

OFFICE OF THE COUNCIL

COUNCIL MEMBERS

BRANDON McCULLOUGH, President
MARTHA PTASHNIK, Vice President
CARRIE BUDZINSKI
ROB GJONAJ DONOVIC
SCOTT MORGAN
LAURA M. TOY



33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2250
citycouncil@livonia.gov

OFFICE OF THE COUNCIL

**ELECTRONIC AGENDA PACKET FOR
THE REGULAR MEETING OF
WEDNESDAY, DECEMBER 18, 2024
7:00 P.M.**

**The electronic agenda is compiled, produced and
distributed by the City Council Staff.
(734) 466-2250**

The official documents are on file in the City Clerk's office.

**2007th Regular Meeting Agenda of the Council of the City of Livonia
Wednesday, December 18, 2024 - Revised**

7:00 p.m. - City Hall Auditorium
33000 Civic Center Drive, Livonia, Michigan

CALL TO ORDER

INVOCATION/PLEDGE OF ALLEGIANCE

ROLL CALL

PRESENTATION OF MINUTES – Regular Meeting Minutes of December 2, 2024

AUDIENCE COMMUNICATION

REPORTS FROM THE MAYOR AND OTHER CITY OFFICIALS

- a. [Communication from the Department of Finance dated December 3, 2024, re: forwarding the Departmental Purchases Report, for the month ending November 30, 2024.](#)
- b. [Communication from the Office of the Council dated December 6, 2024, re: presenting revisions to the Chairpersons and members of the various Council Committees for the year 2025.](#)

CONSENT AGENDA

1. [REQUEST TO WAIVE THE SIDEWALK REQUIREMENT: Rommie Abdelnour, re: the newly constructed home at 37601 Amrhein.](#)
2. [REQUEST TO APPROVE THE SHOPPES AT COLLEGE PARK PLANNED GENERAL DEVELOPMENT AGREEMENT BETWEEN THE CITY OF LIVONIA AND HAGGERTY SIX PARTNERS, LLC: Eric Williams, PE, Stonefield Engineering & Design on behalf of Haggerty Six Partners, LLC, re: Petition 2024-02-02-03 approved by the Council on April 15, 2024, pursuant to CR 135-24, requesting waiver use approval for a Planned General Development consisting of a retail shopping center and multifamily housing under a single unified plan, located at 39200 Six Mile Road, on the north side of Six Mile Road between Haggerty Road and Fox Drive in the Southwest ¼ of Section 7.](#)
3. [WAIVER PETITION: Planning Commission, re: Petition 2024-10-02-17, submitted by CJ's Party Rentals, requesting waiver use approval to operate a truck rental facility that includes the outdoor storage of Budget Rental Trucks at 37055 Industrial Road in the Northwest ¼ of Section 29.](#)
4. [WAIVER PETITION: Planning Commission, re: Petition 2024-10-02-18, submitted by Mr. Miguel's, requesting waiver use approval to construct an outdoor dining patio at 39305 Plymouth Road, located on the south side of Plymouth Road east of Newburgh Road in the Southwest ¼ of Section 30.](#)
5. [AWARD OF BID: Department of Community Resources, re: the printing of the City of Livonia's 2025 Connections Magazine, from budgeted funds.](#)
6. [REQUEST WAIVE THE FORMAL BID PROCESS AND AUTHORIZATION TO PURCHASE EXTREME NETWORK SWITCHES THROUGH REMC CONTRACT PRICING: Information Systems Department, re: from budgeted funds.](#)
7. [REQUEST FOR AUTHORIZATION TO PURCHASE FIVE \(5\) EXMARK LAZER S-SERIES 749 ZERO TURN MOWERS THROUGH THE SOURCEWELL CONSORTIUM: Department of Public Works, re: from budgeted funds.](#)

8. REQUEST FOR AUTHORIZATION TO PURCHASE ONE (1) CASE 588H 4WD T4 FINAL ROUGH TERRAIN FORKLIFT: Department of Public Works, re: from budgeted funds.
9. REQUEST TO AMEND CONTRACT WITH D'ANGELO BROTHERS, INC.: Department of Public Works, re: to include lead and galvanized service line replacements as required by the EPA and EGLE at various locations throughout the city, in an amount not to exceed \$1,750,000, from budgeted funds.
10. REQUEST FOR ADDITIONAL EXPENDITURE: Engineering Division, re: Newburgh Road Emergency Repairs (Ann Arbor Road to Amrhein Road), from budgeted funds. (CR 73-24)
11. REQUEST TO ACCEPT SETTLEMENT: Department of Law, re: between the City of Livonia and the Great Lakes Water Authority (GLWA) re: Settlement for costs incurred due to Water Main Breaks as a result of work performed by GLWA on Eight Mile Road.
12. REQUEST TO AMEND COUNCIL RESOLUTION 326-24: Department of Law, re: to include shipping costs for the previously approved purchase of 40,000 waste trash carts and 40,000 waste recycling carts from Toter, from budgeted funds.

UNFINISHED BUSINESS – MEETINGS OF THE COMMITTEE

13. LAW AND EDUCATION COMMITTEE MEETING OF DECEMBER 4, 2024
 - a. The subject matter of a proposed amendment to the noise ordinance. (CR 253-24)
 - b. The subject matter of proposed ordinance amendment(s) to the City's Noxious Weed Ordinances to include non-enforcement language for residents who maintain native plant-based gardens and meadows in lieu of conventional lawns. (CR 307-24)
14. CAPITAL OUTLAY AND INFRASTRUCTURE COMMITTEE MEETING OF DECEMBER 11, 2024.
 - a. The subject matter of the planning, design and construction of the new Civic Center Campus. (CR 330-24)

UNFINISHED BUSINESS

15. WAIVER PETITION: Planning Commission, re: Petition 2024-10-02-19, submitted by Cooper's Hawk Winery, requesting waiver use approval to operate with an on-premises Class C liquor license (sale of beer, wine and spirits for consumption on the premises), operate an off-premises SDM liquor license (sale of packaged beer and wine) and a full service restaurant with outdoor dining at 17117 North Laurel Park Drive, located on the west side of Laurel Park between I-275 and Newburgh Road in the Southeast ¼ of Section 7.
16. SITE PLAN PETITION: Planning Commission, re: Petition 2024-10-08-07 submitted by Zax Auto Wash, requesting approval of all plans to reconfigure the parking lot and drive-thru facilities and remodel the exterior of the existing car wash at 36001 Plymouth Road, located on the south side of Plymouth Road, between Levan Road and Yale Street, in the Northeast ¼ of Section 32.
17. REQUEST TO APPROVE HOURLY RATE INCREASE: Department of Civil Service, re: the Library Page and Student Page classifications, due to the new minimum wage rates.

NEW BUSINESS

18. REQUEST TO AUTHORIZE PAYMENT TO D'ANGELO BROTHERS, INC.: Engineering Division, re: water main valve replacement in order to complete the 2023 Water Main Replacement Project, from budgeted funds. (CR 218-23)
19. REQUEST TO APPROVE LICENSE AGREEMENT FOR A PORTION OF CITY OF LIVONIA GLENDALE PROPERTY: Department of Law, re: with Consumers Energy for a rent of \$12,000 for a four-month term beginning in January 2025, with ability to extend the agreement up to 3 additional one-month periods.

20. [REQUEST TO AMEND COUNCIL RESOLUTION 18-24: Brandon McCullough, Council President, re: to replace Former Councilmember Jim Jolly as Parliamentarian with Councilmember Rob Donovic.](#)

AUDIENCE COMMUNICATION

NOTICE(S)

In accordance with Title II of the American with Disabilities Act as it pertains to access to Public Meetings, the City Clerk's Office of the City of Livonia, upon adequate notice, will make reasonable accommodations for persons with disabilities. Please call (734) 466-2236 or email clerk@livonia.gov as soon as possible if you need assistance. Council agendas are available on the City's website www.livonia.gov - under Your Government, City Council, Agendas & Minutes.

LORI L. MILLER, CITY CLERK



LETTER TO THE LIVONIA CITY COUNCIL

a.

Finance
December 3, 2024

MEETING DATE

R121824

PRESENTED BY

AGENDA ITEM

a. Communication from the Department of Finance dated December 3, 2024, re: forwarding the Departmental Purchases Report, for the month ending November 30, 2024.

BACKGROUND DETAILS

Finance Ordinance 3.04.130(A) requires that a report be provided to the governing body regarding departmental purchases that are between \$15,000 and \$19,999. Attached hereto are the departmental purchases that meet this criterion for the month ending November 30, 2024. Additional details on these purchases will be provided upon request.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

We respectfully request that the City Council receive and file this report.

ATTACHMENTS

1. City Council - Receive and File Purchases - November 2024

APPROVED BY

Debra Peck Lichtenberg, CPA, Finance Director

Date: December 06, 2024

Maureen Miller Brosnan, Mayor

Date: December 06, 2024

City of Livonia
City Council – Receive and File Purchases

For Month of : November 2024

Pursuant to Ordinance Section 3.04.130, purchases between \$15,000 and \$19,999 need to be submitted to City Council as a receive and file item. Below are the purchases that meet this criteria.

Item #	Date	Department	Vendor	Item	Cost	Description
1	11/13/2024	Inspection Dept	e-PlanSoft	Plan Review Software	\$18,097.00	
2						
3						
4						
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14						
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16						
17						
18						
19						
20						



LETTER TO THE LIVONIA CITY COUNCIL

b.

Council Office
December 6, 2024

MEETING DATE

R121824

PRESENTED BY

AGENDA ITEM

b. Communication from the Office of the Council dated December 6, 2024, re: presenting revisions to the Chairpersons and members of the various Council Committees for the year 2025.

BACKGROUND DETAILS

Due to the resignation of Former Councilmember Jim Jolly, it has been decided by President Brandon McCullough and Vice President Martha Ptashnik to make adjustments to the Committees assignments. The revised Committee assignments for 2025 are as follows:

<i>Committee of the Whole:</i>	2024-2025 President, Brandon McCullough, Chair All Councilmembers
<i>Capital Outlay and Infrastructure:</i>	Rob Donovic, Chair Martha Ptashnik, Vice Chair Carrie Budzinski, Member
<i>Economic Development, Strategic Planning:</i>	Carrie Budzinski, Chair Scott Morgan, Vice Chair (Vacant) Member
<i>Finance and Budget:</i>	Martha Ptashnik, Chair (Vacant) Vice Chair Rob Donovic, Member
<i>Law and Education:</i>	(Vacant), Chair Laura M. Toy, Vice Chair Martha Ptashnik, Member
<i>Public Safety and Health:</i>	Scott Morgan, Chair Rob Donovic, Vice Chair Laura M. Toy, Member
<i>Senior Citizens, Families and Environment:</i>	Laura M. Toy, Chair Carrie Budzinski, Vice Chair Scott Morgan, Member

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

To approve the revised assignments as presented.

ATTACHMENTS

1. Committee Assignments for 2025

APPROVED BY

LIVONIA CITY COUNCIL

2025 COMMITTEES

Brandon McCullough, President of the Council
Martha Ptashnik, Vice President of the Council

Committee of the Whole:	2024-2025 President, Brandon McCullough, Chair All Councilmembers
Capital Outlay and Infrastructure:	Rob Donovan, Chair Martha Ptashnik, Vice Chair Carrie Budzinski, Member
Economic Development, Strategic Planning:	Carrie Budzinski, Chair Scott Morgan, Vice Chair (Vacant) Member
Finance and Budget:	Martha Ptashnik, Chair (Vacant) Vice Chair Rob Donovan, Member
Law and Education:	(Vacant), Chair Laura M. Toy, Vice Chair Martha Ptashnik, Member
Public Safety and Health:	Scott Morgan, Chair Rob Donovan, Vice Chair Laura M. Toy, Member
Senior Citizens, Families and Environment:	Laura M. Toy, Chair Carrie Budzinski, Vice Chair Scott Morgan, Member

CR 15-24 SEMCOG Delegate – Carrie Budzinski
CR 15-24 SEMCOG Alternate – Rob Donovan
CR 16-24 SPREE Board of Directors – Laura M. Toy (CR 342-24)
CR 16-24 SPREE Alternate – Scott Morgan
CR 17-24 MMRMA Representative – Michael T. Slater (Finance Director)
CR 17-24 MMRMA Alternate Representative – Laura M. Toy
CR 18-24 Parliamentarian – Rob Donovan (CR __-24)
CR 19-24 Board of Trustees of the Livonia Employees Retirement System
CR 20-24 Scott Morgan City Community Tree Committee – Martha Ptashnik
CR 21-24 Hearts of Livonia – Laura M. Toy
CR 22-24 St. Mary Mercy Hospital Healthy Living Community Delegate – Rob Donovan
CR 22-24 St. Mary Mercy Hospital Healthy Living Community Alternate – Carrie Budzinski
CR 23-24 Bike-Walk Livonia Advisory Committee – Martha Ptashnik
CR 24-24 MMSA Council Representative – Rob Donovan

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

1. REQUEST TO WAIVE THE SIDEWALK REQUIREMENT: Rommie Abdelnour, re: the newly constructed home at 37601 Amrhein.

Rommie Abdelnour, homeowner of property at 37601 Amrhein, was present to answer questions of Council and indicated because this street is primarily in an industrial section of the City, no other homes on Amrhein have sidewalks on either side of the street.

Councilmember Donovic indicated the Council was provided with the map of the area which is heavily industrial and confirmed there are no sidewalks in this area and will probably never be any because of the industrial nature of this street.

DIRECTION:

APPROVING

CONSENT



LETTER TO THE LIVONIA CITY COUNCIL

1.

Engineering
November 4, 2024

MEETING DATE

S120224/R121824

PRESENTED BY

Todd Zilincik, P.E., City Engineer

AGENDA ITEM

REQUEST TO WAIVE THE SIDEWALK REQUIREMENT: Rommie Abdelnour, re: the newly constructed home at 37601 Amrhein.

BACKGROUND DETAILS

As requested in Rommie Abdelnour's letter of October 26, 2024; we have reviewed the surrounding neighborhood regarding the presence of sidewalks (see attached aerial). Because of the absence of any other sidewalks in the neighborhood, we are recommending waiving the sidewalk requirement at this time.

The City has no plans to construct sidewalks in the area in the near future.

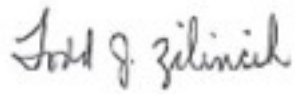
PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

RESOLVED, that having considered a report and recommendation from the City Engineer, dated November 4, 2024, approve by submission by the Mayor, to which is attached a communication from Rommie Abdelnour, dated October 26, 2024, requesting a waiver of the sidewalk requirement in front of the newly constructed home at 37601 Amrhein, in the S.E. 1/4 of Section 30, the Council does hereby approve this request inasmuch as omitting the sidewalk on the subject property would have no detrimental effect upon the neighboring properties at this time due to the absence of sidewalks within the neighboring area; FURTHER, the Council does hereby reserve the right to require sidewalks at this location in the event that additional sidewalks are installed in this area at some future date.

ATTACHMENTS

1. Sidewalk waiver request 37601 Amrhein Rommie Abdelnour
2. Sidewalk waiver receipt 37601 Amrhein Rommie Abdelnour
3. Map of 37601 Amrhein

APPROVED BY



Todd Zilincik, P.E., City Engineer

Date: November 12, 2024



Maureen Miller Brosnan, Mayor

Date: November 12, 2024

October 26, 2024

City of Livonia
Livonia, MI

To Whom It May Concern:

My name is Rommie Abdelnour and I am building a home at 37601 Amrhein, Livonia, MI. I am writing to you to request a sidewalk waiver. The entire neighborhood does not have sidewalks on either side of the street and I would like to obtain a waiver to exclude me from having to install one.

Sincerely,



Rommie Abdelnour
50112 Pelham Court
Canton, MI 48187
Cell: 734-377-4388
Email: r.abdelnour99@gmail.com

RECEIVED
OFFICE OF THE CITY CLERK
2024 OCT 28 AM 9:05



CITY of LIVONIA
OFFICE OF THE CITY CLERK

33000 CIVIC CENTER DRIVE, LIVONIA, MICHIGAN 48154
TELEPHONE (734) 466-2230

Received From: Kommite + Abdelnour
Address _____
City _____ Zip _____ Date 10/28/24

CERTIFICATES

Dollar Amount

BIRTHS [] LF# _____ CC _____ PARCHEMENT _____

DEATHS [] LF# _____ CC _____

GENERAL

☐ Maps, Books _____
☐ F.O.I.A. Copies _____
☐ Signs _____
☐ Grading Bond _____
☒ Petition, Waiver sidewalk
☐ Election Fees wavever
☐ Other _____

CASH [] CK# 2366 Total Amt. >

BY. _____

No. 86886



37601 Amrhein Rd



Imagery ©2024 Airbus, Maxar Technologies, Map data ©2024 100 ft

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

2.

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

2. REQUEST TO APPROVE THE SHOPPES AT COLLEGE PARK PLANNED GENERAL DEVELOPMENT AGREEMENT BETWEEN THE CITY OF LIVONIA AND HAGGERTY SIX PARTNERS, LLC: Eric Williams, PE, Stonefield Engineering & Design on behalf of Haggerty Six Partners, LLC, re: Petition 2024-02-02-03 approved by the Council on April 15, 2024, pursuant to CR 135-24, requesting waiver use approval for a Planned General Development consisting of a retail shopping center and multifamily housing under a single unified plan, located at 39200 Six Mile Road, on the north side of Six Mile Road between Haggerty Road and Fox Drive in the Southwest ¼ of Section 7.

Mark Taormina, City Planner, presented this matter to Council. Mr. Taormina indicated this matter came before Council earlier this year in April where the waiver use petition was approved. This is a required condition of that granted waiver use petition. This is at the former Comerica site. It is similar in nature to others approved in the past and essentially outlines the terms and conditions to confirm the terms approved by the Council and prohibited uses of the land. It requires at least 30% of the residential development portion be completed, and the developer is requesting a special adjustment to this and to expedite the opening of the retail store that only the basements be completed. The Planning Department has reviewed and is in agreement with what has been requested by the developer.

Councilmember Toy stated this is a great development going into that area and her only concern is regarding traffic in the area because that section of town is a little crowded. She indicated this has come before Council multiple times and she is comfortable with the matter going on Consent.

Councilmember Budzinski questioned if Mr. Taormina or the developer if they could describe what are the new buildings that will be developed on this property and what is the approximate timeline.

Gerard Marcus, one of the partners in Haggerty Six Partners, was present to answer any questions of Council and indicated they are waiting on permits being pulled for Whole Foods which is their most critical with timelines. He stated they have worked diligently with Planning to work on the rest of the drawings as approved in April of this year and will then submit those for permit as well. Mr. Marcus indicated minor adjustments will be made with the hotel building and will be presented shortly once the Whole Foods' permit has been pulled. He indicated the southern side, Phase II, is in

the finalization planning stages and are hopeful they can start in the first quarter in 2025 on Whole Foods and the rest immediately following.

Councilmember Budzinski asked Mr. Marcus to provide an overview of approximately how many residential units will be developed, how many restaurants and retail shops and if there was a gym possibly go in at this development.

Mr. Marcus responded there will be approximately 150-165 units, small shops on Haggerty Road inclusive of a Starbucks, various other new national brand restaurants, Lenscrafters, and there has been a great deal of interest in this plan, and they wanted to be sure the City is proud of who goes in there as this development unfolds. He indicated as soon as a permit is obtained demolition will begin on this property.

President McCullough stated they appreciate this development in this area and thanked Mr. Marcus for bringing it forward to us and look forward to doing great things with this partnership and developer in the future.

John Wysocki, 16348 Aldridge Court, Quakertown subdivision across the street inquired what will be done about traffic in that area as this section is already congested enough. Mr. Wysocki stated this is the first he has heard of this development and wanted to find out what the City and/or Council will do to ease the traffic congestion with the addition of this development.

Gay Lynn Tucker, 16332 Aldridge Court, Quakertown subdivision across the street, indicated she appreciated progress must be made in the City but inquired if the City can create a new access street into the subdivision. With the addition of new housing at this development, the traffic will only increase in this area and residents of Quakertown already have a hard time getting in and out of this subdivision.

DIRECTION:

APPROVING

CONSENT



LETTER TO THE LIVONIA CITY COUNCIL

6.

Clerk
November 21, 2024

MEETING DATE

S120224/R121824

PRESENTED BY

Mark Taormina, Planning and Economic Development Director

AGENDA ITEM

REQUEST TO APPROVE THE SHOPPES AT COLLEGE PARK PLANNED GENERAL DEVELOPMENT AGREEMENT BETWEEN THE CITY OF LIVONIA AND HAGGERTY SIX PARTNERS, LLC: Eric Williams, PE, Stonefield Engineering & Design on behalf of Haggerty Six Partners, LLC, re: Petition 2024-02-02-03 approved by the Council on April 15, 2024, pursuant to CR 135-24, requesting waiver use approval for a Planned General Development consisting of a retail shopping center and multifamily housing under a single unified plan, located at 39200 Six Mile Road, on the north side of Six Mile Road between Haggerty Road and Fox Drive in the Southwest ¼ of Section 7.

BACKGROUND DETAILS

REQUEST TO APPROVE THE SHOPPES AT COLLEGE PARK PLANNED GENERAL DEVELOPMENT AGREEMENT BETWEEN THE CITY OF LIVONIA AND HAGGERTY SIX PARTNERS, LLC: submitted by Stonefield Engineering & Design on behalf of Haggerty Six Partners, LLC, re: Petition 2024-02-02-03 approved by the Council on April 15, 2024, pursuant to CR 135-24, requesting waiver use approval for a Planned General Development consisting of a retail shopping center and multi-family housing under a single unified plan, located at 39200 Six Mile Road, on the north side of Six Mile Road between Haggerty Road and Fox Drive in the Southwest ¼ of Section 7.

An email dated November 15, 2024, received from Eric Williams, was submitted to the Clerk's Office requesting to be placed on the next Study Agenda to review and approve the proposed development agreement.

The item was approved at Council on April 15, 2024. (CR 135-24)

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

Approve as submitted.

ATTACHMENTS

1. S120224 2024-11-15_Development Agreement_CR135-24
2. S120224 2024-10-14_Planned General Development Agreement_REV_2024-11-12

3. R041524 Petition 2024-02-02-03 (Stonefield Eng) CR 135-24
4. FW_Six and Haggerty - CR135-24 request
5. Re_December 2, Council Study Item Language

APPROVED BY

Date: November 21, 2024

Doris DeMarco, Deputy Clerk

STONEFIELD

November 15, 2024

Honorable City Council
33000 Civic Center Drive
City Hall, 3rd Floor
Livonia, MI 48154

RE: Planned General Development Agreement – CRI35-24
Parcel ID: 46-027-99-0008-001
39200 Six Mile Road
City of Livonia, Wayne County, Michigan

Honorable City Council:

Stonefield Engineering & Design, LLC on behalf of Haggerty Six Partners, LLC requests that the attached provided development agreement is placed on an upcoming study meeting for review and subsequent approval. Please find the following items enclosed for review:

ITEM DESCRIPTION
Planned General Development Agreement

Should you have any questions, please do not hesitate to contact our office.

Best regards,



Eric Williams, PE
ewilliams@stonefieldeng.com
Stonefield Engineering and Design, LLC

V:\DET\2023\DET-230128-Markus Management Group-39200 Six Mile Road, Livonia, MI\Correspondence\Outgoing\Municipal\2024-11-15_Development Agreement_CRI35-24.docx

**SHOPPES AT COLLEGE PARK
PLANNED GENERAL DEVELOPMENT AGREEMENT**

Between CITY OF LIVONIA

and

Haggerty Six Partners, LLC

DRAFT

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Exhibits:

Exhibit A - Legal Description Exhibit B - Site Plan
Exhibit C - City of Livonia Resolution Exhibit D - Building Drawings Exhibit E - Exterior
Materials

SHOPPES AT COLLEGE PARK
PLANNED GENERAL DEVELOPMENT AGREEMENT
[TAX PARCEL NO. 46-027-99-0008-001]

THIS AGREEMENT (the "Agreement") made _____ 2024 by and between the City of Livonia, a Michigan municipal corporation, whose address is 33000 Civic Center Drive, Livonia, Michigan 48154 (the "City") and Haggerty Six Partners, LLC, a Michigan limited liability company, whose principal address is 251 E. Merrill, Suite 236, Birmingham, Michigan 48009 ("Developer").

RECITALS

A. The Shoppes at College Park (the "Site," as described in Exhibit A attached, also referred to herein as the "Land," or the "Property," or the "Development") is situated in one of the premier shopping destinations in the City and the larger region. The Site is now vacant and underutilized and will require significant redevelopment and revitalization to retain that role in the Twenty-First Century.

B. The City wishes to assure, and Developer intends to provide, a high-quality redevelopment of the Site following the City's building codes ("Codes") and zoning ordinance (the "Zoning Ordinance") as well as the site plan as shown on **Exhibit B** (the "Site Plan") approved by the City's governing body in **CR# 135-24** (the "Resolution"), which is attached hereto as **Exhibit C**, and the conditions outlined in the Resolution and this Agreement. The City and Developer acknowledge that the Site Plan contains all elements of a "site plan" as defined according to the City of Livonia Ordinances, including Sections 5.02(3) and 13.13(4) thereof, except building signage approvals, which, to the extent that the same do not comply with this Agreement and the City's Zoning Ordinance, shall be addressed by the City Planning Commission and if necessary, the City Zoning Board of Appeals, per this Agreement and, to the extent applicable, the City's Codes and Zoning Ordinance and the terms and conditions of the Resolution.

C. Recognizing that redevelopment of the Site may utilize portions of the Site currently zoned "C-4, High Rise Commercial" for uses consistent with C-4 and NM2, Neighborhood Multifamily, zoning districts, and that flexibility is needed in the placement, bulk, height, and inter-relationship of buildings on the Site to achieve more efficient use of the Land and greater open space on the Site; and that certain C-4 and NM2 waiver uses relate to the overall concept of the Development, the City is exercising its authority under MCL 125.3101, et. seq., especially MCL 125.3503, and Article V of the Zoning Ordinance to approve the Development as a Planned General Development.

NOW, THEREFORE, the City and Developer agree as follows:

1. Development.

1.1. Nothing in this Agreement requires the Developer or any Owner of the Land (as hereinafter defined) to develop the Site or to commence or continue the operation of any business on the Site. But if the Site is developed, it will be developed according to the Site Plan as it may, from time to time, be modified through the process outlined in the Zoning Ordinance for amendments to a Site Plan. As used in this Agreement, "Owners of the Land" means Developer and all current and, as applicable, all future owners of legal and/or equitable title to all or any part of the Land.

1.2. This Planned General Development is intended to be flexible, such that the amount of any singular use may vary as the Development evolves at the sole discretion of any of the Owners of the Land, limited to the permitted uses referenced in this Agreement.

1.3. The Owners of the Land shall not be responsible for any off-site improvements to public roads, public utilities, or other public facilities, or any costs related to such improvements unless specifically set forth and agreed to in this Agreement or as shown on the Site Plan or any amendments thereto or any other governing agreement signed by the Owner of the Land which such improvement benefits or burdens.

1.4. By executing this agreement, the City acknowledges that it has granted the Developer final site plan approval for the Land and Development, as shown in the attached Site Plan, **Exhibit B**, as set forth in the Resolution. Whenever the consent or approval of any party bound by this Agreement is required, such consent or approval shall not be unreasonably delayed, conditioned, or withheld. Any subsequent amendments, changes, or modifications to the Site Plan shall be per this Agreement. It is recognized that there will be modifications to the Site Plan that depend on the needs of future tenants and Owners of the Land, building sizes and shapes, uses, lot sizes and shapes, and the like. Therefore, minor or immaterial modifications to the Site Plan, not inconsistent with the spirit of the terms of this Agreement, may be made without the necessity of amending this Agreement or the Site Plan so long as the Owners of the Land upon which the modification is sought receive approval of the City's Planning Director and/or Chief Building Official and such modifications do not require the further approval of the Planning Commission or City Council. Other modifications to the Site Plan shall require an amendment to this Agreement and the approval of the City in accordance with the provisions of the Ordinance or this Agreement and applicable law relating to modifications to site plans. This Agreement does not prohibit any Owner of Land from applying for a new or revised site approval not inconsistent with the spirit and intent of this Agreement. The City's Planning Director and/or Chief Building Official shall, promptly after making such modifications, notify the City Council of such modifications; provided, however, the failure of the City's Planning Director and/or Chief Building Official to so notify City Council shall not affect such modification(s) approved by the City's Planning Director and/or Chief Building Official.

1.5. The parties recognize that the Property requires demolition and other preparatory work before the complete development and construction of buildings. Therefore, the Developer and/or the Owners of the Land and/or their agents and contractors, individually and/or collectively referred to herein as "applicant," may apply for and obtain permits for (a) demolition, (b) grading, partial infrastructure construction, water, sanitary sewer and/or other work on all or a portion of the Land to prepare the Land for future development (which future development, other than as described or depicted in the Site Plan, will be subject to site plan approval), without the necessity of applying for or obtaining building permits. The application and construction/engineering plans for those permits shall be reviewed administratively by and the permits issued by the City department having jurisdiction. Those permits shall be issued by the City if:

1.5.1. The proposed preparatory work complies with the Site Plan, all applicable City ordinances, and federal and state laws.

1.5.2. The applicant submits a complete engineering plan for the work showing the preparatory work for which the applicant seeks the permit, and either the City's Engineering Division or an independent engineer chosen by the City's Engineering Division approves the plan.

1.6 The parties recognize that a development of this size typically includes project phases. Under Section 5.02(5)(G) of the City's Zoning Ordinance, no commercial structure shall be constructed before the construction of not less than thirty (30) percent of the dwelling units approved as part of the development. To expedite the opening of the grocery tenant, the developer shall be permitted to open the grocery store so long as the foundations of the apartment building have been installed.

2. Divisions, Leasing, and Separation of Ownership

2.1 The Owners of the Land shall have the right to sell, lease, ground lease, transfer, assign, and/or mortgage all or any parts of the Land. Owners of the Land shall have the right to divide and subdivide the Land and obtain the maximum number of land divisions or subdivisions pursuant to the Michigan Land Division Act and the Livonia Land Division Ordinance to subdivide it, replat it, or subject it to a condominium per the Michigan Condominium Act, in whole or in part. All such conveyances and divisions shall be in accordance with state law and local ordinances and shall be approved by the City if they are in accordance with applicable law. It is further provided that resulting parcels need not have frontage on a public road, provided they are accessible as defined by the Michigan Land Division Act. If the Owners of the Land shall sell, lease, ground lease, transfer, assign, mortgage, divide, and/or subdivide all or any portion of the Development, the terms and conditions of this Agreement shall benefit, be enforceable by, and shall be binding on the successors in title, vendees, lessees, transferees, assignees, mortgagees, and beneficiaries of divisions or subdivisions. In such event, this Agreement may continue to be binding upon the Owners of the Land, as may be applicable as a matter of law. Except for the ECR (as defined in Section 2.3 below), all easements required by the City, including easements for ingress and egress, that are necessary or reasonably desirable for the Development shall be approved by the Owners and shall be recorded at the expense of the Owner of the Land upon which the easement is located. The City hereby approves all proposed land divisions, plats, and condominiums that comply with the City's ordinances and federal and state laws without the imposition of conditions other than those set forth in this Agreement and laws that are generally applicable to all such land divisions, plats or condominium approval requests.

2.2 Without limiting the number of land divisions available to the Development, the City acknowledges that the subject property may be divided at the request of the Developer. The City acknowledges that each of the foregoing parcels has been created in accordance and in compliance with all City laws, rules, regulations, and ordinances and shall, upon timely submission of the pertinent information to the City Assessor, cause a separate tax parcel identification number to be issued to each parcel effective with the next real estate tax bill issued by the City. The provisions of this Agreement shall govern all other divisions of the Land.

2.3 The City acknowledges that the Owners of the Land may enter a document entitled Easements with Covenants and Restrictions ("ECR"), which, among other things, creates easements for ingress and egress within the Development. If entered, the ECR shall be recorded against the Development at the cost of the Owners of the Land and shall not require any approval from the City.

3. Parking.

3.1 Parking for the apartments shall be limited to the top two floors of the parking deck and the parking spaces adjacent to the apartment building on the apartment parcel as provided for on the Site Plan. All other on-site parking shall be available for other uses, including the first floor of the parking garage. The residential parking ratio shall not be less than 1.50 spaces/unit. To provide additional green open space and enhance walkability on the Site, the City

specifically agrees that notwithstanding the requirements of Section 9.05 of the Zoning Ordinance, the Development will provide parking at a ratio of no less than 2.30 spaces for every 1,000 square feet of gross building area located within the commercial component of the Development. An Owner of all or a portion of the Land shall have the right, at his/its option, to convert a reasonable number of non-handicap parking spaces located on the Owner's portion of the Land into additional handicap parking spaces without requiring the Owner to obtain approval thereof by the City.

4. Site Design Standards.

4.1 Architecture & Screening.

4.1.1. The predominant material of buildings in the Development shall be brick, limestone panels, composite siding, burnished block, galvanized/corrugated metal, colored tilt-up or precast concrete, and/or other approved materials on all sides of the building, following the design that is included in the approved Site Plan. Pilasters, dormer windows, and fabric awnings, without names, logos, advertising, or other identifying information of any tenants or owners in the Development, unless otherwise approved by the City, may be used to break up expansive walls. Enhanced architectural elements may be added where the rear facades of buildings will be visible from major roadways or internal drives. The architectural theme for the Development is depicted in the building drawings attached to and made a part of this Agreement as **Exhibit D**. Typical or sample exterior materials listed in the attached **Exhibit E**, which is made a part of this Agreement, are hereby approved.

4.1.2. Spandrel glass may be used to break up long, expansive walls, as shown in the approved Site Plan.

4.1.3. Roofing materials and maximum building height shall be as shown in the approved Site Plan.

4.1.4. All dumpsters will be screened from the view of public roads by a wall of masonry materials compatible with the main building and substantial landscape screening, substantially per the design included in the Site Plan.

4.1.5. Gates shall be constructed of steel or fiberglass (i.e., reinforced composite material).

4.2. Internal Traffic Circulation. The Development shall be served by internal integrated drives, aisles, parking, and a pedestrian network, as shown on the Site Plan. The general alignment for the internal traffic system is specified in the Site Plan but may be revised depending on the needs and timing of the uses developed.

4.3. Pedestrian Circulation. Sidewalks will be provided and designed to accommodate pedestrian movements both internal to the Development and providing linkages to the existing public sidewalks on the perimeter and adjacent to the Land, as shown on the Site Plan.

4.4. Landscaping, Trees, and Grading. Unified landscaping substantially in accordance with the landscape plan included in the Site Plan and any amendments made thereto shall be provided throughout the Development. The berms shall be graded to a 1:3 maximum slope. The selection of tree species shall be per Article X of the Livonia Zoning Ordinance, except as provided in the Site Plan.

4.5. **Lighting.** All parking, accent, pedestrian, building-mounted, and other lighting shall be constructed as shown on the Site Plan. All pole-mounted light fixtures shall not exceed 30 feet above grade, exclusive of any security cameras mounted on top of any lighting fixture. All lighting shall be directed and/or shielded to minimize stray light trespassing across property lines and glaring into adjacent roadways.

4.6. **Storm Water Management Facilities.** The Development is proposed to be serviced by certain Storm Water Management Facilities consisting of one or more detention and/or retention ponds, pipes, and associated facilities, which may be located above or below ground (collectively the "Storm Water Management Facilities") as shown on the Site Plan. For the Storm Water Management Facilities under the City's jurisdiction, the City agrees not to assign or transfer jurisdiction of the Storm Water Management Facilities to any person or entity.

4.7. **Signage.** Freestanding signs for the Development shall be ground-mounted (monument) signs. No pole signs shall be permitted. All freestanding signs shall have a base constructed of materials that coordinate and are not inconsistent with the building and other signs within the Development. All freestanding lighted signs shall be internally lit. Wall-mounted and other signs, including directional signs, shall be permitted as authorized in the City's Zoning Ordinance. Given the unique layout of the Development and the desire to have "four-sided" architecture, each tenant in Buildings B, C.1, and C-2, as shown on the Site Plan, shall be allowed an additional wall sign on the north side of the building, above the unit's entrance. An additional wall sign shall also be permitted on the west side of Building D. The additional wall signs provided herein shall be limited to one-half of the area allowed for each unit's main identification wall sign.

5. Permitted and Prohibited Uses: Limitations.

5.1. **Permitted Uses.** The City shall permit the uses pursuant to the current C-4 zoning district designation, the uses identified on the Site Plan, and the uses identified within the table of Land Use and Zoning on Sheet C-2 of the Site Development Plans dated 01/31/2024, without any further waiver use required, and the following uses as of right in the Development (which uses are referred to as the "Permitted Uses"):

5.1.1. Professional offices of lawyers, engineers, architects, insurance and real estate agents, financial consultants and brokers, advertising firms, accounting and bookkeeping services, clerical and stenographic services, sales offices, mailing and copying centers, data processing centers, other types of executive or administrative offices, and similar or allied professions.

5.1.2. Professional offices of physicians, dentists, optometrists, chiropractors, psychiatrists, psychologists, and similar or allied professions, including medical clinics, outpatient services, urgent care centers, clinics (including walk-in or minute-type clinics), and similar uses.

5.1.3. Offices of non-profit professional, civic, social, fraternal, political, and religious organizations.

5.1.4. Banks, credit unions, savings and loans, and similar financial institutions that utilize a drive-thru.

5.1.5. Research, vocational, and technical training facilities operated for profit completely within an enclosed building, not including vocational automobile repair facilities.

5.1.6. Essential services such as telephone exchange buildings and public utility offices, excluding storage yards, transformer stations, substations, gas regulator stations, or similar facilities.

5.1.7. Public and quasi-public buildings such as city/state/county offices, court buildings, post offices, public museums, libraries, and community centers.

5.1.8. Public or private parks and open space.

5.1.9. Retail establishments with goods marketed to the surrounding neighborhood, including but not limited to sales of bakery goods (including bakery items produced on the premises), groceries, meats (no slaughtering is permitted on the premises, but butchering is allowed), seafood, dairy products, drugs/pharmaceuticals, hardware, greeting cards, furniture, clothing, flowers, books, antiques, art galleries, beer, and wine sales (subject to Section 5.1.23 hereof), convenience stores (without gasoline sales and/or car wash as an accessory use).

5.1.10. Personal service establishments that perform services on the premises such as, but not limited to, dry-cleaning drop-off establishments (without on-site processing), self-service laundries, watch, radio, television or shoe repair, dressmakers and tailor shops, beauty salons or barbershops, nail salons, photographic studios and other photographic services such as photographic reproduction and copy services, self-service laundries or dry cleaners and printing or copy centers and similar establishments, but excluding adult regulated uses.

5.1.11. Rental and sales of videos, compact discs, records, and similar items.

5.1.12. Any service establishments that require a retail adjunct, such as an office, showroom, or workshop of an electrician, decorator, dressmaker, tailor, baker, painter, upholsterer, or an establishment doing radio or home appliance repair, photographic reproduction, and similar service establishments.

5.1.13. Generally recognized retail businesses, excluding adult businesses as defined in the Livonia Zoning Ordinance, developed as a shopping center or in standalone buildings that supply goods and services such as, but not limited to, groceries, gourmet markets, apparel, drugs, dry goods, appliances, electronics, hardware store, restaurants within shopping center buildings, banking, medical and/or dental clinic, optometry clinic, furniture, pet store or pet supplies with temporary pet boarding similar in concept to a Pets Hotel (provided that such pets are not kept or permitted to be out of doors), book store, department store, combination grocery and discount department store (e.g., a supercenter), wholesale discount club, discount clubs and membership clubs, and home improvement center, provided the specific use meets the requirements of the Zoning Ordinance.

5.1.14. Restaurants, with or without outdoor seating, including carry-out, limited service, and full-service restaurants, as defined in the City of Livonia Zoning Ordinance.

5.1.15. One (1) restaurant with a drive-up window shall be allowed in the Development on that portion of the Land designated on the approved Site Plan.

5.1.16. Theaters, health or fitness clubs, including ancillary recreational amenities, indoor billiards/pool, and indoor amusement and entertainment establishments, but

excluding any adult regulated use and bowling alleys.

5.1.17. Banquet halls.

5.1.18. Seasonal Sales and Outdoor Displays as approved by the Inspection Department and Planning Department in compliance with Zoning Ordinance standards for such uses.

5.1.19. Cigar lounge/sales, with or without the sale of food, including alcoholic beverages, subject to usual City legislative and administrative procedures as provided by State law.

5.1.20. Accessory Uses, as defined in the City's Zoning Ordinance.

5.1.21. Veterinary clinic, animal clinic, animal hospital, and animal daycare.

5.1.22. Establishments with liquor licenses such as Class C, Tavern, Club, Class A Hotel, Class B Hotel licenses, and Micro brewers and Brewpubs.

5.1.23. Other similar uses as determined by the City Council.

5.1.24. Hotels not defined as motels.

5.1.25. Multiple-family residences.

5.1.26. Attached condominiums.

The term "Permitted Uses" is defined herein as provided above. Except as modified herein, it is acknowledged and agreed that as defined herein, Permitted Uses include uses that might otherwise be classified as "Waiver Uses" under Sections 3.11 and 3.13 of the Zoning Ordinance.

5.2. Prohibited Uses. Unless approval by the City Council is granted through its waiver use or other applicable process, no part of the Development shall be used for:

5.2.1. Camping or overnight visitor parking, provided, however, that the overnight parking of merchandise delivery trailers in areas of the Development designated for merchandise delivery on the Site Plan or an approved site plan (such as loading dock areas) shall not be prohibited.

5.2.2. New or used car lots or rental facilities; provided, however, the foregoing shall not prohibit new or used car automobile showrooms that do not maintain inventory on-site other than within the interior of a building.

5.2.3. Motels.

5.2.4. Open-air sales, display, and/or rental of utility trailers and recreational equipment.

5.2.5. Dance halls or ballrooms.

5.2.6. Ambulance services, local and suburban bus terminals, and taxicab terminals.

5.2.7. Secondhand stores and rummage shops; provided; however, the City

acknowledges that retailers such as Game Stop, Play It Again Sports, and other regional or national retailers selling new and pre-used goods are not deemed second-hand stores or rummage shops.

5.2.8. Auto or truck wash establishments.

5.2.9. Automobile and truck repair facilities.

5.2.10. Gasoline service station or the sale of automobile fuel; provided, however, that the sale of fuel, such as propane packaged camping fuel, contained within consumer packaging and located within the interior of a building shall not be prohibited.

5.3. Limitations.

5.3.1. Tenant leases shall prohibit the idling of trucks or operation of refrigeration trucks on the Land or in the Development between 10:00 p.m. and 7:00 a.m.

5.3.2. Tenant leases shall provide that delivery of goods to the Development by commercial trucks shall be limited to 7:00 a.m. and 10:00 p.m.

6. Stormwater Maintenance, Water, and Sewer.

6.1 Obligation to Maintain. The Owners of the Land shall perform any maintenance, repair, and/or replacement of the Storm Water Management Facilities necessary to ensure that they continuously perform their designed function as part of the stormwater drainage system for the Development. Without limitation, the Owners of the Land shall ensure that the Storm Water Management Facilities above and below ground: (i) are kept clear and clean; (ii) do not become a public nuisance; (iii) are maintained in a structurally sound condition; (iv) are adequately vegetated and free of significant erosion as applicable; and (v) shall be kept free of woody vegetation.

6.2 Filling Prohibited. Any retention and/or detention ponds, basins, or structures, either above or below ground, shall not be filled or otherwise altered in a manner that would reduce their capacity without the consent of the City.

6.3 Enforcement. If the Owners of the Land fail to maintain the stormwater detention/retention and outlet facilities and the City, after notice and at least a thirty (30) day opportunity to cure, undertakes such maintenance, the Owners of the Land shall reimburse the City (on a prorated basis, based upon acreage) for any maintenance or repair costs incurred for the stormwater detention/retention and outlet facilities, and giving the City the right to impose liens on each of the non-paying owner parcels within the Development pro rata, based upon acreage, and place said charges on their real estate tax bills in the event the non-paying owners do not pay charges within thirty (30) days of billing by the City.

7. Waiver Use.

By granting its final approval and upon execution and recording of this Agreement, the City has and shall be deemed to have granted the petition for a Waiver Use permit on the Land for a Planned General Development (PGD), as is described in Article V of the City's Zoning Ordinance, under the procedures set forth in the Zoning Ordinance.

8. Integration.

This Agreement contains the entire agreement between the parties. No statements,

promises, or endorsements made by either party or agent of either party that are not contained in this Agreement shall be valid or binding. This Agreement may not be amended except in writing, signed by the Owner of the portion of the Land which such amendment affects or their successors or assigns, and recorded in the same manner as this Agreement and as provided by the City's General Development ordinance provisions existing as of the date of this Agreement. Amendments shall become effective only when recorded in the office of the Wayne County Register of Deeds.

9. Severability.

If the courts finally hold any part, term, or provision of this Agreement to be illegal or in conflict with any law of the State of Michigan or the United States, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if this Agreement did not contain the particular part, term, or provision held to be invalid.

10. Governing Law.

This Agreement shall be governed by the laws of the State of Michigan, both as to interpretation and performance. Any and all suits for any and every breach of this Agreement may be instituted and maintained in any court of competent jurisdiction in the County of Wayne, State of Michigan.

11. Non-waiver.

No waiver of any breach of this Agreement shall be held to be a waiver of any other subsequent breach, all remedies afforded in this Agreement shall be cumulative and in addition to every other remedy provided by law.

12. Authority.

Haggerty Six Partners, LLC warrants that it owns the Land in fee simple and has voluntarily assumed both the undertakings and limitations set forth in this Agreement. The signers of this Agreement warrant and represent that they have the authority to sign this Agreement on behalf of their respective principals and the authority to bind each party to this Agreement according to its terms. Further, each of the parties represents that the execution of this Agreement has been duly authorized and is binding on such party and is valid and binding on such party in accordance with the terms hereof. This Agreement shall bind the heirs, successors, successors-in-title, and assigns of the parties.

13. Burdens and Benefits Appurtenant.

This Agreement shall run with the Land and bind the parties, their heirs, successors, and assigns. Haggerty Six Partners, LLC shall record this Agreement in the office of the Wayne County Register of Deeds and shall deliver a recorded copy to the City forthwith. It is understood that the Land is subject to changes in ownership and/or control at any time but that successors shall take their interest subject to the terms of this Agreement. In the event that the Owners of the Land shall sell, lease, ground lease, transfer, assign, mortgage, divide, and/or subdivide all or any portion of the Development, the terms and conditions of this Agreement shall benefit, be enforceable by, and shall be binding on the successors in title, vendees, lessee, transferees, assignees, mortgagees, and beneficiaries of divisions or subdivisions. In such event, the Agreement may continue to be binding upon the Owners of the Land, as may be applicable as a matter of law.

14. Several Non-Joint Owners Liable.

In the event the Land, or any part thereof, is owned by more than one person or entity, any breach of this Agreement or violation of any applicable provision of the Ordinances of the City occurring on any part of the Land will only be the responsibility and liability of the person or entity who or which owns that part of the Land on which the breach or violation occurs and no other Owner shall be liable therefor.

15. Conflict.

It is the belief and expectation of the City and Developer that this Agreement complies with the Zoning Ordinance. In the event of a conflict between the codes and ordinances of the City and this Agreement, the terms of this Agreement shall prevail.

16. Cooperation.

In the event that a third party challenges the legal effect of this Agreement, or any part of it, each of the Owners of the Land and the City shall cooperate to defend such challenge and shall affirmatively act to support the validity and enforceability of this Agreement.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK; SIGNATURE PAGE TO FOLLOW]

SIGNATURE PAGES OF SHOPPES AT COLLEGE PARK
DEVELOPMENT AGREEMENT BETWEEN CITY OF LIVONIA AND DEVELOPER

CITY OF LIVONIA,
a Michigan municipal corporation

By: Maureen Miller Brosnan
Its: Mayor

By: Lori Miller
Its: City Clerk

STATE OF MICHIGAN)
) ss.
COUNTY OF WAYNE)

The foregoing instrument was acknowledged before me this ____ day of _____
2024, by Maureen Miller Brosnan, the Mayor, and Lori Miller, the Clerk of the City of Livonia, a
Michigan municipal corporation, on behalf of said corporation.

_____, Notary Public State of
Michigan, County of _____ My
Commission Expires: _____ Acting in
Wayne County

DEVELOPER:

HAGGERTY SIX PARTNERS, LLC,
a Michigan limited liability company

By: _____

Its: _____

STATE OF MICHIGAN)
) ss.
COUNTY OF OAKLAND)

The foregoing instrument was acknowledged before me this _____ day of _____, 2024, by _____, _____ of Haggerty Six Partners, LLC a Michigan limited liability company, on behalf of said company.

_____, Notary Public
State of Michigan, County of _____
My Commission Expires: _____
Acting in Oakland County

Drafted by and when recorded return to:

EXHIBIT A
LEGAL DESCRIPTION

Part of the Southwest 1/4 of Section 7, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan described as beginning at a point, said point being distant North 00 degrees 32 minutes 50 seconds West 309.91 feet along the West line of said Section 7 and North 89 degrees 27 minutes 10 seconds East 60.00 feet from the Southwest corner of said Section 7; thence North 00 degrees 32 minutes 50 seconds West 1005.01 feet along the Easterly Right of Way line of Haggerty Road; thence North 89 degrees 28 minutes 17 seconds East 808.98 feet; thence South 00 degrees 32 minutes 50 seconds East 1262.56 feet; thence along the Northerly Right of Way line of Six Mile Road North 88 degrees 38 minutes 57 seconds West 161.70 feet and North 86 degrees 39 minutes 29 seconds West 3.31 feet; thence North 86 degrees 37 minutes 07 seconds West 166.39 feet; thence North 85 degrees 14 minutes 04 seconds West 162.37 feet and North 83 degrees 26 minutes 39 seconds West 177.75 feet; thence North 00 degrees 32 minutes 50 seconds West 203.82 feet; thence South 89 degrees 27 minutes 10 seconds West 140.00 feet to the Point of Beginning.

Property Address: 39200 Six Mile, Livonia, MI 48152

Tax Item No. 027-99-0008-001

EXHIBIT B

SITE PLAN

DRAFT

EXHIBIT C
CITY OF LIVONIA RESOLUTION

DRAFT

ADOPTED BY THE LIVONIA CITY COUNCIL AT THE REGULAR MEETING OF
April 15, 2024

Petition 2024-02-02-03 – Haggerty Six

#135-24 RESOLVED, that having considered a communication from the City Planning Commission, dated March 20, 2024, approved for submission by the Mayor, which transmits its resolution #03-10-2024, adopted on March 19, 2024, with regard to Petition 2024-02-02-03 submitted by Stonefield Engineering & Design on behalf of Haggerty Six Partners, LLC, seeking special waiver use approval for a Planned General Development consisting of eleven (11) buildings, including eight (8) with approximately 143,000 square feet of retail/commercial space, a 4-story hotel with 101 rooms, a 5-story apartment building with 170 dwelling units, and an existing multi-level parking garage, located at 39200 Six Mile Road, on the north side of Six Mile Road between Haggerty Road and Fox Drive in the Southwest $\frac{1}{4}$ of Section 7, the Council does hereby concur in the recommendation made by the City Planning Commission and Petition 2024-02-02-03 is hereby approved and granted, subject to the following conditions:

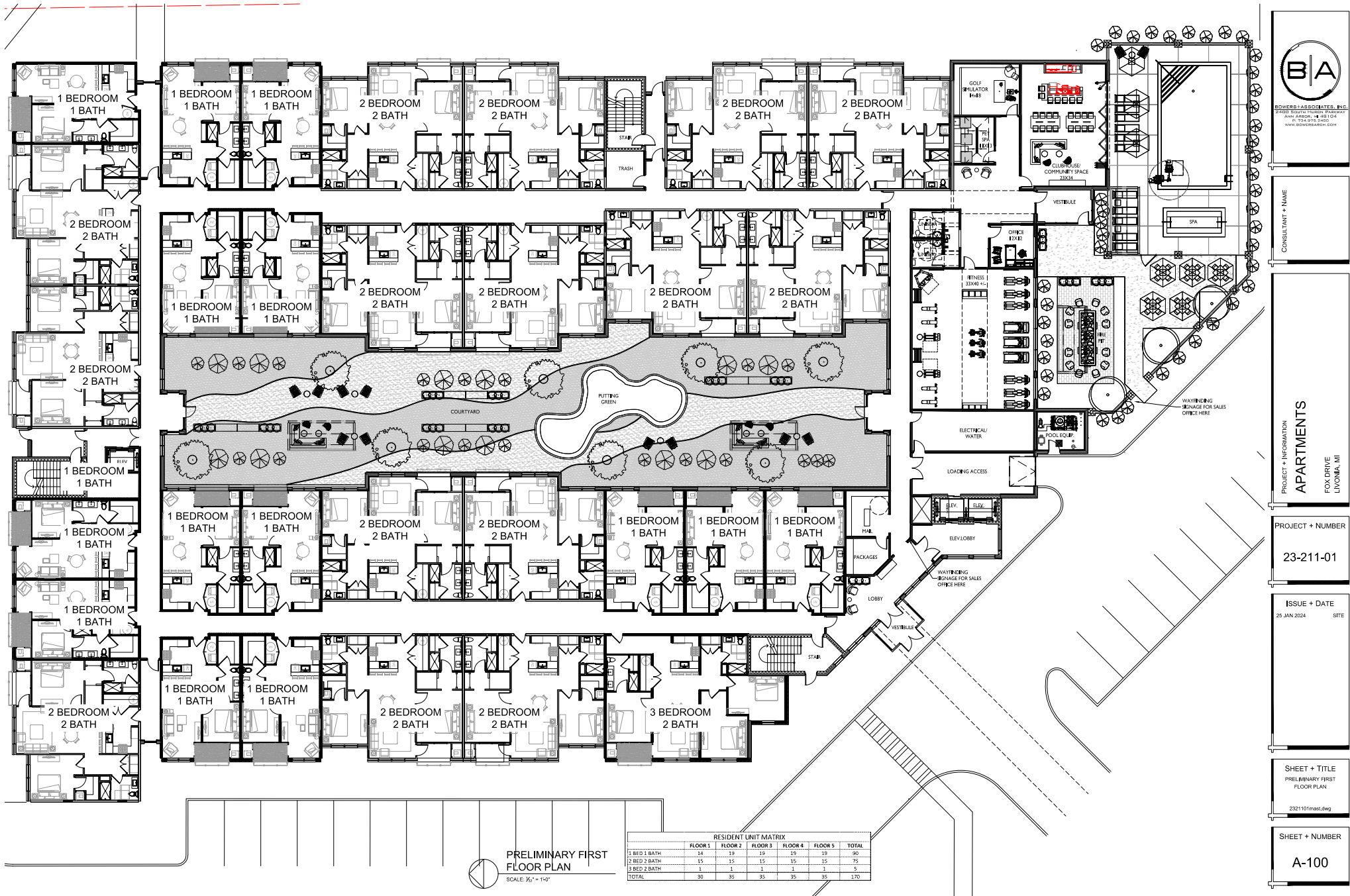
1. The Site Plan (Overall), Site Plan (North), and Site Plan (South) marked Drawings C-2, C-3, and C-4, respectively, all dated January 31, 2024, as revised, prepared by Stonefield Engineering & Design, are hereby approved, and shall be adhered to; except as modified below;
2. Building D, Building E, and the Hotel are approved in concept only, and more detailed plans, including site, landscaping, floor, and elevations, shall return to the Planning Commission for further review and approval before any building permits are issued;
3. The Landscaping Plans marked Drawings C-7, C-8, C-9, C-10, C-11, and C-12, and the Landscaping Details marked Drawing C-13, all dated January 31, 2024, as revised, prepared by Stonefield Engineering & Design, are hereby approved, and shall be adhered to, except that two (2) additional full-size trees shall be added to the Six Mile Road frontage to meet the ordinance requirements, and modifications shall be made to the area between the grocery store and the apartment building to provide a better visual screen using full-size evergreen trees;

4. That the Exterior Elevations labeled Apartments (Sheets A-300 & A-301), Grocery (Sheet A-300), Retail Building A (Sheet A-300), Retail Building B (Sheets A-300 & A-301), Retail Building C-1 (Sheet A-300), Retail Building C-2 identified as Retail Drive Thru (Sheet A-300), Retail Building G (Sheet A-300) and Retail Building H (Sheet A-300), inclusive, all dated January 25, 2024, prepared by Bowers + Associates, Inc., are hereby approved and shall be adhered to;
5. The Exterior Elevations for Building F Proposed Gym dated February 25, 2024, prepared by Club Studio, is hereby approved, and shall be adhered to;
6. This approval is subject to the Petitioner submitting a Development Agreement to be executed between the City and the Developer addressing items pertinent to the construction of the project as well as the long-term operation of the development, such as, but not limited to, project phasing including timing of the construction of the apartments to coincide with occupancy of any portion of the commercial buildings; divisions, leasing, and separation of ownership; parking; site design standards; permitted and prohibited uses; dimensional standards; and maintenance of utilities;
7. All rooftop mechanical equipment shall be concealed from public view on all sides by screening that shall be compatible with the material and color of other exterior materials on the buildings;
8. The walls of the trash/recycle enclosures shall be a minimum of six feet (6') in height and constructed out of the same masonry used in the construction of the buildings, or in the event a poured wall is substituted, the wall's design, texture and color shall match that of the buildings. The enclosure gates shall be solid steel or durable, long-lasting panel fiberglass;
9. This site shall meet the City of Livonia or the Wayne County Storm Water Management Ordinance, whichever applies, and secure any required permits, including soil erosion and sedimentation control permits;
10. All light fixtures shall not exceed a mounting height of thirty feet (30') and shall be aimed and shielded to minimize stray light trespassing across property lines and glaring into adjacent roadways;

11. The overall average illumination level for the parking lots shall be 1.0-foot candle as provided under Section 7.22 of the Zoning Ordinance;
12. Only conforming signage is approved with this petition, and any additional signage shall be separately submitted for review and approval by the Zoning Board of Appeals;
13. That no LED light band or exposed neon shall be permitted on this site, including, but not limited to, the buildings or around the windows;
14. The final construction drawings shall include the following changes and additions, subject to the review of the Planning and Inspection Departments: a) bike racks and benches throughout the development, b) EV charging stations in the parking lots, c) a fountain in the detention pond, d) sidewalks along Fox Drive and the pond, and e) a sidewalk along the north side of the main entrance drive from Haggerty Road with a second crosswalk between the parking lot of the grocery store and Building B;
15. That the specific plans referenced in this approving resolution shall be submitted to the Inspection Department at the time the building permits are applied for; and
16. Under Section 13.13 of the Livonia Zoning Ordinance, as amended, this approval is valid for one year only from the date of approval by the City Council. Unless a building permit is obtained, this approval shall be null and void at the expiration of said period.

EXHIBIT D BUILDING DRAWINGS

DRAFT



CONSULTANT + NAME

PROJECT + INFORMATION
APARTMENTS
FOX DRIVE
LYONIA, ILL

PROJECT + NUMBER
23-211-01

ISSUE + DATE
25 JAN 2024 SITE

SHEET + TITLE
PRELIMINARY FIRST
FLOOR PLAN
2321101.mxd.dwg

SHEET + NUMBER
A-100



PRELIMINARY UPPER
FLOOR PLAN

SCALE: 1/8" = 3'

	RESIDENT UNIT MATRIX					TOTAL
	FLOOR 1	FLOOR 2	FLOOR 3	FLOOR 4	FLOOR 5	
1 BED 1 BATH	14	19	19	19	19	90
2 BED 2 BATH	15	15	15	15	15	75
3 BED 2 BATH	1	1	1	1	1	5
TOTAL	30	35	35	35	35	170



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SHEET + TITLE

PRELIMINARY UPPER
FLOOR PLAN

2321101.upr.dwg

SHEET + NUMBER

A-101

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EXTERIOR
ELEVATION

SCALE: $\frac{3}{8}" = 1'-0"$



EXTERIOR
ELEVATION

SCALE: $\frac{3}{8}" = 1'-0"$

EXTERIOR FINISH LEGEND		
TAG	MATERIAL	COLOR
A	BRICK	TBD
B	BRICK	TBD
C	CAST STONE	ROCKCAST
D	EPS	TBD
E	METAL PANELS	ATAS VERTICAL RIBBED
F	METAL PANELS	ATAS COMPOSITE
G	METAL FRAMES	TBD
H	METAL CORING	TBD
J	METAL RAILINGS	TBD
K	METAL RAILINGS	TBD



EXTERIOR
ELEVATION

SCALE: $\frac{3}{8}" = 1'-0"$



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LYON, IL

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ELEVATIONS

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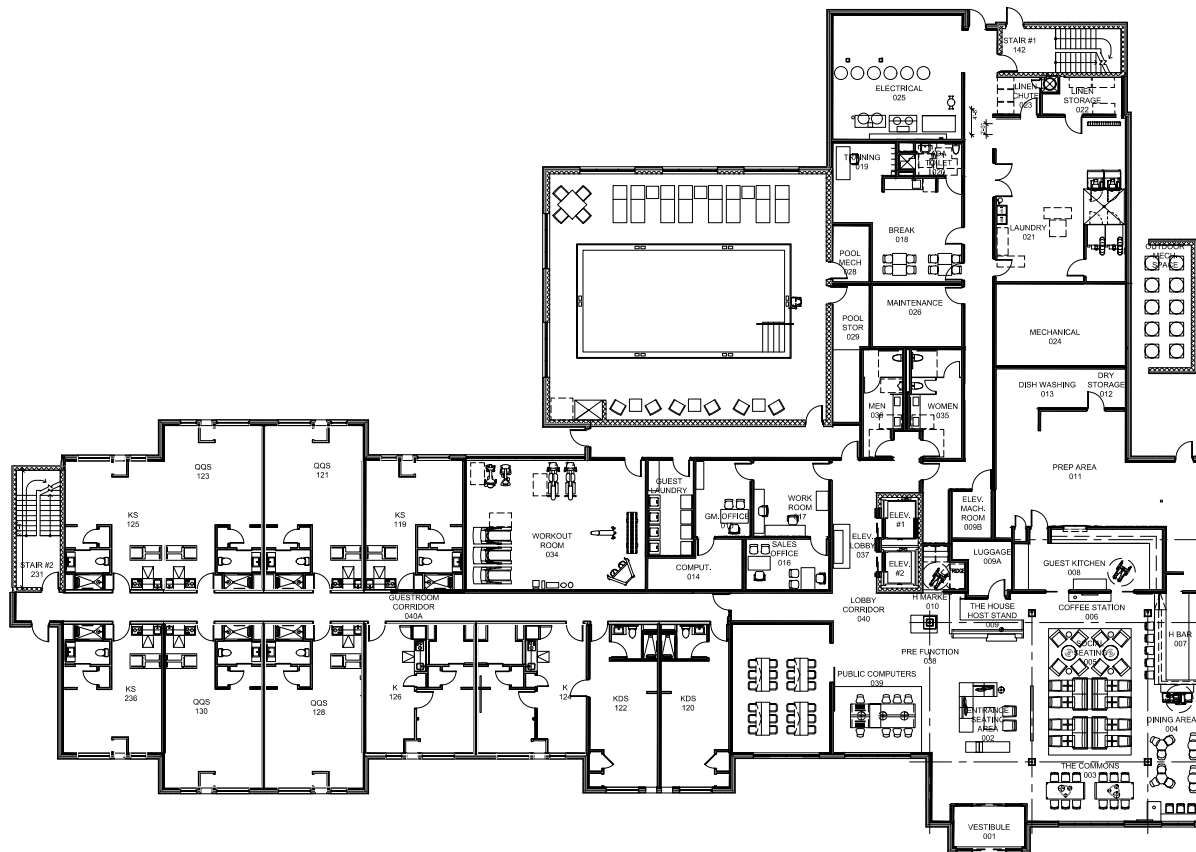
EXTERIOR
ELEVATION
SCALE: 3/8" = 1'-0"



EXTERIOR
ELEVATION
SCALE: 3/8" = 1'-0"



EXTERIOR
ELEVATION
SCALE: 3/8" = 1'-0"



FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



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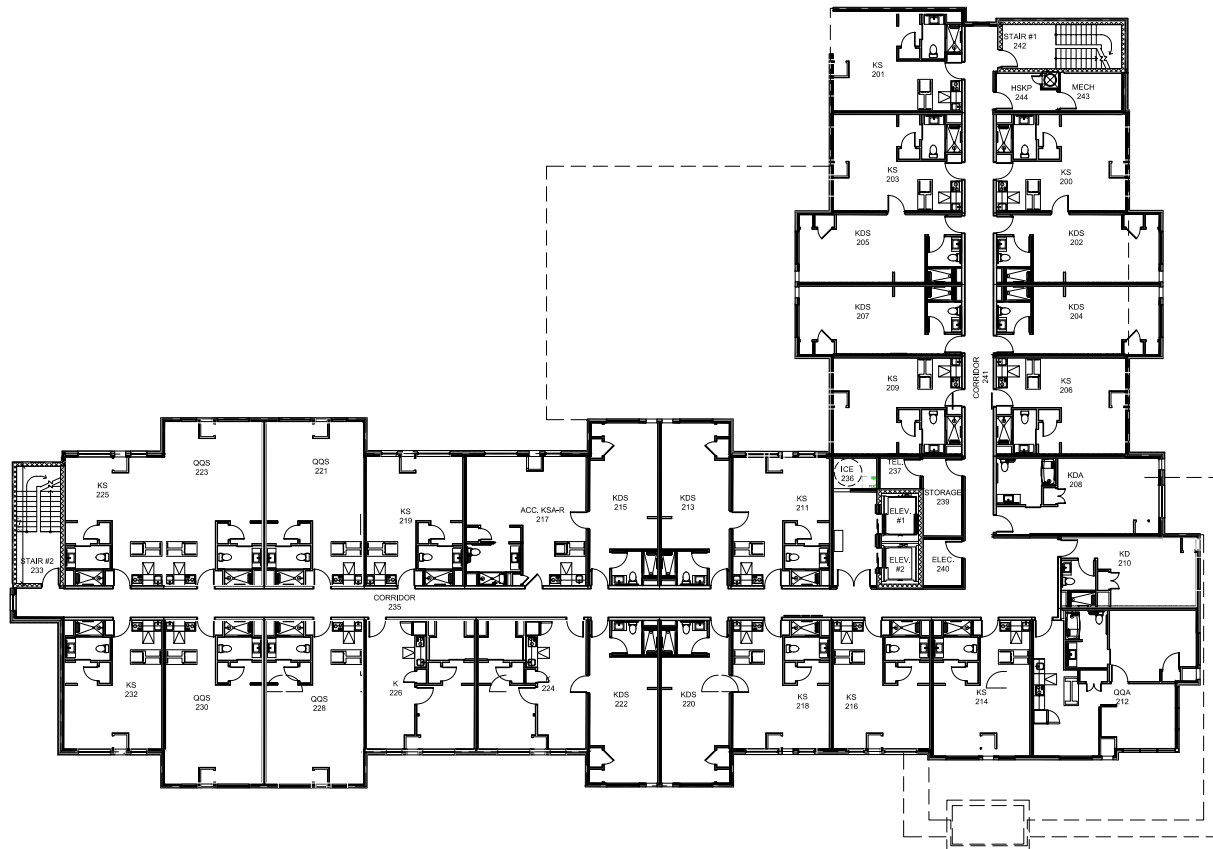
FIRST FLOOR PLAN

2321102first.dwg

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GUESTROOM MATRIX					
	FLOOR 1	FLOOR 2	FLOOR 3	FLOOR 4	TOTAL
HOTEL					
K KING 1 BEDRM (SHOWER)	2	2	2	2	8
KD KING DEN (SHOWER)	0	1	1	1	3
KDA KING DEN ACC (TUB)	0	1	1	1	3
KDS KING DEN SLITE	2	4	4	4	14
KS KING STUDIO (SHOWER)	2	13	13	13	41
KSA KING STUDIO ACC (TUB)	0	0	1	0	1
KSA-R KING STUDIO ACC (ROLL IN SHOWER)	0	1	0	0	1
KW KING 1 BEDRM WIDE (SHOWER)	0	0	0	1	1
QQA QUEEN 1 BEDRM ACC (TUB)	0	1	1	0	2
QOC QUEEN 1 BEDRM CORNER (SHOWER)	0	0	0	1	1
QOS QUEEN STUDIO (SHOWER)	8	8	8	8	32
TOTAL	14	31	31	31	107

PRELIMINARY
UPPER FLOOR PLAN
SCALE: 1/8" = 1'-0"



CONSULTANT + NAME



PROJECT + INFORMATION
FOX DRIVE
LYONIA, ILL

PROJECT + NUMBER
23-211-02

ISSUE + DATE
25 JAN 2024 SITE

SHEET + TITLE
UPPER FLOOR PLAN

2321102.mxd.dwg

SHEET + NUMBER
A-101

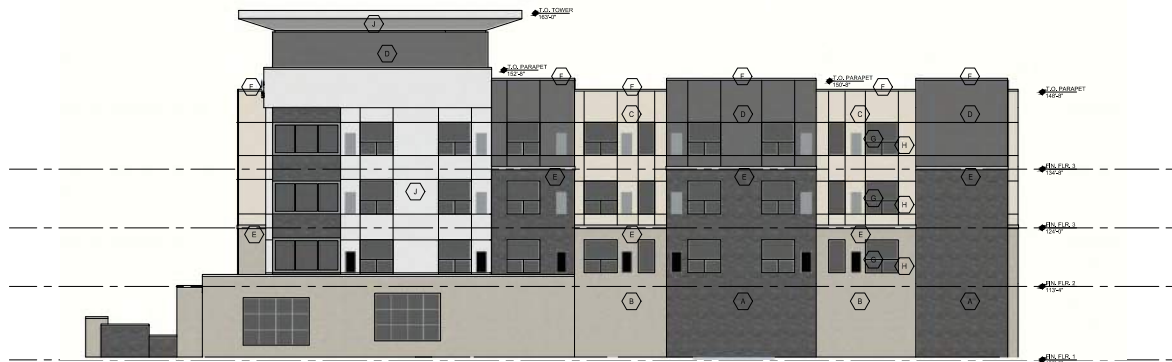
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EAST
ELEVATION

SCALE: 3/8" = 1'-0"

EXTERIOR FINISH LEGEND				
TAG	MATERIAL	MANUF	STYLE	COLOR
A	BRICK VENEER	BELDON BRICK	SEMI SMOOTH FACE BRICK	BLACK DIAMOND VELOUR
B	BRICK VENEER	BELDON BRICK	FACE BRICK	TO MATCH COLOR C
C	EIFS	STO	LIMESTONE	10308 PEARL 86
D	EIFS	STO	LIMESTONE	TO MATCH COLOR A
E	CAST STONE	ROCKCAST	SMOOTH	
F	METAL COPING	ATAS OR EQUAL	PREFINISHED	TO MATCH ADJACENT
G	ANOD. ALUM. FRAME	TO BID	PREFINISHED	CLEAR ANODIZED
H	METAL LOUVER	TO BID	PREFINISHED	TO MATCH ADJACENT
I	METAL PANELS	TBD	TBD	CLEAR ANODIZED



NORTH
ELEVATION

SCALE: 3/8" = 1'-0"



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EXTERIOR
ELEVATIONS

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SHEET + NUMBER

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WEST
ELEVATION

SCALE: $\frac{3}{8}" = 1'-0"$



NORTH
ELEVATION

SCALE: $\frac{3}{8}" = 1'-0"$

EXTERIOR FINISH LEGEND			
TAG	MATERIAL	MANUF	STYLE
A	BRICK VENEER	BILDON BRICK	SEMI SMOOTH FACE BRICK
B	BRICK VENEER	BILDON BRICK	FACE BRICK
C	EIFS	STO	LIMESTONE
D	EIFS	STO	LIMESTONE
E	CAST STONE	ROCKCAST	SMOOTH
F	METAL COPING	ATLAS OR EQUAL	PREFINISHED
G	ANOD. ALUM. FRAME	TO BID	PREFINISHED
H	METAL LOUVER	TO BID	PREFINISHED
I	METAL PANELS	TBD	TBD
			COLOR
			BLACK DIAMOND VELOUR
			TO MATCH COLOR C
			10308 PEARL BS
			TO MATCH COLOR A
			TO MATCH ADJACENT
			CLEAR ANODIZED
			TO MATCH ADJACENT
			CLEAR ANODIZED



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ISSUE + DATE

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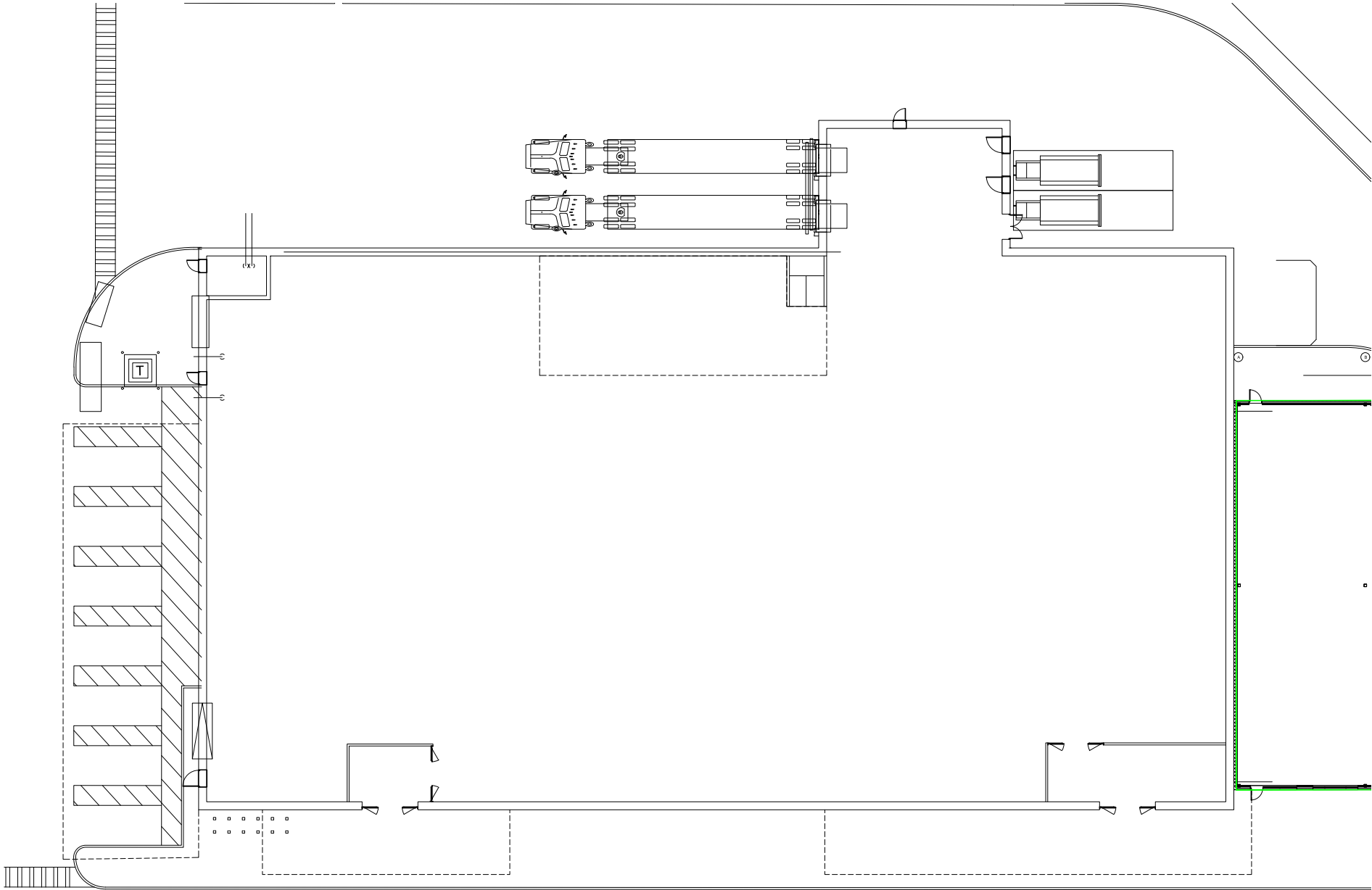
EXTERIOR
ELEVATIONS

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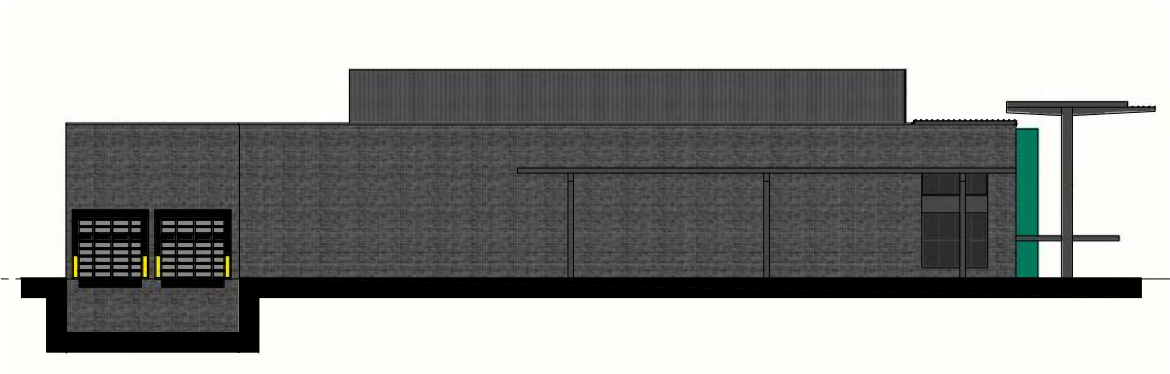
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FOX DRIVE
LYONIA, MI

PROJECT + NUMBER
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FOX DRIVE
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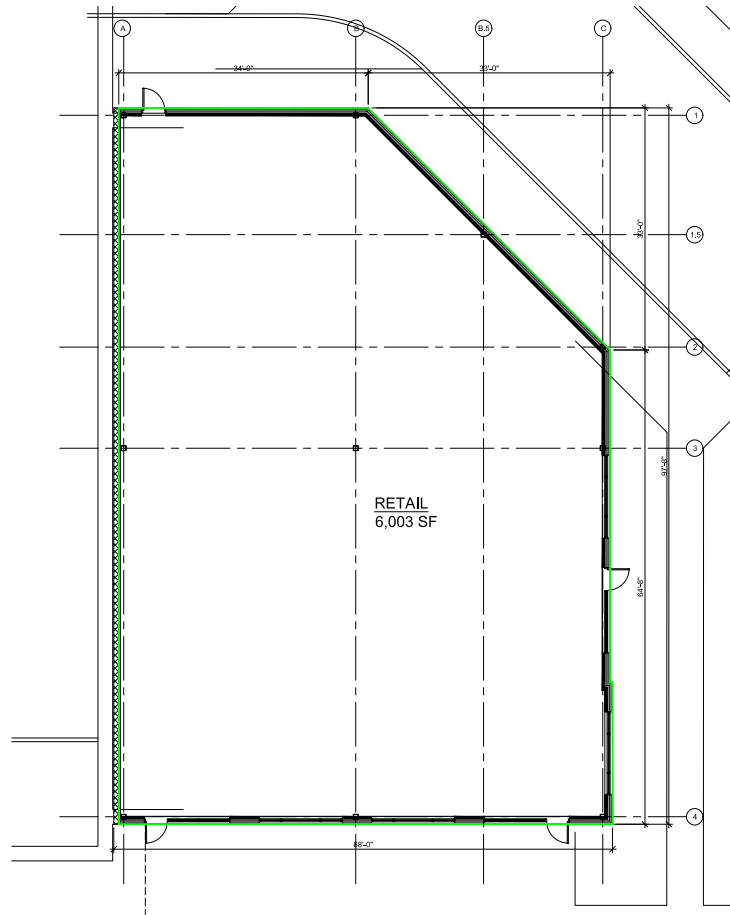
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ELEVATIONS

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 **BUILDING 'A'**
SCALE: 1" = 14'



EAST ELEVATION

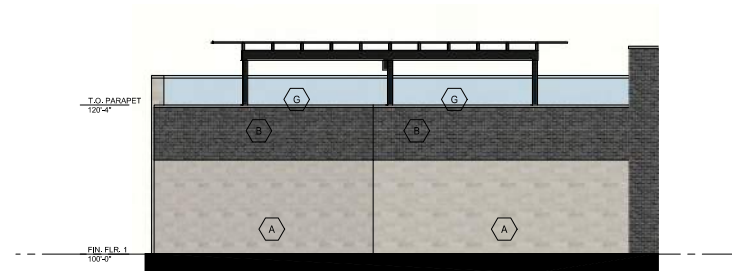
SCALE: $\frac{1}{8}'' = 1'-0''$

EXTERIOR FINISH LEGEND		
TAG	MATERIAL	COLOR
A	STONE MASONRY	ROCKCAST
B	BRICK	BURNED BRICK
C	METAL PANELS	ATAS VERTICAL RIBBED
D	METAL FRAMES	TBD
E	METAL CANOPY	TBD
F	METAL PAINTED	TBD
G	METAL CORING	TBD
H	FIBER CEMENT PANEL	NICH-HA ROUGHSAWN WOOD LOOK



SOUTH ELEVATION

SCALE: $\frac{1}{8}'' = 1'-0''$



NORTH ELEVATION

SCALE: $\frac{1}{8}'' = 1'-0''$



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SHEET + TITLE

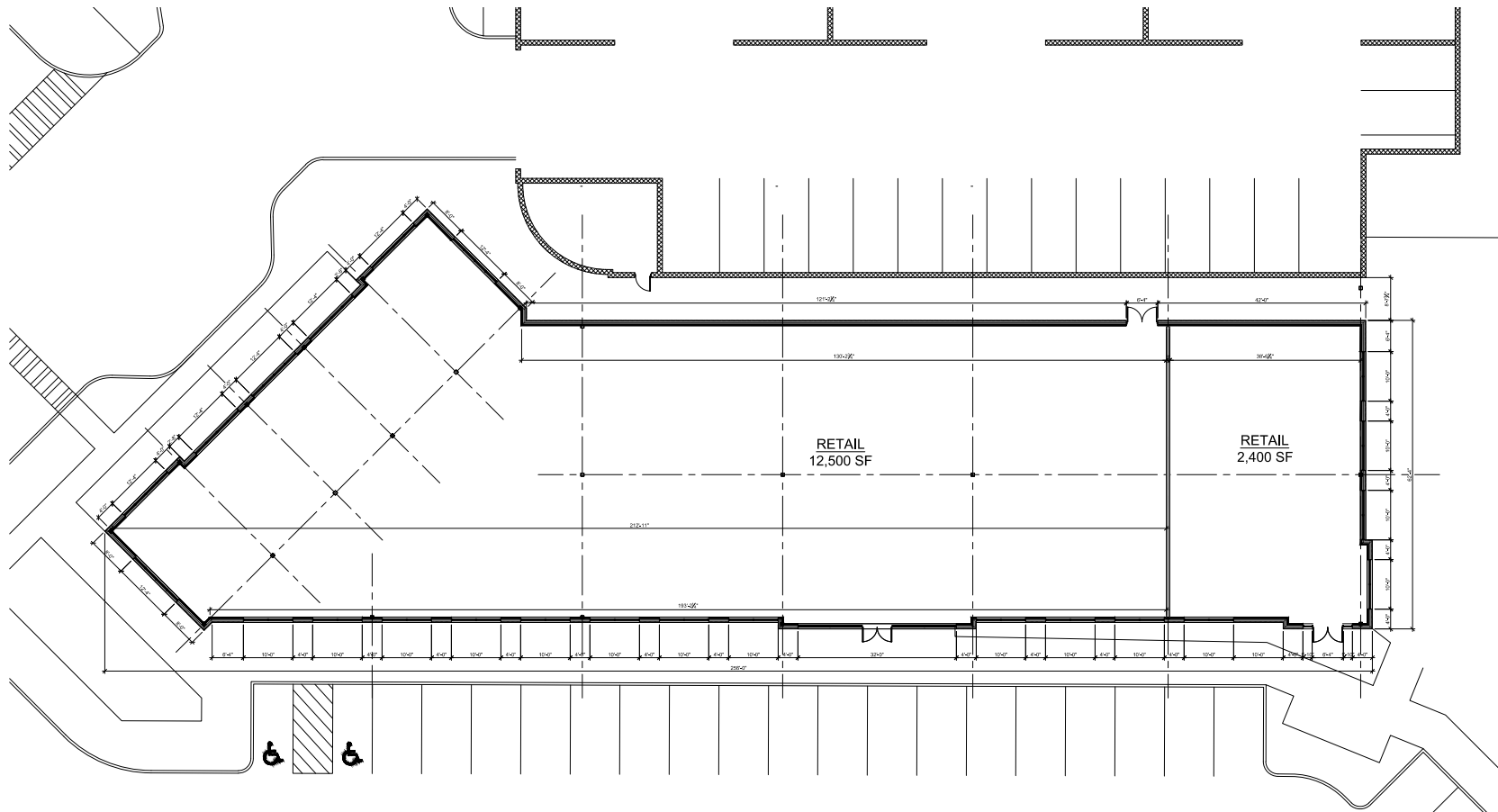
EXTERIOR ELEVATIONS

2321106a300.dwg

SHEET + NUMBER

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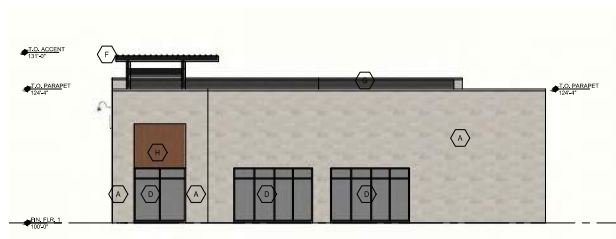
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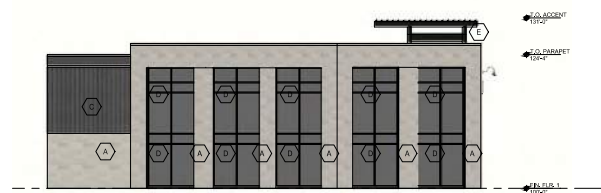
BUILDING 'H'
SCALE: 1/8" = 1'-0"



**SOUTH
ELEVATION**
SCALE: $\frac{1}{8}'' = 1'-0''$

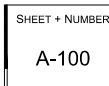


**EAST
ELEVATION**
SCALE: $\frac{1}{8}'' = 1'-0''$



**WEST
ELEVATION**
SCALE: $\frac{1}{8}'' = 1'-0''$

TAG	MATERIAL	HANDWRITABLE	COLOR
A	STONE MASONRY	ROCKCAST	BUFFSTONE
B	BRICK	BELDEN BRICK	DARK BRICK
C	METAL PANELS	ATAS VERTICAL RIBBED	GRAY
D	METAL FRAMES	TBD	
E	METAL CANOPY	TBD	
F	METAL PAINTED	TBD	
G	METAL COPING	TBD	
H	FIBER CEMENT PANEL	NICH-HA ROUGHSAWN WOOD LOCK	



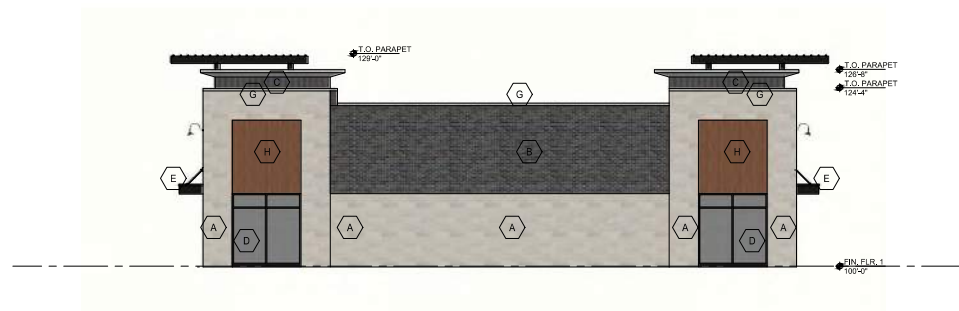
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EXTERIOR
ELEVATION

SCALE: 1/8" = 1'-0"

EXTERIOR FINISH LEGEND		
TAG	MATERIAL	COLOR
A	STONE MASONRY	ROCKCAST
B	BRICK	BELTZEN BRICK
C	METAL PANELS	TBD
D	METAL FRAMES	TBD
E	METAL CANOPY	TBD
F	METAL PAINTED	TBD
G	METAL CORING	TBD
H	FIBER CEMENT PANEL	NICH-114 ROUGH-SAWN WOOD LOOK

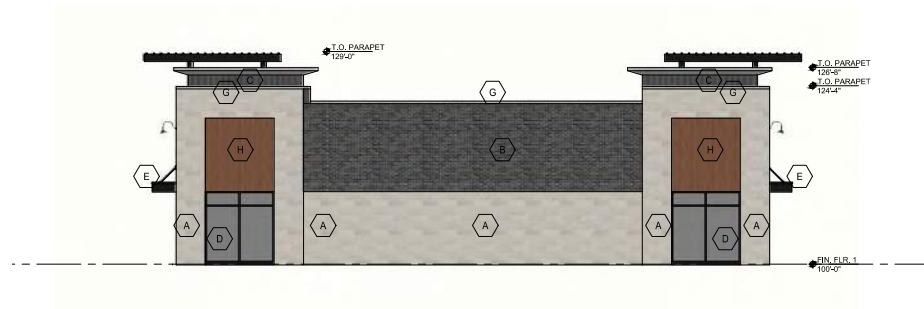


EXTERIOR
ELEVATION

SCALE: 1/8" = 1'-0"



EXTERIOR
ELEVATION
SCALE: $\frac{1}{8}" = 1'-0"$



EXTERIOR
ELEVATION
SCALE: $\frac{1}{8}" = 1'-0"$



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**RETAIL
BUILDING B**
FOX DRIVE
LYONIA, MI

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23-211-08

ISSUE + DATE

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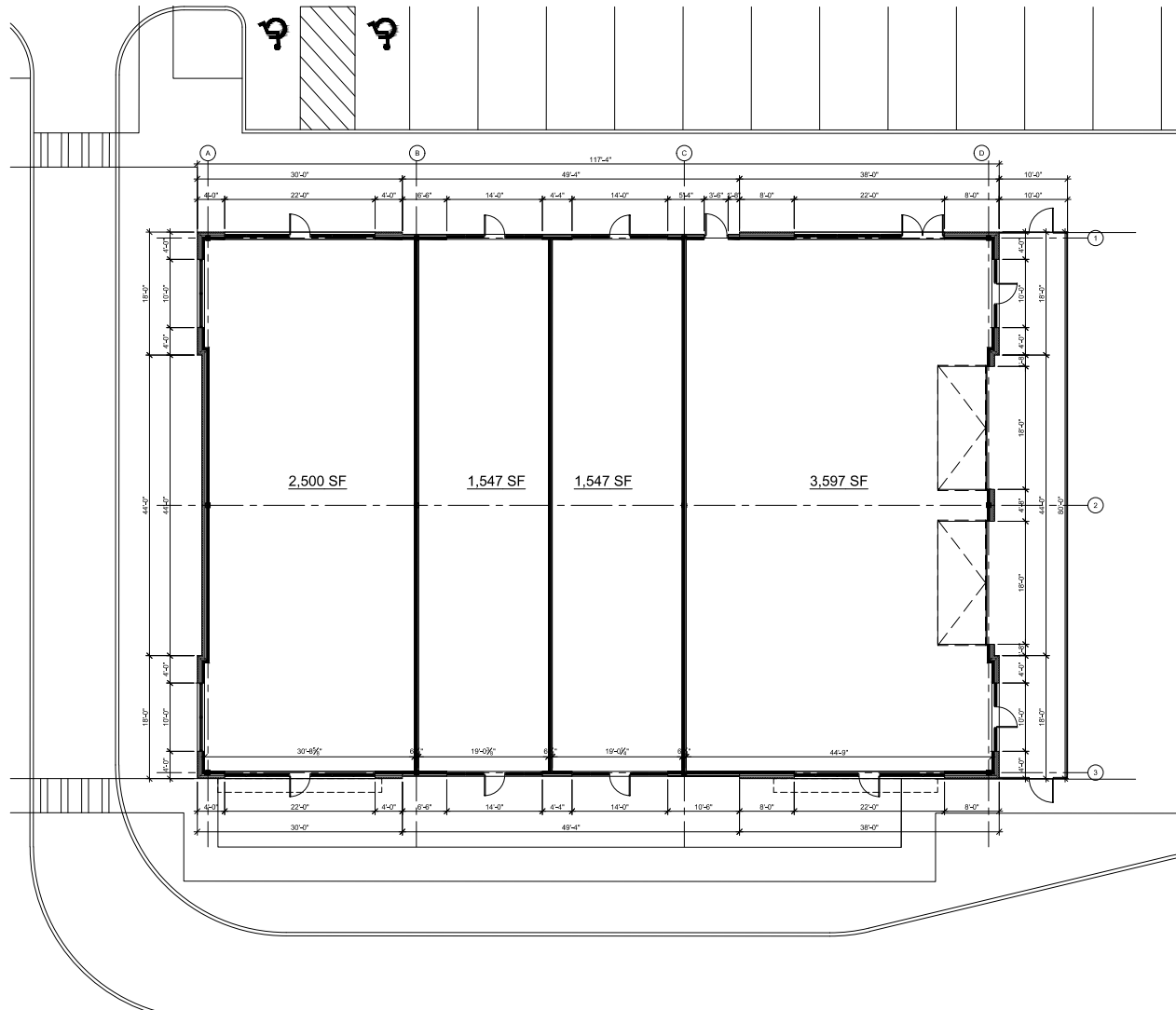
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EXTERIOR
ELEVATIONS

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SHEET + NUMBER

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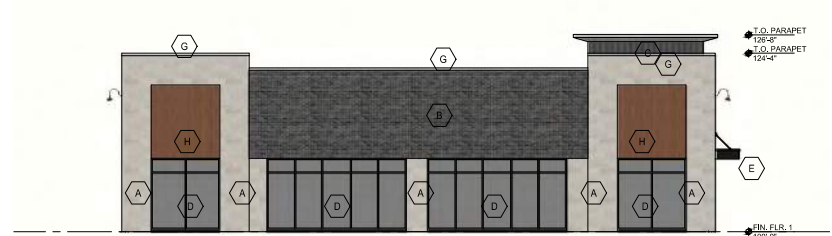
 **BUILDING 'C.1'**
SCALE: 1/8" = 1'-0"



EXTERIOR
ELEVATION

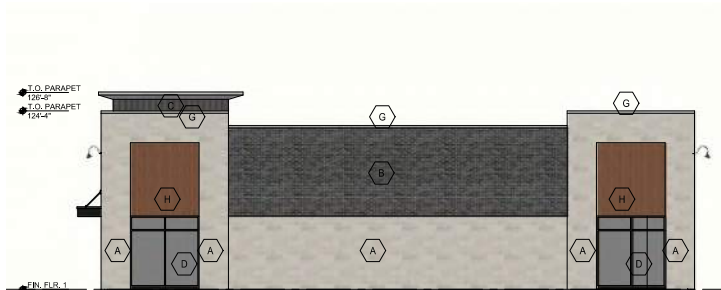
SCALE: 3/8" = 1'-0"

TAG	MATERIAL	MANUFACTURE	COLOR
A	STONE MASONRY	ROCKCAST	BUFFSTONE
B	BRICK	BELDEN BRICK	DARK BRICK
C	METAL PANELS	TBD	
D	METAL FRAMES	TBD	
E	METAL CANOPY	TBD	
F	METAL PAINTED	TBD	
G	METAL CORNING	TBD	
H	FIBER CEMENT PANEL	2X6-3/4" ROUGH SAWN WOOD LOOK	



EXTERIOR
ELEVATION

SCALE: 3/8" = 1'-0"



EXTERIOR
ELEVATION

SCALE: 3/8" = 1'-0"



EXTERIOR
ELEVATION

SCALE: 3/8" = 1'-0"



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BUILDING C.1**
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LYONK, MI

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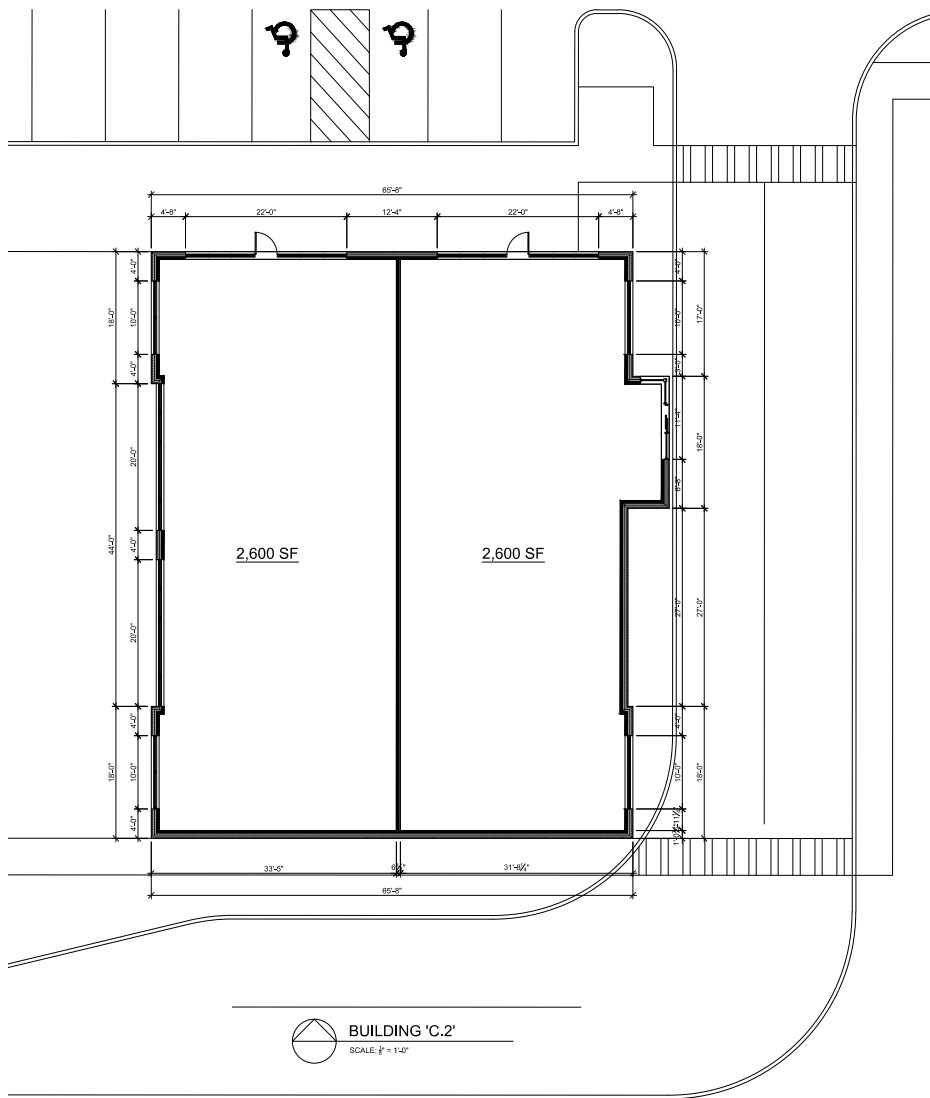
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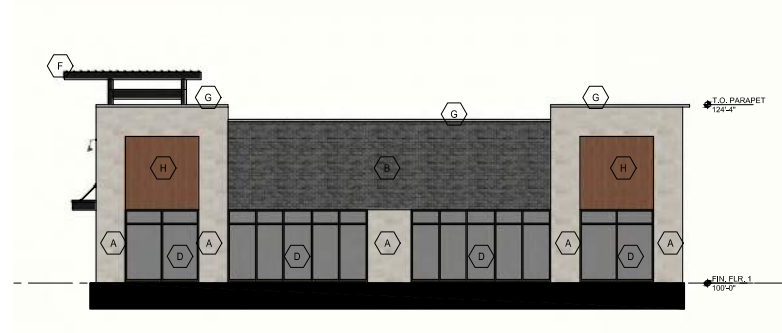


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SHEET + TITLE FLOOR PLAN 2321110rev1.dwg
SHEET + NUMBER A-100

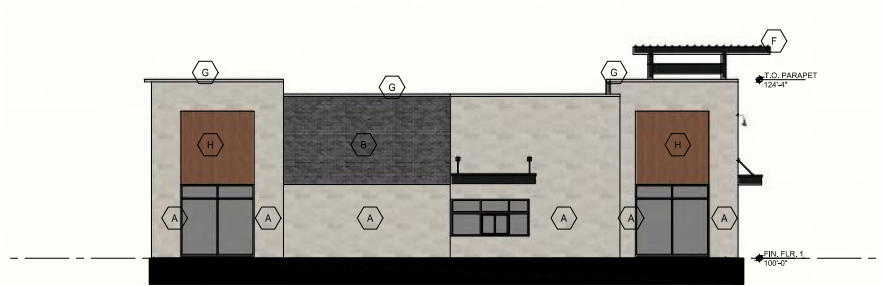
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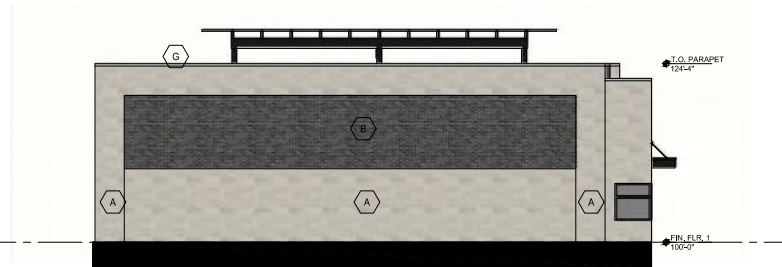
EXTERIOR
ELEVATION
SCALE: 1/8" = 1'-0"



EXTERIOR
ELEVATION
SCALE: 1/8" = 1'-0"

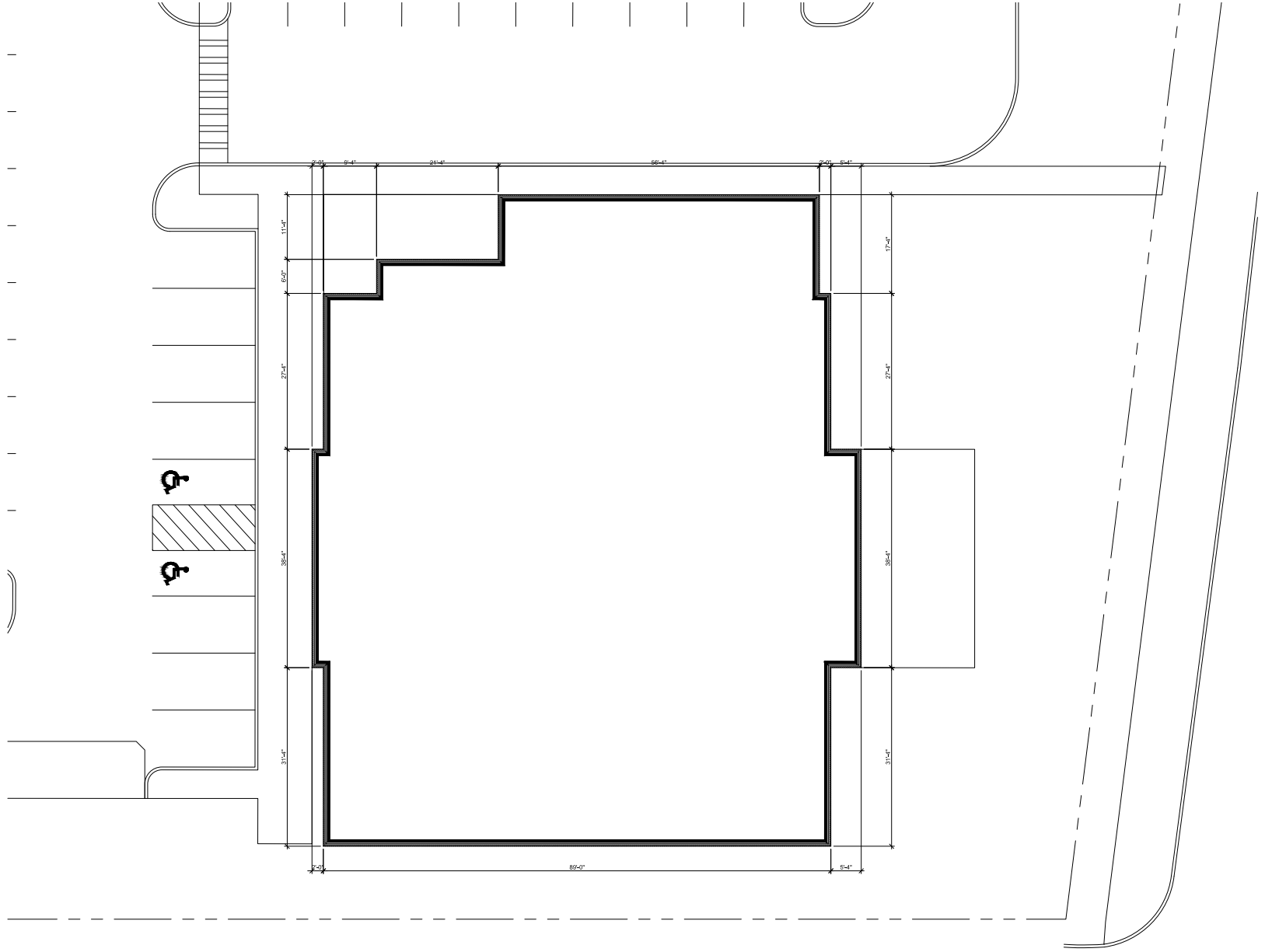


EXTERIOR
ELEVATION
SCALE: 1/8" = 1'-0"



EXTERIOR
ELEVATION
SCALE: 1/8" = 1'-0"

EXTERIOR FINISH LEGEND		
TAG	MATERIAL	TRANSPARENCY
A	STONE MASONRY	ROCKCAST
B	BRICK	BULDEN
C	NOT USED	
D	METAL FRAMES	TBD
E	METAL CANOPY	TBD
F	METAL PAINTED	TBD
G	METAL CORNER	TBD
H	FIBER CEMENT PANEL	NICHINA ROUGHSAWY WOOD LOOK





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PROJECT + NUMBER

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SHEET + TITLE

FLOOR PLAN

232111floor.dwg

SHEET + NUMBER

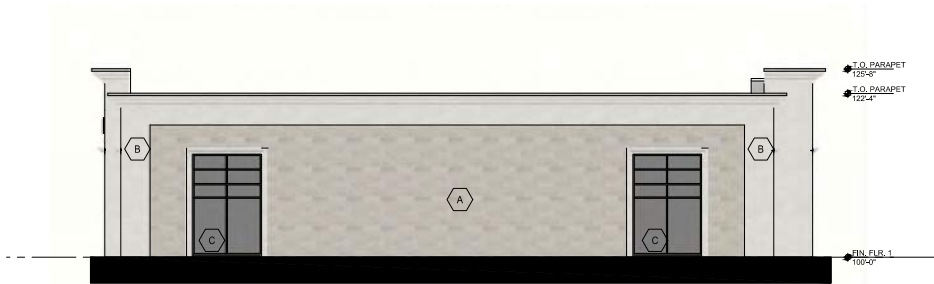
A-100



EXTERIOR
ELEVATION

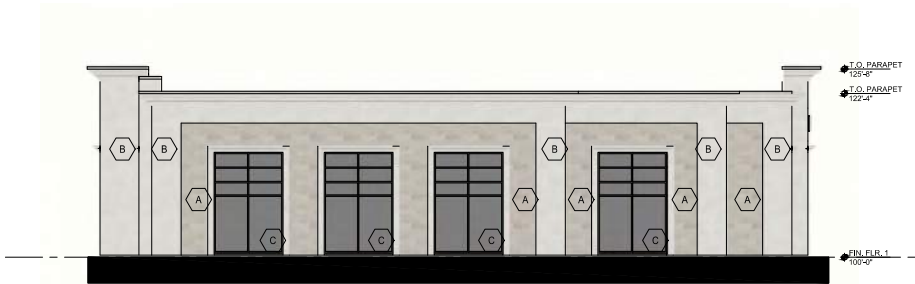
SCALE: $\frac{1}{8}'' = 1'-0''$

EXTERIOR FINISH LEGEND		
TAG	MATERIAL	FINISH/STYLE
A	STONE MASONRY	ROCKCAST
B	STONE ACCENTS	ROCKCAST
C	METAL FRAMES	TBD



EXTERIOR
ELEVATION

SCALE: $\frac{1}{8}'' = 1'-0''$



EXTERIOR
ELEVATION

SCALE: $\frac{1}{8}'' = 1'-0''$



EXTERIOR
ELEVATION

SCALE: $\frac{1}{8}'' = 1'-0''$



CONSULTANT + NAME

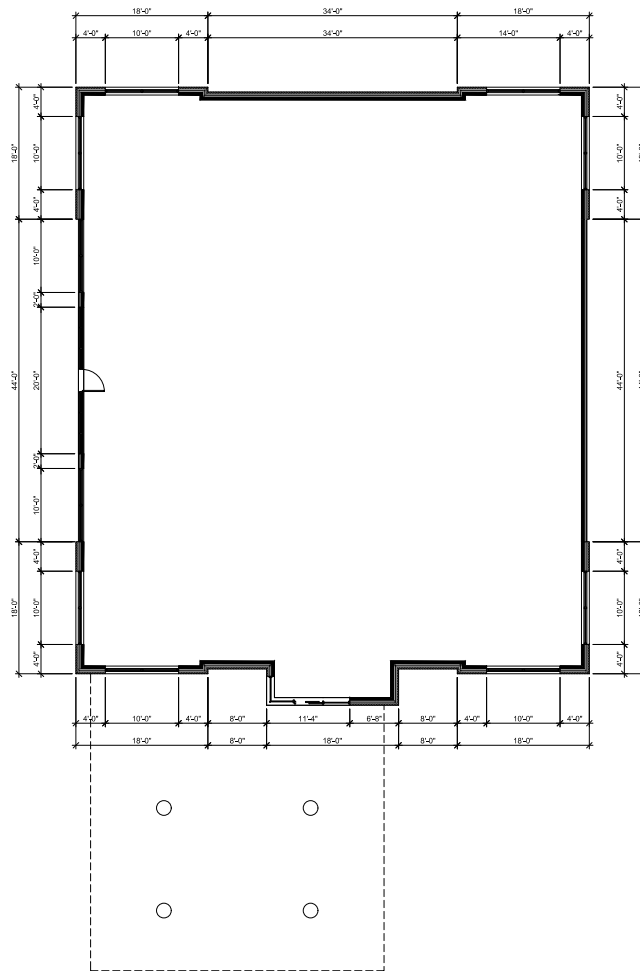
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FOX DRIVE
LYON, ILL

PROJECT + NUMBER
23-211-11

ISSUE + DATE
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**BANK
BUILDING E**
FOX DRIVE
LYONK, MI

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EXTERIOR
ELEVATION
SCALE: 3/8" = 1'-0"

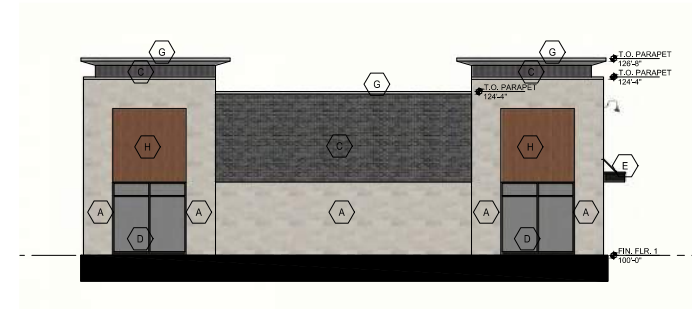


EXTERIOR
ELEVATION
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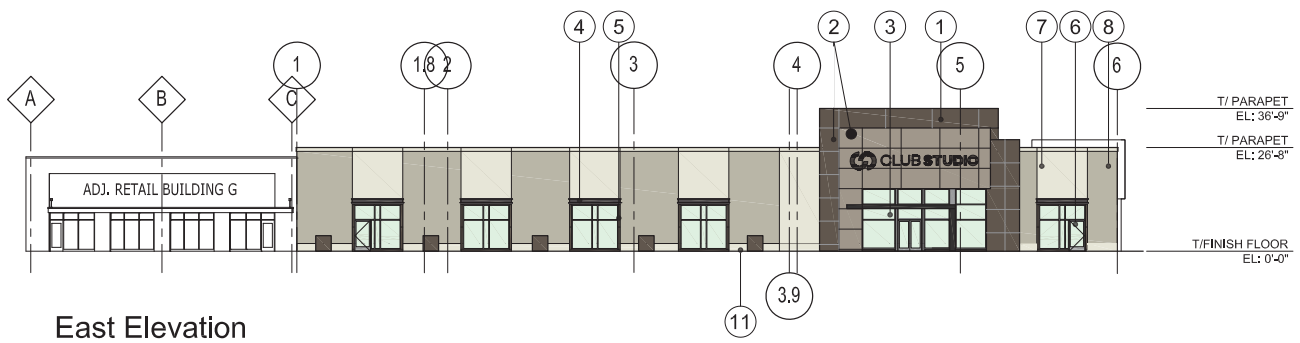
EXTERIOR FINISH LEGEND		
TAG	MATERIAL	COLOR
A	STONE MASONRY	BLUFFSTONE
B	BRICK	BELDEN
C	METAL PANELS	ATAS VERTICAL RIBBED
D	METAL FRAMES	TBD
E	METAL CANOPY	TBD
F	METAL PAINTED	TBD
G	METAL CORNING	TBD
H	RIBER CEMENT PANEL	NICH-HA ROUGHSAWN WOOD LOOK



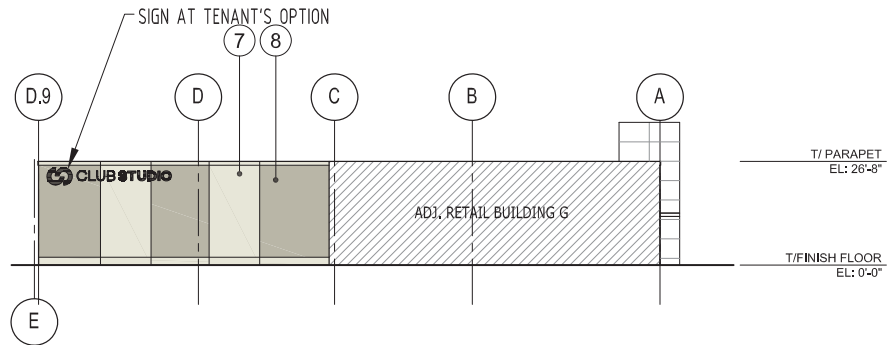
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ELEVATION
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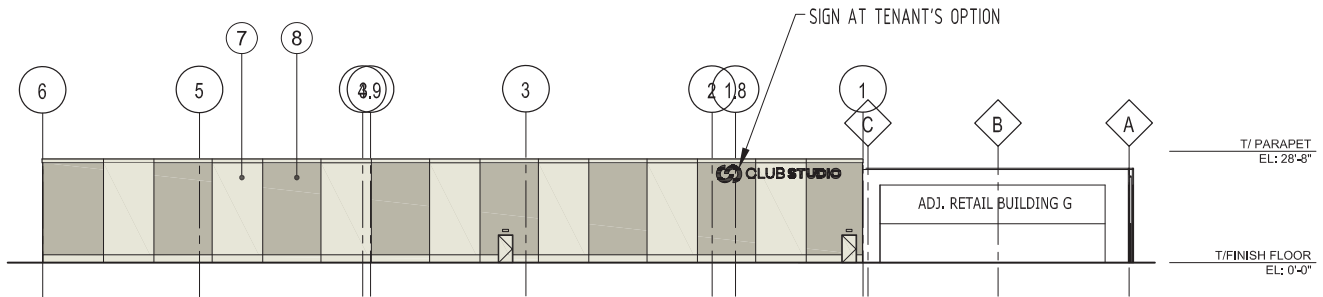
EXTERIOR
ELEVATION
SCALE: 3/8" = 1'-0"



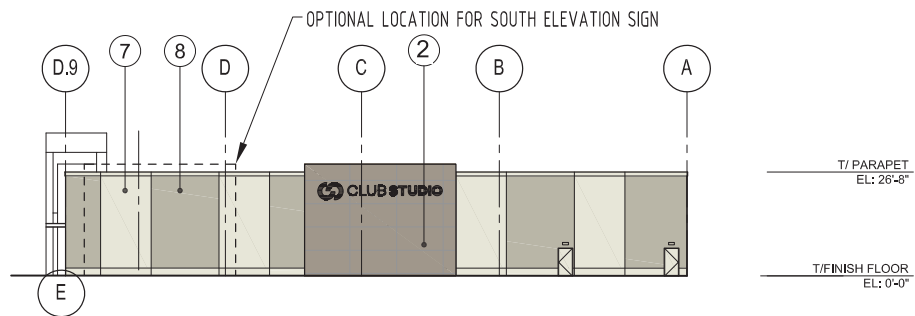
East Elevation



North Elevation



West Elevation



South Elevation

GENERAL NOTES:

1. Information provided for design intent only. Design professional of record is responsible for verification of all applicable code requirements. Wall types illustrated are for preliminary space planning only; the design professional shall be responsible for code conformance and floor plan development per Fitness International's programming criteria. These plans are specifically not for use as layers to be imported into documents / files or to be used as tracing underlayment(s) for construction documents / files by the professional of record for this or any other project.

MATERIAL LEGEND:

1	Prefinished Aluminum Panels - Kynar color 'Charcoal Gray'	2	Prefinished Aluminum Panels - Kynar color 'Slate Gray'	3	Prefinished Aluminum Panels - Kynar color 'T.B.D.'	4	Painted Galvanized Steel Canopy - Match Kynar color 'Charcoal Gray'
5	Prefinished Aluminum Panels at Window Surrounds - Kynar color 'Charcoal Gray'	6	Curtainwall and Entry Doors - Clear Anodized Finish w/ Dual Glazed Green Tint Glass	7	Painted Precast Panel - Dunn Edwards Paints 'Abstract White' #DE6232	8	Painted Precast Panel - Dunn Edwards Paints 'Reclaimed Wood' #DET625



Proposed Elevations -Livonia MI (Six Mile Rd)

Tier (TBD)

02.05.24



DRAFT

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CONSULTANT + NAME

PROJECT + INFORMATION
RETAIL
BUILDING G
FOX DRIVE
LIVONIA, MI

PROJECT + NUMBER

23-211-14

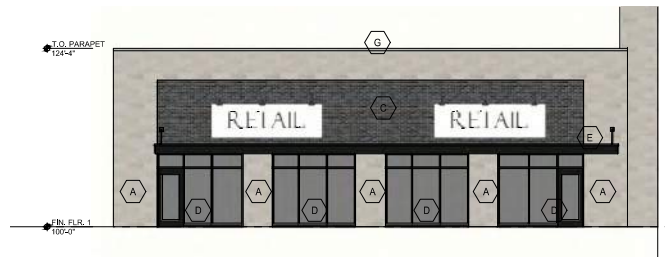
ISSUE + DATE	
JAN 2024	SITE

SHEET + TITLE
BUILDING 'G'

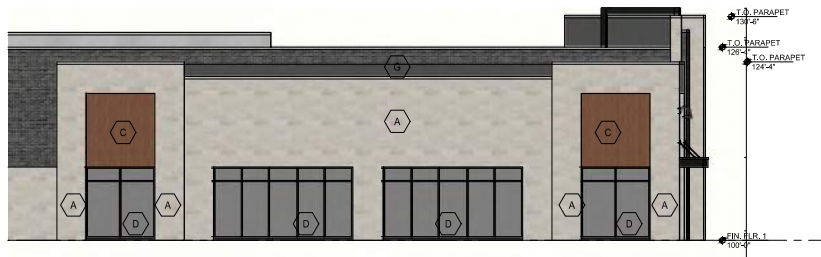
2321114mast.dwg

SHEET + NUMBER

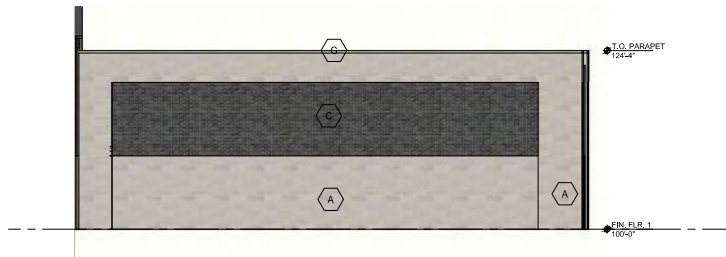
A-100



EXTERIOR
ELEVATION
SCALE: 1/4" = 1'-0"



EXTERIOR
ELEVATION
SCALE: 1/4" = 1'-0"



EXTERIOR
ELEVATION
SCALE: 1/4" = 1'-0"

EXTERIOR FINISH LEGEND		
TAG	MATERIAL	MANIFEST
A	STONE MASONRY	ROCCCAST
B	METAL PANELS	TBD
C	BRICK	BELDEN
D	METAL FRAMES	TBD
E	METAL CANOPY	TBD
F	METAL PAINTED	TBD
G	METAL CORING	TBD
H	FIBER CEMENT PANEL	NICHHA VINTAGE WOOD
		COLOR
		BUFFSTONE
		CARBON BLACK
		REDWOOD



BOWERS ASSOCIATES, INC.
2400 SOUTH HUNTER PARKWAY
ANN ARBOR, MI 48106
P: 734.975.1800
WWW.BOWERSARCH.COM

CONSULTANT + NAME

PROJECT + INFORMATION
RETAIL
BUILDING G
FOX DRIVE
LYONIA, MI

PROJECT + NUMBER

23-211-14

ISSUE + DATE

25 JAN 2024 SITE

SHEET + TITLE
EXTERIOR
ELEVATIONS

2321114a300.dwg

SHEET + NUMBER

A-300

EXHIBIT E EXTERIOR MATERIALS

Type	Manuf / Style	Color
Brick	Belden	Black Diamond Velour
Metal Panel	ATAS	Forest Green
Metal Panel	ATAS	Black
Metal Panel	Cityscapes Mech Screen	V Ribbed Electric Black
Metal Frames	Kawneer	Black Anod. Alum
Metal Painted	Sherwin Williams	Match Atas Black Panels
Glazing	Vitro	Clear Low-E
Stone Masonry	Rockcast	Buffstone
Nichiha	Vintage Wood Roughsawn	Tobacco

DRAFT

Regular Meeting Minutes of April 15, 2024

On a motion by Councilmember Donovic, supported by Councilmember Budzinski, it was:

#135-24 RESOLVED, that having considered a communication from the City Planning Commission, dated March 20, 2024, approved for submission by the Mayor, which transmits its resolution #03-10-2024, adopted on March 19, 2024, with regard to Petition 2024-02-02-03 submitted by Stonefield Engineering & Design on behalf of Haggerty Six Partners, LLC, seeking special waiver use approval for a Planned General Development consisting of eleven (11) buildings, including eight (8) with approximately 143,000 square feet of retail/commercial space, a 4-story hotel with 101 rooms, a 5-story apartment building with 170 dwelling units, and an existing multi-level parking garage, located at 39200 Six Mile Road, on the north side of Six Mile Road between Haggerty Road and Fox Drive in the Southwest $\frac{1}{4}$ of Section 7, the Council does hereby concur in the recommendation made by the City Planning Commission and Petition 2024-02-02-03 is hereby approved and granted, subject to the following conditions:

1. The Site Plan (Overall), Site Plan (North), and Site Plan (South) marked Drawings C-2, C-3, and C-4, respectively, all dated January 31, 2024, as revised, prepared by Stonefield Engineering & Design, are hereby approved, and shall be adhered to; except as modified below;
2. Building D, Building E, and the Hotel are approved in concept only, and more detailed plans, including site, landscaping, floor, and elevations, shall return to the Planning Commission for further review and approval before any building permits are issued;
3. The Landscaping Plans marked Drawings C-7, C-8, C-9, C-10, C-11, and C-12, and the Landscaping Details marked Drawing C-13, all dated January 31, 2024, as revised, prepared by Stonefield Engineering & Design, are hereby approved, and shall be adhered to, except that two (2) additional full-size trees shall be added to the Six Mile Road frontage to meet the ordinance requirements, and modifications shall be made to the area between the grocery store and the apartment building to provide a better visual screen using full-size evergreen trees;
4. That the Exterior Elevations labeled Apartments (Sheets A-300 & A-301), Grocery (Sheet A-300), Retail Building A (Sheet A-300), Retail Building B (Sheets A-300 & A-301), Retail Building C-1 (Sheet A-300), Retail Building C-2 identified as Retail Drive Thru (Sheet A-300), Retail Building G (Sheet A-300) and Retail Building H (Sheet A-300), inclusive, all dated January 25, 2024, prepared by Bowers + Associates, Inc., are hereby approved and shall be adhered to;

Regular Meeting Minutes of April 15, 2024

5. The Exterior Elevations for Building F Proposed Gym dated February 25, 2024, prepared by Club Studio, is hereby approved, and shall be adhered to;
6. This approval is subject to the Petitioner submitting a Development Agreement to be executed between the City and the Developer addressing items pertinent to the construction of the project as well as the long-term operation of the development, such as, but not limited to, project phasing including timing of the construction of the apartments to coincide with occupancy of any portion of the commercial buildings; divisions, leasing, and separation of ownership; parking; site design standards; permitted and prohibited uses; dimensional standards; and maintenance of utilities;
7. All rooftop mechanical equipment shall be concealed from public view on all sides by screening that shall be compatible with the material and color of other exterior materials on the buildings;
8. The walls of the trash/recycle enclosures shall be a minimum of six feet (6') in height and constructed out of the same masonry used in the construction of the buildings, or in the event a poured wall is substituted, the wall's design, texture and color shall match that of the buildings. The enclosure gates shall be solid steel or durable, long-lasting panel fiberglass;
9. This site shall meet the City of Livonia or the Wayne County Storm Water Management Ordinance, whichever applies, and secure any required permits, including soil erosion and sedimentation control permits;
10. All light fixtures shall not exceed a mounting height of thirty feet (30') and shall be aimed and shielded to minimize stray light trespassing across property lines and glaring into adjacent roadways;
11. The overall average illumination level for the parking lots shall be 1.0-foot candle as provided under Section 7.22 of the Zoning Ordinance;
12. Only conforming signage is approved with this petition, and any additional signage shall be separately submitted for review and approval by the Zoning Board of Appeals;
13. That no LED light band or exposed neon shall be permitted on this site, including, but not limited to, the buildings or around the windows;

Regular Meeting Minutes of April 15, 2024

14. The final construction drawings shall include the following changes and additions, subject to the review of the Planning and Inspection Departments: a) bike racks and benches throughout the development, b) EV charging stations in the parking lots, c) a fountain in the detention pond, d) sidewalks along Fox Drive and the pond, and e) a sidewalk along the north side of the main entrance drive from Haggerty Road with a second crosswalk between the parking lot of the grocery store and Building B;
15. That the specific plans referenced in this approving resolution shall be submitted to the Inspection Department at the time the building permits are applied for; and
16. Under Section 13.13 of the Livonia Zoning Ordinance, as amended, this approval is valid for one year only from the date of approval by the City Council. Unless a building permit is obtained, this approval shall be null and void at the expiration of said period.

<i>CONSENT AGENDA ITEM 2 (Regular Meeting of April 15, 2024)</i>

Motion:	Donovic
Second:	Budzinski
Ayes:	Donovic, Budzinski, Ptashnik, McCullough
Nays:	None
Absent:	Morgan, Jolly, Toy

From: Miller, Lori <lmiller@livonia.gov>
Sent: Wednesday, November 20, 2024 4:03 PM
To: DeMarco, Doris <ddemarco@livonia.gov>
Subject: FW: Six and Haggerty - CR135-24

Lori Miller, MiPMC Level 2

City Clerk

City of Livonia | City Clerk

(734) 466-2233

lmiller@livonia.gov

From: Miller, Lori <lmiller@livonia.gov>
Sent: Wednesday, November 20, 2024 4:02 PM
To: Taormina, Mark <mtaormina@livonia.gov>; ddmarco@livonia.gov
Subject: RE: Six and Haggerty - CR135-24

Sounds good, thanks!

Lori Miller, MiPMC Level 2

City Clerk

City of Livonia | City Clerk

(734) 466-2233

lmiller@livonia.gov

From: Taormina, Mark <mtaormina@livonia.gov>
Sent: Wednesday, November 20, 2024 3:30 PM
To: Miller, Lori <lmiller@livonia.gov>; ddmarco@livonia.gov
Subject: RE: Six and Haggerty - CR135-24

Excellent! I'll call her tomorrow to see what she needs.

Mark Taormina

Planning and Economic Development Director

City of Livonia | Planning Department

(734) 466-2292

mtaormina@livonia.gov

From: Miller, Lori <lmiller@livonia.gov>

Sent: Wednesday, November 20, 2024 3:29 PM

To: Taormina, Mark <mtaormina@livonia.gov>; ddmarco@livonia.gov

Subject: RE: Six and Haggerty - CR135-24

Mark:

Doris has received their information and will put them on the 12/02 Study Agenda.

She is out of the office at the moment but will handle it tomorrow when she returns.

If you need anything else, please let one of us know. And, if Doris has any questions, she will be in touch.

Thank you.

