

OFFICE OF THE COUNCIL

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SCOTT BAHR
VICE PRESIDENT

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CATHY K. WHITE



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LIVONIA, MICHIGAN 48154-3097
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OFFICE OF THE COUNCIL

**ELECTRONIC AGENDA PACKET FOR
THE REGULAR MEETING OF
MONDAY, NOVEMBER 16, 2020
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.

AGENDA

1909th Regular Meeting of the Council of the City of Livonia Monday, November 16, 2020

7:00 PM

* Due to COVID-19, Livonia City Council meetings will not be held in the City Hall Auditorium

Live broadcast: AT&T Uverse Channel 99 / Spectrum Channel 203 /

WOW Channel 10 / YouTube.com/LivoniaTV

Connect on Zoom: <https://us02web.zoom.us/j/822419226> or phone at (312) 626-6799, ID: 822 419 226

To participate, use the 'Raise Hand' button on Zoom or press *9 on your phone to be called on

CALL TO ORDER

INVOCATION/PLEDGE OF ALLEGIANCE

ROLL CALL

PRESENTATION OF MINUTES

AUDIENCE COMMUNICATION

REPORTS FROM THE MAYOR AND OTHER CITY OFFICIALS

CONSENT AGENDA

- 1) [REQUEST FOR ONE-YEAR EXTENSION OF MAINTENANCE AGREEMENT WITH NEX-GEN E9-1-1: Division of Police, re: for maintenance of our NexGen E9-1-1 system for the period of 06-15-2020 to 06-14-2021. From budgeted funds.](#)
- 2) [REQUEST TO APPROVE INCREASE IN COMPENSATION FOR THE SUPERINTENDENT OF PARKS AND RECREATION: Department of Civil Service, re: to be in the same compensation range as other Directors in the City.](#)
- 3) [REQUEST TO APPROVE INCREASE IN COMPENSATION FOR THE ASSISTANT SUPERINTENDENT OF PARKS AND RECREATION: Department of Civil Service, re: to be within the same range as the Assistant Planning Director.](#)
- 4) [REQUEST TO RENEW THE CITY'S LIABILITY AND PROPERTY INSURANCE COVERAGE: Department of Finance, re: with the Michigan Municipal Risk Management Authority \(MMRMA\) for the period from December 1, 2020 to November 30, 2022.](#)
- 5) [REQUEST APPROVAL OF BUDGET ADJUSTMENTS FOR FISCAL YEAR ENDING NOVEMBER 30, 2020: Department of Finance, re: for additional contribution to the VEBA Fund and the Building Improvement Capital Projects Funds \(418\).](#)
- 6) [REQUEST TO ACCEPT QUOTATION FOR WORKERS' COMPENSATION INSURANCE: Department of Finance, re: with The ASU Group, to provide claims administration services and with Midwest Employers Casualty Company to provide excess insurance coverage when losses from any one claim reaches \\$600,000, for the period from December 1, 2020 to November 30, 2022.](#)

Agenda for the Regular Meeting of November 16, 2020

- 7) [REQUEST FOR AUTHORIZATION TO PURCHASE ONE \(1\) 2021 FREIGHTLINER, CAB AND CHASSIS TO BE BUILT AS A VACTOR TRUCK, THROUGH THE SOURCEWELL \(FORMERLY NJPA\) PURCHASING AGREEMENT: Public Service Division, re: a replacement vehicle to be used by the Water and Sewer Departments, from budgeted funds.](#)
- 8) [REQUEST TO AMEND CONTRACT WITH OHM ADVISORS AND AUTHORIZE APPROPRIATION AND EXPENDITURE: Engineering Division, re: for the 2021 Drinking Water State Revolving Fund \(DWSRF\) water main projects, Project 7453-01, to provide engineering design, administration and soils investigation services, from budgeted funds. \(CR 365-16\).](#)
- 9) [REQUEST TO RESCIND COUNCIL RESOLUTION 230-20 WHICH ACCEPTED A PUBLIC UTILITY EASEMENT FOR SANITARY SEWER EASEMENT AT 31800 ENTERPRISE DRIVE IN THE SOUTH 1/2 OF SECTION 27 AND HAVE THE UTILITY SERVICE REMAIN PRIVATE: Engineering Division, re: request from the owner, Livonia Estates Ltd. for the sanitary sewer to remain private.](#)
- 10) [REQUEST TO RESCIND COUNCIL RESOLUTION 231-20 WHICH ACCEPTED A PUBLIC UTILITY EASEMENT FOR SANITARY SEWER EASEMENT AT 11870 HUBBARD ROAD IN THE SOUTH 1/2 OF SECTION 27 AND HAVE THE UTILITY SERVICE REMAIN PRIVATE: Engineering Division, re: request from the owner, Livonia Estates Ltd. for the sanitary sewer to remain private.](#)

UNFINISHED BUSINESS

MEETINGS OF THE COMMITTEE

- 11) [CAPITAL OUTLAY & INFRASTRUCTURE COMMITTEE - Meeting of Monday, November 2, 2020 Subject matter of the emergency sewer repair and/or replacement along Edgewood Street and future costs related thereto \(CR 247-20\)](#)

New Data Item 11 i Letter from DPW

UNFINISHED BUSINESS

- 12) [PROPOSED AMENDMENT TO ZONING ORDINANCE NO. 543, AS AMENDED: Department of Law, re: Petition 2020-07-01-03 submitted by Leo Soave Building Company, Inc, for a change of zoning of property located on the south side of Lyndon Avenue between Newburgh and Hix Roads \(37855 Lyndon Avenue\), in the Southeast 1/4 of Section 19, from PL \(Public Land\) to R-1 \(One Family Residential\).](#)
- 13) [ROLL CALL: Proposed Amendment to the Livonia Code of Ordinances, as amended: Department of Law, re: to add Chapter 09 \(Department of Governmental Affairs\) of Title 2, to create and establish a department responsible for supporting the City of Livonia's governmental agenda. First Reading given by Council Vice President Scott Bahr on Wednesday, November 4, 2020.](#)
- 14) [ROLL CALL: Proposed Amendment to the Livonia Code of Ordinances, as amended: Department of Law, re: to amend Sections 010, 020 and 030 of Chapter 2.10 \(Department of the Office of the City Council\) to Title 2, to establish the responsibilities of Administration in the City Council office. First Reading given by Council Vice President Scott Bahr on Wednesday, November 4, 2020.](#)

Agenda for the Regular Meeting of November 16, 2020

- 15) [ROLL CALL: Proposed Amendment to the Livonia Code of Ordinances, as amended: Department of Law, re: to amend Sections 020 and 030 of Chapter 2.10 \(Department of Legislative Affairs\) to Title 2, to establish the responsibilities of the Director of Legislative Affairs and the Administrator in the City Council office.](#)
[First Reading given by Councilmember Jim Jolly on Wednesday, November 4, 2020.](#)
- 16) [ROLL CALL: Proposed Amendment to the Livonia Code of Ordinances, as amended: Department of Law, re: Petition 2020-07-03-03, submitted by Stonefield Engineering & Design on behalf of Haggerty Square, L.L.C., request to vacate a section of the existing public utility easement, located on the east side of Haggerty Road, between Seven Mile and Eight Mile Roads \(19700 and 19750 Haggerty Road\) in the Southwest 1/4 of Section 6. \(CR 270-20\)](#)
[First Read given by Councilmember Jim Jolly on Wednesday, November 4, 2020.](#)
- 17) [REQUEST TO AMEND COUNCIL RESOLUTION 256-20: Department of Law, re: Petition 2019-09-LS-18, for a lot split and combination for the properties located at the Southwest corner of Robert and MacIntyre Avenues, in the Northeast 1/4 of Section 35, \(29568 MacIntyre, 29551 Robert and 29525 Robert\) Parcel Nos. 46-137-01-0307-000, 46-137-01-0305-000 and 46-137-01-0306-000.](#)
- 18) [BLOCK PARTY: Katie Adams, re: to be held Saturday, November 21, 2020, from 8:30 a.m. to 10:30 a.m. on Dover Street, between Parent and Hees, with no rain date requested.](#)
- 19) [PROPOSED 2021 CITY COUNCIL MEETING SCHEDULE: City Council President Kathleen E. McIntyre, re: in accordance with the provisions of the Open Meetings Act, 1976 P.A. 267, as amended.](#)

[New Data Item 18 - Cancel block party request](#)

[New Data Item 19 - Revised 2021 Council calendar](#)

NEW BUSINESS

AUDIENCE COMMUNICATION

X-ITEM(S)

X1. ACCEPTANCE OF GRANT OF EASEMENT: Department of Law, re: secured without monetary consideration from Wonderland Outlots Subsidiary, LLC, for an 8-foot wide public utility easement for traffic and pedestrian signals at 30105 Plymouth Road in the Northeast 1/4 of Section 35. Parcel ID #46-137-99-0008-003.

SUSAN M. NASH, CITY CLERK

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 special needs. Please call (734) 466-2236 or email info@ci.livonia.gov if you need assistance. **Council agendas are available on the City's website at www.ci.livonia.gov - under Government, City Council, Agendas.**

**CITY OF LIVONIA ĩ CITY COUNCIL
MINUTES OF STUDY MEETING HELD NOVEMBER 4, 2020**

Meeting was called to order via Zoom remote technology at 8:41 p.m. by President Kathleen McIntyre. Present: Brandon McCullough, Jim Jolly, Laura Toy, Scott Bahr, Cathy White, and Kathleen McIntyre. Absent: Rob Donovic.

Councilmember McCullough led the meeting in the Pledge of Allegiance.

Elected and appointed officials present: Mark Taormina, Director of Planning and Economic Development; Todd Zilincik, City Engineer; Paul Bernier, City Attorney; Mike Slater, Director of Finance; Denise Maier, Director of Human Resources; Casey O'Neil, Director of Information Systems; and Jacob Rushlow, Director of Public Works

- 1) REQUEST FOR ONE-YEAR EXTENSION OF MAINTENANCE AGREEMENT WITH NEXGEN E9-1-1: Division of Police, re: for maintenance of our NexGen E9-1-1 system for the period of 06-15-2020 to 06-14-2021. From budgeted funds.

Curtis Caid, Chief of Police, presented this request to Council. He stated the item before Council is a request for authorization to extend the maintenance agreement with their Public Safety Dispatch Center, the E9-1-1 System, for one year. Their current agreement expired in June of this year and they are asking for an extension to June of 2021. Should Council approve this extension of the maintenance agreement, funds are appropriated for this extension in the special account fund which is specific to the Public Safety Communication System within Livonia, so no general funds are utilized for this, and again, if approved they will continue their agreement with Intrado/West Safety Solutions, which has been the provider for us for a number of years. Going into next year we anticipate an upgrade, a substantial upgrade of the system. Our current 911 system is really combined with the Conference of Western Wayne and other standalone public safety answering points in Western Wayne County and really throughout southeast Michigan which includes Text 911 and many other features. But this maintenance agreement extension would allow us to continue with this relationship with Intrado/West Safety Solutions to ensure the service provided to our community.

Vice President Bahr asked Caid why he is only requesting a one-year extension. When the previous one was five years. Chief Caid replied that he anticipates that next year they will be coming before Council for another new system basically, a whole new upgrade. So this is really a band-aid to keep us going through to address any kind of issues that might realize over this time period until we're ready to upgrade to the greatest and best that they have to offer at that particular time.

Vice President Bahr then offered an approving resolution for the Consent Agenda.

DIRECTION:

APPROVING

CONSENT



REPORT TO THE LIVONIA CITY COUNCIL

Police

October 14, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Laurie Anderson, Program
Supervisor, Police

AGENDA ITEM

REQUEST FOR ONE-YEAR EXTENSION OF MAINTENANCE AGREEMENT WITH NEX-GEN E9-1-1: Division of Police, re: for maintenance of our NexGen E9-1-1 system for the period of 06-15-2020 to 06-14-2021. From budgeted funds.

BACKGROUND

The Livonia Division of Police, with Council approval, replaced our 9-1-1 system with an upgraded version from Intrado/West Safety Solutions. This system, installed in 2014, is known as the Next Generation Enhanced 9-1-1 System or NexGen E9-1-1. In addition to installation, the contract with Intrado/West Safety Solutions included a five-year maintenance agreement, set to expire in 2020.

RECOMMENDATION

We are requesting the authority to enter into a one-year extension of our maintenance agreement with Intrado/West Safety Solutions, to allow for maintenance of our NexGen E9-1-1 system for the period of 06-15-2020 to 06-14-2021. The cost of this extension will be \$22,435.00. Funds are budgeted for this purpose in account #261-000-851-000.

Intrado/West Safety Solutions is the sole source provider for this maintenance on their proprietary system.

FISCAL CONSIDERATION

The cost of this one-year extension will be \$22,435.00 and funds are budgeted for this purpose in account #261-000-851-000. Vendor is the sole source provided for this maintenance on their system.

ATTACHMENTS

1. S110420 Nex-Gen E911 Minutes
2. One-Year Ext of Maint Agreement for NexGen E9-1-1 REVISED
3. S061614 Bid - Replacement of 911 System and Maintenance Agr (POLICE DEPT)

APPROVED BY

Date: October 22, 2020

Curtis Caid, Police Chief



Date: October 22, 2020

Michael T. Slater, Finance Director



Date: October 22, 2020

Paul Bernier, City Attorney



Date: October 23, 2020

Maureen Miller Brosnan, Mayor

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF POLICE

CURTIS CAID
CHIEF OF POLICE



MAUREEN MILLER BROSNAN
MAYOR

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

October 21, 2020

Honorable Members of Council
33000 Civic Center Drive
Livonia, MI 48154

RE: One-Year Extension of Maintenance Agreement for NexGen E9-1-1

Dear Council Members,

The Livonia Division of Police, with Council approval, replaced our 9-1-1 system with an upgraded version from Intrado/West Safety Solutions. This system, installed in 2014, is known as the Next Generation Enhanced 9-1-1 System or NexGen E9-1-1. In addition to installation, the contract with Intrado/West Safety Solutions included a five-year maintenance agreement, set to expire in 2020.

We are requesting the authority to enter into a one-year extension of our maintenance agreement with Intrado/West Safety Solutions, to allow for maintenance of our NexGen E9-1-1 system for the period of 06-15-2020 to 06-14-2021. The cost of this extension will be \$22,435.00. Funds are budgeted for this purpose in account #261-000-851-000.

Intrado/West Safety Solutions is the sole source provider for this maintenance on their proprietary system.

We are available to provide any additional information that Council may desire.
Thank you for your consideration in this matter.

Yours very truly,

Curtis Caid, Chief
Livonia Division of Police

Honorable Members of Council
Page 2
October 21, 2020

APPROVED FOR SUBMISSION:

Maureen Miller Brosnan, Mayor

FUNDS AVAILABLE:

Michael Slater, Finance Director

APPROVED AS TO FORM:

Paul Bernier, City Attorney

cc: Mayor, City Clerk, Law, Finance, D/C McDermott, Captain Goralski, File

Livonia Police Department
Departmental Correspondence

Date: September 18, 2020

To: Captain Goralski through Channels

Submitted by / Dept.: Steven Arslanian / Computer Services

Subject: ☒ Request for Purchase Order ☐ Request for Payment (invoice must be attached)

☐ Confirming Order (prior Admin. approval required)

Recommended Vendor/Address (if known): Intrado/West Safety Services
(On File)

Approvals: Name/ Title LT. M. J. #382 Name/ Title

Administrative Approval (Capt. Goralski): TS

Account Number (LEAVE BLANK): 261-000-851-020

Sole Source? ☐ N/A ☒ Yes ☐ No

Council Resolution # (over \$15,000):

Item / Description / Order Number	Cost each	Quantity	Total Cost
Intrado 911 Maintenance and Hardware Support Renewal (1yr)	22435.00	1	\$22,435.00
			0.00
Quote Number: 54134			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
Subtotal			\$22,435.00
Shipping & Handling (Enter S&H on page 2 if a second page is required, otherwise, enter S&H in "Cost each" column.)			\$0.00
TOTAL			\$22,435.00

Three (MITN) bids attached if between \$1,500 and \$15,000? ☐ Yes ☐ No ☒ N/A If no, why?

Sole Source

Other information / instructions: Please don't mail purchase order. Order will be complete online. Send to Steven.Arsanian@livoniapd.com

Submitted by (signature): Steven Arslanian #722

☒ If checked, please send copies to requestor.



Maintenance Renewal

for

Livonia Pd, MI

(Direct Sale)

Quote Number: 54134

Version: 2

October 20, 2020

The terms and conditions available at <https://www.intrado.com/legal-privacy/terms/call-handling> as of the date of this Quote will apply to this Quote, unless the parties have entered into a separate mutually executed agreement, or Customer is purchasing under a cooperative purchasing agreement. The terms of this Quote will govern any conflict with the above-mentioned terms, and Customer's issuance of a purchase order for any or all of the items described in this Quote will constitute acknowledgement and acceptance of such terms. No additional terms in Customer's purchase order will apply. This document contains confidential and proprietary information of Intrado, and such information may not be used or disclosed without prior written consent.

Summary Livonia

Item	Cost
Maintenance	\$22,435.00
Total:	\$22,435.00

Year	Systems	Professional Services	Recurring Services	Maintenance Services	Totals
Year 1				\$22,435.00	\$22,435.00
Totals				\$22,435.00	\$22,435.00

Configuration Parameters - Livonia

Site Configuration

Total Positions	7 (3 full, 4 Dark)
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Systems

VIPER Alarm Monitoring	\$2,800.00
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Maintenance

Software Subscription	\$5,355.00
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Software Protection and Remote Tech Support	\$2,142.00
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On-Site Maintenance	\$10,710.00
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Hardware Protection	\$1,428.00
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Model#	Description	Qty	List Price	Selling Price	Total
Software Subscription					
950999/SUB1-BU/1	Software Sub Service - /Position - Back Up Position Year 1	4	\$157.50	\$157.50	\$630.00
950999/SUB1/1	Software Subscription Service - /Position Year 1	3	\$1,575.00	\$1,575.00	\$4,725.00
Subtotal					\$5,355.00
Software Protection and Remote Tech Support					
950999/PRO1-BU/1	Soft Protect and Remote Tech Support - /Pos - Back Up Pos Year 1	4	\$63.00	\$63.00	\$252.00
950999/PRO1/1	Software Protection and Remote Technical Support - /Position Year 1	3	\$630.00	\$630.00	\$1,890.00
Subtotal					\$2,142.00
On-Site Maintenance					
950999/ONS1-1-BU/1	On-Site Maint - /Pos - 1 to 10 pos sys - Back Up Position Year 1	4	\$315.00	\$315.00	\$1,260.00
950999/ONS1-1/1	On-Site Maintenance, (per position / year for 1 to 10 positions) Year 1	3	\$3,150.00	\$3,150.00	\$9,450.00
Subtotal					\$10,710.00
VIPER Alarm Monitoring					
915137/SL2/1	Per Power911 position remote monitoring - VIPER Alarms Annual Subscense Fee Year 1	7	\$400.00	\$400.00	\$2,800.00
Subtotal					\$2,800.00
Hardware Protection					
950999/HPSA1-BU/1	Hardware Protect Stand Alone Sys - /Pos - Back Up Position Year 1	4	\$42.00	\$42.00	\$168.00
950999/HPSA1/1	Hardware Protection Stand Alone System - /Position Year 1	3	\$420.00	\$420.00	\$1,260.00
Subtotal					\$1,428.00
Total					\$22,435.00

Notes

- 1 This quote provides pricing to renew the customer's maintenance service agreement for a total of 7 call taking positions for the coverage period: March 30, 2020 through March 29, 2021.

Software Subscription, Software Protection and On-site maintenance have a coverage date of June 15, 2020 through June 14, 2021.

Previous quote: Q13852

This quote is configured to provide renewal of Software Protection and Remote Technical Support Services, Software Subscription Services, Hardware Protection On-Site maintenance and VIPER alarm monitoring.

- 2 **Software Subscription Service** provides the customer with access to software upgrades including new features. This offering only provides for the availability of the software. Installation and training (if needed) are not included. Any required hardware or operating system changes are also not included.

Intrado will provide periodic software release bulletins to customers which announce and explain new feature releases for Intrado software. Customers may then request the new release or version from Intrado based on applicability of the release to customer's system. The customer is responsible for installation of all these releases, unless the On-Site Maintenance Service is purchased. If On-Site Maintenance has not been purchased and the customer prefers to have Intrado deploy a new release, Intrado will dispatch appropriate personnel to perform the upgrade on a mutually agreed upon date at Intrado's then current prices for such services.

- 3 **Software Protection and Remote Technical Support** is a coverage requirement with the purchase and ownership of Intrado CPE system equipment.

Software Protection and Remote Technical Support cannot be deleted from quotes or system orders. Once a Software Protection and Remote Technical Support service contract is established for the site during system initial purchase, all items subsequently added to the site will not require an additional contract, but the acquisition of additional positions will increase the price of the services.

- a. For sites with one year coverage contracts, the increased price will be reflected in the quote at the next contract renewal point.
- b. For sites with multi-year agreements, the customer will be required to retract the remaining years of the original purchase order and issue a new purchase order for the remaining period covering the original system and new positions.

If a contract for Software Protection and Remote Technical Support expires without renewal, causing a lapse in coverage, the customer's access to the Support Center will be discontinued and a notification of services termination will be issued. Reinstatement of the lapsed coverage will require the following from the customer:

- a) Payment in full for the lapsed period at the prevailing per-seat rate
- b) Purchase of a new maintenance agreement (one-year or five-year)
- c) System Recertification fees in the form of a Class A inspection at \$1,500.00 per day plus related travel and expense charges.

Software Protection

This offering provides for the availability of software product updates. Installation and training (if needed) are not included. Intrado will publish periodic software release bulletins to customers which announce important product updates for Intrado software. Customers may then request the new update from Intrado based on applicability of the release to customer's system. Customer is responsible for installation of all these releases, unless the On-Site Maintenance Service is purchased. If On-Site Maintenance has not been purchased and the customer prefers to have Intrado deploy a new release, Intrado will dispatch appropriate personnel to perform the upgrade on a mutually agreed upon date at Intrado's then current prices for such services.

Remote Technical Support

Support is provided by associates who specialize in the diagnosis and resolution of system performance issues. Remote Technical Support is available 24/7 through both a toll free hotline and a secure customer Internet portal. All service inquiries are tracked by a state-of-the-art CRM trouble ticket system that can be queried by customers through the online portal to obtain the most up-to-date status on their issues.

- 4 **On-site Support Services** are primarily designed to assist with issues that require system expertise in troubleshooting and restoration at the customer's location.

On-site Support Services include travel costs and time and labor related to the service incident. Also included in the service are quarterly on-site preventative and routine maintenance reviews (four per year) of the customer's Intrado system. These maintenance visits can include the installation of routine updates to software. Training, configuration changes, reprogramming and system upgrade labor are not included in this offering, but are available for purchase.

On-Site Support Services options include the designation of a technician dedicated specifically to the customer's deployment(s), or alternately a non-dedicated resource available for use with other customers. Intrado may engage third-party vendors to provide the On-Site Support Services.

- 5 **Hardware Protection Service** provides for the replacement of any non-operating Intrado provided hardware component, with the exception of monitors. This offering only provides for the replacement of the hardware item. Installation services and training (if needed) are not included. This service does not cover items where warranty has been voided due to abuse, Force Majeure or other actions.

When the Intrado Technical Support Center concludes that an item is non-operational, a fully functioning new or refurbished unit will be shipped to the customer. This unit will then become the property of the customer and will restore the functionality of the non-working item, but it may not be the exact same model as the original. The shipment of the replacement item will include a pre-printed shipping label used for the return of the nonworking item from the customer.

Terms

VENDOR NAME	Intrado Life & Safety Solutions Corporation Include quote number and customer EIN/Tax Identification Number on P.O.
SUBMIT P.O.	ordermanagement.safetyservices@west.com
PRICING	All prices are in USD Taxes, if applicable, are extra. Handling and Shipping charges are extra unless specified on the quote.
SHIPPING TERMS	FCA (Montreal), INCOTERMS 2010
PAYMENT	Per Contract
DELIVERY	TBD
VALIDITY	Quote expires on April 15, 2021. However, part numbers beginning with Q, such as QXXXXX, constitute unique third-party components. These components, including model and price, (i) may be subject to change at any time; and (ii) are non-cancellable, non-refundable, and non-exchangeable at any time.
COPYRIGHT	The information contained in this document is proprietary to Intrado Life & Safety Solutions Corp and is offered solely for the purpose of evaluation.

Revision History

Revision Level	Proposal Writer	Notes	Date Revised
1	DRICHMOND	Original	May 12, 2020
2	VYOCKEY	V2- Add dates	October 20, 2020

RE: Checking In



McGeary, Christopher J. <cmcgeary@intrado.com>

Yesterday, 2:44 PM

Steven Arslanian ✕

📧 Reply all | ▾

You replied on 10/21/2020 3:38 PM.



Livonia Pd MI 54134v2 ... ▾

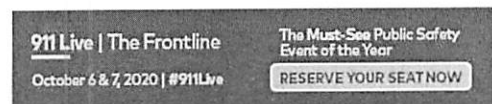
228 KB

Download

Hey Steve,

Sorry for the hold up. Here is the quote with the dates added. I'm guessing the question will come up about why they don't all match, and it looks like the SWPRO, SWSUB, and On-site were given a few months of additional coverage back at the beginning of the contract. Dates are all in there though and should be good to go!

Thanks,



Chris McGeary

Account Executive | **Intrado – Life & Safety** | Pennsylvania

O: 814-932-9998 | cmcgeary@west.com | www.intrado.com



From: McGeary, Christopher J.

Sent: Tuesday, October 20, 2020 11:02 AM

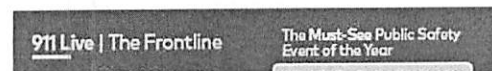
To: Steven Arslanian <steven.arslanian@livoniapd.com>

Subject: RE: Checking In

Hi Steve,

I checked with the proposal writer that's working on that she'll have it to me shortly. I'll send it over in the next few hours.

Thanks,



BID

(Police Div)

Approval of a change order for additional expenditure to Intrado Systems Corporation for equipment and installation costs associated with the purchase of a Next Generation 9-1-1 System. (CR 196-14)

#148-15 RESOLVED, that having considered the report and recommendation of the Chief of Police, dated April 15, 2015, which bears the signature of the Director of Finance, is approved by the Department of Law and is approved for submission by the Mayor, the council does hereby authorize a change order for equipment and installation costs associated with the purchase of a Next Generation 9-1-1 System, and authorizes an additional expenditure in the amount of \$9,875.00, payable to Intrado Systems Corporation, 1601 Dry Creek Drive, Longmont, Colorado 80503, over and above the previously authorized amount in Council Resolution #196-14, adopted on July 7, 2014, for a total cost of \$153,320.08, for the reasons indicated in the aforementioned report and recommendation; FURTHER, the Council does hereby authorize an additional appropriation and expenditure in an amount not to exceed \$9,875.00 from funds already budgeted in Account No. 261-000-987-000 for this purpose, and the Mayor and City Clerk are hereby authorized to execute a contract, for and on behalf of the City of Livonia, with the aforesaid company and to do all things necessary or incidental to the full performance of this resolution.

MAY 18 2015

CONSENT AGENDA ITEMS (Regular Meeting of May 18, 2015)

Motion by: Toy
Seconded by: Pastor

ROLL CALL:

Ayes: Kritzman, Pastor, Toy, Scheel, Nash, and Brosnan

Nays: None
Absent: Meakin

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD MAY 6, 2015**

Meeting was called to order at 8:12 p.m. by Vice-President Meakin. Present: Brandon Kritzman, John Pastor, Laura Toy, Lynda Scheel, Susan Nash, and Brian Meakin. Absent: Maureen Miller Brosnan.

Elected and appointed officials present: Todd Zilincik, City Engineer; Mark Taormina, Director of Planning and Economic Development; Eric Goldstein, Assistant City Attorney; Susan Hoff, City Clerk; and Mayor Jack Kirksey.

14. REQUEST FOR ADDITIONAL APPROPRIATION AND EXPENDITURE:
Division of Police, re: for equipment and installation costs associated with the purchase of a Next Generation 9-1-1 System. (CR 196-14)

Police Chief Curtis Caid presented the request to Council. The Livonia Division of Police is requesting authorization to exceed their spending authority under Council Resolution #196-14, which is the purchase of a Next Generation 9-1-1 system. Council originally authorized an expenditure of \$143,445.08 to Intrado Systems for the equipment and installation. Unforeseen equipment and installation added an additional \$10,435.00 to the project. However, they were able to save \$560.00 through another change order. They are requesting authorization to expend an additional \$9,875.00, bringing the total to \$153,320.08 for the purchase and installation of the Next Generation 9-1-1 system. Funds are available.

Scheel offered the approving resolution for the Consent Agenda.

DIRECTION:

APPROVING

CONSENT

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF POLICE

CURTIS CAID
CHIEF OF POLICE



JACK E. KIRKSEY
MAYOR

15050 FARMINGTON ROAD
LIVONIA, MICHIGAN 48154-5499
(734) 466-2470
FAX: (734) 261-2265

April 15, 2015

Honorable Members of Council
33000 Civic Center Drive
Livonia, MI 48154

RE: Request to Exceed Spending Authority - Council Resolution #196-14

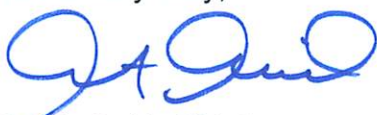
Dear Council Members,

The Livonia Division of Police is requesting authorization to exceed our spending authority under Council Resolution #196-14, which is the purchase of a Next Generation 9-1-1 system. Council originally authorized an expenditure of \$143,445.08 to Intrado Systems for the equipment and installation. Unforeseen equipment and installation added an additional \$10,435.00 to the project. However, we were able to save \$560.00 through another change order.

We are requesting authorization to expend an additional \$9,875.00, bringing the total to \$153,320.08 for the purchase and installation of the Next Generation 9-1-1 system. Funds are available in account #261-000-987-000.

We are available to provide any additional information that Council may desire on this matter. Thank you for your consideration in this matter.

Yours very truly,


Curtis Caid, Chief
Livonia Division of Police

Honorable Members of Council
Page 2
April 15, 2015

APPROVED FOR SUBMISSION:

Jack Kirksey, Mayor

FUNDS AVAILABLE:

Michael Slater, Finance Director

APPROVED AS TO FORM:

Donald L. Knapp, Jr., City Attorney

cc: Mayor, City Clerk, Law, Finance, D/C McDermott, Captain Nenciarini, Captain Taig,
Lt. Petrovitch, File

Regular Meeting Minutes of July 7, 2014**POLICE DEPT**

Approval to purchase a new next generation, enhanced 9-1-1 system ("NexGen E9-1-1") with additional options to improve the redundancy and expandability of the system from Intrado Systems Corporation and enter into a six-year maintenance agreement for the NexGen E9-1-1 System.

#196-14 RESOLVED, that having considered the report and recommendation of the Chief of Police, dated May 28, 2014, which bears the signature of the Finance Director, is approved as to form by the City Attorney, and is approved for submission by the Mayor, the Council does hereby authorize the purchase of a new next generation, enhanced 9-1-1 system ("NexGen E9-1-1") with additional options to improve the redundancy and expandability of the system from Intrado Systems Corporation, 1601 Dry Creek Drive, Longmont, Colorado 80503, in an amount not to exceed \$143,445.08, the same having been in fact the lowest bid received that meets all specifications; FURTHER, the Council does hereby authorize the Mayor and City Clerk, for and on behalf of the City of Livonia, to enter into a six-year maintenance agreement for the NexGen E9-1-1 System in an amount not to exceed \$80,750.00; FURTHER, the Council does hereby authorize and expenditure in a total amount not to exceed \$224,195.08 from funds budgeted in Account No. 261-000-987-000 for this purpose, and the Mayor and City Clerk are hereby authorized to execute a contract, for and on behalf of the City of Livonia, with the aforesaid company and to do all things necessary or incidental to the full performance of this resolution.

CONSENT AGENDA ITEMS (Regular Meeting of July 7, 2014)

Motion by: Meakin
Seconded by: Scheel

ROLL CALL:

Ayes: Scheel, Nash, Kritzman, Pastor, Meakin, Toy, and Brosnan

Nays: None

Absent: None

Regular Meeting Minutes of July 7, 2014**POLICE DEPT**
See CR 196-14

A communication from the Department of Public Safety, dated July 1, 2014, re: clarification on Award of Bid – Police Department 9-1-1 System Replacement and Request to Enter into a 5-year Maintenance Agreement for the System was received and placed on file for the information of the Council.

JUL 7 2014

REGULAR MEETING JULY 7, 2014

Councilmembers Present: Scheel, Nash, Kritzman, Pastor, Meakin, Toy, and Brosnan

Councilmember(s) Absent: None

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF POLICE

CURTIS CAID
CHIEF OF POLICE



JACK E. KIRKSEY
MAYOR

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

July 1, 2014

Honorable Members of Council
33000 Civic Center Drive
Livonia, MI 48154

RE: (Clarification) Award of Bid – Police Department 9-1-1 System Replacement
and Request to Enter into a 5-year Maintenance Agreement for the System

Dear Council Members,

For clarification purposes reference Council's approval to purchase a new Next Generation, Enhanced 9-1-1 System, also known as "NexGen E9-1-1." The Livonia Division of Police is requesting authorization to spend \$224,195.08, from budgeted funds, which is the amount that was originally requested at the Study Meeting held on June 16, 2014. The breakdown of the expenditure is: \$143,445.08 for the 9-1-1 system and related upgrades that will allow for redundancy and expandability; and \$80,750.00 for the five-year maintenance agreement, which begins after the first year.

Funds are budgeted for this purpose in account #261-000-987-000.

Honorable Members of Council
Page 2 of 2
July 1, 2014

We are available to provide any additional information that Council may desire on this matter. Thank you for your consideration.

Yours very truly,

Curtis Caid, Chief
Livonia Division of Police

APPROVED FOR SUBMISSION:

FUNDS AVAILABLE:

Jack Kirksey, Mayor

Michael Slater, Finance Director

APPROVED AS TO FORM:

Donald L. Knapp, Jr., City Attorney

cc: Mayor, City Clerk, Law, Finance, Captain Nenciarini, Lt. Petrovitch, file

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD JUNE 16, 2014**

Meeting was called to order at 8:00 p.m. by Vice-President Meakin. Present: Lynda Scheel, Susan Nash, Brandon Kritzman, Laura Toy, and Brian Meakin. Absent: John Pastor and Maureen Miller Brosnan.

Elected and appointed officials present: Todd Zilincik, City Engineer; Mark Taormina, Director of Planning and Economic Development; Don Knapp, City Attorney; Terry Marecki, City Clerk; and Mayor Jack E. Kirksey.

11. AWARD OF BID: Division of Police, re: for a new Next Generation, Enhanced 9-1-1 System ("NexGen E9-1-1") and a five-year maintenance agreement, from budgeted funds.

Police Chief Curtis Caid presented the request to Council. The Livonia Division of Police issued a request for proposal for a new Next Generation, Enhanced 9-1-1 System, also known as "NexGen E9-1-1". The request was advertised in the Livonia Observer and Eccentric Newspaper and on the Michigan Inter-governmental Trade Network (MITN). We received two bids; one from Intrado Systems Corporation and the other from AT&T. This new 9-1-1 System will replace our current system which is 20 years old and at end-of-life. Our current system is also by Intrado and has been very reliable. The new system will support "text to 9-1-1", when it becomes available, and will be scalable as future technology and state mandates occur. "Text to 9-1-1" is a hot topic across the country and the Federal Communications Commission (FCC) is pushing for the telecommunications industry to support this feature. Due to the technical nature of this project, we hired a consultant to guide us through the process of specifying an appropriate system for the City of Livonia, and to assist us with evaluating the proposals that we received. Upon reviewing the proposal from Intrado, they offered options that improved the redundancy and expandability of the system which we determined were beneficial. These options increased the overall price to \$224,195.08, which includes maintenance fees. This price is still substantially lower than AT&T's price. AT&T also failed to meet our bid specifications by refusing to provide a cost for "text to 9-1-1." They are recommending that Intrado Systems Corporation be awarded this contract as low bidder meeting all specifications. They are also asking for the authority to enter into a five-year maintenance agreement for the system at a cost of:

First year:	Included
Year 2:	\$13,750
Years 3 - 6:	\$16,750 each year

Funds are budgeted for this purpose. Chief Caid said their IT Specialist, Dan Loftus was present to answer any technical questions Council may have regarding this request.

Toy offered the approving resolution for the Consent Agenda.

DIRECTION:

APPROVING

CONSENT

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF POLICE

CURTIS CAID
CHIEF OF POLICE



JACK E. KIRKSEY
MAYOR

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

May 28, 2014

Honorable Members of Council
33000 Civic Center Drive
Livonia, MI 48154

RE: Award of Bid – Police Department 9-1-1 System Replacement and Request
to Enter into a 5-year Maintenance Agreement for the System

Dear Council Members,

The Livonia Division of Police issued a request for proposal for a new Next Generation, Enhanced 9-1-1 System, also known as “NexGen E9-1-1”. The request was advertised in the Livonia Observer and Eccentric Newspaper and on the Michigan Inter-governmental Trade Network (MITN). We received two bids; one from Intrado Systems Corporation and the other from AT&T. The bids were publicly opened on January 7, 2014 with the following results:

Intrado Systems Corporation 1601 Dry Creek Drive Longmont, CO 80503 1-514-345-2200	\$174,686.25
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AT&T 16025 Northland Drive Southfield, MI 48075 1-248-395-1856	\$236,437.00
---	--------------

Honorable Members of Council
Page 2 of 3
May 28, 2014

This new 9-1-1 System will replace our current system which is 20 years old and at end-of-life. Our current system is also by Intrado and has been very reliable. The new system will support "text to 9-1-1", when it becomes available, and will be scalable as future technology and state mandates occur. "Text to 9-1-1" is a hot topic across the country and the Federal Communications Commission (FCC) is pushing for the telecommunications industry to support this feature.

Due to the technical nature of this project, we hired a consultant to guide us through the process of specifying an appropriate system for the City of Livonia, and to assist us with evaluating the proposals that we received. Upon reviewing the proposal from Intrado, they offered options that improved the redundancy and expandability of the system which we determined were beneficial. These options increased the overall price to \$224,195.08, which includes maintenance fees. This price is still substantially lower than AT&T's price. AT&T also failed to meet our bid specifications by refusing to provide a cost for "text to 9-1-1."

We recommend that Intrado Systems Corporation be awarded this contract as low bidder meeting all specifications. We are also asking for the authority to enter into a five-year maintenance agreement for the system at a cost of:

First year:	Included
Year 2:	\$13,750
Years 3 - 6:	\$16,750 each year

Funds are budgeted for this purpose in account # 261-000-987-000.

The technical documentation is approximately 200 pages in length. We will be happy to supply, if requested. Otherwise, we will bring the documentation to the meeting for review.

We are available to provide any additional information that Council may desire. Thank you for your consideration in this matter.

Yours very truly,

Curtis Caid, Chief
Livonia Division of Police

Honorable Members of Council
Page 3 of 3
May 28, 2014

APPROVED FOR SUBMISSION:

FUNDS AVAILABLE:

Jack Kirksey, Mayor

Michael Slater, Finance Director

APPROVED AS TO FORM:

Donald L. Knapp, Jr., City Attorney

cc: Mayor, City Clerk, Law, Finance, Captain Nenciarini, Lt. Petrovitch, file

DEPARTMENT OF FINANCE

Michael T. Slater
DIRECTOR OF FINANCE

Coline Coleman
CHIEF ACCOUNTANT



JACK E. KIRKSEY
MAYOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2260
FAX: (734) 466-1807

November 27, 2013

Livonia Observer and Eccentric
615 W. Lafayette Blvd.
Detroit, MI 48226

Dear Sir or Madam:

Please publish the attached advertisement for bid in the Thursday, December 5, 2013 edition of the Livonia Observer.

RFB for 911 System 2014

Thank you for your kind and immediate attention to this request.

Very truly yours,

Michael T. Slater
Director of Finance

MTS: ml
Attachment

cc: Mayor, City Clerk, Police Chief Caid, Capt. Nenciarini

NOTICE TO BIDDERS

CITY OF LIVONIA, MICHIGAN

**REQUEST FOR PROPOSALS TO FURNISH AND INSTALL
A TURNKEY NexGen E-9-1-1 SYSTEM
FOR THE POLICE DEPARTMENT OF THE CITY OF LIVONIA, MICHIGAN**

Sealed proposals will be received by the City of Livonia, Michigan as owner until 2:00 PM on Tuesday, January 7, 2014 at the office of the City Clerk, Livonia City Hall, 33000 Civic Center Drive, Livonia, Michigan 48154 to furnish and install equipment, accessories, hardware, software, labor, training and materials necessary for a turnkey E-9-1-1 System for the Police Department of the City of Livonia, Michigan.

Instructions to bidders and specifications may be obtained by registering with the Michigan Inter-Governmental Trade network (MITN) at
www.govbids.com/scripts/mitn/Public/home1.asp

A **MANDATORY pre-bid meeting** and walk-through will be held at the Livonia Police Department, 15050 Farmington Road, Livonia, MI 48154 on Friday, December 6, 2013 at 9:00 AM. **All interested vendors must attend this meeting in order to qualify to bid on this proposal.**

Each proposal shall be accompanied by a certified check in the amount of ten percent (10%) of the proposal, payable to the City of Livonia, as security for the acceptance of the contract. A bid bond on the Michigan Standard Form, issued by an approved Surety Company, may be furnished in lieu of a certified check. No electronic or late bids will be allowed.

All bids shall be opened publicly at the date and time specified. Bids shall be in accordance with the requirements of this notice in order to be deemed "responsive."

Bids are to be submitted in a sealed envelope, plainly marked "E-9-1-1 System" and received by the City Clerk of the City of Livonia, 33000 Civic Center Drive, Livonia, Michigan 48154 on or before the time and date given above.

Six (6) copies of the response should be submitted.

No bidder may withdraw, modify or otherwise change his proposal once the bids have been opened. The right to accept any bid, to reject any or all proposals and to waive irregularities in bidding is reserved by the individual jurisdictions. Acceptance of any bid does not constitute a binding agreement until a written Contract is signed by both parties.

Jack E. Kirksey
Mayor, City of Livonia

**CITY OF LIVONIA ĩ CITY COUNCIL
MINUTES OF STUDY MEETING HELD NOVEMBER 4, 2020**

Meeting was called to order via Zoom remote technology at 8:41 p.m. by President Kathleen McIntyre. Present: Brandon McCullough, Jim Jolly, Laura Toy, Scott Bahr, Cathy White, and Kathleen McIntyre. Absent: Rob Donovic.

Councilmember McCullough led the meeting in the Pledge of Allegiance.

Elected and appointed officials present: Mark Taormina, Director of Planning and Economic Development; Todd Zilincik, City Engineer; Paul Bernier, City Attorney; Mike Slater, Director of Finance; Denise Maier, Director of Human Resources; Casey O'Neil, Director of Information Systems; and Jacob Rushlow, Director of Public Works

2) REQUEST TO APPROVE INCREASE IN COMPENSATION FOR THE SUPERINTENDENT OF PARKS AND RECREATION: Department of Civil Service, re: to be in the same compensation range as other Directors in the City.

Denise Maier, Director of Human Resources, presented this request to Council. She stated the item before Council this evening from the Civil Service Commission, is part of a reorganization plan that was implemented at the City and what they are looking for is Council's approval of a modification to the compensation range for the Superintendent of Parks and Recreation position due to the increased responsibilities this position has been assigned as part of the reorganization. This request is not unprecedented, it was equivalent to the compensation change that was made when our Planning Director took on the economic development responsibilities and became the Economic Development and Planning Director. Council has been provided the different salary ranges, it's not a new salary range, it's a salary range that is currently in effect for the Finance Director, the Economic Development and Planning Director, and the Director of Public Works. So it's not a new compensation range, it is in place right now. And it's due to the, as mentioned, the increase in responsibilities as part of the reorganization.

Councilmember Toy stated all the words and attributes Denise gave to this new position so to speak are well read and well-studied information. She then stated she would like to offer an approving resolution for the Consent Agenda.

Councilmember Jolly stated that even before taking on the responsibilities of Greenmead, the Superintendent of Parks and Recreation was probably underpaid before those responsibilities were added, the person who is currently in that role, obviously Ted Davis is doing an excellent job, but taking him out of it personally, the person who has those roles as the Superintendent of Parks and Recreation, it's really the face of Livonia in so many different ways, he has many different programs that impact our residents on such an extreme level. We should be compensating this person more for the time and the effort they're putting forth, and the vast



REPORT TO THE LIVONIA CITY COUNCIL

Civil Service
October 22, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Katie Barbee, Program Supervisor, Civil
Service

AGENDA ITEM

REQUEST TO APPROVE INCREASE IN COMPENSATION FOR THE SUPERINTENDENT OF PARKS AND RECREATION: Department of Civil Service, re: to be in the same compensation range as other Directors in the City.

BACKGROUND

At the Civil Service Commission meeting of September 30, 2020, with the minutes approved on October 21, 2020, the Civil Service Commission approved the following resolution:

Upon a motion by Ms. Mahoney, seconded by Mr. Spence, and adopted, it was

20-95 RESOLVED, that having reviewed the letter dated September 9, 2020, from Mayor Maureen Miller Brosnan, requesting a change in compensation range for the position of Superintendent of Parks & Recreation, to be the same compensation range as the Planning & Economic Development Director, Finance Director, and the Director of Public Works, due to the City's reorganization plan, the Civil Service Commission does hereby approve the request.

If approved, this change will be effective December 1, 2020.

RECOMMENDATION

FISCAL CONSIDERATION

Funding available.

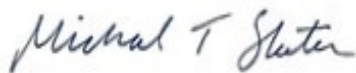
ATTACHMENTS

1. S110420 Superintendent Increase Minutes
2. Letter to Council Transmitting Salary Range Adjustment for PR Superintendent 10232020

APPROVED BY

Denise Maier, Human Resources Director

Date: October 23, 2020



Michael T. Slater, Finance Director

Date: October 23, 2020



Paul Bernier, City Attorney

Date: October 23, 2020



Maureen Miller Brosnan, Mayor

Date: October 23, 2020

responsibilities that they have, now, of course, but even before this took place. And the same is true for the Assistant Superintendent that will be coming up as the next agenda item as well. He said that having this in line with the other department heads is absolutely appropriate.

DIRECTION:

APPROVING

CONSENT

CIVIL SERVICE DEPARTMENT

MAUREEN MILLER BROSNAN
MAYOR

CIVIL SERVICE COMMISSION

ROGER L. SPENCE, CHAIRPERSON
CHARLOTTE S. MAHONEY, COMMISSIONER
JAMES WENSON, COMMISSIONER



MEMBER IPMA-HR /SHRM
International Public Management Association
for Human Resources
Society for Human Resources Management

DENISE C. MAIER, SPHR
HUMAN RESOURCES DIRECTOR

October 22, 2020

Honorable Members of City Council
City of Livonia

Subject: Request for Increase in Compensation for Superintendent of
Parks & Recreation

Dear Council Members:

At the Civil Service Commission meeting of September 30, 2020, with the minutes approved on October 21, 2020, the Civil Service Commission approved the following resolution:

Upon a motion by Ms. Mahoney, seconded by Mr. Spence, and adopted, it was

20-95 RESOLVED, that having reviewed the letter dated September 9, 2020, from Mayor Maureen Miller Brosnan, requesting a change in compensation range for the position of Superintendent of Parks & Recreation, to be the same compensation range as the Planning & Economic Development Director, Finance Director, and the Director of Public Works, due to the City's reorganization plan, the Civil Service Commission does hereby approve the request.

If approved, this change will be effective December 1, 2020.

If you have any questions concerning this matter, please call me at (734) 466-2527.

APPROVED FOR SUBMISSION:

Sincerely,


Maureen Miller Brosnan
Mayor


Denise C. Maier, SPHR
Human Resources Director

FUNDS AVAILABLE:



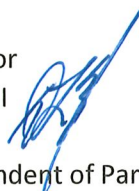
Michael T. Slater, Director of Finance

kb

Attachment

cc: Maureen Miller Brosnan, Mayor; Susan, Nash, City Clerk; Paul Bernier, City Attorney; Michael T. Slater, Director of Finance; Ted Davis, Superintendent of Parks and Recreation; Civil Service Commission

Memorandum

To: Denise C. Maier, SPHR, Human Resources Director
 From: Derrick L. Washington, SPHR, Personnel Analyst II 
 Date: September 17, 2020
 Subject: Salary Range Adjustment Request for Superintendent of Parks and Recreation Position

In correspondence dated September 9, 2020, Mayor Maureen Miller Brosnan requests the Civil Service Commission approve an increase in the compensation range for the position of Superintendent of Parks and Recreation. The request results from a reorganizational plan being implemented by the City, which includes the Superintendent being assigned direction of the Livonia Senior Center and its programs, and Greenmead Historical Park and its programs. The reassignment of these programs significantly increases the responsibilities of the Superintendent position.

This type of salary adjustment has been approved in the past when the Planning Director received additional responsibilities for the City's Economic Development department. If approved, this would put the Superintendent of Parks and Recreation at the same compensation range as the Planning and Economic Development Director, Finance Director, and Director of Public Works.

In the Livonia **CITY CHARTER**, the Civil Service Commission is given the authority in Chapter V, EXECUTIVE DIVISION, Section 16. Department of Civil Service. (b) Powers and Duties of Commission. "In order to carry out and make effective the purpose and intent of the provisions of this charter in establishing a civil service system, the Civil Service Commission shall (1) establish and administer a position-classification plan, an examination program, a schedule of compensation,"etc.

The current and requested new salary schedules are listed below. The current budget impact would be \$4,373, which was factored into the budget-reducing reorganization plan. If approved, the Mayor is requesting the change be effective upon approval by the City Council.

	Current Superintendent of Parks & Rec Salary Range	New Superintendent of Parks & Rec Salary Range (if Approved)
STEP 1	91,270.40	105,227.20
STEP 1.5	93,038.40	107,348.80
STEP 2	94,785.60	109,366.40
STEP 3	98,592.00	113,776.00
STEP 4	102,668.80	118,456.00
STEP 5	106,662.40	123,073.60

It is recommended the Civil Service Commission approve Mayor Miller Brosnan's request to change the salary range for the Superintendent of Parks and Recreation position due to the reorganization and increased management responsibility.

COMMENTS FROM THE HUMAN RESOURCES DIRECTOR:

Concur.
Denise C. Maier
 dlw *9-18-2020*

OFFICE OF THE MAYOR

MAUREEN MILLER BROSNAN
MAYOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2201
mayor@ci.livonia.mi.us



September 9, 2020

Civil Service Commission
City of Livonia

Dear Commission Members,

As part of a reorganization plan being implemented in the City, the Superintendent of Parks & Recreation has been assigned direction of both the Livonia Senior Center and its programs, and Greenmead Historical Park and its programs. These are significant additional responsibilities, encompassing employees and programs totaling about \$1.2 million.

Given these changes, we request your approval of an increase in compensation range for the position of Superintendent of Parks & Recreation commensurate with the significantly increased responsibility of the position.

The requested move is not unprecedented. It would be equivalent to the compensation change that was approved when the Economic Development responsibilities were added to the Planning Director's duties several years ago. If approved, this would put the Superintendent of Parks & Recreation at the same compensation range as the Planning & Economic Development Director, Finance Director and Director of Public Works.

The current budget impact would be \$4,373, which was factored into the budget-reducing reorganization plan. If approved, we ask that this change be effective upon approval by the Livonia City Council.

We greatly appreciate your consideration of this request.

Sincerely,


Maureen Miller Brosnan
Mayor

RECEIVED

SEP 11 2020

LIVONIA CIVIL
SERVICE

**CITY OF LIVONIA
ADMINISTRATIVE & PROFESSIONAL SALARIES
2019-2022 WAGE RATE SCHEDULE
EFFECTIVE 12/1/2019**

CLASSIFICATION		2%			2.5%			3%		
		2019-2020			2020-2021			2021-2022		
		HOURLY	BI-WEEKLY	ANNUAL	HOURLY	BI-WEEKLY	ANNUAL	HOURLY	BI-WEEKLY	ANNUAL
PLANNER III	STEP 1	29.89	2,391.20	62,171.20	30.64	2,451.20	63,731.20	31.56	2,524.80	65,644.80
	STEP 1.5	30.48	2,438.40	63,398.40	31.24	2,499.20	64,979.20	32.18	2,574.40	66,934.40
	STEP 2	31.06	2,484.80	64,604.80	31.84	2,547.20	66,227.20	32.80	2,624.00	68,224.00
	STEP 3	32.24	2,579.20	67,059.20	33.05	2,644.00	68,744.00	34.04	2,723.20	70,803.20
	STEP 4	33.54	2,683.20	69,763.20	34.38	2,750.40	71,510.40	35.41	2,832.80	73,652.80
	STEP 5	34.86	2,788.80	72,508.80	35.73	2,858.40	74,318.40	36.80	2,944.00	76,544.00
PLANNER IV	STEP 1	32.99	2,639.20	68,619.20	33.81	2,704.80	70,324.80	34.82	2,785.60	72,425.60
	STEP 1.5	33.58	2,686.40	69,846.40	34.42	2,753.60	71,593.60	35.45	2,836.00	73,736.00
	STEP 2	34.26	2,740.80	71,260.80	35.12	2,809.60	73,049.60	36.17	2,893.60	75,233.60
	STEP 3	35.61	2,848.80	74,068.80	36.50	2,920.00	75,920.00	37.60	3,008.00	78,208.00
	STEP 4	37.01	2,960.80	76,980.80	37.94	3,035.20	78,915.20	39.08	3,126.40	81,286.40
	STEP 5	38.45	3,076.00	79,976.00	39.41	3,152.80	81,972.80	40.59	3,247.20	84,427.20
PLANNING DIRECTOR	STEP 1	47.89	3,831.20	99,611.20	49.09	3,927.20	102,107.20	50.56	4,044.80	105,164.80
	STEP 1.5	48.82	3,905.60	101,545.60	50.04	4,003.20	104,083.20	51.54	4,123.20	107,203.20
	STEP 2	49.79	3,983.20	103,563.20	51.03	4,082.40	106,142.40	52.56	4,204.80	109,324.80
	STEP 3	51.77	4,141.60	107,681.60	53.06	4,244.80	110,364.80	54.65	4,372.00	113,672.00
	STEP 4	53.76	4,300.80	111,820.80	55.10	4,408.00	114,608.00	56.75	4,540.00	118,040.00
	STEP 5	55.90	4,472.00	116,272.00	57.30	4,584.00	119,184.00	59.02	4,721.60	122,761.60
PLANNING AND ECONOMIC DEVELOPMENT DIRECTOR PER COUNCIL RESOLUTION #10-10 APPROVED 1/13/2010	STEP 1	50.59	4,047.20	105,227.20	51.85	4,148.00	107,848.00	53.41	4,272.80	111,092.80
	STEP 1.5	51.61	4,128.80	107,348.80	52.90	4,232.00	110,032.00	54.49	4,359.20	113,339.20
	STEP 2	52.58	4,206.40	109,366.40	53.89	4,311.20	112,091.20	55.51	4,440.80	115,460.80
	STEP 3	54.70	4,376.00	113,776.00	56.07	4,485.60	116,625.60	57.75	4,620.00	120,120.00
	STEP 4	56.95	4,556.00	118,456.00	58.37	4,669.60	121,409.60	60.12	4,809.60	125,049.60
	STEP 5	59.17	4,733.60	123,073.60	60.65	4,852.00	126,152.00	62.47	4,997.60	129,937.60

**CITY OF LIVONIA
ADMINISTRATIVE & PROFESSIONAL SALARIES
2019-2022 WAGE RATE SCHEDULE
EFFECTIVE 12/1/2019**

CLASSIFICATION		2%			2.5%			3%		
		2019-2020			2020-2021			2021-2022		
		HOURLY	BI-WEEKLY	ANNUAL	HOURLY	BI-WEEKLY	ANNUAL	HOURLY	BI-WEEKLY	ANNUAL
ROADS AND PARKS SUPERVISOR PER COUNCIL RESOLUTION #145-15 APPROVED 6/1/2015	STEP 1	33.54	2,683.20	69,763.20	34.38	2,750.40	71,510.40	35.41	2,832.80	73,652.80
	STEP 1.5	34.19	2,735.20	71,115.20	35.04	2,803.20	72,883.20	36.09	2,887.20	75,067.20
	STEP 2	34.86	2,788.80	72,508.80	35.73	2,858.40	74,318.40	36.80	2,944.00	76,544.00
	STEP 3	36.25	2,900.00	75,400.00	37.16	2,972.80	77,292.80	38.27	3,061.60	79,601.60
	STEP 4	37.66	3,012.80	78,332.80	38.60	3,088.00	80,288.00	39.76	3,180.80	82,700.80
	STEP 5	39.14	3,131.20	81,411.20	40.12	3,209.60	83,449.60	41.32	3,305.60	85,945.60
ROADS AND TRAFFIC SUPERVISOR	STEP 1	33.54	2,683.20	69,763.20	34.38	2,750.40	71,510.40	35.41	2,832.80	73,652.80
	STEP 1.5	34.19	2,735.20	71,115.20	35.04	2,803.20	72,883.20	36.09	2,887.20	75,067.20
	STEP 2	34.86	2,788.80	72,508.80	35.73	2,858.40	74,318.40	36.80	2,944.00	76,544.00
	STEP 3	36.25	2,900.00	75,400.00	37.16	2,972.80	77,292.80	38.27	3,061.60	79,601.60
	STEP 4	37.66	3,012.80	78,332.80	38.60	3,088.00	80,288.00	39.76	3,180.80	82,700.80
	STEP 5	39.14	3,131.20	81,411.20	40.12	3,209.60	83,449.60	41.32	3,305.60	85,945.60
SUPERINTENDENT OF PARKS & RECREATION	STEP 1	43.88	3,510.40	91,270.40	44.98	3,598.40	93,558.40	46.33	3,706.40	96,366.40
	STEP 1.5	44.73	3,578.40	93,038.40	45.85	3,668.00	95,368.00	47.23	3,778.40	98,238.40
	STEP 2	45.57	3,645.60	94,785.60	46.71	3,736.80	97,156.80	48.11	3,848.80	100,068.80
	STEP 3	47.40	3,792.00	98,592.00	48.59	3,887.20	101,067.20	50.05	4,004.00	104,104.00
	STEP 4	49.36	3,948.80	102,668.80	50.59	4,047.20	105,227.20	52.11	4,168.80	108,388.80
	STEP 5	51.28	4,102.40	106,662.40	52.56	4,204.80	109,324.80	54.14	4,331.20	112,611.20
SUPERINTENDENT OF PUBLIC SERVICE SEE RATE SCHEDULE BELOW	STEP 1	42.97	3,437.60	89,377.60	44.04	3,523.20	91,603.20	45.36	3,628.80	94,348.80
	STEP 1.5	43.80	3,504.00	91,104.00	44.90	3,592.00	93,392.00	46.25	3,700.00	96,200.00
	STEP 2	44.67	3,573.60	92,913.60	45.79	3,663.20	95,243.20	47.16	3,772.80	98,092.80
	STEP 3	46.45	3,716.00	96,616.00	47.61	3,808.80	99,028.80	49.04	3,923.20	102,003.20
	STEP 4	48.17	3,853.60	100,193.60	49.37	3,949.60	102,689.60	50.85	4,068.00	105,768.00
	STEP 5	50.13	4,010.40	104,270.40	51.38	4,110.40	106,870.40	52.92	4,233.60	110,073.60

**CITY OF LIVONIA
APPOINTEES SALARIES
2019-2022 WAGE RATE SCHEDULE
EFFECTIVE 12/1/2019**

CLASSIFICATION		2%		2.5%		3%	
		2019-2020		2020-2021		2021-2022	
		HOURLY	ANNUAL	HOURLY	ANNUAL	HOURLY	ANNUAL
DIRECTOR EMERGENCY PREPAREDNESS <i>PER COUNCIL RESOLUTION #79-16 EFF. 3/21/2016</i>	STEP 1	32.58	67,766.40	33.39	69,451.20	34.39	71,531.20
	STEP 2	33.11	68,868.80	33.94	70,595.20	34.96	72,716.80
	STEP 3	33.63	69,950.40	34.47	71,697.60	35.50	73,840.00
	STEP 4	34.17	71,073.60	35.02	72,841.60	36.07	75,025.60
	STEP 5	34.69	72,155.20	35.56	73,964.80	36.63	76,190.40
DIRECTOR OF FINANCE	STEP 1	50.59	105,227.20	51.85	107,848.00	53.41	111,092.80
	STEP 1.5	51.61	107,348.80	52.90	110,032.00	54.49	113,339.20
	STEP 2	52.58	109,366.40	53.89	112,091.20	55.51	115,460.80
	STEP 3	54.70	113,776.00	56.07	116,625.60	57.75	120,120.00
	STEP 4	56.95	118,456.00	58.37	121,409.60	60.12	125,049.60
	STEP 5	59.17	123,073.60	60.65	126,152.00	62.47	129,937.60
DIRECTOR OF LEGISLATIVE AFFAIRS	STEP 1	38.77	80,641.60	39.74	82,659.20	40.93	85,134.40
	STEP 1.5	39.57	82,305.60	40.56	84,364.80	41.78	86,902.40
	STEP 2	40.29	83,803.20	41.30	85,904.00	42.54	88,483.20
	STEP 3	41.90	87,152.00	42.95	89,336.00	44.24	92,019.20
	STEP 4	43.58	90,646.40	44.67	92,913.60	46.01	95,700.80
	STEP 5	45.33	94,286.40	46.46	96,636.80	47.85	99,528.00
DIRECTOR OF PUBLIC WORKS		59.17	123,073.60	60.65	126,152.00	62.47	129,937.60
ECONOMIC DEVELOPMENT DIRECTOR	STEP 1	41.36	86,028.80	42.39	88,171.20	43.66	90,812.80
	STEP 1.5	42.14	87,651.20	43.19	89,835.20	44.49	92,539.20
	STEP 2	42.97	89,377.60	44.04	91,603.20	45.36	94,348.80
	STEP 3	44.67	92,913.60	45.79	95,243.20	47.16	98,092.80
	STEP 4	46.45	96,616.00	47.61	99,028.80	49.04	102,003.20
	STEP 5	48.30	100,464.00	49.51	102,980.80	51.00	106,080.00
EXECUTIVE DIRECTOR LIVONIA HOUSING COMMISSION	STEP 1	41.17	85,633.60	42.20	87,776.00	43.47	90,417.60
	STEP 1.5	41.95	87,256.00	43.00	89,440.00	44.29	92,123.20
	STEP 2	42.76	88,940.80	43.83	91,166.40	45.14	93,891.20
	STEP 3	44.43	92,414.40	45.54	94,723.20	46.91	97,572.80
	STEP 4	46.17	96,033.60	47.32	98,425.60	48.74	101,379.20
	STEP 5	48.03	99,902.40	49.23	102,398.40	50.71	105,476.80

**CITY OF LIVONIA ĩ CITY COUNCIL
MINUTES OF STUDY MEETING HELD NOVEMBER 4, 2020**

Meeting was called to order via Zoom remote technology at 8:41 p.m. by President Kathleen McIntyre. Present: Brandon McCullough, Jim Jolly, Laura Toy, Scott Bahr, Cathy White, and Kathleen McIntyre. Absent: Rob Donovic.

Councilmember McCullough led the meeting in the Pledge of Allegiance.

Elected and appointed officials present: Mark Taormina, Director of Planning and Economic Development; Todd Zilincik, City Engineer; Paul Bernier, City Attorney; Mike Slater, Director of Finance; Denise Maier, Director of Human Resources; Casey O'Neil, Director of Information Systems; and Jacob Rushlow, Director of Public Works

3) REQUEST TO APPROVE INCREASE IN COMPENSATION FOR THE ASSISTANT SUPERINTENDENT OF PARKS AND RECREATION: Department of Civil Service, re: to be within the same range as the Assistant Planning Director.

Denise Maier, Director of Human Resources, presented this request to Council. She stated this item is for the Assistant Superintendent of Parks and Rec, who is also as part of this reorganization, has increased the responsibilities of this position, increased direct reports, and this request came from the Superintendent of Parks and Recreation, and it has been through the Commission and they have submitted it to Council for your review and approval.

Councilmember Jolly offered an approving resolution for the Consent Agenda citing the same rationale as previously stated.

President McIntyre stated she is happy to see that we are working to ensure that the leadership of the Parks and Recreation Department is now expanded to include the Senior Center and Greenmead and other responsibilities. She said while we're doing that she also thinks it's appropriate that we look at the compensation down the line of the other members of the staff of that department, and specifically at the Senior Center. I know that that we've eliminated a head over at the Senior Center, and conventional wisdom would say well, we have a lot less programming because the Center is not open like it usually is. We still have a lot of programming going on there. The program that we have requires a lot more communication and a lot more coordination because there are reservations, there are all kinds of requirements about social distancing, there's just a lot of compliance issues that fall on the staff over there. And again, they no longer have a head. And it also goes to a quality of work and the ability to find joy in work, and I think that people that work for a City, part of it is when you take a job, you have expectations of how the job is going to be and that's true. Everyone in the City, everyone in every job everywhere has had to cope with changes due to Covid. Our custodial staff has got extra cleaning. Our DPW, everyone has had an extra workload. And it's somewhat unique at the Senior Center

and I think to a certain extent probably over at Parks and Rec but I'm not as familiar with the programming over there is the normal activities that they do that really do provide a lot of joy, and those are the celebrations. Those are the book clubs, a lot of events over there they provide a lot of intrinsic, satisfaction to the staff, that's all gone. The primary driver of my request is we've taken a Department Head out of the department, and one other thing I understand and expect, is Senior Services now belong to a larger portfolio, that that team is being ask to look at their jobs more broadly and look more broadly on how they can contribute and have additional perspective as to what goes on in all of the City's recreational community program. She then asked the Administration to look at the compensation levels over at the Senior Center.

Councilmember Toy stated she supports Councilmember Jolly's motion, but she also wants to state that the Senior Center is by far, honestly, we have a lot of good things going on in our City, but I've got to tell you in my other elective job I serve four or five other communities when I was in the Senate, and I can't begin to tell you how inventive, how creative, how patient, how unbelievable the people that worked there and dealing with our seniors on different levels. I can't even begin to tell you when I've been over there some of the issues they've had to deal with. At one time they had a little problem with some card playing over there and they also had some problems with some hygiene, some real sensitive issues that I don't think many of us see or we want to see. And I think your points, Madam President, are well put in regard to what's going on there as well as with this type of virus situation we're all facing. Because they're probably the ones that are most affected by it in our community, not that we all aren't. But I mean because of their age, because of some of their health conditions, things like that, I guess I can start relating to some of this. But anyhow, in all seriousness, your points are well taken and I'd like to see some opinions on that as well and some compensation. So to your point, Madam Chair, and thank you for bringing it up and obviously thank Jim for his support on that as well, and I don't want to bring these other departments because then we get into a lot of comparisons and I don't want to do that, but I think some of these point that have been brought up you and others have been just excellent. And just in my own experience living in this community for this many years and going over there quite a bit, you can see some of the unbelievable kind of things that they deal with on a daily basis as well, so thank you very much.

DIRECTION:

APPROVING

CONSENT



REPORT TO THE LIVONIA CITY COUNCIL

Civil Service
October 22, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Katie Barbee, Program Supervisor, Civil
Service

AGENDA ITEM

REQUEST TO APPROVE INCREASE IN COMPENSATION FOR THE ASSISTANT SUPERINTENDENT OF PARKS AND RECREATION: Department of Civil Service, re: to be within the same range as the Assistant Planning Director.

BACKGROUND

At the Civil Service Commission meeting of September 30, 2020, with the minutes approved on October 21, 2020, the Civil Service Commission approved the following resolution:

Upon a motion by Ms. Mahoney, seconded by Mr. Spence, and adopted, it was

20-96 RESOLVED, that having reviewed the letter dated September 9, 2020, from Edward Davis, Superintendent of Parks & Recreation, requesting a change in compensation range for the position of Assistant Superintendent of Parks & Recreation, to be the same compensation range as the Assistant Planning Director, due to the City's reorganization plan, the Civil Service Commission does hereby approve the request.

If approved, this change will be effective December 1, 2020.

RECOMMENDATION

FISCAL CONSIDERATION

Funding available.

ATTACHMENTS

1. S110420 Assistant Superintendent Increase Minutes
2. Letter to Council Transmitting Compensation Adjustment for PR Assistant Superintendent 10222020.

APPROVED BY

Denise Maier, Human Resources Director

Date: October 23, 2020



Michael T. Slater, Finance Director

Date: October 23, 2020



Paul Bernier, City Attorney

Date: October 23, 2020



Maureen Miller Brosnan, Mayor

Date: October 23, 2020

CIVIL SERVICE DEPARTMENT

MAUREEN MILLER BROSNAN
MAYOR

CIVIL SERVICE COMMISSION

ROGER L. SPENCE, CHAIRPERSON
CHARLOTTE S. MAHONEY, COMMISSIONER
JAMES WENSON, COMMISSIONER



MEMBER IPMA-HR /SHRM
International Public Management Association
for Human Resources
Society for Human Resources Management

DENISE C. MAIER, SPHR
HUMAN RESOURCES DIRECTOR

October 22, 2020

Honorable Members of City Council
City of Livonia

Subject: Request for Increase in Compensation for Assistant Superintendent of
Parks & Recreation

Dear Council Members:

At the Civil Service Commission meeting of September 30, 2020, with the minutes approved on October 21, 2020, the Civil Service Commission approved the following resolution:

Upon a motion by Ms. Mahoney, seconded by Mr. Spence, and adopted, it was

20-96 RESOLVED, that having reviewed the letter dated September 9, 2020, from Edward Davis, Superintendent of Parks & Recreation, requesting a change in compensation range for the position of Assistant Superintendent of Parks & Recreation, to be the same compensation range as the Assistant Planning Director, due to the City's reorganization plan, the Civil Service Commission does hereby approve the request.

If approved, this change will be effective December 1, 2020.

If you have any questions concerning this matter, please call me at (734) 466-2527.

APPROVED FOR SUBMISSION:

Sincerely,


Maureen Miller Brosnan
Mayor


Denise C. Maier, SPHR
Human Resources Director

FUNDS AVAILABLE:


Michael T. Slater, Director of Finance

kb
Attachment

cc: Maureen Miller Brosnan, Mayor; Susan, Nash, City Clerk; Paul Bernier, City Attorney; Michael T. Slater, Director of Finance; Ted Davis, Superintendent of Parks and Recreation; Civil Service Commission

Memorandum

To: Denise C. Maier, SPHR, Human Resources Director
 From: Derrick L. Washington, SPHR, Personnel Analyst II 
 Date: September 17, 2020
 Subject: Salary Range Adjustment Request for the Assistant Superintendent of Parks and Recreation Position

In correspondence dated September 9, 2020, Edward Davis, Superintendent of Parks and Recreation requests the Civil Service Commission approve an increase in the compensation range for the position of Assistant Superintendent of Parks and Recreation. The request results from a reorganizational plan being implemented by the City, which includes the Assistant Superintendent being assigned direct reports from the Livonia Senior Center and Greenmead Historical Park. These are significant additional responsibilities encompassing employees and programs totaling about \$1.2 million.

This type of salary adjustment has been approved in the past when the Planning Director received additional responsibilities for the City's Economic Development department. If approved, this would put the Assistant Superintendent of Parks and Recreation at the same compensation range as the Assistant Planning Director.

In the Livonia **CITY CHARTER**, the Civil Service Commission is given the authority in Chapter V, EXECUTIVE DIVISION, Section 16. Department of Civil Service. (b) Powers and Duties of Commission. "In order to carry out and make effective the purpose and intent of the provisions of this charter in establishing a civil service system, the Civil Service Commission shall (1) establish and administer a position-classification plan, an examination program, a schedule of compensation,"etc.

The current and requested new salary schedules are listed below. The current budget impact would be \$3,620, which was factored into the budget-reducing reorganization plan. If approved, the Superintendent is requesting the change be effective upon approval by the City Council.

	Current Asst. Superintendent of Parks & Rec Salary Range	New Asst. Superintendent of Parks & Rec Salary Range (if Approved)
STEP 1	77,667.20	86,028.80
STEP 1.5	79,185.60	87,651.20
STEP 2	80,662.40	89,377.60
STEP 3	83,803.20	92,913.60
STEP 4	87,131.20	96,616.00
STEP 5	90,521.60	100,464.00

It is recommended the Civil Service Commission approve Mr. Davis' request to change the salary range for the Assistant Superintendent of Parks and Recreation position due to the reorganization and increased management responsibility.

COMMENTS FROM THE HUMAN RESOURCES DIRECTOR:

dlw

Concur.
Denise C. Maier
9-23-2020

DEPARTMENT OF PARKS & RECREATION

**PARKS AND RECREATION
COMMISSION**

**MARK JOHNSON
CHAIRPERSON**

**PAUL CONDON
KATHERINE JOLLY
CATHY KEVRA
KEVIN SUMMERS**

**15100 HUBBARD
LIVONIA, MICHIGAN 48154-3586
(734) 466-2410 RECREATION DIVISION
FAX: (734) 466-2679**

**MAUREEN MILLER BROSNAN
MAYOR**

**EDWARD DAVIS
SUPERINTENDENT**



September 9, 2020

Civil Service Commission
City of Livonia

Dear Commission Members,

As part of a reorganization plan being implemented in the City, the Assistant Superintendent of Parks & Recreation has been assigned direct reports from both the Livonia Senior Center and Greenmead Historical Park. These are significant additional responsibilities, encompassing employees and programs totaling about \$1.2 million.

Given these changes, we request your approval of an increase in compensation range for the position of Assistant Superintendent of Parks & Recreation commensurate with the increased responsibility of the position. The current pay rate is step 5 at \$90,521.60. We are requesting that the position move to the same level as the Assistant Planning Director and move Ms. Koppin to step 3 at \$92,913.60 for the current fiscal year.

The current budget impact would be minimal and was factored into the budget-reducing reorganization plan. If approved, we ask that this change be effective upon approval by the Livonia City Council.

Sincerely,

Edward Davis
Superintendent, Parks and Recreation

**CITY OF LIVONIA
ADMINISTRATIVE & PROFESSIONAL SALARIES
2019-2022 WAGE RATE SCHEDULE
EFFECTIVE 12/1/2019**

CLASSIFICATION		2%			2.5%			3%		
		2019-2020			2020-2021			2021-2022		
		HOURLY	BI-WEEKLY	ANNUAL	HOURLY	BI-WEEKLY	ANNUAL	HOURLY	BI-WEEKLY	ANNUAL
ASSISTANT PERSONNEL DIRECTOR	STEP 1	35.80	2,864.00	74,464.00	36.70	2,936.00	76,336.00	37.80	3,024.00	78,624.00
	STEP 1.5	36.50	2,920.00	75,920.00	37.41	2,992.80	77,812.80	38.53	3,082.40	80,142.40
	STEP 2	37.17	2,973.60	77,313.60	38.10	3,048.00	79,248.00	39.24	3,139.20	81,619.20
	STEP 3	38.66	3,092.80	80,412.80	39.63	3,170.40	82,430.40	40.82	3,265.60	84,905.60
	STEP 4	40.18	3,214.40	83,574.40	41.18	3,294.40	85,654.40	42.42	3,393.60	88,233.60
	STEP 5	41.75	3,340.00	86,840.00	42.79	3,423.20	89,003.20	44.07	3,525.60	91,665.60
ASSISTANT PLANNING DIRECTOR	STEP 1	41.36	3,308.80	86,028.80	42.39	3,391.20	88,171.20	43.66	3,492.80	90,812.80
	STEP 1.5	42.14	3,371.20	87,651.20	43.19	3,455.20	89,835.20	44.49	3,559.20	92,539.20
	STEP 2	42.97	3,437.60	89,377.60	44.04	3,523.20	91,603.20	45.36	3,628.80	94,348.80
	STEP 3	44.67	3,573.60	92,913.60	45.79	3,663.20	95,243.20	47.16	3,772.80	98,092.80
	STEP 4	46.45	3,716.00	96,616.00	47.61	3,808.80	99,028.80	49.04	3,923.20	102,003.20
	STEP 5	48.30	3,864.00	100,464.00	49.51	3,960.80	102,980.80	51.00	4,080.00	106,080.00
ASSISTANT SUPT. OF PARKS & RECREATION	STEP 1	37.34	2,987.20	77,667.20	38.27	3,061.60	79,601.60	39.42	3,153.60	81,993.60
	STEP 1.5	38.07	3,045.60	79,185.60	39.02	3,121.60	81,161.60	40.19	3,215.20	83,595.20
	STEP 2	38.78	3,102.40	80,662.40	39.75	3,180.00	82,680.00	40.94	3,275.20	85,155.20
	STEP 3	40.29	3,223.20	83,803.20	41.30	3,304.00	85,904.00	42.54	3,403.20	88,483.20
	STEP 4	41.89	3,351.20	87,131.20	42.94	3,435.20	89,315.20	44.23	3,538.40	91,998.40
	STEP 5	43.52	3,481.60	90,521.60	44.61	3,568.80	92,788.80	45.95	3,676.00	95,576.00
ASSISTANT SUPT. OF PUBLIC SERVICE	STEP 1	35.27	2,821.60	73,361.60	36.15	2,892.00	75,192.00	37.23	2,978.40	77,438.40
	STEP 1.5	35.92	2,873.60	74,713.60	36.82	2,945.60	76,585.60	37.92	3,033.60	78,873.60
	STEP 2	36.61	2,928.80	76,148.80	37.53	3,002.40	78,062.40	38.66	3,092.80	80,412.80
	STEP 3	38.07	3,045.60	79,185.60	39.02	3,121.60	81,161.60	40.19	3,215.20	83,595.20
	STEP 4	39.60	3,168.00	82,368.00	40.59	3,247.20	84,427.20	41.81	3,344.80	86,964.80
	STEP 5	41.17	3,293.60	85,633.60	42.20	3,376.00	87,776.00	43.47	3,477.60	90,417.60

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REPORT TO THE LIVONIA CITY COUNCIL

Finance

October 16, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Michael T. Slater, Finance
Director, Finance

AGENDA ITEM

REQUEST TO RENEW THE CITY'S LIABILITY AND PROPERTY INSURANCE COVERAGE: Department of Finance, re: with the Michigan Municipal Risk Management Authority (MMRMA) for the period from December 1, 2020 to November 30, 2022.

BACKGROUND

On October 6, 2020, I received a proposal from Michigan Municipal Risk Management Authority (MMRMA) for renewal of the City's liability and property insurance coverage. The City's current policy with MMRMA is due to expire on November 30, 2020.

As explained below, the City is entitled to receive a net asset distribution of \$958,035 upon renewal, which offsets much of the premium cost of \$1,207,166.

Summary of Proposal

Presented below is the proposed renewal option from MMRMA:

CURRENT

<u>DESCRIPTION</u>	<u>POLICY</u>	<u>RENEWAL</u>
Term	2 years	2 years
SIR per occurrence	\$250,000	\$250,000
Stop Loss Attachment		
Point	N/A	N/A
Premiums *	\$1,210,545	\$1,207,166 (First Year) **

Decr over Current Policy (0.3%)

* - Premiums for coverages per Member Coverage Overview

** - The Price for the second year will be calculated based upon the change in reinsurance rates the MMRMA incurs in 2021. The increase will not exceed eight percent (8%).

A history of MMRMA insurance expenses is attached as **Exhibit 1**.

Coverages

Liability ĩ The City continues to be covered for up to \$15 million per occurrence, after payment of a Self-Insured Retention (řSIRř).

Property ĩ Real and personal property are covered for replacement value. The MMRMA has a \$1,000 deductible per occurrence.

Vehicle Physical Damage ĩ The MMRMA covers up to \$1,500,000 per occurrence, after a \$1,000 deductible per loss and a SIR of \$15,000 per vehicle and \$30,000 per occurrence. Vehicles are covered only for current value. However, MMRMA does cover fire vehicles at replacement value.

Sewer System Overflows ĩ The MMRMA policy provides coverage for sewer backups with a limit of \$500,000 per occurrence and in aggregate. This coverage is not available in the commercial market.

Excess Net Assets

In June, 2006, the MMRMA Board of Directors adopted a Net Asset Policy.

Livonia has received distributions under this program in the following amounts:

2006	\$	102,355	2014	\$	1,083,037
2007		120,628	2015		1,332,933
2008		473,766	2016		907,043
2010		308,960	2017		693,512
2011		555,773	2018		810,939
2012		1,293,468	2019		802,574
2013		686,650	2020		958,035
Total			\$ 10,129,673		

The goal of the policy is for MMRMA to maintain an appropriate level of net assets comparable to high quality insurance companies enjoying an A.M. Best rating of řAř or higher. The MMRMA Board will then determine annually whether to distribute assets in excess of this level back to member

communities.

Only current MMRMA members are eligible to receive a distribution. If Livonia leaves the MMRMA, we will not get the 2020 distribution nor any future distributions.

A detailed description of the Net Asset Policy is attached as **Exhibit 2**.

Benefits of MMRMA

1. Services provided by MMRMA, such as Risk Control and Claims Administration functions, would require additional City personnel if the city becomes independently self-insured.
1. **If Livonia does not renew the policy with MMRMA, we will not be eligible to receive the \$958,035 excess net asset distribution earned in 2020, and will not receive future net asset distributions.**
1. Unlike the commercial insurance market, MMRMA has provided expanded coverage for terrorism, data breach, sewer back-up, eminent domain and inverse condemnation.
1. MMRMA allows the City to participate in the decision process for settlements, which would be much more limited in the commercial market.
1. The MMRMA is a good example of local units of government sharing services as encouraged by the State of Michigan.

cc: Mayor, City Clerk, City Attorney, Ross Kadish, Michael Rhyner

RECOMMENDATION

Based upon the information provided above, it is recommended that City Council authorize the execution of an agreement with the Michigan Municipal Risk Management Authority, 14001 Merriman Road, Livonia, Michigan 48154, for the period from December 1, 2020 to November 30, 2021, for a total premium of \$1,207,166, and for the period of December 1, 2021 to November 30, 2022, with a premium increase to be based upon reinsurance increases incurred by MMRMA in 2020, not to exceed eight percent.

FISCAL CONSIDERATION

Estimated annual premium of \$1,207,166, to be partially reimbursed from net asset distributions. Funds are budgeted in the Liability Insurance account no. 101-925-918-000.

ATTACHMENTS

1. S110420 Liability and Property Insurance Coverage Minutes

2. MMRMA Renewal 2020 Exhibits 1 and 2

APPROVED BY



Date: October 16, 2020

Michael T. Slater, Finance Director



Date: October 22, 2020

Maureen Miller Brosnan, Mayor

CITY OF LIVONIA
HISTORY OF MMRMA INSURANCE EXPENSE
FOR THE PERIOD DECEMBER 1, 1990 TO SEPTEMBER 30, 2020

EXHIBIT 1

FISCAL YEAR END NOV 30	INSURANCE & ADMINISTRATION PREMIUMS	NET ASSET DISTRIBUTION	STOP LOSS PREMIUM	TOTAL NET PREMIUMS	% INC (DECR)	PAYMENT FOR CLAIMS & RESERVES	TOTAL COST	% INC (DECR)
1991	\$720,222		\$31,574	\$751,796		\$433,107	\$1,184,903	
1992	713,456		33,917	747,373	-1%	454,909	1,202,282	1%
1993	720,753		34,320	755,073	1%	870,119	1,625,192	35%
1994	739,401		34,932	774,333	3%	466,965	1,241,298	-24%
1995	801,501		49,323	850,824	10%	549,552	1,400,376	13%
1996	862,163		53,056	915,219	8%	739,641	1,654,860	18%
1997	918,698		56,535	975,233	7%	404,252	1,379,485	-17%
1998	925,000		56,954	981,954	1%	394,299	1,376,253	0%
1999	1,016,314		62,542	1,078,856	10%	410,265	1,489,121	8%
2000	1,117,152		68,748	1,185,900	10%	262,957	1,448,857	-3%
2001	910,000		N/A	910,000	-23%	228,059	1,138,059	-21%
2002	910,000		N/A	910,000	0%	634,570	1,544,570	36%
2003	910,000		N/A	910,000	0%	130,493	1,040,493	-33%
2004	1,008,077		N/A	1,008,077	11%	487,739	1,495,816	44%
2005	1,081,350		N/A	1,081,350	7%	268,126	1,349,476	-10%
2006	1,157,222		N/A	1,157,222	7%	684,839	1,842,061	37%
2007	1,188,885	(102,355)	N/A	1,086,530	-6%	1,082,091	2,168,621	18%
2008	1,214,073	(120,628)	N/A	1,093,445	1%	330,992	1,424,437	-34%
2009	1,260,380	(473,766)	N/A	786,614	-28%	196,674	983,288	-31%
2010	1,240,613	0	N/A	1,240,613	58%	286,239	1,526,852	55%
2011	1,209,312	(308,960)	N/A	900,352	-27%	660,069	1,560,421	2%
2012	1,075,964	(555,773)	N/A	520,191	-42%	420,728	940,919	-40%
2013	1,025,956	(1,293,468)	N/A	(267,512)	-151%	605,759	338,247	-64%
2014	989,703	(686,650)	N/A	303,053	213%	80,413	383,466	13%
2015	1,094,535	(1,083,037)	N/A	11,498	-96%	286,220	297,718	-22%
2016	1,101,537	(1,332,933)	N/A	(231,396)	-2112%	495,670	264,274	-11%
2017	1,128,312	(907,043)	N/A	221,269	196%	260,636	481,905	82%
2018	1,179,664	(693,512)	N/A	486,152	120%	111,090	597,242	24%
2019	1,226,486	(810,939)	N/A	415,547	-15%	222,495	638,042	7%
2020	1,210,545	(802,574)	N/A	407,971	-2%	116,815	524,786	-18%
2021	1,207,166	(958,035)	N/A	249,131	-39%	N/A	N/A	N/A
TOTAL	\$31,864,440	(\$10,129,673)	\$481,901	\$22,216,668		\$12,575,783	\$34,543,320	

16-Oct-20

O:\Insurance\MMRMA\Renewal - 2020\INSCOST - 2020.xlsx]Sheet1

EXHIBIT 2

Board Approves \$33.6 Million Distribution

Posted: Friday, January 24, 2020

**** SPECIAL ANNOUNCEMENT ****

At its January 16th meeting, MMRMA's Board of Directors acted to declare a \$33,575,603 distribution of excess net assets to current renewing MMRMA Individual and State Pool Members. The Board also approved the 2020 Net Asset Policy Report, including the results of the most recent capital adequacy analysis, which determines the required net asset amount. This will be our fourteenth distribution of excess net assets to current renewing Individual and State Pool members. With this distribution, MMRMA has distributed \$340,575,603 to its renewing members since 2006. The following table shows a history of these distributions:

<u>Fiscal Year</u>		<u>Distribution</u>	<u>Cumulative</u>
<u>Declared</u>			<u>Distributions</u>
2006	\$	3,696,996	\$ 3,696,996
2007		7,573,675	11,270,671
2008		15,766,399	27,037,070
2010		10,260,745	37,297,815
2011		19,660,124	56,957,939
2012		38,644,191	95,602,130
2013		19,145,625	114,747,755
2014		34,535,390	149,283,145
2015		45,152,750	194,435,895
2016		31,814,134	226,250,029
2017		23,749,971	250,000,000
2018		29,000,000	279,000,000
2019		28,000,000	307,000,000
2020		33,575,603	340,575,603

This distribution is the largest component of an over \$41,000,000 deployment of excess net assets for the benefit of our membership this year. Examples of other uses of excess net assets include:

- **Michigan Vehicle Assessments** – Excess net assets are used to pay the Michigan Catastrophic Claims Association (MCCA) and Michigan Assigned Claims Plan vehicle assessments for members. It is estimated that we will pay \$4,116,594 in assessments on behalf of the membership this year.
- **Risk Avoidance Program (RAP) Grants** – Excess net assets of \$1,750,000 are allocated to fund RAP Grants for the upcoming year. RAP Grants are awarded through MMRMA's Membership Committee.

- **Data Breach Coverage** – In July 2013, MMRMA began providing Data Breach Coverage to all Individual and State Pool Members. Members are afforded \$5,000,000 per-occurrence coverage for Data Breach. This coverage will continue to be supported with \$622,072 in excess net assets.
- **No Fault Automobile Coverage** – Excess net assets are used to provide members with enhanced no-fault automobile coverage. With Michigan having one of the most costly no-fault statutes in the nation, this is a significant benefit. The estimated value of this enhancement is \$1,111,292.
- **Coverage for Volunteers** – Excess net assets are used to underwrite liability coverage for volunteers.

Once again, this is very good news for members and, based on the distribution rules adopted by the Board, most members will receive their share of this distribution following their membership renewal.

MMRMA's ability to provide these benefits to its members is a direct reflection of strong performance results over a sustained period of time. Many factors contributed to these favorable results, including better than expected loss trends in recent years, member responsiveness to risk control recommendations, good risk management practices by members that resulted in fewer losses, and, most importantly, investment income through June 30, 2019. However, the most central factor that allows MMRMA to deploy excess net assets is the long-term commitment that members have made to MMRMA. Without your loyalty and ongoing support of this fine organization, these benefits would not be possible. Thank you.

**CITY OF LIVONIA ĩ CITY COUNCIL
MINUTES OF STUDY MEETING HELD NOVEMBER 4, 2020**

Meeting was called to order via Zoom remote technology at 8:41 p.m. by President Kathleen McIntyre. Present: Brandon McCullough, Jim Jolly, Laura Toy, Scott Bahr, Cathy White, and Kathleen McIntyre. Absent: Rob Donovic.

Councilmember McCullough led the meeting in the Pledge of Allegiance.

Elected and appointed officials present: Mark Taormina, Director of Planning and Economic Development; Todd Zilincik, City Engineer; Paul Bernier, City Attorney; Mike Slater, Director of Finance; Denise Maier, Director of Human Resources; Casey O'Neil, Director of Information Systems; and Jacob Rushlow, Director of Public Works

- 5) REQUEST APPROVAL OF BUDGET ADJUSTMENTS FOR FISCAL YEAR ENDING NOVEMBER 30, 2020: Department of Finance, re: for additional contribution to the VEBA Fund and the Building Improvement Capital Projects Funds (418).

Mike Slater, Director of Finance, presented this request to Council. He stated what is before Council tonight is a request to move some money around that is in the budget. They've done a review of the budget to actual comparison for our current fiscal year to date, and we've identified areas where our results have been favorable and these funds can be reallocated for other purposes. The total amount that we're talking about reallocating here is a little over \$4,000,000.00 and it comes from a variety of sources that you can see in the communication in your packets. By far the biggest item on this list of items is the Care Act Grant revenue that we received which is just under \$2.9 million dollars. And then various other categories, the LTSA revenue, cell tower revenue, Youth Assistance, telephone expenses less than expected and a reduction in seasonal labor due to Covid this year. The last item which is really not reallocation but it's additional appropriation and acknowledgement is something that has been discussed previously, that was the \$50,000.00 gift from Masco which we're proposing be used for the diversity inclusion and unconscious bias training going forward. So in regard to the \$4 million that I initially described, our proposal is to take that and reallocate it to two different places. Fifty percent of it would be allocated to an additional contribution to our VEBA Fund which is the retiree health care trust fund. That fund is currently \$95,000,000.00 unfunded, so this would cut into that a little bit. And the other \$2 million we're proposing would be moved to the building improvement Capital Projects Fund and this fund was established a few years ago in order to set money aside for future building improvements which we know we're going to need to deal with aging City buildings. With that, I'd be happy to answer any questions.

Vice President Bahr commented stated he is really pleased with this, that he had a conversation about this leading up to this meeting. And as I expressed when we talked about the budget either last meeting or the meeting before, one of my disappointments

with an overall really good budget was that we hadn't allocated money in that budget for the building Capital Improvement Fund and I accepted the explanation that was given for that but I am really thrilled that we're putting some money towards that here. And then also the VEBA. One of the things I mentioned to Mr. Slater when he and I were talking, I said both of these uses for this windfall, it's not a windfall, but it's for this found money, so much that my biggest struggle with this whether we should be putting 100% of the funds into one of those two funds and so I struggled with that so I guess it makes sense to split it down the middle. You know the last few years I've really appreciated this Council's focus on boosting funding on the VEBA to get ahead of that, and this continues that. I just think this is a great use of this money. He then offered an approving resolution for the Consent Agenda.

DIRECTION:

APPROVING

CONSENT



REPORT TO THE LIVONIA CITY COUNCIL

Finance

October 22, 2020

MEETING DATE

November 16, 2020

PREPARED BY

DeAnne Bates, Program
Supervisor, Finance

AGENDA ITEM

REQUEST APPROVAL OF BUDGET ADJUSTMENTS FOR FISCAL YEAR ENDING NOVEMBER 30, 2020: Department of Finance, re: for additional contribution to the VEBA Fund and the Building Improvement Capital Projects Funds (418).

BACKGROUND

We have reviewed the budget-to-actual comparison for fiscal year 2020 and identified areas where the results have been favorable, and funds could be re-allocated for other purposes. A total budget of \$4,063,914 is proposed to be re-allocated as described below.

1. Local Community Stabilization Authority (LCSA) Revenue - \$415,000 ĩ As we have done the last several years, this revenue source was conservatively budgeted and actual revenue exceeds the adopted budget.
2. Cell Tower Revenue - \$275,000 - Payment of one-time bonus for extension of lease on the Whispering Willows cell tower.
3. Wayne County Parks Grant - \$191,450 - Receipt of payment for parks improvement.
4. CARES Act Grant Revenue - \$2,858,371 - Grant revenue received under CARES ACT for Public Safety Public Health payroll reimbursement (\$2,392,511), First Responders Premium Hazard Pay (\$211,000) and Coronavirus Relief Local Government Grants (\$254,860).
5. Youth Assistance - \$84,093 ĩ Transfer unused funds previously allocated for Youth Assistance.
6. Telephone - \$90,000 ĩ The installation of a new phone system and audit of the bills by CBI Telecommunications has resulted in lower maintenance agreement costs and lower monthly bills.
7. DPW Parks Wages - \$150,000 ĩ Budgeted funds were not spent on seasonal labor due to

the COVID shutdown.

8. MASCO Gift - \$50,000 – Budget adjustment to recognize gift from MASCO and appropriation to expend funds on Diversity, Inclusion and Unconscious Bias training.

The administration considered the following options in determining the best use for the General Fund additional resources:

1. Leave the additional resources in the General Fund, thus increasing unassigned fund balance.
2. Transfer the additional resources to the Building Improvement Fund (418) to be used for future building projects.
3. Make an additional contribution to the VEBA to reduce the unfunded liability for retiree healthcare.

It is our recommendation that the City split the additional resources between Option 2 and Option 3, as we have done in last few years. The following reasons are offered in support of this recommendation:

1. Per the November 30, 2019, audited financial statements, the net OPEB liability for retiree healthcare is \$95.7 million. This is the City's largest liability. In fact, it exceeds all other bonded indebtedness, which totals only \$41.5 million.
2. The City has numerous buildings that are aging and will require significant repairs or replacement in future years. Setting aside resources in a separate fund will lessen the financial impact when these costs are eventually incurred.

If City Council concurs in this recommendation, it is requested that City Council:

1. Authorize an additional contribution to the VEBA in the amount of \$2,031,957.
2. Authorize an additional contribution to the Building Improvement Capital Projects Fund (418) in the amount of \$2,031,957.
3. Authorize a budget amendment to the following accounts:

General Fund

Increase

Decrease

101-000-573-000	LCSA Rev	415,000	
101-000-667-001	Cell Tower Rev	275,000	
101-000-581-000	WC Parks Grant Rev	191,450	
101-000-528-000	CARES Act Rev	2,858,371	
101-000-691-000	Contribution Rev Youth Assist	84,093	
101-263-853-000	Telephone Exp		90,000
101-704-702-000	DPW Parks Wages		150,000
101-907-965-732	Cont to VEBA	2,031,957	
101-907-965-418	Cont to Bldg Improvement Fund	2,031,957	

Designated Purpose Fund

211-000-691-000	Contributions Revenue	50,000
211-000-962-100	Contributions Expense	50,000
211-000-960-215	Youth Assistance Transfer	84,093

cc: Mayor, Clerk, Law, Board of Trustees, Connie Kumpula, Chief Accountant

RECOMMENDATION

Based upon the information provided above, it is recommended that City Council authorize the proposed budget amendment.

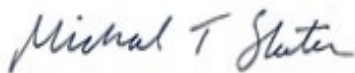
FISCAL CONSIDERATION

See explanation above.

ATTACHMENTS

1. S110420 Final Budget Adjustments Minutes
2. S110420 Final Budget Adjustments for Fiscal Year 2020 (BUDGET 2019-2020)

APPROVED BY



Date: October 23, 2020

Michael T. Slater, Finance Director



Date: October 23, 2020

Maureen Miller Brosnan, Mayor

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DIRECTION:

APPROVING

CONSENT



REPORT TO THE LIVONIA CITY COUNCIL

Finance

October 22, 2020

MEETING DATE

November 4, 2020

PREPARED BY

DeAnne Bates, Program
Supervisor, Finance

AGENDA ITEM

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Designated Purpose Fund

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211-000-962-100	Contributions Expense	50,000
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cc: Mayor, Clerk, Law, Board of Trustees, Connie Kumpula, Chief Accountant

RECOMMENDATION

Based upon the information provided above, it is recommended that City Council authorize the proposed budget amendment.

FISCAL CONSIDERATION

See explanation above.

ATTACHMENTS

None

APPROVED BY



Date: October 23, 2020

Michael T. Slater, Finance Director



Date: October 23, 2020

Maureen Miller Brosnan, Mayor

**CITY OF LIVONIA ĩ CITY COUNCIL
MINUTES OF STUDY MEETING HELD NOVEMBER 4, 2020**

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Elected and appointed officials present: Mark Taormina, Director of Planning and Economic Development; Todd Zilincik, City Engineer; Paul Bernier, City Attorney; Mike Slater, Director of Finance; Denise Maier, Director of Human Resources; Casey O'Neil, Director of Information Systems; and Jacob Rushlow, Director of Public Works

- 6) REQUEST TO ACCEPT QUOTATION FOR WORKERS' COMPENSATION INSURANCE: Department of Finance, re: with The ASU Group, to provide claims administration services and with Midwest Employers Casualty Company to provide excess insurance coverage when losses from any one claim reaches \$600,000, for the period from December 1, 2020 to November 30, 2022.

Mike Slater, Director of Finance, presented this request to Council. He stated this item to renew our Workers' Compensation Excess Insurance and Claims Administration Services which expires November 30th of this year. In regard to the Claims Administration Services, the recommendation is to enter into a contract with The ASU Group for a full premium of \$35,500.00 per year. That's a decrease from our current costs of around 10% so that's a good thing. The City's long time provider, York Risk Services, was purchased by an outfit called Sedgwick in 2019. Since then, they've had many staff defections and very poor service to the City, so we're happy to be looking at other alternatives here and the Civil Service Department is the primary earpiece with the Claims Administrator, conducted interviews with four different providers and The ASU Group was the recommended firm. In regard to the excess insurance which is the insurance that pays claims in one phase until they reach a certain level, in this case over \$600,000.00. They solicited claims for that also and their recommendation is to enter into a contract with Midwest Employers Casualty Company, again for Covid related claims which is in excess of \$600,000.00 and the total estimated annual premium for that is \$163,374.00. That's an increase over our current rate of 20%.

With that, I'd be happy to answer any question.

Councilmember White offered an approving resolution for the Consent Agenda.

DIRECTION:

APPROVING

CONSENT



REPORT TO THE LIVONIA CITY COUNCIL

Finance

October 16, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Michael T. Slater, Finance
Director, Finance

AGENDA ITEM

REQUEST TO ACCEPT QUOTATION FOR WORKERS' COMPENSATION INSURANCE: Department of Finance, re: with The ASU Group, to provide claims administration services and with Midwest Employers Casualty Company to provide excess insurance coverage when losses from any one claim reaches \$600,000, for the period from December 1, 2020 to November 30, 2022.

BACKGROUND

The City's contract for administration of workers' compensation claims and for excess insurance coverage will expire on November 30, 2020. With the assistance of the Marsh & McLennan Agency, quotes were solicited for these services for the period of December 1, 2020 to November 30, 2022. Results of the quotations are attached as Exhibit 1.

We recommend that City Council authorize the execution of a contract with The ASU Group, 2120 University Park Drive, Okemos, MI 48864 to provide the City claims administration services for a total premium of \$35,500 per year. The new claims administration costs reflect a 10% decrease from the current costs. We are recommending The ASU Group even though they were not the lowest quote received. The City's longtime provider, York Risk Services, was purchased by Sedgwick in 2019. There has been many staff defections and very poor service since Sedgwick acquired York. Civil Service reviewed proposals and conducted interviews with four providers and are recommending The ASU Group for the following reasons:

- The account executive is Pat Wehrung who was with York in previous years. Ms. Wehrung has a good knowledge of the City's policies and practices and has provided excellent service previously.
- ASU uses a real-time risk management system allowing the City access to claim status and notes 24/7.
- ASU will take over existing claims from Sedgwick.

We also recommend that City Council authorize the execution of a contract with Midwest Employers Casualty Company, 14755 North Outer Forty Drive, Suite 300, Chesterfield, MO 63017, to provide excess insurance coverage when losses from any one claim reaches

\$600,000, for a total estimated annual premium of \$163,234. The estimated premium is based on the quoted cost of \$ 0.3464 per \$100 payroll for excess insurance coverage. Midwest was the only provider willing to offer a self-insured retention of less than \$750,000 for Police and Fire claims.

The new excess insurance rates reflect a 12% increase over the current rate. Attached is Exhibit 2 which shows the history of the City's workers' compensation costs.

Thank you for your consideration of this request.

RECOMMENDATION

- 1. We recommend that City Council authorize the execution of a contract with The ASU Group, 2120 University Park Drive, Okemos, MI 48864 to provide the City claims administration services for a total premium of \$35,500 per year.**
- 2. We also recommend that City Council authorize the execution of a contract with Midwest Employers Casualty Company, 14755 North Outer Forty Drive, Suite 300, Chesterfield, MO 63017, to provide excess insurance coverage when losses from any one claim reaches \$600,000, for a total estimated annual premium of \$163,234. The estimated premium is based on the quoted cost of \$ 0.3464 per \$100 payroll for excess insurance coverage.**

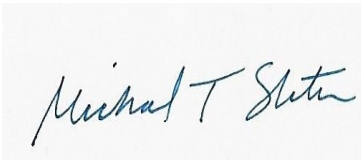
FISCAL CONSIDERATION

The average estimated annual cost for these 2 contracts is \$198,733. Funds are budgeted in the Worker's Comp Premium account no. 101-950-917-100.

ATTACHMENTS

- 1. S110420 Workers' Compensation Minutes
- 2. WC Renewal 2020 Exhibit 1 and 2

APPROVED BY



Michael T. Slater, Finance Director

Date: October 16, 2020

Denise Maier, Human Resources Director

Date: October 16, 2020



Maureen Miller Brosnan, Mayor

Date: October 22, 2020

**City of Livonia
Workers' Compensation Renewal
12-01-18/11-30-20**

Exhibit 1

	Expiring	Renewal #1	Renewal #2	Renewal #3	Renewal #4	Renewal #5
Excess Insurance						
Excess Carrier	Midwest Employers	Midwest Employers	Midwest Employers	Midwest Employers	Arch	Safety National
Term	24 Months	24 Months	12 Months	12 Months	12 Months	12 Months
Policy Period	12-1-18/11-30-20	12-1-20/11-30-22	12-1-20/11-30/21	12-1-20/11-30/21	12-20-20/11-30-21	12-1-20/11-30/21
Estimated Annual Payroll	\$43,546,789	\$47,122,834	\$47,122,834	\$47,122,834	\$47,122,834	\$47,122,834
SIR	\$600,000	\$600,000	\$600,000	\$750,000	\$750,000	\$750,000
Specific Limit	Statutory	Statutory	Statutory	Statutory	Statutory	Statutory
Aggregate Limit	N/A	N/A	N/A	N/A	N/A	N/A
Premium Rate per \$100	0.3084	0.3464	0.3331	0.2922	0.3183	0.2653
Annual Premium	\$134,298	\$163,234	\$156,966	\$137,693	\$150,000	\$125,000
Excess Rate Change	NA	12%	8.0%	2.5%	3%	-14%
Excess Premium Change	NA	\$ 28,935.70	\$ 22,667.86	\$ 3,394.62	\$ 15,701.70	\$ (9,298.30)
Claims Administration						
<u>Provider</u>	Expiring	Renewal # 1 Sedgwick	# 2 Comprehensive Risk	Renewal # 3 CompOne	Renewal #4 ASU	
Fixed Premiums						
Year One	\$37,896	\$38,654	\$34,270	\$27,763	\$35,500	
Year Two	\$38,654	\$38,654	\$31,770	\$27,763	\$35,500	
Total	\$76,550	\$77,308	\$66,040	\$55,526	\$71,000	
Claims Admin Change	NA	\$758	(\$10,510)	(\$21,024)	(\$6,308)	
% change	NA	1%	-14%	-27%	-10%	
Notes:						
Arch and Safety National are indications. Both require a \$750,000 SIR						
CompOne does not include bill review. The average bill count for the last 5 years is roughly 475. This would create an additional cost of \$3,562 (included above)						
CRS does not include bill review. The average bill count for the last 5 years is roughly 475. This would create an additional cost of \$3,800 (included above)						
Sedgwick and ASU pricing includes bill review						
ASU Fee includes EDI reporting. Other providers do not.						
All TPA Pricing includes an annual \$5,000 commission to MMA.						

EXHIBIT 2

Workers Compensation Excess Insurance & Claims Handling Service History

Term	SIR	Excess Rate	Service Rate	Payroll	Term Cost	Average Annual Cost	Average Term Cost Per \$100 of payroll
2020-2022	\$600,000	0.3464	0.0753	\$94,245,668	\$397,466	\$198,733	\$0.4217
2018-2020	\$600,000	0.3084	0.0879	\$87,093,578	\$345,146	\$172,573	\$0.3963
2016-2018	\$750,000	0.2959	0.0984	\$86,643,322	\$341,635	\$170,817	\$0.3943
2015-2016	\$750,000	0.2843	0.1075	\$41,611,495	\$164,293	\$164,293	\$0.3948
2014-2015	\$750,000	0.293	0.1033	\$42,056,261	\$155,387	\$155,387	\$0.3695
2013-2014	\$750,000	0.279	0.0939	\$41,670,834	\$155,387	\$155,387	\$0.3729
2012-2013	\$450,000/\$750,000	0.207051	0.087977	\$42,056,261	\$124,078	\$124,078	\$0.2950
2009-2012	\$350,000	0.1301661	0.087977	\$136,779,828	\$288,891	\$96,297	\$0.2112
2006-2009	\$200,000	0.1376	0.09985	\$124,261,230	\$295,058	\$98,352	\$0.2374
2000-2003	\$200,000	0.08	0.0985	\$112,393,068	\$200,844	\$66,948	\$0.1787
1998-1999	\$200,000	0.0662	0.085	\$70,745,988	\$106,968	\$53,484	\$0.1512
1996-1997	\$250,000	0.1	0.13	\$65,674,234	\$151,051	\$75,526	\$0.2300
1994-1995	\$300,000	0.292	0.16	\$60,992,336	\$275,685	\$137,843	\$0.4520
1993	\$300,000	0.295	0.152	\$29,110,825	\$130,125	\$130,125	\$0.4470
1991-1992	\$300,000	0.338	0.198	\$56,293,430	\$301,733	\$150,867	\$0.5360
1990	\$300,000	0.339	0.226	\$26,069,635	\$147,293	\$147,293	\$0.5650
1989	\$325,000	0.441	0.183	\$24,695,332	\$154,099	\$154,099	\$0.6240

**CITY OF LIVONIA ĩ CITY COUNCIL
MINUTES OF STUDY MEETING HELD NOVEMBER 4, 2020**

Meeting was called to order via Zoom remote technology at 8:41 p.m. by President Kathleen McIntyre. Present: Brandon McCullough, Jim Jolly, Laura Toy, Scott Bahr, Cathy White, and Kathleen McIntyre. Absent: Rob Donovic.

Councilmember McCullough led the meeting in the Pledge of Allegiance.

Elected and appointed officials present: Mark Taormina, Director of Planning and Economic Development; Todd Zilincik, City Engineer; Paul Bernier, City Attorney; Mike Slater, Director of Finance; Denise Maier, Director of Human Resources; Casey O'Neil, Director of Information Systems; and Jacob Rushlow, Director of Public Works

- 7) REQUEST FOR AUTHORIZATION TO PURCHASE ONE (1) 2021 FREIGHTLINER, CAB AND CHASSIS TO BE BUILT AS A VACTOR TRUCK, THROUGH THE SOURCEWELL (FORMERLY NJPA) PURCHASING AGREEMENT: Public Service Division, re: a replacement vehicle to be used by the Water and Sewer Departments, from budgeted funds.

Jacob Rushlow, Superintendent of Public Service, presented this request to Council. He stated the Vactor Truck that they're looking to purchase is a replacement of an existing Vactor Truck in our fleet that is outdated and has really surpassed its life expectancy and that truck will be disposed through the auction process. The Vactor truck is really a multi-faceted piece of equipment used in the Sewer Division for routine preventative maintenance and cleaning of sewer pipes as well as assisting with water main breaks and utility service locating it through excavation. Funding was previously approved in the DPW Capital Outlay Budget and as you mentioned pricing for this was set through the Sourcewell Purchasing Agreement which saved the City just over \$10,500.00 through that purchasing group. With that it is our recommendation that Council proceed to authorize the purchase of this freightliner model 114SD Cab and Chassis to be built with the Vactor truck from Jack Doheny Company in the amount of \$448,520.45. With that, I'd be happy to answer any questions if there are any.

Councilmember McCullough stated that obviously it's coming from budgeted funds, it's a cooperative purchasing agreement, and Vactor trucks are the hardest working vehicles we have in our fleet considering some of the stuff that it does. He then offered an approving resolution for the Consent Agenda.

DIRECTION:

APPROVING

CONSENT



REPORT TO THE LIVONIA CITY COUNCIL

DPW

October 19, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Jill Russell, Secretary III, DPW

AGENDA ITEM

REQUEST FOR AUTHORIZATION TO PURCHASE ONE (1) 2021 FREIGHTLINER, CAB AND CHASSIS TO BE BUILT AS A VACTOR TRUCK, THROUGH THE SOURCEWELL (FORMERLY NJPA)

PURCHASING AGREEMENT: Public Service Division, re: a replacement vehicle to be used by the Water and Sewer Departments, from budgeted funds.

BACKGROUND

The 2019-20 approved capital outlay budget includes the purchase of one Vactor truck for the Water and Sewer Department. Arrangements were made to incorporate the new vehicle purchase through the Sourcewell (formerly NJPA) purchasing agreement which meets the requirements of our purchasing ordinance and allows us to get the best group buying discounts. The Sourcewell contract number 122017-FSC was awarded to Jack Doheny Companies. Pricing through this program saves the City of Livonia \$10,519.66 on this vehicle. The vehicle will not increase our fleet; rather it will replace a vehicle that has surpassed its life expectancy and will be disposed of thru the auction process (MITN or commercial auction).

RECOMMENDATION

It is the recommendation of the Public Service Division that Council authorize the following purchase from Jack Doheny Companies, 777 Doheny Court, Northville, Michigan 48167, for a grand total of \$448,520.45.

1. One 2021 Freightliner Model 114SD cab and chassis to be built as a Vactor truck from funds already approved in the 2019 -20 budget from the Water and Sewer Capital Outlay Account (592-559-142-000).

FISCAL CONSIDERATION

Water and Sewer Capital Outlay Fund (592-559-142-000)
\$448,520.45

ATTACHMENTS

1. S110420 Freighliner purchase for vactor truck Minutes
2. LTC-Vactor 2021

APPROVED BY



Date: October 21, 2020

Donald Rohraff, Director of Public Works



Date: October 21, 2020

Michael T. Slater, Finance Director



Date: October 22, 2020

Maureen Miller Brosnan, Mayor

DEPARTMENT OF PUBLIC WORKS
PUBLIC SERVICE DIVISION

MAUREEN MILLER BROSNAN
MAYOR

DONALD R. ROHRAFF
DIRECTOR OF PUBLIC WORKS

DOUGLAS L. MOORE, MSA
ASST. DIRECTOR OF PUBLIC SERVICE

JACOB A. RUSHLOW, PE
SUPT. OF PUBLIC SERVICE



12973 FARMINGTON ROAD
LIVONIA, MICHIGAN 48150-4202
PH: (734) 466-2655
FAX (734) 466-2660

MAINTENANCE SERVICES

- Roads
- Parks
- Water
- Sewer
- Animal Control
- Forestry
- Equipment
- Storm Drains
- Traffic Signs
- Building Maintenance

October 14, 2020

Honorable Members of the Council
City of Livonia

**RE: Recommendation to Purchase One 2021 Freightliner Model 114SD
Cab and Chassis built as a Vactor truck – Vehicle #342**

Dear Council Members:

The 2019-20 approved capital outlay budget includes the purchase of one Vactor truck for the Water and Sewer Department. Arrangements were made to incorporate the new vehicle purchase through the Sourcewell (formerly NJPA) purchasing agreement which meets the requirements of our purchasing ordinance and allows us to get the best group buying discounts. The Sourcewell contract number 122017-FSC was awarded to Jack Doheny Companies. Pricing through this program saves the City of Livonia \$10,519.66 on this vehicle.

It is the recommendation of the Public Service Division that Council authorize the following purchase from Jack Doheny Companies, 777 Doheny Court, Northville, Michigan 48167, for a grand total of \$448,520.45.

1. One 2021 Freightliner Model 114SD cab and chassis to be built as a Vactor truck from funds already approved in the Water and Sewer Capital Outlay Fund (592-559-142-000).

The vehicle will not increase our fleet; rather it will replace a vehicle that has surpassed its life expectancy and will be disposed of thru the auction process (MITN or commercial auction).

Attached is the recommendation from the Fleet Manager as well as the backup documentation.

DEPARTMENT OF PUBLIC WORKS
PUBLIC SERVICE DIVISION

MAUREEN MILLER BROSNAN
MAYOR

DONALD R. ROHRAFF
DIRECTOR OF PUBLIC WORKS

DOUGLAS L. MOORE, MSA
ASST. DIRECTOR OF PUBLIC SERVICE

JACOB A. RUSHLOW, PE
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- Sewer
- Animal Control
- Forestry
- Equipment
- Storm Drains
- Traffic Signs
- Building Maintenance

October 14, 2020

Honorable Members of the Council
City of Livonia

**RE: Recommendation to Purchase One 2021 Freightliner Model 114SD
Cab and Chassis built as a Vactor truck – Vehicle #342**

Dear Council Members:

The 2019-20 approved capital outlay budget includes the purchase of one Vactor truck for the Water and Sewer Department. Arrangements were made to incorporate the new vehicle purchase through the Sourcewell (formerly NJPA) purchasing agreement which meets the requirements of our purchasing ordinance and allows us to get the best group buying discounts. The Sourcewell contract number 122017-FSC was awarded to Jack Doheny Companies. Pricing through this program saves the City of Livonia \$10,519.66 on this vehicle.

It is the recommendation of the Public Service Division that Council authorize the following purchase from Jack Doheny Companies, 777 Doheny Court, Northville, Michigan 48167, for a grand total of \$448,520.45.

1. One 2021 Freightliner Model 114SD cab and chassis to be built as a Vactor truck from funds already approved in the Water and Sewer Capital Outlay Fund (592-559-142-000).

The vehicle will not increase our fleet; rather it will replace a vehicle that has surpassed its life expectancy and will be disposed of thru the auction process (MITN or commercial auction).

Attached is the recommendation from the Fleet Manager as well as the backup documentation.

DEPARTMENT OF PUBLIC WORKS
PUBLIC SERVICE DIVISION
FLEET MAINTENANCE

GARY T. GARRISON
FLEET MANAGER



JAMES (BUZZ) KIRBY
FLEET SUPERVISOR

13405 SURREY STREET
LIVONIA, MICHIGAN 48150-1527
(734)-466-2604
FAX: (734)-466-2662

October 10, 2020

Purchase of a 2021 Freightliner Model 114SD Cab and Chassis to be built as a Vactor Truck to be used by the Water Department. The City Identification number will be #342.

It is my recommendation that we purchase this 2021 Freightliner cab and chassis with the Vactor upfitting completed from Jack Doheny Company, 777 Doheny Drive, Northville, MI. 48167. This purchase will be made through the Sourcewell purchasing agreement, contract number 122017-FSC.

Use of the Sourcewell agreement meets the requirements of our purchasing ordinance and allows us to get the best group buying discounts. The total cost for the cab and chassis with all upfitting completed and delivery will be \$448,520.45. This total reflects a discount of \$10,519.66.

The cost for this purchase will be made from approved funds in our Capital Acquisition Budget Account 592-559-142-000.

If you have any questions or require additional information, I can be reached at 734-466-2641.

A handwritten signature in blue ink that reads "Gary T. Garrison".

Gary T. Garrison
Fleet Manager



Date: 10/7/2020
Branch: Northville

**Combination Single Engine Sewer Cleaner with Positive Displacement Vacuum System Mounted
on a Heavy Duty Truck Chassis**



Sourcewell Contract #122017-FSC

City of Livonia
12973 Farmington Road
Livonia, MI 48150
734/466-2200
Attn: Mr. Tom Wilson
twilson@ci.livonia.mi.us

BM ID: 2020-38350
PROPOSAL ID: 15414

JACK DOHENY COMPANY

			List	Selected
1	2115P-18	2100i PD, 18" Vacuum, 15 yrd Debris, Combo	\$255,600.00	\$255,600.00
1	2017P	Additional Water, 1500 Gal Total (15 yrd)	\$4,111.00	\$4,111.00
1	5002PA	80 GPM/2500 PSI	STD	STD
1	011PSTD	Aluminum Fenders	STD	STD
1	012PSTD	Mud Flaps	STD	STD
1	014PSTD	Electric/Hydraulic Four Way Boom	STD	STD
1	016PSTD	Color Coded Sealed Electrical System	STD	STD
1	018P	Remote Pendant Control With 35' Cord	\$1,350.00	\$1,350.00
1	019PASTD	Intuitouch Electronic Package	STD	STD
1	020PSTD	Double Acting Hoist Cylinder	STD	STD
1	025PSTD	Handgun Assembly w/35' x 1/2" Hose w/Quick Disconnects	STD	STD
1	026PSTD	Ex-Ten Steel Cylindrical Debris Tank	STD	STD
1	030PSTD	Flexible Hose Guide	STD	STD
1	032PSTD	(3) Nozzles with Carbide Inserts w/Rack	STD	STD
1	045PSTD	Suction Tube Storage - 4 Pipe	STD	STD
1	046PSTD	1" Nozzle Pipe	STD	STD
1	048PSTD	10' Leader Hose	STD	STD
1	1001PSTD	Flat Rear Door w/Hydraulic Locks	STD	STD
1	1005PSTD	Dual Stainless Steel Float Shut Off System	STD	STD
1	1016PSTD	Microstrainer Prior to Blower	STD	STD
1	1024PSTD	Debris Body Vacuum Relief System	STD	STD
1	1031PSTD	Debris Deflector Plate	STD	STD
1	1033PSTD	60" Dump Height	STD	STD
1	2001PSTD	Low Water Alarm with Water Pump Flow Indicator	STD	STD
1	2011PSTD	3" Y-Strainer at Passenger Side Fill	STD	STD
1	2022PSTD	Additional Water Tank Sight Gauge	STD	STD
1	2023PSTD	Liquid Float Level Indicator	STD	STD
1	3019PSTD	Digital Water Pressure Gauge	STD	STD
1	4006PSTD	Joystick Boom Control	STD	STD
1	4010PSTD	Boom Hose Storage, Post for 10 x 15 RDB	STD	STD
1	5011PSTD	3" Y-Strainer @ Water Pump	STD	STD
1	5012PSTD	Performance Package	STD	STD
1	5014PSTD	1" Water Relief Valve	STD	STD
1	5015PSTD	Midship High Pressure Coupling	STD	STD
1	5019PSTD	Chassis Engine Cooling Package	STD	STD
1	5022PSTD	Side Mounted Water Pump	STD	STD
1	6005PDSTD	Digital Hose Footage Counter	STD	STD
1	6007PSTD	Hose Reel Manual Hyd Extend/Retract	STD	STD
1	6009PSTD	Hose Reel Chain Cover	STD	STD
1	6020PBSTD	Hydraulic Extending 15", Rotating Hose Reel, 1" x 800' Capacity	STD	STD
1	6017PSTD	Hydraulic Tank Shutoff Valves	STD	STD
1	7001PSTD	Tachometer/Chassis Engine w/Hourmeter	STD	STD
1	7003PSTD	Water Pump Hour Meter	STD	STD
1	7004PSTD	PTO Hour Meter	STD	STD
1	7005PSTD	Hydraulic Oil Temp Alarm	STD	STD
1	7007PSTD	Tachometer & Hourmeter/Blower	STD	STD
1	8000PSTD	Circuit Breakers	STD	STD

1	8025PSTD	LED Lights, Clearance, Back-up, Stop, Tail & Turn	STD	STD
1	9002PSTD	Tow Hooks, Front	STD	STD
1	9002PSTD	Tow Hooks, Rear	STD	STD
1	9003PSTD	Electronic Back-Up Alarm	STD	STD
1	9021PSTD	Camera System, Rear Only	STD	STD
1	S390BSTD	7" Vacuum Pipe Package	STD	STD
1	S560STD	Emergency Flare Kit	STD	STD
1	S590STD	Fire Extinguisher 5 Lbs.	STD	STD
1	010P	48w x 22h x 24d Curbside Toolbox with Lighting	\$250.00	\$250.00
1	1003P	Debris Body Washout	\$1,546.00	\$1,546.00
1	1005PA	S.S Float Ball Cage for Float Shut Off System	\$563.00	\$563.00
1	1008P	6" Rear Door Knife Valve w/Camloc, 3:00 position	\$1,235.00	\$1,235.00
1	1009PB	Internal Body Screen with Pump Off Ports Only	\$692.00	\$692.00
1	1010P	Pump Off Plumbing, Outlet Location will be dependent on supplied chassis	\$2,972.00	\$2,972.00
1	1010PB	Pump Off Ports and Programming	\$2,413.00	\$2,413.00
1	1014PA	Centrifugal Separators (Cyclones), 304 Stainless Steel	\$6,971.00	\$6,971.00
1	1015PG	Folding Pipe Rack, Curbside, 7" Pipe	\$1,072.00	\$1,072.00
1	1015PAB	Folding Pipe Rack, Streetside, 7" Pipe	\$1,072.00	\$1,072.00
1	1015PBKSTD	Fixed Rear Door Pipe Rack, 7" Pipe	STD	STD
1	1022P	Rear Door Splash Shield	\$1,574.00	\$1,574.00
1	1023P	Lube Manifold	\$2,337.00	\$2,337.00
1	1023PA	Plastic Lube Chart, included with Lube Manifold	STD	STD
1	2006P	Air Purge	\$1,324.00	\$1,324.00
1	3015PA	Hot Shift Blower Drive (automatic Transmission)	\$1,495.00	\$1,495.00
1	3017P	Blower High Temp Safety Shutdown	\$532.00	\$532.00
1	3020P	Digital Water Level Indicator	\$688.00	\$688.00
1	3021P	Digital Debris Body Level Indicator	\$922.00	\$922.00
1	4016P	180 deg. 10' x 15' Rapid Deployment Boom	\$22,089.00	\$22,089.00
1	4011PB	Bellypack Wireless Controls with hose reel controls, 2-way communications, and LCD Display	\$3,184.00	\$3,184.00
1	4013PB	Rotatable Boom Inlet Hose, 10 x 15 RDB	\$579.00	\$579.00
1	5008PB	Cold Weather Recirculator, PTO Driven, 25 GPM	\$1,756.00	\$1,756.00
1	5010PA	Rodder System Accumulator - Jack Hammer on/off Control at Front Hose Reel	\$800.00	\$800.00
1	5015P	High Pressure Couplers, Front and Rear	\$617.00	\$617.00
1	5021PC	Hydro Excavation Kit - Includes Lances, Nozzles, Storage Tray, and Vacuum Tubes	\$3,936.00	\$3,936.00
1	5029P	Cyclone Washout System	\$496.00	\$496.00
1	6003PC	800' x 1" Piranha Sewer Hose 2500 PSI in lieu of STD	\$1,793.00	\$1,793.00
1	6004PB	Hose Wind Guide (Dual Roller), Auto, Indexing with Pinch Roller	\$5,209.00	\$5,209.00
1	6014P	High Pressured Hose Reel	\$1,494.00	\$1,494.00
1	6019P	Rodder Pump Drain Valves	\$500.00	\$500.00
1	6031P	Front Hose Reel Storage	\$300.00	\$300.00
1	8001PB	Rear Directional Control, Signal Master LED Arrow Stick, 8 Lights	\$2,062.00	\$2,062.00
1	8002PA	Waterproof, Rechargeable, Wireless, Handheld, LED Spot Light w/12V Charger and Plug	\$362.00	\$362.00
1	8020PL	14 Light Package, 14 Federal Signal Strobe Lights, LED	\$3,295.00	\$3,295.00

1	8027P	LED Mid-Ship Turn Signals	\$545.00	\$545.00
1	8028P	Worklights (2), LED, 10 x 15 RDB	\$805.00	\$805.00
1	8029PA	Worklight, LED, Operators Station	\$657.00	\$657.00
1	8029PB	Worklight, LED, Hose Reel Manhole	\$657.00	\$657.00
1	8029PC	Worklight, LED, Curb Side	\$328.00	\$328.00
1	9023PA	Safety Cone Storage Rack - Post Style	\$165.00	\$165.00
1	9070PA	Toolbox, Front Bumper Mounted, 16 x 12 x 18 w/(2) LED Side Markers	\$1,997.00	\$1,997.00
1	9070PB	Long Handle Tool Storage	\$352.00	\$352.00
1	9071PE	Toolbox, Behind Cab - 16w 30h x 96d	\$3,185.00	\$3,185.00
1	9072PB	Toolbox, Driver Side Chassis Frame, 24w x 24h x 24d	\$1,612.00	\$1,612.00
1	9074PA	Toolbox, Driver Side Subframe, 18w x 24h x 24d	\$1,333.00	\$1,333.00
1	P112STD	Module Paint, DuPont Imron Elite - Sanded Primer Base	STD	STD
1	P124STD	Vactor 2100i Body Decal, Standard	STD	STD
1	LOGO-APPL.	Vactor/Guzzler Logos - Applied	STD	STD
1	500655B-30	Vactor Standard Manual and USB Version - 1 + Dealer	STD	STD
2	511656F-30	(2) 7" x 90" Vacuum Pipe Weldments	\$919.22	\$919.22
1	512117-30	(1) 7" x 36" Higbee Catch Basin Nozzle	\$709.14	\$709.14
1	Chassis- Mod	Chassis Modifications Charges	\$200.00	\$200.00
	Chassis:			
1		2021 Freightliner 114SD, Cummins L9, 370 HP Engine, Allison 3000 RDS Automatic Transmission, 66,000 GVWR	\$ 102,752.00	\$ 102,752.00
	Non-Sourcewell Options:			Sale Price
1	1099061	Hydraulic Fluid Filter	\$ 132.75	\$ 132.75

Module Paint Color: Blue

Cab Color: White

Sourcewell Build-Proposal Summary

Module/Options Total:	\$350,655.36
Options Sourcewell Discount 3%:	\$ 10,519.66
Module/Options Total per Sourcewell Price Schedule:	\$ 340,135.70
Non Sourcewell Options Total:	\$ 132.75
Total with Module and All Options:	\$ 340,268.45
JDC Supplied Chassis:	\$ 102,752.00
Total with Module, Options, and Chassis:	\$ 443,020.45
Freight and PDI:	\$ 3,500.00
Field Training:	\$ 2,000.00
Total:	\$ 448,520.45

Thank you for your consideration of this proposal.