Lori Miller, MiPMC Level 2

City Clerk

City of Livonia | City Clerk

(734) 466-2233

lmiller@livonia.gov

From: Taormina, Mark <mtaormina@livonia.gov>
Sent: Wednesday, November 20, 2024 2:28 PM
To: Miller, Lori <lmiller@livonia.gov>; ddmarco@livonia.gov
Subject: FW: Six and Haggerty - CR135-24

Lori/Doris,

What is needed to put this on the December 2nd Study agenda?

Mark

Mark Taormina

Planning and Economic Development Director
City of Livonia | Planning Department
(734) 466-2292
mtaormina@livonia.gov

Mark Taormina

Planning and Economic Development Director
City of Livonia | Planning Department
(734) 466-2292
mtaormina@livonia.gov

From: Williams, Eric <ewilliams@stonefieldeng.com>
Sent: Tuesday, November 19, 2024 11:23 AM
To: Miller, Lori <lmiller@livonia.gov>; ddmarco@livonia.gov; Kasprowicz, Sara
<skasprowicz@livonia.gov>
Cc: Doraid Markus <dmarkus@markusllc.com>; Heffernan, Kevin
<kheffernan@stonefieldeng.com>; Bauer, Nik <nbauer@stonefieldeng.com>; Scott
Bowers <scottb@bowersarch.com>; Mark Wright <markw@bowersarch.com>; Taormina,
Mark <mtaormina@livonia.gov>; Fisher, Mike <mfisher@livonia.gov>
Subject: RE: Six and Haggerty - CR135-24

Good afternoon, all - could you confirm receipt of this submission? Could you also provide an idea of when this might go in front of council?

Thank you,

Eric Williams, PE

STONEFIELD

M 734.546.4941

From: Williams, Eric

Sent: Friday, November 15, 2024 12:14 PM

To: lmiller@livonia.gov; ddmarco@livonia.gov; skasprowicz@livonia.gov

Cc: Doraid Markus <dmarkus@markusllc.com>; Heffernan, Kevin <kheffernan@stonefieldeng.com>; Bauer, Nik <nbauer@stonefieldeng.com>; Scott Bowers <scottb@bowersarch.com>; Mark Wright <markw@bowersarch.com>; Taormina, Mark <mtaormina@livonia.gov>; Fisher, Mike <mfisher@livonia.gov>

Subject: Six and Haggerty - CR135-24

Good afternoon, City of Livonia team – please see attached our request to be placed on an upcoming study meeting with city council to review and approve the proposed development agreement. If you have any questions, feel free to reach out.

Thank you,

Eric Williams, PE

STONEFIELD

555 S. Old Woodward, Suite 12L, Birmingham, MI 48009

T 248.247.1115 | M 734.546.4941 | F 201.340.4472

ewilliams@stonefieldeng.com | stonefieldeng.com

From: DeMarco, Doris <ddemarco@livonia.gov>
Sent: Thursday, November 21, 2024 11:02 AM
To: Taormina, Mark <mtaormina@livonia.gov>
Cc: Fisher, Mike <mfisher@livonia.gov>; Miller, Lori <lmiller@livonia.gov>
Subject: Re: December 2, Council Study

I uploaded two (2) attachments.

Doris DeMarco

Deputy Clerk
City of Livonia | City Clerk
(734) 466-2236
ddemarco@livonia.gov

From: Taormina, Mark <mtaormina@livonia.gov>
Sent: Thursday, November 21, 2024 10:47 AM
To: DeMarco, Doris <ddemarco@livonia.gov>
Cc: Fisher, Mike <mfisher@livonia.gov>; Miller, Lori <lmiller@livonia.gov>
Subject: RE: December 2, Council Study

Thanks, Doris. Do you have the attachments?

Mark Taormina

Planning and Economic Development Director
City of Livonia | Planning Department
(734) 466-2292
mtaormina@livonia.gov

From: DeMarco, Doris <ddemarco@livonia.gov>
Sent: Thursday, November 21, 2024 10:41 AM

To: Taormina, Mark <mtaormina@livonia.gov>

Cc: Fisher, Mike <mfisher@livonia.gov>; Miller, Lori <lmiller@livonia.gov>

Subject: Re: December 2, Council Study

The item has been placed on the 12/2 Study Agenda. Thank you for the wording.

Have a great day!

Doris DeMarco

Deputy Clerk

City of Livonia | City Clerk

(734) 466-2236

ddemarco@livonia.gov

From: Taormina, Mark <mtaormina@livonia.gov>

Sent: Thursday, November 21, 2024 9:46 AM

To: DeMarco, Doris <ddemarco@livonia.gov>

Cc: Fisher, Mike <mfisher@livonia.gov>; Miller, Lori <lmiller@livonia.gov>

Subject: RE: December 2, Council Study

Thanks, Doris.

Mark Taormina

Planning and Economic Development Director

City of Livonia | Planning Department

(734) 466-2292

mtaormina@livonia.gov

From: DeMarco, Doris <ddemarco@livonia.gov>
Sent: Thursday, November 21, 2024 9:20 AM
To: Taormina, Mark <mtaormina@livonia.gov>
Cc: Fisher, Mike <mfisher@livonia.gov>; Miller, Lori <lmiller@livonia.gov>
Subject: Re: December 2, Council Study

Good morning!

Thanks for this email, and sorry I missed your call; I was on the other line. I want to bring Lori up to speed and get her input. Give me about an hour to do that, take care of a couple of office items, and then I'll reach out. Oh, and it will be placed on the 12/2 Study, no issue (well, pending Council agenda approval, but I don't foresee an issue there).

Thanks!

Doris DeMarco

Deputy Clerk
City of Livonia | City Clerk
(734) 466-2236
ddemarco@livonia.gov

From: Taormina, Mark <mtaormina@livonia.gov>
Sent: Thursday, November 21, 2024 9:07 AM
To: DeMarco, Doris <ddemarco@livonia.gov>
Cc: Fisher, Mike <mfisher@livonia.gov>
Subject: December 2, Council Study

Hi Doris,

Here's how the agenda item should read for this item.

REQUEST TO APPROVE THE SHOPPES AT COLLEGE PARK PLANNED GENERAL DEVELOPMENT AGREEMENT BETWEEN THE CITY OF LIVONIA AND HAGGERTY SIX PARTNERS, LLC: Department of Law, re: Petition 2024-02-02-03 approved by the Council on April 15, 2024, pursuant to CR 135-24, requesting waiver use approval for a Planned General Development consisting of a retail shopping center and multi-family housing under a single unified plan, located at 39200 Six Mile Road, on the north side of Six Mile Road between Haggerty Road and Fox Drive in the Southwest ¼ of Section 7.

Mark ext. 2292

Mark Taormina

Planning and Economic Development Director

City of Livonia | Planning Department

(734) 466-2292

mtaormina@livonia.gov

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

3.

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

3. WAIVER PETITION: Planning Commission, re: Petition 2024-10-02-17, submitted by CJ's Party Rentals, requesting waiver use approval to operate a truck rental facility that includes the outdoor storage of Budget Rental Trucks at 37055 Industrial Road in the Northwest ¼ of Section 29.

Mark Taormina, City Planner, presented this matter to Council and indicated the waiver use petition is to allow truck rental facility on the property with CJ's Party Rentals. The property is on Industrial Road just east of Newburgh Road and is zoned industrial and is surrounded by all industrial. The principal use is rental of supplies for parties including rental of tables and chairs and the Petitioner is trying to supplement their income during slower times of the year by renting out 13-14 parking spaces for truck storage on the property. The Planning Commission recommended approval as submitted.

The Petitioner, Sherice Jones, 37055 Industrial Road, was present to answer any questions of Council.

Councilmember Toy inquired how long this business has been in Livonia. The Petitioner stated they were formally in Farmington Hills but have been in business for the last 3 years and have grown over the years. Ms. Jones indicated the maximum number of trucks on her site so far has been six and the funds help keep employees of her business employed year-round, even in the downtimes.

Vice President Ptashnik inquired if the truck rental is for people to rent to use the party supplies or how the truck rental part would go. Ms. Jones replied they are just leased by Budget Rental and not for the retrieval of party supplies.

Councilmember Donovic inquired if the waiver use was tied solely to this petitioner. Mr. Taormina indicated that condition was not include in the adopted resolution by the Planning Commission but could be an added condition prior to Council's approval. Councilmember Donovic asked Councilmember Toy if she would agree to that condition being added prior to Council approval and Toy responded in the affirmative.

DIRECTION:

APPROVING

CONSENT



LETTER TO THE LIVONIA CITY COUNCIL

3.

Planning
November 18, 2024

MEETING DATE

S120224/R121824

PRESENTED BY

AGENDA ITEM

WAIVER PETITION: Planning Commission, re: Petition 2024-10-02-17, submitted by CJ's Party Rentals, to operate a truck rental facility that includes the outdoor storage of Budget Rental Trucks at 37055 Industrial Road in the Northwest ¼ of Section 29.

BACKGROUND DETAILS

November 18, 2024

Honorable Members of the City Council
City of Livonia, Michigan

Re: Petition 2024-10-02-17 - Cj's Party Rentals

Dear Council Members:

At the 1,222nd Public Hearing and Regular Meeting held by the City Planning Commission on November 12, 2024, the following resolution was adopted:

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

#10-58-2024 RESOLVED, That pursuant to a Public Hearing having been held by the City Planning Commission on November 12, 2024, Petition 2024-10-02-17 submitted by CJ's Party Rentals, requesting waiver use approval under Sections 3.17 of the City of Livonia Zoning Ordinance, as amended, to operate a truck rental facility that includes the outdoor storage of Budget Rental Trucks at 37055 Industrial Road in the Northwest ¼ of Section 29. The City Planning Commission does hereby recommend to the City Council that Petition 2024-10-02-17 be approved subject to the following conditions:

1. That the site plan, as received by the Planning Commission on October 11, 2024, are hereby approved and shall be adhered to.
2. That the open storage of Rental Trucks shall be restricted to the confined areas of the property as shown on the approved the site plan. Any changes in the locations and extent of recreational equipment storage shall first be approved by the Planning and Inspection Department; and

3. That only conforming signage is approved with this petition, and any additional signage shall be separately submitted for review and approval by the Zoning Board of Appeals.

FURTHER RESOLVED, That notice of the above hearing was given in accordance with the provisions of Section 13.13 of Livonia Zoning Ordinance, as amended.

ATTACHMENTS

1. 2024-10-02-17_E-COUNCIL Pkt

APPROVED BY



Mark Taormina, Planning and Economic Development Director

Date: November 18, 2024



Maureen Miller Brosnan, Mayor

Date: November 21, 2024

Petition 2024-10-02-17 submitted by CJ's Party Rentals, requesting waiver use approval under Sections 3.17 of the City of Livonia Zoning Ordinance, as amended, to operate a truck rental facility that includes the outdoor storage of Budget Rental Trucks at 37055 Industrial Road in the Northwest ¼ of Section 29.

CITY OF LIVONIA, MICHIGAN
APPLICATION FOR WAIVER USE APPROVAL

All applications must be presented in triplicate to the City Clerk, 33000 Civic Center Drive, Livonia, MI 48154-3097. Applications **must** include property owner's name, address and notarized signature.

For filing fee see below for computation

Date Filed: 10-9-24 Petition 2024-10-02-17

Site Address: 32055 Industrial Sidwell _____ Zoning of Property M2

Requesting Approval To Building Planning

Applicant: Charisse Jones Business/Company: CT's Party Rentals

Applicant's Address: 5988 Treetops Dr City: Romulus State: MI Zip Code: 48174

Applicant's Phone # (313) 953-0308 Applicant's Email Sherri@cjspartyrental.com

Contact Person: Charisse Jones Business/Company: CT's Party Rentals

Contact's Address: 5988 Treetops Dr City: Romulus State: MI Zip Code: 48174

Contact's Phone # (313) 953-0308 Contact's Email Sherri@cjspartyrental.com

Please provide the following information:

1) Site Plan showing:

- property dimensions, including road right-of-way & building setback lines
- foot print of building(s), including dimensions & square footage
- all easements, protective walls, sidewalks & existing trees
- any significant topographic features (existing or proposed)
- parking layout, including type of surface material, sizes of spaces & aisles
- method used in calculating parking requirement
- location of light standards servicing parking lot & cutout showing type & height
- location of trash receptacle, including description of screening
- location of signs

2) Detailed Landscape Plan including:

- listing or labeling of all planted materials as to type and size
- areas to be fully irrigated
- percentage of landscaping provided (15% of total site required)

3) Building Elevation Plan depicting:

- architectural quality
- wall section & detail plan - exterior building materials must be labeled (i.e. brick, thin brick, etc.)
- all visible rooftop mechanical equipment and how they will be screened

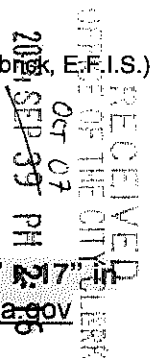
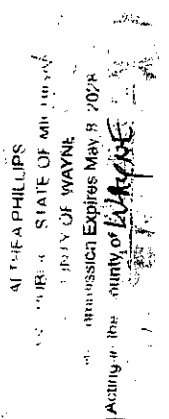
4) General Floor Plan showing:

- floor layout
- entrances & exits
- restaurants are required to illustrate seating arrangement & capacity

5) One (1) set of reduced plans (i.e. site, landscape, elevation, floor), a maximum 11" x 17" size, or digital file in a .pdf format either on CD or emailed to planning@livonia.gov

6) Legal Description of the property to be considered (Clearly Printed)

7) Three (3) completed application forms & three (3) sets of full-size drawings



You are invited and encouraged to review your proposal with the Planning Department staff. Only one set of preliminary drawings will be necessary for this analysis.

FEE COMPUTATION **\$700.00 (\$400 publication fee plus \$300 base review fee) plus**

_____ sq. ft. of new construction x \$20.00 per 1,000 sq. ft. plus \$30 per lot or unit for residential construction.

(NOTE: Round off to nearest 1,000)

Total Amount Due \$ _____

Owner of Property: MG-III Associates, LPI

Owner's Address: 23179 Telegraph Rd City: Southfield State: MI Zip Code: 48033

Owner's Phone # (248) 289-3333-4809 Owner's Email denise@idcrogers.com

Signature of Owner: _____ Print Name: Sath Rogers

Subscribed and sworn to before me, a Notary Public in and for the County of Wayne State of MI

on this 9th day of OCTOBER 2024

Signature of Notary Althea Phillips My commission expires 5/8/2028

Acting in the County of Wayne

UNAPPROVED MINUTES

1

MINUTES OF THE 1,222nd PUBLIC HEARINGS AND REGULAR MEETING HELD BY THE CITY PLANNING COMMISSION OF THE CITY OF LIVONIA

On Tuesday, November 12, 2024, the City Planning Commission of the City of Livonia held its 1,222nd Public Hearing and Regular Meetings in the Livonia City Hall, 33000 Civic Center Drive, Livonia, Michigan.

Mr. Ian Wilshaw, Chairman, called the meeting to order at 7 p.m.

Members present:	Wafa Dinaro	David Bongero	Sam Caramagno
	Glen Long	Peter Ventura	Ian Wilshaw

Members absent: None

Mr. Jacob Uhazie, Assistant Planning Director, and Stephanie Reece, Program Supervisor, were also present.

Chairman Wilshaw informed the audience that if a petition on tonight's agenda involves a rezoning request, this Commission makes a recommendation to the City Council who, in turn, will hold its own public hearing and make the final determination as to whether a petition is approved or denied. The Planning Commission holds the only public hearing on a request for preliminary plat and/or vacating petition. The Commission's recommendation is forwarded to the City Council for the final determination as to whether a plat is accepted or rejected. If a petition requesting a waiver of use or site plan approval is denied tonight, the petitioner has ten days in which to appeal the decision, in writing, to the City Council. Resolutions adopted by the City Planning Commission become effective seven (7) days after the date of adoption. The Planning Commission and the professional staff have reviewed each of these petitions upon their filing. The staff has furnished the Commission with both approving and denying resolutions, which the Commission may, or may not, use depending on the outcome of the proceedings tonight.

ITEM #2 PETITION 2024-10-02-17

CJ's Party Rentals

Mr. Caramagno, Secretary, announced the next item on the agenda, Petition 2024-10-02-17 submitted by CJ's Party Rentals, requesting waiver use approval under Sections 3.17 of the City of Livonia Zoning Ordinance, as amended, to operate a truck rental facility that includes the outdoor storage of Budget Rental Trucks at 37055 Industrial Road in the Northwest ¼ of Section 29.

UNAPPROVED MINUTES

2

Mr. Uhazie: Okay, this is to operate the rental truck facility of an outdoor storage of truck rentals. The property is currently zoned M-2 (General manufacturing), and has 103 feet along Industrial Road and a depth of 192 feet, for a total site of 19,776 square feet. The surrounding properties are all also zoned M-2. The existing conditions on the site include a building with gross square foot area of 8,082 square feet. Located at the front of the building is a ramp with a single truck well. To the south and west of the building are drive lanes to access neighboring properties, and parking is located along the eastern end of the building. The site plan shows 13 double stripe parking spaces with one being accessible parking. Requirements for parking on this petition are based off a ratio of one space for each employee, computed on a basis of the greatest number of persons to be employed at any one period during the day or night. The business plan was submitted with the petition that describes four staff members being employed during peak months. The business plan also identifies that the company has six Budget rental trucks. The total parking required for the site would be 10 parking spaces. The site plan shows the rear seven parking spaces reserved for the budget truck parking. The remaining parking is dedicated to employee and customer parking. They also submitted a floor plan. Part of the business is party rental supplies, which would use open office area and open storage. With that, Mr. Chairman, I can read out the departmental correspondence.

Mr. Wilshaw: Yes, please.

Mr. Uhazie: The first item is from the Engineering Division, dated October 25, 2024, which reads as follows: *"In accordance with your request, the Engineering Division has reviewed the above referenced petition. We have no objections to the proposed waiver use at this time. The subject parcel is assigned the address range of #37055 to #37105 Industrial Road, with the address of #37055 Industrial Road being assigned to the overall parcel. The existing parcel is currently served by public water main and sanitary sewer, as well as private storm sewer. The submittal does not indicate any changes to the existing utility leads, so we do not believe there will be any additional impacts to the public utilities with this proposal. Should changes to the existing building leads be needed, the owner shall submit proposed drawings to this Department to determine if permits will be required."* The letter is signed by David W. Lear, P.E., Assistant City Engineer. The next letter is from the Division of Police, dated October 25, 2024, which reads as follows: *"I have reviewed the plans in connection with the petition. There is a*

UNAPPROVED MINUTES

3

lack of information in the proposal in regard to what size trucks are planned to be stored on site. Any trucks exceeding the length of the highlighted spaces would protrude into the aisle way and disrupt the ingress and egress of traffic including emergency vehicles. If the proposed trucks can fit in the highlighted spaces without protruding into the aisle way then I have no objections to this petition." The letter is signed by Paul Walters, Sergeant, Traffic Bureau. The next letter is from the Treasurer's Department, dated October 30, 2024, which reads as follows: " *As of today, water and taxes are current with the city in regards to this property.*" The letter is signed by Susie Nash, Treasurer. That is the extent of the correspondence.

Mr. Wilshaw: Yes, okay, great. Is there any questions for our planning staff? I don't see any. Our petitioner, I believe, is in the audience. Feel free to come forward. We ask that you start with your name and address and good evening.

Cherise and Anthony Jones, owners of CJ Party rentals.

Mr. Wilshaw: Welcome to our meeting. And what would you like to tell us about your business?

Ms. Jones: I'm the owner of CJ's party rental. I've been in business since 2021. I started with eight tables and 15 chairs in March of 2021. In October of 2021, we bought our first warehouse. Well, I should say leased our first warehouse in Farmington Hills. We've been in Farmington Hills Since 2021 and our lease was up in October of 2024. We have grown tremendously. We went from 2,400 square foot to now, we need at least 5,000 square feet.

Mr. Wilshaw: Excellent. Anything else you'd like to tell us?

Mr. Jones: The budget part came into play to help augment our business when the season is over with. So, we only, like I said, only use six trucks at the max. So, the budget trucks is to help us during the off season, during the winter months.

Mr. Wilshaw: Okay, one of the questions or one of the issues that you heard during the correspondence was concern over the size of those trucks. Do you know what size those trucks will be, that will be in those spaces?

Ms. Jones: Yes, the biggest truck that we have is a 16-foot truck.

UNAPPROVED MINUTES

4

Mr. Wilshaw: Okay, all right, very good. Thank you. Is there anything else that you'd like to tell us before we ask you questions? No, okay, great. Let's see if there's any questions for you. Any questions for our petitioner?

Mr. Caramagno: Tell us a little bit about what CJ rentals does. What do you rent? So you got a little air time here.

Ms. Jones: We rent tables, chairs, tents, glassware, flatware, dinnerware, linens. We're really...we have a big selection of linens. I have 180 different colors, sizes and textures. Glassware, we have probably about a good selection of five different glasswares. We do a lot of weddings we host. We did an event with Rocket Mortgage where we did a tent for them. We do a lot of events for the City of Novi. We did a couple of events for the City of Farmington Hills. I have done a couple of events for the City of Detroit, and I also have done an event for the governor.

Mr. Caramagno: Very nice. How big of tents do you have?

Ms. Jones: The biggest tent that we have is a 40 by 60 tent.

Mr. Caramagno: Okay. Very good. Thank you.

Ms. Jones: You're welcome.

Mr. Wilshaw: Thank you, Mr. Caramagno. Any other questions for our petitioner? I don't see any other questions from the commission. Is there anyone in our audience wish to speak for or against this item? I don't see anyone else coming forward. Anything that you'd like to say before we make our decision?

Ms. Jones: I would love to be part of the City of Livonia. I believe that we can grow where we're at, and I believe that this is a good place for us.

Mr. Wilshaw: Very good. Well, thank you, Mrs. And Mr. Jones for for coming forward today. Let's close the public hearing at this time, and a motion would be in order.

On a motion by Bongero, seconded by Dinaro, and unanimously adopted, it was

#10-58-2024 **RESOLVED**, That pursuant to a Public Hearing having been held by the City Planning Commission on November 12, 2024, Petition 2024-10-02-17 submitted by CJ's Party Rentals, requesting waiver use approval under Sections 3.17 of the City

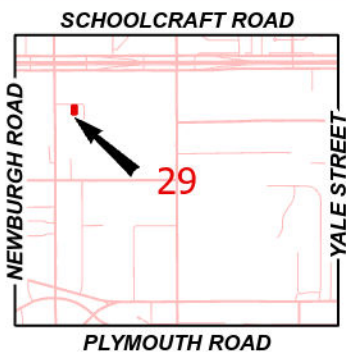
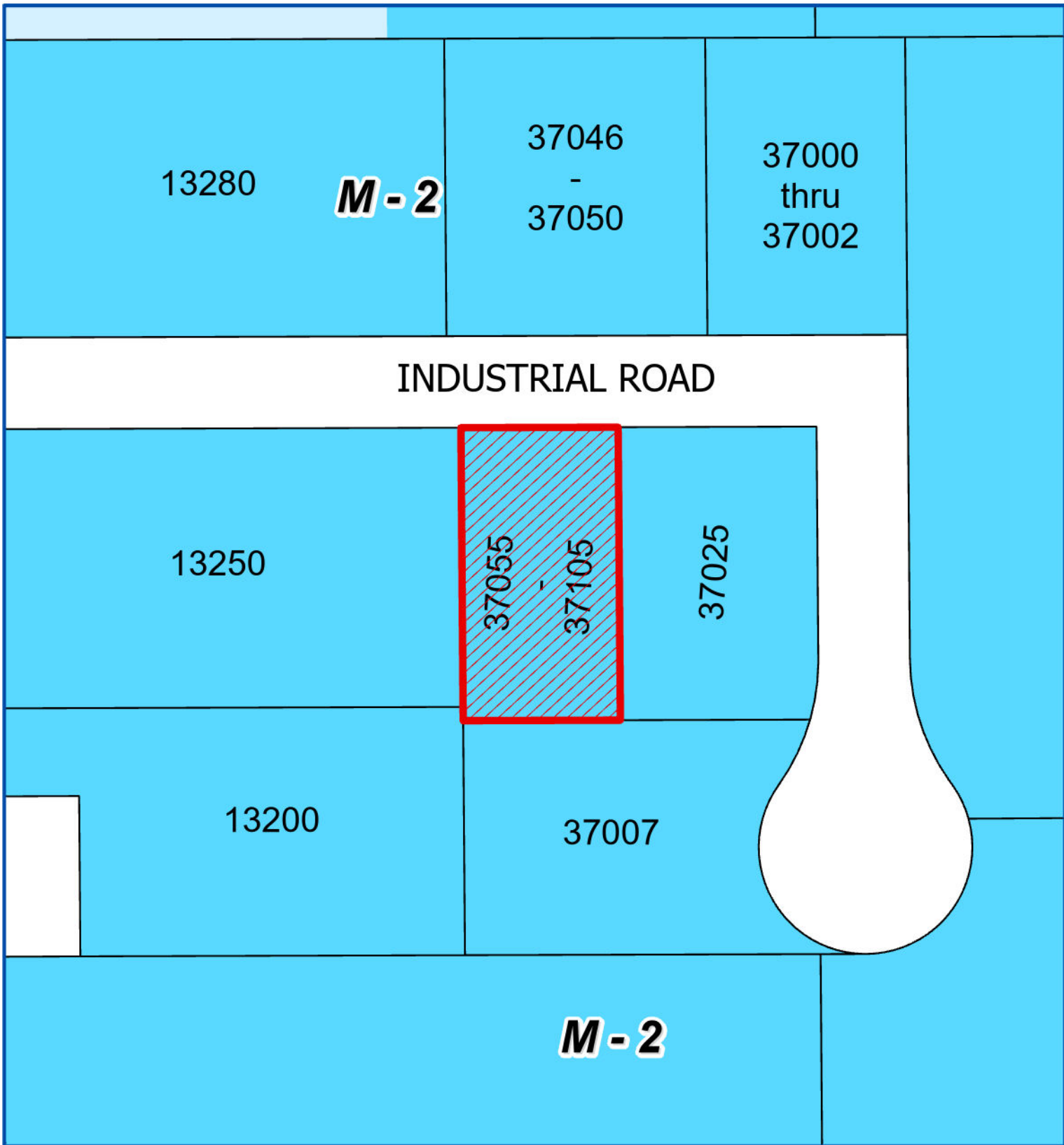
of Livonia Zoning Ordinance, as amended, to operate a truck rental facility that includes the outdoor storage of Budget Rental Trucks at 37055 Industrial Road in the Northwest ¼ of Section 29. The City Planning Commission does hereby recommend to the City Council that Petition 2024-10-02-17 be approved subject to the following conditions:

1. That the site plan, as received by the Planning Commission on October 11, 2024, are hereby approved and shall be adhered to.
2. That the open storage of Rental Trucks shall be restricted to the confined areas of the property as shown on the approved the site plan. Any changes in the locations and extent of recreational equipment storage shall first be approved by the Planning and Inspection Department; and
3. That only conforming signage is approved with this petition, and any additional signage shall be separately submitted for review and approval by the Zoning Board of Appeals.

FURTHER RESOLVED, That notice of the above hearing was given in accordance with the provisions of Section 13.13 of Livonia Zoning Ordinance, as amended.

Mr. Wilshaw: Is there any discussion?

Mr. Wilshaw, Chairman, declared the motion is carried and the foregoing resolution adopted. It will go on to the City Council with an approving resolution.



Address & Zoning Map

Petition 2024-10-02-17
CJ's Party Rentals
37055 Industrial Road

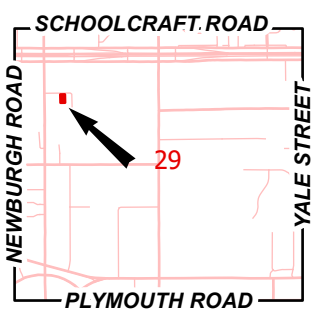
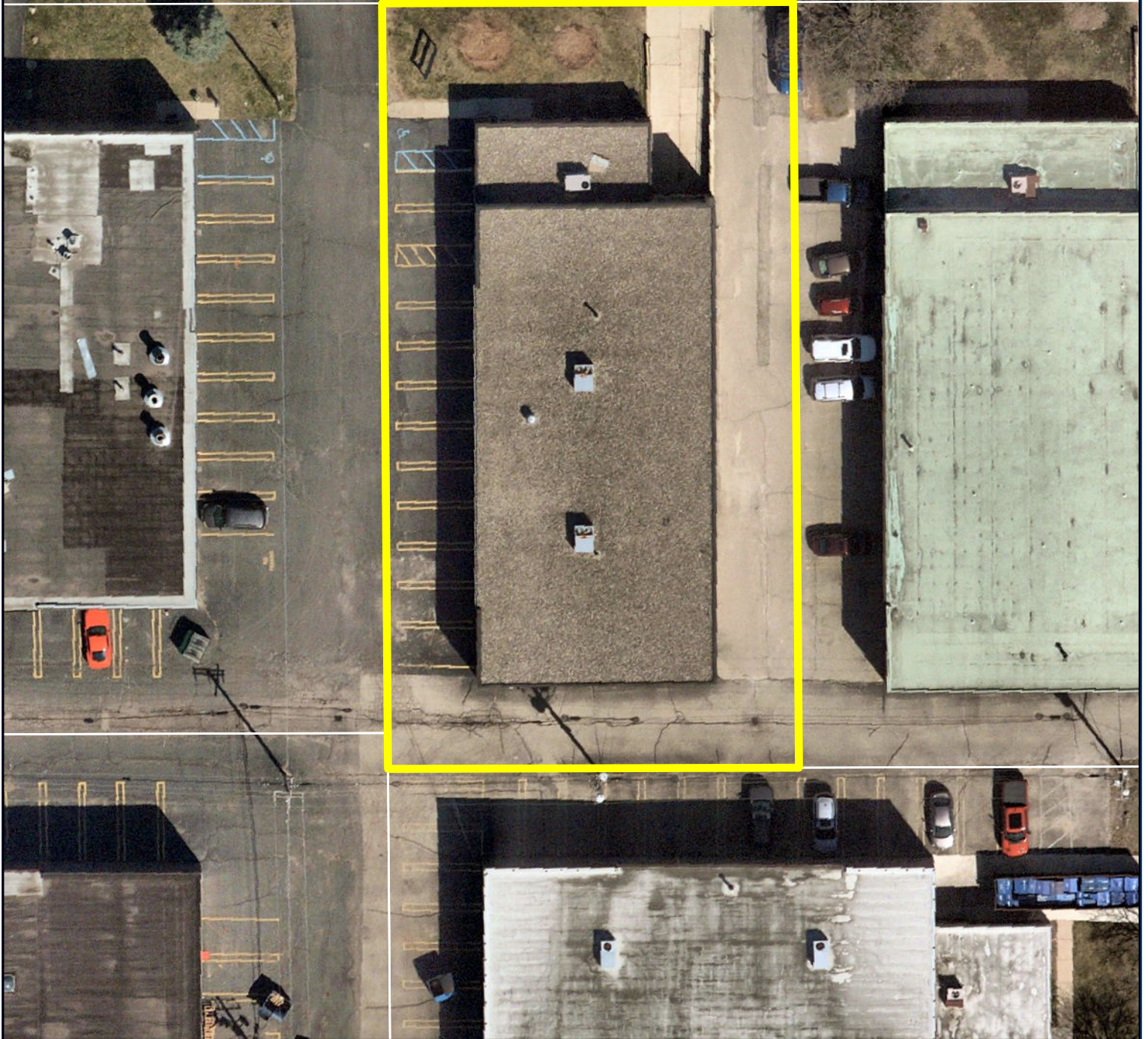


Not to Scale



City of Livonia
Planning Department

INDUSTRIAL ROAD



Aerial Map

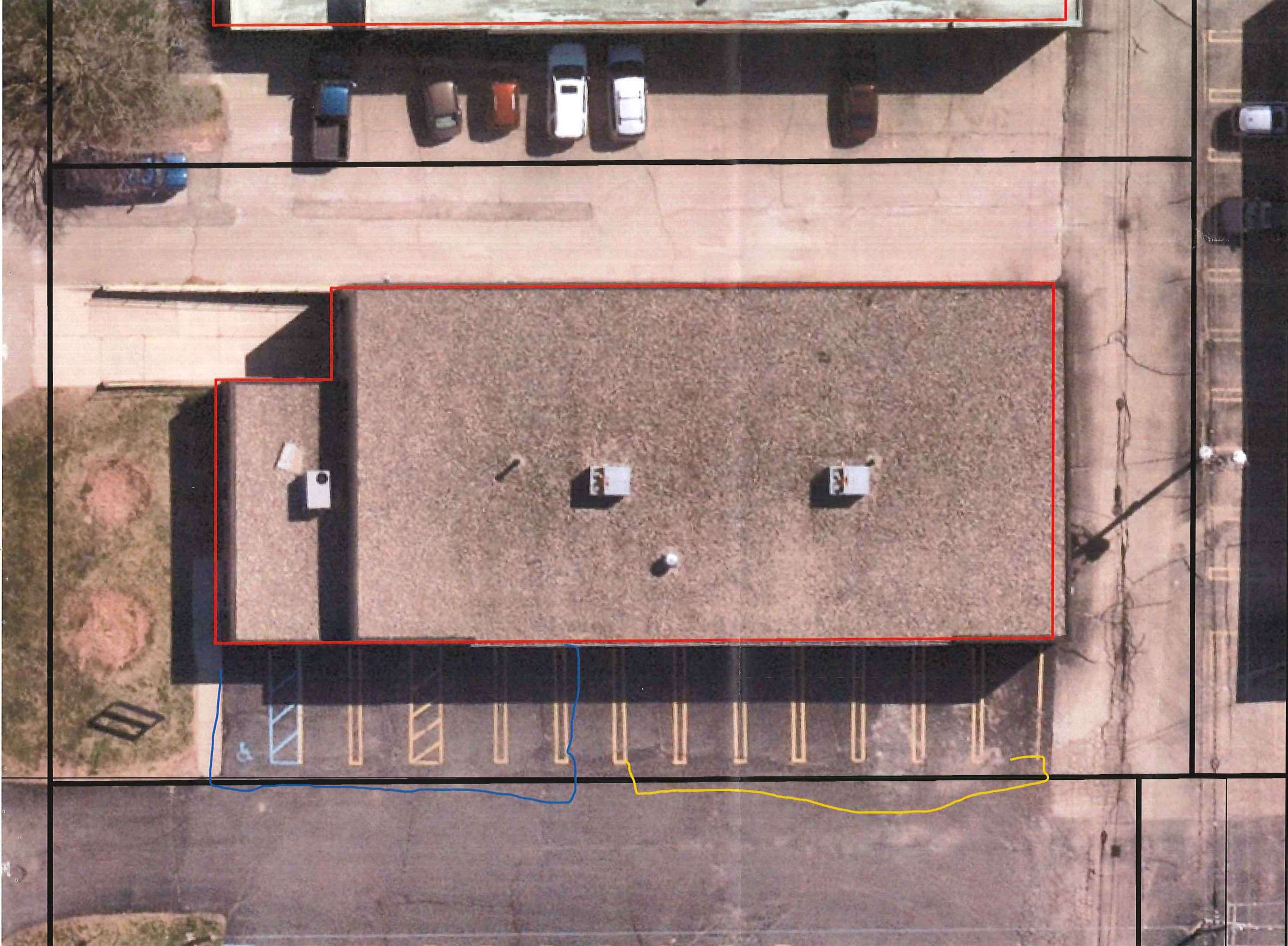
Petition 2024-10-02-17
CJ's Party Rentals
37055 Industrial Road



Not to Scale



City of Livonia
Planning Department



Blue Line is designated to customers and employees
Yellow Line is designated to Budget trucks



Address

PLANNING COMMISSION STAFF NOTES

PREHEARING

ITEM 2

Petition 2024-10-02-17 submitted by CJ's Party Rentals, requesting waiver use approval under Sections 3.17 of the City of Livonia Zoning Ordinance, as amended, to operate a truck rental facility that includes the outdoor storage of Budget Rental Trucks at 37055 Industrial Road in the Northwest ¼ of Section 29.

October 29, 2024, Study Meeting:

The petition requests waiver use approval to add Budget Truck rentals to their party rental business. The petition site has a width of 103 feet along Industrial Road and a depth of 192 feet for a total area of 19,776 square feet. The site is zoned M-2, General Manufacturing, and all properties surrounding the petition site are also zoned M-2.

The site contains a single industrial building with a footprint of approximately 8,082 square feet of GFA. Located at the front of the building is a ramp with a single truck well. To the south and west of the building are drive lanes to access neighboring property. Parking is located along the eastern end of the building and the site plan shows thirteen (13) double-strapped parking spaces, with one being accessible.

Required parking is based on a ratio of one (1) space for each employee computed on the basis of the greatest number of persons to be employed at any one period during the day or night. A business plan was submitted along with the application that describes four (4) staff members employed during peak months. The business plan also identifies that the company has six (6) Budget Rental trucks. The total parking required for this site is ten (10). The site plan identifies the rear seven (7) parking spaces as reserved for the Budget Truck parking and the remaining parking dedicated to employee and customer parking.

In addition to truck rentals the company rents tables, chairs and other party supplies to customers and operates by appointment only. The floor plan shows 1,182 square feet of office space in the front of the building with the rear shop area open for storage.

2024-10-02-17

OCT 11 2024

8'082 S.F.

NORTH



AS BUILT FLOOR PLAN
37055 INDUSTRIAL
LIVONIA, MICHIGAN 481

Y6	AYV6	AV
DRAWN:	DESIGNED:	CHECKED:

FILE NAME : 08136 A-1

SHEET TITLE
FLOOR PLAN
AS BUILD

DEPARTMENT OF EDUCATION

**INTERNATIONAL
DEVELOPMENT
COMPANY**



23179 TELEGRAPH ROAD
SOUTHFIELD, MI 48034
PHONE: 248-353-4800
FAX: 248-353-4849

**ARCHITECTURAL
DESIGN
COMMERCIAL
INDUSTRIAL**

G.A.V. & ASSOCIATES, INC.
11471 NORTHSHORE HAVEN, SUITE 400
FARGHAMINGTON HILLS, CT 06024
(203) 395-9101

720 ANY ARBOR ST., STE 312
PLUM, NJ 08050
(610) 258-9140
FAX (610) 228-9152

EMAIL: GAV@GVAASSOCIATES.COM

AS ASSOCIATES



ISSUED FOR	07-29-C-
DATE	

CORRESPONDENCE

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

TODD J. ZILINCIK, P.E.
CITY ENGINEER

DAVID W. LEAR, P.E.
ASST. CITY ENGINEER



MAUREEN MILLER BROSNAN
MAYOR

DONALD R ROHRAFF
DIRECTOR OF PUBLIC WORKS

12973 FARMINGTON ROAD
LIVONIA, MICHIGAN 48150
(734) 466-2571
FAX: (734) 466-2195

October 25, 2024

Mr. Jacob Uhazie
Assistant Planning Director
City of Livonia

Re: Petition 2024-10-02-17 – #37055 Industrial Road

Dear Mr. Uhazie:

In accordance with your request, the Engineering Division has reviewed the above referenced petition. We have no objections to the proposed waiver use at this time. The subject parcel is assigned the address range of #37055 to #37105 Industrial Road, with the address of **#37055 Industrial Road** being assigned to the overall parcel.

The existing parcel is currently served by public water main and sanitary sewer, as well as private storm sewer. The submittal does not indicate any changes to the existing utility leads, so we do not believe there will be any additional impacts to the public utilities with this proposal.

Should changes to the existing building leads be needed, the owner shall submit proposed drawings to this Department to determine if permits will be required.

Should you have any additional questions on this matter, please feel free to contact myself at (734) 466-2608, or the City Engineer, Mr. Todd Zilincik at (734) 466-2561. If you would prefer, you can e-mail either of us at dlear@livonia.gov or tzilincik@livonia.gov.

Sincerely,

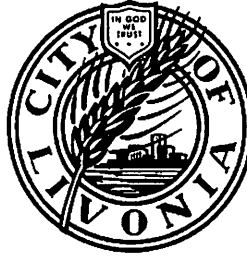
A blue ink signature of David W. Lear, P.E. is written over a horizontal line.

David W. Lear, P.E.
Assistant City Engineer

cc: 2024 Petition File

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF POLICE

THOMAS GORALSKI
CHIEF OF POLICE



MAUREEN MILLER BROSNAN
MAYOR

15050 Farmington Road
Livonia, Michigan 48154-5499
(734) 466-2470
FAX: (734) 261-2265

October 25th 2024

Mr. Scott Miller
City of Livonia Planning Dept
33000 Civic Center Drive
Livonia, MI 48154

Re: Petition 2024-10-02-17 – 37055 Industrial

Mr. Miller,

I have reviewed the plans in connection with the petition. There is a lack of information in the proposal in regard to what size trucks are planned to be stored on site. Any trucks exceeding the length of the highlighted spaces would protrude into the aisle way and disrupt the ingress and egress of traffic including emergency vehicles. If the proposed trucks can fit in the highlighted spaces without protruding into the aisle way then I have no objections to this petition.

Please feel free to contact me, should you have any questions.

Sincerely,

FOR THE CHIEF OF POLICE,

Paul Walters, Sergeant
Traffic Bureau
(734) 466-2107

OFFICE OF THE TREASURER

SUSAN M. NASH
CITY TREASURER



33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3060
(734) 466-2245
FAX: (734) 421-7230

October 30, 2024

RE: 37055 Industrial

Attention Planning Commission

As of today, water and taxes are current with the city in regards to this property

If you have any further questions please contact me

Thank you

Susan Nash

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

4.

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

4. WAIVER PETITION: Planning Commission, re: Petition 2024-10-02-18, submitted by Mr. Miguel's, requesting waiver use approval to construct an outdoor dining patio at 39305 Plymouth Road, located on the south side of Plymouth Road east of Newburgh Road in the Southwest ¼ of Section 30.

Mark Taormina, City Planner, presented this matter to Council and indicated this is a waiver use petition to add an outdoor patio at the back of the property on Plymouth Road, just east of Eckles Road. The property measures about 1.3 acres and is a deep property. The patio would go behind the building and extend from the rear about 2,300 square feet altogether.

Mr. Taormina stated there are two main areas proposed for this patio: one for seating and the second of almost equal size for a gaming area. There would be a semi-covered patio with stainless steel roof, and this would add another 56 seats to the patio area, 12 within the game area. Mr. Taormina indicated this addition would require extreme work regarding the parking lot and moving the trash enclosure. He indicated the Planning Commission does recommend approval with the added conditions relative to the parking lot.

The Petitioner, Steve Savage, 39305 Plymouth Road, was present to answer any questions of Council.

Councilmember Toy inquired how many other restaurants, and their locations does the Petitioner own and indicated she is all in favor of an addition to this property, given the required parking lot improvements, and thanked the Petitioner for making the investment.

Councilmember Morgan inquired if the patio would be covered, given the gaming area. Mr. Savage responded it is not an all-weather patio and completely covered, only the non-gaming side would be covered. Mr. Savage stated they are basically duplicating a patio they have at their Brownstown location and is designed more for aesthetics and gaming to align with their family-friendly environment. There would be speakers for ambiance but no live music or loud music on the patio. He concluded by stating they have always planned to redo the parking lot and improve on that area as it has been in bad shape since they bought the property.

Councilmember Donovic thanked the Petitioner for investing in this property and inquired if the trash enclosure would be relocated. Mr. Savage answered in the

affirmative.

Vice President Ptashnik inquired about hours of operation and Mr. Savage provided the hours of operation at this location, closing at 9:00 p.m. each weeknight and 10:00 p.m. on the weekend, confirming the patio would close at the same time as the restaurant. Vice President Ptashnik asked if there would be enough parking with the addition and the Petitioner responding they have more than enough under the Code.

DIRECTION:

APPROVING

CONSENT



LETTER TO THE LIVONIA CITY COUNCIL

4.

Planning
December 3, 2024

MEETING DATE

S120224/R121824

PRESENTED BY

Mark Taormina, Planning and Economic Development Director

AGENDA ITEM

WAIVER PETITION: Planning Commission, re: Petition 2024-10-02-18, submitted by Mr. Miguel's, to construct an outdoor dining patio at 39305 Plymouth Road, located on the south side of Plymouth Road east of Newburgh Road in the Southwest $\frac{1}{4}$ of Section 30.

BACKGROUND DETAILS

November 18, 2024

Honorable Members of the City Council
City of Livonia, Michigan

Re: Petition 2024-10-02-18 - Mr. Miguel's

Dear Council Members:

At the 1,222nd Public Hearing and Regular Meeting held by the City Planning Commission on November 12, 2024, the following resolution was adopted:

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

#10-59-2024 RESOLVED, That pursuant to a Public Hearing having been held by the City Planning Commission on November 12, 2024, on Petition 2024-10-02-18 submitted by Mr. Miguel's, requesting waiver use approval pursuant to Section 6.51 of the City of Livonia Zoning Ordinance, as amended, to construct an outdoor dining patio at 39305 Plymouth Road, located on the south side of Plymouth Road east of Newburgh Road in the Southwest $\frac{1}{4}$ of Section 30, the Planning Commission does hereby recommend to the City Council that Petition 202-10-02-18 be approved subject to the following conditions:

1. That the Site Plan identified as Sheet AS-1 dated August 30, 2024, as revised, is hereby approved and shall be adhered to.
2. That the Proposed Patio Plan identified as Sheet No. DD-1 dated August 30, 2024, is hereby approved and shall be adhered to.
3. That the maximum number of outdoor patio patron seats shall not exceed a total of sixty-eight

(68).

4. That any outdoor speakers or sound equipment, including televisions, are to be approved at the discretion of the Planning Department.
5. That all light fixtures shall be aimed and shielded to minimize stray light trespassing across property lines and glaring into adjacent roadways.
6. That any form of outdoor advertising or signage shall be prohibited on any of the patio structures, including the fencing, seating, and tables, without the prior written approval by the City of Livonia Inspection Department.
7. That unless approved by the proper local authority, any type of exterior advertising, such as promotional flags, streamers or sponsor vehicles designed to attract the attention of passing motorists, shall be prohibited.
8. That no LED light band or exposed neon shall be permitted on this site including, but not limited to, the building or around the windows.
9. That the specific plans referenced in this approving resolution shall be submitted to the Inspection Department at the time the building permits are applied for; and
10. Pursuant to Section 13.13 of the Livonia Zoning Ordinance, as amended, this approval is valid for a period of one year only from the date of approval.

FURTHER RESOLVED, That notice of the above hearing was given in accordance with the provisions of Section 13.13 of Livonia Zoning Ordinance, as amended.

ATTACHMENTS

1. S120224 Petition 2024-10-02-18 Mr. Miguels Minutes
2. S120224 LTC Petition 2024-10-02-18, Mr. Miguel's
3. 2024-10-02-18_E-COUNCIL Pkt

APPROVED BY

Mark Taormina, Planning and Economic Development Director

Date:

Maureen Miller Brosnan, Mayor

Date:

Petition 2024-10-02-18 submitted by Mr. Miguel's, requesting waiver use approval pursuant to Section 6.51 of the City of Livonia Zoning Ordinance, as amended, to construct an outdoor dining patio at 39305 Plymouth Road, located on the south side of Plymouth Road east of Newburgh Road in the Southwest ¼ of Section 30.

CITY OF LIVONIA, MICHIGAN
APPLICATION FOR WAIVER USE APPROVAL

All applications must be presented in triplicate to the City Clerk, 33000 Civic Center Drive, Livonia, MI 48154-3097. Applications must include property owner's name, address and notarized signature.

For filing fee see below for computation

Date Filed: 10/10/24 Petition 2024 10-02-18

Site Address: 39305 PLYMOUTH RD Sidwell _____ Zoning of Property _____

Requesting Approval To OUTSIDE PATIO

Applicant: STEVE DUMONT Business/Company: DESIGNSTRUCT

Applicant's Address: 23617 JOHN R City: HAZEL PARK State: MI Zip Code: 48030

Applicant's Phone # (248) 547-1500 Applicant's Email STEVE@DESIGNSTRUCT.COM

Contact Person: _____ Business/Company: _____

Contact's Address: _____ City: _____ State: _____ Zip Code: _____

Contact's Phone # (248) 495-3905 Contact's Email _____

Please provide the following information:

- 1) **Site Plan** showing:
 - property dimensions, including road right-of-way & building setback lines
 - foot print of building(s), including dimensions & square footage
 - all easements, protective walls, sidewalks & existing trees
 - any significant topographic features (existing or proposed)
 - parking layout, including type of surface material, sizes of spaces & aisles
 - method used in calculating parking requirement
 - location of light standards servicing parking lot & cutout showing type & height
 - location of trash receptacle, including description of screening
 - location of signs
- 2) **Detailed Landscape Plan** including:
 - listing or labeling of all planted materials as to type and size
 - areas to be fully irrigated
 - percentage of landscaping provided (15% of total site required)
- 3) **Building Elevation Plan** depicting:
 - architectural quality
 - wall section & detail plan - exterior building materials must be labeled (i.e. brick, thin brick, etc. I.S.)
 - all visible rooftop mechanical equipment and how they will be screened
- 4) **General Floor Plan** showing:
 - floor layout
 - entrances & exits
 - restaurants are required to illustrate seating arrangement & capacity
- 5) **One (1) set of reduced plans** (i.e. site, landscape, elevation, floor), a **maximum 11" x 17"** in size, or digital file in a .pdf format either on CD or emailed to planning@livonia.gov
- 6) **Legal Description** of the property to be considered (Clearly Printed)
- 7) Three (3) completed application forms & **three (3)** sets of full-size drawings



RECEIVED
OFFICE OF THE CITY CLERK
2024 OCT 14 AM 9:37

You are invited and encouraged to review your proposal with the Planning Department staff. Only one set of preliminary drawings will be necessary for this analysis.

FEE COMPUTATION	\$700.00	(\$400 publication fee plus \$300 base review fee) plus
<u>2311</u> sq. ft. of new construction x \$20.00 per 1,000 sq. ft. plus \$30 per lot or unit for residential construction.		
		(NOTE: Round off to nearest 1,000) +
		Total Amount Due \$ <u>760</u>

Owner of Property: STEVEN SAVICH

Owner's Address: 39305 PLYMOUTH RD City: LIVONIA State: MI Zip Code: 48150

Owner's Phone # (248) 277-8279 Owner's Email STEVENSAVICH@YAHOO.COM

Signature of Owner: Steven Savich Print Name: STEVEN SAVICH

Subscribed and sworn to before me, a Notary Public in and for the County of OAKLAND State of MICH.

on this 11 day of OCTOBER 20 24

Signature of Notary Phenie Rita Zograpa My commission expires 12.25.25

Acting in the County of OAKLAND

UNAPPROVED MINUTES

1

MINUTES OF THE 1,222nd PUBLIC HEARINGS AND REGULAR MEETING HELD BY THE CITY PLANNING COMMISSION OF THE CITY OF LIVONIA

On Tuesday, November 12, 2024, the City Planning Commission of the City of Livonia held its 1,222nd Public Hearing and Regular Meetings in the Livonia City Hall, 33000 Civic Center Drive, Livonia, Michigan.

Mr. Ian Wilshaw, Chairman, called the meeting to order at 7 p.m.

Members present:	Wafa Dinaro	David Bongero	Sam Caramagno
	Glen Long	Peter Ventura	Ian Wilshaw

Members absent: None

Mr. Jacob Uhazie, Assistant Planning Director, and Stephanie Reece, Program Supervisor, were also present.

Chairman Wilshaw informed the audience that if a petition on tonight's agenda involves a rezoning request, this Commission makes a recommendation to the City Council who, in turn, will hold its own public hearing and make the final determination as to whether a petition is approved or denied. The Planning Commission holds the only public hearing on a request for preliminary plat and/or vacating petition. The Commission's recommendation is forwarded to the City Council for the final determination as to whether a plat is accepted or rejected. If a petition requesting a waiver of use or site plan approval is denied tonight, the petitioner has ten days in which to appeal the decision, in writing, to the City Council. Resolutions adopted by the City Planning Commission become effective seven (7) days after the date of adoption. The Planning Commission and the professional staff have reviewed each of these petitions upon their filing. The staff has furnished the Commission with both approving and denying resolutions, which the Commission may, or may not, use depending on the outcome of the proceedings tonight.

ITEM #3 PETITION 2024-10-02-18

Mr. MIGUELS

Mr. Caramagno, Secretary, announced the next item on the agenda, Petition 2024-10-02-18 submitted by Mr. Miguel's, requesting waiver use approval pursuant to Section 6.51 of the City of Livonia Zoning Ordinance, as amended, to construct an outdoor dining patio at 39305 Plymouth Road, located on the south side of Plymouth Road east of Newburgh Road in the Southwest ¼ of Section 30.

Mr. Uhazie: This is to construct a permanent outdoor dining area at the restaurant, which is currently zoned C-2. To the north is the

Sunoco station, which is zoned C-2. And to the northeast of the property is zoned M-1. To the east of the petition site is an office building zoned C-2 with part of it being zoned P (Parking). To the south of the site is PL (Public Land) Hines Park, and to the west is another C-2 zoned property. The property measures one 1.33 acres in size, with about 109 feet of frontage on Plymouth Road and a depth of about 527 feet. The new patio would extend from the rear of the building towards Hines Park and have a total proposed area of 2,311 square feet. The patio flooring would be constructed of composite decking such as Trex. The proposed patio on the site plan is split into two sections identified as an outdoor patio and game area. The outdoor patio area is located on the western half of the patio and has seating for 56 people. The game area measures 1,130 square feet with seating for an additional 12. The main restaurant is accessible by two existing doors, one in the patio area and one in the gaming area. Emergency egress from the patio is available via a door along the western wall and a gate on the eastern fence. The outdoor patio is covered by a standing seam metal roof, and the southern and western walls would be made of composite siding material. The eastern side of the patio is open and separated from the game area by a 42-inch fence with support beams. The outdoor patio is approximately 12 inches above the game area, but is accessible via stairs and a ramp. The south and east edges of the game area are surrounded by 60-inch privacy fences. Mr. Miguel's currently has seating for 140 customers, with an average number of employees per shift of 10. This results in a parking requirement of 103 parking spaces. The site plan shows that there are approximately 109 parking spaces provided. The site plan also shows the existing dumpster would be moved from the east lot line to approximately 55 feet southwest of the patio of the patio addition along the western property line. The new dumpster location will include two dumpsters that are enclosed by six-foot split faced CMU fence with a concrete cap and two sets of steel screening gates. With that, Mr. Chairman, I can read out the departmental correspondence.

Mr. Wilshaw: Yes, please.

Mr. Uhazie: The first item is from the Engineering Division, dated October 28, 2024, which reads as follows: *"In accordance with your request, the Engineering Division has reviewed the above referenced petition. We have no objections to the proposed project at this time, but would like to note the following items: 1. The subject parcel is assigned the address of #39305 Plymouth*

Road. Should additional addresses be needed, the Owner will need to contact this Department once permitting has been completed. 2. The existing parcel is currently serviced by public sanitary sewer and water main, and storm sewer. The submitted drawings do not indicate any proposed utility alterations, so we do not believe there will be any impacts to the existing systems with the proposed project. 3. Any disturbances with the Plymouth Road right-of-way will require permits through the Michigan Department of Transportation.” The letter is signed by David W. Lear, P.E., Assistant City Engineer. The next letter is from the Livonia Fire & Rescue Division, dated October 30, 2024, which reads as follows: *“This office has reviewed the site plan submitted in connection with a request to construct an outdoor patio on the property located at the above referenced address. We have no objections to this proposal. A further detailed plan review will take place when this division receives an official plan set.”* The letter is signed by Brian Kukla, Fire Marshal. The next letter is from the Division of Police, dated October 28, 2024, which reads as follows: *“I have reviewed the plans in connection with the petition. I have no objections to the proposal.”* The letter is signed by Paul Walters, Sergeant, Traffic Bureau. The next letter is from the Inspection Department, dated November 5, 2024, which reads as follows: *“Pursuant to your request, the above-referenced petition has been reviewed. This Department has no further objections to this petition.”* The letter is signed by Jerome Hanna, Director of Inspection. That is the extent of the correspondence.

Mr. Wilshaw: Very good. Thank you, Mr. Uhazie. Is there any questions for our planning staff?

Mr. Droze: Quick question. Yeah, Jacob, is there any information about how storm water is managed on this site? There's a lot of gravel and broken up pavement in the back of the site, and I know you know that directly could go towards the river and Hines park, I'm just kind of curious about that part.

Mr. Uhazie: I do not have any have any information on that. The petitioner may have more insight.

Mr. Droze: Thank you.

Mr. Wilshaw: Good question. Thank you, Mr. Droze. Any other questions for planning staff? If not, we'll get the petitioner up here to fill us in. The petitioner can come forward to our podium. Good evening, sir.

UNAPPROVED MINUTES

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Steve Dumont, Designstruct, 23617 John R Road, Hazel Park, MI. I have with me, Steve Savage, one of the restaurant owners. Jacob did a great job explaining the extent of the project. We plan on, like you said, a standing seam metal roof and the question for the parking, we planning cleaning all that up, reasphalting that back. We've got a pretty big site there, 500 foot deep, so to provide all the required parking. And if there's any other questions?

Mr. Wilshaw: All right let's see what the questions are available. Any questions for our petitioner, Mr. Joe, is there anything you wanted to follow up with in particular to your question?

Mr. Droze: Yes, thank you. So as I look at the plan, it looks like the proposed parking as shown, doesn't go all the way back and kind of getting back to that area of gravel and kind of broken up pavement, is it your intent to basically convert that remaining area that's gravel into vegetation?

Mr. Dumont: Yeah, we're only going back to satisfy the parking requirement, but that area is where it's all broken up. Beyond that is natural landscaping. We're just going to leave it.

Mr. Droze: Okay, especially if it's just running off.

Mr. Dumont: Leave it as natural as possible.

Mr. Droze: Okay.

Mr. Wilshaw: Very good. Any other questions for our petitioner?

Mr. Caramagno: The Western driveway. If you look at your drawing, the Western driveway shows it appears like the driveway drives right through a parking spot or two in the back of the building.

Mr. Wilshaw: Are you talking on the west end there?

Mr. Caramagno: Yeah, the west side. And then, of course, it goes straight into the dumpsters as well. Is there room there? I don't see a measurement on here. Is there room to get through there?

Mr. Dumont: Yeah, it's a pretty big area, considering one of these parking spots is 20 feet, I think. The note from Planning was it's 54-foot from the back of the patio area. So, it's got to be almost 40 feet from the parking spot to the dumpsters.

Mr. Caramagno: North to south, right?

Mr. Dumont: Yeah.

Mr. Caramagno: How about from that parking spot furthest west to the property line, the driveway? is there enough room to drive a vehicle through there?

Mr. Savage: I can speak to...just looking, if I'm comparing that distance where you're speaking of down to these existing spots we currently have, and it's, I guess it's a little bit smaller, but there's plenty of... there's plenty of space to drive through at the front of the building. So, I'm guessing there's plenty over there too, just based just comparing the distance on this blueprint.

Mr. Dumont: Yeah, the seven along the property West property line, and the four across the front, not including the handicapped, those are all existing spots that they're currently using.

Mr. Caramagno: I'm talking about behind the building. There are 4,5,6,7 spots behind the building. I think that seventh spot to the west is probably too tight.

Mr. Savage: Maybe we get rid of that.

Mr. Dumont: We could clip that one off.

Mr. Caramagno: I think it makes good sense to get it out of there. It gives good access to the dumpsters, and it also makes it easier so no car gets hit.

Mr. Dumont: I know those guys that pick up dumpsters and they're not gentle. yeah, for sure, we can do that.

Mr. Savage: That's a good recommendation.

Mr. Dumont: They've torn apart so many dumpster enclosures.

Mr. Caramagno: Yeah, I know. I know. Thank you.

Mr. Wilshaw: they're never gentle as commissioners either. All right? Mr. Ventura is next.

Mr. Ventura: Can you tell us what kind of games happen in the game area there?,

UNAPPROVED MINUTES

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- Mr. Dumont: I think what their proposal right now is just like cornhole. Just give people something to do outside.
- Mr. Ventura: Is that area heated at all?
- Mr. Dumont: No. There's no roof over that area at all. Just the 56 seated part has a roof over it, not the entire area
- Mr. Savage: The covered area does not, it's just...it's not four seasons.
- Mr. Ventura: No heat, right?
- Mr. Dumont: No.
- Mr. Savage: We have a very similar setup in our Brownstown location, and we're mimicking that with this proposal.
- Mr. Ventura: Can you tell us about the materials and colors that this is going to be constructed?
- Mr. Dumont: it's going to be composite siding, like a hardy panel type exterior siding, seamed metal roof.
- Mr. Savage: The colors would just match the building, which is essentially black and white.
- Mr. Ventura: Black and white?
- Mr. Savage: Yeah, a dark color in a way, yeah. So it would just flow with the building.
- Mr. Ventura: Okay, thank you.
- Mr. Wilshaw: Thank you. Mr. Ventura, any other questions for our petitioner? Okay, anyone in the audience wish to speak for or against this item? No one coming forward. Anything else that you'd like to tell us before we make our decision,
- Mr. Dumont: We're looking forward to an approval.
- Mr. Wilshaw: Very good. Thank you. All right, let's close the public hearing and a motion would be in order.

On a motion by Long, seconded by Bongero, and unanimously adopted, it was

#10-59-2024 **RESOLVED**, That pursuant to a Public Hearing having been held by the City Planning Commission on November 12, 2024, on Petition 2024-10-02-18 submitted by Mr. Miguel's, requesting waiver use approval pursuant to Section 6.51 of the City of Livonia Zoning Ordinance, as amended, to construct an outdoor dining patio at 39305 Plymouth Road, located on the south side of Plymouth Road east of Newburgh Road in the Southwest ¼ of Section 30, the Planning Commission does hereby recommend to the City Council that Petition 202-10-02-18 be approved subject to the following conditions:

1. That the Site Plan identified as Sheet AS-1 dated August 30, 2024, as revised, is hereby approved and shall be adhered to.
2. That the Proposed Patio Plan identified as Sheet No. DD-1 dated August 30, 2024, is hereby approved and shall be adhered to.
3. That the maximum number of outdoor patio patron seats shall not exceed a total of sixty-eight (68).
4. That any outdoor speakers or sound equipment, including televisions, are to be approved at the discretion of the Planning Department.
5. That all light fixtures shall be aimed and shielded to minimize stray light trespassing across property lines and glaring into adjacent roadways.
6. That any form of outdoor advertising or signage shall be prohibited on any of the patio structures, including the fencing, seating, and tables, without the prior written approval by the City of Livonia Inspection Department.
7. That unless approved by the proper local authority, any type of exterior advertising, such as promotional flags, streamers or sponsor vehicles designed to attract the attention of passing motorists, shall be prohibited.
8. That no LED light band or exposed neon shall be permitted on this site including, but not limited to, the building or around the windows.

9. That the specific plans referenced in this approving resolution shall be submitted to the Inspection Department at the time the building permits are applied for; and

10. Pursuant to Section 13.13 of the Livonia Zoning Ordinance, as amended, this approval is valid for a period of one year only from the date of approval.

FURTHER RESOLVED, That notice of the above hearing was given in accordance with the provisions of Section 13.13 of Livonia Zoning Ordinance, as amended.

Mr. Wilshaw: Is there any discussion?

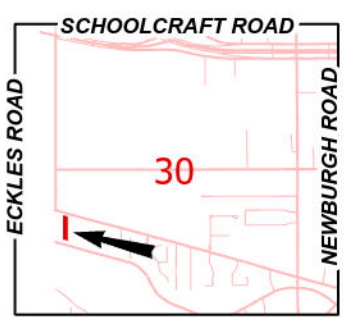
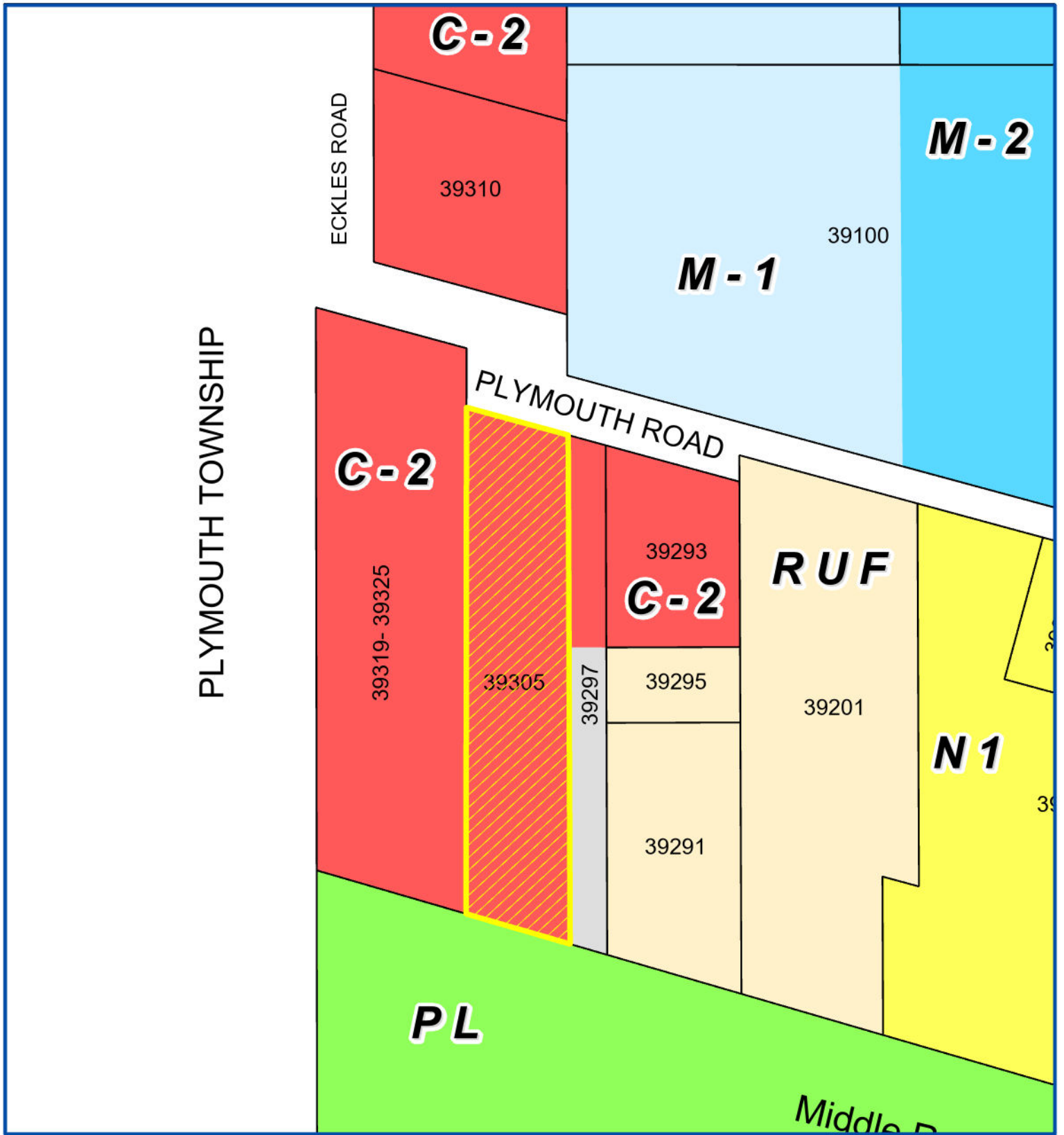
Mr. Dumont: You mentioned no TVs or music outside. This is a commercial area. There's no residential adjacent properties. I'm sure Steve would like to have a couple TVs out there for big games and so forth, and as far as music, I don't know. I mean even music, even more important. Inside the restaurant, there's always music.

Mr. Savage: It wouldn't be loud ever in our hours of operation. We're a family restaurant, so it's...the latest we close on Friday and Saturday is 10 o'clock, but we definitely...music's a very important piece of the dining experience.

Mr. Dumont: Especially for a Mexican restaurant, I mean, it's festive, and if we could have those allowed, and then maybe some parameters as far as decibels or hours or something like that, we'd be...like to have that.

Mr. Wilshaw: All right, I understand your request. I'm going to go back to the maker of the motion and see what he would like to do. I know there have been, as I recall, we have had some petitions where we've restricted outdoor to certain hours or decibels,

Mr. Wilshaw, Chairman, declared the motion is carried and the foregoing resolution adopted. It will go on to the City Council with an approving resolution.



Address & Zoning Map

Petition 2024-10-02-18
Mr. Miguel's Outdoor Seating
39305 Plymouth Road



Not to Scale

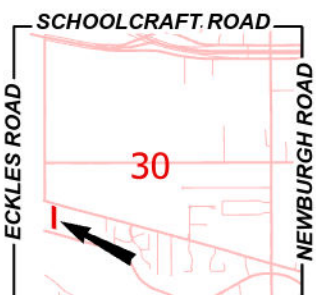
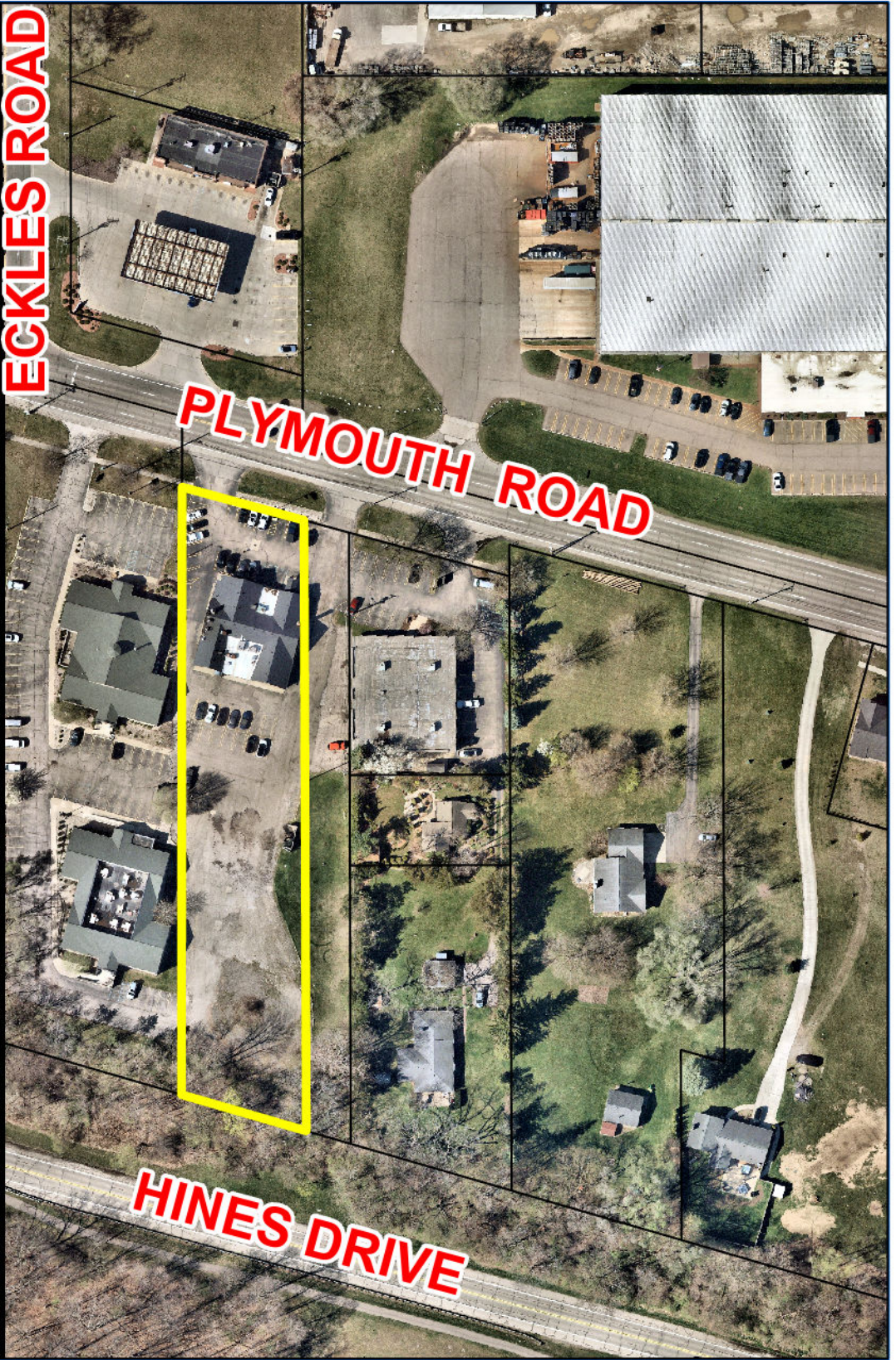


City of Livonia
Planning Department

ECKLES ROAD

PLYMOUTH ROAD

HINES DRIVE



Aerial Map

Petition 2024-10-02-18
Mr. Miguel's Outdoor Seating
39305 Plymouth Road



Not to Scale



City of Livonia
Planning Department

PLANNING COMMISSION STAFF NOTES

PREHEARING

ITEM 3

Petition 2024-10-02-18 submitted by Mr. Miguel's, requesting waiver use approval pursuant to Section 6.51 of the City of Livonia Zoning Ordinance, as amended, to construct an outdoor dining patio at 39305 Plymouth Road, located on the south side of Plymouth Road east of Newburgh Road in the Southwest ¼ of Section 30.

October 29, 2024 Study Meeting:

Mr. Miguel's located on Plymouth Road is seeking waiver use approval to construct a permanent outdoor dining and game area patio. The subject property is 1.33 acres in area with 109 feet of frontage on Plymouth Road by a depth of approximately 527 feet. The property is currently zoned C-2, General Business.

West of the subject property, fronting along Plymouth Road, are commercial properties zoned C-2. To the south is Hines Park, which is zoned PL, Public Lands. The site to the east of the subject property is split zoned C-2 in the northern half and the southern half is zoned P, Parking. To the north across Plymouth Road is zoned C-2 and M-1, Light Manufacturing.

As illustrated on the site plans, the area of the new patio would extend from the rear of the building towards Hines Park and has a total proposed area of 2,311 square feet. The patio flooring would be constructed out of a composite decking, such as Trex. The proposed patio is split into two (2) sections, identified on the site plan as "outdoor patio" and "game area". The outdoor patio area is located on the western half of the patio and has seating for fifty-six (56). The outdoor patio is covered by a standing seam metal roof, with the southern and western walls made of composite siding material. The eastern side of the patio is open and separated from the game area by a forty-two-inch (42") fence with support beams. The outdoor patio is approximately twelve inches (12") above the game area but is accessible via stairs and a ramp. The game area measures 1,130 square feet with seating for twelve (12). The south and east edges of the game area are surrounded by a sixty-inch (60") privacy fence. The main restaurant is accessible by two (2) existing doors, one in the patio area and one in the game area. Emergency egress from the patio is available via a door along the western wall and a gate on the eastern fence.

Mr. Miguel's currently has 140 interior customer seats. Required parking for full-service restaurants is based on one (1) parking space for each two (2) interior seating spaces to be provided, plus one (1) parking space for each three (3) outside patio seating spaces, plus one (1) parking space for each employee. Using the number of interior seats ($140 \div 2$), the proposed number of outdoor patio seats ($68 \div 3$), and the average number of employees per shift (10), results in a total of one hundred and 103 required parking spaces. The site plan shows there are approximately 109 parking spaces proposed.

PUBLIC HEARING

ITEM 3 Petition 2024-10-02-18 – Mr. Miguel's

Page 2

The required rear yard setback of a building or structure in a C-2 zoning district is eight feet (8'). The back of the restaurant measures 376' from the rear lot line, which with the forty-one foot (41') patio the rear yard setback would be approximately 335'.

The existing dumpster will be moved from the east lot line to approximately fifty-five feet (55') southwest of the patio addition along the western property line. The new dumpster location will include two (2) dumpsters that are enclosed by a six-foot (6') spilt-faced CMU fence with a concrete cap and two (2) sets of steel screening gates.

No other site changes or improvements are proposed as part of this petition.

November 12, 2024 Public Hearing:

Approving Resolution: That the request to construct an outdoor dining patio at 39305 Plymouth Road, is hereby approved, subject to the following additional conditions:

1. That the Site Plan identified as Sheet AS-1 dated August 30, 2024, as revised, is hereby approved and shall be adhered to.
2. That the Proposed Patio Plan identified as Sheet No. DD-1 dated August 30, 2024, is hereby approved and shall be adhered to.
3. That the maximum number of outdoor patio patron seats shall not exceed a total of twenty (68).
4. That there shall be no outdoor speakers or sound equipment, including televisions allowed at any time.
5. That all light fixtures shall be aimed and shielded to minimize stray light trespassing across property lines and glaring into adjacent roadways.
6. That any form of outdoor advertising or signage shall be prohibited on any of the patio structures, including the fencing, seating, and tables, without the prior written approval by the City of Livonia Inspection Department.
7. That unless approved by the proper local authority, any type of exterior advertising, such as promotional flags, streamers or sponsor vehicles designed to attract the attention of passing motorists, shall be prohibited.
8. That no LED light band or exposed neon shall be permitted on this site including, but not limited to, the building or around the windows.

PUBLIC HEARING

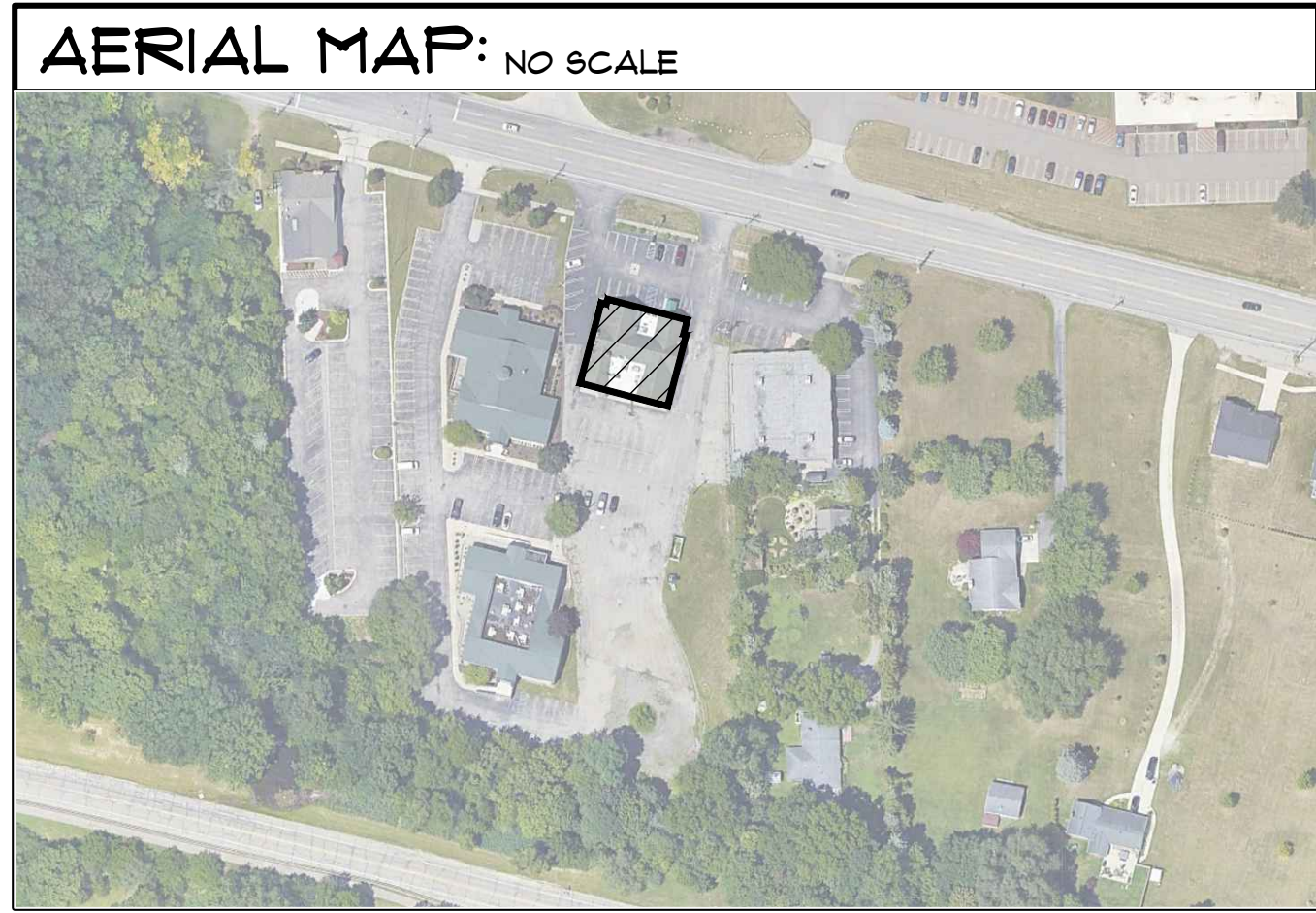
ITEM 3 Petition 2024-10-02-18 – Mr. Miguel's

Page 3

9. That the specific plans referenced in this approving resolution shall be submitted to the Inspection Department at the time the building permits are applied for; and
10. Pursuant to Section 13.13 of the Livonia Zoning Ordinance, as amended, this approval is valid for a period of one year only from the date of approval.

Denying Reasons: That the request to construct an outdoor dining patio at 39305 Plymouth Road, is denied for the following reasons:

1. That the petitioner has failed to comply with all general standards and requirements as set forth in Sections 1.02 and 13.13 of the Livonia Zoning Ordinance, as amended.
2. That the increase in intensity associated with an outdoor patio and additional seating at this location would be detrimental to and not in harmony with the character of the surrounding neighborhood.
3. That the proposal fails to conclusively deal with all the concerns deemed necessary for the safety and welfare of the City and its residents; and
4. That the proposed development would have a detrimental effect upon the neighboring properties.



AERIAL MAP: NO SCALE

SETBACK REQUIREMENTS:

FRONT YARD (MIN.): 15'-0" (±68' EXISTING)
SIDE YARD (MIN.): 8'-0" (±42' EXISTING)
(TOTAL OF TWO SIDE YARD SETBACKS: 16'-0")
REAR YARD (MIN.): 8'-0" (±38' EXISTING)

LEGAL DESCRIPTION:

LAND IN THE CITY OF LIVONIA, WAYNE COUNTY, MICHIGAN, DESCRIBED AS:
PART OF THE SOUTHWEST 1/4 OF SECTION 30, TOWN 1 SOUTH, RANGE 9 EAST
DESCRIBED AS: BEGINNING NORTH 88 DEGREES 50 MINUTES 35 SECONDS
EAST 304.92 FEET AND NORTH 7 DEGREES 03 MINUTES 48 SECONDS WEST
1019.31 FEET FROM THE SOUTHWEST CORNER OF SECTION 30; THENCE
NORTH 15 DEGREES 32 MINUTES 06 SECONDS WEST 156.35 FEET; THENCE
NORTH 1 DEGREE 05 MINUTES 20 SECONDS WEST 581.13 FEET; THENCE
SOUTH 16 DEGREES 31 MINUTES 13 SECONDS EAST 159.50 FEET; THENCE
SOUTH 1 DEGREE 55 MINUTES 20 SECONDS EAST 590.2 FEET TO THE POINT
BEGINNING, EXCEPT NORTHERLY 60 FEET THEREOF.

PROJECT DATA:

PROJECT NAME: MR. MIGUEL'S MEXICAN GRILLE
APPLICANT INFO:
STEVEN SAVICH
39305 PLYMOUTH
LIVONIA, MI 48150

PROPERTY OWNER INFO:
SAVICH REAL ESTATE HOLDINGS 4 LLC
39305 PLYMOUTH
LIVONIA, MI 48150
ARCHITECT INFO:
DESIGNSTRUCT, INC.
ROBERT A.L. WILLIAMS R.A.
LICENSE #130019900 EXP. 08/23/25
23617 JOHN R ROAD
HAZEL PARK, MI 48030
248-547-3400

PARCEL NO.: 119-99-0021-001

BLDG. AREA: 6,182 SQ. FT.

PATIO AREA: 2,311 SQ. FT. (OUTDOOR SALES/SEATING AREA)

SITE ZONING: (C-2) GENERAL BUSINESS-2

SPACE USE: OUTSIDE SEATING (PATIO)

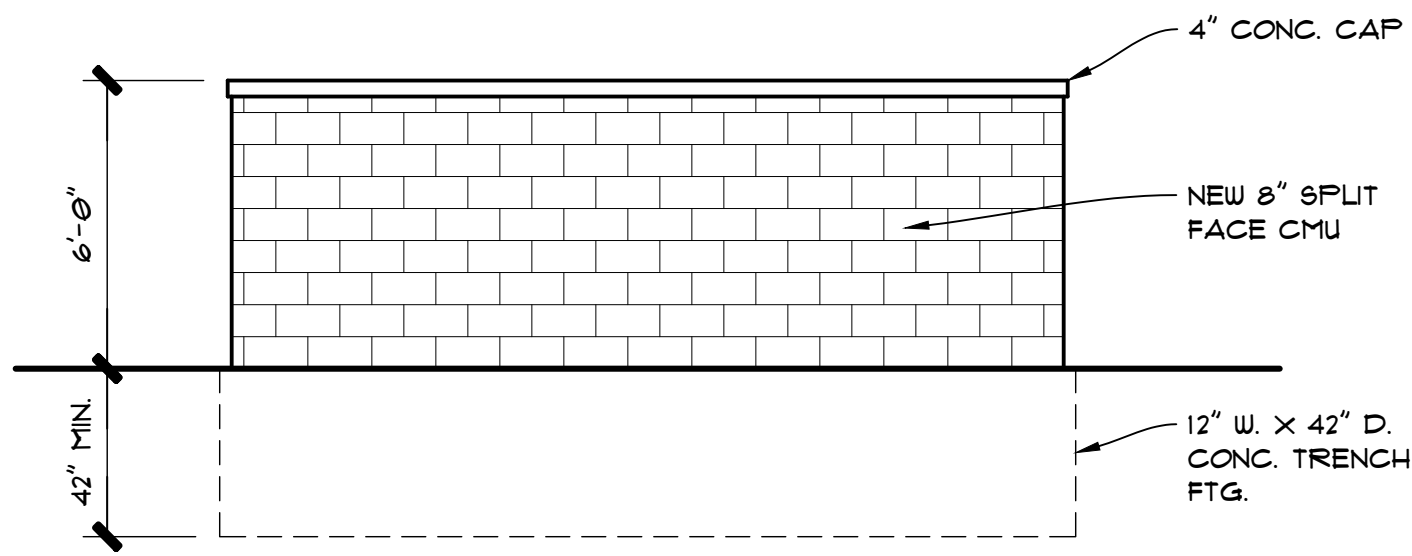
SITE AREA: 50,133 SQ. FT. (1.33 ACRES)

BLDG. HEIGHT: ±24'-0" EXIST. (35'-0" MAX. HEIGHT)

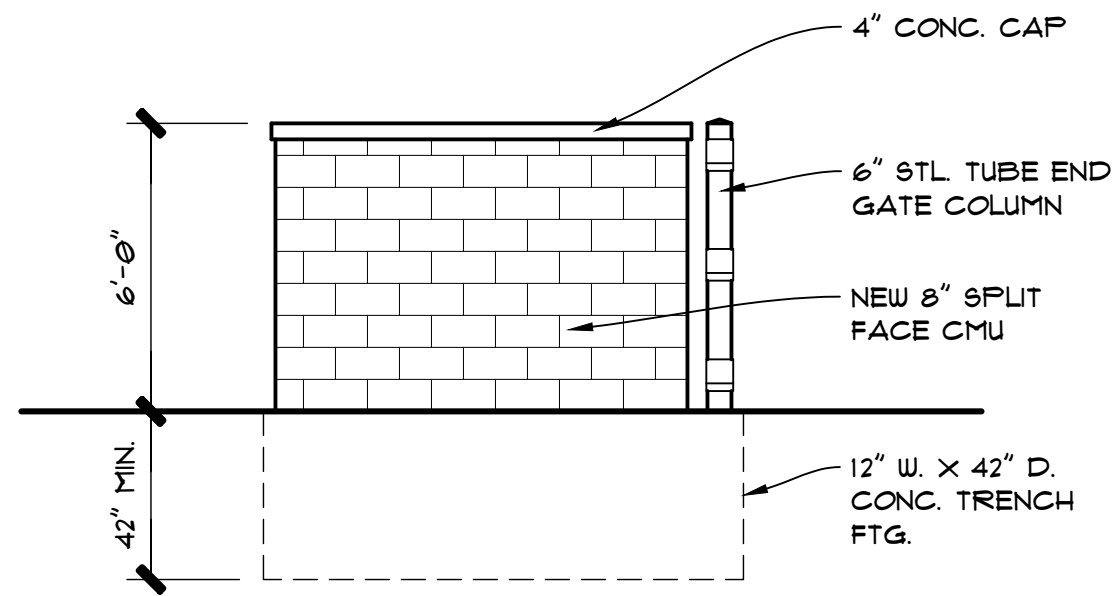
USE GROUP: (A-2) ASSEMBLY

CONSTRUCTION TYPE: III-B

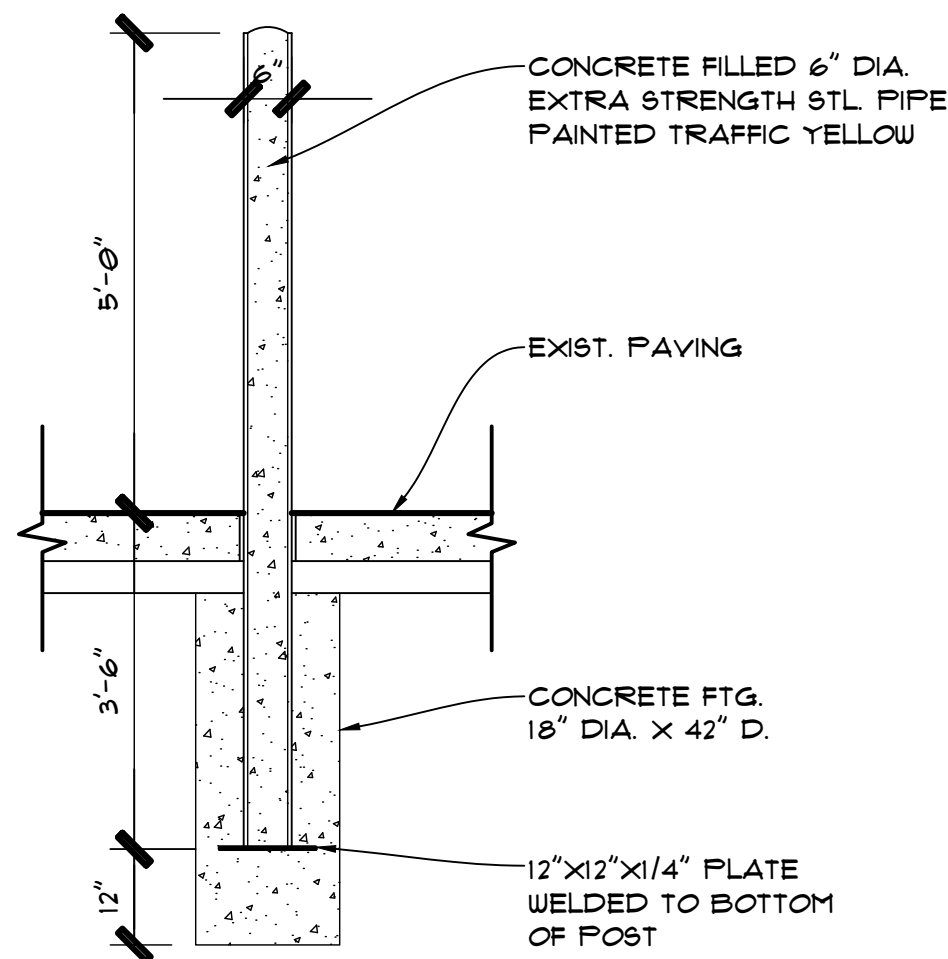
NOTES:
1. NO USE CHANGE TO EXISTING RESTAURANT BUSINESS
2. NO PROPOSED BUILDING STRUCTURE ADDITION
3. NO OPEN STORAGE ON SITE



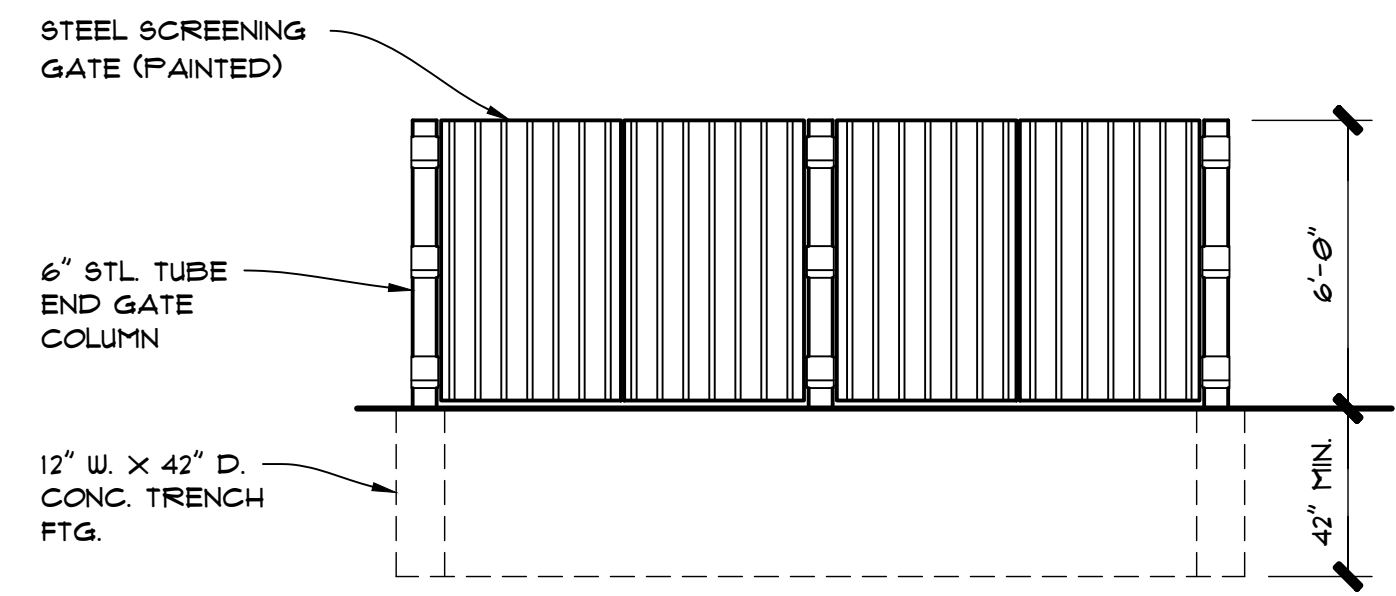
4 DUMPSTER ENCLOSURE ELEVATION
SCALE: 1/4" = 1'-0"



3 DUMPSTER ENCLOSURE ELEVATION
SCALE: 1/4" = 1'-0"



5 BOLLARD DETAIL
SCALE: 1/2" = 1'-0"



2 DUMPSTER ENCLOSURE ELEVATION
SCALE: 1/4" = 1'-0"

NOTE:
HAND DIG FOUNDATIONS WHERE UTILITIES
ARE PRESENT. CALL MISS DIG (811)
BEFORE ANY CONSTRUCTION

NOTE:
PROTECT EXIST. ASPHALT SURFACE
AS REQUIRED DURING CONST.

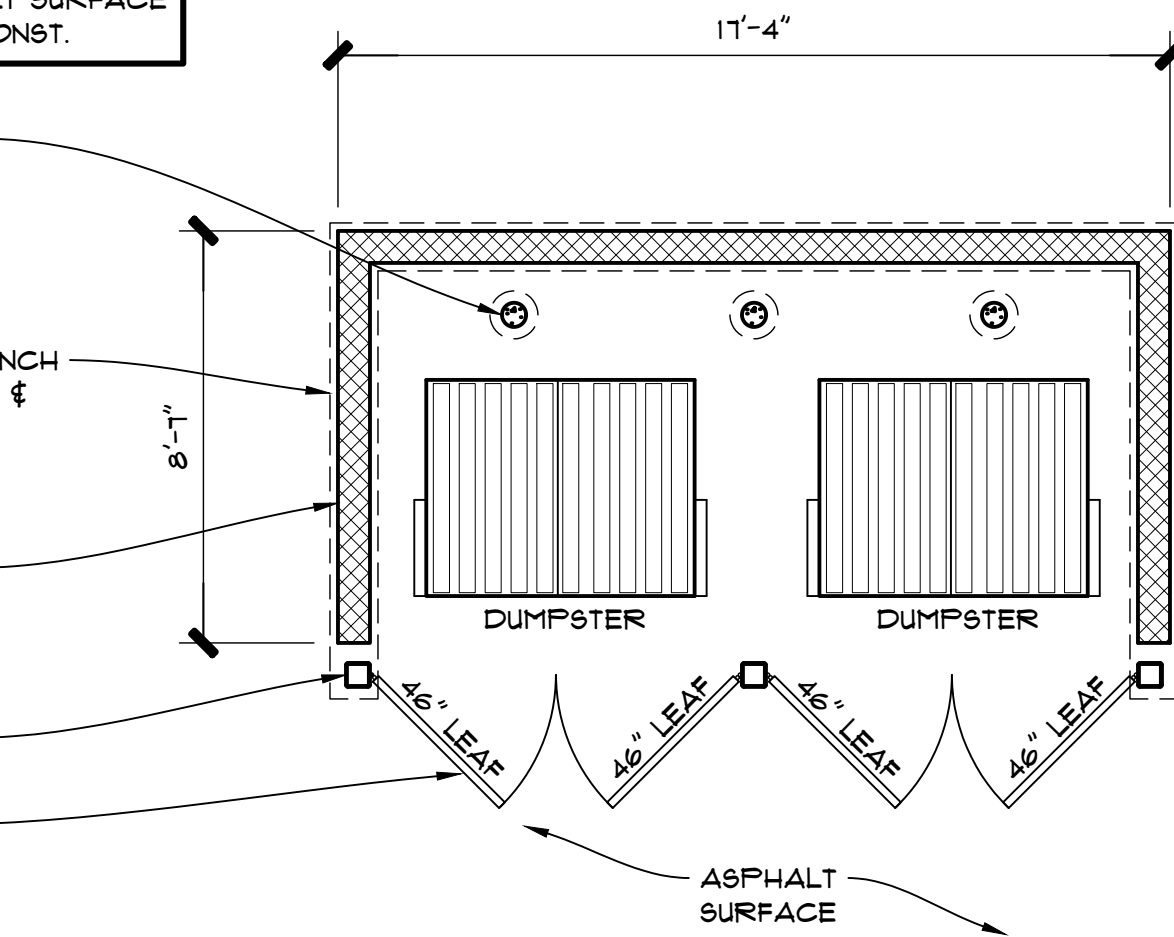
6" DIA. CONCRETE
FILLED BOLLARD (SEE
DETAIL THIS SHIT)

12" W. X 42" D. CONC. TRENCH
FTG. W/ (2) #5 BARS TOP &
BOTTOM (TYP.)

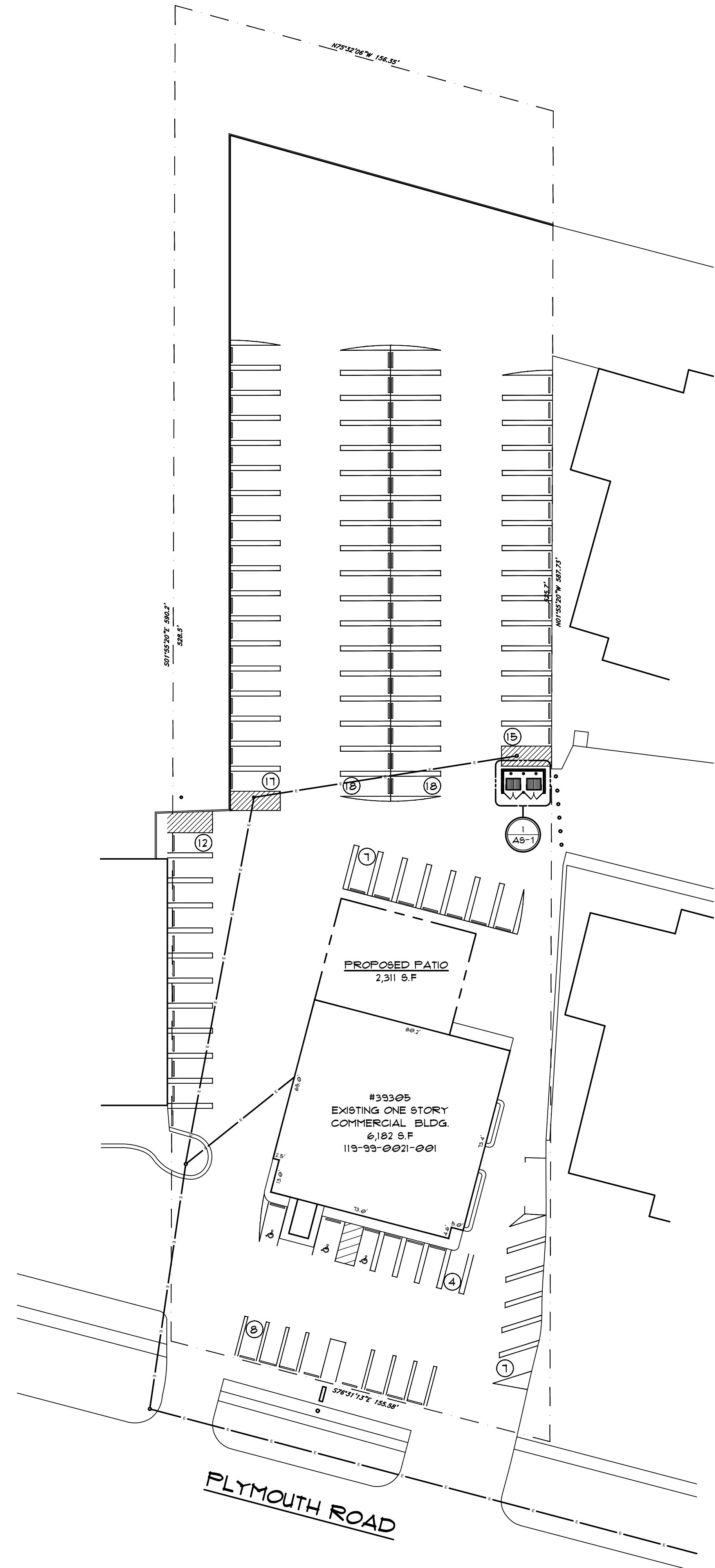
NEW 8" W. X 6'-0" H.
SPLIT-FACE CMU WALL

6" STL. TUBE COLUMN

(4) 46" W. STEEL
SCREENING GATES



1 DUMPSTER ENCLOSURE PLAN
SCALE: 1/4" = 1'-0"



ARCHITECTURAL SITE PLAN
SCALE: 1" = 30'-0"

- PRELIMINARY 04/12/2024
- CLIENT REVIEW 06/12/2024
- BIDDING
- PERMIT 08/30/2024
- CONSTRUCTION
- REVISIONS

SEND A COPY OF ALL
CORRESPONDENCE TO THE
ARCHITECT:
ROBERT A.L. WILLIAMS R.A.
1920 ROBINA AVENUE
BERKLEY, MICHIGAN 48072 &
McCANN-DUMONT & ASSOC. INC.
23617 JOHN R. ROAD
HAZEL PARK, MICHIGAN 48030
(248) 547-3400
(ALL PHONE CALLS TO M.D. & A.)

R.W.
ARCHITECT
ROBERT A.L. WILLIAMS R.A.

1920 ROBINA AVE.
BERKLEY, MICH. 48072

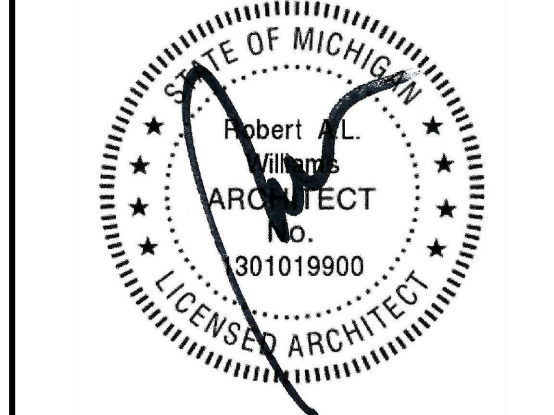
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DESIGNSTRUCT
DESIGN • CONSTRUCTION • MANAGEMENT
23617 JOHN R ROAD
HAZEL PARK, MICHIGAN 48030
(248) 547-1500

PROJECT-LOCATION
MR. MIGUEL'S
MEXICAN GRILLE
39305 PLYMOUTH RD.
LIVONIA, MI 48150

DRAWING TITLE:
ARCHITECTURAL SITE PLAN



DRAWN RZ
CHECKED SCD/JWM
APPROVED SCD/JWM

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PROJECT NUMBER D11470424
SHEET NUMBER AS-1

CONSTRUCTION LEGEND:

INDICATES EXISTING WALLS TO REMAIN, PATCH AND REPAIR AS REQUIRED

3 5/8" METAL STUDS AT 16" O.C. WITH 5/8" TYPE X FIRE CODE GYP. BD. BOTH SIDES

PRELIMINARY04/12/2024

CLIENT REVIEW06/12/2024

BIDDING

PERMIT08/30/2024

CONSTRUCTION

REVISIONS

SEND A COPY OF ALL CORRESPONDENCE TO THE ARCHITECT:
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BERKLEY, MICHIGAN 48072 &
McCANN-DUMONT & ASSOC. INC.
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HAZEL PARK, MICHIGAN 48030
(2 4 8) 5 4 7 - 3 4 0 0
(ALL PHONE CALLS TO M.D. & A.)

R.W.
ARCHITECT
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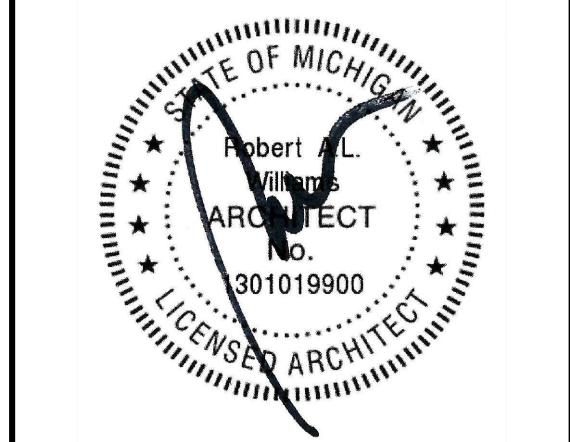
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23617 JOHN R ROAD
HAZEL PARK, MICHIGAN 48030
(2 4 8) 5 4 7 - 1 5 0 0

PROJECT-LOCATION

MR. MIGUEL'S
MEXICAN GRILLE

39305 PLYMOUTH RD.
LIVONIA, MI 48150

DRAWING TITLE:
DESIGN PATIO PLAN #1



DRAWN

CHECKED

APPROVED

RZ

SCD/JWM

SCD/JWM

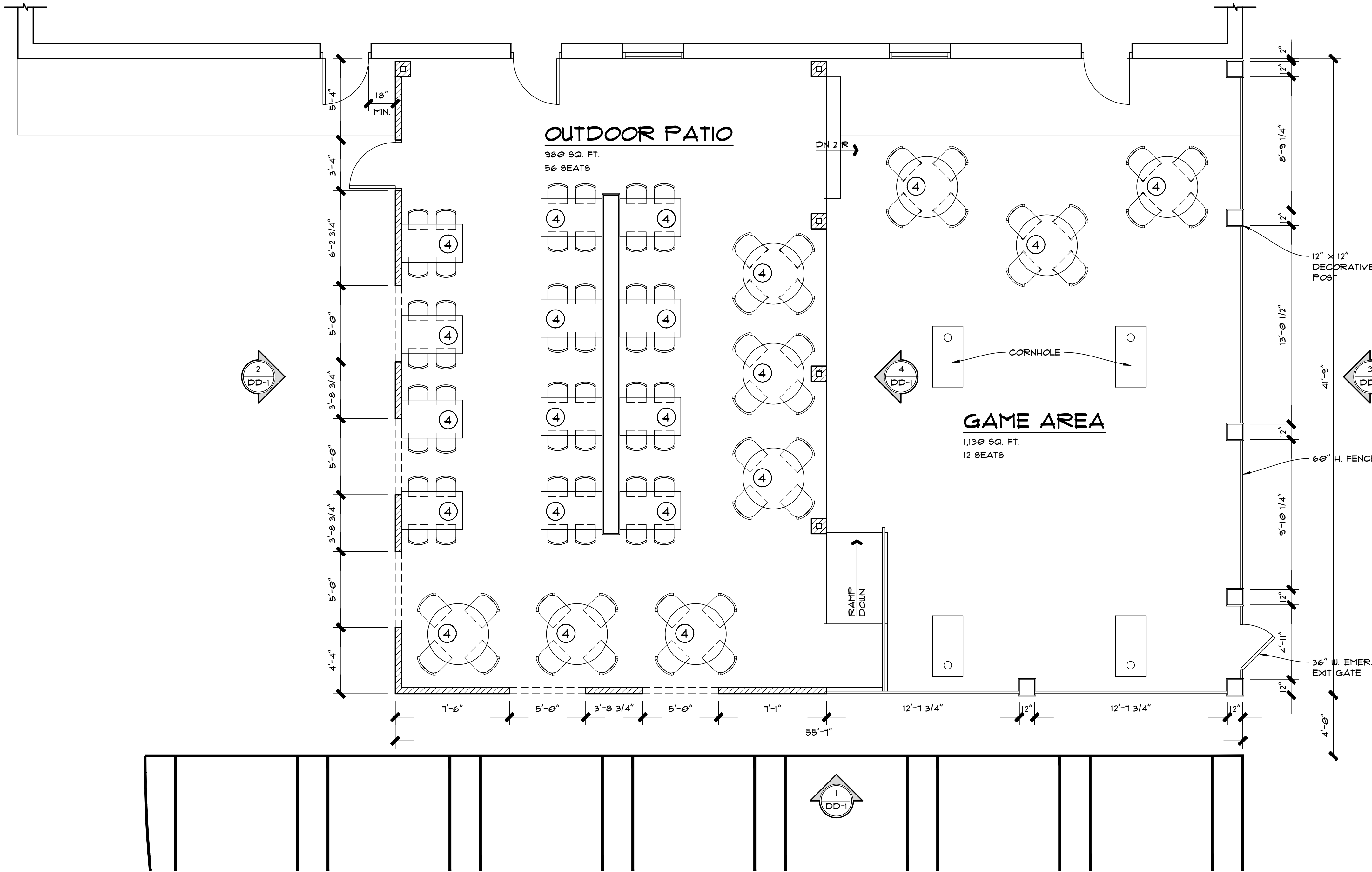
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PROJECT NUMBER

SHEET NUMBER

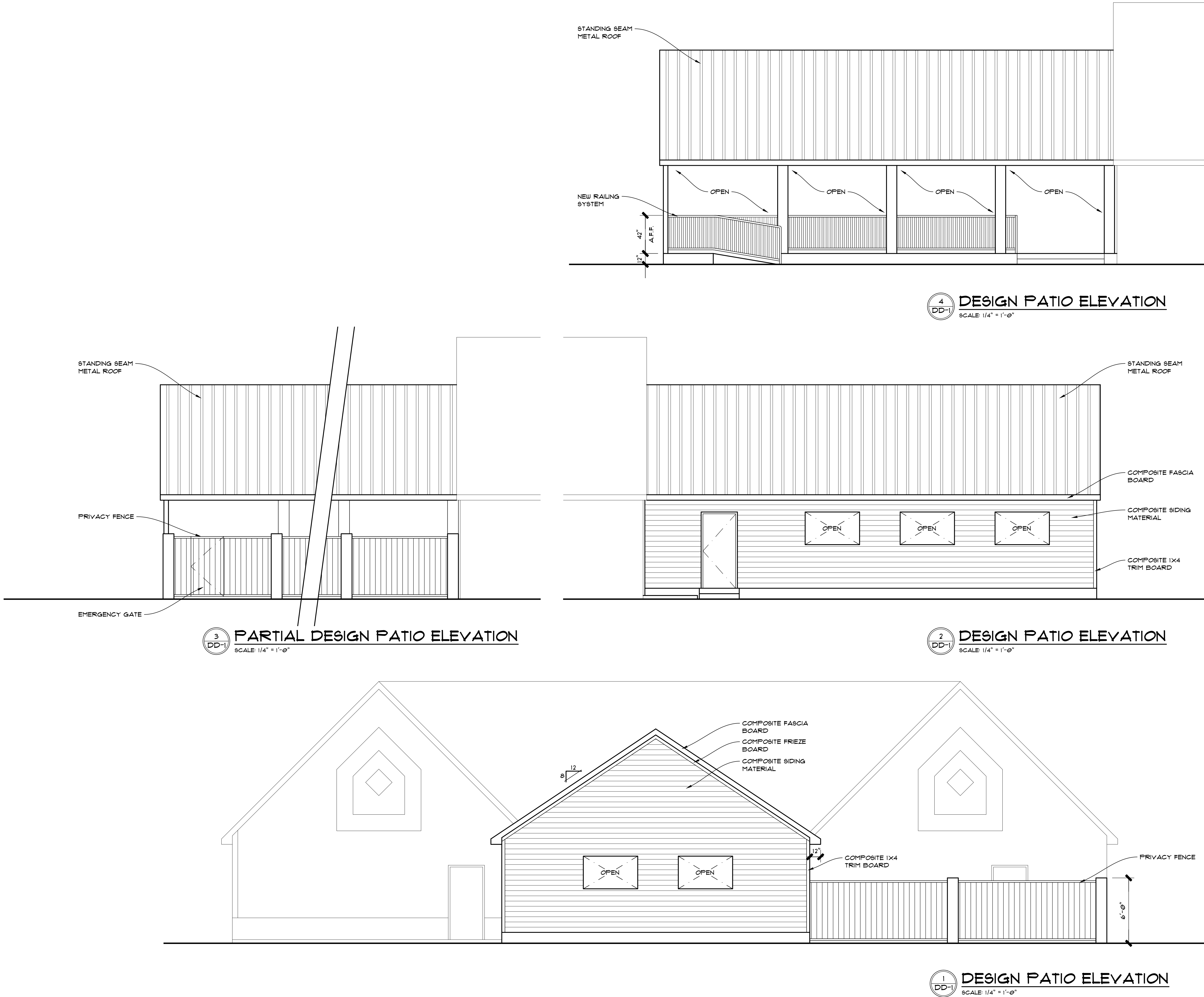
D11470424

DD-1



DESIGN PATIO PLAN #1
SCALE: 1/4" = 1'-0"

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PRELIMINARY

04/12/2024

CLIENT REVIEW

06/12/2024

BIDDING

PERMIT

08/30/2024

CONSTRUCTION

REVISIONS

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BERKLEY, MICHIGAN 48072 &
McCANN-DUMONT & ASSOC. INC.
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(248) 547-3400
(ALL PHONE CALLS TO M.D. & A.)

R.W.

ARCHITECT

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DESIGN

CONSTRUCTION

MANAGEMENT

23617 JOHN R ROAD

HAZEL PARK, MICHIGAN 48030

(248) 547-1500

PROJECT-LOCATION

MR. MIGUEL'S MEXICAN GRILLE

33305 PLYMOUTH RD.
LIVONIA, MI 48150

DRAWING TITLE:

DESIGN PATIO ELEVATIONS

STATE OF MICHIGAN

Robert A.L. Williams

ARCHITECT

NO. 301019900

LICENSED ARCHITECT

DRAWN

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PROJECT NUMBER

SHEET NUMBER

D11410424

DD-2

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CORRESPONDENCE

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

TODD J. ZILINCIK, P.E.
CITY ENGINEER

DAVID W. LEAR, P.E.
ASST. CITY ENGINEER



MAUREEN MILLER BROSNAN
MAYOR

DONALD R ROHRAFF
DIRECTOR OF PUBLIC WORKS

12973 FARMINGTON ROAD
LIVONIA, MICHIGAN 48150
(734) 466-2655

October 28, 2024

Mr. Jacob Uhazie
Assistant Planning Director
City of Livonia

Re: Petition 2024-10-02-18 – #39305 Plymouth Road

Dear Mr. Uhazie:

In accordance with your request, the Engineering Division has reviewed the above referenced petition. We have no objections to the proposed project at this time, but would like to note the following items:

1. The subject parcel is assigned the address of **#39305 Plymouth Road**. Should additional addresses be needed, the Owner will need to contact this Department once permitting has been completed.
2. The existing parcel is currently serviced by public sanitary sewer and water main, and storm sewer. The submitted drawings do not indicate any proposed utility alterations, so we do not believe there will be any impacts to the existing systems with the proposed project.
3. Any disturbances with the Plymouth Road right-of-way will require permits through the Michigan Department of Transportation.

Should you have any additional questions on this matter, please feel free to contact myself at (734) 466-2608 or the City Engineer, Mr. Todd Zilincik at (734) 466-2561. If you would prefer, you can e-mail either of us at dlear@livonia.gov or tzilincik@livonia.gov.

Sincerely,

A blue ink signature of David W. Lear, P.E. is written over a horizontal line.

David W. Lear, P.E.
Assistant City Engineer

cc: 2024 Petition File

DEPARTMENT OF PUBLIC SAFETY
LIVONIA FIRE & RESCUE

ROBERT JENNISON
FIRE CHIEF



MAUREEN MILLER BROSNAN
MAYOR

14910 FARMINGTON ROAD
LIVONIA, MICHIGAN 48154-5419
734-466-2444
734-466-2082 fax

DATE: October 30, 2024
TO: Scott O. Miller, Planner IV
FROM: Livonia Fire Prevention Division
SUBJECT: Petition #2024-10-02-18 Mr. Miguel's 39305 Plymouth Rd.

This office has reviewed the site plan submitted in connection with a request to construct an outdoor patio on the property located at the above referenced address.

We have no objections to this proposal.

A further detailed plan review will take place when this division receives an official plan set.

Sincerely,

Brian R. Kukla

Brian R. Kukla
Fire Marshal

**DEPARTMENT OF PUBLIC SAFETY
DIVISION OF POLICE**

THOMAS GORALSKI
CHIEF OF POLICE



MAUREEN MILLER BROSAN
MAYOR

15050 Farmington Road
Livonia, Michigan 48154-5499
(734) 466-2470
FAX: (734) 261-2265

October 28th 2024

Mr. Scott Miller
City of Livonia Planning Dept
33000 Civic Center Drive
Livonia, MI 48154

Re: Petition 2024-10-02-18 – 39305 Plymouth Road

Mr. Miller,

I have reviewed the plans in connection with the petition. I have no objections to the proposals.

Please feel free to contact me, should you have any questions.

Sincerely,

FOR THE CHIEF OF POLICE,

Paul Walters, Sergeant
Traffic Bureau
(734) 466-2107

INSPECTION DEPARTMENT

BUILDING
HEATING
PLUMBING
ELECTRICAL
ZONING
ENVIRONMENTAL PROTECTION
ORDINANCE ENFORCEMENT



MAUREEN MILLER BROSNAN
MAYOR

JEROME A. HANNA
DIRECTOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2580
FAX: (734) 466-2095

Date: November 5, 2024

To: Jacob Uhazie

From: Jerome Hanna

RE: Petition 2024-10-02-18 - 39305 Plymouth Road

Pursuant to your request, the above-referenced Petition has been reviewed.

This Department has no objections to this Petition.

I trust this provides the requested information.

Jerome Hanna

Jerome Hanna
Director of Inspection

OTHER ITEMS RELATED TO THE PETITION

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

5.

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

8. **AWARD OF BID:** Department of Community Resources, re: the printing of the City of Livonia's 2025 Connections Magazine, from budgeted funds.

Kristin Houchins, Director of Communications, presented this request to Council and indicated the Communications Department and the Parks & Rec Department have worked closely with the low bidder, has an established rapport and relationship, and would like to award the printing of the Connections Magazine for next year to Hearst Printing. This is a one-year contract and Hearst Printing was the lowest bidder overall, second lowest bidder for the additional glossy pages the City would like to move toward. Ms. Houchins indicated the price increase is expected as all things have gone up in cost.

DIRECTION:

APPROVING

CONSENT



LETTER TO THE LIVONIA CITY COUNCIL

8.

Community Resources
November 7, 2024

MEETING DATE	PRESENTED BY
Dec. 2	Kristin Houchins, Director of Community Resources

AGENDA ITEM

AWARD OF BID: Department of Community Resources, re: the printing of the City of Livonia's 2025 Connections Magazine, from budgeted funds.

BACKGROUND DETAILS

The 2024 “Connections” magazine printing contract expired following the release of the Oct. 30 edition and was put back out to bid. Staff is proposing awarding the 2025 printing bid to Hearst for the Spring/Summer 2025-Winter 2025-26 editions (ie. one year, three magazine designs). Hearst was the printer for the 2022, 2023 and 2024 contracts.

Staff posted the new one-year, three-edition request for proposal Oct. 18 and received four bids Oct. 29, 2024. Several questions and price quotes were requested from potential vendors. The bid pricing for a 64-page edition of “Connections” (including additional glossy pages, but not including postage) can be seen here:

	Hearst	Printwell	Indiana Printing
B: Printing/typesetting costs	\$28,243	\$26,976	\$31,268
Cost to mail to 1,000 non-residents (who are Kirksey Recreation Center members)	\$100	\$0	\$579
Annual cost for three typeset issues	\$85,029	\$80,928	\$93,804

The annual production costs for all vendors have increased since last year. This is the fourth consecutive year Hearst was the lowest bid for a 64-page (eight glossy) publication. However, they are the second-lowest bid for the 64-page (16 glossy) variation we are moving toward. Printwell’s bid reflects a price decrease with the addition of glossy pages, whereas all other bidders reflect it as a price increase. Having worked with both Hearst and Printwell on past projects, staff recommends awarding the bid to Hearst. Prices listed here do not include postage, additional copies or the need for additional pages. Those are included in the bid detail chart on the following pages.

For reference, the bid packets for top-bidders Hearst and Printwell are both attached.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

Recommendation: For Council to award the contract for the publication of “Connections” magazine from Spring/Summer 2025-Winter 2025-26 to Hearst at the rates stipulated in the organization’s bid response. Proposed funds would be split between accounts:

SPECIFIC NAME OF PRODUCT AND NUMBER TO BE PURCHASED (if more than one)

Connections Magazine

CONTRACT: Amount and/or purchase price and length of contract (with dates if applicable)

\$85,029 for graphic design and printing for three editions in 2025.

DETAILED WORK BEING PERFORMED

Three 64-page editions of “Connections” (including additional glossy pages, but not including postage)

FISCAL CONSIDERATIONS (Amount requested and Account(s) used. If applicable, Grant Funding information)

101-174-904-000	(~41.8%, \$35,514.50)	Comm (+\$2,846 from last FY)
271-778-904-000	(~8.2%, \$7,000)	Library (new for 2025)
101-821-886-110	(25%, \$21,257.25)	Parks (+\$6,257.25)
208-755-905-000	(17.5%, \$14,880.08)	Parks (+\$4,380.08)
101-752-904-000	(7.5%, \$6,377.18)	Parks (+\$1,877.18)

ACCEPTANCE OF BID (Please detail the following: Why accepted, why not lowest bidder, company name, contact person, full address)

Hearst was the printer for the 2022, 2023 and 2024 contracts. Printwell’s bid reflects a price decrease with the addition of glossy pages, whereas all other bidders reflect it as a price increase. Having worked with both Hearst and Printwell on past projects, staff recommends awarding the bid to Hearst.

REASON TO WAIVE BID PROCESS (Emergency, Professional services, No advantage to City and why, Consortium package, etc): N/A

ATTACHMENTS

1. S120224 LTC 2025 Connections Mag
2. 2024-10-29_ConnectionsBidResults
3. Hearst 2025 PRINTING CONNECTIONS MAGAZINE FINAL Hearst Newspapers Oct 2024 (2)

APPROVED BY



Debra Peck Lichtenberg, CPA, Finance Director

Date: November 15, 2024



Carter Fisher, City Attorney

Date: November 15, 2024



Maureen Miller Brosnan, Mayor

Date: November 21, 2024

10/29/2024

2025 Connections Magazine Bid Results

		Hearst Newspapers (Pioneer Group; Big Rapids)	Printwell (Taylor)	Indiana Printing & Publishing (Indiana, PA)	Marketing.co m/Husky Envelope LLC (Walled Lake)
Version A (Current format with eight gloss pages)	1 Cost of 42,000 copies of 60-page issue	\$ -	\$ 26,481.35	\$ 27,147.00	\$ 99,216.00
	2 Cost of 42,000 copies of 64-page issue	\$ 22,831.00	\$ 27,401.09	\$ 28,198.00	\$ 104,244.00
	3 Cost of 42,000 copies of 68-page issue	\$ -	\$ 29,726.55	\$ 29,394.00	\$ 112,146.00
	4 Cost for additional copies in increments of 1,000	\$ 402.00	\$ 500.00	\$ 517.09	\$ 498.00
	5 Cost to mail non-residents issue, approximately 1,000	\$ 100.00	\$ -	\$ -	\$ 20.00
	Three-issue annual cost 42,000 @ 64 pages + non-res labeling	\$ 68,793.00	\$ 82,203.27	\$ 84,594.00	\$ 312,792.00
Version B (New format with 16 gloss pages)	6 Cost of 42,000 copies of 60-page issue	\$ -	\$ 27,282.76	\$ 30,417.00	\$ 99,216.00
	7 Cost of 42,000 copies of 64-page issue	\$ 28,243.00	\$ 26,976.11	\$ 31,268.00	\$ 104,244.00
	8 Cost of 42,000 copies of 68-page issue	\$ -	\$ 29,739.35	\$ 32,264.00	\$ 112,146.00
	9 Cost for additional copies in increments of 1,000	\$ 504.00	\$ 520.00	\$ 579.37	\$ 498.00
	10 Cost to mail non-residents issue, approximately 1,000	\$ 100.00	\$ -	\$ -	\$ 20.00
	Three-issue annual cost 42,000 @ 64 pages + non-res labeling	\$ 85,029.00	\$ 80,928.33	\$ 93,804.00	\$ 312,792.00
References:		Connections 2022-24 (City of Livonia) Novi Community Education (booklet) WestShore Publishing (weekly newspaper) Forest Hills Public Schools Community Education (booklet)	Madison Heights Parks & Rec Community Publishing (Livonia Today) NTEA (Farmington)	Rec Program Guide (Orland Park, IL) Recycling Newsletter (Ann Arundel County, MD) Special Services Activities Guide (City of Farmington Hills)	None Listed
		State terms: Net 30 days. If paper price increases by 10% or more during the contract we will need to revise prices. The current trend of paper prices has been a downward since the last contract.			

HN Page count issue \$583/M
\$605/M
HN Page count issue \$627/M
IPP See additional column

HN Page count issue \$531/M
\$553/M
\$575/M
IPP See additional column

2024 Connections Magazine Bid Results		Hearst Newspapers (Pioneer Group; Big Rapids)	Indiana Printing & Publishing (Indiana, PA)	Accuform Printing & Graphics (Southfield)
Version A (New format with eight gloss pages)	1 Cost of 42,000 copies of 60-page issue	\$ -	\$ 27,222.00	\$ 31,998.00
	2 Cost of 42,000 copies of 64-page issue	\$ 21,679.00	\$ 28,239.00	\$ 33,698.00
	3 Cost of 42,000 copies of 68-page issue	\$ -	\$ 29,256.00	\$ 33,968.00
	4 Cost for additional copies in increments of 1,000	\$ 312.00	\$ 605.00	\$ 698.00
	5 Cost to mail non-residents issue, approximately 1,000	\$ 100.00	\$ 188.00	\$ 395.00
Version B (Current format with four gloss pages)	6 Cost of 42,000 copies of 60-page issue	\$ 19,215.00	\$ 24,793.00	\$ 32,695.00
	7 Cost of 42,000 copies of 64-page issue	\$ -	\$ 25,810.00	\$ 34,398.00
	8 Cost of 42,000 copies of 68-page issue	\$ 20,650.00	\$ 26,834.00	\$ 34,568.00
	9 Cost for additional copies in increments of 1,000	\$ 345.00	\$ 553.00	\$ 698.00
	10 Cost to mail non-residents issue, approximately 1,000	\$ 100.00	\$ 188.00	\$ 395.00
Three-issue annual cost 42,000 @ 64 pages + non-res labeling		\$ 65,337.00	\$ 85,281.00	\$ 102,279.00
References:		Connections 2022-23 (City of Livonia)	Rec Program Guide (Orland Park, IL)	Budget Book Covers; Laser Checks (City of Livonia)
		Novi Community Education (booklet)	Recycling Newsletter (Ann Arundel County, MD)	Engage (City of Novi)
		WestShore Publishing (weekly newspaper)	Special Services Activities Guide (City of Farmington Hills)	City of Farmington Hills
		Forest Hills Public Schools Community Education (booklet)		City of Detroit Elections
				City of Birmingham
		State terms: Net 30 days. If paper price increases by 10% or more during the contract we will need to revise prices. The current trend of paper prices has been a downward since the last contract.		