Sincerely yours,

Dave Snyder

David R. Snyder
Regional Sales Representative
248-939-3223
DaveSnyder@DohenyCompany.com

This proposal becomes a contract for delivery and payment of the merchandise listed above only when signed by the customer or one of its officers.

Customer: _____

By: _____

Date: _____

SALE OF NEW EQUIPMENT TERMS AND CONDITIONS

1. THE AGREEMENT. Jack Doheny Companies, Inc., (the "Seller") agrees to sell, transfer and convey its right, title and interest in the new goods, equipment, vehicles and/or other new items (collectively, the "Equipment") described in Seller's written Invoice for the Sale of New Equipment (the "Invoice") to the Buyer subject to the terms and conditions contained herein, which are incorporated into the Invoice, agreed to by the parties hereto, and together consists of the entire agreement between the Seller and Buyer (collectively, the "Agreement"). The Agreement shall be for the benefit of the Seller and Buyer and not for the benefit of any other person or entity. Prior courses of dealing, trade usage and verbal agreements not reduced to a writing signed by the Seller and Buyer, to the extent they differ from, modify, add to or change from the Agreement shall not be binding on the Seller.
2. TERMS OF PAYMENT.
 - 2.1 Payment Date. All payments for the Equipment are due from Buyer on the date of the invoice unless other terms are agreed to in writing between Seller and Buyer. Payment shall be made to Seller at the address specified in the Agreement, without any offset or deduction for any reason.
 - 2.2 Shipping Delays. If any shipment is delayed at the request of Buyer, payment shall become due based on the date Seller is prepared to make shipment, and Seller may invoice Buyer based on such date. All prices for Equipment are F.O.B. Seller's shipping point.
 - 2.3 Delinquent Payments.
 - 2.3.1 Any payment not made by Buyer on or before its due date shall be subject to a late charge on any unpaid balance at a rate of 18% per annum, or the highest interest rate allowed by law, whichever is greater.
 - 2.3.2 If a payment is not made on or before its due date, Buyer agrees that Seller may elect, in addition to any other remedy at law or in equity, to cease performance under the Agreement and any other agreement between Buyer and Seller until such payment is rendered to Seller.
3. DELIVERY. Seller does not guarantee delivery dates.
4. RISK OF LOSS. Buyer assumes all risk of loss of Equipment upon delivery by Seller to carrier if Equipment is shipped. For Equipment that is shipped, Seller agrees to: (a) prepare the Equipment for shipment to Buyer; (b) deliver custody of the Equipment to carrier; (c) make appropriate arrangements for the transportation to carrier; and deliver documents to enable Buyer to obtain possession of the Equipment. Seller shall not be obligated to obtain insurance or to prepay transportation/carrier costs for the Equipment. Buyer agrees to be responsible for and to timely pay all loading, unloading and other charges incidental to transportation of the Equipment. Whether Seller pays transportation charges or not, risk of loss shall pass to Buyer upon delivery of the Equipment to a carrier.
5. INSPECTION OF EQUIPMENT. Buyer has inspected the Equipment and is satisfied with the Equipment's condition.
6. INDEMNIFICATION. Buyer shall indemnify, hold harmless and release Seller from any and all liabilities, losses, damages, claims, costs and expenses, including attorney fees, arising out of, in whole or in part, from (a) the design, or manufacture of the Equipment; or (b) the use of the Equipment by Buyer and those acting on Buyer's behalf.
7. MISCELLANEOUS.
 - 7.1 No Assignment. There shall be no assignment of the Agreement by Buyer without the prior written approval of Seller. Any assignment of the Agreement shall not relieve Buyer of its obligations under the Agreement.
 - 7.2 Force Majeure. Neither party will be liable for any delay or failure to perform its obligations hereunder, other than a payment obligation, due to any cause beyond its reasonable control including without limitation, acts of God or of the public enemy, including terrorists, acts of the government in its sovereign capacity, fires, floods, epidemic, strikes, picketing or boycotts, or any other circumstances caused by natural occurrences or third party actions beyond the reasonable control and without the fault or negligence of the party whose performance is affected ("Force Majeure Events"); provided that the affected party provides the other party prompt notice of the applicable circumstance and uses commercially reasonable efforts to re-commence performance as promptly as possible; provided, further, that if the duration of such Force Majeure Event exceeds thirty (30) days, the other party may terminate the Agreement upon delivery of written notice to the affected party.
 - 7.3 Venue. The parties agree that any dispute under the Agreement shall be brought in the applicable state or federal court located in the county in which the Originating Branch is located and the parties waive any right to a jury trial.
 - 7.4 Construction and Captions. The parties acknowledge that each has reviewed the Agreement and that the normal rules of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of the Agreement or any exhibits or amendments hereto; and that section headings appearing in the Agreement are for convenience of reference only and they are not intended, to any extent or for any purpose, to limit or define the text of any section or any subsection hereof. In the event any part of the Agreement is found to be ambiguous, such ambiguity shall not be construed against any party.
 - 7.5 Entire Agreement. The Agreement constitutes the sole and entire agreement between the parties and supersedes all prior and contemporaneous statements, promises, understandings or agreements, whether written or oral.
 - 7.6 Amendments. The Agreement may be amended, modified or altered at any time upon the approval of the Seller and Buyer; however, any such amendment must be in writing and signed by the Seller and Buyer in order for such amendment to be of any force and effect.
 - 7.7 Partial Invalidity. In the event that any provision of the Agreement is declared by any court of competent jurisdiction or any administrative judge to be void or otherwise invalid, all of the other terms, conditions and provisions of the Agreement shall remain in full force and effect to the same extent as if that part declared void or invalid had never been incorporated in the Agreement and in such form, the remainder of the Agreement shall continue to be binding upon the parties.
 - 7.8 Counterparts. The Agreement and any amendment thereto may be signed and executed in one or more counterparts, each of which shall be deemed an original and all of which together shall constitute one Agreement. Delivery of an executed counterpart of a signature page of the Agreement by facsimile or email shall be effective as delivery of an originally executed counterpart of the Agreement.
 - 7.9 Authority. Each person(s) executing the Agreement as an agent or in a representative capacity warrants that he or she is duly authorized to do so.

NO WARRANTY. SELLER MAKES NO WARRANTIES OR REPRESENTATIONS EXPRESS OR IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MARKETABILITY OR FITNESS FOR PARTICULAR PURPOSE, ALL OF WHICH ARE SPECIFICALLY HEREBY DISCLAIMED. To the extent allowed by law and those agreements, Seller transfers and assigns to Buyer the Equipment manufacturer's warranties, if any such warranty is provided by the Equipment manufacturer. In no event shall Seller be liable to Buyer for any incidental, consequential, special, exemplary, and/or punitive damages, including without limitations, loss of revenue or profit.

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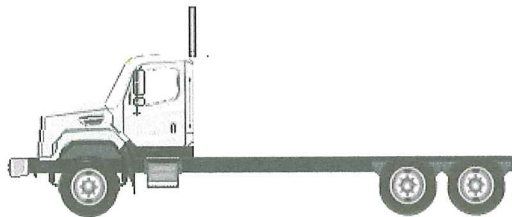
Prepared for the City of Livonia

*A proposal for
Doheny Companies, Inc.*

*Prepared by
WOLVERINE FREIGHTLINER WESTSIDE INC
Greg Gates*

Oct 07, 2020

Freightliner 114SD



Components shown may not reflect all spec'd options and are not to scale

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-23D	SD PRL-23D (EFF:01/21/20)			STD
Data Version				
DRL-036	SPECPRO21 DATA RELEASE VER 036			N/C
Interior Convenience/Driver Retention Package				
055-002	INTERIOR CONVENIENCE PACKAGE			\$278.00
Vehicle Configuration				
001-177	114SD CONVENTIONAL CHASSIS	7,934	6,476	\$154,920.00
004-221	2021 MODEL YEAR SPECIFIED			STD
002-004	SET BACK AXLE - TRUCK	480	-480	(\$2,235.00)
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-002	LIQUID BULK COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-1A0	FREIGHTLINER SD VOCATIONAL WARRANTY			N/C
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 20000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 46000.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 66000.0 lbs			

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 Data Version PRL-23D.036
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 Livonia

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Data Code	Description	Weight Front	Weight Rear	Retail Price
Truck Service				
AA3-034	SEWER/INDUSTRIAL VACUUM BODY			N/C
A88-99D	EXPECTED TRUCK BODY LENGTH : 0.0 ft			
AF3-1DN	VACTOR			N/C
Engine				
101-22V	CUM L9 370 HP @ 2000 RPM, 2100 GOV RPM, 1250 LB/FT @ 1400 RPM	-850	-70	(\$3,843.00)
Electronic Parameters				
79A-065	65 MPH ROAD SPEED LIMIT			N/C
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
79K-005	PTO MODE ENGINE RPM LIMIT - 900 RPM			N/C
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED			N/C
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM			N/C
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
79W-001	ONE REMOTE PTO SPEED			N/C
79X-005	PTO SPEED 1 SETTING - 900 RPM			N/C
N 80G-002	PTO MINIMUM RPM - 700			N/C
80J-001	REGEN INHIBIT SPEED THRESHOLD - 0 MPH			N/C
Engine Equipment				
99C-017	2016-2019 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION			STD
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)			\$109.00
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
014-1B5	SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED			STD
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
292-235	(2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES	-50	-10	(\$106.00)

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Data Code	Description	Weight Front	Weight Rear	Retail Price
290-017	BATTERY BOX FRAME MOUNTED			STD
281-001	STANDARD BATTERY JUMPERS			STD
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB			\$18.00
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8		\$206.00
295-003	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART CHASSIS MOUNTED LH BACK OF CAB	4		\$105.00
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			N/C
152-040	ELECTRONIC ENGINE INTEGRAL WARNING AND DERATE PROTECTION SYSTEM			N/C
128-032	C-BRAKE BY JACOBS WITH LOW/OFF/HIGH BRAKING DASH SWITCH	80		\$2,550.00
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25	\$816.00
28F-007	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND DASH MOUNTED SINGLE REGENERATION REQUEST/INHIBIT SWITCH			N/C
239-200	INTEGRATED STACK AND B-PILLAR PIPE WITH MINIMUM STACK PROTRUSION ABOVE CAB			\$131.00
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP			N/C
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
23Z-001	POLISHED ALUMINUM DIAMOND PLATE DIESEL EXHAUST FLUID TANK COVER	15	5	\$199.00
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILOPIPE SHIELD			\$48.00
273-048	HORTON 2-SPEED DRIVEMASTER ADVANTAGE POLAREXTREME FAN DRIVE			\$323.00

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Data Code	Description	Weight Front	Weight Rear	Retail Price
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED			\$10.00
110-003	CUMMINS SPIN ON FUEL FILTER			N/C
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER			N/C
266-017	1300 SQUARE INCH ALUMINUM RADIATOR	-20		N/C
103-036	ANTIFREEZE TO -34F, ETHYLENE GLYCOL PRE-CHARGED SCA HEAVY DUTY COOLANT			\$18.00
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			N/C
132-004	ELECTRIC GRID AIR INTAKE WARMER			N/C
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH	-35		N/C

Transmission

342-582	ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	STD
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Transmission Equipment

343-323	ALLISON VOCATIONAL PACKAGE 172 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL RDS	N/C
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES	N/C
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY	STD
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY	STD
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE	STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE	STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE	STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE	STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
84M-001	PUMP MODE INPUT ENABLED 3RD/4TH LOCKUP WIRED ON TCM INPUT AJ/BQ - ALLISON 5TH GEN TRANSMISSIONS			N/C
353-022	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT BACK OF CAB			\$49.00
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED			\$23.00
362-1Y2	(2) CUSTOMER INSTALLED MUNCIE CS10 SERIES PTO'S			N/C
363-011	PTO MOUNTING, LH AND RH SIDES OF MAIN TRANSMISSION			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED			STD
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013			STD
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK	-15		N/C
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK			STD
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD

Front Axle and Equipment

400-1AC	MFS-20-133A 20,000# FL1 71.0 INCH KPI/3.74 INCH DROP SINGLE FRONT AXLE	260		\$3,576.00
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	10		N/C
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-023	CONMET CAST IRON FRONT BRAKE DRUMS			\$8.00
427-001	FRONT BRAKE DUST SHIELDS	5		\$102.00
409-006	FRONT OIL SEALS			STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
406-001	STANDARD KING PIN BUSHINGS			STD

Application Version 11.2.506
 Data Version PRL-23D.036
 Doheny 2021 114SB 20F 46R Vactor
 Livonia

10/07/2020 11:52 AM

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Data Code	Description	Weight Front	Weight Rear	Retail Price
536-055	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	130		N/C
539-003	POWER STEERING PUMP			STD
534-003	4 QUART POWER STEERING RESERVOIR			N/C
533-001	OIL/AIR POWER STEERING COOLER			N/C
40T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE			\$17.00
Front Suspension				
620-006	20,000# FLAT LEAF FRONT SUSPENSION	310		\$815.00
619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION			N/C
62G-998	NO FRONT SUSPENSION OPTIONS			STD
62H-014	LEFT AND RIGHT FRONT SUSPENSION REAR SHACKLE PINS WITH ZERK FITTINGS OUTBOARD			\$33.00
410-001	FRONT SHOCK ABSORBERS			\$121.00
Rear Axle and Equipment				
420-111	RT-46-160P 46,000# R-SERIES TANDEM REAR AXLE		450	\$4,398.00
421-563	5.63 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
* 385-005	JACKSHAFT, TEMPORARY DRIVELINE, FOR CUSTOMER FURNISHED EQUIPMENT. TEMPORARILY INSTALLED FOR SHIPPING TO CUSTOMER/TEM	40	40	\$832.00
* 386-011	SPL170 XL DANA SPICER MAIN DRIVELINE WITH HALF ROUND YOKES NO DSB. REFERENCE VIN# MD9033	45	45	\$1,122.00
388-012	SPL170 XL DANA SPICER INTERAXLE DRIVELINE WITH HALF ROUND YOKES		10	\$388.00
452-006	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES		30	\$1,317.00
878-022	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR AXLE VALVE AND (1) REAR-REAR AXLE VALVE			\$24.00
87A-002	BUZZER AND BLINKING LAMP WITH EACH INTERAXLE LOCK SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF			N/C
87B-005	BUZZER AND BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH			N/C

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Data Code	Description	Weight Front	Weight Rear	Retail Price
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			STD
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-001	CAM BRAKE AUXILIARY SUPPORT BRACKETS			\$29.00
451-023	CONMET CAST IRON REAR BRAKE DRUMS		20	\$87.00
440-006	REAR OIL SEALS			STD
426-1B3	BENDIX EVERSURE LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS			\$51.00
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS			\$93.00
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE			N/C
42T-001	STANDARD REAR AXLE BREATHER(S)			STD
Rear Suspension				
622-1CJ	HENDRICKSON RT463 @46,000# REAR SUSPENSION		750	\$3,124.00
621-015	HENDRICKSON RT/RTE - 6.00" SADDLE			(\$17.00)
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD
624-009	54 INCH AXLE SPACING		10	\$245.00
628-005	STEEL BEAMS AND BRONZE CENTER BUSHINGS WITH BAR PIN ADJUSTABLE END CONNECTIONS			N/C
623-005	FORE/AFT CONTROL RODS			N/C
Brake System				
490-100	WABCO 4S/4M ABS			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-1AA	STANDARD U.S. FRONT BRAKE VALVE WITH ABS VALVES IN RAILS WITH RH HEAT SHIELDING			N/C
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-047	BW AD-IS (DRM) BRAKE LINE AIR DRYER WITH SHIELD, HEATER AND INTEGRAL RESERVOIR			\$162.00
479-014	AIR DRYER RESERVOIR MOUNTED			N/C
* 460-031	ALUMINUM AIR BRAKE RESERVOIRS AND STEEL BW AD-IS (DRM) AIR RESERVOIR	-10	-10	\$114.00

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Data Code	Description	Weight Front	Weight Rear	Retail Price
	MOUNT REAR OF AFTERTREATMENT AT FRAME STATION 3100. REMAINING TANKS TO BE MOUNTED IN THE AFTERFRAME			
477-004	PULL CABLES ON ALL AIR RESERVOIR(S)			\$9.00
485-045	METALLIC AIR MANIFOLD MOUNTED TO BACK OF CAB CROSSMEMBER WITH SIX 1/4 INCH FITTINGS AND 70 PSI PROTECTION VALVE	5		\$172.00
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
* 32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT			N/C
Wheelbase & Frame				
545-662	6625MM (261 INCH) WHEELBASE			N/C
546-102	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	770	140	\$2,016.00
547-001	1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT	270	450	\$1,385.00
552-038	1800MM (71 INCH) REAR FRAME OVERHANG			N/C
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-30	130	N/C
549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION	140	-20	\$691.00
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 195.28 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 192.28 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 401.33			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 98.0 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 223.23 in			N/C
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 195.45 in			
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
* 562-057	STANDARD MIDSHIP #1 CROSSMEMBERS LOCATE AT H:3200 AND H:4800			N/C
* 569-005	INCREASED CROSSMEMBER SPACING REQUIRED BY ENGINEERING			N/C
* 572-067	STANDARD REARMOST CROSSMEMBER MOUNTED 960MM AFT OF REAR SUSPENSION CENTERLINE			\$23.00
565-002	HEAVY DUTY SUSPENSION CROSSMEMBER		30	N/C
Chassis Equipment				

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Data Code	Description	Weight Front	Weight Rear	Retail Price
556-997	OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203	-100		(\$294.00)
551-017	GRADE 8 THREADED HEX HEADED FRAME FASTENERS INSTALLED WITH BOLT HEADS ON OUTSIDE OF FRAME			N/C
* 606-155	DRILLING PREP FOR VACTOR PER DRAWING 504400JA, REVISION O, 10/14/2015			\$69.00
605-1AB	D15-16004-000 CENTER PUNCH TO MARK CENTERLINE OF REAR SUSPENSION ON FRAME WEB			\$32.00

Fuel Tanks

204-155	90 GALLON/340 LITER ALUMINUM FUEL TANK - LH	15		\$216.00
218-006	25 INCH DIAMETER FUEL TANK(S)			STD
215-007	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH POLISHED STAINLESS STEEL BANDS			\$334.00
212-007	FUEL TANK(S) FORWARD			STD
664-001	PLAIN STEP FINISH			STD
205-001	FUEL TANK CAP(S)			STD
122-1H4	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND 12 VOLT PREHEATER	10		\$30.00
216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
20E-004	AUXILIARY FUEL SUPPLY AND RETURN PORTS LOCATED ON LH FUEL TANK			\$19.00
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
* 221-012	FUEL COOLER MOUNTED RIGHT HAND IN RAIL AT 2950			\$249.00

Tires

093-0TB	MICHELIN XZY-3 425/65R22.5 20 PLY RADIAL FRONT TIRES	196		\$1,000.00
094-1UX	MICHELIN X MULTI D 11R22.5 14 PLY RADIAL REAR TIRES		192	(\$288.00)

Hubs

418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS			STD
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS			STD

Wheels

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Data Code	Description	Weight Front	Weight Rear	Retail Price
502-1H5	ALCOA LVL ONE 82462X 22.5X12.25 10-HUB PILOT 4.68 INSET 10-HAND ALUMINUM DISC FRONT WHEELS	-8		\$604.00
505-693	ALCOA LVL ONE 88267X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS		-200	\$944.00
524-001	POLISHED FRONT WHEELS; OUTSIDE ONLY			\$28.00
525-001	POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY			\$120.00

Cab Exterior

829-1A2	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
650-008	AIR CAB MOUNTING			STD
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			STD
667-004	FRONT FENDERS SET-BACK AXLE			N/C
754-017	BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS	10		\$115.00
678-018	LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT			\$54.00
645-002	BRIGHT FINISH RADIATOR SHELL/HOOD BEZEL			\$253.00
646-042	STATIONARY BLACK GRILLE WITH BRIGHT ACCENTS			\$88.00
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE			\$15.00
644-004	FIBERGLASS HOOD			STD
690-002	TUNNEL/FIREWALL LINER			\$114.00
727-1AF	SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK			(\$23.00)
726-001	SINGLE ELECTRIC HORN			STD
728-001	SINGLE HORN SHIELD			STD
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME			STD
78G-004	KEY QUANTITY OF 4			\$18.00
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-067	HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS			N/C
302-055	SMALL AERODYNAMIC MARKER LIGHTS WITH OUTER (2) WIRED TO BATTERY DISCONNECT SWITCH			\$9.00
311-025	HEADLIGHTS ON WITH WIPERS, WITH LOW BEAM DAYTIME RUNNING LIGHTS			\$21.00
294-017	INTEGRAL STOP/TAIL/BACKUP LIGHTS WITH 7 EXTRA FEET OF WIRE MOUNTED AT END OF FRAME			\$16.00

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Data Code	Description	Weight Front	Weight Rear	Retail Price
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE			\$286.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
74A-001	RH DOWN VIEW MIRROR			\$21.00
729-001	STANDARD SIDE/REAR REFLECTORS			STD
677-055	RH AFTERTREATMENT SYSTEM CAB ACCESS WITH POLISHED DIAMOND PLATE COVER			\$142.00
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS			STD
654-027	RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)	4		\$218.00
663-013	1-PIECE SOLAR GREEN GLASS WINDSHIELD			STD
659-020	2 GALLON WINDSHIELD WASHER RESERVOIR WITH FLUID LEVEL INDICATOR, FRAME MOUNTED			(\$64.00)
647-001	WHITE WINTERFRONT	2		\$60.00
Cab Interior				
707-1AK	OPAL GRAY VINYL INTERIOR			STD
706-026	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR			\$27.00
708-026	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR			\$27.00
772-006	BLACK MATS WITH SINGLE INSULATION			STD
785-001	DASH MOUNTED ASH TRAYS AND LIGHTER			(\$2.00)
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
694-010	IN DASH STORAGE BIN			N/C
696-012	CENTER STORAGE CONSOLE MOUNTED ON BACKWALL	20		\$26.00
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-006	GRAY/CHARCOAL FLAT DASH			(\$309.00)
860-004	SMART SWITCH EXPANSION MODULE			\$196.00
720-002	2-1/2 LB. FIRE EXTINGUISHER	5		\$37.00

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Data Code	Description	Weight Front	Weight Rear	Retail Price
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-008	STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE			\$31.00
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
689-804	PREP KIT FOR CUSTOMER INSTALLED AUXILIARY HEATER, PLUMBING FROM ENGINE TO RAIL UNDER CAB WITH SHUTOFF VALVES	25		\$311.00
170-019	STANDARD HEATER PLUMBING WITH BALL SHUTOFF VALVES			\$37.00
* 724-001	AUXILIARY HEATER PLUMBING			N/C
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-033	STANDARD INSULATION			STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-011	DOMED DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF			N/C
655-005	LH AND RH ELECTRIC DOOR LOCKS			\$36.00
284-023	(1) 12 VOLT POWER SUPPLY IN DASH			STD
722-002	TRIANGULAR REFLECTORS WITHOUT FLARES	10		\$24.00
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30		\$225.00
760-1J3	BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	25	10	\$255.00
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8		\$138.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER			\$25.00
761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER			\$22.00
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		\$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD

Instruments & Controls

Application Version 11.2.506
 Data Version PRL-23D.036
 Doheny 2021 114SB 20F 46R Vactor
 Livonia

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Data Code	Description	Weight Front	Weight Rear	Retail Price
732-003	WOODGRAIN DRIVER INSTRUMENT PANEL			N/C
734-003	WOODGRAIN CENTER INSTRUMENT PANEL			N/C
* 87L-005	ENGINE REMOTE INTERFACE WITHOUT INTERLOCKS			N/C
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
198-002	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS			\$6.00
721-001	97 DB BACKUP ALARM		3	\$47.00
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			\$2.00
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD
160-039	(1) HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH AND (1) SAE J1939 DIAGNOSTIC INTERFACE CONNECTOR LOCATED CENTER OF DASH			\$9.00
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-071	ENGINE REMOTE INTERFACE WITH INCREMENT/DECREMENT			\$110.00
163-004	ENGINE REMOTE INTERFACE CONNECTOR IN ENGINE COMPARTMENT			N/C
* 33U-002	VACTOR INTERLOCK PREP			N/C
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS			N/C
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
679-001	OVERHEAD INSTRUMENT PANEL			\$74.00
746-115	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH AND USB AND AUXILIARY INPUTS, J1939	10		\$490.00
747-001	DASH MOUNTED RADIO			N/C

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Data Code	Description	Weight Front	Weight Rear	Retail Price
750-002	(2) RADIO SPEAKERS IN CAB			N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF			\$23.00
74D-002	RADIO WIRING WITH POWER CUTOFF WHEN VEHICLE IN REVERSE GEAR			\$13.00
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
813-998	NO VEHICLE PERFORMANCE MONITOR	-5		N/C
6TS-003	(2) TMC RP 1226 ACCESSORY CONNECTORS: (1) LOCATED BEHIND DASH B PANEL AND (1) LOCATED PASSENGER SIDE OF DASH			\$49.00
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP			STD
81Y-001	PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH			\$12.00
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-025	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY PROGRAMMED TO SLOWEST SPEED WITH PARK BRAKE SET			\$19.00
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
Design				
065-000	PAINT: ONE SOLID COLOR			STD
Color				
980-5F6	CAB COLOR A: L0006EY WHITE ELITE EY			STD
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
963-003	STANDARD E COAT/UNDERCOATING			STD
Certification / Compliance				
996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
Secondary Factory Options				
998-001	CORPORATE PDI CENTER IN-SERVICE ONLY			N/C
* 999-047	JACKSHAFT ASSEMBLIES ARE FOR TEMPORARY USE AND SHOULD ONLY BE USED FOR SHIPPING TO THE CUSTOMER/BODY BUILDER			N/C
* 835-003	J1939 500KBPS TO J1939 250KBPS GATEWAY FOR TELEMATICS, VIRTUAL TECHNICIAN AND BODY BUILDER INTERFACE			N/C

Raw Performance Data

AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 192.28 in
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 195.45 in

Sales Programs

NO SALES PROGRAMS HAVE BEEN SELECTED

TOTAL VEHICLE SUMMARY

Adjusted List Price

Adjusted List Price ** \$181,400.00

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight ⁺	9793 lbs	8026 lbs	17819 lbs
Dealer Installed Options	0 lbs	0 lbs	0 lbs
Total Weight ⁺	9793 lbs	8026 lbs	17819 lbs

ITEMS NOT INCLUDED IN ADJUSTED LIST PRICE

Other Factory Charges

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RAG-020	CUMMINS TARIFF CHARGE - \$205	\$205.00
P73-2FT	STANDARD DESTINATION CHARGE	\$2,200.00

Dealer Installed Options

		Weight Front	Weight Rear	Price
WOLV3	FUEL FILTER	0	0	\$41.00
WOLV4	FUEL WATER SEPERATOR CARTDIDGE	0	0	\$43.00
WOLV5	AD-IS AIR DRYER FILTER	0	0	\$107.00
WOLV6	TRANSMISSION FILTER	0	0	\$119.00
WOLV2	OIL FILTER	0	0	\$81.00
Total Dealer Installed Options		0 lbs	0 lbs	\$391.00

(+) Weights shown are estimates only.

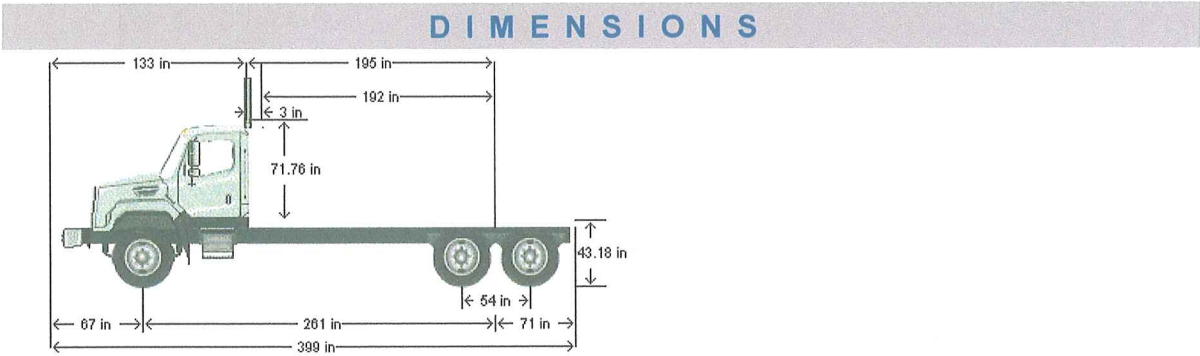
If weight is critical, contact Customer Application Engineering.

(**) Prices shown do not include taxes, fees, etc... "Net Equipment Selling Price" is located on the Quotation Details Proposal Report.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.

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VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model	114SD
Wheelbase (545)	6625MM (261 INCH) WHEELBASE
Rear Frame Overhang (552)	1800MM (71 INCH) REAR FRAME OVERHANG
Fifth Wheel (578)	NO FIFTH WHEEL
Mounting Location (577)	NO FIFTH WHEEL LOCATION
Maximum Forward Position (in)	0
Maximum Rearward Position (in)	0
Amount of Slide Travel (in)	0
Slide Increment (in)	0
Desired Slide Position (in)	0.0
Cab Size (829)	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Sleeper (682)	NO SLEEPER BOX/SLEEPER CAB
Exhaust System (016)	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE

TABLE SUMMARY - DIMENSIONS

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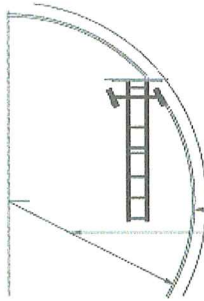
Dimensions	Inches
Bumper to Back of Cab (BBC)	132.9
Bumper to Centerline of Front Axle (BA)	67.3
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	195.3
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	192.3
Back of Cab Protrusions (Exhaust/Intake) (CP)	0.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	266.2
Cab Height (CH)	71.8
Wheelbase (WB)	260.8
Frame Overhang (OH)	70.9
Overall Length (OAL)	399.0
Rear Axle Spacing	54.0
Unladen Frame Height at Centerline of Rear Axle	43.2

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

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TURNING RADIUS



Turning radius graphic and data provided strictly for comparisons between model configurations. Weather, road surfaces, and tire treads affect the results. It is strongly suggested that actual vehicles be measured before constructing any roads/driveways using this information. For specific figures regarding your configuration, please contact your CAE representative.

	Dimensions	Tolerance
Wall to Wall Diameter (ft)	95.6	+/- 3.0
Curb to Curb Diameter (ft)	89.8	+/- 3.0
Turning Radius (ft)	44.1	+/- 1.5

VEHICLE SPECIFICATIONS SUMMARY - TURNING RADIUS

Model 114SD
 Cab Size (829) 114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
 Wheelbase (545) 6625MM (261 INCH) WHEELBASE
 Front Tires (093) MICHELIN XZY-3 425/65R22.5 20 PLY RADIAL FRONT TIRES
 Width (in) 17.7
 Front Axle (400) MFS-20-133A 20,000# FL1 71.0 INCH KPI/3.74 INCH DROP SINGLE FRONT AXLE
 Kingpin Intersection (in) 71
 Bumper (556) OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203
 Width (in) 96
 Bumper Miter to Front Axle (in) 72.017
 Primary Steering Location (003) LH PRIMARY STEERING LOCATION
 Steering Gear (536) TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR
 Dual Steering Gear RCH45
 Ram NONE
 Rear Axle (420) RT-46-160P 46,000# R-SERIES TANDEM REAR AXLE
 Axle Spacing (624) 54 INCH AXLE SPACING

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

Prepared for:
 Ryan Rozycki
 Doheny Companies, Inc.
 777 Doheny Court
 Northville, MI 48167
 Phone: 248 349 0904

Prepared by:
 Greg Gates
 WOLVERINE FREIGHTLINER
 WESTSIDE INC
 3000 WILLIAM AVENUE
 YPSILANTI, MI 48198
 Phone: 734-879-2500

FRAME RBM

VEHICLE SPECIFICATIONS SUMMARY - FRAME RBM

Wheelbase (545)6625MM (261 INCH) WHEELBASE
 Frame Rails (546)..... 7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI(546)
 Yield Strength (psi) 120000
 Section Modulus (per rail) (cu in)21.6
 RBM (per rail) (lbf-in) 2592000
 Inner Frame Reinforcement (547)..... 1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT
 Outer Frame Reinforcement (548)..... NO OUTER FRAME REINFORCEMENT

TABLE SUMMARY - FRAME RBM

Item	Description / Value
Wheelbase	6625MM (261 INCH) WHEELBASE
Frame	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI
Inner Frame Reinforcement	1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT
Outer Frame Reinforcement	NO OUTER FRAME REINFORCEMENT
Yield Strength (psi)	120000
Section Modulus - per rail (cu. in.)	31.00
Frame RBM - per rail (lbf-in)	3715200

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

Prepared for:
 Ryan Rozycki
 Doheny Companies, Inc.
 777 Doheny Court
 Northville, MI 48167
 Phone: 248 349 0904

Prepared by:
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 Phone: 734-879-2500

Q U O T A T I O N

114SD CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK
 CUM L9 370 HP @ 2000 RPM, 2100 GOV RPM, 1250
 LB/FT @ 1400 RPM
 ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH
 PTO PROVISION
 RT-46-160P 46,000# R-SERIES TANDEM REAR AXLE
 HENDRICKSON RT463 @46,000# REAR SUSPENSION
 MFS-20-133A 20,000# FL1 71.0 INCH KPI/3.74 INCH
 DROP SINGLE FRONT AXLE
 20,000# FLAT LEAF FRONT SUSPENSION

114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL
 CAB
 6625MM (261 INCH) WHEELBASE
 7/16X3-9/16X11-1/8 INCH STEEL FRAME
 (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI
 1800MM (71 INCH) REAR FRAME OVERHANG
 1/4 INCH (6.35MM) C-CHANNEL INNER FRAME
 REINFORCEMENT

			PER UNIT		TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	\$	102,361	\$	102,361
EXTENDED WARRANTY		\$	0	\$	0
DEALER INSTALLED OPTIONS		\$	391	\$	391
CUSTOMER PRICE BEFORE TAX		\$	102,752	\$	102,752

TAXES AND FEES

TAXES AND FEES	\$	0	\$	0
OTHER CHARGES	\$	0	\$	0

TRADE-IN

TRADE-IN ALLOWANCE		\$	(0)	\$	(0)
BALANCE DUE	(LOCAL CURRENCY)	\$	102,752	\$	102,752

COMMENTS:

Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X _____ Date: ___ / ___ / ___.

Daimler Truck Financial

Financing that works for you.

See your local dealer for a competitive quote from Daimler Truck Financial, or contact us at Information@dtfoffers.com.

Daimler Truck Financial offers a variety of finance, lease and insurance solutions to fit your business needs. For more information about our products and services, visit our website at www.daimler-truckfinancial.com.

Prepared for:
Ryan Rozycki
Doheny Companies, Inc.
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**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD NOVEMBER 4, 2020**

Meeting was called to order via Zoom remote technology at 8:41 p.m. by President Kathleen McIntyre. Present: Brandon McCullough, Jim Jolly, Laura Toy, Scott Bahr, Cathy White, and Kathleen McIntyre. Absent: Rob Donovic.

Councilmember McCullough led the meeting in the Pledge of Allegiance.

Elected and appointed officials present: Mark Taormina, Director of Planning and Economic Development; Todd Zilincik, City Engineer; Paul Bernier, City Attorney; Mike Slater, Director of Finance; Denise Maier, Director of Human Resources; Casey O'Neil, Director of Information Systems; and Jacob Rushlow, Director of Public Works

- 8) REQUEST TO AMEND CONTRACT WITH OHM ADVISORS AND AUTHORIZE APPROPRIATION AND EXPENDITURE: Public Service Division, re: for the 2021 Drinking Water State Revolving Fund (DWSRF) water main projects, Project 7453-01, to provide engineering design, administration and soils investigation services, from budgeted funds. (CR 365-16).

Todd Zilincik, City Engineer, presented this request to Council. He stated as Council is aware, this is the fifth continuous year of the DWSRF State Revolving Funds, the opportunity to upgrade our infrastructure, water main infrastructure. As you recall we've been down to Coventry Gardens, Old Rosedale Gardens, Eight Mile, and we've been over now into Section 35 and that will be finished up next year. So this is an opportunity for us extending this program with OHM Advisors, who's been handling this since 2014, it's been successful. We're asking for \$5.2 million dollars of water main improvements and this portion will handle designs in Project Areas 4, 5 and 6 that was approved back in 2019 with the Priority Project Plan with EGLE and where we'll be looking at to do improvements is going to be in Section 1 on Angling, Antago, Deering, Ridge, Rensellor and Saint Francis. We will also be looking to do improvements in Section 12 on Floral and Lathers, and again, in Section 12 on Golf and Pershing Streets. We're asking for your approval tonight in the amount of \$307,000.00 for OHM Advisors, Jessica Caters and her team to continue on with getting design plans completed for submittal to EGLE to meet the milestones that have been approved and set by EGLE and looking for construction in 2022. I'd be happy to answer any questions you may have and Jessica Caters from OHM is in attendance at the meeting as well.

President McIntyre stated that it is always appreciated when members of the team such as Jessica Caters from OHM in attendance at the meetings.

Councilmember Jolly offered an approving resolution for the Consent Agenda, stating this is an item that Council has been accustomed to seeing as a Council and as a City. We, as you just mentioned, we obviously know from the personalities involved and we

know OHM Advisors is a great partner of the City. When we're talking about the DWSRF Project, Jessica Caters really deserves a big shout out, this is really her baby on the side of OHM and she is a resident and I think she takes great pride in doing this work for her City as well so we thank her and we congratulate her for the success we've had so far and look forward to going forward. Thank you.

DIRECTION:

APPROVING

CONSENT



REPORT TO THE LIVONIA CITY COUNCIL

Engineering
October 23, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Karen Worley, Secretary IV, Engineering

AGENDA ITEM

REQUEST TO AMEND CONTRACT WITH OHM ADVISORS AND AUTHORIZE APPROPRIATION AND EXPENDITURE: Engineering Division, re: for the 2021 Drinking Water State Revolving Fund (DWSRF) water main projects, Project 7453-01, to provide engineering design, administration and soils investigation services, from budgeted funds. (CR 365-16).

BACKGROUND

Pursuant to Council Resolution No. 365-16, adopted September 19, 2016, the City Council approved the extension of the Qualification Based Selection (QBS) contracts to provide professional engineering services on various federal, state and locally funded projects through fiscal year 2021.

Through their QBS contract, OHM Advisors (OHM) assisted the City in the preparation of the updated Water System Asset Management Plan in late January 2019, which also included a Drinking Water State Revolving Fund (DWSRF) project plan. The DWSRF project plan was submitted to the Michigan Department of Environment, Great Lakes, and Energy (EGLE) in April 2019. In July 2019 we were notified by EGLE that the project plan scored high enough to be placed on the Project Priority List (PPL) and would receive approximated \$5.3 million in funding from the FY 2021 DWSRF program (Project Areas 4, 5 & 6). Since receiving our notice, we have worked with EGLE staff to establish a milestone schedule based on 3rd quarter 2021 financing. Based on that schedule, design would be completed in February 2021 with bidding in the early spring and construction generally beginning in June 2021.

Based on OHM Advisors experience and familiarity with the project plan, we are recommending that OHM Advisors continue as our consultant for the 2021 DWSRF Water Main Improvement Project to provide engineering design, DWSRF contract administration, and soils investigation service. Please see the attached proposal letter dated October 21, 2020 from OHM Advisors that includes a detailed scope of services, project schedule, and costs.

RECOMMENDATION

We respectfully recommend that the City Council proceeds as follows:

- Approve a contract amendment with OHM Advisors, 34000 Plymouth Road, Livonia,

Michigan 48150 to provide engineering design, administration and soils investigation services associated with the 2021 DWSRF Water Main Projects and authorize the Mayor and the City Clerk to execute the contract amendment on behalf of the City of Livonia.

- Authorize an appropriation and expenditure in an amount not-to-exceed \$307,000 (\$279,000 for design engineering, \$10,000 for DWSRF Loan administration, \$15,000 for soil investigation services and \$3,000 for a historical and archaeological investigation) from the Unexpended Fund Balance of the Water and Sewer Fund (592), to be reimbursed from the proceeds of the 2021 DWRF loan.
- Authorize the City Engineer to approve minor adjustments in the work, as required.

FISCAL CONSIDERATION

ATTACHMENTS

1. S110420 OHM Contract Amendment Minutes
2. OHM Letter for DWSRF Project 7453-01 Scope dated 10-19-20
3. 7453-01 DWSRF Milestone Schedule, 10.14.20

APPROVED BY



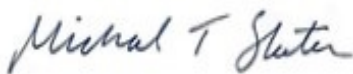
Todd Zilincik, City Engineer

Date: October 23, 2020



Donald Rohraff, Director of Public Works

Date: October 23, 2020



Michael T. Slater, Finance Director

Date: October 23, 2020



Paul Bernier, City Attorney

Date: October 23, 2020



Date: October 23, 2020

Maureen Miller Brosnan, Mayor

ARCHITECTS. ENGINEERS. PLANNERS.

October 21, 2020

Todd Zilincik, PE, City Engineer
33000 Civic Center Dr.
Livonia, MI 48154

Regarding: 2021 Drinking Water State Revolving Fund (DWSRF) Project 7453-01
Proposal for Engineering Services

Dear Mr. Zilincik:

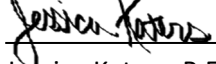
The City, with OHM Advisor's assistance, completed the planning activities required to prepare and submit a Water Master Plan and subsequently a DWSRF Project Plan to the Michigan Department of Environment, Great Lakes & Energy (EGLE) in April of 2019. The Project Plan is the document required to apply for a low-interest loan from the Drinking Water State Revolving Fund Loan Program for improvements to the City's Water System. The planning activities included a comprehensive Water Master Plan and prioritized Capital Improvements Plan addressing portions of the system where replacement and upgrade efforts are deemed necessary.

In July of 2019 the City was notified by EGLE that the Project Plan scored high enough on the Project Priority List (PPL) to receive approximately \$5.3 million in funding from the FY 2021 DWSRF Program (Project Areas 4, 5, & 6). Since that notice, we have worked with City staff and EGLE to define the schedule and expectations of accepting the funding and completing the proposed improvements. Based on that effort, we have prepared the attached Scope of Services, Schedule and Proposed Fees to assist the City with the effort necessary to deliver the improvements. We have based our proposal on the terms and conditions of the current Professional Services agreement. The proposed project Supplements (A-C) for this project are included.

We appreciate this opportunity to provide professional services to the City and look forward to executing the plan that continues to save the City money through long term capital investment.

Sincerely,

OHM Advisors



Jessica Katers, P.E.

Project Manager

CC: Don Rohraff, Director of Public Works
Jacob Rushlow, PE, Superintendent of Public Services
David Lear, PE, Assistant City Engineer

EXHIBIT A
PROJECT SPECIFIC SCOPE OF SERVICES, PROJECT SCHEDULE, PAYMENTS
TO CONSULTANT

The information contained in this Exhibit applies only to the following project:

Project Title:
2021 DRINKING WATER STATE REVOLVING FUND (DWSRF) PROJECT NO. 7453-01

Dated: _____, 2020

This is an Exhibit to the Professional Services Contract dated December 1, 2016 between the City of Livonia, and Orchard, Hiltz & McCliment, Inc. (OHM Advisors), whose address is 34000 Plymouth Road, Livonia, MI 48150.

This Exhibit acts as a duly executed written instrument that amends, supplements, modifies, or cancels certain portions of the contract, as provided in Article 8.01 of the contract.

A. SCOPE OF SERVICES

CONSULTANT is requested to provide Design and Construction Phase Services for the proposed improvements in accordance with attached Supplement A, dated October 21, 2020.

B. PROJECT SCHEDULE

The Project Schedule is attached as Supplement B, dated October 21, 2020.

C. PAYMENTS TO CONSULTANT

CONSULTANT shall be paid on an hourly basis up to an amount not-to-exceed three hundred seven thousand dollars and zero cents (\$307,000) in accordance with the tasks and payment terms on Supplement C, dated October 21, 2020.

In Witness Whereof, the City and Consultant, by and through their duly authorized officers and representatives, have executed this Contract.

In the Presence of:

CITY OF LIVONIA, a Michigan
Municipal Corporation

By: _____
Maureen Miller Brosnan, Mayor

By: _____
Susan M. Nash, City Clerk

In the Presence of:

OHM Advisors

Jessica Katers 
Digitally signed by Jessica Katers
DN: C=US,
E=jessica.katers@ohm-advisors.com,
O=OHM Advisors, CN=Jessica Katers
Date: 2020.10.22 17:18:19-04'00'

By: _____
Rhett A. Gronevelt, PE
Digitally signed by Rhett Gronevelt
Date: 2020.10.22 17:12:15-04'00'

Approved:

Its: Principal

Donald R. Rohraff
Director of Public Works

Approved:

Todd J. Zilincik, PE
City Engineer

Approved:

Pursuant to Council Resolution

No.: _____

Michael Slater
Director of Finance

Adopted on: _____

Approved:

Paul A. Bernier
Department of Law

CITY OF LIVONIA

2021 DRINKING WATER STATE REVOLVING FUND (DWSRF) PROJECTS PROJECT NUMBER 7453-01

PROJECT UNDERSTANDING

The CITY prepared and submitted a Drinking Water State Revolving Fund (DWSRF) Project Plan in April of 2019, requesting \$38.6M in funding. The Project Plan was ranked within the fundable range of the Michigan Department of Environment, Great Lakes & Energy (EGLE) - Revolving Loan Section's Fiscal Year (FY) for Projects 4, 5 and 6 for the FY 2021 on the Project Priority List (PPL). These project areas total \$5,300,000 of the overall requested amount. The PPL is prepared to determine whether projects are eligible for funding through the DWSRF Low Interest Loan Program. By scoring within the fundable range, the CITY is eligible to proceed with projects that improve the Drinking Water system as part of CITY'S DWSRF Project Plan.

The CITY will proceed with the projects through the DWSRF Program and follow the attached draft milestone schedule. The PPL identified that The City of Livonia is eligible for future funding, with no specified date, for the Project Areas 7 through 9 identified within the DWSRF Project Plan.

It is anticipated that plans and specifications for the following projects will bid as a single package in FY 2021:

	<u>Title</u>	<u>Est. Project Cost</u>
<i>Project 4</i>	Botsford Park Sub. Replacement (Sec. 01)	\$ 2,974,000
<i>Project 5</i>	Thomas F. O'Connor's Park View Acres Sub. Replacement (Sec. 12)	\$ 1,725,000
<i>Project 6</i>	Garden Farms Replacement (Sec. 12)	\$ 602,000

CITY staff and CONSULTANT recommend that the three projects be bid together to minimize the contract administration and maximize any savings by bidding a larger volume of work. The use of the DWSRF Program for funding means that federal and state requirements for contract documents, administration of the construction contract and reporting must be followed.

Engineering services are divided into two (2) phases. Phase 1 includes design, bidding and DWSRF administration for each of the three (3) projects. Phase 2 includes construction engineering and DWSRF administration and will be presented in a separate contract supplement after the contract is let for bidding.

PHASE 1: DESIGN, BIDDING AND DWSRF ADMINISTRATION**Task 1: Projects 4, 5, and 6**

The projects consist of replacing water main within the Botsford Park Subdivision along the streets of: Angling, Antago, Deering, Bridge, Rensellor and Saint Francis (Section 1), within Thomas F. O'Connor's Park View Acres Subdivision along the streets of: Floral and Lathers (Section 12), and within the Garden Farms Subdivision along the streets of: Goff and Pershing (Section 12).

The work to be completed under this project will include the replacement of the public water system along the streets listed below:

Water Main Replacement in Botsford Park Subdivision (DWSRF Project Plan #4):

- 1) **Angling Street** from Pembroke to 7 Mile Road
- 2) **Antago Street** from Pembroke to 7 Mile Road
- 3) **Deering Street** from Pembroke to Angling Street
- 4) **Bridge Street** from Saint Francis to Inkster Road
- 5) **Rensellor Street** from Pembroke to 7 Mile Road
- 6) **Saint Frances** from Pembroke to Bridge Street

Total: 11,600 linear feet of replacement (6-inch and 8-inch Mains)

Water Main Replacement for Thomas F. O'Connor's Park View Acres Subdivision (DWSRF Project Plan #5):

- 1) **Floral Street** from 7 Mile Road to Lathers Street
- 2) **Lathers Street** from Curtis Street to Floral Street

Total: 6,700 linear feet of replacement (8-inch Mains)

Water Main Replacement for Garden Farms Subdivision (DWSRF Project Plan #6)

- 1) **Goff Street** from 7 Mile Road to Goff Street
- 2) **Pershing Street** from Goff Street to Pickford

Total: 2,300 linear feet of replacement (6-inch and 8-inch Mains)

In total, just over 3.9 miles of replacement and upsizing of water main is proposed for Projects 4, 5, and 6.

The new water main for neighborhood installation will be a minimum 8" diameter water main installed primarily by pipe bursting methods. This project will also include all new valves, hydrants, and water services with shut-off valve and boxes to each property. It is anticipated that the new water main will be installed within the area between the edge of the roadway and sidewalk.

The project is anticipated to be funded through a Drinking Water State Revolving Fund (DWSRF) loan administered by the Michigan Department of Environment, Great Lakes & Energy (EGLE).

CONSULTANT will prepare plans and a typical cross section for the water main replacement. It is anticipated that given the nature of the proposed improvements, the level of detail on the plans can be kept to a minimum. CONSULTANT will prepare base plans using CITY supplied GIS data, aerial imagery, franchise utility information, and record drawings. A general plan for the water main replacement will be completed, with sufficient detail to obtain a 399 permit for construction from the EGLE, and other applicable permits.

No improvements to the existing sanitary sewer system or significant drainage improvements are included in this scope of work. There does not appear to be any regulated or non-regulated wetlands directly affected by this project. Wetland investigation and/or wetland permitting is not included.

Existing driveway approaches impacted by the water main installation will be replaced. Concrete driveways will be replaced with concrete, asphalt driveways will be replaced with asphalt.

Concrete sidewalk or asphalt pathways will be replaced as needed to install the water main with provisions for the installation of ADA ramps at the intersections of the above mentioned streets. The intent is to end construction at the end of radii and stay within the CITY'S rights-of-way when possible. However, the water main connections in the Seven Mile Road and Inkster Road right-of-ways will require a permit from the Wayne County Department of Public Services (WCDPS). Minimal soil erosion control measures are anticipated and will be illustrated on a soil erosion control plan. Turf restoration is generally anticipated to be accomplished with topsoil, seed and mulch, with isolated use of sod.

More specifically, the CONSULTANT will:

Preliminary Engineering

1. Organize and attend a pre-design meeting with the CITY.
2. Obtain proposal from subconsultant to conduct an on-site soils investigation within the project area.
3. Obtain proposal from subconsultant to conduct an investigation of all historic and archaeological sites within the project areas.
4. Meet with the CITY for review and approval of the preliminary design.
5. Conduct a field visit to the project area to identify constructability issues and identify potential field problems.
6. Determine additional required permits needed to construct project other than an EGLE permit for water main and right-of-way permits from WCDPS.
7. Notify known utility agencies of the proposed work, check the existing known utilities, public and private, within the project limits for project conflicts, and coordinate potential relocations. Setup and facilitate a utility coordination meeting to include coordination of private utility replacements.

8. Prepare a preliminary engineer's opinion of probable cost and review possible alternatives with the CITY.

Construction Plans and Specifications

9. CONSULTANT will prepare base plans based on GIS data, aerial imagery, franchise utility information, and record drawings. The base plan will be prepared using AutoCAD 2018 Format.
10. Supplemental topographical survey work will be performed to tie-down ROW information and critical water main connection points.
11. Design and preparation of engineering construction drawings for the proposed road and water main improvements. This will include a cover sheet, construction plan, quantity takeoffs, and typical cross-sections.
12. Prepare necessary technical specifications, unit price section, and a bid form for the proposed work. Compile a project manual including all necessary contract documents including any necessary EGLE boilerplate contract language will be included.
13. Attend two (2) plan review meetings with the CITY when plans are at approximately 50% and 90% completion.
14. Apply for WCDPS ROW and EGLE water main permits.
15. Prepare a final engineer's opinion of probable cost.
16. Attend a public information meeting, pending the global health/pandemic situation.

Project Procurement

17. Prepare contact documents including specifications and itemized bid form.
18. Prepare bid tabulations spreadsheet and provide recommendations for awarding the contract. Following review, revise documents and submit final electronic copies of contract document package for bidding on Michigan Inter-governmental Trade Network (MITN) and up to ten (10) hard copies. Prepare estimate of probable construction cost.
19. Should any of the proposed work appear to impact private utilities, CONSULTANT will notify utility companies of possible impact.

DWSRF Loan Administration

As part of the DWSRF Process, EGLE requires local agencies to provide information during the design and bidding period to assist in the development of Environmental Assessment documents as well as loan preparation and closing by the Michigan Municipal Bond Authority. This effort is divided into three separate applications (Parts I, II, & III). CONSULTANT will assist the CITY in preparing these applications and accompanying documents necessary for the projects.

After bidding, CONSULTANT will review the Contractor bid documents including all necessary Women Business Enterprise / Disadvantaged Business Enterprise (WBE/DBE) documents to ensure the Contractor followed required guidance for subcontractor solicitations.



CITY OF LIVONIA

2021 DRINKING WATER STATE REVOLVING FUND (DWSRF) PROJECT NUMBER 7453-01

CONSULTANT shall provide services for the Phases and Tasks outline on Supplement A according to the approximate timeframe below.

The project will follow the milestone schedule provided by EGLE in October 2020. The schedule includes several key submittal dates as well as a required date for bidding and loan closing. Key dates are shown in the following schedule:

Milestone	Date
Authorization	November 16, 2020
Preliminary Plans and Specifications to EGLE	December 07, 2020
Final Plans and Specifications	February 08, 2020
Part I Application Due	February 16, 2021
Part II Application Due	February 16, 2021
Project Permits.....	March 04, 2021
Bidding Advertisement	March 8, 2021
Bid Opening	April 13, 2021
Part III Application Due	April 16, 2021

Detailed schedules for construction will be developed during the design phase. It is anticipated that construction would generally begin in June 2021 and be completed in June of 2022.



CITY OF LIVONIA

2021 DRINKING WATER STATE REVOLVING FUND (DWSRF) PROJECTS PROJECT NUMBER 7453-01

Design Phase

The CITY agrees to pay the CONSULTANT on an hourly basis, billed monthly, per the 2020/2021 Rate Schedule at the not-to-exceed amount of three hundred seven thousand dollars and zero cents (\$307,000).

This amount is based on *Attachment A to QBS Contract: Engineering Fees by Construction Value and Type of Project* and includes two hundred seventy-nine thousand dollars and zero cents (\$279,000 - 6% of the project's estimated \$4,650,000 construction value) for engineering design, ten thousand dollars (\$10,000) for DWSRF Loan administration, fifteen thousand dollars (\$15,000) for obtaining soils investigations from SUBCONSULTANT, and three thousand dollars (\$3,000) for obtaining historical and archaeological investigation for SHPO clearance from SUBCONSULTANT.

Additional Services

Additional services, if approved by City Council, shall be paid at the current hourly rate schedule or at an agreed upon price between the CITY and CONSULTANT.

Notes

- Invoices shall be submitted monthly.
- 2020 Hourly Rate Schedule is attached for reference.



OHM ADVISORS 2020 HOURLY RATE SCHEDULE

Professional Engineer IV / Architect IV / Senior Interior Designer IV	\$180.00
Professional Engineer III / Architect III / Senior Interior Designer III	\$165.00
Professional Engineer II / Architect II / Senior Interior Designer II	\$150.00
Professional Engineer I / Architect I / Senior Interior Designer I	\$137.00
Project Specialist II	\$158.00
Project Specialist I	\$130.00
Graduate Engineer IV	\$145.00
Graduate Engineer III	\$135.00
Graduate Engineer II	\$130.00
Graduate Engineer I	\$120.00
Graduate Architect III / Landscape Architect III / Interior Designer III	\$130.00
Graduate Architect II / Landscape Architect II / Interior Designer II	\$110.00
Graduate Architect I / Landscape Architect I / Interior Designer I	\$98.00
Technician IV	\$135.00
Technician III	\$120.00
Technician II	\$100.00
Technician I	\$80.00
Engineering / Architectural / Interior Design Aide	\$65.00
Professional Surveyor III	\$160.00
Professional Surveyor II	\$150.00
Professional Surveyor I	\$135.00
Graduate Surveyor	\$115.00
Surveyor III	\$115.00
Surveyor II	\$108.00
Surveyor I	\$88.00
Surveyor Aide	\$65.00
Planner IV	\$160.00
Planner III	\$140.00
Planner II	\$118.00
Planner I	\$98.00
Planner Aide	\$65.00
Graphic Designer	\$110.00
Administrative Support	\$70.00
Clerical Aide	\$59.00
Principal	\$205.00
Sr. Associate	\$195.00
Associate	\$183.00

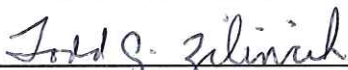
Rates as reflected subject to review and adjustment on an annual basis.
2020 Public Rates 19-1113

**Michigan Department of Environment, Great Lakes, and Energy (EGLE)
Drinking Water State Revolving Fund (DWSRF) Project Milestone Schedule
for 3rd Quarter Financing in Fiscal Year 2021
Anticipated Loan Closing on June 7, 2021**

Applicant Name: City of Livonia
Project Number: 7453-01
Project Description: Water Main Replacement

<u>Milestone</u>	<u>By No Later Than</u>
Publication of Environmental Assessment (EA)	02/03/21
Public Notice Clearance	03/04/21
EGLE Approval of Project Plan	03/05/21
Submittal of Draft Rate Methodology and Legal Documents	10/29/20
EGLE Comments on Draft Rate Methodology and Legal Documents	11/30/20
Submittal of Final Rate Methodology and Legal Documents	01/07/21
EGLE Approval of Rate Methodology and Legal Documents	01/29/21
Submittal of Draft Plans & Specifications	12/07/20
EGLE Comments on Draft Plans & Specifications	01/15/21
Submittal of Final Plans & Specifications	02/08/21
Issuance of Construction Permit	03/04/21
EGLE Approval of Plans & Specifications	03/05/21
Submittal of DWSRF Application Part I and Part II	02/16/21
Submittal of DWSRF Application Part III (including Resolution of Tentative Contract Award after issued)	04/16/21
Publication of Bid Advertisement	03/08/21
Opening of Bids	04/13/21
Resolution of Tentative Contract Award by Governing Body	04/30/21
EGLE Order of Approval	05/17/21

As the authorized representative for this project, I understand that failure to adhere to this schedule may result in the bypass of this project and the assignment of funds reserved for it to other projects on Michigan's Project Priority List in accordance with the provisions of Section 5406 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Accepted on 10/14/20 By: 
Applicant's Authorized Representative

Accepted on _____ By: _____
Project Manager, Finance Division
Water Infrastructure Financing Section

Approved on _____ By: _____
Unit Supervisor, Finance Division
Water Infrastructure Financing Section

**CITY OF LIVONIA ĩ CITY COUNCIL
MINUTES OF STUDY MEETING HELD NOVEMBER 4, 2020**

Meeting was called to order via Zoom remote technology at 8:41 p.m. by President Kathleen McIntyre. Present: Brandon McCullough, Jim Jolly, Laura Toy, Scott Bahr, Cathy White, and Kathleen McIntyre. Absent: Rob Donovic.

Councilmember McCullough led the meeting in the Pledge of Allegiance.

Elected and appointed officials present: Mark Taormina, Director of Planning and Economic Development; Todd Zilincik, City Engineer; Paul Bernier, City Attorney; Mike Slater, Director of Finance; Denise Maier, Director of Human Resources; Casey O'Neil, Director of Information Systems; and Jacob Rushlow, Director of Public Works

- 9) REQUEST TO RESCIND COUNCIL RESOLUTION 230-20 WHICH ACCEPTED A PUBLIC UTILITY EASEMENT FOR SANITARY SEWER EASEMENT AT 31800 ENTERPRISE DRIVE IN THE SOUTH 1/2 OF SECTION 27 AND HAVE THE UTILITY SERVICE REMAIN PRIVATE: Engineering Division, re: request from the owner, Livonia Estates Ltd. for the sanitary sewer to remain private.

Todd Zilincik, City Engineer, presented this request to Council. He stated that he hates to do this but the owners changed their mind on keeping their sewer private here bulkheaded. Obviously if you're hooking up to a public sewer main we want to make sure we have it up to our standards and specifications, so walk away, little or low maintenance to the system itself. So they've done a great job over there in the development there west of Merriman Road and north of Plymouth on their development over the last couple of years, so we appreciate all of the investment they've done to those buildings over three phases with Nowac & Fraus and just looking for your approval to rescind the easement that was supposed to be public, it did not get recorded down at Wayne County, this is just a bit of housekeeping.

Vice President Bahr offered an approving resolution for the Consent Agenda.

DIRECTION:	APPROVING	CONSENT
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REPORT TO THE LIVONIA CITY COUNCIL

Engineering
October 13, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Karen Worley, Secretary IV, Engineering

AGENDA ITEM

REQUEST TO RESCIND COUNCIL RESOLUTION 230-20 WHICH ACCEPTED A PUBLIC UTILITY EASEMENT FOR SANITARY SEWER EASEMENT AT 31800 ENTERPRISE DRIVE IN THE SOUTH 1/2 OF SECTION 27 AND HAVE THE UTILITY SERVICE REMAIN PRIVATE: Engineering Division, re: request from the owner, Livonia Estates Ltd. for the sanitary sewer to remain private.

BACKGROUND

Pursuant to a request from Livonia Estates Ltd., for a public utility easement in the South 1/2 of Section 27, in connection with the sanitary sewer constructed at 31800 Enterprise Drive, the City Council approved the easement with Council Resolution No. 230-20 on August 5, 2020.

Livonia Estates Ltd. has decided not to pursue a public utility easement for the sanitary sewer and has instead requested that the utility service remain private. The Engineering Division has no issues with this request as the changes in the construction of the sanitary sewer no longer necessitate a public utility easement.

RECOMMENDATION

In order to remove the previously approved public utility easement, we respectfully recommend that the City Council rescind Council Resolution No. 230-20.

FISCAL CONSIDERATION

ATTACHMENTS

1. S110420 Request to rescind 230-20 Minutes
2. C.R. #230-20
3. R080520 Grant of Easement for sanitary sewer (31800 Enterprise Drive) (EASEMENTS)

APPROVED BY



Date: October 13, 2020

Todd Zilincik, City Engineer



Date: October 15, 2020

Donald Rohraff, Director of Public Works



Date: October 15, 2020

Paul Bernier, City Attorney



Date: October 22, 2020

Maureen Miller Brosnan, Mayor

On a motion by Jolly, supported by Bahr, and unanimously adopted, it

was:

#230-20 RESOLVED, that having considered a communication from the Department of Law, dated July 1, 2020, approved for submission by the Mayor, transmitting for Council acceptance of a Grant of Easement executed by Sarena Koschitzky, Vice President of Livonia Estates Ltd., a Canadian limited company, for a public utility easement in connection with the construction of a sanitary sewer at the subject location in the South 1/2 of Section 27, more particularly described as:

Twelve Foot Wide Sanitary Sewer Easement

A twelve (12) foot wide easement for public sanitary sewer described along its centerline as: Commencing at the northwest corner of Lot 19, Farmington-Plymouth Industrial Complex, being part of the South 1/2 of Section 27, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan as recorded in Liber 94, Pages 46, 47, 48 and 49 of Plats, Wayne County Records; thence S 00°05'04" W, 45.00 feet; thence S 89°54'56" E, 110.00 feet; thence S 19°58'39" E, 216.95 feet to the Point of Beginning of said easement; thence S 89°58'53" E, 6.41 feet to the Point of Ending, said easement extends to and ceases at all property lines and or right-of-way lines which intersect said easement centerline.

The Council does hereby, for and in behalf of the City of Livonia, accept the aforesaid Grant of Easement and the City Clerk is hereby requested to have the same recorded in the Office of the Register of Deeds and to do all other things necessary or incidental to fulfill the purpose of this resolution.

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

TODD J. ZILINCIK, P.E.
City Engineer

DAVID W. LEAR, P.E.
Assistant City Engineer



MAUREEN MILLER BROSNAN
MAYOR

DONALD R. ROHRAFF
Director of Public Works

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2571
FAX: (734) 466-2195

October 12, 2020

Honorable Members of the City Council
City of Livonia

Re: Request to Rescind Council Resolution No. 230-20
Easement for Sanitary Sewer
31800 Enterprise Drive
South ½ of Section 27
Parcel ID #46-108-99-0006-007

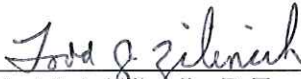
Dear Council Members:

Pursuant to a request from Livonia Estates Ltd., for a public utility easement in the South ½ of Section 27, in connection with the sanitary sewer constructed at 31800 Enterprise Drive, the City Council approved the easement with Council Resolution No. 230-20 on August 5, 2020.

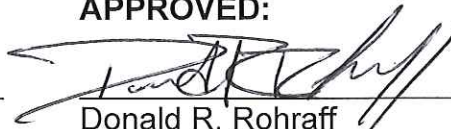
Livonia Estates Ltd. has decided not to pursue a public utility easement for the sanitary sewer and has instead requested that the utility service remain private. The Engineering Division has no issues with this request as the changes in the construction of the sanitary sewer no longer necessitate a public utility easement.

In order to remove the previously approved public utility easement, we respectfully recommend that the City Council rescind Council Resolution No. 230-20.

Sincerely,


Todd J. Zilincik, P.E.
City Engineer

APPROVED:


Donald R. Rohraff
Director of Public Works

To: Honorable Member of the City Council
Re: Request to Rescind Council Resolution No. 230-20
Easement for Sanitary Sewer
31800 Enterprise Drive

October 12, 2020
Page 2 of 2

APPROVED AS TO FORM:



Paul A. Bernier
City Attorney

APPROVED FOR SUBMISSION:



Maureen Miller Brosnan, Mayor
CITY OF LIVONIA

TJZ:kjw

Attachment: Council Resolution No. 230-20

cc: Mayor, Council, Clerk, Law, Finance, DPW, File

On a motion by Jolly, supported by Bahr, and unanimously adopted, it

was:

#230-20 RESOLVED, that having considered a communication from the Department of Law, dated July 1, 2020, approved for submission by the Mayor, transmitting for Council acceptance of a Grant of Easement executed by Sarena Koschitzky, Vice President of Livonia Estates Ltd., a Canadian limited company, for a public utility easement in connection with the construction of a sanitary sewer at the subject location in the South 1/2 of Section 27, more particularly described as:

Twelve Foot Wide Sanitary Sewer Easement

A twelve (12) foot wide easement for public sanitary sewer described along its centerline as: Commencing at the northwest corner of Lot 19, Farmington-Plymouth Industrial Complex, being part of the South 1/2 of Section 27, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan as recorded in Liber 94, Pages 46, 47, 48 and 49 of Plats, Wayne County Records; thence S 00°05'04" W, 45.00 feet; thence S 89°54'56" E, 110.00 feet; thence S 19°58'39" E, 216.95 feet to the Point of Beginning of said easement; thence S 89°58'53" E, 6.41 feet to the Point of Ending, said easement extends to and ceases at all property lines and or right-of-way lines which intersect said easement centerline.

The Council does hereby, for and in behalf of the City of Livonia, accept the aforesaid Grant of Easement and the City Clerk is hereby requested to have the same recorded in the Office of the Register of Deeds and to do all other things necessary or incidental to fulfill the purpose of this resolution.

Minutes of the August 5, 2020 Regular Meeting

On a motion by Jolly, supported by Bahr, and unanimously adopted, it was:

EASEMENTS

(Law Dept)
Acceptance of a Grant of Easement executed by Sarena Koschitzky, Vice President of Livonia Estates Ltd., a Canadian limited company. in connection with the construction of a sanitary sewer constructed at 31800 Enterprise Drive.

#230-20 RESOLVED, that having considered a communication from the Department of Law, dated July 1, 2020, approved for submission by the Mayor, transmitting for Council acceptance of a Grant of Easement executed by Sarena Koschitzky, Vice President of Livonia Estates Ltd., a Canadian limited company, for a public utility easement in connection with the construction of a sanitary sewer at the subject location in the South 1/2 of Section 27, more particularly described as:

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A twelve (12) foot wide easement for public sanitary sewer described along its centerline as: Commencing at the northwest corner of Lot 19, Farmington-Plymouth Industrial Complex, being part of the South 1/2 of Section 27, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan as recorded in Liber 94, Pages 46, 47, 48 and 49 of Plats, Wayne County Records; thence S 00°05'04" W, 45.00 feet; thence S 89°54'56" E, 110.00 feet; thence S 19°58'39" E, 216.95 feet to the Point of Beginning of said easement; thence S 89°58'53" E, 6.41 feet to the Point of Ending, said easement extends to and ceases at all property lines and or right-of-way lines which intersect said easement centerline.

The Council does hereby, for and in behalf of the City of Livonia, accept the aforesaid Grant of Easement and the City Clerk is hereby requested to have the same recorded in the Office of the Register of Deeds and to do all other things necessary or incidental to fulfill the purpose of this resolution.

NEW BUSINESS ITEM (Regular Meeting of August 5, 2020)

Motion by:	Jolly
Seconded by:	Bahr
ROLL CALL:	
Ayes:	Donovic, Jolly, Bahr, White, McCullough, McIntyre
Nays:	None
Absent:	None

August 5, 2020

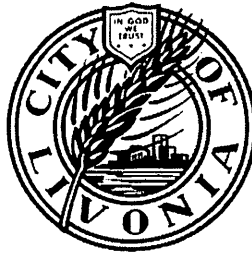
DEPARTMENT OF LAW

PAUL A. BERNIER
City Attorney

MICHAEL E. FISHER
Chief Assistant City Attorney

ERIC S. GOLDSTEIN
Assistant City Attorney

LEO D. NEVILLE
Assistant City Attorney



MAUREEN MILLER BROSNAN
MAYOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2520
FAX: (734) 466-2072

July 1, 2020

TO: HONORABLE MEMBERS OF THE CITY COUNCIL

FROM: DEPARTMENT OF LAW

SUBJECT: Acceptance of Grant of Easement
Public Utility Easement for Sanitary Sewer

REF: 31800 Enterprise Drive
South ½ of Section 27 (Parcel ID #46-108-99-0006-007)

Dear Council Members:

We are transmitting for Council acceptance of a Grant of Easement, secured without monetary consideration, from Livonia Estates Ltd., a Canadian limited company, for public utility easement in the South 1/2 of Section 27, in connection with the sanitary sewer constructed at 31800 Enterprise Drive.

This document, recently received from the Engineering Division, has been approved as to form by the Department of Law and the legal description approved by the Engineering Division. A map prepared by the Engineering Division is attached indicating the location of the proposed subject conveyance.

Should the Council determine to accept the aforesaid Grant of Easement, the following proposed resolution is submitted for the Council's consideration:

RESOLVED, that having considered a communication from the Department of Law, dated July 1, 2020, approved for submission by the Mayor, transmitting for Council acceptance of a Grant of Easement executed by Sarena Koschitzky, Vice President of Livonia Estates Ltd., a Canadian limited company, for a public utility easement in connection with the construction of a sanitary sewer at the subject location in the South 1/2 of Section 27, more particularly described as:

To: Honorable Members of the Council
Re: 31800 Enterprise Drive
Public Utility Easement for Water Main
South 1/2 of Section 27

July 1, 2020
Page 2

Twelve Foot Wide Sanitary Sewer Easement

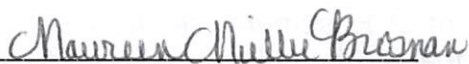
A twelve (12) foot wide easement for public sanitary sewer described along its centerline as: Commencing at the northwest corner of Lot 19, Farmington-Plymouth Industrial Complex, being part of the South ½ of Section 27, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan as recorded in Liber 94, Pages 46, 47, 48 and 49 of Plats, Wayne County Records; thence S 00°05'04" W, 45.00 feet; thence S 89°54'56" E, 110.00 feet; thence S 19°58'39" E, 216.95 feet to the Point of Beginning of said easement; thence S 89°58'53" E, 6.41 feet to the Point of Ending, said easement extends to and ceases at all property lines and or right-of-way lines which intersect said easement centerline.

See Attached Water Main Easement Sketch

The Council does hereby, for and in behalf of the City of Livonia, accept the aforesaid Grant of Easement and the City Clerk is hereby requested to have the same recorded in the Office of the Register of Deeds and to do all other things necessary or incidental to fulfill the purpose of this resolution.

Approved for submission:

Very truly yours,


Maureen Miller Brosnan, Mayor


Paul A. Bernier, City Attorney

Attachment

cc: Mayor, Clerk, Council, Assessor, DPW, Engineering, Finance, Planning

P:\Council\2020\Easements\31800 Enterprise Drive.docx

GRANT OF EASEMENT
Tax I.D. No. 46-108-99-0006-007
31800 Enterprise Drive
Livonia, Michigan 48150

GRANT OF EASEMENT

THIS INDENTURE, made this _____ day of _____, 20____, between Livonia Estates Limited, a Canadian limited company, c/o Hove Street Properties Limited (Grantor), whose street number and address is 1 Yorkdale Road, Suite 602, Toronto, ON M6A 3A1 and the CITY OF LIVONIA, a Michigan municipal corporation (Grantee), whose street number and post office address is 33000 Civic Center Drive, Livonia, Michigan, 48154.

WITNESSETH:

That the Grantor, for and in consideration of the sum of One Dollar (\$1.00) paid by the Grantee, the receipt of which is hereby confessed and acknowledged, does by these presents grant unto Grantee, its successors and assigns an easement for the purpose of installing and maintaining a sanitary sewer, in, unto and upon that certain piece of land situated in the City of Livonia, County of Wayne and State of Michigan, described as follows:

PARCEL ID: 46-108-99-0006-007

PROPERTY ADDRESS: 31800 Enterprise Drive

EASEMENT DESCRIPTION:

Twelve Foot Wide Sanitary Sewer Easement

A twelve (12) foot wide easement for public sanitary sewer described along its centerline as: Commencing at the northwest corner of Lot 19, Farmington-Plymouth Industrial Complex, being part of the South ½ of Section 27, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan as recorded in Liber 94, Pages 46, 47, 48 and 49 of Plats, Wayne County Records; thence S 00°05'04" W, 45.00 feet; thence S 89°54'56" E, 110.00 feet; thence S 19°58'39" E, 216.95 feet to the Point of Beginning of said easement; thence S 89°58'53" E, 6.41 feet to the Point of Ending, said easement extends to and ceases at all property lines and or right-of-way lines which intersect said easement centerline.

See Attached Sanitary Sewer Easement Sketch

Including the right of access for the Grantee to go over and upon that part of said piece of land of the Grantor, for the purpose of installing, repairing and maintaining said sanitary sewer of the Grantee providing that the granting of the above easement does not vest in the Grantee authority to use any portion of said property for any purpose other than herein designated; provided also, that this easement shall continue only for such period of time as the Grantee, its successors and assigns, shall maintain said public utility. Any restoration of property by the Grantee necessitated by sanitary sewer installation, repair and maintenance shall be limited to backfilling the excavation and establishment of grass. It shall exclude all other improvements such as paved surfaces, corresponding sub-base materials, plants, trees, flower beds, electrical lines and lights, boulders and any other miscellaneous items located within the sanitary sewer easement.

IT IS UNDERSTOOD AND AGREED, as a part of the consideration for the granting of the above easement, that the Grantee will use every effort possible to leave the premises in as good condition as at present.

IT WITNESS WHEREOF, the said Grantors have executed this Easement and Dedication the day and year above written.

GRANTOR:

Livonia Estates Ltd.
a Canadian limited company

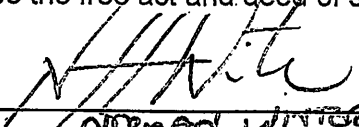
By: 
Sarena Koschitzky
Its: Vice President

Province of Ontario

GRANT OF EASEMENT

STATE OF MICHIGAN)
COUNTY OF YORK) SS

On this 24th day of June, 2020, before me personally appeared Sarena Koschitzky to me personally known, who being by me sworn, did for herself say that she is the Vice President of Livonia Estates Ltd. which executed the within instrument, and the said instrument was signed and sealed in behalf of said limited company by authority of its board of directors and acknowledged said instrument to be the free act and deed of said limited company.


Notary Public, YORK County, Ontario
My Commission expires: Upon Retirement

Prepared by: Todd J. Zilincik, P.E.
City Engineer
Engineering Division
33000 Civic Center Drive
Livonia, Michigan 48154

Approved as to form:
DEPARTMENT OF LAW

Dated: _____

When recorded, return to: OFFICE OF THE CITY CLERK, 33000 Civic Center Drive,
Livonia, Michigan 48154

Exhibit B

PUBLIC SANITARY SEWER EASEMENT

LEGAL DESCRIPTION - PROPERTY

PART OF LOTS 18, 19, 20 AND 21, FARMINGTON-PLYMOUTH INDUSTRIAL COMPLEX, BEING A PART OF THE SOUTH 1/2 OF THE SECTION 27, TOWN 1 SOUTH, RANGE 9 EAST, CITY OF LIVONIA, WAYNE COUNTY, MICHIGAN AS RECORDED IN LIBER 94, PAGES 46, 47, 48 AND 49 OF PLATS, WAYNE COUNTY RECORDS, BEING MORE PARTICULARLY DESCRIBED AS: BEGINNING AT THE NORTHWEST CORNER OF SAID LOT 19; THENCE N.00°05'04"E. 5.00 FEET; THENCE S.89°54'56"E. 324.83 FEET; THENCE S.00°05'04"W. 465.00 FEET; THENCE N.89°54'56"W. 354.40 FEET; THENCE 52.47 FEET ALONG THE ARC OF A CURVE TO THE LEFT, HAVING A RADIUS OF 450.00 FEET, A DELTA OF 06°40'51", A CHORD BEARING N.17°37'58"E. 52.44 FEET; THENCE S.89°54'56"E. 258.39 FEET; THENCE 39.27 FEET ALONG THE ARC OF A CURVE TO THE LEFT, HAVING A RADIUS OF 25.00 FEET, A DELTA OF 90°00'00", A CHORD BEARING N.45°05'04"E. 35.36 FEET; THENCE N.00°05'04"E. 130.21 FEET; THENCE N.89°54'56"W. 84.80 FEET; THENCE N.00°05'04"E. 209.79 FEET; THENCE N.89°54'56"W. 184.83 FEET; THENCE N.00°05'04"E. 45.00 FEET TO THE POINT OF BEGINNING.

CONTAINING: 71,612.38 SQUARE FEET OR 1.644 ACRES OF LAND

LEGAL DESCRIPTION - PUBLIC SANITARY SEWER EASEMENT

A TWELVE FOOT WIDE EASEMENT FOR PUBLIC SANITARY SEWER DESCRIBED ALONG ITS CENTERLINE AS: COMMENCING AT THE NORTHWEST CORNER OF LOT 19, FARMINGTON-PLYMOUTH INDUSTRIAL COMPLEX, BEING A PART OF THE SOUTH 1/2 OF THE SECTION 27, TOWN 1 SOUTH, RANGE 9 EAST, CITY OF LIVONIA, WAYNE COUNTY, MICHIGAN AS RECORDED IN LIBER 94, PAGES 46, 47, 48 AND 49 OF PLATS, WAYNE COUNTY RECORDS; THENCE S.00°05'04"W. 45.00 FEET; THENCE S.89°54'56"E. 110.00 FEET; THENCE S.19°58'39"E. 216.95 FEET TO THE POINT OF BEGINNING OF SAID EASEMENT; THENCE S.89°58'53"E. 6.41 FEET TO THE POINT OF ENDING, SAID EASEMENT EXTENDS TO AND CEASES AT ALL PROPERTY LINES AND OR RIGHT-OF-WAY LINES WHICH INTERSECT SAID EASEMENT CENTERLINE.

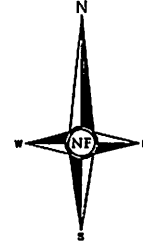


NOWAK & FRAUS ENGINEERS
46777 WOODWARD AVE.
PONTIAC, MI 48342-5032
TEL (248) 332-7931
FAX. (248) 332-8257

DATE	REVISED	DRAWN	JOB NO.	SHEET
12-12-2017	6-14-2019	M.C.	J283	1 of 2

Exhibit B

PUBLIC SANITARY SEWER EASEMENT



11952 HUBBARD ST.

TAX ID NO.
46-107-03-0018-001

N. 145' LOT 18

S.89°54'56"E. 324.83'

FARMINGTON-PLYMOUTH
INDUSTRIAL COMPLEX
(L.94, P.46)

P.O.B. PROPERTY
NW. CORNER LOT 19
N.00°05'04"E. 5.00'

N.00°05'04"E. 45.00'
S.00°05'04"W. 45.00'

Hubbard Street (60' R.O.W.)

S. 5' LOT 18

S.89°54'56"E.
110.00'

N.89°54'56"W. 184.83'

PART OF LOT 19

PART OF LOT 19

S.19°58'39"E. 216.95'

PART OF LOT 20

PART OF LOT 20

12' PUBLIC SANITARY
SEWER EASEMENT

S.89°58'53"E. 6.41'

POINT OF ENDING

P.O.B. EASEMENT

N.89°54'56"W.
84.80'

209.79'

N.00°05'04"E.

130.21'

N.00°05'04"E.

PART OF LOT 21

S.89°54'56"E. 258.39'

PART OF LOT 21

N.89°54'56"W. 354.40'

S. 80' LOT 21

11866 HUBBARD ST.

TAX ID NO. 46-107-03-0021-002

L = 52.47'
R = 450.00'
Δ = 06°40'51"
T = 26.26'
CHD. BRG. =
N.17°37'58"E.
C = 52.44'

L = 39.27'
R = 25.00'
Δ = 90°00'00"
T = 25.00'
CHD. BRG. =
N.45°05'04"E.
C = 35.36'

LOT 22

NO PARCEL INFO. AVAILABLE
(PER WAYNE COUNTY GIS WEBSITE)

S.00°05'04"W. 465.00'

ALLIED COMMERCE CENTER

NOWAK & FRAUS ENGINEERS
46777 WOODWARD AVE.
PONTIAC, MI 48342-5032
TEL (248) 332-7931
FAX (248) 332-8257

SCALE
1" = 60'

DATE
12-12-2017

REVISED
6-14-2019

DRAWN
M.C.

JOB NO.
J283

SHEET
2 of 2

**CITY OF LIVONIA ĩ CITY COUNCIL
MINUTES OF STUDY MEETING HELD NOVEMBER 4, 2020**

Meeting was called to order via Zoom remote technology at 8:41 p.m. by President Kathleen McIntyre. Present: Brandon McCullough, Jim Jolly, Laura Toy, Scott Bahr, Cathy White, and Kathleen McIntyre. Absent: Rob Donovic.

Councilmember McCullough led the meeting in the Pledge of Allegiance.

Elected and appointed officials present: Mark Taormina, Director of Planning and Economic Development; Todd Zilincik, City Engineer; Paul Bernier, City Attorney; Mike Slater, Director of Finance; Denise Maier, Director of Human Resources; Casey O'Neil, Director of Information Systems; and Jacob Rushlow, Director of Public Works

- 10) REQUEST TO RESCIND COUNCIL RESOLUTION 231-20 WHICH ACCEPTED A PUBLIC UTILITY EASEMENT FOR SANITARY SEWER EASEMENT AT 11870 HUBBARD ROAD IN THE SOUTH 1/2 OF SECTION 27 AND HAVE THE UTILITY SERVICE REMAIN PRIVATE: Engineering Division, re: request from the owner, Livonia Estates Ltd. for the sanitary sewer to remain private.

Todd Zilincik, City Engineer, presented this request to Council. He stated this item has the same explanation as before on the previous item, just again housekeeping to make sure that we get it clear that we're not accepting the public easement for us to take future maintenance. They're going to make it private; they're going to have their own liability to maintain that certain segment.

Councilmember White offered an approving resolution for the Consent Agenda.

DIRECTION:	APPROVING	CONSENT
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REPORT TO THE LIVONIA CITY COUNCIL

Engineering
October 12, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Karen Worley, Secretary IV, Engineering

AGENDA ITEM

REQUEST TO RESCIND COUNCIL RESOLUTION 231-20 WHICH ACCEPTED A PUBLIC UTILITY EASEMENT FOR SANITARY SEWER EASEMENT AT 11870 HUBBARD ROAD IN THE SOUTH 1/2 OF SECTION 27 AND HAVE THE UTILITY SERVICE REMAIN PRIVATE: Engineering Division, re: request from the owner, Livonia Estates Ltd. for the sanitary sewer to remain private.

BACKGROUND

Pursuant to a request from Livonia Estates Ltd., for a public utility easement in the South 1/2 of Section 27, in connection with the sanitary sewer constructed at 11870 Hubbard Road, the City Council approved the easement with Council Resolution No. 231-20 on August 5, 2020.

Livonia Estates Ltd. has decided not to pursue a public utility easement for the sanitary sewer and has instead requested that the utility service remain private. The Engineering Division has no issues with this request as the changes in the construction of the sanitary sewer no longer necessitate a public utility easement.

RECOMMENDATION

In order to remove the previously approved public utility easement, we respectfully recommend that the City Council rescind Council Resolution No. 231-20.

FISCAL CONSIDERATION

ATTACHMENTS

1. S110420 Request to rescind 231-20 Minutes
2. C.R. # 231-20
3. R080520 Grant of Easement for sanitary sewer (11870 Hubbard) (EASEMENTS)

APPROVED BY



Date: October 13, 2020

Todd Zilincik, City Engineer



Date: October 15, 2020

Donald Rohraff, Director of Public Works



Date: October 15, 2020

Paul Bernier, City Attorney



Date: October 22, 2020

Maureen Miller Brosnan, Mayor

On a motion by McCullough, supported by Bahr, and unanimously adopted, it was:

#231-20 RESOLVED, that having considered a communication from the Department of Law, dated July 1, 2020, approved for submission by the Mayor, transmitting for Council acceptance of a Grant of Easement executed by Sarena Koschitzky, Vice President of Livonia Estates Ltd., a Canadian limited company, for a public utility easement in connection with the construction of a sanitary sewer at the subject location in the South 1/2 of Section 27, more particularly described as:

Twelve-Foot Wide Sanitary Sewer Easement

A twelve (12) foot wide easement for public sanitary sewer described along its centerline as: Beginning at a point distant S 00°05'04" W, 249.00 feet from the northwest corner of Lot 19, Farmington-Plymouth Industrial Complex, being a part of the South ½ of Section 27, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan as recorded in Liber 94, Pages 46, 47, 48 and 49 of Plats, Wayne County Records; thence S 89°58'53" E, 184.83 feet to the Point of Ending, said easement extends to and ceases at all property lines and or right-of-way lines which intersect said easement centerline.

The Council does hereby, for and in behalf of the City of Livonia, accept the aforesaid Grant of Easement and the City Clerk is hereby requested to have the same recorded in the Office of the Register of Deeds and to do all other things necessary or incidental to fulfill the purpose of this resolution.

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

TODD J. ZILINCIK, P.E.
City Engineer

DAVID W. LEAR, P.E.
Assistant City Engineer



MAUREEN MILLER BROSNAN
MAYOR

DONALD R. ROHRAFF
Director of Public Works

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2571
FAX: (734) 466-2195

October 12, 2020

Honorable Members of the City Council
City of Livonia

Re: Request to Rescind Council Resolution No. 231-20
Easement for Sanitary Sewer
11870 Hubbard Road
South ½ of Section 27
Parcel ID #46-107-03-0018-004

Dear Council Members:

Pursuant to a request from Livonia Estates Ltd., for a public utility easement in the South ½ of Section 27, in connection with the sanitary sewer constructed at 11870 Hubbard Road, the City Council approved the easement with Council Resolution No. 231-20 on August 5, 2020.

Livonia Estates Ltd. has decided not to pursue a public utility easement for the sanitary sewer and has instead requested that the utility service remain private. The Engineering Division has no issues with this request as the changes in the construction of the sanitary sewer no longer necessitate a public utility easement.

In order to remove the previously approved public utility easement, we respectfully recommend that the City Council rescind Council Resolution No. 231-20.

Sincerely,

A handwritten signature in blue ink, appearing to read "Todd J. Zilincik", is written over a horizontal line.

Todd J. Zilincik, P.E.
City Engineer

APPROVED:

A handwritten signature in blue ink, appearing to read "Donald R. Rohraff", is written over a horizontal line.

Donald R. Rohraff
Director of Public Works

To: Honorable Member of the City Council
Re: Request to Rescind Council Resolution No. 231-20
Easement for Sanitary Sewer
11870 Hubbard Road

October 12, 2020
Page 2 of 2

APPROVED AS TO FORM:



Paul A. Bernier
City Attorney

TJZ:kjw

Attachment: Council Resolution No. 231-20

cc: Mayor, Council, Clerk, Law, Finance, DPW, File

APPROVED FOR SUBMISSION:



Maureen Miller Brosnan, Mayor
CITY OF LIVONIA

On a motion by McCullough, supported by Bahr, and unanimously adopted, it was:

#231-20 RESOLVED, that having considered a communication from the Department of Law, dated July 1, 2020, approved for submission by the Mayor, transmitting for Council acceptance of a Grant of Easement executed by Sarena Koschitzky, Vice President of Livonia Estates Ltd., a Canadian limited company, for a public utility easement in connection with the construction of a sanitary sewer at the subject location in the South 1/2 of Section 27, more particularly described as:

Twelve-Foot Wide Sanitary Sewer Easement

A twelve (12) foot wide easement for public sanitary sewer described along its centerline as: Beginning at a point distant S 00°05'04" W, 249.00 feet from the northwest corner of Lot 19, Farmington-Plymouth Industrial Complex, being a part of the South ½ of Section 27, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan as recorded in Liber 94, Pages 46, 47, 48 and 49 of Plats, Wayne County Records; thence S 89°58'53" E, 184.83 feet to the Point of Ending, said easement extends to and ceases at all property lines and or right-of-way lines which intersect said easement centerline.

The Council does hereby, for and in behalf of the City of Livonia, accept the aforesaid Grant of Easement and the City Clerk is hereby requested to have the same recorded in the Office of the Register of Deeds and to do all other things necessary or incidental to fulfill the purpose of this resolution.

Minutes of the August 5, 2020 Regular Meeting

August 5, 2020

On a motion by McCullough, supported by Bahr, and unanimously adopted, it was:

EASEMENTS

(Law Dept)
Acceptance of a Grant of Easement executed by Sarena Koschitzky, Vice President of Livonia Estates Ltd., a Canadian limited company, in connection with the construction of a sanitary sewer constructed at 11870 Hubbard Road.

#231-20 RESOLVED, that having considered a communication from the Department of Law, dated July 1, 2020, approved for submission by the Mayor, transmitting for Council acceptance of a Grant of Easement executed by Sarena Koschitzky, Vice President of Livonia Estates Ltd., a Canadian limited company, for a public utility easement in connection with the construction of a sanitary sewer at the subject location in the South 1/2 of Section 27, more particularly described as:

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The Council does hereby, for and in behalf of the City of Livonia, accept the aforesaid Grant of Easement and the City Clerk is hereby requested to have the same recorded in the Office of the Register of Deeds and to do all other things necessary or incidental to fulfill the purpose of this resolution.

NEW BUSINESS ITEM (Regular Meeting of August 5, 2020)

Motion by:	McCullough
Seconded by:	Bahr
ROLL CALL:	
Ayes:	Donovic, Jolly, Bahr, White, McCullough, McIntyre
Nays:	None
Absent:	None

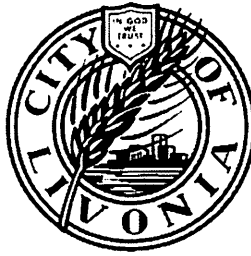
DEPARTMENT OF LAW

PAUL A. BERNIER
City Attorney

MICHAEL E. FISHER
Chief Assistant City Attorney

ERIC S. GOLDSTEIN
Assistant City Attorney

LEO D. NEVILLE
Assistant City Attorney



MAUREEN MILLER BROSNAN
MAYOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2520
FAX: (734) 466-2072

July 1, 2020

TO: HONORABLE MEMBERS OF THE CITY COUNCIL

FROM: DEPARTMENT OF LAW

SUBJECT: Acceptance of Grant of Easement
Public Utility Easement for Sanitary Sewer

REF: 11870 Hubbard Road
South ½ of Section 27 (Parcel ID #46-107-03-0018-004)

Dear Council Members:

We are transmitting for Council acceptance of a Grant of Easement, secured without monetary consideration, from Livonia Estates Ltd., a Canadian limited company, for public utility easement in the South 1/2 of Section 27, in connection with the sanitary sewer constructed at 11870 Hubbard Road.

This document, recently received from the Engineering Division, has been approved as to form by the Department of Law and the legal description approved by the Engineering Division. A map prepared by the Engineering Division is attached indicating the location of the proposed subject conveyance.

Should the Council determine to accept the aforesaid Grant of Easement, the following proposed resolution is submitted for the Council's consideration:

RESOLVED, that having considered a communication from the Department of Law, dated July 1, 2020, approved for submission by the Mayor, transmitting for Council acceptance of a Grant of Easement executed by Sarena Koschitzky, Vice President of Livonia Estates Ltd., a Canadian limited company, for a public utility easement in connection with the construction of a sanitary sewer at the subject location in the South 1/2 of Section 27, more particularly described as:

To: Honorable Members of the Council
Re: 11870 Hubbard Road
Public Utility Easement for Water Main
South 1/2 of Section 27

July 1, 2020
Page 2

Twelve-Foot Wide Sanitary Sewer Easement

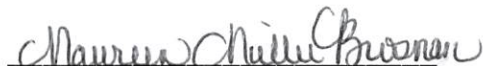
A twelve (12) foot wide easement for public sanitary sewer described along its centerline as: Beginning at a point distant S 00°05'04" W, 249.00 feet from the northwest corner of Lot 19, Farmington-Plymouth Industrial Complex, being a part of the South ½ of Section 27, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan as recorded in Liber 94, Pages 46, 47, 48 and 49 of Plats, Wayne County Records; thence S 89°58'53" E, 184.83 feet to the Point of Ending, said easement extends to and ceases at all property lines and or right-of-way lines which intersect said easement centerline.

See Attached Water Main Easement Sketch

The Council does hereby, for and in behalf of the City of Livonia, accept the aforesaid Grant of Easement and the City Clerk is hereby requested to have the same recorded in the Office of the Register of Deeds and to do all other things necessary or incidental to fulfill the purpose of this resolution.

Approved for submission:

Very truly yours,


Maureen Miller Brosnan, Mayor


Paul A. Bernier, City Attorney

Attachment

cc: Mayor, Clerk, Council, Assessor, DPW, Engineering, Finance, Planning

P:\Council\2020\Easements\11870 Hubbard Road.docx

GRANT OF EASEMENT
Tax I.D. No. 46-107-03-0018-004
11870 Hubbard Road
Livonia, Michigan 48150

GRANT OF EASEMENT

THIS INDENTURE, made this _____ day of _____, 20____, between Livonia Estates Limited, a Canadian limited company, c/o Hove Street Properties Limited (Grantor), whose street number and address is 1 Yorkdale Road, Suite 602, Toronto, ON M6A 3A1 and the CITY OF LIVONIA, a Michigan municipal corporation (Grantee), whose street number and post office address is 33000 Civic Center Drive, Livonia, Michigan, 48154.

WITNESSETH:

That the Grantor, for and in consideration of the sum of One Dollar (\$1.00) paid by the Grantee, the receipt of which is hereby confessed and acknowledged, does by these presents grant unto Grantee, its successors and assigns an easement for the purpose of installing and maintaining a sanitary sewer, in, unto and upon that certain piece of land situated in the City of Livonia, County of Wayne and State of Michigan, described as follows:

PARCEL ID: 46-107-03-0018-004

PROPERTY ADDRESS: 11870 Hubbard Road

EASEMENT DESCRIPTION:

Twelve-Foot Wide Sanitary Sewer Easement

A twelve (12) foot wide easement for public sanitary sewer described along its centerline as: Beginning at a point distant S 00°05'04" W, 249.00 feet from the northwest corner of Lot 19, Farmington-Plymouth Industrial Complex, being a part of the South ½ of Section 27, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan as recorded in Liber 94, Pages 46, 47, 48 and 49 of Plats, Wayne County Records; thence S 89°58'53" E, 184.83 feet to the Point of Ending, said easement extends to and ceases at all property lines and or right-of-way lines which intersect said easement centerline.

See Attached Sanitary Sewer Easement Sketch

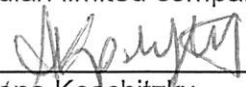
Including the right of access for the Grantee to go over and upon that part of said piece of land of the Grantor, for the purpose of installing, repairing and maintaining said sanitary sewer of the Grantee providing that the granting of the above easement does not vest in the Grantee authority to use any portion of said property for any purpose other than herein designated; provided also, that this easement shall continue only for such period of time as the Grantee, its successors and assigns, shall maintain said public utility. Any restoration of property by the Grantee necessitated by sanitary sewer installation, repair and maintenance shall be limited to backfilling the excavation and establishment of grass. It shall exclude all other improvements such as paved surfaces, corresponding sub-base materials, plants, trees, flower beds, electrical lines and lights, boulders and any other miscellaneous items located within the sanitary sewer easement.

IT IS UNDERSTOOD AND AGREED, as a part of the consideration for the granting of the above easement, that the Grantee will use every effort possible to leave the premises in as good condition as at present.

IT WITNESS WHEREOF, the said Grantors have executed this Easement and Dedication the day and year above written.

GRANTOR:

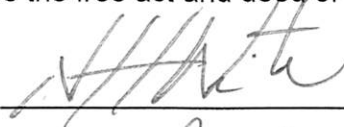
Livonia Estates Ltd.
a Canadian limited company

By: 
Sarena Koschitzky
Its: Vice President

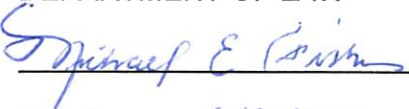
GRANT OF EASEMENT

Province of Ontario
~~STATE OF MICHIGAN~~)
COUNTY OF YORK) SS

On this 24th day of June, _____, before me personally appeared Sarena Koschitzky to me personally known, who being by me sworn, did for herself say that she is the Vice President of Livonia Estates Ltd. which executed the within instrument, and the said instrument was signed and sealed in behalf of said limited company by authority of its board of directors and acknowledged said instrument to be the free act and deed of said limited company.


Notary Public, Province of Ontario, County of York
My Commission expires: Upon Retirement

Prepared by: Todd J. Zilincik, P.E.
City Engineer
Engineering Division
33000 Civic Center Drive
Livonia, Michigan 48154

Approved as to form:
DEPARTMENT OF LAW

Dated: 6/30/2020

When recorded, return to: OFFICE OF THE CITY CLERK, 33000 Civic Center Drive,
Livonia, Michigan 48154

Exhibit B
PUBLIC SANITARY SEWER EASEMENT

LEGAL DESCRIPTION - PROPERTY

PART OF LOTS 19, 20 AND 21, FARMINGTON-PLYMOUTH INDUSTRIAL COMPLEX, BEING A PART OF THE SOUTH 1/2 OF THE SECTION 27, TOWN 1 SOUTH, RANGE 9 EAST, CITY OF LIVONIA, WAYNE COUNTY, MICHIGAN AS RECORDED IN LIBER 94, PAGES 46, 47, 48 AND 49 OF PLATS, WAYNE COUNTY RECORDS, BEING MORE PARTICULARLY DESCRIBED AS: BEGINNING AT A POINT DISTANT S.00°05'04"W. 45.00 FEET FROM THE NORTHWEST CORNER OF SAID LOT 19; THENCE S.89°54'56"E. 184.83 FEET; THENCE S.00°05'04"W. 209.79 FEET; THENCE S.89°54'56"E. 84.80 FEET; THENCE S.00°05'04"W. 130.21 FEET; THENCE 39.27 FEET ALONG THE ARC OF A CURVE TO THE RIGHT, HAVING A RADIUS OF 25.00 FEET, A DELTA OF 90°00'00", A CHORD BEARING S.45°05'04"W. 35.36 FEET; THENCE N.89°54'56"W. 258.39 FEET; THENCE 112.07 FEET ALONG THE ARC OF A CURVE TO THE LEFT, HAVING A RADIUS OF 450.00 FEET, A DELTA OF 14°16'09", A CHORD BEARING N.07°09'28"E. 111.78 FEET; THENCE N.00°05'04"E. 254.07 FEET TO THE POINT OF BEGINNING.

CONTAINING: 80,992.11 SQUARE FEET OR 1.859 ACRES OF LAND

LEGAL DESCRIPTION - PUBLIC SANITARY SEWER EASEMENT

A TWELVE FOOT WIDE EASEMENT FOR PUBLIC SANITARY SEWER DESCRIBED ALONG ITS CENTERLINE AS: BEGINNING AT A POINT DISTANT S.00°05'04"W. 249.00 FEET FROM THE NORTHWEST CORNER OF LOT 19, FARMINGTON-PLYMOUTH INDUSTRIAL COMPLEX, BEING A PART OF THE SOUTH 1/2 OF THE SECTION 27, TOWN 1 SOUTH, RANGE 9 EAST, CITY OF LIVONIA, WAYNE COUNTY, MICHIGAN AS RECORDED IN LIBER 94, PAGES 46, 47, 48 AND 49 OF PLATS, WAYNE COUNTY RECORDS; THENCE S.89°58'53"E. 184.83 FEET TO THE POINT OF ENDING, SAID EASEMENT EXTENDS TO AND CEASES AT ALL PROPERTY LINES AND OR RIGHT-OF-WAY LINES WHICH INTERSECT SAID EASEMENT CENTERLINE.



NOWAK & FRAUS ENGINEERS
46777 WOODWARD AVE.
PONTIAC, MI 48342-5032
TEL (248) 332-7931
FAX (248) 332-8257

DATE	REVISED	DRAWN	JOB NO.	SHEET
12-12-2017	6-14-2019	M.C.	J283	1 of 2

Exhibit B

PUBLIC SANITARY SEWER EASEMENT

11952 HUBBARD ST.

TAX ID NO.
46-107-03-0018-001

N. 145' LOT 18

FARMINGTON-PLYMOUTH
INDUSTRIAL COMPLEX
(L.94, P.46)



NW. CORNER LOT 19

S. 5' LOT 18

S.89°54'56"E. 184.83'

PART OF LOT 19

PART OF LOT 19

S.00°05'04"W. 45.00'

P.O.B. PROPERTY

N.00°05'04"E. 254.07'

S.00°05'04"W. 249.00'

PART OF LOT 20

POINT OF ENDING

12' PUBLIC SANITARY
SEWER EASEMENT

209.79'

PART OF LOT 20

S.89°54'56"E.
84.80'

S.89°58'53"E. 184.83'

P.O.B. EASEMENT

130.21'

L = 112.07'
R = 450.00'
Δ = 14°16'09"
T = 56.33'
CHD. BRG. =
N.07°09'28"E.
C = 111.78'

PART OF LOT 21

L = 39.27'
R = 25.00'
Δ = 90°00'00"
T = 25.00'
CHD. BRG. =
S.45°05'04"W.
C = 35.36'

N.89°54'56"W. 258.39'

PART OF LOT 21

S. 80' LOT 21

11866 HUBBARD ST.

TAX ID NO. 46-107-03-0021-002

LOT 22

Hubbard Street (60' R.O.W.)

NO PARCEL INFO. AVAILABLE
(PER WAYNE COUNTY GIS WEBSITE)

ALLIED COMMERCE CENTER

NOWAK & FRAUS ENGINEERS
46777 WOODWARD AVE.
PONTIAC, MI 48342-5032
TEL (248) 332-7931
FAX (248) 332-8257

SCALE
1" = 60'

DATE
12-12-2017

REVISED
6-14-2019

DRAWN
M.C.

JOB NO.
J283

SHEET
2 of 2



REPORT TO THE LIVONIA CITY COUNCIL

DPW

November 13, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Jill Russell, Secretary III, DPW

AGENDA ITEM

New Data Item 11 - Edgewood Emergency Repairs - Additional Information

BACKGROUND

In order to proceed with the design, permitting and construction of the emergency sewer replacement project on Edgewood, we are requesting approval of an additional appropriation and expenditure in the amount of \$1,963,000.

Letter updating the status of the Edgewood Sewer Replacement emergency repair project is attached, as well as HRC's status report.

RECOMMENDATION

It is the recommendation of the DPW that Council approve the additional appropriation and expenditure in the amount of \$1,963,000.00 from the Unexpended fund balance - Water & Sewer fund.

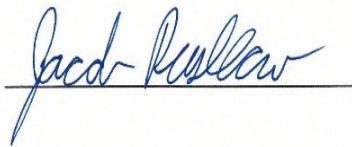
FISCAL CONSIDERATION

Unexpended fund balance - Water & Sewer Fund: \$1,963,000.00

ATTACHMENTS

1. Edgewood HRC Status Report
2. Edgewood Emergency Repair (v2)

APPROVED BY



Date: November 13, 2020

Jacob Rushlow, Superintendent of Public Service



Date: November 13, 2020

Donald Rohraff, Director of Public Works



Date: November 13, 2020

Michael T. Slater, Finance Director



Date: November 13, 2020

Maureen Miller Brosnan, Mayor

DEPARTMENT OF PUBLIC WORKS
PUBLIC SERVICE DIVISION

MAUREEN MILLER BROSNAN
MAYOR

DONALD R. ROHRAFF
DIRECTOR OF PUBLIC WORKS

DOUGLAS L. MOORE, MSA
ASSISTANT DIRECTOR OF PUBLIC WORKS

JACOB A. RUSHLOW, PE
SUPERINTENDENT OF PUBLIC SERVICE



12973 FARMINGTON ROAD
LIVONIA, MICHIGAN 48150-4202
(734) 466-2655
FAX: (734) 466-2660

MAINTENANCE SERVICES

- Roads
- Parks
- Water
- Sewer
- Building
- Animal Control
- Forestry
- Equipment
- Storm Drains
- Traffic Signs
- Solid Waste / Recycling

November 12, 2020

RE: Additional Information Item #11 - Edgewood Street Emergency Sewer Replacement

This letter is intended to update you of the progress of an emergency sanitary sewer replacement and request additional funding for the ongoing Edgewood Street project.

This item was first brought before the City Council on August 17, 2020, and we have been proceeding under Council Resolution #246-20. Since that time, the following tasks have been completed to prepare the site and help us determine the best solution going forward.

- Tree removals in the road right-of-way in the vicinity of the sewer pipe alignment
- Consumer's gas main relocation and service connections to facilitate the sewer work
- Subsurface geotechnical investigation and report of soil and groundwater conditions
- Engineering alternatives analysis and report with recommendations for construction
- Presentation to the Capital Outlay and Infrastructure Committee meeting

Based on the investigation and analysis efforts of the DPW staff and our professional consultants, we are proceeding with design of a sanitary sewer pump station that will pump the sewage of nearly 500 homes north of the Idyl Hills Subdivision through 2,450 linear feet of 12-inch diameter force main sewer along the easterly property line of the Idyl Wyld golf course with a connection to the existing 30-inch sewer on 5 Mile Rd. The existing sewer along Edgewood will be replaced with 1,250 linear feet of 10-inch sanitary sewer at a much shallower depth than currently exists and new residential service connections will be provided to the property lines. Edgewood will require a full road reconstruction to install the new sewer.

The total estimated project cost, including all necessary engineering and construction, is \$2,171,000. Through Council Resolution #246-20, City Council had previously authorized the appropriation and expenditure of \$500,000 to proceed with necessary efforts to develop alternatives and determine the best solution for this emergency project. To date of that amount we have \$208,000 remaining, which would make the additional funding need total \$1,963,000.

In order to proceed with the design, permitting, and construction of the emergency sewer replacement, we are requesting approval of an additional appropriation and expenditure in the amount of \$1,963,000 from the unexpended fund balance of the Water and Sewer fund (592). It is also requested that the City Council authorize payments not to exceed \$2,463,000 to D'Angelo Brothers, Sod Solutions, NTH Consultants, and HRC Consultants for services performed in response to this emergency repair.

Encl: *HRC Edgewood Sewer Alternative Analysis Report*

November 11, 2020

City of Livonia
12973 Farmington Rd
Livonia, MI 48150

Attention: Mr. Donald Rohraff, Director

Re: Edgewood Relief Sewer
Alternatives Analysis Report

HRC Job No. 20200609

Dear Mr. Rohraff:

Thank you for the opportunity to provide engineering services for the subject project. It is our understanding that despite significant efforts to maintain and rehabilitate the existing sanitary sewer along Edgewood Drive in the Idyle Hills Estates Subdivision, the sewer has deteriorated beyond repair in multiple locations and that the City would like to review multiple options to replace and/or re-route sewers/flows through this area in order to improve the sewer system in this area. This alternatives analysis will include a brief background on the sewer system deterioration along Edgewood Drive, discussions on three (3) separate sewer system improvement alternatives as discussed with your office previously, preliminary opinions of costs for these alternatives, a life-cycle costs analysis of the alternatives and a brief discussion on the advantages and disadvantages of each alternative.

Background

The sanitary sewer on Edgewood Drive was constructed in 1963 and consists of approximately 1,260 feet of 18-inch reinforced concrete pipe (RCP) installed at a depth ranging from 22 feet to 25 feet in depth. This sewer along Edgewood Drive conveys not only sanitary flows from the adjacent homes along Edgewood Drive but from the Golfview Meadows and Burton Valley subdivisions to the north (see Exhibit No. 1 for a map of the tributary area the Edgewood sewer collects). This stretch of sewer along Edgewood Drive historically had issues with offset joints, sags and circumferential cracking in part due to the soil conditions present at the depths in which the sewer was installed. A portion of the Edgewood sewer (MH 7 to MH 6, refer to Exhibit No. 2 for the plan for this work) was replaced in 1996 with the remaining segments lined between 2010 and 2014. Refer to the attached drawing (Exhibit No. 3) which shows the original design plan and the manhole naming conventions that will be used throughout this report. In 2014, MH 12 was rebuilt because the structure exhibited significant settling and deterioration. Most recently, continued settling and deterioration has occurred at MH 10 (the entire structure), MH 11 (just the bottom of the structure) and the sewers from MH 10 to MH 11 and from MH 9 to MH 10 have significant sags.

It was determined that these continuing settlement and deterioration issues could no longer be solved by typical rehabilitation measures and that correction to the sewer system in this area required a more permanent reconstruction effort. As such, multiple different options for sewer system improvement were contemplated. Through discussions with City staff, the following three (3) sewer system improvement alternatives were agreed to be further analyzed;

- 1) Install a pump station upstream of the Idyle Hills Estates Subdivision and construct a force main through the Idyl Wyld golf course to 5 Mile Road and construct a new gravity sewer along Edgewood Dr.
- 2) Install a pump station upstream of the Idyle Hills Estates Subdivision, construct a force main through an existing easement between the homes on Edgewood and discharge to a new gravity sewer along Edgewood Dr.
- 3) Replace the existing sewer at its current vertical and horizontal alignment utilizing a pier support system and heavy-duty restrained joint pipe.

Refer to the attached Exhibit No. 4 for an overview of the three (3) options.

Delhi Township
2101 Aurelius Rd.
Suite 2A
Holt, MI 48842
517-694-7760

Detroit
535 Griswold St.
Buhl Building, Ste 1650
Detroit, MI 48226
313-965-3330

Grand Rapids
1925 Breton Road SE
Suite 100
Grand Rapids, MI 49506
616-454-4286

Howell
105 W. Grand River
Howell, MI 48843
517-552-9199

Jackson
401 S. Mechanic St.
Suite B
Jackson, MI 49201
517-292-1295

Kalamazoo
834 King Highway
Suite 107
Kalamazoo, MI 49001
269-665-2005

Lansing
215 S. Washington SQ
Suite D
Lansing, MI 48933
517-292-1488

Alternative Analysis

Alternative #1 – Idyl Wyld Force Main

Refer to Exhibit No. 5 for a general plan and profile of the proposed pump station and force main through the Idyl Wyld golf course. This alternative would include a new pump station and wet well, 2,450 linear feet of 8"-12" HDPE force main, three (3) stream crossings, air relief valves, a deep drop manhole and connection to the existing 30" sewer on 5 Mile Rd, a new 10" sanitary sewer along Edgewood Dr. and new service line connections to the property line. As a result of this alternative, the City of Livonia would remove more than 400 feet existing sanitary sewer upstream of MH 12 from the system including a 40 foot piece of 12" cast iron sewer that is located in the bottom of a stream bed. However, the City gains the permanent operation and maintenance of a sanitary pump station and over 2,450 feet of HDPE force main. To assist with operation and maintenance of the pump station, it is recommended that an above-grade packaged pump station be procured. The new sanitary sewer along Edgewood Dr. would be installed at a depth of 10' to 12' (which from preliminary discussion and observations from the City is deep enough to service the existing properties along Edgewood Dr. by gravity) and would drop into existing MH 6 or MH 6a. In addition, this new sewer at a higher elevation means that all service leads within the right-of-way would most likely need to be replaced.

With this alternative, preparatory work to install the new sewer along Edgewood Dr. could begin immediately to relieve the residents along Edgewood Dr. from being tied directly to the deteriorated sewer. The new gravity sewer along Edgewood Dr. could be permitted separately from the pump station and force main and therefore, expedite the construction start date. Anticipated construction duration for the sewer work along Edgewood Dr. is 4 weeks, however, depending on the time of year the sewer is installed, restoration and paving may be delayed. The anticipated lead time on a packaged, above-grade pump station is 16 to 20 weeks, not including time for design and procurement. Assuming 4 weeks for design, 3-4 weeks for procurement and an additional 2 weeks for project award, the total time from authorization to delivery is approximately 26 to 30 weeks utilizing the standard design-bid-build project delivery model. In this situation, the City should consider the use of a design-build project delivery method with a City-preferred manufacturer. This project delivery type would cut the time to delivery to approximately 20 weeks and would reduce engineering costs by removing full design and procurement tasks. The preparatory construction for the pump station and the force main installations are expected to take 4 to 6 weeks plus up to a month for restoration (weather permitting). The estimated total project cost for this alternative is \$2,171,000.

Alternative #2 – Edgewood Force Main

Refer to Exhibit No. 6 for a general plan and profile of the proposed pump station and force main through the existing sewer easement between the homes on Edgewood Dr. and gravity sewer along Edgewood Dr. downstream of the force main. This alternative would include a new pump station and wet well, 500 linear feet of 8"-12" HDPE force main, one (1) stream crossing, a shallow drop manhole, a new 15" sanitary sewer along Edgewood Dr. and new service line connections to the property line. All of the benefits from Alternative #1 would be realized for this alternative except that the new sewer along Edgewood Dr. would be a 15" instead of a 10" in order to handle the upstream flows and may not be able to be permitted separately. This alternative would still incur City staff hours and costs for the permanent operation and maintenance of the above-grade pump station, however, much less force main would be added to the system. In addition, all the deep excavations at 5 Mile Rd. would be eliminated. Lastly, a drop manhole would be necessary at the force main connection to the gravity sewer on Edgewood Dr. which could create potential odor issues within the Idyle Hills Estates Subdivision. The drop manhole would be specifically designed to minimize the effects that promote conditions for ventilation issues that lead to odor complaints, however, odor elimination cannot be guaranteed.

The anticipated time for the packaged booster station delivery would be the same as described in Alternative #1. The expected duration for the preparatory construction for the pump station plus the sewer and force main installations are expected to take 6 to 8 weeks plus up to a month for restoration and paving (weather permitting). The estimated total project cost for this alternative is \$1,661,000.

Alternative #3 – Replace Sewer in Kind

This alternative will replace the existing 1,260 linear feet of 18" sanitary sewer (from MH 12 to MH 6) with a new 18" sanitary sewer along the same vertical and horizontal alignment except that the sewer and manholes will be placed on piers or piles that will be designed to support the sewer by bearing on stiffer soils located below the elevation of the sewer. In addition, a robust piping material with restrained joints will be used to maximize the useful life of the sewer and reduce leaking caused by offset or broken joints. Replacing the pipe along the existing horizontal and vertical alignments will also eliminate the need to replace all the service leads as the existing lead can be tied directly to the new pipe and will not require the addition of any drop manholes that may cause odor issues. However, this alternative does not remove any existing sewer upstream of MH 12 and does not eliminate the 12" cast iron sewer that resides in the stream bed north of Edgewood Dr.

The anticipated schedule for the replacement of the existing sewer would be 10 to 12 weeks assuming that 20' to 40' of the system would be installed per day. The depth of the sewer, existing soil conditions and installation of the piers and/or piles for each length of pipe and manholes substantiates this production estimate. The expected duration for restoration would be similar to Alternative #1 and #2 at one (1) month, weather permitting. The estimated total project cost for this alternative is \$2,921,000.

The Engineer's Preliminary Opinion of Probable Cost for each alternative is located in Appendix A of this report.

Anticipated Schedules

Alternative #1 is proposed to be designed and constructed in Phases, with Phase 1 including the construction of the new gravity sewer along Edgewood and Phase 2 including the new pump station and force main within the Idyl Wyld golf course. Utilizing the phased approach, the new gravity sewer can be permitted separately and designed and constructed expeditiously. The anticipated turnaround from the Notice to Proceed to substantial completion (i.e. sewer installed and approved, no paving or restoration) of the project is 6 to 8 weeks. Design and permitting of Phase 2 will require 8 to 10 weeks from Notice to Proceed and collection of the necessary sewer metering data to design the pump station and as discussed the pump station may take up to 20 weeks to manufacture and deliver and another 4 weeks to install and startup. Construction of the force main and ancillary structures and the preparatory work for the pump station installation can be completed during manufacturing of the pump station, however, if design started on December 1, 2020 and permits were in hand by February 15, 2021, the anticipated completion and startup date would be approximately August 31, 2021.

Alternative #2 will be considered as one project by the regulatory agencies and therefore the design and permitting cannot be split into phases (however construction could be completed in phases). As such, utilizing the December 1, 2020 Notice to Proceed timeline as described above, gravity sewer construction along Edgewood would not begin until early Spring 2021 (with final completion including restoration by May 30, 2021), while the pump station completion and startup date would similarly be estimated at August 31, 2021.

Alternative #3 is the most straight forward approach to permitting, however, it will require the most complex design due to the proposed pier support system for the sewer and manholes. As such, design and permitting is anticipated to take 10 to 12 weeks. Utilizing the December 1, 2020 Notice to Proceed timeline again with anticipated permits in hand by February 28, 2021, the anticipated substantial completion date would be June 30, 2021 with paving and restoration completed by July 31, 2021.

Life Cycle Cost Analysis

Table 1 provides a summary of the life cycle cost analysis developed for the three (3) alternatives previously described.

Table 1
Life Cycle Cost Analysis Summary

	Alt #1 (Idyl Wyld FM)	Alt. #2 (Edgewood FM)	Alt. #3 (Replace Sewer)
Capital Costs	\$ 1,848,000	\$ 1,413,000	\$ 2,518,000
Annual OM&R Costs	\$ 23,000	\$ 23,000	\$ 1,500
20 Year Salvage Value	\$ 673,000	\$ 488,000	\$ 1,098,000
Net Present Worth	\$ 1,525,000	\$ 1,275,000	\$ 1,443,000
Annual Equivalent Net PW	\$ 100,000	\$ 84,000	\$ 95,000

Notes:

Net Present Worth is the sum of capital costs, OM&R costs, and interest during construction, less 20 year salvage value.

Present Worth Costs are based on Straight Line Depreciation and no inflation.

Cost is based on a study period of 20 years and a discount rate of 2.75%.

Estimated Construction Costs Only (Engineering Costs not included)

Further detail of the life cycle cost analysis performed is located in Appendix B of this report.

Geotechnical Investigation

A geotechnical report to explore and evaluate the general subsurface conditions along the potential routes for the alternatives described herein was completed by NTH Consultants, Ltd. under a separate Contract with the City. HRC performed a cursory review of this geotechnical exploration report and utilized its analysis and recommendations for developing the preliminary design and cost analyses for the alternatives. Based on the findings in the geotechnical report, construction of each of the proposed alternatives appears feasible with the dewatering and soil and trench support system recommendations as noted. The Geotechnical Exploration Report by NTH Consultants, Ltd. is located in Appendix C.

Recommendations

As part of the Alternatives Analysis, the following General Objectives were considered;

- Capital Costs
- Life Cycle Costs
- Future Operation & Maintenance Investments

In addition, due to the inconveniences and hardships that the residents along Edgewood Dr. have endured over the past 15 plus years of recurrent sewer maintenance, rehabilitation and repair activities along Edgewood Dr. specific Localized Objectives were also considered as a part of the Alternatives Analysis

- Project Schedule
- Impact During Construction
- Future Resident Impacts

Table 2 on the following page summarizes the general advantages and disadvantages of each alternative considering the objectives as listed above:

Table 2
Alternatives Analysis – Advantages vs. Disadvantages

	Advantages	Disadvantages
Alternative #1 – Idyl Wyld Force Main	• Moderate capital cost • Separates upstream flow from Edgewood sewer • Removes 12" C.I. sewer in stream bed • Removes existing deep gravity sewer from btw homes on Edgewood • Provides new shallow sewer on Edgewood • All new service leads to homes on Edgewood • Ability to be completed in Phases and expedite construction along Edgewood • Minimizes future local sewer O&M • Lowest future resident impact	• Highest anticipated life cycle cost • Permanent Pump Station O&M • ½ mile of force main to maintain • Air release valves on Idyl Wyld • Three (3) stream crossings • Deep drop MH added @ 5 Mile Rd; potential for odor issues • Work and restoration within Idyl Wyld golf course
Alternative #2 – Edgewood Force Main	• Lowest capital cost • Lowest life cycle cost • Removes 12" C.I. sewer in stream bed • Removes existing deep gravity sewer from btw homes on Edgewood • Provides new shallow sewer on Edgewood • All new service leads to homes on Edgewood	• Permanent Pump Station O&M • 500 feet of force main to maintain • One (1) stream crossings • Tributary flows from upstream remain routed through neighborhood • Potential for odor issues at drop MH where FM connects to Edgewood sewer • Delayed permitting impacts construction schedule
Alternative #3 – Replacement Sewer	• Moderate life cycle cost • Minimal maintenance for the finished system • No pump station to operate and maintain	• Highest capital cost • 12" C.I. sewer in stream bed remains • Existing deep gravity sewer from btw homes on Edgewood remains • No new long side service leads to homes on Edgewood • Deep sewer along Edgewood Dr. remains • Tributary flows from upstream remain routed through neighborhood

It is recommended that Alternative #1 be selected. Alternative #1 provides the residents along Edgewood Dr. with lowest risk of future sewer related issues and connects their service leads to a new gravity sewer in the shortest estimated timeframe. All upstream flow is diverted from being conveyed down Edgewood Dr., all potential odor issues are removed and the homes along Edgewood would no longer be connected to a 22' to 25' deep sewer along their frontage. With all the hardships the residents along Edgewood Dr. have endured over the years, these localized objectives weighed heavily into the alternatives' analysis.