####

HN	\$583/M	\$583/M
	\$605/M	\$605/M
HN	\$627/M	\$627/M
IPP	See additional column	

	\$531/M	
HN	\$553/M	\$531/M
	\$575/M	\$553/M
IPP	See additional column	
		\$575/M

2023 Connections Magazine Bid Results	Hearst		Grand Blar 2023
	2023*	2024*	
1 Cost of 42,000 copies of 60-page issue	\$ 20,944.00	\$ 21,991.00	\$ 24,056.67
2 Cost of 42,000 copies of 64-page issue	\$ -	\$ -	\$ 25,216.67
3 Cost of 42,000 copies of 68-page issue	\$ 22,656.00	\$ 23,788.00	\$ 26,380.00
4 Cost for additional copies in increments of 1,000	\$ 417.00	\$ 417.00	\$ 474.00
5 Cost to mail non-residents issue, approximately 1,000	\$ 100.00	\$ 100.00	\$ 150.00
6 Cost of converting additional four inside pages to cover weight	\$ -	\$ -	\$ 4,220.00
7 Cost of 42,000 copies of 60-page issue without typesetting	\$ 19,925.00	\$ 19,925.00	\$ 20,456.67
8 Cost of 42,000 copies of 64-page issue without typesetting	\$ -	\$ -	\$ 21,376.67
9 Cost of 42,000 copies of 68-page issue without typesetting	\$ 27,712.00	\$ 22,755.00	\$ 22,300.00
Book Size	8x10		8x10.5
Three-issue annual cost 42,000 @ 68 pages + non-res labeling	\$ 68,268.00	\$ 71,664.00	\$ 79,590.00
References	WestShore Publishing (weekly Novi Community Education (booklet) Forest Hills Public Schools Community Education (booklet) *If price of paper goes up more than 10%, they will need to adjust their prices based on RISI index (similar as 5% in 2022 contract).		City of Troy (2012+ City of Sterling He Canton Twp (2012- L Magazine (boo

nc Printing	Accuform	
2024	2023	2024
\$ 24,670.00	\$ 32,798.00	\$ 33,798.00
\$ 25,856.67	\$ 32,978.00	\$ 33,978.00
\$ 27,050.00	\$ 33,178.00	\$ 34,178.00
\$ 488.00	\$ 780.00	\$ 780.00
\$ 150.00	\$ 300.00	\$ 300.00
\$ 4,350.00	\$ 3,500.00	\$ 3,500.00
\$ 21,070.00	\$ 32,198.00	\$ 33,198.00
\$ 22,016.67	\$ 32,378.00	\$ 33,378.00
\$ 22,970.00	\$ 32,578.00	\$ 33,578.00
	8x10?	
\$ 81,600.00	\$ 99,534.00	\$ 102,534.00
+ parks magazine)	City of Novi (signage, magazine)	
eights (2007-12+	City of Birmingham (newsletter)	
!+ parks magazine)	City of Detroit (signage, magazines, newsletters, ballots)	
oklet since 1987)	Motor City (Commerce; catalogs)	
	Livonia PD 2020	
	Golf Livonia 2019	

11/15/2022

2021 L Magazine Bid Results

	Pioneer Group (Big Rapids)	Indiana Printing & Publishing (Indiana, PA)
1 Cost of 42,000 copies of 60-page issue	\$ 14,498.00	\$ 15,605.00
2 Cost of 42,000 copies of 64-page issue	\$ 14,997.00	\$ 16,186.00
3 Cost of 42,000 copies of 68-page issue	\$ 15,546.00	\$ 16,774.00
4 Cost for additional copies in increments of 1,000	\$ 292.00	\$ 346.00
5 Cost to mail non-residents issue, approximately 650	\$ 50.00	\$ 78.00
6 Cost of converting additional four inside pages to cover weight	\$ 2,483.00	\$ 3,020.00
7 Cost of flipping back cover image	\$ -	\$ -
	\$6 per page	
8 Cost of providing electronic flipbook	(\$6*68=\$408)	\$ 85.00
Book Size	8x10	8x10
Three-issue annual cost 42,000 @ 68 pages + non-res labeling	\$ 46,788.00	\$ 50,556.00
Notes		Non-Mich.

References

WestShore Publishing (weekly newspaper)	Town of Islip NY (rec brochures)
Novi Community Education (booklet)	Frederick Community College MD (booklet)
Forest Hills Public Schools Community Education (booklet)	Nassau Community College NY (booklet)

ID	Enterprises (F.Hills)	Quintero Enterprises (Ridgeview, NY)	Dearborn Lithograph (Livonia)	Inland Press (Detroit)
\$	17,412.50	\$ 23,800.00	\$ 24,113.00	\$ 36,822.00
\$	18,143.75	\$ 25,900.00	\$ 26,458.00	\$ 36,925.00
\$	19,481.35	\$ 25,400.00	\$ 26,528.00	\$ 37,265.00
\$	475.00	\$ 700.00	\$ 477.89	\$ 734.00
\$	206.00	\$ -	\$ 218.40	No Bid
\$	2,000.00	\$ 2,500.00	\$ 1,936.00	No Bid
\$	-	\$ -	\$ -	No Bid
\$	200.00	\$ 1,750.00	\$ 65.00	\$ 200.00
	8x10.5	8.5x11	8x10	Blank
\$	59,062.05	\$ 76,200.00	\$ 80,239.20	\$ 111,795.00

No bids from:

Accuform

Community Publishing

Printwell (Love Livonia)

Full bid packets:

https://livonia-my.sharepoint.com/personal/e_bachelor_livonia_gov/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Febachelor%5Flivonia%5Fgov%2F20Documents%2FL%20MAGAZINE%202021&originalPath=aHR0cHM6Ly9saXZvbmlhLW15LnNoYXJlcG9pbmQuYy29tLzpmOi9nL3BlcnNvbWFSL2ViyVWNoZWxycl9saXZvbmlhX2dvdi9FanBEeENrQTlpQkhqOGE2RURDzjN3d0JGcnJCdlhtb1hCS0NkeXdUTHFjbG1RP3o1aW11PU5heUk3RHZOMkVn

Non-Mich.		Didn't use amended RFP	
City of Farmington Hills (magazine)	Queens Bourrough Magazine NY (magazine)	City of Southfield (brochures, calendar)	UAW Retiree Health Care (newsletter)
City of Westland (printing)	Omni Dental (printing)	City of Birmingham (calendar, annual report, postcard, newsletter)	UAW (bound books)
Plastic Omnium (printing)	All Star Lighting (magazine, printing)	Redford Twp. (parks newsletter/calend ar, water report)	No Third
L Magazine (booklet since 1987)			
City of Troy (booklet)			
City of Canton (printing)			
City of Sterling Heights (booklet)			



NOTICE TO BIDDERS
PRINTING OF CONNECTIONS MAGAZINE CITY OF LIVONIA, MICHIGAN

Sealed proposals will be received by the City of Livonia, Michigan, as owner, until **2:00 p.m. on October 29, 2024 VIA THE MITN WEBSITE ONLY (WWW.MITN.INFO)**, at which time said proposals will be opened and publicly read. No late bids will be considered.

The public bid opening will be held via Zoom. Bid Opening Access:

By Computer: <https://us02web.zoom.us/j/82294127641>

By Phone: Phone (312) 626-6799

Webinar ID: 822 9412 7641

The City of Livonia seeks proposals for bidding the following:

PRINTING OF CONNECTIONS MAGAZINE

No bidder may withdraw his proposal within sixty (60) days after the date set for the opening thereof. The City reserves the right to reject any or all bids based on past performance or other valid reason and to waive irregularities in bids.

- 1) Instructions to bidders and specifications may be obtained by registering with the Michigan Inter-Governmental Trade Network (MITN) at www.mitn.info.

All addendums will be posted on the MITN website. Any information not obtained from the MITN website should not be relied upon.

Proposals must be submitted on the forms found on the MITN website with no exceptions.

- 2) Acceptance of any bid does not constitute a binding agreement until a written Contract is signed by both parties.

QUESTION DEADLINE: Vendor questions will be received in writing only by the City of Livonia until OCTOBER 24, 2024. Phone calls will not be accepted. Firms shall submit questions via email to Gus Kandah, Purchasing Manager at gkandah@livonia.gov. The City does not guarantee a response to questions received after the question deadline has passed.

ALL PRICING MUST BE SUBMITTED ON THE FORMS PROVIDED BY THE CITY OF LIVONIA.

REMINDERS TO BIDDERS

1. **EXAMINATION OF BID DOCUMENT**-Before submitting a bid, bidders shall carefully examine the specifications and shall fully inform themselves as to all existing conditions and limitations. The bidder shall indicate in the bid the sum to cover the cost of all items included on the bid form.
2. **PREPARATION OF BID**-The bid shall be legibly prepared in ink or typed. If a unit price or extension already entered by the bidder on the Bid and Award form is to be altered, it shall be crossed out and the new unit price or extension entered above or below and initialed by the bidder with ink. The bid shall be legally signed and the complete address of the bidder given thereon.
3. **EXPLANATION TO BIDDERS**-Any explanation desired by a bidder regarding the meaning or interpretation of the Invitation for Bid and attachments must be requested in writing, and with sufficient time allowed for a reply to reach all prospective bidders before. The submission of their bid. Any information given to a prospective bidder concerning the IFB will be furnished to all prospective bidders as an amendment or addendum to the IFB if such information would be prejudicial to uninformed bidders. Receipt of amendments or addenda by a bidder must be acknowledged in the bid by attachment, Oral explanation or instructions given prior to the opening will not be binding.
5. **CASH DISCOUNTS**-Discounts offered for payment within less than thirty (30) days will not be considered in evaluating bids for award. Offered discounts of less than thirty (30) days will be taken if payment is made within the discount period, even though not considered in evaluation of the bid.
6. **WITHDRAWAL OF BIDS**-Bids may be withdrawn in person by a bidder or authorized representative, provided their identity is made known and a receipt is signed for the bid, but only if the withdrawal is made prior to the exact time set for receipt of bid. No bid may be withdrawn for at least 60 days after bid opening.
7. **ALTERNATE BIDS**-Bidders are cautioned that any alternate bid, unless specifically requested or any changes, insertions or omissions to the terms and conditions, specifications or any other requirement of this RFP may be considered nonresponsive.

8. LATE BIDS-Any bid received **after** the exact time specified for receipt, will not be considered.

The owner may at any time, by written notice to the contractor, terminate this contract and the contractor's right to proceed with the work, for just cause, which shall include, but is not limited to the following:

- A. Failure to provide insurance and bonds (when called for), in the exact amounts and within the time specified or any extension thereof.
- B. Failure to make delivery of the supplies, or to perform the services within the time specified herein, or any extension thereof.

NOTE:

- 1. City - based firms shall have preference per local bidder preference ordinance, Livonia Code of Ordinances Section 3. 04. 140E.
- 2. Final payment will not be made until final acceptance of work performed has been granted by the City of Livonia.

**FORM OF PROPOSAL
PRINTING OF CONNECTONS MAGAZINE**

Proposal of Hearst Newspapers hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as Hearst Newspapers of Michigan *. Insert as applicable: "a corporation", "a partnership" or "an individual" TO THE CITY OF LIVONIA, MICHIGAN, hereinafter called OWNER:

The undersigned as Bidder hereby declares: that this Bid is made in good faith without fraud or collusion with any person or persons bidding on the same Contract; that the Bidder has read and examined documents included in the Request for Proposal by the City of Livonia, and understands all of the same; that the Bidder or its representative has made personal investigation and has become fully familiar with regard to the conditions to be met in the execution of this Contract, and the undersigned proposes to furnish all labor, materials, tools, power, transportation, and equipment to perform the towing services specified in the Request for Proposal in full accordance with the aforesaid Contract Documents, including any and all Addenda officially issued, their receipt of which is hereby acknowledged:

Addendum No.

Addendum Date

The contract will be recommended for award to the highest ranked bidder demonstrating an ability to meet the requirements set forth in this solicitation.

The contractor shall complete and return all necessary forms with proposal submission.

BIDDER SHALL USE ONLY THE FORMS PROVIDED BY THE CITY OF LIVONIA TO PROVIDE PRICING WITH NO EXCEPTIONS. PROVIDE PRICING ON THE ATTACHED EXCEL SPREAD SHEET AND UPLOAD WITH YOUR BID RESPONSE TO THE MITN WEBSITE.

If the foregoing Bid shall be accepted by the OWNER, the undersigned agrees to enter into the attached form of Agreement within ten (10) days after receiving notice of such acceptance, will furnish the OWNER satisfactory bonds and certificates of insurance coverage, and will complete the Project, at the price and within the time stated in this Bid.

The undersigned further agrees that if the foregoing Bid shall be accepted, work will commence at the date and time set forth after the Contract has been awarded, the Agreement executed, and a Notice to Proceed received.

In submitting this proposal, it is understood that the right is reserved by the OWNER to accept any proposal, to reject any or all proposals, and to waive irregularities in bidding in the interest of the OWNER.

of the OWNER.

Submitted On 10/22/2024

By John Dixon

Street 22405 18 Mile Road

Signature *John Dixon*

Big Rapids MI 49307

Director of Operations and Sales

City/State/Zip

Name and Title of Signatory

231-592-8391

Telephone Number

Facsimile Number

Contact to whom questions regarding the bid should be directed:

Name: John Dixon **Title:** Director of Operations and Sales

Phone 231-592-8391 **Email** john.dixon@hearst.com

RETURN THE FOLLOWING DOCUMENTS AS A PDF FILE WITH YOUR BID RESPONSE
UPLOADED TO THE MITN WEBSITE:

1. Form of Proposal (2 pages)
2. Price Sheet (Complete Excel Spreadsheet attached to bid)
3. Statement of Qualifications (2 pages)
4. References (1 page)
5. Company Overview

Please provide the documents in the order listed above.

Statement of Qualifications – Printing of “Connections” Magazine

Contractors must answer all questions. If more space is needed to complete a question, attach a separate sheet.

Company Name: Hearst Newspapers Michigan

Address 22405 18 Mile Road Big Rapids MI 49307

Contact Person: John Dixon Title Director of Operations and Sales

Phone No. 231-592-8391 Email john.dixon@hearst.com

Number of years operating under your present name: 125

Number of years present owners have owned the company: This location 8 years

Number of years of experience the current owner has in providing the type of printing services described herein 125 years.

Have you performed work for the City of Livonia in the last ten (10) years? If so, please specify:

Year of Service	Department Serviced	Description of Services Provided
2023 and 2024	Communications	Printing and Mailing Connections

General nature of work performed by your company:

Printing and mailing of booklets and newspapers

List the members of the team who will be assigned to manage towing services on behalf of the contractor and the roles they will perform. Attach copies of the resumes of the persons listed below:

Name	Title	Role	Years of Experience
John Dixon	Director	Communications	40
Michael Passarelli	Design	Graphic Design	11
Don Watters	Production Manager	Manage Production	46

What challenges do you foresee?

None, we have done a good job on the current contract with the City of Livonia

What is included in your base price for services? What services will incur additional fees:

Printing, Stitching, Trimming, Mailing with all postal paperwork and Delivery

City of Livonia to provide mailing permit and pay the postage

Contact Phone Number during normal business hours.: 231-592-8391

Proposed Hours of Operation

DAYS	BUSINESS HOURS
Monday – Friday	8 AM to 5 PM

What value added services in addition to those specified can your company provide?

DESCRIPTION OF SERVICE	FEE

COMPANY NAME: Hearst Newspapers

REFERENCES – PRINTING OF CONNECTIONS MAGAZINE
Complete contact information for all references must be provided.

COMPANY NAME: Hearst Newspapers Michigan

Reference Company Name: City of Livonia
City/State:
Summary of Work Performed: Currently printing and mailing the Connections Magazine
Dates of Work: 2022 and 2023 contract years
Company Contact Person: Title:
Phone Number: Email:

Reference Company Name:
City/State:
Summary of Work Performed:
Dates of Work:
Company Contact Person: Title:
Phone Number: Email:

Reference Company Name:
City/State:
Summary of Work Performed:
Dates of Work:
Company Contact Person: Title:
Phone Number: Email:

**TYPESET, PRINT AND DELIVER
CITY OF LIVONIA “CONNECTIONS” MAGAZINE**

GENERAL REQUIREMENTS

Bid is for a one (1)-year period – January 2025 to December 2025. Contract may be extended for one (1) year through an amendment in the Contract, provided that the City notifies the Vendor at least 60 days prior to Contract expiration date.

“Connections” magazine to be published up to three (3) times per year: In March (spring/summer), July (fall), October/November (winter).

Each issue will have a minimum of 60 pages. Add price for additional pages online provided on Form of Proposal (i.e. 64, 68 pages).

Allow adequate turn around time to meet distribution deadlines.

TYPESET AND DESIGN SPECIFICATIONS

Bid shall include all corrections, use of clip art, shading and creative design. Layout would consist of mostly two columns, color. All editorial content will be provided electronically.

Photos and graphics will be provided digitally in JPG, PNG or TIFF format. Must be able to work in all three formats. Bid shall include, if necessary, color correction and creative placement.

City will furnish Microsoft Word text files and PDF files.

City will provide direction and/or examples to model the design of specific pages.

The City requires the return of an electronic copy of each proof with noted revisions in order to verify changes were made.

Bidder will work with the City that will provide completed ad/artwork to printer within a specified time frame to meet bidder’s production deadline.

PRINTING SPECIFICATIONS

Quote shall include color proof, and printing on both version A of 70# gloss text first two page sheets and last two page sheets (ie. eight total printable pages), and version B 70# gloss text first four page sheets and last four sheets (ie. 16 total printable pages), both 8” x 10” with 50# white offset inside pages on recycled paper with fold stitch, stapled, packaged and delivered to United States Post Office.

42,000 will be printed or additional copies in increments of 1,000 based on need.

Four color required on all pages and covers.

Price for additional eight pages, four-color process and list page positions available for four color.

SORT AND DELIVERY

Set up Carrier Route, sort and deliver to the Post Office.

This procedure involves taking all zip codes (48150, 48152 and 48154) to Merriman branch for weigh-in as well as mailing of approximately 1,000 non-resident “Connections” magazines. Addresses will be provided to printer by Parks and Recreation and then taking 48152 magazines to the Newburgh branch for distribution.

“Connections” Magazine is delivered to approximately 40,500 residents only. All extra issues delivered to the Kirksey Recreation Center.

PLEASE SUBMIT IN TRIPLICATE
FORM OF PROPOSAL
PRINTING OF "CONNECTIONS" MAGAZINE

COMPANY NAME: Hearst Newspapers Michigan

Honorable Members of the City Council
33000 Civic Center Drive
Livonia, Michigan 48154

Council Members:

The undersigned, as bidder, declares that they have familiarized themselves with the type of project desired and have carefully examined the specifications and instructions to bidders, which they understand and accept as sufficient for the purpose and agrees they will furnish to the City of Livonia the specified items and will accept in full payment therefore the following amounts:

AS PER ATTACHED SPECIFICATIONS

Version A Paper weight: 70# gloss text first two and last two page sheets (ie. eight total printable pages), 50# white offset inside pages on recycled paper

Version B Paper weight: 70# gloss text first four and last four page sheets (ie. 16 total printable pages), 50# white offset inside pages on recycled paper

			TOTAL 2025 PRICE	TOTAL 2026 OPT-IN RENEWAL PRICE
Version A	1	Cost of 42,000 copies of 60-page issue (with typesetting/design)	\$ No Bid Page count Not a fit	\$ No Bid
	2	Cost of 42,000 copies of 64-page issue (with typesetting/design)	\$ 22,831	\$ 23,972
	3	Cost of 42,000 copies of 68-page issue (with typesetting/design)	\$ No Bid Page count not a fit	\$ No Bid
	4	Cost for additional copies in increments of 1,000	\$ 402	\$ 422
	5	Cost to mail non-residents issue, approximately 1,000	\$ 100	\$ 100
Version B	6	Cost of 42,000 copies of 60-page issue (with typesetting/design)	\$ No Bid Page count not a fit	\$ No Bid
	7	Cost of 42,000 copies of 64-page issue (with typesetting/design)	\$ 28,243	\$ 29,655
	8	Cost of 42,000 copies of 68-page issue (with typesetting/design)	\$ No Bid Page Count not a fit	\$ No Bid
	9	Cost for additional copies in increments of 1,000	\$ 504	\$ 529
	10	Cost to mail non-residents issue, approximately 1,000	\$ 100	\$ 100

Price shall hold firm for a period of one (1) year from the inception of the contract.

State terms: Net 30 Days. If paper price increases by 10% or greater on the RISI paper price index during the contract our price will need to be adjusted to account for the additional paper cost.

In submitting this sealed bid, it is understood that the City of Livonia reserves the right to reject or accept any or all proposals in whole or in part and waive any irregularities or formalities therein.

FP-1

Form of Proposal - "Connections" Magazine
City of Livonia, Department of Parks and Recreation

The contractors and their sub-contractors agree that they will not discriminate against any employee or applicant for employment, to be employed in the performance of this contract with respect to their hire, tenure, terms, conditions or privileges of employment, or any matter directly or indirectly related to employment, because of their sex or age, except when based on a bona fide occupational qualification, or because of their race, color, religion, national origin or ancestry. (Act 453 P.A. 1976 As Amended). The contractor further agrees that they will take affirmative action to insure the applicants are employed and that employees are treated during employment without regard to age, sex, race, creed, color or national origin. Breach of this contract may be regarded as a material breach of contract.

Bidder will identify business entity as individual, or if doing business under assumed name, indicate assumed name, partnership, (naming partners), corporation, foreign or domestic (naming principal officers) and indicate official capacity of person executing proposal and bid.

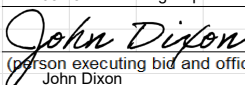
Date 10/22/2024

Firm Name Hearst Newspapers Michigan

(If corporation, partnership, or assumed name)

Address 22405 18 Mile Road

22405 18 Mile Rd Big Rapids MI 49307

Signature 
(person executing bid and official capacity)

Print John Dixon

Phone 231-592-8391 Fax _____

Names of Principal Officers and designate official capacity.
John Dixon Director of Operations and Sales

If partnership or assumed name, indicate names of owners.

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

6.

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

9. REQUEST WAIVE THE FORMAL BID PROCESS AND AUTHORIZATION TO PURCHASE EXTREME NETWORK SWITCHES THROUGH REMC CONTRACT PRICING: Information Systems Department, re: from budgeted funds.

Casey O'Neill, Director of Information Systems, presented the request to Council. Mr. O'Neill indicated the current switches used by the IS Department have long outlived their life expectancy and the required switches are best priced through REMC contract pricing available to Livonia. They are used for all City computers and phones. They are offering us a 69% discount and would include installation by the vendor.

DIRECTION:

APPROVING

CONSENT



LETTER TO THE LIVONIA CITY COUNCIL

9.

Information Systems
November 14, 2024

MEETING DATE

S120224/R121824

PRESENTED BY

Casey O'Neil, Information Systems Director

AGENDA ITEM

REQUEST WAIVE THE FORMAL BID PROCESS AND AUTHORIZATION TO PURCHASE EXTREME NETWORK SWITCHES THROUGH REMC CONTRACT PRICING: Information Systems Department, re: from budgeted funds.

BACKGROUND DETAILS

The city currently utilizes Dell network switches for its network infrastructure. These switches are 10 years old and at their end of life. Dell is no longer producing network switches. Extreme Networking provides cost-effective modern switching that can be controlled and managed via the cloud. These switches utilize the same platform as our Extreme wireless access points, allowing IS staff a single pane of glass view of city network activity. Delta Network Services is on the REMC contract for Extreme and has vast experience configuring and installing these switches in public-sector environments.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

Approve the purchase of Extreme switches for the city network infrastructure for a cost of \$442,193.85 under REMC contract number 255110 from budgeted funds.

SPECIFIC NAME OF PRODUCT AND NUMBER TO BE PURCHASED (if more than one)

73 Network Switches with 7-year licensing and warranty.

CONTRACT: Amount and/or purchase price and length of contract (with dates if applicable)

\$442,193.85

DETAILED WORK BEING PERFORMED

Replacement of network switches throughout the City network.

FISCAL CONSIDERATIONS (Amount requested and Account(s) used. If applicable, Grant Funding information)

\$442,193.85 from budgeted funds in account number 401-000-982-000.

ACCEPTANCE OF BID (Please detail the following: Why accepted, why not lowest bidder, company name, contact

person, full address)

N/A

REASON TO WAIVE BID PROCESS (Emergency, Professional services, No advantage to City and why, Consortium package, etc): Waive the formal bid process using REMC contract number 255110.

ATTACHMENTS

1. City of Livonia_Customer_11.13.24_FINAL2
2. 5520 Datasheet
3. extremeccloud-iq-data-sheet
4. Delta Network Services_References

APPROVED BY



Casey O'Neil, Information Systems Director

Date: November 14, 2024



Debra Peck Lichtenberg, CPA, Finance Director

Date: November 15, 2024



Maureen Miller Brosnan, Mayor

Date: November 21, 2024

City of Livonia - Extreme LAN

5520-24x core, 5420F distribution switches

7YRS of support, TAC, NBD replacement and cloud mgmt services

									7 Years	7 Years
Qty	Part#	Product Name	Description	Unit List	Ext List	Unit Sell	Ext Sell	Install Sell	Unit Sell	Ext Sell
Core										
3	5520-24X	5520 24port SFP+ Switch	ExtremeSwitching 5520-24X 24 1Gb/10Gb SFP+ ports, 2 stacking/QSFP28 ports. 1 unpopulated VIM slot. Includes 2 fan modes, 2 unpopulated modular PSU slots.	\$ 16,585.00	\$ 49,755.00	\$ 5,141.35	\$ 15,424.05	\$ 900.00		
3	5520-VIM-4XE	5520-VIM-4XE	5520 Versatile Interface Module with four 10GbE SFP+ ports, LRM MACsec capable.	\$ 2,338.00	\$ 7,014.00	\$ 724.78	\$ 2,174.34	\$ -		
6	XN-ACPWR-350W-FB	350W AC Power Supply	350W AC Power Supply Module - Front to Back airflow.	\$ 995.00	\$ 5,970.00	\$ 308.45	\$ 1,850.70			
6	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$ 18.00	\$ 108.00	\$ 6.12	\$ 36.72			
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.			\$ 33.00	\$ -			
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.			\$ 48.00	\$ -			
2	100G-DACP-QSFP25M	100G-DACP-QSFP25M	Extreme 100G Passive DAC QSFP28 .5m	\$ 419.00	\$ 838.00	\$ 142.46	\$ 284.92			
1	100G-DACP-QSFP1M	100G-DACP-QSFP1M	Extreme 100G Passive DAC QSFP28 1m	\$ 419.00	\$ 419.00	\$ 142.46	\$ 142.46			
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$ 1,642.00	\$ -	\$ 114.94	\$ -			
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$ 2,739.00	\$ -	\$ 191.73	\$ -			
4	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector			\$ 80.00	\$ 320.00			
26	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector			\$ 100.00	\$ 2,600.00			
8	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)			\$ 398.00	\$ 3,184.00			
26	FIBER-OS2-LCLC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable			\$ 21.00	\$ 546.00			
4	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M			\$ 21.00	\$ 84.00			
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M			\$ 40.00	\$ -			
6	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M			\$ 40.00	\$ 240.00			
2	FIBER-MODE-OM2-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM2-SCLC-3M			\$ 40.00	\$ 80.00			
3	5000-PRMR-LIC-P	Premier License	Perpetual Premier License for 5000 Series switches.	\$ 2,495.00	\$ 7,485.00	\$ 848.30	\$ 2,544.90			
3	97000-5000-PRMR-LIC-P	97000-5000-PRMR-LIC-P	Software & TAC support on 5000 premier license, term is 7 YEARS					\$ 672.00	\$ 2,016.00	
3	97000-5520-24X	97000-5520-24X	EW TAC OS 5520-24X, term is 7 YEARS					\$ 3,194.24	\$ 9,582.72	
46	97000-5420F-48P-4XL	97000-5420F-48P-4XL	EW TAC OS 5420-48P-4XL, term is 7 YEARS					\$ 1,953.28	\$ 89,850.88	
0	97000-5420F-48P-4XE	97000-5420F-48P-4XE	EW TAC OS 5420F-48P-4XE, term is 7 YEARS					\$ 2,038.40	\$ -	
12	97000-5420F-24P-4XE	97000-5420F-24P-4XE	EW TAC OS 5420F-24P-4XE, term is 7 YEARS					\$ 1,326.08	\$ 15,912.96	
9	97000-5320-16P-4XE	97000-5320-16P-4XE	EW TAC OS 5320-16P-4XE, term is 7 YEARS					\$ 743.68	\$ 6,693.12	
73	XIQ-PIL-S-C-EW	ExtremeCloud IQ Pilot SaaS Subscription and EW SaaS Support for one (1) device (7 year)	ExtremeCloud IQ Pilot 5500 Tier 0 for 7 YEARS Cloud Subscription with ExtremeWorks TAC OS (US K-12)					\$ 420.00	\$ 30,660.00	
1300	CABLE-CAT6-01-NB	Cat6 UTP patch cable, 1', non-booted	Cat6 UTP patch cable, 1', non-booted			\$ 2.92	\$ 3,790.80			
22	CABLE-CAT6-12-NB	Cat6 UTP patch cable, 12', non-booted	Cat6 UTP patch cable, 12', non-booted			\$ 8.78	\$ 193.25			
Core Subtotal =				\$ 189,111.82			\$ 33,496.14	\$ 900.00	\$ 154,715.68	

City Hall - CH_BAS_STK_1										
5	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$ 11,096.00	\$ 55,480.00	\$ 3,439.76	\$ 17,198.80	\$ 1,500.00		
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$ 10,586.00	\$ -	\$ 3,281.66	\$ -	\$ -		
5	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$ 1,595.00	\$ 7,975.00	\$ 494.45	\$ 2,472.25			
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot. Includes 1 year XIQ Pilot cloud subscription.	\$ 6,885.00	\$ -	\$ 2,134.35	\$ -	\$ -		
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$ 1,198.00	\$ -	\$ 371.38	\$ -			
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$ 14,429.00	\$ -	\$ 4,472.99	\$ -	\$ -		
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$ 2,095.00	\$ -	\$ 649.45	\$ -			
10	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$ 18.00	\$ 180.00	\$ 6.12	\$ 61.20			
4	20G-DACP-SFPDD1M	20G-DACP-SFPDD1M	Extreme SFP-DD 20G Direct Attach Cable, 1m	\$ 490.00	\$ 1,960.00	\$ 151.90	\$ 607.60			
1	20G-DACP-SFPDD3M	20G-DACP-SFPDD3M	Extreme SFP-DD 20G Direct Attach Cable, 3m	\$ 745.00	\$ 745.00	\$ 230.95	\$ 230.95			
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.			\$ 33.00	\$ -			
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.			\$ 48.00	\$ -			
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$ 1,642.00	\$ -	\$ 114.94	\$ -			
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$ 2,739.00	\$ -	\$ 191.73	\$ -			
2	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector			\$ 80.00	\$ 160.00			
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector			\$ 100.00	\$ -			

12	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)				\$	398.00	\$	4,776.00
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable				\$	21.00	\$	-
2	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M				\$	21.00	\$	42.00
12	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M				\$	40.00	\$	480.00

City Hall - CH_BAS_SRV

2	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	22,192.00	\$	3,439.76	\$	6,879.52	\$	600.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
2	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	36.00	\$	6.12	\$	12.24		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		
2	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-	96.00	
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
2	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	160.00		
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-		
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	-		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-		
2	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	42.00		
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$	-		

City Hall - CH_FL1_SW1

2	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	22,192.00	\$	3,439.76	\$	6,879.52	\$	600.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
2	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	36.00	\$	6.12	\$	12.24		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	66.00		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-		
2	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	796.00		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
2	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M					\$	40.00	\$	80.00		

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2	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	22,192.00	\$	3,439.76	\$	6,879.52	\$	600.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		

0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
2	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	36.00	\$	6.12	\$	12.24		
2	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00		66.00		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00		-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00		-		
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00		-		
2	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00		796.00		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00		-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00		-		
2	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M					\$	40.00		80.00		

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2	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	22,192.00	\$	3,439.76	\$	6,879.52	\$	600.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
2	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	36.00	\$	6.12	\$	12.24		
2	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00		66.00		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00		-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00		-		
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00		-		
2	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00		796.00		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00		-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00		-		
2	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M					\$	40.00		80.00		

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2	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	22,192.00	\$	3,439.76	\$	6,879.52	\$	600.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
2	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	36.00	\$	6.12	\$	12.24		
2	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00		66.00		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00		-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00		-		
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00		-		
2	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00		796.00		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00		-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00		-		
2	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M					\$	40.00		80.00		

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1	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	11,096.00	\$	3,439.76	\$	3,439.76	\$	300.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-		
2	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	796.00		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
2	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M					\$	40.00	\$	80.00		

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2	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	22,192.00	\$	3,439.76	\$	6,879.52	\$	600.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
1	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	6,885.00	\$	2,134.35	\$	2,134.35	\$	300.00
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
3	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	54.00	\$	6.12	\$	18.36		
3	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	99.00		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-		
2	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	796.00		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
2	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M					\$	40.00	\$	80.00		

Building Subtotal =	\$	84,582.71	\$	78,882.71	\$	5,700.00
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4	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	11,096.00	\$	44,384.00	\$	3,439.76	\$	13,759.04	\$	1,200.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot. Includes 1 year XIQ Pilot cloud subscription.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		

4	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	72.00	\$	6.12	\$	24.48
3	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	99.00
1	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	48.00
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-
4	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	1,592.00
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-
4	FIBER-MODE-OM2-SCLC-3M	FIBER-MODE-OM2-SCLC-3M	FIBER-MODE-OM2-SCLC-3M					\$	40.00	\$	160.00

District Court - DC_FL2_STK_1

2	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	22,192.00	\$	3,439.76	\$	6,879.52	\$	600.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
2	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	36.00	\$	6.12	\$	12.24		
2	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	66.00		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-		
2	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	796.00		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
2	FIBER-MODE-OM2-SCLC-3M	FIBER-MODE-OM2-SCLC-3M	FIBER-MODE-OM2-SCLC-3M					\$	40.00	\$	80.00		
Building Subtotal =				\$	25,316.28			\$	23,516.28	\$	1,800.00		

Library - LIB_BAS_STK_1

2	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	11,096.00	\$	22,192.00	\$	3,439.76	\$	6,879.52	\$	600.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot. Includes 1 year XIQ Pilot cloud subscription.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
2	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	36.00	\$	6.12	\$	12.24		
2	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	66.00		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-		
8	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	3,184.00		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
8	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M					\$	40.00	\$	320.00		

Library - LIB_FL1_STK_1

2	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	22,192.00	\$	3,439.76	\$	6,879.52	\$	600.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
2	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	36.00	\$	6.12	\$	12.24		
2	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	66.00		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-		
2	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	796.00		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
2	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M					\$	40.00	\$	80.00		

Library - LIB_FL2_SW1

1	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	11,096.00	\$	3,439.76	\$	3,439.76	\$	300.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-		
2	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	796.00		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
2	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M					\$	40.00	\$	80.00		

Library - LIB_FL3_SW1

1	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	11,096.00	\$	3,439.76	\$	3,439.76	\$	300.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		

0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-
2	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	796.00
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-
2	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M					\$	40.00	\$	80.00

Library - LIB_AUD											
0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	-	\$	3,439.76	\$	-
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-
1	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	6,885.00	\$	2,134.35	\$	2,134.35
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	-
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$	-
Building Subtotal =				\$	31,179.75			\$	29,079.75	\$	2,100.00

Senior Center - SC_SW_1											
2	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	11,096.00	\$	22,192.00	\$	3,439.76	\$	6,879.52
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	10,586.00	\$	-	\$	3,281.66	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot. Includes 1 year XIQ Pilot cloud subscription.	\$	6,885.00	\$	-	\$	2,134.35	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-
2	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	36.00	\$	6.12	\$	12.24
1	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	66.00
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-
2	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	796.00
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-
2	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M					\$	40.00	\$	80.00
Building Subtotal =				\$	8,433.76			\$	7,833.76	\$	600.00

Police HQ - POL_SW_1

0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	11,096.00	\$	-	\$	3,439.76	\$	-	\$	-
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
1	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slot. Includes 1 year XIQ Pilot cloud subscription.	\$	6,885.00	\$	6,885.00	\$	2,134.35	\$	2,134.35	\$	300.00
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACSec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
2	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	200.00		
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	-		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-		
4	FIBER-OS2-LCLC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/LC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	84.00		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$	-		
Building Subtotal =				\$	2,724.47			\$	2,424.47	\$	300.00		

DPW - Old Admin													
3	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	11,096.00	\$	33,288.00	\$	3,439.76	\$	10,319.28	\$	900.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slot. Includes 1 year XIQ Pilot cloud subscription.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACSec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
3	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	54.00	\$	6.12	\$	18.36		
3	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	99.00		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
2	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	200.00		
4	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	1,592.00		
2	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	42.00		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
4	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M					\$	40.00	\$	160.00		

DPW - DPW_BLD_SW1													
1	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	11,096.00	\$	3,439.76	\$	3,439.76	\$	300.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		

0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-		
2	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	796.00		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
2	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M					\$	40.00	\$	80.00		

DPW - DPW_Garage_SW1

1	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	11,096.00	\$	3,439.76	\$	3,439.76	\$	300.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-		
2	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	796.00		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
2	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M	FIBER-MODE-OM1-STLC-3M					\$	40.00	\$	80.00		
Building Subtotal =				\$	22,574.40			\$	21,074.40	\$	1,500.00		

DPW - New Admin

3	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	11,096.00	\$	33,288.00	\$	3,439.76	\$	10,319.28	\$	900.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot. Includes 1 year XIQ Pilot cloud subscription.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
3	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	54.00	\$	6.12	\$	18.36		
3	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	99.00		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
2	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	200.00		
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	-		
2	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	42.00		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		

0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M		\$	40.00	\$	-		
Building Subtotal =				\$		11,578.64		\$	10,678.64	\$ 900.00
Rec Center - Floor 1										
2	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	11,096.00	\$	22,192.00	\$	3,439.76	\$ 6,879.52 \$ 600.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	10,586.00	\$	-	\$	3,281.66	\$ - \$ -
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$ -
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot. Includes 1 year XIQ Pilot cloud subscription.	\$	6,885.00	\$	-	\$	2,134.35	\$ - \$ -
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$ -
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$ - \$ -
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$ -
2	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	36.00	\$	6.12	\$ 12.24
2	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$ 66.00
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$ -
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$ -
2	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	5,478.00	\$	191.73	\$ 383.46
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$ -
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$ -
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$ -
2	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$ 42.00
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$ -
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$ -
Rec Center - Floor 2										
1	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	11,096.00	\$	3,439.76	\$ 3,439.76 \$ 300.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$ - \$ -
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$ -
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$ - \$ -
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$ -
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$ - \$ -
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$ -
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$ 6.12
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$ -
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$ -
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$ -
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$ -
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$ -
8	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$ 800.00
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$ -
8	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$ 168.00
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$ -
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$ -
Rec Center - MacGym										
0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	-	\$	3,439.76	\$ - \$ -
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$ - \$ -
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$ -
1	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	6,885.00	\$	2,134.35	\$ 2,134.35 \$ 300.00
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$ -

0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
2	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	200.00		
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	-		
2	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	42.00		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$	-		
Rec Center - Building Office													
1	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	11,096.00	\$	3,439.76	\$	3,439.76	\$	300.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
2	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	200.00		
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	-		
2	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	42.00		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$	-		
Building Subtotal =					\$	19,367.45			\$	17,867.45		\$	1,500.00

Housing - HSG_MAC_2 South													
0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	11,096.00	\$	-	\$	3,439.76	\$	-	\$	-
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
1	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot. Includes 1 year XIQ Pilot cloud subscription.	\$	6,885.00	\$	6,885.00	\$	2,134.35	\$	2,134.35	\$	300.00
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	25G-LR-SFP10KM	25G LR SFP28 10km	25G LR SFP28 10km LC connector Single-Mode	\$	2,059.00	\$	-	\$	473.57	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
3	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	300.00		
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	173.32	\$	-		

3	FIBER-OS2-LCLC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/LC, Duplex, Yellow, 3M Length Fiber Jumper Cable		\$	21.00	\$	63.00		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M		\$	21.00	\$	-		
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M		\$	40.00	\$	-		
Housing - HSG_MAC_1_North										
0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	-	\$	3,439.76	\$ - \$ -
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$ - \$ -
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$ -
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$ - \$ -
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$ -
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$ - \$ -
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$ -
0	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	-	\$	6.12	\$ -
1	5320-16P-4XE	5320-16P-4XE PoE+ Switch	ExtremeSwitching 5320 16 10/100/1000Base-T PoE+ pports, 4x 1GbE SFP ports upgradable to SFP+. MACsec capable. 1 fixed AC PSU.	\$	4,295.00	\$	4,295.00	\$	1,331.45	\$ 1,331.45 \$ 300.00
0	5320-10GUPG-4X-LIC-P	5320-10GUPG-4X-LIC-P	License that converts 4x 1GbE SFP ports to 10GbE SFP+.	\$	795.00	\$	-	\$	246.45	\$ - \$ -
1	XN-2P-RMKIT-011	XN-2P-RMKIT-011	Extreme 2-Post Rack Mount Kit for 5320 16p switch	\$	86.00	\$	86.00	\$	26.66	\$ 26.66
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$ 6.12
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$ -
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$ -
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$ -
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$ -
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$ -
1	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$ 100.00
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$ -
1	FIBER-OS2-LCLC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/LC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$ 21.00
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$ -
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$ -
Housing - HSG_STH_SW_1										
0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	-	\$	3,439.76	\$ - \$ -
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$ - \$ -
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$ -
1	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	6,885.00	\$	2,134.35	\$ 2,134.35 \$ 300.00
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$ -
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$ - \$ -
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$ -
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$ 6.12
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$ -
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$ -
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$ -
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$ -
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$ -
2	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$ 200.00
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$ -
2	FIBER-OS2-LCLC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/LC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$ 42.00
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$ -
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$ -
Housing - HSG_NV_SW1										
0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	-	\$	3,439.76	\$ - \$ -
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$ - \$ -
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$ -

1	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	6,885.00	\$	2,134.35	\$	2,134.35	\$	300.00
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12		
0	5320-16P-4XE	5320-16P-4XE PoE+ Switch	ExtremeSwitching 5320 16 10/100/1000Base-T PoE+ pports, 4x 1GbE SFP ports upgradable to SFP+. MACsec capable. 1 fixed AC PSU.	\$	4,295.00	\$	-	\$	1,331.45	\$	-	\$	-
0	5320-10GUPG-4X-LIC-P	5320-10GUPG-4X-LIC-P	License that converts 4x 1GbE SFP ports to 10GbE SFP+.	\$	795.00	\$	-	\$	246.45	\$	-	\$	-
0	XN-2P-RMKIT-011	XN-2P-RMKIT-011	Extreme 2-Post Rack Mount Kit for 5320 16p switch	\$	86.00	\$	-	\$	26.66	\$	-		
0	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	-	\$	6.12	\$	-		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
2	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	200.00		
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	-		
2	FIBER-OS2-LCLC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/LC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	42.00		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$	-		

Housing - HSG_SV_1

0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	-	\$	3,439.76	\$	-	\$	-
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
1	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	6,885.00	\$	2,134.35	\$	2,134.35	\$	300.00
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
2	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	200.00		
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	-		
2	FIBER-OS2-LCLC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/LC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	42.00		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$	-		

Building Subtotal =	\$	12,636.11	\$	11,136.11	\$	1,500.00
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Greenmead - Blue

0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	11,096.00	\$	-	\$	3,439.76	\$	-	\$	-
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
1	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot. Includes 1 year XIQ Pilot cloud subscription.	\$	6,885.00	\$	6,885.00	\$	2,134.35	\$	2,134.35	\$	300.00
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		

0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.			\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-
0	25G-LR-SFP10KM	25G LR SFP28 10km	25G LR SFP28 10km LC connector Single-Mode	\$	2,059.00	\$	-	\$	473.57	\$	-
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector			\$		\$	80.00	\$	-
2	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector			\$		\$	100.00	\$	200.00
0	D25G-LR-SFP10KM	25G LR SFP28 10km	25G LR SFP28 10km LC connector Single-Mode MSA P/N ESPT251LR1LCL100.			\$		\$	173.32	\$	-
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)			\$		\$	398.00	\$	-
2	FIBER-OS2-LCLC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/LC, Duplex, Yellow, 3M Length Fiber Jumper Cable			\$		\$	21.00	\$	42.00
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M			\$		\$	21.00	\$	-
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M			\$		\$	40.00	\$	-
Greenmead - Hinbern											
0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	-	\$	3,439.76	\$	-
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-
0	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	-	\$	6.12	\$	-
1	5320-16P-4XE	5320-16P-4XE PoE+ Switch	ExtremeSwitching 5320 16 10/100/1000Base-T PoE+ pports, 4x 1GbE SFP ports upgradable to SFP+. MACsec capable. 1 fixed AC PSU.	\$	4,295.00	\$	4,295.00	\$	1,331.45	\$	1,331.45
0	5320-10GUPG-4X-LIC-P	5320-10GUPG-4X-LIC-P	License that converts 4x 1GbE SFP ports to 10GbE SFP+.	\$	795.00	\$	-	\$	246.45	\$	-
1	XN-2P-RMKIT-011	XN-2P-RMKIT-011	Extreme 2-Post Rack Mount Kit for 5320 16p switch	\$	86.00	\$	86.00	\$	26.66	\$	26.66
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.			\$		\$	33.00	\$	-
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.			\$		\$	48.00	\$	-
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector			\$		\$	80.00	\$	-
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector			\$		\$	100.00	\$	-
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)			\$		\$	398.00	\$	-
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable			\$		\$	21.00	\$	-
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M			\$		\$	21.00	\$	-
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M			\$		\$	40.00	\$	-
Greenmead - Meeting											
0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	-	\$	3,439.76	\$	-
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-
0	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	-	\$	6.12	\$	-
1	5320-16P-4XE	5320-16P-4XE PoE+ Switch	ExtremeSwitching 5320 16 10/100/1000Base-T PoE+ pports, 4x 1GbE SFP ports upgradable to SFP+. MACsec capable. 1 fixed AC PSU.	\$	4,295.00	\$	4,295.00	\$	1,331.45	\$	1,331.45
0	5320-10GUPG-4X-LIC-P	5320-10GUPG-4X-LIC-P	License that converts 4x 1GbE SFP ports to 10GbE SFP+.	\$	795.00	\$	-	\$	246.45	\$	-
1	XN-2P-RMKIT-011	XN-2P-RMKIT-011	Extreme 2-Post Rack Mount Kit for 5320 16p switch	\$	86.00	\$	86.00	\$	26.66	\$	26.66
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.			\$		\$	33.00	\$	-
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.			\$		\$	48.00	\$	-
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector			\$		\$	80.00	\$	-
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector			\$		\$	100.00	\$	-
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)			\$		\$	398.00	\$	-

0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable		\$	21.00	\$	-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M		\$	21.00	\$	-		
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M		\$	40.00	\$	-		
Greenmead - Store										
0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	-	\$	3,439.76	\$ - \$ -
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$ - \$ -
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$ -
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$ - \$ -
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$ -
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$ - \$ -
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$ -
0	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	-	\$	6.12	\$ -
1	5320-16P-4XE	5320-16P-4XE PoE+ Switch	ExtremeSwitching 5320 16 10/100/1000Base-T PoE+ pports, 4x 1GbE SFP ports upgradable to SFP+. MACsec capable. 1 fixed AC PSU.	\$	4,295.00	\$	4,295.00	\$	1,331.45	\$ 1,331.45 \$ 300.00
0	5320-10GUPG-4X-LIC-P	5320-10GUPG-4X-LIC-P	License that converts 4x 1GbE SFP ports to 10GbE SFP+.	\$	795.00	\$	-	\$	246.45	\$ -
1	XN-2P-RMKIT-011	XN-2P-RMKIT-011	Extreme 2-Post Rack Mount Kit for 5320 16p switch	\$	86.00	\$	86.00	\$	26.66	\$ 26.66
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$ 6.12
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$ -
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$ -
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$ -
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$ -
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$ -
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$ -
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$ -
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$ -
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$ -
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$ -
Greenmead - School										
0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	-	\$	3,439.76	\$ - \$ -
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$ - \$ -
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$ -
1	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	6,885.00	\$	2,134.35	\$ 2,134.35 \$ 300.00
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$ -
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$ - \$ -
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$ -
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$ 6.12
0	5320-16P-4XE	5320-16P-4XE PoE+ Switch	ExtremeSwitching 5320 16 10/100/1000Base-T PoE+ pports, 4x 1GbE SFP ports upgradable to SFP+. MACsec capable. 1 fixed AC PSU.	\$	4,295.00	\$	-	\$	1,331.45	\$ - \$ -
0	5320-10GUPG-4X-LIC-P	5320-10GUPG-4X-LIC-P	License that converts 4x 1GbE SFP ports to 10GbE SFP+.	\$	795.00	\$	-	\$	246.45	\$ -
0	XN-2P-RMKIT-011	XN-2P-RMKIT-011	Extreme 2-Post Rack Mount Kit for 5320 16p switch	\$	86.00	\$	-	\$	26.66	\$ -
0	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	-	\$	6.12	\$ -
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$ -
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$ -
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$ -
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$ -
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$ -
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$ -
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$ -
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$ -
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$ -
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$ -
Building Subtotal =					\$	10,115.63		\$	8,615.63	\$ 1,500.00

0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	11,096.00	\$	-	\$	3,439.76	\$	-	\$	-
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot. Includes 1 year XIQ Pilot cloud subscription.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
0	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	-	\$	6.12	\$	-		
1	5320-16P-4XE	5320-16P-4XE PoE+ Switch	ExtremeSwitching 5320 16 10/100/1000Base-T PoE+ pports, 4x 1GbE SFP ports upgradable to SFP+, MACsec capable. 1 fixed AC PSU.	\$	4,295.00	\$	4,295.00	\$	1,331.45	\$	1,331.45	\$	300.00
0	5320-10GUPG-4X-LIC-P	5320-10GUPG-4X-LIC-P	License that converts 4x 1GbE SFP ports to 10GbE SFP+.	\$	795.00	\$	-	\$	246.45	\$	-		
1	XN-2P-RMKIT-011	XN-2P-RMKIT-011	Extreme 2-Post Rack Mount Kit for 5320 16p switch	\$	86.00	\$	86.00	\$	26.66	\$	26.66		
1	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	18.00	\$	6.12	\$	6.12		
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	25G-LR-SFP10KM	25G LR SFP28 10km	25G LR SFP28 10km LC connector Single-Mode	\$	2,059.00	\$	-	\$	473.57	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
0	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	-		
0	D25G-LR-SFP10KM	25G LR SFP28 10km	25G LR SFP28 10km LC connector Single-Mode MSA P/N ESPT251LR1LCL100.					\$	173.32	\$	-		
2	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	796.00		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
2	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$	80.00		
Building Subtotal =				\$	2,540.23			\$	2,240.23	\$	300.00		

Sandburg Library													
1	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	11,096.00	\$	11,096.00	\$	3,439.76	\$	3,439.76	\$	300.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
1	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot. Includes 1 year XIQ Pilot cloud subscription.	\$	6,885.00	\$	6,885.00	\$	2,134.35	\$	2,134.35	\$	300.00
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACsec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
2	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	36.00	\$	6.12	\$	12.24		
2	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	66.00		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	25G-LR-SFP10KM	25G LR SFP28 10km	25G LR SFP28 10km LC connector Single-Mode	\$	2,059.00	\$	-	\$	473.57	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
2	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	200.00		
0	D25G-LR-SFP10KM	25G LR SFP28 10km	25G LR SFP28 10km LC connector Single-Mode MSA P/N ESPT251LR1LCL100.					\$	173.32	\$	-		
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	-		
2	FIBER-OS2-LCLC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/LC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	42.00		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$	-		
Building Subtotal =				\$	6,494.35			\$	5,894.35	\$	600.00		

Parks - BiCi, Ford, Rotary

0	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	11,096.00	\$	-	\$	3,439.76	\$	-	\$	-
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slots.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
0	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slot.	\$	6,885.00	\$	-	\$	2,134.35	\$	-	\$	-
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACSec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
0	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	-	\$	6.12	\$	-		
3	5320-16P-4XE	5320-16P-4XE PoE+ Switch	ExtremeSwitching 5320 16 10/100/1000Base-T PoE+ pports, 4x 1GbE SFP ports upgradable to SFP+. MACSec capable. 1 fixed AC PSU.	\$	4,295.00	\$	12,885.00	\$	1,331.45	\$	3,994.35	\$	900.00
0	5320-10GUPG-4X-LIC-P	5320-10GUPG-4X-LIC-P	License that converts 4x 1GbE SFP ports to 10GbE SFP+.	\$	795.00	\$	-	\$	246.45	\$	-		
3	XN-2P-RMKIT-011	XN-2P-RMKIT-011	Extreme 2-Post Rack Mount Kit for 5320 16p switch	\$	86.00	\$	258.00	\$	26.66	\$	-		79.98
3	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	54.00	\$	6.12	\$	-		18.36
0	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	-		
0	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	-		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
6	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	600.00		
0	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	-		
6	FIBER-OS2-LCLC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/LC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	126.00		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$	-		
Building Subtotal =				\$	5,718.69			\$	4,818.69	\$	900.00		

SPARES													
1	5420F-48P-4XL	5420F-48P-4XL PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/LRM MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	11,096.00	\$	11,096.00	\$	3,439.76	\$	3,439.76	\$	300.00
0	5420F-48P-4XE	5420F-48P-4XE PoE+ Switch	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slots. Includes 1 year XIQ Pilot cloud subscription.	\$	10,586.00	\$	-	\$	3,281.66	\$	-	\$	-
0	XN-ACPWR-920W	920W AC Power Supply	920W AC PoE PSU supported on PoE models of 5420 switches	\$	1,595.00	\$	-	\$	494.45	\$	-		
1	5420F-24P-4XE	5420F 24port PoE+ Switch	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACSec capable internal fixed PSU fans 1 unpopulated modular PSU slot. Includes 1 year XIQ Pilot cloud subscription.	\$	6,885.00	\$	6,885.00	\$	2,134.35	\$	2,134.35	\$	300.00
0	XN-ACPWR-600W	600W AC Power Supply	600W AC PoE PSU supported on PoE models of 5420 switches	\$	1,198.00	\$	-	\$	371.38	\$	-		
0	5420F-16MW-32P-4XE	5420F-16MW-32P-4XE Switch	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 Stacking/SFP-DD 4 10G Un-Pop SFP+ MACSec Capable Internal Fixed PSU Fans 1 Un-Pop Modular PSU Slot	\$	14,429.00	\$	-	\$	4,472.99	\$	-	\$	-
0	XN-ACPWR-1200W	1200W AC Power Supply	1200W AC PoE PSU supported on PoE models of 5420 switches	\$	2,095.00	\$	-	\$	649.45	\$	-		
0	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	-	\$	6.12	\$	-		
1	5320-16P-4XE	5320-16P-4XE PoE+ Switch	ExtremeSwitching 5320 16 10/100/1000Base-T PoE+ pports, 4x 1GbE SFP ports upgradable to SFP+. MACSec capable. 1 fixed AC PSU.	\$	4,295.00	\$	4,295.00	\$	1,331.45	\$	1,331.45	\$	300.00
0	5320-10GUPG-4X-LIC-P	5320-10GUPG-4X-LIC-P	License that converts 4x 1GbE SFP ports to 10GbE SFP+.	\$	795.00	\$	-	\$	246.45	\$	-		
0	XN-2P-RMKIT-011	XN-2P-RMKIT-011	Extreme 2-Post Rack Mount Kit for 5320 16p switch	\$	86.00	\$	-	\$	26.66	\$	-		
0	10061	PWR CORD15AUSANEMAS-15C15	Power Cord 15A USA NEMA 5-15 IEC320-C15	\$	18.00	\$	-	\$	6.12	\$	-		
1	DELTA-10304	1m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 1m length.					\$	33.00	\$	33.00		
1	DELTA-10305	3m SFP+ Cable	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.					\$	48.00	\$	48.00		
0	10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector	\$	1,642.00	\$	-	\$	114.94	\$	-		
0	10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector	\$	2,739.00	\$	-	\$	191.73	\$	-		
0	25G-LR-SFP28 10KM	25G LR SFP28 10km	25G LR SFP28 10km LC connector Single-Mode	\$	2,059.00	\$	-	\$	473.57	\$	-		
0	DELTA-10301	SR SFP+ Module	10 Gigabit Ethernet SFP+ module, 850nm, MMF 300m link, LC connector					\$	80.00	\$	-		
1	DELTA-10302	LR SFP+ Module	10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector					\$	100.00	\$	100.00		
0	D25G-LR-SFP28 10KM	25G LR SFP28 10km	25G LR SFP28 10km LC connector Single-Mode MSA P/N ESPT251LR1L1CL100.					\$	173.32	\$	-		
1	ADDO-10303	LRM SFP+ Module	Extreme Networks 10303 Compatible 10GBase-LRM SFP+ Transceiver (MMF, 1310nm, 220m, LC)					\$	398.00	\$	398.00		
0	FIBER-OS2-LCSC-3M	Single Mode Patch,3M	ICC, 1G/10G, 9/125um, LC/SC, Duplex, Yellow, 3M Length Fiber Jumper Cable					\$	21.00	\$	-		
0	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M	FIBER-OM3-SCLC-3M					\$	21.00	\$	-		
0	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M	FIBER-MODE-OM1-SCLC-3M					\$	40.00	\$	-		
Building Subtotal =				\$	8,384.56			\$	7,484.56	\$	900.00		

\$ 721,368.00 \$ 265,043.17 \$ 21,000.00 \$ 154,715.68

Sell Price		
Hardware	\$	265,043.17
Installation	\$	21,000.00
7YR TAC/Sftwr/NBD/Cloud	\$	154,715.68
Freight	\$	1,435.00
Subtotals	\$	442,193.85
System Total w/o PLM =	\$	442,193.85
Optional PLM Bond add amount	\$	5,041.01

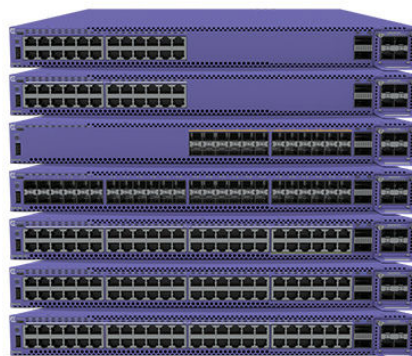
5520 Series

Highlights

- Fixed 24 and 48-port switches with gigabit and multi-gigabit support
- Choice of operating system (OS) with universal dual-persona hardware
- Intuitive and centralized cloud-based network management with ExtremeCloud™ IQ and ExtremeCloud IQ Site Engine
- Fabric-enabled operations with Extreme Fabric Connect for simplified and secure network provisioning and automation
- Front to back cooling and AC power supply input on all models
- Back to front cooling and DC power supply input option on specific models
- AC and DC Power Supply Unit (PSU) capable SKUs

Key Hardware Features

- Choice of 10Gb and 25Gb modular uplink ports
- 30W, 60W and 90W PoE support for powering connected devices
- 200Gb per unit stacking of up to eight switches
- Hot-swappable, redundant power supplies and fans
- MACsec on access and modular uplink ports for secure link encryption
- Extended Edge Switching controlling bridge in support of V300/V400 edge devices
- Non-blocking, wire-speed design



Universal Edge/Aggregation Switch Platform

The 5520 Series is a family of high-performance, feature-rich edge and aggregation switches designed for the next-generation digital enterprise. Available in 24 and 48-port 1 Gigabit models, 1/2.5/5 Gigabit multi-rate models, as well as, a 24-port 10 Gigabit model, the 5520 Series provides end-to-end secure network segmentation and advanced policy capabilities that can be deployed across a range of edge, aggregation, and wiring closet environments. As a universal hardware platform, the 5520 offers a user-selectable choice of Extreme's flagship switch operating systems for a uniquely flexible platform.

The 5520 supports 10Gb and 25Gb modular uplinks for flexible linkage to other switches or devices over a range of media. Extended Edge Switching controlling bridge is also available in support of V300/V400 edge devices, and select models offer a choice between Front to Back or Back to Front cooling. The 5520 Series offers 30W, 60W, and 90W PoE, making it an ideal wired backend for wireless APs or in support of next-gen powered Ethernet devices, such as digital signage, pan-tilt-zoom cameras, smart lighting, or point-of-sale terminals.

Universal Hardware Platform

The 5520 comes with a dual-persona capability, allowing you to choose your OS. Either the Switch Engine (EXOS)¹ or Fabric Engine (VOSS)² OS can be selected at switch start-up or changed at a later stage. When selected, the switch assumes the features and capabilities of that OS.

5520 OS selection can also be automated with ExtremeCloud IQ so that the desired OS can be automatically loaded at switch start-up, facilitating remote OS enablement.

¹ Switch Engine is the new name for ExtremeXOS (EXOS) on all universal switch platforms, starting with Version 31.6.

² Fabric Engine is the new name for the VSP Operating System Software (VOSS) on all universal switch platforms, starting with Version 8.6.

Cloud-Based Network Management

The 5520 can be managed by ExtremeCloud IQ and ExtremeCloud IQ Site Engine for centralized switch management, giving you a consolidated view of users, devices, and applications across wired and wireless networks for efficient inventory and network topology management. ExtremeCloud IQ enables zero touch provisioning, allowing you to quickly bring new 5520 switches online as well as select the OS persona.

Alternatively, 5520 on-box management can be done manually via a web-based GUI or generic command-line interface (CLI).

Ethernet Fabric Services

The 5520 supports a variety of Ethernet Fabric services, including Extreme's Fabric Connect when running Fabric Engine and Extreme's IP Fabric when running Switch Engine. It also supports Fabric Attach for automated connection to either Layer 2 or Layer 3 Fabric services.

Extreme's Fabric Connect and IP Fabric enable the creation of virtualized networks that automate network operations, simplify network provisioning, and enhance security, all while reducing the strain on network and IT personnel.

Power over Ethernet (PoE)

All 5520 models support 30W, 60W, and 90W PoE that conforms with IEEE 802.3bt. This enables the 5520 to address the needs of powered edge devices, while eliminating the need for additional electrical cabling and circuits. In addition, 5520 PoE models support perpetual and fast PoE for even more efficient and reliable powered edge device operation

VIM Options for Flexible Uplinks

The 5520 supports Versatile Interface Modules (VIMs), providing flexible uplink capabilities with a single VIM slot. VIM options include four-port 10Gb or 25Gb modules that include LRM and 256-bit MACsec support.

High-Performance Stacking

The 5520 Series supports high-speed 200Gb* stacking when running Switch Engine via its two built-in QSFP28 stacking ports. Up to eight systems can be stacked using qualified QSFP+ direct attach cables and optical transceivers.

*200Gb stacking available with Switch Engine 31.6

Audio Video Bridging

The 5520 series supports IEEE 802.1 Audio Video Bridging (AVB) when running Switch Engine OS. This allows 5520 models to deliver reliable, real-time audio/video transmission over Ethernet, meeting the quality of service required for today's high-definition, time-sensitive multimedia streams.

External Interfaces

Switch Model	Interfaces
5520-24T	• 24 x 10/100/1000BASE-T ports ◦ Full / Half-Duplex (autosensing) ◦ MACsec-capable • 2 x Stacking/QSFP28 ports* (unpopulated) • 1 x Serial console port (RJ-45) • 1 x 10/100/1000BASE-T out-of-band management port • 2 x USB A ports for management or external USB flash • 1 x USB Micro-B console port • 1 x VIM slot
5520-24W	• 24 x 10/100/1000BASE-T 802.3bt (90W) ports ◦ Full / Half-Duplex (autosensing) ◦ MACsec-capable • 2 x Stacking/QSFP28 ports* (unpopulated) • 1 x Serial console port (RJ-45) • 1 x 10/100/1000BASE-T out-of-band management port • 2 x USB A ports for management or external USB flash • 1 x USB Micro-B console port • 1 x VIM slot
5520-48T	• 48 x 10/100/1000BASE-T ports ◦ Full / Half-Duplex (autosensing) ◦ MACsec-capable • 2 x Stacking/QSFP28 ports* (unpopulated) • 1 x Serial console port (RJ-45) • 1 x 10/100/1000BASE-T out-of-band management port • 2 x USB A ports for management or external USB flash • 1 x USB Micro-B console port • 1 x VIM slot
5520-48W	• 48 x 10/100/1000BASE-T 802.3bt (90W) ports ◦ Full / Half-Duplex (autosensing) ◦ MACsec-capable • 2 x Stacking/QSFP28 ports* (unpopulated) • 1 x Serial console port (RJ-45) • 1 x 10/100/1000BASE-T out-of-band management port • 2 x USB A ports for management or external USB flash • 1 x USB Micro-B console port • 1 x VIM slot
5520-12MW-36W	• 12 x 100M/1/2.5/5GBASE-T 802.3bt (90W) PoE ports • 36 x 10/100/1000BASE-T 802.3bt (90W) PoE ports ◦ Full-Duplex ◦ MACsec-capable • 2 x Stacking/QSFP28 ports* (unpopulated) • 1 x Serial console port (RJ-45) • 1 x 10/100/1000BASE-T out-of-band management port • 2 x USB A ports for management or external USB flash • 1 x USB Micro-B console port • 1 x VIM slot

Switch Model	Interfaces
5520-48SE	• 48 x 100/1000BASE-X (SFP) ports (unpopulated) ◦ MACsec-capable • 2 x Stacking/QSFP28 ports* (unpopulated) • 1 x Serial console port (RJ-45) • 1 x 10/100/1000BASE-T out-of-band management port • 2 x USB A ports for management or external USB flash • 1 x USB Micro-B console port • 1 x VIM slot
5520-24X	• 24 x 100M/1G/10GBASE-X (SFP+) ports** (unpopulated) • 2 x Stacking/QSFP28 ports* (unpopulated) • 1 x Serial console port (RJ-45) • 1 x 10/100/1000BASE-T out-of-band management port • 2 x USB A ports for management or external USB flash • 1 x USB Micro-B console port • 1 x VIM slot
5520-24T-ACDC	• 24 x 10/100/1000BASE-T FDX/HDX MACsec capable ports • 2 stacking/QSFP28 ports • 1 unpopulated VIM slot • 3 unpopulated modular fan slots • 2 unpopulated modular PSU slots • AC or DC PSU capable
5520-48T-ACDC	• 48 x 10/100/1000BASE-T FDX/HDX MACsec capable ports • 2 stacking/QSFP28 ports • 1 unpopulated VIM slot • 3 unpopulated modular fan slots • 2 unpopulated modular PSU slots • AC or DC PSU capable
5520-24X-ACDC	• 24 x 1Gb/10Gb SFP+ ports • 2 stacking/QSFP28 ports • 1 unpopulated VIM slot • 3 unpopulated modular fan slots • 2 unpopulated modular PSU slots • AC or DC PSU capable
5520-48SE-ACDC	• 48 x 1000BASE-X SFP MACsec capable ports • 2 stacking/QSFP28 ports • 1 unpopulated VIM slot • 3 unpopulated modular fan slots • 2 unpopulated modular PSU slots • AC or DC PSU capable
5520-VIM-4X	• 4 x 1/10GBASE-X SFP+ ports (unpopulated)
5520-VIM-4XE	• 4 x 1/10GBASE-X SFP+ ports (unpopulated) ◦ LRM-capable ◦ MACsec-capable
5520-VIM-4YE	• 4 x 10/25GBASE-X SFP28 ports (unpopulated) ◦ MACsec-capable

* Notes on use of the 2 x Stacking/QSFP28 ports

1. With Switch Engine, the 2 x QSFP28 ports can be used for stacking or as Ethernet uplink ports (when not stacking); stacking data rate is 40Gb or 50Gb per port.
2. With Fabric Engine, the 2 x QSFP28 ports can be used as Ethernet uplink ports if in non-Fabric mode or if no VIM is present as of the VOSS 8.4.2 release.
3. Ethernet uplink QSFP28 data rate options per port, with channelization: 4 x 10Gb SFP+, 4 x 25Gb SFP28, 1 x 40Gb QSFP+ (supported with Switch Engine and Fabric Engine); 2 x 50Gb (Switch Engine only)

** 100M on 5520-24 x access ports supported with Switch Engine and with Fabric Engine (minimum Release 8.6).

Performance and Scale

Switch Model	Max Active 10Mb/100Mb/1000Mb ports	Max Active 100Mb/1Gb/2.5Gb/5Gb ports	Max Active 100Mb/1Gb SFP ports	Max Active 1Gb/10Gb SFP+ ports*	Max Active 25Gb SFP28 ports*	Max Active 40Gb QSFP+ ports**	Max Active 50Gb ports**	Max Active 40Gb/50Gb Stacking ports***	Aggregated Switch Bandwidth	Frame Forwarding Rate
5520-24T	24	0	0	12	12	2	4	2	648 Gbps	482.1 Mpps
5520-24W	24	0	0	12	12	2	4	2	648 Gbps	482.1 Mpps
5520-48T	48	0	0	12	12	2	4	2	696 Gbps	517.8 Mpps
5520-48W	48	0	0	12	12	2	4	2	696 Gbps	517.8 Mpps
5520-12MW-36W	36	12	0	12	12	2	4	2	792 Gbps	589.3 Mpps
5520-48SE	0	0	48	12	12	2	4	2	696 Gbps	517.8 Mpps
5520-24X	0	0	24	36	12	2	4	2	1080 Gbps	803.5 Mpps
5520-24T-ACDC	24	0	0	12	12	2	4	2	648 Gbps	482.1 Mpps
5520-48T-ACDC	48	0	0	12	12	2	4	2	696 Gbps	517.8 Mpps
5520-24X-ACDC	0	0	24	36	12	2	4	2	1080 Gbps	803.5 Mpps
5520-48SE-ACDC	0	0	48	12	12	2	4	2	696 Gbps	517.8 Mpps

* Includes 8 ports available through channelization of the 2 x QSFP28 ports when not used for stacking with Switch Engine, or with VOSS 8.4.2 or later

** Available through channelization of the 2 x QSFP28 ports when these ports are not used for stacking in Switch Engine, or with VOSS 8.4.2 or later

*** 50Gb stacking with Switch Engine mode only 31.6 or later

Software Scaling Values

5520 with Switch Engine

- MAC Table: 114,688/65,536
- IPv4 ARP Table: 60,000/41,000*
- IPv4 Route Table: 81,000/16,000*
- IP Multicast Entries (S,G,V): 43,000/24,000*
- IPv6 ND Table: 18,000
- IPv6 Route Table: 40,000/8,000*
- ACL (Ingress/Egress): 9,216/1,024
- QoS Egress Queues/Port: 8
- VLANs: 4,094
- Routed VLANs: 2,048

* First value is the maximum; second is the default. Scaling limits are configurable. See the Switch Engine Release Notes for additional details

- VLANs: 4,059
- Routed VLANs: 500

OnePolicy Scaling

- Policy Profiles: 63
- Unique permit/deny rules per switch: 8,120
- Authenticated policy users/switch: 9,216

Fabric Connect Scaling

- Fabric Adjacencies per switch: 128
- BEB Nodes per VSN: 500
- L2 VSN: 3500
- L3 VSN: 256

5520 with Fabric Engine

- MAC Table: 40,960 (81,920 non-Fabric)
- IPv4 ARP/IP Host Table: 16,000/48,000
- IPv4 Route Table: 15,500
- IP Multicast Routes: 4,000
- IPv6 ND Table: 16,000
- IPv6 Route Table: 7,500
- IPv4 ACL (Ingress/Egress): 1,024/336
- QoS Egress Queues/Port: 8

Weights and Dimensions

Switches

Switch Model	Weight*	Physical Dimensions	
		Chassis Only	With PSU
5520-24T	5.54 kg (12.21 lb.)	Height: 44 mm (1.73 in.) Width: 441 mm (17.36 in.) Depth: 442 mm (17.42 in.)	Height: 44 mm (1.73 in.) Width: 441 mm (17.36 in.) Depth: 449 mm (17.68 in.)
5520-24W	6.25 kg (13.78 lb.)		
5520-48T	5.76 kg (12.70 lb.)		
5520-48W	6.06 kg (13.36 lb.)		
5520-12MW-36W	6.33 kg (13.96 lb.)		
5520-48SE	5.70 kg (12.57 lb.)		
5520-24X	6.25 kg (13.78 lb.)		
5520-24T-ACDC	5.15 kg (11.35 lb.)	Height: 43 mm (1.71 in.) Width: 431 mm (16.98 in.) Depth: 442 mm (17.42 in.)	Not applicable
5520-48T-ACDC	5.95 kg (13.12 lb.)		
5520-24X-ACDC	5.68 kg (12.52 lb.)		
5520-48SE-ACDC	5.91 kg (13.03 lb.)		

* Switch weights include fans but no PSUs

VIM Modules

Model	Weight	Physical Dimensions
5520-VIM-4X	0.17 kg (0.37 lb.)	Height: 40.8 mm (1.61 in.) Width: 48.8 mm (1.92 in.) Depth: 146.3 mm (5.76 in.)
5520-VIM-4XE	0.20 kg (0.44 lb.)	
5520-VIM-4YE	0.21 kg (0.46 lb.)	

Power Supplies

Model	Weight*	Physical Dimensions
10953 (350W AC)	1.08 kg (2.38 lb.)	Height: 82.5 mm (3.25 in.) Width: 40 mm (1.57 in.) Depth: 287 mm (11.30 in.)
10951 (715W AC)	1.16 kg (2.56 lb.)	
10941 (1100W AC)	1.16 kg (2.56 lb.)	
XN-ACPWR-2000W-F (2000W AC)	1.16 kg (2.56 lb.)	Height: 75 mm (2.95 in.) Width: 40 mm (1.57 in.) Depth: 292 mm (11.50 in.)
XN-ACPWR-550W-FB	0.81 kg (1.79 lb.)	Height: 40 mm (1.58 in.) Width: 73.7 mm (2.90 in.) Depth: 185.2 mm (7.29 in.)
XN-ACPWR-550W-BF	0.81 kg (1.79 lb.)	
XN-DCPWR-550W-FB	0.81 kg (1.79 lb.)	
XN-DCPWR-550W-BF	0.81 kg (1.79 lb.)	

Power Supply Unit Specifications

	10953	10951	10941	XN-ACPWR-2000-F*
Voltage Input Range (Nominal)	100VAC-127VAC/ 200VAC-240VAC	100VAC-127VAC/ 200VAC-240VAC	100VAC-127VAC/ 200VAC-240VAC	100VAC-127VAC/ 200VAC-240VAC
Line Frequency Range	50Hz to 60Hz	50Hz to 60Hz	50Hz to 60Hz	50Hz to 60Hz
Power Supply Input Socket	IEC/EN 60320 C14	IEC/EN 60320 C16	IEC/EN 60320 C16	IEC/EN 60320 C16
Power Cord Input Plug	IEC/EN 60320 C15	IEC/EN 60320 C15	IEC/EN 60320 C15	IEC/EN 60320 C15
Operating Temperature	0°C to 55°C (32°F to 131°F) Normal Operation	0°C to 50°C (32°F to 122°F) Normal Operation	0°C to 50°C (32°F to 122°F) Normal Operation	0°C to 55°C (32°F to 131°F) Normal Operation

* 200VAC-240VAC is required to achieve full 2000W output. If run at 100VAC-120VAC, output is limited to 1100W.

Power Supply Unit Specifications (cont.)

	XN-ACPWR-350W-FB	XN-ACPWR-350W-BF	XN-ACPWR-715W-FB	XN-ACPWR-1100W-FB	XN-ACPWR-2000W-FB*
Voltage Input Range (Nominal)	100VAC-240VAC	100VAC-240VAC	100VAC-240VAC	100VAC-240VAC	100VAC-240VAC
Line Frequency Range	50Hz to 60Hz	50Hz to 60Hz	50Hz to 60Hz	50Hz to 60Hz	50Hz to 60Hz

	XN-ACPWR-350W-FB	XN-ACPWR-350W-BF	XN-ACPWR-715W-FB	XN-ACPWR-1100W-FB	XN-ACPWR-2000W-FB*
Power Supply Input Socket	IEC/EN 60320 C14	IEC/EN 60320 C14	IEC/EN 60320 C16	IEC/EN 60320 C16	IEC/EN 60320 C16
Power Cord Input Plug	IEC/EN 60320 C15	IEC/EN 60320 C15	IEC/EN 60320 C15	IEC/EN 60320 C15	IEC/EN 60320 C15
Operating Temperature	0°C to 55°C (32°F to 131°F) Normal Operation	0°C to 55°C (32°F to 131°F) Normal Operation	0°C to 50°C (32°F to 122°F) Normal Operation	0°C to 50°C (32°F to 122°F) Normal Operation	0°C to 50°C (32°F to 122°F) Normal Operation

* 200VAC-240VAC is required to achieve full 2000W output. If run at 100VAC-120VAC, output is limited to 1100W.

Power Supply Unit Specifications (cont.)

	XN-ACPWR-550W-FB	XN-ACPWR-550W-BF	XN-DCPWR-550W-FB	XN-DCPWR-550W-BF
Voltage Input Range (Nominal)	100VAC-240VAC	100VAC-240VAC	-48VDC (-36VDC to -72VDC)	-48VDC (-36VDC to -72VDC)
Line Frequency Range	50Hz to 60Hz	50Hz to 60Hz	N/A	N/A
Power Supply Input Socket	IEC 320 - C14	IEC 320 - C14	POSITRONIC PN# PLAH03M400A1/AA-E1A	POSITRONIC PN# PLAH03M400A1/AA-E1A
Power Cord Input Plug	IEC 320 - C13	IEC 320 - C13	POSITRONIC PN# PLAH03M400A1/AA-E1A	POSITRONIC PN# PLAH03M400A1/AA-E1A
Operating Temperature	0°C to 50°C (32°F to 122°F) Normal Operation	0°C to 50°C (32°F to 122°F) Normal Operation	0°C to 50°C (32°F to 122°F) Normal Operation	0°C to 50°C (32°F to 122°F) Normal Operation

PoE Power Budget

Switch Model	1 x 715W	2x 715W	1 x 1100W	2 x 1100W	1 x 2000W @ 100-120VAC	1 x 2000W @ 200-240VAC	2 x 2000W @ 100-120VAC	2 x 2000W @ 200-240VAC
5520-24W	494W	1079W	879W	1781W	879W	1779W	1869W	2160W
5520-48W	483W	1068W	868W	1770W	868W	1768W	1858W	3568W
5520-12MW-36W	464W	1049W	849W	1751W	849W	1749W	1839W	3549W

Note: It is recommended that primary and secondary power supply units (PSUs) be of the same type to support optimal PoE operation.

Minimum/Maximum Power Consumption and Heat Dissipation

Switch Model	Minimum Power Consumption (W)	Minimum Heat Dissipation (BTU/hr)	Maximum Power Consumption (W)*	Maximum Heat Dissipation (BTU/hr)**
5520-24T	52	176	142	483
5520-24W	54	182	2480	1092

Switch Model	Minimum Power Consumption (W)	Minimum Heat Dissipation (BTU/hr)	Maximum Power Consumption (W)*	Maximum Heat Dissipation (BTU/hr)**
5520-48T	60	205	171	584
5520-48W	59	203	4100	1817
5520-12MW-36W	66	224	4095	1862
5520-48SE	61	209	255	872
5520-24X	48	165	171	585
5520-24T-ACDC	41	140	135	459
5520-48T-ACDC	46	156	141	481
5520-24X-ACDC	39	132	169	575
5520-48SE-ACDC	45	154	223	760

* Includes maximum PoE load (W) through the switch

** Does not include PoE load heat dissipated through external electronic load

Fan and Acoustic Noise

Switch Model	Acoustic Information	
5520-24T	Typical: Single 350W AC PSU, no VIM Maximum: Dual 350W AC PSU, 5520-VIM-4YE	
	Bystander Sound Pressure 39.6 dB(A), 0 °C to 35 °C (32 °F to 95 °F) (Typical) 77.5 dB(A), 50 °C (122 °F) (Maximum)	Sound Power 5.1 B, 0 °C to 35 °C (32 °F to 95 °F) (Typical) 8.46 B, 50 °C (122 °F) (Maximum)
5520-24W	Typical: Single 715W AC PSU, no VIM Maximum: Dual 1100W AC PSU, 5520-VIM-4YE	
	Bystander Sound Pressure 50.4 dB(A), 0 °C to 35 °C (32 °F to 95 °F) (Typical) 67.1 dB(A), 25 °C (77 °F) (Maximum) 78.9 dB(A), 50 °C (122 °F) (Maximum)	Sound Power 6 B, 0 °C to 35 °C (32 °F to 95 °F) (Typical) 7.61 B, 25 °C (77 °F) (Maximum) 8.6 B, 50 °C (122 °F) (Maximum)
5520-48T	Typical: Single 350W AC PSU, no VIM Maximum: Dual 350W AC PSU, 5520-VIM-4YE	
	Bystander Sound Pressure 39.0 dB(A), 0 °C to 35 °C (32 °F to 95 °F) (Typical) 79.0 dB(A), 50 °C (122 °F) (Maximum)	Sound Power 4.9 B, 0 °C to 35 °C (32 °F to 95 °F) (Typical) 8.52 B, 50 °C (122 °F) (Maximum)
5520-48W	Typical: Single 1100W AC PSU, no VIM Maximum: Dual 2000W AC PSU (240VAC), 5520-VIM-4YE	

Switch Model	Acoustic Information	
	Bystander Sound Pressure 64.3 dB(A), 0 °C to 35 °C (32 °F to 95 °F) (Typical) 69.1 dB(A), 25 °C (77 °F) (Maximum) 79.4 dB(A), 50 °C (122 °F) (Maximum)	Sound Power 7.24 B, 0 °C to 35 °C (32 °F to 95 °F) (Typical) 7.65 B, 25 °C (77 °F) (Maximum) 8.6 B, 50 °C (122 °F) (Maximum)
5520-12MW-36W	Typical: Single 1100W AC PSU, no VIM Maximum: Dual 2000W AC PSU (240VAC), 5520-VIM-4YE	
	Bystander Sound Pressure 62.7 dB(A), 0 °C to 35 °C (32 °F to 95 °F) (Typical) 69.2 dB(A), 25 °C (77 °F) (Maximum) 78.8 dB(A), 50 °C (122 °F) (Maximum)	Sound Power 7.25 B, 0 °C to 35 °C (32 °F to 95 °F) (Typical) 7.64 B, 25 °C (77 °F) (Maximum) 8.6 B, 50 °C (122 °F) (Maximum)
5520-48SE	Typical: Single 350W AC PSU, no VIM Maximum: Dual 350W AC PSU, 5520-VIM-4YE	
	Bystander Sound Pressure 41.4 dB(A), 0 °C to 35 °C (32 °F to 95 °F) (Typical) 77.9 dB(A), 50 °C (122 °F) (Maximum)	Sound Power 5.14 B, 0 °C to 35 °C (32 °F to 95 °F) (Typical) 8.53 B, 50 °C (122 °F) (Maximum)
5520-24X	Typical: Single 350W AC PSU, no VIM Maximum: Dual 350W AC PSU, 5520-VIM-4YE	
	Bystander Sound Pressure 40.6 dB(A), 0 °C to 35 °C (32 °F to 95 °F) (Typical) 76.9 dB(A), 50 °C (122 °F) (Maximum)	Sound Power 5.05 B, 0 °C to 35 °C (32 °F to 95 °F) (Typical) 8.52 B, 50 °C (122 °F) (Maximum)
5520-24T-ACDC	Typical: F2B Airflow; Single 550W AC PSU, no VIM Maximum: F2B Airflow; Dual 550W AC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 38.6 dB(A), 0 °C to 40 °C (Typical) 76.5 dB(A), 50 °C (Maximum)	Sound Power 4.94 B, 0 °C to 40 °C (Typical) 8.60 B, 50 °C (Maximum)
	Typical: F2B Airflow; Single 550W DC PSU, no VIM Maximum: F2B Airflow; Dual 550W DC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 38.2 dB(A), 0 °C to 40 °C (Typical) 77.0 dB(A), 50 °C (Maximum)	Sound Power 4.89 B, 0 °C to 40 °C (Typical) 8.56 B, 50 °C (Maximum)
	Typical: B2F Airflow; Single 550W AC PSU, no VIM Maximum: B2F Airflow; Dual 550W AC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 38.46dB(A), 0 °C to 40 °C (Typical) 76.6 dB(A), 50 °C (Maximum)	Sound Power 4.99 B, 0 °C to 40 °C (Typical) 8.61 B, 50 °C (Maximum)
	Typical: B2F Airflow; Single 550W DC PSU, no VIM Maximum: B2F Airflow; Dual 550W DC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 39.8 dB(A), 0 °C to 40 °C (Typical) 79.0 dB(A), 50 °C (Maximum)	Sound Power 5.03 B, 0 °C to 40 °C (Typical) 8.69 B, 50 °C (Maximum)

Switch Model	Acoustic Information	
5520-48T-ACDC	Typical: F2B Airflow; Single 550W AC PSU, no VIM Maximum: F2B Airflow; Dual 550W AC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 38.2 dB(A), 0 °C to 40 °C (Typical) 76.4 dB(A), 50 °C (Maximum)	Sound Power 4.91 B, 0 °C to 40 °C (Typical) 8.58 B, 50 °C (Maximum)
	Typical: F2B Airflow; Single 550W DC PSU, no VIM Maximum: F2B Airflow; Dual 550W DC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 38.1 dB(A), 0 °C to 40 °C (Typical) 77.1 dB(A), 50 °C (Maximum)	Sound Power 4.88 B, 0 °C to 40 °C (Typical) 8.55 B, 50 °C (Maximum)
	Typical: B2F Airflow; Single 550W AC PSU, no VIM Maximum: B2F Airflow; Dual 550W AC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 38.5 dB(A), 0 °C to 40 °C (Typical) 76.7 dB(A), 50 °C (Maximum)	Sound Power 4.94 B, 0 °C to 40 °C (Typical) 8.54 B, 50 °C (Maximum)
	Typical: B2F Airflow; Single 550W DC PSU, no VIM Maximum: B2F Airflow; Dual 550W DC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 39.6 dB(A), 0 °C to 40 °C (Typical) 79.0 dB(A), 50 °C (Maximum)	Sound Power 5.00 B, 0 °C to 40 °C (Typical) 8.70 B, 50 °C (Maximum)
5520-48SE-ACDC	Typical: F2B Airflow; Single 550W AC PSU, no VIM Maximum: F2B Airflow; Dual 550W AC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 39.0 dB(A), 0 °C to 40 °C (Typical) 76.6 dB(A), 50 °C (Maximum)	Sound Power 4.98 B, 0 °C to 40 °C (Typical) 8.65 B, 50 °C (Maximum)
	Typical: F2B Airflow; Single 550W DC PSU, no VIM Maximum: F2B Airflow; Dual 550W DC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 38.7 dB(A), 0 °C to 40 °C (Typical) 77.2 dB(A), 50 °C (Maximum)	Sound Power 4.96 B, 0 °C to 40 °C (Typical) 8.64 B, 50 °C (Maximum)
	Typical: B2F Airflow; Single 550W AC PSU, no VIM Maximum: B2F Airflow; Dual 550W AC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 38.9 dB(A), 0 °C to 40 °C (Typical) 77.4 dB(A), 50 °C (Maximum)	Sound Power 4.95 B, 0 °C to 40 °C (Typical) 8.65 B, 50 °C (Maximum)
	Typical: B2F Airflow; Single 550W DC PSU, no VIM Maximum: B2F Airflow; Dual 550W DC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 40.2 dB(A), 0 °C to 40 °C (Typical) 79.5 dB(A), 50 °C (Maximum)	Sound Power 5.04 B, 0 °C to 40 °C (Typical) 8.75 B, 50 °C (Maximum)

Switch Model	Acoustic Information	
5520-24X-ACDC	Typical: F2B Airflow; Single 550W AC PSU, no VIM Maximum: F2B Airflow; Dual 550W AC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 38.1 dB(A), 0 °C to 40 °C (Typical) 75.8 dB(A), 50 °C (Maximum)	Sound Power 4.90 B, 0 °C to 40 °C (Typical) 8.59 B, 50 °C (Maximum)
	Typical: F2B Airflow; Single 550W DC PSU, no VIM Maximum: F2B Airflow; Dual 550W DC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 38.0 dB(A), 0 °C to 40 °C (Typical) 76.6 dB(A), 50 °C (Maximum)	Sound Power 4.88 B, 0 °C to 40 °C (Typical) 8.53 B, 50 °C (Maximum)
	Typical: B2F Airflow; Single 550W AC PSU, no VIM Maximum: B2F Airflow; Dual 550W AC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 38.3 dB(A), 0 °C to 40 °C (Typical) 77.3 dB(A), 50 °C (Maximum)	Sound Power 4.94 B, 0 °C to 40 °C (Typical) 8.64 B, 50 °C (Maximum)
	Typical: B2F Airflow; Single 550W DC PSU, no VIM Maximum: B2F Airflow; Dual 550W DC PSU, with 5520-VIM-4YE	
	Bystander Sound Pressure 40.1 dB(A), 0 °C to 40 °C (Typical) 79.3 dB(A), 50 °C (Maximum)	Sound Power 4.94 B, 0 °C to 40 °C (Typical) 8.73 B, 50 °C (Maximum)

Environmental

Environmental Specifications

EN/ETSI 300 019-2-1 v2.1.2 - Class 1.2 Storage
 EN/ETSI 300 019-2-2 v2.1.2 - Class 2.3 Transportation
 EN/ETSI 300 019-2-3 v2.1.2 - Class 3.1e Operational
 EN/ETSI 300 753 (1997-10) - Acoustic Noise
 ASTM D3580 Random Vibration Unpackaged 1.5 G

Environmental Compliance

EU RoHS - 2011/65/EU
 EU WEEE - 2012/19/EU
 EU REACH - Regulation (EC) No 1907/2006 - Reporting
 China RoHS - SJ/T 11363-2006
 Taiwan RoHS - CNS 15663 (2013.7)

Environmental Operating Conditions

Temp: 0°C to 50°C (32°F to 122°F) for Front-Back cooling
 Temp: 0°C to 45°C (32°F to 113°F) for Back-Front cooling (5520-24T, 5520-24x, 5520-48T, 5520-48SE)
 Humidity: 10% to 95% relative humidity, non-condensing
 Altitude: 0 to 3,000 meters (9,850 feet)
 Shock (half sine): 98m/s² (10G), 11ms, 18 shocks
 Random vibration: 3Hz to 500Hz at 1.5 G rms

Packaging and Storage Specifications

Temp: -40°C to 70°C (-40°F to 158°F)
 Humidity: 10% to 95% relative humidity, non-condensing
 Packaged Shock (half sine): 180 m/s² (18 G), 6 ms, 600 shocks
 Packaged Vibration: 5Hz to 62Hz at velocity 5 mm/s, 62Hz to 500Hz at 0.2 G
 Packaged Random Vibration: 5Hz to 20Hz at 1.0 ASD w/–3 dB/oct. from 20Hz to 200Hz
 Packaged Drop Height: 14 drops minimum on sides and corners at 42 inches (<15 kg box)

Regulatory and Safety

North American ITE

UL 60950-1
 UL/CuL 62368-1 Listed
 Complies with FCC 21CFR 1040.10 (U.S. Laser Safety)
 CDRH Letter of Approval (US FDA Approval)
 CAN/CSA 22.2 No. 60950-1

European ITE

EN 60950-1, EN 62368-1
 EN 60825-1 Class 1 (Lasers Safety)
 2014/35/EU Low Voltage Directive

International ITE

CB Report and Certificate per IEC 60950-1
IEC 62368-1

EMI/EMC Standards

North American EMC for ITE

FCC CFR 47 Part 15 Class A (USA)
CB Report and Certificate IEC 62368-1
RoHS Directive 2011/65/EU
AS/NZS 60950-1 (Australia /New Zealand)

European EMC Standards

EN 55035
EN 55032 Class A
EN 55024
EN 55011
EN 61000-3-2,2014 (Harmonics)
EN 61000-3-3 2013 (Flicker)
EN 300 386 (EMC Telecommunications)
2014/30/EU EMC Directive

International EMC Certifications

CISPR 32, Class A (International Emissions)
AS/NZS CISPR32
CISPR 24 Class A (International Immunity)
IEC 61000-4-2/EN 61000-4-2 Electrostatic Discharge, 8kV Contact, 15 kV Air, Criteria B
IEC 61000-4-3 /EN 61000-4-3 Radiated Immunity 10V/m, Criteria A
IEC 61000-4-4/EN 61000-4-4 Transient Burst, 1 kV, Criteria AB
IEC 61000-4-5 /EN 61000-4-5 Surge, 2 kV L-L, 2 kV L-G, Level 3, Criteria B
IEC 61000-4-6 Conducted Immunity, 0.15-80 MHz, 10V/m unmod. RMS, Criteria A
IEC/EN 61000-4-11 Power Dips & Interruptions, >30%, 25 periods, Criteria C

Country Specific

VCCI Class A (Japan Emissions)
ACMA RCM (Australia Emissions)
CCC Mark (China)
KCC Mark, EMC Approval (Korea)
EAC Mark (Custom Union)
NRCS Mark (South Africa)
BSMI Mark (Taiwan)
Anatel (Brazil)
NoM (Mexico)

IEEE 802.3 Media Access Standards

IEEE 802.3ab 1000BASE-T

IEEE 802.3bz 2.5G/5GBASE-T
IEEE 802.3bt Type4 PoE
IEEE 802.3ae 10GBASE-X
IEEE 802.3aq 10GBASE-LRM
IEEE 802.3by 25GBASE-X
IEEE 802.3ba/802.3bm 40GBASE-X and 100GBASE-X
IEEE 802.3az Energy Efficient Ethernet

Ordering Notes

Customers ordering a 5520 Series switch receive the base switch along with Base software license, fan modules and rack-mount kit. At least one Power Supply Unit (PSU) is required for 5520 operation, and a second PSU is required for redundancy and/or additional power.

Versatile Interface Modules (VIMs), power supplies, transceiver/optics, power cords, as well as Premier and MACsec licenses must be ordered separately.

Base Software and Optional Premier License

The Base software included with each 5520 unit supports most available switch features. Certain features, however, require a Premier license to operate.

For Switch Engine, a Premier License is required for:

- 5 or more OSPF interfaces
- PIM DM / PM SSM
- Anycast RP (Rendezvous Point)
- Multi-Source Discovery Protocol (MSDP)
- IS-IS/BGP4/MBGP*
- GRE Tunneling
- EthernetVPN (EVPN)
- Multi-Protocol Label Switching (MPLS)***

For Fabric Engine, a Premier License is required for:

- 5 or more OSPF or RIP interfaces
- 3 or more BGP peers
- 25 or more VRFs**
- Layer 3 Virtual Service Networks (L3 VSNs)
- Distributed Virtual Routing (DvR) Controller

* Up to 2 BGP interfaces included in Base software with the EXOS 31.4 Release

** VRFs included in Base software with the VOSS 8.4 Release

*** MPLS available with Switch Engine 31.6 release

Ordering Information

5520 Systems - Fans Included

Part Number	Product Name	Product Description
5520-24T	5520 24-port Switch	5520 Universal Switch with 24 x 10/100/1000BASE-T Full / Half-Duplex MACsec-capable ports, includes 2 x Stacking/QSFP28 ports, 2 fan modules, 1 VIM slot, 2 unpopulated modular PSU slots, Base software license.
5520-24W	5520 24-port 90w PoE Switch	5520 Universal Switch with 24 x 10/100/1000BASE-T Full / Half-Duplex 802.3bt 90W PoE MACsec-capable ports, includes 2 x Stacking/QSFP28 ports, 3 fan modules, 1 VIM slot, 2 unpopulated modular PSU slots, Base software license.
5520-48T	5520 48-port Switch	5520 Universal Switch with 48 x 10/100/1000BASE-T Full / Half-Duplex MACsec-capable ports, includes 2 x Stacking/QSFP28 ports, 3 fan modules, 1 VIM slot, 2 unpopulated modular PSU slots, Base software license.
5520-48W	5520 48-port 90w PoE Switch	5520 Universal Switch with 48 x 10/100/1000BASE-T Full / Half-Duplex 802.3bt 90W PoE MACsec-capable ports, includes 2 x Stacking/QSFP28 ports, 3 fan modules, 1 VIM slot, 2 unpopulated modular PSU slots, Base software license.
5520-12MW-36W	5520 48-port 90w PoE with 12 ports multi-rate Switch	5520 Universal Switch with 12 x 100Mb/1Gb/2.5Gb/5Gb 802.3bt 90W PoE MACsec-capable ports plus 36 x 10/100/1000BASE-T 802.3bt 90W PoE Full / Half-Duplex MACsec-capable ports, includes 2 x Stacking/QSFP28 ports, 3 fan modules, 1 VIM slot, 2 unpopulated modular PSU slots, Base software license.
5520-24X	5520 24-port SFP+ Switch	5520 Universal Switch with 24 x 100Mb/1Gb/10Gb SFP+ ports, includes 2 Stacking/QSFP28 ports, 2 fan modules, 1 VIM slot, 2 unpopulated modular PSU slots, Base software license.

5520 Systems – Without Fans and PSUs (ordered separately)

Part Number	Product Name	Product Description
5520-24T-BASE	5520 24-port Switch	5520 Universal Switch with 24 x 10/100/1000BASE-T Full / Half-Duplex MACsec-capable ports, includes 2 x Stacking/QSFP28 ports, 2 unpopulated fan slots, 1 VIM slot, 2 unpopulated modular PSU slots, Base software license.
5520-48T-BASE	5520 48-port Switch	5520 Universal Switch with 48 x 10/100/1000BASE-T Full / Half-Duplex MACsec-capable ports, includes 2 x Stacking/QSFP28 ports, 3 unpopulated fan slots, 1 VIM slot, 2 unpopulated modular PSU slots, Base software license.
5520-48SE	5520 48-port 90w PoE Switch	5520 Universal Switch with 48 x 100M/1Gb SFP MACsec-capable ports, includes 2 x Stacking/ QSFP28 ports, 3 unpopulated fan slots, 1 VIM slot, 2 unpopulated modular PSU slots, Base software license.
5520-48SE-BASE	5520 48-port SFP Switch	5520 Universal Switch with 48 x 100M/1Gb SFP MACsec-capable ports, includes 2 x Stacking/ QSFP28 ports, 3 unpopulated fan slots, 1 VIM slot, 2 unpopulated modular PSU slots, Base software license.
5520-24X-BASE	5520 24-port SFP+ Switch	5520 Universal Switch with 24 x 100Mb/1Gb/10Gb SFP+ ports, includes 2 Stacking/QSFP28 ports, 2 unpopulated fan slots, 1 VIM slot, 2 unpopulated modular PSU slots, Base software license.

5520 Systems - AC/DC Switches without Fans and PSUs (ordered separately)

Part Number	Product Name	Product Description
5520-24T-ACDC-BASE	5520 24-port Switch	5520 Universal Switch with 24 x 10/100/1000BASE-T FDX/HDX MACsec-capable ports, 2 x Stacking/QSFP28 ports, 1 unpopulated VIM slot, 3 unpopulated modular fan slots, 2 unpopulated modular PSU slots, AC or DC PSU capable.
5520-48T-ACDC-BASE	5520 48-port Switch	5520 Universal Switch with 48 x 10/100/1000BASE-T FDX/HDX MACsec-capable ports, 2 x Stacking/QSFP28 ports, 1 unpopulated VIM slot, 3 unpopulated modular fan slots, 2 unpopulated modular PSU slots, AC or DC PSU capable.
5520-24X-ACDC-BASE	5520 24-port SFP+ Switch	5520 Universal Switch with 24 x 1Gb/10Gb SFP+ ports, 2 Stacking/QSFP28 ports, 1 unpopulated VIM slot, 3 unpopulated modular fan slots, 2 unpopulated modular PSU slots, AC or DC PSU capable.
5520-48SE-ACDC-BASE	5520 48-port SFP Switch	5520 Universal Switch with 48 x 1000BASE-X SFP MACsec capable ports, 2 x Stacking/QSFP28 ports, 1 unpopulated VIM slot, 3 unpopulated modular fan slots, 2 unpopulated modular PSU slots, AC or DC PSU capable.

Versatile Interface Modules

Part Number	Product Name	Product Description
5520-VIM-4X	4-port SFP+ module	5520 Versatile Interface Module with 4 x 1/10Gb SFP+ ports
5520-VIM-4XE	4-port SFP+ module LRM/ MACsec capable	5520 Versatile Interface Module with 4 x 1/10Gb SFP+ LRM and MACsec-capable ports
5520-VIM-4YE	4-port SFP28 module MACsec capable	5520 Versatile Interface Module with 4 x 10/25Gb SFP28 MACsec-capable ports

Power Supplies for use with 5520 AC only

Part Number	Product Name	Product Description
10953	350W AC PSU FB	350W AC PSU supported on 5520
10951	715W AC PSU FB	715W AC PSU supported on 5520
10941	1100W AC PSU FB	1100W AC PSU supported on 5520
XN-ACPWR-2000W-F	2000W AC PSU FB	2000W AC PSU supported on 5520
XN-ACPWR-350W-FB*	350W AC PSU FB	350W AC Power Supply Module - Front to Back airflow, also used on X465 and VSP 4900
XN-ACPWR-715W-FB*	715W AC PSU FB	715W AC PoE Power Supply Module - Front to Back airflow, also used on 5720, X465, and VSP 4900
XN-ACPWR-1100W-FB*	1100W AC PSU FB	1100W AC PoE Power Supply Module - Front to Back airflow, also used on 5720, X465, and VSP 4900
XN-ACPWR-2000W-FB*	2000W AC PSU FB	2000W AC PoE Power Supply Module - Front to Back airflow, also used on 5720, X465, and VSP 4900
XN-ACPWR-350W-BF	350W AC PSU BF	350W Back to Front cooling AC PSU supported on 5520 Non-PoE switches

* XN-ACPWR-xxx-FB power supply units cannot be used with the 10941, 10951, 10953, or XN-ACPWR-2000W-F PSUs on the same switch. Not available for Mexico, Russia, Brazil, China, Korea, South Africa, India at present, pending certification.

Power Supplies for use with 5520-ACDC Switches

Part Number	Product Name	Product Description
XN-ACPWR-550W-FB	550W AC PSU FB	550W AC Power Supply Module - Front to Back airflow
XN-ACPWR-550W-BF	550W AC PSU BF	550W AC Power Supply Module - Back to Front airflow
XN-DCPWR-550W-FB	550W DC PSU FB	550W DC Power Supply Module - Front to Back airflow
XN-DCPWR-550W-BF	550W DC PSU BF	550W DC Power Supply Module - Back to Front airflow

Fan Modules and Rack Mount Kits

Part Number	Product Name	Product Description
17115	Spare Fan Module FB	Fan module for 5520, Front to Back airflow
17116	Spare Fan Module BF	Fan module for 5520, Back to Front airflow
XN-4P-RMKIT-005	4-Post Rack Mount Kit	Spare 4-Post Rack Mount Kit for 5520
XN-2P-RMKIT-005**	2-Post Rack Mount Kit	Optional 2-Post Rack Mount Kit for 5520

** The optional 2-post rack mount kit can be used with 5520 chassis HW rev AD or higher.

Software Licenses

Part Number	Product Name	Product Description
5000-PRMR-LIC-P	Premier License for 5000 Series	Perpetual Premier License for 5000 Series switches
5000-MACSEC-LIC-P	MACsec License for the 5000 Series	Perpetual MACsec license for the 5000 Series switches

Warranty

All 5520 Series models are covered under Extreme's Universal LLW policy. For warranty details, please visit our [Policies and Warranties page](#).

Power Cords

Power cords are not included with the 5520 in support of our green initiatives but can be ordered separately.

Optics / Transceivers

For a list of the optics and transceivers supported on the 5520 Series hardware, refer to our [Extreme Optics Compatibility Tool](#).

Maintenance Services

Extreme's maintenance and support services are provided by 100% in-house engineering experts. We have a rate of over 90% first-person resolution, ensuring efficient operation of your business-essential network.

With 24x7x365 phone support, advanced parts replacement, and on-site support, we augment your staff with expert resources to help you mitigate critical network issues fast. Visit [ExtremeWorks Maintenance Services](#) for more information.

Certifications

For information on Industry, Security, and Government certifications for 5520 Series models, contact your Sales Representative.



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Highlights

Full Stack Management

- Native cloud management for Wi-Fi, switching, and routing

Dashboards and Insights

- Machine Learning derived insights drive a comprehensive visual dashboard of location, devices, and users

Network Health

- Real-time and historical view of client and device health with built-in remediation tools

Application Visibility and Control

- Visibility and control of application usage for professional and recreational applications and network services

Comparative Analytics

- Anonymously assess operational and performance-based metrics to those of other organizations of a similar size and vertical

Integrated Essentials Applications

- ExtremeGuest™
- ExtremeAirDefense®
- ExtremeloT™
- ExtremeLocation™

Auto-Provisioning

- With near zero-touch deployment, automatically apply configuration policies

Unlimited Data Option

- Lifetime data for more informed network decision-making

Mobile Onboarding

- Securely supports device management from Apple and Android phones



ExtremeCloud™ IQ

Machine Learning (ML) and Artificial Intelligence (AI) driven Wired and Wireless Network Management Offering Intuitive Configuration Workflows, Real-Time and Historical Monitoring, Comprehensive Troubleshooting and Integrated Network Applications

ExtremeCloud IQ is an industry-leading and visionary approach to cloud-driven networking, designed to take full advantage of Extreme's end-to-end networking solutions. ExtremeCloud IQ delivers unified, full-stack management of wireless access points, switches, and routers. Using innovative ML/AI technologies, it analyzes and interprets millions of network and user data points, from the network edge to the data center, to power actionable business and IT insights, and deliver new levels of network automation and intelligence.

ExtremeCloud IQ operates on Extreme's cloud services architecture, capable of supporting millions of infrastructure devices and hundreds of millions of clients per Regional Data Center. All Extreme cloud services components are hosted in secure SOC Type 1 data centers with 24/7 monitoring, scheduled backups, and built-in disaster recovery capabilities. The ExtremeCloud IQ offers rapid feature velocity, increased availability, and advanced flexibility desired for modern access network management.

Extreme Cloud Services also provides a full suite of cloud-optimized open APIs for developers to create 3rd party applications and user experiences including user onboarding mechanisms, proximity-based services, presence and location analytics, and more.

ExtremeCloud IQ is the sole platform to support distributed cloud (public, private and local). It offers:



End-to-End Solution
Edge to Data Center



Highest Quality
Real time,
ML/AI continuous innovation



Cloud Choice
Do it your way...
public, private, or on-premises



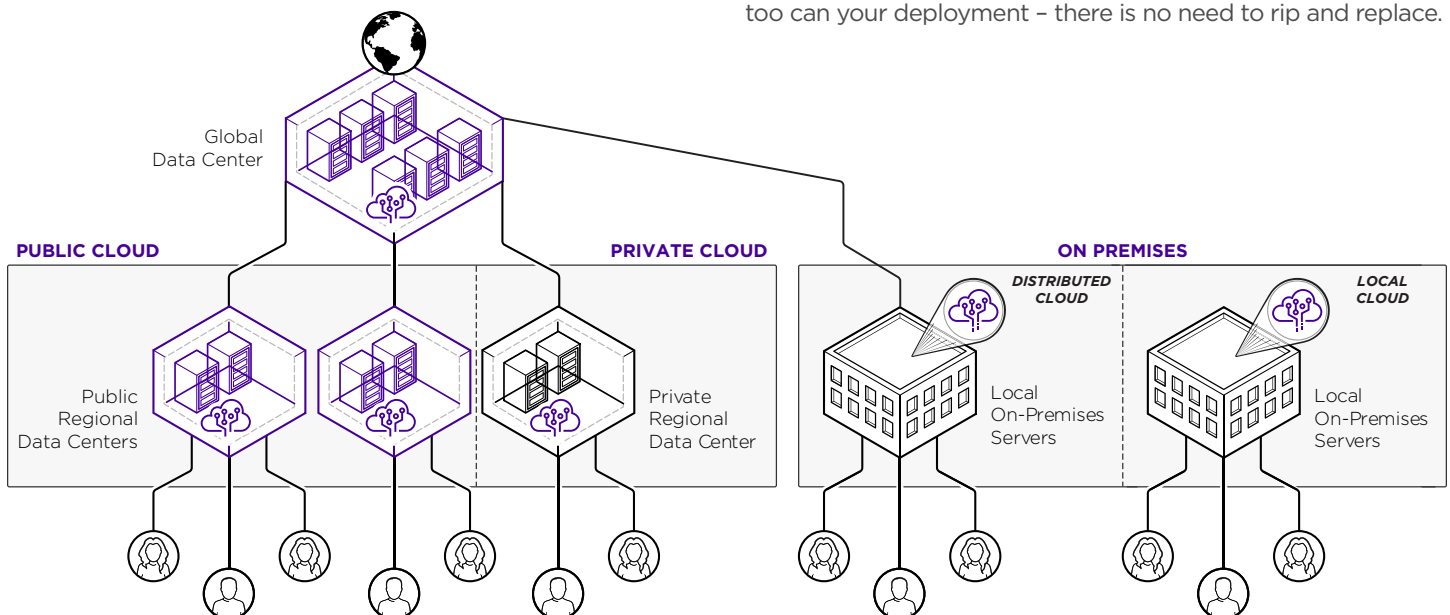
Depth of Capability
Management,
intelligence, assurance

Deployment Choices

Extreme offers three cloud deployment options – Public, Private or On-Premises – that support one goal: to provide maximum flexibility, continuous innovation, and a consistent user experience. More so, our 100% software-centric architecture is cloud-hosting agnostic, supporting AWS, Google Cloud Platform, and Microsoft Azure.

- **Public Cloud:** Extreme provides access to a hosted service which removes infrastructure management and costs, provides data privacy and protection, unmatched reliability, and continuous delivery of innovations.
- **Private Cloud:** Private Cloud: For businesses who want or need to isolate management services in their own controlled environment, Extreme packages ExtremeCloud IQ into a private cloud offering which enables the same services as the public cloud (e.g. ML, AI, data stores etc.) all hosted within customers' or partners' private cloud instance.
- **On-Premises:** On-premises options provide Extreme's cloud service in a format which can be hosted on-premises at your site. Flexibility to choose full local customer control with Local Cloud or Extreme DevOps control with Distributed Cloud for cloud efficiencies.

ExtremeCloud IQ offers the same capabilities and feature sets across deployment options so, as requirements change, so too can your deployment – there is no need to rip and replace.



Your Network. Your Way. Complete Solution Flexibility with ExtremeCloud IQ™

Extreme Networks makes it easier for you to scale with value based subscriptions.

	ExtremeCloud™ IQ Connect	ExtremeCloud™ IQ Navigator	ExtremeCloud™ IQ Pilot*	ExtremeCloud™ IQ CoPilot*
Availability	 PUBLIC	 PUBLIC	   PUBLIC PRIVATE LOCAL	 PUBLIC
Feature Set	Free device management for access points, switches, and routers	EVERYTHING IN CONNECT, PLUS: Additional management functions for third party and non-native cloud devices	EVERYTHING IN NAVIGATOR, PLUS: Advanced infrastructure management, reporting, and remediation tools	EVERYTHING IN PILOT, PLUS: Explainable machine learning derived insights and intelligence. Algorithmically detected anomalies:
Unique Features	• Device onboarding • Guided Configuration • Centralized Management • Wi-Fi Planner • Basic Monitoring Tools • Essential Security	• Application Visibility • SSH Proxy • Web Proxy to WiNG Controller • Web Proxy to Extreme Campus Controller	• Advanced Topology View • Troubleshooting Heuristics • Contextualized Optimization • Role Based Profiling • Advanced 360° Reporting • Comparative Analytics *only available for cloud native devices	• Digital Twin • Wired/Wireless AIOps • Anomaly Detection • Explainable Machine Learning • Remediation Recommendations • Automated GTAC Support • Client Experience *only available for cloud native devices

- **ExtremeCloud IQ Connect** is our base level tier. It provides subscription-free cloud management for supported devices, enabling organizations to deploy enterprise-grade connectivity with basic network management. Adding additional license tiers is simple and seamless.

- **ExtremeCloud IQ Navigator** is for organizations that have deployed the WiNG Wi-Fi controller based solution. It provides enhanced policy enforcement, visibility, reporting, and advanced configurations. Navigator delivers configuration and management of WinG infrastructure systems at scale including advanced policy, advanced segmentation, advanced SSH, etc.

- **ExtremeCloud IQ Pilot** is the primary deployment mode for ExtremeCloud IQ, and is for organizations that require enhanced policy enforcement, visibility, reporting, and advanced configurations. Pilot delivers configuration and management of infrastructure devices at scale including advanced policy, advanced segmentation, advanced troubleshooting, advanced guest, advanced SSH, etc.

- **ExtremeCloud IQ CoPilot** is an AIOps solution that unlocks additional explainable ML and device simulation capabilities with Networking's first Digital Twin. CoPilot constantly scans, compares, and computes network data to alert IT Administrators and recommend actions to mitigate issues or anomalies before they result in a disruption of service. This simplifies and facilitates troubleshooting and customer resolution so Network Administrators can spend less time fixing the network and more time on essential activities. CoPilot simplifies and facilitates troubleshooting and customer resolution, allowing IT operations teams to become more data driven and proactive.

ExtremeCloud IQ Essentials

ExtremeCloud IQ Essentials provides four key applications for guest management, WIPS, IoT, and location services. These applications are included within the ExtremeCloud IQ Pilot subscription.

ExtremeGuest

ExtremeGuest is a robust and comprehensive guest engagement solution that enables managers and network operators to use analytical insights for a deeper dive into how their guest networks are utilized. For example, knowing how many customers use the guest network, how often they visit, and how much time they spend on the network are all metrics that can be measured through ExtremeGuest. Analytics of social networking behavior of customers can be used to increase patronage and expand brand exposure.

ExtremeAirDefense

ExtremeAirDefense simplifies the protection, monitoring and compliance of your Wireless LAN networks. ExtremeAirDefense continuously safeguards the network from external threats 24x7x365 and notifies IT staff when attacks occur, enabling an immediate response. Using existing infrastructure with AirDefense, organizations can protect their air waves from unwanted behavior. It is deployed as a set of access points serving as sensors to monitor the airwaves together with this application. Sensors can be access points configured in radio share or dedicated sensing modes and can also be used as overlay security network in any environment. Sensors can be deployed as either dedicated sensors or in radio-share mode.

ExtremeloT

ExtremeloT is a simple IoT security solution that is designed to protect high risk, wired IoT devices. Through the application of security profiles, it controls IoT device attachment and access to the network to lockdown IoT communications to what's authorized. It reduces the effort of IT departments with separate onboarding portal designed for non-IT personnel.

ExtremeLocation

Location services are crucial in helping enterprises personalize customer engagement and enhance operational efficiencies. ExtremeLocation is a resilient and scalable cloud-driven solution, that provides enterprises powerful multi-tier location services across all sites. Supporting Wi-Fi and/or BLE technologies, enterprises can monitor workflows and assets, in real-time or historically, to improve their overall operations and efficiency. ExtremeLocation provides granular location accuracy resolution to support

diverse industry-specific use cases. For example, retailers can track new and repeat visitors, engagement times and associates or asset locations, to provide a contextual-based personalized experience to their customers. Healthcare providers may view real-time dashboards and monitor trends of users and assets, to deliver enhanced patient care.

Product Specifications

Simplified Deployment

- Customer self-service sign-up
- Guided workflow for network policy deployment
- On-screen step-by-step guided configuration
- RF planner with map import and export
- Design with simulated APs on RF Planner map, then seamlessly swap these for real APs when deployed
- Devices automatically connect to ExtremeCloud IQ for provisioning
- Devices auto-provision with network policy and firmware updates
- Mobile on-boarding via XIQ MobileOnboarding for Apple and Android devices

Centralized Configuration

- Guest Access functionality
- Device templates for switches, routers and APs
- Act as RADIUS server or RADIUS proxy, and as DHCP server
- Centralized view of all configuration objects
- Bulk edit device properties
- Schedule firmware upgrades
- Command Line Interface (CLI) access to Extreme devices
- Active directory/LDAP
- IPv6 support
- Syslog and SNMP server configuration
- Auto-provisioning
- Configuration audit, backup, restore, import and export
- Support for Extreme VPN gateway (VG-VA)
- Multi-tenant capability: supports multiple virtual organizations

Centralized Policy Management

- Device classification by location and timezone
- Customer application definition
- Client classification by location, OS type, MAC address
- Multiple user profiles for each SSID
- Time-based firewall and QoS policy
- Application, network and MAC layer firewall policy rules
- WIPS policy for rogue AP detection and mitigation

Security and Privacy

- ExtremeCloud IQ cloud platform conforms to ISO/IEC 27017 and is certified by DQS to ISO/IEC 27001 and ISO/IEC 27701 by the International Standards Organization (ISO)
- CSA STAR certified
- Role-based access control
- No customer data traverses ExtremeCloud network
- Restricts to traffic to enterprise data
- SSO for ExtremeCloud™ IQ administrators via SAML
Note: Only supported in Public Cloud, not supported on IQVA
- Optional multi-factor authentication with Google Authenticator for administrators
- EU General Data Protection Regulation (GDPR) features including:
 - Search for, download and delete personal data for specific users
 - Creation of reports to document the above actions

Dashboard

- Time-range slider on dashboard for historical view
- 360° views of Extreme network policies, AP, client devices, users and apps
- Global search function by network policy, MAC address, serial number, user, hostname or application name
- Unlimited retention of historical data for monitoring and reporting usage
- Interactive Network Summary Report with easy sharing
- Savable contextual filters by location, SSID, policy, user, profile and client OS type
- Comparative Analytics to anonymously assess operational and performance metrics against other cloud customers of a similar size and industry

Guest Access

- Onboarding and management of visitor and employee personal devices (BYOD)
- Multiple onboarding workflows via Captive Web Portal, Kiosk app and Guest Check-In applications
- Private PSK (PPSK), 802.1X (RADIUS) and PSK authentication
- Supports 3rd party and customized CWP's including HTML upload for added deployment flexibility

Troubleshooting

- Client 360° behavioral analysis; real-time and historical network performance monitoring and optimization
- Help-desk optimized interface with problem summary and suggested remedy
- Dedicated Helpdesk user role
- Real-time troubleshooting with probe messages and stage filters
- Historical troubleshooting with automatic issue detection

- Mark issue resolved or escalate issue with email notification
- Built-in Command Line Interface (CLI) and remote SSH
- RADIUS test
- AP technical data download
- VLAN probe tool for simplified troubleshooting of the wired network
- Optional packet capture analysis with partner solution (CloudShark)

Monitor

- WIPS history report
- Drill-down capability from client list to client 360° view
- Device list with rich utilities for advanced configuration and investigation
- Real-time client list with SNR, RSSI, data usage and connection status
- Savable and reusable filters shared across dashboard and monitor
- Alarm and event lists with historical and real-time data
- PCI DSS 3.2 compliant reporting
- Rogue AP and rogue client monitoring
- Real-time data for connection clients and users
- Google Maps integration and navigation with floorplan upload capability

Supported Languages

- English, German, Spanish, French, Italian, Japanese, Korean, Portuguese, Chinese

Reliability

- Data centers with SOC Type 1 compliance (formally SAS 70 and/or SSAE 16), Type 2 and 3 compliance
- High availability with disaster recovery and redundancy
- Scheduled backups
- 24x7 monitoring warranty

Security and Operation

- Accounts are password protected and accessed via secure SSL
- Management traffic is encrypted and restricted using industry-proven CAPWAP protocol over HTTPS
- Out-of-band operation ensures no customer data traverses Extreme's Cloud Services
- Single-Sign-On (SSO) to ExtremeCloud IQ for administrator accounts
- Multi-Factor authentication with Google Authenticator for administrator accounts
- Multi-tenant architecture with secure account separation

Security and Operation (cont.)

- Centralized monitoring and management
- Integrated RBAC to delegate select ExtremeCloud IQ roles and permissions to different administrators
- VAR and partner management capabilities including account provisioning and maintenance
- ExtremeCloud IQ connectivity does not impact network operations servicing end-users

Ordering Information

Category	Model Number	Model Description
ExtremeCloud™ IQ Subscriptions		
ExtremeCloud IQ Pilot Subscription	XIQ-PIL-S-C-EW	ExtremeCloud IQ Pilot SaaS Subscription and EW SaaS Support for one (1) device (1 year).
ExtremeCloud IQ Pilot Subscription	XIQ-PIL-S-C-PWP	ExtremeCloud IQ Pilot SaaS Subscription and PWP SaaS Support for one (1) device (1 year).
ExtremeCloud IQ Pilot Subscription	XIQ-PIL-S-OP-EW	ExtremeCloud IQ Pilot On-Prem Subscription (RTU License), EW SW Support for one (1) device (1 year).
ExtremeCloud IQ Pilot Subscription	XIQ-PIL-S-OP-PWP	ExtremeCloud IQ Pilot On-Prem Subscription (RTU License), PWP SW Support for one (1) device (1 year).
ExtremeCloud IQ Pilot On-Prem Software	XIQ-PIL-VA-DL	ExtremeCloud IQ Pilot SW, delivered via download. Can be used with XIQ On-Premises Subscription SKU or XIQ Perpetual SKUs. One time buy.
ExtremeCloud IQ Pilot On-Prem Perpetual License	XIQ-PIL-P-OP	ExtremeCloud IQ Pilot On-Prem Perpetual License On-Premises for one (1) device. Cannot be used with SaaS.
ExtremeCloud IQ Navigator Subscription	XIQ-NAV-S-C-EW	ExtremeCloud IQ Navigator SaaS Subscription EW SaaS Support for one (1) device (1 year).
ExtremeCloud IQ Navigator Subscription	XIQ-NAV-S-C-PWP	ExtremeCloud IQ Navigator SaaS Subscription PWP SaaS Support for one (1) device (1 year).
ExtremeCloud IQ AIOps Subscriptions		
ExtremeCloud IQ CoPilot Subscription	XIQ-COPILOT-S-C-EW	ExtremeCloud IQ CoPilot SaaS Subscription and EW SaaS Support per device, per year (Requires active XIQ Pilot SaaS Subscription)
ExtremeCloud IQ CoPilot Subscription	XIQ-COPILOT-S-C-PWP	ExtremeCloud IQ CoPilot SaaS Subscription and PWP SaaS Support per device, per year (Requires active XIQ Pilot SaaS Subscription)
Other Subscriptions		
ExtremeCloud IQ Cloud Ops	XIQ-CLOUDOPS-S-EW	Subscription for On-Premises Cloudops Software Management of Distributed Cloud installations (1 year), Min 3 years. For deployments with a minimum of 1,000 and up to 10,000 managed devices.

Warranty

As a customer-centric company, Extreme Networks is committed to providing quality products and solutions. In the event that one of our products fails due to a defect, we have developed a comprehensive warranty that protects your organization and provides a simple way to get product repaired or media replaced as soon as possible.

Software warranties are ninety (90) days and cover defects in media only. For full warranty terms and conditions please go to extremenetworks.com/support/policies.

Service and Support

Extreme Networks provides comprehensive service offerings that range from Professional Services to design, deploy and optimize customer networks, customized technical training, to service and support tailored to individual customer needs. Please contact your Extreme Networks account executive for more information about Extreme Networks Service and Support.

Additional Information

For additional technical information on ExtremeCloud IQ, please go to extremenetworks.com/extremecloud-iq.

Delta Network Services - References

Clarkston Community Schools

Clarkston, MI

Mr. Jason Havonec

JDHovanec@clarkston.k12.mi.us

(248) 623-5433

Delta has provided an ongoing, district-wide infrastructure refresh consisting of **Extreme Networks** switches, **Fortinet** firewall and content filtering solutions, and their **Extreme Networks** wireless deployment.

Dearborn Public Schools

Dearborn, MI

Mr. Rob Attee

attee@dearbornschools.org

(313) 827-3075

Delta has provided a total district-wide LAN refresh in core distribution and edge with **Extreme Networks** switches, as well as a district-wide WLAN refresh with wall-to-wall, high density 802.11ac coverage using **Extreme Networks** solution. The solution also includes a redundant **Fortinet** 3700D UTM appliance array with subscription bundle and maintenance. In 2018 Delta installed a district-wide **Mitel (ShoreTel)** VoIP solution.

East China School District

East China, MI

Mr. Craig Headlee

cheadlee@ecsd.edu

(810) 676-1024

Delta provided a district-wide infrastructure refresh consisting of **Extreme Networks** switches, **Extreme Networks** wireless, a **Mitel (ShoreTel)** VoIP phone systems and configured a district-wide IP video surveillance system, consisting of **Hanwha** cameras and a **Hanwha WAVE** VMS appliance.

Oakland Community College

Auburn Hills, MI

Mr. Michael Rowe

mwrowe@oaklandcc.edu

(248) 232-4812

Delta has provided and installed **Extreme Networks** switches, 2,300+ handset **Mitel (ShoreTel)** IP telephony system and **Aruba Networks** WLAN mobility solution throughout OCC's five student campuses and two admin facilities, totaling over 40 buildings. Delta also provided their dual stack, high availability **Fortinet** FW/UTM security solution. Additionally, Delta provides 24x7x365 phone and 4HR onsite support for the entire system on a 3-year contract, as well as providing resident engineers onsite 8am-5pm, 52 weeks a year.

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

7.

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

10. REQUEST FOR AUTHORIZATION TO PURCHASE FIVE (5) EXMARK LAZER S-SERIES 749 ZERO TURN MOWERS THROUGH THE SOURCEWELL CONSORTIUM: Department of Public Works, re: from budgeted funds.

Don Rohraff, Director of Public Works, presented this request to Council. Mr. Rohraff indicated the Parks Department has mowers which have outlived their life expectancy, and they are in need of five (5) Exmark Lazer S-Series zero turn mowers to replace them. The pricing is through the Sourcewell Consortium. Mr. Rohraff stated this is something that is needed to maintain parks throughout the City and Weingartz is the repair vendor located here in Livonia. The funds are available in the Capital Outlay budget.

DIRECTION:

APPROVING

CONSENT



LETTER TO THE LIVONIA CITY COUNCIL

10.

DPW

November 4, 2024

MEETING DATE

PRESENTED BY

S120224/R121824

AGENDA ITEM

REQUEST FOR AUTHORIZATION TO PURCHASE FIVE (5) EXMARK LAZER S-SERIES 749 ZERO TURN MOWERS THROUGH THE SOURCEWELL CONSORTIUM: Department of Public Works, re: from budgeted funds.

BACKGROUND DETAILS

The purchase will be made through the Sourcewell bid process for mowers (Contract Agreement No. 031121-MTD), an extended purchasing program made available to local governments through the State of Michigan. The State bid this year was awarded to Weingartz, 32098 Plymouth Road, Livonia, MI 48150. A current unit that has outlived its life expectancy will be disposed of through the auction process.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

It is recommended the Council approve the purchase of five (5) Exmark Lazer S-Series 749 zero turn mowers at a cost of \$63,995.00 (\$12,799.00 ea.), from funds available in the 2025 capital budget.

SPECIFIC NAME OF PRODUCT AND NUMBER TO BE PURCHASED (if more than one)

Five (5) Exmark Lazer S-Series 749 zero turn mowers

CONTRACT: Amount and/or purchase price and length of contract (with dates if applicable)

\$63,995.00

401-000-987-000 - Capital Outlay
funds available in the 2025 budget.

DETAILED WORK BEING PERFORMED

na

FISCAL CONSIDERATIONS (Amount requested and Account(s) used. If applicable, Grant Funding information)

401-000-987-000

\$63,995.00

ACCEPTANCE OF BID (Please detail the following: Why accepted, why not lowest bidder, company name, contact person, full address)

Sourcewell consortium: 031121-MTD

REASON TO WAIVE BID PROCESS (Emergency, Professional services, No advantage to City and why, Consortium package, etc): Waive the formal bidding process in accordance with Section 3.04.140.E.4 of the Livonia Code of Ordinances, as amended since no advantage to the City would result from competitive bidding.

ATTACHMENTS

1. Exmark Lazer Zero Turn Mowers - 5
2. Exmark Lazer Zero Turn - Photo

APPROVED BY



Douglas L. Moore, MSA, Assistant Director of Public Works

Date: November 13, 2024



Don Rohraff, Director of Public Works

Date: November 20, 2024



Debra Peck Lichtenberg, CPA, Finance Director

Date: November 21, 2024



Maureen Miller Brosnan, Mayor

Date: November 21, 2024

QUOTATION

To: **CITY OF LIVONIA**
EQUIP. MAINT.
13405 SURREY
LIVONIA, MI 48150

Quote #: **40202510-00**
Date: 11/01/24
Exp Date:

Attn:
Phone: (734) 466-2626
Email:

Prepared By: **Tim Wirick**
Phone: (734) 526-3040
Email: twirick@weingartz.com

Product number	Product and Description	Qty	Sale Price	Total
EXLZS749AKC604A1	Exmark Lazer S-Series 749 Kohler EFI 60", Seat GO TO WWW.EXMARK.COM/SERVICE-AND-SUPPORT/UHT-HYDRO-LIFE-EXTENSION AND ENROLL YOUR MOWER IN THE HYDRO DRIVE LIFE EXTENSION PROGRAM AND READ DETAILS List Price: \$17,759.00	5	\$12,799.00	\$63,995.00
Zero Down Time	Weingartz Commercial 1 Hour Service Program List Price: \$0.00	5	\$0.00	\$0.00

Total \$63,995.00
Invoice Total \$63,995.00

Approved By

Customer _____ Date _____ Weingartz Representative _____ Date _____

LAZER Z S-SERIES WITH 26.5 HP* KOHLER EFI ECV749 ENGINE AND 60" ULTRACUT SERIES 4 DECK

Model: LZS749AKC604A1

★★★★★ 4.8 196 Reviews [Write a Review](#)



**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

8.