While Alternative #1 has neither the lowest capital cost or lowest life cycle cost and does provide an increased operation and maintenance burden on the City's DPW staff; in our opinion, the long-term benefits of diverting the tributary flow from Edgewood Dr. and removing a 22' to 25' deep sewer from operation and not creating any additional sewer system issues (i.e. odor) are worth the additional City investment.

It is recommended that the City have contingency plans developed for the pump station because it relies on mechanical components and therefore, the risk of equipment failure or power loss is always present. The pump station should be equipped with an alarm system to alert of pump failure, power loss or high wet well levels and will be equipped with a connection for a portable generator but training for emergency response personnel would also be recommended.

The ultimate decision for which alternative to select should be based on which option the City is most comfortable with for the long-term health safety and welfare of its residents and effective utilization of City staff and funds based on the project descriptions, analyses and considerations provided in this Report.

If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

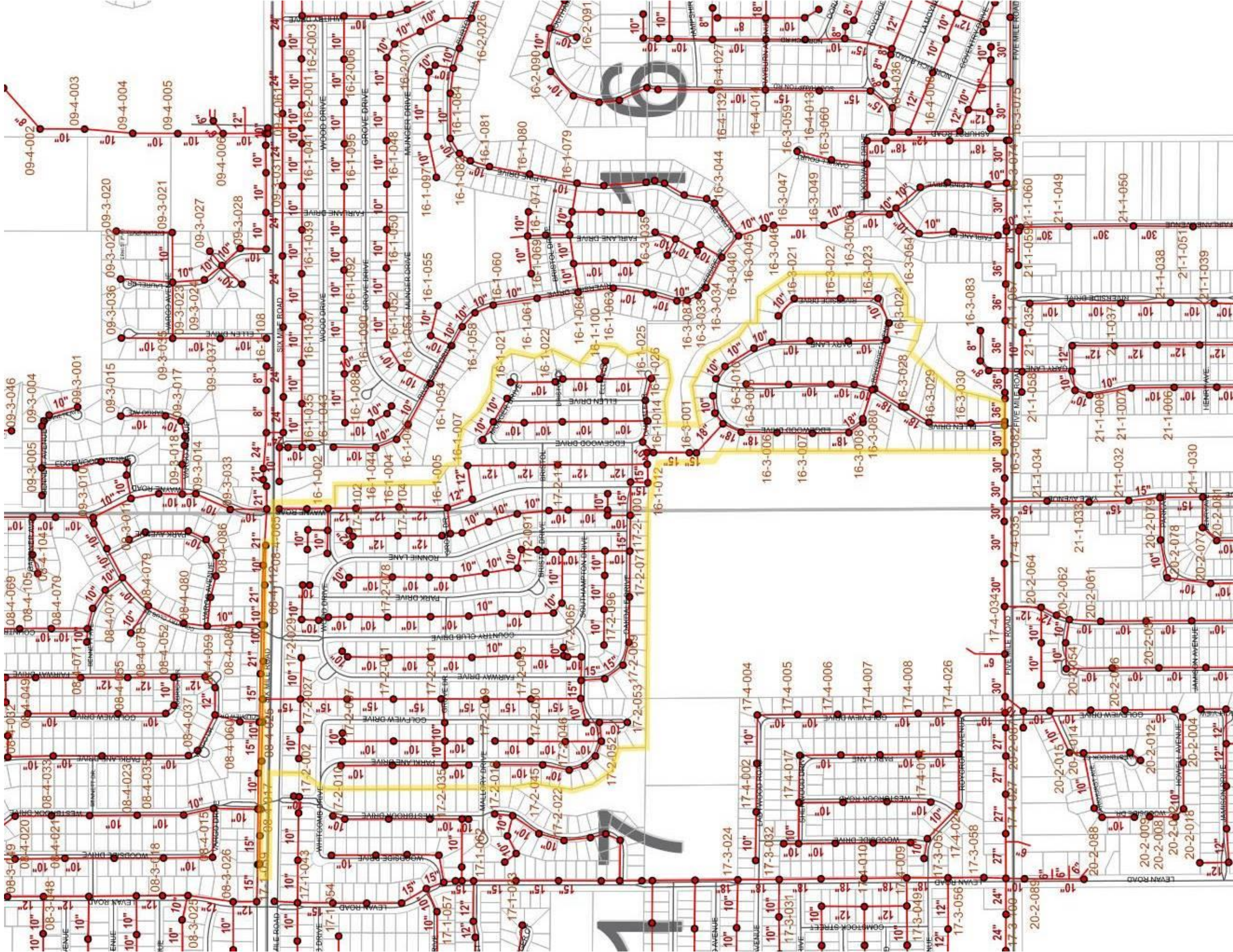
HUBBELL, ROTH & CLARK, INC.



Bradley Shepler, P.E., CCCA, LEED AP
Associate

Attachment

pc: City of Livonia; Jacob Rushlow, Todd Zilincik, David Lear
HRC; D. Mitchell, J. Nagle, S. Duffy, File



CITY OF LIVONIA
EDGEWOOD RELIEF SEWER

ALTERNATIVES ANALYSIS REPORT



HUBBELL, ROTH & CLARK, INC.
Consulting Engineers

Exhibit No.

1

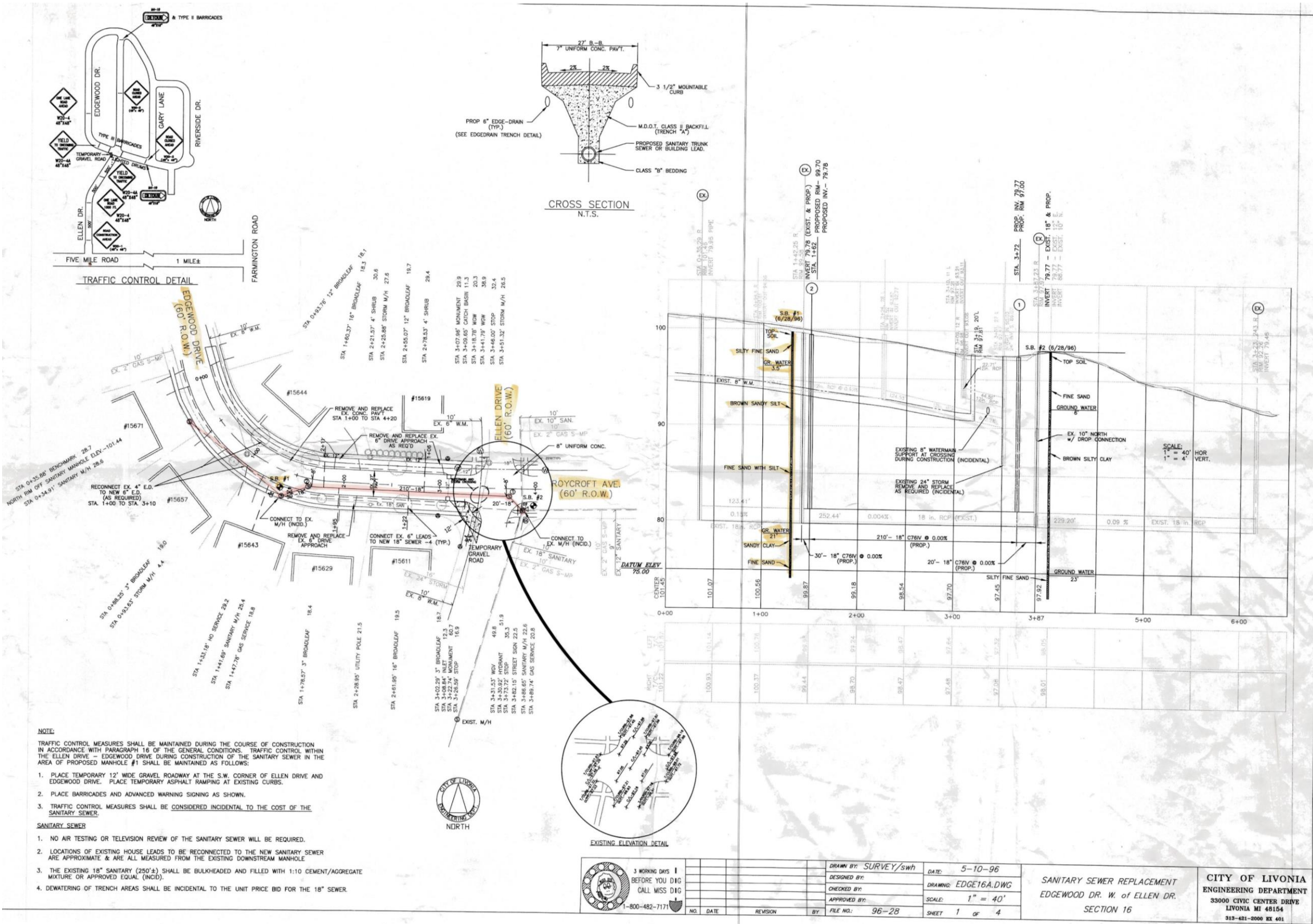
Date

September, 2020

Job No.

20200609

TRIBUTARY AREA MAP



CITY OF LIVONIA
EDGEWOOD RELIEF SEWER

ALTERNATIVES ANALYSIS REPORT



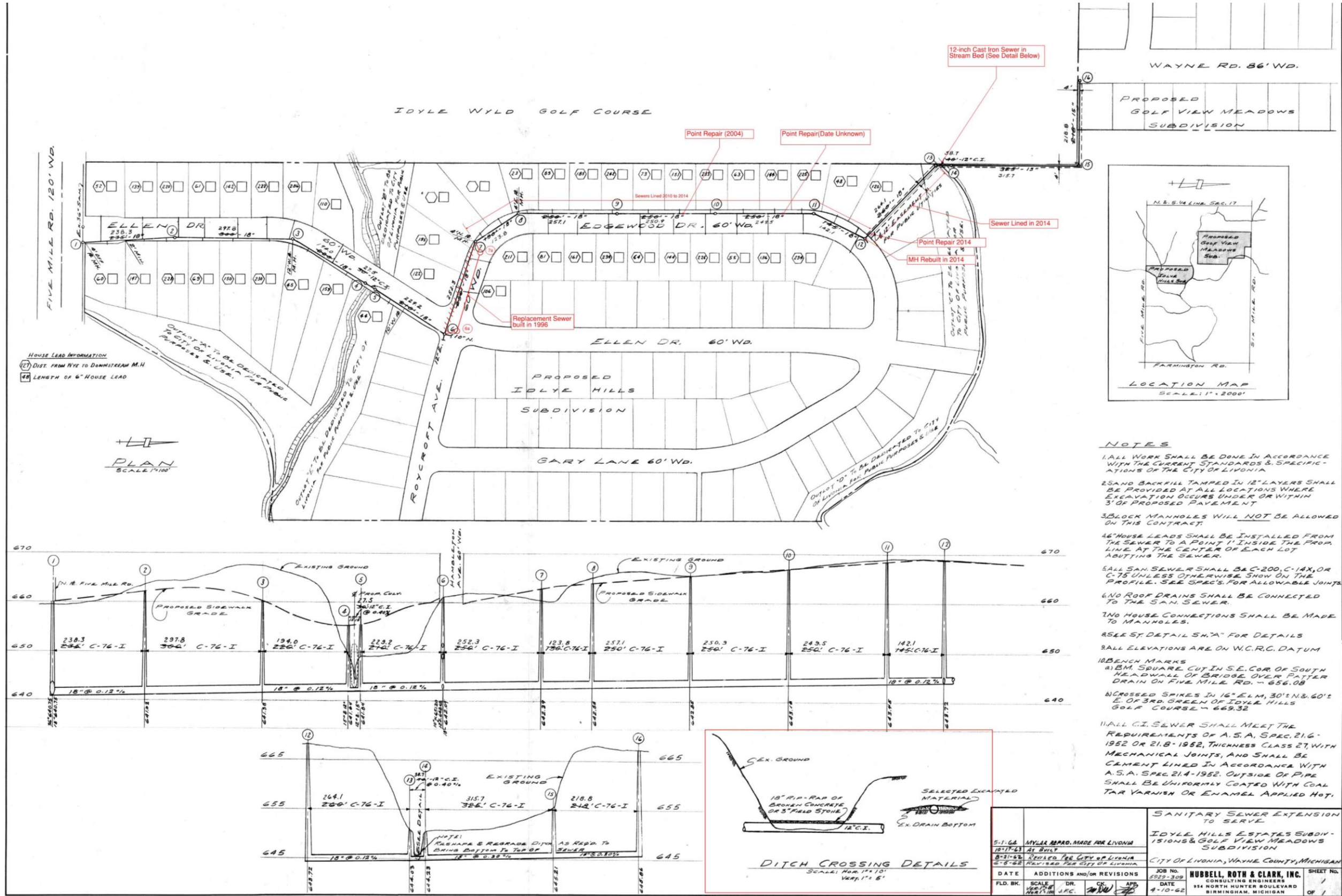
HUBBELL, ROTH & CLARK, INC
Consulting Engineers

Date
September, 2020
Job No.
20200609

Exhibit No.
2

PREVIOUS EDGEWOOD
SEWER REPLACEMENT

N/A



CITY OF LIVONIA
EDGEWOOD RELIEF SEWER

ALTERNATIVES ANALYSIS REPORT



HUBBELL, ROTH & CLARK, INC.
Consulting Engineers

Exhibit No.

3

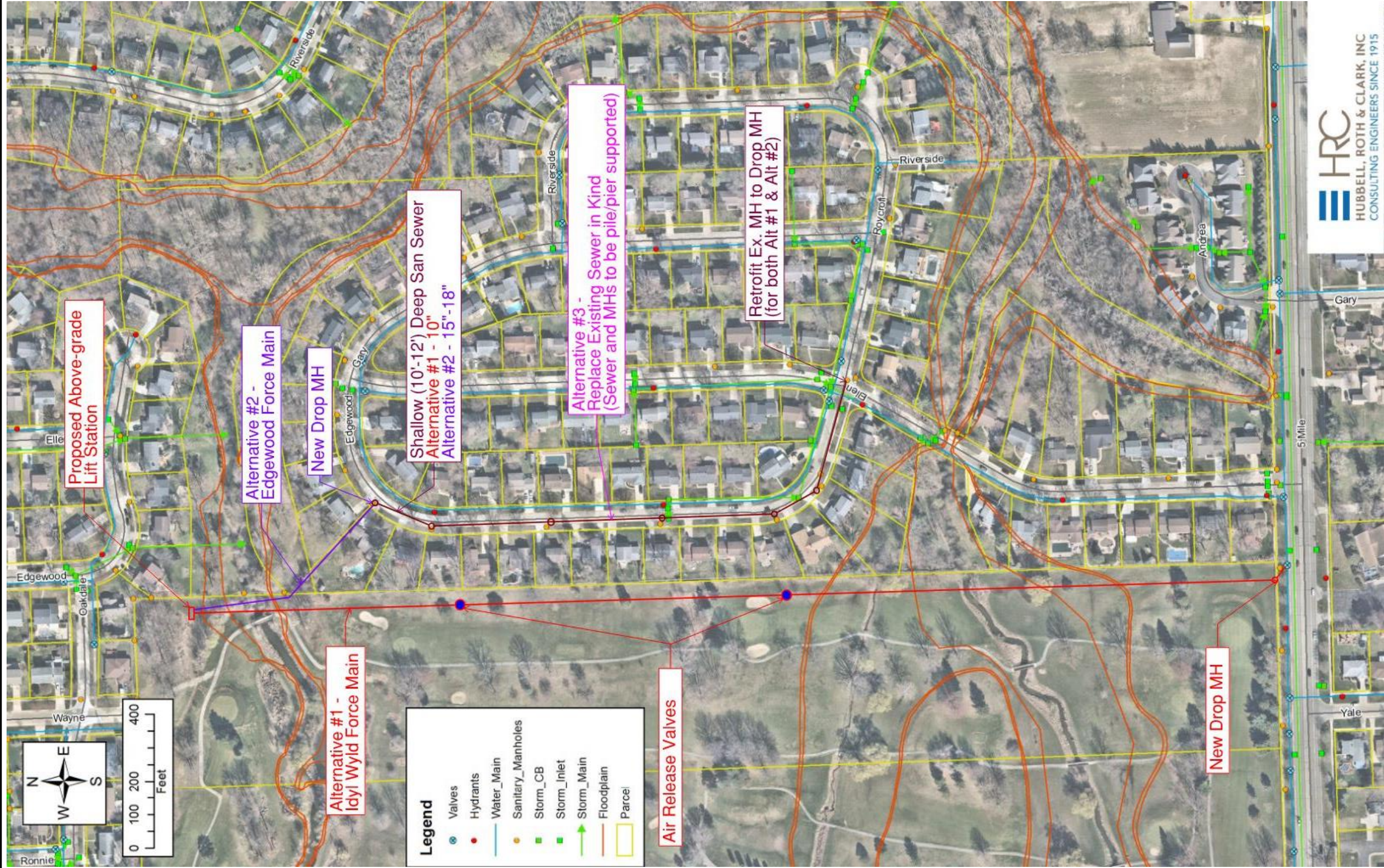
Date

September, 2020

Job No.

20200609

EXISTING CONDITIONS MAP

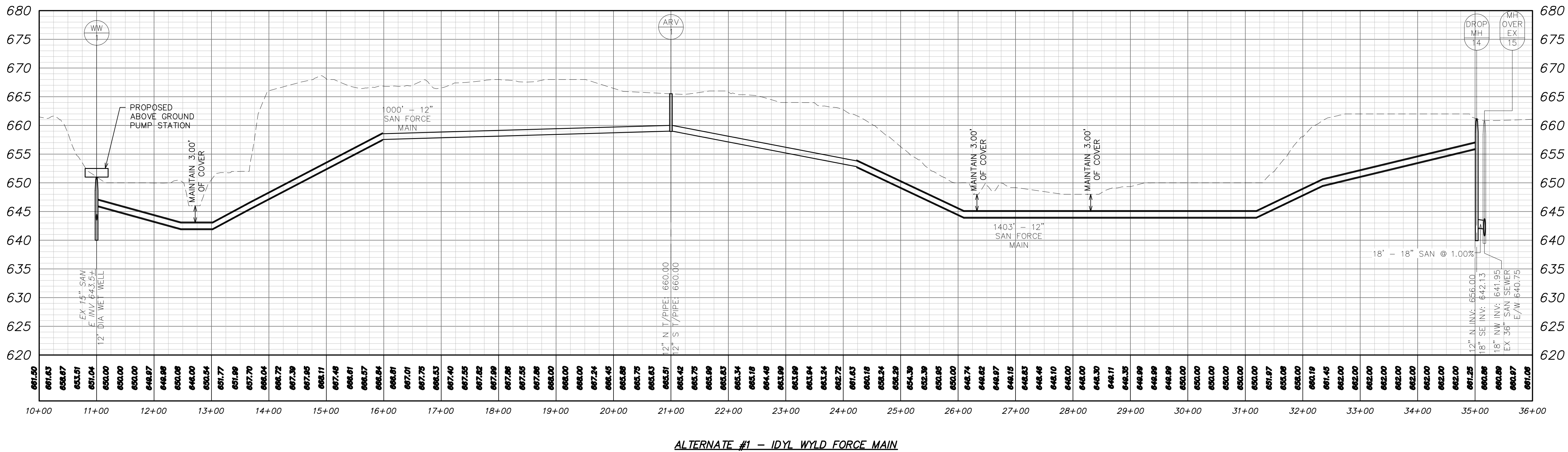
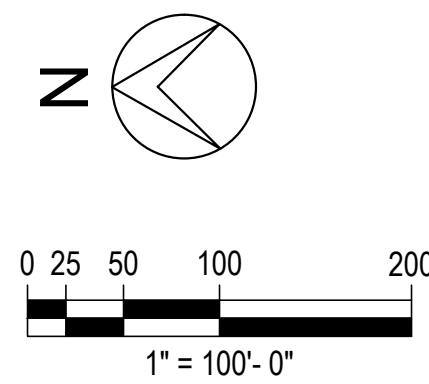


 CITY OF LIVONIA EDGEWOOD RELIEF SEWER	ALTERNATIVES ANALYSIS REPORT	
	ALTERNATIVES OVERVIEW	
 HUBBELL, ROTH & CLARK, INC Consulting Engineers	Exhibit No.	4
	Date September, 2020 Job No. 20200609	



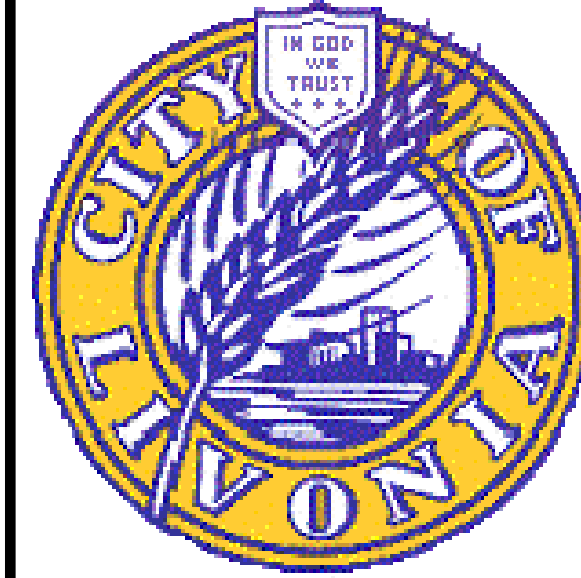
811
Know what's below
Call before you dig.

**CALL MISS DIG
72 HOURS
(3 WORKING DAYS)
BEFORE YOU DIG
1-800-482-7171
OR 811
(TOLL FREE)**



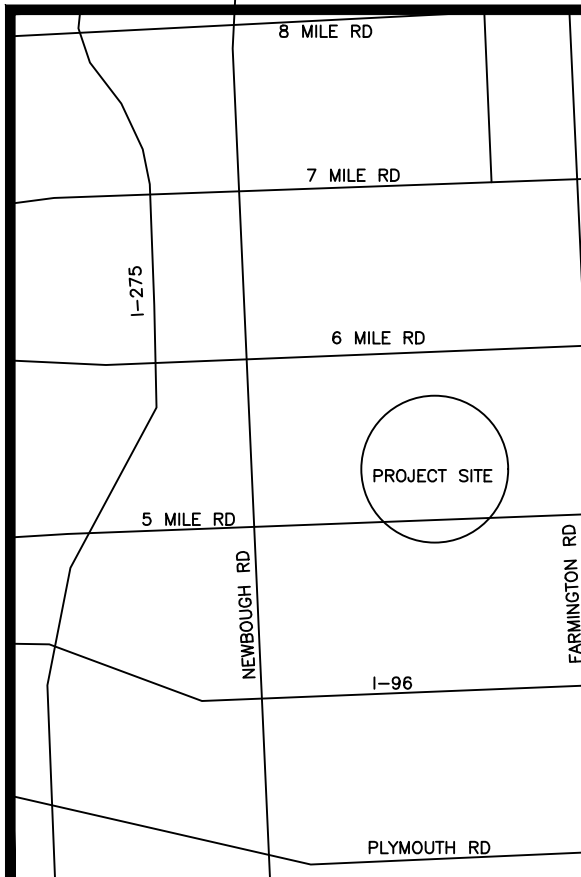
ALTERNATE #1 - IDYL WYLD FORCE MAIN

NOT FOR CONSTRUCTION



HRC
HUBBELL, ROTH & CLARK, INC
CONSULTING ENGINEERS SINCE 1915
555 HULET DRIVE
BLOOMFIELD HILLS, MICH.
P.O. BOX 824
48303 - 0824
PHONE: (248) 454-6300
FAX (1st. Floor): (248) 454-6312
FAX (2nd. Floor): (248) 454-6359
WEB SITE: [http:// www.hrcengr.com](http://www.hrcengr.com)

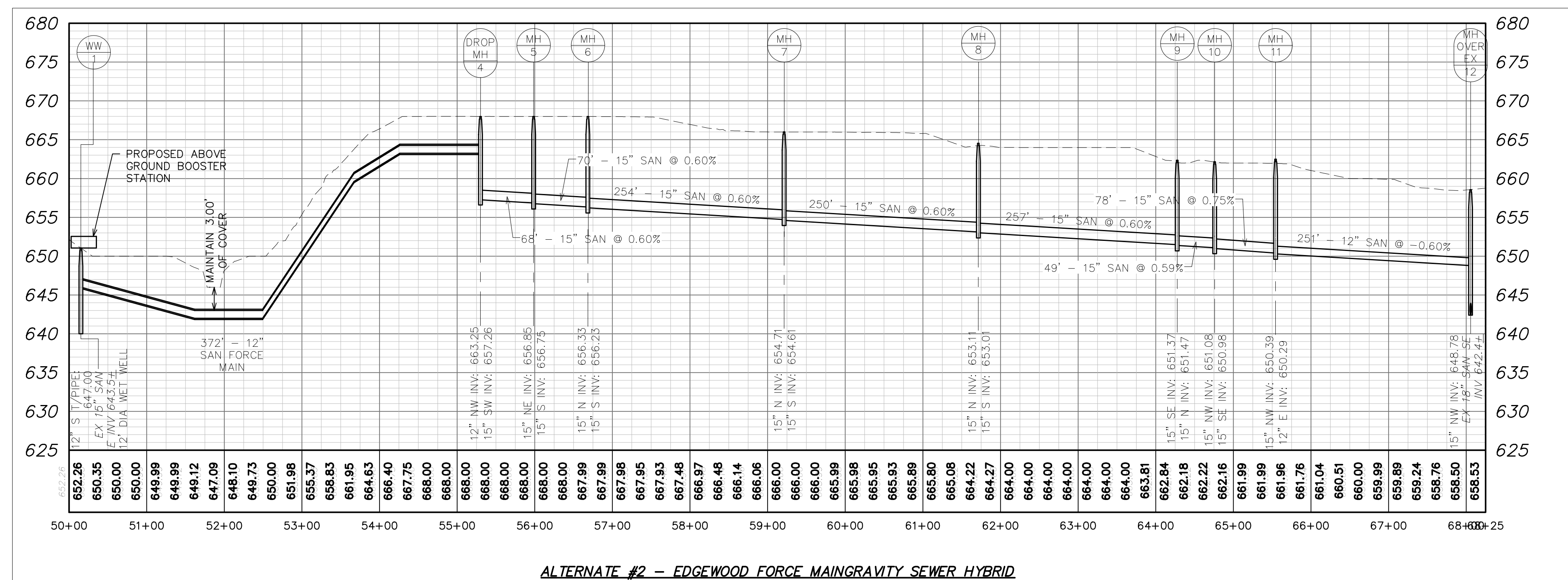
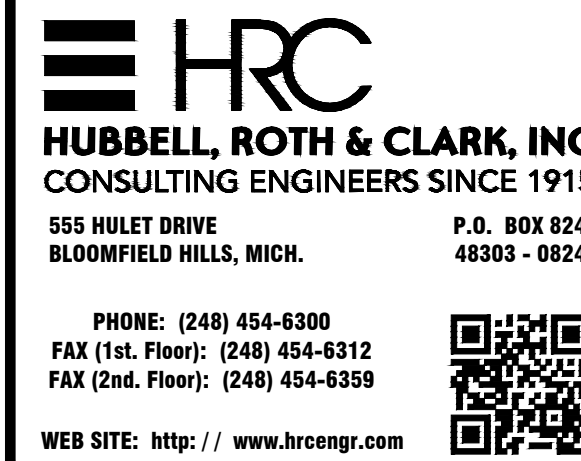
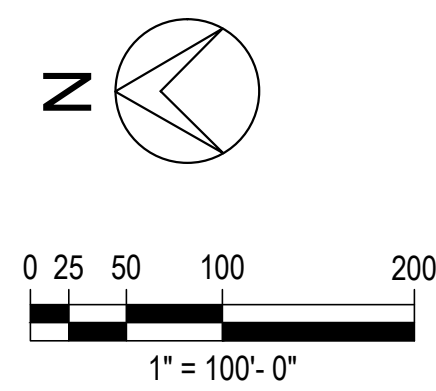
DATE	ADDITIONS AND/OR REVISIONS
DESIGNED	B. SHEPLER
DRAWN	D. HURRISH
CHECKED	B. SHEPLER
APPROVED	B. SHEPLER



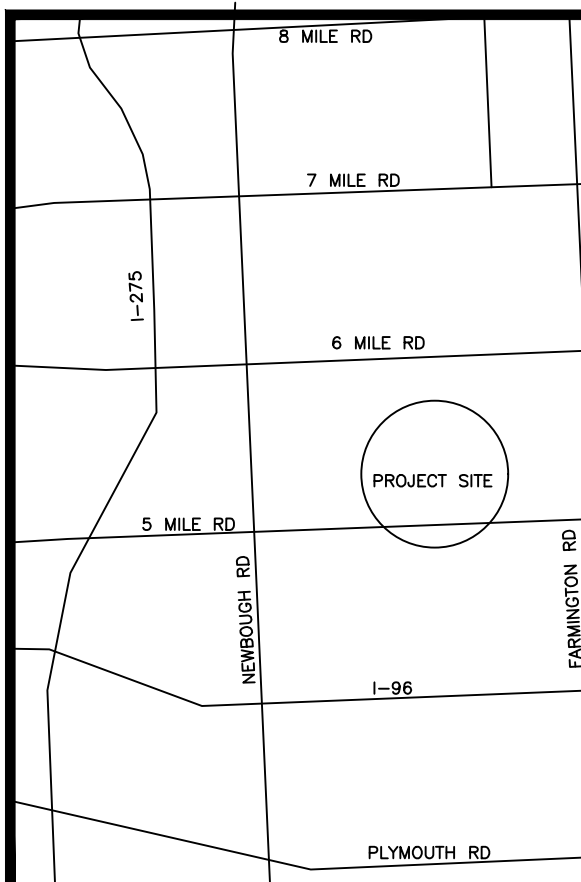
**EDGEWOOD SEWER
RELIEF**

**ALTERNATE #1
IDYL WYLD
FORCE MAIN
PRELIMINARY PLAN**

HRC JOB NO. 20200609	SCALE 1" = 100'
DATE August 2020	SHEET NO. 5



NOT FOR CONSTRUCTION



EDGEWOOD SEWER RELIEF

**ALTERNATE #2
EDGEWOOD
FORCE MAIN
PRELIMINARY PLAN**

HRC JOB NO. 20200609	SCALE 1" = 100'
DATE August 2020	SHEET NO. 6

City of Livonia – Edgewood Relief Sewer
Alternatives Analysis Report

APPENDIX A

Preliminary Opinion of Probable Costs

PRELIMINARY OPINION OF PROBABLE COST

PROJECT: Edgewood Relief Sewer **ALT #1**
LOCATION: Idyl Wyld Golf Course/Edgewood Dr. N. of 5 Mile Rd.
WORK: Idyl Wyld Pump Station & Force Main to 5 Mile Rd.;
10-inch Edgewood Replacement Sewer

DATE: November 11, 2020
PROJECT #: 20200609
ESTIMATOR: BWS
CHECKED BY: DWM
CURRENT ENR: 11455.26

Item	Qty	Unit	Unit Price	Total
Mobilization	1	lsum	\$ 77,500.00	\$ 77,500.00
Pavt, Rem	5360	syd	\$ 10.00	\$ 53,600.00
Packaged Above Ground Lift Station	1	lsum	\$ 260,000.00	\$ 260,000.00
Wet Well w/ Piers, 12 foot dia	1	ea	\$ 75,000.00	\$ 75,000.00
HDPE/PVC Force Main, 12 inch	2450	lft	\$ 175.00	\$ 428,750.00
Air Release Valve & Well	2	ea	\$ 5,000.00	\$ 10,000.00
Drop Manhole	1	ea	\$ 25,000.00	\$ 25,000.00
Drop Connection Sewer, 18 inch	20	lft	\$ 500.00	\$ 10,000.00
Sewer Tap, 18 inch	1	ea	\$ 2,000.00	\$ 2,000.00
Sewer, PVC RJ, 10 inch, Open Cut	1260	lft	\$ 75.00	\$ 94,500.00
Sanitary Manhole, 4 foot dia, 10 to 15 foot depth	6	ea	\$ 5,000.00	\$ 30,000.00
Sewer Tap, 10 inch	1	ea	\$ 500.00	\$ 500.00
Service Lead Reconnection, Short Side	16	ea	\$ 2,000.00	\$ 32,000.00
Service Lead Reconnection, Long Side	12	ea	\$ 10,000.00	\$ 120,000.00
Existing Sewer/Manhole Abandonment	1	lsum	\$ 38,000.00	\$ 38,000.00
Conc Pavt w/ Integral Curb, Nonreinf, 9 inch	3900	syd	\$ 75.00	\$ 292,500.00
Driveway, Nonreinf Conc, 6 inch	630	syd	\$ 55.00	\$ 34,650.00
Sidewalk, 4 inch	7425	sft	\$ 6.00	\$ 44,550.00
Site Restoration (Edgewood)	1400	syd	\$ 8.00	\$ 11,200.00
Site Restoration (Idyl Wyld)	1	lsum	\$ 20,000.00	\$ 20,000.00
SESC, MOT	1	lsum	\$ 20,000.00	\$ 20,000.00
SUBTOTAL				\$ 1,680,000.00

SUBTOTAL CONSTRUCTION COSTS	\$ 1,680,000.00
CONTINGENCY (10%)	\$ 168,000.00
TOTAL ESTIMATED CONSTRUCTION COSTS	\$ 1,848,000.00
DESIGN & CONSTRUCTION ENGINEERING SERVICES (17.5%)	\$ 323,000.00
TOTAL ESTIMATED PROJECT COSTS	\$ 2,171,000.00

PRELIMINARY OPINION OF PROBABLE COST

PROJECT: Edgewood Relief Sewer **ALT #2**
LOCATION: Idyl Wyld Golf Course/Edgewood Dr. N. of 5 Mile Rd.
WORK: Idyl Wyld Pump Station & Force Main to Edgewood;
15-inch Edgewood Replacement Sewer

DATE: November 11, 2020
PROJECT #: 20200609
ESTIMATOR: BWS
CHECKED BY: DWM
CURRENT ENR: 11455.26

Item	Qty	Unit	Unit Price	Total
Mobilization	1	lsum	\$ 58,700.00	\$ 58,700.00
Pavt, Rem	5360	syd	\$ 10.00	\$ 53,600.00
Packaged Above Ground Lift Station	1	lsum	\$ 250,000.00	\$ 250,000.00
Wet Well w/ Piers, 12 foot dia	1	ea	\$ 75,000.00	\$ 75,000.00
HDPE/PVC Force Main, 12 inch	500	lft	\$ 200.00	\$ 100,000.00
Drop Manhole Over Existing	1	ea	\$ 8,000.00	\$ 8,000.00
Sewer, PVC RJ, 15 inch, Open Cut	1260	lft	\$ 95.00	\$ 119,700.00
Sanitary Manhole, 4 foot dia, 10 to 15 foot depth	5	ea	\$ 5,000.00	\$ 25,000.00
Sewer Tap, 15 inch	1	ea	\$ 800.00	\$ 800.00
Service Lead Reconnection, Short Side	16	ea	\$ 2,000.00	\$ 32,000.00
Service Lead Reconnection, Long Side	12	ea	\$ 10,000.00	\$ 120,000.00
Existing Sewer/Manhole Abandonment	1	lsum	\$ 38,000.00	\$ 38,000.00
Conc Pavt w/ Integral Curb, Nonreinf, 9 inch	3900	syd	\$ 75.00	\$ 292,500.00
Driveway, Nonreinf Conc, 6 inch	630	syd	\$ 55.00	\$ 34,650.00
Sidewalk, 4 inch	7425	sft	\$ 6.00	\$ 44,550.00
Site Restoration (Edgewood)	1400	syd	\$ 8.00	\$ 11,200.00
Site Restoration (Idyl Wyld)	1	lsum	\$ 5,000.00	\$ 5,000.00
SESC, MOT	1	lsum	\$ 16,000.00	\$ 16,000.00
SUBTOTAL				\$ 1,285,000.00

SUBTOTAL CONSTRUCTION COSTS	\$ 1,285,000.00
CONTINGENCY (10%)	\$ 129,000.00
TOTAL ESTIMATED CONSTRUCTION COSTS	\$ 1,414,000.00
DESIGN & CONSTRUCTION ENGINEERING SERVICES (17.5%)	\$ 247,000.00
TOTAL ESTIMATED PROJECT COSTS	\$ 1,661,000.00

555 Hulet Drive
Bloomfield Hills, MI 48302
P: (248) 454-6300 - F: (248) 454-6312

PROJECT: Edgewood Relief Sewer **ALT #3**
LOCATION: Edgewood Dr. N. of 5 Mile Rd.
WORK: Replacement Sewer on Piers

PRELIMINARY OPINION OF PROBABLE COST

DATE: November 11, 2020
PROJECT #: 20200609
ESTIMATOR: BWS
CHECKED BY: DWM
CURRENT ENR: 11455.26

Item	Qty	Unit	Unit Price	Total
Mobilization	1	lsum	\$ 78,700.00	\$ 78,700.00
Pavt, Rem	5610	syd	\$ 10.00	\$ 56,100.00
Temporary Bypass Pumping	1	lsum	\$ 240,000.00	\$ 240,000.00
Dewatering	1	lsum	\$ 150,000.00	\$ 150,000.00
Sewer, Hobas or Approved Equal, 18 inch, Open Cut on Piers	1260	lft	\$ 725.00	\$ 913,500.00
Sanitary Manhole, 4 foot dia, 20 to 25 foot depth on Piers	6	ea	\$ 25,000.00	\$ 150,000.00
Service Lead Reconnection, Short Side	16	ea	\$ 2,500.00	\$ 40,000.00
Service Lead Reconnection, Long Side	12	ea	\$ 3,500.00	\$ 42,000.00
Conc Pavt w/ Integral Curb, Nonreinf, 9 inch	4200	syd	\$ 75.00	\$ 315,000.00
Driveway, Nonreinf Conc, 6 inch	630	syd	\$ 55.00	\$ 34,650.00
Sidewalk, 4 inch	7000	sft	\$ 6.00	\$ 42,000.00
Site Restoration (Edgewood)	1800	syd	\$ 8.00	\$ 14,400.00
SESC, MOT	1	lsum	\$ 22,000.00	\$ 22,000.00
SUBTOTAL				\$ 2,098,000.00

SUBTOTAL CONSTRUCTION COSTS	\$ 2,098,000.00
CONTINGENCY (20%)	\$ 420,000.00
TOTAL ESTIMATED CONSTRUCTION COSTS	\$ 2,518,000.00
DESIGN & CONSTRUCTION ENGINEERING SERVICES (16%)	\$ 403,000.00
TOTAL ESTIMATED PROJECT COSTS	\$ 2,921,000.00

City of Livonia – Edgewood Relief Sewer
Alternatives Analysis Report

APPENDIX B
Life Cycle Cost Analysis

City of Livonia
Edgewood Relief Sewer Alternatives Analysis
Life Cycle Cost Analysis

SUMMARY

	Alt #1 (Idyl Wyld FM)	Alt. #2 (Edgewood FM)	Alt. #3 (Replace Sewer)
Capital Costs	\$ 1,848,000	\$ 1,413,000	\$ 2,518,000
Annual OM&R Costs	\$ 23,000	\$ 23,000	\$ 1,500
20 Year Salvage Value	\$ 673,000	\$ 488,000	\$ 1,098,000
Net Present Worth	\$ 1,525,000	\$ 1,275,000	\$ 1,443,000
Annual Equivalent Net PW	\$ 100,000	\$ 84,000	\$ 95,000

Notes:

Net Present Worth is the sum of capital costs, OM&R costs, and interest during construction, less 20 year salvage value.
Present Worth Costs are based on Straight Line Depreciation and no inflation.
Cost is based on a study period of 20 years and a discount rate of 2.75%.
Estimated Construction Costs Only (Engineering Costs not included)

City of Livonia
Edgewood Relief Sewer Alternatives Analysis
Life Cycle Cost Analysis

**ALT. #1 - WORK: Idyl Wyld Pump Station & Force Main to 5 Mile Rd.;
10-inch Edgewood Replacement Sewer**

ENGINEER'S OPINION OF PROJECT COST

<u>CAPITAL COST</u>	PRESENT WORTH	SERVICE LIFE (YEARS)	NET PW (PW - SALVAGE VALUE)
Sewers / Structural / Sitework	\$ 1,562,000	80	\$ 881,000
Process / Mechanical / Electrical	275,000	20	275,000
Instrumentation & Controls	11,000	10	19,000
TOTAL CAPITAL COST	\$ 1,848,000		\$ 1,175,000

ANNUAL OPERATION AND MAINTENANCE COST

TOTAL ANNUAL O, M & R COST \$ 23,000

(Electricity use @ \$0.06/kwh & 10 hp motor running 25% of time
2 staff, 3 hour visit weekly at \$65/hr per person & \$2k misc. supplies)

PRESENT WORTH OF O&M COST \$ **350,000**

NET PRESENT WORTH \$ **1,525,000**

AVERAGE ANNUAL EQUIVALENT COST \$ **100,000**

Notes:

Cost is based on a study period of 20 years and a discount rate of 2.5%
Present Worth Costs are based on Straight Line Depreciation and no inflation.
Construction Costs Only

City of Livonia
Edgewood Relief Sewer Alternatives Analysis
Life Cycle Cost Analysis

**ALT. #2 - WORK: Idyl Wyld Pump Station & Force Main to Edgewood Dr.;
15-inch Edgewood Replacement Sewer**

ENGINEER'S OPINION OF PROJECT COST

<u>CAPITAL COST</u>	PRESENT WORTH	SERVICE LIFE (YEARS)	NET PW (PW - SALVAGE VALUE)
Sewers / Structural / Sitework	\$ 1,138,000	80	\$ 642,000
Process / Mechanical / Electrical	264,000	20	264,000
Instrumentation & Controls	11,000	10	19,000
TOTAL CAPITAL COST	\$ 1,413,000		\$ 925,000

ANNUAL OPERATION AND MAINTENANCE COST

TOTAL ANNUAL O, M & R COST \$ 23,000

(Electricity use @ \$0.06/kwh & 7.5 hp motor running 25% of time
2 staff, 3 hour visit weekly at \$65/hr per person & \$2k misc. supplies)

PRESENT WORTH OF O&M COST \$ **350,000**

NET PRESENT WORTH \$ **1,275,000**

AVERAGE ANNUAL EQUIVALENT COST \$ **84,000**

Notes:

Cost is based on a study period of 20 years and a discount rate of 2.5%
Present Worth Costs are based on Straight Line Depreciation and no inflation.
Construction Costs Only

City of Livonia
Edgewood Relief Sewer Alternatives Analysis
Life Cycle Cost Analysis

ALT. #3 - WORK: Replacement Sewer Supported on Piles/Piers

ENGINEER'S OPINION OF PROJECT COST

<u>CAPITAL COST</u>	PRESENT WORTH	SERVICE LIFE (YEARS)	NET PW (PW - SALVAGE VALUE)
Sewers / Structural / Sitework	\$ 2,518,000	80	\$ 1,420,000
Process / Mechanical / Electrical	0	20	0
Instrumentation & Controls	0	10	0
TOTAL CAPITAL COST	\$ 2,518,000		\$ 1,420,000

ANNUAL OPERATION AND MAINTENANCE COST

TOTAL ANNUAL O, M & R COST \$ 1,500

(Televising sewer every 10 years, drop connection inspection every 5 years)

PRESENT WORTH OF O&M COST \$ **23,000**

NET PRESENT WORTH \$ **1,443,000**

AVERAGE ANNUAL EQUIVALENT COST \$ **95,000**

Notes:

Cost is based on a study period of 20 years and a discount rate of 2.5%
 Present Worth Costs are based on Straight Line Depreciation and no inflation.
 Construction Costs Only

City of Livonia – Edgewood Relief Sewer
Alternatives Analysis Report

APPENDIX C
Geotechnical Exploration Report

GEOTECHNICAL EXPLORATION REPORT



Edgewood Street Sinkhole

Edgewood Street

Livonia, Michigan

City of Livonia/Department of Public Work

12973 Farmington Road

Livonia, Michigan 48150

November 12, 2020

NTH Project No. 61-200330

NTH Consultants, Ltd.
41780 Six Mile Road
Suite 200
Northville, MI 48168





NTH Consultants, Ltd.

Infrastructure Engineering
and Environmental Services

41780 Six Mile Road, Suite 200
Northville, MI 48168
248.553.6300
248.324.5179 Fax

Mr. Jacob Rushlow, P.E.
Superintendent of Public Service
City of Livonia/Department of Public Work
12973 Farmington Road
Livonia, Michigan 48150

November 12, 2020
NTH Project No. 61-200330

**RE: Geotechnical Exploration Report
Edgewood Street Sinkhole
Edgewood Street
Livonia, Michigan**

Dear Mr. Rushlow:

In accordance with the agreed upon scope of services presented in our proposal No. 61-200330, dated July 30, 2020, NTH Consultants, Ltd. has completed the geotechnical exploration at the sinkhole at Edgewood Street in Livonia, Michigan. The purpose of this study was to explore and evaluate the general subsurface conditions at this site, and to provide geotechnical recommendations for the sewer repair. The details of our exploration as well as our evaluations and recommendations are presented here.

We appreciate this opportunity to be of service to you and trust the information provided in the attached report satisfies your needs. If you have any questions, or if we may be of further assistance, please contact us.

Sincerely,

NTH Consultants, Ltd.

A handwritten signature in blue ink, appearing to read 'Luay F. Al-Durzi'.

Luay F. Al-Durzi
Senior Staff Engineer

LAD/JRE/mlk

Attachments

A handwritten signature in blue ink, appearing to read 'Jason Edberg'.

Jason Edberg, P.E.
Sr. Principal Engineer



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APPENDIX A

Figure No.

SOIL BORING LOCATION PLAN & SOIL PROFILE	1A &1B
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APPENDIX B

DLZ FIELD INVESTIGATION REPORT DATED JULY 27, 2020



1.0 INTRODUCTION

This report presents the results of a geotechnical exploration performed by NTH Consultants, Ltd. (NTH) following the partial failure of an existing sanitary sewer beneath Edgewood Street in Livonia, Michigan. The purpose of this study is to explore and evaluate the general subsurface conditions near the collapsed sewer and to provide geotechnical recommendations for the proposed repair or replacement options. The following sections present our understanding of the project background, a description of our field investigation, the results of the field and laboratory testing, groundwater conditions and geotechnical recommendations for proposed replacement options.

2.0 PROJECT BACKGROUND

Prior to this geotechnical study, a sinkhole appeared near Edgewood Street above an existing sanitary sewer within the Idyle Hill Estates subdivision, located north of 5 Mile Road and East of Levan Road in Livonia, Michigan. In general, Edgewood Street is an asphalt paved street located east on Idyl Wyld golf course and surrounded by Bell Branch streams.

The sinkhole was observed between manhole No. 10 and No. 9 above the location of an existing sewer line. In addition, a portion of the sewer pipe and manhole's collapse happened along the sewer line between manhole No. 9 and No. 11. The sewer line is an 18 inch reinforced concrete pipe (RCP) sanitary sewer located behind the west curb line of Edgewood Street at a depth of between approximately 23 and 25 feet. There are multiple manholes along the line. The area above the failed sewer line and along Edgewood Street is generally sloping, with the ground surface decreasing from north to south.

NTH understands that the city is considering several alternatives to restore the functionality of the sewer system. The primary elements of these options consist of the following:

- Replacement of the existing sanitary sewer along the same horizontal and vertical alignment.
- Construction of a new sanitary sewer along the same horizontal alignment, but at a shallower vertical alignment (approximately 10 to 12 feet deep).
- Construction of a new sanitary pump station in the northeast corner of the Idyl Wyld golf course property.
- Construction of a new sanitary force main, originating at the proposed new pump station, extending south along the eastern edge of the Idyl Wyld golf course property, and connecting to an existing sanitary sewer beneath 5 Mile Road via a new drop manhole.
- Construction of a new sanitary force main originating at the proposed new pump station, extending southeast along the existing sewer easement between 15939 Edgewood and 15953 Edgewood, and discharging into a new, shallower gravity sewer described above.

This report will provide geotechnical evaluations and recommendations for the construction of these proposed primary elements.



3.0 PREVIOUS GEOTECHNICAL EXPLORATION

A subsurface geotechnical exploration was previously completed by DLZ. They submitted a field exploration report under the title “Field Exploration – Manhole No. 10”, dated July 27, 2020. As part of the investigation for the sinkhole and sewer failure, two borings were drilled between the locations shown in their report, designated as B-1 and B-2. NTH reviewed the report and boring logs in preparation for this geotechnical study. The DLZ report is included in Appendix B of this report.

4.0 CURRENT GEOTECHNICAL EXPLORATION

4.1 FIELD EXPLORATION

Field work for the exploration was conducted between August 5, 2020 and September 22, 2020. Prior to the start of drilling activities, clearances for subsurface utilities were obtained using the Michigan one-call utility locating center (the MISS DIG system).

NTH’s geotechnical exploration consisted of drilling ten test borings. The boring locations were designated as B-3, through B-12. B-3 through B-6 were drilled near the vicinity of the collapsed sewer along Edgewood Street. B-7 through B-12 were drilled within the golf course property in locations relevant to the third option. The test boring locations were established in the field by NTH personnel. The boring locations are presented on the Soil Borings Location Plan and Soil Profile, presented as Figure Nos. 1A and 1B of the Appendix A. The boring locations depicted on Figure Nos. 1A and 1B were not surveyed. As such, these shown locations are considered approximate.

Test borings were drilled by DLZ Drilling Company, under the direct observation of an NTH personnel. The borings were drilled using a CME-55 truck mounted drill rig and all-terrain vehicle (ATV) mounted drill rig. The borings were advanced to depths ranging from approximately 25 to 80 feet. B-3, B-8, B-9, B-10, B-11 and B-12 were advanced to the explored depth using 4¼-inch inside-diameter hollow-stem augers. B-4, B-5, B-6, and B-7 were advanced through the upper soil to depths ranging from 15 feet to 21.5 feet using 4¼-inch inside-diameter hollow stem augers. The wash rotary drilling technique was used beyond this depth. For the wash rotary drilling technique, augers were removed and replaced with 4 inch steel casing to advance the boring using a 2-7/8-inch tri-cone roller bit to explored depth of the boring. Upon completion, an open standpipe well was installed at the locations of B-3, B-4, B-5, B-7, B-10, and B-12. All other test borings were backfilled with sand, bentonite, or soil cuttings.

At the locations of B-3 through B-6, soil samples were obtained at intervals of 2.5 feet until a depth of 20 feet was reached. After 20 feet, continuous samples were obtained to a depth of 41 feet. After a depth of 41 feet, samples were collected at 5 foot intervals to the explored depth of the boring. Samples at the locations of B-7 through B-12 were obtained at 2.5-foot intervals within the upper 10 feet followed by 5-foot intervals to the explored depth. Sampling was performed using a 2-inch outside diameter, lined or unlined, split-barrel sampler in conjunction with the Standard Penetration Test (SPT) method (ASTM D1586), as outlined on the attached General Notes (Figure No. 2 of Appendix A). Soil samples recovered in these liners are designated as “LS” on the respective test boring logs. All soil samples obtained with the split-barrel sampler were sealed in jars and transported to our laboratory for further classification and testing.



Groundwater level observations were generally made during drilling and immediately following borehole completion as noted on each boring log.

4.2 PRESENTATION OF DATA

NTH evaluated the soil and groundwater conditions encountered in the test borings, and we have presented these conditions in the form of individual Logs of Test Boring (Figure Nos. 3 through 12 in Appendix A). General Notes defining the nomenclature used to describe the encountered soil on the Logs of Test Boring, and elsewhere in this report, are presented on Figure No. 2. The elevations and coordinates for the boring locations are presented in the boring logs. Ground surface elevations at the boring locations were estimated from Google Earth and were not surveyed; as such, the elevations are approximate.

The stratification shown on the Logs of Test Boring represents the subsurface condition at the actual boring locations. Variations may occur between and away from the borings. Additionally, the stratigraphic lines represent the approximate boundary between soil types; however, the transition may be more gradual than what is shown. We have prepared the logs included with this report on the basis of field classification supplemented by laboratory testing. In addition to subsoil stratification, the Logs of Test Boring present Standard Penetration Resistance values (N-values), groundwater observation, drilling and sampling information, selected laboratory test results, and other pertinent data.

4.3 LABORATORY TESTING

Representative soil samples obtained during the field exploration were subjected to laboratory testing to measure in-situ dry density, moisture content, unconfined compressive strength and grain size distribution. The results of the laboratory tests are presented on the attached Tabulation of Laboratory Test Data (Figure Nos. 13A and 13B) in Appendix A. The results of the sieve analysis testing are shown on the Grain Size Distribution Curves (Figure Nos. 14 through 47 in Appendix A). In-situ dry density and moisture content values are also presented on the individual Logs of Test Boring.

In addition to the laboratory testing, field pocket penetrometer measurement was taken on cohesive soil recovered from the test borings as an aid in evaluating the consistency of the cohesive soil. The pocket penetrometer value is also presented on the boring logs.

5.0 SUBSURFACE CONDITIONS

5.1 SOIL CONDITIONS

On the basis of the data obtained at the test boring locations during the field investigation supplemented with laboratory soil testing, we have evaluated the general subsurface conditions along the collapsed portion of the sewer line. The subsoils vary across the site, but generally consist of topsoil underlain by cohesionless or cohesive fill which generally overlies the native cohesionless soils extending to the explored depth of the boring. In boring B-6 hardpan was encountered directly below the native cohesionless soils. Within the upper native cohesionless soils occasional



interbedded layers of thin cohesive soils layers were encountered. NTH has evaluated the subsurface conditions for this project and summarized encountered soil conditions for the primary project elements in the following paragraphs.

5.1.1 Soil Conditions Along Edgewood Street

Fill Soils – In boring B-3 through B-6, topsoil materials are generally underlain by apparent uncontrolled fill deposits that consist of medium compact granular fill or stiff to very stiff cohesive fill layers. The fill deposits extend to depths ranging from approximately 3 feet to 6 feet below the ground's surface. The uncontrolled fill deposits contain variable amounts of gravel, silt and clay.

Native Cohesionless Soils – Directly below the fill soils the native cohesionless soils were encountered. It generally consists of very loose to very compact sand and silt layers with variable amounts of gravel and clay. The relative density of the soils was generally found to be increasing with the increasing depth. The cohesionless soils extended to the explored depths for each boring.

Native Cohesive Soils – The native cohesive soils were encountered interbedded within the native cohesionless soils at the locations of B-4, B-5 and B-6 at depths ranged between 12 to 25 feet. A variable percentage of gravel and sand were also encountered within this layer. The unconfined compressive strength obtained from the pocket penetrometer and laboratory compression tests for these deposits ranged between approximately 500 to 6500 pounds per square foot (psf) indicating the consistency ranged from very soft to very stiff.

Glacial Till (Hardpan) – At the location of B-6, deposits of granular soils (known as hardpan) were noted to be present directly beneath the native soils. The glacial till consisted of a very compacted mixture of gravel, sand, silt and clay with N- values over 50 blows. The hardpan layer was encountered at a depth of approximately 77 feet and extended to the end of explored depth of approximately 80 feet.

5.1.2 Soil Conditions Along Idyl Wyld Golf Course

Fill Soils – In boring B-7 through B-12 topsoil materials were generally underlain by fill deposits that consisted of loose to medium compact granular fill or very soft to very stiff cohesive fill layers. In addition, layers of apparent fill materials consisting of hard silty clay were encountered at some of the boring locations. Variable percentages of, gravel, silt, and organic matter were encountered within the fill and possible fill deposits. The fill deposits were encountered at depths ranging from approximately 3 feet to 13.5 feet below the ground surface at the explored locations.

Native Cohesionless– The native cohesionless soils below the fill or possible fill layers consisted of very loose to very compact sand layers with variable amounts of gravel and silt. The cohesionless soils were encountered at depths ranging between approximately 3 feet to 13.5 feet and extended to the explored depths for each boring location (Ie. Depths of approximately 25 feet to 35 feet below the ground surface).



Native Cohesive Soils – The native cohesive soils were encountered at the locations of B-9, B-10 and B-12 at depths ranging between 6 to 25 feet. A variable percentage of gravel and sand were also encountered within this layer. The unconfined compressive strength obtained from the pocket penetrometer and laboratory compression test for these deposits ranged from approximately 4560 to more than 9000 pounds per square foot (psf) indicating the consistency ranged from very stiff to hard.

5.2 GROUNDWATER CONDITIONS

Groundwater was encountered during drilling at the locations of B-3, B-7, B-8, B-9, B-10, B-11 and B-12; however, no meaningful groundwater information was obtained at completion of boring due to:

- a) The introduction of drilling fluid within the test borings B-4 to B-7 during the wash rotary drilling, and
- b) The addition of water during the drilling process at test borings B-3, B-8, B-11 and B-12. This was done to prevent the heaving of the granular soils and borehole collapse.

Groundwater was not encountered during or upon completion of drilling at the remaining boring locations.

Groundwater readings were also obtained from monitoring wells installed at the locations of B-3, B-4, B-5, B-7, B-10 and B-12. A summary of the groundwater conditions observed is presented in Table 1 below.

Table 1 – Approximate Observed Groundwater Levels (GWT)

Boring Number	GWT During Drilling		GWT From Monitoring Wells (9/29/2020)	
	Depth (ft)	Elevation (ft)	Depth (ft)	Elevation (ft)
B-3	27.5	641.5	22.3	642.7
B-4	Not Encountered	N/A	23.7	642.7
B-5	Not Encountered	N/A	24.0	643.0
B-6	Not Encountered	N/A	N/A	N/A
B-7	4.0	646.0	5.7	644.2
B-8	23.0	643.0	N/A	N/A
B-9	3.5	664.5	N/A	N/A
B-10	13.0	644.0	13.2	643.8
B-11	3.5	645.5	N/A	N/A
B-12	23.5	638.5	19.1	642.9



6.0 EVALUATIONS AND RECOMMENDATIONS

6.1 EDGEWOOD SEWER ALIGNMENT

6.1.1 Deep Gravity Sewer Construction

Removal and replacement of the existing sewer along its current horizontal and vertical alignment would require open-cut excavation, primarily due to the restoration of service connections to the homes along Edgewood Drive. The depth of the trench for the open-cut installation needed to replace the existing sewer would typically be in the range of 23 to 25 feet below the ground surface and would extend predominantly through fill materials, native cohesionless soils, and interbedded cohesive deposits.

Based on the location and depth of the existing sewer, the proximity to existing homes and surrounding infrastructure, and the nature of the surrounding soils, traditional open-cut methods using sloping or benching with trench boxes does not appear to be feasible. Excavations to these depths will likely require the use of temporary earth retention systems (TERS) to maintain a stable excavation. The TERS should be designed by an experienced, qualified Professional Engineer registered in the State of Michigan, and would need to consider both the location of sanitary service connections and groundwater conditions/controls described below.

As indicated earlier in this report, groundwater was encountered during drilling at a depth of approximately 27.5 feet below the ground surface at the location of B-3. Upon completion of the investigation, groundwater was not recorded due to the use of the wash rotary drilling technique or water during drilling. A review of the borings completed during the previous exploration completed by DLZ showed that groundwater was encountered at depths of approximately 18.5 to 20 feet below the ground surface. The groundwater observations were made in monitoring wells B-3 through B-5 and found to range between approximately 22.3 feet to 24 feet below ground surface.

Fluctuations in the groundwater level should be expected with seasonal variations and following periods of prolonged precipitation. Based on our groundwater observations and color change from brown to gray, we anticipate the long-term groundwater levels near Edgewood Street sewer may be in the range of roughly Elevations 640 to 647 feet and will be closely related to, and likely a few feet higher than, the water level in the nearby stream water level. The presence of groundwater within the granular soils may result in unstable conditions when the excavations extend below groundwater level. As such, if excavations terminate below the water level observed within the granular soil layers, measures should be taken to control groundwater. This can be accomplished by:

- a) Extending an earth retention system enough distance below the bottom of the excavation to sufficiently reduce gradients to acceptable limits, thereby slowing the rate of groundwater infiltration into the excavation to controllable levels. Groundwater levels within the trench could then be controlled using internal sumps to maintain a groundwater level at least 2 feet below the bottom of excavation.



- b) Performing construction dewatering in the form of well points or dewatering wells outside of the excavation. Care must be taken during dewatering activities to limit depressing the groundwater table to only 1 to 2 feet below the bottom of excavations and maintain the influence of dewatering drawdowns to only the area within close proximity to the excavation limits especially if nearby utilities are present. The dewatering system should be designed by an experienced, qualified Professional Engineer registered in the State of Michigan, and care should be taken as to not impact any water supply wells that may be located nearby.

Once the excavation has been completed and the existing subgrade and native or fill materials are exposed, any debris (if any) as well as any other exposed soils containing larger than trace amounts of organic matter or debris should be stripped in their entirety from within the pipe bedding footprint. The exposed soils should be proof-compacted using heavy vibratory equipment. During proof compaction operations, any areas that exhibit yielding should be stabilized by removal and conditioning of the yielding soils or their replacement with engineered granular fill. Pipe bedding, sewer and manhole installation, and backfill should be performed in accordance with the contract documents and city standards.

Ordinarily, the soils encountered at the anticipated depth of excavation would be considered suitable for support of the pipe bedding if properly prepared and conditioned as described herein. However, based on a history groundwater infiltration through joints in the RCP sewer and at manhole connections, special consideration should be given to subgrade preparation, pipe bedding material, and pipe and manhole material selection to limit future infiltration and loss of soil support around the new sewer and manholes.

The use of geotextile and geogrid should be considered to improve the stability of the soils encountered at the base of excavation. Using a geotextile to provide subgrade separation and geotextile to reinforce the subgrade will serve to limit future differential settlement between pipe segments and at connections to manholes.

Flexible, gasketed connections between sewer pipes and manholes will limit groundwater infiltration and potential subsidence/settlement of these structures. Pipe materials that limit the number of joints or have joints that allow for flexibility while maintaining watertightness, such as PVC pipe (e.g. Contech A-2000) or HDPE pipe (e.g. with Victaulic fittings and couplings), should be considered as an alternate to the existing RCP material.

6.1.2 Shallow Gravity Sewer Construction

Construction of a new sewer along a similar horizontal and shallower vertical alignment would require open-cut excavation, primarily due to the restoration of service connections to the homes along Edgewood Drive. The depth of the trench for the open-cut installation needed to replace the existing sewer would typically be in the range of 12 to 15 feet below the ground surface and would likely terminate predominantly within very loose to loose sand and silt soils. Based on the location and depth of the proposed sewer, the proximity to existing homes and surrounding infrastructure, and the nature of the surrounding soils, traditional open-cut methods using sloping or benching with trench boxes appears to be feasible. The sides of the excavation should be benched or sloped according to Michigan Occupational Safety and Health Administration (MIOSHA) guidelines. Based on



MIOSHA guidelines, the encountered soil within the depth of the gravity sewer excavation would be Type C, therefore the minimum allowable slope should be 1.5:1 (H:V). It is also recommended not to place the excavated soil as well as construction machinery near the edge of the excavation to maintain stable excavation. In addition, utilities located within the vicinity of the open cut will often have to be individually supported or relocated to facilitate work. Trench boxes will be required to provide worker protection in the temporary excavation, and limit extensive right-of-way that limits traffic and/or extends to private lots.

The static groundwater level is anticipated to be below the bottom of the trench excavation. However, perched groundwater can be expected within the native or fill soils near the ground surface. These groundwater sources typically have little or no recharge capability. If groundwater seepage is encountered in construction excavations, such groundwater accumulations are expected to be controllable by pumping from properly constructed sumps.

The underlying very loose to loose granular soils are not considered suitable for direct support of pipe bedding material. The exposed soils should be proof-compacted using heavy vibratory equipment. During proof compaction operations, any areas that exhibit yielding should be stabilized by removal and conditioning of the yielding soils or their replacement with engineered granular fill. The use of geotextile and geogrid should be considered to improve the stability of the soils encountered at the base of excavation. Pipe bedding, sewer and manhole installation, and backfill should be performed in accordance with the contract documents and city standards.

6.2 IDYL WYLD PUMP STATION AND FORCE MAIN

6.2.1 Sanitary Pump Station

This alternative involves the construction of a new sanitary pump station in the northeast corner of the Idyl Wyld golf course property. The depth of the proposed pump station is unknown at time of this writing; however, NTH estimates that it will be generally in the range between 20 to 30 feet deep. Based on the proposed depth of excavation, anticipated soil and groundwater conditions, and proximity to surrounding houses and infrastructure, it appears that the excavation will extend through native cohesionless soils below the groundwater table. Based on the anticipated upper subsoil conditions of very loose to loose granular soils, open-cut excavation would require slopes of 2:1 (H:V) or flatter. This would create a large area of disturbance within the golf course property that may be undesirable; therefore, consideration should be given to the use of a temporary earth retention system (TERS) to maintain a smaller excavation footprint. The TERS should be designed by an experienced, qualified Professional Engineer registered in the State of Michigan.

The presence of groundwater within the granular soils may result in unstable conditions when the excavation extends below groundwater level. As such, measures should be taken to control groundwater. This can be accomplished by:



- a) Extending an earth retention system enough distance below the bottom of the excavation to sufficiently reduce gradients to acceptable limits, thereby slowing the rate of groundwater infiltration into the excavation to controllable levels. Groundwater levels within the trench could then be controlled using internal sumps to maintain a groundwater level at least 2 feet below the bottom of excavation.
- b) Performing construction dewatering in the form of well points or dewatering wells outside of the excavation. Care must be taken during dewatering activities to limit depressing the groundwater table to only 1 to 2 feet below the bottom of excavation and maintain the influence of dewatering drawdowns to only the area within close proximity to the excavation limits especially if nearby utilities are present. The dewatering system should be designed by an experienced, qualified Professional Engineer registered in the State of Michigan, and care should be taken as to not impact any water supply wells that may be located nearby.

The medium compact granular soils expected to be encountered at the base of the proposed pump station excavation are capable of supporting foundation loads for the proposed structure, with an allowable bearing capacity of 2,000 psf, with an anticipated total and differential settlement of 1/2 inch and 1/4 inch, respectively. Design for buoyancy or uplift of the pump station should assume a groundwater elevation at the ground surface.

6.2.2 Force Main Along Idyl Wyld Property Line

Construction of a new sanitary force main, originating at the proposed new pump station, extending south along the eastern edge of the Idyl Wyld golf course property, and connecting to an existing sanitary sewer beneath 5 Mile Road via a new drop manhole can be performed using several feasible open-cut and trenchless installation methods; however, horizontal directional drilling (HDD) may be a preferred method given the proposed pipe diameter, surrounding surface features, length of sewer, and anticipated subsurface conditions. HDD refers to steerable soil drilling systems commonly used to install both small and large diameter lines in a shallow arc along a prescribed bore path by using a surface-launched drilling rig. It is a very common method that offers minimal impact on the surrounding area and is suitable for a variety of soil conditions.

HDD operations require a launch site where the rig is set-up and positioned to drill a pilot bore along a planned path to an exit pit where the product pipe is attached and pulled back through the bore hole. A reamer may be used to enlarge the borehole to accommodate the product pipe. Several passes may be required to achieve the recommended borehole diameter of 1.5 times that of the product pipe.

Cohesionless fine sand and silt generally behave as running ground and stay suspended in the drill fluid for a sufficient amount of time; therefore, they are also possible for HDD. For this project, we anticipate the new pipe to be installed between approximately depths 10 and 12 feet. Based on these depths, the proposed force main alignment is expected to pass through interchanging layers of stiff to hard silty clays and loose to compact sands. The stiff to hard silty clays are suitable for HDD installation methods; however, the loose sands may present challenges to maintaining bore hole stability. Cementitious stabilization or the use of conductor casing in weak soil zones may be required to maintain hole stability during construction.



Another risk associated with the anticipated loose granular soil conditions is that it may provide a path for drilling fluids to permeate the ground, thereby decreasing drilling fluid pressure and further decreasing bore stability. Paths of drilling fluid could migrate through the soil and intersect the ground surface, causing inadvertent drilling fluid returns. Close monitoring for these conditions in the field will be required and may necessitate modifications to contractor means and methods during construction. In the stiffer or denser soil conditions, there will be low risk of experiencing hole stability issues; however, proper management of the drilling fluid properties will assist with proper removal of soil cutting and contribute to reducing the risk of drilling fluid surface release.

6.2.3 Force Main Along Existing Sewer Easement

Construction of a new sanitary force main originating at the proposed new pump station, extending southeast along the existing sewer easement between 15939 Edgewood and 15953 Edgewood can be performed using several feasible open-cut and trenchless installation methods; however, horizontal directional drilling (HDD) may be a preferred method given the proposed pipe diameter, surrounding surface features (including an existing creek crossing), length of sewer, and anticipated subsurface conditions. The depth of the proposed force main is flexible, controlled primarily by the surrounding grade and surface features. Along the proposed horizontal alignment, the force main is expected to pass through predominantly loose to medium compact cohesionless soils, which may present challenges to maintaining bore hole stability. Cementitious stabilization or the use of conductor casing in weak soil zones may be required to maintain hole stability during construction.

Another risk associated with the anticipated loose granular soil conditions is that it may provide a path for drilling fluids to permeate the ground, thereby decreasing drilling fluid pressure and further decreasing bore stability. Paths of drilling fluid could migrate through the soil and intersect the ground surface, causing inadvertent drilling fluid returns. Close monitoring for these conditions in the field will be required and may necessitate modifications to contractor means and methods during construction.

6.3 GENERAL CONSIDERATION FOR TEMPORARY EXCAVATIONS

All excavations deeper than 5 feet should be properly sloped or otherwise structurally retained to provide stable and safe working conditions. In areas where there is inadequate space to allow for proper side slopes for trenches and other excavations, vertical walls with properly designed and installed lateral bracing, or a combination of slopes and braced vertical walls may be used. In all cases, Michigan Department of Labor and Regulatory Affairs (LARA) requirements, *i.e.*, the Michigan Occupational Safety and Health Act (MIOSHA) and related regulations, as well as any additional local regulations or owner requirements, must be followed and adequate protection provided for workers and adjacent structures.

Construction traffic and excavated material stockpiles should be kept away from excavations a minimum distance equal to the full depth of the excavation, unless the resulting surcharge loads are accounted for in the design of the lateral bracing system. The contractor's proposed excavations, support systems, and sequence of construction should be reviewed by a qualified engineer prior to allowing the contractor to commence work.



6.4 BACKFILLING AND SITE RESTORATION

Excavations should be backfilled with MDOT Class II granular material. Class II material should be placed in uniform horizontal layers that are not more than 9 inches in loose thickness to at least 12 inches above the top of the pipe and compacted to at least 95 percent of the maximum dry density as determined by the Modified Proctor Compaction Test (ASTM D 1557). In locations where the sewer line is constructed within the influence of existing roadways or other restrictive areas, the Class II material should be placed in 12-inch lifts extending to final grade.

Suitable excavated granular or cohesive materials may be used to backfill the balance of the excavation above the Class II material outside the influence zone of pavements and other surface structures. In these areas, engineered fill should be placed at approximately the optimum moisture content and compacted to 95 percent of the maximum density as determined by the Modified Proctor Compaction Test (ASTM D 1557). If ground surface settlement above the sewer force main trench can be tolerated, the density requirement for such fill areas may be slightly reduced.

Organic materials should not be reused as trench backfill anywhere along the alignment. Also, no frozen material should be used as fill, nor should any fill be placed on a frozen subgrade. Construction excavations should not be left open longer than necessary. As soon as a section of the pipe is completed and tested, it should be properly backfilled to final grade.

7.0 FIELD MONITORING

The evaluations and recommendations presented in this report relative to Edgewood Street sewer line replacement have been formulated on the basis of the information, some of which may be preliminary and approximate, provided to us and/or the assumptions stated herein relating to the proposed project. Our understanding of this data has been outlined in the pertinent sections of this report. Any significant changes in this information should be brought to our attention for review with respect to the prevailing subsurface conditions.

We recommend that a geotechnical engineer be retained to provide soil engineering services during design and for review of the contractor's proposed construction methods and sequencing of construction. Professional geotechnical engineering services should also be provided during underground construction activities to observe compliance with design requirements, specifications, and general geotechnical recommendations. Also, field monitoring allows design changes to be made in a timely manner in the event that subsurface conditions differ from those anticipated prior to the start of construction.

8.0 LIMITATIONS

This Geotechnical Report is intended to provide a summary of our observations during this phase of subsurface fieldwork for the Sewer line replacement project. This report is intended to be used as a tool during design and the construction phase. No additional chemical, hydrogeological, or environmental analyses beyond those discussed herein were included in the scope of this investigation.



The report is intended for the exclusive use of City of Livonia, its design consultant, and the selected Contractor for the Replacement Sewer line along Edgewood Street, located in Livonia, Michigan. This report presents NTH's opinion as of this date, based on the results of the study described herein and, on the information, provided during the course of the study. The results of this study may not be relied upon by parties or for purposes other than those identified above without the prior knowledge and written consent of NTH.

Our work was performed in accordance with the prevailing standard of practice in this area at the time the work was performed. No other warranty, expressed or implied, is provided or intended. The scope of the present investigation was limited to subsurface conditions for the proposed sewer force main alignment.

APPENDIX



Soil Boring Location Plan & Soil
Profile, 1A & 1B;

NTH General Notes, 2;

Logs of Test Boring, 3-12;

Tabulation of Laboratory Test Data, 13A-C;

Grain Size Distribution Curves, 14-47

[illegible]

PROJECT NAME:

EDGEWOOD SEWER REPAIR

PROJECT LOCATION:

LIVONIA, MICHIGAN

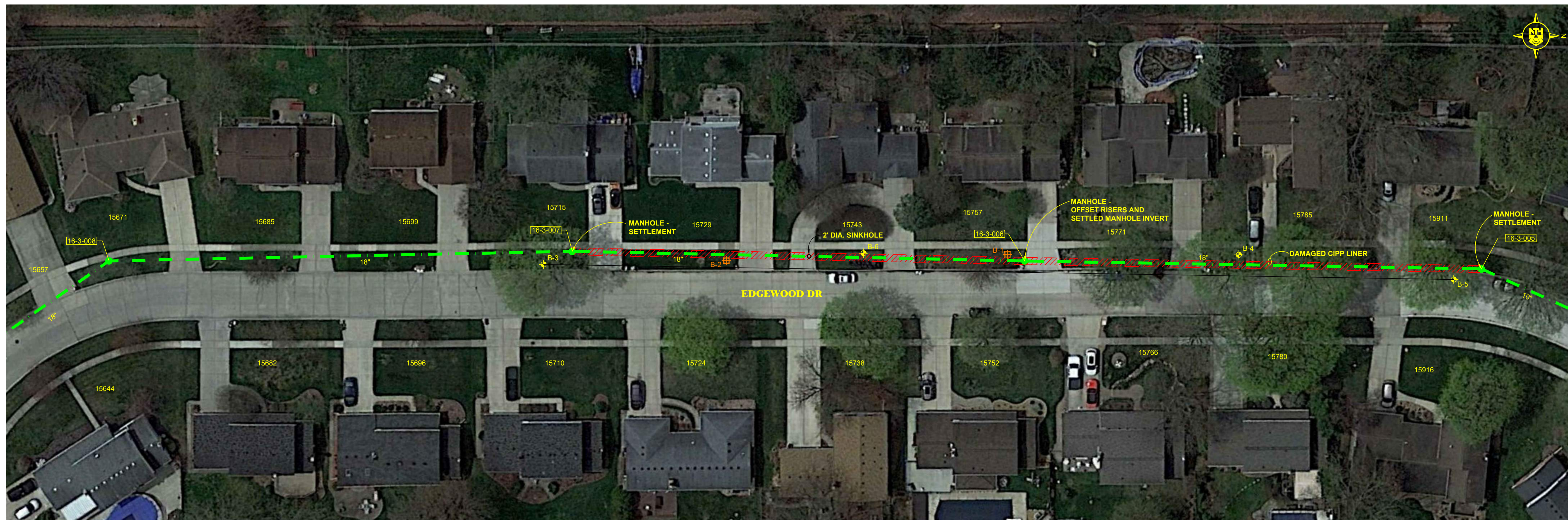
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DESIGNED BY: LAD	INCEP DATE: 16-Sep-20
DRAWN BY: DET	DRAWING SCALE: AS NOTED
CHECKED BY: JRE	PLOT DATE: 29-Sep-20

SHEET TITLE:

SOIL BORING LOCATION PLAN & SOIL PROFILE

SHEET REFERENCE NUMBER:

SHEET OF **1A**



SITE PLAN
SCALE: 1" = 30'

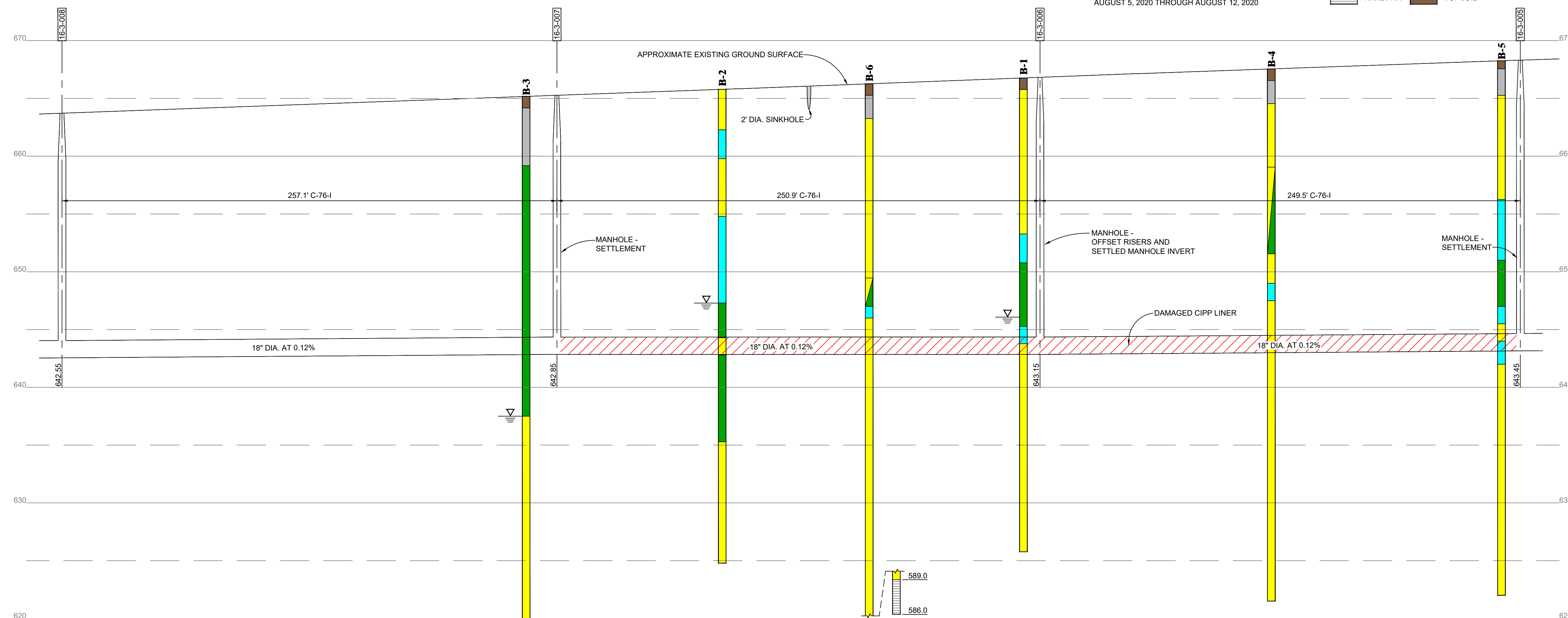
SCALE: 1" = 30'

LEGEND

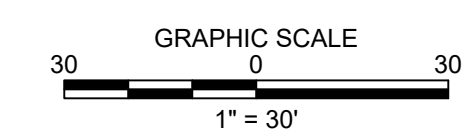
-  SOIL BORING DRILLED BY DLZ AMERICAN DRILLING, INC.
ON JULY 22 & 23, 2020
-  SOIL BORING DRILLED BY DLZ AMERICAN DRILLING, INC.
UNDER THE OBSERVATION OF NTH CONSULTANTS, LTD.
AUGUST 5, 2020 THROUGH AUGUST 12, 2020

SOILS KEY

- | | | | |
|---|---------|---|---------|
|  | CLAY |  | SAND |
|  | FILL |  | SILT |
|  | HARDPAN |  | TOPSOIL |



PROFILE
SCALE: 1" = 30' HORIZONTAL
1" = 5' VERTICAL



[illegible]

PROJECT NAME:

EDGEWOOD SEWER REPAIR

PROJECT LOCATION:

LIVONIA, MICHIGAN

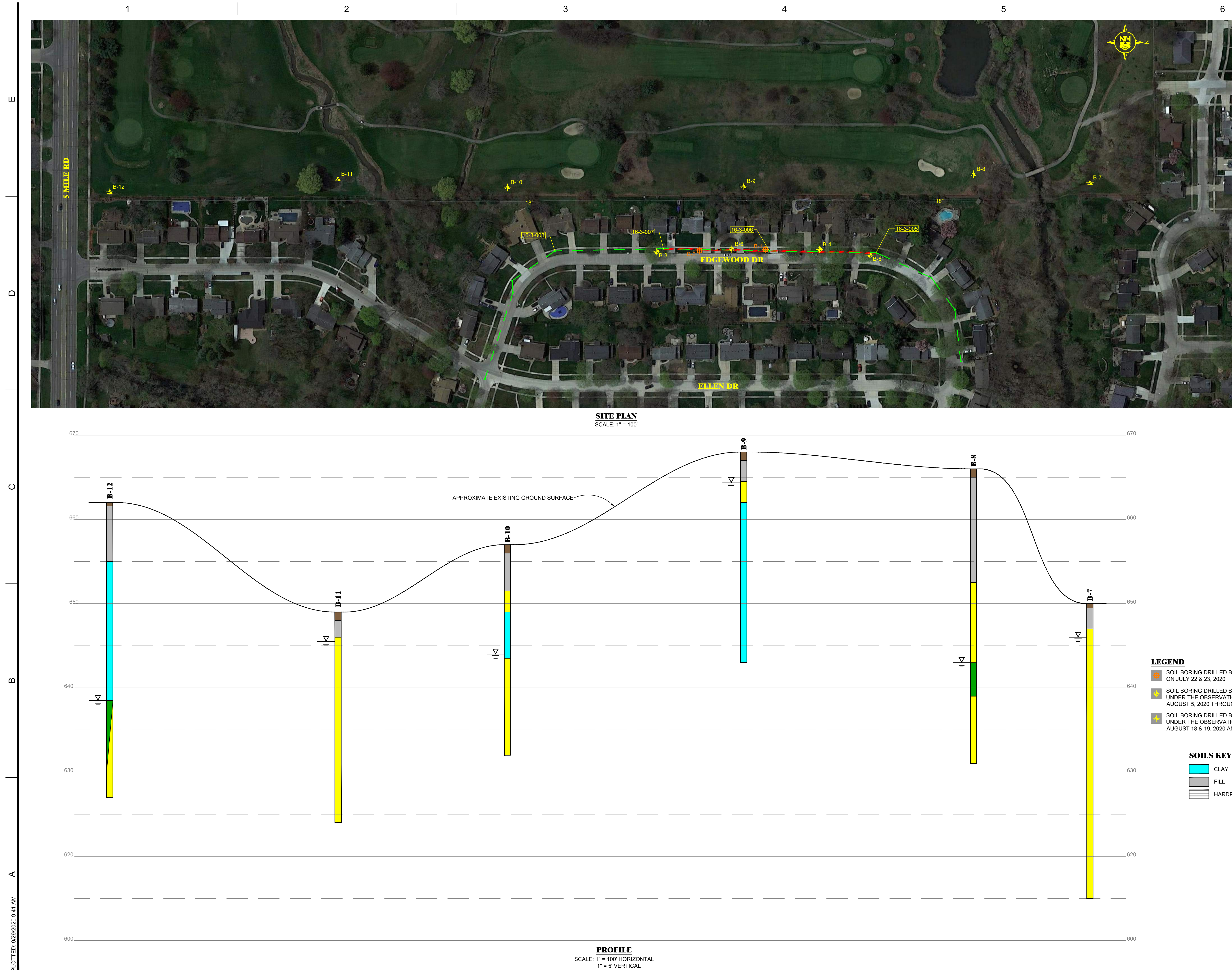
NTH PROJECT NO.: 61-200330	CAD FILE NAME: D20033002
DESIGNED BY: LAD	INCEP DATE: 16-Sep-20
DRAWN BY: DET	DRAWING SCALE: AS NOTED
CHECKED BY: JRE	PLOT DATE: 29-Sep-20

SHEET TITLE:

SOIL BORING LOCATION PLAN & SOIL PROFILE

SHEET REFERENCE NUMBER:

SHEET 1B OF



NTH Consultants, Ltd.

A Neyer, Tiseo & Hindo Company

GENERAL NOTES

TERMINOLOGY

Unless otherwise noted, all terms utilized herein refer to the Standard Definitions presented in ASTM D 653.

PARTICLE SIZES

Boulders	- Greater than 12 inches (305mm)
Cobbles	- 3 inches (76.2mm) to 12 inches (305mm)
Gravel - Coarse	- 3/4 inches (19.05 mm) to 3 inches (76.2mm)
Fine	- No. 4 - 3/16 inches (4.75mm) to 3/4 inches (19.05 mm)
Sand - Coarse	- No. 10 (2.00mm) to No. 4 (4.75mm)
Medium	- No. 40 (0.425mm) to No. 10 (2.00mm)
Fine	- No. 200 (0.074mm) to No. 40 (0.425mm)
Silt	- 0.005mm to 0.074mm
Clay	- Less than 0.005mm

CLASSIFICATION

The major soil constituent is the principal noun, i.e., clay, silt, sand, gravel. The second major soil constituent and other minor constituents are reported as follows:

Second Major Constituent (percent by weight)	Minor Constituents (percent by weight)
Trace - 1 to 12%	Trace - 1 to 12%
Adjective - 12 to 35% (clayey, silty, etc.)	Little - 12 to 23%
And - Over 35%	Some - 23 to 33%

COHESIVE SOILS

If clay content is sufficient so that clay dominates soil properties, clay becomes the principal noun with the other major soil constituent as modified; i.e., silty clay. Other minor soil constituents may be included in accordance with the classification breakdown for cohesionless soils; i.e., silty clay, trace of sand, little gravel.

<u>Consistency</u>	<u>Unconfined Compressive Strength (psf)</u>	<u>Approximate Range of (N)</u>
Very Soft	Below 500	0 - 2
Soft	500 - 1000	3 - 4
Medium	1000 - 2000	5 - 8
Stiff	2000 - 4000	9 - 15
Very Stiff	4000 - 8000	16 - 30
Hard	8000 - 16000	31 - 50
Very Hard	Over 16000	Over 50

Consistency of cohesive soils is based upon an evaluation of the observed resistance to deformation under load and not upon the Standard Penetration Resistance (N).

COHESIONLESS SOILS

<u>Density Classification</u>	<u>Relative Density %</u>	<u>Approximate Range of (N)</u>
Very Loose	0 - 15	0 - 4
Loose	16 - 35	5 - 10
Medium Compact	36 - 65	11 - 30
Compact	66 - 85	31 - 50
Very Compact	86 - 100	Over 50

Relative density of cohesionless soils is based upon the evaluation of the Standard Penetration Resistance (N), modified as required for depth effects, sampling effects, etc.

SAMPLE DESIGNATIONS

AS - Auger Sample - directly from auger flight
BS - Miscellaneous Sample - bottle or bag
S - Split Spoon Sample - ASTM D 1586
LS - Split Spoon Sample S with Liner Insert 3 inches in length
ST - Shelby Tube Sample - 3 inch diameter unless otherwise noted
PS - Piston Sample - 3 inch diameter unless otherwise noted
RC - Rock Core - NX core unless otherwise noted
CS - Continuous Sample - from rock core barrel or continuous sampling device
VS - Vane Shear

STANDARD PENETRATION TEST (ASTM D 1586) - A 2.0" outside-diameter, 1-3/8" inside-diameter, split barrel sampler is driven into undisturbed soil by means of a 140-pound weight falling freely through a vertical distance of 30 inches. The sampler is normally driven three successive 6-inch increments. The total number of blows required for the final 12 inches of penetration is the Standard Penetration Resistance (N).

LOG OF TEST BORING NO: B-3

Project Name: Edgewood Street Sinkhole
Project Location: Livonia, MI



NTH Consultants, Ltd.

NTH Proj. No.: 61-200330-01

Checked By: L. Al-Durzi

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 665.0	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
665													
		664.0	TOPSOIL: Dark Brown SILTY CLAY	1.0		HA-1	-						
			FILL: Brown SILTY CLAY with Trace Sand and Gravel			HA-2	-						
660		659.0		6.0		LS-3	2 4 4	8	10				
			Very Loose to Loose Brown Fine to Medium SANDY SILT with Trace Clay Gravel			S-4	1 2 2	4	13				
655						LS-5	2 3 3	6	8		15.9	99	
		650.0		15.0	15	S-6	2 1 2	3	13				
650			Very Loose Brown CLAYEY SILT with Little Sand			LS-7	1 1 2	3	10		19.9	106.2	
		645.5		19.5	20	S-8	2 5 11	16	6				
645			Medium Compact to Compact Gray SANDY SILT with Trace Clay			S-9	4 11 15	26	12.5		20.4		
		642.0		23.0		LS-10	8 17 27	44	17		17.1	114.8	
						LS-11	9 18 20	38	18				
640				25									

Total Depth: 45 FT
Drilling Start Date: 8/5/20
Drilling End Date: 8/5/20
Inspector: P. Herout
Contractor: DLZ-American Drilling Company
Driller: V. Dearing
Drilling Method: CME-55 Truck Mounted Drill Rig with 4-1/4" ID HSA to EOB

Water Level Observation:

Groundwater encountered at 27.5 ft during drilling; No groundwater was recorded upon completion due to adding water to prevent heaving of the granular soils

Notes:

Plugging Procedure:
Installed Open Standpipe

Approximate GPS Coordinates:
N: 42.400783 E: -83.391345

Figure No. 3

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE.GDT 9/28/20

LOG OF TEST BORING NO: B-3

Project Name: Edgewood Street Sinkhole

Project Location: Livonia, MI



NTH Consultants, Ltd.

NTH Proj. No.: 61-200330-01

Checked By: L. Al-Durzi

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 665.0	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
640													
			Compact to Very Compact SILT with Trace Sand and Clay			S-12	6 18 29	47	16				
		637.5		27.5		LS-13	8 22 35	57	18		19.4	119.1	
			Medium Compact Gray SAND with Trace Clay and Silt			S-14	2 5 13	18	18				
635		634.5		30.5	30	LS-15	1 6 18	24	18				
						LS-16	25 28 27	55	18		19.5	108.7	
						LS-17	33 22 30	52	18				
630					35	S-18	9 23 28	51	16				
						LS-19	20 29 26	55	18				
			Very Compact SAND with Trace Clay and Silt			S-20	15 25 27	52	18				
625					40	LS-21	12 25 30	55	14		17.5	113.4	
						S-22	18 22 25	47	18				
620		620.0		45.0	45	LS-23	20 25 25	50	18		15.4	117.3	
			END OF BORING AT 45.0 FEET.										
615													
610													

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE.GDT 9/28/20

LOG OF TEST BORING NO: B-4

Project Name: Edgewood Street Sinkhole

Project Location: Livonia, MI



NTH Consultants, Ltd.

NTH Proj. No.: 61-200330-01

Checked By: L. Al-Durzi

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 666.5	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
665		665.5	TOPSOIL: Dark Brown SANDY CLAY	1.0									
		663.5	FILL: Very Stiff Brown SANDY CLAY with Trace Gravel	3.0		S-1	7 10 11	21	10				
					5	S-2	2 3 4	7	6				
660			Very Loose to Loose Brown SILTY SAND with Trace Clay and Gravel			S-3	1 2 2	4	8				
		658.0		8.5									
					10	LS-4	1 1 2	3	10		19.4	96.7	
655			Very Loose to Loose Brown SAND and SILT with Trace Clay, Gravel			S-5	1 2 3	5	12				
					15	LS-6	1 2 3	5	14		17.8	100.7	
		650.5		16.0									
650		649.0	Loose Gray SILTY SAND with Little to Trace Clay and Gravel	17.5		S-7	1 2 4	6	13				
		647.5	Stiff to Very Stiff Gray SILTY CLAY with Trace Sand and Gravel	19.0									
		646.5	Loose Tan SILTY SAND	20.0	20	LS-8	1 2 6	8	11				*6500
645			Medium Compact Brown and Gray SAND with Trace Silt and Occasional Silty Clay Seams			S-9	2 4 7	11	14				
						LS-10	5 6 9	15	12		5	101.7	
		642.5		24.0		S-11	9 14 14	28	12				
					25								

Total Depth: 45 FT
Drilling Start Date: 8/6/20
Drilling End Date: 8/6/20
Inspector: P. Herout
Contractor: DLZ-American Drilling Company
Driller: V. Dearing
Drilling Method:
 CME-55 Truck Mounted Drill Rig with 4-1/4" ID HSA to 21.5 ft then switched to Wash Rotary to EOB

Plugging Procedure:
 Installed Open Standpipe

Water Level Observation:

No groundwater was encountered during drilling. Due to the introduction of drilling fluid at 21.5 ft, no meaningful groundwater information was collected below this depth

Notes:

- * = Pocket Penetrometer
- Borehole caved in to 35' upon completion

Approximate GPS Coordinates:
 N: 42.401787 E: -83.39137

Figure No. 4

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE GDT 9/28/20

LOG OF TEST BORING NO: B-5

Project Name: Edgewood Street Sinkhole

Project Location: Livonia, MI



NTH Consultants, Ltd.

NTH Proj. No.: 61-200330-01

Checked By: L. Al-Durzi

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 667.0	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
		666.3	TOPSOIL: Brown SANDY CLAY	0.7									
665			FILL: Stiff Brown SANDY CLAY with Trace Silt			LS-1	4 5 7	12	14				
		664.0		3.0									
			Loose Brown SILTY SAND with Some Clay Lenses		5	S-2	1 2 2	4	18				
660													
		659.0		8.0		LS-3	1 2 3	5	5		10.4		
			Very Loose to Loose Brown SAND with Trace Gravel and Frequent Clay Layers		10	S-4	WOH 1 2	3	18				
655		655.0		12.0		LS-5	1 2 2	4	18		16.1	114.5	*500
			Soft to Medium Brown SILTY CLAY with Trace Gravel and Occasional Sand Partings		15	S-6	1 1 2	3	18				*1000
650		651.0		16.0									
			Very Loose Brown SANDY SILT with Occasional Silty Clay Partings			LS-7	1 2 2	4	6				
		647.0		20.0	20	S-8	1 2 1	3	14		23.9		
			Soft Brown SANDY CLAY with Gravel										
645		645.5		21.5		LS-9	2 2 2	4	6				*500
			Loose Brown SILTY SAND with Occasional Silty Clay Seams			S-10	1 1 2	3	18				
		644.0		23.0									
			Soft Brown SILTY CLAY with Trace Sand			LS-11	1 WOH 1	1	2				
		642.0		25.0	25								

Total Depth: 45 FT
Drilling Start Date: 8/11/20
Drilling End Date: 8/11/20
Inspector: P. Janaki
Contractor: DLZ-American Drilling Company
Driller: V. Dearing
Drilling Method:
 CME-55 Truck Mounted Drill Rig with 4-1/4" ID HSA to 20 ft then switched to Wash Rotary to EOB

Plugging Procedure:
 Installed Open Standpipe

Water Level Observation:

No groundwater was encountered during drilling. Due to the introduction of drilling fluid at 20 ft, no meaningful groundwater information was collected below this depth

Notes:

* = Pocket Penetrometer
 WOH = Weight of Hammer

Approximate GPS Coordinates:
 N: 42.402151 E: -83.391369

Figure No. 5

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE GDT 9/28/20

LOG OF TEST BORING NO: B-5



NTH Consultants, Ltd.

NTH Proj. No.: 61-200330-01

Checked By: L. Al-Durzi

Project Name: Edgewood Street Sinkhole

Project Location: Livonia, MI

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 667.0	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
640			Medium Compact Gray SAND with Trace Clay and Silt			S-12	2 4 8	12	14				
		639.0		28.0		LS-13	7 12 13	25	12		19.2	109.8	
						S-14	13 17 17	34	18				
					30	LS-15	12 13 20	33	12				
635						S-16	13 20 35	55	18				
			Compact to Very Compact Gray SAND with Trace Silt			LS-17	17 35 54	89	18				
					35	S-18	7 22 45	67	18				
630						LS-19	19 20 20	40	18				
		628.5		38.5		S-20	10 16 18	34	18				
		627.0	Medium Compact Gray SAND with Trace Silt	40.0	40	LS-21	14 15 14	29	18		20.6		
625						S-22	16 35 52	87	18				
			Compact to Very Compact Gray SAND with Trace Silt										
		622.0		45.0	45	LS-23	19 18 22	40	18				
			END OF BORING AT 45.0 FEET.										
620													
615													

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE GDT 9/28/20

LOG OF TEST BORING NO: B-6

Project Name: Edgewood Street Sinkhole
Project Location: Livonia, MI



NTH Consultants, Ltd.

NTH Proj. No.: 61-200330-01

Checked By: L. Al-Durzi

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 666.0	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
665		665.0	TOPSOIL: Dark Brown SILTY SAND	1.0									
		663.0	FILL: Medium Compact Brown SILTY SAND and Gravel with Trace Clay	3.0		S-1	3 7 8	15	17				
					5	LS-2	1 3 3	6	12				
660						S-3	2 2 2	4	18				
			Very Loose to Loose Brown SILTY SAND with Trace Gravel and Clay		10	LS-4	1 2 2	4	18		7.1	104.8	
655						S-5	1 1 1	2	17				
					15	LS-6	1 1 2	3	8				
650		649.2		16.8		S-7	1 2 3	5	18		20.1		
		647.0	Loose Dark Brown SAND and SILT with Trace Clay and Gravel	19.0									
		646.0	Very Stiff Gray SILTY CLAY with Trace Sand and Gravel	20.0	20	LS-8	1 2 4	6	15				
645			Medium Compact Gray SAND with Trace Silt			S-9	2 4 9	13	11				
		644.0		22.0		LS-10	4 13 13	26	17		10.5	107.6	
			Medium Compact Gray SILTY SAND with Occasional Gray Silty Clay Seams			S-11	1 9 14	23	11				
		641.0		25.0	25								

Total Depth: 80 FT
Drilling Start Date: 8/12/20
Drilling End Date: 8/12/20
Inspector: P. Herout
Contractor: DLZ-American Drilling Company
Driller: V. Dearing
Drilling Method:
CME-55 Truck Mounted Drill Rig with 4-1/4" ID HSA to 20 ft then switched to 3-7/8" OD Wash Rotary to EOB

Plugging Procedure:
Backfilled with soil cuttings.

Water Level Observation:

No groundwater was encountered during drilling. Due to the introduction of drilling fluid at 20 ft, no meaningful groundwater information was collected below this depth

Notes:

Approximate GPS Coordinates:
N: 42.401207 E: -83.391356

Figure No. 6

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE GDT 9/28/20

LOG OF TEST BORING NO: B-6

Project Name: Edgewood Street Sinkhole

Project Location: Livonia, MI



NTH Consultants, Ltd.

NTH Proj. No.: 61-200330-01

Checked By: L. Al-Durzi

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 666.0	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
		608.5		57.5									
			Very Compact Gray SAND with Trace Silt and Gravel		60	LS-26	14 25 30	55	12				
605		604.0		62.0									
			Medium Compact to Compact Gray SAND with Trace Silt		65	S-27	13 13 17	30	18		21		
600													
			Medium Compact to Compact Gray SAND with Trace Silt		70	LS-28	14 14 17	31	10				
595		594.0		72.0									
			Very Compact Gray SAND with Trace Silt and Gravel		75	S-29	20 28 24	52	0				
590		589.0		77.0									
			HARDPAN: Very Compact GLACIAL TILL										
		586.0		80.0	80	LS-30	48 50/4"	50/4"	10				
585			END OF BORING AT 80.0 FEET.										
580													

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE.GDT 9/28/20

LOG OF TEST BORING NO: B-7



NTH Consultants, Ltd.

NTH Proj. No.: 61-200330-01

Checked By: L. Al-Durzi

Project Name: Edgewood Street Sinkhole

Project Location: Livonia, MI

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 650.0	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
650		649.5	TOPSOIL: Brown Silty Sand with Trace Organics	0.5									
		647.0	FILL: Very Stiff Dark Brown SILTY CLAY with Trace Sand, Gravel and Organics	3.0		LS-1	3 4 4	8	4				
645		644.5	Loose Brown SILTY SAND	5.5	5	LS-2	1 2 3	5	17				
			Loose to Medium Compact Gray SILTY SAND with Trace Clay			LS-3	3 7 12	19	18				
640					10	LS-4	2 2 5	7	18		20.6	109.2	
		638.0		12.0									
635			Very Loose Gray SILTY SAND		15	LS-5	1 1 2	3	18				
		633.0		17.0									
630			Medium Compact to Compact Gray SAND with Trace Silt and Clay		20	LS-6	5 12 19	31	18		19.5	109	
625		625.0			25	LS-7	7 8 9	17	15				

Total Depth: 35 FT
Drilling Start Date: 8/18/20
Drilling End Date: 8/18/20
Inspector: D. Nymberg
Contractor: DLZ-American Drilling Company
Driller: V. Dearing
Drilling Method:
 CME-55 Truck Mounted Drill Rig with 4-1/4" ID HSA to 15.0'
 then switched to 3-7/8" OD Wash Rotary to EOB

Plugging Procedure:
 Installed Open Standpipe

Water Level Observation:

Groundwater was encountered at 4 ft during drilling. Due to the introduction of drilling fluid at 15 ft, no meaningful groundwater information was collected below this depth

Notes:

Approximate GPS Coordinates:
 N: 42.4035608 E: -83.3920277

Figure No. 7

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE GDT 9/28/20

LOG OF TEST BORING NO: B-7

Project Name: Edgewood Street Sinkhole
Project Location: Livonia, MI



NTH Consultants, Ltd.

NTH Proj. No.: 61-200330-01

Checked By: L. Al-Durzi

SUBSURFACE PROFILE						SOIL SAMPLE DATA							
ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 650.0	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
625													
			Medium Compact to Compact Gray SAND with Trace Silt and Clay										
620				30	LS-8	5 10 12	22	14					
615		615.0		35.0	35	LS-9	12 20 14	34	14		17.2	110	
		END OF BORING AT 35.0 FEET.											
610													
605													
600													
595													

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE.GDT 9/28/20

LOG OF TEST BORING NO: B-8



NTH Consultants, Ltd.

Project Name: Edgewood Street Sinkhole

NTH Proj. No.: 61-200330-01

Project Location: Livonia, MI

Checked By: L. Al-Durzi

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 666.0	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
665		665.0	TOPSOIL: Brown SILTY SAND with Trace Organics	1.0									
		663.0	FILL: Loose Mottled Brown SAND with Trace Gravel and Organics	3.0		S-1	3 4 6	10	18				
		660.5	FILL: Medium Compact Mottled Brown CLAYEY SILT with Trace Sand and Gravel	5.5	5	S-2	4 7 10	17	18		16.2		
660							4 6 8	14	18		17.5		
			POSSIBLE FILL: Hard Brown SILTY CLAY with Trace Sand, Gravel, and Organics	10	10	S-4	4 8 10	18	18				
655		652.5		13.5									
			Loose Brown SILTY SAND	15	15	S-5	2 3 3	6	18		11.4		
650		649.0		17.0									
			Compact Brown SAND	20	20	S-6	2 10 22	32	18				
645		643.0		23.0									
		641.0	Medium Compact Gray SANDY SILT, Trace Gravel	25	25	S-7	3 6 11	17	18		15.9		

Total Depth: 35 FT
Drilling Start Date: 9/21/20
Drilling End Date: 9/21/20
Inspector: D. Nymberg
Contractor: DLZ-American Drilling Company
Driller: Z. Beahr
Drilling Method: CME-55 All-terrain Mounted Drill Rig with 4-1/4" ID HSA to EOB

Plugging Procedure:
 Backfilled with soil cuttings.

Water Level Observation:
 Groundwater encountered at 23 ft during drilling; No Groundwater was recorded upon completion due to adding water to prevent heaving of the granular soils

Notes:

Approximate GPS Coordinates:
 N: 42.4027834 E: -83.3920924

Figure No. 8

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE GDT 9/28/20

LOG OF TEST BORING NO: B-8

Project Name: Edgewood Street Sinkhole

Project Location: Livonia, MI



NTH Consultants, Ltd.

NTH Proj. No.: 61-200330-01

Checked By: L. Al-Durzi

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 666.0	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
640			Medium Compact Gray SANDY SILT, Trace Gravel										
		639.0		27.0									
					30	S-8	8 31 50	81	18				
635			Compact to Very Compact Gray SAND, Trace Silt										
		631.0		35.0	35	S-9	5 13 28	41	18		23.9		
			END OF BORING AT 35.0 FEET.										
630													
625													
620													
615													
610													

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE.GDT 9/28/20

LOG OF TEST BORING NO: B-9



NTH Consultants, Ltd.

NTH Proj. No.: 61-200330-01

Checked By: L. Al-Durzi

Project Name: Edgewood Street Sinkhole

Project Location: Livonia, MI

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 668.0	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
		667.0	TOPSOIL: Brown SILTY SAND with Trace Gravel and Organics	1.0									
665		664.5	FILL: Medium Compact Tan SAND, Dry	3.5		S-1	2 4 8	12	18				
		662.0	Medium Compact Gray SILTY SAND	6.0	5	S-2	4 11 14	25	16				
660						S-3	2 5 9	14	18		16.1	119.3	11440
					10	S-4	3 6 8	14	18				* > 9000
655													
					15	S-5	2 5 8	13	18		13.5	127.7	4560
650			Hard to Very Stiff Gray SILTY CLAY with Trace Sand and Gravel										
					20	S-6	3 6 14	20	18				* > 9000
645													
		643.0		25.0	25	S-7	6 12 15	27	18		15.9	119.3	12220

END OF BORING AT 25.0 FEET.

Total Depth: 25 FT
Drilling Start Date: 9/21/20
Drilling End Date: 9/21/20
Inspector: D. Nymberg
Contractor: DLZ-American Drilling Company
Driller: Z. Beahr
Drilling Method: CME-55 All-terrain Mounted Drill Rig with 4-1/4" ID HSA to EOB

Plugging Procedure:
Backfilled with soil cuttings.

Water Level Observation:

Groundwater encountered at 3.5 ft during drilling; No groundwater was encountered upon completion

Notes:

* = Pocket Penetrometer

Approximate GPS Coordinates:
N: 42.4013388 E: -83.3919214

Figure No. 9

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE GDT 9/28/20

LOG OF TEST BORING NO: B-10

Project Name: Edgewood Street Sinkhole

Project Location: Livonia, MI



NTH Consultants, Ltd.

NTH Proj. No.: 61-200330-01

Checked By: L. Al-Durzi

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 657.0	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
		656.0	TOPSOIL: Brown SILTY SAND with Trace Organics and Gravel	1.0									
655						S-1	4 7 13	20	16				
		651.5	POSSIBLE FILL: Hard Brown SILTY CLAY with Trace Sand and Gravel	5.5	5	S-2	7 17 23	40	18				
650		649.0	Medium Compact Grayish Brown SILTY SAND	8.0		S-3	5 10 15	25	18		15.9		
					10	S-4	4 7 13	20	18		15.7	118.2	11560
645		643.5	Hard Grayish Brown SILTY CLAY with Trace Sand and Gravel	13.5									
					15	S-5	6 17 22	39	16				
640			Compact Gray SAND with Trace Silt		20	S-6	3 11 21	32	12		21.7		
635		635.0	Loose Gray SILTY SAND	22.0									
		632.0		25.0	25	S-7	3 4 5	9	4				

END OF BORING AT 25.0 FEET.

Total Depth: 25 FT
Drilling Start Date: 9/22/20
Drilling End Date: 9/22/20
Inspector: D. Nymberg
Contractor: DLZ-American Drilling Company
Driller: Z. Beahr
Drilling Method: CME-55 All-terrain Mounted Drill Rig with 4-1/4" ID HSA to EOB

Plugging Procedure:
 Installed Open Standpipe

Water Level Observation:

Groundwater encountered at 13 ft during drilling; No groundwater was encountered upon completion

Notes:

Approximate GPS Coordinates:
 N: 42.3998233 E: -83.3918792

Figure No. 10

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE GDT 9/28/20

LOG OF TEST BORING NO: B-11

Project Name: Edgewood Street Sinkhole

Project Location: Livonia, MI



NTH Consultants, Ltd.

NTH Proj. No.: 61-200330-01

Checked By: L. Al-Durzi

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 649.0	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
		648.0	TOPSOIL: Brown SILTY SAND with Trace Gravel and Organics	1.0									
		646.0	FILL: Very Soft Grayish Brown SILTY CLAY with Trace Gravel and Organics	3.0		S-1	2 2 1	3	9				
645					5	S-2	7 11 18	29	18				
			Medium Compact to Compact Gray SILTY SAND with Occasional SANDY SILT Lenses			S-3	8 19 21	40	18				
640					10	S-4	4 15 22	37	18		24.4		
		637.0		12.0									
635			Very Compact Gray SILTY SAND		15	S-5	10 20 31	51	18				
		632.5		16.5									
630			Medium Compact Gray SAND with Trace Silt		20	S-6	3 4 13	17	18		22.9		
		627.0		22.0									
625			Very Compact Gray SILTY SAND										
		624.0		25.0	25	S-7	9 20 37	57	18				

END OF BORING AT 25.0 FEET.

Total Depth: 25 FT
Drilling Start Date: 9/22/20
Drilling End Date: 9/22/20
Inspector: D. Nymberg
Contractor: DLZ-American Drilling Company
Driller: Z. Beahr
Drilling Method: CME-55 All-terrain Mounted Drill Rig with 4-1/4" ID HSA to EOB

Water Level Observation:

Groundwater encountered at 3.5 ft during drilling; No Groundwater was recorded upon completion due to adding water to prevent heaving of the granular soils

Notes:

Plugging Procedure:
Backfilled with soil cuttings.

Approximate GPS Coordinates:
N: 42.3987354 E: -83.3918199

Figure No. 11

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE GDT 9/28/20

LOG OF TEST BORING NO: B-12

Project Name: Edgewood Street Sinkhole

Project Location: Livonia, MI



NTH Consultants, Ltd.

NTH Proj. No.: 61-200330-01

Checked By: L. Al-Durzi

SUBSURFACE PROFILE

SOIL SAMPLE DATA

ELEV. (FT)	PRO- FILE	ELEV	GROUND SURFACE ELEVATION: 662.0	DEPTH	DEPTH (FT)	SAMPLE TYPE/NO.	BLOWS/ 6-INCHES	STD. PEN RESIST. (N)	REC (in)	FIELD TEST (ppm)	MOIST. CONTENT (%)	DRY DENSITY (PCF)	UNCONF. COMP ST (PSF)
		661.6	TOPSOIL: Brown SANDY SILT with Trace Organics	0.4									
660			FILL: Loose Brown SANDY SILT with Trace Clay and Roots			LS-1	5 5 4	9	4				
		658.0		4.0									
			FILL: Medium Compact Light Brown SILTY SAND		5	LS-2	2 6 10	16	18				
655		655.0		7.0									
						LS-3	3 7 6	13	16				*4500
					10	LS-4	2 3 8	11	10		20.1	111.3	4660
650													
			Very Stiff Gray SILTY CLAY with Trace Sand and Gravel		15	LS-5	2 4 6	10	18				*6000
645													
					20	LS-6	2 3 5	8	18		17.4	116.9	*5500
640													
		638.5		23.5									
					25	LS-7	1 11 21	32	18				

Total Depth: 35 FT
Drilling Start Date: 8/19/20
Drilling End Date: 8/19/20
Inspector: D. Nymberg
Contractor: DLZ-American Drilling Company
Driller: V. Dearing
Drilling Method: CME-55 Truck Mounted Drill Rig with 4-1/4" ID HSA to EOB

Plugging Procedure:
 Installed Open Standpipe

Water Level Observation:

Groundwater encountered at 23.5 ft during drilling; Groundwater encountered at 25.5 ft prior to taking last sample; No groundwater was recorded upon completion due to adding water before last sample to prevent heaving of the granular soils

Notes:

* = Pocket Penetrometer
 WOH = Weight of Hammer

Approximate GPS Coordinates:
 N: 42.3972919 E: -83.3917344

Figure No. 12

LOG OF TEST BORING 61-200330-01.GPJ NTH CORPORATE GDT 9/28/20

Project No.		61-200330-01		NTH Consultants, Ltd.											Edgewood Street Sinkhole Livonia, MI					
TABULATION OF LABORATORY TEST DATA																				
Boring / Test Pit / Probe Designation	Sample Number	Depth of Sample Tip (ft)	Elevation of Sample Tip (ft)	Unconfined Compressive Strength (psf)	Failure Strain (%)	Natural Water Content (% of dry weight)	In-Place Dry Density (lbs/cu.ft)	PERMEABILITY (CM/SEC)	PARTICLE SIZE DISTRIBUTION (%)						ATTERBERG LIMITS (%)			Optimum Moisture content (%)	Proctor (Maximum Dry Density- lb/ft³)	Unified Soil Classification
									Colloids	Silt and Clay	Fine Sand	Medium Sand	Coarse Sand	Gravel	Liquid Limit	Plastic Limit	Plasticity Index			
B-3	LS-5	12.5	652.5	-	-	15.9	99.0	-	-	64.5	32.6	1.8	0.4	-	-	-	-	-	-	-
B-3	LS-7	17.5	647.5	-	-	19.9	106.2	-	-	82.8	15.2	1.2	0.3	-	-	-	-	-	-	-
B-3	S-9	21.5	643.5	-	-	20.4	-	-	-	67.3	32.7	0.0	-	-	-	-	-	-	-	-
B-3	LS-10	23.0	642.0	-	-	17.1	114.8	-	-	59.7	40.3	0.0	-	-	-	-	-	-	-	-
B-3	LS-13	27.5	637.5	-	-	19.4	119.1	-	-	98.2	1.8	0.0	-	-	-	-	-	-	-	-
B-3	LS-16	32.0	633.0	-	-	19.5	108.7	-	-	11.1	84.5	4.4	-	-	-	-	-	-	-	-
B-3	LS-21	39.5	625.5	-	-	17.5	113.4	-	-	10.5	85.2	4.2	-	-	-	-	-	-	-	-
B-3	LS-23	45.0	620.0	-	-	15.4	117.3	-	-	10.7	66.6	22.2	-	-	-	-	-	-	-	-
B-4	LS-4	10.0	656.5	-	-	19.4	96.7	-	-	54.4	44.5	0.9	0.1	-	-	-	-	-	-	-
B-4	LS-6	15.0	651.5	-	-	17.8	100.7	-	-	45.8	52.3	1.3	0.2	-	-	-	-	-	-	-
B-4	LS-10	23.0	643.5	-	-	5.0	101.7	-	-	10.7	88.2	1.1	0	-	-	-	-	-	-	-
B-4	LS-14	29.0	637.5	-	-	18.7	110.6	-	-	6.3	84.2	8.9	0.2	-	-	-	-	-	-	-
B-4	LS-18	35.0	631.5	-	-	16.7	114.4	-	-	10.2	88.2	1.5	0	-	-	-	-	-	-	-
B-4	LS-22	41.0	625.5	-	-	14.9	116.0	-	-	12.7	66.9	19.6	0.6	-	-	-	-	-	-	-
B-5	LS-3	7.5	659.5	-	-	10.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-5	LS-5	12.5	654.5	-	-	16.1	114.5	-	-	-	-	-	-	-	-	-	-	-	-	-
B-5	S-8	20.0	647.0	-	-	23.9	-	-	-	68.3	28.2	2.5	0.5	-	-	-	-	-	-	-
B-5	LS-13	27.5	639.5	-	-	19.2	109.8	-	-	7.2	89.3	3.5	-	-	-	-	-	-	-	-
B-5	LS-21	39.5	627.5	-	-	20.6	-	-	-	5.5	92.9	1.6	-	-	-	-	-	-	-	-
B-6	LS-4	10.0	656.0	-	-	7.1	104.8	-	-	12.2	67.3	13.5	3.7	-	-	-	-	-	-	-
B-6	S-7	17.5	648.5	-	-	20.1	-	-	-	49.9	35.9	5.7	1.7	-	-	-	-	-	-	-
B-6	LS-10	23.0	643.0	-	-	10.5	107.6	-	-	16.1	83.0	0.9	-	-	-	-	-	-	-	-
B-6	LS-16	32.0	634.0	-	-	18.2	108.9	-	-	7.4	88.3	4.3	-	-	-	-	-	-	-	-
B-6	LS-24	50.0	616.0	-	-	15.7	113.9	-	-	7.3	73.1	19.5	0.1	-	-	-	-	-	-	-
B-6	LS-27	65.0	601.0	-	-	21.0	-	-	-	4.4	73.0	22.3	0.3	-	-	-	-	-	-	-
B-7	LS-4	10.0	-	-	-	20.6	109.2	-	-	25.2	74.8	-	-	-	-	-	-	-	-	-
B-7	LS-6	20.0	-	-	-	19.5	109.0	-	-	9.5	90.4	0.1	-	-	-	-	-	-	-	-
B-7	LS-9	35.0	-	-	-	17.2	110.0	-	-	8.9	90.5	0.6	-	-	-	-	-	-	-	-

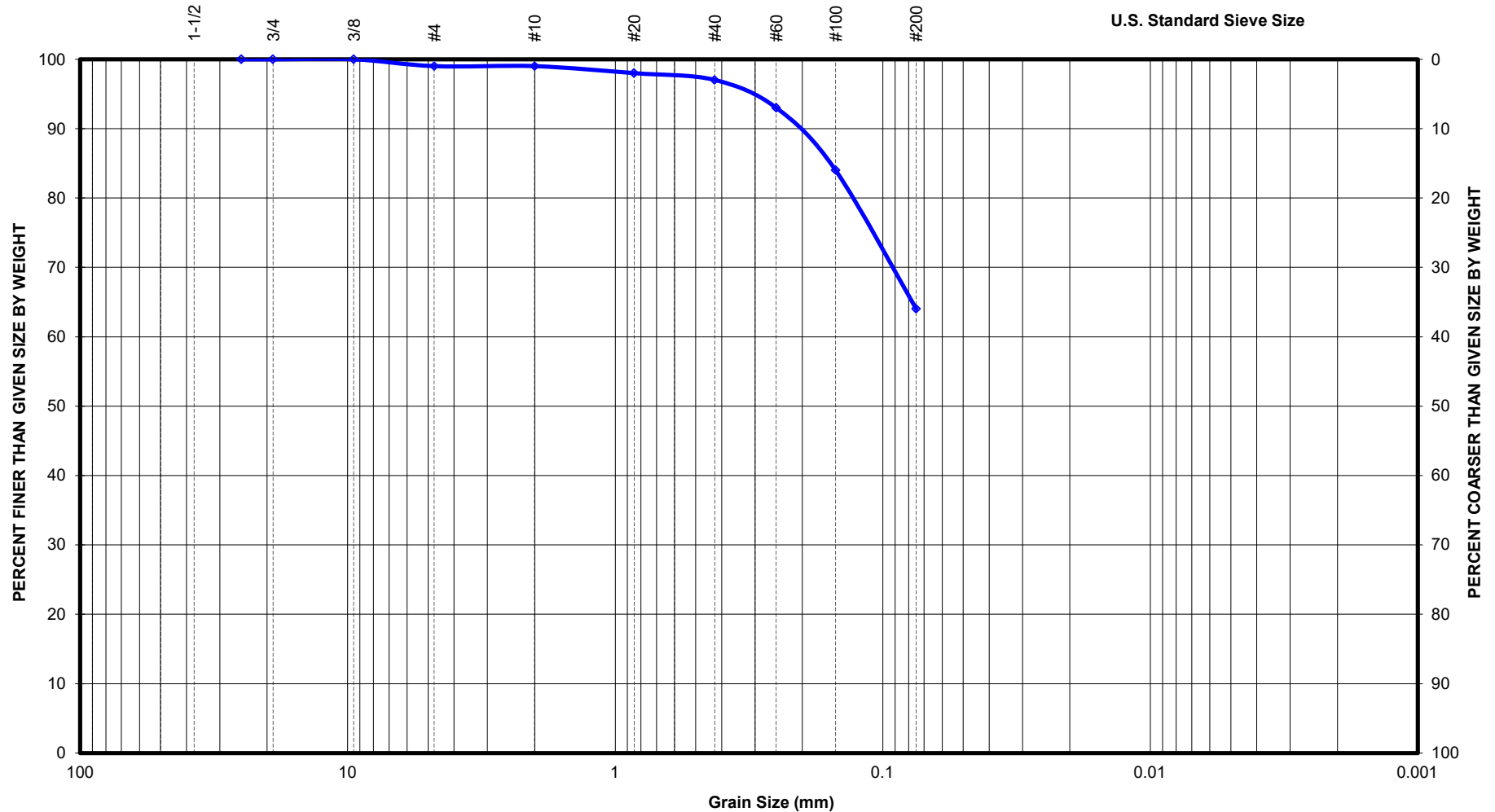
FIGURE No. 13A

Project No.	61-200330-01	NTH Consultants, Ltd.													Edgewood Street Sinkhole Livonia, MI					
TABULATION OF LABORATORY TEST DATA																				
Boring / Test Pit / Probe Designation	Sample Number	Depth of Sample Tip (ft)	Elevation of Sample Tip (ft)	Unconfined Compressive Strength (psf)	Failure Strain (%)	Natural Water Content (% of dry weight)	In-Place Dry Density (lbs/cu.ft)	PERMEABILITY (CM/SEC)	PARTICLE SIZE DISTRIBUTION (%)						ATTERBERG LIMITS (%)			Optimum Moisture content (%)	Proctor (Maximum Dry Density- lb/ft³)	Unified Soil Classification
									Colloids	Silt and Clay	Fine Sand	Medium Sand	Coarse Sand	Gravel	Liquid Limit	Plastic Limit	Plasticity Index			
B-8	S-2	5.0	661.0	-	-	16.2	-	-	-	88.4	9.3	1.6	0.5	-	-	-	-	-	-	-
B-8	S-3	7.5	658.5	-	-	17.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-8	S-5	15.0	651.0	-	-	11.4	-	-	-	25.3	74.7	-	-	-	-	-	-	-	-	-
B-8	S-7	25.0	641.0	-	-	15.9	-	-	-	86.2	10.3	2.2	0.5	-	-	-	-	-	-	-
B-8	S-9	35.0	631.0	-	-	23.9	-	-	-	4	95.8	0.2	-	-	-	-	-	-	-	-
B-9	S-3	7.5	660.5	11,440	15.0	16.1	119.3	-	-	-	-	-	-	-	-	-	-	-	-	-
B-9	S-5	15.0	653.0	4,560	15.0	13.5	127.7	-	-	-	-	-	-	-	21	13	8	-	-	-
B-9	S-7	25.0	643.0	12,220	15.0	15.9	119.3	-	-	-	-	-	-	-	-	-	-	-	-	-
B-10	S-3	7.5	649.5	-	-	15.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-10	S-4	10.0	647.0	11,560	14.4	15.7	118.2	-	-	-	-	-	-	-	-	-	-	-	-	-
B-10	S-6	20.0	637.0	-	-	21.7	-	-	-	3.1	93.7	3.2	-	-	-	-	-	-	-	-
B-11	S-4	10.0	639.0	-	-	24.4	-	-	-	50.9	49.4	-	-	-	-	-	-	-	-	-
B-11	S-6	20.0	629.0	-	-	22.9	-	-	-	2.5	84.9	12.3	0.1	-	-	-	-	-	-	-
B-12	LS-4	10.0	-	4,660	15.0	20.1	113.3	-	-	-	-	-	-	-	-	-	-	-	-	-
B-12	LS-6	20.0	-	-	-	17.4	116.9	-	-	-	-	-	-	-	-	-	-	-	-	-
B-12	LS-8	30.0	-	-	-	18.0	111.9	-	-	58.3	41.7	-	-	-	-	-	-	-	-	-

FIGURE No. 13B

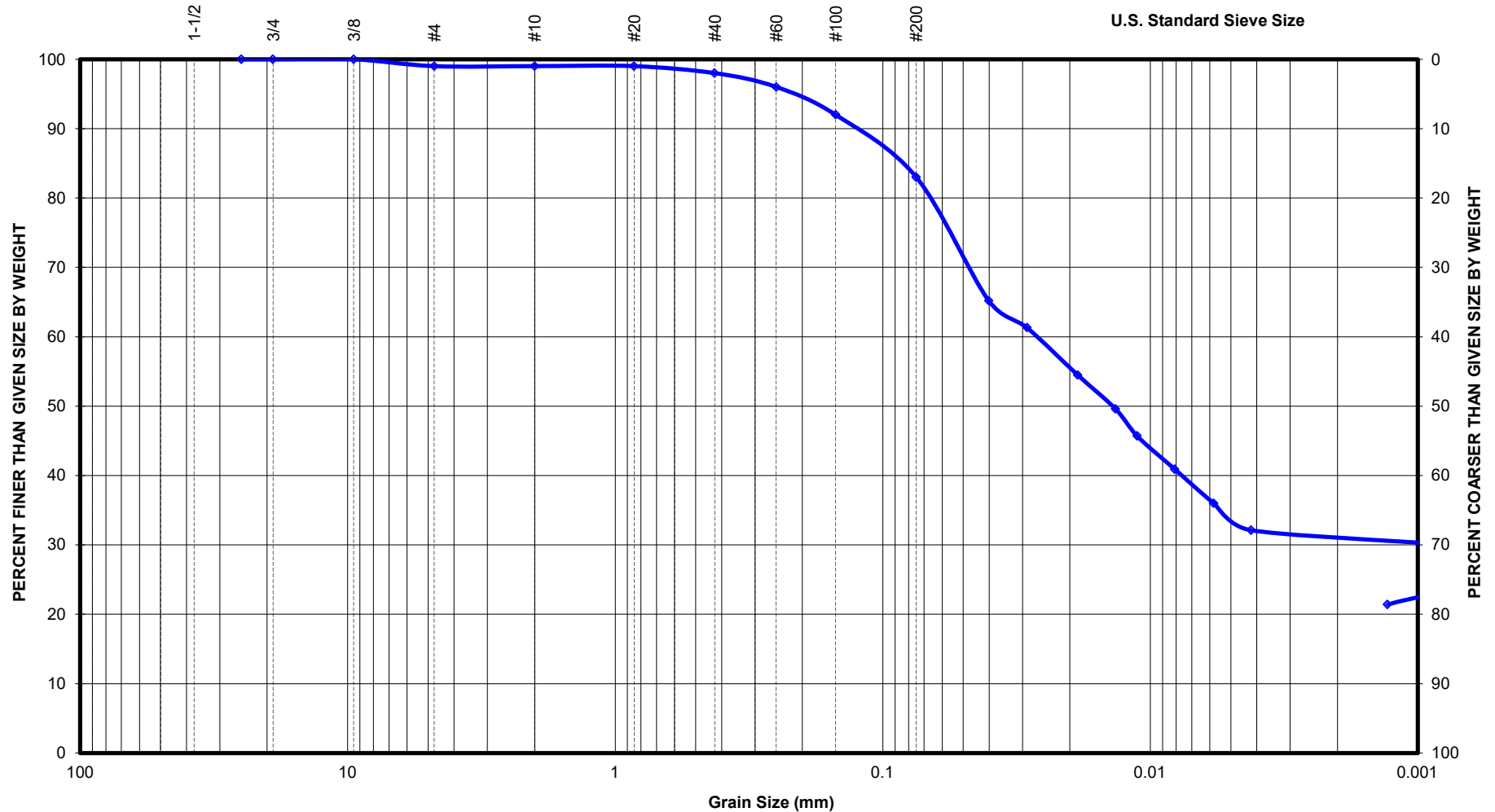
NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-3 Sample No. LS-5 Sample Depth 12.5 feet Sample Elev. (Tip) 652.5 feet
 Sample Description SANDY SILT, With Trace Clay
 Sampled By Phil Herout Date 08/05/2020 Tested By Paul Newton Date 08/28/2020 LWO No. _____



NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

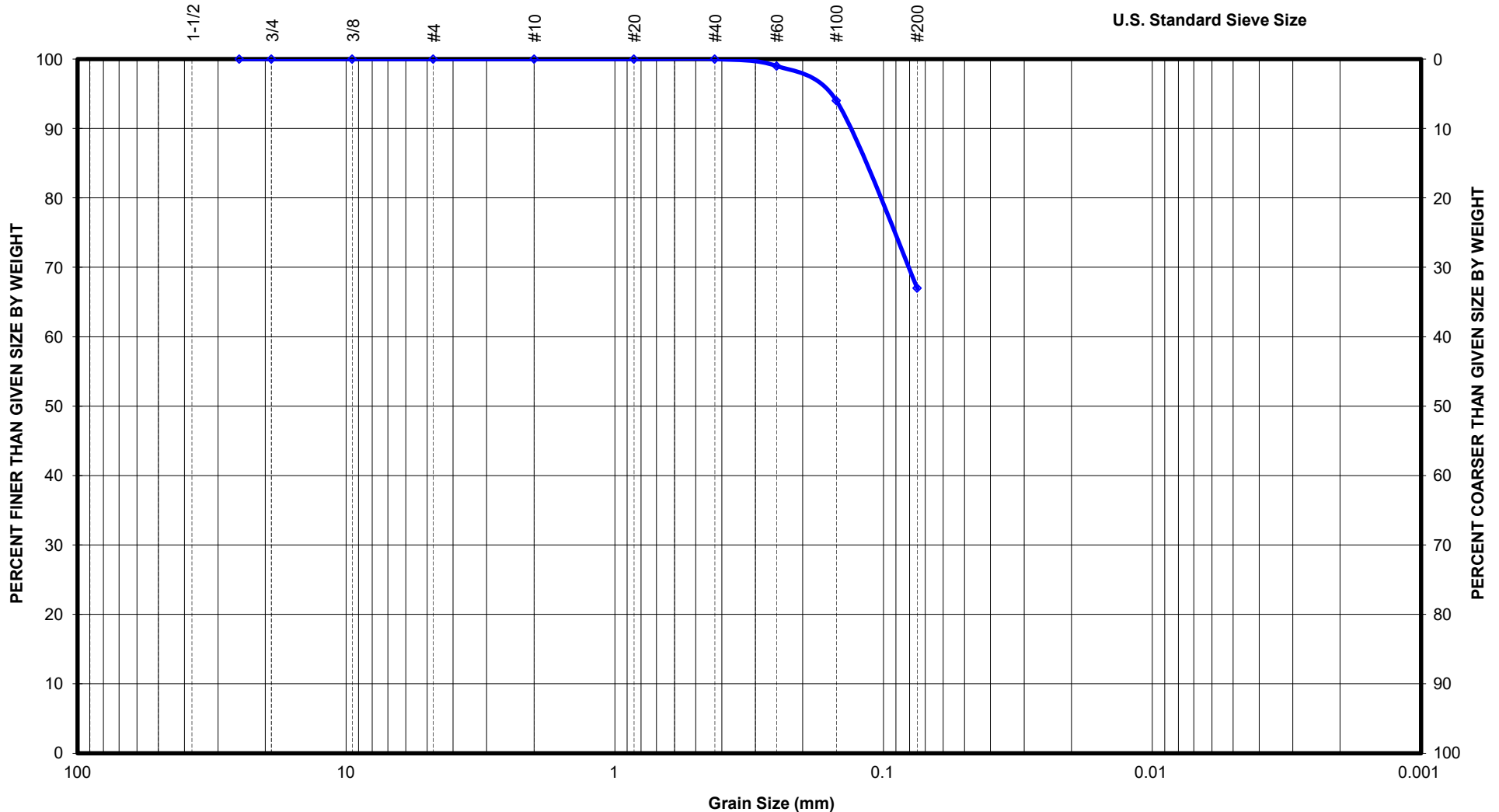
Project No.	61-200330-01	Project Name	Edgewood Street Sinkhole
Project Location	Livonia, MI	Source	Soil Boring
Boring No.	B-3	Sample No.	LS-7
		Sample Depth	17.5 feet
Sample Description	CLAYEY SILT, with little sand		
Sampled By	Phil Herout	Date	08/05/2020
		Tested By	Ben Naber
		Date	08/28/2020
		LWO No.	