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

11. REQUEST FOR AUTHORIZATION TO PURCHASE ONE (1) CASE 588H 4WD T4 FINAL ROUGH TERRAIN FORKLIFT: Department of Public Works, re: from budgeted funds.

Don Rohraff, Director of Public Works, presented this request to Council. Mr. Rohraff indicated this a four-wheel drive forklift is street-worthy and can be used by multiple departments within Public Works and would be very useful to unload materials from semi-trucks. This purchase is also through Sourcewell. It is to replace a unit that was purchased over 30 years ago and the old unit will be disposed of at auction. Mr. Rohraff stated the funds were set aside under Capital Outlay and included a three-year warranty for the new unit.

DIRECTION:

APPROVING

CONSENT



LETTER TO THE LIVONIA CITY COUNCIL

11.

DPW

November 6, 2024

MEETING DATE

S120224/R121824

PRESENTED BY

Douglas L. Moore, MSA, Assistant Director of Public Works

AGENDA ITEM

REQUEST FOR AUTHORIZATION TO PURCHASE ONE (1) CASE 588H 4WD T4 FINAL ROUGH TERRAIN FORKLIFT: Department of Public Works, re: from budgeted funds.

BACKGROUND DETAILS

The Department of Public Works has requested and received a quote through the Sourcewell Purchasing Consortium for a forklift to replace our current one purchased in the 1990s which has outlived its life expectancy. Southeastern Equipment, the winner of the Sourcewell contract for forklifts, has quoted us \$109,017.40 for a Case 588H 4WD T4 Final Rough Terrain Forklift with a 3-year extended warranty. This new one will replace the older one we currently have which will be sold at public auction.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

Approve the purchase of one (1) Case 4WD T4 Final Rough Terrain Forklift with a 3-year extended warranty in the amount of \$109,017.40 including freight and delivery

SPECIFIC NAME OF PRODUCT AND NUMBER TO BE PURCHASED (if more than one)

One (1) Case 588H 4WD T4 Final Rough Terrain Forklift

CONTRACT: Amount and/or purchase price and length of contract (with dates if applicable)

\$109,017.40

DETAILED WORK BEING PERFORMED

Purchase

FISCAL CONSIDERATIONS (Amount requested and Account(s) used. If applicable, Grant Funding information)

\$109,017.40 one-time purchase

ACCEPTANCE OF BID (Please detail the following: Why accepted, why not lowest bidder, company name, contact person, full address)

Sourcewell Consortium pricing

REASON TO WAIVE BID PROCESS (Emergency, Professional services, No advantage to City and why, Consortium package, etc): Waive the formal bidding process in accordance with Section 3.04.140.E.3 of the Livonia Code of Ordinances, as amended since no advantage to the City would result from competitive bidding.

ATTACHMENTS

1. 2025 Case 588H Forklift Brochure
2. 2025 Case 588H Forklift Quote

APPROVED BY



Douglas L. Moore, MSA, Assistant Director of Public Works

Date: November 13, 2024



Don Rohraff, Director of Public Works

Date: November 20, 2024



Debra Peck Lichtenberg, CPA, Finance Director

Date: November 21, 2024



Maureen Miller Brosnan, Mayor

Date: November 21, 2024



CASE
CONSTRUCTION

H SERIES **ROUGH TERRAIN FORKLIFTS**





MEETING THE NEED FOR SPEED

Pallets to pipes, CASE H Series rough terrain forklifts get it done smoother, easier, and faster. With fast lifting speeds, roading speeds of up to 24 mph (38.6 km/h), lifting capacities of up to 8,000 lbs, and a slew of unique features that keep loads level and operators comfortable, these high-performance forklifts truly do raise the bar.

- + **Fast Lifting Speeds**
- + **Fast Travel Speeds**
- + **Zero Tailswing**
- + **Industry's First and Original Load Control System**
- + **Maintenance-Free Tier 4 Final Solution**
- + **More Visibility**



586H



588H

PRECISION LOAD PLACEMENT



THE MOST MAST MOVEMENT

Between a 45° forward tilt and a 15° rear tilt, the H Series offers the most mast tilt in the industry. The 15° rear tilt helps retain loads, especially on uneven ground or slopes. The 45° front tilt reduces mast height which makes for hassle-free transporting. With a standard side shift of three inches in either direction, operators can precisely place their loads.

VISIBILITY UP, DOWN AND ALL AROUND

Our wide-channel, 2-stage mast gives the H Series unmatched visibility. Narrow operating consoles further help improve forward visibility so operators can easily watch forks enter pallets and can confidently secure materials. We've also maintained a low-profile hood for a clear view behind the machine. And even at top lift heights, a perforated steel canopy gives operators clear vision without the neck-straining need to lean forward.



SUPERIOR COMFORT, SIMPLE CONTROLS

With intuitive controls like a push-button parking brake, eye-level AIC (Advanced Instrument Cluster), optional deluxe suspension seat, and spacious operating platform – H Series forklifts offer maximum comfort and ease of use.



2-stage mast design means no additional rail sections to block your view.



ROUGH TERRAIN MADE EASY



ONE OF THE FASTEST FORKLIFTS AVAILABLE

Rough terrain forklifts are designed for two things: lifting and moving loads. We've engineered the H Series to be the best at both. With lifting speeds of 107 feet per minute and roading speeds of 24 mph, you'll be able to raise, haul and place quicker to finish the job faster.



NO SLIP, ALL GRIP

Rough terrain calls for tough traction. A standard differential lock with push-button activation and a healthy ground clearance of more than 10 inches equip the 586H and 588H to effectively tackle nearly any terrain. Optional 4-wheel drive gives you even greater grip so that loose, muddy or rocky conditions won't slow you down.



ZERO TAILSWING

CASE offers a zero tailswing design. Thanks to a 55° steering angle, operators can rest easy and turn confidently knowing that once the tires clear an object – even at full turn – the rear counterweight will, too.



WORK SMOOTHLY WITH LOAD CONTROL

Designed by CASE, Load Control automatically provides on-the-go mast cushioning that lessens load shock when traveling over uneven terrain. Not only does this help stabilize the load, it makes for a smoother, more comfortable ride by minimizing jarring bumps from heavy, jerky loads.



MAINTENANCE-FREE TIER 4 FINAL SOLUTION

H Series forklifts use a Diesel Oxidation Catalyst to meet Tier 4 Final emissions standards. What does that mean to you? We're proud to say – nothing. It's compliance that requires no extra work. No extra fluid to add. No Diesel Particulate Filter to replace. Just get in and go.



MAINTENANCE MADE SIMPLE

SERVICEABILITY IS IN OUR DNA

When you invest in CASE equipment, you need it to last. We make it simple. The H Series is no exception. From tool-free swing-out access doors, and spin-on filters, to ground-level site gauges and grouped service points, you can do daily maintenance in a matter of minutes. It's the easiest way to help you get the most performance and longest life out of your machine.



EASY ACCESS TO EVERYTHING

- ① Axles with outboard-mounted wet disc brakes
- ② Safe jump-start terminal and master disconnect switch
- ③ Sight gauges
- ④ Swing-out service doors
- ⑤ Vertical spin-on filters

SERVICE-FREE FEATURES

- Roller-style masts
- Lube-for-life U-joints
- Automatic belt tensioner
- Maintenance-free Tier 4 Final engine

SUPPORT COMES STANDARD

BASE & EXTENDED WARRANTY COVERAGE: *

1-YEAR/UNLIMITED-HOUR FULL-COVERAGE BASE LIMITED WARRANTY

2-YEAR/2,000-HOUR EXTENDED ENGINE LIMITED WARRANTY

Discuss the extended engine warranty coverage details with your dealer.

UPTIME SOLUTIONS

Your CASE dealer can provide solutions to meet all your needs and keep you productive.



STRONGER PRODUCT SUPPORT SOLUTIONS

Your CASE dealer knows how you can best maximize your equipment investment and uptime — with CASE genuine parts, expert service and a complete range of product support solutions including CASE remanufactured and All Makes parts. CASE supports better parts availability and faster deliveries through nine parts distribution centers in North America and a forecasting system to ensure that the right parts will be there when you need them. And only CASE dealers have exclusive access to the Electronic Service Tool (EST) that quickly pinpoints machine issues. Just ask your dealer for details.



FLEXIBLE FINANCIAL OPTIONS

Specialized finance programs and flexible leasing packages put you in the driver's seat of industry-leading CASE equipment while no-nonsense warranties and comprehensive protection plans ensure that your equipment is protected. As the only finance company dedicated to CASE, we offer strong products and services designed around your unique needs and are the only ones supported by the helpful service professionals at your CASE dealer.



*Please see your CASE dealer for limitations, exclusions and confirmation of policies in effect.



REAL DATA REAL ACTION



Available on all H Series rough terrain forklifts, CASE SiteWatch™ telematics breaks the boundaries of fleet management by allowing you to monitor and manage multiple machines from your office, wherever that may be. No more manually tracking down engine hours and fuel levels. Get real-time performance metrics, idle-time analytics, scheduled maintenance intervals and programmable security alerts sent to any computer, anytime, anywhere.



STANDARD AND OPTIONAL FEATURES

✓ = Standard O = Option

OPERATION	586H	588H
Zero Tailswing	✓	✓
2-Wheel Drive Configuration	O	O
4-wheel Drive Configuration	O	O
Synchromesh Manual Transmission - 4 forward/Reverse Gears	✓	✓
"F-N-R" Power Shuttle Lever	✓	✓
Differential Lock	✓	✓
Load Control Mast Cushioning System	O	O
Hydraulic Control Levers	✓	✓
De-clutch Buttons on Gear Shift & Console	✓	✓
Electronic Parking Brake	✓	✓
Outboard Wet Disc Brakes	✓	✓
Backup Alarm	✓	✓
EXTERIOR	586H	588H
2 Front Headlights	✓	✓
2 Rear Worklights	✓	✓
Rear Tail/Stop Light	✓	✓
Hazard Warning Flasher	✓	✓
Front & Rear Turn Signals	✓	✓
Horn	✓	✓
Front & Rear Tie Downs	✓	✓
Left & Right Rearview Mirrors	✓	✓
ENGINE	586H	588H
3.4 L Maintenance-Free Tier 4 Engine	✓	✓
Electronic Fuel Injection	✓	✓
Glow Plugs for Cold Weather Starting	✓	✓
Block Heater	✓	✓
12V (950 CCA) Maintenance Free Battery	✓	✓
Remote Jump Start Terminals	✓	✓
Master Disconnect Switch	✓	✓
Air Pre-Cleaner	✓	✓

HYDRAULICS	586H	588H
3 Spool Valve for Mast Control	✓	✓
4 Spool valve for Auxiliary Hydraulics	O	O
18 GPM Gear Pump	✓	-
24 GPM Gear Pump	-	✓
Heavy-Duty Hydraulic Oil Cooler	✓	✓
7 Micron, Spin-On Filter	✓	✓
MAST	586H	588H
15' 2-Stage Heavy-Duty Roller Mast	O	O
16' 3-stage Freelift Mast	-	O
22' 3-stage Freelift Mast	-	O
22' 2-stage Mast with Hydraulic Fork Positioner	-	O
22' 2-Stage Heavy-Duty Roller Mast	O	O
6" Mast Side Shift	✓	✓
60" Class 3 Carriage	✓	✓
48" Class 3 Hook Style Forks	O	O
48" Class 3 Shaft Style Forks	O	O
OPERATOR ENVIRONMENT	586H	588H
ROPS/FOPS Certified Protective Canopy	✓	✓
Advanced Instrument Cluster	✓	✓
3" Retractable Seat Belt	✓	✓
Vinyl Seat	✓	✓
Deluxe Suspension Seat	O	O
Lockable Storage Compartment	✓	✓
Rubber Floor Mat	✓	✓
Under Seat Storage	✓	✓

DIMENSIONS AND SPECIFICATIONS

SPECIFICATIONS	586H	588H
Engine	FPT F5HFL463D	FPT F5HFL463D
Displacement/Cylinders – in ³ (L)	207 (3.4)/4	207 (3.4)/4
Emissions Certification Solutions*	Tier 4 Final (DOC)	Tier 4 Final (DOC)
Gross Horsepower @ 2200 RPM – hp (kW)	74 (55)	74 (55)
Net Horsepower @ 2200 RPM – hp (kW)	68 (51)	68 (51)
Peak Torque – lb·ft (N·m)	233 (316)	233 (316)
Transmission Type	4F-4R Power Shuttle Synchromesh	4F-4R Power Shuttle Synchromesh
Maximum Travel Speed Forward – mph (kph)	24.0 (38.6)	24.0 (38.6)
Lift Capacity at 15 ft. @ 24 in Center – lb (kg)	6,000 (2 722)	8,000 (3 629)
Lift Capacity at 22 ft. @ 24 in Center – lb (kg)	3,000 (1 361)	4,000 (1 814)
Operating Weight – lb (kg)	14,621 (6 632)	16,978 (7 701)

DIMENSIONS	586H	588H
Overall Height to Top of ROPS	8 ft 8 in (2 645 mm)	8 ft 8 in (2 645 mm)
Wheelbase – 4WD	7 ft 1 in (2.15 m)	7 ft 1 in (2.15 m)
Overall Length with 48 in Forks	16 ft 3 in (4.95 m)	17 ft 2 in (5.23 m)
Ground Clearance	10.3 in (260 mm)	10.3 in (260 mm)
Overall Height to Top of Mast (Mast Closed)	10 ft 7 in (3.23 m)	10 ft 5 in (3.18 m)
Overall Operating Height (Mast Raised to Full Height)	25 ft 2 in (7.67 m)	25 ft 5 in (7.75 m)
Maximum Fork Height (Forks Horizontal)	22 ft 0 in (6 706 mm)	22 ft 0 in (6 706 mm)
Forward Mast Tilt	45°	45°

*DOC = Diesel Oxidation Catalyst





BUILDING A STRONG CASE.

Since 1842, we at CASE Construction Equipment have lived by an unwavering commitment to build practical, intuitive solutions that deliver both efficiency and productivity.

We strive to make it easier for you to implement emerging technologies and new compliance mandates.

Today, our global scale combined with our local expertise enables us to keep customers' real-world challenges at the center of our product development. This focus has led to numerous innovations like the CASE Minotaur™ DL550 compact dozer loader, Ride Control™, adjustable electro-hydraulic controls, Blade Shake, PowerLift™, over-center boom design and the peace of mind that only CASE ProCare provides.

Every CASE machine is backed by more than 315 North American dealer locations, thousands of OEM, remanufactured and all-makes parts, and flexible financing and insurance options that provide the kind of reliable, steadfast support you expect from a professional partner.

We are passionate about improving the lives of others, whether investing in our veterans or raising awareness about local infrastructure initiatives through Dire States. Our goal is to build both stronger machines — and stronger communities.

At the end of the day, we do what's right by you and your communities so that you can always count on CASE.

CaseCE.com/RTFL

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Form No. CCE202212RTFL
Replaces Form No. CCE202002RTFL

IMPORTANT: CASE Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your CASE dealer/distributor will be able to give you details of the products and their specifications available in your area.



CASE Construction Equipment is biodiesel-friendly.

NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



Always read the Operator's Manual before operating equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

SOURCEWELL SALES ORDER

DATE: OCTOBER 29, 2024

SALESPERSON: CALEB CHRISTNER / 022
ACCOUNT #: 758175
COUNTY: WAYNE
Sourcewell Contract #: 011723-CNH

CUSTOMER CONTACT:
PO # (IF APPLICABLE):
SHIP TO (IF APPLICABLE):

PURCHASER:

CITY OF LIVONIA
13405 SURREY ST
LIVONIA, MI 48150
P: 734-466-2641

SELLING BRANCH:

48545 Grand River, Novi, MI 48374
Branch: (248) 349-9922

FINANCE INFORMATION:

Financed by: Cash, Check, or Other
Rate:
Term:

EQUIPMENT PURCHASED:

Eq #/ Serial #/ Item #	Product Notes	List Price	Discount %	Sourcewell Total Price
	588H 4WD T4 FINAL Rough Terrain Forklift 588H 4WD T4 FINAL Rough Terrain Forklift - 22' Freelif w/60" car, Hook Freelift Mast - Forks will raise 91" before the mast will start to raise allowing for greater clearance. -STD 19.5LX24,R4 (588H) -12X16.5 Truck Tread Tires 12X16.5, 12PR WITH TRUCK TREAD -Canopy -AIR INTAKE Pre-Cleaner -Standard Seat -Load Control -Load Control Kit -Std. Valve No add. Loader Aux. No 3 Spool Valve Hydraulics -English for North America -48" pallet forks, hook type -Transport Protection	\$131,458.00	20%	\$105,166.40
	Extended Warranty Extended Warranty Premier Total CNH Warranty- 24mo/2000hrs Option for \$725	\$0.00	%	\$0.00
	Extended Warranty Extended Warranty Premier Total CNH Warranty- 36mo/3000hrs Option for \$1,056	\$0.00	%	\$0.00
	Delivery Delivery from SEC Novi to City of Livonia	\$675.00	%	\$675.00
	Freight Freight from Manufacturer to SEC	\$1,100.00	%	\$1,100.00
	PDI Predelivery of Machine at SEC Dealer	\$1,020.00	%	\$1,020.00

NOTES:

The 588H is sold with the Southeastern Promise (SP) see terms, limitations, and details at <https://www.southeasternequip.com/terms-and-conditions/>

EQUIPMENT WARRANTY AND DELIVERY INFORMATION:



Warranty Type: Sold with standard manufacturer warranty.
Warranty Detail: 1-Year/Unlimited-Hour Full-Coverage Base
Limited Warranty
2-Year /2,000-Hour Extended Engine Warranty

Delivery Method: Hired Truck
Delivery Date:
Delivery Info:

TRADE-IN EQUIPMENT:

Year	Manufacturer	Model	Serial #	Trade-In Allowance
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[TOTALS, TERMS AND CONDITIONS, AND SIGNATURES ON FOLLOWING PAGE]

A. Definitions. Seller is Southeastern Equipment Co. Inc.; Purchaser is the entity denoted above in the box titled purchaser; collectively Seller and Purchaser may be referred to as Parties; Equipment is new or used equipment being purchased by Purchaser; Trade-In Equipment is equipment being sold by Purchaser to Seller in exchange for a credit only applied to this sale; and Agreement is this contract for the sale and Trade-In of equipment between the Parties.

B. Price and Payment. **The Purchaser and Seller agree that the Total Amount Due will be finally determined by Seller on the date of Delivery of the Equipment based on the manufacturer invoice plus any surcharges from the manufacturer.** Seller hereby does sell, convey and transfer title to Purchaser for Equipment upon full payment of the Balance Due, as calculated pursuant to this Agreement. Purchaser shall remit payment to Seller by cash, check, electronic wire, ACH or other reasonable commercially acceptable method of payment within thirty (30) days of Delivery of Equipment if Purchaser has established line of credit with Seller or immediately upon Delivery of Equipment if no line of credit is established. A finance charge of 1.5% per month (or the maximum amount permitted under applicable state law) will be assessed on all past due balances. All additional taxes or fees owed because of the sale are the responsibility of the Purchaser. **SELLER RETAINS A SECURITY INTEREST IN THE EQUIPMENT UNTIL THE FULL PURCHASE PRICE IS RECEIVED BY SELLER.**

C. Delivery of Equipment. Seller will make Equipment available according to the delivery instructions contained herein. If no instructions are included, the Seller will make Equipment available at the location where the Equipment is located. Purchaser is responsible for all shipping and trucking costs, including loading and unloading, permits and other expenses. Costs may be included in the Total Amount Due if trucking has been predetermined. Any change in delivery location may result in additional charges to be borne by Purchaser. Special order Equipment will be made available once delivery is received by Seller from Equipment supplier. Unless Seller is using Seller's in-house trucking services, Equipment is delivered FOB Seller's location. Seller reserves the right to subcontract or assign Seller's obligation to deliver Equipment. Seller reserves the right to substitute Equipment that is the same year, condition, make, model, within ten (10) hours on the hour meter, and of the same or better configuration without breach of this Agreement or notice.

D. Condition of Equipment. **ALL EQUIPMENT IS SOLD AS IS, WHERE IS UNLESS OTHERWISE STATED IN THIS AGREEMENT. SELLER MAKES NO EXPRESS OR IMPLIED REPRESENTATIONS OR WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS, EXCEPT FOR WARRANTY EXPRESSLY MADE ON THIS AGREEMENT.** Manufacturer warranty does not in itself create a warranty by Seller. Any reference to hour meters on used equipment is for informational purposes only, Purchaser should inspect any used equipment prior to purchase. Purchaser acknowledges warning and responsibility for inspecting all equipment and ensuring equipment meets any and all applicable safety and operational guidelines and laws for use, including the standards set forth in the Federal Occupational Safety and Health Act of 1970, as amended and restated.

E. Trade-In Equipment. If Trade-In Equipment is included on this Agreement, Purchaser hereby bargains, sells and conveys unto Seller the Trade-In Equipment and represents and warrants that Purchaser has marketable title free and clear of any encumbrances, liens, and security interests except to the extent included in the trade payoff number and fully disclosed to Seller. If Trade-In Equipment is not delivered to the Seller prior to delivery of the Equipment to Purchaser, the Trade-In Equipment may be reappraised at the sole discretion of Seller and such reappraisal value shall determine the allowance made for such Trade-In Equipment. In the event the Trade-In Equipment appraisal value is less than the original allowance for said equipment, the Purchaser may terminate this order, however, termination will only be valid if received prior to delivery of Equipment.

F. Limitation of Liability. **IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INDIRECT, INCIDENTAL, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES, OR DAMAGES FOR LOSS OF PROFITS, REVENUE, OR USE INCURRED BY PURCHASER OR ANY THIRD PARTY, WHETHER IN AN ACTION IN CONTRACT, OR TORT, OR OTHERWISE EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SELLER'S LIABILITY FOR DAMAGES ARISING OUT OF**

Customer PO:	
SALES ORDER TOTALS	
Total Equipment Price	\$107,961.40
Total Trade-In Allowance	\$0.00
Trade-In Difference	\$107,961.40
Applied Rent	
Carrying Charge	
Fuel, DEF & Other	
Freight/Trucking	
Title and License Fees	
Total Trade Payoff	\$0.00
Total Price Before Tax	\$107,961.40
Sales Tax	
FET Tax	
Total Amount Due	\$107,961.40
Down Payment	
Balance Due	\$107,961.40

OR IN CONNECTION WITH THIS AGREEMENT SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE RELEVANT EQUIPMENT. Seller shall not be deemed to be in default of any provision of this Agreement, or for failures in performance, resulting from acts or events beyond Seller's reasonable control ("Force Majeure"). Force Majeure shall include, but are not limited to, acts of God, civil or military authority, civil disturbance, war, strikes, fires, and labor disputes. In the event delivery of Equipment is delayed more than thirty (30) days because of Force Majeure, Purchaser may cancel all or part of its purchase of Equipment.

G. Miscellaneous. Due to price fluctuations in the market, Seller reserves the right to pass on any price increase or surcharge to the Purchaser and Purchaser agrees to pay it pursuant to the terms set forth in paragraph B. This Agreement constitutes the complete agreement between the Parties with respect to its subject matter and supersedes all prior or contemporaneous agreements, understandings, representations, discussions, proposals, literature, and the like written or oral. This Agreement may not be modified or amended except in a writing signed by an authorized representative of the Seller and Purchaser. Use of headings in this Agreement are for convenience only and are not to be construed in the meaning of the instrument. This Agreement may be executed in counterparts and any scan, copy or facsimile will be deemed valid as an original copy. In the event any provision of this Agreement is determined to be unlawful or against public policy and found invalid or unenforceable, the remaining provisions will remain in full force and effect. The waiver by either party of any default or breach of this Agreement shall not constitute a waiver of any other or subsequent breach. This Agreement, and all matters arising out of or relating to this Agreement, are governed by the laws of the State of Ohio. Any legal action or proceeding relating to this Agreement may only be brought within the jurisdiction of Guernsey County, Ohio.

H. Authority and Understanding. In signing this Sales Order, you represent that you have the authority to sign on behalf of the Purchaser for the purchase of Equipment and disposition of Trade-In Equipment, you have read and fully understand all terms of this Agreement, and you acknowledge receipt of a fully complete and accurate copy of this Agreement and waive notice of the acceptance or rejection of the Purchaser's offer by the Seller.

I. IF CUSTOMER PAYS ANY BALANCE OWED UNDER THIS SALES ORDER USING CREDIT/CHARGE CARD, SOUTHEASTERN RESERVES THE RIGHT TO CHARGE AN ADDITIONAL 3% OF THE TOTAL INVOICE AS A CONVENIENCE FEE WHICH CUSTOMER HEREBY AGREES TO PAY

Accepted for Seller by:

Sign: _____ Date: _____

Print Name: _____

Purchaser (CITY OF LIVONIA):

Sign: _____ Date: _____

Print Name: _____

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

9.

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

12. REQUEST TO AMEND CONTRACT WITH D'ANGELO BROTHERS, INC.: Department of Public Works, re: to include lead and galvanized service line replacements as required by the EPA and EGLE at various locations throughout the city, in an amount not to exceed \$1,750,000, from budgeted funds.

President McCullough indicated they do have new data on this item.

Ryan Farrell, Assistant Director of Public Works, presented this matter to Council and indicated the City has been very proactive in changing out lead and galvanized service lines. Mr. Farrell indicated the CheckYourPipesLivonia.Org website has been created to help residents and encourage all residents to assess whether their pipes need replaced. Mr. Farrell indicated D'Angelo Brothers has agreed to hold their costs through 2027 and is a good price, very competitive. Mr. Farrell indicated this vendor is extremely professional and the City has worked with them for many years and their work is completed timely and under budget. The funds have been set aside in the Unexpended budget.

Mr. Farrell indicated much information has been pushed out to residents and the hotline number is (734) 466-2619, should residents have further questions or need additional information.

DIRECTION:

APPROVING

CONSENT



LETTER TO THE LIVONIA CITY COUNCIL

12.

DPW

November 15, 2024

MEETING DATE

S120224/R121824

PRESENTED BY

Don Rohraff, Director of Public Works

AGENDA ITEM

REQUEST TO AMEND CONTRACT WITH D'ANGELO BROTHERS, INC.: Department of Public Works, re: to include lead and galvanized service line replacements as required by the EPA and EGLE at various locations throughout the city for an amount not to exceed \$1,750,000, from budgeted funds.

BACKGROUND DETAILS

In 1991, the EPA published a regulation to control lead and copper in drinking water. This regulation is known as the Lead and Copper Rule (also referred to as the LCR). Since 1991, the LCR has undergone various revisions at the Federal and State levels (EGLE), the latest of which requires drinking water systems across the country to identify and replace lead pipes within 10 years. The Lead and Copper Rule Improvements (LCRI) also require more rigorous testing of drinking water and a lower threshold requiring communities to take action to protect people from lead exposure in water. The City of Livonia conducts annual testing of tap water in homes for lead and copper. During our most recent testing, we collected samples from 30 of the 67 homes known to have lead service lines. Four of the homes were found to exceed the acceptable level of lead, which is 15 parts per billion. When this happens, communities are instructed by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) to provide a public notice, begin educational outreach, provide sampling every six months, and provide additional service line replacements.

While we currently know of 157 homes with lead or galvanized service lines, we are actively trying to identify all lead and galvanized service lines within the city and change them out. We know the type of water service lines at 16,563 homes. Identifying the material of service lines for the other 22,428 water service lines is our goal. We have set up a website "Checkyourpipeslivonia.org" where residents can find instructions on how to determine the material of their water service line through an on-line survey, or make an appointment to have a city representative come to their home for an assessment. Valuing the health and welfare of every resident, Administration has set a very aggressive goal of identifying and removing all lead pipes from our system by the end of 2027. This contract extension will help us in achieving that goal.

To date, we have replaced 97 lines. We are required to replace a minimum of 20 per year by EGLE. As this is a massive project, we have to rely on outside vendors to perform the service line replacement. The average cost to replace a service line is \$7,500.00 from our current contractor, D'Angelo Brothers. In comparing our cost to other communities, we have found the prices to be very good for Livonia.

D'Angelo Brothers has performed a vast variety of water and sewer services for the City of Livonia, including large and small water and sewer taps, emergency water/sewer repairs, thawed/frozen

residential service line repairs, road and residential restorations as well as any other needed services. The professionalism that D'Angelo Brothers provides to the City of Livonia is very much appreciated and there is never a doubt the work will be completed timely and on or under budget.

We request that Council approve an amendment to their current service contract with the City (#198-22) to include lead service line identifications and replacements and increase the fiscal year 2025 annual budget from \$410,000 to \$1,750,000. (Acct No. 592-559-787-020). This is an increase of \$1,340,000 from unexpended budget. D'Angelo Bros. has once again agreed to hold their current pricing through the end of the 2027 contract.

In addition, we request that Council approve the additional emergency expenditures performed by D'Angelo Brothers in the amount of \$200,000 which have been incurred in fiscal year 2024, as a result of the increased lead service line replacements since the "Checkyourpipeslivonia.org" initiative began. These additional expenditures will be charged to Acct. No. 592-559-787-020 from unexpended budget.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

Based on D'Angelo Brothers willingness to hold to their pricing, the Department of Public Works recommends that Council proceed as follows:

1. Accept the request by D'Angelo Brothers, Inc, 30750 Eight Mile Road, Farmington Hills, MI 48336, to amend their contract with the City of Livonia to perform lead and galvanized service line identification and replacement at various locations throughout the City, with a budget amendment to increase Account 592-559-787-020 to the contract in an amount of \$1,750,000 through December 2027.
2. Waive the formal bidding process in accordance with Section 3.04.140.D.4 of the Livonia Code of Ordinances, as amended, since no advantage to the City would result from competitive bidding in this type of service.
3. Approve the additional emergency expenditures performed by D'Angelo Brothers in the amount of \$200,000 which have been incurred in fiscal year 2024, which will be charged to Acct. No. 592-559-787-020 from unexpended budget.

SPECIFIC NAME OF PRODUCT AND NUMBER TO BE PURCHASED (if more than one)

592-559-818-000 (Water Maintenance Section) \$1,750,000.00

CONTRACT: Amount and/or purchase price and length of contract (with dates if applicable)

\$ 1,750,000.00

DETAILED WORK BEING PERFORMED

Service contract to provide inspections and replacement of lead and galvanized lines.

FISCAL CONSIDERATIONS (Amount requested and Account(s) used. If applicable, Grant Funding information)

592-559-787-020

\$1,750,000.00

ACCEPTANCE OF BID (Please detail the following: Why accepted, why not lowest bidder, company name, contact person, full address)

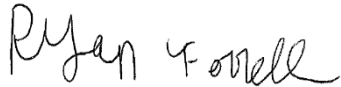
n/a

REASON TO WAIVE BID PROCESS (Emergency, Professional services, No advantage to City and why, Consortium package, etc): Professional services

ATTACHMENTS

1. D'Angelo Lead Water Lines Proposal
2. EPA - Lead and Copper Rule Improvements

APPROVED BY



Ryan Ferrell, Assistant Director of Public Works

Date: November 21, 2024



Don Rohraff, Director of Public Works

Date: November 21, 2024



Debra Peck Lichtenberg, CPA, Finance Director

Date: November 22, 2024



Maureen Miller Brosnan, Mayor

Date: November 22, 2024



LETTER TO THE LIVONIA CITY COUNCIL

12.

DPW

November 15, 2024

MEETING DATE

S120224/R121824

PRESENTED BY

Don Rohraff, Director of Public Works

AGENDA ITEM

REQUEST TO AMEND CONTRACT WITH D'ANGELO BROTHERS, INC.: Department of Public Works, re: to include lead and galvanized service line replacements as required by the EPA and EGLE at various locations throughout the city for an amount not to exceed \$1,750,000, from budgeted funds.

BACKGROUND DETAILS

In 1991, the EPA published a regulation to control lead and copper in drinking water. This regulation is known as the Lead and Copper Rule (also referred to as the LCR). Since 1991, the LCR has undergone various revisions at the Federal and State levels (EGLE), the latest of which requires drinking water systems across the country to identify and replace lead pipes within 10 years. The Lead and Copper Rule Improvements (LCRI) also require more rigorous testing of drinking water and a lower threshold requiring communities to take action to protect people from lead exposure in water. The City of Livonia conducts annual testing of tap water in homes for lead and copper. During our most recent testing, we collected samples from 30 of the 67 homes known to have lead service lines. Four of the homes were found to exceed the acceptable level of lead, which is 15 parts per billion. When this happens, communities are instructed by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) to provide a public notice, begin educational outreach, provide sampling every six months, and provide additional service line replacements.

While we currently know of 157 homes with lead or galvanized service lines, we are actively trying to identify all lead and galvanized service lines within the city and change them out. We know the type of water service lines at 16,563 homes. Identifying the material of service lines for the other 22,428 water service lines is our goal. We have set up a website "Checkyourpipeslivonia.org" where residents can find instructions on how to determine the material of their water service line through an on-line survey, or make an appointment to have a city representative come to their home for an assessment. Valuing the health and welfare of every resident, Administration has set a very aggressive goal of identifying and removing all lead pipes from our system by the end of 2027. This contract extension will help us in achieving that goal.

To date, we have replaced 97 lines. We are required to replace a minimum of 20 per year by EGLE. As this is a massive project, we have to rely on outside vendors to perform the service line replacement. The average cost to replace a service line is \$7,500.00 from our current contractor, D'Angelo Brothers. In comparing our cost to other communities, we have found the prices to be very good for Livonia.

D'Angelo Brothers has performed a vast variety of water and sewer services for the City of Livonia, including large and small water and sewer taps, emergency water/sewer repairs, thawed/frozen

residential service line repairs, road and residential restorations as well as any other needed services. The professionalism that D'Angelo Brothers provides to the City of Livonia is very much appreciated and there is never a doubt the work will be completed timely and on or under budget.

We request that Council approve an amendment to their current service contract with the City (#198-22) to include lead service line identifications and replacements and increase the fiscal year 2025 annual budget from \$410,000 to \$1,750,000. (Acct No. 592-559-787-020). This is an increase of \$1,340,000 from unexpended budget. D'Angelo Bros. has once again agreed to hold their current pricing through the end of the 2027 contract.

In addition, we request that Council approve the additional emergency expenditures performed by D'Angelo Brothers in the amount of \$200,000 which have been incurred in fiscal year 2024, as a result of the increased lead service line replacements since the "Checkyourpipeslivonia.org" initiative began. These additional expenditures will be charged to Acct. No. 592-559-787-020 from unexpended budget.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

Based on D'Angelo Brothers willingness to hold to their pricing, the Department of Public Works recommends that Council proceed as follows:

1. Accept the request by D'Angelo Brothers, Inc, 30750 Eight Mile Road, Farmington Hills, MI 48336, to amend their contract with the City of Livonia to perform lead and galvanized service line identification and replacement at various locations throughout the City, with a budget amendment to increase Account 592-559-787-020 to the contract in an amount of \$1,750,000 through December 2027.
2. Waive the formal bidding process in accordance with Section 3.04.140.D.4 of the Livonia Code of Ordinances, as amended, since no advantage to the City would result from competitive bidding in this type of service.
3. Approve the additional emergency expenditures performed by D'Angelo Brothers in the amount of \$200,000 which have been incurred in fiscal year 2024, which will be charged to Acct. No. 592-559-787-020 from unexpended budget.

SPECIFIC NAME OF PRODUCT AND NUMBER TO BE PURCHASED (if more than one)

592-559-818-000 (Water Maintenance Section) \$1,750,000.00

CONTRACT: Amount and/or purchase price and length of contract (with dates if applicable)

\$ 1,750,000.00

DETAILED WORK BEING PERFORMED

Service contract to provide inspections and replacement of lead and galvanized lines.

FISCAL CONSIDERATIONS (Amount requested and Account(s) used. If applicable, Grant Funding information)

592-559-787-020

\$1,750,000.00

ACCEPTANCE OF BID (Please detail the following: Why accepted, why not lowest bidder, company name, contact person, full address)

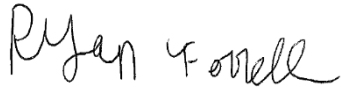
n/a

REASON TO WAIVE BID PROCESS (Emergency, Professional services, No advantage to City and why, Consortium package, etc): Professional services

ATTACHMENTS

1. D'Angelo Lead Water Lines Proposal
2. EPA - Lead and Copper Rule Improvements

APPROVED BY



Ryan Ferrell, Assistant Director of Public Works

Date: November 21, 2024



Don Rohraff, Director of Public Works

Date: November 21, 2024



Debra Peck Lichtenberg, CPA, Finance Director

Date: November 22, 2024



Maureen Miller Brosnan, Mayor

Date: November 22, 2024



Date: 11/12/24

Attention: City of Livonia

To: Don Rohraff

Subject: City of Livonia Lead Water Service Replacements

D'Angelo Brothers has been servicing the City of Livonia since the early 90's. One of the main services we complete are water taps, services & lead water line replacements. Currently we are replacing a typical scenario lead water line for \$7,500.00 which follows our current Water Tap & Maintenance Contract. We would continue to keep this pricing in place until 2027.

Thank you,

Vince D'Angelo

EPA's Lead and Copper Rule Improvements October 2024

Lead in drinking water irreparably harms children and adults. Lead is a highly toxic metal that can impact brain development in children, kidney function in adults, and interferes with the production of red blood cells that carry oxygen to all parts of your body. The federal government banned the installation of new lead pipes in 1986, yet up to 9 million homes and businesses are still connected to water mains through legacy lead pipes in neighborhoods across America. These remaining lead pipes are disproportionately concentrated in low-income communities and communities of color.

That is why it is so important to remove lead from our water systems. The Lead and Copper Rule Improvements (LCRI) strengthen nationwide requirements to protect children and adults from lead in drinking water. These advancements are commonsense, achievable, and built on actions already underway in states and cities around the country.

Key Provisions from Lead and Copper Rule Improvements

For the first time, the vast majority of water systems will be required to replace lead service lines within 10 years. By removing the greatest source of lead in drinking water nationwide, we can further the goal of safe drinking water for current and future generations.

Lead service line replacement within ten years is achievable. Cities like Benton Harbor, MI and Green Bay, WI replaced their lead service lines in less than 10 years. Other systems like Detroit, MI, Pittsburgh, PA, Denver, CO, Milwaukee, WI, and Saint Paul, MN have already started this work and are on pace to replace every lead service line within the next 10 years. For a limited number of drinking water systems, in limited circumstances, that cannot replace every lead pipe in 10 years, the rule establishes some additional time to get the job done.

The final rule supports ongoing efforts to locate existing lead pipes. Knowing where lead pipes are located is critical to replacing them efficiently and equitably. Under existing requirements, regulated water systems are completing initial inventories of their lead service lines in October 2024, and regularly update those inventories under the Lead and Copper Rule Improvements. Systems also must create a service line replacement plan that includes a strategy to prioritize replacement considering community-specific factors, such as populations disproportionately impacted by lead. Water systems are required to make their inventory and replacement plans available to the public.

The final rule strengthens tap sampling requirements. The LCRI makes key changes to drinking water sampling requirements, informed by best practices already being used by leading states like Michigan. For sites with lead service lines, water systems are required to collect and analyze the first-liter and fifth-liter and use the higher of the two values when determining compliance with the rule.

The rule lowers the threshold for taking action and eliminates the overly complex trigger level. The LCRI lowers the threshold for taking action, known as the lead action level, from 15 µg/L to 10 µg/L. When a water system's lead sampling exceeds this level, the system is required to inform the public and take action to reduce

lead exposure while working to expeditiously replace all lead pipes. For example, the water system would install or adjust corrosion control treatment to reduce lead that leaches into drinking water.

The final rule includes additional requirements to reduce exposure to lead in drinking water. Water systems with multiple exceedances of the lead action level are required to continue adjusting treatment, conduct additional community outreach, and make filters that are certified to reduce lead available to all consumers.

Communicating transparently and frequently. The Lead and Copper Rule Improvements require more frequent and proactive communications about lead pipes and plans for replacement. The rule also requires water systems to include clear health language about the dangers of lead in the Consumer Confidence Reports. The Consumer Confidence Reports will also provide information about testing for lead in schools and childcare facilities and will tell consumers where they can find the water system's lead service line replacement plan.

Federal Funding

The Bipartisan Infrastructure Law and funding programs like EPA's Water Infrastructure Improvements for the Nation Act (WIIN) grants, the Drinking Water State Revolving Funds (DWSRF), and Water Infrastructure Finance Innovation Act (WIFIA) loans provide billions of dollars for projects to reduce lead in drinking water. To complement this historic federal funding, EPA's technical assistance programs are helping more communities plan and apply for funding.

Alongside the LCRI, EPA is announcing \$2.6 billion in newly available drinking water infrastructure funding through the Bipartisan Infrastructure Law to support lead pipe replacement projects. Total funding through the Bipartisan Infrastructure Law that can be used for lead line replacements is over \$26 billion over five years and includes:

- \$15 billion over five years for lead service line replacement activities,
- \$11.7 billion over five years, including \$2.6 billion that was announced today, in general supplemental funding to the Drinking Water State Revolving Fund program, which can be used to remove lead pipes or address other pressing drinking water issues in communities.

Half of this funding will go to disadvantaged communities as grants (or principal forgiveness loans). The EPA's water technical assistance (WaterTA), including the **Get the Lead Out (GLO) Initiative**, helps disadvantaged communities identify lead services lines, develop replacement plans, and apply for funding. Communities seeking to access GLO Initiative resources can request assistance by completing the WaterTA request form on EPA's WaterTA website.

EPA is also announcing the availability of \$35 million in competitive grant funding for reducing lead in drinking water. Communities are invited to apply directly for grant funding through this program:

<https://www.epa.gov/dwcapacity/wiin-grant-reducing-lead-drinking-water>. Additional federal funding is available to support lead pipe replacement projects and EPA has developed a [website identifying available funding sources](#).

Cost and Benefits

The annual benefits of the Lead and Copper Rule Improvements are estimated to exceed the annual costs by more than ten-fold. Investments in removing lead pipes will create good-paying, local jobs. The Lead and Copper Rule Improvements will help protect millions of people across America from exposure to lead in drinking water.

EPA estimates that on average, each year after the LCRI is issued it will:

- Protect up to 900,000 infants from having low birthweight, which puts them at risk of longer and more expensive hospital stays after birth.
- Prevent Attention-Deficit Hyperactivity Disorder (ADHD) in up to 2,600 children).
- Reduce up to 1,500 cases of premature death from heart disease.
- Prevent up to 200,000 IQ points lost in children.

These results not only protect public health, but they are also expected to reduce healthcare costs and increase school attendance and economic productivity. The estimated annual benefits of the rule are up to 13 times greater than its estimated annual costs.

- EPA estimates benefits will be \$13 to \$25 billion per year.
- EPA estimates the costs to be \$1.5 to \$2 billion per year.

Whole of Government Approach

Through its 2021 [Lead Pipe and Paint Action Plan](#), the Biden-Harris Administration has made accelerating lead service line replacement a top priority. Under this whole of government approach, 10 federal agenciesⁱ are advancing more than 15 new actions ensuring the federal government is marshalling every resource to make rapid progress towards 100% lead pipe replacement. EPA's actions, including the LCRI, are setting the nation on the course to solve a legacy problem, a problem we can solve by getting the lead out.

Disclaimer: This document is being provided for informational purposes only to assist members of the public, States, Tribes, and/or public water systems in understanding the package for the Lead and Copper Rule Improvements (LCRI). In the event that there are any differences, conflicts, or errors between this document and the content included in the package for the LCRI, including the preamble and regulatory text, States, Tribes, and/or public water systems should refer to the rule package. This document does not impose any new legally binding requirements on the EPA, States, Tribes, or the regulated community. Further, this document does not confer legal rights or impose legal obligations on any member of the public. In the event of a conflict between the discussion in this fact sheet and any statute or promulgated regulation, the statute and any promulgated regulations are controlling.

ⁱ EPA, Department of Labor (DOL), Department of Education (ED), Health and Human Services (HHS), Department of Agriculture (USDA), Department of Housing and Urban Development (HUD), Department of Interior (DOI), the Centers for Disease Control (CDC), the Treasury Department, and Executive Office of the President

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

10.

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

13. REQUEST FOR ADDITIONAL EXPENDITURE: Engineering Division, re: Newburgh Road Emergency Repairs (Ann Arbor Road to Amrhein Road), from budgeted funds. (CR 73-24)

Todd Zilincik, City Engineer, presented this request to Council and indicated the repairs were emergency in nature for the work being done on Newburgh, between Ann Arbor Road to Amrhein. This section of the road was in bad shape due to the additional traffic from I-275 construction. The additional funds are needed to the Emergency Repairs required for this section of Newburgh.

DIRECTION:

APPROVING

CONSENT



LETTER TO THE LIVONIA CITY COUNCIL

13.

Engineering
November 21, 2024

MEETING DATE

S120224/R121824

PRESENTED BY

Todd Zilincik, P.E., City Engineer

AGENDA ITEM

REQUEST FOR ADDITIONAL EXPENDITURE: Engineering Division, re: Newburgh Road Emergency Repairs (Ann Arbor Road to Amrhein Road), from budgeted funds. (CR 73-24)

BACKGROUND DETAILS

Pursuant to Council Resolution No. 73-24, adopted February 28, 2024, the City Council approved a contract with Great Lakes Contracting Solutions, LLC for the 2024 Concrete Maintenance/Selective Slab Program, Contract 24-J.

Great Lakes Contracting Solutions, LLC completed the road segments that were part of the awarded contract, as well as some additional segments on the Schoolcraft Road Service Drive. The Engineering Division approached Great Lakes Contracting Solutions, LLC about the need for emergency repairs along Newburgh Road from Amrhein Road to Ann Arbor Road and they agreed to honor their unit pricing for this work. There were three (3) storm inlets on Newburgh Road northbound lane (just north of Ann Arbor Road) that required emergency repairs along with concrete patching at the intersection for the left turn lane at Amrhein at Newburgh Road. Finally, new concrete road replacement was placed in the southbound lane on Newburgh Road that was severely deteriorated just before Plymouth Road and in front of Newburgh Village.

In order to take advantage of the unit pricing from Contract 24-J and to complete this emergency work, we respectfully request that the City Council approve the following:

- Approve an expenditure in the amount of \$99,349.25 from budgeted funds in Account #204-447-818-114 (Maintenance) to provide payment for Emergency Concrete Repairs on Newburgh Road (Amrhein Road to Ann Arbor Road)
- Approve a payment to Great Lakes Contracting Solutions, LLC, 2300 Edinburgh, Waterford, MI 48328 in a not-to-exceed amount of \$99,349.45 from Account # 204-463-818-114 (Maintenance).

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

In order to take advantage of the unit pricing from Contract 24-J and to complete this emergency

work, we respectfully request that the City Council approve the following:

- Approve an expenditure in the amount of \$99,349.25 from budgeted funds in Account #204-447-818-114 (Maintenance) to provide payment for Emergency Concrete Repairs on Newburgh Road (Amrhein Road to Ann Arbor Road)
- Approve a payment to Great Lakes Contracting Solutions, LLC, 2300 Edinburgh, Waterford, MI 48328 in a not-to-exceed amount of \$99,349.45 from Account # 204-463-818-114 (Maintenance).

SPECIFIC NAME OF PRODUCT AND NUMBER TO BE PURCHASED (if more than one)

n/a

CONTRACT: Amount and/or purchase price and length of contract (with dates if applicable)

n/a

DETAILED WORK BEING PERFORMED

Newburgh Road Emergency Repairs (Ann Arbor Road to Amrhein Road)

FISCAL CONSIDERATIONS (Amount requested and Account(s) used. If applicable, Grant Funding information)

\$99,349.45 from Account No. 204-463-818-114 (Maintenance)

ACCEPTANCE OF BID (Please detail the following: Why accepted, why not lowest bidder, company name, contact person, full address)

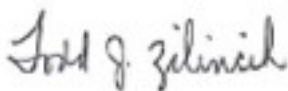
n/a

REASON TO WAIVE BID PROCESS (Emergency, Professional services, No advantage to City and why, Consortium package, etc): n/a

ATTACHMENTS

1. S120224 LTC Add Expend Newburgh Rd Emerg Rep
2. Inv_24NEWB02_from_Great_Lakes_Contracting_Solutions_LLC_47956
3. Inv_24NEWBURGH_from_Great_Lakes_Contracting_Solutions_LLC_47956
4. CR# 073-24 S.L 24-J Great Lakes

APPROVED BY



Todd Zilincik, P.E., City Engineer

Date: November 22, 2024



Don Rohraff, Director of Public Works

Date: November 22, 2024



Debra Peck Lichtenberg, CPA, Finance Director

Date: November 22, 2024



Maureen Miller Brosnan, Mayor

Date: November 22, 2024

2300 Edinburgh
Waterford, MI 48328

Date	Invoice #
11/21/2024	24-NEWB-02

Bill To
Todd Zilincik, City Engineer City of Livonia 12973 Farmington Road Livonia, MI 48150

P.O. No.	Terms	Project
	Net 30	24-0601 Newburgh Road

			Total \$29,909.28
Phone #	Fax #	E-mail	
313-962-0400	313-962-0404	invoices@greatlakescont.com	

2300 Edinburgh
Waterford, MI 48328

Date	Invoice #
10/31/2024	24-NEWBURGH

Bill To
Todd Zilincik, City Engineer City of Livonia 12973 Farmington Road Livonia, MI 48150

P.O. No.	Terms	Project
	Net 30	24-0601 Newburgh Road

			Total	\$69,440.17
Phone #	Fax #	E-mail		
313-962-0400	313-962-0404	invoices@greatlakescont.com		

LORI L. MILLER
CITY CLERK

DORIS E. DeMARCO
DEPUTY CITY CLERK

OFFICE OF THE CITY CLERK



33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2230
FAX: (734) 421-1147

March 12, 2024

Great Lakes Contracting Solutions, LLC
2300 Edinburgh
Waterford, MI 48328

To whom it may concern:

The Council of the City of Livonia, at a Regular Meeting held February 28, 2024, adopted the following resolution:

#073-24 RESOLVED, that having considered the report and recommendation of the City Engineer, dated February 1, 2024, which bears the signatures of the Director of Finance, the Director of Public Works and the City Attorney, and is approved for submission by the Mayor, the Council does hereby accept the unit price bid of Great Lakes Contracting Solutions, LLC, 2300 Edinburgh, Waterford, MI 48328 for performing all work required in connection with the 2024 Concrete Road Maintenance/Selective Slab Program (Contract 24-J) on various concrete streets throughout the City of Livonia, by extending their Contract 23-J bid unit prices, with the exception of revised unit prices for bid item number 3 mobilization, the newly added item numbers 40A for pavement repair, nonreinforced concrete, 7-inch and 43A for driveway, nonreinforced concrete, 8-inch and the agreed upon 60 Inspector Days based on the recommendation of Anderson, Eckstein and Westrick, Inc. ("AEW"), said amount to be adjusted based upon the quantities of work actually completed for the estimated total cost of \$1,626,472.54, based upon the Engineering Division's estimate of units Involved, and subject to a final payment based upon the actual units completed in accordance with the unit prices accepted herein; FURTHER, the Council does hereby authorize an expenditure in an amount not to exceed \$1,626,472.54 for the 2024 Concrete Road Maintenance/Selective Slab Program (Contract 24-J) from funds budgeted in Account No. 204-463-818-119 (Contractual Service – Paving and Catch Repair) for this purpose; and the City Engineer is hereby authorized to approve minor adjustments in the work as it becomes necessary but this authorization does not entitle the City Engineer to authorize any increase in the not to exceed amount or to contract with other parties; FURTHER, such action is taken without competitive bidding for the reason that Great Lakes Contracting Solutions,

LLC has shown itself to be the most competitive market participant by, among other things, honoring their 2023 pricing, such that the City would receive no advantage from competitive bidding per Code of Ordinances Section 3.04.140.E.3; and the Mayor and City Clerk are hereby authorized for and on behalf of the City of Livonia to execute a contract with the aforesaid company, approved as to form and substance by the Department of Law, and to do all other things necessary or incidental to the full performance of this resolution.

Very truly yours,

Lori L. Miller

City Clerk

LLM/ljr

Xc: Engineering

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

11.

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

14. REQUEST TO ACCEPT SETTLEMENT: Departments of Law, re: between the City of Livonia and the Great Lakes Water Authority (GLWA) re: Settlement for costs incurred due to Water Main Breaks as a result of work performed by GLWA on Eight Mile Road.

Carter Fisher, City Attorney, presented the request to Council to approve a settlement reached between the City and Great Lakes Water Authority. Mr. Fisher stated the settlement comes because of water main breaks and work that was performed by the GLWA on Eight Mile Road. After an exchange of information and going back and forth with GLWA, this is a good settlement for the City and the Law Department is very pleased with the result and indicated DPW did most of the groundwork negotiation this settlement.

DIRECTION:

APPROVING

CONSENT



LETTER TO THE LIVONIA CITY COUNCIL

14.

DPW

November 19, 2024

MEETING DATE

S120224/R121824

PRESENTED BY

Ryan Ferrell, Assistant Director of Public Works

AGENDA ITEM

REQUEST TO APPROVE SETTLEMENT: Department of Law, re: the Great Lakes Water Authority (GLWA) and the City of Livonia, for costs incurred due to Water Main Breaks as a result of work performed by GLWA on Eight Mile Road.

BACKGROUND DETAILS

From April 5 through April 13, 2024, the City of Livonia experienced 10 water main breaks on the north side of the City as a direct result of GLWA shutting down a Livonia water feed on 8 Mile Road in order to perform GLWA redundancy work on their system. This resulted in pressure differences in Livonia's water system, which, in turn, caused several water main breaks within our system.

After many discussions with GLWA regarding reimbursement for expenses incurred as a result of these breaks, it was mutually agreed upon that GLWA would credit the City of Livonia \$170,698.60 on their next available water invoice to defray the costs the City incurred repairing these water main breaks.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

Accept the terms and conditions defined in the attached "Settlement and Release Agreement Between the City of Livonia and Great Lakes Water Authority" in the amount of One Hundred Seventy Thousand, Six Hundred Ninety-Eight and 60/100 dollars (\$170,698.60), to be applied to the City's water bill from GLWA after execution of the attached agreement.

SPECIFIC NAME OF PRODUCT AND NUMBER TO BE PURCHASED (if more than one)

Credit for water main beak expenses incurred due to GLWA water main project

CONTRACT: Amount and/or purchase price and length of contract (with dates if applicable)

Credit: \$170,698.60 to the GLWA Water Account 592-230-070

DETAILED WORK BEING PERFORMED

n/a

FISCAL CONSIDERATIONS (Amount requested and Account(s) used. If applicable, Grant Funding information)

None

ACCEPTANCE OF BID (Please detail the following: Why accepted, why not lowest bidder, company name, contact person, full address)

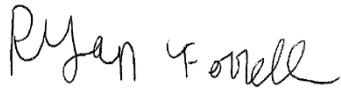
None

REASON TO WAIVE BID PROCESS (Emergency, Professional services, No advantage to City and why, Consortium package, etc): N/A

ATTACHMENTS

1. Livonia settlement for April 2024 claim

APPROVED BY



Ryan Ferrell, Assistant Director of Public Works

Date: November 20, 2024



Don Rohraff, Director of Public Works

Date: November 20, 2024



Debra Peck Lichtenberg, CPA, Finance Director

Date: November 21, 2024



Carter Fisher, City Attorney

Date: November 21, 2024



Maureen Miller Brosnan, Mayor

Date: November 21, 2024

SETTLEMENT AND RELEASE AGREEMENT
BETWEEN
CITY OF LIVONIA AND GREAT LAKES WATER AUTHORITY

This Settlement and Release Agreement ("Agreement") is made between the City of Livonia, a Michigan municipal corporation ("Member Partner"), and the Great Lakes Water Authority, a Michigan municipal authority ("GLWA"). Member Partner and GLWA may be collectively referred to as the "Parties", or individually as a "Party".

Recitals

- A. Member Partner and GLWA entered a water service agreement dated July 21, 2009 ("Contract"); and
- B. Paragraph 11.02 of the Contract provides that, except to the extent that GLWA is the proximate cause, GLWA shall not be liable for damage to Member Partner's water works system; and
- C. On or about April 5, 2024, to April 13, 2024, Member Partner experienced water main breaks within its water works system; and
- D. The Parties find it in their best interests to complete a settlement and release of the claims set forth in this Agreement; and

Accordingly, in exchange for the mutual promises and other valuable consideration given in this Agreement, the Parties agree as follows:

1. GLWA will provide, and Member Partner will accept, a credit to Member Partner's wholesale water account in the amount of One Hundred Seventy Thousand Six Hundred Ninety-Eight and 60/100 Dollars (\$170,698.60) (the "Credit"). The Credit shall, after satisfaction of the conditions precedent stated in Paragraph 3 below, be applied by GLWA to the billing period subsequent to the Effective Date of this Agreement. The Credit is intended to resolve in their entirety the claims set forth in Paragraph 2 below and represents the full and final settlement and satisfaction of the claims set forth therein.

2. Member Partner (including its past, present and future directors, appointees, employees, agents, and representatives) releases and forever discharges GLWA and its directors, appointees, employees, agents, and representatives (past, present and future) from all manner of claims, actions, causes of action, demands, damages, lawsuits, debts, disputes, sums of money, promises, liabilities, obligations, losses, costs, expenses and compensation of every kind, name and nature, known or unknown, in law or equity, which it has or may have against GLWA relating in any way to, arising out of, or resulting from any and all water main breaks that may have occurred in Member Partner's jurisdiction prior to 12:01 a.m. on April 14, 2024.

3. As conditions precedent to GLWA's obligations specified in Paragraph 1 above, Member Partner shall:

- a. obtain by resolution the approval of its City Council of the terms of this Agreement,

- b. have the Agreement executed by an authorized representative of Member Partner (as defined in Paragraph 9), and
 - c. return both this signed Agreement and a copy of the resolution to GLWA.
- 4. After satisfaction of the conditions of Paragraph 3, GLWA shall:
 - a. obtain the approval of and have the Agreement executed by its Chief Executive Officer, and
 - b. return a copy of the fully executed Agreement to Member Partner.
- 5. The "Effective Date" of this Agreement shall be the date of execution of this Agreement by the GLWA Chief Executive Officer. This Agreement shall be binding upon the Parties on the Effective Date.
- 6. All other claims of the Parties related to the provision of water service by GLWA to Member Partner and the payment for water services by Member Partner to GLWA not included in Paragraph 2 are preserved and are not waived by this Agreement.
- 7. The terms set forth in this Agreement represent the compromise of a dispute and shall not be construed as an admission of negligence or fault on the part of either Party.
- 8. The individuals signing this Agreement warrant and represent that they have actual authority to execute this Agreement on behalf of the entities they represent and that it binds each of their directors, officers, agents, employees, successors, and assigns.
- 9. All agreements and understandings between the Parties are expressed in this Agreement and its terms are contractual.
- 10. Each of the Parties has participated in the drafting of this Agreement and, as a result, the rule that ambiguities are construed against the drafter shall not apply in the event of a dispute arising out of this Agreement.
- 11. This Agreement and each of its terms and conditions shall be applied to the benefit of and be binding upon the Parties, their respective successors, and assigns.
- 12. Each Recital paragraph herein shall be fully incorporated by reference.

(Signatures appear on next page)

The Parties understand and agree to be bound by the foregoing terms as evidenced by the signatures of its duly authorized representatives below:

City of Livonia:

By: _____
Maureen Miller Brosnan
Mayor

By: _____
Lori Miller
City Clerk

APPROVED BY
LIVONIA CITY COUNCIL ON:

Date

Great Lakes Water Authority:

By: _____
Suzanne R. Coffey, P.E.
Chief Executive Officer

Dated: _____

APPROVED AS TO FORM BY
GLWA GENERAL COUNSEL:

Signature Date

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

12.

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

15. REQUEST TO AMEND COUNCIL RESOLUTION 326-24: Department of Law, re: to include shipping costs for the previously approved purchase of 40,000 waste trash carts and 40,000 waste recycling carts from Toter, from budgeted funds.

Carter Fisher, City Attorney, presented this item to Council. Mr. Fisher indicated this request is to amend the previous approving Council Resolution #326-24 for the purchase of the carts from Toter. The original CR did not include the shipping costs, which is why the request is being made to amend the original Council Resolution. Mr. Fisher indicated this is simply a housekeeping item and there are sufficient budgeted funds to pay for the shipping costs not originally included in the approval and the corrected resolution is needed to issue the appropriate Purchase Order.

DIRECTION:

APPROVING

CONSENT



LETTER TO THE LIVONIA CITY COUNCIL

15.

Law
November 19, 2024

MEETING DATE

S120224/R121824

PRESENTED BY

Carter Fisher, City Attorney

AGENDA ITEM

REQUEST TO AMEND COUNCIL RESOLUTION 326-24: Department of Law re: to include shipping costs for the previously approved purchase of 40,000 waste trash carts and 40,000 waste recycling carts from Toter, from budgeted funds.

BACKGROUND DETAILS

Honorable Members of the City Council,

Council Resolution 326-24, adopted on September 23, 2024, regarding the purchase of waste and recycling carts from Toter erroneously lists the purchase price as \$3,764,800.00. This price does not include the shipping costs for the carts, which was previously presented to Council in Committee and is included in the materials on cart pricing provided by the Finance Director. The total correct cost for these carts is \$4,147,200.00, and we're asking that the council resolution be corrected to reflect that amount so a corrected purchase order can be issued.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

RESOLVED, that having considered a communication from the City Attorney, dated November 19, 2024, wherein it is requested that Council Resolution 326-24, adopted on September 23, 2024, be amended to include shipping costs for the previously approved purchase of waste/recycling carts from Toter in connection with solid waste/recycling services for the period December 1, 2024 through November 30, 2029, THE COUNCIL DOES HEREBY AMEND AND REVISE COUNCIL RESOLUTION 326-24 SO AS TO READ AS FOLLOWS:

CR 326-24 RESOLVED, that having considered the report and recommendation of the Capital Outlay and Infrastructure Committee, dated September 11, 2024, submitted pursuant to Council Resolution Nos. 57-15 and 932-98, and a subsequent communication from the City Attorney, dated November 19, 2024, regarding the subject matter of solid waste/recycling services for the period December 1, 2024 through November 30, 2029, THE COUNCIL DOES HEREBY AUTHORIZE THE PURCHASE OF 40,000 TRASH CARTS AND 40,000 RECYCLING CARTS FROM TOTER, 841 MEACHAM ROAD, STATESVILLE, NC 28677 TO BE UTILIZED FOR THE CITY'S SOLID WASTE COLLECTION AND DISPOSAL SERVICES IN AN AMOUNT NOT TO EXCEED \$4,147,200.00; FURTHER, the Council does hereby authorize an amount not to exceed \$4,147,200.00 from

Account Number: 226-528-818-010 (Refuse Fund) for this purpose.

SPECIFIC NAME OF PRODUCT AND NUMBER TO BE PURCHASED (if more than one)

40,000 waste trash carts and 40,000 waste recycling carts

CONTRACT: Amount and/or purchase price and length of contract (with dates if applicable)

\$4,147,200.00

DETAILED WORK BEING PERFORMED

n/a

FISCAL CONSIDERATIONS (Amount requested and Account(s) used. If applicable, Grant Funding information)

\$4,147,200.00 - Account Number: 226-528-818-010 (Refuse Fund)

ACCEPTANCE OF BID (Please detail the following: Why accepted, why not lowest bidder, company name, contact person, full address)

n/a

REASON TO WAIVE BID PROCESS (Emergency, Professional services, No advantage to City and why, Consortium package, etc): n/a

ATTACHMENTS

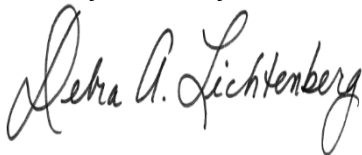
1. S120224 LTC Amend CR 326-24
2. CR 326-24

APPROVED BY



Carter Fisher, City Attorney

Date: November 19, 2024



Debra Peck Lichtenberg, CPA, Finance Director

Date: November 20, 2024



Maureen Miller Brosnan, Mayor

Date: November 21, 2024

On a motion by Councilmember Donovic, supported by Councilmember Toy, and unanimously adopted, it was:

#326-24 RESOLVED, that having considered the report and recommendation of the Capital Outlay and Infrastructure Committee, dated September 11, 2024, submitted pursuant to Council Resolution Nos. 57-15 and 932-98, regarding the subject matter of solid waste/recycling services for the period December 1, 2024 through November 30, 2029, the Council does hereby authorize the purchase of 40,000 trash carts and 40,000 recycling carts from Toter, 841 Meacham Road, Statesville, NC 28677 to be utilized for the City's solid waste collection and disposal services in an amount not to exceed \$3,764,800.00; FURTHER, the Council does hereby authorize an amount not to exceed \$3,764,800.00 from Account Number: 226-528-818-010 (Refuse Fund) for this purpose.

This item will remain in Committee

Laura Hubbard, Toter representative, was present to answer questions. She indicated the carts are durable and are made from recycled material. The cart bodies have 12-year warranty, and all other components have a 10-year warranty.

Debra Lichtenberg, Finance Director, said we are working with Recycling Partnership, a non-profit organization, which provides up to \$15 per recycling cart. They will be monitoring for any other recycling grants that may be available through EGLE. We will have a 4.7 million dollar saving over the next five years by going to the cart system. The carts will pay for themselves in about four years.

On a motion by Councilmember Donovic, supported by Vice President Ptashnik, and unanimously adopted, it was:

#327-24 RESOLVED, that having considered a communication from the Department of Assessment, which bears the signatures of the Planning Director and the City Engineer, dated August 15, 2024, approved for submission by the Mayor, with regard to a request from Livonia Builders G2, LLC, on behalf of Tony Al Khal, owner of 37500 Schoolcraft Road, Livonia, MI 48150, and in accordance with the provisions of 1967 PA 288, as amended, as well as Code of Ordinances Section 16.32.030 and Section 7.21 of the Livonia Zoning Ordinance, both as amended, the Council does

***LAW AND EDUCATION COMMITTEE MEETING
WEDNESDAY, DECEMBER 4, 2024***

A Law and Education Committee meeting was held on Wednesday, December 4, 2024, in the City Hall Council Chambers.

Committee Members Present: Martha Ptashnik, Chair
Laura Toy, Vice Chair

Committee Members Absent: None

**City Officials and
Others Present:** Carrie Budzinski, Councilmember
Carter Fisher, City Attorney
Doug Moore, Assistant Director of Public Works
Jerome Hanna, Inspection Director

Additional Attendees: See attached.

a.

1. The subject matter of a proposed amendment to the noise ordinance. (CR 253-24)

The meeting convened at 7:00PM and was led by Committee Chair, Martha Ptashnik.

There were no residents in attendance to speak on this item and will remain in committee for further discussion.

The Committee recommends:

For this item to remain in committee.

This item is to be placed on the **Regular Meeting Agenda of December 18, 2024**

2. The subject matter of proposed ordinance amendment(s) to the City's Noxious Weed Ordinances to include non-enforcement language for residents who maintain native plant-based gardens and meadows in lieu of conventional lawns. (CR 307-24)

Committee Chair, Martha Ptashnik opened discussion by asking for suggestions relating to native plants and how the city can encourage green thinking while balancing the community look.

Residents offered comments both for and against native plants.

Those against native plants offered the following:

- Problems with animal excrement
- Weeds
- Flooding issues

Those for native plants offered the following|:

- They do not consider them weeds; they are just a different approach to gardens.
- Lawns are non-native
- Friends of the Rouge: "They are part of the green water storm structure to prevent flooding, which is comprised of native plants
- Still want to keep the weed ordinance, but beef up the noxious weed ordinance
- Want the ordinance to allow managed gardens
- Want a strict set-back

It was noted that although many attending residents commented on their opinions pertaining to a specific property, the point of the discussion was to discuss a plan for the entire city.

Comments were made that many communities take a managed planting approach with the following parameters:

- What can be planted
- Where it can be planted
- Education for residents is needed for this topic
- Responsibility and accountability go to the residents to follow the ordinance

City Attorney, Carter Fisher, stated there could be an update to the current ordinance.

A possible plan for the city could entail the following:

- Favorable native plant gardening
- Established set-back
- Enforcement of noxious weed ordinance
- Education for Ordinance Officers, if needed
- Natural plants are left alone, while native plants must be tended to
- Possible registration system for homeowners with native gardens that could be checked by Ordinance
- Homeowners would be obligated to follow the rules

Inspection Director, Jerome Hanna, stated there are many properties in the city and if they are maintained, there are no issues, also pointing out the following:

- Consideration of rodents becoming a problem
- Enforcement could be an issue
- Staffing for enforcement becomes an issue
- There is a need to balance responsible gardening
- Resale of homes become an issue when living near the homes with this type of gardening
- There needs to be management of the areas

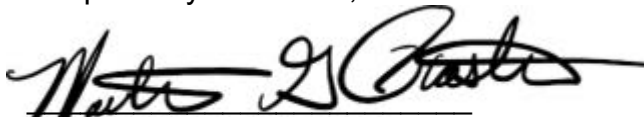
The Committee recommends:

1. For the Greenleaf Commission to propose possible regulations on native plant gardens
2. For the Law Department to draft an updated Noxious Weed ordinance upon receipt of the above-mentioned

Note: This item will remain in Committee.

This item is to be placed on the **Regular Meeting Agenda of December 18, 2024.**

Respectfully submitted,


Martha Ptashnik, Chair

LAW AND EDUCATION COMMITTEE MEETING
WEDNESDAY, DECEMBER 4, 2024, 7:00PM

NAME

DEPT OR CONTACT INFO FOR NOTIFICATIONS*
*PERTAINING TO THE SUBJECT MATTER OF THIS MEETING

Spaul Vinton
Kam Vinton
Bryan Feldman
Patrick Correy
DK Resina Newton
STEPHEN RAY
Jerome Hanna
Douglas Rossi
Betsy Calhoun
Anne Sullivan
Michael Duweke
Andrea Duweke
Derek Shaffer
David Waxer



LETTER TO THE LIVONIA CITY COUNCIL

1.

Council Office
September 25, 2024

MEETING DATE

LE101424/R110624

PRESENTED BY

AGENDA ITEM

The subject matter of a proposed amendment to the noise ordinance. (CR 253-24)

BACKGROUND DETAILS

Regular Meeting Minutes of August 7, 2024

On a motion by Councilmember Toy, supported by Councilmember Jolly and unanimously adopted, it was:

#253-24 RESOLVED, that having considered a communication from Steven Johnson, 18240 Sunset St., Livonia, MI 48152, dated June 24, 2024, wherein he requests a proposed Ordinance amendment to allow noise ordinance enforcement to begin at 10:00 p.m., the Council does hereby refer this item to the Law and Education Committee for its report and recommendation.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

To discuss the subject matter as presented.

ATTACHMENTS

1. R080724 Noise ord amend Steven Johnson Refer to LE CR 253-24

APPROVED BY

Regular Meeting Minutes of August 7, 2024

On a motion by Councilmember Toy, supported by Councilmember Jolly and unanimously adopted, it was:

#253-24 RESOLVED, that having considered a communication from Steven Johnson, 18240 Sunset St., Livonia, MI 48152, dated June 24, 2024, wherein he requests a proposed Ordinance amendment to allow noise ordinance enforcement to begin at 10:00 p.m., the Council does hereby refer this item to the Law and Education Committee for its report and recommendation.

<i>CONSENT AGENDA ITEM 2 (Regular Meeting of July 15, 2024)</i>

Motion:	Toy
Second:	Jolly
Ayes:	Budzinski, Morgan, Toy, Jolly, Ptashnik, Donovic, McCullough
Nays:	None
Absent:	None



LETTER TO THE LIVONIA CITY COUNCIL

2.

Council Office
September 30, 2024

MEETING DATE

LE101424/R110624

PRESENTED BY

AGENDA ITEM

The subject matter of proposed ordinance amendment(s) to the City's Noxious Weed Ordinances to include non-enforcement language for residents who maintain native plant based gardens and meadows in lieu of conventional lawns. (CR 308-24)

BACKGROUND DETAILS

At the Regular Meeting of September 23, 2024

#307-24 RESOLVED, that upon the motion by Councilmember Jim Jolly, seconded by Council Vice President Martha Ptashnik, at the Regular Meeting held September 23, 2024, the Council does hereby refer the subject matter of proposed amendment(s) to the City's Noxious Weed Ordinances to include non-enforcement language for residents who maintain native plant based gardens and meadows in lieu of conventional lawns to the Law and Education Committee for further discussion and recommendation.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

To discuss the subject matter as presented.

ATTACHMENTS

1. LE120424 Item 2 - Noxious Weed Ord New Data 3 - Recd 12-4-24
2. LE120424 Item 2 - Noxious Weed Ord New Data 2 - Recd 12-2-24
3. LE120424 Item 2 - Noxious Weed Ord New Data 1 - Recd 12-2-24
4. R092324 Noxious Weed Ordinance to LE Committee CR 308-24)

APPROVED BY

On a motion by Councilmember Jolly, supported by Vice President Ptashnik and unanimously adopted, it was:

#308-24 RESOLVED, that upon the motion by Councilmember Jim Jolly, seconded by Council Vice President Martha Ptashnik, at the Regular Meeting held September 23, 2024, the Council does hereby refer the subject matter of proposed amendment(s) to the City's Noxious Weed Ordinances to include non-enforcement language for residents who maintain native plant based gardens and meadows in lieu of conventional lawns to the Law and Education Committee for further discussion and recommendation.

<i>RESOLUTION REQUESTED BY COUNCIL (Regular Meeting of September 23, 2024)</i>
--

Motion:	Jolly
Second:	Ptashnik
Present:	Jolly, Ptashnik, Donovic, Budzinski, Morgan, Toy, McCullough0
Absent:	None

From: [Rosina N](#)
To: [McCullough, Brandon](#); [Budzinski, Carrie](#); [Donovic, Rob](#); [Morgan, Scott](#); [Ptashnik, Martha](#); [Jolly, Jim](#); [Toy, Laura](#); [Kasprowicz, Sara](#)
Cc: [Rosina N](#); [Bob Hauser](#); [Evan Rosin](#); [Cyndi Ross](#); [David Waxer ICE](#); [Anne Sarazin](#)
Subject: Resolution #308-24, Proposed amendment(s) to the City's Noxious Weed Ordinances, Livonia Law & Education Committee
Date: Monday, December 2, 2024 8:03:07 AM
Attachments: [LE Committee - Roadmap to a Native Ordinance.pptx.pdf](#)

Dear Livonia City Council:

President Brandon McCullough, Members Carrie Budzinski, Rob Gjonaj Donovic, and Scott Morgan

As Livonia citizens, thank you for the opportunity to present our views at the September 23rd City Council meeting. We further appreciate your thoughtful consideration of our proposal to amend the City's Noxious Weed Ordinances, and for referring it to the Law and Education Committee.

We are sharing the following information with the Law and Education Committee this Wednesday, and we want to share with you all as well.

Enclosed please find materials for the December 4th meeting of the Law and Education Committee, in support of Resolution #308-24, the proposed amendment(s) to the City's Noxious Weed Ordinances.

Please note that the attached document, ***LE Committee - Roadmap to a Native Ordinance***, is an overview of our recommendations. We welcome the opportunity to share this brief presentation during the meeting.

The remaining documents, sent separately, are supportive resource documents for the Law and Education Committee and the City of Livonia, expanding on the recommendations contained in the presentation. Also please find live links within the *Roadmap to a Native Ordinance* that lead to websites with further information.

Attachments:

-

LE Committee - Roadmap to a Native Ordinance

- Livonia MS4 Stormwater Discharge Application 2016
- GSI Impact on Property Values
- ASLA - 5 Reasons Native Plants Help You Save Money and the Planet
- NCS - Letter of Support
- MSU - GSI - Building Sustainable and Resilient Communities
- Michigan prohibited and restricted weeds
- Native landscaping ordinance - Minnesota examples
- Native landscaping ordinance - United States examples
- Native landscaping ordinance - Wayne County Wild Ones sample

Thank you for this opportunity to present a simple solution benefiting the City of Livonia, Livonia residents, our Rouge River, and our environment.

Sincerely,
Livonia Native Landscape Ordinance Team

Rosina Newton, resident and *Friends of the Rouge* staff

Bob Hauser, resident and *Wayne County Wild Ones* vice president

Evan Rosin, Wayne Co. Conservation District, Board of Directors

Cyndi Ross, resident and *Friends of the Rouge* manager

Annie Sarazin, resident

David Waxer, resident

A Roadmap to



A City of Livonia Native Landscaping Ordinance

***Why* should Livonia adopt a Native Landscaping Ordinance?**



Native landscaping helps Livonia meet our stormwater permit requirements

“Everything you do on the land
affects the water quality in the
Rouge.”

Annette DeMaria
Alliance of Rouge Communities (ARC)

City of Livonia





MS4 Stormwater
Discharge Application

Permit No: MIG610015

April 1, 2016

Submitted by:

The City of Livonia
12973 Farmington Road
Livonia, MI. 48150
734.466.2655

In Collaboration with:



Green Stormwater Infrastructure (GSI), including native landscaping, is proven to solve municipal problems such as flooding

“Green stormwater infrastructure (GSI) is (used) to sustainably manage stormwater in the United States. Aside from mitigating floods, it provides other ecosystem services such as improved water quality, scenic beauty, and an increase in property values of surrounding houses, among others.”

<https://www.sciencedirect.com/science/article/pii/S2210670721001062>



GSI and native landscaping increase property values

“When you just see bare flat turf and nothing to create a transition between yard or pavement and home, it just doesn’t show as well. (Native plant landscaping is) such a tremendous asset, not a deterrent.”

Kristi Neidhardt, top-selling real estate agent



SUMMARY

Green stormwater infrastructure (GSI), such as rain gardens, swales and porous pavement allows us to use natural systems to control stormwater and urban flooding. GSI brings dozens of benefits to neighborhoods that traditional “gray” stormwater infrastructure does not, including places to play, habitats for other species, and cooling on hot days.

This report shows that GSI also adds value to homes. The Center for Neighborhood Technology (CNT) worked with SB Friedman Development Advisors to model the impact of GSI installations, such as rain gardens and swales, on property sales data in two cities and found statistically significant higher sales prices of homes near GSI. These findings add to a growing body of research that shows that nature-based solutions to stormwater management provide many benefits in addition to flood control.



photo credit: NACTO

What we found:

- **Doubling the square footage of rain gardens, swales, planters, or pervious pavement near a home is associated with a 0.28% to 0.78% higher home sale value, on average.¹**

What this means:

- A homeowner with a \$250,000 home could see an increase of \$700 to \$1,950 in home sales value with a doubling of nearby GSI.

Native landscaping requires less maintenance and less money



American Society of
Landscape Architects

Job

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Awards

Conference and Events

Become a Landscape Architect

Join

Learn

Residential Design

5 REASONS NATIVE PLANTS HELP YOU SAVE MONEY AND THE PLANET



2008 ASLA Honor Award, Residential Design Category, Beach House, Dirtworks / image: Dirtworks

1. Native plants are healthier and stronger. Plants native to an area are more likely to establish quickly and will naturally be hardy and healthy. Native plants have evolved over thousands of years, learning to thrive in particular areas—they grow in harmony with the environment, the soil, the water supply, the varying weather throughout all the seasons, and other native companions. Their root systems are deep, sometimes up to 15 feet, and acclimated to the soil, be it clay or sand, and average precipitation, whether it is high or low. Their stems and leaves can handle harsh sun or buffeting winds, for example, if that is the nature of the local environment. They are also part of a larger natural ecosystem.

Native landscaping is the current and future trend in horticulture

Gardeners

- are learning more about native & ecological gardening
- want less maintenance
- want to save money

Forbes

FORBES > SMALL BUSINESS

Gardening's Hottest Trend Is Here: The Big Shift To Native Plants And What It Means For Your Business

 **Tammy Sons** Forbes Councils Member
Forbes Business Council **COUNCIL POST** | Membership (Fee-Based)

 Feb 3, 2022, 10:00am EST

Updated Feb 9, 2022, 04:18am EST

Homeowners are tired of having hybrids that require care that includes hiring a lawn service or spending countless hours on their hands and knees. As homeowners realize how low-maintenance native plants are, they set all the herbicides, insecticides and pesticides aside to enjoy the ease of native plants.

This season, the popularity of native plants is off the charts. Keep reading to find out how you can prepare your nursery or gardening business for this growing trend.

Professional native landscaping businesses would benefit from a pro-native business climate in Livonia

John & Liz DeLisle

Principal Ecologist & Owner

Natural Community Services

<http://naturalcommunityservices.com/>



Cell:

248.672.7611

Email:

info@naturalcommunityservices.com

LETTER OF SUPPORT FOR FRIENDS OF THE ROUGE TO CITY OF LIVONIA RE: NATIVE PLANTS/ORDINANCES

Dear Members of the City Council,

I am writing on behalf of Natural Community Services (NCS) to express our strong support for the efforts of Friends of the Rouge and WildOnes to amend the City of Livonia ordinances to allow for native landscaping, rain gardens, the management of invasive plants, and the removal of barriers to green infrastructure implementation.

As an organization dedicated to ecological restoration and sustainable landscape design, we recognize the significant environmental, economic, and social benefits that these practices can bring to our community. Native landscaping and rain gardens not only enhance the aesthetic appeal of our neighborhoods but also play a crucial role in improving water quality, reducing stormwater runoff, and providing habitat for local wildlife.

The management of invasive plants is essential to preserving the integrity of our native ecosystems. Invasive species can outcompete native plants, leading to a loss of biodiversity and negatively impacting the health of our natural areas. By allowing for the proactive management of these species, we can protect and restore the ecological balance within our community.

Furthermore, removing barriers to green infrastructure implementation is vital for promoting sustainable development and resilience against climate change. Green infrastructure, such as permeable pavements, green roofs, and bioswales, helps to manage stormwater, reduce urban heat islands, and improve air quality. These practices are not only environmentally beneficial but also cost-effective in the long term.

We commend Friends of the Rouge and WildOnes for their dedication to these important issues and their efforts to create a more sustainable and resilient Livonia. We urge the City Council to support these proposed ordinance changes and to recognize the value of integrating native landscaping, rain gardens, invasive plant management, and green infrastructure into our city's planning and development processes.

Thank you for your consideration.

Sincerely,

John DeLisle

City of Livonia
residents choosing
to garden
ecologically in their
own yard
would not be
punished with
citations



[HOME](#) [ABOUT](#) [NEWS & EVENTS](#) [OUR WORK](#) [WATER TRAIL](#) [STORE](#) [GET INVOLVED](#)



Annie's Story

By: Rosina Newton, FOTR Restoration Assistant and Volunteer Coordinator

This is a story about my neighbor, Annie, but it could be about you or any Friend of the Rouge who wants to make a difference in their own corner of our world.

Annie hired a professional ecological landscaper to install beautiful Michigan native plants in her backyard to solve a flooding problem. It worked! This beautiful meadow now reduces flooding in her yard and her neighbors' and is a haven for pollinators and birds, as you can imagine.

However, this summer my friend received a citation from the City of Livonia that her vibrant meadow had to be cut down because of the "noxious weed ordinance," Section 8.40.050. The Livonia ordinance does not recognize the difference between actual noxious weeds, as defined by the Michigan Agriculture Department, and native plants. Many municipal ordinances across the country were written before there was widespread awareness of the benefits of native plant landscaping, and residents are working with their local governments to amend ordinances to allow more ecological landscaping.

Native Landscaping FAQs

Q: Aren't native landscapes messy looking? Isn't this just an excuse to be a bad neighbor?

A: No, a native plant ordinance provides guardrails with setback requirements and other “cues to care.”

Q: Don't native landscapes lower property values?

A: Patrick McVeigh, Michigan realtor, says this isn't true. A well-designed native landscape can increase property value!

Q: Aren't native plants too hard to maintain?

A: Just like all plants, natives need care until they become established. Once established, native plants require less water, and little or no fertilizer, insecticide, or herbicide because they are adapted to the conditions in Michigan.

Q: To make a difference, don't I have to plant a whole field of native plants?

A: Even one native plant is an ecosystem! A small native garden can provide habitat for songbirds and pollinators such as butterflies.



Photo Credit: Cindy O., Plymouth Resident

Native Landscaping Case Study in Livonia



BEFORE:

A sterile landscape without ecological value



AFTER:

A beautiful, vibrant native landscape

Livonia Inspection Department would be freed to focus on

- Dilapidated buildings
 - as mentioned by City Council member Rob Gjonaj Donovic on 9/23/24
- Existing noxious weeds
 - Private property
 - Commercial property
 - City property



Noxious weeds in a prominent Livonia location



Canadian Thistle, going to seed in a neighborhood yard

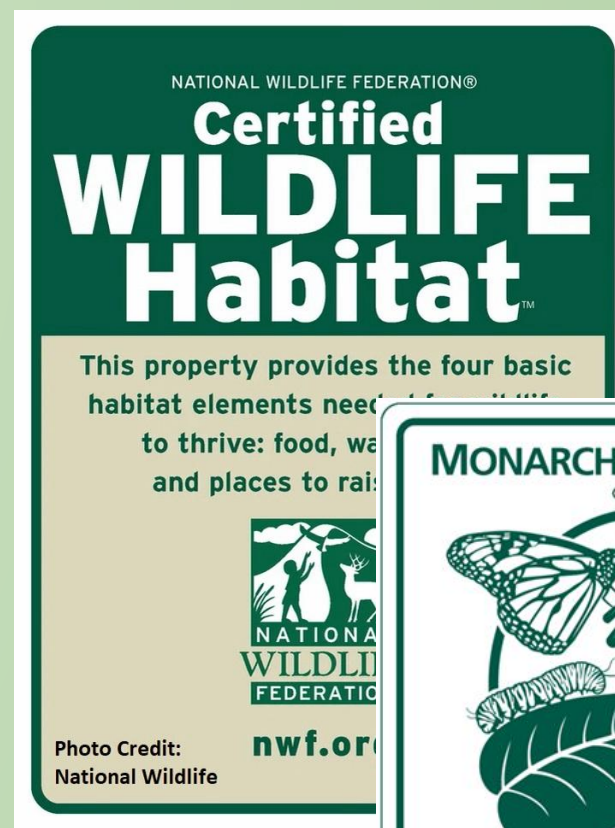
Livonia is already a *Tree City USA* since 1998

By promoting native plant ordinances, Livonia could gain further recognition



Livonia could gain further recognition

- Through National Wildlife Federation
 - Become a **Community Wildlife Habitat**
 - Take the **Mayors Monarch Pledge**
 - Create **Community Spaces**
- Through the Xerces Society
 - Be a **Bee City USA**
- Through MonarchWatch.org
 - Create a registered **Monarch Waystation**



Livonia could be part of the solution

Native landscaping reduces pollution in our Rouge River watershed

Common pollutants

- *PFAS –the “forever chemical”*
- *Sewage overflows*
- *Fertilizer & pesticide runoff*
- *Street runoff*
 - *De-icing materials*
 - *Oil, fuel, transmission fluid, etc*

Green stormwater infrastructure: Building sustainable and resilient communities

Ruth Kline-Robach and Paige Filice, Michigan State University Extension - July 28, 2023

[Share](#) [Tweet](#) [Save](#) [Share](#) [Print](#) [Email](#)

Green stormwater infrastructure practices can protect waterways by reducing pollutants.



FERNDALE

[HOME](#) [GOVERNMENT](#) [RESIDENTS](#) [VISITORS](#)

RESOURCE:

Planned Natural Landscaping

Planned Natural Landscaping Benefits

MANAGES STORMWATER

Native landscapes provide better water infiltration by preventing stormwater from entering the City's combined water system. During heavy rains, stormwater enters the system and can combine with sanitary waste, which results in combined sewer water that can overflow downstream. This contaminates the water system, resulting in health risks to residents, infrastructure, and natural habitats. Green stormwater infrastructure provides better water infiltration to help prevent this. You can improve your stormwater management by



Huron
River
Watershed
Council

[Our Watershed](#) [What We Do](#)

Landscaping

[Take Action](#) [At Home](#) [Landscaping](#)

Discover the power of plants. Landscaping features like rain gardens, native plants, and trees catch and soak in polluted stormwater runoff.

Plants and trees that are native to Michigan boost your landscape's ability to absorb and infiltrate polluted runoff. Their deep, thirsty roots are much better at keeping water clean than the shallow roots of turf grass. Using native plants and trees in a rain garden amplifies their clean-water power even more.

Livonia could be part of the solution

- 665 species of Michigan plants, birds, mammals, reptiles, amphibians, fish, insects, & mollusks are known to be ***threatened, endangered, & special concern***.
- In Michigan, 46 plants & 10 animals are currently ***extinct or extirpated***.
(Michigan Natural Features Inventory 2006).



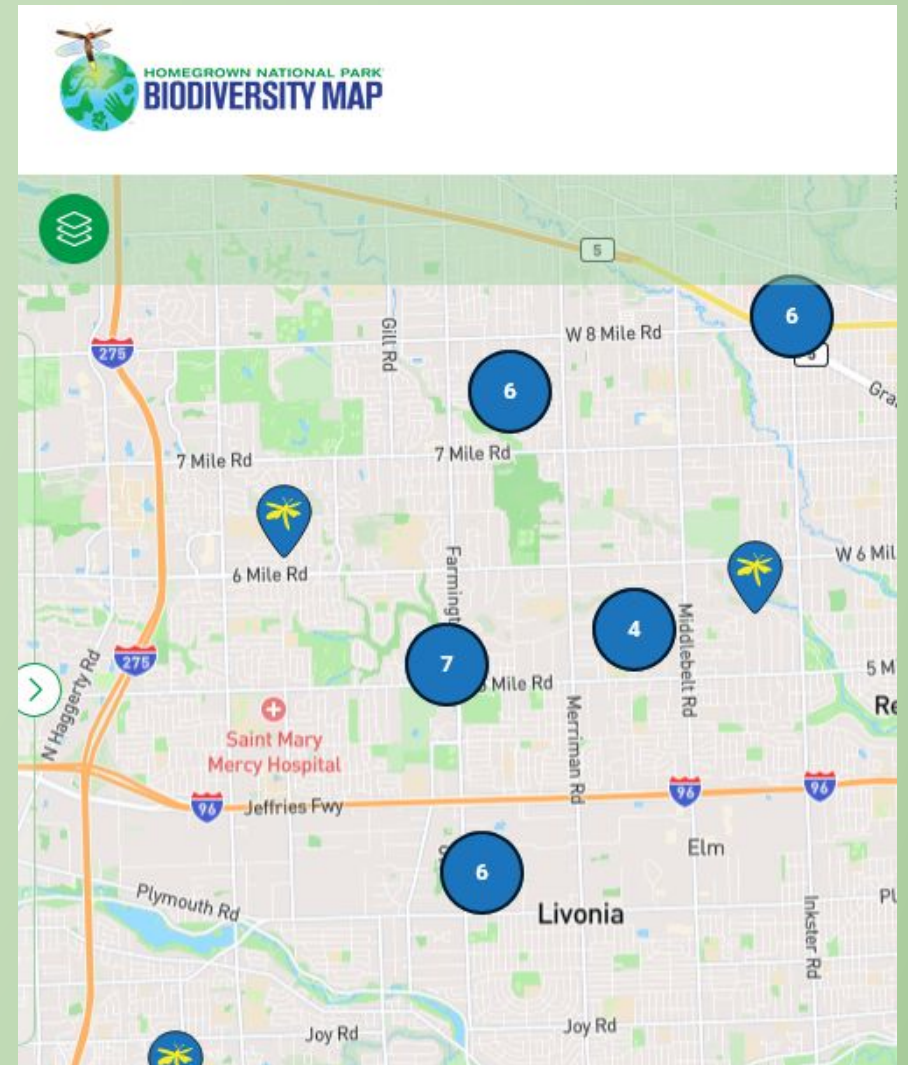
Photo: David Silsbee

Livonia could be part of the solution

“In the past, we have asked one thing of our gardens: that they be pretty. Now they have to support life, sequester carbon, feed pollinators, and manage water.”

“We can each make a measurable difference almost immediately.”

Doug Tallamy, author and co-founder of Homegrown National Parks



Livonia residents who have listed their native landscape on Doug Tallamy's Homegrown National Parks map

Livonia could be part of the solution by allowing residents to enjoy native/habitat landscaping in their own yards



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Why do animals and plants become endangered?

Although extinctions occur naturally, the current rate of plant and animal extinctions is much higher than the natural or historical rates. Habitat loss is the primary cause of higher extinction rates. Other causes include habitat changes, over-exploitation of wildlife for commercial purposes, the introduction of harmful nonnative species, pollution, and the spread of diseases.

How can Livonia adopt a Native Landscaping Ordinance?

Livonia would not need to rewrite the entire Noxious Weeds and Refuse Ordinance!



Adopting a Livonia Native Landscaping Ordinance

Step 1 - Adopt a version of the sample *Wild Ones Native Planting Ordinance*, which

- defines a ***Managed Natural Landscape (MNL)***
- establishes the setback requirement

MUNICIPALITY OF _____

ORDINANCE NO. 2023-

IN MUNICIPAL _____, 2023

NATIVE PLANTING ORDINANCE

Sec. 1. TITLE.

This chapter shall be known and may be cited as "Municipality of _____ Landscape Ordinance Promoting the Use of Appropriate Native Vegetation."

Sec. 9. MANAGED NATURAL LANDSCAPE.

An owner, authorized agent, or authorized occupant of any privately owned lands or premises may, consistent with this subsection and all other applicable laws, statutes, rules, and ordinances, install and maintain a managed natural landscape.

Managed Natural Landscapes shall not include any plant identified by any applicable government agency as a noxious weed. Managed natural landscapes may include plants and grasses of any height and which have gone to seed. Managed natural landscapes shall not include plants that, due to location and/or manner of growth, constitute a hazard to the public.

Sec. 10. MANAGED LANDSCAPE SET BACK.

The managed landscape must be set back from property lines by at least _____ feet. The setback is not required where the defined landscape area abuts another similar private or public landscape area, a wetland, pond, lake, or stream or if a fully opaque fence at least four feet in height is installed along the lot line adjoining the planned landscape area.

Adopting a Livonia Native Landscaping Ordinance

Step 2 - Make a few line edits
to add references to **Managed
Natural Landscapes**,
wherever necessary

8.40.050 - Removal of other weeds, grass, brush, deleterious, unhealthful growths and refuse and debris required.

A.

It is unlawful for the owner or occupant, or any person having control or management of any lot, place, area or parcel of land within the city, to permit or allow the presence thereon or in the unpaved portion of any public right-of-way immediately adjacent thereto of weeds, grass, brush or deleterious, unhealthful growths of any species or variety exceeding a height of nine (9) inches above ground level (except in a "Managed Natural Landscape" (as defined in Sec. 3(h) of Ordinance No. ... , the "Native Planting Ordinance") where native plants in excess of 9 inches are permitted), or any refuse or debris, and the same are declared to be a public nuisance. It shall be the duty of every owner or occupant, or every person in charge of such property upon which any of the abovementioned weeds, grass, brush, deleterious, unhealthful growths or refuse or debris are permitted to remain, to cause the same to be cut down, destroyed or removed, in the same manner and within the time provided in Section [8.40.040](#), or as more often as may be necessary.

B.

Adopting a Livonia Native Landscaping Ordinance

Step 3 - To define noxious weeds, refer to the species listed here

- [Michigan.gov Invasive Species List](#)
- [MDARD Prohibited and Restricted Weeds](#)
- [Midwest Invasive Species Information Network](#)

 Michigan Invasive Species

Identify and ReportTake ActionLawsState ResponseEducation & OutreachMeet

Invasive Species: Plants

 > Identify and Report > Plants

Invasive Plants



Aquatic



Prohibited and Restricted Weeds

Michigan laws regulate the possession and sale of certain plant species which are considered undesirable from agricultural as well as environmental viewpoints. These unwanted species are listed below according to the applicable laws and regulations.

A. Prohibited Plant Species (Natural Resources and Environmental Protection Act Part 413 (Act 451 of 1994, as amended))

Any of the following plants, fragments, seeds or a hybrid or genetically engineered variant thereof, including plants labeled under an older scientific name (synonym):

Scientific Name
Cabomba caroliniana
Cylindrospermopsis
Egeria densa (synonym)

 **MISIN** Midwest Invasive Species Information Network

HOMEABOUTREPORTEXPLOREPROJECTSSTATESTOOLSHelp

Canada thistle (Cirsium arvense)

Common Names: Creeping thistle, Field thistle, Californian thistle

Description: This species is listed under Regulation No. 715 - Seed Law Implementation as a prohibited noxious weed by the Michigan Department of Agriculture. Canada thistle was introduced to North America from Europe in the early 1600s.

Habit: Perennial, rhizomatous thistle ranging in height from 0.6-1.5 m (2-5 ft), forms large monocultures.



**Westland has
adopted a very
simple native
landscaping
ordinance**

ARTICLE IV. - WEEDS[1]

Sec. 106-91. - Definitions.

Noxious weeds means all species identified in the State of Michigan's noxious weeds definition, and the restricted noxious weed list available from the Michigan Department of Agriculture and Rural Development, as established under Act 329 of 1965; provided however, this term shall not include native prairie and plant habitats cultivated and maintained on private property by the property owner.

Other neighboring communities have also adopted native plant support or ordinances

- Ferndale
- Southfield
- Warren
- State of Minnesota

ARTICLE III. - PLANNED NATURAL LANDSCAPING AREA^[2]

State Law reference— MCL 117.4q.

Footnotes:

--- (2) ---

Cross reference— Garbage and rubbish, Ch. 16; International Property Maintenance Code sections 302, 308, and 309 as a maintenance generally, Ch. 28; and Zoning generally, Appendix A.

Sec. 38-19. - Purpose.

The purpose of this article is to encourage property owners to plant and planting **native** plants reduces greenhouse gasses and pollution, reduces water usage, saves money on watering, reduces soil erosion, decreases the need for pesticides, and the potential of sewer overflow and basement flooding.

(Ord. No. 80-745, 11-22-16)

Sec. 38-20. - Goals.

The city will strive to plant **native** plants, greatly reduce mowed turf grass, and encourage property owners to do the same. The city will work toward creating a thirty (30) percent **native** plant landscape.

(Ord. No. 80-745, 11-22-16)

Sec. 38-21. - Planned natural landscaping area requirements.

(a) Property owner.

(1) Register.

(2) Erosion.

Focus on New Laws: Managed Natural and Native Landscaping Permitted in Cities



July 7, 2023

Cities must now allow managed natural landscaping to be installed and maintained on all parcels.

Effective July 1, 2023, municipalities are required to allow property owners and occupants to install and maintain managed natural landscapes.

Chapter 62 (HF 1830*/SF 1426) is the omnibus state government finance bill that was signed into law on May 24, 2023. Article 3, section 9 creates a new provision of law as Minnesota Statutes, section 412.925:

- Subpoint (a) requires all statutory cities or home rule charter cities to allow an owner, authorized agent, or authorized occupant of any privately owned lands or premises to install and maintain a managed natural landscape and defines a number of associated.

Managed natural landscape defined

"Managed natural landscape" is defined as a planned, intentional, and maintained planting of native or nonnative grasses, wildflowers, forbs, ferns, shrubs, or trees, including but not limited to rain gardens, meadow vegetation, and ornamental plants. Managed natural landscapes does not include turf-grass lawns left unattended for the purpose of returning to a natural state.

The bill permits landowners to maintain managed natural landscapes in excess of 8 inches in height. However, weeds or grasses that are growing on land in a city, are taller than 8 inches, have gone to seed, and are not a part of a managed natural landscape are prohibited. The law went into effect July 1, 2023, and supersedes any local regulations requiring residents to maintain a managed turf-grass lawn.

Search

HOME GOVERNMENT RESIDENTS

RESOURCE:

Planned Natural Landscaping

Native plants benefit and support local birds and wildlife. Natural landscaping creates ideal conditions for hummingbirds, honeybees, and butterflies—all of which are extremely beneficial to our ecosystem and are currently in decline nationwide. There are many benefits to planned natural landscaping. Once established, native plants require little watering and upkeep and tend to resist insects. Homeowners can expect to save on costs associated with traditional lawns—watering, fertilizing, mowing, etc. Learn about how to incorporate native landscaping into your yard.

Register Your Yard →

Planned Natural Landscaping Benefits

REDUCES COST AND MAINTENANCE

Efficient and self-sufficient. Once established, native plants are low-maintenance. As a result, these plantings can save up to 90% of the costs of traditional lawns by requiring less labor, water, fertilizer, pesticides,

Local resources for Livonia in adopting a native landscaping ordinance

- Friends of the Rouge supports green stormwater infrastructure and native landscaping through education and grant-funded projects
- Wild Ones provides a *Sample Native Plant Ordinance* to support municipalities
- Livonia Native Landscaping Ordinance Team members Rosina Newton, Bob Hauser, and Evan Rosin



Photo Credit: Plymouth Pollinators

Examples of beautiful local native landscapes



Photo: Wayne State Native Garden, by Michelle S.



Photo: Michelle S. with her Wayne State Garden



Photo: Plymouth Pollinators Monarch
Waystation



Photo: Livonia Resident, Ted H.

A photograph of a well-maintained garden. In the foreground, there's a grassy area with a black garden lamp. Behind it, a variety of plants and flowers are visible, including pink daisies, purple flowers, and tall white grasses. The background is filled with dense green foliage and trees.

Thank you! Questions?

Livonia Native Landscaping Ordinance Team Members

Contact us with any
questions

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evan.rosin@gmail.com

Cyndi Ross

Annie Sarazin

David Waxer

winner in the 2023 Detroit News
Homestyle garden photo contest!

NEW DATA RECEIVED FOR THE LAW AND EDUCATION
COMMITTEE MEETING OF DECEMBER 4, 2024

From: [Rosina N](#)
To: [McCullough, Brandon](#); [Budzinski, Carrie](#); [Donovic, Rob](#); [Morgan, Scott](#); [Kasprowicz, Sara](#)
Cc: [Rosina N](#); [Bob Hauser](#); [Evan Rosin](#); [Cyndi Ross](#); [David Waxer ICE](#); [Anne Sarazin](#)
Subject: Resolution #308-24, Additional Materials
Date: Monday, December 2, 2024 8:11:14 AM
Attachments: [ASLA 5 Reasons Native Plants Help You Save Money and the Planet.pdf](#)
[GSI-Impact-on-Property-Values.pdf](#)
[Michigan prohibited and restricted weeds.pdf](#)
[Native Landscaping Ordinance Minnesota Examples.pdf](#)
[Native Landscaping Ordinance United States Examples.pdf](#)
[Native Landscaping Ordinance Wild Ones Sample.pdf](#)
[MSU GSI Building sustainable and resilient communities.pdf](#)
[NCS letter of support.pdf](#)
[Livonia MS4 Stormwater Discharge Application 2016.pdf](#)

Dear Livonia City Council

President Brandon McCullough, Members Carrie Budzinski, Rob Gjonaj
Donovic, and Scott Morgan

Enclosed please find additional supportive resource documents for the
December 4th meeting.

Thank you!

Sincerely,
Livonia Native Landscape Ordinance Team

Rosina Newton, resident and *Friends of the Rouge* staff
Bob Hauser, resident and *Wayne County Wild Ones* vice president
Evan Rosin, Wayne Co. Conservation District
Cyndi Ross, resident and *Friends of the Rouge* manager
Annie Sarazin, resident
David Waxer, resident



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Menu

Residential Design

5 REASONS NATIVE PLANTS HELP YOU SAVE MONEY AND THE PLANET



2008 ASLA Honor Award, Residential Design Category, Beach House, Dirtworks / image: Dirtworks

1. Native plants are healthier and stronger. Plants native to an area are more likely to establish quickly and will naturally be hardy and healthy. Native plants have evolved over thousands of years, learning to thrive in particular areas—they grow in harmony with the environment, the soil, the water supply, the varying weather throughout all the seasons, and other native companions. Their root systems are deep, sometimes up to 15 feet, and acclimated to the soil, be it clay or sand, and average precipitation, whether it is high or low. Their stems and leaves can handle harsh sun or buffeting winds, for example, if that is the nature of the local environment. They are also part of a larger natural ecosystem.



2014 ASLA Honor Award, Residential Design Category, Hill Country Prospect, Studio Outside Landscape Architects / image: Arlen Kennedy Photography and Robert Reck Photography

2. Native plants create wildlife habitat in your backyard. When native plants thrive in their original environment, they create a natural habitat for wildlife that is both beneficial to the environment and adds life to your outdoor space. We think of the obvious pollinators, like bees, birds, and butterflies, but these plants can also help create homes for small animals, warm and cold-blooded, and microscopic organisms in the soil. All these living things have jobs to do; the natural environment promotes a symbiotic relationship.



2013 ASLA Honor Award, Residential Design Category, Maple Hill Residence by Stephen Stimson Associates Landscape Architects / image: Charles Mayer Photography

3. Native plants help the environment. Native plants also have other benefits. They require much less watering, fertilizer, and pesticides. In fact, they can prevent water run-off and improve air quality. Native plants can help decrease pollution because they eliminate the need for mowers and other equipment. Native plants have the ability to pull and store excess carbon.



2013 ASLA Honor Award, Residential Design Category, Sonoma Retreat by Aidlin Darling / image: Bruce Damonte

4. Native plants are low maintenance. The long-term upkeep of native plants can be dramatically less costly than turf grass, as well as take less time. The [EPA](#) cites a study of larger properties that estimates that over a 20-year period, the cumulative cost of maintaining a prairie or a wetland totals \$3,000 per acre versus \$20,000 per acre for non-native turf grasses.



2013 ASLA Honor Award, Residential Design Category, Recovered Modernism: A Landscape Matrix Enriches a Dallas Hacienda
by Reed Hilderbrand LLC / image: Alan Ward

5. Native plants add splendor to your landscape. Your native garden can be a sculpted formal space designed with harmony, unity, and interest. Native plants provide a wealth of colors, textures, varying heights, and bloom times, resulting in a stunning display over multiple seasons.



ASLA 2011 Honor Award, Residential Design Category, Carnegie Hill House by Nelson Byrd Woltz Landscape Architects /
image: Eric Piasecki



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GREEN STORMWATER INFRASTRUCTURE IMPACT ON PROPERTY VALUES



photo credit: Philadelphia Water Department

SUMMARY

Green stormwater infrastructure (GSI), such as rain gardens, swales and porous pavement allows us to use natural systems to control stormwater and urban flooding. GSI brings dozens of benefits to neighborhoods that traditional “gray” stormwater infrastructure does not, including places to play, habitats for other species, and cooling on hot days.

This report shows that GSI also adds value to homes. The Center for Neighborhood Technology (CNT) worked with SB Friedman Development Advisors to model the impact of GSI installations, such as rain gardens and swales, on property sales data in two cities and found statistically significant higher sales prices of homes near GSI. These findings add to a growing body of research that shows that nature-based solutions to stormwater management provide many benefits in addition to flood control.



photo credit: NACTO

What we found:

- **Doubling the square footage of rain gardens, swales, planters, or pervious pavement near a home is associated with a 0.28% to 0.78% higher home sale value, on average.¹**

What this means:

- A homeowner with a \$250,000 home could see an increase of \$700 to \$1,950 in home sales value with a doubling of nearby GSI.
- Property value benefits can be part of funding and financing plans for GSI. If the impact we found holds at scale, a community of 10,000 homes could see \$7 million to \$20 million in value created by doubling the size of GSI near each home.
- However, property value increases can create housing insecurity for renters, seniors and other residents. Communities must take pre-emptive action to address any potential displacement risk or financial stress caused by GSI's impacts on home values.

1. Findings are % change in residential sales price per 100% increase of square footage of GSI within a 250-foot buffer of the home.

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IMPORTANCE OF GSI AND PROPERTY VALUES



Stormwater management is critical to community resilience needs as we face the impacts of a changing climate, including more frequent and stronger storms. Asphalt and concrete that prevents rainwater from soaking into the ground leads to urban flooding. Better performing solutions, such as swales and pervious pavement, allow stormwater to infiltrate into the ground instead of flowing into streets and homes. We know that adapting our communities to prevent flooding will save money when storms hit. What the Center for Neighborhood Technology (CNT) and SB Friedman Development Advisors (SB Friedman)'s new research shows is that Green Stormwater Infrastructure (GSI) is also associated with higher property sales prices that create value for residents even during blue skies.

The benefits of trees and parks to property values have been well documented and are already considered in home appraisals and purchase decisions, but newer types of GSI, such as swales and rain gardens, have been less well documented. Accounting for the full economic benefit of GSI is essential to increasing the scale at which it is used as an infrastructure solution. As communities calculate the lifecycle costs and benefits of GSI they can now include a property value benefit based on this research.

This paper documents our research findings on GSI and property values and their implications for communities in terms of GSI finance and preventing household displacement. This research adds to the suite of tools and information CNT provides on GSI benefits, including:

- [Green Values Calculator](#) (coming December, 2020), which includes these latest findings on property value impacts in an interactive online tool.
- [Green Values Strategy Guide](#) (2020), which provides information on how to document other health, economic, climate and transportation benefits of GSI.
- [Increasing Funding and Financing Options for Sustainable Stormwater Infrastructure](#) (2020), which lays out funding and financing models, including lessons learned from the energy and transportation sectors.

IMPACTS OF GSI ON PROPERTY VALUES

We used geocoded data from Seattle and Philadelphia on GSI installations along with real estate sales data to assess the impacts of GSI on property values. Our hedonic pricing model controls for other factors affecting home sales price, including property characteristics like number of bedrooms, location characteristics like distance to transit, and season of sale, to isolate the impact of GSI on home sales price. The following describes our findings for four groups of GSI types.

Rain Gardens, Swales and Planters

Rain gardens, swales and planters are quintessential applications of distributed GSI that are typically vegetated and allow stormwater to infiltrate into the ground. Their stormwater control impacts are well documented, but they also provide aesthetic appeal and other benefits that may impact property values.

What we found

In Seattle and Philadelphia, we found that a 100% increase in square footage of rain gardens, swales or planters within 250 feet of a home is associated with a **0.38% to 0.69%** higher residential sale price.

What this means

That implies that going from 100 square feet to 200 square feet of rain gardens or swales could create \$950 to \$1,725 in additional value for a \$250,000 home.



photo credit: Leonel Ponce on Flickr

Stormwater planter, Philadelphia.

Pervious Pavement

Pervious pavements are materials that allow stormwater to infiltrate sidewalks, driveways or even some roads. Depending on the material and design, pervious pavement may incorporate vegetation or look similar to traditional pavement, but its stormwater management performance is significantly better.

What we found

In Seattle and Philadelphia, we found that a 100% increase in square footage of pervious pavement within 250 feet of a home is associated with a **0.28% to 0.78%** higher residential sale price.

What this means

That implies that going from 100 square feet to 200 square feet of pervious pavement could create \$700 to \$1,950 in additional value for a \$250,000 home.



Pervious pavement

Wetlands, Basins and Trenches

Wetlands, Basins and Trenches are larger-scale stormwater management forms typically designed for stormwater detention, although they may also allow infiltration. These GSI types can be designed to provide aesthetic or recreational value to a community or have relatively utilitarian design features.

- In Philadelphia, the relationship between wetlands, basins, trenches and home sales prices was not as strong as it was for other GSI types. We found that a 100% increase in square footage of wetlands, basins or trenches within 250 feet of a home was associated with a **0.23%** higher residential sale price when controlling for homeownership in the census tract at a 0.1 level of statistical significance. We did not find any statistically significant relationship when controlling for education or poverty rates in the census tract.
- In Seattle, there were only 9 wetlands, 2 basins and no trenches in our data, which may be why we did not find a statistically significant relationship with these GSI types and home sales prices in Seattle.



photo credit: Christopher B. Hoffman Landscape Architect

Green Roofs and Cisterns

Green roofs and cisterns retain and reduce runoff. Green roofs can also be designed for recreation or urban agriculture. The economic benefits of green roofs to commercial building owners, rental property owners and more are well documented in the literature (see Bibliography). However, our findings in Philadelphia showed a negative correlation with residential sales values and the Green Roofs and Cistern GSI types. We hypothesize that this negative correlation may be because green roofs and cisterns in Philadelphia are often on commercial properties.² Therefore, the residential home sales near these green roofs and cisterns in our dataset may be impacted by lack of residential neighborhood amenities, commercial operations or other factors that are not captured in our model. This is an area worthy of further research.

- We found that a 100% increase in square footage of green roofs and cisterns within 250 feet of a home is associated with a **-0.61% to -1.5%** lower residential sale price. However, as described above, we hypothesize that this value may not be representative of residential green roofs and recommend caution in using this finding. See the bibliography for additional research on green roof impacts.
- In Seattle, there was only one green roof in our data, and that sample was too small to find meaningful results.



photo credit: areedle on Flickr

Green roof on the 17th floor of the Russell Investments Center in Seattle

2. Philadelphia offers a business tax credit of up to 50% for green roofs, which is a significant incentive for commercial installation. The city also has a grant program for non-residential stormwater projects, and commercial developments face stormwater requirements that can be met in part with green roofs and cisterns. As a result, there are grocery stores, office buildings, hospitals, and other non-residential facilities with green roofs throughout the city. These are a great benefit to the city's stormwater management needs and provide many co-benefits, including heat island mitigation.

See also: City of Philadelphia. "Green Roof Tax Credit." Accessed October 2020. <https://www.phila.gov/services/payments-assistance-taxes/tax-credits/green-roof-tax-credit/>

City of Philadelphia, Philadelphia Water Department. "Stormwater Grants, Application Guide. Vol 2.0." December 2019. <https://www.phila.gov/water/wu/Stormwater%20Grant%20Resources/StormwaterGrantsManual.pdf>

IMPLICATIONS FOR FUNDING AND FINANCING GSI

Overall, the findings that rain gardens, swales, planters and pervious pavement are associated with higher home sales prices is evidence of their value creation. This additional value can play a role in funding and financing green infrastructure installation by individual property owners, municipalities or stormwater utilities.

As with most infrastructure investment, the capital cost of GSI must occur before its stormwater management benefits or its impact on property values can be realized. Communities use a variety of financing mechanisms to address this gap between investment and return. The research presented in this paper shows statistically significant evidence of residential value creation that can be leveraged to fund GSI, such as through special service districts or tax increment financing-like tools.

Special Service Districts

Special service districts—also called special assessments, Local Improvement Districts, or other names depending on where they are implemented—are distinct areas in a city that choose to invest in additional amenities or infrastructure and pay for the increased service over time through an added tax or fee on real property. One example is a business improvement district that elects to add benches, public recycling bins, wayfinding signs and other amenities for tourists.

In the context of GSI, managing stormwater at the neighborhood-scale with GSI could be financed through a special service district and paid back over time with an assessment to property owners. Knowing that GSI may add 0.28% to 0.78% to their home sales price may make property owners more likely to participate.

Tax Increment Financing

In communities that regularly re-assess properties, our findings that GSI is associated with a 0.28% to 0.78% higher home sales price may mean the presence of GSI is increasing the property tax base. This also indicates there will likely be property tax growth following GSI investment. Tax Increment Financing (TIF) and other TIF-like structures use future tax growth like that to fund infrastructure investment.

Our findings mean GSI could be installed in a neighborhood and paid for, at least in part, over time using the increased property tax that it generates. To make a full TIF worthwhile, including financing costs and other associated expenses, distributed GSI like we are describing in this research would likely need to be part of a broader community development or climate resilience infrastructure package.

Consider a city block with 20 homes. If each home were worth \$250,000 today, our findings show that doubling the GSI on that block could mean those homes sell for \$700 to \$1,950 more. If that is incorporated into their tax assessments each home would generate \$21 to \$59 in additional property taxes annually at a 3% tax rate—or \$8,000 to \$23,000 total for the block over the next 20 years. That value could be used to help pay for the capital cost of the GSI or to fund ongoing GSI maintenance to ensure the installations continue to provide value.

A specific TIF may not be necessary to create this kind of value capture, and the relatively modest benefits of distributed GSI alone may not warrant a stand-alone value capture mechanism. However, the evidence of increased property value associated with GSI could make it easier to use non-TIF financing tools that are paid back through municipal general funds. These mechanisms can also be used to meet other community needs and address displacement risk, as discussed in the next section of this report.

In areas with new development, these property value findings can make the case for exploring additional GSI development fees to create neighborhoods that are resilient in the face of a changing climate.

CNT's report [Increasing Funding and Financing Options for Sustainable Stormwater Infrastructure](#) (2020), lays out funding and financing models for GSI, including lessons learned from the energy and transportation sectors. Value capture has been used with Transit Oriented Development in recent years and may serve as a model for GSI financing.

GSi AND ANTI-DISPLACEMENT STRATEGIES

The findings of this research on the property value benefits of GSI poses a challenge:

- **On the one hand**, the many benefits of GSI make it an even better financial investment than if it only mitigated flooding. This can increase the range of funding and financing available for GSI installations in flood-prone neighborhoods, which is important as we face climate-change-driven storms and flooding.
- **On the other hand**, in a time when housing costs are stretching families to the brink, anything that might increase those costs is a risk to communities unless specific steps are taken to prevent displacement.

This section looks at strategies that can be used together with GSI to improve housing security and financial security for neighborhood residents. This is a crucial consideration and must be brought to the forefront in any community before GSI planning and financing are underway. Consider this statement from the University of Minnesota's CREATE Initiative on the interactions between green investments and other systems:

“What green gentrification shows us is that sustainability policies must be viewed within their political and social context. Green investments interact with an economic system that incentivizes property speculation, private profit, and growth. Any reference to environmental justice without a sincere consideration for who will benefit from green investments in a context of privilege and power is merely an appropriation of the movement.”³

Flooding, housing and stormwater infrastructure are intertwined in many ways. As we have paved over our communities the water has nowhere else to go and finds its way into homes. Urban flooding can damage homes, destroy furnishings, and create unhealthy conditions as dampness leads to mold.

The environmental injustices that have been placed on frontline communities, especially Black and Latinx residents, have been compounded by a lack of infrastructure investment. Climate change is making these disparities even worse. As we seek to address the very real problem of urban flooding, we cannot do it in a way that puts residents at risk of displacement.

Groundwork USA's Climate Safe Neighborhoods shows how flooding, impervious surfaces, lack of trees and high heat relates to historical redlining housing discrimination in cities. The areas suffering from urban flooding and lacking green infrastructure today are often the same areas that were “redlined” and denied federal home loans because they had large numbers of immigrants and residents of color.

The red outlined areas in the maps of Richmond, VA below were determined to be the “riskiest” investment areas for federal homeownership dollars in the 1930's. Today the areas with the most impervious surface (dark gray areas on left map), least tree cover (white areas in center map), and highest temperatures (orange/red areas in right map) align closely with those redlined areas.⁴ This makes the need for GSI and climate resilience action all the more important.

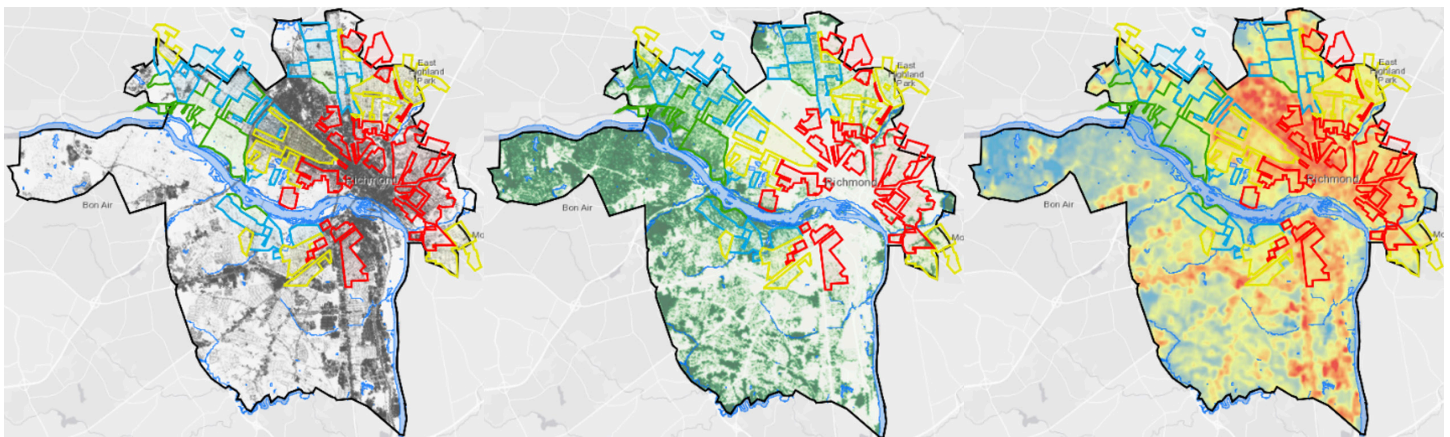


Figure 2. Historical Redlining and Current Impervious Surface (left), Tree Cover (center), and Temperatures (right) in Richmond, VA. Source: Groundwork USA <https://groundworkusa.org/climate-safe-neighborhoods/>

3. University of Minnesota, CREATE Initiative, “Green Gentrification,” May 2019.

<https://canvas.umn.edu/courses/136810/files/8231845/download> For more tools and information from the CREATE Initiative see <https://create.umn.edu/>

4. Groundwork USA, “Climate Safe Neighborhoods,” 2019 <https://groundworkusa.org/climate-safe-neighborhoods/>

There is a great deal of discussion among scholars and practitioners about the definitions of gentrification and displacement. While it is true that increased neighborhood wealth need not lead to displacement, without careful planning and intent it *can* and *does*. Dr. Devin Michelle Bunten describes the interconnections as follows:

“Gentrification is the territorial expansion of a wealthy community into a disinvested neighborhood, the installation of the social and legal regimes of the newcomers, and the deployment of new physical capital, both on a small scale—by homeowners undertaking renovations—and on a larger scale, by landed capitalists and public-sector officials keen to raise revenue. It is the disruption and displacement of the original residents and their spatially realized social networks.”⁵

Investment without Displacement

So, how do we encourage the investment needed in communities to fight flooding without putting existing residents at risk of displacement? The best practices around the country look at GSI as part of a suite of actions that are neighborhood-driven. GSI is not treated as a stand-alone activity that is unrelated from other neighborhood needs. In that spirit this paper includes strategies that are not purely GSI-related but will help stabilize neighborhoods and ensure residents are able to receive the benefits of GSI investment.

Too often parks, greenspace and other green investments have come to a neighborhood from outside and created consequences that, while likely unintentional, cause real harm: residents reporting feeling excluded from their own landscape, the alienation of culturally-illiterate urban design, investment dollars and jobs that flow to outside contractors, housing and community instability as higher-wealth entities are drawn to the neighborhood, and frustrations as other basic neighborhood needs remain unmet.⁶

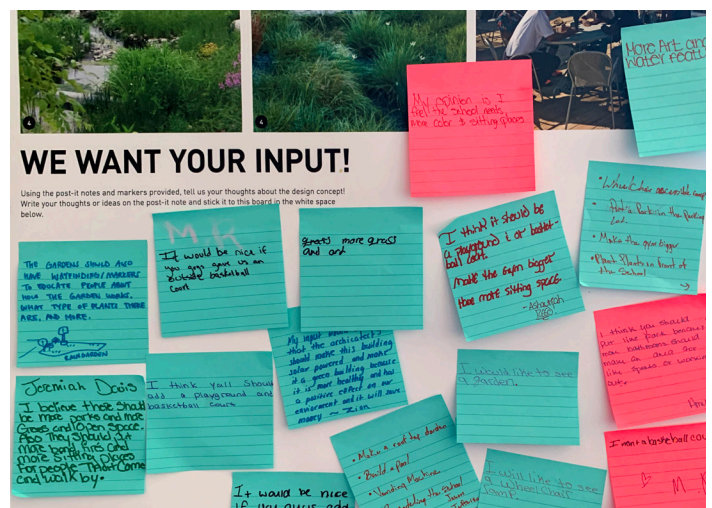
Addressing more than one issue at a time might seem like a high bar to clear in a community that is struggling for GSI funds alone, but we live in an era of disruption from climate change and we recognize that every action we take must lead to racial justice, so it is no longer viable to solve for one problem in a vacuum. We must start working smarter and our investment choices need to have multiple measures of impact.

The good news is that our findings show that a dispersed set of GSI strategies on public and private property can add to home values, but we did not find that rain gardens, swales, planters or pervious pavement cause home prices to skyrocket. While the impacts of well-known large-scale green investments, such as the High Line in New York or the 606 in Chicago have been large,⁷ rain gardens, swales, porous pavement and other stormwater strategies can be implemented in meaningful ways without the same degree of shock to a neighborhood.

This is not to dismiss the many benefits of these GSI strategies, but to say that with some careful planning the benefits can be realized while minimizing negative impacts. The strategies we highlight here to do that include community planning, community ownership, renters rights, affordable housing, job creation, value capture, and equity-focused program design. This is not a comprehensive list, and we expect knowledge of successful strategies to grow over time as communities approach GSI as part of comprehensive, neighborhood-driven climate resilience.

Community Planning

A commitment to GSI investment without displacement must begin with meaningful engagement of communities from day one and throughout the process of identifying needs, setting priorities, design, implementation and beyond. A good starting point is to create common ground on investment principles. As an example in the housing and infrastructure policy field, California-based ClimatePlan has done this with a multi-stakeholder platform agreed to by 20 organizations.⁸



5. Devin Michelle Buntin, "Untangling the Housing Shortage and Gentrification," *CityLab*, October 23, 2019, <https://www.citylab.com/perspective/2019/10/neighborhood-gentrification-affordable-housing-california/598135/>

6. For example, see: Pendarvis Harshaw, "Do Parks Push People Out?" *Bay Nature*, October 1, 2018, <https://baynature.org/article/do-parks-push-people-out/>

7. Institute for Housing Studies at DePaul University. "Measuring the Impact of the 606: Understanding How a Large Public Investment Impacted the Surrounding Housing Market." 2016. https://www.housingstudies.org/media/filer_public/2016/10/31/hs_measuring_the_impact_of_the_606.pdf

8. "ClimatePlan's Commitment to Investment without Displacement." 2019.
https://h3n8a8nrc7vbmxc.cloudfront.net/climateplan/pages/348/attachments/original/1554421571/ClimatePlan's_Compmitment_to_Investment_without_Displacement_442019.pdf?15544421571



GSI planning at the Overton Campus near Bronzeville, Chicago developed a plant voting board for the rain garden to collect feedback on the types of plants and gathering space amenities folks wanted to see at the site.

If there are essential community needs—such as inability to pay utility bills, food insecurity, or community safety—the planning process should make space for incorporating those in a real way. GSI that reduces a street’s flooding problem can also be designed to mitigate public health emergencies from high heat days. This is not to say that a community has to solve all of its problems at once, but rather that resilience planning can’t leave urgent needs off the planning table.

Identifying needs can also create opportunities to involve other entities that might not usually be involved in stormwater discussions, such as energy utilities or affordable housing agencies, that might bring creative solutions—and additional funding—to solve multiple problems at once. An example might be a comprehensive housing rehabilitation strategy to address flooding, install GSI, improve energy efficiency and mitigate health hazards like mold all together instead of through 3-4 separate programs.

In addition to identifying needs and setting community priorities, planning should include developing agreed-upon performance standards and metrics. Is there agreement on the existing conditions and the forces affecting the community today? Does everyone have the information they need to make informed decisions? Are there

investments that would be “green enough” and meet the resilience needs of the community without signaling gentrification? How will the community track and score equity impacts over time? How will the city or utility respond if maintenance of GSI declines? Though often used for larger-scale investments, Community Benefits Agreements (CBAs) can be a tool for documenting commitments to a community in a binding way.⁹ Additionally, community-based participatory research (CBPR) is a useful framework for partnering on data collection, analysis, and benchmarking.

Another element of community planning is incorporating the cultural aspects of the existing neighborhood in GSI. Are there cultural touchstones that would continue to give the community a sense of belonging as GSI is added?¹⁰

Community Ownership

There are several aspects of “ownership” to consider as part of GSI investment planning. The first is the ownership of the vision and goals, which should be addressed through meaningful community-based planning as discussed previously. The second is ownership of the benefits created by GSI. If GSI is adding financial value to a neighborhood, how are existing residents accessing that?¹¹

9. PolicyLink. All In Cities. “Community Benefits Agreements.” <https://allincities.org/toolkit/community-benefits-agreements>

10. See examples of several Chicago sites that combine art, culture and green infrastructure at: <https://www.cnt.org/blog/public-art-installations-meet-green-stormwater-infrastructure>

11. For a good discussion of policy options see: Anna Cash and Miriam Zuk. “Investment Without Displacement: From Slogan to Strategy.” *Shelterforce*. June 21, 2019. <https://shelterforce.org/2019/06/21/investment-without-displacement-from-slogan-to-strategy>

For current owners, an example might be a property tax freeze or credit for seniors and fixed income households to prevent them from facing housing insecurity due to property value increases.

Another example is improving housing security and ownership for existing residents through the transition of rental property to ownership models through cooperatives or land trusts. Land trusts discourage speculation and improve home ownership opportunities by holding land in trust and separating land value from the value of the structure on it.¹²

The financial benefits of green investment could also be channeled into investments prioritized by existing community members and managed by community organizations, such as a community development corporation. Once established, this can be a common platform for multiple types of investment, such as if the community chooses to pursue affordable housing development or community solar investment. The financing tools discussed in the previous section of this report could also be part of this structure.

Renters Rights and Affordable Housing

Renters are often most at risk for displacement as investment occurs in neighborhoods. The article, “Investment Without Displacement: From Slogan to Strategy,” outlines many good examples for addressing renter needs.¹³ These interventions can range from voluntary to regulatory. Strategies like code enforcement can ensure rental homes are safe and meeting resident needs. Enabling renters to act through tenants unions, a renters bill of rights, or legal assistance can also be powerful. Stronger tools may be necessary to permanently protect existing residents from the tides of investment, gentrification and displacement. These can include rent control, acquisition of naturally affordable housing by a non-profit affordable housing provider, inclusionary zoning, or the development of new subsidized housing.

Consideration should also be given to the commercial renters in the neighborhood. Legacy businesses essential to community culture or those affordably meeting existing resident needs may need the same type of protections as renter households.

Portland’s Living Cully is an example of combining affordable housing needs with green infrastructure. In 2018, a 25-acre park was created in the neighborhood,

but new affordable housing was created at the same time.¹⁴ Job training, local hiring and the inclusion of local priorities, such as a new commercial kitchen and day care center in the development are all part of the neighborhood coalition’s comprehensive approach.

Job Creation

GSI investment creates near-term cash flows for the workers and companies that design, install and maintain it. Directing those funds to the community can add to local economic stability. For example, job training that begins long before shovels hit the ground in the community—perhaps through paid apprenticeships at other GSI sites—can enable residents to be hired to build their community’s GSI. Local sources of materials and contracts for the GSI can support community businesses and entrepreneurship. If GSI is going to require long-term maintenance, perhaps work with community members to create a business that can meet that need.

Consider, also, paying residents for their expertise throughout the process—including during the planning phase. This has the benefit of creating a team of equals, rather than community volunteers and paid staff and consultants from the city or utility, which can result in better projects and a greater long-term sense of ownership and personal investment in success.

The individual strategies listed here are unlikely to prevent displacement from occurring as property values rise on their own. But several of them together, as part of a comprehensive strategy that starts even before GSI planning, have a real chance to create intentional neighborhood change that is beneficial to existing residents, rather than unintended changes that result in their displacement.

The remainder of this document further describes our research approach and findings of property value impacts associated with GSI investment. It is our intention that by incorporating these research findings with the anti-displacement strategies discussed above future GSI investment will channel its value creation toward both climate and economic resilience for existing residents.

12. Miriam Axel-Lute and Dana Hawkins-Simons. “Community Land Trusts Grown from Grassroots: Neighborhood Organizers Become Housing Developers.” Lincoln Land Institute. July 2015.
<https://www.lincolniinst.edu/publications/articles/community-land-trusts-grown-grassroots>

13. Anna Cash and Miriam Zuk. “Investment Without Displacement: From Slogan to Strategy.” *Shelterforce*. June 21, 2019..
<https://shelterforce.org/2019/06/21/investment-without-displacement-from-slogan-to-strategy/>

14. CNT. Urban Opportunity Agenda, Case Study, Living Cully, 2019.
<https://uoa.cnt.org/case-studies/living-cully/>

RESEARCH METHOD

City Selection

We compiled GSI project and program information into a matrix of 17 cities based on literature and partners in the field. We then began paring the list down based on several variables—1) Number of GSI installations in a city, to ensure we had a robust data sample; 2) GSI installations before 2015, so there has been time for GSI to potentially impact property sales; 3) Geospatial GSI data in a format we could match to property sales records; and 4) Accessible home sales data with detailed home attribute information. Using these criteria and conversations with our network of GSI experts we selected three cities for analysis—Philadelphia, PA; Seattle, WA; and Milwaukee, WI. Unfortunately, the Milwaukee GSI data were not ultimately a good match to the study design and home sales data, so this document presents findings for Philadelphia and Seattle. We have included a discussion of data in the “Areas for Further Research and Action” section later in this document.

GSI Typology

To facilitate modeling we grouped the GSI installations in each city into a set of four types based on their characteristics as follows:

- Group 1 includes swales, planters, rain gardens, and bumpouts, which are distributed forms of GSI that are typically vegetated, smaller in scale, and designed for stormwater infiltration.
- Group 2 includes wetlands, basins and trenches, which are larger-scale stormwater management forms typically designed for stormwater detention. Infiltration and storage trenches are included in this group, but trenches specifically designated as tree trenches were excluded, because the property value impact of trees is well documented and we wanted to examine the impacts of other GSI types.
- Group 3 includes only pervious pavement, which is a hard surface that allows stormwater to infiltrate.
- Group 4 includes green roofs and cisterns, which both reduce stormwater runoff.

Table 1 lists the GSI types included in this study by group along with counts of each type in the Philadelphia and Seattle data sets along with GSI definitions from Philadelphia’s GSI Planning and Design Manual.

Table 1. GSI Typology and Count of Installations in Philadelphia and Seattle

GSI Group	GSI Type	Philadelphia Count by Type (2019) ¹⁵	Seattle Count by Type (2019) ¹⁶	Definition ¹⁷
1	Swale	29	101	"A depressed channel designed to convey stormwater. It can be designed to attenuate and/or infiltrate runoff where feasible."
1	Planter	114	29	"A structure filled with soil media and planted with vegetation or trees. Designed to detain and release stormwater runoff and/or infiltrate where feasible. Planters often contain curb edging or fencing as barrier protection around the planter."
1	Rain Garden	544	14	"A shallow depressed area designed to detain and release stormwater runoff and/or infiltrate where feasible. Vegetated and non-mowed. May also be referred to as bio-infiltration basins and bio-retention basins."
1	Bumpout	28		"A vegetated curb extension that intercepts gutter flow. Designed to detain and release stormwater runoff and/or infiltrate where feasible."
2	Wetland	5	9	"A vegetated basin designed principally for pollutant removal. It typically holds runoff for periods longer than 72 hours and may include a permanent pool. Can also detain and release stormwater runoff."
2	Basin	130	2	"A depression that is vegetated with mowed grass. Designed to detain and release stormwater runoff and/or infiltrate where feasible."
2	Trench	1198		"A subsurface structure designed to detain and release stormwater runoff and/or infiltrate where feasible. Infiltration / storage trenches are frequently installed underneath of other SMP's such as rain gardens, planters, and bump-outs."
3	Pervious Pavement	345	37	"A hard permeable surface commonly composed of concrete, asphalt, or pavers. It is designed to detain and release stormwater runoff and/or infiltrate where feasible."
4	Green Roof	196	1	"A vegetated surface installed over a roof surface. Effective in reducing the volume and rate of stormwater runoff."
4	Cistern	17		"A tank or storage receptacle that captures and stores runoff and can thereby reduce runoff volume. The stored water may be used to serve a variety of non-potable water needs (e.g., irrigation)." May also include Rain Barrels.

15. GSI data from OpenDataPhilly as of 2019.

<https://www.opendataphilly.org/>

16. GSI data from City of Seattle Open Data Portal as of 2019.

<https://data.seattle.gov/>

17. City of Philadelphia, Philadelphia Water Department. "Green Stormwater Infrastructure Planning & Design Manual, Version 2.0, Appendix A.3." April 2018.

http://documents.philadelphiawater.org/gsi/GSI_Planning_and_Design_Manual.pdf

Model Development

Hedonic price modeling is a well-established type of statistical analysis that looks at the impact of a particular factor—in this case GSI—on home sales prices while holding other factors constant. We examined the existing literature on home value impacts of trees, parks, and GSI in the development of our model:

- We classified the variables used in the literature, such as building size, number of bedrooms or distance from transit, and tracked which variables were identified as statistically significant. The variables we used in our model were:
 - Property characteristics: living area square feet, # bathrooms, # bedrooms, fireplace, garage, basement, whether the home is detached, whether the home is an apartment unit
 - Geographic factors: within .25 or .5 miles of parks, water, and fixed-rail public transit (separate variables for each)
 - Time of sale: year (2009 through 2019), quarter (spring, summer, fall, winter)
 - Sales which occurred in the intervention area prior to GSI installation are used to control for unobserved spatial effects.
- Most models of this type also include one or more census tract-level variables to control for demographic factors. We model our findings three times using three separate demographic variables: education (percentage of residents with a bachelor's degree or higher), poverty rate, and homeownership rate. Due to the way mixed-effect models are calculated and the level of correlation between tract-level variables, it was not possible to incorporate more than one tract-level variable in the same model run.
- The majority of the studies we documented in the literature modeled sales price as their outcome variable, which is what we did in this study.
- The literature uses several different approaches to defining the main effect they were studying, but most models used distance in their definition—such as whether a home value goes up as it is closer to a park or whether trees within 100 feet of a home impact its value—so we have included a distance element in our model as well. GSI within 250 feet of a home was examined for its impact on the home's value.

Home Sales Data

For the home sale data, we used residential property sales, both single- and multifamily, from 2009 through early 2020 for each case study city. The home sale data for Philadelphia were obtained from the city's MLS provider – BrightMLS. Seattle home sale data was obtained from the publicly-accessible platform provided by the King County Department of Assessments. All home sale data were reviewed and edited to remove any duplicate sales records and non-arm's length transactions, as well as identifiable judicial or tax sales.

After obtaining, reviewing and filtering the data, our home sale datasets included approximately 127,000 sales records for Philadelphia and 66,000 for Seattle. We also examined 44,000 sales records for Milwaukee from MetroMLS, but as mentioned previously, we did not find a good match between the study design, home sales and GSI data in that city and so were not able to use it in our model.

Impacts by Number of GSI Installations

In addition to analyzing GSI impact by square footage as described earlier, we also looked at the relationship between number of GSI installations and home sales price. These results using GSI counts are more complex, which may speak to the variability of GSI types—being located near a single stormwater planter is quite different than having a swale filled with native plantings lining the entire front of your property.

- Effect of proximity to any one or more GSI installations:
 - As Table 2 shows, we found that proximity to one or more rain garden, swale, or stormwater planter was associated with a 2.8% higher home sales price in Seattle, but no statistically significant relationship was found for that in Philadelphia.
 - We found 3.1% to 3.2% higher home sales prices near wetlands, basins, trenches and pervious pavement in Philadelphia when controlling for education and homeownership.
 - When controlling for the poverty rate in the census tracts the observed impact diverged, with a 6% home sales value increase near pervious pavement and no statistically significant increase associated with wetlands, basins or trenches.
 - As discussed previously, the nearby presence of green roofs and cisterns was associated with a lower home sales price, which we hypothesize may be due to the commercial, rather than residential nature of many of those GSI types in Philadelphia.
- Another way to look at the impact of the number of GSI installations is to consider the incremental impact of each additional GSI installation on sales price.
 - In this case we found that each additional rain garden, swale, stormwater planter or pervious pavement was associated with a 1.5 %to 1.9% higher home sales price in Philadelphia when we controlled for education or homeownership levels in the census tract, but the impact again diverged when we controlled for poverty rates in the census tract.
 - In Seattle, we found a 0.19% to 0.33% increase in home sales price was associated with an additional rain garden, swale, planter or pervious pavement installation.
 - The variability between the cities on this finding is not immediately explainable. The values for effect per hundred percent increase in GSI square footage are more consistent across the two cities, so we recommend using that metric of value creation.

Table 2. Effect of Nearby GSI Installations on Residential Sales Prices in Philadelphia and Seattle

Effect of Proximity to Any (One or More) GSI Installations ^

Site	Philadelphia			Seattle		
Census Tract Control Variable	Education	Poverty	Homeowner	Education	Poverty	Homeowner
Group 1: rain gardens, swales, planters	--	--	--	2.8% ***	2.8% ***	2.8% ***
Group 2: wetlands, basins, trenches	3.1% **	--	3.1% **	--	--	--
Group 3: pervious pavement	3.2% *	6.0% ***	3.2% **	!	!	!
Group 4: green roofs, cisterns	-5.2% **	-13.1% ***	-5.8% **	!	!	!
Conditional R ² (LMM)	0.96	0.95	0.91	0.85	0.85	0.84
Number of sales	126,898			65,767		
Number of sales within 250 ft of a GSI	10,073			29,384		

Effect per Hundred Percent Increase in GSI Square Footage ^

Site	Philadelphia			Seattle		
Census Tract Control Variable	Education	Poverty	Homeowner	Education	Poverty	Homeowner
Group 1: rain gardens, swales, planters	0.69% **	0.50% *	0.63% **	0.40% ***	0.38% ***	0.39% ***
Group 2: wetlands, basins, trenches	--	--	0.23% '	--	--	--
Group 3: pervious pavement	0.52% **	0.78% ***	0.53% **	0.30% ***	0.28% ***	0.29% ***
Group 4: green roofs, cisterns	-0.61% *	-1.5% ***	-0.69% **	--	!	--
Conditional R ² (LMM)	0.96	0.95	0.91	0.86	0.93	0.86
Number of unique SF estimates	1,356			6,849		
Average and Standard Deviation of GSI SF	115 (2,037)			117 (921)		

Effect of Each Additional GSI on Sale Price ^

Site	Philadelphia			Seattle		
Census Tract Control Variable	Education	Poverty	Homeowner	Education	Poverty	Homeowner
Group 1: rain gardens, swales, planters	1.9% **	--	1.9% **	0.20% ***	0.23% ***	0.19% ***
Group 2: wetlands, basins, trenches	0.51% *	--	0.36% '	--	--	--
Group 3: pervious pavement	1.5% **	1.8% ***	1.5% **	0.33% ***	0.24% ***	0.33% ***
Group 4: green roofs, cisterns	--	--	--	--	--	--
Conditional R ² (LMM)	0.96	0.95	0.91	0.83	0.92	0.84
Maximum Numbers of GSI per Sale	52			37		

Significance levels: " ' " = .10, " * " = .05, " ** " = .01, " *** " = .001.

"--" indicates no significant relationship. "!" indicates that the parameter was too similar to the spatial control to create a reliable estimate.

^After controlling for property characteristics, time of sale, and geographic features.

Property characteristics: living area sf, # bathrooms, # bedrooms, fireplace, garage, basement, is detached, is apartment unit

Geographic factors: within .25 or .5 miles of parks, water, and fixed-rail public transit (separate variables for each)

Time of sale: year (2009 through 2020), quarter (spring, summer, fall, winter)

Sales which occurred in the intervention area prior to GSI installation are used to control for unobserved spatial effects.

AREAS FOR FURTHER RESEARCH AND ACTION

GSI Data

The trend of cities making geocoded GSI data available through their open data portals made this study possible, and we strongly support expanding the capacity for more cities to geocode their GSI assets and publish that data publicly. This would not only enable research like this, but is crucial to tracking, maintaining, and valuing GSI like the significant infrastructure it is.

There are GSI characteristics like square footage, that were essential to this study, but not tracked by every city consistently. A survey of GSI installations including detailed descriptive data, much like many cities have done for their tree inventories, would be valuable in any city. As more GSI information is tracked it will be most useful if it is done so using a common data structure across cities, so we support the creation of a GSI data standard. The General Transit Feed Specification (GTFS) standard used in the public transportation field in recent years allows transit service to be shown on tools like Google Maps and is a great example of how a common data format can bring value.

Interactions of Benefits

While we have documented an association between GSI and property value to a high degree of statistical significance for many GSI types, we do not know exactly what benefits are driving that value. Is it because GSI installations full of flowers and native plants looks nice? Is it because a neighborhood full of GSI is a neighborhood managing its stormwater? Or, as at least one study theorizes, is the presence of GSI a social signal of environmentalism or community-cohesion that influences home buyers?¹⁸

Additionally, GSI is often implemented together with other improvements—for example, pervious pavement might be part of a complete streets project that adds pedestrian and bicycle infrastructure. The large number of home sales data in our study means some of our control group homes are near bicycle and pedestrian infrastructure, so we are finding a real association with pervious pavement and other GSI types, but teasing out the impacts of individual project and design elements in a community would be of value.

Similarly, we do not know the factors that may be limiting GSI's benefits in our dataset. We hypothesize that commercial areas may have elements that offset the

benefits of commercial green roofs to neighboring homes. A study of stormwater basins in Baltimore County, Maryland theorizes that stormwater basins perceived as “unkempt, overgrown, or unsightly” may drive down home values. This could speak to the need for upfront design that prioritizes aesthetics, ongoing maintenance and community education to transform the perception of native plants and nature-based landscapes from unkempt to beautiful.¹⁹

Incorporation in Appraisal and Financing

Incorporation of GSI in home value appraisals can help solidify its value as an infrastructure system, and, as discussed in the funding and financing section, enable GSI investment. Trees are an example of GSI that is regularly included in home appraisals. The findings presented here for other GSI types make a case for including them as well.

This study looked at GSI impacts on residential property values, but similar research on commercial and institutional property values would benefit the field of knowledge and provide further tools for funding and financing.

Displacement

By documenting the property value impact associated with GSI investment we are hoping to bring to light a financial force that has been implicitly understood in communities around the country but has rarely been explicitly quantified. We have provided several best-practice-strategies for avoiding displacement in this paper. However, we would like to see these findings and strategies applied together by GSI implementers as a cohesive community-driven strategy to create community resilience followed by quality evaluation to track outcomes.

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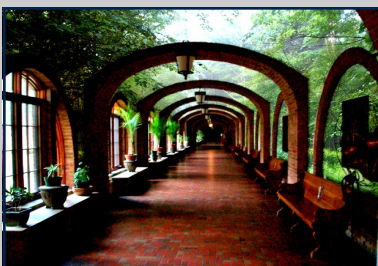
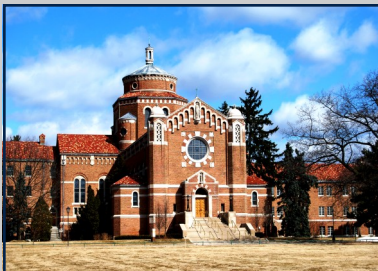
City of Livonia



MS4 Stormwater Discharge Application

Permit No: MIG610015

April 1, 2016



Submitted by:

The City of Livonia
12973 Farmington Road
Livonia, MI. 48150
734.466.2655

In Collaboration with:





State of Michigan

National Pollutant Discharge Elimination System

Permit Application for Discharge of Storm Water to Surface Waters of the State from a Municipal Separate Storm Sewer System

DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER RESOURCES DIVISION
PERMITS SECTION
TELEPHONE: 517-284-5568
FAX: 517-241-9003



Michigan Department of Environmental Quality – Water Resources Division
STORM WATER DISCHARGE PERMIT APPLICATION

PURPOSE AND AUTHORITY

The National Pollutant Discharge Elimination System (NPDES) Program protects the surface waters of the state by assuring that discharges of wastewater comply with state and federal regulations. Anyone discharging or proposing to discharge wastewater to the surface waters of the state are required to make application for and obtain a valid NPDES permit prior to wastewater discharge.

NPDES permits are required under Section 402 of the Federal Clean Water Act (the “Federal Act”), as amended (33 U.S.C. 1251 et seq., P.L. 92-500, 95-217), and under Part 31, Water Resources Protection, of Michigan’s “Natural Resources and Environmental Protection Act”, 1994 PA 451, as amended (NREPA). Part 31 of the NREPA also provides authority for the State to issue NPDES permits. The Michigan Department of Environmental Quality (DEQ) administers the NPDES permit program for the State of Michigan.

This Application should be used to apply for a storm water discharge from a regulated Municipal Separate Storm Sewer System (MS4) to the surface waters of the state.

ELIGIBLE PERMITTEES

Except as excluded below, any public body that owns or operates a regulated MS4 may be eligible for permit coverage including, but not limited to, the United States, the State of Michigan, a city, village, township, county, public school district, public college or university, a single purpose governmental agency, or any other governing body which is created by federal or state statute or law.

The DEQ will determine eligibility for permit coverage.

Nongovernmental entities, such as individuals, private schools, private colleges, and private universities, or industrial and commercial entities, are not eligible for permit coverage.

PENALTIES

The information in this Application is required by the Part 21 Rules of the NREPA. A municipality, business, or industry that violates the Part 21 Rules may be enjoined by action commenced by the Attorney General in a court of competent jurisdiction.

Federal and State laws provide penalties for submitting false application information. The laws imposing those penalties are cited below.

The Federal Act, Section 309(c)(4): “Any person who knowingly makes any false material statement, representation, or certification in any application, record, report, plan, or other document filed or required to be maintained under this chapter or who knowingly falsifies, tampers with, or renders inaccurate any monitoring device or method required to be maintained under this chapter, shall upon conviction, be punished by a fine of not more than \$10,000, or by imprisonment for not more than 2 years, or by both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment shall be a fine of not more than \$20,000 per day of violation, or by imprisonment of not more than 4 years, or by both.”

The NREPA, Section 3115(2): “A person who at the time of the violation knew or should have known that he or she discharged a substance contrary to this part, or contrary to a permit or order issued or rule promulgated under this part, or who intentionally makes a false statement, representation, or certification in an application form pertaining to a permit or in a notice or report required by the terms and conditions of an issued permit, or who intentionally renders inaccurate a monitoring device or record required to be maintained by the department, is guilty of a felony and shall be fined not less than \$2,500.00 or more than \$25,000.00 for each violation. The court may impose an additional fine of not more than \$25,000.00 for each day during which the unlawful discharge occurred. If the conviction is for a violation committed after a first conviction of the person under this subsection, the court shall impose a fine of not less than \$25,000.00 per day and not more than \$50,000.00 per day of violation. Upon conviction, in addition to a fine, the court, in its discretion may sentence the defendant to imprisonment for not more than 2 years or impose probation upon a person for a violation of this part. With the exception of the issuance of criminal complaints, issuance of warrants, and the holding of an arraignment, the circuit court for the county in which the violation occurred has exclusive jurisdiction. However, the person shall not be subject to the penalties of this subsection if the discharge of the effluent is in conformance with and obedient to a rule, order, or permit of the department. In addition to a fine, the attorney general may file a civil suit in a court of competent jurisdiction to recover the full value of the injuries done to the natural resources of the state and the costs of surveillance and enforcement by the state resulting from the violation.”

The Michigan Department of Environmental Quality will not discriminate against any individual or group on the basis of race, sex, religion, age, national origin, color, marital status, disability, or political beliefs. Questions or concerns should be directed to the Office of Personnel Services, P.O. Box 30473, Lansing, MI 48909.

Michigan Department of Environmental Quality – Water Resources Division
STORM WATER DISCHARGE PERMIT APPLICATION

Applicants for either new permit coverage or reissuance of a permit shall include all of the following requested information for Sections I-VIII.

SECTION I. APPLICANT NAME AND MAILING ADDRESS		Current Permit/COC Number (if applicable) MIG610015	
City of Livonia			
Additional Applicant Name Information			
Street Address or P.O. Box 12973 Farmington Road		e-mail drohrraff@ci.livonia.mi.us	
City or Village Livonia	State MI	ZIP Code 48150	
Telephone (with area code) 734-466-2200		FAX Number (with area code) 734-466-2660	

SECTION II. CONTACTS	☒ Application Contact ☒ Storm Water Program Manager ☒ Storm Water Billing	First Name Doug		Last Name Moore		
		Title Superintendent of Public Service		Business City of Livonia		
		Address 1 12973 Farmington Rd		Address 2		
		City Livonia		State MI	ZIP Code 48150	
		Telephone (with area code) 734-466-2617		FAX (with area code) 734-466-2660		e-mail dmoore@ci.livonia.mi.us
		First Name		Last Name		
		Title		Business		
	Address 1		Address 2			
	City		State	ZIP Code		
	Telephone (with area code)		FAX (with area code)		e-mail	
	☐ Application Contact ☐ Storm Water Program Manager ☐ Storm Water Billing	First Name		Last Name		
		Title		Business		
		Address 1		Address 2		
		City		State	ZIP Code	
		Telephone (with area code)		FAX (with area code)		e-mail
		First Name		Last Name		
		Title		Business		
	Address 1		Address 2			
City		State	Zip Code			
Telephone (with area code)		FAX (with area code)		e-mail		

SECTION III. PERMIT ACTION REQUESTED: ☐ New Authorization ☒ Reissuance of Previous Authorization ☐ Modification of Current Permit	
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Michigan Department of Environmental Quality – Water Resources Division
STORM WATER DISCHARGE PERMIT APPLICATION

SECTION IV. REGULATED AREA

Provide a map identifying the urbanized area within the applicant's jurisdictional boundary as defined by the 2010 Census. The regulated municipal separate storm sewer system (MS4) means an MS4 owned or operated by a city, village, township, county, district, association, or other public body created by or pursuant to state law and the nested MS4 identified in Section VI. that is located in an urbanized area and discharges storm water into surface waters of the state. The 2010 Census maps are located at http://www.michigan.gov/documents/deq/wrd-stormwater-urbanizedareas_374344_7.pdf

Location of Urbanized Area Map: *e.g., Attachment A* See Appendix A

SECTION V. OUTFALLS AND POINTS OF DISCHARGE

Identify and provide the surface water of the state that receives the discharge from each of the applicant's outfalls and points of discharge in Table 1 or an alternative format. Please note that an MS4 is not a surface water of the state. For example, an open county drain that is a surface water of the state is not an MS4.

Outfalls and Points of Discharge Location Reference: *e.g., Attachment B* See Appendix A

SECTION VI. NESTED JURISDICTIONS

Submit the name and general description of each nested MS4 for which a cooperative agreement has been reached to carry out the terms and conditions of the permit for the nested jurisdiction. The applicant shall be responsible for assuring compliance with the permit for those nested jurisdictions with which they have entered into an agreement and listed as part of the Application. If the primary jurisdiction and the nested jurisdiction agree to cooperate so that the terms and conditions of the permit are met for the nested MS4, the nested jurisdiction does not need to apply for a separate permit. A city, village, or township shall not be a nested jurisdiction.

NESTED JURISDICTION NAME AND GENERAL DESCRIPTION: The City has no nested jurisdictions.

SECTION VII. STORM WATER MANAGEMENT PROGRAM (SWMP)

This Application requires a description of the Best Management Practices (BMPs) the applicant will implement for each minimum control measure and the applicable water quality requirements during this permit cycle. The applicant shall incorporate the BMPs to develop a SWMP as part of the Application. The SWMP shall be developed, implemented, and enforced to reduce the discharge of pollutants from the MS4 to the Maximum Extent Practicable and protect water quality in accordance with the appropriate water quality requirements of the NREPA 451, Public Acts of 1994, Part 31, and the Federal Water Pollution Control Act, as amended, (33 U.S.C. 1251 *et seq.*). The Maximum Extent Practicable may be met by implementing the BMPs identified in the SWMP and demonstrating the effectiveness of the BMPs. The applicant shall attach any appropriate and necessary documentation to demonstrate compliance with the six minimum control measures and applicable water quality requirements as part of the Application.

The applicant shall complete this Application to the best of its knowledge and ensure that it is true, accurate, and meets the minimum requirements for a SWMP to the Maximum Extent Practicable.

When answering the questions in this section of the Application, the applicant's MS4 encompasses what the applicant identified in Sections IV, V, and VI, above. The applicant shall include a measurable goal for each BMP. Each measurable goal shall include, as appropriate, a schedule for BMP implementation (months and years), including interim milestones and the frequency of the action. Each measurable goal shall have a measure of assessment to measure progress towards achieving the measurable goal. A United States Environmental Protection Agency (USEPA) guidance document on measurable goals is available at http://water.epa.gov/polwaste/npdes/swbmp/upload/measurablegoals.pdf#_ga=1.38737702.463004347.1438199466.

Several minimum control measures include a statement requesting the applicant to indicate in the response if you are, or will be, working collaboratively with watershed or regional partners on any or all activities to meet the minimum control measure requirements. If the applicant chooses to work collaboratively with watershed or regional partners to implement parts of the SWMP, each applicant will be responsible for complying with the minimum permit requirements.

For purposes of this Application, a procedure means a written process, policy or other mechanism describing how the applicant will implement minimum requirements. It may be helpful to read all questions in each section first.

Enforcement Response Procedure (ERP)

The applicant shall describe the current and proposed enforcement responses to address violations of the applicant's ordinances and regulatory mechanisms identified in the SWMP. The following question represents the minimum requirement for the ERP. Please complete the question below.

Michigan Department of Environmental Quality – Water Resources Division
STORM WATER DISCHARGE PERMIT APPLICATION

1. Provide the ERP. The ERP shall include the applicant's expected response to violations to compel compliance with an ordinance or regulatory mechanism implemented by the applicant in the SWMP (e.g., written notices, citations, and fines). The ERP shall contain a method for tracking instances of non-compliance, including, as appropriate, the entity responsible for violating the applicant's ordinance or regulatory mechanism, the date and location of the violation, a description of the violation, a description of the enforcement response used, a schedule for returning to compliance, and the date the violation was resolved. The applicant may keep an electronic file or hard copy file of the enforcement tracking.

ERP Reference (page and paragraph of attachments): e.g., *Attachment A, Page 3, Section b.* See Appendix B

Public Participation/Involvement Program (PPP)

The applicant shall describe the current and proposed BMPs to meet the minimum control measure requirements for the PPP to the maximum extent practicable, which shall be incorporated into the SWMP. Please indicate in your response if you are, or will be, working collaboratively with watershed or regional partners on any or all activities in the PPP during the permit cycle (i.e., identify collaborative efforts in the procedures). The following questions represent the minimum control measure requirements for the PPP. Please complete all the questions below. A measurable goal with a measure of assessment shall be included for each BMP, and, as appropriate, a schedule for implementation (months and years), including interim milestones and the frequency of the BMP.

☒ Proposing to work collaboratively on any or all activities in the PPP during the permit cycle.

2. Provide the procedure for making the SWMP available for public inspection and comment. The procedure shall include a process for notifying the public when and where the SWMP is available and of opportunities to provide comment. The procedure shall also include a process for complying with local public notice requirements, as appropriate.

Procedure Reference (page and paragraph of attachments): e.g., *Attachment A, Page 3, Section b.* See Appendix C, Section B

3. Provide the procedure for inviting public involvement and participation in the implementation and periodic review of the SWMP.

Procedure Reference (page and paragraph of attachments): See Appendix C, Section D

Public Education Program (PEP)

The applicant shall describe the current and proposed BMPs to meet the minimum control measure requirements for the PEP to the maximum extent practicable, which shall be incorporated into the SWMP. Please indicate in your response if you are, or will be, working collaboratively with watershed or regional partners on any or all activities in the PEP during the permit cycle. The following questions represent the minimum requirements for the PEP. Please complete all the questions below. A measurable goal with a measure of assessment shall be included for each BMP, and, as appropriate, a schedule for implementation (months and years), including interim milestones and the frequency of the BMP. The responses shall reflect the nested MS4s identified in Section VI.

☒ Proposing to work collaboratively on any or all activities in the PEP during the permit cycle.

4. Provide the procedure with the assessment of high priority, community-wide issues and targeted issues to reduce pollutants in storm water runoff as part of the PEP. The assessment shall include a list of the priority issues.

☒ Procedure Reference (page and paragraph of attachments): e.g., *Attachment A, Page 3, Section b* See Appendix D, Section A

☐ Not applicable – PEP topics will not be prioritized.

5. The applicant shall identify applicable PEP topics below and, if prioritizing topics, prioritize based on the assessment in Question 4. The PEP topics may be prioritized as high, medium, and low or in order from 1-11 based on the assigned priority level (e.g., 1 being the highest priority topic and 11 being the lowest priority topic). For each applicable topic, identify the target audience; key message; delivery mechanism; year and frequency the BMP will be implemented; and the responsible party.

For each topic below, complete one or more of the following

- Fill out Table 2 for each applicable PEP topic.
- Reference the page number in your existing PEP document.
- Explain why the PEP activity is not applicable or a priority issue.

A. Promote public responsibility and stewardship in the applicant's watershed(s).

Priority Ranking High

☒ See Table 2

☒ Attach existing approved PEP (page and paragraph of attachments): Appendix D, Section C

☐ Not applicable. Provide explanation below.

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- B. Inform and educate the public about the connection of the MS4 to area waterbodies and the potential impacts discharges could have on surface waters of the state.

Priority Ranking High

☒ See Table 2

☒ Attach existing approved PEP (page and paragraph of attachments): **Appendix D, Section C**

☐ Not applicable. Provide explanation below.

High

- C. Educate the public on illicit discharges and promote public reporting of illicit discharges and improper disposal of materials into the MS4.

Priority Ranking High

☒ See Table 2

☒ Attach existing approved PEP (page and paragraph of attachments): **Appendix D, Section C**

☐ Not applicable. Provide explanation below.

High

- D. Promote preferred cleaning materials and procedures for car, pavement, and power washing.

Priority Ranking Medium

☒ See Table 2

☒ Attach existing approved PEP (page and paragraph of attachments): **Appendix D, Section C**

☐ Not applicable. Provide explanation below.

High

- E. Inform and educate the public on proper application and disposal of pesticides, herbicides, and fertilizers.

Priority Ranking High

☒ See Table 2

☒ Attach existing approved PEP (page and paragraph of attachments): **Appendix D, Section C**

☐ Not applicable. Provide explanation below.

High

- F. Promote proper disposal practices for grass clippings, leaf litter, and animal wastes that may enter into the MS4.

Priority Ranking High

☒ See Table 2

☒ Attach existing approved PEP (page and paragraph of attachments): **Appendix D, Section C**

☐ Not applicable. Provide explanation below.

High

- G. Identify and promote the availability, location, and requirements of facilities for collection or disposal of household hazardous wastes, travel trailer sanitary wastes, chemicals, and motor vehicle fluids.

Priority Ranking High

☒ See Table 2

☒ Attach existing approved PEP (page and paragraph of attachments): **Appendix D, Section C**

☐ Not applicable. Provide explanation below.

High

- H. Inform and educate the public on proper septic system care and maintenance, and how to recognize system failure.

Priority Ranking High

☒ See Table 2

☒ Attach existing approved PEP (page and paragraph of attachments): **Appendix D, Section C**

☐ Not applicable. Provide explanation below.

High

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- I. Educate the public on, and promote the benefits of, green infrastructure and Low Impact Development.

Priority Ranking ~~High~~

☒ See Table 2

☒ Attach existing approved PEP (page and paragraph of attachments): Appendix D, Section C

☐ Not applicable. Provide explanation below.

High

- J. Identify and educate commercial, industrial, and institutional entities likely to contribute pollutants to storm water runoff.

Priority Ranking ~~Low~~

☒ See Table 2

☒ Attach existing approved PEP (page and paragraph of attachments): Appendix D, Section C

☐ Not applicable. Provide explanation below.

High

6. Provide the procedure for evaluating and determining the effectiveness of the overall PEP. The procedure shall include a method for assessing changes in public awareness and behavior resulting from the implementation of the PEP and the process for modifying the PEP to address ineffective implementation.

Procedure Reference (page and paragraph of attachments): Appendix D, Section D

Illicit Discharge Elimination Program (IDEP)

The applicant shall describe the current and proposed BMPs to meet the minimum control measure requirements for the IDEP to the Maximum Extent Practicable, which shall be incorporated into the SWMP. Please indicate in your response if you are or will be working collaboratively with watershed or regional partners on any or all BMPs in the IDEP during the permit cycle (e.g., identify collaborative efforts in the procedures). The following questions represent the minimum control measure requirements for the IDEP. Please complete all the questions below. A measurable goal with a measure of assessment shall be included for each BMP, and, as appropriate, a schedule for implementation (months and years), including interim milestones and the frequency of the BMP. The responses shall reflect the nested MS4s identified in Section VI.

The following definitions apply to the terms used below:

- **Illicit Discharge:** Any discharge to, or seepage into, an MS4 that is not composed entirely of storm water or uncontaminated groundwater except discharges pursuant to an NPDES permit. A discharge that originates from the applicant's property and meets the illicit discharge definition is considered an illicit discharge.
- **Illicit Connection:** A physical connection to an MS4 that primarily conveys non-storm water discharges other than uncontaminated groundwater into the MS4; or a physical connection not authorized or permitted by the local authority, where a local authority requires authorization or a permit for physical connections.

The following resources are available to assist with the development of an IDEP.

- The MDEQ has an IDEP Compliance Assistance Document available at http://michigan.gov/documents/deg/wrd-storm-MS4-IDEP-ComplianceAssistance_473378_7.pdf.
- The Center for Watershed Protection has a guide available at http://water.epa.gov/polwaste/npdes/stormwater/upload/idde_manualwithappendices.pdf#_ga=1.139876918.463004347.1438199466.

☒ Proposing to work collaboratively on any or all BMPs in the IDEP during the permit cycle.

Storm Sewer System Map

7. Provide the location where an up-to-date storm sewer system map(s) is available. The map(s) shall identify the following: the storm sewer system, the location of all outfalls and points of discharge, and the names and location of the surface waters of the state that receive discharges from the permittee's MS4 (for both outfalls and points of discharge). A separate storm sewer system includes: roads, catch basins, curbs, gutters, parking lots, ditches, conduits, pumping devices, and man-made channels. A storm sewer system map(s) may include available diagrams, such as certification maps, road maps showing rights-of-way, as-built drawings, or other hard copy or digital representation of the storm sewer system.

The map (or maps) is available at the following location: e.g., *The Department of Public Works front office* _____

The Department of Public Works front office at 12973 Farmington Road

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Illicit Discharge Identification and Investigation

8. Provide the procedure for prioritizing the applicant's MS4 for detecting non-storm water discharges. The goal of the prioritization process is to target areas with high illicit discharge potential. The procedure shall document the process for selecting each priority area using the list below.
- Areas with older infrastructure
 - Industrial, commercial, or mixed use areas
 - Areas with a history of past illicit discharges
 - Areas with a history of illegal dumping
 - Areas with septic systems
 - Areas with older sewer lines or with a history of sewer overflows or cross-connections
 - Areas with sewer conversions or historic combined sewer systems
 - Areas with poor dry-weather water quality
 - Areas with water quality impacts, including waterbodies identified in a Total Maximum Daily Load
 - Priority areas applicable to the applicant not identified above

☒ Procedure Reference (page and paragraph of attachments): e.g., Attachment A, Page 3, Section b See Appendix E, Section C
☐ Not applicable – The applicant will perform illicit discharge identification and investigation throughout the entire MS4. Skip to Question 10.

9. Provide the geographical location of each prioritized area using either a narrative description or map and identify the prioritized areas that will be targeted during the permit cycle.

IDEP Prioritized Areas (page and paragraph of attachments): See Appendix E, Section C

10. Provide the procedure for performing field observations at all outfalls and points of discharge in the priority areas as identified in the procedure above or for the entire MS4 during dry-weather at least once during the permit cycle. The procedure shall include a schedule for completing the field observations during the permit cycle or more expeditiously if the applicant becomes aware of a non-storm water discharge. *As part of the procedure, the applicant may submit an interagency agreement with the owner or operator of the downstream MS4 identifying responsibilities for ensuring an illicit discharge is eliminated if originating from the applicant's point(s) of discharge. The interagency agreement would eliminate the requirement for performing a field observation at that point(s) of discharge. Areas not covered by the interagency agreement shall be identified with a schedule for performing field observations included in the procedure.*

The focus of the field observation shall be to observe the following:

- | | |
|--|-----------------------|
| • Presence/absence of flow | • Water clarity |
| • Deposits/stains on the discharge structure or bank | • Color |
| • Vegetation condition | • Odor |
| • Structural condition | • Floatable materials |
| • Biology, such as bacterial sheens, algae, and slimes | |

Procedure Reference (page and paragraph of attachments): See Appendix E, Section D

11. Provide the procedure for performing field screening if flow is observed at an outfall or point of discharge and the source of an illicit discharge is not identified during the field observation. Field screening shall include analyzing the discharge for indicator parameters (e.g., ammonia, fluoride, detergents, and pH). The procedure shall include a schedule for performing field screening.

Procedure Reference (page and paragraph of attachments): See Appendix E, Section D

12. Provide the procedure for performing a source investigation if the source of an illicit discharge is not identified by field screening. The procedure shall include a schedule for performing a source investigation.

Procedure Reference (page and paragraph of attachments): See Appendix E, Section D

13. Provide the procedure for responding to illegal dumping/spills. The procedure shall include a schedule for responding to complaints, performing field observations, and follow-up field screening and source investigations as appropriate.

Procedure Reference (page and paragraph of attachments): See Appendix E, Section D

14. Provide the procedure for responding to illicit discharges upon becoming aware of such a discharge outside of the priority areas. The procedure shall include a schedule for performing field observations, and follow-up field screening and source investigations as appropriate.

☒ Procedure Reference (page and paragraph of attachments): See Appendix E, Section D
☐ Not applicable – Field observations will be conducted at all outfalls and points of discharge

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15. Provide the procedure that includes a requirement to immediately report any release of any polluting materials from the MS4 to the surface waters or groundwaters of the state, unless a determination is made that the release is not in excess of the threshold reporting quantities in the [Part 5 Rules](#), by calling the appropriate [MDEQ District Office](#), or if the notice is provided after regular working hours call the MDEQ's 24-Hour Pollution Emergency Alerting System telephone number: 800-292-4706. *(Example threshold reporting quantities: a release of 50 pounds of salt in solid form or 50 gallons in liquid form to waters of the state unless authorized by the MDEQ for deicing or dust suppressant.)*

Procedure Reference (page and paragraph of attachments): See Appendix H, Spill Response Procedure, Section C

16. If the procedures requested in Questions 8 through 14 do not accurately reflect the applicant's procedure(s), describe the alternative approach to meet the minimum requirements.

This Collaborative and Alternative approach meets and/or exceeds the expected results from minimum control measure requirements as described in Attachment E, Section B.

☒ Not applicable

17. Provide the procedure for responding to illicit discharges once the source is identified. The procedure shall include a schedule to eliminate the illicit discharge and pursue enforcement actions. The procedure shall also address illegal spills/dumping.

Procedure Reference (page and paragraph of attachments): See Appendix E, Section E

IDEP Training and Evaluation

18. Provide the program to train staff employed by the applicant, who, as part of their normal job responsibilities, may come into contact with or otherwise observe an illicit discharge to the regulated MS4, on the following topics. The program shall include a training schedule for this permit cycle. *It is recommended that staff be trained more than once per permit cycle.*

- Techniques for identifying an illicit discharge or connection, including field observation, field screening, and source investigation.
- Procedures for reporting, responding to, and eliminating an illicit discharge or connection and the proper enforcement response.
- The schedule and requirement for training at least once during the term of this permit cycle for existing staff and within the first year of hire for new staff.

Program Reference (page and paragraph of attachments): See Appendix E, Section D

19. Provide the procedure for evaluating and determining the overall effectiveness of the IDEP. The procedure shall include a schedule for implementation. *Examples of evaluating overall effectiveness include, but are not limited to, the following: evaluate the prioritization process to determine if efforts are being maximized in areas with high illicit discharge potential; evaluate the effectiveness of using different detection methods; evaluate the number of discharges and/or quantity of discharges eliminated using different enforcement methods; and evaluate program efficiency and staff training frequency.*

Procedure Reference (page and paragraph of attachments): See Appendix E, Section F

Illicit Discharge Ordinance or Other Regulatory Mechanism

20. Provide the ordinance or regulatory mechanism in effect that prohibits non-storm water discharges into the applicant's MS4 (except the non-storm water discharges addressed in Questions 21 and 22).

Ordinance number(s) or regulatory mechanism title(s) (attach a copy): See Appendix E, Attachment E, Table 1

21. Does the ordinance or other regulatory mechanism exclude prohibiting the discharges or flows from firefighting activities to the applicant's MS4 and require that these discharges or flows only be addressed if they are identified as significant sources of pollutants to waters of the State? The ordinance shall not authorize illicit discharges; however, the applicant may choose to exclude prohibiting the discharges and flows from firefighting activities if they are identified as not being significant sources of pollutants to waters of the state.

- ☒ Yes, ordinance or regulatory mechanism reference (page and paragraph of attachments): See Appendix E, Attachment E, Table 1
☐ Not applicable – All non-storm water discharges into the applicant's MS4 will be prohibited.

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22. Does the ordinance or other regulatory mechanism prohibit the following categories of non-storm water discharges or flows if identified as significant contributors to violations of Water Quality Standards? The ordinance shall not authorize illicit discharges; however, the applicant may choose to exclude prohibiting the following discharges or flows if they are identified as not being a significant contributor to violations of Water Quality Standards.

- a. Water line flushing and discharges from potable water sources
- b. Landscape irrigation runoff, lawn watering runoff, and irrigation waters
- c. Diverted stream flows and flows from riparian habitats and wetlands
- d. Rising groundwaters and springs
- e. Uncontaminated groundwater infiltration and seepage
- f. Uncontaminated pumped groundwater, except for groundwater cleanups specifically authorized by NPDES permits
- g. Foundation drains, water from crawl space pumps, footing drains, and basement sump pumps
- h. Air conditioning condensation
- i. Waters from noncommercial car washing
- j. Street wash water
- k. Dechlorinated swimming pool water from single, two, or three family residences. (A swimming pool operated by the permittee shall not be discharged to a separate storm sewer or to surface waters of the state without NPDES permit authorization from the MDEQ.)

☒ Yes, ordinance or regulatory mechanism reference (page and paragraph of attachments): See Appendix E, Attachment E, Table 1
☐ Not applicable – All non-storm water discharges into the applicant's MS4 will be prohibited.

23. Provide the ordinance or regulatory mechanism that regulates the contribution of pollutants to the applicant's MS4.

Ordinance or regulatory mechanism reference (page and paragraph of attachments): See Appendix E, Attachment E, Table 1

24. Provide the ordinance or regulatory mechanism that prohibits illicit discharges, including illicit connections and the direct dumping or disposal of materials into the applicant's MS4.

Ordinance or regulatory mechanism reference (page and paragraph of attachments): See Appendix E, Attachment E, Table 1

25. Provide the ordinance or regulatory mechanism with the authority established to inspect, investigate, and monitor suspected illicit discharges into the applicant's MS4.

Ordinance or regulatory mechanism reference (page and paragraph of attachments): See Appendix E, Attachment E, Table 1

26. Provide the ordinance or regulatory mechanism that requires and enforces elimination of illicit discharges into the applicant's MS4, including providing the applicant the authority to eliminate the illicit discharge.

Ordinance or regulatory mechanism reference (page and paragraph of attachments): See Appendix E, Attachment E, Table 1

Construction Storm Water Runoff Control Program

The applicant shall describe the current and proposed BMPs to meet the minimum control measure requirements for the construction storm water runoff control program to the maximum extent practicable, which shall be incorporated into the SWMP. Please indicate in your response if you are or will be working collaboratively with watershed or regional partners on any or all requirements of this program during the permit cycle. The following questions represent the minimum control measure requirements for the construction storm water runoff control program. Please complete all the questions below. A measurable goal with a measure of assessment shall be included for each BMP, and, as appropriate, a schedule for implementation (months and years), including interim milestones and the frequency of the BMP. The responses shall reflect the nested MS4s identified in Section VI.

☐ Proposing to work collaboratively on any or all requirements of the Construction Storm Water Runoff Control Program during the permit cycle.

Qualifying Local Soil Erosion and Sedimentation Control Programs

27. Is the applicant a Part 91 Agency? A list of Part 91 agencies is available at http://www.michigan.gov/deq/0,4561,7-135-3311_4113-8870--,00.html.

Yes. Choose type: ☐ County Enforcing Agency ☒ Municipal Enforcing Agency ☐ Authorized Public Agency

☐ No, the applicant relies on the following Qualifying Local Soil Erosion and Sedimentation Control Program (Part 91 Agency)

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28. Provide the procedure with the process for notifying the Part 91 Agency or appropriate staff when soil or sediment is discharged to the applicant's MS4 from a construction activity, including the notification timeframe. The procedure shall allow for the receipt and consideration of complaints or other information submitted by the public or identified internally as it relates to construction storm water runoff control. For non-Part 91 agencies, consideration of complaints may include referring the complaint to the qualifying local Soil Erosion and Sedimentation Control Program as appropriate. Construction activity is defined pursuant to Part 21, Wastewater Discharge Permits, Rule 323.2102 (K). The applicant may consider as part of their procedure when and under what circumstances the Part 91 Agency or appropriate staff will be contacted.

Procedure Reference (page and paragraph of attachments): *e.g., Attachment A, Page 3, Section b* Appendix F, Section C

29. Provide the procedure for when to notify the MDEQ when soil, sediment, or other pollutants are discharged to the applicant's MS4 from a construction activity, including the notification timeframe. Other pollutants include pesticides, petroleum derivatives, construction chemicals, and solid wastes that may become mobilized when land surfaces are disturbed. The applicant may consider as part of their procedure when and under what circumstances the MDEQ will be contacted.

Procedure Reference (page and paragraph of attachments): Appendix F, Section E

30. Provide the procedure for ensuring that construction activity one acre or greater in total earth disturbance with the potential to discharge to the applicant's MS4 obtains a Part 91 permit, or is conducted by an approved Authorized Public Agency as appropriate. Note: For applicants that conduct site plan review, the procedure must be triggered at the site plan review stage.

Procedure Reference (page and paragraph of attachments): Appendix F, Section B

31. Provide the procedure to advise the landowner or recorded easement holder of the property where the construction activity will occur of the State of Michigan Permit by Rule (Rule 323.2190).

Procedure Reference (page and paragraph of attachments): Appendix F, Section F

Post-Construction Storm Water Runoff Program

Post-construction storm water runoff controls are necessary to maintain or restore stable hydrology in receiving waters by limiting surface runoff rates and volumes and reducing pollutant loadings from sites that undergo development or significant redevelopment.

The applicant shall describe the current and proposed BMPs to meet the minimum control measure requirements for the post-construction storm water runoff program to the maximum extent practicable, which shall be incorporated into the SWMP. Please complete the questions below as appropriate. If the "No" response is selected but a date is requested for the minimum requirement to be available, please provide a date to meet the minimum requirement. All dates provided by the applicant in this Application should be on or before **October 1, 2016**. Some questions are set up to allow for additional responses to meet the minimum requirements. If space is not available for an additional response, then the minimum requirement must be met in accordance with the question. A measurable goal with a measure of assessment shall be included for each BMP, and, as appropriate, a schedule for implementation (months and years), including interim milestones and the frequency of the BMP. The responses shall reflect the nested MS4s identified in Section VI.

An applicant may reference in its ordinance or regulatory mechanism other technical documents used to implement the post-construction storm water runoff program. For example, an applicant may answer a question with a reference to a performance or technical standards document in the ordinance **and** the reference in the technical document. When referencing the ordinance, regulatory mechanism, or other technical documents, attach the document and provide the page and paragraph reference.

The MDEQ has the following resources available to assist with development of a Post-Construction Storm Water Runoff Program.

- A Post-Construction Storm Water Runoff Program Compliance Assistance Document available at www.michigan.gov/documents/deq/wrd-storm-MS4-ComplianceAssistance_470350_7.pdf
- A manual titled *Low Impact Development Manual for Michigan* available at <http://www.semcog.org/LowImpactDevelopment.aspx>. Chapter 9 of the manual provides a methodology for addressing post-construction storm water runoff.

Ordinance or Other Regulatory Mechanism

32. Is an ordinance or other regulatory mechanism in effect to address post-construction storm water runoff from new development and redevelopment projects, including preventing or minimizing water quality impacts? The ordinance or other regulatory mechanism shall apply to private, commercial, and public projects, including projects where the applicant is the developer. This requirement may be met using a single ordinance or regulatory mechanism or a combination of ordinances and regulatory mechanisms.

☒ Yes, ordinance or regulatory mechanism reference (page and paragraph of attachments): *e.g., Attachment A, Pages 1-15* See Appendix G
☐ No, the ordinance or regulatory mechanism will be available on _____

33. Does the ordinance or other regulatory mechanism apply to projects that disturb at least one or more acres, including projects less than an acre that are part of a larger common plan of development or sale and discharge into the applicant's MS4?

☒ Yes, ordinance or regulatory mechanism reference (page and paragraph of attachments): See Appendix G
☐ No, the ordinance or regulatory mechanism will be available on _____

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Federal Facilities

Federal facilities are subject to the Energy Independence and Security Act of 2007. Section 438 of this legislation establishes post-construction storm water runoff requirements for federal development and redevelopment projects.

34. Is the applicant the owner or operator of a federal facility with a storm water discharge?

- ☐ Yes
☒ No, skip to Question 36

35. Is the applicant implementing the post-construction storm water runoff control requirements in Section 438 of the Energy Independence and Security Act? A guidance document is available at

http://www.epa.gov/greeningepa/documents/epa_swm_guidance.pdf

- ☐ Yes, regulatory mechanism reference (page and paragraph of attachments): _____
☐ No, the regulatory mechanism will be available on _____

Water Quality Treatment Performance Standard

36. Does the ordinance or other regulatory mechanism include one or more of the following water quality treatment standards?

- ☐ Treat the first one inch of runoff from the entire project site. Ordinance or other regulatory mechanism reference (page and paragraph of attachments) _____ Skip to Question 38.
☒ Treat the runoff generated from 90 percent of all runoff-producing storms for the project site. Ordinance or other regulatory mechanism reference (page and paragraph of attachments) See Wayne County Storm Water Management Standards, Chapter 6
☐ No, the ordinance or other regulatory mechanism will be available on _____
☐ The ordinance or other regulatory mechanism is/will be available on _____ and includes the following water quality treatment standard. Provide an explanation as to how the water quality treatment standard will prevent or minimize water quality impacts.

37. What is the source of the rainfall data if the applicant has chosen the water quality treatment standard of requiring the treatment of the runoff generated from 90 percent of all runoff-producing storms?

- ☐ The MDEQ's memo dated March 24, 2006 providing the 90 percent annual non-exceedance storm statistics. The memo is available at http://www.michigan.gov/documents/deq/lwm-hsu-nps-ninety-percent_198401_7.pdf.
☐ An analysis of at least ten years of local published rain gauge data following the method in the March 25, 2006, MDEQ memo titled *90 Percent Annual Non-Exceedance Storms* cited above.
☒ Other rainfall data source (page and paragraph of attachments) See Wayne County Storm Water Management Standards, Chapter 6

38. Does the ordinance or other regulatory mechanism require that BMPs be **designed** on a site-specific basis to reduce post-development total suspended solids loadings by 80 percent or achieve a discharge concentration of total suspended solids not to exceed 80 milligram per liter?

- ☐ Yes, ordinance or other regulatory mechanism reference (page and paragraph of attachments): _____
☐ No, the ordinance or other regulatory mechanism will be available on _____
☒ The ordinance or other regulatory mechanism defines treatment as follows:

See Wayne County Storm Water Management Standards, Chapter 6

Channel Protection Performance Standard

39. Does the ordinance or other regulatory mechanism require that the post-construction runoff rate and volume of discharges not exceed the pre-development rate and volume for all storms up to the two-year, 24-hour storm at the project site? At a minimum, pre-development is the last land use prior to the planned new development or redevelopment. *A spreadsheet to assist with these calculations is available at* www.michigan.gov/documents/deq/wb-storm-MS4-RunoffVolume_331235_7.xls

- ☒ Yes, ordinance or other regulatory mechanism reference (page and paragraph of attachments): See Wayne County Storm Water Management Standards, Chapter 8
☐ No, the ordinance or other regulatory mechanism will be available on _____
☐ The ordinance or other regulatory mechanism is/will be available on _____ and includes the following channel protection standard. Provide an explanation as to how the channel protection standard will prevent or minimize water quality impacts.

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40. Does the ordinance or other regulatory mechanism exclude any waterbodies from the channel protection performance standard? The channel protection performance standard is not required for the following waterbodies: the Great Lakes or connecting channels of the Great Lakes; Rouge River downstream of the Turning Basin; Saginaw River; Mona Lake and Muskegon Lake (Muskegon County); and Lake Macatawa and Spring Lake (Ottawa County).

☐ Yes, ordinance or other regulatory mechanism reference (page and paragraph of attachments): _____
☐ No, the ordinance or other regulatory mechanism will be available on _____
☒ Not applicable

Site-Specific Requirements

41. Provide the procedure for reviewing the use of infiltration BMPs to meet the water quality treatment and channel protection standards for new development or redevelopment projects in areas of soil or groundwater contamination in a manner that does not exacerbate existing conditions. The procedure shall include the process for coordinating with MDEQ staff as appropriate.

Procedure Reference (page and paragraph of attachments): See Wayne County Storm Water Management Standards, Chapter 8

42. Does the ordinance or other regulatory mechanism require BMPs to address the associated pollutants in potential hot spots as part of meeting the water quality treatment and channel protection standards for new development or redevelopment projects? Hot spots include areas with the potential for significant pollutant loading such as gas stations, commercial vehicle maintenance and repair, auto recyclers, recycling centers, and scrap yards. Hot spots also include areas with the potential for contaminating public water supply intakes.

☒ Yes, ordinance or other regulatory mechanism reference (page and paragraph of attachments): See Wayne County Storm
☐ No, the ordinance or other regulatory mechanism will be available on _____ Water Management Standards, Chapter 4

Off-Site Mitigation and Payment in Lieu Programs

43. Does the ordinance or other regulatory mechanism allow for the approval of off-site mitigation for redevelopment projects that cannot meet 100 percent of the performance standards on-site after maximizing storm water retention? Off-site mitigation refers to BMPs implemented at another location within the same jurisdiction and watershed/sewershed as the original project. *A watershed is the geographic area included in a 10-digit Hydrologic Unit Code and a sewershed is the area where storm water is conveyed by the applicant's MS4 to a common outfall or point of discharge.*

☐ Yes, ordinance or other regulatory mechanism reference (page and paragraph of attachments): _____
☐ No, the ordinance or other regulatory mechanism will be available on _____
☒ Not pursuing this option

44. Does the ordinance or other regulatory mechanism allow for the approval of payment in lieu for projects that cannot meet 100 percent of the performance standards on-site after maximizing storm water retention? A payment in lieu program refers to a developer paying a fee to the applicant that is applied to a public storm water management project within the same jurisdiction and watershed/sewershed as the original project in lieu of installing the required BMPs onsite. The storm water management project may be either a new BMP or a retrofit to an existing BMP and shall be developed in accordance with the applicant's performance standards. *A watershed is the geographic area included in a 10-digit Hydrologic Unit Code and a sewershed is the area where storm water is conveyed by the applicant's MS4 to a common outfall or point of discharge.*

☐ Yes, ordinance or other regulatory mechanism reference (page and paragraph of attachments): _____
☐ No, the ordinance or other regulatory mechanism will be available on _____
☒ Not pursuing this option. If "not pursuing this option" was selected for both Questions 43 and 44, skip to Question 52.

45. Does the ordinance or other regulatory mechanism establish criteria for determining the conditions under which off-site mitigation and/or payment in lieu are available and require technical justification as to the infeasibility of on-site management? The determination that performance standards cannot be met on-site shall not be based solely on the difficulty or cost of implementing, but shall be based on multiple criteria related to the physical constraints of the project site, such as: too small of a lot outside of the building footprint to create the necessary infiltrative capacity even with amended soils; soil instability as documented by a thorough geotechnical analysis; a site use that is inconsistent with the capture and reuse of storm water; too much shade or other physical conditions that preclude adequate use of plants. The criteria shall also include consideration of the stream order and location within the watershed/sewershed as it relates to the water quality impacts from the original project site (*e.g., the water quality impact from a project site with a discharge to a small-sized stream would be greater than a project site on a large river and an offset downstream of the project site may provide less water quality benefit.*) The highest preference for off-site mitigation and in lieu projects shall be given to locations that yield benefits to the same receiving water that received runoff from the original project site.

☐ Yes, ordinance or other regulatory mechanism reference (page and paragraph of attachments): _____
☐ No, the ordinance or other regulatory mechanism will be available on _____

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46. Does the ordinance or other regulatory mechanism establish a minimum amount of storm water to be managed on-site as a first tier for off-site mitigation or payment in lieu? A higher offset ratio is required if off-site mitigation or payment in lieu is requested for the amount of storm water identified as the first tier. *For example, a minimum of 0.4 inches of storm water runoff shall be managed on-site as a first tier.*

☐ Yes, ordinance or other regulatory mechanism reference (page and paragraph of attachments): _____
☐ No, the ordinance or other regulatory mechanism will be available on _____
☐ The ordinance or other regulatory mechanism requires the following:

47. Does the ordinance or other regulatory mechanism require an offset ratio of 1:1.5 for the amount of storm water above the first tier (identified in Question 46) not managed on-site to the amount of storm water required to be mitigated at another site or for which in-lieu payments shall be made?

☐ Yes, ordinance or other regulatory mechanism reference (page and paragraph of attachments): _____
☐ No, the ordinance or other regulatory mechanism will be available on _____
☐ The ordinance or other regulatory mechanism requires the following:

48. Does the ordinance or other regulatory mechanism require that if demonstrated by the developer to the applicant that it is completely infeasible to manage the first tier of storm water identified in Question 47 on-site, the offset ratio for the unmanaged portion is 1:2?

☐ Yes, ordinance or other regulatory mechanism reference (page and paragraph of attachments): _____
☐ No, the ordinance or other regulatory mechanism will be available on _____
☐ The ordinance or other regulatory mechanism requires the following:

49. Does the ordinance or other regulatory mechanism require a schedule for completing off-site mitigation and in-lieu projects? *Off-site mitigation and in-lieu projects should be completed within 24 months after the start of the original project site construction.*

☐ Yes, ordinance or other regulatory mechanism reference (page and paragraph of attachments): _____
☐ No, the ordinance or other regulatory mechanism will be available on _____
☐ The ordinance or other regulatory mechanism requires the following:

50. Does the ordinance or other regulatory mechanism require that offsets and in-lieu projects be preserved and maintained in perpetuity, such as deed restrictions and long-term operation and maintenance?

☐ Yes, ordinance or other regulatory mechanism reference (page and paragraph of attachments): _____
☐ No, the ordinance or other regulatory mechanism will be available on _____
☐ The ordinance or other regulatory mechanism requires the following:

51. Describe the tracking system implemented, or to be implemented, to track off-site mitigation and/or in-lieu projects.

52. Are there any other exceptions to the performance standards, other than off-site mitigation and payment in lieu, being implemented or to be implemented during the permit cycle? The applicant shall demonstrate how the exception provides an equivalent or greater level of protection as the performance standards.

☐ Yes, demonstration reference (page and paragraph of attachments): _____ ☒ No

Site Plan Review

53. Does the ordinance or other regulatory mechanism include a requirement to submit a site plan for review and approval of post-construction storm water runoff BMPs?

☒ Yes, ordinance or regulatory mechanism reference (page and paragraph of attachments): See Appendix G and Ordinance
☐ No, the ordinance or regulatory mechanism will be available on _____

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54. Provide the procedure for site plan review and approval.

Procedure Reference (page and paragraph of attachments): Appendix G, City of Livonia Site Plan Design Standards, Section I, Part A

55. Provide the reference in the site plan review and approval procedure to the process for determining how the developer meets the performance standards and ensures long-term operation and maintenance of BMPs.

Procedure Reference (page and paragraph of attachments): Appendix G, City of Livonia Site Plan Design Standards, Section I, Part A

Long-Term Operation and Maintenance of BMPs

56. Does the ordinance or other regulatory mechanism require the long-term operation and maintenance of all structural and vegetative BMPs installed and implemented to meet the performance standards in perpetuity?

- ☒ Yes, ordinance or other regulatory mechanism reference (page and paragraph of attachments): Appendix G, City of Livonia Site
☐ No, the ordinance or other regulatory mechanism will be available on _____ Plan Design Standards, Section I, Part A

57. Does the ordinance or other regulatory mechanism require a maintenance agreement between the applicant and owners or operators responsible for the long-term operation and maintenance of structural and vegetative BMPs installed and implemented to meet the performance standards?

- ☒ Yes, ordinance or other regulatory mechanism reference (page and paragraph of attachments): Appendix G, City of Livonia Site
☐ No, the ordinance or other regulatory mechanism will be available on _____ Plan Design Standards, Section I, Part A
☐ The ordinance or other regulatory mechanism requires the following:

58. Does the maintenance agreement or other legal mechanism allow the applicant to complete the following? (Check if yes)

- ☐ Inspect the structural or vegetative BMP
☐ Perform the necessary maintenance or corrective actions neglected by the BMP owner or operator
☐ Track the transfer of operation and maintenance responsibility of the BMP (e.g., deed restrictions)

If any of the boxes above were not checked, provide a response explaining how the maintenance agreement or other legal mechanism allows the applicant to verify and ensure maintenance of the BMP.

See Wayne County Storm Water Management Standards, Chapter 9

59. Provide the procedure for tracking compliance with a maintenance agreement or other legal mechanism to ensure the performance standards are met in perpetuity.

Procedure Reference (page and paragraph of attachments): See Wayne County Storm Water Management Standards, Chapter 9

Pollution Prevention and Good Housekeeping Program

The applicant shall describe the current and proposed BMPs to meet the minimum control measure requirements for the Pollution Prevention and Good Housekeeping Program to the maximum extent practicable, which shall be incorporated into the SWMP. The applicant shall develop and implement a Pollution Prevention and Good Housekeeping Program to prevent or reduce the discharge of pollutants from municipal facilities and operations.

The following definitions apply to the terms used below:

- Fleet: A group of vehicles owned or operated as a unit.
- Maintenance (includes, but not limited to): adding/changing vehicle fluids, fueling, lubrication, painting, mechanical repairs, parts degreasing, and vehicle/equipment washing.
- Storage Yard (includes, but not limited to): areas where vehicles are stored longer than overnight/weekend; areas where road maintenance materials are stored; areas where vehicle maintenance materials are stored; areas where chemicals in bulk are stored; areas where catch basin cleaning wastes are stored; and areas where maintenance equipment such as mowers, tractors, vactor trucks, and sweepers is stored.

Please complete the questions below as appropriate. A "Not Applicable" response is appropriate in cases where the applicant does not own or operate a municipal facility or storm water structural control or does not perform the operation in the question. A measurable goal with a measure of assessment shall be included for each BMP, and, as appropriate, a schedule for implementation (months and years), including interim milestones and the frequency of the BMP. The responses shall reflect the nested MS4s identified in Section VI.

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Municipal Facility and Structural Storm Water Control Inventory

60. Provide an up-to-date inventory of applicant-owned or operated facilities and storm water structural controls with a discharge of storm water to surface waters of the state. The inventory shall include the location of each facility. **Provide an estimate of the number of structural storm water controls throughout the entire MS4 for each applicable category below (e.g., 100 catch basins and 7 detention basins).**

Inventory Reference (Page and Paragraph of Attachments): e.g., *Attachment A, Page 3, Section b* Appendix H - P2GH, Section D, Table 1

Check all applicant-owned or operated facilities with a discharge of storm water to surface waters of the state:

- | | |
|--|--|
| ☒ Administration buildings and libraries | ☐ Animal Control Building |
| ☐ Airports | ☐ Cemeteries |
| ☐ Chemical storage facilities | ☒ Fire Stations |
| ☒ Fuel Farms | ☒ Parks |
| ☒ Police Stations | ☒ Public golf courses |
| ☒ Public parking lots | ☐ Public schools |
| ☐ Recycling facilities | ☒ Vacant land and open space |
| ☒ Vehicle storage | |

Facilities that may have the high potential to discharge pollutants:

- | | |
|--|--|
| ☒ Bus Stations and Garages | ☐ Composting facilities |
| ☐ Hazardous waste handling/disposal/transfer facilities | ☒ Equipment storage and maintenance facilities |
| ☒ Fleet maintenance facilities | ☒ Materials storage and Public Works yards |
| ☒ Outdoor wash areas | ☒ Salt storage facilities |

☐ Other facilities – Provide a description below:

Check all applicant-owned or operated structural storm water controls with a discharge of storm water to surface waters of the state:

- | | |
|--|---|
| ☒ Catch basins | ☐ Constructed wetlands |
| ☒ Detention basins | ☐ Infiltration basins and trenches |
| ☐ Oil/water separators | ☐ Porous pavement |
| ☒ Pump Stations | ☐ Rain gardens |
| ☐ Secondary containment | ☒ Underground storage vaults or tanks |
| ☒ Vegetated swales | |

☐ Other structural storm water controls – Provide a description below:

61. Provide the location where an up-to-date map (or maps) is available with the location of the facilities and structural storm water controls identified in Question 60. *The location of the facilities and structural storm water controls may be included on the storm sewer system map maintained for the IDEP.*

The map (or maps) is available at the following location: DPW Administrative Building, 12973 Farmington Rd, Livonia, MI

62. Provide the procedure for updating and revising the inventory in Question 60 and map (or maps) identified in Question 61 as facilities and structural storm water controls are added, removed, or no longer owned or operated by the applicant. *A suggested timeframe for updating/revising the inventory and map(s) is 30 days following adding/removing a facility or structural storm water control.*

Procedure Reference (page and paragraph of attachments): Appendix H - P2GH General Procedures, Section C

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Facility-Specific Storm Water Management

63. Provide the procedure for assessing each facility identified in Question 60 for the potential to discharge pollutants to surface waters of the state. The procedure shall include a process for updating and revising the assessment. *A recommended timeframe for updating/revising the assessment is 30 days prior to discharging storm water from a new facility and within 30 days of determining a need to update/revise the facility assessment.*

The applicant should consider the following factors when assessing each facility:

- Amount of urban pollutants stored at the site (e.g., sediment, nutrients, metals, hydrocarbons, pesticides, fertilizers, herbicides, chlorides, trash, bacteria, or other site-specific pollutants)
- Identification of improperly stored materials
- The potential for polluting activities to be conducted outside (e.g., vehicle washing)
- Proximity to waterbodies
- Poor housekeeping practices
- Discharge of pollutants of concern to impaired waters

- ☒ Procedure Reference (page and paragraph of attachments): Appendix H - P2GH General Procedures, Section B
☐ Not Applicable – The applicant does not own a facility that discharges storm water to surface waters of the state in the urbanized area. Skip to Question 71.

64. Provide the list of prioritized facilities using the assessment in Question 63. Each facility shall be prioritized based on having the high, medium, or low potential to discharge pollutants to surface waters of the state. Facilities with the high potential for pollutant runoff shall include, but are not limited to, the applicant's fleet maintenance and storage yards. The applicant may submit a demonstration with a description of how the applicant's fleet maintenance and storage yard has the low potential to discharge pollutants to surface waters of the state.

- ☒ Prioritized Facility List (page and paragraph of attachments): Appendix H - P2GH General Procedures, Section D
☐ Fleet Maintenance and Storage Yard Demonstrations (page and paragraph of attachments): _____

65. Is a site-specific standard operating procedure (SOP) available identifying the structural and non-structural storm water controls implemented and maintained to prevent or reduce pollutant runoff at each facility with the high potential for pollutant runoff? The SOP shall be available at each facility with the high potential for pollutant runoff and upon request from the MDEQ. The SOP shall identify the person responsible for oversight of the facility. *The MDEQ may request the submission of the SOP during the application review process.*

- ☒ Yes, a site-specific SOP is available at each facility with the high potential for pollutant runoff
☐ Not Applicable – The applicant does not own or operate any facilities with the high potential for pollutant runoff. Skip to Question 70.

66. Provide the reference in the SOP, for each facility with the high potential for pollutant runoff, to the following: the list of significant materials stored on-site that could pollute storm water; the description of the handling and storage requirements for each significant material; and the potential to discharge the significant material.

SOP Reference (page and paragraph of attachments): _____

This space is available to reference multiple site-specific SOPs

Appendix H - P2GH DPW Facility; Appendix H - P2GH Glendale Storage Yard/Landfill

67. Provide the reference in the SOP, for each facility with the high potential for pollutant runoff, identifying the good housekeeping practices implemented at the site. *Good housekeeping practices include keeping the facility neat and orderly, properly storing and covering materials, and minimizing pollutant sources to prevent or reduce pollutant runoff.*

SOP Reference (page and paragraph of attachments): _____

This space is available to reference multiple site-specific SOPs

Appendix H - P2GH DPW Facility; Appendix H - P2GH Glendale Storage Yard/Landfill

68. Provide the reference in the SOP, for each facility with the high potential for pollutant runoff, to the description and schedule for conducting routine maintenance and inspections of storm water management and control devices to ensure materials and equipment are clean and orderly and to prevent or reduce pollutant runoff. *A biweekly schedule is recommended for routine inspections.*

SOP Reference (page and paragraph of attachments): _____

This space is available to reference multiple site-specific SOPs

Appendix H - P2GH DPW Facility; Appendix H - P2GH Glendale Storage Yard/Landfill

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69. Provide the reference in the SOP, for each facility with the high potential for pollutant runoff, to the description and schedule for conducting a comprehensive site inspection at least once every six months. The comprehensive inspection shall include an inspection of all structural storm water controls and a review of non-structural storm water controls to prevent or reduce pollutant runoff.

SOP Reference (page and paragraph of attachments): _____

This space is available to reference multiple site-specific SOPs

Appendix H - P2GH DPW Facility; Appendix H - P2GH Glendale Storage Yard/Landfill

70. Provide the procedure identifying the BMPs currently implemented or to be implemented during the permit cycle to prevent or reduce pollutant runoff at each facility with the **medium and lower potential for the discharge of pollutants** to surface waters of the state using the assessment and prioritized list in Questions 63 and 64.

Procedure Reference (page and paragraph of attachments): Appendix H - P2GH General Procedures, Section D

Structural Storm Water Control Operation and Maintenance Activities

71. Provide the procedure for prioritizing each catch basin for routine inspection, maintenance, and cleaning based on preventing or reducing pollutant runoff. The procedure shall include assigning a priority level for each catch basin and the associated inspection, maintenance and cleaning schedule based on preventing or reducing pollutant runoff. The procedure shall include a process for updating/revising the priority level for a catch basin giving consideration to inspection findings and citizen complaints. *A recommended timeframe for updating/revising the procedure is 30 days following the construction of a catch basin or a change in priority level.*

- ☒ Procedure Reference (page and paragraph of attachments): Appendix H - P2GH General Procedures, Section G
☐ Not Applicable – The applicant does not own or operate catch basins. Skip to Question 75.

72. Provide the geographic location of the catch basins in each priority level using either a narrative description or map.

Catch Basin Priority Location (page and paragraph of attachments): Appendix H - P2GH General Procedures, Section F

73. Provide the procedure for inspecting, cleaning, and maintaining catch basins to ensure proper performance. Proper cleaning methods include ensuring accumulated pollutants are not discharged during cleaning and are removed prior to discharging to surface waters of the state. *A compliance assistance document titled Catch Basin Cleaning Activities Guidance Document is available at http://www.michigan.gov/documents/deq/wb-stormwater-CatchBasinGuidance_216198_7.pdf.*

Procedure Reference (page and paragraph of attachments): Appendix H - P2GH General Procedures, Section G

74. Provide the procedure for dewatering, storage, and disposal of materials extracted from catch basins. *A compliance assistance document titled Catch Basin Cleaning Activities Guidance Document is available at http://www.michigan.gov/documents/deq/wb-stormwater-CatchBasinGuidance_216198_7.pdf.*

Procedure Reference (page and paragraph of attachments): Appendix H - P2GH General Procedures, Section H

75. Provide the procedure for inspecting and maintaining the structural storm water controls identified in Question 60, excluding the structural storm water controls included in an SOP as part of Question 65 and catch basins. The procedure shall include a description and schedule for inspecting and maintaining each structural storm water control and the process for disposing of maintenance waste materials. The procedure shall require that controls be maintained to reduce to the maximum extent practicable the contribution of pollutants to storm water. The procedure shall include a process for updating/revising the procedure to ensure a maintenance and inspection program for each structural storm water control. *A recommended timeframe for updating/revising the procedure is 30 days following the implementation of a new structural storm water control.*

- ☒ Procedure Reference (page and paragraph of attachments): Appendix H - P2GH DPW Facility
☐ Not Applicable – Applicant does not own or operate any structural storm water controls

76. Provide the procedure requiring new applicant-owned or operated facilities or new structural storm water controls for water **quantity** be designed and implemented in accordance with the post-construction storm water runoff control performance standards and long-term operation and maintenance requirements.

Procedure Reference (page and paragraph of attachments): Appendix H - P2GH General Procedures, Section K

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Municipal Operations and Maintenance Activities

77. Provide the procedure with the assessment of the applicant's operation and maintenance activities for the potential to discharge pollutants to surface waters of the state. The assessment shall identify all pollutants that could be discharged from each applicable operation and maintenance activity and the BMPs being implemented or to be implemented to prevent or reduce pollutant runoff. The procedure shall include a process for updating and revising the assessment. *A suggested timeframe for updating/revising the assessment is 30 days following adding/removing BMPs to address new and existing operation and maintenance activities.*

At a minimum, the procedure shall include assessing the following municipal operation and maintenance activities if applicable (check all that apply):

- ☒ Road, parking lot, and sidewalk maintenance (e.g., pothole, sidewalk, and curb and gutter repair)
- ☒ Bridge maintenance
- ☒ Right-of-way maintenance
- ☐ Unpaved road maintenance
- ☒ Cold weather operations (e.g., plowing, sanding, application of deicing agents, and snow pile disposal)
- ☒ Vehicle washing and maintenance of applicant-owned vehicles (e.g., police, fire, school bus, public works)

- ☒ Procedure Reference (page and paragraph of attachments): Appendix H - P2GH General Procedures; Appendix H - P2GH Glendale Storage Yard/Landfill
- ☐ Not Applicable – Provide an explanation below.

78. Provide the procedure for prioritizing applicant-owned or operated streets, parking lots, and other impervious infrastructure for street sweeping based on the potential to discharge pollutants to surface waters of the state. The procedure shall include assigning a priority level for each parking lot and street and the associated cleaning schedule (i.e., sweeping frequency and timing) based on preventing or reducing pollutant runoff. The procedure shall include a process for updating/revising the priority level giving consideration to street sweeping findings and citizen complaints. *A recommended timeframe for updating/revising the prioritization is 30 days following the construction of a new street, parking lot, or other applicant-owned or operated impervious surface or within 30 days of identifying a need to revise a priority level.*

- ☒ Procedure Reference (page and paragraph of attachments): Appendix H - P2GH General Procedures, Section I
- ☐ Not Applicable – The applicant does not own or operate any streets, parking lots, or other impervious infrastructure. Skip to Question 82.

79. Provide the geographic location of the streets, parking lots, and other impervious surfaces in each priority level using either a narrative description or map.

Street Sweeping Priority Location (page and paragraph of attachments): Appendix H - P2GH General Procedures, Section I

80. Provide the procedure identifying the sweeping methods based on the applicant's sweeping equipment and use of additional resources in sweeping seasonal leaves or pick-up of other materials. *Proper sweeping methods include operating sweeping equipment according to the manufacturers' operating instructions and to protect water quality.*

Procedure Reference (page and paragraph of attachments): Appendix H - P2GH General Procedures, Section I

81. Provide the procedure for dewatering, storage, and disposal of street sweeper waste material. *A compliance assistance document titled Catch Basin Cleaning Activities Guidance Document is available at http://www.michigan.gov/documents/deq/wb-stormwater-CatchBasinGuidance_216198_7.pdf.*

Procedure Reference (page and paragraph of attachments): Appendix H - P2GH General Procedures, Section H

Managing Vegetated Properties

82. Provide the procedure requiring the applicant's pesticide applicator to be certified by the State of Michigan as an applicator in the applicable category, to prevent or reduce pollutant runoff from vegetated land. A description of the categories is located at http://www.michigan.gov/mdard/0,4610,7-125-1569_16988_35289-11992--,00.html

- ☒ Procedure Reference (page and paragraph of attachments): Appendix H - P2GH General Procedures, Section L
- ☐ Not Applicable – Provide an explanation below (e.g., the applicant's pesticide applicator only uses ready-to-use products from the original container).

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Contractor Requirements and Oversight

83. Provide the procedure requiring contractors hired by the applicant to perform municipal operation and maintenance activities comply with all pollution prevention and good housekeeping BMPs as appropriate. The procedure shall include the process implemented for providing oversight of contractor activities to ensure compliance.

Procedure Reference (Page and Paragraph of Attachments): Appendix H - P2GH General Procedures, Section N

Employee Training

84. Provide the employee training program to train employees involved in implementing or overseeing the pollution prevention and good housekeeping program. The program shall include the training schedule. At a minimum, existing staff shall be trained once during the permit cycle and within the first year of hire for new staff.

Program Reference (Page and Paragraph of Attachments): Appendix H - P2GH General Procedures, Section M

Total Maximum Daily Load (TMDL) Implementation Plan

The following questions address discharges to impaired waters with a USEPA approved TMDL that includes a pollutant load allocation assigned to the permittee's MS4. BMPs shall be implemented to reduce the discharge of the TMDL pollutant from the MS4 to make progress in meeting Water Quality Standards. Applicable TMDLs are TMDLs approved prior to the applicant being notified of the need to apply for permit reissuance. Applicable TMDLs for the applicant were provided in the application notice letter.

The applicant shall describe the current and proposed BMPs to meet the minimum requirements for the TMDL Implementation Plan, which shall be incorporated into the SWMP. Please indicate in your response, if you are or will be working collaboratively with watershed or regional partners on any or all activities in the TMDL Implementation Plan during the permit cycle. The following questions represent the minimum requirements for a TMDL Implementation Plan. Please complete the following questions as appropriate. A measurable goal with a measure of assessment shall be included for each BMP, and, as appropriate, a schedule for implementation (months and years), including interim milestones and the frequency of the BMP. The responses shall reflect the nested MS4s identified in Section VI.

The USEPA has a document to assist with developing a TMDL Implementation Plan available at http://water.epa.gov/lawsregs/lawsguidance/cwa/tmdl/upload/region3_factsheet_tmdl.pdf.

- ☒ Proposing to work collaboratively on any or all activities in the TMDL Implementation Plan during the permit cycle.

85. Was a TMDL included in the applicant's application notice?

☒ Yes, the following approved USEPA TMDL(s) was included in my application notice letter:

☐ No, Skip to Section VIII.

86. Provide the procedure for identifying and prioritizing BMPs currently being implemented or to be implemented during the permit cycle to make progress toward achieving the pollutant load reduction requirement in each TMDL identified in Question 85. The procedure shall include a process for reviewing, updating, and revising BMPs implemented or to be implemented to ensure progress in achieving the TMDL pollutant load reduction.

Procedure Reference (page and paragraph of attachments): *e.g., Attachment A, Page 3, Section b* See Appendix I

87. Provide the list of prioritized BMPs currently being implemented or to be implemented during the permit cycle to make progress toward achieving the pollutant load reduction requirement in each TMDL identified in Question 85. Each BMP shall include a reference to the targeted TMDL pollutant.

TMDL BMP Priority List (page and paragraph of attachments): See Appendix I

88. Provide the monitoring plan for assessing the effectiveness of the BMPs currently being implemented, or to be implemented, in making progress toward achieving the TMDL pollutant load reduction requirement, including a schedule for completing the monitoring. Monitoring shall be specifically for the pollutant identified in the TMDL. Monitoring may include, but is not limited to, outfall monitoring, in-stream monitoring, or modeling. At a minimum, monitoring shall be conducted two times during the permit cycle or at a frequency sufficient to determine if the BMPs are adequate in making progress toward achieving the TMDL pollutant load reduction. *Existing monitoring data may be submitted for review as part of the plan to meet part of the monitoring requirement.*

TMDL Monitoring Plan (page and paragraph of attachments): See Appendix I

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SECTION VIII. CERTIFICATION

Rule 323.2114(1-4), promulgated under the NREPA, requires that this Application be signed by either a principal executive officer or ranking elected official (e.g., mayor, village president, city or village manager, or clerk). Note: If the signatory is not a principal executive officer or ranking elected official, but is authorized to sign the Application, please provide documentation of the authorization.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision In accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for having knowledge of violations."

I understand that my signature constitutes a legal agreement to comply with the requirements of the NPDES Permit. I certify under penalty of law that I possess full authority on behalf of the legal owner/permittee to sign and submit this Application. I certify to the best of my knowledge that it is true, accurate and meets the minimum permit requirements for a SWMP to the MEP.

Print Name: **Doug Moore**

Title: **Superintendent of Public Service**

Representing: **City of Livonia**

Signature:

Date:

STORM WATER DISCHARGE PERMIT APPLICATION

Table 2: Public Education Program Best Management Practices (BMPs)

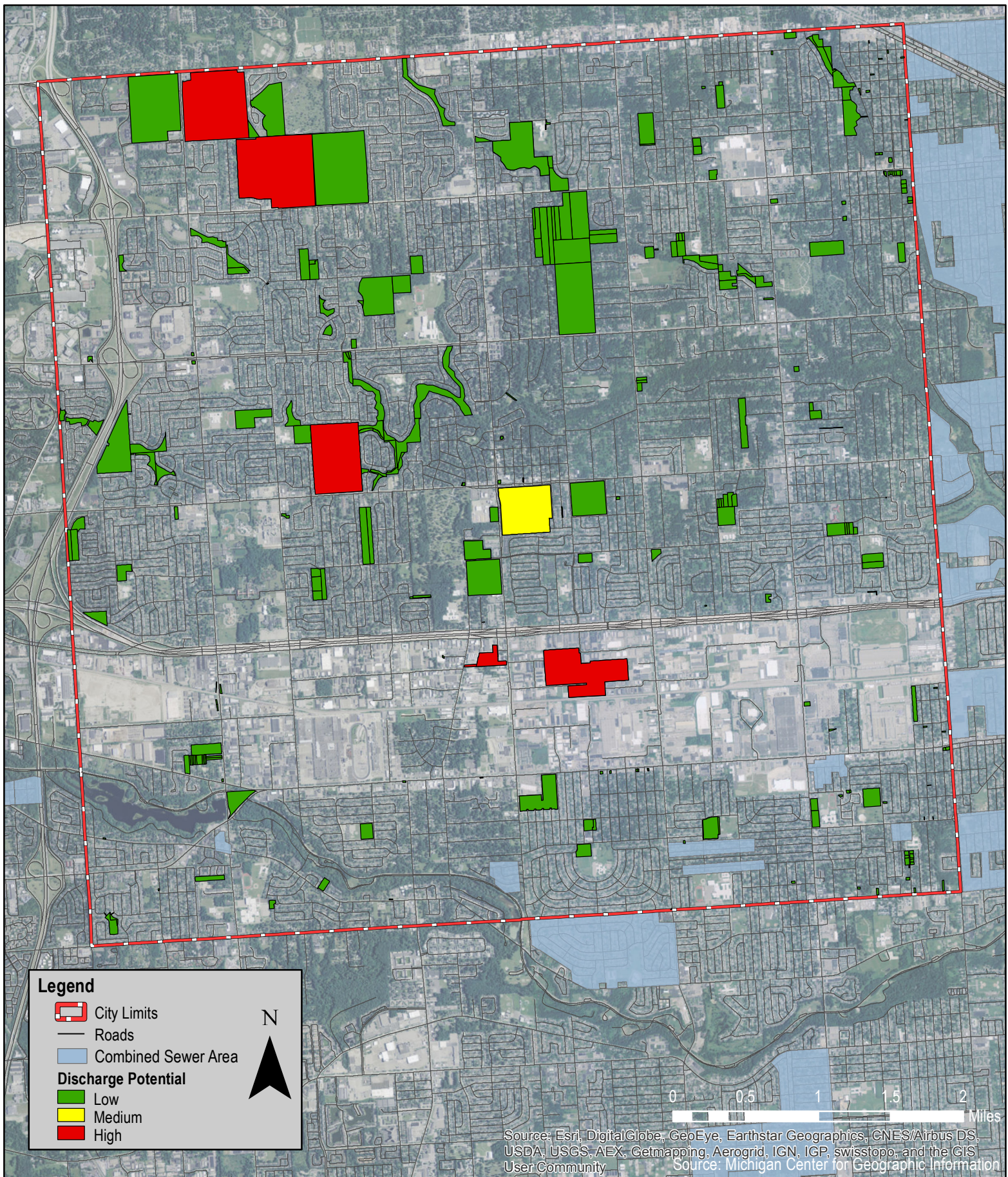
PEP Topic	BMP Identifier	BMP Descriptor	Partner Collaboration	Target Audience	Key Messages	Delivery Mechanism	Year	Frequency	Responsible Party	Measurable Goal
A B C D E F G H I	1	Distribute pollution prevention literature on various topics through brochures, educational materials and other media	ARC member communities, counties and cooperative partners	General public	Educating on public connection of MS4 to area waterbodies, public reporting illicit discharge, septic system care and failure, proper disposal of pesticides, herbicides and fertilizers, public responsibility and stewardship in the Rouge River watershed, proper disposal of grass, leaf and animal wastes, promote HHHW including trailer, motor vehicle and chemical waste, GI and LID, cleaning materials and proper car, pavement and power washing.	Brochures, educational materials and electronic media	Ongoing	Current and new items annually	ARC member communities listed in Appendix D, Attachment A	Amount of materials distributed, number of views through electronic media
A B C D E F G H I J	2	Coordinate existing and create new community articles and ad graphics on pollution prevention and watershed restoration and stewardship	ARC member communities, counties and cooperative partners	General public, businesses	Educating on connection of MS4 to area waterbodies, public reporting illicit discharge, septic system care and failure, proper disposal of pesticides, herbicides and fertilizers, public responsibility and stewardship in the Rouge River watershed, proper disposal of grass, leaf and animal wastes, promote HHHW including trailer, motor vehicle and chemical waste, GI and LID, cleaning materials and proper car, pavement and power washing and educate commercial, industrial and educational institutional entities about pollution prevention.	Articles and ad graphics	Ongoing	Current items annually; five new articles and/or ad graphics during the permit cycle	ARC member communities listed in Appendix D, Attachment A	List of articles/ad graphics distributed, number of views on websites/social media
A B C D	3	Provide static displays and posters on pollution	ARC member communities, counties and	General public	Educating on connection of MS4 to area waterbodies, public reporting illicit discharge, septic system care	Static displays and posters	Current displays – ongoing; new	Current displays annually; up to 4 new	ARC member communities listed in	Date and title of events static displays used at, number of posters distributed annually and

PEP Topic	BMP Identifier	BMP Descriptor	Partner Collaboration	Target Audience	Key Messages	Delivery Mechanism	Year	Frequency	Responsible Party	Measurable Goal
E F G H I		prevention and watershed restoration and stewardship	cooperative partners		and failure, proper disposal of pesticides, herbicides and fertilizers, public responsibility and stewardship in the Rouge River watershed, proper disposal of grass, leaf and animal wastes, promote HHHW including trailer, motor vehicle and chemical waste, GI and LID, cleaning materials and proper car, pavement and power washing.		posters in 2016 and new displays during the permit cycle	posters in 2016 and then annually; new static displays annually upon completion	Appendix D, Attachment A	where posters were displayed
A B C E G J	4	Promote environmental hotlines to educate the public on illicit discharges and promote public reporting of illicit discharges and improper disposal of materials into the MS4	ARC member communities, Wayne County, Oakland County, Washtenaw County, State of Michigan	General public, municipal employees and businesses	Educating on connection of MS4 to area waterbodies, public reporting illicit discharge, public responsibility and stewardship in the Rouge River watershed, proper disposal of pesticides, herbicides and fertilizers, promote HHHW including trailer, motor vehicle and chemical waste, educate commercial, industrial and educational institutional entities about pollution prevention.	Websites, social media, brochures, electronic media, at events and trainings	Ongoing	Annually	ARC member communities listed in Appendix D, Attachment A	Number of materials distributed and number of views on website/social media
A B C D E F G H I	5	Development of "homeowners" materials to promote the importance of pollution prevention and watershed restoration and stewardship	ARC member communities, counties and cooperative partners	General public	Educating on connection of MS4 to area waterbodies, public reporting illicit discharge, septic system care and failure, proper disposal of pesticides, herbicides and fertilizers, public responsibility and stewardship in the Rouge River watershed, proper disposal of grass, leaf and animal wastes, promote HHHW including trailer, motor vehicle and chemical waste, GI and LID, and cleaning materials and proper car, pavement and power washing	Brochure	During the permit cycle	Annually	ARC member communities listed in Appendix D, Attachment A	Number of materials distributed
A B C D E F G H I	6	Develop and promote educational workshops and presentations	ARC member communities, Friends of the Rouge and counties and cooperative partners	General public, businesses	Educating on connection of MS4 to area waterbodies, public reporting illicit discharge, septic system care and failure, proper disposal of pesticides, herbicides and fertilizers, public responsibility and stewardship in the Rouge River watershed, proper	Workshops and presentations	Ongoing	6 during the permit cycle	ARC member communities listed in Appendix D, Attachment A	Sign-in sheets and topics from workshops/presentations and number of materials distributed

PEP Topic	BMP Identifier	BMP Descriptor	Partner Collaboration	Target Audience	Key Messages	Delivery Mechanism	Year	Frequency	Responsible Party	Measurable Goal
J					disposal of grass, leaf and animal wastes, promote HHHW including trailer, motor vehicle and chemical waste, GI and LID, cleaning materials and proper car, pavement and power washing and educate commercial, industrial and educational institutional entities about pollution prevention.					
A B C D E F G H I J	7	Promote and support volunteer activities	ARC member communities, Wayne County, Oakland County, Washtenaw County, Friends of the Rouge, Cranbrook Institute of Science, University of Michigan - Dearborn	General public, businesses and schools	Promoting the importance of volunteer activities in the Rouge River Watershed such as River Day, Rouge Rescue, workdays, water festivals and green schools programs will encourage public responsibility and stewardship in the Rouge River.	Website/social media, materials distributed and presentations and workdays	Ongoing	Promotion of activities will be annually and up to 4 workdays may be hosted during the permit cycle	ARC members listed in Appendix D, Attachment A	Number of views on website/social media, number of volunteers attending various events and survey results from various events
A B C I J	8	Promotion and support volunteer monitoring activities within the Rouge River Watershed	ARC member communities, Wayne County, Oakland County, Washtenaw County, Friends of the Rouge	General public and businesses	Promote the importance of pollution prevention and watershed restoration and stewardship through volunteer monitoring. This monitoring may include general macroinvertebrates, stoneflies, and frogs and toads and/or fish. Volunteer monitoring will provide education, build stewardship and provided valuable data for the protection and restoration of the Rouge River.	Website/social media, materials distributed and presentations	Ongoing	Minimum of once during the permit cycle with 1 Winter Stonefly Search and 1 Spring Bug Hunt or other like programs, 1 Fall Bug Hunt and 2 other volunteer monitoring training exercises and/or workshops	ARC members listed in Appendix D, Attachment A	Number of public and businesses attending monitoring events and survey results from various events

PEP Topic	BMP Identifier	BMP Descriptor	Partner Collaboration	Target Audience	Key Messages	Delivery Mechanism	Year	Frequency	Responsible Party	Measurable Goal
A B F I	9	Rouge River Watershed signage	ARC member communities, Wayne County, Oakland County, and Washtenaw County	General public	River/Road Crossing signs, Don't Feed the Geese/Waterfowl signs, and Grow Zone signs and disposal practices of animal waste or other pollution prevention topic. This activity helps to educate and increase public awareness about the interconnectedness of the watershed and the storm sewer system.	Signs and sticker	Ongoing and one new sign and/or bumper sticker during the permit cycle	Annually	ARC members listed in Appendix D, Attachment A	Documentation of current signage, maintenance required, and future signage placement and the number of new signs/stickers distributed
A B C D E F G H I J	10	Continued participation in regional partnership activities	ARC member communities, Wayne County, Oakland County, Washtenaw County, SEMCOG, and various other organizations as opportunities arise	Organizations, businesses and governmental agencies	To build partnerships with organizations like the Alliance of Downriver Watersheds, SEMCOG, Great Lakes Commission and other regional partners to coordinate storm water permit related public education and other storm water related initiatives.	Participate and collaborate with regional partners	Ongoing	Annually	ARC members listed in Appendix D, Attachment A	Meeting dates, summaries of activities and partner annual reports

APPENDIX A
Outfall and Point of Discharge Information



City of Livonia Facilities Location Map

Wayne County, Michigan



APPENDIX B
Enforcement Response Procedure

1.12.010 - Code violations constitute misdemeanors or civil infractions—Offenses by minors—Penalty—Additional remedy.

- A. It is unlawful and constitutes a misdemeanor for any person to violate or fail to comply with any of the provisions of this Code, unless such violation or failure is by state statute declared to be a felony; provided further, however, that any violation of this Code declared by Act No. 510 of the Public Acts of 1978, as amended, to be a civil infraction, is declared to be a civil infraction in this Code. Except as set forth in 10.03.050 of this Code, every person convicted of a misdemeanor for a violation of or failure to comply with any provision of this Code or any regulation lawfully promulgated pursuant thereto shall, unless otherwise prescribed in this Code, be punished by a) a fine of not more than five hundred dollars (\$500.00), b) imprisonment for a period of time not to exceed ninety (90) days, or, where allowed by law, ninety-three (93) days, c) any other costs permitted by law, or d) any combination of the foregoing, in the discretion of the court.
- B. Any minor under the age of seventeen (17) years who violates any provision of this Code or any ordinance of the City shall be dealt with by the juvenile division of the probate court, except as otherwise prescribed by the laws of the state including, but not limited to, the civil infraction provisions of the Michigan Motor Vehicle Code.
- C. In addition to all other remedies, the City may commence and prosecute appropriate actions or proceedings in court to restrain or prevent any noncompliance with or violation of any of the provisions of this Code, or to correct, remedy or abate such noncompliance or violation. (Ord. 2885, § 1, 2012: Ord. No. 2611, § 1, 2003: Ord. 1709 § 1, 1983: prior code § 1-110)

1.12.020 - Continuing violations.

In addition to the penalties hereinabove provided, any condition caused or permitted to exist in violation of any of the provisions of this code or any ordinance shall be deemed a new and separate offense for each day that such condition continues to exist. (Prior code § 1-111)

15.36.020 - Enabling authority—Designation of municipal enforcing agency.

- A. It is the intent of the City to become the municipal enforcing agency in regard to implementing the provisions of Part 91, Soil Erosion and Sedimentation Control ("Part 91"), of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (the "Act"), MCL 324.9101 et seq.), adopting by reference the latest rules promulgated by the Michigan Department of Environmental Quality relative to Part 91 within the municipal corporate limits of the City. Wherever the provisions of this Chapter conflict with those of Part 91, the more restrictive standard shall govern.
- B. The Engineering Division of the Department of Public Works is designated as the Municipal Enforcing Agency responsible for administering and enforcing Part 91 and rules promulgated thereunder, as well as this ordinance, within the City. (Ord. 2679, § 1, 2004)

15.36.090 - Failure to complete work—Work performed by City when—Costs.

In the event of failure to complete the work or failure to comply with all the requirements, conditions and terms of permit, the City Engineer may order such work as is necessary to eliminate any danger to persons or property and to leave the site in a safe condition, and he may authorize completion of all necessary temporary or permanent soil erosion and sedimentation control measures. The permittee and the person issuing the instrument of credit or making the cash deposit shall continue to be firmly bound under a continuing obligation for the payment of all necessary costs and expenses that may be insured or expended by the City in causing any and all such work to be done. In the case of a cash deposit, any unused portion thereof shall be refunded to the permittee. (Ord. 2679, § 1, 2004)

15.36.180 - Enforcement.

- A. If the Engineering Division determines that soil erosion or sedimentation of adjacent properties or the waters of the State has or will reasonably occur from land in violation of this chapter, Part 91, or the rules promulgated under Part 91, the Engineering Division may seek to enforce such a violation by notifying the person who owns the land, by mail, with return receipt requested, of its determination. The notice shall contain a description of the violation and what must be done to remedy the violation and shall specify a time to comply with this chapter, Part 91, and the rules promulgated under Part 91.
- B. Within five (5) days after the issuance of such notice of violation, the person who owns the land subject to the notice shall implement and maintain soil erosion and sedimentation control measures in conformance with this chapter, Part 91, and the rules promulgated under Part 91.
- C. Not sooner than five (5) days after such notice has been mailed, if the condition of the land, in the opinion of the Engineering Division, may result in or contribute to soil erosion or sedimentation of adjacent properties or to the waters of the State, and if soil erosion and sedimentation control measures in conformance with this chapter, Part 91, and the rules promulgated under Part 91 are not in place, the Engineering Division or its designee may enter upon the land and construct, implement, and maintain soil erosion and sedimentation control measures in conformance with this chapter, Part 91, and the rules promulgated under Part 91. However, the enforcing agency shall not expend more than ten thousand dollars (\$10,000.00) for the cost of the work, materials, labor, and administration without prior written notice in the notice provided in subsection (A) above for the owner of the land that the expenditure of more than ten thousand dollars (\$10,000.00) may be made. If more than ten thousand dollars (\$10,000.00) is to be expended under this Section, then the work shall not begin until at least ten (10) days after the notice of violation has been mailed.
- D. Notwithstanding the existence or pursuit of any other remedy, the City may maintain an action in its own name in any court of competent jurisdiction for an injunction or other process against any person to restrain or prevent violations of this chapter.
- E. The City Engineer or his/her duly authorized agents, may enter at all reasonable times in or upon any private or public property for the purpose of inspecting and investigating conditions and practices which may be a violation of this chapter, Part 91, or the rules promulgated pursuant to Part 91. (Ord. 2679, § 1, 2004)

APPENDIX C

Collaborative Public Participation/Involvement Program (PPP)

Click [here](#) for link to Collaborative PPP Plan

APPENDIX D

Collaborative Public Education Program (PEP)

Click [here](#) for link to Collaborative PEP Plan

APPENDIX E

Collaborative Illicit Discharge Elimination Plan (IDEP)

Click [here](#) for link to Collaborative IDEP

APPENDIX F
Construction Stormwater Runoff Control

STANDARD OPERATING PROCEDURE CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

PREPARED FOR:

THE CITY OF LIVONIA
12973 FARMINGTON ROAD, LIVONIA, MICHIGAN 48150



APRIL 2016

SECTION A – PURPOSE

The MDEQ NPDES Phase II Stormwater Discharge Permit Application requires a description of current and proposed BMPs to meet the minimum Soil Erosion and Sedimentation Control measure requirements for the construction stormwater runoff control program to the maximum extent practicable. The City of Livonia does administer a Part 91 program and is a designated Municipal Enforcement Agency. The following standard operating procedure provides a description of the procedures the City requires for construction site runoff control that includes notification procedures and ensuring proper permits are obtained by those disturbing greater than one acre of soil or are within 500 feet of a lake shore, stream bank, or wetland.

SECTION B – APPLICATION PROCEDURE

Prior to any earth disturbance, the City will ensure that construction activities of one acre or greater in total earth disturbance with the potential to discharge to the MS4 does obtain a Part 91 Permit and/or a State of Michigan Permit by Rule or is reviewed by an approved Authorized Public Agency through the site plan review process. These requirements are documented in both the City's Building Code and Grading and Soil Erosion Control Ordinances.

B.1 Chapter 15.36.040 – Plan Requirements

- a. *"A soil erosion and sedimentation control permit is required when an earth change is proposed which is within five hundred (500) feet of a lake or stream or will disturb one (1) or more acres of land."*
- b. *"Prior to issuance of the permit, an erosion and sedimentation control application and plan shall be submitted to the City Engineer in accordance with the rules promulgated under Part 91."*

B.2 Chapter 15.04.250 – Plot Plan

"There shall also be filed a plot plan drawn in accordance with an accurate boundary line survey showing to scale the size and location of all the new construction and all existing structures on the site and distances from lot lines. The plot plan shall also show the established street grades, proposed structures, existing structures, sidewalk and easement final grades and elevations at each lot corner and at all other grade change points. All grades are to be in accordance with any subdivision development plans that have been previously approved for the property. The Building Official shall be responsible for the review and approval of the plot plan as to grades before any building permit may be issued."

B.3 Chapter 15.04.260 – Building Grade Requirements

"Subsequent to the issuance of a building permit and prior to the commencement of construction, the permit holder or his authorized agent shall set survey stakes on the property which shall delineate the building grade in conformance with the approved plot plan"

SECTION C – INSPECTIONS/COMPLAINTS

As the Part 91 regulating authority, the City will inspect active construction sites that have obtained a Soil Erosion and Sedimentation Control Permit from the City.

C.1 Chapter 15.36.170 – Inspection Requirements

- a. *“The requirements of this chapter shall be enforced by the City Engineer. The City Engineer shall inspect the work and may require adequate inspection of compaction of by a soil engineer or by a soil testing agency approved by the City Engineer.”*
- b. *“If the City Engineer finds any conditions not as stating in any application, grading permit or approved plan, he/she may refuse to approve further work until approval of a revised grading plan which will conform to the existing conditions.”*

Complaints regarding soil erosion and sedimentation control issues made by the public will be forward to the City Engineer’s office. At that time, the City Engineer will direct a site inspection to document any violations of the soil erosion and sedimentation control/grading permit within 2 to 48 hours and pursue enforcement actions as appropriate. See the Enforcement Response Procedure for a summary of the enforcement protocols to ensure compliance with the City’s Part 91 program.

SECTION D – MEASUREABLE GOALS

To demonstrate the effectiveness of the City’s Part 91 program, the following metrics will be tracked for reporting purposes:

- Number of Part 91 related complaints received.
- Number of Part 91 permits issued by the City.
- Number of enforcement actions taken to achieve compliance with the City’s Part 91 program.

These metrics will be tracked over the reporting cycle that is specified in the City’s Certificate of Coverage for the MS4 Permit.

SECTION E – REPORTABLE DISCHARGES

The City will not report instances of *de minimis* soil discharges to MDEQ. For instances where the discharge of sediment cannot be immediately contained on site, or if there are other pollutants that include pesticides, petroleum derivatives, construction chemicals, and solid waste associated with the discharge in quantities that are consistent with the spill response plan as defined in the collaborative IDEP, the City will notify the MDEQ within 24 hours through the Pollution Emergency Alert System (PEAS) at 1-800-292-4706.

SECTION F –STATE OF MICHIGAN PERMIT BY RULE

The City shall advise the landowner or recorded easement holder of the State of Michigan Permit by Rule (Rule 323.2190) for storm water discharge from construction activity if the area of the disturbance is greater than 5 acres. These criteria will be identified during the site plan review process and will be included in correspondence with the landowner as appropriate.

SECTION G – PROCESS FOR REVISION

Any questions on this policy and procedure should be directed to the Stormwater Manager or the City Manager. This procedure shall be reviewed once per permit cycle by the Stormwater Manager for any updates to streamline the requirements.

APPENDIX G
Post-Construction Stormwater Runoff Program

STANDARD OPERATING PROCEDURE POST CONSTRUCTION STORMWATER RUNOFF CONTROL

PREPARED FOR:

THE CITY OF LIVONIA
12973 FARMINGTON ROAD, LIVONIA, MICHIGAN 48150



APRIL 2016

SECTION A – PURPOSE

The MDEQ NPDES Phase II Stormwater Discharge Permit Application requires a description of current and proposed BMPs to meet the minimum control measure requirements for the post-construction stormwater runoff control program to the maximum extent practicable. Post-construction stormwater runoff controls are necessary to maintain or restore stable hydrology in receiving waters by limiting surface runoff rates and volumes and reducing pollutant loadings from site that undergo development or significant redevelopment.

SECTION B – ADOPTION OF COUNTY STANDARDS

The City of Livonia has adopted the Wayne County Stormwater Management Standards. Should any revisions to these standards be implemented by the County, the City will subsequently review and implement the revised standards as appropriate.

SECTION C – MEASURABLE GOALS

To demonstrate the effectiveness of the post construction stormwater runoff control program, the following metrics will be tracked for reporting purposes:

- Number of stormwater site plan reviews requested and completed
- Number of maintenance violations of constructed BMPs
- Number of instances where the City had to undertake corrective measures

These metrics will be tracked over the reporting cycle that is specified in the City's Certificate of Coverage.

SECTION D – PROCESS FOR REVISION

This procedure shall be reviewed every two years by the Stormwater Manager for any updates to streamline the requirements.

APPENDIX H
Pollution Prevention and Good Housekeeping

STANDARD OPERATING PROCEDURE POLLUTION PREVENTION AND GOOD HOUSEKEEPING

GENERAL PROCEDURES

PREPARED FOR:

THE CITY OF LIVONIA
12973 FARMINGTON ROAD, LIVONIA, MICHIGAN 48150



APRIL 2016

SECTION A – PURPOSE

The MDEQ NPDES Phase II Stormwater Discharge Permit Application requires a description of current and proposed Best Management Practices (BMPs) to meet the minimum control measure requirements for the Pollution Prevention and Good Housekeeping Program to the maximum extent practicable to prevent or reduce the discharge of pollutants from municipal facilities and operations.

SECTION B – FACILITY ASSESSMENT AND PRIORITIZATION

City owned and operated facilities have been assessed for their potential to discharge pollutants to the waters of the state. Each facility was evaluated based on the following criteria:

1. Amount of urban pollutants stored at the site (i.e. sediment, nutrients, metals, hydrocarbons, pesticides, fertilizers, herbicides, chlorides, trash, bacteria, or other site-specific pollutants)
2. Identification of improperly stored materials
3. Potential for polluting activities to be conducted outside (i.e. vehicle washing)
4. Proximity to water bodies
5. Poor housekeeping practices
6. Discharge of pollutants of concern to impaired waters

Based on these criteria, the potential for each facility to discharge pollutants to the waters of the state were rated high, medium, or low. For “low” facilities where no assessment factors are present, catch basin cleaning and street sweeping will be performed as indicated in the applicable procedures for these activities. For “medium facilities”, appropriate BMPs are considered based on the assessment factors present to prevent or minimize the potential for pollutants from entering surface waters of the state. “High” priority facilities have specific procedures that are included in this document.

SECTION C– UPDATES AND PRIORITY REVISION

This inventory shall be updated within 30 days as facilities and structural stormwater controls are added, removed, or no longer owned or operated by the applicant. Priority level assessments shall be revised within 30 days prior to discharging stormwater at a new facility, or when the storage of materials, equipment, or vehicles changes at a facility.

SECTION D – MUNICIPAL INVENTORY AND ASSESSMENT

The following table identifies the City’s owned or operated facilities with a discharge of stormwater to surface waters of the state. **Table 1** includes a list of properties owned or operated by the City that has stormwater controls on site and provides the estimated number of stormwater structural controls (i.e. catch basins, detention basins, etc.) at each site, along with the priority level of potential discharge of pollutants to waters of the state.

Table 1

Facility Name	Structural Controls	Priority Level	Assessment Factors	BMP's Implemented
DPW Facility	Catch Basins (9) Storm Manholes (4) Dumpster (5) HHW Storage (1) Propane Tank (1) Underground Storage Tank (1) Vehicle Wash Area (1)	High	1, 3	See Section E
Glendale Landfill and Recycling Center	Catch Basins (4) Storm Manholes (1) Brine Tanks (2) Stockpiles (5) Salt Dome (2) Open Storage Structure (1)	High	1, 3	See Section E
Civic Center	Catch Basins (32) Storm Manholes (35) Underground Storage Tank (1)	Medium	1	Catch basin cleaning Street sweeping
Community Recreation Center	Catch Basins (4) Storm Manholes (20)	Low	1	Catch basin cleaning Street Sweeping
Devonaire Ice Arena	Catch Basins (1) Storm Manholes (1)	Low	1	Catch basin cleaning Street sweeping
Edgar Ice Arena/Ford Field	Catch Basins (14) Storm Manholes (3)	Low	1	Catch basin cleaning Street sweeping
Rotary Park	Dumpster (1) Grow Zones (2)	Low	1	Street sweeping Grow zone maintenance
Bicentennial Park	Catch Basins (3) Storm Manholes (8) Bioswale (1)	Low	1	Catch basin cleaning Street sweeping Bioswale maintenance
Jaycee Park	Storm Manholes (4) Detention Basins (2)	Low	1,4	Street sweeping Ditch Maintenance Detention basin inspection
Shelden Park	Dry Detention Areas (4) Catch Basins (15) Storm Manholes (17)	Low	1	Catch basin cleaning Street sweeping Detention basin inspection
Botsford Park	Catch Basins (3) Storm Manholes (2)	Low	1,4	Catch basin cleaning Street sweeping
Robert E. McCann Park	Catch Basins (2) Storm Manholes (1)	Low	1	Catch basin cleaning Street sweeping
Fire Station #5	None	Low	1	None
Fire Station #6	Catch Basins (2) Storm Manholes (2)	Low	1	Catch basin cleaning Street sweeping
Newburgh Village Retirement Community	Storm Manholes (22)	Low	1	Street sweeping
Silver Village Retirement Community	Catch Basins (15) Storm Manholes (3)	Low	1	Catch basin cleaning Street sweeping

Table 1 (cont'd)

Facility Name	Structural Controls	Priority Level	Assessment Factors	BMP's Implemented
Whispering Willows Golf Course	Catch Basins (5) Storm Manholes (6) Stockpiles (2) Dumpsters (3) Propane Tank (1) Underground Storage Tanks (2) Vehicle Wash Areas (2) Material Storage Shed (1)	High	1, 4	See Section E
Fox Creek Golf Course	Catch Basins (3) Storm Manholes (4) Stockpiles (3) Dumpsters (2) Above Ground Storage Tanks (2) Vehicle Wash Area (1) Material Storage Shed (1) Ditch (1)	High	1, 4	See Section E
Idyl Wyld Golf Course	Catch Basins (3) Storm Manholes (1) Stockpiles (2) Dumpsters (2) Propane Tank (1) Above Ground Storage Tanks (2) Vehicle Wash Areas (2)	High	1,4	See Section E

SECTION E –SITE SPECIFIC SOP FOR HIGH PRIORITY SITES

The MDEQ NPDES Phase II Stormwater Discharge Permit Application requires a standard operating procedure (SOP) for identifying the structural and non-structural stormwater controls implemented and maintained to prevent or reduce pollutant runoff at each facility with the high potential for pollutant runoff.

E.1 Inventory and Description of Materials and Activities

The majority of the City's Department of Public Works (DPW) operations are conducted at their 12973 Farmington Road and Glendale Storage Yard facilities. An additional fueling area is located at City Civic Center at 33000 Civic Center Drive. The City also operates three (3) golf courses, which all have fueling areas and grounds maintenance operations. All six (6) sites are considered a high priority sites due the following operations:

DPW Facility – 12973 Farmington Road

- Fuel Storage and Fueling
- Maintenance and cleaning of vehicles and equipment

Glendale Storage Yard/Landfill

- Salt Storage

- Stockpiled materials
- Significant dust or particulate generating processes

Fox Creek, Idyl Wyld, and Whispering Willows Golf Courses

- Fuel Storage and Fueling
- Maintenance and cleaning of vehicles and equipment
- Stockpiled materials
- Storage of pesticides, herbicides, and fertilizers

Site specific standard operating procedures have been developed for these facilities and are included as separate documents. Please see the Standard Operating Procedures – DPW Facility, Standard Operating Procedures – Glendale Storage Yard/Landfill, and Standard Operating Procedures – City Golf Courses.

SECTION F –CATCH BASIN MAINTENANCE PRIORITY

Catch basins that are inspected and maintained by the City have been prioritized for routine inspection, maintenance, and cleaning. The criteria for the priority levels that include low, medium, and high are defined as follows:

Low Priority – Catch basins that are of low priority have very little sediment accumulation and do not require routine maintenance. Low priority catch basins are inspected on an as needed basis based on complaints or by DPW staff during normal work activities.

Medium Priority – Catch basins that are of medium priority have a higher rate of sediment accumulation and will require maintenance more frequently than low priority catch basins.

High Priority – Catch basins that are of high priority have a high rate of sediment accumulation and will require regular routine maintenance and inspection. These catch basins are typically located in areas where sediment is easily mobilized and transported by runoff.

All of the City's catch basins have very little sediment accumulation rates, require little maintenance and are of low priority. Catch basins that prompt resident complaints or are subject to isolated instances where structures are plugged or damaged will be maintained and inspected by DPW as needed. At that time, it will be determined if the catch basin will require maintenance on a more frequent interval and warrants a reclassification to a medium priority rating. In the event the priority rating of a catch basin is changed, or new catch basins are constructed, this procedure will be updated and revised to reflect the change in priority within 30 days.

SECTION G – CATCH BASIN INSPECTION, MAINTENANCE, AND CLEANING

Catch basins are visually inspected during normal work activities or if a complaint is registered by a resident. A visual inspection of the structure will document any structural defects which may include collapse, cracking, frame damage, pipe collapse, blockage, etc. and will be documented using a standardized form. Catch basin structures in need of structural repairs are identified during the inspection and regular maintenance process based on the results of visual assessments conducted by the City. Structure repairs are prioritized based on public safety concerns. City owned catch basins are inspected concurrently with cleaning activities on a two and a half year cycle between April and November. DPW field staff utilized a Vactor truck to remove all solids and liquids from the structure to the extent possible. At no time is collected sediment and water allowed to be discharged back into the storm sewer system during the cleaning process. Catch basins that are located on private property are not inspected, cleaned, or maintained by the City.

SECTION H – DISPOSAL OF COLLECTED MATERIAL

Collected material from catch basin maintenance and street sweeping activities is transported to the Glendale Storage Yard and Landfill Facility where it is used as daily cover for landfill operations.

SECTION I –STREET SWEEPING PRIORITIZATION

City owned and maintained streets have been prioritized for street sweeping. The criteria for the priority levels that include low, medium, and high are defined as follows:

Low Priority – Residential streets within the City are of low priority due to their minimal sediment accumulation rates. They are generally swept at least three times per year.

Medium Priority – Major roads throughout the City are of medium priority due to the higher rate of sediment accumulation rates in comparison to low priority residential streets. Medium priority areas are generally swept seven to eight times per year.

High Priority – Areas that are of high priority have a high rate of sediment accumulation and will require regular, frequent sweeping. These areas are typically located in areas where sediment is easily mobilized and transported by runoff. Additionally, areas that prompt resident complaint or are subject to excessive road sediments are also considered a high priority area. There are currently no areas that have been assigned a high priority rating due to excessive road sediments and resident complaints. However, if DPW receives a complaint, a determination of the area will be made by DPW staff to increase sweeping on a more frequent interval as well as a reclassify the area to high priority rating.

In the event a priority rating is changed, or new City owned streets are constructed, this procedure will be updated and revised to reflect the change in priority within 30 days.

Street sweeping activities are conducted by the City of Livonia and/or contracted services using both mechanical and regenerative air equipment according to the manufacturer's operating instructions. Collected sediment from street sweeping activities is disposed of as described in Section H. The City also has a formal leaf collection program that generally occurs from the third week of October through the first week of December. Following bulk leaf pickup, the City conducts street sweeping for the entire City to remove all remaining leaf residue. Street sweeping program activities are not implemented under the following conditions:

- Street sweeping is not conducted on County or State roads
- Sweeping activities are not conducted during wet and inclement weather
- Sweeping activities are not conducted on private streets or private parking lots

SECTION J – OTHER STRUCTURAL STORMWATER CONTROLS

In addition to implementing the catch basin maintenance and street sweeping programs, the City also performs inspections of open and enclosed drains that are located throughout the City.

J.1 Open and Enclosed Drain Inspections

The procedure for open drains consists of the inspection of the inlet grates for blockages as-needed, or when complaints received by the City warrant an inspection. In most cases, follow up maintenance activities involve the removal of logjams or other debris that has accumulated on the inlet grate. For enclosed drains, inspections are conducted on an as-needed basis, or by request.

J.2 Pump Stations

The City currently maintains one (1) stormwater pump station, which is located at the intersection of Newburgh Road and I-96 and is owned by Wayne County. Routine inspection of the pump station is conducted on a monthly basis. Any maintenance that is needed conducted on an as-needed basis and documented using the City's computer system.

The City does not have any other structural controls that are owned or maintained by the City. In the event additional structural stormwater controls are constructed, this procedure will be updated and revised to include the new controls within 30 days.

SECTION K – NEW APPLICANT OWNED FACILITIES

In the event the City acquires or constructs new structural stormwater controls, the design of these structures will comply with the stormwater standards that have been established by Wayne County. Site plans will be reviewed by the City, Wayne County, or its consultants, to ensure the appropriate standards are met.

SECTION L – CERTIFIED PESTICIDE APPLICATOR

The DPW does have certified pesticide applicators (6) on staff but does not apply or store fertilizers. In the event the application of pesticides is needed, the City will retain the services of a licensed applicator.

SECTION M – EMPLOYEE TRAINING

Employee training programs will be implemented to inform appropriate personnel at all levels of responsibility of safety, environmental impacts, and good housekeeping practices. The City participates in training opportunities that are made available by SEMCOG, Wayne County, the Alliance of Rouge Communities, and others as deemed appropriate. Employee training components for the City of Livonia DPW and golf course maintenance staff includes:

Employees Trained	Training Description and Frequency
New Livonia DPW Employees	Upon hire, employees will: • View the Municipal Storm Water Pollution Prevention Storm Watch training video. • Read and become familiar with the City's SOPs. • Perform at least one Routine Inspection and one Comprehensive Inspection with a current City employee. • Participate in a job shadow program where new staff is paired with an experienced staff member for 30 days.
All Livonia DPW Employees	• View the Municipal Stormwater Pollution Prevention Storm Watch training video. • Review proper materials storage and handling. • Review good housekeeping and pollution prevention practices. • Review examples of illicit discharges to the storm sewer system • Review City's Spill Response Procedures
Key staff	• Attendance of key staff to relevant training workshops by the Alliance of Rouge Communities, SEMCOG, or others, when available.

SECTION N – CONTRACT REQUIREMENTS AND OVERSIGHT

The contractors hired by the City to perform municipal operations that potentially impact stormwater are required to follow appropriate pollution prevention BMPs indicated in the City's contract language. In cases where an outside contractor is hired to perform services that could impact stormwater, the contracting company will be required to follow appropriate pollution prevention BMPs. All work performed by outside contractors are monitored by City staff through daily observation to ensure quality of work, adherence to the specified contract language, and to ensure that potential impacts to stormwater are minimized.

Measureable Goals – To demonstrate the effectiveness of this procedure, the following metrics will be tracked for reporting purposes.

- Number of stormwater pollution related incidents pertaining to activities or work performed by the contractor.

- Number of incidents where the City required corrective action by the contractor.

These metrics will be tracked over the reporting cycle that is specified in the City's Certificate of Coverage.

SECTION O – COMPLAINT PROCEDURE

Complaints received by the public are logged into the City's computer system and then routed to the appropriate department for follow up. Investigation into complaints routed to the DPW is conducted after the complaint has been reviewed by the City. At that time, the DPW will make a determination to correct any problems, or contact the responsible parties for appropriate action.

Measureable Goals – To demonstrate the effectiveness of this procedure, the following metrics will be tracked for reporting purposes.

- Number of complaints routed to the DPW for follow up.
- Number of incidents that prompted additional corrective actions by the DPW or other responsible party.

These metrics will be tracked over the reporting cycle that is specified in the City's Certificate of Coverage.

SECTION P – PROCESS FOR REVISION

This procedure shall be reviewed once per permit cycle by the Stormwater Manager for any updates to streamline the requirements.

APPENDIX I
Total Maximum Daily Loads (TMDL)
Click [here](#) for link to Collaborative TMDL

Prohibited and Restricted Weeds

Michigan laws regulate the possession and sale of certain plant species which are considered undesirable from agricultural as well as environmental viewpoints. These unwanted species are listed below according to the applicable laws and regulations.

A. Prohibited Plant Species (Natural Resources and Environmental Protection Act Part 413 (Act 451 of 1994, as amended))

Any of the following plants, fragments, seeds or a hybrid or genetically engineered variant thereof, including plants labeled under an older scientific name (synonym):

Scientific Name	Common Name
<i>Cabomba caroliniana</i>	fanwort
<i>Cylindrospermopsis raciborskii</i>	cylindro
<i>Egeria densa</i> (synonyms: <i>Elodea densa</i> , <i>Anacharis densa</i> and <i>Philotria densa</i>) ..	Brazilian elodea
<i>Fallopia japonica</i> (synonyms: <i>Reynoutria japonica</i> and <i>Polygonum cuspidatum</i>) including hybrids with <i>Fallopia sachalinensis</i> known as <i>Fallopia</i> × <i>bohemica</i>	Japanese knotweed
<i>Heracleum mantegazzianum</i>	giant hogweed
<i>Hydrilla verticillata</i>	hydrilla
<i>Hydrocharis morsus-ranae</i>	European frogbit
<i>Lagarosiphon major</i>	African oxygen weed
<i>Myriophyllum aquaticum</i> (synonyms: <i>Myriophyllum brasiliensis</i> , <i>Myriophyllum brasiliense</i> , <i>Myriophyllum proserpinacoides</i> and <i>Enydria aquatica</i>)	parrot's feather
<i>Nitellopsis obtusa</i>	starry stonewort
<i>Nymphoides peltata</i>	yellow floating heart
<i>Salvinia molesta</i> , <i>auriculata</i> , <i>biloba</i> , or <i>herzogii</i>	giant salvinia
<i>Stratiotes aloides</i>	water soldier
<i>Trapa natans</i>	water chestnut

B. Restricted Plant Species (Natural Resources and Environmental Protection Act Part 413 (Act 451 of 1994, as amended))

Any of the following plants, fragments, seeds or a hybrid or genetically engineered variant thereof, including plants labeled under an older scientific name (synonym):

Scientific Name	Common Name
<i>Butomus umbellatus</i>	flowering rush
<i>Elaeagnus umbellata</i>	autumn olive
<i>Lythrum salicaria</i>	purple loosestrife
<i>Myriophyllum spicatum</i>	Eurasian watermilfoil
<i>Phragmites australis</i>	Phragmites or common reed
<i>Potamogeton crispus</i>	curly leaf pondweed

C. Noxious Weeds (Michigan Seed Law (Act 329 of 1965) and Regulation 715 (Under Act 329) Seed Law Implementation)

1. Prohibited noxious weeds

Seeds of these species are prohibited as contaminants in seed offered for sale, including any sold under an older scientific name (synonym):

Scientific Name	Common Name
<i>Agropyron repens</i> (synonym <i>Elytrigia repens</i>)	quackgrass
<i>Cardaria draba</i>	whitetop = hoary cress = perennial peppergrass
<i>Carduus acanthoides</i>	plumeless thistle
<i>Carduus nutans</i>	musk thistle
<i>Centaurea maculosa</i>	spotted knapweed
<i>Centaurea picris</i>	Russian knapweed
<i>Cirsium arvense</i>	Canada thistle
<i>Cirsium vulgare</i>	bull thistle
<i>Convolvulus arvensis</i>	field bindweed
<i>Convolvulus sepium</i>	hedge bindweed
<i>Cuscuta spp.</i>	dodder
<i>Cyperus esculentus</i> , both seed and tubers.....	yellow nutsedge, chufa
<i>Euphorbia esula</i>	leafy spurge
<i>Ipomea species</i>	morning glory
<i>Nasella trichoma</i>	serrated tussock
<i>Solanum carolinense</i>	horsenettle
<i>Sonchus arvensis</i>	perennial sowthistle
<i>Sorghum halapense</i> , including <i>Sorghum alnum</i> and seed which cannot be distinguished from johnsongrass.....	johnsongrass
<i>Tribulus terrestris</i>	puncturevine

2. Restricted noxious weed seeds

Generally, agricultural seed offered for sale may not contain more than one seed of the following weed species per 2000 of agricultural seed offered for sale, including any weed seed identified under an older scientific name (synonym):

<i>Abutilon theophrasti</i>	velvetleaf
<i>Allium canadense</i>	wild onion
<i>Allium vineale</i>	wild garlic
<i>Avena fatua</i>	wild oat
<i>Barbarea vulgaris</i>	yellow rocket
<i>Berteroa incana</i>	hoary alyssum
<i>Brassica juncea</i>	Indian mustard
<i>Brassica nigra</i>	black mustard
<i>Datura stramonium</i>	jimsonweed
<i>Daucus carota</i>	wild carrot

Plantago lanceolatabuckhorn plantain
Raphanus raphanistrum.....wild radish
Rumex crispuscurled dock
Seteria faberii.....giant foxtail
Sinapis arvensischarlock
Solanum species: including all of the following species and any other species with
indistinguishable seed: nightshade complex
Solanum dulcamarabitter nightshade
Solanum eleagnifolium..... silver leaf nightshade
Solanum nigrumblack nightshade
Solanum ptycanthum eastern black nightshade
Solanum sarrachoides..... hairy nightshade
~~*Thlapsis arvense*~~ **Deregulated as of December 2015** pennycress = fanweed
Xanthium strumariumcocklebur

Green stormwater infrastructure: Building sustainable and resilient communities

Ruth Kline-Robach<kliner@msu.edu> and Paige Filice<filicepa@msu.edu>, [Michigan State University Extension](#) - July 28, 2023

Green stormwater infrastructure practices can protect waterways by reducing pollutants.



Filled with native grasses and flowering perennials, rain gardens are a cost effective and attractive way to reduce runoff

into waterways. Photo credit: Dr. Lois Wolfson

What happens when it rains? How we handle rainfall and where the water goes influences the quality of our lakes and rivers and impacts our everyday lives. Roadways and buildings have replaced areas that were once forested. Because of this urbanization, rainfall does not filter through the soil but instead runs off oily parking lots, fertilized lawns, salty roads, and other hardened landscapes and makes its way to our waterways unfiltered. Today we address a topic you might not have previously considered: stormwater runoff and management. Stormwater runoff is considered one of the greatest threats to clean water in the United States.

Stormwater runoff occurs when rainwater or melted snow flows over the ground, picking up pollutants and debris along the way. Historically, stormwater was handled through combined sewer systems, where both stormwater runoff and sanitary sewage flowed together in a single network of pipes to the nearest treatment facility. This approach worked well under normal precipitation events, but during heavy rainfall, the combined system would become overwhelmed, leading to untreated sewage overflowing to our lakes and rivers. Today, many (but not all) urbanized areas have separated stormwater from sanitary sewage lines. This

means that our sanitary waste travels to a treatment facility, while unfiltered stormwater leads directly to our rivers and lakes via storm drains. This untreated stormwater can have several negative impacts.

As urban areas expand and more land is developed, the natural landscape is altered. Increased impervious surfaces such as roadways, parking lots, and buildings lead to an increased volume and velocity of runoff. They can also cause higher water temperatures because sealed surfaces absorb sunlight and heat up faster than natural areas. In addition, stormwater runoff often contains pollutants such as oil, debris, road salt or fertilizers.

To address the problems created by untreated stormwater runoff, communities across the country are recognizing the need for Green Stormwater Infrastructure (GSI) practices. GSI refers to a range of techniques that manage stormwater runoff by mimicking nature's processes. Instead of using curbs and gutters to channel runoff directly to the nearest storm drain or water body, GSI practices aim to capture, treat, and store stormwater onsite, allowing it to settle and infiltrate the soil. Examples of GSI techniques include rain gardens, vegetated buffers, bioswales, constructed wetlands, permeable pavement, and green roofs. You have likely seen some of these practices near businesses and new development projects in your community. These techniques provide many benefits, including improved water quality, flood control and beautification of our landscapes.

Some communities also have local regulations in place that mandate the use of these techniques and promote responsible land development practices. An MS4 (Municipal Separate Storm Sewer System) community refers to a local government or municipality that has separated its sanitary and storm sewer systems. Many MS4 communities are regulated under the Clean Water Act, which requires them to manage stormwater runoff within their jurisdiction. Communities may install large-scale GSI projects on land owned by the municipality and require that stormwater design standards be followed for areas of redevelopment or new development of a certain size threshold (for example, on sites greater than one acre).

Property owners are also in a unique position to protect waterways from stormwater pollution. One simple way to capture and redirect water is with a rain barrel. Rain barrels are placed at the end of downspouts and collect water from rooftops and store it for later use. When placed on elevated platforms rain barrels make watering easy since gravity provides the water pressure. Another option to bring beauty and functionality to landscapes is with a rain garden. These are typically four to eight inches deep and can be designed in any shape or size. They are planted with a variety of deep-rooted native plants which help capture and filter water and are often placed near driveways or downspouts – places where runoff is common. Live near water? Installing a garden near waterways is one of the best ways to filter stormwater. Near shore gardens also add beauty and provide additional habitat for birds, fish, and other wildlife.

Get connected with the Michigan State University Extension Smart Gardening program to learn about other

nature-friendly landscaping techniques that help reduce pollutants and improve water quality.

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Examples of Native Landscape Ordinances from Minnesota Cities

Introduction

Many cities in Minnesota and elsewhere now allow or actively promote the use of native plants and natural or naturalized residential landscaping. Landscape types include meadow, prairie, rain gardens, lake and pond shorelines, and other natural areas. The ordinance excerpts included here show the range of approaches that cities are using. Some cities require a permit for native landscaping; others require setbacks but no permit; still others allow the practice by right.

Two important disclaimers:

1. These are summaries of or excerpts from local ordinances, not the complete ordinance. Most ordinances also include detailed prohibitions and procedures for removing weeds, brush, and other unmaintained or hazardous vegetation.
2. The ordinance excerpts were current as of December, 2019. Ordinances are likely to be amended or updated over time, so be sure to check the actual city code for the most current language.

General Guidance

The [Minnesota GreenStep Cities](#) program maintains a list of [Model Ordinances for Sustainable Development](#). The model ordinance for [Landscaping and Maintenance of Vegetation](#) distinguishes native plantings and other alternatives to turf grass and defines edible landscaping as a substitute for lawns. The ordinance requires a plan, setbacks, and maintenance of native landscaping to address the nuisance concerns that typically accompany alternatives to turf. (Last updated in 2008, some of the references are out-of-date but the ordinance language is useful.)

Austin

10.13 Grass and weeds on private property.

Subd. 1. It is unlawful for any owner, occupant or agent of any lot or parcel of land in the city to allow any noxious weeds as defined in Minnesota Statutes Sections 18.77 and 21.72 or grass growing upon any such lot or parcel of land to grow to a greater height than 8 inches.

A. The following areas and types of vegetation are exempted from this provision if managed in a manner so as not to become infested with weeds or to create a stagnant, foul-smelling condition;

1. Non-noxious weeds and grass vegetation in wetland areas;
2. Non-noxious weeds, grasses and herbaceous vegetation within 50' of designated storm water ponds or within 50' of natural or altered creeks, rivers and stream corridors, including riparian buffer strips, that convey water, provided they are cut to less than 10 inches at least once per year if located within 200' of an occupied residence or developed property;

3. Non-noxious weed and grass vegetation growing on land that has been agriculturally zoned land or has a history of being ag land, including pastures, that are fenced and contain animals, provided that a buffer zone of 10 feet between the ag land and any turf grass area will be required;
4. Temporary erosion control grasses;
5. **Maintained and weeded prairie, meadow or natural landscape vegetation** [emphasis added] that does not contain noxious weed growth and that includes the cultivation of native grasses indigenous to Minnesota provided that the property owner applies for and is issued a natural landscape permit and maintains the property in a condition sufficient to maintain the permit. Natural landscape permits are required if a proposed landscape includes native grasses that exceed or are expected to exceed 8 inches in overall height. Natural landscape permit applications shall be submitted to the Park Department. No natural landscape permits will be issued unless the following requirements are fulfilled by the owner;
 - a. They are set back not less than twenty feet from the front lot line. For the purposes of this ordinance, corner lots shall be deemed to have two front yards;
 - b. They are set back not less than five feet from the side and/or rear lot lines to provide a transition zone. No set back is required on the side or rear lot lines if (1) there is a fully opaque fence at least five feet in height installed between the native plants and the side or rear lot lines or (2) the native plants abut a neighboring Native Plant Landscape Area;
 - c. The Native Plant Landscape Area is cut at least once annually between April 15 and July 15 to a height no greater than ten (10) inches;
 - d. Turf grass is eliminated and the native plants, trees and shrubs are planted through transplanting or seed by human or mechanical means. Soil erosion should be controlled while the ground is bare of plant growth that is sufficient to inhibit erosion and is the sole responsibility of the owner or occupant;
 - e. Written authorization from the City Administrator or his/her designee is obtained for work within conservation or scenic easement areas, including planting, mowing or cutting.
6. A violation of any of the requirements set forth above will result in the revocation of the natural landscape permit by the City.
7. Grass and non-noxious weed vegetation in publicly owned parks designated as natural preserves or private property so designated by the City Council or natural undisturbed areas where the land and vegetation appears not to have been graded, landscaped or otherwise disturbed by human or mechanical means in recent time;
8. Grass and non-noxious weed vegetation on natural or altered slopes steeper than 2:1;
9. Ornamental grasses; and/ or
10. Natural wooded lots.

[\[link to code\]](#)

Bloomington

Chapter 10, Article VI, Weeds and Brush

§ 10.37 Definitions

BRUSH. Includes parts of plants, such as but not limited to, twigs, tree and shrub branches. **BRUSH** does not include firewood and construction material.

WEEDS. Includes all noxious weeds as defined by the statutes of the state and all such useless and troublesome plants as are commonly known as weeds to the general public including volunteer and scrub trees or shrubs.

§ 10.38 Nuisance

(a) Weeds and grass. All weeds or growing grass upon any lot, parcel of land or adjacent right-of-way area in the city to a height greater than eight inches, or which have gone or are about to go to seed, are hereby declared to be a nuisance and a detriment to the good order of the city with the following exceptions:

- (1) Native prairie and long grass areas shown on an approved landscape plan in accordance with § 19.52;
- (2) Native prairie and long grasses within a defined landscape area on a single- or two-family residential parcel, provided that such defined landscape area:
 - (A) Occupies no more than 50% of the pervious surface area of the parcel excluding natural wooded areas, wetlands, water bodies, rain gardens, lakescaping and scenic easements;
 - (B) Is set back from property lines by at least five feet. The setback is not required where the defined landscape area abuts another similar private or public landscape area, a wetland, pond, lake or stream or if a fully opaque fence at least four feet in height is installed along the lot line adjoining the planned landscape area; and
 - (C) Is maintained at least once per year through mowing or, if appropriate permits are obtained through the City Fire Marshal, burning.
- (3) Natural wooded areas;
- (4) Wetlands, ponds or rain gardens;
- (5) Lakescaping areas as defined in § 19.03; and
- (6) Areas where mowing is prohibited by easement or law.

[\[link to code\]](#)

Burnsville

Native Plantings Ordinance

The City has language specifically related to native plantings in its ordinances. Native prairie or other native habitat plantings are referred to as meadow vegetation in this document. Native plants used in a typical manicured garden are not regulated by this ordinance.

The following is a summary of the requirements of the native planting ordinance. Native plantings will be allowed as landscaping if they meet the following criteria:

- A landscape plan is submitted to the City and approved prior to the commencement of the project. More information on landscape plan requirements is listed below.
- The prior vegetation is eliminated and the native vegetation is planted through transplanting or seed by human or mechanical means.
- If weeds cover more than 25% of the planting, it must be cut to a height of no more than 8 inches at least once per year.
- The area is clearly defined by edging, fence, or similar material. A native planting that directly abuts at least a mower's width of mowed and maintained turf grass will be considered to have adequate edging.
- If on sloped ground, the native planting must have adequate erosion control measures installed while it establishes.
- The area does not extend into the public right of way.
- A sign is posted on the property in a location likely to be seen by the public, advising that a meadow or prairie is being established. This sign is required only if the planting is in an area likely to be seen by the public. This sign must be in addition to any sign permitted by the sign ordinance but must be no smaller than 10 inches square, no larger than one square foot, and no higher than 3 feet tall. The sign is no longer required when weeds cover 25% or less of the area.

Landscape Plans for Native Plantings

The City requires residents to submit a landscape plan for their native prairie planting prior to installation. Planting plans are reviewed and approved within 10-15 business days.

[Native Planting Landscape Plan\(PDF\)](#)

[\[Link to code\]](#) – see Section 7-1-9]

Minneapolis

One of the least restrictive ordinance examples is that of Minneapolis. Section 227.90 of the [Code of Ordinances](#) establishes a “right to install and maintain a managed natural landscape”, which is exempted from public nuisance regulations. Note that the ordinance applies to private parcels, not to boulevards, which do have height limits for vegetation.

*(a) In general.....*Except as part of a managed natural landscape as defined in this section, any weeds or grass growing upon any lot or parcel of land in the city to a greater height than eight (8) inches or which have gone or are about to go to seed are hereby declared to be a nuisance condition and dangerous to the health, safety and good order of the city.

(b) Right to install and maintain a managed natural landscape. An owner, authorized agent, or authorized occupant of any privately owned lands or premises may, consistent with this subsection and all other applicable laws, statutes, rules and ordinances, install and maintain a managed natural landscape.

(1) Definitions.

Managed natural landscape means a planned, intentional and maintained planting of native or non-native grasses, wildflowers, forbs, ferns, shrubs or trees, including but not limited to rain gardens, meadow vegetation, and ornamental plantings.

Meadow vegetation means grasses and flowering broad-leaf plants that are native to, or adapted to, the State of Minnesota, and that are commonly found in meadow and prairie plant communities, not including noxious weeds.

Noxious weed shall have the meaning assigned by Minnesota Statutes, Section 18.77, Subd. 8.

Ornamental plants means grasses, perennials, annuals and groundcovers purposefully planted for aesthetic reasons.

Rain garden means a native plant garden that is designed not only to aesthetically improve properties, but also to reduce the amount of stormwater and accompanying pollutants from entering streams, lakes and rivers.

Turf-grass lawn means a lawn comprised mostly of grasses common used in regularly cut lawns or play areas (such as but not limited to bluegrass, fescue, and ryegrass blends), intended to be maintained at a height of no more than eight (8) inches.

(2) Findings. The city council finds that the installation and maintenance of managed natural landscapes is beneficial to the city's environment and its residents and serves to further adopted city goals in that managed natural landscapes require fewer potentially harmful and costly inputs, improve stormwater retention, increase water quality and biodiversity, reduce greenhouse gas emissions, and provide habitat for wildlife such as birds, butterflies and other beneficial insects and species.

(3) Requirements.

- a. Managed natural landscapes may include plants and grasses in excess of eight (8) inches in height and which have gone to seed, but may not include any noxious weeds and must be maintained so as to not include unintended vegetation.

- b. Managed natural landscapes may not include any plantings, which due to location and manner of growth constitute a hazard to the public or may cause injury or damage to persons or property when such growth is in violation of sections [244.1580](#) or [427.280](#).
- c. Managed natural landscapes shall not include turf-grass lawns left unattended for the purpose of returning to a natural state.

[\[link to code\]](#)

Rochester

Rochester's ordinance includes specific requirements for a landscape permit and for a management and maintenance plan for the transition period to the natural landscape.

Intent: The City Council also determines that a variety of properly maintained landscapes in the City add diversity and a richness to the quality of life, and does not want to discourage the preservation, restoration and maintenance of diverse biologically stable natural plant communities or environmentally sound practices. The City Council finds that the establishment of native or naturalistic plant communities is an acceptable landscape treatment in the City. However, as a protection for the larger community, this change in vegetation must be properly planned, managed and maintained, and the length of transition period must be minimized or the property is likely to create a public nuisance.

Definitions:

Subd. 5. "Native and Naturalistic Vegetation" shall mean grasses and flowering broad-leaf plants that are native to, or adapted to, the State of Minnesota, and that are commonly found in meadow and prairie plant communities, except weeds.

Subd. 6. "Native grasses" shall mean grasses (Beach Grass, Wood Chess Grass, Sand Reed Grass, Wheat Grass, Bluestem Grass, Grama Grass, Brome Grass, Buffalo Grass, Switch Grass, Indian Grass, Wild Rye)) that existed in the area prior to European settlement.

Subd. 7. "Native plants" shall mean plants that existed in the area prior to European settlement.

Subd. 8. "Natural landscaping" shall mean the use of groups of plants native to the area.

Subd. 9. "Naturalistic landscaping" shall mean the use of native and nonnative plants.

Subd. 10. "Noxious weeds" shall mean plants so designated by the Commissioner of Agriculture pursuant to Minnesota Statute, those identified by Olmsted County, or USDA-APHIS.

Subd. 11. "Prairie" shall mean a plant community dominated by a diversity of native perennial herbaceous plants and grasses.

Subd. 12. "Regularly cut" shall mean mowing or otherwise cutting vegetation so that the dimension of the vegetation measured from the ground to the top of the vegetation(as extended upright) regardless if that is the blade of the vegetation or any other part of the plant does not exceed 12 inches in height.

Subd. 13. "Temporary Erosion Control Grasses" shall mean grasses (winter wheat, oats, annual rye or regreen) that are used as single growing season cover or nurse crops to assist in the establishment of permanent vegetation.

Subd. 14. "Traditional landscaping" shall mean the use of turf grasses and woody plants (shrubbery and trees) with defined areas for cultivation of annual and perennial plants.

Subd. 15. "Transitional period" shall mean the amount of time to change from one type of landscaping to another. The period should not extend three growing seasons for any specific area.

Subd. 16. "Turf grasses" shall mean bluegrass, fescue and ryegrass blends with non-woody vegetation interspersed with them commonly used in regularly cut lawns.

Subd. 17. "Weeds" shall mean prohibited noxious weeds as identified by the State of Minnesota Department of Agriculture, Olmsted County, or USDAAPHIS and any undesirable or troublesome plant that is horticulturally out of place exceeding the height limitations in this chapter. For the purposes of this ordinance, *Taraxacum* spp (common dandelion) is not considered a weed.

Exemption from nuisance regulation:

Maintained and weeded prairie, or natural/naturalistic landscape vegetation that does not contain noxious weed growth provided that the property owner applies for and is issued a natural or naturalistic landscape permit, and maintains the property in a condition sufficient to maintain the permit.

Permit requirements:

48.05. Natural or Naturalistic Landscape Permits. Natural or Naturalistic Landscape Permits are required if a proposed landscape includes grasses that exceed or are expected to exceed 12 inches in overall height. Permit applications shall be submitted to the Park Department.

48.06. Contents of Natural or Naturalistic Landscape Permit Application. The applications shall contain:

- A. The name and address of the applicant and the legal description of the property being permitted;
- B. A site plan for the area sought to be permitted. The scale of plan should be 1"=30' and include all adjacent properties and public streets and alleys;
- C. A general description of the vegetation types, plants and plant succession to be used; and
- D. A specific management and maintenance plan which shall include:
 - (1) The estimated transition period;
 - (2) The elimination of non-native or invasive vegetation;
 - (3) The replanting of the area by transplant or seeded by human or mechanical means;
 - (4) The maintenance of the area to a height of 12 inches or less if weeds cover more than 25% of the landscaped area equaling in excess of 144 square feet;
 - (5) The maintenance of all non-woody vegetation/grasses located in a buffer strip with a minimum distance of four feet from side and rear lot lines is to a height of 12 inches or less unless the

adjacent property owner has consented in writing that the buffer strip is not required, a copy of which is filed with the permit application; and

(6) Maintenance of all vegetation within 18 inches of any public street, walk, bikeway or alley to a height of 12 inches or less.

48.07. Issuance of Natural or Naturalistic Landscape Permit. The Park Department shall determine the completeness of the application and shall issue the Natural or Naturalistic Landscape Permit unless:

- A. The management and maintenance plan is incomplete or inconsistent with the application requirements; or
- B. The transition period for the area is longer than three growing seasons.

[\[link to ordinance\]](#)

United States Native Landscaping Ordinances Examples

Wayne, MI

https://codelibrary.amlegal.com/codes/wayne/latest/wayne_mi/0-0-0-53799

1219.06 PLANT MATERIAL STANDARDS.

(a) Minimum Requirements.

- (1) All landscape plans must include a minimum of fifty percent native plants.

Kane County, IL

Kane County's landscaping plan seeks to maintain and improve the ecological diversity of native plant species. The County applies its landscaping provisions to residential, commercial, and industrial sites.^[15] For industrial sites, the County requires a minimum of twenty-five percent of the area set aside for planting of native species.^[16] The owner or developer is required to select plants appropriate to local conditions and make improvements that restore diversity of onsite plant species.^[17] The County provides a list of approved plant species curated by local experts. In addition, the County requires the preservation of existing trees. The County further stipulates that when no native vegetation exists on the property, developers are required to plant at least two native tree species per lot.^[18] Finally, the County prohibits any disease prone, sterile clones, or plants with a negative rating from being planted within the County.

To view the provision, see [Kane County, IL, Subdivision Regulations § 19-127 \(2012\)](#).

Sanibel, FL

The City encourages the use of native plants for landscapes and prohibits invasive exotic vegetation.^[19] In Sanibel, new developments and redevelopments require a minimum 75% of native vegetation to be used in all landscaping with the remaining 25% restricted to only noncompeting plant species, while landscaping seaward of the 1974 Coastal Construction Control line is restricted to using only native species.^[20] Additionally, the City prohibits removal or transplanting of native vegetation without first obtaining a permit and holds the right to stop work or withhold a certificate of occupancy until vegetation deficiencies have been corrected.^[21] The City also requires removal of eight different invasive exotic species by all property owners.^[22] Properties are required not only to remove those invasive exotic species but keep such species permanently off the property, in addition to the City prohibiting the growing, propagating, or selling of such species on Sanibel.^[23] Furthermore, if the property owner is not applying for a development permit, the City provides financial assistance for removal of these species, and to assist in revegetation has a native plant nursery to provide readily available native vegetation for residents.^[24]

To view the provision, see [Sanibel, FL, Code of Ordinances § 122-169, 191 \(2004\)](#).

Schaumburg, IL

The City of Schaumburg provides a natural landscape provision within the zoning code to encourage the utilization of native plant species for landscaping improvements in recognition of the ecological, economic, and aesthetic benefits that native plant species provide.^[25] The City provides that tree and shrub species in natural landscaped areas must be 100% native plant species.^[26] Maintenance guidelines are provided, requiring at least one annual cutting to twelve inches or less or an annual burning obtained by permit through local agencies.^[27] The City does not limit natural landscaping to commercial or industrial lots but permits it in residential areas when a natural landscaping permit is acquired by the landowner.^[28]

To view the provision, see [Schaumburg, IL, Code of Ordinances § 154.136](#) (2014).

Minneapolis, MN

Minneapolis encourages and permits the use of native plant species by making installation and maintenance of natural landscapes a right with no application required.^[29] A significant barrier to the implementation of natural landscaping is the improper classification of native plant species as nuisances. Minneapolis eliminates this improper distinction by permitting natural landscaping and excluding it as a public nuisance when properly maintained.^[30]

The City defines a natural landscaping as a planned, intentional, and maintained planting of grasses, wildflowers, trees and shrubs. Natural landscaping is allowed to exceed maximum height and maintenance requirements of traditional turf landscapes.^[31] The City encourages native species in landscapes, but at a minimum, species used are required to be non-invasive and proven adaptable to the local climate.^[32]

To view the provision, see [Minneapolis, MN, Code of Ordinances §§ 227.90\(b\) \(2013\); 530.190, 200 \(2005\).](#)

Collier County, FL

Collier County applies landscaping requirements to all new commercial, industrial, and residential developments.^[33] For residential units, if minimum landscaping requirements are not met, the City requires the installation of such landscaping before a certificate of occupancy will be granted.^[34] The County requires plant species used to meet standards set out by Florida's Department of Agriculture and facilitates compliance by providing a Collier County native plant list and a map showing required native species planting zones.^[35] The County has also defined areas that require native landscaping. For example, in the area South and West of US-41, the County requires 100% native species when landscaping, whereas other sites not within these specific zones are required to have a minimum of 75% percent of plant species as listed in native species list.^[36]

To view the provision, see [Collier County, FL, Land Development Code § 4.06.05](#) (2018).

See also Preservation Standards at [Collier County, FL, Land Development Code § 3.05.07](#) (2018).

MUNICIPALITY OF _____
ORDINANCE NO. 2023-
IN MUNICIPAL _____, 2023

NATIVE PLANTING ORDINANCE

Sec. 1. TITLE.

This chapter shall be known and may be cited as “Municipality of _____ Landscape Ordinance Promoting the Use of Appropriate Native Vegetation.”

WHEREAS, Native Plants are localized, well adapted to the local soils and climate, tend to be more insect and disease resistant, and require less watering and fertilizing than non-native plants.

WHEREAS, local governments use native plant ordinances to improve the landscape principles that guide landscaping of all new development. Many communities find that the use of appropriate native vegetation in local landscaping helps achieve water conservation goals, preserves habitat in urban areas, greatly reduces landscaping maintenance costs, and protects property values.

WHEREAS, wildlife such as birds are more attracted to the Native Plants with which they co-evolved, and use such plants for food, cover, and rearing their young.

WHEREAS, Native Plants, having evolved in the climate, are extremely hardy and therefore have lower maintenance and replacement costs.

WHEREAS, in much the same way as saving an historic home, the use of Native Plants helps to preserve our local heritage.

WHEREAS, Native Plant usage helps restore the ecological balance we have lost through development and can help maintain, or even increase, property values.

Sec. 2. PURPOSE AND INTENT.

The purpose of these regulations is to establish minimum standards for the design, installation, and maintenance of landscaped areas that require the use of appropriate native vegetation and to promote the preservation of indigenous plant communities on site. The Municipality recognizes the significant benefits of establishing and protecting appropriate native vegetation and, therefore, the necessity to maximize the use of appropriate native vegetation in all public and private landscaped areas within the Municipality. It is the intent of this ordinance that these minimum landscape requirements be incorporated in order to promote the public health, safety, and welfare.

It is the intent of this ordinance that these minimum landscape requirements be incorporated in order to combat the climate crisis, species extinction, and global warming, and to promote the public health, safety, and welfare by: (a) Acknowledging that pollination is an essential ecological survival function, and without native plants and the pollinators that depend on them, the human race and all of earth's terrestrial ecosystems will not survive; (b) doing our part to reverse the massive decline in native pollinator populations from widespread use of pesticides in agribusiness, loss of habitat from development, and from our insistence on non-native plants in landscaping; (c) protecting and promoting genetically diverse and appropriate native vegetation; (d) promoting microhabitats in urban areas for the conservation of wildlife by establishing new, and maintaining and connecting existing, wildlife habitat; (e) creating larger, more connected plant populations and helping ensure the future of native plant species by increasing their ability to migrate in response to changes in climate; (f) promoting public health through the long term, widespread adoption of diverse native plantings; and (g) educating residents on the importance of native plant species and native pollinators to the ecosystem.

Sec. 3. DEFINITIONS.

- (a) Community Garden: a public or community use area intended for the purposes of gardening.
- (b) Community Play Area: public use areas, including school and athletic fields, composed of predominantly turfgrass intended for use for recreational purposes.
- (c) Endangered Plant: any plant species which is in danger of extinction throughout all or a significant part of its range.
- (d) Garden: a cultivated area dedicated to growing vegetables, fruits, annual and perennial plants, ornamental grasses, and ground cover in a well-defined location.
- (e) Invasive Plant: a plant reproducing outside its native range and outside cultivation that disrupts naturally occurring native plant communities by altering structure, composition, natural processes, or habitat quality.

(f) Landscaped Area: the entire parcel less the building footprint, driveway, non-irrigated portions of parking lots, hardscapes such as decks and patios, and other non-porous areas. Water features are included in the calculation of landscaped areas.

(g) Landscaping: any combination of living plants and non-living landscape material such as rocks, pebbles, sand, mulch, walls, fences, or decorative paving materials.

(h) Managed Natural Landscape: a planned, intentional, and maintained planting of native or non-native grasses, wildflowers, forbs, ferns, shrubs, or trees, including but not limited to rain gardens, meadow vegetation, and ornamental plantings. Meadow vegetation means grasses and flowering broad-leaf plants that are native to, or adapted to, and that are commonly found in meadow and prairie plant communities, not including noxious weeds.

(i) Native Plant: those species of plants occurring within a specific habitat or biogeographical region prior to European contact, according to best scientific and historical documentation. Those species of plants naturally occurring with a specific habitat.

(j) Pollinators: animals (primarily insect, but sometimes avian or mammalian) that fertilize plants, resulting in the formation of seeds and the fruit surrounding seeds, that humans and other animals rely on to produce nuts and fruits that are essential components of a healthy diet, and that the majority of flowering plant species found world-wide rely on to make the seeds that will become the next generation of plants.

(k) Rain Garden: a native plant garden that is designed not only to aesthetically improve properties, but also to reduce the amount of storm water and accompanying pollutants from entering streams, rivers, and lakes.

(l) Remove: to transport a native plant from the premises on which it has been growing.

(m) Straight Species: a native plant that is not a cultivar or has not been bred to emphasize or minimize certain traits of the parent plant. Naturally occurring hybrids of native plants shall be considered as Straight Species for the purpose of this ordinance.

(n) Threatened Plant: any plant species that is likely to become an endangered plant within the foreseeable future throughout all or a significant portion of its range, including but not limited to species listed as threatened, at risk, or listed as likely to become endangered by any federal or applicable state or county agency.

(o) Tree: a self-supporting woody plant having a single trunk or a multi-trunk of lower branches, growing to a mature height of at least twelve (12) feet.

(p) Turfgrass: continuous plant coverage consisting of a grass species that is mowed to maintain an established height.

Sec. 4. APPLICABILITY.

This ordinance shall be a minimum standard and shall apply to all public and private buildings, developments, subdivisions, and land within the incorporated and unincorporated areas of the Municipality.

Sec. 5. LIMITS ON WEED CONTROL LAWS.

No regulation shall be enacted by the Municipality or any person or entity which prohibits or discourages the planting, maintenance, or protection of native plants or requires or incentivizes the removal or reduction of native vegetation, except when deemed necessary for public safety.

Sec. 6. INCENTIVE PROGRAM.

The Municipality may provide incentives to promote the use of native plants. Examples of such incentives include: 1) fast track permitting for building and landscape permits; 2) reduced permitting fees; 3) certified native landscape programs/marketing; 4) tax breaks/user fee reductions; 5) payment or cost-share programs for removal of invasive species.

Sec. 7. INVASIVE PLANTS FORBIDDEN.

After the effective date of this ordinance, the Municipality shall not use or install any invasive plant in any Municipal property. Landowners shall not allow any invasive plants on their property.

Sec. 8. PRIORITIZING STRAIGHT SPECIES.

The Municipality shall, to the extent possible and to the extent such plants are reasonably available, prioritize using and installing native plants that are straight species on any Municipal property.

Sec. 9. MANAGED NATURAL LANDSCAPE.

An owner, authorized agent, or authorized occupant of any privately owned lands or premises may, consistent with this subsection and all other applicable laws, statutes, rules, and ordinances, install and maintain a managed natural landscape.

Managed Natural Landscapes shall not include any plant identified by any applicable government agency as a noxious weed. Managed natural landscapes may include plants and grasses of any height and which have gone to seed. Managed natural landscapes shall not include plants that, due to location and/or manner of growth, constitute a hazard to the public.

Sec. 10. MANAGED LANDSCAPE SET BACK.

The managed landscape must be set back from property lines by at least _____ feet. The setback is not required where the defined landscape area abuts another similar private or public landscape area, a wetland, pond, lake, or stream or if a fully opaque fence at least four feet in height is installed along the lot line adjoining the planned landscape area.

The managed landscape may be planted up to the property line.

Sec. 11. CONFLICTING REGULATIONS REPEALED.

All rules and regulations that are in conflict with this article, in whole or in part, are hereby repealed to the extent that they are in conflict.

Sec. 12. SEVERABILITY.

If any portion of this article is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate provision and shall not affect the validity of the remaining portions of the article.

Sec. 13. EFFECTIVE DATE.

This article shall take effect _____ days after it is enacted by the Municipality; provided, however, that this article shall not apply to any plantings carried out pursuant to existing contracts, invitations to bid, or designs completed prior to the effective date of this article.

Approved:

President

Council

Mayor



LETTER TO THE LIVONIA CITY COUNCIL

1.

Council Office
October 25, 2024

MEETING DATE

COI121124/121824

PRESENTED BY

AGENDA ITEM

The subject matter of the planning, design and construction of the new Civic Center Campus. (CR 330-24)

BACKGROUND DETAILS

At the Regular Meeting of October 7, 2024:

#330-24 RESOLVED, that upon the motion by Councilmember Rob Donovic, seconded by Council Vice President Martha Ptashnik, at the Regular Meeting held October 7, 2024, the Council does hereby refer the subject matter of the planning, design, and construction of the New Civic Center Campus to the Capital Outlay and Infrastructure Committee for its report and recommendation.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

To discuss the subject matter as presented.

ATTACHMENTS

1. COI121124 20241206_LCCP_Police Station_AE_Contract Award Recommendation Letter
2. COI121124 20241206_LCCP_City Hall_CM_Contract Award Recommendation Letter
3. R102124 (X1) CE w proposed contract res - New Data recd 10-21-24
4. R102124 (X1) ProfSurvey w proposed contract res - - New Data recd 10-21-24
5. R102124 (X1) HED - Master Plan w proposed contract res - New Data recd 10-21-24
6. COI101424 Minutes - RD Final
7. COI101424 LTC plan design construction of CC Campus
8. COI101424 Email RE_Award Recommendation Letters and Proposal Summaries
9. COI101424 LCC_City Hall_AE_Contract Award Recommendation Letter_AE- Updated
10. COI101424 LCC_Contract Award Recommendation Letter_CE-Updated
11. COI101424 LCC_Contract Award Recommendation Letter_MP- Updated
12. COI101424 LCC_Survey_Contract Award Recommendation Letter- Updated
13. COI101424 LCC_Traffic Study_Contract Award Recommendation Letter- Updated
14. R100724 Subject matter of plan, design, and construct New Civic Center Campus CR 330-24

APPROVED BY

December 5, 2024

Ms. Maureen Miller Brosnan
Mayor
City of Livonia
3300 Civic Center Dr., Livonia, MI 48154

RE: Livonia City Center – New Police Station Facility
Architectural/Engineering Services Contract Award Recommendation

Dear Ms. Miller Brosnan:

Please find in this letter an update from Plante Moran Realpoint (PMR) regarding our assignment to assist and advise the City of Livonia (COL) in selecting a professional architectural/engineering (A/E) firm for the new Police Station facility. This update represents the mutual efforts of PMR, COL administration, staff, and legal counsel (the Project Team) to identify, evaluate, and recommend a firm for the new Police Station facility.

The Architectural and Engineering Services for the Police Station Scope of Work is critical to designing the new facility. It is also paramount to begin this process quickly in order to meet the program's overall timeline and budget.

SELECTION PROCESS

In October, the Project Team drafted a Scope of Work and request for proposals (RFP). This Scope of Work was also reviewed on several occasions in detail by the project team. PMR also reached out to roughly a dozen architectural/ engineering firms to garner interest in the RFP.

On November 1, 2024, the COL formally posted the RFP documents to MITN. The Project Team conducted a pre-proposal meeting on November 7, 2024, which twelve (12) firms participated in. After receiving proposals from eight (8) firms on November 22, 2024, the Project Team evaluated them over the ensuing days.

The Project Team utilized a criteria-based selection (CBS) process to evaluate each A/E firm's Proposal. The CBS process used pre-established and weighted criteria to evaluate the proposals and objectively shortlist three (3) A/E firms for interviews. Selection criteria included the firm's relevant project experience, proposed team's experience, past experience with the COL, available manpower, proposed fee, and firm approach to the project.

The Project Team conducted interviews with the shortlisted firms on December 3, 2024. The selection committee consisted of staff from PMR as well as Mayor Maureen Miller Brosnan, Dave Varga, Martha Ptashnik, Mark Taormina, Dave Lear, Chief Thomas Goralski and Brandon McCullough. Upon completion of the interviews and after subsequent discussion, the Project Team completed the CBS scoring process.

This recommendation is based on the fact that the firm achieved the highest CBS score for the proposed Project. This score was achieved due to the firm's experience, team experience, the firm's approach to completing the project on schedule and within budget, and strong presentation/interview.

RECOMMENDATION

The Project Team recommends awarding the A/E services contract for the new Police Station Facility to Hobbs + Black, pending final review of terms by legal counsel.

The total contract award recommendation is **\$1,658,000** and is further defined as follows:

\$1,628,000	Proposed Fee 4.79% of the cost of the work
\$ 30,000	Not-to-Exceed Reimbursables
\$1,658,000	Total Contract Award Recommendation

The A/E fee will be a fixed lump-sum amount based upon the scope, budget, and timeline established in the RFP. The reimbursables are a not-to-exceed amount and will be billed as incurred.

If you have any questions regarding the above information, please feel free to contact me at (248) 227-4691 or rick.erickson@plantemoran.com. The Project Team is also available at the COL's convenience to answer any questions.

Sincerely,

Rick Erickson, AIA
Plante Moran Realpoint

CC: Dave Varga, City of Livonia
Mark Taormina, City of Livonia
Debbie Lichtenberg, City of Livonia
Paul Theriault, Plante Moran Realpoint
Andy Fountain, Plante Moran Realpoint

ENCLOSURES: A/E Proposal/CBS Scoring Summary

December 6, 2024

Ms. Maureen Miller Brosnan
Mayor
City of Livonia
3300 Civic Center Dr., Livonia, MI 48154

RE: Livonia City Center – New City Hall Facility
Construction Management Services Contract Award Recommendation

Dear Ms. Miller Brosnan:

Please find in this letter an update from Plante Moran Realpoint (PMR) regarding our assignment to assist and advise the City of Livonia (COL) in selecting a professional Construction Management (CM) firm for the new City Hall facility. This update represents the mutual efforts of PMR, COL administration, staff, and legal counsel (the Project Team) to identify, evaluate, and recommend a firm for the new City Hall facility.

The Construction Management Services for the new City Hall facility play a critical role in ensuring the scope of work reflected in the design/construction documents aligns with the defined project budget; expediting material procurement, and ensuring construction is completed within the schedule parameters. It is also paramount to begin this process quickly to meet the program's overall timeline and budget.

SELECTION PROCESS

In October, the Project Team drafted a Request for Proposal (RFP) outlining the Construction Managers Scope of Work and project parameters. This RFP was reviewed on several occasions in detail by the project team. PMR reached out to approximately ten Construction Management firms to garner interest in the RFP.

On November 1, 2024, the COL formally posted the RFP documents to MITN. The Project Team conducted a pre-bid meeting on November 7, 2024; which twelve (12) firms participated in. After receiving proposals from nine (9) firms on November 22, 2024, the Project Team evaluated them over the ensuing days.

The Project Team utilized a criteria-based selection (CBS) process to evaluate each firm's Proposal. The CBS process used pre-established and weighted criteria to evaluate the proposals and

objectively shortlist three (3) firms to interview. Selection criteria included firm's experience as related to similar projects, firm's proposed team as related to similar projects, proposed fees/costs, client references, Experience Modification Rating, and project approach.

The Project Team conducted interviews with the shortlisted firms on November 26, 2024. The selection committee consisted of staff from PMR as well as Dave Varga, Debra Lichtenberg, Mark Taormina, and Brandon McCullough. Upon completion of the interviews and after subsequent discussion, the Project Team completed the CBS scoring process.

This recommendation is based on the fact that the firm achieved the highest CBS score for the proposed Project. This score was achieved due to the firm's experience, team experience, approach to completing the project on schedule and within budget, and strong presentation/interview.

RECOMMENDATION

Based on the information noted above, the Project Team recommends awarding the contract for Construction Management services for the new City Hall Facility to Frank Rewold and Sons (FRS), pending final review of terms by legal counsel.

The total contract award recommendation is **\$81,380** and is further defined as follows:

\$ 81,380	Preconstruction Services
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Construction Services Personnel Costs and Reimbursable Expenses will be determined and submitted for approval upon completion of the Guaranteed Maximum Price (GMP). The Construction Manager's overhead and profit will be 1.9% of the cost of the work. The CM fee will be a percentage of the Cost of the Work as defined in the RFP. The reimbursables are a not-to-exceed amount and will be billed as incurred.

If you have any questions regarding the above information, please feel free to contact me at (248) 227-4691 or rick.erickson@plantemoran.com. The Project Team is also available at the COL's convenience to answer any questions.

Sincerely,

Rick Erickson, AIA
Plante Moran Realpoint

CC: Dave Varga, City of Livonia
Mark Taormina, City of Livonia

Debbie Lichtenberg, City of Livonia
Paul Theriault, Plante Moran Realpoint
Andy Fountain, Plante Moran Realpoint

ENCLOSURES: CM Proposal/CBS Scoring Summary

AWARD OF CONTRACT: The Mayor's Office, re: for Civil Engineering services to be performed on the Civic Center campus

BACKGROUND:

As part of the process of creating a City Center per the Livonia Vision 21 plan, the City has requested bids from various design professionals to craft the necessary design and construction documents. The City has selected OHM (Orchard, Hiltz & McCliment, Inc.) to perform the required civil engineering services for the project.

The Civil Engineer will develop and convey an understanding of the site's physical characteristics, including opportunities and challenges, through their initial due diligence. As a result, the Civil Engineer will help take the City Center Master Plan's infrastructure from drawing board to reality through their assistance in the design of innovative corridor improvements, phased infrastructure including stormwater management and public spaces that facilitate an economically feasible and sustainable site redevelopment. After working collaboratively with the Master Planner, the Civil Engineer will be expected to engineer site work and utilities including, but not limited to, building pads and utilities within five feet of civic buildings separately designed by Architecture/ Engineer firms whose selection may be simultaneous and/or subsequent to the Master Planner and Civil Engineer. Additionally, they will be expected to coordinate the completion of required due diligence should site issues be uncovered.

Recommended Resolution

RESOLVED, that having considered correspondence from Plante Moran Realpoint, LLC ("PMR"), dated October 14, 2024, submitted pursuant to PMR's assignment to assist the City in selecting a firm to perform civil engineering services for the Livonia City Center Project, setting forth the process by which a Project Team consisting of representatives of PMR, and the City's administration, staff and legal counsel posted a request for proposal and evaluated proposals received, including interviews with short-listed firms, and now recommends awarding the contract for civil engineering services to Orchard, Hiltz & McCliment, Inc. ("OHM"), for a total contract price not to exceed 6.5% of the cost of work, THE COUNCIL DOES HEREBY APPROVE THE RECOMMENDATION AND AUTHORIZES THE MAYOR AND CITY CLERK, FOR AND ON BEHALF OF THE CITY OF LIVONIA, TO EXECUTE A CONTRACT BETWEEN THE CITY OF LIVONIA AND OHM, 34000 PLYMOUTH ROAD, LIVONIA, MICHIGAN 48150, SUBJECT TO APPROVAL AS TO FORM AND SUBSTANCE BY THE CITY'S DEPARTMENT OF LAW, IN AN AGGREGATE AMOUNT OF FEES AND REIMBURSEABLES NOT TO EXCEED 6.5% OF THE COST OF WORK; FURTHER, the Council does hereby authorize an expenditure of such amounts for such purposes as incurred from Account No. 418-000-813-000 (Professional Fees); FURTHER, the Council does hereby authorize such action without competitive bidding because the City undertook an extensive Request for Proposal to develop the foregoing recommendation, and no advantage to the City would result from requiring competitive bidding, and such action is taken in accordance with Section 3.04.140.E.2.b of the Livonia Code of Ordinances, as amended.

AWARD OF CONTRACT: The Mayor's Office, re: for Surveying services to be performed on the Civic Center campus

BACKGROUND:

As part of the process of creating a City Center per the Livonia Vision 21 plan, the City has requested bids from various design professionals to craft the necessary design and construction documents. The City has selected Spalding DeDecker to perform the required surveying services for the project.

The Surveyor will develop a full site map for the project that includes the locations and layout of the site and all built infrastructure. The surveyor will identify utilities, and topographical and other environmental features that might impact the eventual site plan and buildout of the City Center. The Surveyor's work will inform the Civil Engineer and the Master Planner on design requirements for the site and the Survey will be available for future reference on all required buildout and repairs conducted on the campus.

Recommended Resolution

RESOLVED, that having considered correspondence from Plante Moran Realpoint, LLC ("PMR"), dated October 14, 2024, submitted pursuant to PMR's assignment to assist the City in selecting a firm to perform professional survey services for the Livonia City Center Project, setting forth the process by which a Project Team consisting of representatives of PMR, and the City's administration, staff and legal counsel posted a request for proposal and evaluated proposals received, including interviews with short-listed firms, and now recommends awarding the contract for professional survey services to Spalding DeDecker for a total contract price not to exceed \$67,750.00, THE COUNCIL DOES HEREBY APPROVE THE RECOMMENDATION AND AUTHORIZES THE MAYOR AND CITY CLERK, FOR AND ON BEHALF OF THE CITY OF LIVONIA, TO EXECUTE A CONTRACT BETWEEN THE CITY OF LIVONIA AND SPALDING DEDECKER, 27333 MEADOWBROOK ROAD, SUITE 210, NOVI, MICHIGAN 48377, SUBJECT TO APPROVAL AS TO FORM AND SUBSTANCE BY THE CITY'S DEPARTMENT OF LAW, IN AN AGGREGATE AMOUNT OF FEES AND REIMBURSEABLES NOT TO EXCEED \$67,750.00; FURTHER, the Council does hereby authorize an expenditure of such amounts for such purposes as incurred from Account No. 418-000-813-000 (Professional Fees); FURTHER, the Council does hereby authorize such action without competitive bidding because the City undertook an extensive Request for Proposal to develop the foregoing recommendation, and no advantage to the City would result from requiring competitive bidding, and such action is taken in accordance with Section 3.04.140.E.2.b of the Livonia Code of Ordinances, as amended.

AWARD OF CONTRACT - The Mayor's Office, re: for Master Planning services for the new Civic Center and for Architectural and Engineering services for a new City Hall

BACKGROUND:

As part of the process of creating a City Center per the Livonia Vision 21 plan, the City has requested bids from various design professionals to craft the necessary design and construction documents. The City has selected HED as the most qualified candidate to provide both the Master Plan and Architectural work required for this project.

The master planning scope of work will involve collaborating with City Administration, City Council, PMR, other city consultants, and community stakeholders to craft a master plan for the development of the Livonia Civic Center. The Master Plan will become the framework for future redevelopment of the site which is expected to commence in multiple phases over the next several years. The planner is tasked with leveraging 5 Mile and Farmington Road corridor improvements to spur commercial development and redevelopment, along with a mix of new housing alternatives, active and passive public space as well as civic infrastructure.

The vendor will also provide architectural and engineering work including the creation of schematic, design, and construction documents for the new City Hall building. Their work will include all designs for the building's exterior envelope, interior, elevators, HVAC, plumbing, electrical, mechanical, lighting and security systems. The Architect will also coordinate work with the project's civil engineer, construction manager and various specialized consultants such as the City's technology consultant to ensure that all design requirements are being met.

Recommended Resolution

RESOLVED, that having considered correspondence from Plante Moran Realpoint, LLC ("PMR"), dated October 14, 2024, submitted pursuant to PMR's assignment to assist the City in selecting a firm to perform master planning services for the Livonia Civic Center Project (the "Project") and a professional architectural/engineering firm for the Project, setting forth the process by which a Project Team consisting of representatives of PMR, and the City's administration, staff and legal counsel posted a request for proposal and evaluated proposals received, including interviews with short-listed firms, and now recommends awarding the contract for master planning and professional architectural/engineering services to Harley Ellis Devereaux ("HED") for a total contract price not to exceed \$1,839,050.00 with the master planning services priced at a value not to exceed \$322,500.00, and the architectural/engineering services priced at a value not to exceed \$1,516,550.00, THE COUNCIL DOES HEREBY APPROVE THE RECOMMENDATION AND AUTHORIZES THE MAYOR AND CITY CLERK, FOR AND ON BEHALF OF THE CITY OF LIVONIA, TO EXECUTE A CONTRACT BETWEEN THE

CITY OF LIVONIA AND HED, 123 WEST FIFTH STREET, ROYAL OAK, MICHIGAN 48067, SUBJECT TO APPROVAL AS TO FORM AND SUBSTANCE BY THE CITY'S DEPARTMENT OF LAW, IN AN AGGREGATE AMOUNT OF FEES AND REIMBURSEABLES NOT TO EXCEED \$1,839,050.00; FURTHER, the Council does hereby authorize an expenditure of such amounts for such purposes as incurred from Account No. 418-000-813-000 (Professional Fees); FURTHER, the Council does hereby authorize such action without competitive bidding because the City undertook an extensive Request for Proposal to develop the foregoing recommendation, and no advantage to the City would result from requiring competitive bidding, and such action is taken in accordance with Section 3.04.140.E.2.b of the Livonia Code of Ordinances, as amended.

CAPITAL OUTLAY AND INFRASTRUCTURE COMMITTEE MEETING
MONDAY, OCTOBER 14, 2024
7:00PM

A Capital Outlay and Infrastructure Committee meeting was held on Monday, October 14, 2024, at Livonia City Hall in the City Council Chambers on the 2nd floor.

Committee Members Present: Rob Gjonaj-Donovic, Chair
Jim Jolly, Vice Chair
Carrie Budzinski, Member

Committee Members Absent: Brandon McCullough, Council President
Scott Morgan, City Councilmember
Laura Toy, Councilmember

City Council Members Present: Martha Ptashnik, Council Vice President

**City Officials
and Others Present:** Maureen Miller Brosnan, Mayor
Carter Fisher, City Attorney
Dave Varga, Chief of Staff
Debbie Lichtenberg, Finance Director
Mark Taormina, Planning and Economic Development
Director
Todd Zilincik, City Engineer
Dave Lear, Assistant City Engineer
Paul Theriault, Plante Moran Realpoint
Doug Smith, Plante Moran Realpoint
Ava Wisniewski, Plante Moran Realpoint

1. The subject matter of the planning, design and construction of the new Civic Center Campus. (CR 330-24)
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The meeting convened at 7:02 pm, led by Committee Chair, Rob Gjonaj-Donovic.

The Mayor started off the meeting giving us an update on the Civic Center Campus project and the recent interviews of key partners in Professional Services contracts.

Plante Moran Realpoint (PMR), on behalf of the city explained the bids that went out to public bid for multiple professional services.

The Administration is ultimately recommending companies HED for Master Planning services for the entire site and OHM for Civil Engineering for the entire city site. HED for architectural and engineering services for the City Hall project specifically, and Spalding DeDecker for site surveying services and for a traffic study of the existing intersection.

The Project Team, made up of city staff and PMR conducted preproposal meetings with dozens of local and national firms for the above professional services that were all publicly bided.

The traffic study will go out a mile in each direction and is an initial study of current traffic flows and patterns to gather base line data.

PMR explained that as the Project Team creates the master plan, the traffic study vendor will conduct another study to analyze the impact to traffic flows.

There was concealable discussion about the future of the 5 Mile and Farmington Roads intersection and that the 6 lanes of roadway in each direction should be considered for changes to the number of lanes and flow of traffic.

Some mentioned that these lanes and this intersection would need to be altered to capture the identity of a downtown area with walkability and safer access to pedestrian foot traffic for the success of the future Civic Center Campus. But most importantly the safety of pedestrians walking, running, biking, shopping, and living.

Multiple firms bid on the traffic study contract; the administration is recommending the contract be awarded to Spalding DeDecker in the amount of \$17,700. This is under the \$20,000 City Council purchasing threshold, so it doesn't need a Council vote.

This vendor, Spalding DeDecker is a part of the cities already pre-qualified bidders, and our engineering department works with this vendor.

The next item was for Survey Services for the entire Civic Center Campus. Multiple companies publicly bid on the survey services professional contract.

The survey helps the master planners, architects, and engineers determine where underground utilities are. Helps determine where the boundary lines are and determine the topographical layout of the entire site.

Multiple firms bid on the survey services contract; the administration is recommending the contract be awarded to Spalding DeDecker in the amount of \$67,750. This vendor, Spalding

DeDecker is also a part of the cities already pre-qualified bidders, and our engineering department works with this vendor.

The next item was for Civil Engineering firms for the entire Civic Center Campus. Multiple firms publicly bid on Civil Engineering work, they were interviewed by a panel of city staff and PMR.

OHM talked about the future of the 5 mile and Farmington Roads intersection. They would work with Wayne County, who owns the roads, to rework the intersection, boulevards, and thoroughfares. They are very experienced with roads and dealing with the county authorities.

They look for ways to yes as opposed to no. They will work on storm water sewers, and other various utilities services. They work on pedestrian walkways to keep the residents safe and help with the layout of builds in conjunction with our city engineering department and other professional services.

PMR explained the going rate is 5% to 15% for civil engineering services of the project, OHM is 6.5%. The final price is not known yet, PMR explained the city can change to a fixed fee as opposed to percentage base if determinized to be the best deal for the city.

Multiple firms bid on the Civil Engineering services contract; the Administration is recommending the contract be awarded to OHM. This vendor, OHM is also a part of the cities already pre-qualified bidders, and our engineering department works with this vendor. OHM also worked on the Livonia Vision 21 Master Plan.

The next item was for Master Planning firms for the entire Civic Center Campus. Multiple firms publicly bid on Master Planning work, they were interviewed by a panel of city staff and PMR.

HED does a lot of local work but also national, so they have vast experience and creative abilities.

HED is bringing on a sub consultant to assist with the work, Design Works is experienced on the national scale and do a lot of work in neighborhood communities like Livonia.

There was a focus on this project being economically realistic and feasible to the marketplace.

Very throughout scope of work, focused on discovery and focal points of our community and identity. They help set the realistic tone for this project and have worked with other cities in Michigan.

HED will begin working on rendering and plan to bring multiple plans to the City Council in April of 2025. There will be input from the community and Council at multiple points.

Multiple firms bid on the Master Planning services contract; the Administration is recommending the contract be awarded to HED for \$345,000.

HED was also selected by the panel for architectural and engineering services for the design of City Hall. Multiple firms publicly bid on architectural and engineering services work.

This would specifically be for the City Hall.

HED would analyze the Space needs Assessment conducted by PMR over the last few years to design the City Hall. HED has multiple divisions and bandwidth to do both the master planning work for the Campus and architectural and engineering for City Hall.

Council talked about this project price being under control and not being too expensive. Keeping this building under a controlled budget is very important, and this building isn't just an office building, but the people's house, and having a Council Chambers for the Council to meet residents and provide a space for the residents to have their voices heard.

HED architectural is very creative and listen to what our city wants. They recently worked with Redford Township to design some new municipal buildings.

HED should be bringing Council a rendering in summer to fall of 2025, hopefully breaking ground in late 2025 or early 2026.

The funds for these above contracts would come for the 418 fund, Building Improvement Fund.

Bond dollars would cover these professional service expenditures, and the 418 Fund would be reimbursed.

The Bond proposal will come back to the Council in summer of 2025.

All these bids and documents are included in the packet and available to the public. Council explained to the Administration and Mayor it's important to continue to have committee meetings keeping the City Council updated on the status of the Civic Center Campus project.

Councilman Jim Jolly recommended four Council approvals.

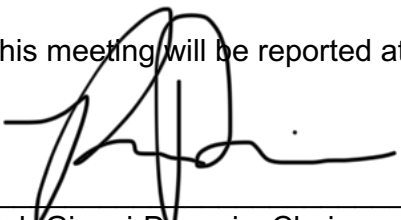
The meeting adjourned at 8:27 pm.

The Committee recommends:

1. For the Law Department to draft the following resolutions for the Civic Center Campus:
 - a. Survey services
 - b. Master Planning services
 - c. Civil Engineering services
 - d. City Hall Architectural services

Note: This item will remain in Committee.

This meeting will be reported at the Regular Meeting of November 6, 2024.



Rob Gjonaj-Donovic, Chair



LETTER TO THE LIVONIA CITY COUNCIL

1.

Council Office
October 7, 2024

MEETING DATE

COI101424/R110624

PRESENTED BY

AGENDA ITEM

The subject matter of the planning, design and construction of the new Civic Center Campus. (CR 330-24)

BACKGROUND DETAILS

At the Regular Meeting of October 7, 2024:

RESOLVED, that upon the motion by Councilmember Rob Donovic, seconded by Council Vice President Martha Ptashnik, at the Regular Meeting held October 7, 2024, the Council does hereby refer the subject matter of the planning, design and construction of the new Civic Center campus to the Capital Outlay and Infrastructure Committee for its report and recommendation.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

To discuss the subject matter as presented.

ATTACHMENTS

1. COI101424 Email RE_ Award Recommendation Letters and Proposal Summaries
2. COI101424 LCC_City Hall_AE_Contract Award Recommendation Letter_AE- Updated
3. COI101424 LCC_Contract Award Recommendation Letter_CE-Updated
4. COI101424 LCC_Contract Award Recommendation Letter_MP- Updated
5. COI101424 LCC_Survey_Contract Award Recommendation Letter- Updated
6. COI101424 LCC_Traffic Study_Contract Award Recommendation Letter- Updated

APPROVED BY

From: [Lichtenberg, Debra](#)
To: [Kasprowicz, Sara](#)
Cc: [Doug.Smith](#); [Andy.Fountain](#); [Paul Theriault](#); [Rick.Erickson](#); [Taormina, Mark](#); [Kandah, Gus](#); [Fisher, Carter](#); [Varga, Dave](#); [Ava Wisniewski](#)
Subject: RE: Award Recommendation Letters and Proposal Summaries
Date: Monday, October 14, 2024 12:12:06 PM
Attachments: [LCC Contract Award Recommendation Letter MP- Updated.pdf](#)
[LCC Contract Award Recommendation Letter CE-Updated.pdf](#)
[LCC City Hall AE Contract Award Recommendation Letter AE- Updated.pdf](#)
[LCC Survey Contract Award Recommendation Letter- Updated.pdf](#)
[LCC Traffic Study Contract Award Recommendation Letter- Updated.pdf](#)
[image001.png](#)

Sara,

CORRECT VERSIONS ATTACHED.

Attached please find the updated information relevant to the Capital Outlay and Infrastructure Committee Meeting to be held this evening. Please distribute and post the information accordingly.

Thank you!
Debbie

Debra Peck Lichtenberg, CPA
Finance Director
City of Livonia | Finance Department
(734) 466-2260
dlichtenberg@livonia.gov

Debra Peck Lichtenberg, CPA
Finance Director
City of Livonia | Finance Department
(734) 466-2260
dlichtenberg@livonia.gov

From: Ava Wisniewski <Ava.Wisniewski@plantemoran.com>
Subject: Award Recommendation Letters and Proposal Summaries

Good afternoon Livonia City Center team,

Plante Moran Realpoint is pleased to present the award recommendation letters for five services related to the new City Center Program.

1. Master Planning Services- HED
2. Civil Engineering Services- OHM

3. Architect Engineer Services of City Hall- HED
4. Traffic Study Services- Spalding DeDecker
5. Surveying Services- Spalding DeDecker

Please see the attached documents related to these recommendations. We will be there to present these at the Capital Outlay Committee meeting on Monday, October 14.

If there are any questions in the meantime please let us know. Thank you for your time over the last few weeks during this process.

Best,
Ava

Ava Wisniewski | Consultant

Plante Moran Realpoint, 3000 Town Center, Suite 100, Southfield, MI 48075

Direct Dial: 248.223.3998 | Mobile: 313.520.1364

[Plante Moran Realpoint](#) | [Twitter](#) | [Facebook](#) | [LinkedIn](#) | [Subscribe](#)

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October 14, 2024

Ms. Maureen Miller Brosnan
Mayor
City of Livonia
3300 Civic Center Dr., Livonia, MI 48154

RE: Livonia City Center – New City Hall Facility
Architectural/Engineering Services Contract Award Recommendation

Dear Ms. Miller Brosnan:

Please find in this letter an update from Plante Moran Realpoint (PMR) regarding our assignment to assist and advise the City of Livonia (COL) in selecting a professional architectural/engineering (A/E) firm for the new City Hall facility. This update represents the mutual efforts of PMR, COL administration, staff, and legal counsel (the Project Team) to identify, evaluate, and recommend a firm for the new City Hall facility.

The Architectural Engineering Services for City Hall Scope of Work is critical to designing the new facility. It is also paramount to begin this process quickly in order to meet the program's overall timeline and budget.

SELECTION PROCESS

In August and early September, the Project Team drafted a Scope of Work and request for proposals (RFP). This Scope of Work was also reviewed on several occasions in detail by the project team. PMR also reached out to roughly a dozen architectural/ engineering firms to garner interest in the RFP.

On September 9, 2024, the COL formally posted the RFP documents to MITN. The Project Team conducted a pre-proposal meeting on September 16, 2024, which twenty-five (25) firms participated in. After receiving proposals from twelve (12) firms on September 30, 2024, the Project Team evaluated them over the ensuing days.

The Project Team utilized a criteria-based selection (CBS) process to evaluate each A/E firm's Proposal. The CBS process used pre-established and weighted criteria to evaluate the proposals to objectively shortlist four (4) A/E firms for interviews. Selection criteria included relevant project

experience, proposed staff and team experience, past experience with the COL, available manpower, proposed fee, and firm approach to the project.

The Project Team conducted interviews with the shortlisted firms on October 8, 2024. The selection committee consisted of staff from PMR as well as Mayor Maureen Miller Brosnan, Dave Varga, Debra Lichtenberg, Mark Taormina, Jeannine Laible, and Brandon McCullough along with other City staff. Upon completion of the interviews and after subsequent discussion, the Project Team completed the CBS scoring process.

This recommendation is based on the fact that the firm achieved the highest CBS score for the proposed Project. This score was achieved due to their firm experience, team experience, the firm's approach to completing the project on schedule and within budget, and strong presentation/interview.

RECOMMENDATION

The Project Team recommends awarding the A/E services contract for the new City Hall Facility to HED (Harley Ellis Devereaux), pending final review of terms by legal counsel.

The total contract award recommendation is \$1,516,550 and is further defined as follows:

\$1,510,550	Fixed Lump-Sum Fee (approximately 6.43%)
\$ 6,000	Not-to-Exceed Reimbursables
\$1,516,550	Total Contract Award Recommendation

The A/E fee will be a fixed lump-sum amount based upon the scope, budget, and timeline established in the RFP. The reimbursables are a not-to-exceed amount and will be billed as incurred.

If you have any questions regarding the above information, please feel free to contact me at (248) 227-4691 or rick.erickson@plantemoran.com. The Project Team is also available at the COL's convenience to answer any questions.

Sincerely,

Rick Erickson, AIA
Plante Moran Realpoint

CC: Dave Varga, City of Livonia
Mark Taormina, City of Livonia
Debbie Lichtenberg, City of Livonia

Paul Theriault, Plante Moran Realpoint
Andy Fountain, Plante Moran Realpoint

ENCLOSURES: A/E Proposal/CBS Scoring Summary

October 14, 2024

Ms. Maureen Miller Brosnan
Mayor
City of Livonia
3300 Civic Center Dr., Livonia, MI 48154

RE: Livonia City Center
Civil Engineering Services Contract Award Recommendation

Dear Ms. Miller Brosnan:

Please find in this letter an update from Plante Moran Realpoint (PMR) regarding our assignment to assist and advise the City of Livonia (COL) in selecting a firm to perform civil engineering (CE) services for the Livonia City Center Program. This update represents the mutual efforts of PMR, COL administration, staff, and legal counsel (the Project Team) to identify, evaluate, and recommend a firm for the City Center Program.

The Civil Engineering Services Scope of Work is critical to taking the Master Planner's vision from drawing board to reality. It is also paramount to begin this process quickly in order to meet the program's overall timeline and budget.

SELECTION PROCESS

In August and early September, the Project Team drafted a Scope of Work and request for proposals (RFP). This Scope of Work was also reviewed on several occasions in detail by the project team. PMR also reached out to roughly a dozen civil engineering firms to garner interest in the RFP.

On September 9, 2024, the COL formally posted the request for proposal (RFP) documents to MITN. The Project Team conducted a pre-proposal meeting on September 16, 2024, which fourteen (14) firms participated in. After receiving proposals from eight (8) firms on September 30, 2024, the Project Team evaluated them over the ensuing days.

The Project Team utilized a criteria-based selection (CBS) process to evaluate each CE firm's proposal. The CBS process used pre-established and weighted criteria to evaluate the proposals to objectively shortlist two (2) firms for interviews. Selection criteria included relevant project

experience, proposed staff and team experience, local presence and experience, available manpower, proposed fee, and firm approach to the project.

The Project Team conducted interviews with the shortlisted firms on October 9, 2024. The selection committee consisted of staff from PMR as well as Mayor Maureen Miller Brosnan, Dave Varga, Debra Lichtenberg, Mark Taormina, David Lear, Jeannine Laible, and Rob Donovic along with other City staff. completion of the interviews and after subsequent discussion, the Project Team completed the CBS scoring process.

This recommendation is based on the fact that the firm achieved the highest CBS score for the proposed Project. This score was achieved due to their firm experience, the team's experience working together, the firm's competitive proposed fee, and strong presentation/ interview.

RECOMMENDATION

The Project Team recommends awarding the CE services contract for the Livonia City Center Program to OHM (Orchard, Hiltz & McCliment, Inc.), pending final review of terms by legal counsel.

The total contract award recommendation is 6.5% of the Cost of Work. The CE fee will be converted to a fixed lump-sum amount based upon the scope, budget, and timeline established in an amendment to the contract at a later date. The reimbursables are a not-to-exceed amount and will be billed as incurred.

If you have any questions regarding the above information, please feel free to contact me at (248) 603-5356 or doug.smith@plantemoran.com. The Project Team is also available at the COL's convenience to answer any questions.

Sincerely,

Doug Smith
Plante Moran Realpoint

CC: Dave Varga, City of Livonia
Mark Taormina, City of Livonia
Debbie Lichtenberg, City of Livonia
Gus Kandah, City of Livonia
Paul Theriault, Plante Moran Realpoint
Andy Fountain, Plante Moran Realpoint

ENCLOSURES: CE Proposal/ CBS Scoring Summary

October 14, 2024

Ms. Maureen Miller Brosnan
Mayor
City of Livonia
3300 Civic Center Dr., Livonia, MI 48154

RE: Livonia City Center
Master Planning Services Contract Award Recommendation

Dear Ms. Miller Brosnan:

Please find in this letter an update from Plante Moran Realpoint (PMR) regarding our assignment to assist and advise the City of Livonia (COL) in selecting a firm to perform master planning (MP) services for the Livonia City Center Program. This update represents the mutual efforts of PMR, COL administration, staff, and legal counsel (the Project Team) to identify, evaluate, and recommend a firm for the City Center Program.

The Master Planning Services Scope of Work is critical to bringing the City's vision for the City Center to life. It is also paramount to begin this process quickly in order to meet the program's overall timeline and budget.

SELECTION PROCESS

In August and early September, the Project Team drafted a Scope of Work and request for proposals (RFP). This Scope of Work was also reviewed on several occasions in detail by the project team. PMR also reached out to roughly a dozen master planning firms to garner interest in the RFP.

On September 9, 2024, the COL formally posted the request for proposal (RFP) documents to MITN. The Project Team conducted a pre-proposal meeting on September 16, 2024; which fourteen (14) firms participated in. After receiving proposals from eight (8) firms on September 30, 2024, the Project Team evaluated them over the ensuing days.

The Project Team utilized a criteria-based selection (CBS) process to evaluate each MP firm's proposal. The CBS process used pre-established and weighted criteria to evaluate the proposals to objectively shortlist four (4) firms for interviews. Selection criteria included relevant project

experience, proposed staff and team experience, local presence and experience, available manpower, proposed fee, and firm approach to the project.

The Project Team conducted interviews with the shortlisted firms on October 9, 2024. The selection committee consisted of staff from PMR as well as Mayor Maureen Miller Brosnan, Dave Varga, Debra Lichtenberg, Mark Taormina, David Lear, Jeannine Laible, and Rob Donovic along with other City staff. Upon completion of the interviews and after subsequent discussion, the Project Team completed the CBS scoring process.

This recommendation is based on the fact that the firm achieved the highest CBS score for the proposed Project. This score was achieved due to their firm experience, the team's experience working together, the firm's approach to completing the project on schedule and within budget, and strong presentation/ interview.

RECOMMENDATION

The Project Team recommends awarding the MP services contract for the Livonia City Center Program to HED (Harley Ellis Devereaux), pending final review of terms by legal counsel.

The total contract award recommendation is \$322,500.00 and is further defined as follows:

\$ 345,000.00	Fixed Lump-Sum Fee
- \$25,000	Credit to proposed fee (awarded both MP and AE for City Hall)
\$ 2,500.00	Not-to-Exceed Reimbursables
\$ 322,500.00	Total Contract Award Recommendation

The MP fee will be a fixed lump-sum amount based upon the scope, budget, and timeline established in the RFP. The reimbursables are a not-to-exceed amount and will be billed as incurred.

If you have any questions regarding the above information, please feel free to contact me at (248) 603-5356 or doug.smith@plantemoran.com. The Project Team is also available at the COL's convenience to answer any questions.

Sincerely,

Doug Smith
Plante Moran Realpoint

CC: Dave Varga, City of Livonia
Mark Taormina, City of Livonia

Debbie Lichtenberg, City of Livonia

Gus Kandah, City of Livonia

Paul Theriault, Plante Moran Realpoint

Andy Fountain, Plante Moran Realpoint

ENCLOSURES: MP Proposal/ CBS Scoring Summary

October 14, 2024

Ms. Maureen Miller Brosnan
Mayor, City of Livonia
3300 Civic Center Dr.
Livonia, MI 48154

RE: Livonia City Center Program
Contract Award Recommendation - Survey Services

Dear Ms. Miller Brosnan:

Please find in this letter an update from Plante Moran Realpoint (PMR) regarding our assignment to assist and advise the City of Livonia (COL) in selecting a professional surveying firm for the Livonia City Center Program. This update represents the mutual efforts of PMR, COL administration, staff, and legal counsel (the Project Team) to identify, evaluate, and recommend a firm for the Livonia City Center Program.

The Surveying Scope of Work is an important one in helping the Project Team understand the boundaries of the property, any easements or restrictions contained within, the location and condition of site utilities as well as the site topography.

SELECTION PROCESS

In early September, the Project Team drafted a Scope of Work and request for proposals (RFP). This Scope of Work was also reviewed in detail by David Lear and Todd Zilincik with the City, who had great insights into some of the historical conditions on site. PMR also reached out to all four (4) civil engineering firms, which are pre-qualified by the City, to garner interest in the RFP.

On September 18, 2024, the Project Team issued an RFP to the City of Livonia's four (4) pre-qualified civil engineering firms. After clarifying a few questions and issuing responses, three of the four firms submitted proposals on September 27, 2024, and the Project Team evaluated them over the ensuing days.

As the firms were pre-qualified, the Project Team did not utilize a criteria-based selection (CBS) process but did review the proposals for completeness of scope, fees/costs and acceptance of contract terms/conditions.

RECOMMENDATION

For this Project the selection team included staff from PMR as well as Dave Varga, Mark Taormina, David Lear, Todd Zilincik as well as other City staff. The Project Team recommends awarding the surveying services contract for the Livonia City Center Program to Spalding DeDecker, pending final review of terms by legal counsel.

The total contract award recommendation is \$67,750.00 and is further defined as follows:

\$ 67,750	Fixed Lump-Sum Fee
\$ 0	Not-to-Exceed Reimbursables
\$ 67,750	Total Contract Award Recommendation

This recommendation is due to the fact that Spalding DeDecker is pre-qualified by the City, had a very competitive fee, which was within budget, is one of the largest surveying firms in the state, can meet the proposed schedule and that they have previously surveyed several areas of the Civic Center property.

The surveying work is anticipated to be completed by the end of the calendar year, if not sooner.

If you have any questions regarding the above information, please feel free to contact me at (248) 223-3380 or paul.theriault@plantemoran.com. The Project Team is also available at the COL's convenience to answer any questions.

Sincerely,

Paul Theriault, PE LEED AP
Plante Moran Realpoint

CC: Dave Varga, City of Livonia
Mark Taormina, City of Livonia
Debbie Lichtenberg, City of Livonia
Gus Kandah, City of Livonia
Andy Fountain, Plante Moran Realpoint

ENCLOSURES: Proposal Summary

October 14, 2024

Ms. Maureen Miller Brosnan
Mayor, City of Livonia
3300 Civic Center Dr.
Livonia, MI 48154

RE: Livonia City Center Program
Contract Award Recommendation – Traffic Study Services

Dear Ms. Miller Brosnan:

Please find in this letter an update from Plante Moran Realpoint (PMR) regarding our assignment to assist and advise the City of Livonia (COL) in selecting a professional traffic study firm for the Livonia City Center Program. This update represents the mutual efforts of PMR, COL administration, staff, and legal counsel (the Project Team) to identify, evaluate, and recommend a firm for the Livonia City Center Program.

The Traffic Study Scope of Work is another important piece of information that is essential to the Project Team to understand any existing traffic flow issues in and around the Civic Center site and to assist in the Master Planning and Civil Engineering. This study will extend up to 1 mile in each direction from the corner of 5 Mile and Farmington Roads.

SELECTION PROCESS

In early September, the Project Team drafted a Scope of Work and request for proposals (RFP). This Scope of Work was also reviewed in detail by David Lear and Todd Zilincik with the City, who had good perspective on how far to extend the limits of the study. PMR also reached out to all four (4) civil engineering firms, which are pre-qualified by the City, to garner interest in the RFP.

On September 18, 2024, the Project Team issued an RFP to the City of Livonia's four (4) pre-qualified civil engineering firms. After clarifying a few questions and issuing responses, two of the four firms submitted proposals on September 27, 2024, and the Project Team evaluated them over the ensuing days.

As the firms were pre-qualified, the Project Team did not utilize a criteria-based selection (CBS) process but did review the proposals for completeness of scope, fees/costs and acceptance of contract terms/conditions.

RECOMMENDATION

For this Project the selection team included staff from PMR as well as Dave Varga, Mark Taormina, David Lear, Todd Zilincik as well as other City staff. The Project Team recommends awarding the traffic study services contract for the Livonia City Center Program to Spalding DeDecker, pending final review of terms by legal counsel.

The total contract award recommendation is \$17,700.00 and is further defined as follows:

\$ 17,700	Fixed Lump-Sum Fee
\$ 0	Not-to-Exceed Reimbursables
\$ 17,700	Total Contract Award Recommendation

This recommendation is due to the fact that Spalding DeDecker is pre-qualified by the City, had a very competitive fee, which was within budget, and can meet the proposed schedule.

The traffic study work is anticipated to be completed by the end of the calendar year, if not sooner.

If you have any questions regarding the above information, please feel free to contact me at (248) 223-3380 or paul.theriault@plantemoran.com. The Project Team is also available at the COL's convenience to answer any questions.

Sincerely,

Paul Theriault, PE LEED AP
Plante Moran Realpoint

CC: Dave Varga, City of Livonia
Mark Taormina, City of Livonia
Debbie Lichtenberg, City of Livonia
Gus Kandah, City of Livonia

Andy Fountain, Plante Moran Realpoint

ENCLOSURES: Proposal Summary

Regular Meeting Minutes of October 7, 2024

On a motion by Councilmember Jolly, supported by Vice President Ptashnik and unanimously adopted, it was:

#330-24 RESOLVED, that upon the motion by Councilmember Rob Donovic, seconded by Council Vice President Martha Ptashnik, at the Regular Meeting held October 7, 2024, the Council does hereby refer the subject matter of the planning, design, and construction of the New Civic Center Campus to the Capital Outlay and Infrastructure Committee for its report and recommendation.

<i>RESOLUTION REQUESTED BY COUNCIL (Regular Meeting of October 7, 2024)</i>

Motion:	Jolly
Second:	Ptashnik
Present:	Ptashnik, Donovic, Budzinski, Morgan, Jolly, and McCullough
Absent:	Toy

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

5. WAIVER PETITION: Planning Commission, re: Petition 2024-10-02-19, submitted by Cooper's Hawk Winery, requesting waiver use approval to operate with an on-premises Class C liquor license (sale of beer, wine and spirits for consumption on the premises), operate an off-premises SDM liquor license (sale of packaged beer and wine) and a full service restaurant with outdoor dining at 17117 North Laurel Park Drive, located on the west side of Laurel Park between I-275 and Newburgh Road in the Southeast ¼ of Section 7.

Mark Taormina, City Planner, presented this matter to Council and indicated the waiver use petition is for an approval to operate Class C liquor license and an off-premises SDM liquor license at a new establishment of Cooper's Hawk Winery. Mr. Taormina Council approval will require separation of establishments located within a 1000' of this establishment and the SMD is for off-premises sales.

President McCullough stated since the last time they heard about Cooper's Hawk Winery and doing research, this is a great establishment that everyone is raving about and inquired when development would start?

Jennifer Lesina, Entitlements Manager for Cooper's Hawk Winery, was present to answer any questions of council and indicated hopefully once permits are obtained by the Developer within the next few weeks, and Cooper's Hawk hopes to start in March 2025. She indicated there are several in Michigan including Kentwood, Clinton Township, Troy and one being built in Lansing scheduled to open in the next month or so.

DIRECTION:

APPROVING

CONSENT



LETTER TO THE LIVONIA CITY COUNCIL

5.

Planning
November 18, 2024

MEETING DATE

S120224/R121824

PRESENTED BY

Mark Taormina, Planning and Economic Development Director

AGENDA ITEM

WAIVER PETITION: Planning Commission, re: Petition 2024-10-02-19, submitted by Cooper's Hawk Winery, to operate with an on-premises Class C liquor license (sale of beer, wine, and spirits for consumption on the premises), operate an off-premises SDM liquor license (sale of packaged beer and wine) and a full-service restaurant with outdoor dining at 17117 North Laurel Park Drive, located on the west side of Laurel Park between I-275 and Newburgh Road in the Southeast ¼ of Section 7.

BACKGROUND DETAILS

November 18, 2024

Honorable Members of the City Council
City of Livonia, Michigan

Re: Petition 2024-10-08-19 - Cooper's Hawk Winery

Dear Council Members:

At the 1,222nd Public Hearing and Regular Meeting held by the City Planning Commission on November 12, 2024, the following resolution was adopted:

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

#10-60-2024 RESOLVED, That pursuant to a Public Hearing having been held by the City Planning Commission on November 12, 2024, on Petition 2024-10-02-19 submitted by Cooper's Hawk Winery, requesting waiver use approval under Sections 6.03 of the Livonia Zoning Ordinance, as amended, to operate with an on-premises Class C liquor license (sale of beer, wine and spirits for consumption on the premises) and an off-premises SDM liquor license (sale of packaged beer and wine) at 17117 North Laurel Park Drive, located on the west side of Laurel Park between I-275 and Newburgh Road in the Southeast ¼ of Section 7, the Planning Commission does hereby recommend to the City Council that Petition 202-10-02-19 be approved subject to the following conditions:

1. That this approval is subject to City Council waiving the 1,000-foot separation requirement between Class C-licensed establishments.

2. That the maximum customer seating count shall not exceed a total of 260 interior seats and forty (40) exterior seats.
3. That only conforming signage is approved with this petition, and any additional signage shall be separately submitted for review and approval by the Zoning Board of Appeals.
4. That no LED lightband or exposed neon shall be permitted on this site including, but not limited to, the building or around the windows.
5. That unless approved by the proper local authority, any type of exterior advertising, such as promotional flags, streamers or sponsor vehicles designed to attract the attention of passing motorists, shall be prohibited; and
6. Pursuant to Section 13.13 of the Livonia Zoning Ordinance, as amended, this approval is valid for a period of one year only from the date of approval by the City Council, and unless a building permit is obtained, this approval shall be null and void at the expiration of said period.

FURTHER RESOLVED, That notice of the above hearing was given in accordance with the provisions of Section 13.13 of Livonia Zoning Ordinance, as amended.

ATTACHMENTS

1. 2024-10-02-19_E-COUNCIL Pkt

APPROVED BY



Mark Taormina, Planning and Economic Development Director

Date: November 18, 2024



Maureen Miller Brosnan, Mayor

Date: November 21, 2024

Petition 2024-10-02-19 submitted by Cooper's Hawk Winery, requesting waiver use approval under Sections 6.03 of the Livonia Zoning Ordinance, as amended, to operate with an on-premises Class C liquor license (sale of beer, wine and spirits for consumption on the premises) and an off-premises SDM liquor license (sale of packaged beer and wine) at 17117 North Laurel Park Drive, located on the west side of Laurel Park between I-275 and Newburgh Road in the Southeast ¼ of Section 7.

CITY OF LIVONIA, MICHIGAN
APPLICATION FOR WAIVER USE APPROVAL

All applications must be presented in triplicate to the City Clerk, 33000 Civic Center Drive, Livonia, MI 48154-3097. Applications **must** include property owner's name, address and notarized signature.

For filing fee see below for computation

Date Filed: _____ Petition 2024-10-02-19
Site Address: 17123 North Laurel Park Drive Sidwell 46-028-99-0006-008 Zoning of Property C-4
Requesting Approval To Allow a Class C and SDM Liquor License.
Applicant: Sandi LeBlanc Business/Company: LD Reeves for Cooper's Hawk Winery & Restaurant
Applicant's Address: 3500 Lacey Rd Suite 1000 City: Downer's Grove State: IL Zip Code: 60515
Applicant's Phone # (804) 389-9449 Applicant's Email Sandif@Ldreeves.com
Contact Person: Jennifer Lesyna Business/Company: Cooper's Hawk Winery of Livonia LLC
Contact's Address: 3500 Lacey Rd Suite 1000 City: Downer's Grove State: IL Zip Code: 60515
Contact's Phone # (773) 908.1886 Contact's Email jlesyna@chwinery.com

Please provide the following information:

- 1) **Site Plan** showing:
 - property dimensions, including road right-of-way & building setback lines
 - foot print of building(s), including dimensions & square footage
 - all easements, protective walls, sidewalks & existing trees
 - any significant topographic features (existing or proposed)
 - parking layout, including type of surface material, sizes of spaces & aisles
 - method used in calculating parking requirement
 - location of light standards servicing parking lot & cutout showing type & height
 - location of trash receptacle, including description of screening
 - location of signs
- 2) **Detailed Landscape Plan** including:
 - listing or labeling of all planted materials as to type and size
 - areas to be fully irrigated
 - percentage of landscaping provided (15% of total site required)
- 3) **Building Elevation Plan** depicting:
 - architectural quality
 - wall section & detail plan - exterior building materials must be labeled (i.e. brick, thin brick, E.F.I.S.)
 - all visible rooftop mechanical equipment and how they will be screened
- 4) **General Floor Plan** showing:
 - floor layout
 - entrances & exits
 - restaurants are required to illustrate seating arrangement & capacity
- 5) **One (1) set of reduced plans** (i.e. site, landscape, elevation, floor), **a maximum 11" x 17" in size, or digital file in a .pdf format either on CD or emailed to planning@livonia.gov**
- 6) **Legal Description** of the property to be considered (Clearly Printed)
- 7) Three (3) completed application forms & **three (3)** sets of full-size drawings

You are invited and encouraged to review your proposal with the Planning Department staff. Only one set of preliminary drawings will be necessary for this analysis.

FEE COMPUTATION		\$700.00 (\$400 publication fee plus \$300 base review fee) plus
11,470SF	sq. ft. of new construction x \$20.00 per 1,000 sq. ft. plus \$30 per lot or unit for residential construction.	(NOTE: Round off to nearest 1,000) + 240.00
		Total Amount Due \$ 940.00

Owner of Property: Laurel Investment, LLC
Owner's Address: 29200 Northwestern Hwy., Suite 450 City: Southfield State: MI Zip Code: 48034
Owner's Phone # (248) 855-2100 Owner's Email abaskins@group10.net
Signature of Owner: [Signature] Print Name: Majid Koza
Subscribed and sworn to before me, a Notary Public in and for the County of Oakland State of Michigan
on this 10th day of October 2024
Signature of Notary [Signature] NOTARY PUBLIC, STATE OF MI 7/10/2028
Acting in the County of Oakland My Commission Expires July 6, 2028
Acting in the County of Oakland

UNAPPROVED MINUTES

1

MINUTES OF THE 1,222nd PUBLIC HEARINGS AND REGULAR MEETING HELD BY THE CITY PLANNING COMMISSION OF THE CITY OF LIVONIA

On Tuesday, November 12, 2024, the City Planning Commission of the City of Livonia held its 1,222nd Public Hearing and Regular Meetings in the Livonia City Hall, 33000 Civic Center Drive, Livonia, Michigan.

Mr. Ian Wilshaw, Chairman, called the meeting to order at 7 p.m.

Members present:	Wafa Dinaro	David Bongero	Sam Caramagno
	Glen Long	Peter Ventura	Ian Wilshaw

Members absent: None

Mr. Jacob Uhazie, Assistant Planning Director, and Stephanie Reece, Program Supervisor, were also present.

Chairman Wilshaw informed the audience that if a petition on tonight's agenda involves a rezoning request, this Commission makes a recommendation to the City Council who, in turn, will hold its own public hearing and make the final determination as to whether a petition is approved or denied. The Planning Commission holds the only public hearing on a request for preliminary plat and/or vacating petition. The Commission's recommendation is forwarded to the City Council for the final determination as to whether a plat is accepted or rejected. If a petition requesting a waiver of use or site plan approval is denied tonight, the petitioner has ten days in which to appeal the decision, in writing, to the City Council. Resolutions adopted by the City Planning Commission become effective seven (7) days after the date of adoption. The Planning Commission and the professional staff have reviewed each of these petitions upon their filing. The staff has furnished the Commission with both approving and denying resolutions, which the Commission may, or may not, use depending on the outcome of the proceedings tonight.

ITEM #3 PETITION 2024-10-02-18

Mr. Miguels

Mr. Caramagno, Secretary, announced the next item on the agenda, Petition 2024-10-02-18 submitted by Mr. Miguel's, requesting waiver use approval pursuant to Section 6.51 of the City of Livonia Zoning Ordinance, as amended, to construct an outdoor dining patio at 39305 Plymouth Road, located on the south side of Plymouth Road east of Newburgh Road in the Southwest ¼ of Section 30.

Mr. Uhazie: This is to construct a permanent outdoor dining area at the restaurant, which is currently zoned C-2. To the north is the

Sunoco station, which is zoned C-2. And to the northeast of the property is zoned M-1. To the east of the petition site is an office building zoned C-2 with part of it being zoned P (Parking). To the south of the site is PL (Public Land) Hines Park, and to the west is another C-2 zoned property. The property measures one 1.33 acres in size, with about 109 feet of frontage on Plymouth Road and a depth of about 527 feet. The new patio would extend from the rear of the building towards Hines Park and have a total proposed area of 2,311 square feet. The patio flooring would be constructed of composite decking such as Trex. The proposed patio on the site plan is split into two sections identified as an outdoor patio and game area. The outdoor patio area is located on the western half of the patio and has seating for 56 people. The game area measures 1,130 square feet with seating for an additional 12. The main restaurant is accessible by two existing doors, one in the patio area and one in the gaming area. Emergency egress from the patio is available via a door along the western wall and a gate on the eastern fence. The outdoor patio is covered by a standing seam metal roof, and the southern and western walls would be made of composite siding material. The eastern side of the patio is open and separated from the game area by a 42-inch fence with support beams. The outdoor patio is approximately 12 inches above the game area, but is accessible via stairs and a ramp. The south and east edges of the game area are surrounded by 60-inch privacy fences. Mr. Miguel's currently has seating for 140 customers, with an average number of employees per shift of 10. This results in a parking requirement of 103 parking spaces. The site plan shows that there are approximately 109 parking spaces provided. The site plan also shows the existing dumpster would be moved from the east lot line to approximately 55 feet southwest of the patio of the patio addition along the western property line. The new dumpster location will include two dumpsters that are enclosed by six-foot split faced CMU fence with a concrete cap and two sets of steel screening gates. With that, Mr. Chairman, I can read out the departmental correspondence.

Mr. Wilshaw: Yes, please.

Mr. Uhazie: The first item is from the Engineering Division, dated October 28, 2024, which reads as follows: *"In accordance with your request, the Engineering Division has reviewed the above referenced petition. We have no objections to the proposed project at this time, but would like to note the following items: 1. The subject parcel is assigned the address of #39305 Plymouth*

Road. Should additional addresses be needed, the Owner will need to contact this Department once permitting has been completed. 2. The existing parcel is currently serviced by public sanitary sewer and water main, and storm sewer. The submitted drawings do not indicate any proposed utility alterations, so we do not believe there will be any impacts to the existing systems with the proposed project. 3. Any disturbances with the Plymouth Road right-of-way will require permits through the Michigan Department of Transportation.” The letter is signed by David W. Lear, P.E., Assistant City Engineer. The next letter is from the Livonia Fire & Rescue Division, dated October 30, 2024, which reads as follows: *“This office has reviewed the site plan submitted in connection with a request to construct an outdoor patio on the property located at the above referenced address. We have no objections to this proposal. A further detailed plan review will take place when this division receives an official plan set.”* The letter is signed by Brian Kukla, Fire Marshal. The next letter is from the Division of Police, dated October 28, 2024, which reads as follows: *“I have reviewed the plans in connection with the petition. I have no objections to the proposal.”* The letter is signed by Paul Walters, Sergeant, Traffic Bureau. The next letter is from the Inspection Department, dated November 5, 2024, which reads as follows: *“Pursuant to your request, the above-referenced petition has been reviewed. This Department has no further objections to this petition.”* The letter is signed by Jerome Hanna, Director of Inspection. That is the extent of the correspondence.

Mr. Wilshaw: Very good. Thank you, Mr. Uhazie. Is there any questions for our planning staff?

Mr. Droze: Quick question. Yeah, Jacob, is there any information about how storm water is managed on this site? There's a lot of gravel and broken up pavement in the back of the site, and I know you know that directly could go towards the river and Hines park, I'm just kind of curious about that part.

Mr. Uhazie: I do not have any have any information on that. The petitioner may have more insight.

Mr. Droze: Thank you.

Mr. Wilshaw: Good question. Thank you, Mr. Droze. Any other questions for planning staff? If not, we'll get the petitioner up here to fill us in. The petitioner can come forward to our podium. Good evening, sir.

UNAPPROVED MINUTES

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Steve Dumont, Designstruct, 23617 John R Road, Hazel Park, MI. I have with me, Steve Savage, one of the restaurant owners. Jacob did a great job explaining the extent of the project. We plan on, like you said, a standing seam metal roof and the question for the parking, we planning cleaning all that up, reasphalting that back. We've got a pretty big site there, 500 foot deep, so to provide all the required parking. And if there's any other questions?

Mr. Wilshaw: All right let's see what the questions are available. Any questions for our petitioner, Mr. Joe, is there anything you wanted to follow up with in particular to your question?

Mr. Droze: Yes, thank you. So as I look at the plan, it looks like the proposed parking as shown, doesn't go all the way back and kind of getting back to that area of gravel and kind of broken up pavement, is it your intent to basically convert that remaining area that's gravel into vegetation?

Mr. Dumont: Yeah, we're only going back to satisfy the parking requirement, but that area is where it's all broken up. Beyond that is natural landscaping. We're just going to leave it.

Mr. Droze: Okay, especially if it's just running off.

Mr. Dumont: Leave it as natural as possible.

Mr. Droze: Okay.

Mr. Wilshaw: Very good. Any other questions for our petitioner?

Mr. Caramagno: The Western driveway. If you look at your drawing, the Western driveway shows it appears like the driveway drives right through a parking spot or two in the back of the building.

Mr. Wilshaw: Are you talking on the west end there?

Mr. Caramagno: Yeah, the west side. And then, of course, it goes straight into the dumpsters as well. Is there room there? I don't see a measurement on here. Is there room to get through there?

Mr. Dumont: Yeah, it's a pretty big area, considering one of these parking spots is 20 feet, I think. The note from Planning was it's 54-foot from the back of the patio area. So, it's got to be almost 40 feet from the parking spot to the dumpsters.

Mr. Caramagno: North to south, right?

Mr. Dumont: Yeah.

Mr. Caramagno: How about from that parking spot furthest west to the property line, the driveway? is there enough room to drive a vehicle through there?

Mr. Savage: I can speak to...just looking, if I'm comparing that distance where you're speaking of down to these existing spots we currently have, and it's, I guess it's a little bit smaller, but there's plenty of... there's plenty of space to drive through at the front of the building. So, I'm guessing there's plenty over there too, just based just comparing the distance on this blueprint.

Mr. Dumont: Yeah, the seven along the property West property line, and the four across the front, not including the handicapped, those are all existing spots that they're currently using.

Mr. Caramagno: I'm talking about behind the building. There are 4,5,6,7 spots behind the building. I think that seventh spot to the west is probably too tight.

Mr. Savage: Maybe we get rid of that.

Mr. Dumont: We could clip that one off.

Mr. Caramagno: I think it makes good sense to get it out of there. It gives good access to the dumpsters, and it also makes it easier so no car gets hit.

Mr. Dumont: I know those guys that pick up dumpsters and they're not gentle. yeah, for sure, we can do that.

Mr. Savage: That's a good recommendation.

Mr. Dumont: They've torn apart so many dumpster enclosures.

Mr. Caramagno: Yeah, I know. I know. Thank you.

Mr. Wilshaw: they're never gentle as commissioners either. All right? Mr. Ventura is next.

Mr. Ventura: Can you tell us what kind of games happen in the game area there?,

UNAPPROVED MINUTES

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- Mr. Dumont: I think what their proposal right now is just like cornhole. Just give people something to do outside.
- Mr. Ventura: Is that area heated at all?
- Mr. Dumont: No. There's no roof over that area at all. Just the 56 seated part has a roof over it, not the entire area
- Mr. Savage: The covered area does not, it's just...it's not four seasons.
- Mr. Ventura: No heat, right?
- Mr. Dumont: No.
- Mr. Savage: We have a very similar setup in our Brownstown location, and we're mimicking that with this proposal.
- Mr. Ventura: Can you tell us about the materials and colors that this is going to be constructed?
- Mr. Dumont: it's going to be composite siding, like a hardy panel type exterior siding, seamed metal roof.
- Mr. Savage: The colors would just match the building, which is essentially black and white.
- Mr. Ventura: Black and white?
- Mr. Savage: Yeah, a dark color in a way, yeah. So it would just flow with the building.
- Mr. Ventura: Okay, thank you.
- Mr. Wilshaw: Thank you. Mr. Ventura, any other questions for our petitioner? Okay, anyone in the audience wish to speak for or against this item? No one coming forward. Anything else that you'd like to tell us before we make our decision,
- Mr. Dumont: We're looking forward to an approval.
- Mr. Wilshaw: Very good. Thank you. All right, let's close the public hearing and a motion would be in order.

On a motion by Long, seconded by Bongero, and unanimously adopted, it was

#10-59-2024

RESOLVED, That pursuant to a Public Hearing having been held by the City Planning Commission on November 12, 2024, on Petition 2024-10-02-18 submitted by Mr. Miguel's, requesting waiver use approval pursuant to Section 6.51 of the City of Livonia Zoning Ordinance, as amended, to construct an outdoor dining patio at 39305 Plymouth Road, located on the south side of Plymouth Road east of Newburgh Road in the Southwest ¼ of Section 30, the Planning Commission does hereby recommend to the City Council that Petition 202-10-02-18 be approved subject to the following conditions:

1. That the Site Plan identified as Sheet AS-1 dated August 30, 2024, as revised, is hereby approved and shall be adhered to.
2. That the Proposed Patio Plan identified as Sheet No. DD-1 dated August 30, 2024, is hereby approved and shall be adhered to.
3. That the maximum number of outdoor patio patron seats shall not exceed a total of twenty (68).
4. That any outdoor speakers or sound equipment, including televisions, are to be approved at the discretion of the Planning Department.
5. That all light fixtures shall be aimed and shielded to minimize stray light trespassing across property lines and glaring into adjacent roadways.
6. That any form of outdoor advertising or signage shall be prohibited on any of the patio structures, including the fencing, seating, and tables, without the prior written approval by the City of Livonia Inspection Department.
7. That unless approved by the proper local authority, any type of exterior advertising, such as promotional flags, streamers or sponsor vehicles designed to attract the attention of passing motorists, shall be prohibited.
8. That no LED light band or exposed neon shall be permitted on this site including, but not limited to, the building or around the windows.

9. That the specific plans referenced in this approving resolution shall be submitted to the Inspection Department at the time the building permits are applied for; and

10. Pursuant to Section 13.13 of the Livonia Zoning Ordinance, as amended, this approval is valid for a period of one year only from the date of approval.

FURTHER RESOLVED, That notice of the above hearing was given in accordance with the provisions of Section 13.13 of Livonia Zoning Ordinance, as amended.

Mr. Wilshaw: Is there any discussion?

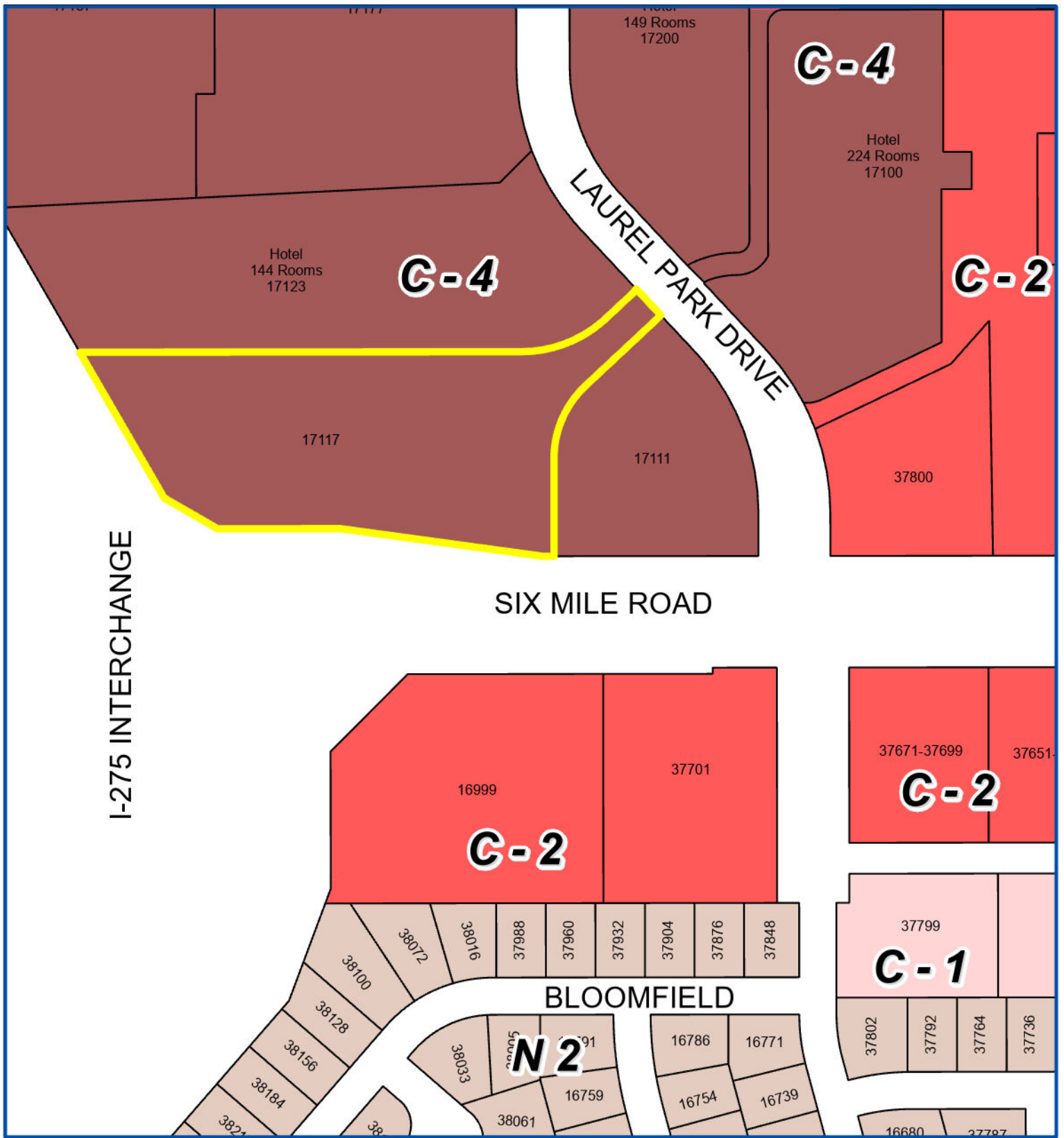
Mr. Dumont: You mentioned no TVs or music outside. This is a commercial area. There's no residential adjacent properties. I'm sure Steve would like to have a couple TVs out there for big games and so forth, and as far as music, I don't know. I mean even music, even more important. Inside the restaurant, there's always music.

Mr. Savage: It wouldn't be loud ever in our hours of operation. We're a family restaurant, so it's...the latest we close on Friday and Saturday is 10 o'clock, but we definitely...music's a very important piece of the dining experience.

Mr. Dumont: Especially for a Mexican restaurant, I mean, it's festive, and if we could have those allowed, and then maybe some parameters as far as decibels or hours or something like that, we'd be...like to have that.

Mr. Wilshaw: All right, I understand your request. I'm going to go back to the maker of the motion and see what he would like to do. I know there have been, as I recall, we have had some petitions where we've restricted outdoor to certain hours or decibels,

Mr. Wilshaw, Chairman, declared the motion is carried and the foregoing resolution adopted. It will go on to the City Council with an approving resolution.



Address & Zoning Map

Petition 2024-10-02-19
Cooper Hawk Winery
17117 Laurel Park Drive



Not to Scale



City of Livonia
Planning Department



Aerial Map

Petition 2024-10-02-19
Cooper Hawk Winery
17117 Laurel Park Drive



Not to Scale



City of Livonia
Planning Department

PLANNING COMMISSION STAFF NOTES

PREHEARING

ITEM 4

Petition 2024-10-02-19 submitted by Cooper's Hawk Winery, requesting waiver use approval under Sections 6.03 and 3.13 of the Livonia Zoning Ordinance, as amended, to operate with an on-premises Class C liquor license (sale of beer, wine and spirits for consumption on the premises), operate an off-premises SDM liquor license (sale of packaged beer and wine) and a full service restaurant with outdoor dining at 17117 North Laurel Park Drive, located on the west side of Laurel Park between I-275 and Newburgh Road in the Southeast ¼ of Section 7.

October 29, 2024, Study Meeting:

August of 2024 the site was approved to demolish a portion of the existing Holiday Inn and construct three (3) new buildings including a five-story hotel (Home 2 Suites by Hilton), and two (2) freestanding full-service restaurants including a Cooper's Hawk and Capital Grille (CR# 279-24). The petition site is zoned C-4 (High Rise Commercial), which treats hotels and full-service restaurants as permitted uses.

This petition seeks waiver use approval to operate the proposed Cooper Hawk restaurant with an on-premises Class C liquor license (sale of beer, wine and spirits for consumption on the premises) and an off-premises SDM liquor license (sale of packaged beer and wine).

The irregular-shaped site comprises 10.27 acres with frontage along the I-275 expressway and Laurel Park Drive. The south boundary of the site borders the on-ramp to northbound I-275. This part of the expressway prevents access to the site from Six Mile Road. Instead, the site is accessible via two (2) driveways off Laurel Park Drive. To the north is the Laurel Office Park, zoned C-4. The parcel to the east is part of the Laurel Park Mall, which is zoned C-2. South, across Six Mile Road, are additional commercial businesses zoned C-2. To the west is the expressway on-ramp.

Cooper's Hawk Winery & Restaurant is shown in the southeast portion of the parcel, with parking surrounding the building. The restaurant is listed as 11,040 square feet with indoor seating for 260 and outdoor seating for forty (40). Cooper's Hawk would have fifty (50) employees.

A Class C liquor license is permitted with waiver use approval in a C-4 District pursuant to Section 6.22 of the Zoning Ordinance. One requirement of Section 6.22 prohibits establishments having liquor licenses such as Class C, tavern, club, and small distiller from operating within 1,000 feet of each other, as measured between buildings. A number of existing Class C liquor licenses are within 1,000 feet of Cooper Hawk including Red Robin (459'), Buffalo Wild Wings (902'), Bar Louie (800') and Archie's Tavern (877'). As such, the 1,000-foot separation provision must be waived by the City Council.

SDM liquor licenses are permitted with waiver use approval pursuant to Section 6.03 of the Zoning Ordinance. The special requirements that apply to SDM liquor licenses

PUBLIC HEARING

ITEM 4 Petition 2024-10-02-19 – Cooper's Hawk Winery

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specifies that no SDM licensed establishments shall be located within 500 feet of any existing SDM licensed establishment as measured from building to building. There are no SDM licensed establishments within 500 feet of the site.

Both Sections 6.03 and 6.22 specify that a proposed licensed establishment cannot be located within 400 feet from any church or school building. There are no churches or schools within 400 feet of the shopping center.

The floor plan shows the general layout of the restaurant, including the main dining areas, a separate bar that includes dining, a tasting bar, a network room, a kitchen, and restrooms. The outdoor dining patio is adjacent to the bar on the east side of the restaurant. The patio would have an overhead canopy and be enclosed with planters on railings.

Elevation plans for the Cooper's Hawk restaurant show a roof height of 24'-4". The main entrance faces south with a covered canopy measuring 11'-10". Wall signs are shown on the south, east, and west elevations. Parapets are listed at varying heights of 19 to 24 feet. Building materials include a mix of horizontal fiber cement board siding (Nichiha, vintage wood, cedar), composite vertical siding and trim board (James Hardie, panel and batten boards, iron gray), metal siding (black), and E.I.F.S. (cream and gray).

For full-service restaurants, the requirement is one (1) space per two (2) interior seats, one (1) space per three (3) outdoor seats, and one (1) space per employee. As such, Cooper's Hawk requires 194 spaces (130+14+50). Combining the hotels and restaurants results in a total parking requirement of 614 spaces. The plan, as presented, shows 150 spaces in the Cooper Hawk portion of the site plan. Under Section 9.03(6) of the Zoning Ordinance, the City Council may modify the numerical requirements for off-street parking based on evidence that another standard would be more reasonable based on the level of current or future employment and/or current or future customer traffic. In determining whether to permit fewer parking spaces, the City Council shall consult the most recent edition of Parking Generation, published by the Institute of Traffic Engineers (ITE), or another acceptable standard. The petitioner submitted a supplemental study that utilizes parking methodologies from two (2) trustworthy organizations: the Institute of Traffic Engineers (ITE) and the Urban Land Institute (ULI). Applying the ITE standards, the parking demand is calculated to be 457 spaces. Using the ULI Shared Parking standards, the totals are 415 on weekdays and 453 on weekends. With 544 available spaces, relying on these two (2) standards would suggest that the site will be sufficiently parked. Seventy-two (72) spaces dedicated to employees and valet parking have a reduced width of nine feet (9'). These spaces are generally located furthest away from the main building entrances. All other spaces measure ten feet (10') wide.

The Cooper's Hawk dumpster is proposed to be enclosed at the rear of the building.

Underground stormwater detention for the restaurants is located under the parking lot east of Cooper's Hawk.

PUBLIC HEARING

ITEM 4 Petition 2024-10-02-19 – Cooper’s Hawk Winery

Page 3

According to the provisions set forth in Article XI of the sign regulations, this building would be allotted sign area shall not to exceed one-and-one half (1½) square feet of area for each one (1) lineal foot of frontage, provided no single sign shall exceed one (1) square feet of area for every one (1) lineal foot of frontage of the building or portion thereof. The development would also be allowed one (1) ground sign, not to exceed thirty (30) square feet in area and six feet (6') in height and must be setback at least ten feet (10') from any right-of-way lines. The submitted Elevations Plan show a number of wall signs on the building. One (1) monument sign is proposed along Six Mile Road for Cooper’s Hawk. Any signage in excess of what is permitted by the sign ordinance would require a variance from the Zoning Board of Appeals.

November 11, 2024, Public Hearing:

Approving Resolution: That the request to utilize an SDM liquor license and Class C liquor license in connection with the operations of a full-service restaurant at 17117 North Laurel Park Drive is hereby approved, subject to City Council approval and the following condition:

1. That this approval is subject to City Council waiving the 1,000-foot separation requirement between Class C-licensed establishments.
2. That the maximum customer seating count shall not exceed a total of 260 interior seats and forty (40) exterior seats.
3. That only conforming signage is approved with this petition, and any additional signage shall be separately submitted for review and approval by the Zoning Board of Appeals.
4. That no LED lightband or exposed neon shall be permitted on this site including, but not limited to, the building or around the windows.
5. That unless approved by the proper local authority, any type of exterior advertising, such as promotional flags, streamers or sponsor vehicles designed to attract the attention of passing motorists, shall be prohibited; and
6. Pursuant to Section 13.13 of the Livonia Zoning Ordinance, as amended, this approval is valid for a period of one year only from the date of approval by the City Council, and unless a building permit is obtained, this approval shall be null and void at the expiration of said period.

Denying Resolution: That the request to utilize an SDM liquor license and Class C liquor license in connection with the operations of a full-service restaurant at 17117 North Laurel Park Drive is hereby denied for the following reasons:

PUBLIC HEARING

ITEM 4 Petition 2024-10-02-19 – Cooper's Hawk Winery

Page 4

1. That the petitioner has failed to affirmatively show that the proposed use complies with all the general waiver use standards and requirements as set forth in Section 6.51 of the Zoning Ordinance, as amended.
2. That this part of the City is currently well-served with SDM licensed establishments selling packaged alcoholic beverages.
3. That this part of the City is currently well-served with Class C licensed establishments selling on premise alcoholic beverages.
4. That there is no demonstrated need in the area for additional sales of packaged alcoholic beverages such as are permitted by the utilization of an SDM license.
5. That the petitioner has not sufficiently demonstrated that the proposed use would be compatible to and in harmony with the principal use of the subject property as well as other uses in the surrounding area. and
6. That the proposal is contrary to the goals and objectives of the Zoning Ordinance which, among other things, are intended to ensure suitability and appropriateness of uses.

PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	REMARKS
DECIDUOUS TREES							
GBM3	9	GINKGO BILOBA 'MAGYAR'	MAGYAR MAIDENHAIR TREE	3" CAL.	B&B	PER PLAN	
GBP3	8	GINKGO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINKGO	3" CAL.	B&B	PER PLAN	
GT3	11	GLEDITSIA TRIACANTHOS INERMIS 'SKYCOLE'	SKYLINE HONEY LOCUST	3" CAL.	B&B	PER PLAN	
QG3	14	QUERCUS ROBUR X ALBA 'JFS-KW20X'	SKINNY GENESIS OAK	3" CAL.	B&B	PER PLAN	
QP3	6	QUERCUS ROBUR X BICOLOR 'LONG'	REGAL PRINCE OAK	3" CAL.	B&B	PER PLAN	
TA3	3	TILIA AMERICANA 'AMERICAN SENTRY'	AMERICAN SENTRY LINDEN	3" CAL.	B&B	PER PLAN	
TG3	3	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LITTLELEAF LINDEN	3" CAL.	B&B	PER PLAN	
UF3	1	ULMUS X 'FRONTIER'	FRONTIER ELM	3" CAL.	B&B	PER PLAN	
ZS3	6	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE JAPANESE ZELKOVA	3" CAL.	B&B	PER PLAN	
	61	SUBTOTAL:					

ORNAMENTAL TREES

ACA8	4	AMELANCHIER CANADENSIS	SHADBLow SERVICEBERRY	8" HT.	B&B	PER PLAN	MULTI-TRUNK
AL2	5	AMELANCHIER LAEVIS	ALLEGHENY SERVICEBERRY	2" CAL.	B&B	PER PLAN	
CCF2	6	CERCIS CANADENSIS 'FOREST PANSY'	FOREST PANSY EASTERN REDBUD	2" CAL.	B&B	PER PLAN	
MJ2	3	MAGNOLIA X 'JANE'	JANE MAGNOLIA	2" CAL.	B&B	PER PLAN	
MA2	7	MALUS X 'ADIRONDACK'	ADIRONDACK CRABAPPLE	2" CAL.	B&B	PER PLAN	
MM2	5	MALUS X 'JARMIN'	MARILEE'S CRABAPPLE	2" CAL.	B&B	PER PLAN	
MRR2	4	MALUS X 'ROYAL RAINDROPS'	ROYAL RAINDROPS CRABAPPLE	2" CAL.	B&B	PER PLAN	
MSA2	14	MALUS X 'SARGENTII'	SARGENT CRABAPPLE	2" CAL.	B&B	PER PLAN	
SR2	3	SYRINGA RETICULATA 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	2" CAL.	B&B	PER PLAN	
	51	SUBTOTAL:					

SHRUBS

PF36	54	POTENTILLA FRUTICOSA 'ABBOTTSWOOD'	ABBOTTSWOOD BUSH CINQUEFOIL	36" HT.	CONT.	36" O.C.	
RG24	8	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	24" SPRD	CONT.	4" O.C.	
SNF36	43	SPRAEA JAPONICA 'NEON FLASH'	NEON FLASH JAPANESE SPIREA	36" HT.	CONT.	36" O.C.	
SP36	33	SYRINGA PATULA 'MISS KIM'	MISS KIM KOREAN LILAC	36" HT.	CONT.	5" O.C.	
TM30	112	TAXUS X MEDIA 'DENSIFORMIS'	DENSE ANGLO-JAPANESE YEW	30" HT.	CONT.	42" O.C.	
	230	SUBTOTAL:					

LANDSCAPE CALCULATIONS:

PER CITY OF LIVONIA ZONING ORDINANCE
C-4 GENERAL BUSINESS DISTRICT

FRONTAGE LANDSCAPING = F

REQUIRED: PER 40 LF ALONG PUBLIC ROW.
(ROAD LESS DRIVES AND SIDEWALK OPENINGS)
1 DEC. OR EVG TREE, 1 ORNAMENTAL, 8 SHRUBS

SIX MILE ROAD:

DEC./EVG. = $546/40 = 14$, 3" DEC./8" HT. EVG. TREE
ORN. TREE = $546/40 = 14$, 2" ORN. TREE
SHRUBS = $546/40 \times 8 = 109$, 3" HT. DEC./30" HT. EVG.
N LAUREL PARK DRIVE: $340 - 30 - 38 = 272'$
DEC./EVG. = $272/40 = 7$, 3" DEC./8" HT. EVG. TREE
ORN. TREE = $272/40 = 7$, 2" ORN. TREE
SHRUBS = $272/40 \times 8 = 54$, 3" HT. DEC./30" HT. EVG.
NORTHBOUND RAMP 1-275:
DEC./EVG. = $640/40 = 16$, 3" DEC./8" HT. EVG. TREE
ORN. TREE = $640/40 = 16$, 2" ORN. TREE
SHRUBS = $640/40 \times 8 = 128$, 3" HT. DEC./30" HT. EVG.

PROVIDED:

SIX MILE ROAD:
DEC./EVG. = 14, 3" DEC./8" HT. EVG. TREE
ORN. TREE = 14, 2" ORN. TREE
SHRUBS = 109, 3" HT. DEC./30" HT. EVG.
N LAUREL PARK DRIVE:
DEC./EVG. = 7 EXISTING OR PREVIOUSLY INSTALLED TREES
ORN. TREE = 7, 2" ORN. TREE
SHRUBS = 32, 3" HT. DEC./30" HT. EVG. AND OVER 22 EXISTING SHRUBS
NORTHBOUND RAMP 1-275:
NO TREES OR SHRUBS PROVIDED DUE TO EXISTING SANITARY AND DRAINAGE EASEMENT AND OVERHEAD UTILITIES

PARKING LOT SCREENING

REQUIRED:
5' WIDE YARD WITH EVERGREEN OR DECIDUOUS HEDGE,
3' HT. HEDGE OR 3' BERM OR 3' WALL.

PROVIDED: 3' HT. FRONTAGE SHRUBS ALONG SIX MILE RD & N LAUREL PARK DR

INTERIOR PARKING LOT LANDSCAPING = P

LANDSCAPE MUST BE 5% OF PAVED AREA AND 1 TREE/ISLAND;
193,409 SF (NEW PAVED AREA) X 5% = 9,671 SF REQ.
1 TREE/300 SQ FT INTERIOR LANDSCAPE
11,705 SF INTERIOR LANDSCAPE/300 = 32 TREES

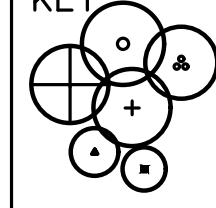
PROVIDED: 22 PROPOSED TREES, 20 PREVIOUSLY INSTALLED TREES
AND 21,032 SF MIN. 5% LANDSCAPE AREA
1 TREE/ISLAND EXCEPT WHERE UTILITY CONFLICTS

GREENBELT BUFFERING = G

REQUIRED: C-4 ADJACENT TO C-4; 10' BUFFER, 1 TREE/30 LF;

NORTH P/L: $885/30 = 30$ TREES
SOUTHEAST P/L: $456/30 = 15$ TREES

PROVIDED: NORTH P/L = 24 TREES AND 6 EXISTING/PREVIOUSLY INSTALLED TREES
PROVIDED: SOUTHEAST P/L = 3 TREES AND EXISTING VEGETATION TO REMAIN

KEY

PROPOSED DECIDUOUS TREE
PROPOSED FRONTAGE SHRUBS
LANDSCAPE WITHIN WILL BE PROVIDED FOR ADMINISTRATIVE REVIEW

LETTER KEY
F = FRONTAGE TREE
P = INTERIOR PARKING LOT TREE
G = GREENBELT TREE

IRRIGATED SEED LAWN

EXISTING PREVIOUSLY INSTALLED TREE TO REMAIN
EXISTING TREE TO REMAIN WITH TREE PROTECTION FENCE

4' PLANTING BOUNDARY

SEE SHEET L-1.1 FOR LANDSCAPE DETAILS

NOTE: TREES TO NOT CONFLICT WITH FINAL LOCATION OF LIGHT POLES, REGULATORY SIGNS AND BUILDING SIGNAGE, SHIFT TREES AS NECESSARY.

NOTES PER CITY OF LIVONIA ORDINANCE:

MINIMUM PLANTING SIZES PER CITY ARE:
3" CAL. DEC. TREE, 8" HT. EVG., 2" CAL. ORNAMENTAL
36" HT. DEC. SHRUB AND 30" HT. EVG. SHRUB

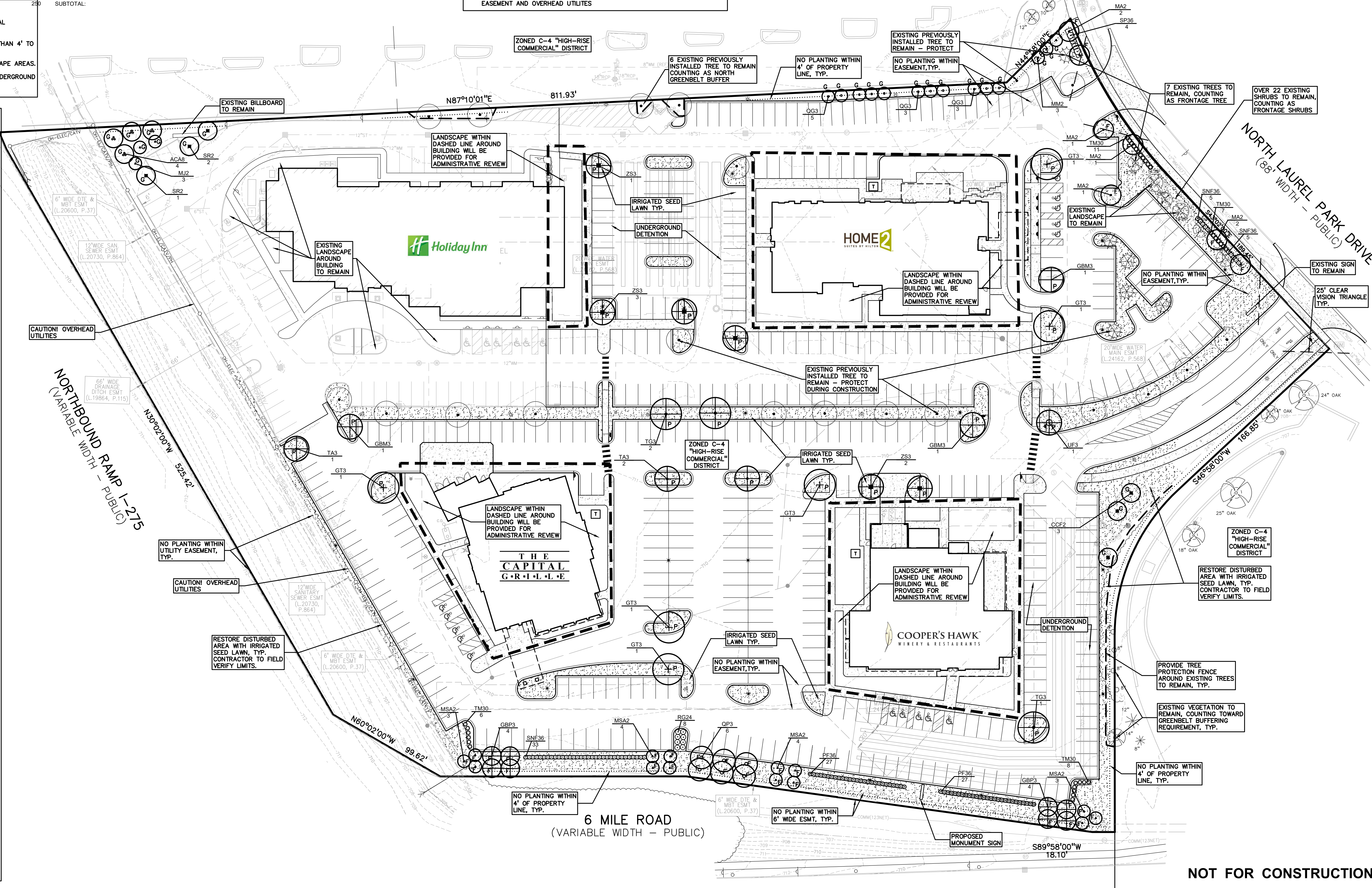
TREES AND SHRUBS MAY NOT BE PLANTED CLOSER THAN 4' TO FENCE OR PROPERTY LINE.

NO ROCK, STONE OR PEBBLES PERMITTED IN LANDSCAPE AREAS.

ALL LAWN AND LANDSCAPED AREAS TO HAVE AN UNDERGROUND IRRIGATION SYSTEM.
IRRIGATION SYSTEM TO BE DESIGNED BY OTHERS.

GENERAL PLANTING NOTES:

- LANDSCAPE CONTRACTOR SHALL VISIT SITE, INSPECT EXISTING SITE CONDITIONS AND REVIEW PROPOSED PLANTING AND RELATED WORK. IN CASE OF DISCREPANCY BETWEEN PLAN AND PLANT LIST, PLAN SHALL GOVERN QUANTITIES. CONTACT LANDSCAPE ARCHITECT WITH ANY CONCERNS.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL ON-SITE UTILITIES PRIOR TO BEGINNING CONSTRUCTION ON HIS/HER PHASE OF WORK. ELECTRIC, GAS, TELEPHONE, CABLE TELEVISION MAY BE LOCATED BY CALLING MISS DIG 1-800-482-7171. ANY DAMAGE OR INTERRUPTION OF SERVICES SHALL BE THE RESPONSIBILITY OF CONTRACTOR. CONTRACTOR SHALL COORDINATE ALL RELATED ACTIVITIES WITH OTHER TRADES ON THE JOB AND SHALL REPORT ANY UNACCEPTABLE JOB CONDITIONS TO OWNER'S REPRESENTATIVE PRIOR TO COMMENCING.
- ALL PLANT MATERIAL TO BE PREMIUM GRADE NURSERY STOCK AND SHALL SATISFY AMERICAN ASSOCIATION OF NURSERMEN STANDARD FOR NURSERY STOCK. ALL LANDSCAPE MATERIAL SHALL BE NORTHERN GROWN, NO. 1. GRADE.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON LANDSCAPE PLAN PRIOR TO PRICING THE WORK.
- THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL NOT MEETING SPECIFICATIONS.
- ALL SINGLE STEM SHADE TREES TO HAVE STRAIGHT TRUNKS AND SYMMETRICAL CROWNS.
- ALL SINGLE TRUNK SHADE TREES TO HAVE A CENTRAL LEADER; TREES WITH FORKED OR IRREGULAR TRUNKS WILL NOT BE ACCEPTED.
- ALL MULTI-STEM TREES SHALL BE HEAVILY BRANCHED AND HAVE SYMMETRICAL CROWNS. ONE-SIDED TREES OR THOSE WITH THIN OR OPEN CROWNS SHALL NOT BE ACCEPTED.
- ALL EVERGREEN TREES SHALL BE HEAVILY BRANCHED AND FULL TO THE GROUND, SYMMETRICAL IN SHAPE AND NOT SHEARED FOR THE LAST FIVE GROWING SEASONS.
- ALL TREES TO HAVE CLAY OR CLAY LOAM BALLS, TREES WITH SAND BALLS WILL BE REJECTED.
- NO MACHINERY IS TO BE USED WITHIN THE DRIP LINE OF EXISTING TREES; HAND GRADE ALL LAWN AREAS WITHIN THE DRIP LINE OF EXISTING TREES.
- ALL TREE LOCATIONS SHALL BE STAKED BY LANDSCAPE CONTRACTOR AND ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF THE PLANT MATERIAL.
- IT IS MANDATORY THAT POSITIVE DRAINAGE IS PROVIDED AWAY FROM ALL BUILDINGS.
- ALL PLANTING BEDS SHALL RECEIVE 3" SHREDDED HARDWOOD BARK MULCH WITH PRE-EMERGENT, SEE SPECIFICATIONS. SHREDDED PALETTE AND DYED MULCH WILL NOT BE ACCEPTED.
- ALL LANDSCAPED AREAS SHALL RECEIVE 3" COMPACTED TOPSOIL.
- SEE SPECIFICATIONS FOR ADDITIONAL COMMENTS, REQUIREMENTS, PLANTING PROCEDURES AND WARRANTY STANDARDS.
- FOR NON-LAWN SEED MIX AREAS, AS NOTED ON PLAN, BRUSH MOW ONCE SEASONALLY FOR INVASIVE SPECIES CONTROL.
- CONTRACTOR SHALL NOT INSTALL PLANTS UNDER BUILDING OVERHANG AND SHALL NOTIFY LANDSCAPE ARCHITECT IF DRAWINGS CONFLICT WITH BUILDING OVERHANGS.
- TREES SHALL NOT CONFLICT/BLOCK PROPOSED REGULATORY/DIRECTION SIGNAGE, MONUMENT SIGNS, ADDRESS OR LIGHT POLES. SHIFT TREES AS NECESSARY TYP.



PEA GROUP
t: 844.813.2949
www.peagroup.com



0 20 40 80
SCALE: 1" = 40'



CAUTION!!
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

CLIENT
LAUREL INVESTMENT, LLC
29200 NORTHWESTERN HIGHWAY, S-450
SOUTHFIELD, MI 48034

PROJECT TITLE
LAUREL - 6 MILE DEVELOPMENT
LIVONIA, MI

REVISIONS
SITE PLAN SUBMITTAL 5/24/2024

ORIGINAL ISSUE DATE:
MAY 24, 2024

DRAWING TITLE
LANDSCAPE PLAN

PEA JOB NO. 17-389

P.M. JPB

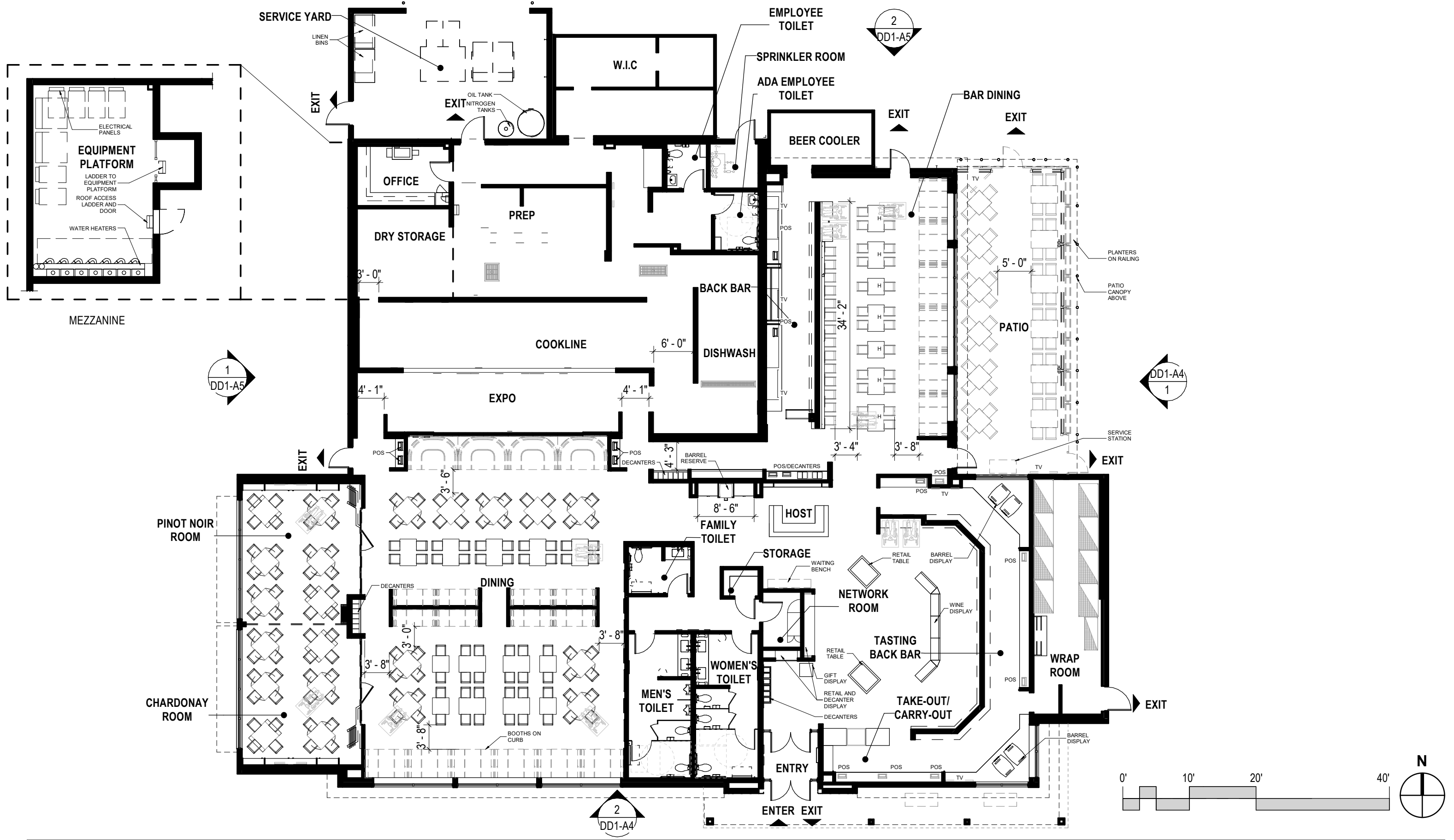
DN. BZ

DES. JLE

DRAWING NUMBER:

L-1.0

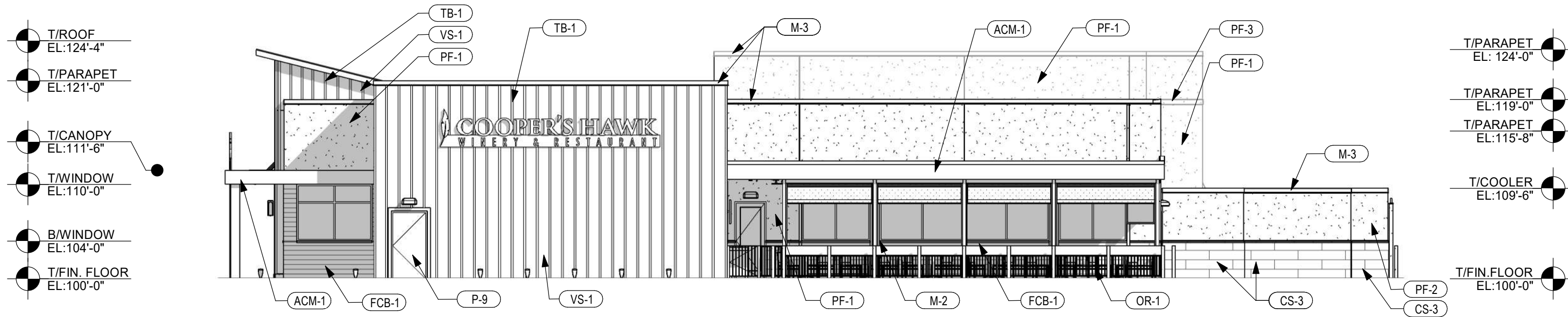
NOT FOR CONSTRUCTION



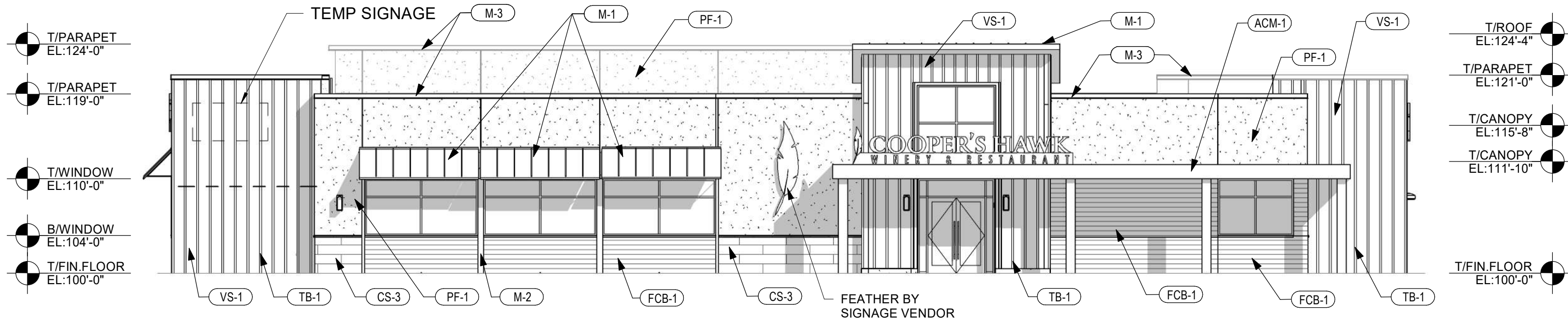
FLOOR PLAN

COOPER'S HAWK - LIVONIA
COOPER'S HAWK LIVONIA, MI





1 EAST ELEVATION
1" = 10'-0"



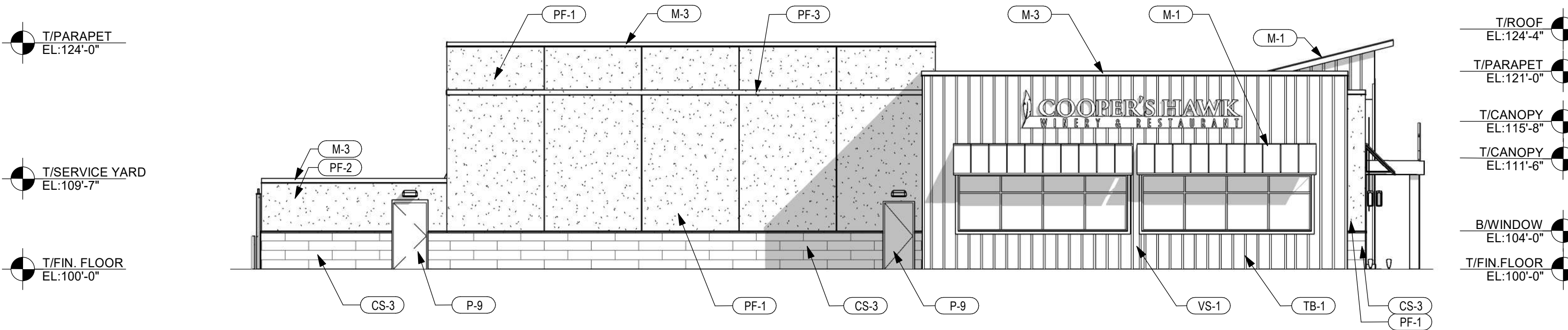
2 SOUTH ELEVATION
1" = 10'-0"

EXTERIOR ELEVATIONS

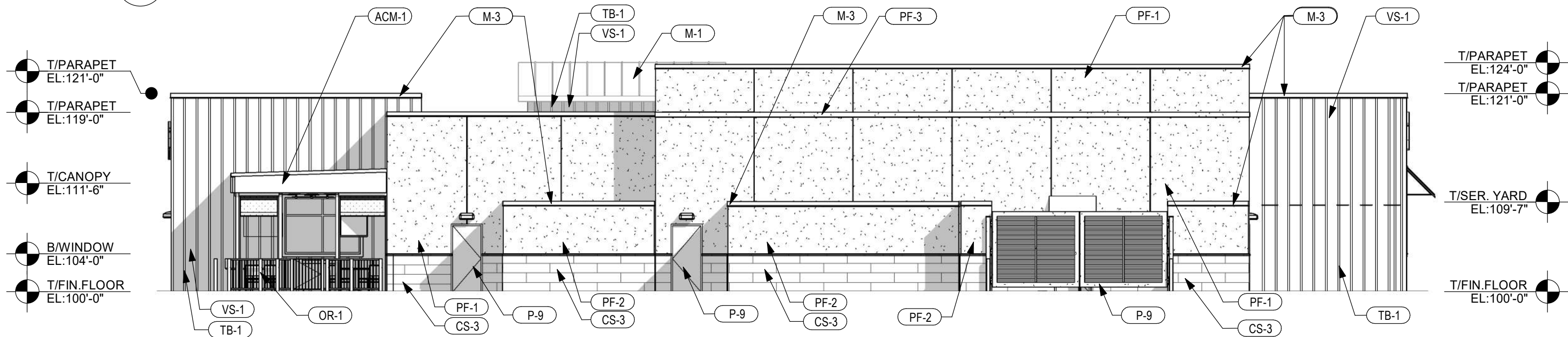
COOPER'S HAWK - LIVONIA
COOPER'S HAWK LIVONIA, MI



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1 WEST ELEVATION
1" = 10'-0"



2 NORTH ELEVATION
1" = 10'-0"

EXTERIOR ELEVATIONS

COOPER'S HAWK - LIVONIA
COOPER'S HAWK LIVONIA, MI



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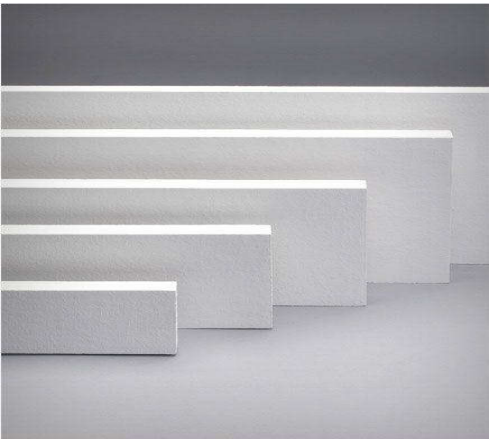
FCB-1 FIBER CEMENT BOARD
MFR: NICHHA
STYLE: VINTAGE WOOD
COLOR: CEDAR
SIZE: 18" X 120"
LOCATION: REFER TO EXTERIOR ELEVATIONS
PRICING: \$7.28/SF



VS-1 VERTICAL SIDING
MFR: JAMES HARDIE
STYLE: PANEL VERTICAL SIDING
COLOR: IRON GRAY
FINISH: SMOOTH
SIZE: 120" X 48" X 0.312" THICK
LOCATION: REFER TO EXTERIOR ELEVATIONS



TB-1 TRIM BOARD
MFR: JAMES HARDIE
STYLE: BATTEN BOARDS
COLOR: IRON GRAY
FINISH: SMOOTH
SIZE: 144" X 2.5" X 0.75" THICK
LOCATION: REFER TO EXTERIOR ELEVATIONS



TB-2 TRIM BOARD
MFR: JAMES HARDIE
STYLE: 4/4
COLOR: UNFINISHED; FIELD PAINTED 'IRON GRAY'
FINISH: SMOOTH
SIZE: 144" X 3" X 0.75" THICK
LOCATION: REFER TO EXTERIOR ELEVATIONS



ACM-1 ALUMINUM COMPOSITE PANELS
MFR: PAC-CLAD
PRODUCT: REYNOBOND
COLOR: BLACK
LOCATION: REFER TO EXTERIOR ELEVATIONS



M -1 METAL STANDING SEAM ROOF PANEL
MFR: PAC-CLAD
STYLE: PAC-150; 180 SEAM
COLOR: BLACK
NOTE: SMOOTH PANELS W/SEAMS 16" OC
LOCATION: REFER TO EXTERIOR ELEVATIONS



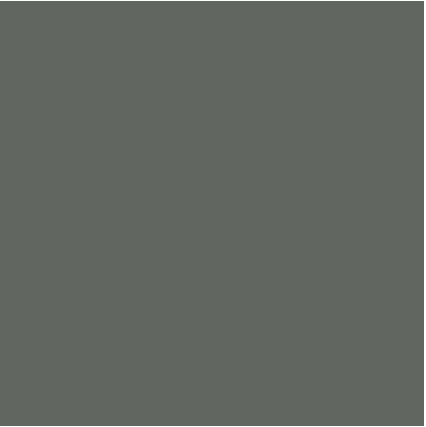
M -2 METAL KAWNEER
MFR: PAC-CLAD
COLOR: BLACK
LOCATION: STOREFRONT, REFER TO EXTERIOR ELEVATIONS



M - 3 METAL PAC-CLAD
MRF: BLACK
COLOR: COPING , REFER TO EXTERIOR ELEVATIONS



PF-1 PLASTER FINISH
MFR: STO
PRODUCT: STO SPECIAL
COLOR: CREAM - 16258 - 81
FINISH: CONCRETE SMOOTH 10
LOCATION: REFER TO EXTERIOR ELEVATIONS
NOTES: SYSTEM TO HAVE ULTRA HIGH IMPACT RESISTANT MESH AT FIRST 5' AFF



PF-2 PLASTER FINISH
MFR: STO
COLOR: GRIZZLE GRAY SW7068
FINISH: CONCRETE SMOOTH 10
LOCATION: REFER TO EXTERIOR ELEVATIONS
NOTES: SYSTEM TO HAVE ULTRA HIGH IMPACT RESISTANT MESH AT FIRST 5' AFF



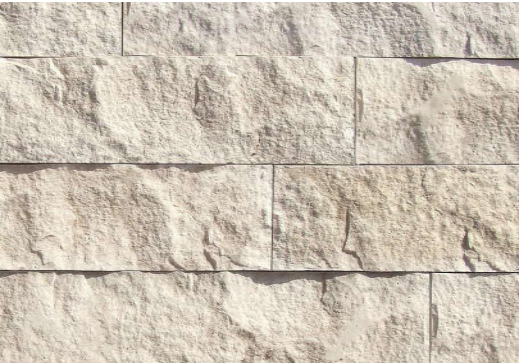
PF-3 PLASTER FINISH
MFR: STO
COLOR: TRICORN BLACK SW6258
FINISH: ESSENCE MEDIUM SAND
LOCATION: REFER TO EXTERIOR ELEVATIONS



P-9 PAINT
MFR: SHERWIN WILLIAMS
COLOR: GRIZZLE GRAY
NUMBER: SW7068
FINISH: SEMI-GLOSS
LOCATION: EXTERIOR DOORS & COOLERS



OR-1 RAILING
MFR: TREX
PRODUCT: TREX TRANSCEND RAILING
LOCATION: PATIO



CS-3 STONE VENEER TILE
MFR: CORONADO
STYLE: SPLIT LIMESTONE
COLOR: CREAM
SIZE: 6" X 10-30"
LOCATION: REFER TO EXTERIOR ELEVATIONS

EXTERIOR MATERIAL BREAKDOWN				
EXTERIOR MATERIAL	EAST ELEVATION	NORTH ELEVATION	WEST ELEVATION	SOUTH ELEVATION
FIBER CEMENT BOARD	177 sq.ft.	0 sq.ft.	0 sq.ft.	369 sq.ft.
PLASTER FINISH ON EPS	682 sq.ft.	1,618 sq.ft.	1,012 sq.ft.	1,051 sq.ft.
VERTICAL SIDING & BATTEN BOARD	784 sq.ft.	791 sq.ft.	741 sq.ft.	807 sq.ft.
ALUMINUM COMPOSITE PANEL	130 sq.ft.	38 sq.ft.	11 sq.ft.	136 sq.ft
STANDING SEAM ROOF	0 sq.ft.	78 sq.ft.	129 sq.ft	126 sq.ft.
COOLER PAINT FINISH	209 sq.ft.	413 sq.ft.	51 sq.ft.	0 sq.ft.
PLASTER FINISH ONLY	180 sq.ft.	109 sq.ft.	151 sq.ft.	0 sq.ft.
METAL COPING	81 sq.ft.	91 sq.ft.	58 sq.ft.	77 sq.ft.
STONE VENEER	30 sq.ft.	310 sq.ft.	197 sq.ft.	78 sq.ft.

EXTERIOR MATERIALS



EXTERIOR PERSPECTIVE

COOPER'S HAWK - LIVONIA
COOPER'S HAWK LIVONIA, MI



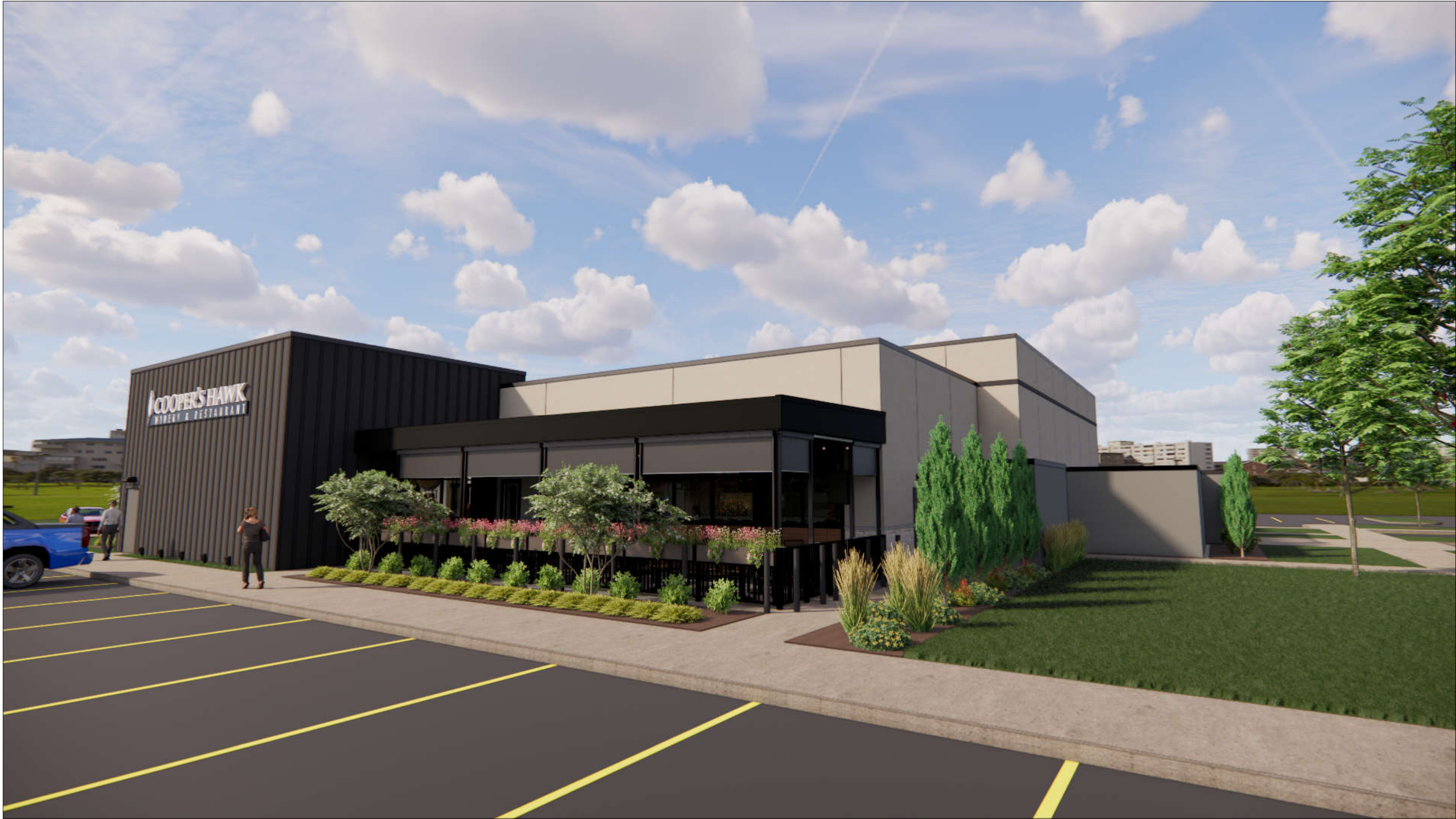


EXTERIOR PERSPECTIVE

COOPER'S HAWK - LIVONIA
COOPER'S HAWK LIVONIA, MI



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EXTERIOR PERSPECTIVE

COOPER'S HAWK - LIVONIA
COOPER'S HAWK LIVONIA, MI



CORRESPONDENCE

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

TODD J. ZILINCIK, P.E.
CITY ENGINEER

DAVID W. LEAR, P.E.
ASST. CITY ENGINEER



MAUREEN MILLER BROSNAN
MAYOR

DONALD R ROHRAFF
DIRECTOR OF PUBLIC WORKS

12973 FARMINGTON ROAD
LIVONIA, MICHIGAN 48150
(734) 466-2571
FAX: (734) 466-2195

October 28, 2024

Mr. Jacob Uhazie
Assistant Planning Director
City of Livonia

Re: Petition 2024-10-02-19 – #17123 North Laurel Park Drive

Dear Mr. Uhazie:

In accordance with your request, the Engineering Division has reviewed the above referenced petition. We have no objections to the proposed waiver use at this time. The subject parcel is assigned the address of **#17117 North Laurel Park Drive, not #17123 as indicated in the petition.**

The Developer has submitted drawings to this department for permits, and the proposed building will be serviced by new storm, sanitary and water main. We do not believe there will be any additional impacts to the public utilities with this proposal.

Should you have any additional questions on this matter, please feel free to contact myself at (734) 466-2608, or the City Engineer, Mr. Todd Zilincik at (734) 466-2561. If you would prefer, you can e-mail either of us at dlear@livonia.gov or tzilincik@livonia.gov.

Sincerely,


David W. Lear, P.E.
Assistant City Engineer

cc: 2024 Petition File

DEPARTMENT OF PUBLIC SAFETY
LIVONIA FIRE & RESCUE

ROBERT JENNISON
FIRE CHIEF



MAUREEN MILLER BROSNAN
MAYOR

14910 FARMINGTON ROAD
LIVONIA, MICHIGAN 48154-5419
734-466-2444
734-466-2082 fax

DATE: October 30, 2024

TO: Scott O. Miller, Planner IV

FROM: Livonia Fire Prevention Division

SUBJECT: Petition #2024-10-02-19 Cooper Hawk Winery 17123 N Laurel Prk Dr.

This office has reviewed the site plan submitted in connection with a request to construct a commercial building on property located at the above referenced address.

We have no objections to this proposal with the following stipulations:

- Plans and Permits for Suppression will be reviewed upon receipt.
- Plans and Permits for a Fire Alarm will be reviewed upon receipt.
- A fire hydrant shall be placed within 100 feet of the structures Fire Department Connection.

A further detailed plan review will take place when this division receives an official plan set.

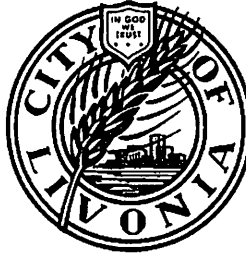
Sincerely,

Brian Kukla

Brian Kukla
Fire Marshal

**DEPARTMENT OF PUBLIC SAFETY
DIVISION OF POLICE**

THOMAS GORALSKI
CHIEF OF POLICE



MAUREEN MILLER BROSNAN
MAYOR

15050 Farmington Road
Livonia, Michigan 48154-5499
(734) 466-2470
FAX: (734) 261-2265

October 28th 2024

Mr. Scott Miller
City of Livonia Planning Dept
33000 Civic Center Drive
Livonia, MI 48154

Re: Petition 2024-10-02-19 – 17123 North Laurel Park Drive

Mr. Miller,

I have reviewed the plans in connection with the petition. I have no objections to the proposals.

Please feel free to contact me, should you have any questions.

Sincerely,

FOR THE CHIEF OF POLICE,

Paul Walters, Sergeant
Traffic Bureau
(734) 466-2107

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF POLICE

THOMAS GORALSKI
CHIEF OF POLICE



MAUREEN MILLER BROSNAN
MAYOR

15050 FARMINGTON ROAD
LIVONIA, MICHIGAN 48154-5499
(734) 466-2470
FAX: (734) 261-2265

November 07, 2024

Jacob Uhazie, Assistant Planning Director
Planning Commission
33000 Civic Center Drive
Livonia, MI 48154

Re: Petition 2024-10-02-19 – 17117 North Laurel Park Drive

Dear Mr. Uhazie,

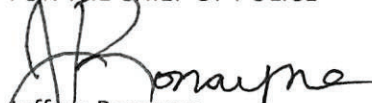
We have reviewed the plans submitted by Cooper's Hawk Winery, requesting waiver use approval under Section 6.03 of the Livonia Zoning Ordinance, as amended, to operate with an on-premises Class C liquor license (sale of beer, wine and spirits for consumption on the premises) and an off-premises SDM liquor license (sale of packaged beer & wine) at 17117 North Laurel Park Drive, located on the west side of Laurel Park between I-275 and Newburgh Road in the Southeast ¼ of Section 7.

The review of the plans has determined that the request does not comply with the prior separation requirement guidelines. There are numerous Class C licensed businesses inside the separation requirement distance from the proposed "Cooper's Hawk Winery" site.

We would recommend that the Planning Commission and City Council maintain separation requirement guidelines. It is our opinion that these guidelines are good for local establishment businesses and maintains Livonia's family atmosphere.

Sincerely,

FOR THE CHIEF OF POLICE


Jeffrey Ronayne
Special Services Bureau

INSPECTION DEPARTMENT

BUILDING
HEATING
PLUMBING
ELECTRICAL
ZONING
ENVIRONMENTAL PROTECTION
ORDINANCE ENFORCEMENT



MAUREEN MILLER BROSNAN
MAYOR

JEROME A. HANNA
DIRECTOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2580
FAX: (734) 466-2095

Date: November 5, 2024

To: Jacob Uhazie

From: Jerome Hanna

RE: Petition 2024-10-02-19 – 17123 North Laurel Park Drive

Pursuant to your request, the above-referenced Petition has been reviewed.

1. Signage has not been reviewed. Signage shall be conforming or a variance from the Zoning Board of Appeals would be required.

This Department has no further objections to this Petition.

I trust this provides the requested information.

Jerome Hanna

Jerome Hanna
Director of Inspection

OFFICE OF THE TREASURER

SUSAN M. NASH
CITY TREASURER



33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3060
(734) 466-2245
FAX: (734) 421-7230

October 30, 2024

RE: 17123 North Loral Park Drive

Attention Planning Commission

As of today, water and taxes are current with the city in regards to this property

If you have any further questions please contact me

Thank you

Susan Nash

**OTHER ITEMS
RELATED TO THE
PETITION**

From: [Taormina, Mark](#)
To: [Kasprowicz, Sara](#); [DeMarco, Doris](#)
Cc: [Miller, Lori](#); [Fisher, Carter](#); [Driskill, Carol](#); [Goldstein, Eric](#)
Subject: Petition 2024-10-08-07: Zax Car Wash - New Data
Date: Thursday, December 12, 2024 8:19:21 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[image009.png](#)
[Zax-Livonia-Site Plan_12-11-2024.pdf](#)

Per the Council's request for changes to the site and landscape plans, revised drawings reflecting the changes outlined in the email below from the project architect, Eric Meyers, are attached. The revised plans will be referenced in the prepared approving resolution as part of the Attorney Notes.

Regards,

Mark Taormina

Mark Taormina

Planning and Economic Development Director
City of Livonia | Planning Department
(734) 466-2292
mtaormina@livonia.gov

From: Eric Meyers <eric@kriegerklatt.com>
Sent: Wednesday, December 11, 2024 6:58 PM
To: Jeff Klatt <jeff@kriegerklatt.com>; Taormina, Mark <mtaormina@livonia.gov>
Cc: Jamie Antoniewicz <jantoniewicz@atwell.com>; Brendan Ammori <bammori@ammoriequity.com>; Rachel Wightman <rachel@kriegerklatt.com>
Subject: RE: Zax Car Wash - Livonia

Hello Mark,

Please see the attached updated Civil set of drawings. On these plans, you will see the following:

- Sheet C03 – Details have been added showing the “Plymouth Road Development Authority Decorative Fencing & Masonry Pier Detail”. You will be able to see them located at the north end of the property on either side of the entrance/exits along Plymouth Road.
- Sheet C03 – The trash enclosure has been moved from the southeast corner of the property to the southwest corner.
- Sheet C04 – Along the east side of the property, (12) twelve arbor vitae's have been added.
- Sheet C04 – Along the south end of the property, arbor vitae's have been added to infill

the gaps around the existing arbor vitae's.

The attached PDF should finalize what will be presented on the 18th for the final SPA. Please let me know if you will need any additional information from us at this time. Thank you very much!

Eric Meyers, Architect
Project Architect

Krieger Klatt Architects, Inc.
400 E. Lincoln Ave. Suite A
Royal Oak, MI 48067
P: 248.414.9270 Ext: 119
www.kriegerklatt.com

***KKA has offered its employees flexible Fridays. My current weekly schedule is Monday – Thursday 8am-6pm and Friday 8am-12pm.
If a Friday afternoon meeting is needed, please let me know and I will make myself available.***

From: Jeff Klatt <jeff@kriegerklatt.com>
Sent: Wednesday, December 11, 2024 8:40 AM
To: Taormina, Mark <mtaormina@livonia.gov>
Cc: Jamie Antoniewicz <jantoniewicz@atwell.com>; Brendan Ammori <bammori@ammoriequity.com>; Eric Meyers <eric@kriegerklatt.com>; Rachel Wightman <rachel@kriegerklatt.com>
Subject: RE: Zax Car Wash - Livonia

Hello Mark,

Thank you for the follow up. I plan to speak with our team today about this and we will get back with you today regarding any updates we propose.

Thank you,

Jeff Klatt, AIA
Principal
Krieger Klatt Architects

586.556.9910
jeff@kriegerklatt.com
www.kriegerklatt.com

400 E. Lincoln, Suite A
Royal Oak. MI 48067

Krieger
Klatt
Architects

36001 PLYMOUTH ROAD
LIVONIA, WAYNE COUNTY, MICHIGAN
PARCEL ID: 46-125-990-010-003
SITE PLANS



OWNER/DEVELOPER
ZAX LIVONIA, LLC
199 PIERCE STREET BIRMINGHAM MI 48009
CONTACT: BRENDAN AMMORI
PHONE - (248) 940-5940

ATWELL, LLC.
12745 23 MILE ROAD
SHELBY TWP., MI 48315
CONTACT: JAMIE ANTONIEWICZ
JANTONIEWICZ@ATWELL-GROUP.COM
PHONE: 586.786.9800

KRIEGER KLATT ARCHITECTS, INC.
2120 E. 11 MILE ROAD
ROYAL OAK, MI 48067
CONTACT: JEFF KLATT
JEFF@KRIEGERKLATT.COM
PHONE: 248-414-9270

EXHIBIT "A" DESCRIPTION PER ALTA COMMITMENT FOR TITLE INSURANCE
ISSUED BY OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY,
COMMITMENT NO.: 2-706550, EFFECTIVE DATE: NOVEMBER 07, 2023:

LOCATED IN THE CITY OF LIVONIA, COUNTY OF WAYNE, STATE OF MICHIGAN,
AND IS DESCRIBED AS FOLLOWS:

PART OF THE NORTHEAST 1/4 OF SECTION 32, TOWN 1 SOUTH, RANGE 9 EAST,
DESCRIBED AS: BEGINNING AT A POINT ON THE SOUTH LINE OF PLYMOUTH
ROAD, DISTANT SOUTH 89 DEGREES 00 MINUTES 00 SECONDS EAST 871.40
FEET AND SOUTH 01 DEGREES 04 MINUTES 00 SECONDS WEST 33.00 FEET
FROM THE NORTH 1/4 CORNER OF SECTION 32 AND PROCEEDING ALONG THE
SOUTH LINE OF PLYMOUTH ROAD, SOUTH 89 DEGREES 00 MINUTES 00
SECONDS EAST 150.00 FEET; THENCE SOUTH 01 DEGREES 04 MINUTES 00
SECONDS WEST 397.22 FEET; THENCE NORTH 88 DEGREES 32 MINUTES 00
SECONDS WEST 150.00 FEET; THENCE NORTH 01 DEGREES 04 MINUTES 00
SECONDS EAST 396.00 FEET TO THE POINT OF BEGINNING.

PER THE PROVIDED SURVEY DOCUMENT:
FLOOD NOTE: BASED ON MAPS PREPARED BY THE FEDERAL
EMERGENCY MANAGEMENT AGENCY (FEMA) AVAILABLE ONLINE AT
WWW.MSC.FEMA.GOV, AND BY GRAPHIC PLOTTING ONLY, THIS
PROPERTY IS LOCATED IN ZONE "X" ON FLOOD INSURANCE RATE MAP
NUMBER 26163C0210E, WHICH BEARS AN EFFECTIVE DATE OF
02/02/2012 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA. BY
REVIEWING FLOOD MAPS PROVIDED BY THE NATIONAL FLOOD
INSURANCE PROGRAM WE HAVE LEARNED THIS COMMUNITY DOES
PARTICIPATE IN THE PROGRAM.

C01 COVER
C02 DEMOLITION PLAN
C03 LAYOUT PLAN

ATTACHMENTS:

L-1 LANDSCAPING PLAN
L-2 LANDSCAPING DETAILS

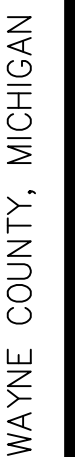
ALTA.NSPS LAND AND TITLE SURVEY



THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTICE:
CONSTRUCTION SITE SAFETY IS THE SOLE
RESPONSIBILITY OF THE CONTRACTOR;
NEITHER THE OWNER NOR THE ENGINEER
SHALL BE EXPECTED TO ASSUME ANY
RESPONSIBILITY FOR SAFETY OF THE
WORK, OF PERSONS ENGAGED IN THE
WORK, OF ANY NEARBY STRUCTURES, OR
OF ANY OTHER PERSONS.

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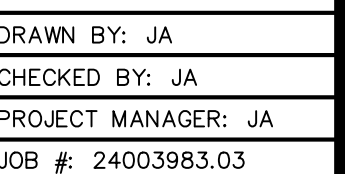


ZAX CAR WASH

ZAX - LIVONIA

COVER

DATE	DECEMBER 11, 2024
REVISIONS (SUBMITTALS)	



C01

NOT TO BE USED AS CONSTRUCTION DRAWINGS

CAD FILE: K:\24003983.03\DWG\PLAN SETS\SITE-PRELIMINARY\24003983.03-C01-C

	PROPERTY LINE
	STORM SEWER
	SANITARY SEWER
	WATERMAIN
	UNDERGROUND DATA/TELE GAS
	BUILDING TO BE REMOVED
	ASPHALT TO BE REMOVED
	SIDEWALK TO BE REMOVED
	CONCRETE TO BE REMOVED
	ITEM(S) TO BE REMOVED

1. ANY ITEM NOT INDICATED AS BEING REMOVED SHALL REMAIN.
2. FOR ADDITIONAL INFORMATION REFERENCE THE STANDARD NOTES SHEET, STANDARD DETAILS SHEET(S), AND ANY MUNICIPALITY AND/OR JURISDICTIONAL STANDARDS ATTACHED TO THIS PLAN SET.
3. CONTRACTOR SHALL CALL "MISS DIG" AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION/DEMOLITION.
4. CONTRACTOR SHALL COORDINATE ALL UTILITY REMOVAL AND ABANDONMENT ACTIVITIES WITH LOCAL GOVERNING AGENCY OR UTILITY COMPANY PRIOR TO STARTING DEMOLITION TO INSURE COMPLIANCE WITH GOVERNING AGENCY AND UTILITY COMPANY REGULATIONS AND DOCUMENT STANDARDS.
5. CONTRACTOR RESPONSIBLE FOR COORDINATING UTILITY TERMINATIONS & OBTAINING DEMOLITION PERMIT FROM THE CITY OF LIVONIA PRIOR TO BEGINNING CONSTRUCTION.

BENCHMARK #1
SET MAG SPIKE IN NORTH FACE OF 15" TWIN ELM
TREE LOCATED NEAR SOUTHWEST PROPERTY CORNER
ELEVATION: 679.24 (NAVD88)

BENCHMARK #2
SOUTHEAST ANCHOR BOLT ON LIGHT POLE BASE
LOCATED AT NORTHWEST PROPERTY CORNER IN SOUTH
RIGHT OF WAY OF PLYMOUTH ROAD
ELEVATION: 678.65 (NAVD88)



NOT TO BE USED AS CONSTRUCTION DRAWINGS

LEGEND

	PROPERTY LINE
	RIGHT-OF-WAY
	STANDARD DUTY ASPHALT
	CONCRETE SIDEWALK
	CONCRETE
	EXISTING OVERHEAD LINE(S)
	PAINTED STOP BAR W/ STOP SIGN
	EXISTING / PROPOSED SIGN
	SIDEWALK RAMP
	PARKING ROW COUNT
	ACCESSIBLE PARKING SPACE
	EXISTING UTILITY POLE
	PROPOSED LIGHT POLE

NOTES

- REFERENCE THE STANDARD NOTES SHEET FOR ADDITIONAL INFORMATION.
- FOR ALL APPLICABLE CONSTRUCTION DETAILS REFERENCE THE STANDARD DETAILS SHEET(S) AND ANY MUNICIPAL/JURISDICTIONAL DETAILS ATTACHED TO THIS PLAN SET.
- REFERENCE THE ALTA/ACSM LAND TITLE SURVEY FOR ADDITIONAL EXISTING FEATURES AND PROPERTY BOUNDARY INFORMATION.
- ALL DIMENSIONS ARE TO EDGE OF BUILDING, FACE OF CURB, OR EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.
- REFERENCE ARCHITECTURAL / FOUNDATION PLANS FOR BUILDING DIMENSIONS.
- ALL RADII ARE 5' UNLESS OTHERWISE NOTED.
- LIGHT POLE LOCATIONS ARE SHOW FOR REFERENCE ONLY. VERIFY WITH LIGHTING VENDOR.
- ALL ITEMS NOT IDENTIFIED AS "EXISTING" SHALL BE PROPOSED.
- THE LOADING AREA WILL HAVE LIMITED USE AND WILL NOT BE A REGULAR IMPEDIMENT TO VEHICLE CIRCULATION. DELIVERIES AVERAGE ONE (1) PER MONTH OVER A TWELVE (12) MONTH PERIOD.

PROJECT NARRATIVE

THE SITE IS AN EXISTING AUTOWASH THAT WILL BE RENOVATED WITH UPDATED PAY STATIONS, CENTRAL VACUUM SYSTEM, AND BUILDING UPDATES THAT INCLUDE DEMOLITION OF A PORTION OF THE EXISTING BUILDING.

SITE DATA

PROPOSED PARCEL SUMMARY

PARCEL ID#	GROSS LOT AREA	ZONING
125-99-0010-003	±1.37 ACRES	C-2

BUILDING DATA

EXISTING FLOOR AREA	6,855 SQ.FT.
PROPOSED FLOOR AREA	5,560 SQ.FT.

EMPLOYEE PARKING DATA

PROPOSED	REQUIRED	FORMULA
4 SPACES	N/A	N/A

VACUUM & DRYING DATA

PROPOSED	REQUIRED	FORMULA
11 SPACES	N/A	N/A

CAR WASH STACKING DATA

PROPOSED	REQUIRED	FORMULA
18 SPACES	N/A	N/A

ACCESSIBLE PARKING DATA

	PROPOSED	REQUIRED	FORMULA
TOTAL	1 SPACE*	1 SPACE	1-25 TOTAL SPACES PROVIDED
VAN	1 SPACE*	1 SPACE	1/8 ACCESSIBLE SPACES

*ACCESSIBLE VACUUM SPACE IS INTENDED TO SERVE AS ACCESSIBLE SPACE

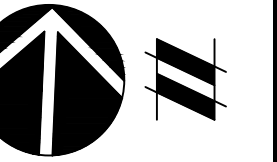
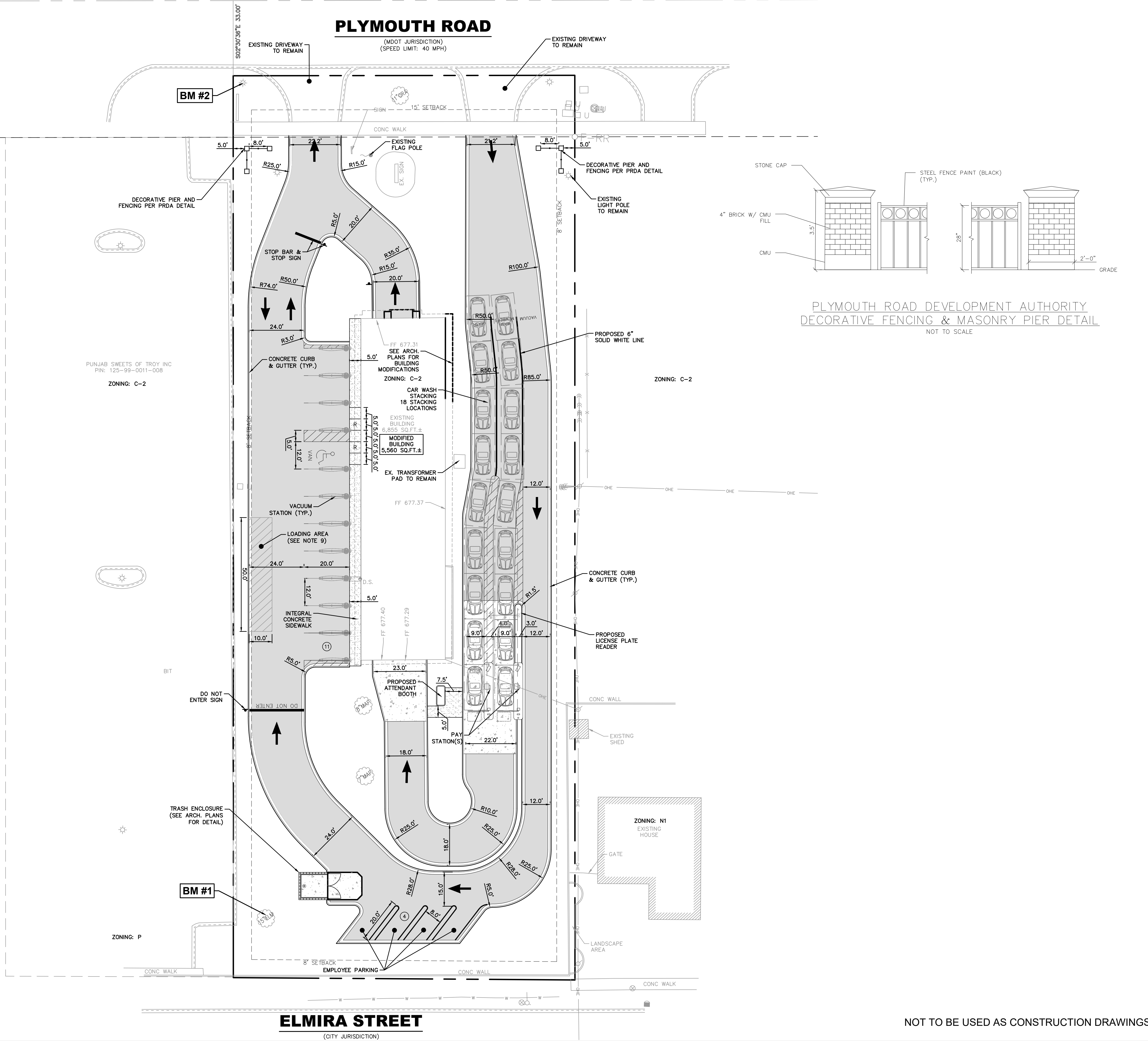
OFF-STREET LOADING & UNLOADING

PROPOSED	REQUIRED	FORMULA
1 SPACES	1 SPACES	1,401-20,000 SF

SITE BENCHMARKS

BENCHMARK #1
SET MAG SPIKE IN NORTH FACE OF 15" TWIN ELM
TREE LOCATED NEAR SOUTHWEST PROPERTY CORNER
ELEVATION: 679.24 (NAVD88)

BENCHMARK #2
SOUTHEAST ANCHOR BOLT ON LIGHT POLE BASE
LOCATED AT NORTHWEST PROPERTY CORNER IN SOUTH
RIGHT OF WAY OF PLYMOUTH ROAD
ELEVATION: 678.65 (NAVD88)



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NOTICE: CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OR ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

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ATWELL
866.850.4200 www.atwell-group.com
1274 E. 23 MILE ROAD | SUITE 200
SHELBY TOWNSHIP, MI 48315
(586) 786-9800



LIVONIA
WAYNE COUNTY, MICHIGAN

ZAX CAR WASH
ZAX - LIVONIA
LAYOUT PLAN

DATE
DECEMBER 11, 2024

REVISIONS/SUBMITTALS

DRAWN BY: JA
CHECKED BY: JA
PROJECT MANAGER: JA
JOB #: 24003983.03

CAD FILE: K:\24003983.03\DWG\PLAN SETS\SITE-PRELIMINARY\24003983.03-C03-L

C03

NOT TO BE USED AS CONSTRUCTION DRAWINGS

Landscape Plan

Zax Car Wash
Livonia, Michigan

Atwell, LLC
12745 23 Mile, Suite 200
Shelby Township, Michigan 48315

Review	October 11, 2024
Revised	November 5, 2024
Revised	December 11, 2024

24-068

jca

ca



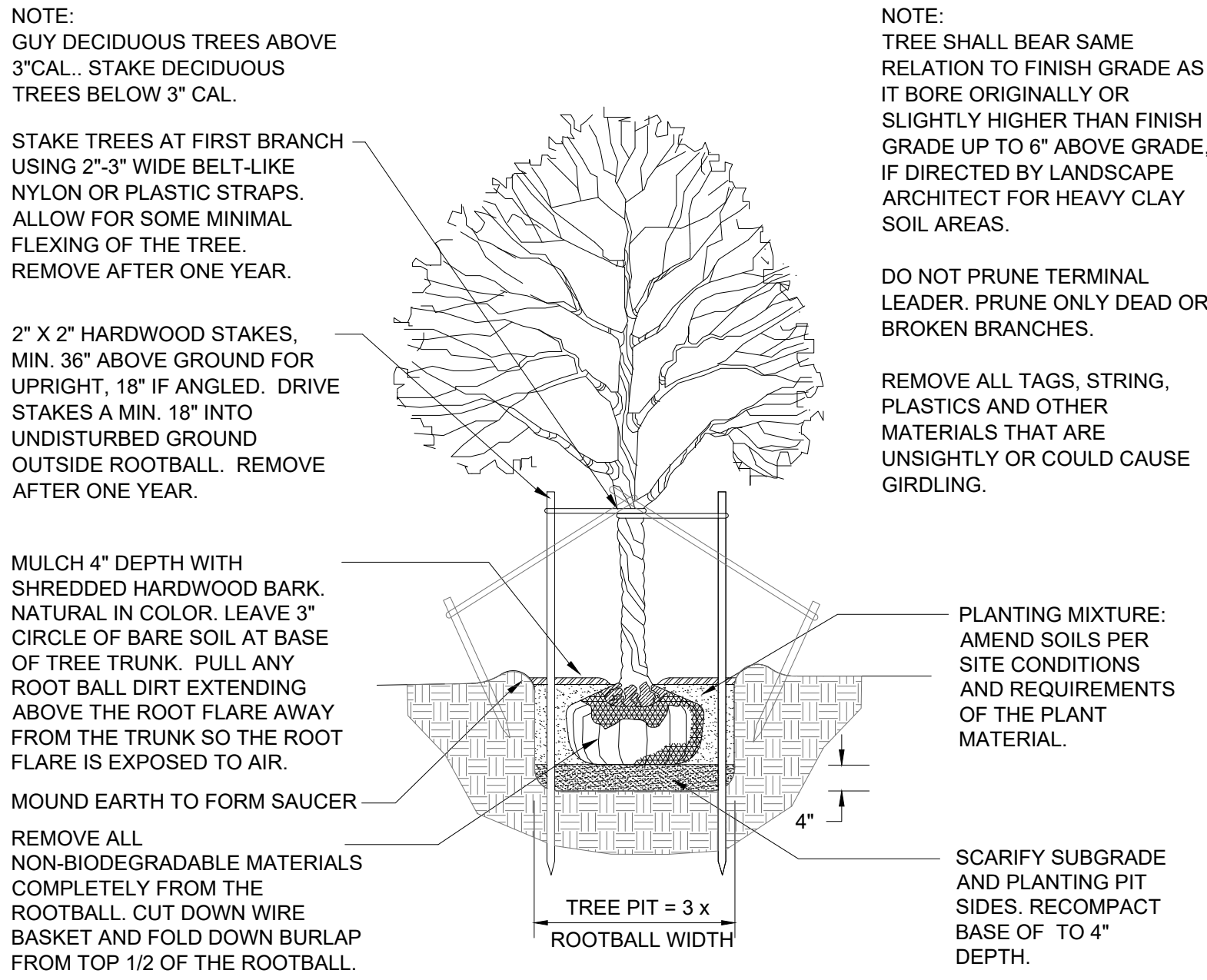
NORTH
1"=30'

L-1



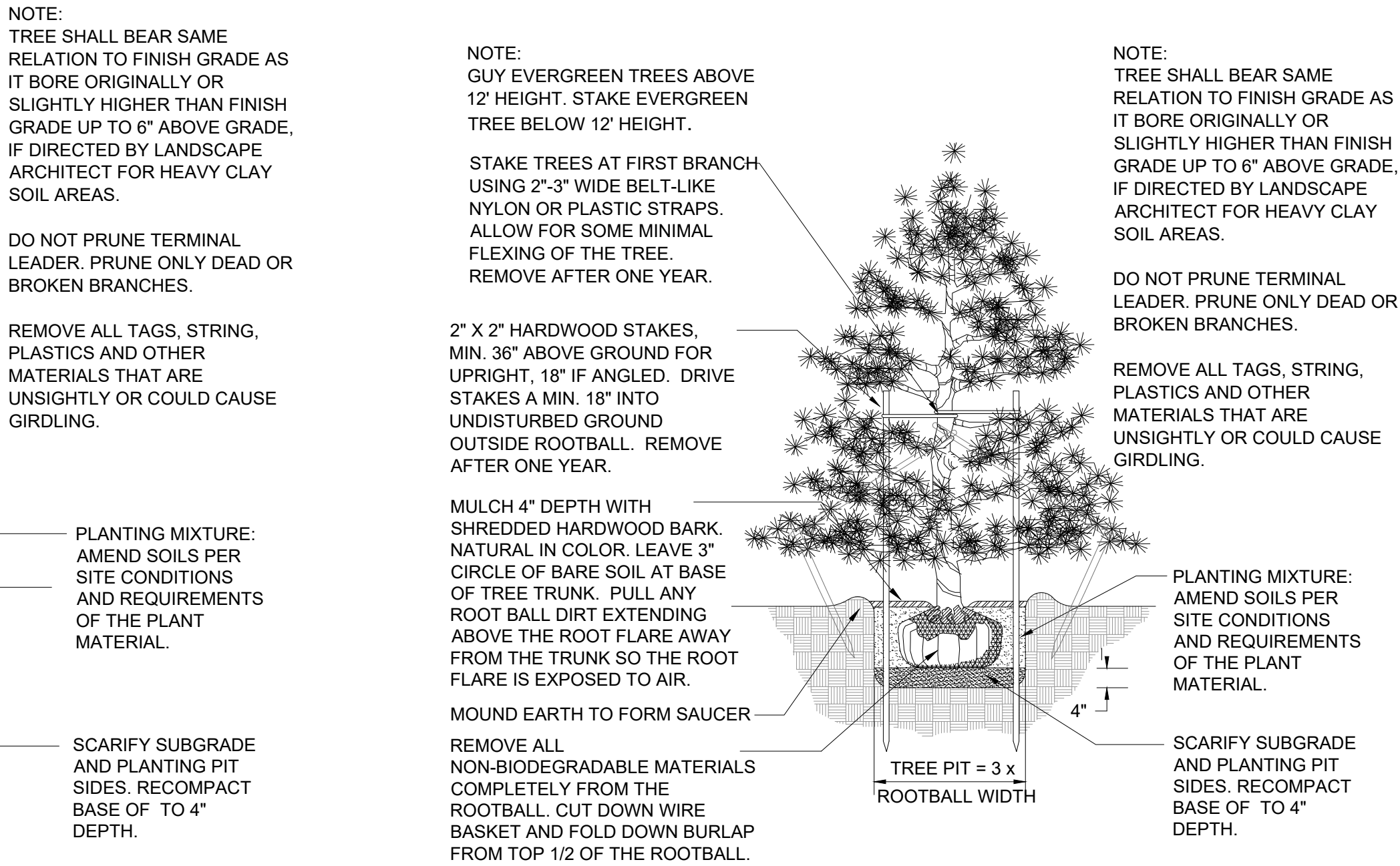
Frontage Landscaping	
Frontage Length	150 l.f.
Less Drives	43 l.f.
Net Frontage	107 l.f.
Trees Required	2.6 Trees (107 / 40)
Trees Provided	3 Trees
Ornamental Trees Required	1 Tree (107 / 100)
Ornamental Trees Provided	1 Tree
Shrubs Required	21.4 Shrubs (107 / 40) x 8
Shrubs Provided	22 Shrubs (6 Existing)
Greenbelt Buffering	
Buffer Length	271'
Trees Required	13.6 Trees (271 / 20)
Trees Provided	15 Trees (5 Existing)
Open Space Landscaping	
Open Space Area	18,948 s.f.
Trees Required	6.3 Trees (18,948 / 3,000)
Trees Provided	7 Trees (3 Existing)

sym.	qty.	botanical name	common name	caliper	spacing	root	height
Frontage Plantings							
MAP	5	Malus 'Profusion'	Profusion Crab	2.0"	as shown	B&B	
POF	10	Physocarpus opulifolius	Eastern Ninebark		as shown	cont	36"
ROG	6	Rosa 'Oso Easy Double Red'	Oso Double Red Rose		as shown	cont	#3
UFG	3	Ulmus 'Frontier'	Frontier Elm	3.0"	as shown	B&B	
	3	Trees Provided					
	1	Ornamental Trees Provided					
	16	Shrubs Provided					
sym.	qty.	botanical name	common name	caliper	spacing	root	height
Greenbelt Plantings							
TCG	1	Tilia cordata 'Greenspire'	Greenspire Linden	3.0"	as shown	B&B	
TOG	9	Thuja 'Green Giant'	Green Giant Arborvitae		as shown	B&B	8'
	10	Trees Provided					
sym.	qty.	botanical name	common name	caliper	spacing	root	height
Open Space Plantings							
ARO	3	Acer rubrum 'Red Pointe'	Red Pointe Maple	3.0"	as shown	B&B	
UFO	1	Ulmus 'Frontier'	Frontier Elm	3.0"	as shown	B&B	
	4	Trees Provided					
sym.	qty.	botanical name	common name	caliper	spacing	root	height
General Plantings							
DL	8	Hemerocallis 'South Seas'	South Seas Daylily		as shown	cont	#2
HL	16	Hydrangea p. 'LimeLight'	LimeLight Hydrangea		as shown	cont	36"
TG	9	Thuja 'Green Giant'	Green Giant Arborvitae		as shown	B&B	8'
TO	12	Thuja occidentalis 'Techny'	Techny Arborvitae		as shown	B&B	6'



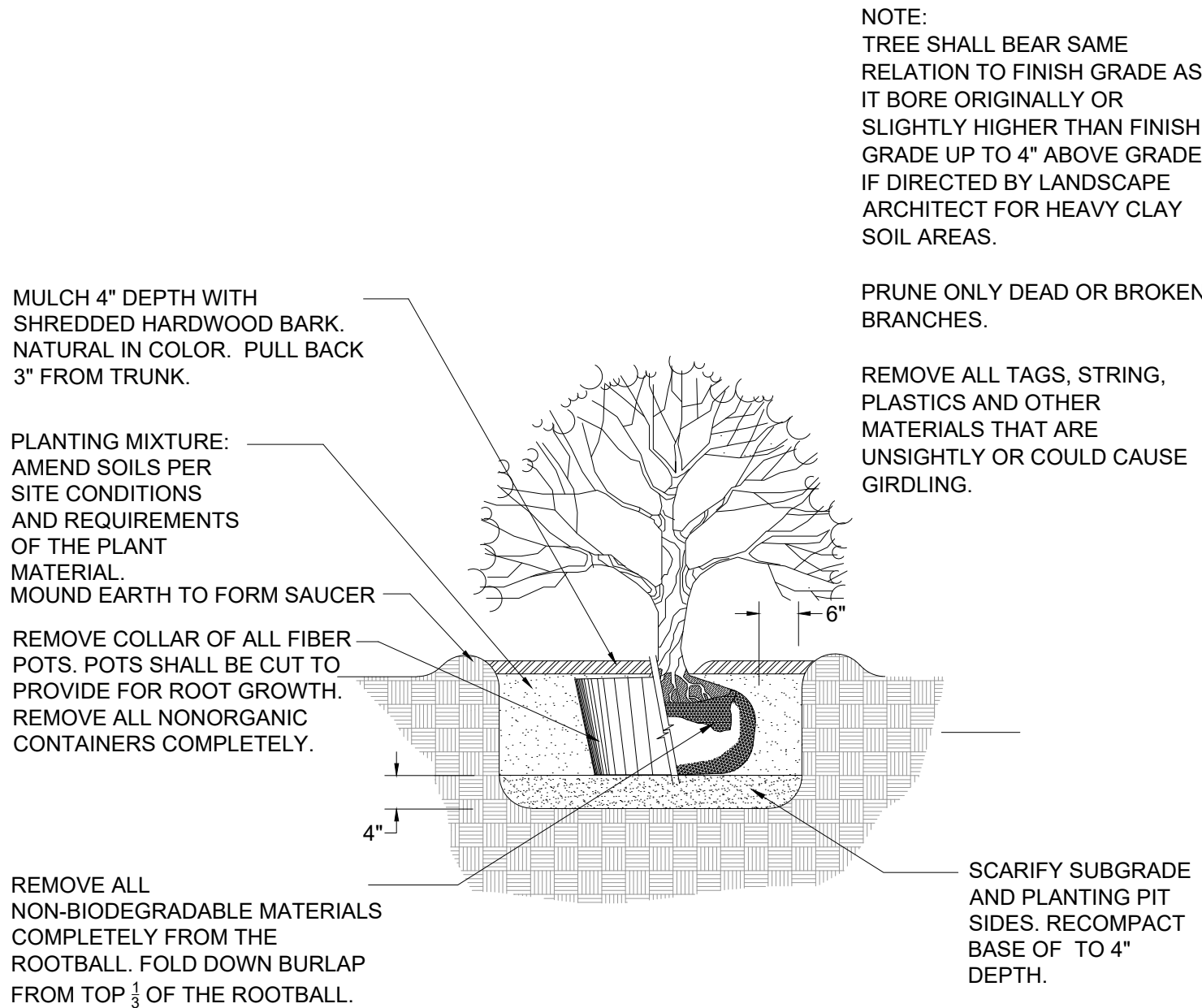
DECIDUOUS TREE PLANTING DETAIL

Not to scale



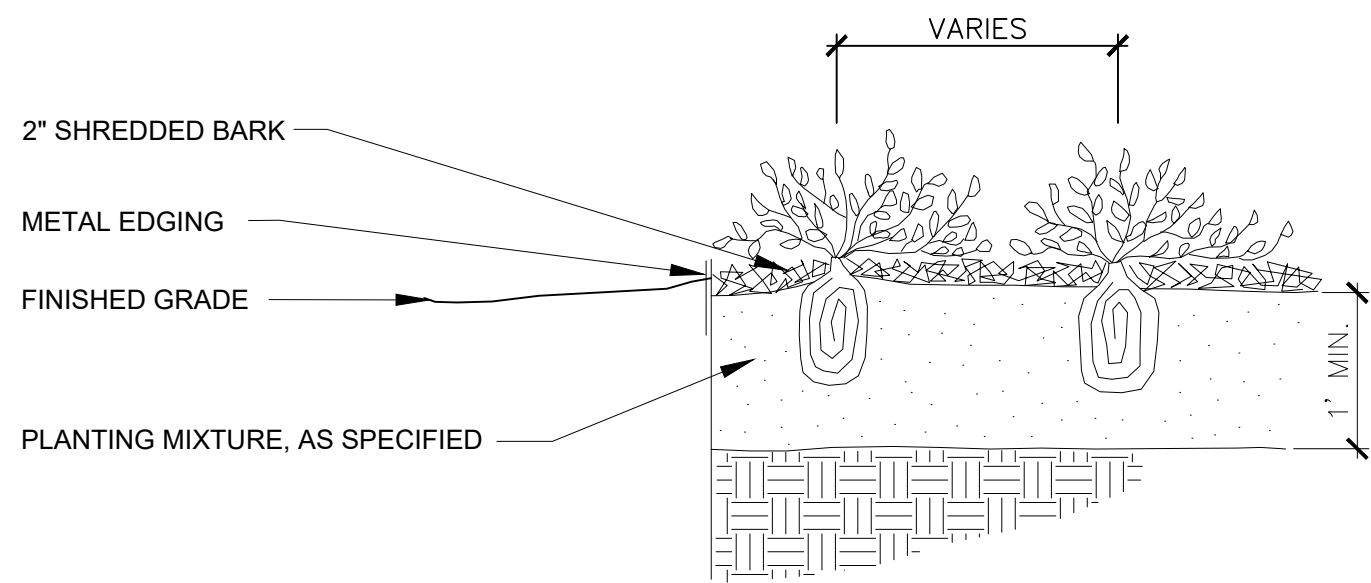
EVERGREEN TREE PLANTING DETAIL

Not to scale



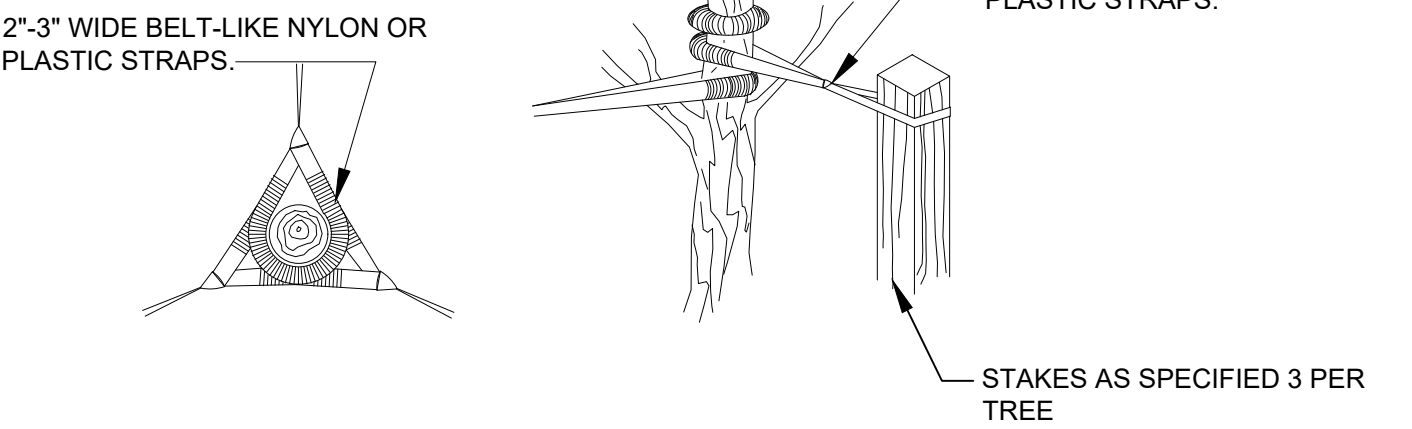
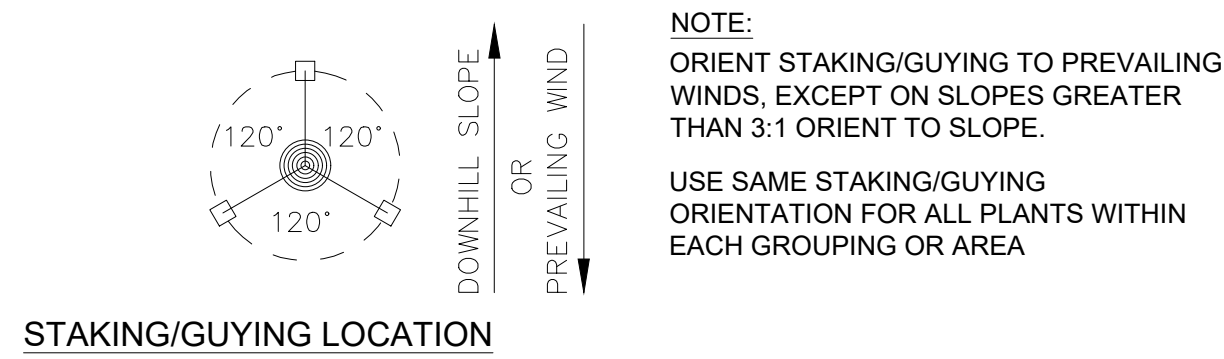
SHRUB PLANTING DETAIL

NOT TO SCALE



PERENNIAL PLANTING DETAIL

Not to scale



GUYING DETAIL

STAKING DETAIL

TREE STAKING DETAIL

Not to scale

LANDSCAPE NOTES

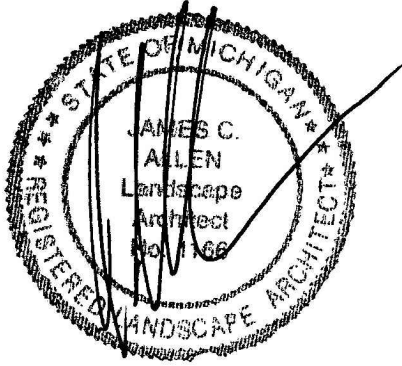
- All plants shall be north Midwest American region grown, No. 1 grade plant materials, and shall be true to name, free from physical damage and wind burn.
- Plants shall be full, well-branched, and in healthy vigorous growing condition.
- Plants shall be watered before and after planting is complete.
- All trees must be staked, fertilized and mulched and shall be guaranteed to exhibit a normal growth cycle for at least two (2) full years following Township approval.
- All material shall conform to the guidelines established in the most recent edition of the American Standard for Nursery Stock.
- Provide clean backfill soil, using material stockpiled on site. Soil shall be screened and free of any debris, foreign material, and stone.
- "Agriform" tabs or similar slow-release fertilizer shall be added to the planting pits before being backfilled.
- Amended planting mix shall consist of 1/3 screened topsoil, 1/3 sand and 1/3 peat, mixed well and spread to the depth as indicated in planting details.
- All plantings shall be mulched per planting details located on this sheet.
- The Landscape Contractor shall be responsible for all work shown on the landscape drawings and specifications.
- No substitutions or changes of location, or plant types shall be made without the approval of the Landscape Architect.
- The Landscape Architect shall be notified in writing of any discrepancies between the plans and field conditions prior to installation.
- The Landscape Contractor shall be responsible for maintaining all plant material in a vertical condition throughout the guaranteed period.
- The Landscape Architect shall have the right, at any stage of the installation, to reject any work or material that does not meet the requirements of the plans and specifications, if requested by owner.
- Contractor shall be responsible for checking plant quantities to ensure quantities on drawings and plant list are the same. In the event of a discrepancy, the quantities on the plans shall prevail.
- The Landscape Contractor shall seed and mulch or sod (as indicated on plans) all areas disturbed during construction, throughout the contract limits.
- A pre-emergent weed control agent, "Preen" or equal, shall be applied uniformly on top of all mulching in all planting beds.
- Sod shall be two year old "Baron/Cheriadelpi" Kentucky Blue Grass grown in a sod nursery on loam soil.
- All Proposed Landscaping to be Provided Water with an Automatic Underground Irrigation System.

MAINTENANCE NOTES

The owner of the property is responsible for the regular maintenance of all plants and must replenish mulch, control weeds, fertilize plants, and prune plants as necessary beginning upon completion of construction of landscaping. All diseased, dead, or damaged plants must be replaced within thirty (30) days, unless the season is not appropriate for planting, in which case such plant material must be replaced at the beginning of the next planting season.

The approved landscape plan must be considered a permanent record and integral part of site plan approval. Unless otherwise approved in accordance with the procedures for amending a site plan, any revisions to or removal of plant materials that are not replaced will cause the parcel to be in nonconformity with the originally approved landscape plan and must be viewed as a violation of this Ordinance.

Seal:



Title:

Landscape Details

Project:

Zax Car Wash
Livonia, Michigan

Prepared for:

Atwell, LLC
12745 23 Mile Road, Suite 200
Shelby Township, Michigan 48315

Revision:

Review
Revised
Revised

Issued:

October 11, 2024
November 5, 2024
December 11, 2024

Job Number:

24-068

Drawn By:

jca

Checked By:

jca

Sheet No.



TITLE COMMITMENT INFORMATION

THE PROPERTY HEREON DESCRIBED IS THE SAME AS THE PERTINENT PROPERTY AS DESCRIBED IN OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, COMMITMENT FILE NO.: 2-706550, WITH AN EFFECTIVE DATE OF NOVEMBER 7, 2023 AT 8:00 A.M.

TITLE COMMITMENT INFORMATION

THE PROPERTY HEREON DESCRIBED IS THE SAME AS THE PERTINENT PROPERTY AS DESCRIBED IN OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, COMMITMENT FILE NO.: 2-706550, WITH AN EFFECTIVE DATE OF NOVEMBER 7, 2023 AT 8:00 A.M.

Located in the City of Livonia, County of Wayne, State of Michigan, and is described as follows:

Part of the Northeast 1/4 of Section 32, Town 1 South, Range 9 East, described as: Beginning at a point on the South line of Plymouth Road, distant South 89 degrees 00 minutes 00 seconds East 871.40 feet and South 01 degrees 04 minutes 00 seconds West 33.00 feet from the North 1/4 corner of Section 32 and proceeding along the South line of Plymouth Road, South 89 degrees 00 minutes 00 seconds East 150.00 feet, thence South 01 degrees 04 minutes 00 seconds West 397.22 feet, thence North 88 degrees 32 minutes 00 seconds West 150.00 feet, thence North 01 degrees 04 minutes 00 seconds East 396.00 feet to the point of beginning.

NOTES CORRESPONDING TO SCHEDULE B

- 10 Pole Line Permit in favor of The Detroit Edison Company as set forth in instrument recorded in **Liber 4426, Page 274**. DOCUMENT IS NOT LEGIBLE.
- 11 Right of Way to Michigan Bell Telephone Company, as set forth in instruments recorded in **Liber 15410, Page 685** and in **Liber 18486, Page 27**. SHOWN HEREON.
- 12 Right of Way to The Detroit Edison Company and Michigan Bell Telephone Company as set forth in instrument recorded in **Liber 18034, Page 97**. DOCUMENT IS NOT LEGIBLE.

FLOOD INFORMATION

FLOOD NOTE: BASED ON MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AVAILABLE ONLINE, AT WWW.MSC.FEMA.GOV, AND BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS LOCATED IN ZONE "X" ON FLOOD INSURANCE RATE MAP NUMBER 2616302010E, WHICH BEARS AN EFFECTIVE DATE OF 02/02/2012 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA. BY REVIEWING FLOOD MAPS PROVIDED BY THE NATIONAL FLOOD INSURANCE PROGRAM WE HAVE LEARNED THIS COMMUNITY DOES PARTICIPATE IN THE PROGRAM.

LEGEND

- UTILITY VAULT
- UTILITY METER
- UTILITY BOX
- UTILITY RISER
- UTILITY MANHOLE
- UTILITY MARKER SIGN
- UTILITY POLE
- GUY ANCHOR
- LIGHT POLE
- TRANSFORMER
- ELECTRIC VAULT
- ELECTRIC METER
- ELECTRIC BOX
- ELECTRIC RISER
- ELECTRIC MANHOLE
- ELECTRIC MARKER SIGN
- CATV VAULT
- CATV BOX
- CATV RISER
- CATV MANHOLE
- CATV MARKER SIGN
- FIBER OPTIC VAULT
- FIBER OPTIC BOX
- FIBER OPTIC RISER
- FIBER OPTIC MANHOLE
- FIBER OPTIC MARKER SIGN
- GAS VALVE
- GAS METER
- GAS MANHOLE
- GAS MARKER SIGN
- SANITARY SEWER MANHOLE
- SEWER CLEAN OUT
- STORM SEWER MANHOLE
- GRATE INLET
- CURB INLET
- DROP INLET
- IRRIGATION CONTROL VALVE
- TELEPHONE VAULT
- TELEPHONE BOX
- TELEPHONE RISER
- TELEPHONE MANHOLE
- TELEPHONE MARKER SIGN
- TRAFFIC SIGNAL POLE
- TRAFFIC SIGNAL BOX
- TRAFFIC SIGNAL VAULT
- FIRE HYDRANT
- FIRE RISER
- FIRE DEPARTMENT CONNECTION
- WATER VALVE
- WATER VAULT
- WATER MANHOLE
- WATER MARKER SIGN
- WATER CONNECTION
- MONITORING WELL
- GREASE TRAP
- VENT PIPE
- AIR CONDITIONER
- MAILBOX
- GROUND LIGHT
- BOLLARD
- GATE MOTOR
- KEY PAD
- PARKING METER
- PET WASTE CONTAINER
- SIGN
- HANDICAP PARKING
- FLAG POLE
- RAILROAD CROSSING
- MONUMENT FOUND (AS NOTED)
- MONUMENT SET (AS NOTED)
- MONUMENT NOT FOUND OR SET
- R.O.W. MONUMENT
- CONCRETE
- WALL
- PARKING STRIPE
- SCHEDULE "W" ITEM NO.
- POSSIBLE ENCROACHMENT
- CALCULATED CALL
- RECORD CALL
- MEASURED CALL
- RIGHT-OF-WAY
- POINT OF BEGINNING
- POINT OF COMMENCEMENT
- CABLE TELEVISION
- ELECTRIC
- FIBER OPTIC
- GAS
- SANITARY SEWER
- STORM SEWER
- TELEPHONE
- WATER
- COVERED AREA
- TRASH ENCLOSURE
- LANDSCAPE AREA
- BUILDING HEIGHT LOCATION
- CENTER LINE
- ADJOINING PROPERTY LINE
- BUILDING SETBACK LINE
- EASEMENT LINE
- PROPERTY LINE
- CHAIN LINK FENCE
- WOOD FENCE
- WIRE FENCE
- IRON FENCE
- RAILROAD
- OVERHEAD UTILITY LINE
- UNDERGROUND CABLE TV LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND FIBER OPTIC LINE
- UNDERGROUND GAS LINE
- UNDERGROUND SANITARY SEWER LINE
- UNDERGROUND STORM SEWER LINE
- UNDERGROUND TELEPHONE LINE
- UNDERGROUND WATER LINE

NORTH 1/4 CORNER OF SECTION 32
P.O.C.

S89°00'00"E 871.40'(M/R)
(BASIS OF BEARING)

S01°04'00"W 33.00'(M/R)

MICHIGAN BELL TELEPHONE COMPANY R.O.W. EASEMENT
LIBER 18486, PG 27

PLYMOUTH RD
VARIABLE WIDTH ASPHALT-120' PUBLIC R/W

S89°00'00"E 150.00'(M/R)

N01°03'58"E 395.99'(M/R)

1-STORY BRICK BUILDING
6,851 SQ. FT.

ASPHALT

CORE PROPERTY MANAGEMENT LLC
PARCEL ID: 46-125-990-011-008

ZAX LIVONIA LLC
PARCEL ID: 46-125-990-010-003

N88°32'00"W 150.00'(M/R)

ELMIRA STREET

1" = 30'
GRAPHIC SCALE

BASIS OF BEARINGS
THE BASIS OF BEARINGS SHOWN HEREON IS S89°00'00"E BEING THE NORTH LINE OF SECTION 32.



SHEET 1 OF 1

BBG NO.
0523106918

LAND AREA
59,490 SQUARE FEET
1.37 ACRES

PARKING
REGULAR = 5
HANDICAP = 0
TOTAL = 5

STATEMENT OF ENCROACHMENTS

— THERE APPEARED TO BE NO ENCROACHMENTS AT THE TIME OF THE SURVEY

GENERAL NOTES

- NO UNDERGROUND UTILITIES ARE SHOWN ON THIS SURVEY, ONLY ABOVE GROUND VISIBLE EVIDENCE OF UTILITIES ARE SHOWN.
- ALL STATEMENTS WITHIN THE CERTIFICATION, AND OTHER REFERENCES LOCATED ELSEWHERE HEREON, RELATED TO UTILITIES, IMPROVEMENTS, STRUCTURES, BUILDINGS, PARTYWALLS, PARKING, EASEMENTS, SERVITUDES, AND ENCROACHMENTS ARE BASED SOLELY ON ABOVE GROUND, VISIBLE EVIDENCE, UNLESS ANOTHER SOURCE OF INFORMATION IS SPECIFICALLY REFERENCED HEREON.
- THIS SURVEY MEETS OR EXCEEDS THE SURVEY STANDARDS/STANDARDS OF CARE AS SET FORTH IN SECTION 3 OF THE 2021 ALTA/NSPS SURVEY REQUIREMENTS.
- THE SUBJECT PROPERTY WAS DIRECT PHYSICAL ACCESS TO PLYMOUTH RD, A DEDICATED PUBLIC STREET OR HIGHWAY.
- THERE IS NO VISIBLE EVIDENCE OF CEMETERIES ON THE SUBJECT PROPERTY.
- THERE IS NO OBSERVABLE EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS WITHIN RECENT MONTHS.
- THE PARCEL CONTAINED IN THE LEGAL DESCRIPTION ARE CONTIGUOUS WITHOUT ANY GAPS, GORES OR OVERLAPS.
- BUILDING AREAS SHOWN HEREON ARE FOR THE FOOTPRINT OF THE BUILDING ONLY.
- NO APPARENT CHANGES IN STREET RIGHT-OF-WAY LINES EITHER COMPLETED OR PROPOSED, AND AVAILABLE FROM THE CONTROLLING JURISDICTION. NO OBSERVABLE EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS.

ALTA/NSPS LAND AND TITLE SURVEY CAR WASH PORTFOLIO

36001 PLYMOUTH RD

WAYNE COUNTY

LIVONIA, MICHIGAN

ZONING DATA

ZONING ITEM	REQUIRED	PARKING REQUIREMENTS
ZONING DESIGNATION	C-2	
MINIMUM LOT AREA (SQ. FT.)	8,000 sq ft	Auto-wash establishments and
MAX IMPERVIOUS COVERAGE	N/A	accessory gasoline pumps. At least 20
MAX BUILDING HEIGHT	35' (2 stories)	parking spaces
BUILDING SETBACKS		
FRONT	15'	
SIDE	35'	
REAR	8'	
NOTES:		
		CONTACT: rtaylor@bbgres.com
		REPORT DATE: October 4, 2023
		REPORT #: 0523106940

BUILDING HEIGHT

BUILDING 1: 13.0' ±

BUILDING AREA

BUILDING 1: 6,851 SQ. FT.

SURVEYED BY:



9730 N. Greenville Rd, Lakeview, Michigan 48850,
(989) 352-4000
globalandsolutions.com

SURVEYOR CERTIFICATE

To: Old Republic National Title Insurance Company; Zax Livonia, LLC, a Michigan limited liability company; MCW LIVONIA II, LLC; BBG Assessments, LLC

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, 6(a), 6(b), 7(a), 7(b)(1), 7(c), 8, 9, 13, 14, 16, 17, 20 of Table A thereof. The fieldwork was completed on 10/03/2023.

Date of Plat or Map: 10/20/2023

JAY M. SCHWANDT
PROFESSIONAL SURVEYOR
No. 47974

JAY M. SCHWANDT, PS, JD
STATE OF MICHIGAN
LICENSE NO.: 47974



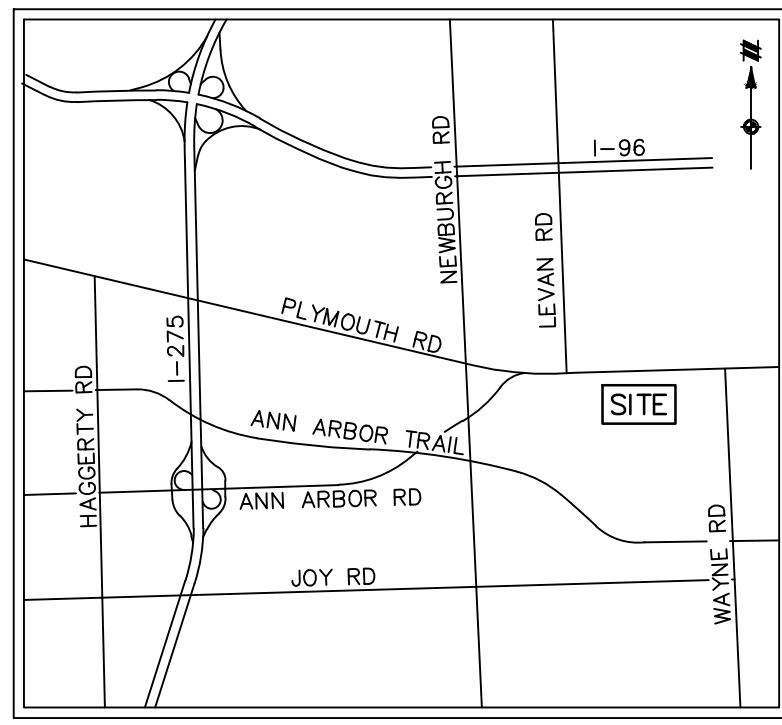
DATE	REVISION HISTORY
10/20/23	COMMENTS
11/21/23	COMMENTS
12/18/23	UPDATED TITLE

JOB NUMBER 23331A
SCALE: 1" = 30'
DRAWN BY: TRS
APPROVED BY: JMS

PREPARED FOR:

BBG ASSESSMENTS, LLC
8300 DOUGLAS AVENUE,
SUITE 600
DALLAS, TEXAS 75225
877.524.1187

BOUNDARY & TOPOGRAPHIC SURVEY



VICINITY MAP
NOT TO SCALE

LEGEND

	SECTION CORNER
	FOUND IRON ROD
	FOUND CAPPED IRON ROD
	EXISTING UTILITY POLE
	EXISTING MANHOLE/CATCH BASIN
	EXISTING SIGN
	EXISTING TREE
	EXISTING VALVE
	EXISTING LIGHT POLE
	EXISTING ELECTRIC TRANSFORMER
	EXISTING GUY ANCHOR
	EXISTING UTILITY HANDHOLE
	EXISTING MAILBOX
	EXISTING BOLLARD
	EXISTING DOWNSPOUT
	EXISTING ELECTRIC RISER
	EXISTING CLEAN OUT
	EXISTING GAS VALVE
	EXISTING GAS METER
	EXISTING MONITORING WELL
	EXISTING TRAFFIC LIGHT POLE
	UNDERGROUND GAS MARKER
	UNDERGROUND TELEPHONE MARKER
	UNDERGROUND ELECTRIC MARKER
	EXISTING FLAG POLE
	EXISTING GROUND ELEVATION
	EXISTING CURB ELEVATION
	EXISTING OUTER ELEVATION
	EXISTING PAVEMENT ELEVATION
	PLATTED
	MEASURED
	BOUNDARY LINE
	BOUNDARY ADJACENT LINE
	SECTION LINE
	EASEMENT LINE
	UNDERGROUND GAS LINE
	UNDERGROUND STORM LINE
	UNDERGROUND TELEPHONE LINE
	UNDERGROUND ELECTRIC LINE
	OVERHEAD UTILITY LINE
	EXISTING FENCE
	EXISTING CURB AND GUTTER
	EXISTING GROUND CONTOUR
	EXISTING BUILDING

NOTES:

- BEARINGS ARE BASED ON MICHIGAN STATE PLANE COORDINATES NAD83 (2011), SOUTH ZONE, GROUND DISTANCES, INTERNATIONAL FEET. MEASURED BEARINGS DIFFER FROM RECORD TITLE BEARINGS. VERTICAL DATUM IS BASED ON NAVD88.
- THE SITE SHOWN HEREON IS LOCATED WITHIN ZONE X (AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN) ACCORDING TO MAP NUMBER 26163C0210E OF THE FLOOD INSURANCE RATE MAP, EFFECTIVE DATE FEBRUARY 2, 2012.
- WATER MAIN, STORM SEWER, SANITARY SEWER AND FRANCHISE UTILITY STRUCTURES HAVE BEEN FIELD LOCATED WHERE VISIBLE. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED.

I HEREBY CERTIFY THAT I HAVE SURVEYED AND MAPPED THE LAND ABOVE PLATTED AND/OR DESCRIBED ON OCTOBER 3, 2024, AND THAT THE RATIO OF CLOSURE ON THE UNADJUSTED FIELD OBSERVATIONS OF SUCH SURVEY WAS NO GREATER THAN 1/5000.

JOSHUA J. BARRY
PROFESSIONAL SURVEYOR NO. 4001071256
JBARRY@ATWELL.COM
TWO TOWNE SQUARE, SUITE 700
SOUTHFIELD, MICHIGAN 48076
248.447.2000

DATE

SITE BENCHMARKS:

BM #1: SET MAG SPIKE IN NORTH FACE OF 15' TWIN ELM TREE LOCATED NEAR SOUTHWEST PROPERTY CORNER
ELEVATION: 679.24 (NAVD88)

BM #2: SOUTHEAST ANCHOR BOLT ON LIGHT POLE BASE LOCATED AT NORTHWEST PROPERTY CORNER IN SOUTH RIGHT OF WAY OF PLYMOUTH ROAD
ELEVATION: 678.65 (NAVD88)



Know what's below.
Call before you dig.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTICE:
CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

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ATWELL
866.850.4200 www.atwell-group.com
TWO TOWNE SQUARE, SUITE 700
SOUTHFIELD, MI 48076
248.447.2000

SECTION 32

TOWN 1 SOUTH, RANGE 9 EAST
CITY OF LIVONIA

AMMORI EQUITY PARTNERS
BOUNDARY & TOPOGRAPHIC SURVEY
LOCATED IN
WAYNE COUNTY, MICHIGAN

CLIENT

DATE

10/07/2024

REVISIONS

SCALE

0 15 30

1" = 30 FEET

DR. JR GH. JB

P.M. J. BARRY

BOOK

NA

JOB

24003983.03

SHEET NO.

1 OF 1

CAD FILE: 24003983.03P-01.DWG

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

15.

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

6. SITE PLAN PETITION: Planning Commission, re: Petition 2024-10-08-07 submitted by Zax Auto Wash, requesting approval of all plans to reconfigure the parking lot and drive-thru facilities and remodel the exterior of the existing car wash at 36001 Plymouth Road, located on the south side of Plymouth Road, between Levan Road and Yale Street, in the Northeast $\frac{1}{4}$ of Section 32.

Mark Taormina, City Planner, presented this matter to Council and indicated it is for site plan approval to remodel and improve parking spots, flow of traffic, and the drive-thru facilities. The site is about 1.4 acres in size on Plymouth Road and the original car wash was built mid-1980's and there was an addition put on the property in the early 1990's for a Quick Oil Change. The flow of traffic will be reversed with the removal of the Quick Oil Change and vehicles will enter from the east side of the portion of the property with a single lane for entry on the south side of the building.

Mr. Taormina indicated the vacuums are relocated to the west side of the building with 11 parking spaces. The dumpster is relocated, and all new landscaping is involved. The tower facing the front of Plymouth Road is approximately 23' in height and the main part of the building is about 17' in height. The Ordinance does require 20 parking spaces, and this plan only has about 14-15 spaces so it will require a waiver on behalf of Council to require the lesser amount of parking spaces. The waiver is a separate vote by Council to approve less parking. The recommendation of the Planning Commission is for approval.

Vice President asked if the petitioner was present. She questioned if the trash cans near the vacuums lead to trash just blowing in the wind and wanted to know what the plan was for the trash.

Jeff Klatt, Clad Architects, 400 East Lincoln, Royal Oak, on behalf of the architectural firm and representative of the owner Zax Auto Wash, was present to answer any questions of Council. Mr. Klatt indicated the owner would ensure a plan was in place to keep the area clean and there would be staff on-site that would frequently empty the trash receptacles and pick up any debris that may have blown away.

Councilmember Donovic stated he was excited to see this architectural firm involved in this project and investing in this property. He stated he felt it was a great improvement and inquired if there were any plans to remodel or redevelop the second location of Zax Car Wash just east of Middlebelt, also on Plymouth Road. With regard

to this project, Donovic inquired if there were any PRDA requirements included in the approval by the Planning Commission and inquired if there was any landscaping involved in the back part of the site, the south side of the property.

Mr. Taormina stated there were no improvements noted along Plymouth Road at this time but stated this is something he would like to work with the Petitioner on to come up with something. Mr. Taormina stated there are some gaps along the south wall that should be addressed at this time as this would be a great opportunity to add in those conditions and to work with the Petitioner to get it right.

Vice President Ptashnik indicated there was some discussion held regarding landscaping at the Planning Commission meeting regarding the PRDA.

Councilmember Donovic indicated the abutting property did include landscaping as part of the PRDA and for continuity should also be included on this project.

Councilmember Budzinski asked that for continuity it would be appropriate that we have the same expectation for this development as has been done for other approved projects along Plymouth Road, which is a main thoroughfare throughout the City. Budzinski requested this matter be put on the Regular portion of the Agenda so that these requirements are worked out with the Planning Department.

Following discussion by Council and Petitioner, it was agreed that the Planning Department and the Petitioner work on landscaping plans to create continuity and screening with neighboring properties to include relevant PRDA requirements similar to the condominium development just east of this property.

DIRECTION:

APPROVING

REGULAR



LETTER TO THE LIVONIA CITY COUNCIL

6.

Planning
November 18, 2024

MEETING DATE

S120224/R121824

PRESENTED BY

Mark Taormina, Planning and Economic Development Director

AGENDA ITEM

SITE PLAN PETITION: Planning Commission, re: Petition 2024-10-08-07, submitted by Zax Auto Wash, requesting approval of all plans to reconfigure the parking lot and drive-thru facilities and remodel the exterior of the existing car wash at 36001 Plymouth Road, located on the south side of Plymouth Road, between Levan Road and Yale Street, in the Northeast ¼ of Section 32.

BACKGROUND DETAILS

November 18, 2024

Honorable Members of the City Council
City of Livonia, Michigan

Re: Petition 2024-10-08-07 – Zax Car Wash

Dear Council Members:

At the 1,222nd Public Hearing and Regular Meeting held by the City Planning Commission on November 12, 2024, the following resolution was adopted:

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

#10-61-2024 RESOLVED, That the City Planning Commission does hereby recommend to the City Council that Petition 2024-10-08-07 submitted by Zax Auto Wash, requesting approval of all plans required by Sections 3.11 and 13.13 of the Livonia Zoning Ordinance, as amended, to reconfigure the parking lot and drive-thru facilities and remodel the exterior of the existing car wash at 36001 Plymouth Road, located on the south side of Plymouth Road, between Levan Road and Yale Street, in the Northeast ¼ of Section 32., be approved subject to the following conditions:

1. The Site Plan, identified as C03, dated October 11, 2024, prepared by Atwell Group, is approved and shall be adhered to.
2. The hours of operation shall be limited to the following: Monday through Saturday from 7:00 a.m. to 8:00 p.m. and Sunday from 9:00 a.m. to 6:00 p.m.
3. The Landscape Plan identified as L-1, dated November 5, 2024, prepared by Allen Design, are

approved and shall be adhered to.

4. All disturbed lawn areas, including road rights-of-way, shall be sodded instead of hydroseeding.
5. Underground sprinklers shall be installed for all landscaped and sodded areas. All planted materials shall be installed to the satisfaction of the Inspection Department and permanently maintained in a healthy condition.
6. The Exterior Elevations Plan, identified as A.200 and A.300, dated October 11, 2024, prepared by Krieger Klatt Architects, is approved and shall be adhered to.
7. All rooftop mechanical equipment shall be concealed from public view on all sides by screening, consisting of material compatible in color with other exterior materials on the building.
8. The three walls of the trash dumpster area shall be constructed out of building materials that complement the building, and the enclosure gates shall consist of opaque and durable steel or composite panels.
9. All light fixtures shall not exceed a height of twenty feet (20') and shall be aimed and shielded to minimize stray light trespassing across property lines and glaring onto adjacent roadways. All exterior lights shall be turned off or dimmed between 8:30 p.m. and 7:30 a.m.
10. The Inspection Department shall review the existing concrete wall along the south property line and, if needed, be brought up to the Zoning Ordinance's current specifications.
11. Only conforming signage is approved with this petition, and any additional signage shall be separately submitted for review and approval by the Zoning Board of Appeals.
12. No LED light band or exposed neon shall be permitted on this site, including, but not limited to, the building or around the windows.
13. Unless approved by the Inspection Department, any type of exterior advertising, such as promotional flags, streamers, or sponsor vehicles designed to attract the attention of passing motorists, shall be prohibited.
14. The plans referenced in this approving resolution shall be submitted to the Inspection Department with the building permit application(s) and
15. Per Section 13.13 of the Livonia Zoning Ordinance, this approval is valid for one (1) year from the date of approval by the City Council. Unless a building permit is obtained, this approval shall be null and void after the one (1) year period.

ATTACHMENTS

1. S120224 LTC Petition 2024-10-08-07, Zax Auto Wash
2. 2024-10-08-07_E-COUCIL Pkt

APPROVED BY



Mark Taormina, Planning and Economic Development Director

Date: November 18, 2024



Maureen Miller Brosnan, Mayor

Date: November 21, 2024

Petition 2024-10-08-07 submitted by Zax Auto Wash, requesting approval of all plans required by Sections 3.11 and 13.13 of the Livonia Zoning Ordinance, as amended, to reconfigure the parking lot and drive-thru facilities and remodel the exterior of the existing car wash at 36001 Plymouth Road, located on the south side of Plymouth Road, between Levan Road and Yale Street, in the Northeast ¼ of Section 32.

CITY OF LIVONIA, MICHIGAN
APPLICATION FOR SITE PLAN REVIEW & APPROVAL

All petitions for Site Plan Approval shall be filed with the City Planning Commission,
33000 Civic Center Drive, Livonia, MI 48154-3097.

For filing fee see computation below

Date Filed: _____ Petition 2024-10-08-07

Site Address: 36001 Plymouth Rd. Sidwell _____

Requesting Approval to _____

Applicant: Jeff Klatt Business/Company: Krieger Klatt Architects, Inc.

Applicant's Address: 400 E Lincoln, Suite A City: Royal Oak State: MI Zip Code: 48067

Applicant's Phone # (248) 414-9270 Applicant's Email jeff@kriegerklatt.com

Contact Person: Rachel Wightman Business/Company: Krieger Klatt Architects, Inc.

Contact's Address: 400 E Lincoln, Suite A City: Royal Oak State: MI Zip Code: 48067

Contact's Phone # (248) 414-9270 Contact's Email rachel@kriegerklatt.com

Please provide the following information:

- 1) **Site Plan** showing:
 - property dimensions, including road right-of-way & building setback lines
 - foot print of building(s), including dimensions & square footage
 - all easements, protective walls, sidewalks & existing trees
 - any significant topographic features (existing or proposed)
 - parking layout, including type of surface material, sizes of spaces & aisles
 - method used in calculating parking requirement
 - location of light standards servicing parking lot & cutout showing type & height
 - location of trash receptacle, including description of screening
 - location of signs (if proposed must submit separate sign application)
- 2) **Detailed Landscape Plan** including:
 - listing or labeling of all planted materials as to type and size
 - areas to be fully irrigated
 - percentage of landscaping provided (15% of total site required)
- 3) **Building Elevation Plan** depicting:
 - architectural quality
 - wall section & detail plan - exterior building materials must be labeled (i.e. brick, thin brick, E.F.I.S.)
 - all visible rooftop mechanical equipment and how they will be screened
- 4) **General Floor Plan** showing:
 - floor layout
 - entrances & exits
 - restaurants are required to illustrate seating arrangement & capacity
- 5) **One (1) set of reduced plans** (i.e. site, landscape, elevation, floor) a maximum 11" x 17" in size, or digital file in a pdf format either on CD or emailed to: planning@livonia.gov
- 6) **Legal Description** of the property to be considered (Clearly Printed)
- 7) One (1) completed application form & three (3) sets of full-size drawings

You are invited and encouraged to review your proposal with the Planning Department staff. Only one set of preliminary drawings will be necessary for this analysis.

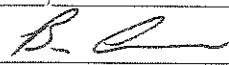
FEE COMPUTATION

<u>5,560</u> sq. ft. of new construction x \$20.00 per 1,000 sq. ft.	\$600.00
(NOTE: Round off to nearest 1,000)	+ \$120.00
Total Amount Due \$	<u>\$720.00</u>

Owner of Property: MCW Livonia LLC

Owner's Address: 199 Pierce St City: Birmingham State: MI Zip Code: 48009

Owner's Phone # 248 940-5940 Owner's Email ~~bammoriaequity.com~~ bammori@ammoriequity.com

Signature of Owner:  Print Name: Brendan Ammori

UNAPPROVED MINUTES

1

MINUTES OF THE 1,222nd PUBLIC HEARINGS AND REGULAR MEETING HELD BY THE CITY PLANNING COMMISSION OF THE CITY OF LIVONIA

On Tuesday, November 12, 2024, the City Planning Commission of the City of Livonia held its 1,222nd Public Hearing and Regular Meetings in the Livonia City Hall, 33000 Civic Center Drive, Livonia, Michigan.

Mr. Ian Wilshaw, Chairman, called the meeting to order at 7 p.m.

Members present:	Wafa Dinaro	David Bongero	Sam Caramagno
	Glen Long	Peter Ventura	Ian Wilshaw

Members absent: None

Mr. Jacob Uhazie, Assistant Planning Director, and Stephanie Reece, Program Supervisor, were also present.

Chairman Wilshaw informed the audience that if a petition on tonight's agenda involves a rezoning request, this Commission makes a recommendation to the City Council who, in turn, will hold its own public hearing and make the final determination as to whether a petition is approved or denied. The Planning Commission holds the only public hearing on a request for preliminary plat and/or vacating petition. The Commission's recommendation is forwarded to the City Council for the final determination as to whether a plat is accepted or rejected. If a petition requesting a waiver of use or site plan approval is denied tonight, the petitioner has ten days in which to appeal the decision, in writing, to the City Council. Resolutions adopted by the City Planning Commission become effective seven (7) days after the date of adoption. The Planning Commission and the professional staff have reviewed each of these petitions upon their filing. The staff has furnished the Commission with both approving and denying resolutions, which the Commission may, or may not, use depending on the outcome of the proceedings tonight.

ITEM #5 PETITION 2024-10-08-07

Zax Car Wash

Mr. Caramagno, Secretary, announced the next item on the agenda, Petition 2024-10-08-07 submitted by Zax Auto Wash, requesting approval of all plans required by Sections 3.11 and 13.13 of the Livonia Zoning Ordinance, as amended, to reconfigure the parking lot and drive-thru facilities and remodel the exterior of the existing car wash at 36001 Plymouth Road, located on the south side of Plymouth Road, between Levan Road and Yale Street, in the Northeast ¼ of Section 32.

Mr. Uhazie: The current site is 1.37 acres in size and currently zoned C-2 (General business). The property has about 150 feet of frontage on Plymouth Road. Along Plymouth Road to the east and west are zoned C-2. A portion along Elmira Street on the west is zoned P for parking. South and southeast of the petition site is zoned N1 (Neighborhood). The petitioner has submitted updated drawings since the last time we met. The proposal includes removing the Quick Change automotive bays on the east side of the building, reconfiguration of the drive through lanes and parking, remodeling the exterior of the existing building. The existing car wash and Quick Change building is one story and about 6,855 square feet. After the proposed remodel the remaining building would be 5,560 square feet. The overall dimensions of the new car wash would be 43 feet by 153 feet. Access to the site is provided via two access points. The existing driveways would remain in place. The drive to the east would provide ingress into the car wash lane, and the drive to the west would provide egress back to Plymouth Road. The drive through has two service lanes, which will provide access to the car wash. The lanes commence along the east side of the property. A proposed attendant booth is located to the west of the pay stations. The cars would stack and then loop around the north from the south side of the building, where the facilities entrance would be. The new curbs would delineate the car wash service lanes from access to parking areas. Beyond the pay stations the service lanes would taper to form a single drive aisle to manage vehicles as they enter the facility. As customers exit the car wash, they can either leave the site utilizing the western driveway onto Plymouth Road or remain on the property by turning left along a short drive aisle that loops back to access the facilities parking lot and vacuums. The existing bypass service lanes would be moved north, closer to the building, and four angled employee parking spaces would be added to the rear of the site. Existing vacuum stations located at the southern edge of the site would be removed. Eleven parking spots spaces would be added to the west of the building, each with a dedicated vacuum station. The floor plan shows the layout of the automated auto wash and existing office and restrooms. The floor plan states that all existing doors and windows would remain. The provided elevations, one of the service bay doors will be removed, and the remaining door would be centered. Elevation plans show the auto wash service doors would be surrounded by dark metal panels, with the addition of a tower measuring 23 feet and nine inches, made of aluminum metal panels and a new parapet with a height of 17 feet, also made of dark metal panel. The west side of the front

the west side of the front building wall would have a new infill window. The rest of the building would consist of existing CMU block and photophilic metal panels surrounded by the existing parapet. The elevation plans show one wall sign on the building, but sizing is not listed in the submitted plans. The ordinance requires parking of at least 20 spaces for auto wash establishments. The site plan shows 11 parking stalls within the parking lot on the west side of the building, which are equipped with the self-service vacuum stations. The spaces would measure 12 feet in width, allowing from allowing additional room for consumers to customers to maneuver the vacuum equipment around the vehicles for easier access. There are an additional four employee spaces for this for a site total of 14 spaces. The deficiency of parking would require a waiver from City Council for the parking requirements. A dumpster enclosure is shown on the southwest corner of the site accessible via the bypass lane. A 17-foot wide turn around access area is provided across the dumpster to allow garbage truck maneuvering. No other details are provided for the dumpster enclosure. The updated landscape plan shows 13 shrubs would screen the dumpster enclosure and Section 10.03 requires three full size trees, one ornamental and 22 shrubs along Plymouth Road. The landscape plan shows three full size trees, one ornamental and 22 shrubs. Open space requirements require 14 trees and landscaping. In the landscaping plan shows 15 trees listed. The zoning ordinance also requires a six-foot-high masonry wall or opaque fence with or without 20-foot-wide green belt buffer with one tree per 20 linear feet subject to City Council review and approval. Currently, a six-foot high masonry wall is along the entire length of the South property line, and 14-foot trees are along the fence line. So just a note from our previous meeting, it's essentially the same plan, just reversing where the entrance and exit are and what side the parking is located on. With that, Mr. Chairman, I can read out the departmental correspondence.

Mr. Wilshaw: Yes, please.

Mr. Uhazie: The first item is from the Engineering Division, dated October 28, 2024, which reads as follows: *"In accordance with your request, the Engineering Division has reviewed the above referenced petition. We have no objections to the proposed waiver use at this time, but would like to note the following items: 1. The subject parcel is assigned the address of range of #35989 to #36001 Plymouth Road, with the address of #36001 Plymouth Road being assigned to the overall parcel. 2. The existing parcel is currently serviced by public sanitary sewer and*

water main, and storm sewer. The submitted drawings does not include any proposed utility information, but we do not believe there will be any adverse impacts to the existing systems with the proposed improvements. 3. Although the drawings do not indicate any utility alterations, it should be noted the any proposed development may be required to provide storm water improvements and detention per the Wayne County Stormwater Ordinance. Permitting for storm water activities will be through the Wayne County Department of Public Services. 4. Any disturbances with the Plymouth Road right-of-way will require permits through MOOT, including drive approach and/or sidewalk removals and placements.” The letter is signed by David W. Lear, P.E., Assistant City Engineer. The next letter is from the Livonia Fire & Rescue Division, dated October 30, 2024, which reads as follows: “ This office has reviewed the site plan submitted in connection with a request to renovate an existing commercial building on property located at the above referenced address. We have no objections to this proposal. A further detailed plan review will take place when this division receives an official plan set.” The letter is signed by Brian Kukla, Fire Marshal. The next letter is from the Division of Police, dated October 28, 2024, which reads as follows: “I have reviewed the plans in connection with the petition. I have no objections to the proposal.” The letter is signed by Paul Walters, Sergeant, Traffic Bureau. The next letter is from the Inspection Department, dated November 5, 2024, which reads as follows: “Pursuant to your request, the above-referenced Petition has been reviewed. 1. Signage has not been reviewed. Any excess number or size of signage will require a variance from the Zoning Board of Appeals. This Department has no further objections to this Petition.” The letter is signed by Jerome Hanna, Director of Inspection. That is the extent of the correspondence.

Mr. Wilshaw: All right. Thank you, Mr. Uhazie. Is there any questions for our planning staff? I don't see anything. Our petitioner is in the audience. Feel free to come forward to our podium. You can tell us about your site plan improvements. Good evening.

Rachel Wightman, Krieger Klatt Architects, Royal Oak, Mi
Brendan Ammori, Michigan Car Wash., DBA Zax Auto Wash

Jamie Antonevic, Atwell in Michigan. I'll answer the site plan questions. We got people for any other questions you might have. I guess, a quick note on the layout, you know, based on our evaluation circulation, we made that adjustment, mirrored it. It also provides some additional buffering from the vacuums from the

UNAPPROVED MINUTES

5

residential so, you know, there's other improvements with that change.

Mr. Wilshaw: Okay, very good. Let's see if there's any questions for you on this petition. Is there any questions for our petitioner?

Mr. Droze: One question that I had, and I don't know the answer to it, but the barrier free space is kind of doubling as one of the vacuum spots. Does there need to be one for the employees too?

Mr. Antonevic: I would say this is very typical for our car wash clients to have the barrier space incorporated with vacuums. There isn't a requirement to have a separate space for an employee ADA space. The rear location probably wouldn't be the best spot for that as well. So, yeah, I guess those are my thoughts on that requirement based on, you know, other car washes we deal with.

Mr. Droze: Okay, thank you.

Mr. Wilshaw: That's a good question. Mr. Droze. Any other questions?

Mr. Droze: One, yeah, one additional one. At our study session, we talked about the Plymouth Road Development Authority, kind of the knee walls and the fencing that we see throughout but it's much less prevalent on the western side of the city, sure There are some, but I noticed it wasn't on the plan, so maybe speak to that, and would you be willing to add it?

Mr. Antonevic: That was a discussion that we had, you know, following that meeting. You know, based on the location in the city along Plymouth Road, you know, there are costs for the walls. I guess there'd be hooping some discussion, maybe additional landscaping, but you know additional costs for the walls were something we weren't willing to add at this time.

Mr. Droze: Okay, thank you.

Mr. Wilshaw: All right. Thank you. Any other questions for our petitioner?

Mr. Wilshaw: if no one has any questions, I'll ask a couple. I've never seen, at least as far as I can recall, a car wash that has this sort of inverted flow traffic flow, sort of a I guess I would call it clockwise flow of traffic as opposed to counterclockwise. Have you done this on other properties?

UNAPPROVED MINUTES

6

- Mr. Antonevic: Yeah. I mean the circulation, I guess, just depends on the site we were working with, and the access points. You know, here, to reach the building either side was viable and, you know, the traffic between the vacuums and the car wash is low enough that the movements, you know, would be acceptable.
- Mr. Wilshaw: Okay, I don't see any particular immediate concern about it. The only thing I think is, I'm guessing the reason, most of the time we see a counterclockwise flow of traffic as in that way, as a person surrounding the corner from, say, the pay station into the car wash, it's on the driver's side as they're making a tight turn, so they have better visibility of that turn.
- Mr. Antonevic: Yeah, that would be the main reason they would do that. We have decent maneuverability here, to make that less of a concern where, let's say smaller footprint or tighter site, you know that becomes more important.
- Mr. Wilshaw: And I do appreciate that you're doing this to try to mitigate some of the noise concerns over the vacuum. So, I appreciate that. The other question I had was the dumpster...I'm gonna take Mr. Caramagno's thunder here...the dumpster enclosure. You have a truck to come service that will have to essentially come into a driveway that's marked as exit only on the site plan, and kind of drive against traffic. I assume that that dumpster is probably not going to be serviced in the middle of the day when there's cars there, but how are you going to manage that?,
- Mr. Atonevic: Correct. I mean, based on the limited collection, we view that as an acceptable option there. It's against traffic for bypass use, but, you know, be coordinated, not to be during busy hours. That way it doesn't conflict with, you know, people stacking to enter that is a two-way drive. So, it can accommodate it a little better than the east side, and it gets the dumpster away from the residential side as well, even though collections aren't as frequent as they might be at a place that would generate more trash.
- Mr. Wilshaw: Okay, well, thank you for that answer. I'll leave it to our dumpster expert, if there's any additional questions,
- Mr. Caramagno: You have that turnout where the garbage truck can back into. If you clock that dumpster 90 degrees, and you just did it with the flow of the traffic, it can dump and drive right out. You wouldn't even need that asphalt turnaround.

Mr. Atnonevic: Which location, I guess, 90 to what?

Mr. Caramagno: To the driveway, so, if you clocked it, so when you're coming in the east driveway, come around the east driveway, hit that thing, back up and go right out, you wouldn't even need the asphalt.

Mr. Atnonevic: I guess I would maybe have to see where you were proposing that.

Mr. Wilshaw: The one Mr. Caramagno, I believe, is discussing, is to turn your dumpster to the right, 90 degrees to the right, which would then allow a truck...

Mr. Atnonevic: Your saying to face the drive coming around.

Mr. Caramagno: Have the dumpster gate face east.

Mr. Atnonevic: I just have a little concern about the width of that drive for a trash truck. It's something we could evaluate if the location is otherwise acceptable.

Mr. Caramagno: Location, to me, looks good, but it saves you the asphalt on the turn around there and driving against the grain of traffic. But just a couple comments you might want to look at.

Mr. Wilshaw: Thank you, Mr. Caramagno, for those insights. Is there any other questions or comments to our petitioner? Anyone in the audience wish to speak on this item? if not, anything else you'd like to say before we make our decision? All right. We appreciate your team being here today for this meeting. And with that, a motion is in order.

On a motion by Caramagno, seconded by Bongero, and unanimously adopted, it was

#10-61-2024 **RESOLVED**, That the City Planning Commission does hereby recommend to the City Council that Petition 2024-10-08-07 submitted by Zax Auto Wash, requesting approval of all plans required by Sections 3.11 and 13.13 of the Livonia Zoning Ordinance, as amended, to reconfigure the parking lot and drive-thru facilities and remodel the exterior of the existing car wash at 36001 Plymouth Road, located on the south side of Plymouth Road, between Levan Road and Yale Street, in the Northeast ¼ of Section 32., be approved subject to the following conditions:

1. The Site Plan, identified as C03, dated October 11, 2024, prepared by Atwell Group, is approved and shall be adhered to.
2. The hours of operation shall be limited to the following: Monday through Saturday from 7:00 a.m. to 8:00 p.m. and Sunday from 9:00 a.m. to 6:00 p.m.
3. The Landscape Plan identified as L-1, dated November 5, 2024, prepared by Allen Design, are approved and shall be adhered to.
4. All disturbed lawn areas, including road rights-of-way, shall be sodded instead of hydroseeding.
5. Underground sprinklers shall be installed for all landscaped and sodded areas. All planted materials shall be installed to the satisfaction of the Inspection Department and permanently maintained in a healthy condition.
6. The Exterior Elevations Plan, identified as A.200 and A.300, dated October 11, 2024, prepared by Krieger Klatt Architects, is approved and shall be adhered to.
7. All rooftop mechanical equipment shall be concealed from public view on all sides by screening, consisting of material compatible in color with other exterior materials on the building.
8. The three walls of the trash dumpster area shall be constructed out of building materials that complement the building, and the enclosure gates shall consist of opaque and durable steel or composite panels.
9. All light fixtures shall not exceed a height of twenty feet (20') and shall be aimed and shielded to minimize stray light trespassing across property lines and glaring onto adjacent roadways. All exterior lights shall be turned off or dimmed between 8:30 p.m. and 7:30 a.m.
10. The Inspection Department shall review the existing concrete wall along the south property line and, if needed, be brought up to the Zoning Ordinance's current specifications.

11. Only conforming signage is approved with this petition, and any additional signage shall be separately submitted for review and approval by the Zoning Board of Appeals.
12. No LED light band or exposed neon shall be permitted on this site, including, but not limited to, the building or around the windows.
13. Unless approved by the Inspection Department, any type of exterior advertising, such as promotional flags, streamers, or sponsor vehicles designed to attract the attention of passing motorists, shall be prohibited.
14. The plans referenced in this approving resolution shall be submitted to the Inspection Department with the building permit application(s) and
15. Per Section 13.13 of the Livonia Zoning Ordinance, this approval is valid for one (1) year from the date of approval by the City Council. Unless a building permit is obtained, this approval shall be null and void after the one (1) year period.

Mr. Wilshaw: Is there any discussion?

Mr. Wilshaw, Chairman, declared the motion is carried and the foregoing resolution adopted. It will go on to City Council with an approving resolution.

M - 2

PLYMOUTH ROAD

C2

36071

36069

36009
36007

35789

35841

C2

P

N 1

ELMIRA STREET

N 1

35971

35969

35947

35935

35923

35911

35899

35887

35875

35863

35851

35839

35694

35972

35960

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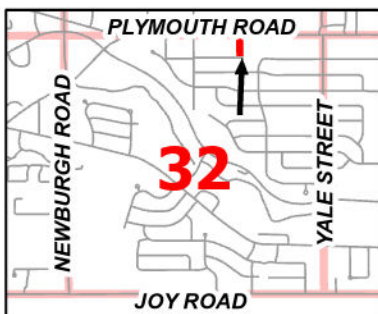
35864

35852

35840

35828

35814



Address & Zoning Map

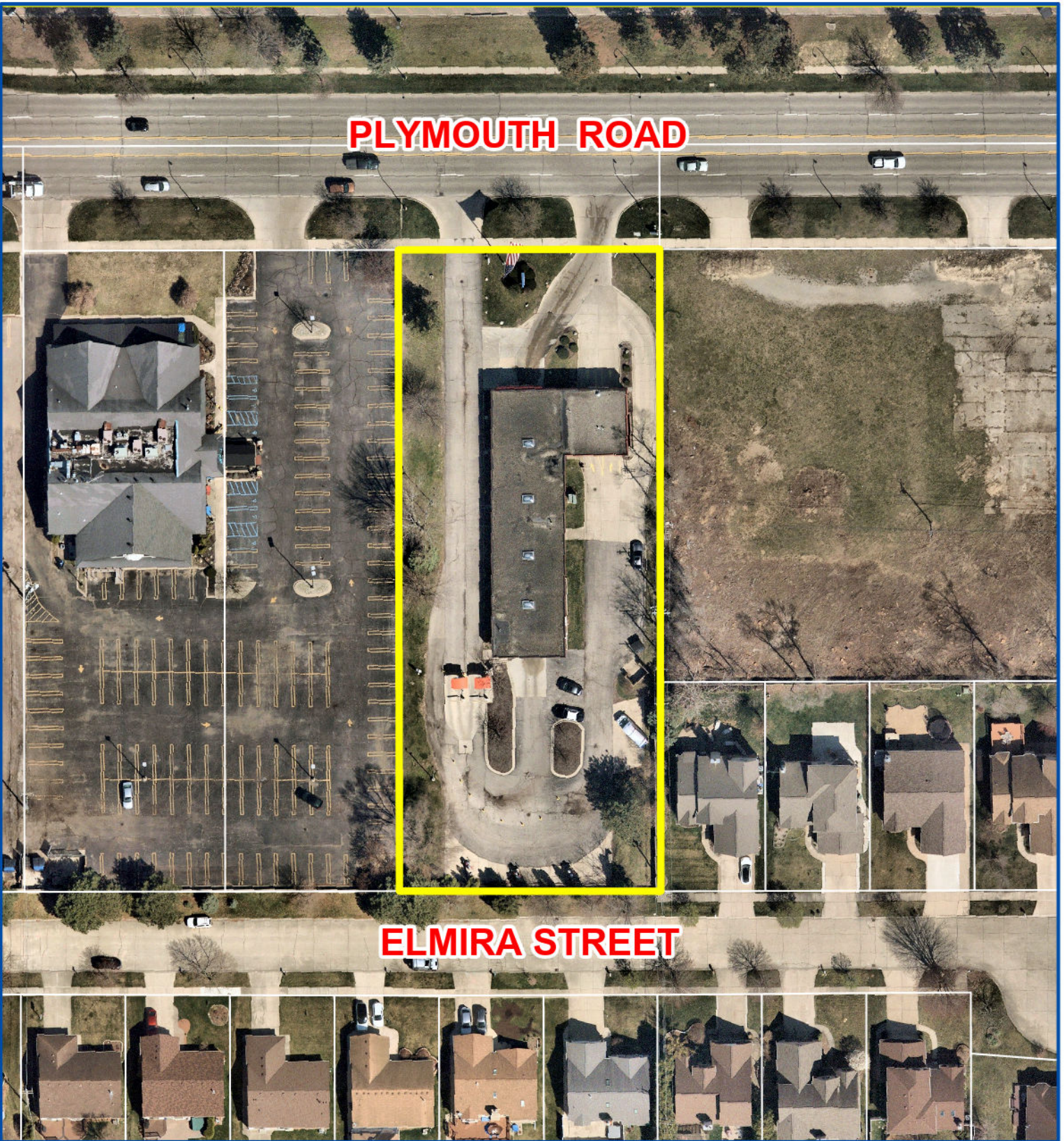
Petitions 2024-10-08-07
Zax Auto Wash Remodel
36001 Plymouth Road



Not to Scale

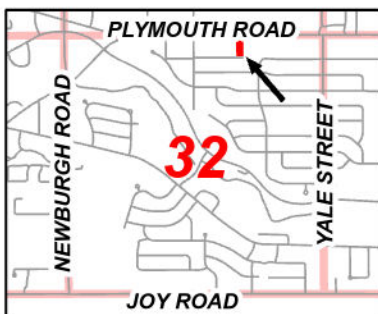


City of Livonia
Planning Department



Aerial Map

Petitions 2024-10-08-07
Zax Auto Wash Remodel
36001 Plymouth Road



Not to Scale



City of Livonia
Planning Department

PLANNING COMMISSION STAFF NOTES

MISCELLANEOUS

ITEM 5

Petition 2024-10-08-07 submitted by Zax Auto Wash, requesting approval of all plans required by Sections 3.11 and 13.13 of the Livonia Zoning Ordinance, as amended, to reconfigure the parking lot and drive-thru facilities and remodel the exterior of the existing car wash at 36001 Plymouth Road, located on the south side of Plymouth Road, between Levan Road and Yale Street, in the Northeast ¼ of Section 32.

October 29, 2024: Study Meeting:

This petition involves a proposal to renovate and re-purpose the existing Zax Auto Wash on Plymouth Road, between Levan Road and Yale Street. The proposal includes removing the (2) quick change automotive bays on the east side of the building, reconfiguration of the drive thru lanes and parking, and remodeling the exterior of the existing building. The existing car wash and quick-change building is one-story in height and about 6,855 square feet. After the proposed remodel the remaining building would be 5,560 -square-foot. The overall dimensions of the new carwash would be 43' by 153'.

The site is 1.37 acres in size and currently zoned C-2, General Business. The property has about 150 feet of road frontage on Plymouth Road. Along Plymouth Road to the east and west are zoned C-2, with a portion along Elmira Street on the west zoned P, Parking, while south and southeast of the petition site is zoned N1, Neighborhood.

The site contains two (2) access points, the drive to the west provides ingress into the car wash line and oil change lanes and the drive to the east provides egress back to Plymouth Road. The existing driveways would remain in place.

Two (2) service lanes would provide access to the carwash. The lanes commence along the east side of the property, maneuvering east and then looping north around to the south side of the building where the facility's entrance would be located. A proposed attendant booth is located to the east of the pay stations. New curbs would delineate the car wash service lanes from access to parking areas. Beyond the pay stations, the service lanes taper to form a single drive aisle to manage vehicles as they enter the facility. As customers exit the car wash, they can either leave the site utilizing the eastern driveway onto Plymouth Road or remain on the property by turning right along a short drive aisle that loops back around to access the facility's parking lot and vacuums.

The existing bypass service lanes would be moved north, closer to the building and four (4) angled employee parking spaces would be added to the rear of the site. The existing vacuum stations located at the southern edge of the site would be removed. Ten (10) parking spaces would be added to the east of the building, each with a dedicated vacuum station. The two pay stations would remain along with the bypass lane.

The submitted floor plan shows the layout of the automated auto wash facility, existing office and restrooms. The floor plan states that all existing doors and windows would remain.

MISCELLANEOUS

ITEM 5 Petition 2024-10-08-07 – Zax Auto Wash

Page 2

The ordinance requires at least twenty (20) parking spaces for auto wash establishments. The site plan shows (10) parking stalls within the parking lot on the west side of the building equipped with self-serve vacuum stations. The spaces would measure twelve feet (12') in width, allowing some additional room for customers to maneuver the vacuum equipment around the vehicles for easier access. There are an additional four employee spaces for a site total of fourteen (14).

Elevation plans shows at the auto wash service doors would be surrounded by dark metal panels, with the addition of a tower, measuring 23'-9" made of aluminum metal panels and a new parapet with a height of 17' also made of dark metal panel. The east side of the front building wall would have a new infill window. The rest of the building would consist of existing CMU block with phenolic metal panels surrounding the existing parapet.

A dumpster enclosure is shown at the southeast corner of the site along accessible via the bypass lane. A seventeen foot (17') wide turn around access area is provided across the dumpster enclosure to allow garbage truck maneuvering. No other details are provided for the dumpster enclosure.

For landscaping, Section 10.03 requires three (3) full-size trees, one (1) ornamental tree, and twenty-two (22) shrubs along Plymouth Road. The plan shows three (3) full-size trees, one (1) ornamental tree, and twenty-two (22) shrubs. Open space landscaping requires fourteen (14) trees and the landscape plan shows fifteen (15).

Where the site abuts residential to the south, the Zoning Ordinance requires a six-foot (6') high masonry wall or opaque fence with or without a twenty-foot (20') wide greenbelt buffer, with one (1) tree per twenty (20) linear feet (minimum of 50% evergreen trees), subject to City Council review and approval. Currently, a six-foot (6') high masonry wall is along the entire length of the south property line.

The Elevations Plan shows one (1) wall signs on the building, but sizing is not listed in the submitted plans. Any signage over what is permitted by the sign ordinance would require a variance from the Zoning Board of Appeals.

36001 Plymouth Rd, Livonia MI 48510

2120 E. 11 Mile Rd. | Royal Oak, MI 48067
P: 248.414.9270 F: 248.414.9275
www.kriegerklatt.com

199 Pierce St. —
Birmingham, MI
48009

Livonia, MI 48510

1. Partial demolition of existing building
2. Reworking of existing site.
3. Updated exterior facade.

Ammori Equity Partners
199 Pierce St.
Birmingham, MI 48009
P.248.940.5940

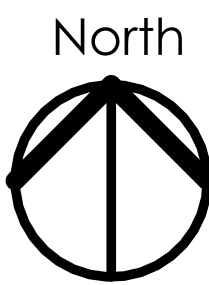
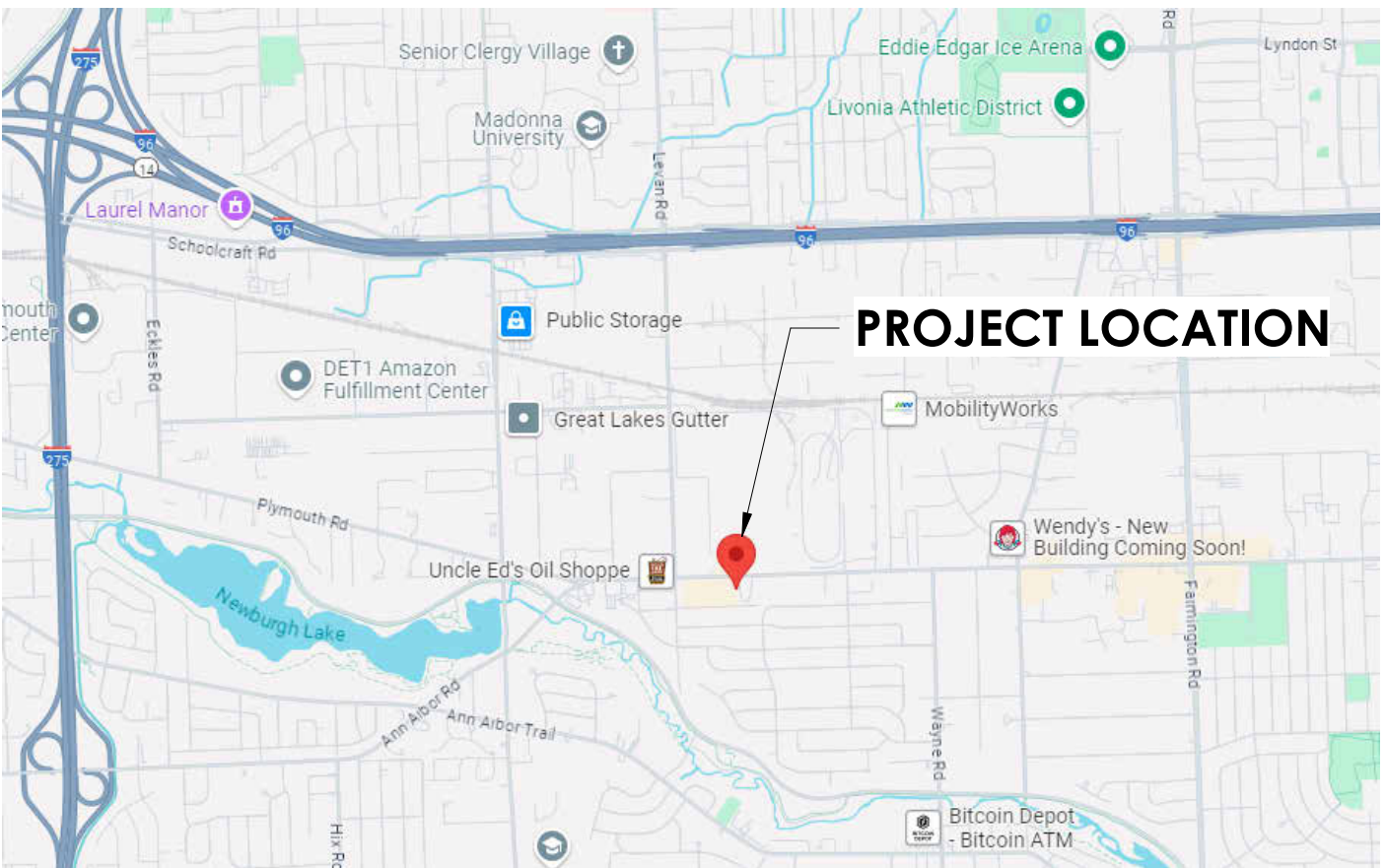
Krieger | Klatt Architects Inc.
(Jeff Klatt, RA)
400 E. Lincoln Ave. Ste. A
Royal Oak, MI 48067
P.248.414.9270

Atwell LLC
12745 23 Mile Rd, Suite 200
Shelby Twnp., MI 48315
P.586.786.9800

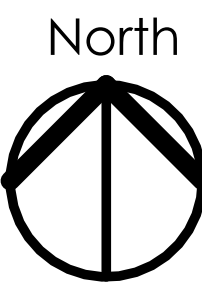
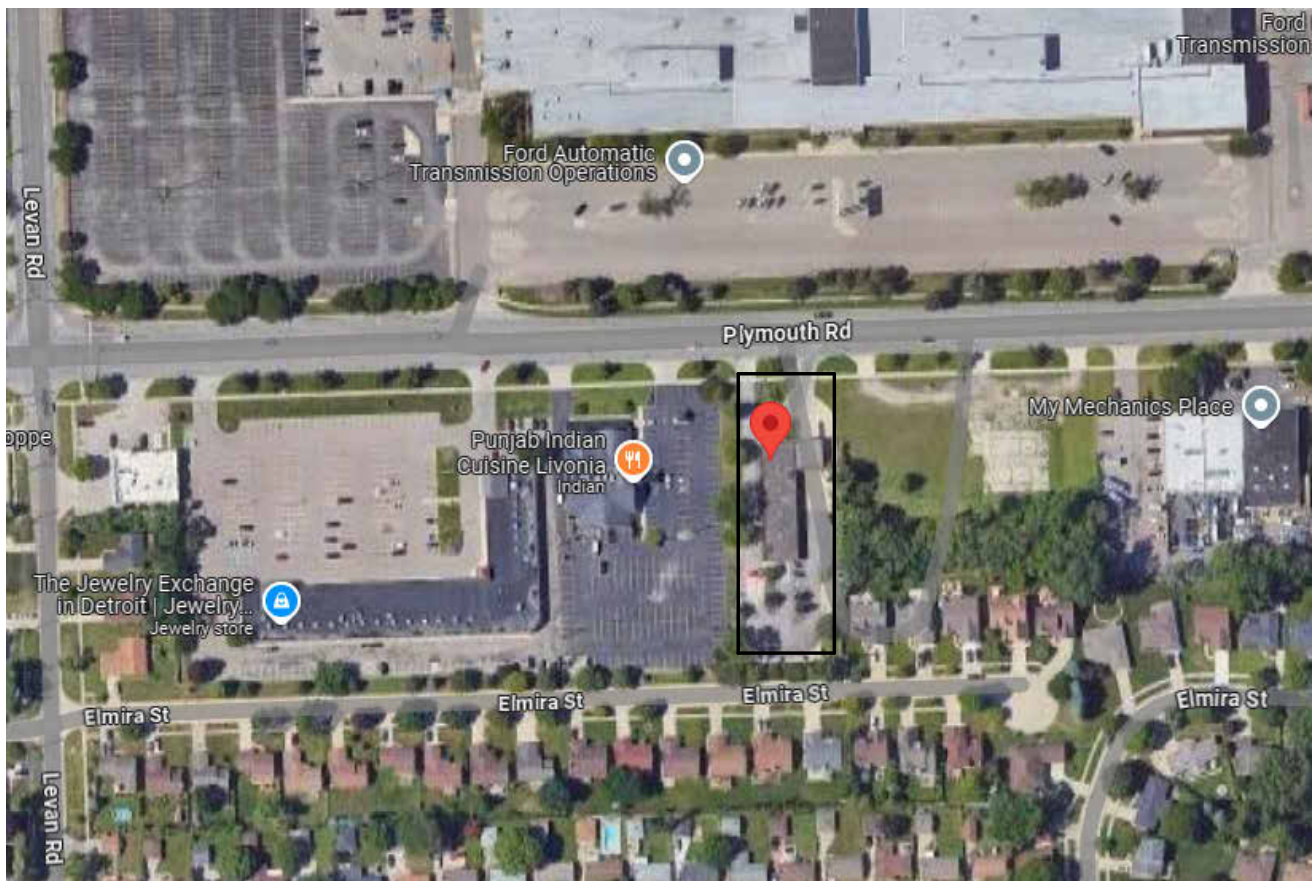


NTS

Sheet Index	
Sheet Number	Sheet Name
01 - General	
G.001	Cover Sheet
02 - Civil	
ALTA	Survey Certificate
C01	Cover Sheet
C02	Demolition Plan
C03	Layout Plan
C04	Boundary & Topographic Survey
L-1	Landscape Plan
L-2	Landscape Details
03 - Architecture	
A.100	Floor Plan
A.200	Exterior Elevations
A.201	Exterior Elevations
A.300	Exterior Renderings



Location Map



Aerial Map

[illegible]

Do not scale drawings. Use
calculated dimensions only.
Verify existing conditions in
field.

Cover Sheet

Project Number

G.001

TITLE COMMITMENT INFORMATION

THE PROPERTY HEREON DESCRIBED IS THE SAME AS THE PERTINENT PROPERTY AS DESCRIBED IN OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, COMMITMENT FILE NO.: 2-706550, WITH AN EFFECTIVE DATE OF NOVEMBER 7, 2023 AT 8:00 A.M.

TITLE COMMITMENT INFORMATION

THE PROPERTY HEREON DESCRIBED IS THE SAME AS THE PERTINENT PROPERTY AS DESCRIBED IN OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, COMMITMENT FILE NO.: 2-706550 WITH AN EFFECTIVE DATE OF NOVEMBER 7, 2023 AT 8:00 A.M.

Located in the City of Livonia, County of Wayne, State of Michigan, and is described as follows:

Part of the Northeast 1/4 of Section 32, Town 1 South, Range 9 East, described as: Beginning at a point on the South line of Plymouth Road, distant South 89 degrees 00 minutes 00 seconds East 871.40 feet and South 01 degrees 04 minutes 00 seconds West 33.00 feet from the North 1/4 corner of Section 32 and proceeding along the South line of Plymouth Road, South 89 degrees 00 minutes 00 seconds East 150.00 feet, thence South 01 degrees 04 minutes 00 seconds West 397.22 feet, thence North 88 degrees 32 minutes 00 seconds West 150.00 feet, thence North 01 degrees 04 minutes 00 seconds East 396.00 feet to the point of beginning.

NOTES CORRESPONDING TO SCHEDULE B

- 10 Pole Line Permit in favor of The Detroit Edison Company as set forth in instrument recorded in **Liber 4426, Page 274**. DOCUMENT IS NOT LEGIBLE.
- 11 Right of Way to Michigan Bell Telephone Company, as set forth in instruments recorded in **Liber 15410, Page 685** and in **Liber 18486, Page 27**. SHOWN HEREON.
- 12 Right of Way to The Detroit Edison Company and Michigan Bell Telephone Company as set forth in instrument recorded in **Liber 18034, Page 97**. DOCUMENT IS NOT LEGIBLE.

FLOOD INFORMATION

FLOOD NOTE: BASED ON MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AVAILABLE ONLINE, AT WWW.MSC.FEMA.GOV, AND BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS LOCATED IN ZONE "X" ON FLOOD INSURANCE RATE MAP NUMBER 2616302010E, WHICH BEARS AN EFFECTIVE DATE OF 02/02/2012 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA. BY REVIEWING FLOOD MAPS PROVIDED BY THE NATIONAL FLOOD INSURANCE PROGRAM WE HAVE LEARNED THIS COMMUNITY DOES PARTICIPATE IN THE PROGRAM.

LEGEND

- UTILITY VAULT
- UTILITY METER
- UTILITY BOX
- UTILITY RISER
- UTILITY MANHOLE
- UTILITY MARKER SIGN
- UTILITY POLE
- GUY ANCHOR
- LIGHT POLE
- TRANSFORMER
- ELECTRIC VAULT
- ELECTRIC METER
- ELECTRIC BOX
- ELECTRIC RISER
- ELECTRIC MANHOLE
- ELECTRIC MARKER SIGN
- CATV VAULT
- CATV BOX
- CATV RISER
- CATV MANHOLE
- CATV MARKER SIGN
- FIBER OPTIC VAULT
- FIBER OPTIC BOX
- FIBER OPTIC RISER
- FIBER OPTIC MANHOLE
- FIBER OPTIC MARKER SIGN
- GAS VALVE
- GAS METER
- GAS MANHOLE
- GAS MARKER SIGN
- SANITARY SEWER MANHOLE
- SEWER CLEAN OUT
- STORM SEWER MANHOLE
- GRATE INLET
- CURB INLET
- DROP INLET
- IRRIGATION CONTROL VALVE
- TELEPHONE VAULT
- TELEPHONE BOX
- TELEPHONE RISER
- TELEPHONE MANHOLE
- TELEPHONE MARKER SIGN
- TRAFFIC SIGNAL POLE
- TRAFFIC SIGNAL BOX
- TRAFFIC SIGNAL VAULT
- FIRE HYDRANT
- FIRE RISER
- FIRE DEPARTMENT CONNECTION
- WATER VALVE
- WATER VAULT
- WATER MANHOLE
- WATER MARKER SIGN
- WATER CONNECTION
- MONITORING WELL
- GREASE TRAP
- VENT PIPE
- AIR CONDITIONER
- MAILBOX
- GROUND LIGHT
- BOLLARD
- GATE MOTOR
- KEY PAD
- PARKING METER
- PET WASTE CONTAINER
- SIGN
- HANDICAP PARKING
- FLAG POLE
- RAILROAD CROSSING
- MONUMENT FOUND (AS NOTED)
- MONUMENT SET (AS NOTED)
- MONUMENT NOT FOUND OR SET
- R.O.W. MONUMENT
- CONCRETE
- WALL
- PARKING STRIPE
- SCHEDULE "W" ITEM NO.
- POSSIBLE ENCROACHMENT
- CALCULATED CALL
- RECORD CALL
- MEASURED CALL
- RIGHT-OF-WAY
- POINT OF BEGINNING
- POINT OF COMMENCEMENT
- CABLE TELEVISION
- ELECTRIC
- FIBER OPTIC
- GAS
- SANITARY SEWER
- STORM SEWER
- TELEPHONE
- WATER
- COVERED AREA
- TRASH ENCLOSURE
- LANDSCAPE AREA
- BUILDING HEIGHT LOCATION
- CENTER LINE
- ADJOINING PROPERTY LINE
- BUILDING SETBACK LINE
- EASEMENT LINE
- PROPERTY LINE
- CHAIN LINK FENCE
- WOOD FENCE
- WIRE FENCE
- IRON FENCE
- RAILROAD
- OVERHEAD UTILITY LINE
- UNDERGROUND CABLE TV LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND FIBER OPTIC LINE
- UNDERGROUND GAS LINE
- UNDERGROUND SANITARY SEWER LINE
- UNDERGROUND STORM SEWER LINE
- UNDERGROUND TELEPHONE LINE
- UNDERGROUND WATER LINE

NORTH 1/4 CORNER OF SECTION 32
P.O.C.

S89°00'00"E 871.40'(M/R)
(BASIS OF BEARING)

S01°04'00"W 33.00'(M/R)

PLYMOUTH RD
VARIABLE WIDTH ASPHALT-120' PUBLIC R/W

S89°00'00"E 150.00'(M/R)

N01°03'58"E 395.99'(M/R)

S01°04'00"W 397.22'(M/R)

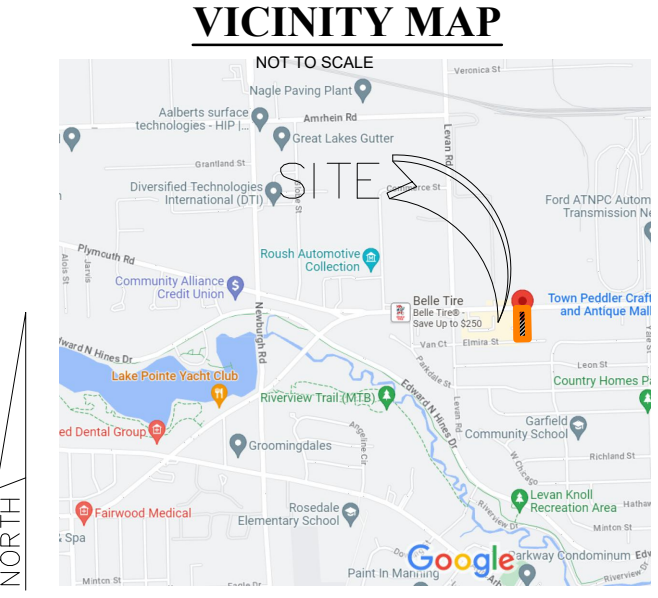
CORE PROPERTY MANAGEMENT LLC
PARCEL ID: 46-125-990-011-008

ZAX LIVONIA LLC
PARCEL ID: 46-125-990-010-003

ELMIRA STREET

1" = 30'
GRAPHIC SCALE

BASIS OF BEARINGS
THE BASIS OF BEARINGS SHOWN HEREON IS S89°00'00"E BEING THE NORTH LINE OF SECTION 32.



SHEET 1 OF 1

BBG NO.
0523106918

LAND AREA
59,490 SQUARE FEET
1.37 ACRES

PARKING
REGULAR = 5
HANDICAP = 0
TOTAL = 5

STATEMENT OF ENCROACHMENTS

THERE APPEARED TO BE NO ENCROACHMENTS AT THE TIME OF THE SURVEY

GENERAL NOTES

- NO UNDERGROUND UTILITIES ARE SHOWN ON THIS SURVEY, ONLY ABOVE GROUND VISIBLE EVIDENCE OF UTILITIES ARE SHOWN.
- ALL STATEMENTS WITHIN THE CERTIFICATION, AND OTHER REFERENCES LOCATED ELSEWHERE HEREON, RELATED TO UTILITIES, IMPROVEMENTS, STRUCTURES, BUILDINGS, PARTYWALLS, PARKING, EASEMENTS, SERVITUDES, AND ENCROACHMENTS ARE BASED SOLELY ON ABOVE GROUND, VISIBLE EVIDENCE, UNLESS ANOTHER SOURCE OF INFORMATION IS SPECIFICALLY REFERENCED HEREON.
- THIS SURVEY MEETS OR EXCEEDS THE SURVEY STANDARDS/STANDARDS OF CARE AS SET FORTH IN SECTION 3 OF THE 2021 ALTA/NSPS SURVEY REQUIREMENTS.
- THE SUBJECT PROPERTY WAS DIRECT PHYSICAL ACCESS TO PLYMOUTH RD, A DEDICATED PUBLIC STREET OR HIGHWAY.
- THERE IS NO VISIBLE EVIDENCE OF CEMETERIES ON THE SUBJECT PROPERTY.
- THERE IS NO OBSERVABLE EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS WITHIN RECENT MONTHS.
- THE PARCEL CONTAINED IN THE LEGAL DESCRIPTION ARE CONTIGUOUS WITHOUT ANY GAPS, GORES OR OVERLAPS.
- BUILDING AREAS SHOWN HEREON ARE FOR THE FOOTPRINT OF THE BUILDING ONLY.
- NO APPARENT CHANGES IN STREET RIGHT-OF-WAY LINES EITHER COMPLETED OR PROPOSED, AND AVAILABLE FROM THE CONTROLLING JURISDICTION. NO OBSERVABLE EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS.

ALTA/NSPS LAND AND TITLE SURVEY
CAR WASH PORTFOLIO

36001 PLYMOUTH RD

WAYNE COUNTY LIVONIA, MICHIGAN

ZONING DATA

ZONING ITEM	REQUIRED	PARKING REQUIREMENTS
ZONING DESIGNATION	C-2	
MINIMUM LOT AREA (SQ. FT.)	8,000 sq ft	Auto-wash establishments and
MAX IMPERVIOUS COVERAGE	N/A	accessory gasoline pumps. At least 20
MAX BUILDING HEIGHT	35' (2 stories)	parking spaces
BUILDING SETBACKS		
FRONT	15'	
SIDE	35'	
REAR	8'	
NOTES:		CONTACT: rtaylor@bbgres.com
		REPORT DATE: October 4, 2023
		REPORT #: 0523106940

BUILDING HEIGHT
BUILDING 1: 13.0' ±

BUILDING AREA
BUILDING 1: 6,851 SQ. FT.

SURVEYED BY:

Global Land solutions
9730 N. Greenville Rd, Lakeview, Michigan 48850,
(989) 352-4000
globalandsolutions.com

SURVEYOR CERTIFICATE

To: Old Republic National Title Insurance Company; Zax Livonia, LLC, a Michigan limited liability company; MCW LIVONIA II, LLC; BBG Assessments, LLC

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, 6(a), 6(b), 7(a), 7(b)(1), 7(c), 8, 9, 13, 14, 16, 17, 20 of Table A thereof. The fieldwork was completed on 10/03/2023.

Date of Plat or Map: 10/20/2023

JAY M. SCHWANDT
STATE OF MICHIGAN
LICENSE NO.: 47974

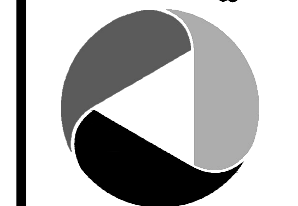


DATE	REVISION HISTORY	JOB NUMBER 2331A	PREPARED FOR:
10/20/23	COMMENTS	SCALE: 1" = 30'	BBG ASSESSMENTS, LLC
11/21/23	COMMENTS	DRAWN BY: TRS	8300 DOUGLAS AVENUE, SUITE 600
12/18/23	UPDATED TITLE	APPROVED BY: JMS	DALLAS, TEXAS 75225 877.524.1187

36001 PLYMOUTH ROAD
LIVONIA, WAYNE COUNTY, MICHIGAN
PARCEL ID: 46-125-990-010-003
SITE PLANS



C01

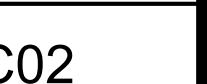
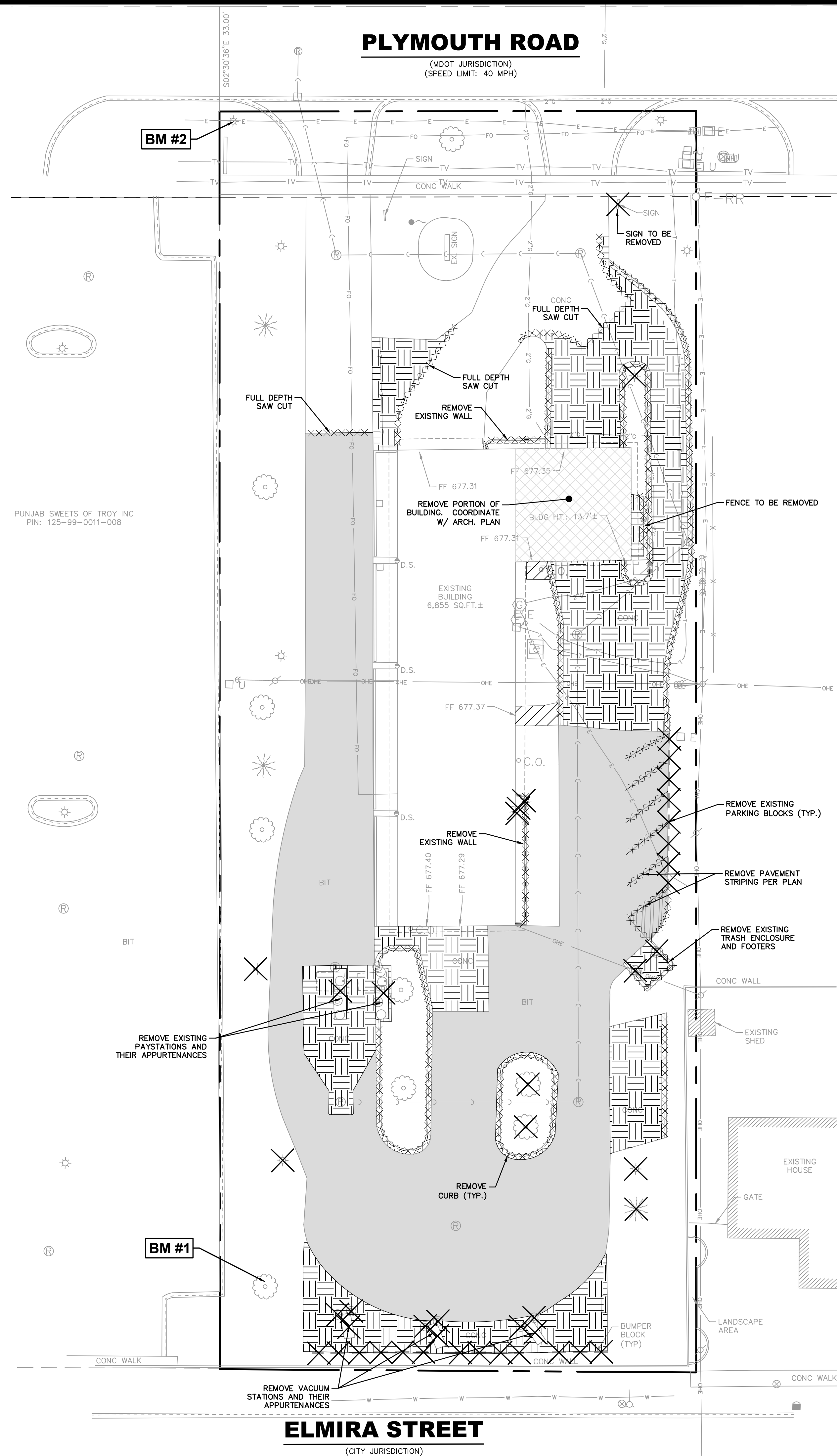
LIVONIA
WAYNE COUNTY, MICHIGAN

	PROPERTY LINE
	STORM SEWER
	SANITARY SEWER
	WATERMAIN
	UNDERGROUND DATA/TELE GAS
	BUILDING TO BE REMOVED
	ASPHALT TO BE REMOVED
	SIDEWALK TO BE REMOVED
	CONCRETE TO BE REMOVED
	ITEM(S) TO BE REMOVED

1. ANY ITEM NOT INDICATED AS BEING REMOVED SHALL REMAIN.
2. FOR ADDITIONAL INFORMATION REFERENCE THE STANDARD NOTES SHEET, STANDARD DETAILS SHEET(S), AND ANY MUNICIPALITY AND/OR JURISDICTIONAL STANDARDS ATTACHED TO THIS PLAN SET.
3. CONTRACTOR SHALL CALL "MISS DIG" AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION/DEMOLITION.
4. CONTRACTOR SHALL COORDINATE ALL UTILITY REMOVAL AND ABANDONMENT ACTIVITIES WITH LOCAL GOVERNING AGENCY OR UTILITY COMPANY PRIOR TO STARTING DEMOLITION TO INSURE COMPLIANCE WITH GOVERNING AGENCY AND UTILITY COMPANY REGULATIONS AND DOCUMENT STANDARDS.
5. CONTRACTOR RESPONSIBLE FOR COORDINATING UTILITY TERMINATIONS & OBTAINING DEMOLITION PERMIT FROM THE CITY OF LIVONIA PRIOR TO BEGINNING CONSTRUCTION.

BENCHMARK #1
SET MAG SPIKE IN NORTH FACE OF 15" TWIN ELM
TREE LOCATED NEAR SOUTHWEST PROPERTY CORNER
ELEVATION: 679.24 (NAVD88)

BENCHMARK #2
SOUTHEAST ANCHOR BOLT ON LIGHT POLE BASE
LOCATED AT NORTHWEST PROPERTY CORNER IN SOUTH
RIGHT OF WAY OF PLYMOUTH ROAD
ELEVATION: 678.65 (NAVD88)



NOT TO BE USED AS CONSTRUCTION DRAWINGS

LEGEND

	PROPERTY LINE
	RIGHT-OF-WAY
	STANDARD DUTY ASPHALT
	CONCRETE SIDEWALK
	CONCRETE
	EXISTING OVERHEAD LINE(S)
	PAINTED STOP BAR W/ STOP SIGN
	EXISTING / PROPOSED SIGN
	SIDEWALK RAMP
	PARKING ROW COUNT
	ACCESSIBLE PARKING SPACE
	EXISTING UTILITY POLE
	PROPOSED LIGHT POLE

NOTES

- REFERENCE THE STANDARD NOTES SHEET FOR ADDITIONAL INFORMATION.
- FOR ALL APPLICABLE CONSTRUCTION DETAILS REFERENCE THE STANDARD DETAILS SHEET(S) AND ANY MUNICIPAL/JURISDICTIONAL DETAILS ATTACHED TO THIS PLAN SET.
- REFERENCE THE ALTA/ACSM LAND TITLE SURVEY FOR ADDITIONAL EXISTING FEATURES AND PROPERTY BOUNDARY INFORMATION.
- ALL DIMENSIONS ARE TO EDGE OF BUILDING, FACE OF CURB, OR EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.
- REFERENCE ARCHITECTURAL / FOUNDATION PLANS FOR BUILDING DIMENSIONS.
- ALL RADII ARE 5' UNLESS OTHERWISE NOTED.
- LIGHT POLE LOCATIONS ARE SHOW FOR REFERENCE ONLY. VERIFY WITH LIGHTING VENDOR.
- ALL ITEMS NOT IDENTIFIED AS "EXISTING" SHALL BE PROPOSED.
- THE LOADING AREA WILL HAVE LIMITED USE AND WILL NOT BE A REGULAR IMPEDIMENT TO VEHICLE CIRCULATION. DELIVERIES AVERAGE ONE (1) PER MONTH OVER A TWELVE (12) MONTH PERIOD.

PROJECT NARRATIVE

THE SITE IS AN EXISTING AUTOWASH THAT WILL BE RENOVATED WITH UPDATED PAY STATIONS, CENTRAL VACUUM SYSTEM, AND BUILDING UPDATES THAT INCLUDE DEMOLITION OF A PORTION OF THE EXISTING BUILDING.

SITE DATA

PROPOSED PARCEL SUMMARY

PARCEL ID#	GROSS LOT AREA	ZONING
125-99-0010-003	±1.37 ACRES	C-2

BUILDING DATA

EXISTING FLOOR AREA	6,855 SQ.FT.
PROPOSED FLOOR AREA	5,560 SQ.FT.

EMPLOYEE PARKING DATA

PROPOSED	REQUIRED	FORMULA
4 SPACES	N/A	N/A

VACUUM & DRYING DATA

PROPOSED	REQUIRED	FORMULA
10 SPACES	N/A	N/A

CAR WASH STACKING DATA

PROPOSED	REQUIRED	FORMULA
13 SPACES	N/A	N/A

ACCESSIBLE PARKING DATA

	PROPOSED	REQUIRED	FORMULA
TOTAL	1 SPACE*	1 SPACE	1-25 TOTAL SPACES PROVIDED
VAN	1 SPACE*	1 SPACE	1/6 ACCESSIBLE SPACES

*ACCESSIBLE VACUUM SPACE IS INTENDED TO SERVE AS ACCESSIBLE SPACE

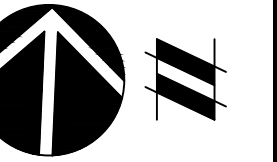
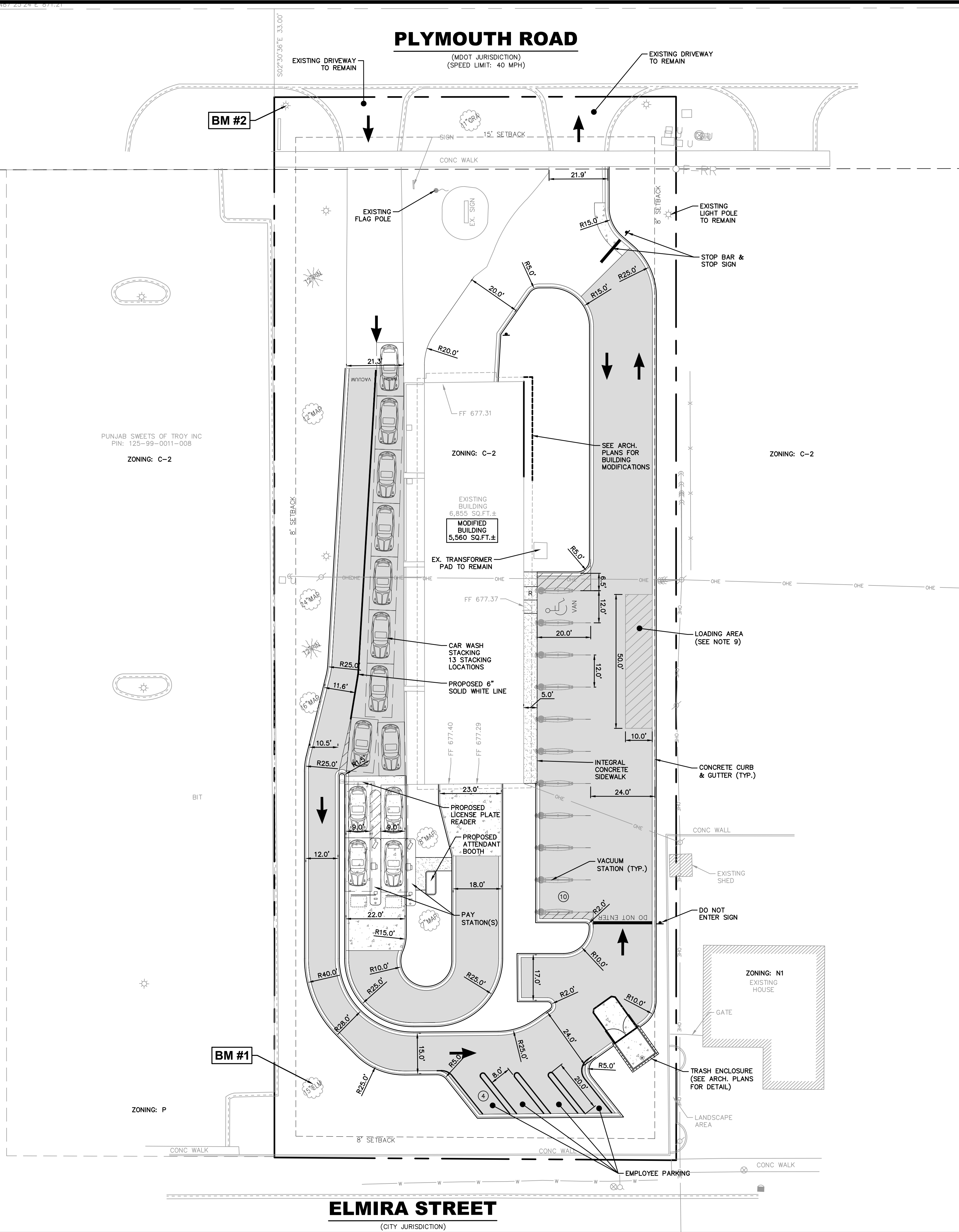
OFF-STREET LOADING & UNLOADING

PROPOSED	REQUIRED	FORMULA
1 SPACES	1 SPACES	1,401-20,000 SF

SITE BENCHMARKS

BENCHMARK #1
SET MAG SPIKE IN NORTH FACE OF 15" TWIN ELM
TREE LOCATED NEAR SOUTHWEST PROPERTY CORNER
ELEVATION: 679.24 (NAVD88)

BENCHMARK #2
SOUTHEAST ANCHOR BOLT ON LIGHT POLE BASE
LOCATED AT NORTHWEST PROPERTY CORNER IN SOUTH
RIGHT OF WAY OF PLYMOUTH ROAD
ELEVATION: 678.65 (NAVD88)



Know what's below.

Call before you dig.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTICE: CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

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ATWELL
866.850.4200 www.atwell-group.com
12716 23 MILE ROAD | SUITE 200
SHELBY TOWNSHIP, MI 48315
(586) 786-9800

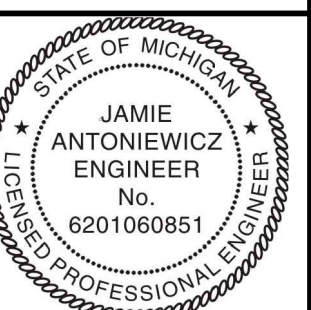


LIVONIA
WAYNE COUNTY, MICHIGAN

ZAX CAR WASH
ZAX - LIVONIA
LAYOUT PLAN

DATE
OCTOBER 10, 2024

REVISIONS/SUBMITTALS



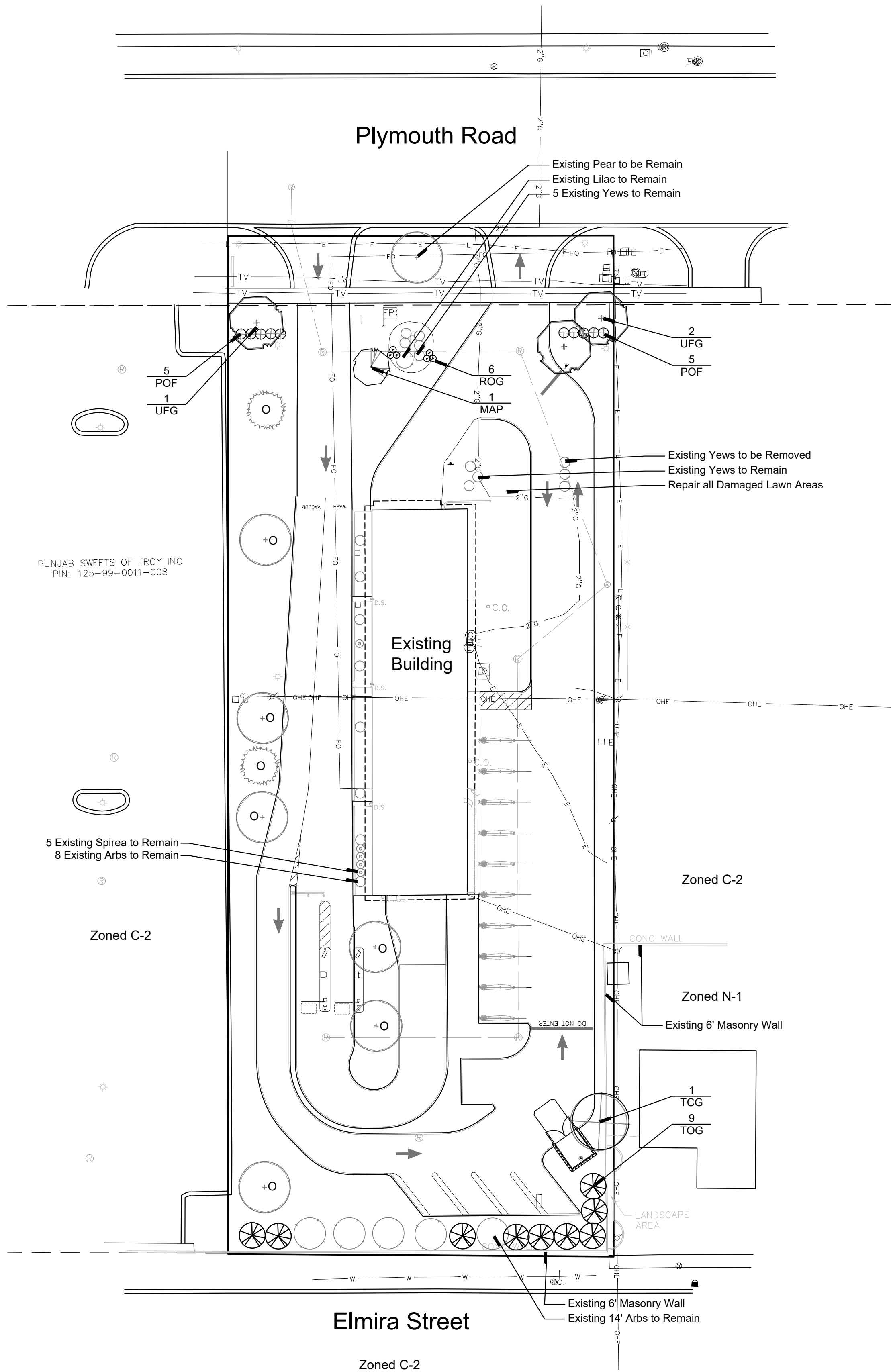
0 10 20
SCALE: 1"=20'

DRAWN BY: JA
CHECKED BY: JA
PROJECT MANAGER: JA
JOB #: 24003983.03

C03

NOT TO BE USED AS CONSTRUCTION DRAWINGS

CAD FILE: K:\24003983.03\DWG\PLAN SETS\SITE-PRELIMINARY\24003983.03-C03-L



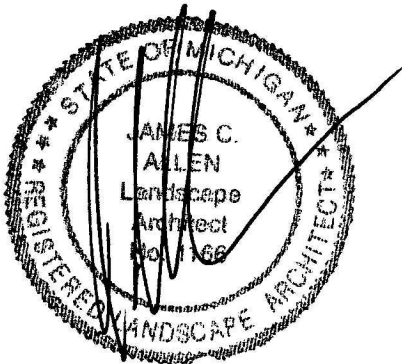
Landscape Summary

Frontage Landscaping		
Frontage Length	150 l.f.	
Less Drives	43 l.f.	
Net Frontage	107 l.f.	
Trees Required	2.6 Trees (107 / 40)	
Trees Provided	3 Trees	
Ornamental Trees Required	1 Tree (107 / 100)	
Ornamental Trees Provided	1 Tree	
Shrubs Required	21.4 Shrubs (107 / 40) x 8	
Shrubs Provided	22 Shrubs (6 Existing)	
Greenbelt Buffering		
Buffer Length	271'	
Trees Required	13.6 Trees (271 / 20)	
Trees Provided	15 Trees (5 Existing)	
Open Space Landscaping		
Open Space Area	21,340 s.f.	
Trees Required	7.1 Trees (21,340 / 3,000)	
Trees Provided	8 Trees (8 Existing)	

Plant List

sym.	qty.	botanical name	common name	caliper	spacing	root	height
Frontage Plantings							
MAP	5	Malus 'Profusion'	Profusion Crab	2.0"	as shown	B&B	
POF	10	Physocarpus opulifolius	Eastern Ninebark		as shown	cont	36"
ROG	6	Rosa 'Oso Easy Double Red'	Oso Double Red Rose		as shown	cont	#3
UFG	3	Ulmus 'Frontier'	Frontier Elm	3.0"	as shown	B&B	
	3	Trees Provided					
	1	Ornamental Trees Provided					
	16	Shrubs Provided					
Greenbelt Plantings							
TCG	1	Tilia cordata 'Greenspire'	Greenspire Linden	3.0"	as shown	B&B	
TOG	9	Thuja 'Green Giant'	Green Giant Arborvitae		as shown	B&B	8'

Seal:



Title:

Landscape Plan

Project:

Zax Car Wash
Livonia, Michigan

Prepared for:

Atwell, LLC
12745 23 Mile, Suite 200
Shelby Township, Michigan 48315

Revision:

Review

Issued:

October 11, 2024

Job Number:

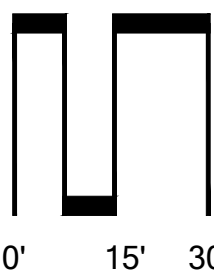
24-068

Drawn By:

jca

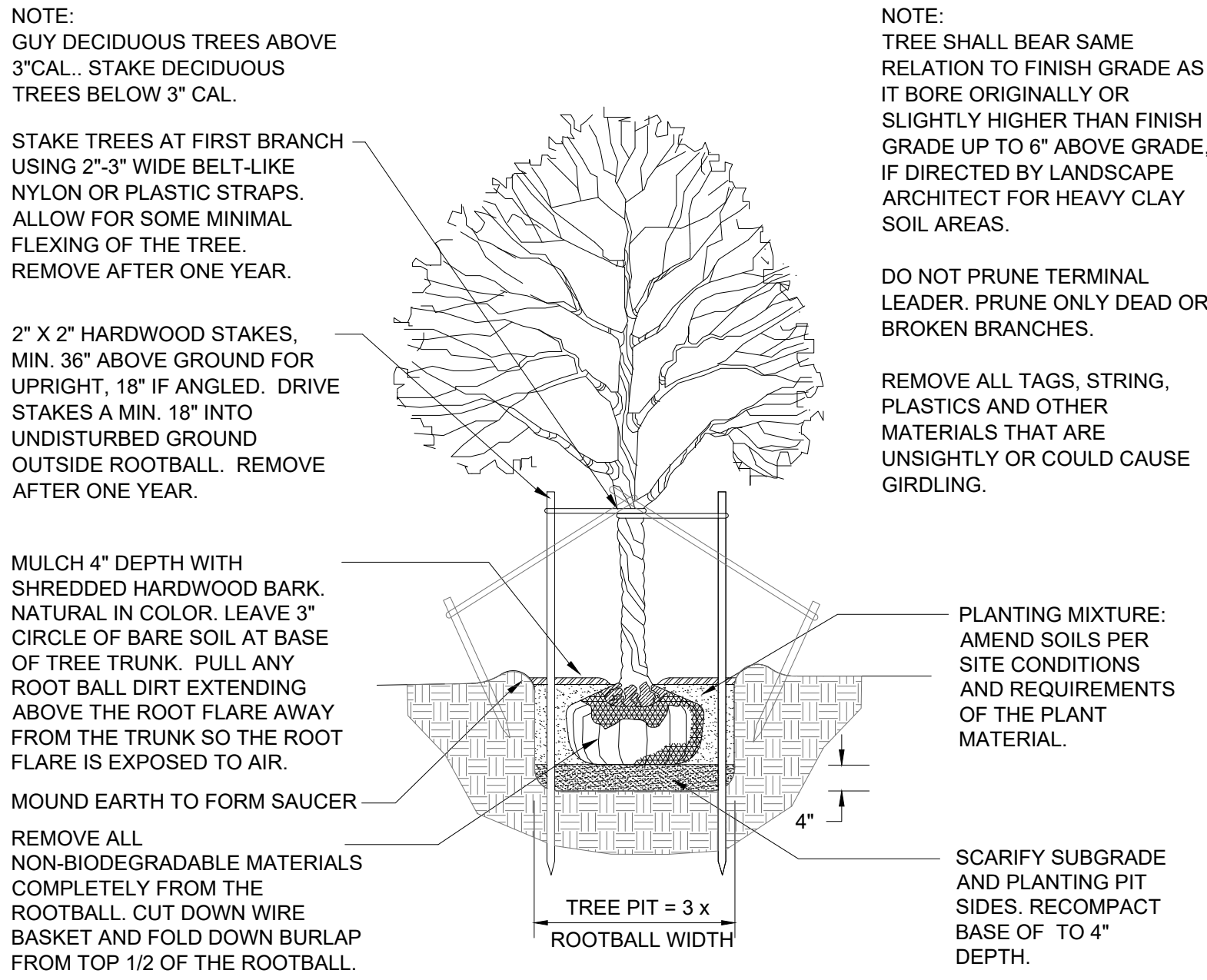
Checked By:

jca



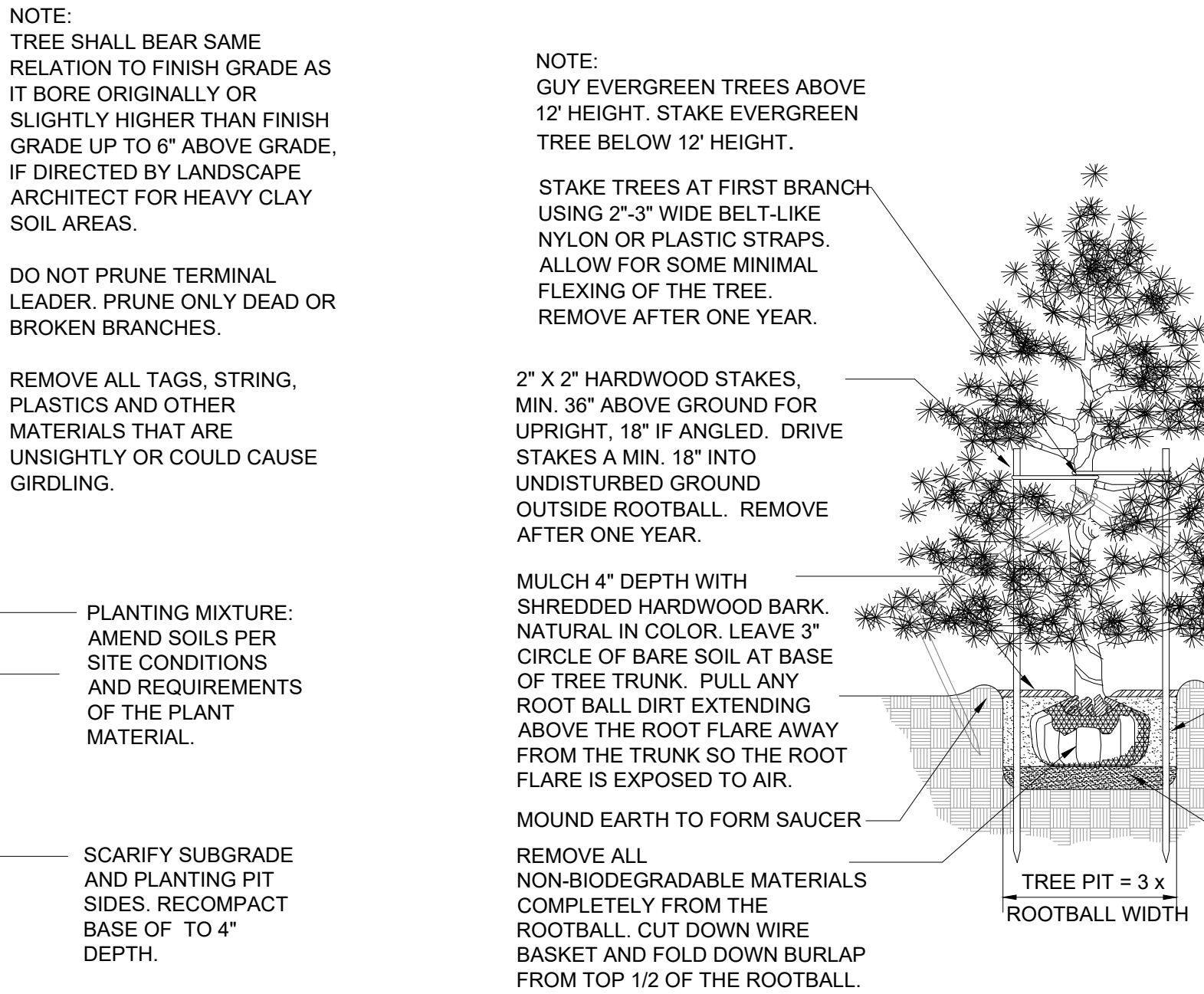
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L-1



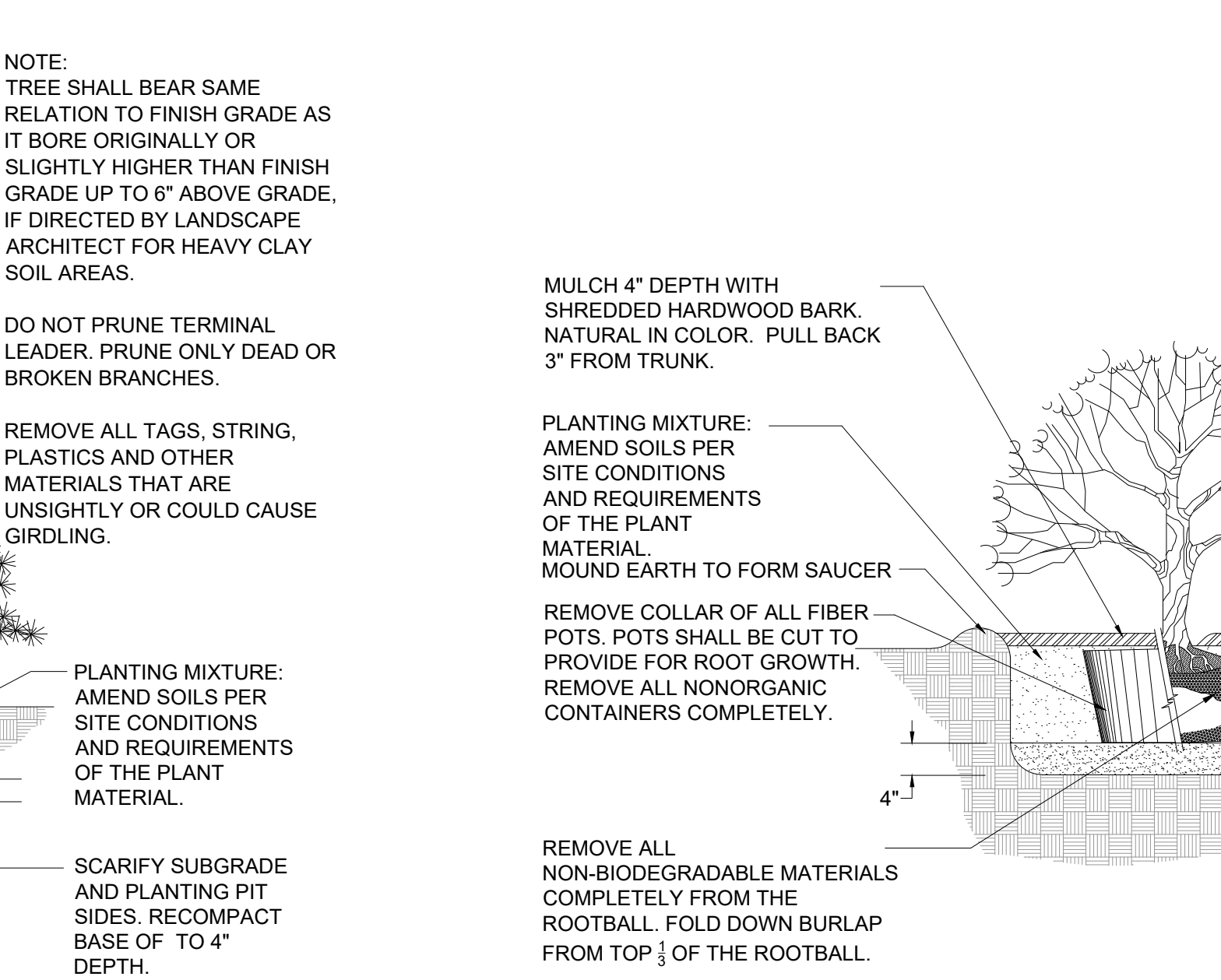
DECIDUOUS TREE PLANTING DETAIL

Not to scale



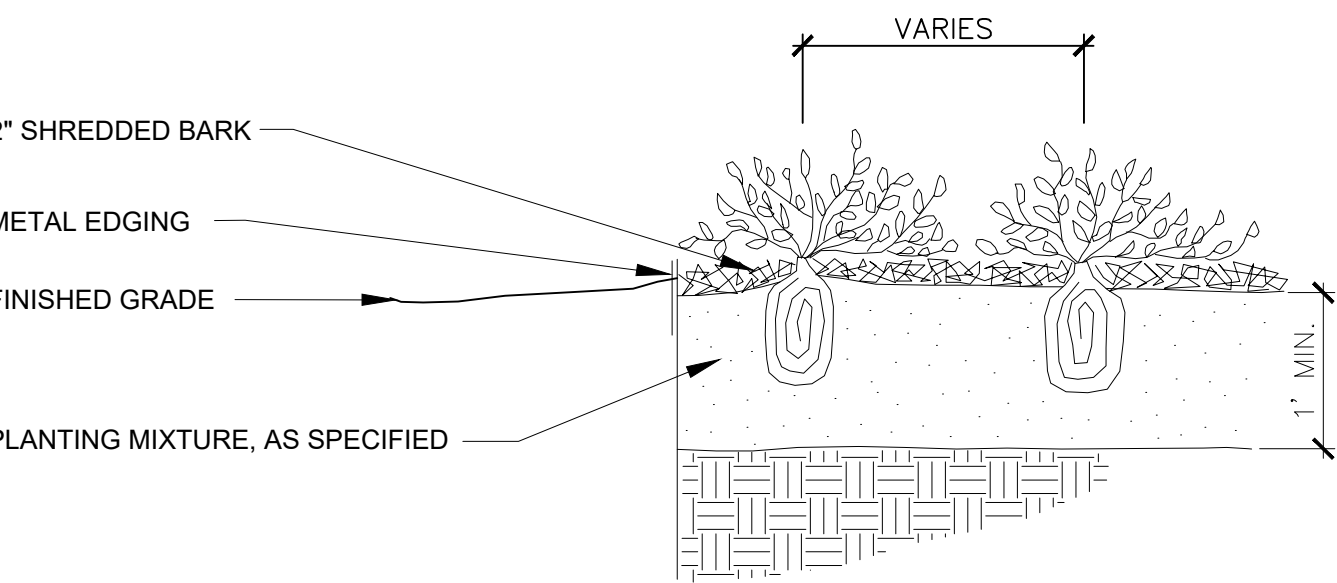
EVERGREEN TREE PLANTING DETAIL

Not to scale



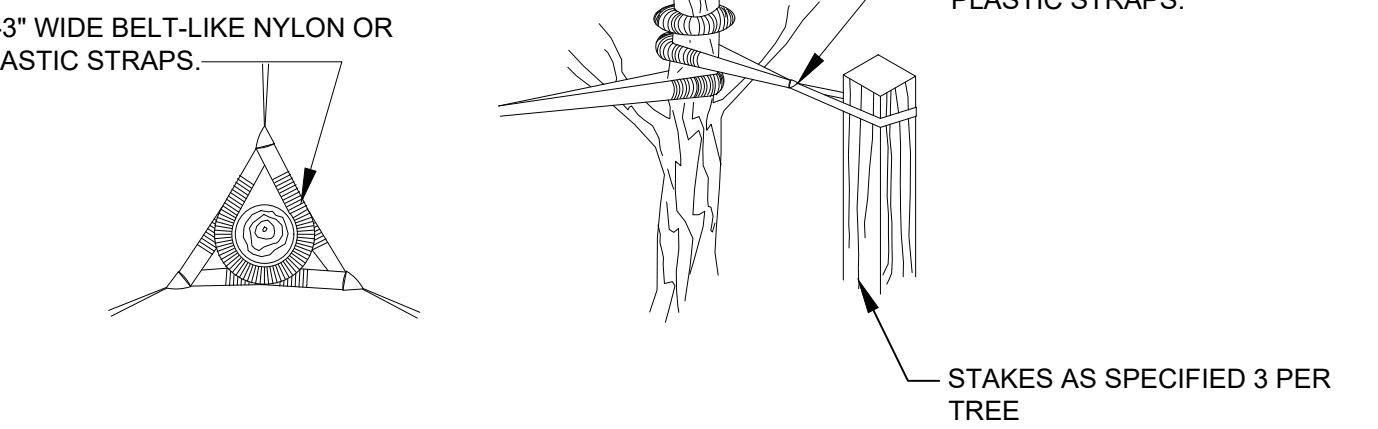
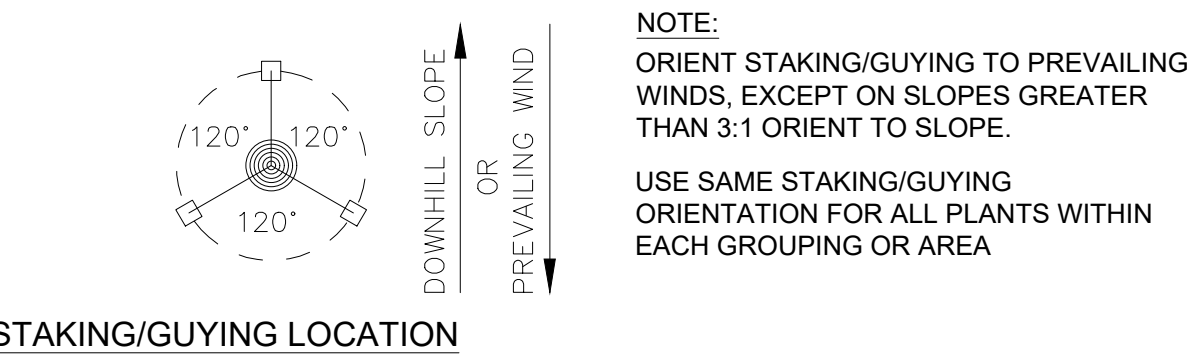
SHRUB PLANTING DETAIL

NOT TO SCALE



PERENNIAL PLANTING DETAIL

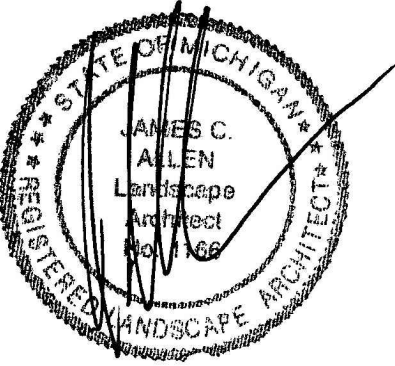
Not to scale



TREE STAKING DETAIL

Not to scale

Seal:



Title:

Landscape Details

Project:

Zax Car Wash
Livonia, Michigan

Prepared for:

Atwell, LLC
12745 23 Mile Road, Suite 200
Shelby Township, Michigan 48315

Revision:

Review

Issued:

October 11, 2024

Job Number:

24-068

Drawn By:

jca

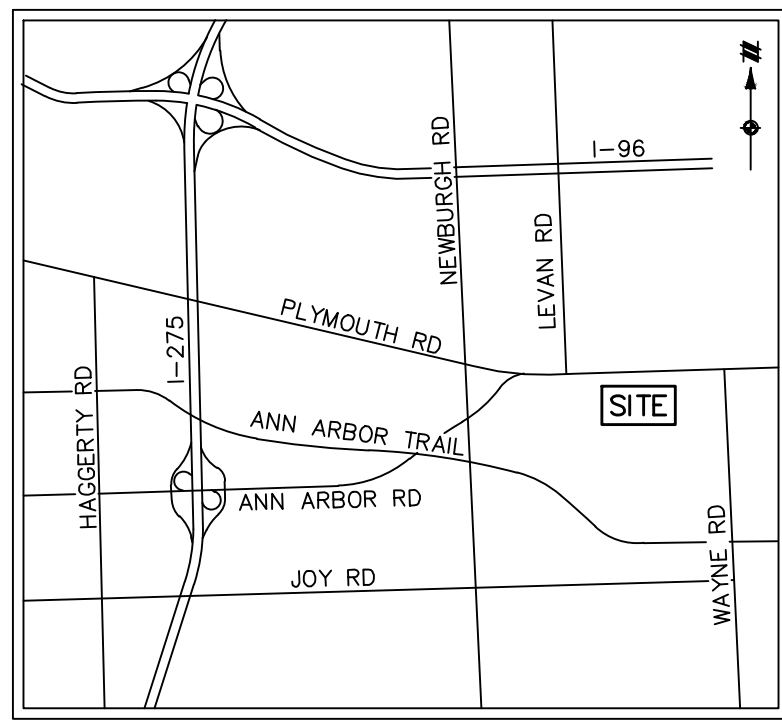
Checked By:

jca

Sheet No.



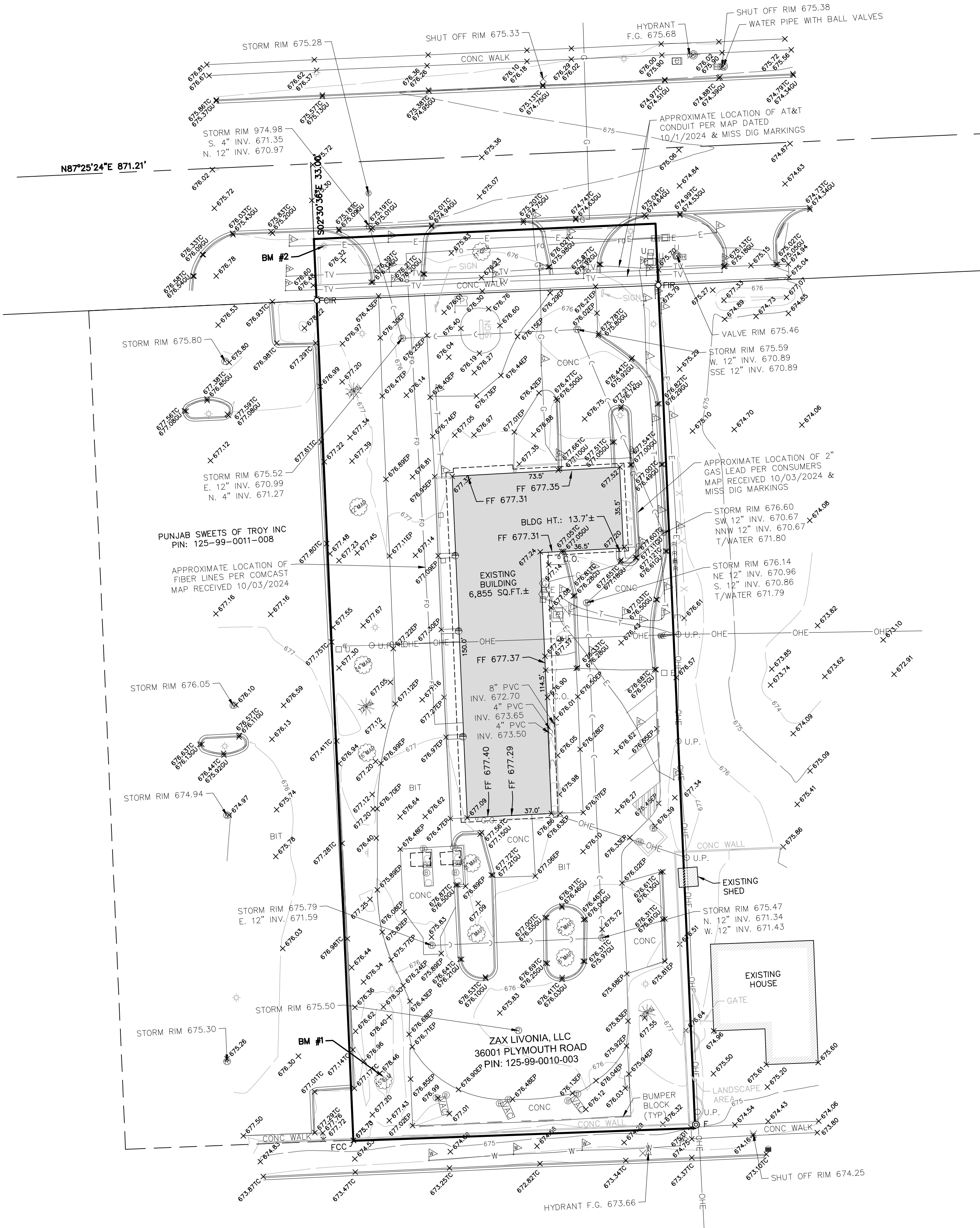
BOUNDARY & TOPOGRAPHIC SURVEY



VICINITY MAP
NOT TO SCALE

LEGEND

	SECTION CORNER
	FOUND IRON ROD
	FOUND CAPPED IRON ROD
	EXISTING UTILITY POLE
	EXISTING MANHOLE/CATCH BASIN
	EXISTING SIGN
	EXISTING TREE
	EXISTING VALVE
	EXISTING LIGHT POLE
	EXISTING ELECTRIC TRANSFORMER
	EXISTING GUY ANCHOR
	EXISTING UTILITY HANDHOLE
	EXISTING MAILBOX
	EXISTING BOLLARD
	EXISTING DOWNSPOUT
	EXISTING ELECTRIC RISER
	EXISTING CLEAN OUT
	EXISTING GAS VALVE
	EXISTING GAS METER
	EXISTING MONITORING WELL
	EXISTING TRAFFIC LIGHT POLE
	UNDERGROUND GAS MARKER
	UNDERGROUND TELEPHONE MARKER
	UNDERGROUND ELECTRIC MARKER
	EXISTING FLAG POLE
	EXISTING GROUND ELEVATION
	EXISTING CURB ELEVATION
	EXISTING GUTTER ELEVATION
	EXISTING PAVEMENT ELEVATION
	PLATTED
	MEASURED
	BOUNDARY LINE
	BOUNDARY ADJACENT LINE
	SECTION LINE
	EASEMENT LINE
	UNDERGROUND GAS LINE
	UNDERGROUND STORM LINE
	UNDERGROUND TELEPHONE LINE
	UNDERGROUND ELECTRIC LINE
	OVERHEAD UTILITY LINE
	EXISTING FENCE
	EXISTING CURB AND GUTTER
	EXISTING GROUND CONTOUR
	EXISTING BUILDING



SITE BENCHMARKS:

BM #1: SET MAG SPIKE IN NORTH FACE OF 15' TWIN ELM TREE LOCATED NEAR SOUTHWEST PROPERTY CORNER
ELEVATION: 679.24 (NAVD88)

BM #2: SOUTHEAST ANCHOR BOLT ON LIGHT POLE BASE LOCATED AT NORTHWEST PROPERTY CORNER IN SOUTH RIGHT OF WAY OF PLYMOUTH ROAD
ELEVATION: 678.65 (NAVD88)

EXHIBIT "A" DESCRIPTION PER ALTA COMMITMENT FOR TITLE INSURANCE ISSUED BY OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, COMMITMENT NO.: 2-706550, EFFECTIVE DATE: NOVEMBER 07, 2023:

PART OF THE NORTHEAST 1/4 OF SECTION 32, TOWN 1 SOUTH, RANGE 9 EAST, DESCRIBED AS: BEGINNING AT A POINT ON THE SOUTH LINE OF PLYMOUTH ROAD, DISTANT SOUTH 89 DEGREES 00 MINUTES 00 SECONDS EAST 871.40 FEET AND SOUTH 01 DEGREES 04 MINUTES 00 SECONDS WEST 33.00 FEET FROM THE NORTH 1/4 CORNER OF SECTION 32 AND PROCEEDING ALONG THE SOUTH LINE OF PLYMOUTH ROAD, SOUTH 89 DEGREES 00 MINUTES 00 SECONDS EAST 150.00 FEET; THENCE SOUTH 01 DEGREES 04 MINUTES 00 SECONDS WEST 397.22 FEET; THENCE NORTH 88 DEGREES 32 MINUTES 00 SECONDS WEST 150.00 FEET; THENCE NORTH 01 DEGREES 04 MINUTES 00 SECONDS EAST 396.00 FEET TO THE POINT OF BEGINNING.

NOTES:

- BEARINGS ARE BASED ON MICHIGAN STATE PLANE COORDINATES NAD83 (2011), SOUTH ZONE, GROUND DISTANCES, INTERNATIONAL FEET. MEASURED BEARINGS DIFFER FROM RECORD TITLE BEARINGS. VERTICAL DATUM IS BASED ON NAVD88.
- THE SITE SHOWN HEREON IS LOCATED WITHIN ZONE X (AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN) ACCORDING TO MAP NUMBER 26163C0210E OF THE FLOOD INSURANCE RATE MAP, EFFECTIVE DATE FEBRUARY 2, 2012.
- WATER MAIN, STORM SEWER, SANITARY SEWER AND FRANCHISE UTILITY STRUCTURES HAVE BEEN FIELD LOCATED WHERE VISIBLE. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED.

I HEREBY CERTIFY THAT I HAVE SURVEYED AND MAPPED THE LAND ABOVE PLATTED AND/OR DESCRIBED ON OCTOBER 3, 2024, AND THAT THE RATIO OF CLOSURE ON THE UNADJUSTED FIELD OBSERVATIONS OF SUCH SURVEY WAS NO GREATER THAN 1/5000.

JOSHUA J. BARRY
PROFESSIONAL SURVEYOR NO. 4001071256
JBARRY@ATWELL.COM
TWO TOWNE SQUARE, SUITE 700
SOUTHFIELD, MICHIGAN 48076
248.447.2000

DATE

REVISIONS	
SCALE	0 15 30
1" =	30 FEET
DR.	JR GH JB
P.M.	J. BARRY
BOOK	NA
JOB	24003983.03
SHEET NO.	1 OF 1

SECTION 32

TOWN 1 SOUTH, RANGE 9 EAST

CITY OF LIVONIA

WAYNE COUNTY, MICHIGAN

CLIENT AMMORI EQUITY PARTNERS

BOUNDARY & TOPOGRAPHIC SURVEY

LOCATED IN

DATE

10/07/2024

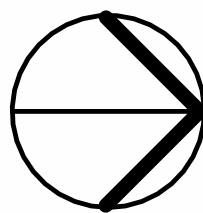
REVISIONS	
SCALE	0 15 30
1" =	30 FEET
DR.	JR GH JB
P.M.	J. BARRY
BOOK	NA
JOB	24003983.03
SHEET NO.	1 OF 1

CAD FILE: 24003983.03TP-01.DWG

Project:
Zax Car Wash Livonia
•36001 Plymouth Rd.
Livonia, MI 48510

[illegible]

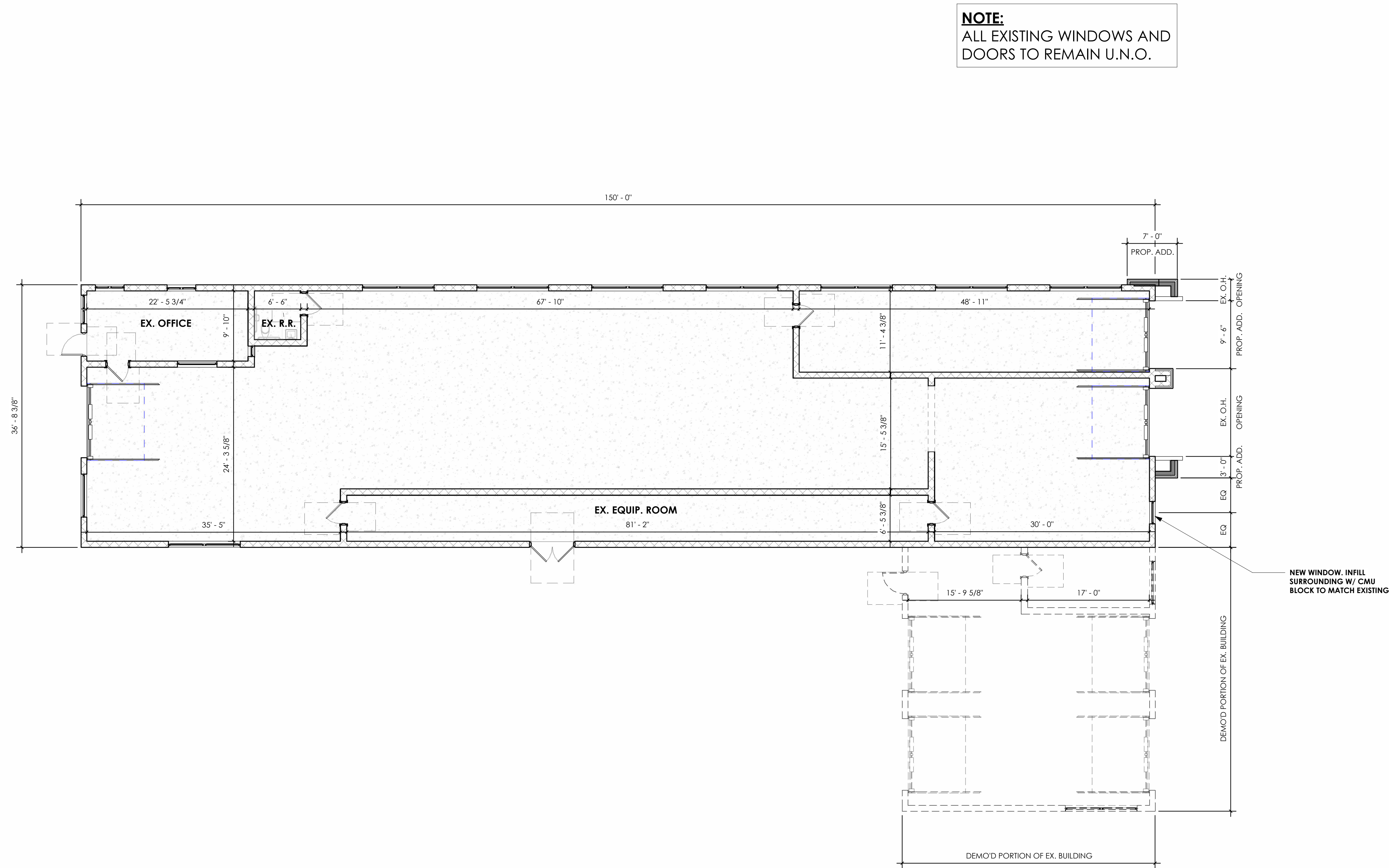
North Arrow:



Project Number: _____
Project Number

$$1/8'' = 1'-0''$$

A.100



Proposed First Floor Plan

$$1/8" = 1'-0"$$

Ammori Equity Partners

Zax Car Wash Livonia
36001 Plymouth Rd.
Livonia, MI 48510

[illegible]

Do not scale drawings. Use
calculated dimensions only.
Verify existing conditions in
field.

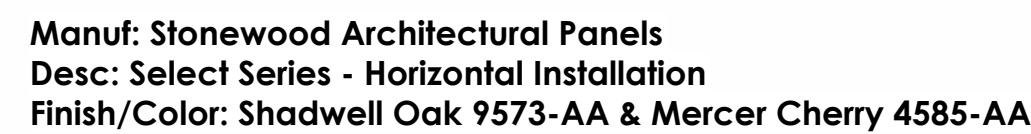
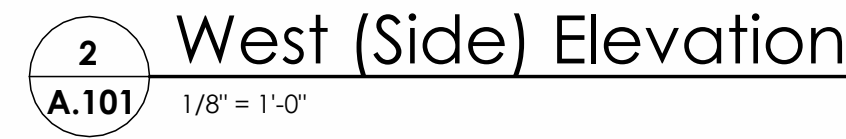
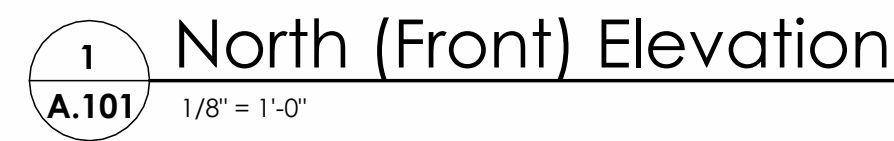
Sheet Title:

Exterior Elevations

Project Number

$$1/8'' = 1'-0''$$

A.200



Ammori Equity Partners

Zax Car Wash Livonia
36001 Plymouth Rd.
Livonia, MI 48510

[illegible]

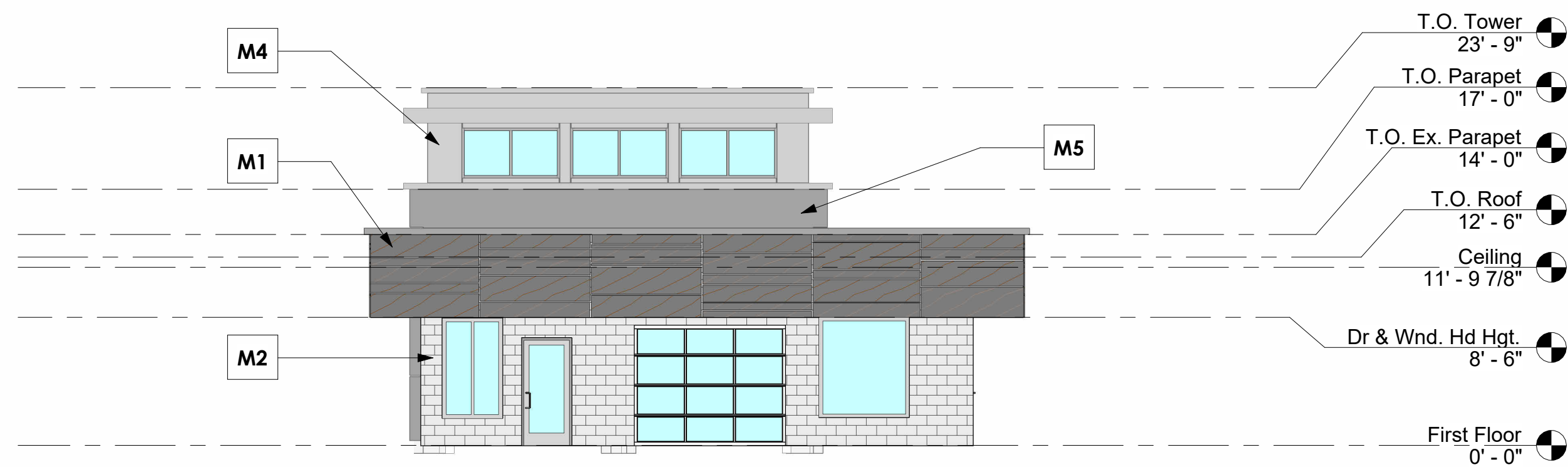
Do not scale drawings. Use
calculated dimensions only.
Verify existing conditions in
field.

Exterior Elevations

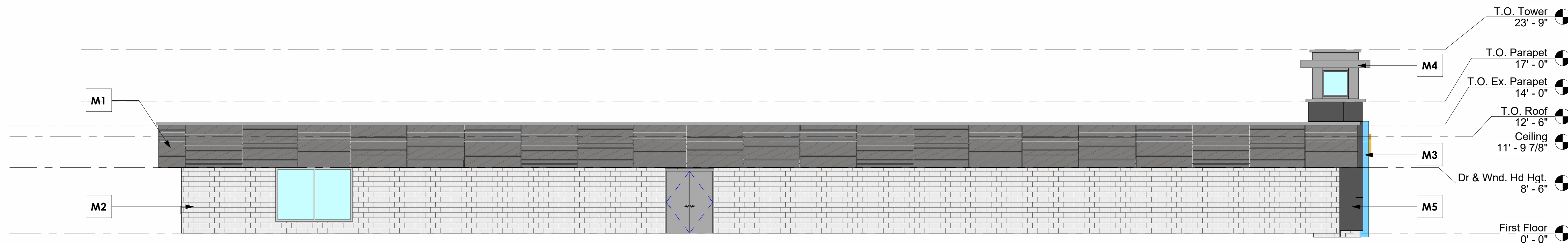
Project Number

$$1/8'' = 1'-0''$$

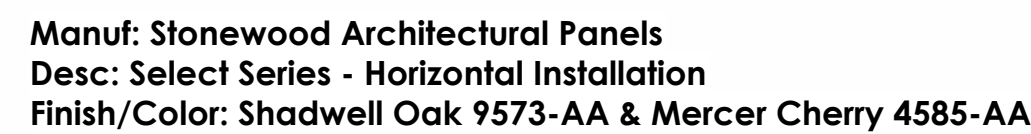
A.201



1 South (Rear) Elevation
A.101 $1/8" = 1'-0"$



2 East (Side) Elevation
A.101 1/8" = 1'-0"



Project:
Zax Car Wash Livonia
36001 Plymouth Rd.
Livonia, MI 48510

[illegible]

Sheet Title: Exterior Renderings

Sheet Number: A.300



Exterior Rendering



Exterior Rendering



Exterior Rendering



Exterior Rendering

CORRESPONDENCE

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

TODD J. ZILINCIK, P.E.
CITY ENGINEER

DAVID W. LEAR, P.E.
ASST. CITY ENGINEER



MAUREEN MILLER BROSINAN
MAYOR

DONALD R ROHRAFF
DIRECTOR OF PUBLIC WORKS

12973 FARMINGTON ROAD
LIVONIA, MICHIGAN 48150
(734) 466-2571
FAX: (734) 466-2195

October 28, 2024

Mr. Jacob Uhazie
Assistant Planning Director
City of Livonia

Re: Petition 2024-10-08-07 – #36001 Plymouth Road

Dear Mr. Uhazie:

In accordance with your request, the Engineering Division has reviewed the above referenced petition. We have no objections to the proposed waiver use at this time, but would like to note the following items:

1. The subject parcel is assigned the address of range of #35989 to #36001 Plymouth Road, with the address of **#36001 Plymouth Road being assigned to the overall parcel.**
2. The existing parcel is currently serviced by public sanitary sewer and water main, and storm sewer. The submitted drawings does not include any proposed utility information, but we do not believe there will be any adverse impacts to the existing systems with the proposed improvements.
3. Although the drawings do not indicate any utility alterations, it should be noted the any proposed development may be required to provide storm water improvements and detention per the Wayne County Stormwater Ordinance. Permitting for storm water activities will be through the Wayne County Department of Public Services.
4. Any disturbances with the Plymouth Road right-of-way will require permits through MDOT, including drive approach and/or sidewalk removals and placements.

To: Mr. Jacob Uhazie
Re: Petition 2024-10-08-07 – 36001 Plymouth Road

October 28, 2024

Page 2

Should you have any additional questions on this matter, please feel free to contact myself at (734) 466-2608 or the City Engineer, Mr. Todd Zilincik at (734) 466-2561. If you would prefer, you can e-mail either of us at dlear@livonia.gov or tzilincik@livonia.gov.

Sincerely,



David W. Lear, P.E.
Assistant City Engineer

cc: 2024 Petition File

DEPARTMENT OF PUBLIC SAFETY
LIVONIA FIRE & RESCUE

ROBERT JENNISON
FIRE CHIEF



MAUREEN MILLER BROSNAN
MAYOR

14910 FARMINGTON ROAD
LIVONIA, MICHIGAN 48154-5419
734-466-2444
734-466-2082 fax

DATE: October 30, 2024
TO: Scott O. Miller, Planner IV
FROM: Livonia Fire Prevention Division
SUBJECT: Petition #2024-10-08-07 Jax Auto wash 36001 Plymouth Rd.

This office has reviewed the site plan submitted in connection with a request to renovate an existing commercial building on property located at the above referenced address.

We have no objections to this proposal.

A further detailed plan review will take place when this division receives an official plan set.

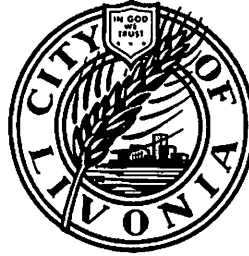
Sincerely,

Brian R. Kukla

Brian R. Kukla
Fire Marshal

**DEPARTMENT OF PUBLIC SAFETY
DIVISION OF POLICE**

THOMAS GORALSKI
CHIEF OF POLICE



MAUREEN MILLER BROSAN
MAYOR

15050 Farmington Road
Livonia, Michigan 48154-5499
(734) 466-2470
FAX: (734) 261-2265

October 28th 2024

Mr. Scott Miller
City of Livonia Planning Dept
33000 Civic Center Drive
Livonia, MI 48154

Re: Petition 2024-10-08-07 – 36001 Plymouth Road

Mr. Miller,

I have reviewed the plans in connection with the petition. I have no objections to the proposals.

Please feel free to contact me, should you have any questions.

Sincerely,

FOR THE CHIEF OF POLICE,

A handwritten signature in black ink, appearing to read "Paul Walters", is written over the typed name.

Paul Walters, Sergeant
Traffic Bureau
(734) 466-2107

INSPECTION DEPARTMENT

BUILDING
HEATING
PLUMBING
ELECTRICAL
ZONING
ENVIRONMENTAL PROTECTION
ORDINANCE ENFORCEMENT



MAUREEN MILLER BROSNAN
MAYOR

JEROME A. HANNA
DIRECTOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2580
FAX: (734) 466-2095

Date: November 5, 2024

To: Jacob Uhazie

From: Jerome Hanna

RE: Petition 2024-10-08-07 - 36001 Plymouth Road

Pursuant to your request, the above-referenced Petition has been reviewed.

1. Signage has not been reviewed. Any excess number or size of signage will require a variance from the Zoning Board of Appeals.

This Department has no further objections to this Petition.

I trust this provides the requested information.

Jerome Hanna

Jerome Hanna
Director of Inspection

**OTHER ITEMS
RELATED TO THE
PETITION**

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2024**

17.

Meeting was called to order at 8:03 p.m. by Council President McCullough. Present: Laura Toy, Vice President Martha Ptashnik, Rob Donovic, Carrie Budzinski, Scott Morgan, and President McCullough. Absent: None. (*Jim Jolly resigned following Regular Meeting of December 2, 2024.)

Elected and appointed officials present: Carter Fisher, City Attorney; Lori L. Miller, City Clerk; Mark Taormina, Planning and Economic Development Director; and Todd Zilincik, City Engineer.

7. REQUEST TO APPROVE HOURLY RATE INCREASE: Department of Civil Service, re: the Library Page and Student Page classifications, due to the new minimum wage rates.

Carter Fisher, City Attorney, indicated this matter is of a timely nature in that the State's minimum wage rates are set to go up January 1, 2025, and Ms. Liable apologized for not being present as she thought this matter was on a future Agenda. Mr. Fisher indicated this request is being made by the Department of Civil Service to increase the two (2) classifications of Library Page and Student Page to make sure their hourly rate is equal to the new minimum wage rates.

DIRECTION:

APPROVING

REGULAR



LETTER TO THE LIVONIA CITY COUNCIL

7.

Civil Service
November 21, 2024

MEETING DATE

S120224/R121824

PRESENTED BY

Jeannine Laible, Human Resources Director

AGENDA ITEM

REQUEST TO APPROVE HOURLY RATE INCREASE: Department of Civil Service, re: the Library Page and Student Page classifications, due to the new minimum wage rates.

BACKGROUND DETAILS

Dear Council Members:

At the Civil Service Commission meeting of November 20, 2024, with Chairperson James Wenson, Commissioner Roger L. Spence, and Commissioner Charlotte S. Mahoney being present, it was requested that the Commission consider approving modifications in wages for the classifications of Library Page and Student Page. This request was reviewed and approved by the Personnel Review Committee and Mayor Brosnan, prior to being presented to the Civil Service Commission.

In 2025, the minimum wage is set to increase which impacts the wages for the Library Page and Student Page classifications. Currently, there is an approved minimum wage that is set to take effect on January 1st. This will increase the minimum wage from \$10.33 per hour to \$10.56 per hour. Following this change, the minimum wage will increase again each year on February 21st:

Date	Hourly Rate
February 21, 2025	\$12.48
February 21, 2026	\$13.29
February 21, 2027	\$14.16
February 21, 2028	\$14.97

However, a bill was introduced to the Michigan Legislature on November 7, 2024, that would modify the minimum wage schedule as follows:

Date	Hourly Rate
January 1, 2025	\$12.00
January 1, 2026	\$12.50
January 1, 2027	\$13.00
January 1, 2028	\$14.00
January 1, 2029	\$15.00

It is recommended that the wages continue to be modified to coincide with Michigan's minimum wage, whatever that may be. Assuming Council approval, the effective date of any changes would

be the date that a new minimum wage takes effect which is greater than \$11.00 an hour. Any step increases that are due to an employee between now and the new effective date will continue to happen.

Once the change takes place, no further step increases will be due and employees in the 1st and 2nd year of the current wage table will transition to the new minimum wage. All employees in the 3rd year of the wage table will have their wages frozen at \$12.75 until the minimum wage passes \$12.75, whenever that may be.

The Civil Service Commission reviewed the request and upon motion by Mr. Spence, seconded by Ms. Mahoney, and unanimously adopted, it was

24-215 RESOLVED, that having reviewed the letter from Kristen Edson, Library Director, dated November 4, 2024, requesting wage table modifications for the Library Page and Student Page classifications, the Civil Service Commission does hereby approve the request for the modification to the wages tables for the Library Page and Student Page classifications to be the option that corresponds to the actual minimum wage increase that is adopted by Michigan Legislature. The Civil Service Commission submits the same to City Council for their review and consideration.

Therefore, it is recommended that the proposed wage table modifications for the Library Page and Student Page classifications be considered for adoption.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

Approve as submitted.

ATTACHMENTS

1. S120224 LTC Rate increase Library and Student Page
2. Wage Modifications for Library Page and Student Page

APPROVED BY



Jeannine Laible, Human Resources Director

Date: November 21, 2024



Debra Peck Lichtenberg, CPA, Finance Director

Date: November 21, 2024

A handwritten signature in blue ink, appearing to read "Carter Fisher", written in a cursive style.

Carter Fisher, City Attorney

Date: November 21, 2024

A handwritten signature in black ink, appearing to read "Maureen Miller Brosnan", written in a cursive style.

Maureen Miller Brosnan, Mayor

Date: November 21, 2024

MEMORANDUM

TO: Jeannine Laible, Human Resources Director
FROM: Elizabeth Hallack, PHR, Personnel Analyst II *EH*
DATE: November 18, 2024
SUBJECT: **Wage Table Modifications for Library Page and Student Page**

In correspondence dated November 4, 2024, Kristen Edson, Library Director, requests that the Civil Service Commission modify the wage tables for the Library Page and Student Page classifications to coincide with Michigan's minimum wage law and eliminate the step structure. Currently, the Library Page and Student Page wage tables are as follows:

Step	Hourly Rate
1 st Year	\$11.00
2 nd Year	\$11.75
3 rd Year	\$12.75

In 2025, the minimum wage is set to increase which impacts these wages. Currently, there is an approved minimum wage that is set to take effect on January 1st. This will increase the minimum wage from \$10.33 per hour to \$10.56 per hour. Following this change, the minimum wage will increase again each year on February 21st:

Date	Hourly Rate
February 21, 2025	\$12.48
February 21, 2026	\$13.29
February 21, 2027	\$14.16
February 21, 2028	\$14.97

However, a bill was introduced to the Michigan Legislature on November 7, 2024, that would modify the minimum wage schedule as follows:

Date	Hourly Rate
January 1, 2025	\$12.00
January 1, 2026	\$12.50
January 1, 2027	\$13.00
January 1, 2028	\$14.00
January 1, 2029	\$15.00

Ms. Edson would still like to continue with modifying the wage rate tables to coincide with Michigan's minimum wage, whatever that may be. Assuming Commission and Council approval, the effective date of any changes would be the date that a new minimum wage takes effect which is greater than \$11.00 an hour. Any step increases that are due to an employee between now and the new effective date will continue to happen.

Once the change takes place, no further step increases will be due and employees in the 1st and 2nd year of the current wage table will transition to the new minimum wage. All

employees in the 3rd year of the wage table will have their wages frozen at \$12.75 until the minimum wage passes \$12.75, whenever that may be.

This request has been approved by the Personnel Review Committee and Mayor Brosnan. The effective date will be February 21, 2025. Per the City of Livonia Charter, CHAPTER V, EXECUTIVE DIVISION, Section 16(b)(1) Powers and Duties of the Commission, the Civil Service Commission is given the authority to "establish and administer..., a schedule of compensation..." Therefore, it is recommended that the proposed wage rate transition to minimum wage for Library Page and Student Page be considered for adoption.

COMMENTS FROM THE HUMAN RESOURCES DIRECTOR:

Concur

Jeannine Laiss

MAUREEN MILLER BROSNAN
Mayor

KRISTEN EDSON
Library Director

LIBRARY COMMISSION

Carol Bagazinski
Dave MacFarland
Mary Morrison
Carrie Ryckman
Claire Sheldon

LIVONIA PUBLIC LIBRARY



ROBERT and JANET BENNETT
CIVIC CENTER LIBRARY

32777 FIVE MILE ROAD
Livonia, Michigan 48154-3045
Phone: (734) 466-2491
Fax: (734) 421-4860

CARL SANDBURG BRANCH

30100 SEVEN MILE ROAD
Livonia, Michigan 48152-1918
Phone: (248) 893-4010
Fax: (248) 476-6230

VEST POCKET LIBRARY

15218 FARMINGTON ROAD
Livonia, Michigan 48154-5417
Phone: (734) 466-2559

November 4, 2024

Civil Service Commission
Roger Spence, Chairperson
Charlotte S. Mahoney
James Wenson

RE: Request to Approve Hourly Rate Increase for Library Page Position

Michigan's minimum wage will increase twice in 2025, per the Improved Workforce Opportunity Wage Act. Due to this legislation the library must request an increase in salary for Library Pages. This position is invaluable to our service, not only do they shelve all the books that are returned, but pages are also responsible for:

- Repairing damaged books, CDs, and DVDs
- Assisting Patrons with Computer use at the Help Desk
- Assisting with TLN bin sorting
- Emptying the book drop

I am requesting that wage tables for the Library Page and Student Page classifications be updated to eliminate the step structure and introduce a flat rate for all Pages that is consistent with the Michigan Minimum Wage (see below). Once approved by Council, no further step increases will occur for employees in the 1st or 2nd year of the wage table.

Effective Date: Wage Rate

February 21, 2025	\$12.48 *
February 21, 2026	\$13.29
February 21, 2027	\$14.16
February 21, 2028	\$14.97

* Upon Council approval, employees in the 3rd year of the wage table will have their wages be grandfathered in and frozen at the \$12.75 rate until February 21, 2026.

Respectfully submitted,

Kristen Edson
Library Director
Livonia Public Library

TEMPORARY CLASSIFICATIONS

5.23.24

CLASSIFICATION		Jan. 1, 2024	Dec. 1, 2024	Dec. 1, 2025
COLLEGE CO-OP	1ST YEAR	\$10.60	\$10.60	\$10.60
Rate increase in the Jan 1, 2024, column is effective 1/29/24 (CR#031-24)	2ND YEAR	\$11.10	\$11.10	\$11.10
CROSSING GUARD	FLAT RATE	\$15.00	\$15.00	\$15.00
Rate increase in the Jan 1, 2022, column is effective 8/22/22 (CR#260-22)				
HIGHSCHOOL CO-OP	1ST YEAR	\$10.35	\$10.35	\$10.35
Rate increase in the Jan 1, 2024, column is effective 1/29/24 (CR#031-24)	2ND YEAR	\$10.60	\$10.60	\$10.60
LIBRARY PAGE	1ST YEAR	\$11.00	\$11.00	\$11.00
Rate increase in the Jan 1, 2022, column is effective 9/27/22 (CR#287-22)	2ND YEAR	\$11.75	\$11.75	\$11.75
	3RD YEAR	\$12.75	\$12.75	\$12.75
POLICE RESERVE OFFICER	FLAT RATE	\$16.48	\$16.89	\$17.48
Future 12/1 increases mirror LPOA rate changes (CR#122-23)				
SEASONAL CLERK	1ST YEAR	\$10.60	\$10.60	\$10.60
Rate increase in the Jan 1, 2024, column is effective 1/29/24 (CR#031-24)	2ND YEAR	\$11.10	\$11.10	\$11.10
SEASONAL LABORER	FLAT RATE	\$17.00	\$17.00	\$17.00
Rate increase in the Jan 1, 2024, column is effective 6/1/24 (CR#165-24)				
STUDENT PAGE	1ST YEAR	\$11.00	\$11.00	\$11.00
Rate increase in the Jan 1, 2022, column is effective 9/27/22 (CR#287-22)	2ND YEAR	\$11.75	\$11.75	\$11.75
	3RD YEAR	\$12.75	\$12.75	\$12.75
SUBSTITUTE LIBRARIAN	FLAT RATE	\$12.00	\$12.00	\$12.00
Pre-Master's Degree (20 hours)	100 HOURS	\$13.00	\$13.00	\$13.00
SUBSTITUTE LIBRARIAN (MLIS)*	FLAT RATE	\$20.00	\$20.00	\$20.00
*Rate increase in the Jan 1, 2021 column is effective 9/11/21 (CR#271-21)	100 HOURS	\$22.00	\$22.00	\$22.00



GRETCHEN WHITMER
GOVERNOR

Michigan Department of Labor and Economic Opportunity

Wage and Hour Division
PO Box 30476
Lansing, MI 48909-7976

REQUIRED POSTER GENERAL REQUIREMENTS - MINIMUM WAGE and OVERTIME



SUSAN CORBIN
DIRECTOR

Coverage

The Improved Workforce Opportunity Wage Act (IWOWA), Public Act 337 of 2018 covers employers who employ 2 or more employees 16 years of age and older.

Minimum Hourly Wage Rate

Effective Date	Minimum Hourly Wage Rate	Tipped Employee		85%** Rate
		Minimum Hourly Rate	Reported Average Hourly Tips	
February 21, 2025	\$12.48	\$5.99	\$6.49	\$10.61
February 21, 2026	\$13.29	\$7.97	\$5.32	\$11.30
February 21, 2027	\$14.16	\$9.91	\$4.25	\$12.04
February 21, 2028	\$14.97	\$11.98	\$2.99	\$12.72

The minimum hourly wage rate of an employee eligible to be considered tipped employee shall be 48% of the minimum hourly wage rate effective February 21, 2025; beginning February 21, 2026, it shall be 60% of the minimum hourly wage rate; beginning February 21, 2027, it shall be 70% of the minimum hourly wage rate; beginning February 21, 2028, it shall be 80% of the minimum hourly wage rate; beginning February 21, 2029, it shall be 90% of the minimum hourly wage rate; and beginning February 21, 2030 and thereafter, it shall be 100% of the minimum hourly wage rate.

85% Rate

Minors under the age of 18 may be paid 85% of the minimum hourly wage rate.

Training Wage

A training wage of \$4.25 per hour may be paid to employees under 20 years of age for the first 90 calendar days of employment.

Overtime

Employees covered by the IWOWA must be paid 1-1/2 times their regular rate of pay for hours worked over 40 in a workweek. The following are exempt from overtime requirements: employees exempt from the minimum wage provisions of the Fair Labor Standards Act of 1938, 29 USC 201 to 219 (except certain domestic service employees), professional, administrative, or executive employees; elected officials and political appointees; employees of amusement and recreational establishments operating less than 7 months of the year; agricultural employees, and any employee not subject to the minimum wage provisions of the act. Public sector and certain private sector employers not covered by the FLSA may be able to use compensatory time in lieu of overtime under specific provision.

Equal Pay

An employer shall not discriminate on the basis of sex by paying employees a rate which is less than the rate paid to employees of the opposite sex for equal work on jobs requiring equal skill, effort, and responsibility performed under similar working conditions - except where payment is pursuant to a seniority system, merit system or system measuring earnings on the basis of quantity or quality of production or a differential other than sex.

Enforcement

An employee may either file civil action for recovery of unpaid minimum wages or overtime, or they may file a complaint with the Department of Labor and Economic Opportunity. The department may investigate a complaint and file civil action to collect unpaid wages or overtime due the employee and all employees of an establishment. Recovery under this act can include unpaid minimum wages and/or overtime, plus an equal additional amount as liquidated damages, costs, and reasonable attorney fees. A civil fine of \$1,000 can be assessed to an employer who does not pay minimum wage and/or overtime.

LEO is an equal opportunity employer/program.

Auxiliary aids, services and other reasonable accommodations are available, upon request, to individuals with disabilities.

www.michigan.gov/wagehour • Toll Free 1-855-4MI-WAGE (1-855-464-9243)

WHD 9904 (Revised • 9/2024)

HOUSE BILL NO. 6056

November 07, 2024, Introduced by Reps. Shannon and Filler and referred to the Committee on Regulatory Reform.

A bill to amend 2014 PA 138, entitled
"Workforce opportunity wage act,"
by amending sections 4 and 4b (MCL 408.414 and 408.414b); and to
repeal acts and parts of acts.

THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

- 1 Sec. 4. (1) Subject to the exceptions specified in this act,
- 2 the minimum hourly wage rate is:
- 3 ~~(a) Before September 1, 2014, \$7.40.~~
- 4 ~~(b) Beginning September 1, 2014, \$8.15.~~
- 5 ~~(c) Beginning January 1, 2016, \$8.50.~~
- 6 ~~(d) Beginning January 1, 2017, \$8.90.~~

~~(e) Beginning January 1, 2018, \$9.25.~~

(a) Beginning January 1, 2025, \$12.00.

(b) Beginning January 1, 2026, \$12.50.

(c) Beginning January 1, 2027, \$13.00.

(d) Beginning January 1, 2028, \$14.00.

(e) Beginning January 1, 2029, \$15.00.

(2) Every January beginning in January ~~2019, 2030~~, the state treasurer shall adjust the minimum wage by an amount determined by the state treasurer at the end of the **immediately** preceding calendar year to reflect the average annual percentage change in the ~~consumer price index~~ **Consumer Price Index** for the most recent 5-year period for which data are available. As used in this subsection, "~~consumer price index~~" "**Consumer Price Index**" means the most comprehensive index of consumer prices available for the midwest region from the ~~bureau~~ **Bureau** of ~~labor statistics~~ **Labor Statistics** of the United States ~~department~~ **Department** of ~~labor~~ **Labor**. The wage and hours division of the department of licensing and regulatory affairs shall post the adjusted minimum wage on its website ~~by not later than~~ February 1 of the year it is calculated, and the adjusted rate is effective beginning April 1 of that year. An annual increase under this subsection ~~shall~~ **must** not exceed 3.5%.

(3) An increase in the minimum hourly wage rate as prescribed in subsection (2) does not take effect if the unemployment rate determined by the ~~bureau~~ **Bureau** of ~~labor statistics~~ **Labor Statistics** of the United States ~~department~~ **Department** of ~~labor~~ **Labor**, for this state is ~~8.5%~~ **7.5%** or ~~greater~~ **more** for the year **immediately** preceding the year of the prescribed increase.

Sec. 4b. (1) An employer may pay a new employee who is less

1 than 20 years of age a training hourly wage ~~of \$4.25 that is 75% of~~
2 **the general minimum hourly wage established under section 4** for the
3 first 90 days of that employee's employment. The hourly wage
4 authorized under this subsection is in lieu of the minimum hourly
5 wage otherwise prescribed by this act.

6 (2) Except as provided in subsection (1), the minimum hourly
7 wage for an employee who is less than 18 years of age is 85% of the
8 general minimum hourly wage established ~~in~~**under** section 4.

9 (3) An employer shall not displace an employee to hire an
10 individual at the hourly wage authorized under this section. As
11 used in this subsection, "displace" includes termination of
12 employment or any reduction of hours, wages, or employment
13 benefits.

14 (4) A person who violates subsection (3) is subject to a civil
15 fine of not more than \$1,000.00.

16 Enacting section 1. The improved workforce opportunity wage
17 act, 2018 PA 337, MCL 408.931 to 408.945, is repealed.



LETTER TO THE LIVONIA CITY COUNCIL

18.

Engineering
December 2, 2024

MEETING DATE

R121824

PRESENTED BY

David Lear, Assistant City Engineer

AGENDA ITEM

REQUEST TO AUTHORIZE PAYMENT TO D'ANGELO BROTHERS, INC.: Engineering Division, re: water main valve replacement in order to complete the 2023 Water Main Replacement Project, from budgeted funds. (CR 218-23)

BACKGROUND DETAILS

The 2023 Water Main Replacement Project was awarded to Murphy Pipeline Contractors, LLC in the amount of \$5,422,555.00 under Council resolution #218-23. During the water main work on Farmington Road, it was discovered that a number of the existing valves on the transmission water main feeding the area were not working correctly. In order to complete the planned water main replacement work, those valves would need to be replaced, which is a specialized task that would require hiring a sub-contractor to complete.

Murphy Pipeline planned to do a portion of the additional work themselves, and have D'Angelo Brothers Inc. complete the remaining portions that they were unable to do. With D'Angelo Brothers Inc. being the City's emergency contractor, we decided it would be preferential to have them complete the work directly for the City to avoid paying the 15% markup allowed under the Murphy Pipeline contract, as well as condense the timeline for the work which required the closure of Farmington Road south of Five Mile Road.

In the end, the additional D'Angelo Brothers Inc. work amounted to \$371,806.83, and the Murphy Pipeline contract is under the approved budget by approximately \$471,000.00. Due to the fact that there is enough room in the Murphy pipeline contract to cover the D'Angelo Brothers work, we are requesting to re-allocate \$371,806.83 to D'Angelo Brothers instead of using up their emergency work budget. In the end, we were able to save approximately \$60,000 and reduce the amount of time that the roadway needed to be closed.

Based on the above information, it is recommended that the Council proceed as follows:

- Authorize payment in the amount of \$371,806.83 to D'Angelo Brothers Inc., 30836 W. Eight Mile Road, Farmington Hills, Michigan 48336 for their work on the 2023 Water Main Replacement Project from fund #592-158-034 (Water Main Replacement).

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

Based on the above information, it is recommended that the Council proceed as follows:

- Authorize payment in the amount of \$371,806.83 to D'Angelo Brothers Inc., 30836 W. Eight Mile Road, Farmington Hills, Michigan 48336 for their work on the 2023 Water Main Replacement Project from fund #592-158-034 (Water Main Replacement).

SPECIFIC NAME OF PRODUCT AND NUMBER TO BE PURCHASED (if more than one)

n/a

CONTRACT: Amount and/or purchase price and length of contract (with dates if applicable)

n/a

DETAILED WORK BEING PERFORMED

Completion of 2023 Water Main Replacement Project

FISCAL CONSIDERATIONS (Amount requested and Account(s) used. If applicable, Grant Funding information)

\$371,806.83 from Account No. 592-158-034 (Water Main Replacement)

ACCEPTANCE OF BID (Please detail the following: Why accepted, why not lowest bidder, company name, contact person, full address)

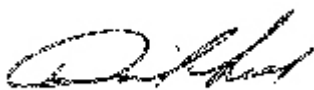
n/a

REASON TO WAIVE BID PROCESS (Emergency, Professional services, No advantage to City and why, Consortium package, etc): n/a

ATTACHMENTS

1. D'Angelo Invoice
2. CR# 218-23 Award of Contract to Murphy

APPROVED BY



David Lear, Assistant City Engineer

Date: December 02, 2024



Don Rohraff, Director of Public Works

Date: December 02, 2024



Debra Peck Lichtenberg, CPA, Finance Director

Date: December 06, 2024



Maureen Miller Brosnan, Mayor

Date: December 06, 2024

**Invoice # 104724-39****10/21/24****30836 W 8 Mile.****Farmington Hills, MI 48336****TO:** City of Livonia**ATTN:** Don R.**15205 Farmington Rd.
Replacement of 16" Valve on 24" WM**

DESCRIPTION OF WORK COMPLETED	Qty.	Unit	Hrs.	Rate	Total Per Line
8/5/2024. Remove Pavement & Excavate 1st Proposed Line Stop Location. Found Joint. Determined needed to excavate a new pit / location.					
Mobilize Excavators & Loader	3	EA	1	\$ 550.00	\$ 1,650.00
315 Excavator & Operator	1	HR	12	\$ 158.00	\$ 1,896.00
335 Excavator & Operator	1	HR	12	\$ 195.00	\$ 2,340.00
299 Skid Steer	1	HR	12	\$ 125.00	\$ 1,500.00
Concrete Breaker	1	HR	12	\$ 50.00	\$ 600.00
Labor, Regular Time	3	HR	8	\$ 62.00	\$ 1,488.00
Labor, Over Time	3	HR	4	\$ 88.00	\$ 1,056.00
Labor, Regular Time	4	HR	3	\$ 62.00	\$ 744.00
Labor, Over Time	4	HR	3	\$ 88.00	\$ 1,056.00
Dump Truck	2	HR	12	\$ 135.00	\$ 3,240.00
Generator	3	HR	11	\$ 25.00	\$ 825.00
Trench Box	2	EA	1	\$ 800.00	\$ 1,600.00
					\$ 17,995.00
8/6/2024. Assist Water Tap w/Line Stop & 2" Blow Off. Set Trench Boxes					
315 Excavator & Operator	1	HR	8	\$ 158.00	\$ 1,264.00
325 Excavator & Operator	1	HR	8	\$ 195.00	\$ 1,560.00
299 Skid Steer	1	HR	8	\$ 125.00	\$ 1,000.00
Labor, Regular Time	4	HR	8	\$ 62.00	\$ 1,984.00
Dump Truck	1	HR	8	\$ 135.00	\$ 1,080.00
Concrete Breaker & Air Tools	1	HR	8	\$ 50.00	\$ 400.00
Generator	1	HR	8	\$ 25.00	\$ 200.00
Pumps	1	HR	8	\$ 30.00	\$ 240.00
Trench Box	2	EA	1	\$ 800.00	\$ 1,600.00
Plates, Sheeting & Shoring	512	SF	1	\$ 3.00	\$ 1,536.00
					\$ 10,864.00

8/7/2024. Excavate Hydrant Tee & lead. Found hydrant tap was direct in WM. Poured Concrete @ Line Stop

315 Excavator & Operator	1	HR	12	\$	158.00	\$	1,896.00
335 Excavator & Operator	1	HR	12	\$	195.00	\$	2,340.00
299 Skid Steer	1	HR	12	\$	125.00	\$	1,500.00
Concrete Breaker	1	HR	12	\$	50.00	\$	600.00
Labor, Regular Time	4	HR	8	\$	62.00	\$	1,984.00
Labor, Over Time	4	HR	4	\$	88.00	\$	1,408.00
Dump Truck	2	HR	12	\$	135.00	\$	3,240.00
Trench Box	2	EA	1	\$	800.00	\$	1,600.00
Generator	1	HR	8	\$	25.00	\$	200.00
Pumps	1	HR	8	\$	30.00	\$	240.00
Plates, Sheeting & Shoring	512	SF	1	\$	3.00	\$	1,536.00
						\$	16,544.00

8/10. Saturday. Assisted Dropping Line stop and install. 2" blow offs to determine water shut down

Labor, Over Time	4	HR	6	\$ 88.00	\$ 2,112.00
					\$ 2,112.00

8/12. Excavate Existing Hydrant Tee. Verify if a cap can be welded. M&T Welding Verified Type of Steel. Found Existing Hydrant was not a Tee. Hydrant was Direct tap into Concrete Water main

315 Excavator & Operator	1	HR	11	\$	158.00	\$	1,738.00
335 Excavator & Operator	1	HR	11	\$	195.00	\$	2,145.00
299 Skid Steer	1	HR	11	\$	125.00	\$	1,375.00
Concrete Breaker	1	HR	11	\$	50.00	\$	550.00
Labor, Regular Time	5	HR	8	\$	62.00	\$	2,480.00
Labor, Over Time	5	HR	4	\$	88.00	\$	1,760.00
Dump Truck	2	HR	11	\$	135.00	\$	2,970.00
Generator	1	HR	11	\$	25.00	\$	275.00
Trench Box	2	EA	1	\$	800.00	\$	1,600.00
Generator	2	HR	8	\$	25.00	\$	400.00
Pumps	4	HR	8	\$	30.00	\$	960.00
Plates, Sheeting & Shoring	768	SF	1	\$	3.00	\$	2,304.00
						\$	18,557.00

8/13. Weld Cap on Hydrant Nipple. Install new 16" Valve & structure

315 Excavator & Operator	1	HR	11	\$	158.00	\$	1,738.00
335 Excavator & Operator	1	HR	11	\$	195.00	\$	2,145.00
299 Skid Steer	1	HR	11	\$	125.00	\$	1,375.00
Concrete Breaker	1	HR	11	\$	50.00	\$	550.00
Labor, Regular Time	5	HR	8	\$	62.00	\$	2,480.00
Labor, Over Time	5	HR	4	\$	88.00	\$	1,760.00
Dump Truck	2	HR	11	\$	135.00	\$	2,970.00
Generator	1	HR	11	\$	25.00	\$	275.00
Trench Box	2	EA	1	\$	800.00	\$	1,600.00
Generator	2	HR	8	\$	25.00	\$	400.00
Pumps	4	HR	8	\$	30.00	\$	960.00
Plates, Sheeting & Shoring	768	SF	1	\$	3.00	\$	2,304.00
						\$	18,557.00

8/14. Excavated & Set Trench Box to install Tapping Sleeve for Hydrant.

315 Excavator & Operator	1	HR	12	\$	158.00	\$	1,896.00
335 Excavator & Operator	1	HR	12	\$	195.00	\$	2,340.00
299 Skid Steer	1	HR	12	\$	125.00	\$	1,500.00
Concrete Breaker	1	HR	12	\$	50.00	\$	600.00
Labor, Regular Time	5	HR	8	\$	62.00	\$	2,480.00
Labor, Over Time	5	HR	4	\$	88.00	\$	1,760.00
Dump Truck	2	HR	12	\$	135.00	\$	3,240.00
Generator	1	HR	12	\$	25.00	\$	300.00
Trench Box	2	EA	1	\$	800.00	\$	1,600.00
Generator	2	HR	8	\$	25.00	\$	400.00
Pumps	2	HR	8	\$	30.00	\$	480.00
Plates, Sheeting & Shoring	768	SF	1	\$	3.00	\$	2,304.00
						\$	18,900.00

8/15. Installed new tapping sleeve & Valve. Excavate for new hydrant lead location

315 Excavator & Operator	1	HR	12	\$	158.00	\$	1,896.00
335 Excavator & Operator	1	HR	12	\$	195.00	\$	2,340.00
299 Skid Steer	1	HR	12	\$	125.00	\$	1,500.00
Concrete Breaker	1	HR	12	\$	50.00	\$	600.00
Labor, Regular Time	5	HR	8	\$	62.00	\$	2,480.00
Labor, Over Time	5	HR	4	\$	88.00	\$	1,760.00
Dump Truck	2	HR	12	\$	135.00	\$	3,240.00
Generator	1	HR	12	\$	25.00	\$	300.00
Trench Box	2	EA	1	\$	800.00	\$	1,600.00
Generator	2	HR	8	\$	25.00	\$	400.00
Pumps	2	HR	8	\$	30.00	\$	480.00
Plates, Sheeting & Shoring	768	SF	1	\$	3.00	\$	2,304.00
Hoe Pack	1	HR	8	\$	50.00	\$	400.00
						\$	19,300.00

8/16. Install new hydrant & Lead. Backfill & Compacted

315 Excavator & Operator	1	HR	12	\$	158.00	\$	1,896.00
335 Excavator & Operator	1	HR	12	\$	195.00	\$	2,340.00
299 Skid Steer	1	HR	12	\$	125.00	\$	1,500.00
Labor, Regular Time	4	HR	8	\$	62.00	\$	1,984.00
Labor, Over Time	4	HR	4	\$	88.00	\$	1,408.00
Dump Truck	2	HR	12	\$	135.00	\$	3,240.00
Generator	1	HR	12	\$	25.00	\$	300.00
Trench Box	2	EA	1	\$	800.00	\$	1,600.00
Generator	2	HR	8	\$	25.00	\$	400.00
Pumps	2	HR	8	\$	30.00	\$	480.00
Plates, Sheeting & Shoring	768	SF	1	\$	3.00	\$	2,304.00
Hoe Pack	1	HR	8	\$	50.00	\$	400.00
						\$	17,852.00

8/17. Saturday. Install corps in GW & Prep for paving.

315 Excavator & Operator	1	HR	8	\$	158.00	\$	1,264.00
335 Excavator & Operator	1	HR	8	\$	195.00	\$	1,560.00
299 Skid Steer	1	HR	8	\$	125.00	\$	1,000.00
Labor, Over Time	4	HR	8	\$	88.00	\$	2,816.00
Dump Truck	2	HR	8	\$	135.00	\$	2,160.00
Generator	2	HR	8	\$	25.00	\$	400.00
Pumps	2	HR	8	\$	30.00	\$	480.00
Hoe Pack	1	HR	8	\$	50.00	\$	400.00
							\$ 10,080.00

8/20. Complete Lawn Restoration, Clean Site & Backfill Behind Concrete Curb

299 Skid Steer	1	HR	8	\$	125.00	\$	1,000.00
Labor, Regular Time	5	HR	8	\$	62.00	\$	2,480.00
Dump Truck	2	HR	8	\$	135.00	\$	2,160.00
							\$ 5,640.00

8/19. Prep for paving & Compaction

315 Excavator & Operator	1	HR	8	\$	158.00	\$	1,264.00
335 Excavator & Operator	1	HR	8	\$	195.00	\$	1,560.00
299 Skid Steer	1	HR	8	\$	125.00	\$	1,000.00
Labor, Regular Time	4	HR	8	\$	62.00	\$	1,984.00
Dump Truck	2	HR	8	\$	135.00	\$	2,160.00
Hoe Pack	1	HR	8	\$	50.00	\$	400.00
							\$ 8,368.00

\$ 164,769.00

Materials						
6A Stone	134	Ton	-	\$	34.00	\$ 4,556.00
Class II Sand	273	Ton	-	\$	20.00	\$ 5,460.00
21AA Limestone	389	Ton	-	\$	30.00	\$ 11,670.00
Water Tap	1	LSx15%	-	\$	46,200.00	\$ 53,130.00
M&T Welding	1	LSx12%	-	\$	2,500.00	\$ 2,800.00
Ferguson	1	LSx15%	-	\$	9,627.97	\$ 11,072.17
Carlismos	1	LSx15%	-	\$	2,534.46	\$ 2,914.63
(2)Your Traffic Control	1	LSx12%	-	\$	9,662.86	\$ 10,822.40
Etna.	1	LSx15%	-	\$	2,840.80	\$ 3,266.92
Etna.	1	LSx15%	-	\$	242.74	\$ 279.15
Etna.	1	LSx15%	-	\$	430.36	\$ 494.91
Etna.	1	LSx15%	-	\$	148.40	\$ 170.66
Etna.	1	LSx15%	-	\$	3,376.10	\$ 3,882.52
Etna.	1	LSx15%	-	\$	363.58	\$ 418.12
Etna Saddles	1	LSx15%	-	\$	1,763.84	\$ 2,028.42
Hercules Concrete	1	LSx15%	-	\$	1,065.30	\$ 1,225.10
(2)Gaz Sawcutting	1	LSx12%	-	\$	5,163.50	\$ 5,783.12
Eagle landscape	1	LSx15%	-	\$	524.67	\$ 603.37
Concrete Restoration	508.5	Syd	-	\$	95.00	\$ 48,302.75
Concrete Curb	224	LF	-	\$	75.00	\$ 16,800.00
Als Asphalt	1	LS	-	\$	21,357.60	\$ 21,357.60
						\$ 207,037.83
TOTAL						\$ 371,806.83

Vince D'Angelo (248) 515-1942

SUSAN M. NASH
CITY CLERK

LORI L. MILLER
DEPUTY CLERK

OFFICE OF THE CITY CLERK



33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2230
FAX: (734) 421-1147

July 11, 2023

Murphy Pipeline Contractors, LLC
12235 New Berlin Road
Jacksonville, FL 32226

To whom it may concern:

The Council of the City of Livonia, at a Regular Meeting held June 26, 2023, adopted the following resolution:

#218-23 RESOLVED, that having considered a communication from the City Engineer, dated May 23, 2023, which bears the signatures of the Director of Public Works, Director of Finance and the City Attorney, and is approved for submission by the Mayor, to which is attached a letter from OHM Advisors, dated May 22, 2023, the Council does hereby accept the bid of Murphy Pipeline Contractors, LLC, 12235 New Berlin Road, Jacksonville, Florida 32226 for performing all work required in connection with the 2023/2024 Water Main Replacement Project, project areas 7, 8 and 9, in an amount not to exceed \$5,422,555.00, with inspector day costs to be included in the construction engineering (CE) costs, to be approved by City Council, based upon the Engineering Division's estimate of units involved and subject to the final payment based on the actual units completed in accordance with the unit prices accepted herein, said amount and unit prices having been in fact the lowest bid received and meets all specifications; FURTHER, the Council does hereby authorize an expenditure in an amount not to exceed \$5,422,555.00 from funds budgeted in Account No.: 592-158-034 (Water Main Replacement) for this purpose, said amount to be reimbursed upon issuance of Water and Sewer Revenue Bonds; and the City Engineer is hereby authorized to approve minor adjustments in the work as it becomes necessary but this authorization does not entitle the City Engineer to authorize any increase in the not to exceed amount or to contract with other parties; and the Mayor and City Clerk are hereby authorized, for and on behalf of the City of Livonia, to execute a contract with the aforesaid bidder and to do all other things necessary or incidental to the full performance of this resolution.

Very truly yours,

Susan M. Nash

Susan M. Nash, City Clerk
SMN/ljr
Xc: Engineering



LETTER TO THE LIVONIA CITY COUNCIL

19.

Law
December 3, 2024

MEETING DATE

R121824

PRESENTED BY

Carter Fisher, City Attorney

AGENDA ITEM

REQUEST TO APPROVE LICENSE AGREEMENT FOR A PORTION OF CITY OF LIVONIA GLENDALE PROPERTY: Department of Law, re: with Consumers Energy for a rent of \$12,000 for a four-month term beginning in January 2025, with ability to extend the agreement up to 3 additional one-month periods.

BACKGROUND DETAILS

Consumers Energy has licensed certain City-owned industrial land at 32000 Glendale as a satellite site, where they can park equipment and vehicles necessary to the projects they pursue.

The license agreement will expire on December 31, 2024, but the attached extension of the license will now generate \$12,000 (\$3,000 per month) in fees per the new agreement with Consumers. The lease agreement ends April 30, 2025 but has an option to extend for three additional one-month periods with each paying \$3,000 per additional month.

The Agreement contains various protections for the City. Consumers acknowledge that it has inspected the site and is satisfied with the site as-is. Consumers covenants not to sue the City in connection with the Site, and will indemnify the City against any claims or damages arising out of the Agreement or Consumers' occupancy of the site.

As the current license is set to expire soon, Consumers would appreciate any approval -- if an approval is forthcoming -- be granted as soon as it is feasible to do so.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

RESOLVED, that having considered a communication from the Department of Law, dated December 3, 2024, which is approved for submission by the Mayor, to which is attached a proposed License Agreement between the City of Livonia and Consumers Energy Company for property located at 32000 Glendale Street, Livonia, Michigan 48150, to allow Consumers Energy permission to use as a construction show up site, to include the outdoor storage of commercial vehicles and other construction equipment, for a monthly rent of \$3,000.00 for a four-month term commencing January 1, 2025 through April 30, 2025, with the option to extend the agreement for up to three (3) additional one-month periods, THE COUNCIL DOES HEREBY APPROVE THE AFORESAID AGREEMENT AND AUTHORIZES THE MAYOR AND CITY CLERK, FOR AND ON BEHALF OF

THE CITY OF LIVONIA, TO EXECUTE THE ATTACHED AGREEMENT, SUBJECT TO APPROVAL AS TO FORM AND SUBSTANCE BY THE DEPARTMENT OF LAW, AS WELL AS TO DO ALL OTHER THINGS NECESSARY OR INCIDENTAL TO THE FULL PERFORMANCE OF THIS RESOLUTION.

SPECIFIC NAME OF PRODUCT AND NUMBER TO BE PURCHASED (if more than one)

CONTRACT: Amount and/or purchase price and length of contract (with dates if applicable)

DETAILED WORK BEING PERFORMED

FISCAL CONSIDERATIONS (Amount requested and Account(s) used. If applicable, Grant Funding information)

ACCEPTANCE OF BID (Please detail the following: Why accepted, why not lowest bidder, company name, contact person, full address)

REASON TO WAIVE BID PROCESS (Emergency, Professional services, No advantage to City and why, Consortium package, etc):

ATTACHMENTS

1. License Agreement re 32000 Glendale 12.3.24

APPROVED BY



Carter Fisher, City Attorney

Date: December 04, 2024



Date: December 6, 2024

License Agreement

Work Order #: 42150113

This LICENSE AGREEMENT (hereinafter "License Agreement") is made as of _____, **2024** between **City of Livonia, 33000 Civic Center Dr., Livonia MI 48154** (hereinafter "Licensor"), and Consumers Energy Company, a Michigan corporation, 1945 W. Parnall Rd, Jackson Michigan 49201, (hereinafter "Consumers").

Licensor, in consideration of the covenants herein specified, hereby grants to Consumers a License (hereinafter "License") on property located in the **City of Livonia**, County of **Wayne**, and State of Michigan in Section **27, T01S, R09E** having Parcel ID **#46105990043004** and the common street address of **32000 Glendale St., Livonia MI 48150** more fully described and depicted in the attached Exhibit A (hereinafter "Licensed Area") for Consumers to use as a construction show up site, which use includes, by way of example and not limitation, the use of the Licensed Area for the outdoor storage of commercial vehicles, backhoes, trailers, compressors, trenchers, directional boring machines, passenger vehicles, aggregate, spoils, soils, dumpsters, pipe material, portable toilets, and other construction equipment.

This License Agreement is executed by Licensor and accepted by Consumers on and subject to the following terms and conditions:

1. Duration. This License Agreement shall be effective from **January 1, 2025** (hereinafter "Effective Date") and shall run through **April 30, 2025** (hereinafter the "Primary Period"). Licensor grants to Consumers the option to extend this License Agreement for **three** additional one month periods (each additional one month period shall hereinafter be referred to both collectively and singularly as "Extended Period"), which the Extended Period shall commence upon the expiration of the Primary Period or any exercised Extended Period, as the case may be, by giving the Licensor written notice prior to the end of the then current term.
2. Consideration. Consumers shall pay to Licensor as consideration for the use of the Licensed Area the sum of **\$12,000** during the Primary Period. Consumers shall pay the Primary Period's consideration within seven days of physical occupancy of Licensed Area. Consumers shall pay to Licensor as consideration for the use of the Licensed Area the sum of **\$3,000** per month, payable in advance, for any exercised Extended Period.
3. Security. Consumers may provide, in its sole discretion and at its sole expense, on-site security for Consumers' personal property located on the Licensed Area 24 hours a day and 7 days a week during the Primary Period and any Extended Period.
4. Condition of the Licensed Area. Consumers accepts the Licensed Area in its present condition and upon the expiration of this License Agreement shall leave the Licensed Area in a condition substantially similar to the condition as it existed on the Effective Date of this License Agreement. At least one time per week, Consumers shall remove any spoils brought to the Licensed Area.
5. Maintenance/Repair. Consumers shall not make alterations or additions to the Licensed Area, without Licensor's prior written consent.
6. Exclusivity. Except as provided in this License Agreement, during the term of this License Agreement, Licensor shall not license or grant to any other person or entity any other right, permission, or interest (including leases and easements) in the Licensed Area. Any effort or attempt by Consumers during the duration of this License Agreement to grant a license, right, or interest in the Licensed Area in connection with the permissions given herein shall constitute a material breach of this License Agreement and be null, void, and of no effect.
7. Insurance. Consumers represents that it now carries and agrees that it will continue to carry during the term of this License Agreement, Excess Liability Insurance with limits of \$3,000,000 per occurrence. This policy is subject to deductibles or self-insured retentions that are considered prudent and consistent with other utility companies of similar size and operations. Consumers agrees to maintain this policy while this License Agreement

remains in effect. Consumers risk financing and excess liability insurance shall cover liability arising from premises, operations, products-completed operations, personal and advertising injury, liability assumed under an insured contract, including the tort liability of another assumed in a business contract, and use of any auto (including owned, hired, and non-owned autos). Licensor, its elected and appointed officials, employees, agents and volunteers shall be included as additional insureds under the Consumers risk financing and excess liability insurance. This risk financing and insurance shall apply as primary insurance with respect to any other insurance or self-insurance programs afforded to Licensor. Consumers may, at its option, purchase insurance to cover its personal property, including physical damage to its vehicles and any property on or inside its vehicles. In no event shall Licensor be liable for any damage to, or loss of personal property sustained by Consumers, whether or not it is insured, even if such loss is caused by the negligence of Licensor, its employees, officers, directors, or agents.

8. Evidence of Insurance. Consumers shall furnish Licensor with a certificate(s) of insurance, executed by a duly authorized representative of each insurer, showing compliance with the insurance requirements set forth above. Failure to furnish the required certificate or failure to maintain the required insurance may result in termination of this Agreement at Licensor's option. Any waiver of Consumers' obligation to furnish such certificate or maintain such insurance must be in writing and signed by an authorized representative of Licensor. Failure of Licensor to demand such certificate or other evidence of full compliance with these insurance requirements or failure of Licensor to identify a deficiency from evidence that is provided shall not be construed as a waiver of Consumer's obligation to maintain such insurance, or as a waiver as to the enforcement of any of these provisions at a later date.
9. Indemnification. Consumers has investigated/inspected the Licensed Area and is satisfied with the condition of same as-is. Consumers covenants not to sue Licensor for any reason related to or arising out of the License Agreement or Consumers' occupancy of the Licensed Area. Moreover, Consumers will indemnify the City against any claims or damages arising out of the License Agreement or Consumers' occupancy of the Licensed Area.
10. Entire Agreement. This License Agreement constitutes the entire agreement of the parties hereto with respect to its subject matter. There are no agreements, representations, statements, or understandings which have been relied on by the parties hereto which are not stated in this License Agreement.
11. Miscellaneous.
 - a. All requisite action on the part of Licensor necessary for the execution, delivery, and performance of this License Agreement, and all other agreements of Licensor contemplated hereby, have been taken.
 - b. This License Agreement shall be interpreted and construed under the laws of the State of Michigan.
 - c. The captions and headings herein are for convenience and reference only and shall not be used to construe or interpret this License Agreement.
 - d. Whenever possible, each provision of this License Agreement shall be interpreted in such manner as to be effective and valid under applicable law, but if any such provision of this License Agreement is held to be prohibited by or invalid under applicable law, such provision shall be ineffective only to the extent of such prohibition or invalidity, without invalidating the remainder of such provision or the remaining provisions of the License Agreement; and the parties shall negotiate in good faith to replace such prohibited or invalid provision with the intent of preserving the original business intent thereof.
 - e. Where applicable, pronouns and relative words used herein shall be read as plural, masculine, feminine or neuter.
 - f. Any notices required or permitted to be given under the terms of this License Agreement shall be in writing and given by certified U.S. mail, postage prepaid, or by recognized courier service, and in any case duly and properly addressed to the party indicated below (or such other address as the party to whom such notice is to be given may specify from time to time by notice to the other party in accordance with this section):

City Clerk, City of Livonia
33000 Civic Center Dr
Livonia, MI 48154

Katie Pena
4600 Coolidge Hwy
Royal Oak, MI 48073

Each such notice shall be deemed to have been given and effective when mailed as evidence by the receipt of said mailing.

- g. This License Agreement may be executed and delivered in counterparts, including by a facsimile or an electronic transmission thereof, each of which shall be deemed an original. Any document generated by the parties with respect to this License Agreement, including this License Agreement, may be imaged and stored electronically and introduced as evidence in any proceeding as if original business records. Neither party will object to the admissibility of such images as evidence in any proceeding on account of having been stored electronically.

This License Agreement is contingent upon approval of use and issuance of any applicable or required permits by the respective governing municipality or governmental entity/agency. Should any of these contingencies not be satisfied, this License Agreement shall be null and void and any consideration paid hereunder shall be returned to Consumers.

IN WITNESS WHEREOF, the Licensor and Consumers have executed this License Agreement on the date first above written.

City of Livonia

Consumers Energy Company

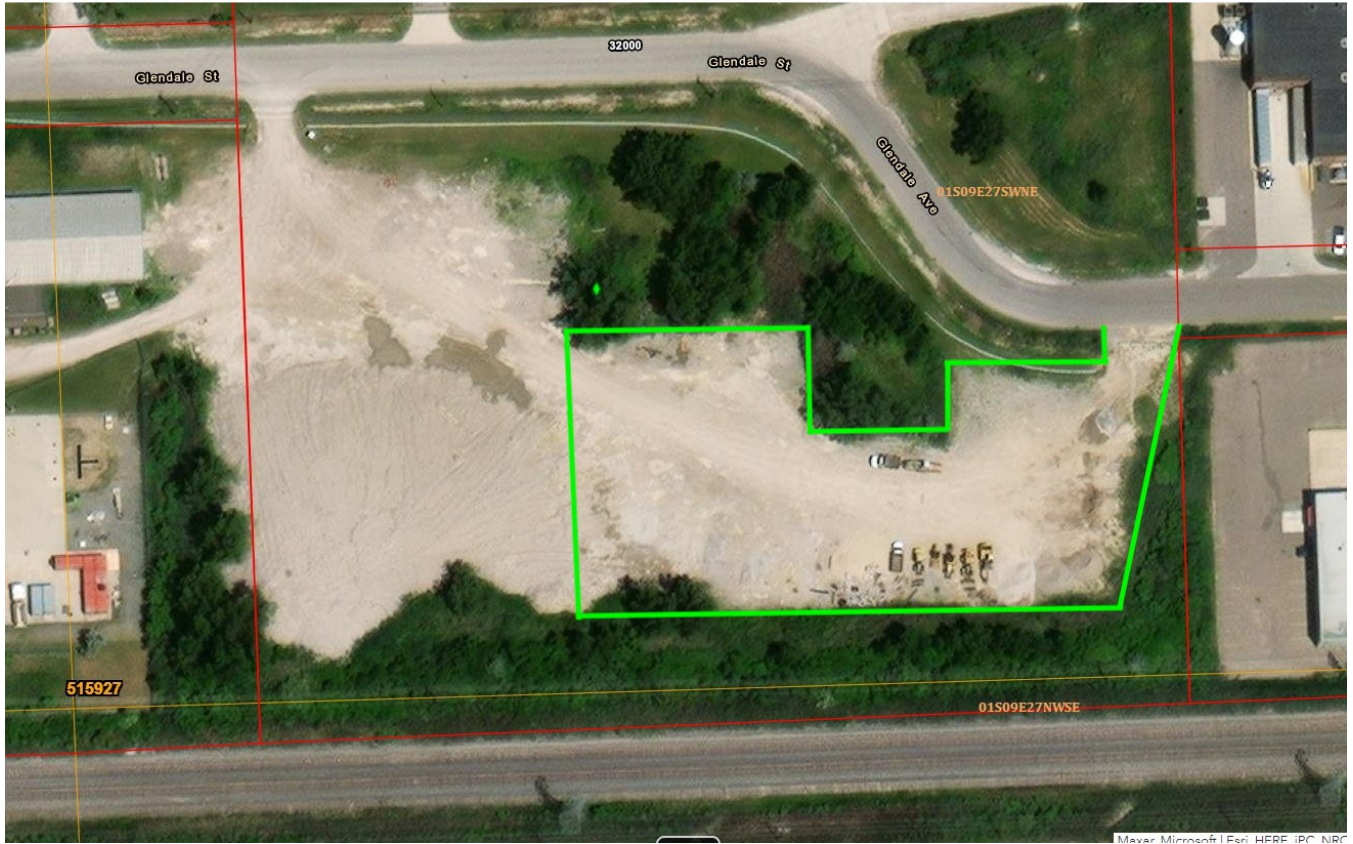
By: _____
Maureen Miller Brosnan
Its Mayor

By: _____
Katie Pena
Its Real Estate Acquisition, Project Manager

City of Livonia

By: _____
Lori Miller
Its City Clerk

Exhibit A



____Perimeter of Licensed Area____



LETTER TO THE LIVONIA CITY COUNCIL

20.

Council Office
December 3, 2024

MEETING DATE

R121824

PRESENTED BY

AGENDA ITEM

REQUEST TO AMEND COUNCIL RESOLUTION 18-24: Brandon McCullough, Council President, re: to replace Former Councilmember Jim Jolly as Parliamentarian with Councilmember Rob Donovic.

BACKGROUND DETAILS

Former Councilmember Jim Jolly stepped down from City Council as of December 2, 2024, creating a vacancy as Parliamentarian. Councilmember Rob Donovic has agreed to fill this position and will need approval by Council.

PREFERRED COUNCIL RECOMMENDATION/RESOLUTION (Please complete this field. Attachments are not to be used in lieu of the recommendation)

To approve the amendment of removing Councilmember Jim Jolly as Parliamentarian and add Councilmember Rob Donovic in his place.

ATTACHMENTS

1. R121824 LTC Parliamentarian change JJ to RD
2. R011724 Jim Jolly Parliamentarian CR 18-24

APPROVED BY

Regular Meeting Minutes of January 17, 2024

On a motion by Councilmember Donovic, supported by Councilmember Toy, it was:

018-24 RESOLVED, that having considered the report and recommendation of the Committee of the Whole, dated January 3, 2024, submitted pursuant to Council Resolution 498-05, the Council does hereby designate Jim Jolly as Parliamentarian of the City Council on a continuing basis, or until further order of this Council by council resolution.

A roll call vote was taken on the foregoing resolutions with the following result:

AYES: Ptashnik, Donovic, Budzinski, Toy, Jolly, and McCullough

NAYS: None

<i>UNFINISHED BUSINESS ITEM 9a (Regular Meeting of January 17,2024)</i>
--

Motion:	Jolly
Second:	Toy
Ayes:	Ptashnik, Donovic, Budzinski, Toy, Jolly, McCullough
Nays:	None
Absent:	Morgan