NTH Consultants, Ltd.

GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 **Project Name** Edgewood Street Sinkhole
Project Location Livonia, MI **Source** Soil Boring
Boring No. B-3 **Sample No.** S-9 **Sample Depth** 21.5 feet **Sample Elev. (Tip)** 643.5 feet
Sample Description SANDY SILT, With Trace Clay
Sampled By Phil Herout **Date** 08/06/2020 **Tested By** Paul Newton **Date** 08/28/2020 **LWO No.**



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.

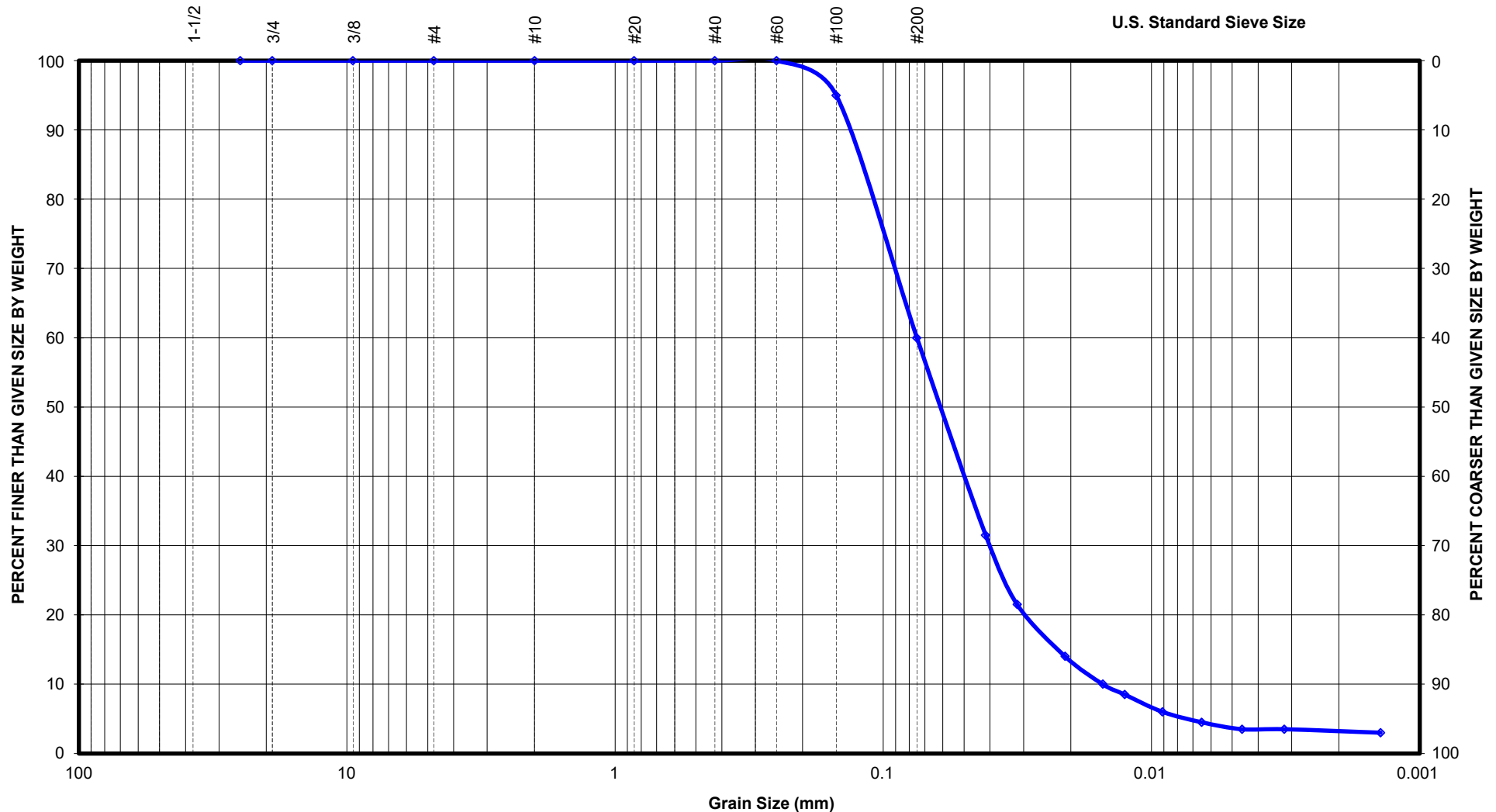
Project No.	61-200330-01	Project Name	Edgewood Street Sinkhole
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Project Location	Livonia, MI	Source	Soil Boring
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Boring No.	B-3	Sample No.	LS-10	Sample Depth	23 feet	Sample Elev. (Tip)	642 feet
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Sample Description	SANDY SILT, With Trace Clay
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Sampled By	Phil Herout	Date	08/06/2020	Tested By	Paul Newton	Date	08/28/2020	LWO No.	
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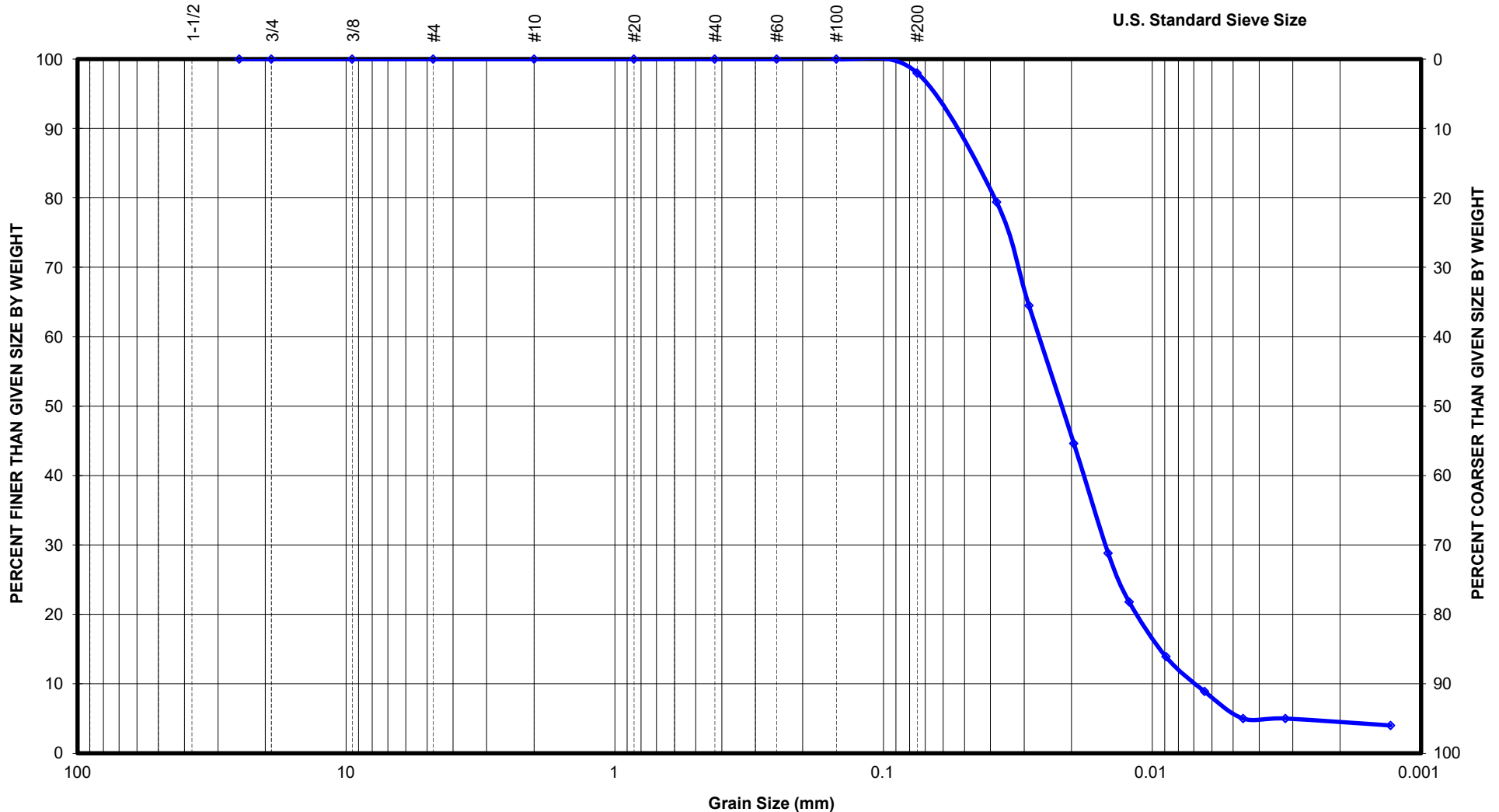
Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

FIGURE NO. 17

NTH Consultants, Ltd.

GRAIN SIZE DISTRIBUTION CURVE

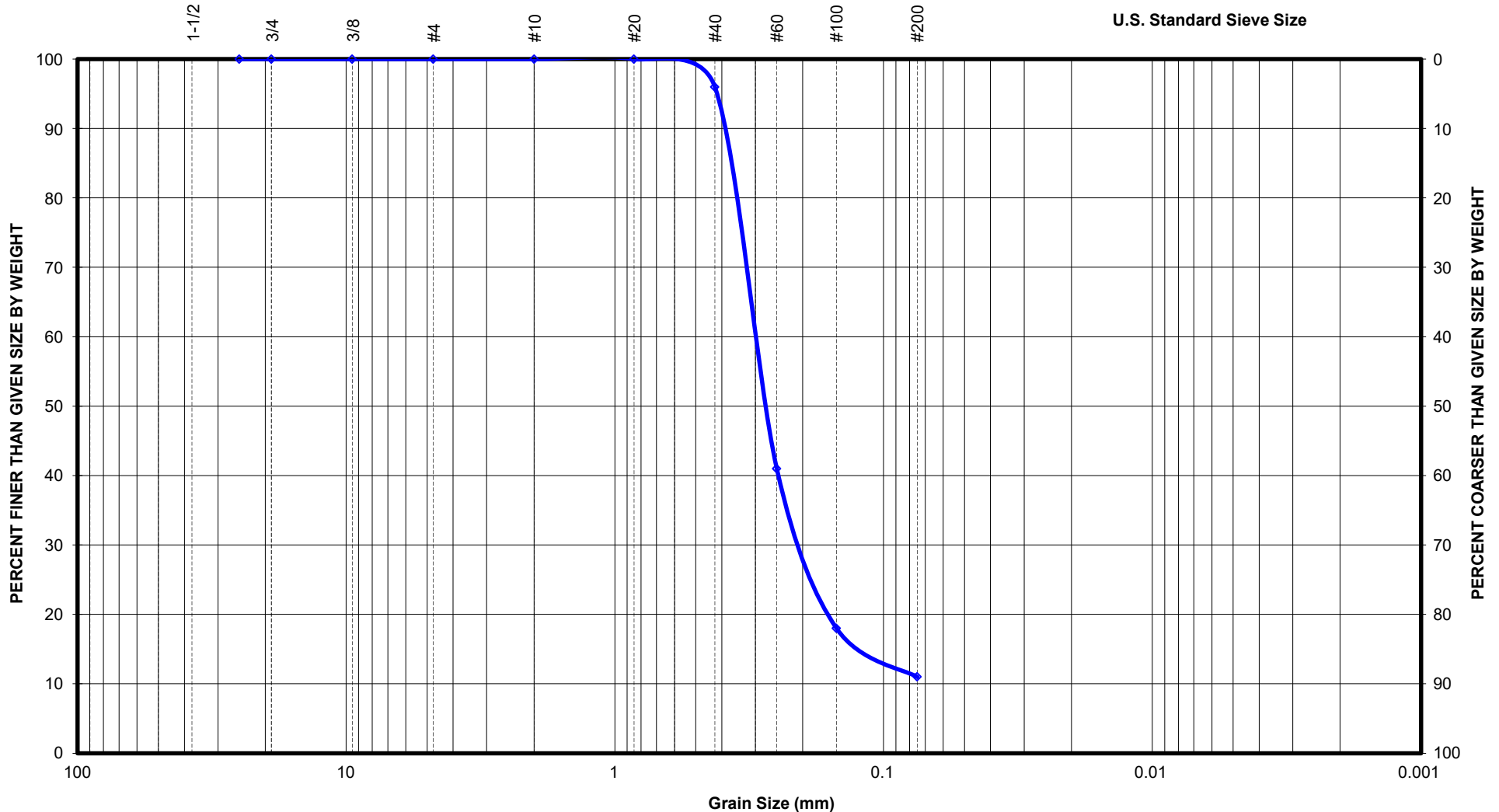
Project No. 61-200330-01 **Project Name** Edgewood Street Sinkhole
Project Location Livonia, MI **Source** Soil Boring
Boring No. B-3 **Sample No.** LS-13 **Sample Depth** 27.5 feet **Sample Elev. (Tip)** 637.5 feet
Sample Description SILT, With Trace Sand and Clay
Sampled By Phil Herout **Date** 08/06/2020 **Tested By** Ben Naber **Date** 08/28/2020 **LWO No.**



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-3 Sample No. LS-16 Sample Depth 32 feet Sample Elev. (Tip) 633 feet
 Sample Description SAND, With Trace Silt
 Sampled By Phil Herout Date 08/06/2020 Tested By Paul Newton Date 08/28/2020 LWO No. _____

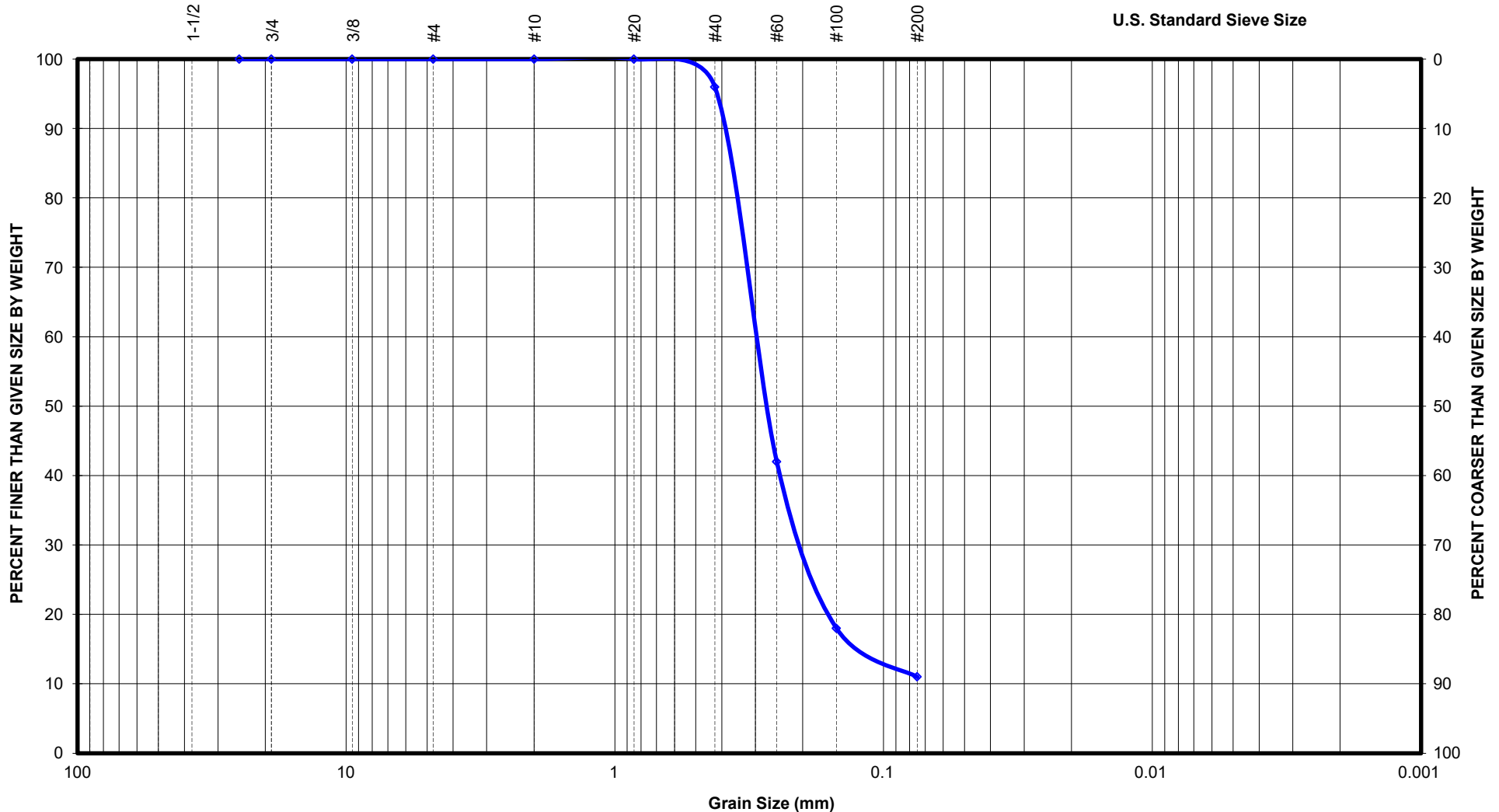


Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.

GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-3 Sample No. LS-21 Sample Depth 39.5 feet Sample Elev. (Tip) 625.5 feet
 Sample Description SAND, With Trace Silt
 Sampled By Phil Herout Date 08/06/2020 Tested By Paul Newton Date 08/28/2020 LWO No. _____

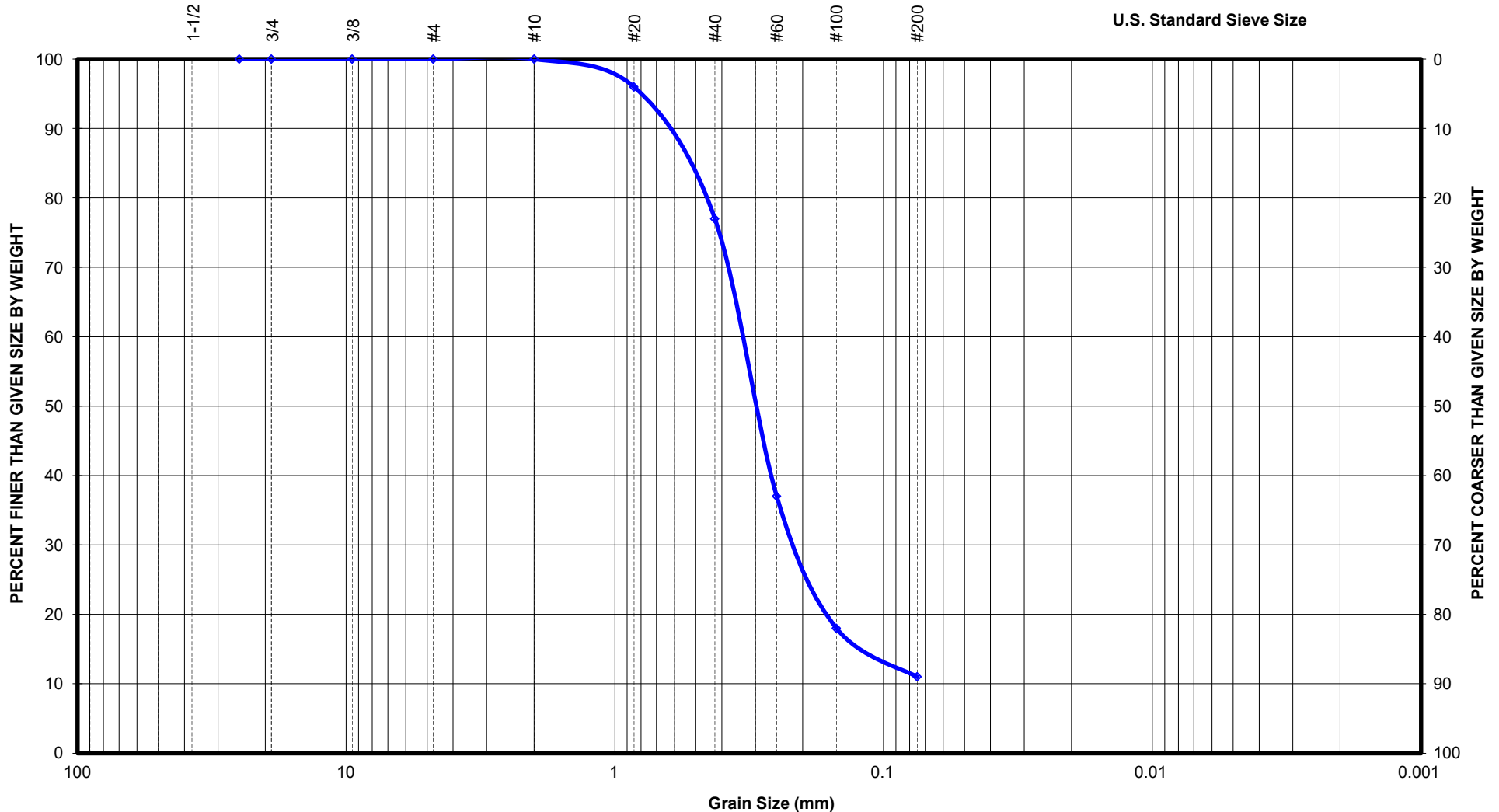


Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.

GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-3 Sample No. LS-23 Sample Depth 45 feet Sample Elev. (Tip) 620 feet
 Sample Description SAND, With Trace Silt
 Sampled By Phil Herout Date 08/06/2020 Tested By Paul Newton Date 08/28/2020 LWO No. _____

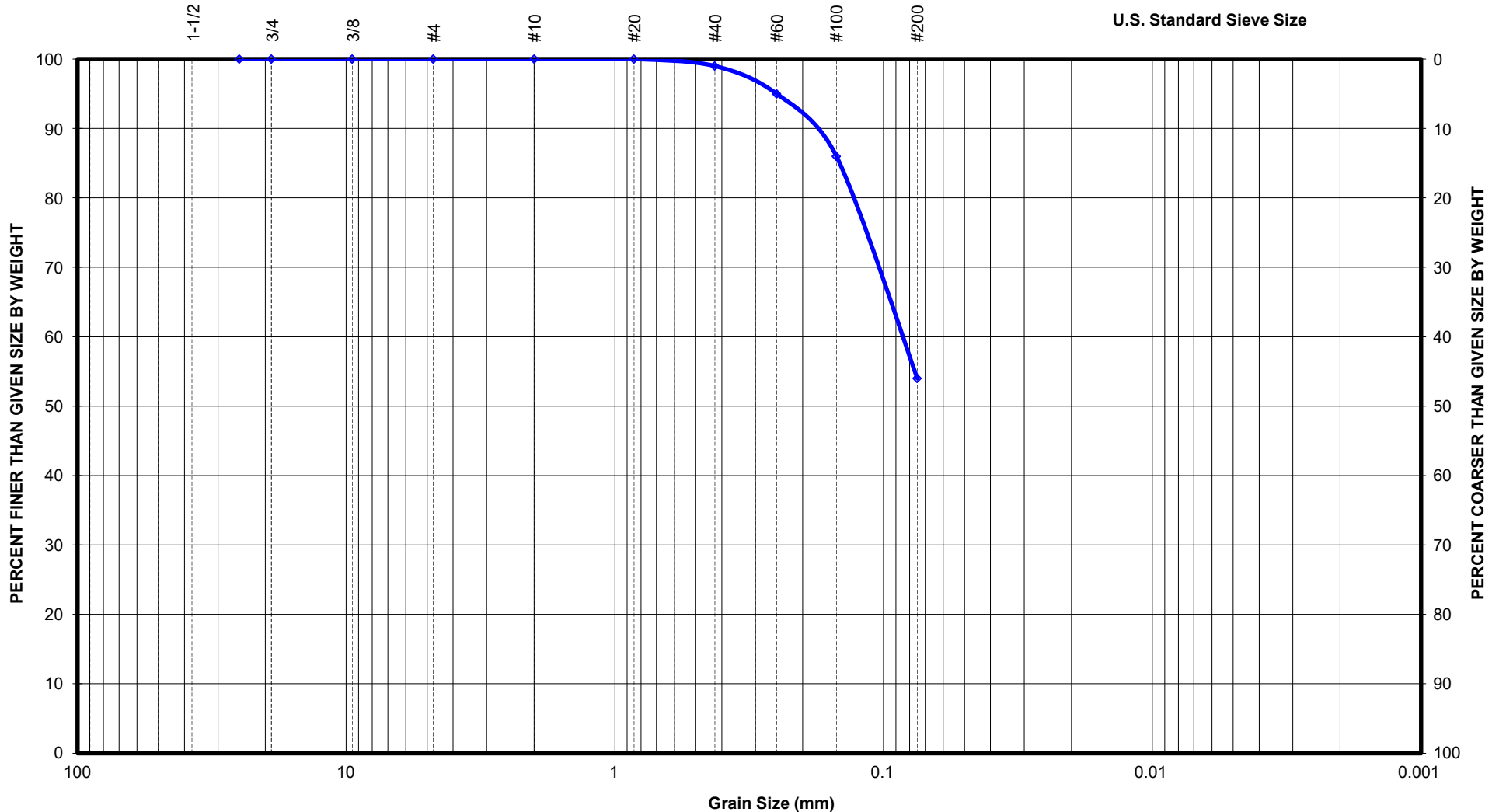


Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.

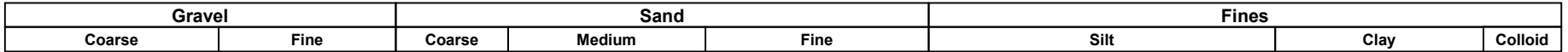
GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 **Project Name** Edgewood Street Sinkhole
Project Location Livonia, MI **Source** Soil Boring
Boring No. B-4 **Sample No.** LS-4 **Sample Depth** 10 feet **Sample Elev. (Tip)** 656.5 feet
Sample Description SAND and Silt with Trace Clay
Sampled By Phil Herout **Date** 08/06/2020 **Tested By** Paul Newton **Date** 08/28/2020 **LWO No.**



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

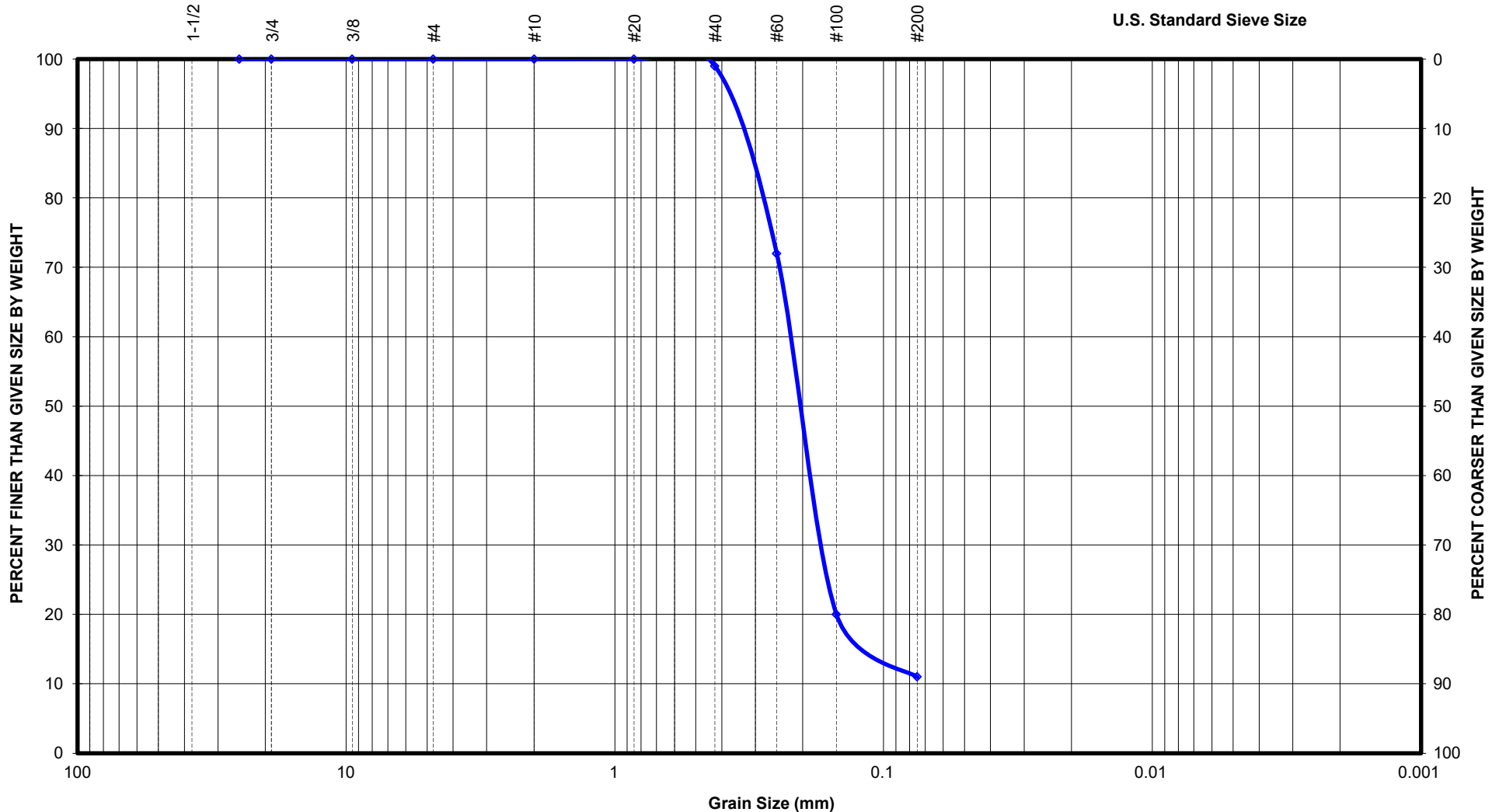
Project No.	61-200330-01	Project Name	Edgewood Street Sinkhole		
Project Location	Livonia, MI			Source	Soil Boring
Boring No.	B-4	Sample No.	LS-4	Sample Depth	15 feet
Sample Description	SAND and Silt with Trace Clay				
Sampled By	Phil Herout	Date	08/06/2020	Tested By	Paul Newton
				Date	08/28/2020
				LWO No.	



NTH Consultants, Ltd.

GRAIN SIZE DISTRIBUTION CURVE

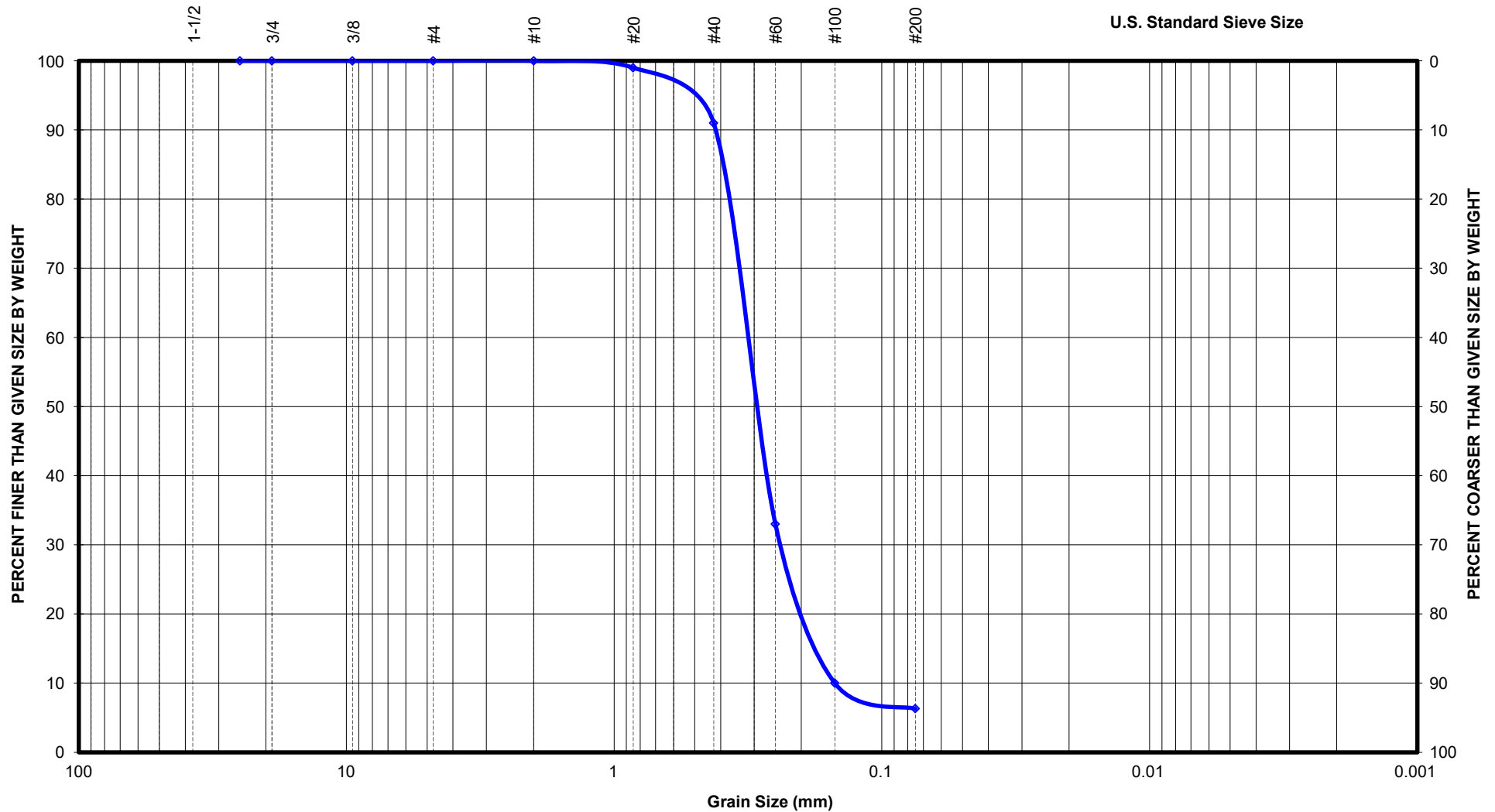
Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-4 Sample No. LS-10 Sample Depth 23 feet Sample Elev. (Tip) 643.5 feet
 Sample Description SAND, with Trace Silt and Clay
 Sampled By Phil Herout Date 08/06/2020 Tested By Paul Newton Date 08/28/2020 LWO No. _____



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

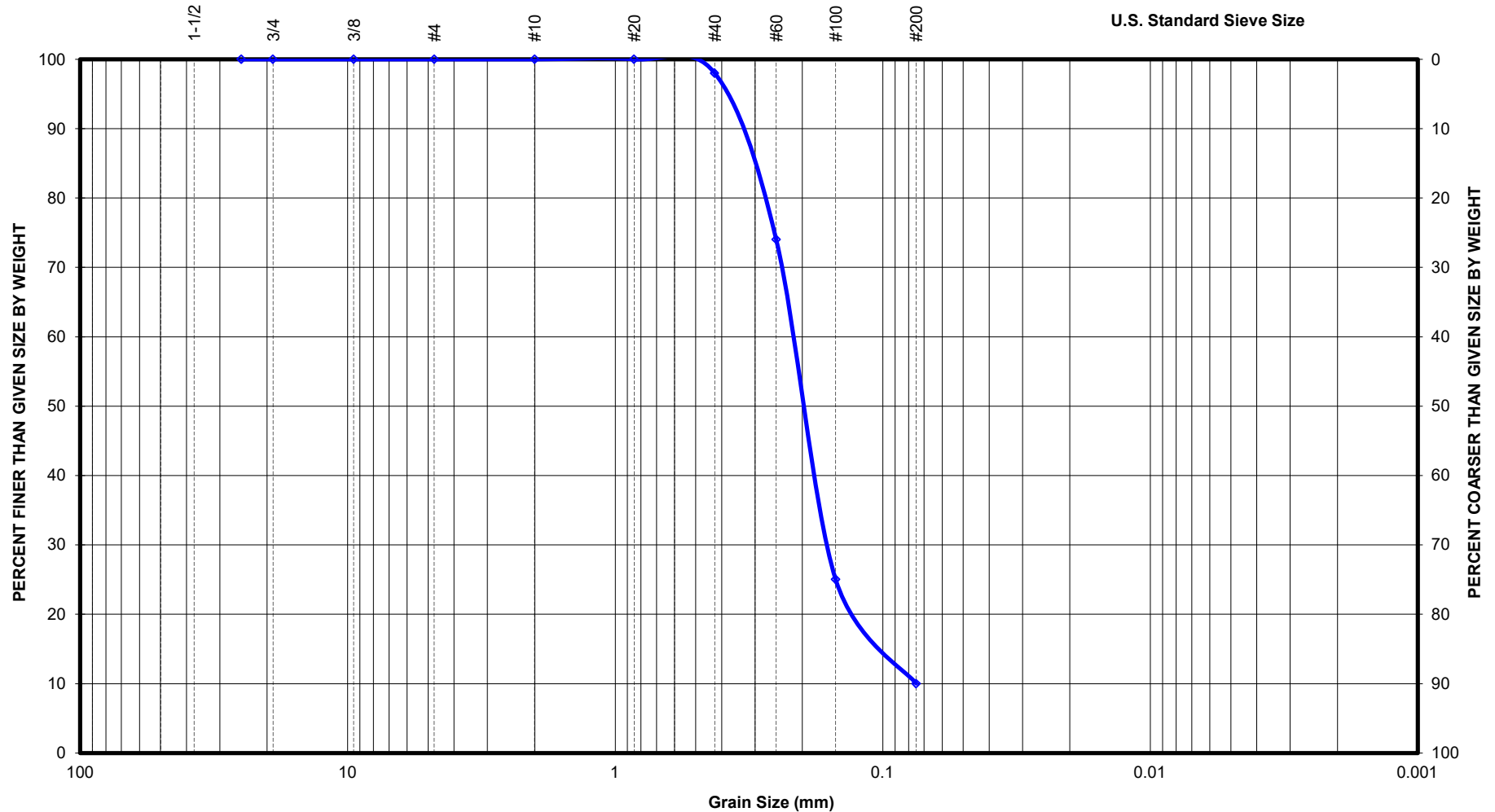
Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-4 Sample No. LS-14 Sample Depth 29 feet Sample Elev. (Tip) 637.5 feet
 Sample Description SAND, with Trace Silt and Clay
 Sampled By Phil Herout Date 08/06/2020 Tested By Paul Newton Date 08/28/2020 LWO No. _____



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

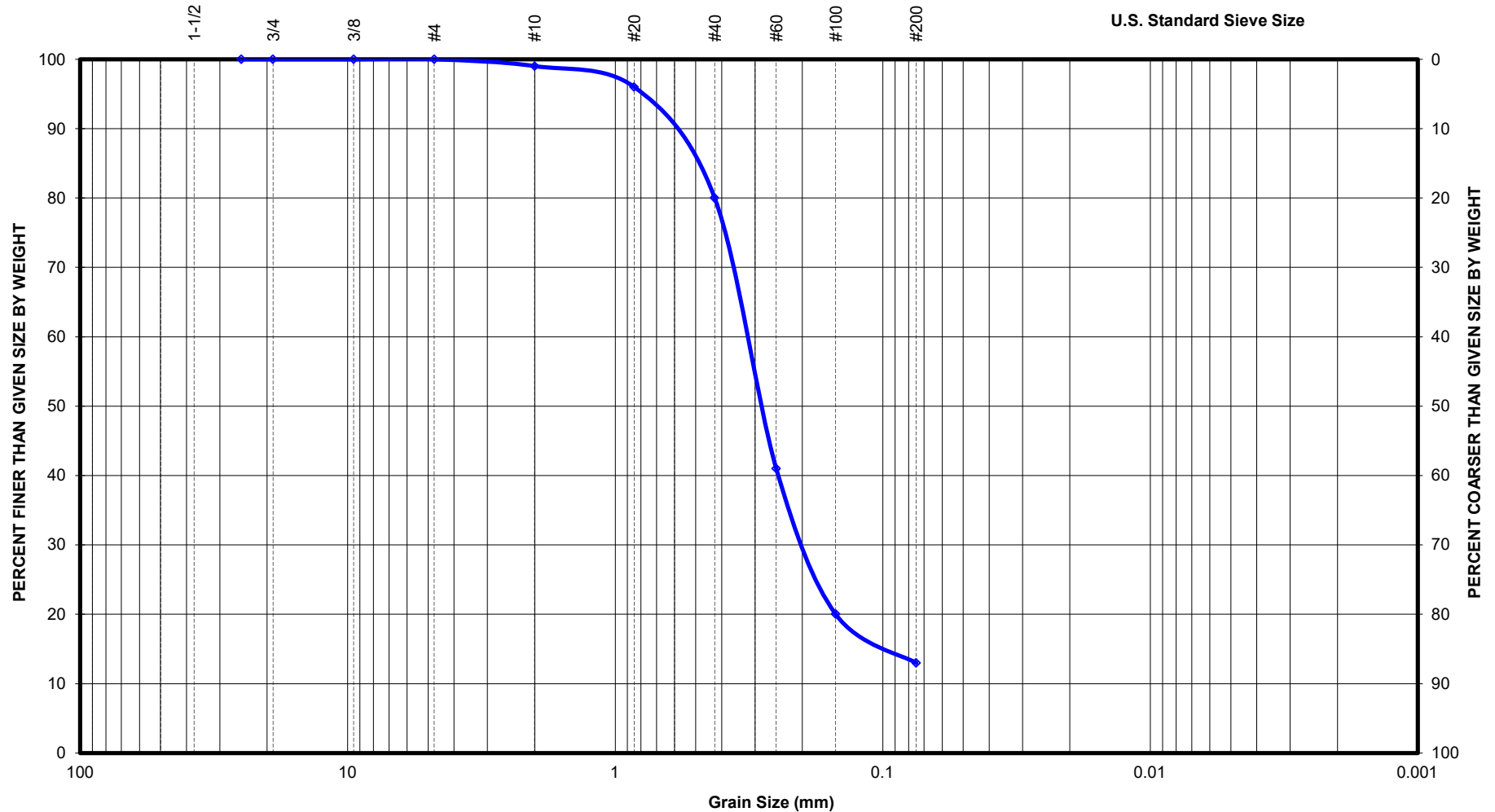
NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 Project Name Edgewood Sewer Repairs
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-4 Sample No. LS-18 Sample Depth 35 feet Sample Elev. (Tip) 631.5 feet
 Sample Description SAND , with Trace Silt and Clay
 Sampled By Phil Herout Date 08/06/2020 Tested By Paul Newton Date 08/28/2020 LWO No. _____



NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

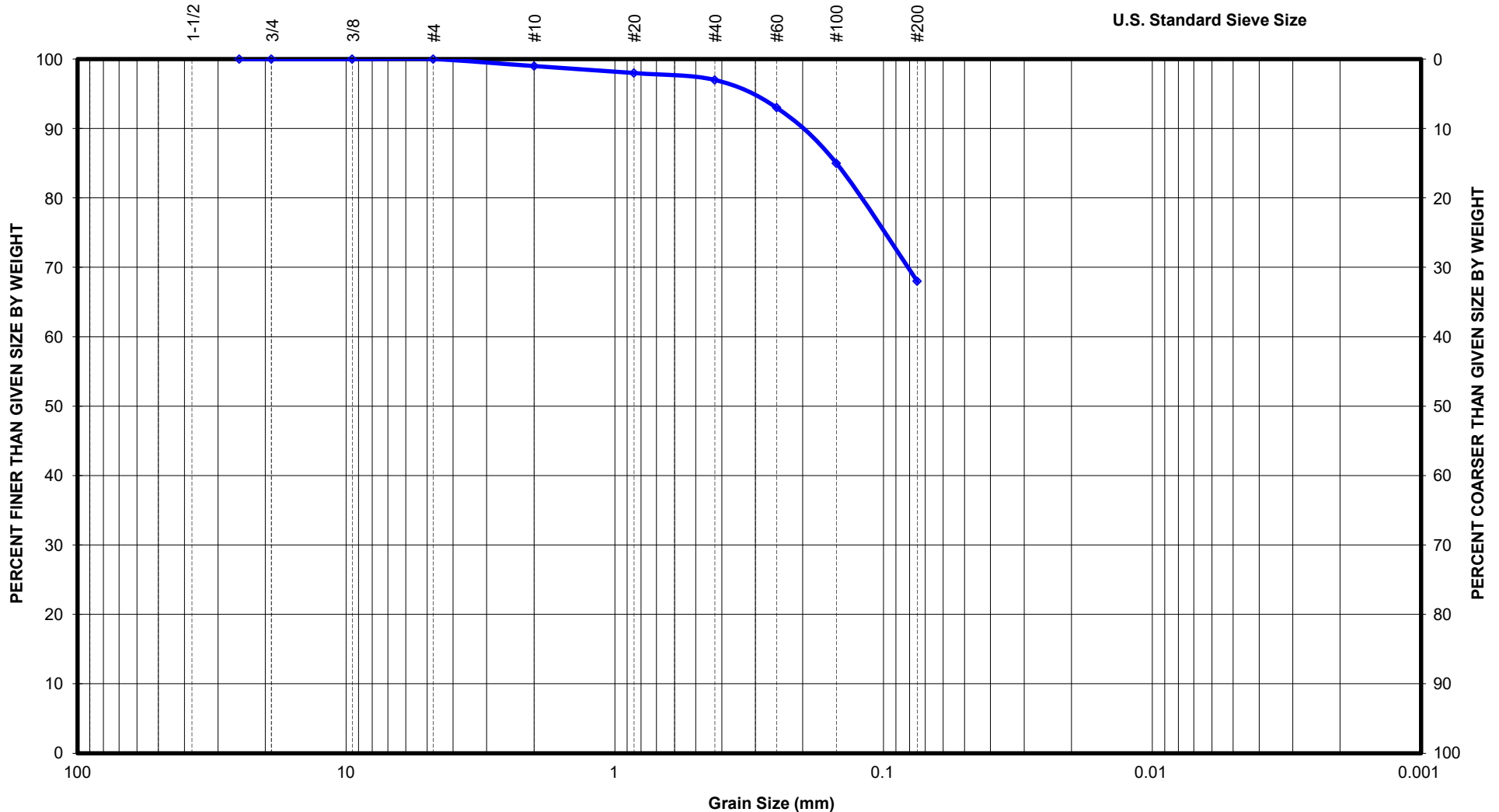
Project No.	61-200330-01	Project Name	Edgewood Sewer Repairs
Project Location	Livonia, MI	Source	Soil Boring
Boring No.	B-4	Sample No.	LS-22
		Sample Depth	41 feet
Sample Description	SAND , with Trace Silt and Clay		
Sampled By	Phil Herout	Date	08/06/2020
		Tested By	Paul Newton
		Date	08/28/2020
		LWO No.	



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

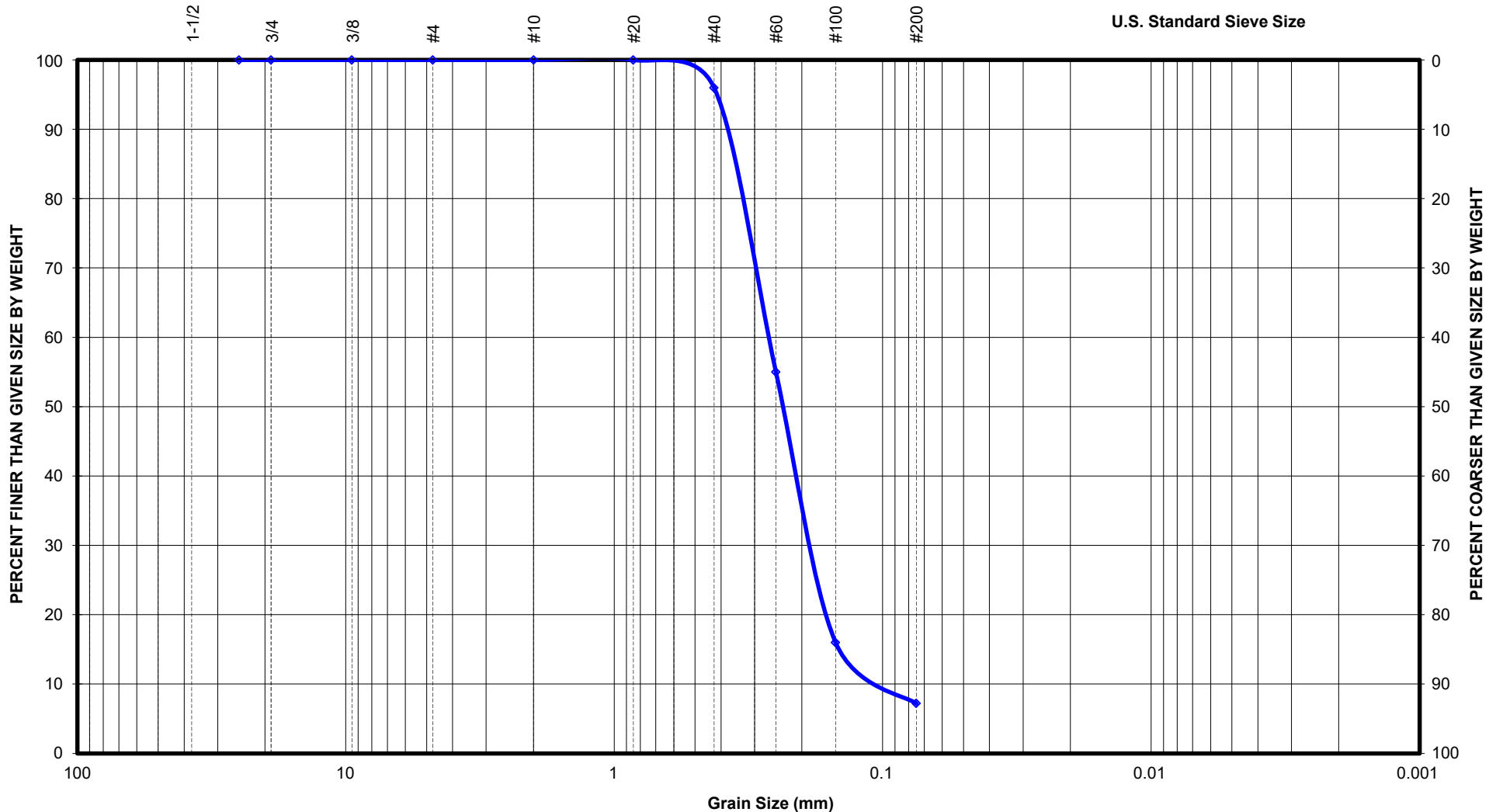
Project No. 61-200330-01 Project Name Edgewood Sewer Repairs
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-5 Sample No. S-8 Sample Depth 20 feet Sample Elev. (Tip) 647 feet
 Sample Description SANDY SILT, With Trace Clay
 Sampled By Pramod Janaki Date 08/11/2020 Tested By Paul Newton Date 08/28/2020 LWO No. _____



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

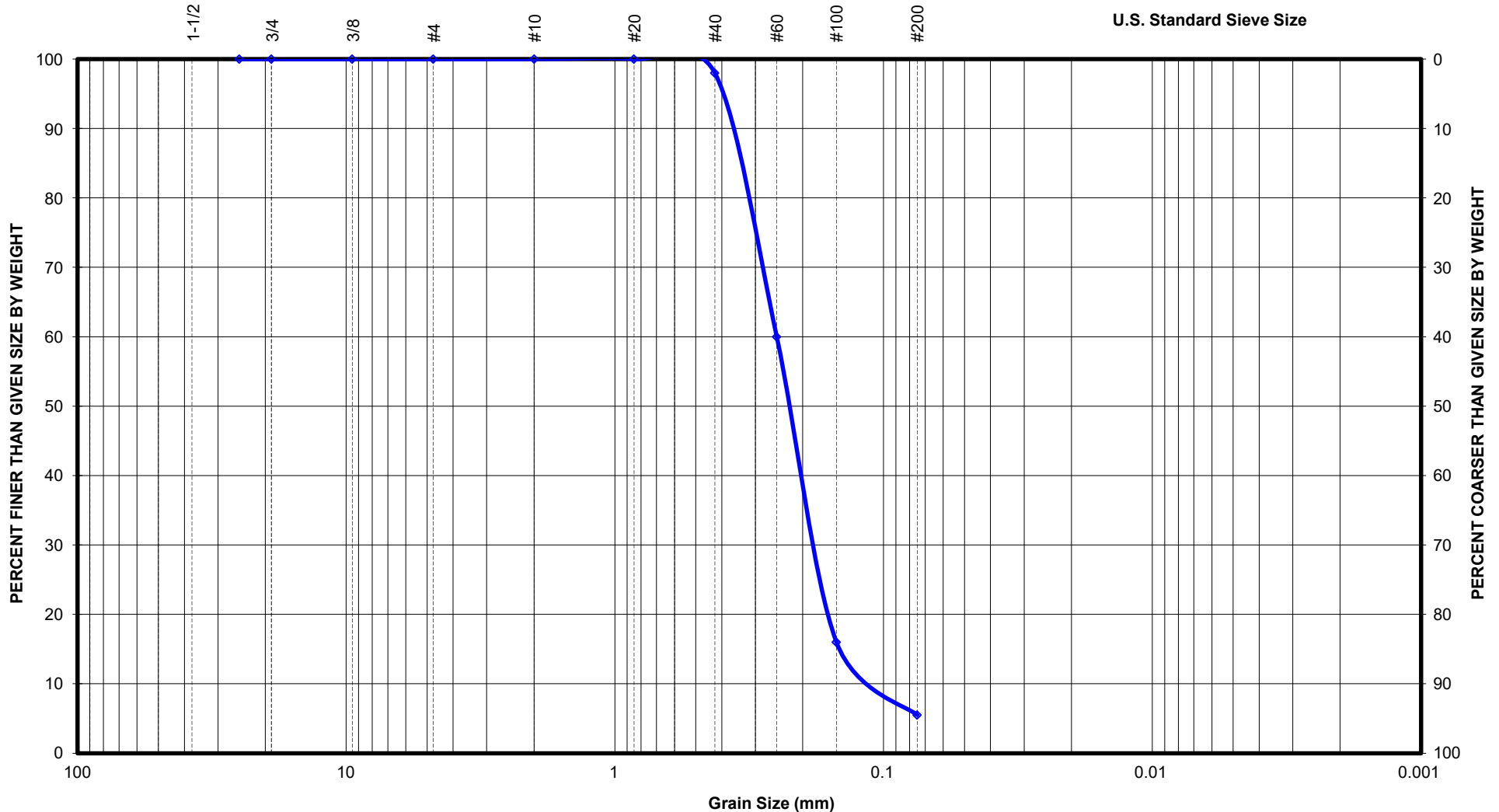
Project No. 61-200330-01 Project Name Edgewood Sewer Repairs
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-5 Sample No. LS-13 Sample Depth 27.5 feet Sample Elev. (Tip) 639.5 feet
 Sample Description SAND, With Trace Silt and Clay
 Sampled By Pramod Janaki Date 08/11/2020 Tested By Paul Newton Date 08/28/2020 LWO No. _____



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 Project Name Edgewood Sewer Repairs
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-5 Sample No. LS-21 Sample Depth 39.5 feet Sample Elev. (Tip) 627.5 feet
 Sample Description SAND, With Trace Silt
 Sampled By Pramod Janaki Date 08/11/2020 Tested By Paul Newton Date 08/28/2020 LWO No. _____

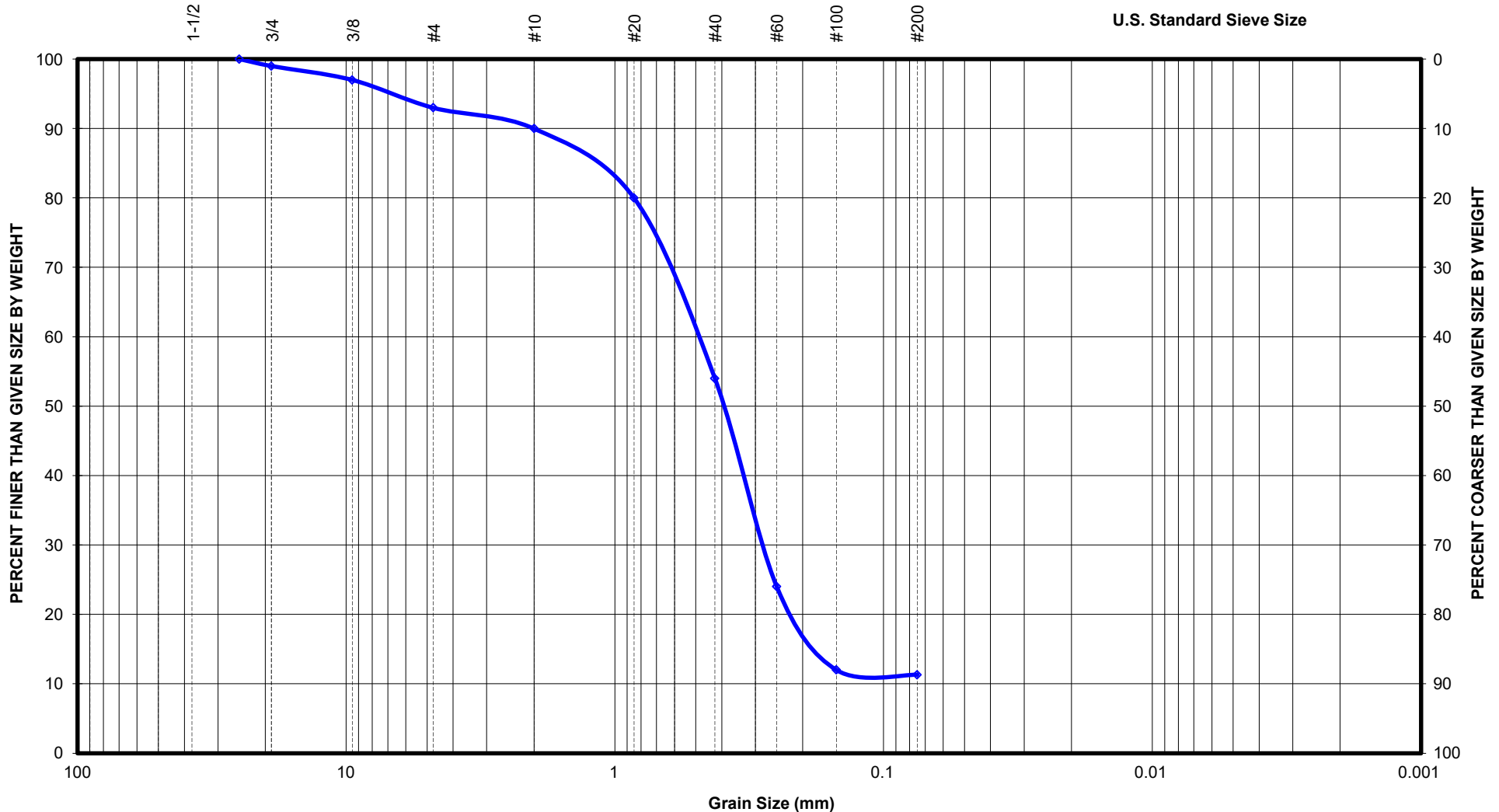


Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.

GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 **Project Name** Edgewood Sewer Repairs
Project Location Livonia, MI **Source** Soil Boring
Boring No. B-6 **Sample No.** LS-4 **Sample Depth** 10 feet **Sample Elev. (Tip)** 656 feet
Sample Description SILTY SAND, With Trace Gravel
Sampled By Phil Herout **Date** 08/12/2020 **Tested By** Ben Naber **Date** 08/28/2020 **LWO No.**

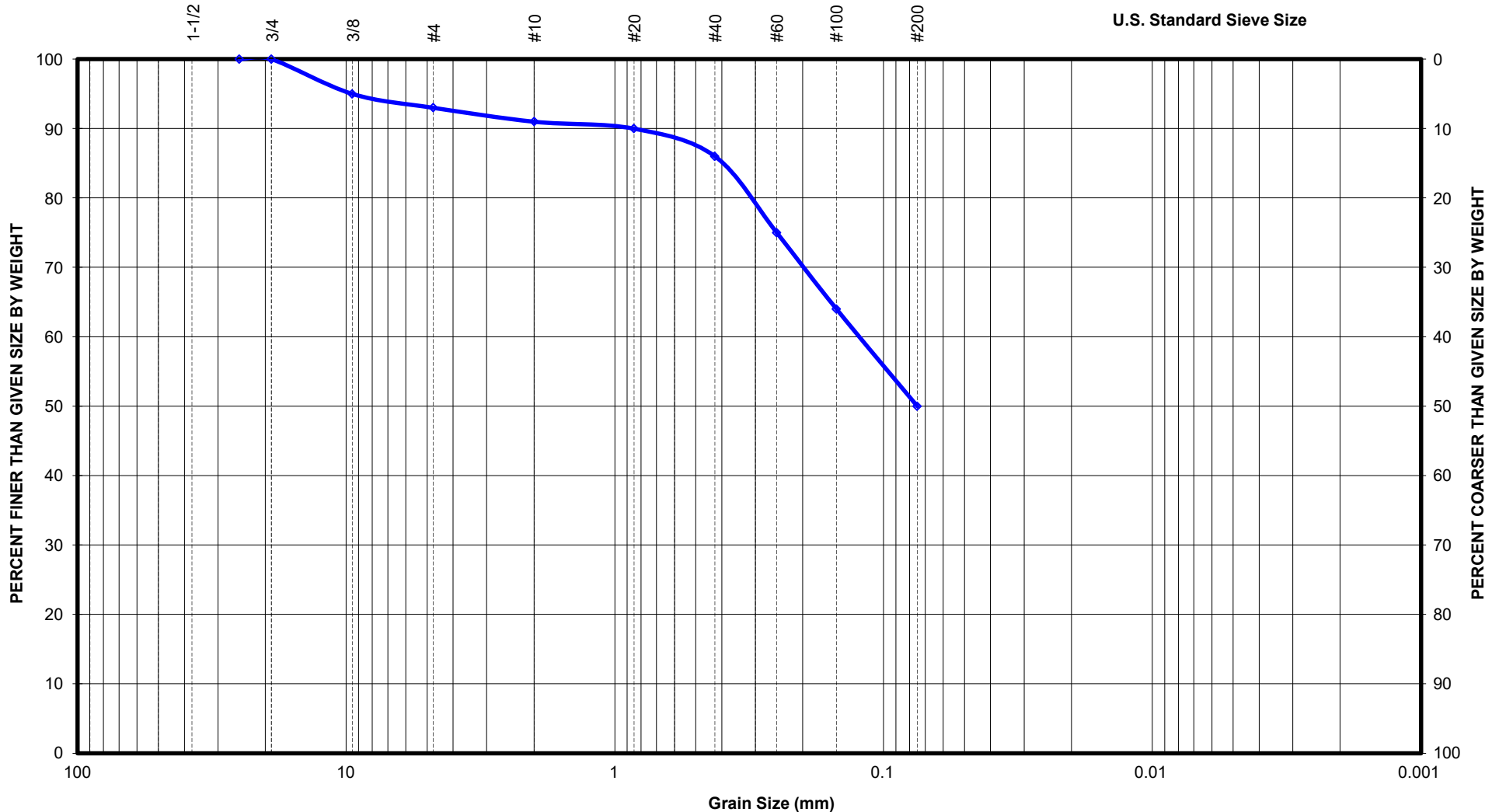


Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.

GRAIN SIZE DISTRIBUTION CURVE

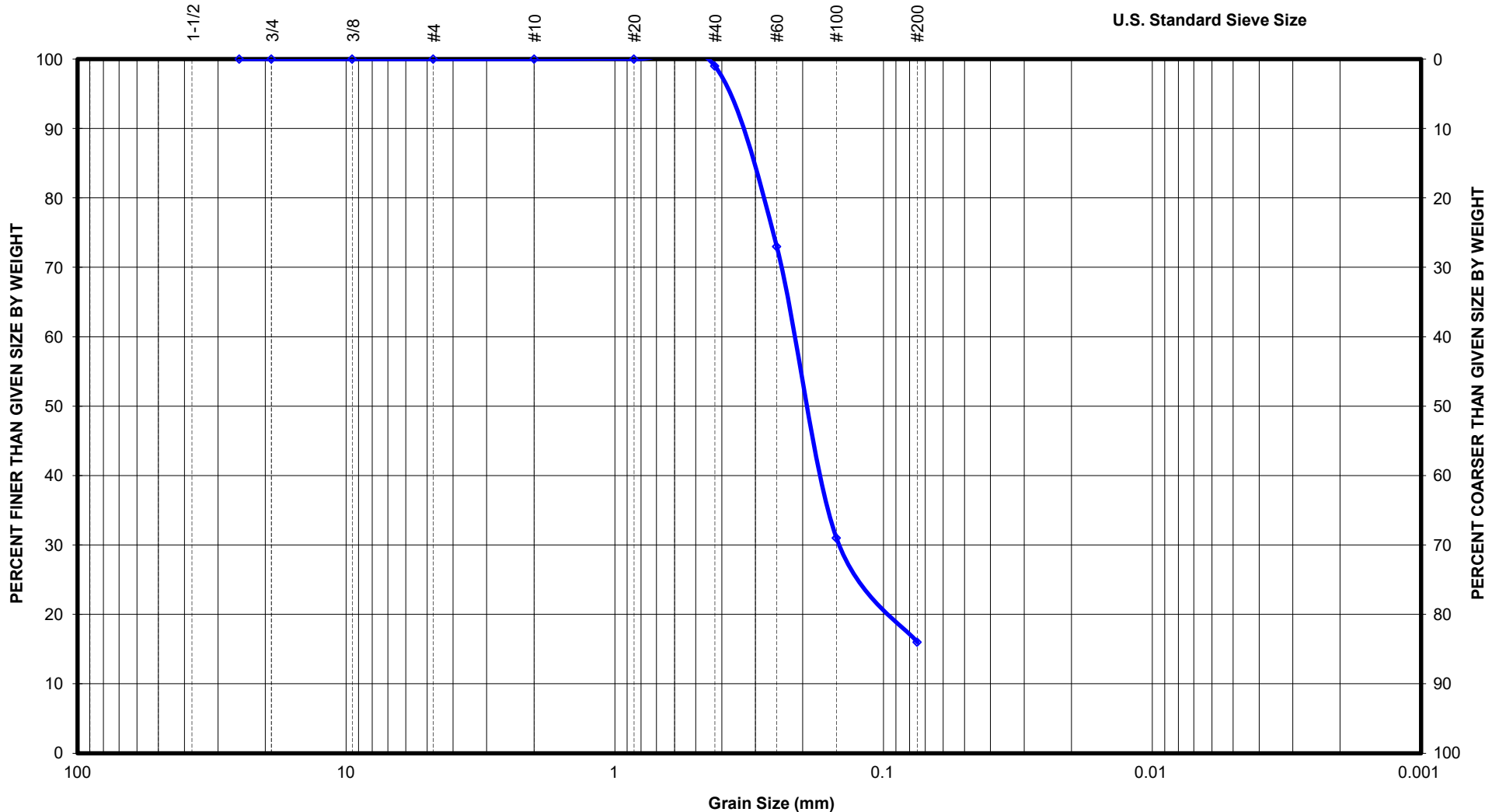
Project No. 61-200330-01 **Project Name** Edgewood Sewer Repairs
Project Location Livonia, MI **Source** Soil Boring
Boring No. B-6 **Sample No.** S-7 **Sample Depth** 17.5 feet **Sample Elev. (Tip)** 648.5 feet
Sample Description SAND and SILT, With Trace Gravel and Clay
Sampled By Phil Herout **Date** 08/12/2020 **Tested By** Ben Naber **Date** 08/28/2020 **LWO No.**



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

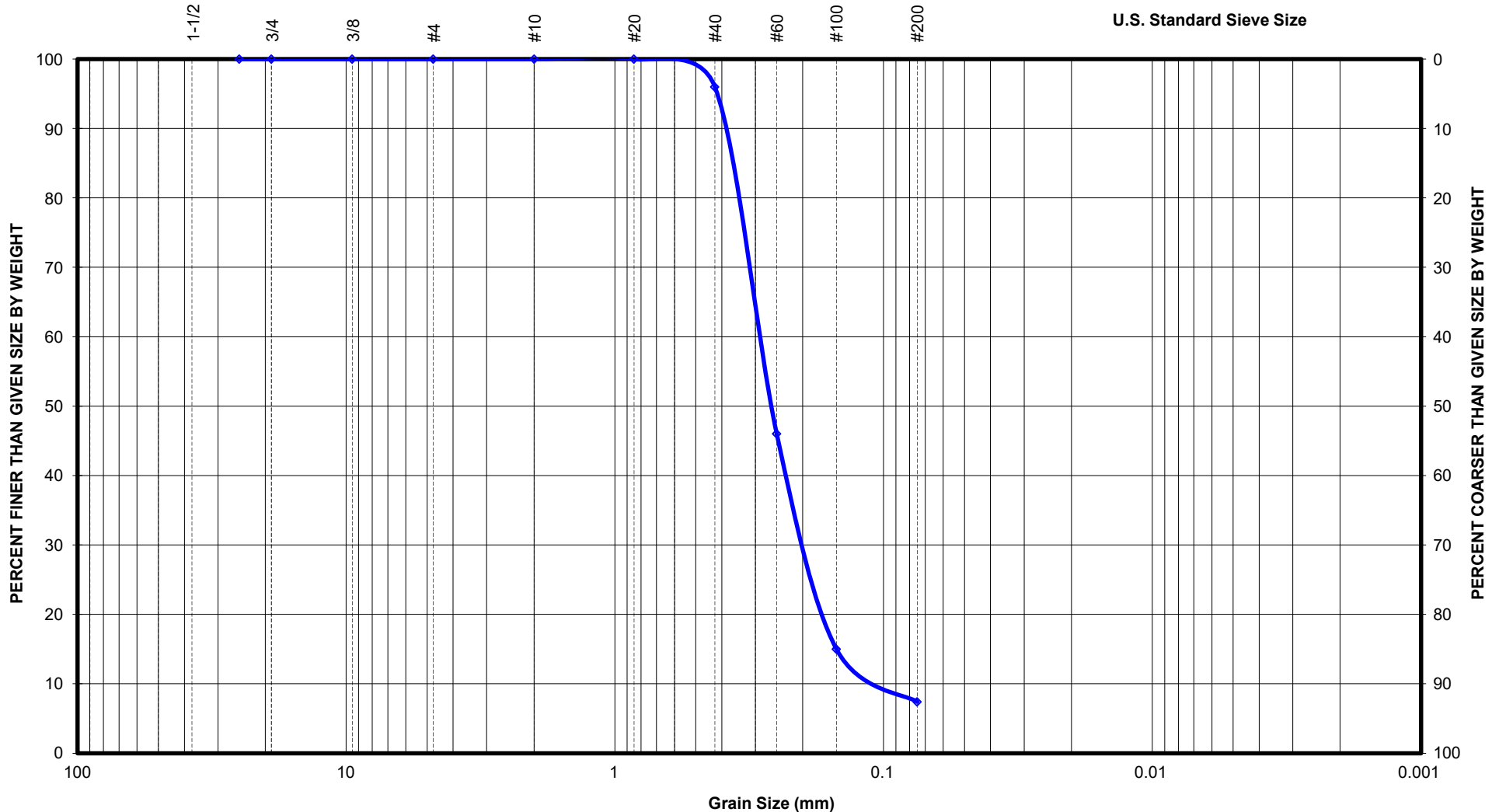
Project No. 61-200330-01 Project Name Edgewood Sewer Repairs
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-6 Sample No. LS-10 Sample Depth 23 feet Sample Elev. (Tip) 643 feet
 Sample Description SILTY SAND, With Trace Clay
 Sampled By Phil Herout Date 08/12/2020 Tested By Ben Naber Date 08/28/2020 LWO No. _____



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

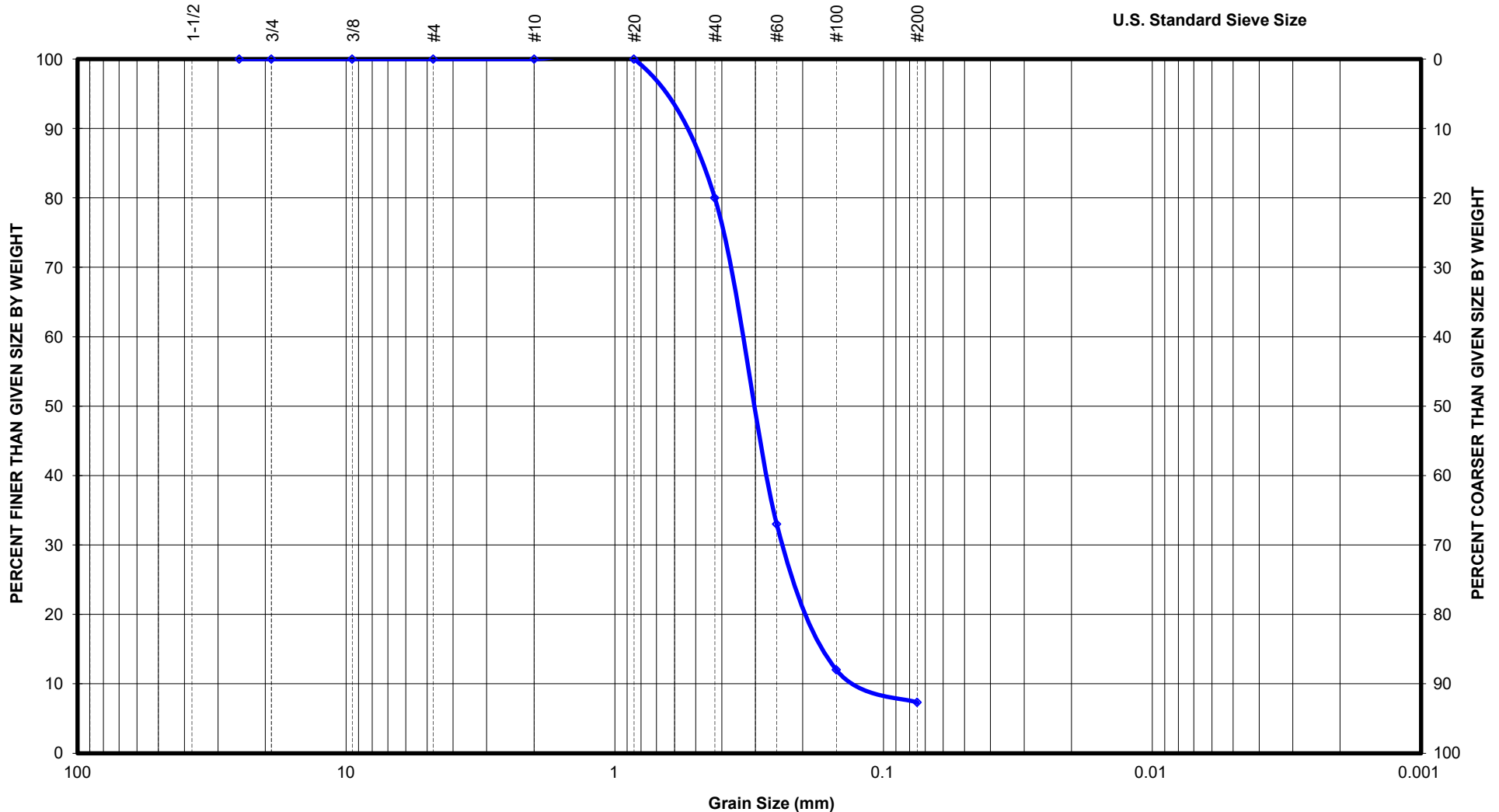
Project No. 61-200330-01 Project Name Edgewood Sewer Repairs
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-6 Sample No. LS-16 Sample Depth 32 feet Sample Elev. (Tip) 634 feet
 Sample Description SAND, With Trace Silt and Clay
 Sampled By Phil Herout Date 08/12/2020 Tested By Ben Naber Date 08/28/2020 LWO No. _____



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 Project Name Edgewood Sewer Repairs
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-6 Sample No. LS-24 Sample Depth 50 feet Sample Elev. (Tip) 616 feet
 Sample Description SAND, With Trace Silt and Clay
 Sampled By Phil Herout Date 08/12/2020 Tested By Ben Naber Date 08/28/2020 LWO No. _____

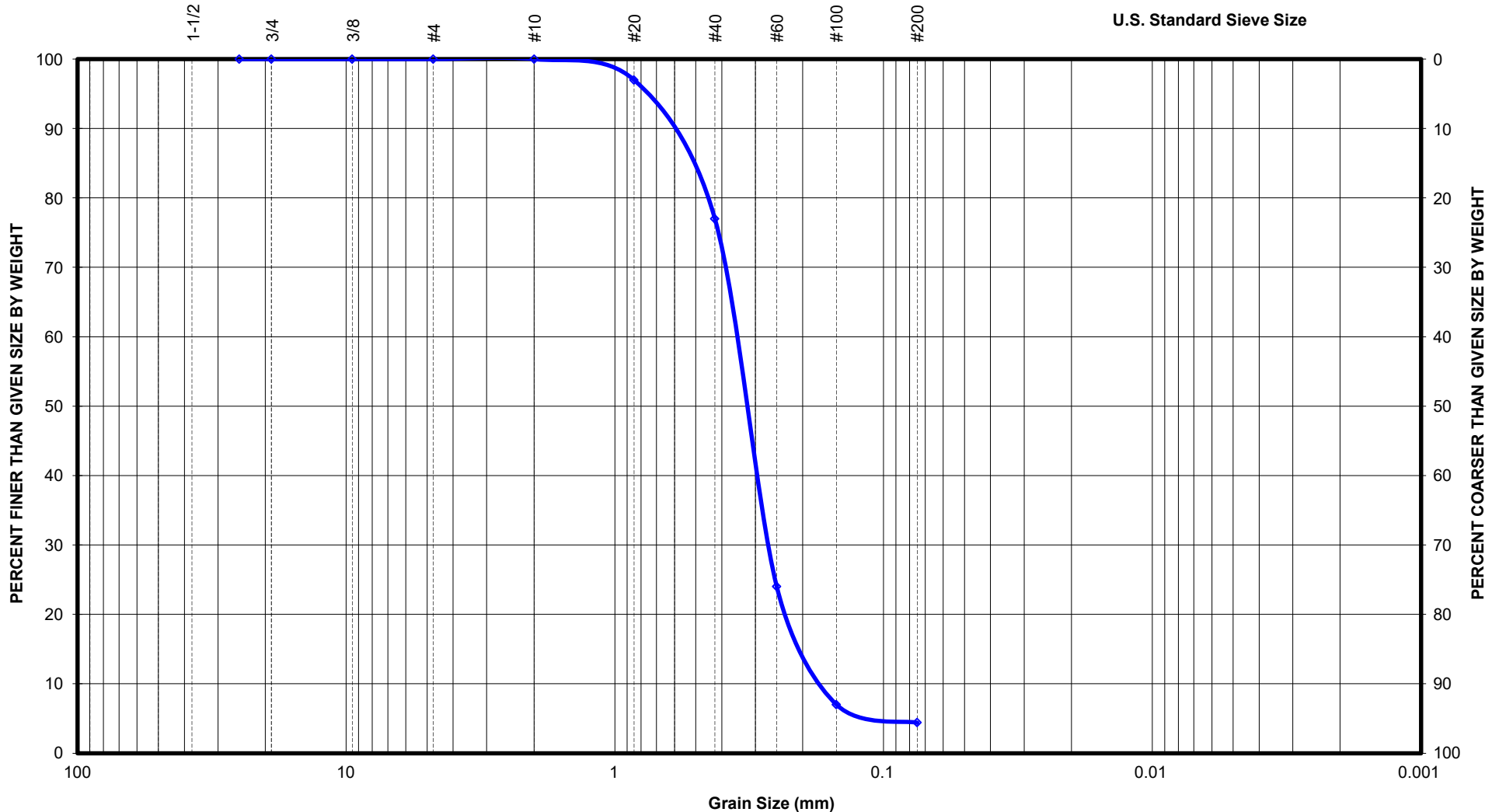


Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.

GRAIN SIZE DISTRIBUTION CURVE

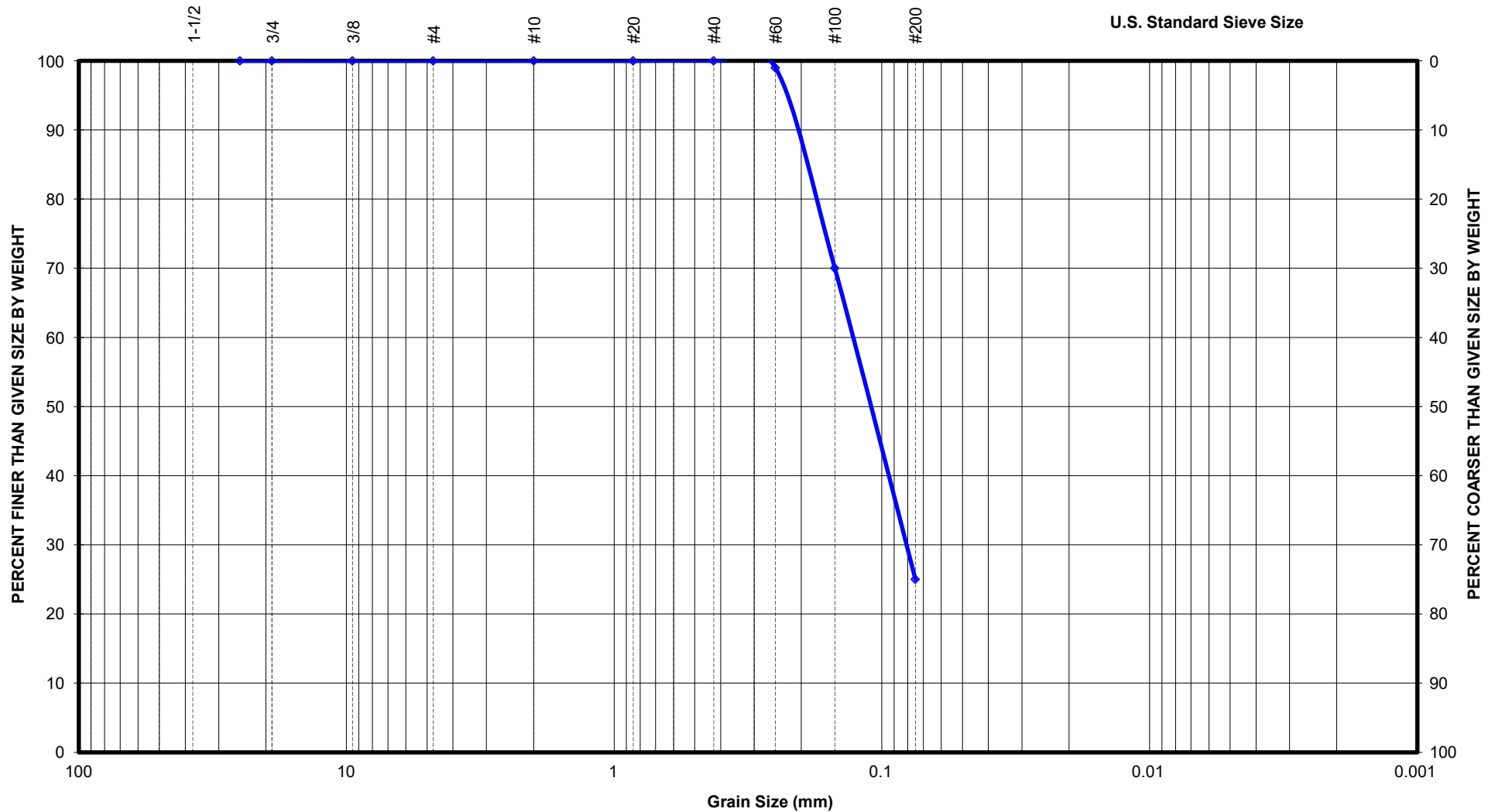
Project No. 61-200330-01 **Project Name** Edgewood Sewer Repairs
Project Location Livonia, MI **Source** Soil Boring
Boring No. B-6 **Sample No.** LS-27 **Sample Depth** 65 feet **Sample Elev. (Tip)** 601 feet
Sample Description SAND, with Trace Silt and Clay
Sampled By Phil Herout **Date** 08/12/2020 **Tested By** Ben Naber **Date** 08/28/2020 **LWO No.**



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

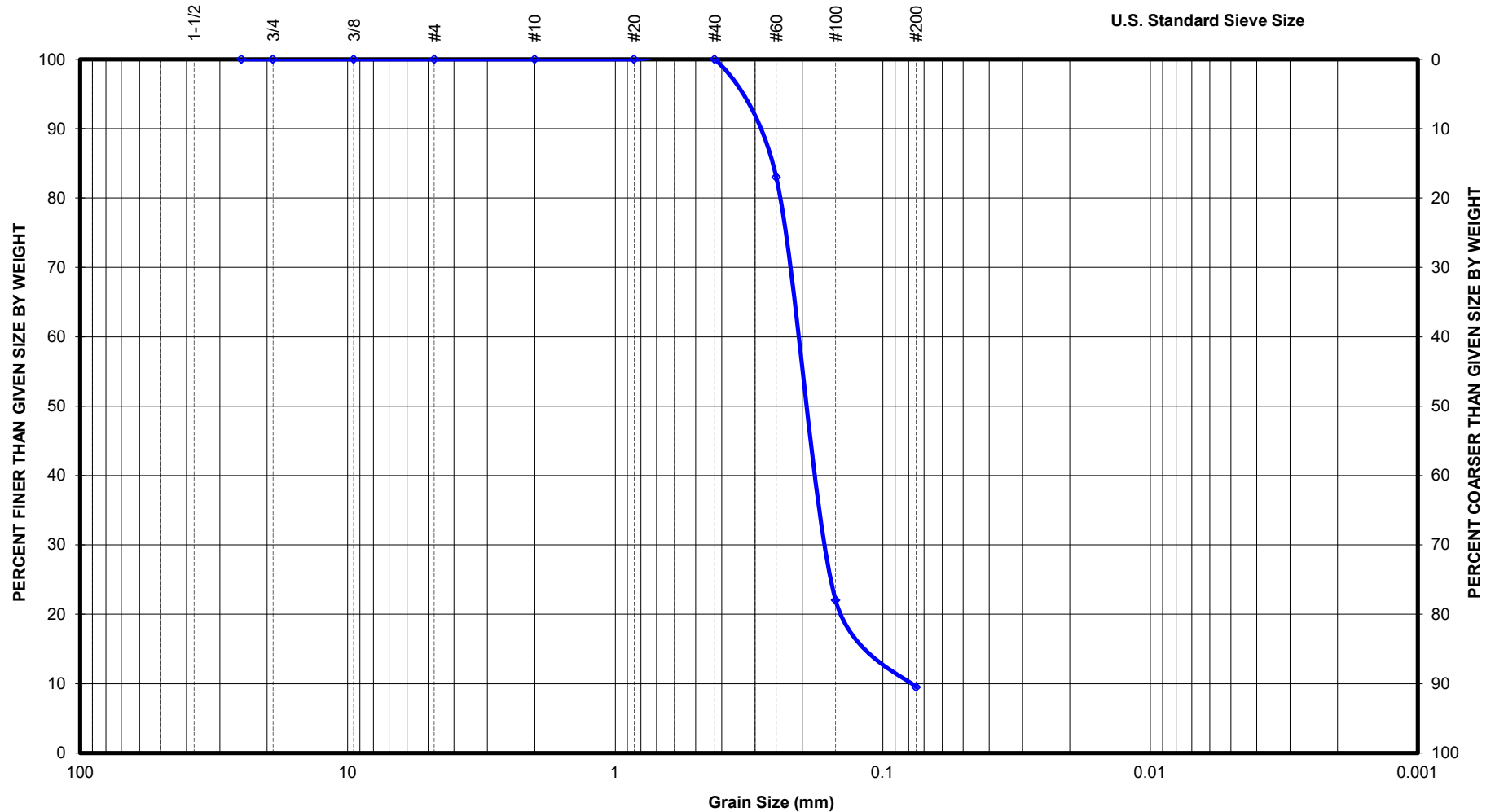
Project No. 61-200330-01 Project Name Edgewood Sewer Repairs
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-7 Sample No. LS-7 Sample Depth 10 feet Sample Elev. (Tip) 640 feet
 Sample Description SILTY SAND, with Trace Clay
 Sampled By David Nymberg Date 08/18/2020 Tested By Ben Naber Date 08/28/2020 LWO No. _____



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

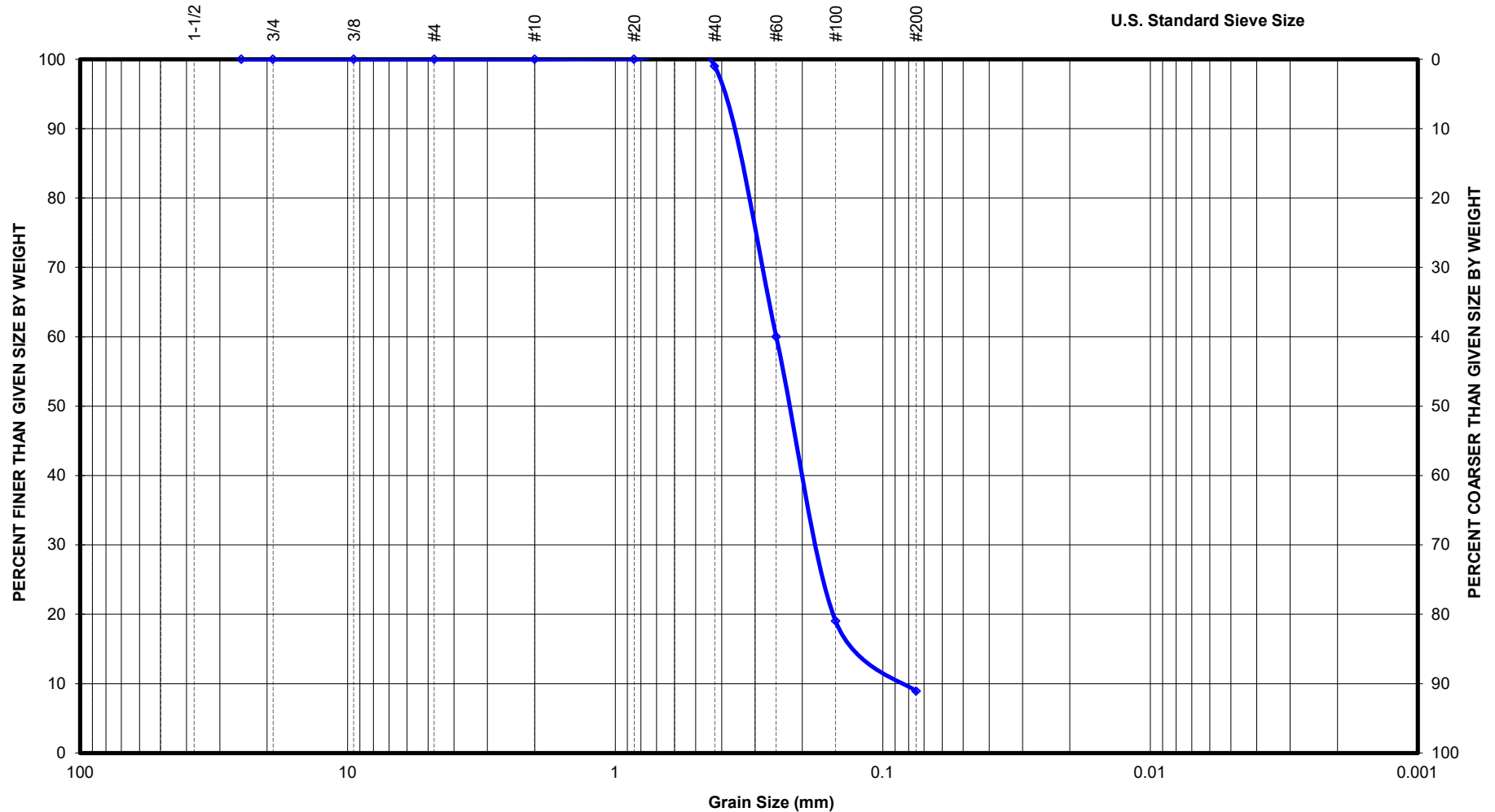
NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-7 Sample No. LS-6 Sample Depth 20 feet Sample Elev. (Tip) 630 feet
 Sample Description SAND, With Trace Silt and Clay
 Sampled By David Nymberg Date 08/18/2020 Tested By Ben Naber Date 08/28/2020 LWO No. _____



NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-7 Sample No. LS-9 Sample Depth 35 feet Sample Elev. (Tip) 615 feet
 Sample Description SAND, with Trace Silt and Clay
 Sampled By David Nymberg Date 08/18/2020 Tested By Ben Naber Date 08/28/2020 LWO No. _____



Project No.	61-200330-01	Project Name	Edgewood Street Sinkhole						
Project Location	Livonia, MI				Source	Soil Boring			
Boring No.	B-8	Sample No.	S-2	Sample Depth	5 feet	Sample Elev. (Tip)	661 feet		
Sample Description	CLAYEY SILT, With Trace Sand								
Sampled By	David Nymberg	Date	09/21/2020	Tested By	Paul Newton	Date	09/25/2020	LWO No.	

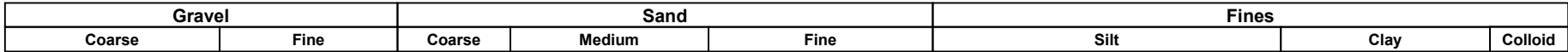
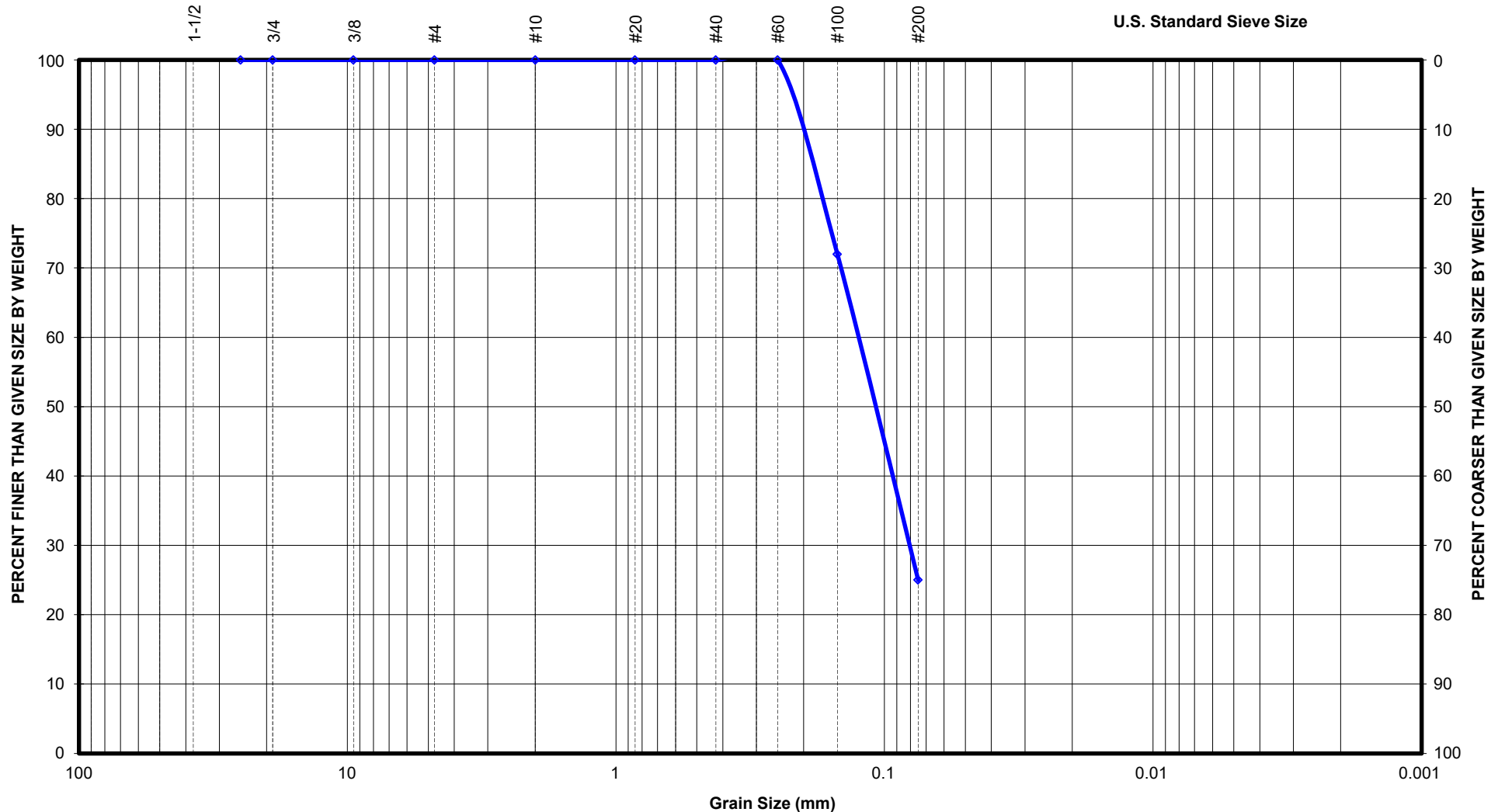


FIGURE NO. 40

NTH Consultants, Ltd.

GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-8 Sample No. S-5 Sample Depth 15 feet Sample Elev. (Tip) 651 feet
 Sample Description SILTY SAND
 Sampled By David Nymberg Date 09/21/2020 Tested By Paul Newton Date 09/25/2020 LWO No. _____

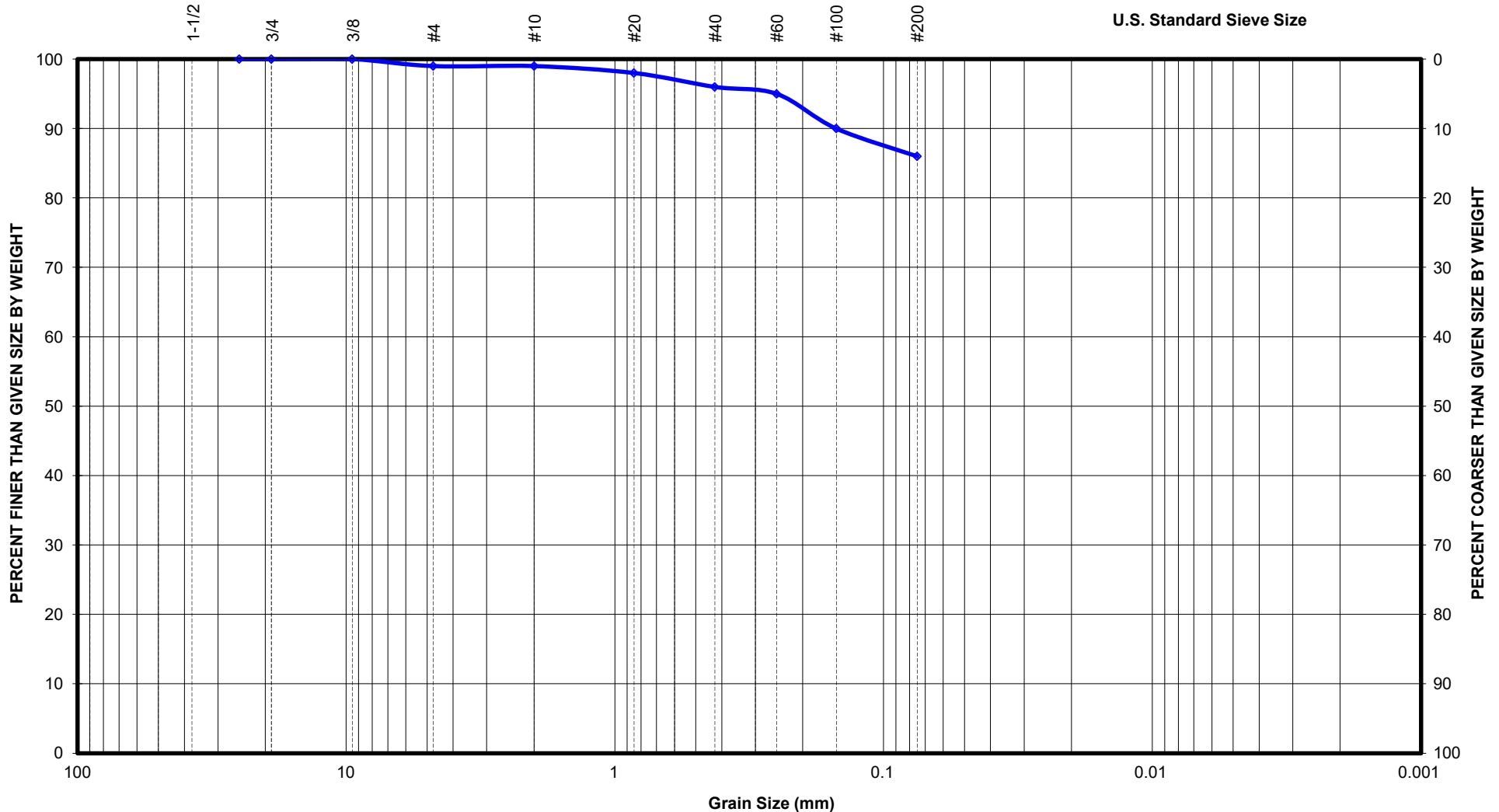


Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.

GRAIN SIZE DISTRIBUTION CURVE

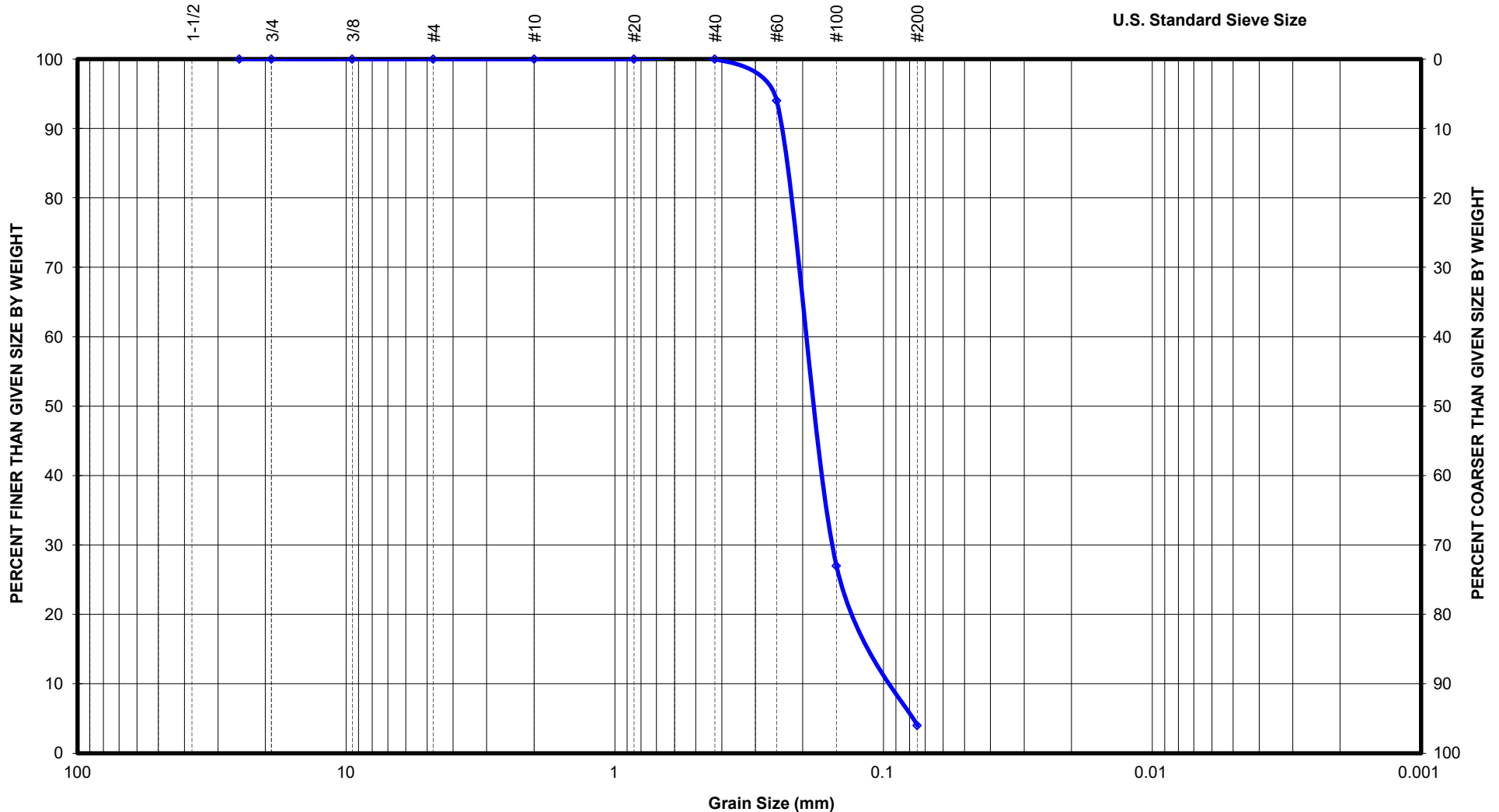
Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-8 Sample No. S-7 Sample Depth 25 feet Sample Elev. (Tip) 641 feet
 Sample Description SANDY SILT, Trace Gravel
 Sampled By David Nymberg Date 09/21/2020 Tested By Paul Newton Date 09/25/2020 LWO No. _____



NTH Consultants, Ltd.

GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-8 Sample No. S-9 Sample Depth 35 feet Sample Elev. (Tip) 631 feet
 Sample Description SAND, with Trace Silt
 Sampled By David Nymberg Date 09/21/2020 Tested By Paul Newton Date 09/25/2020 LWO No. _____

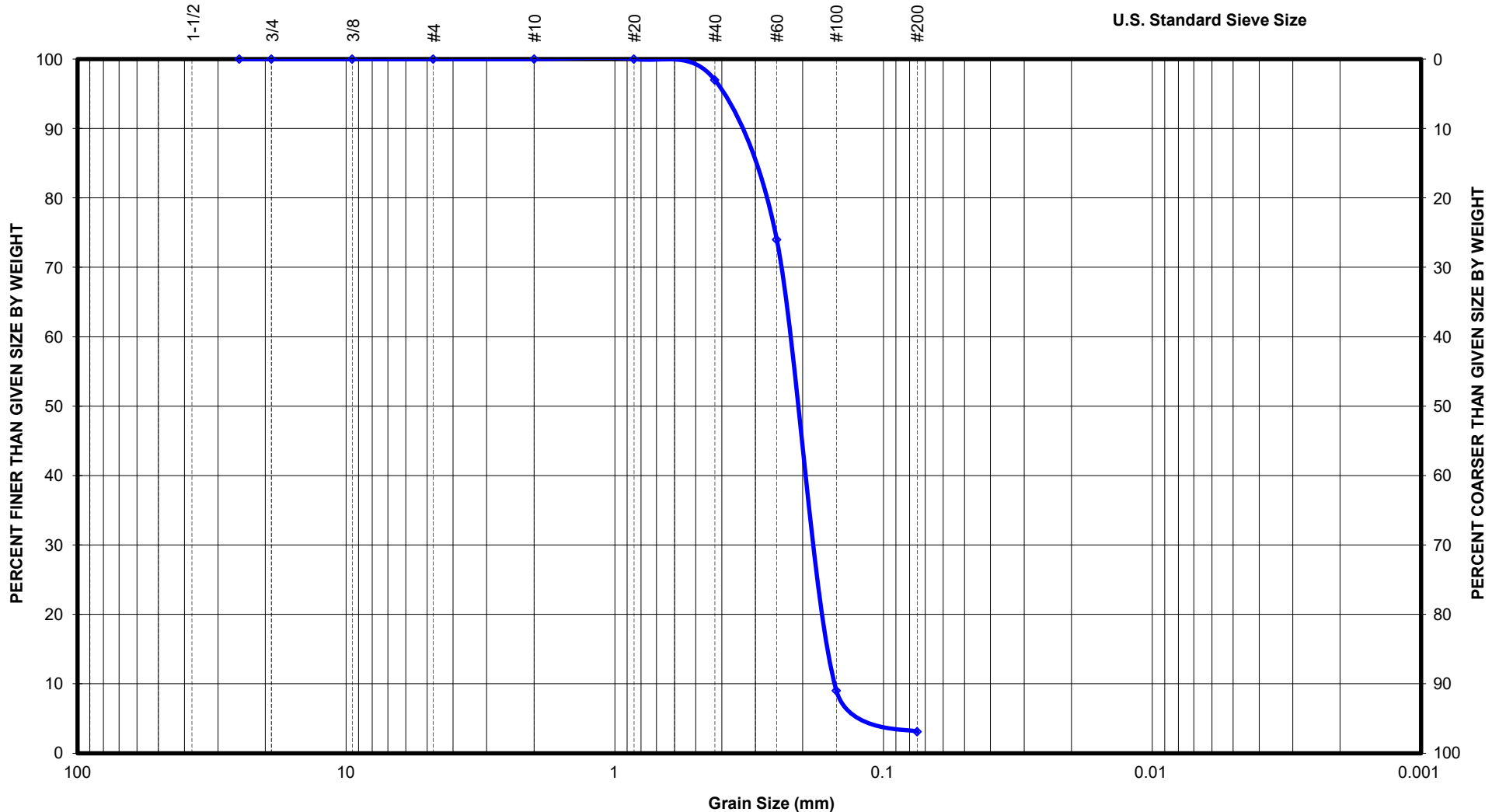


Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.

GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-10 Sample No. S-6 Sample Depth 20 feet Sample Elev. (Tip) 637 feet
 Sample Description SAND, with Trace Silt
 Sampled By David Nymberg Date 09/21/2020 Tested By Paul Newton Date 09/25/2020 LWO No.

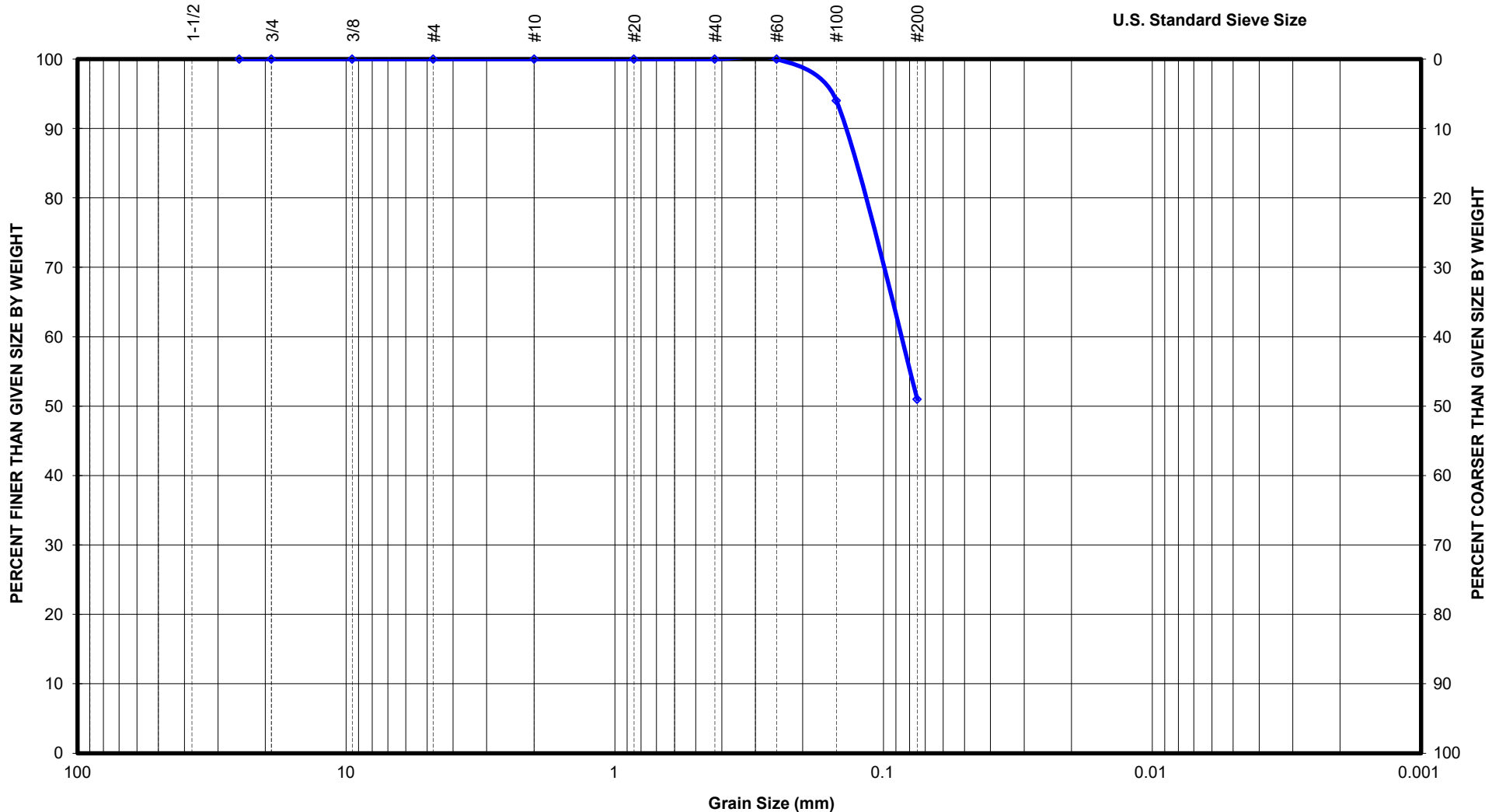


Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

NTH Consultants, Ltd.

GRAIN SIZE DISTRIBUTION CURVE

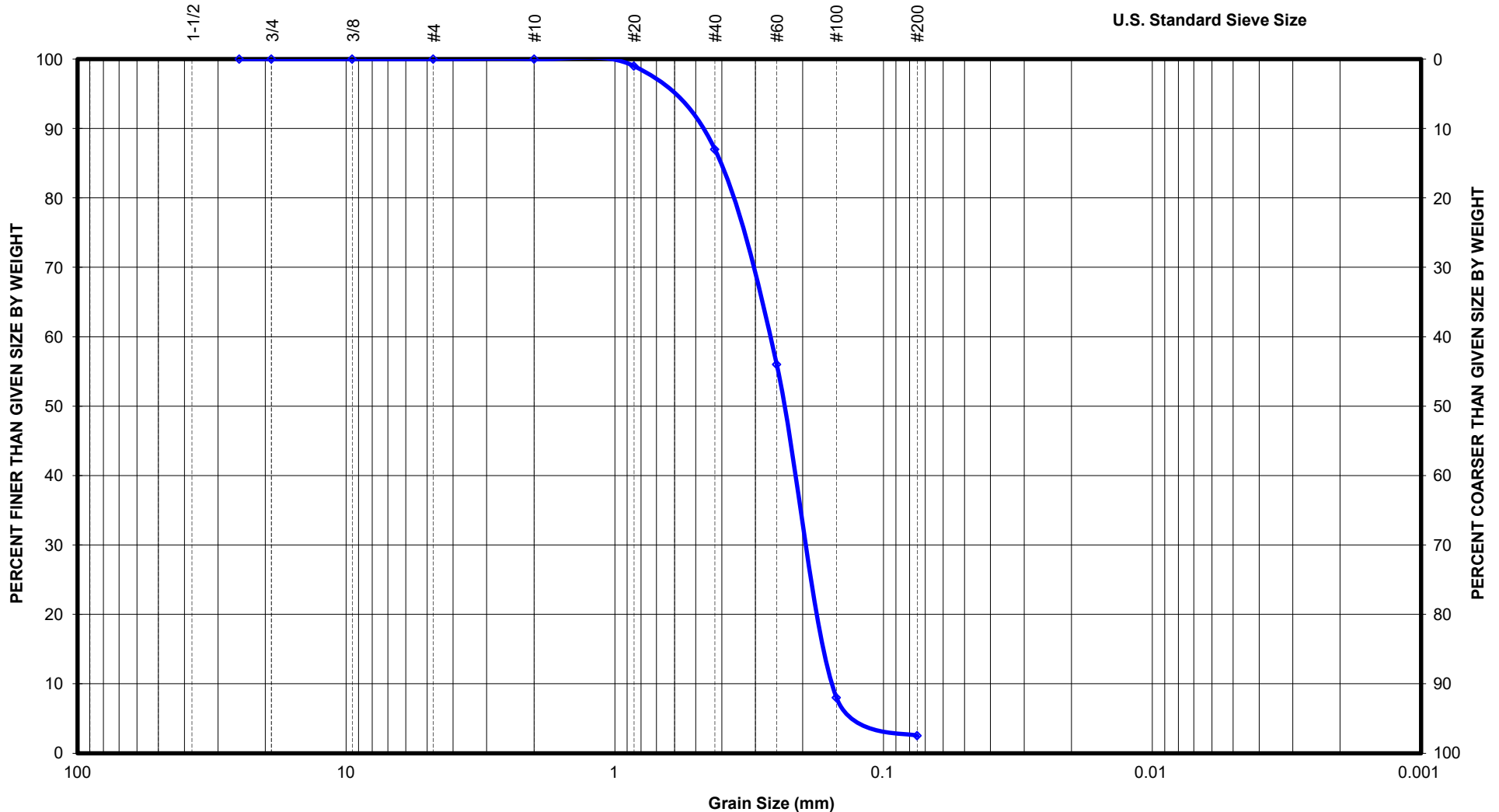
Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-11 Sample No. S-4 Sample Depth 10 feet Sample Elev. (Tip) 639 feet
 Sample Description SILT and SAND
 Sampled By David Nymberg Date 09/22/2020 Tested By Paul Newton Date 09/25/2020 LWO No. _____



NTH Consultants, Ltd.

GRAIN SIZE DISTRIBUTION CURVE

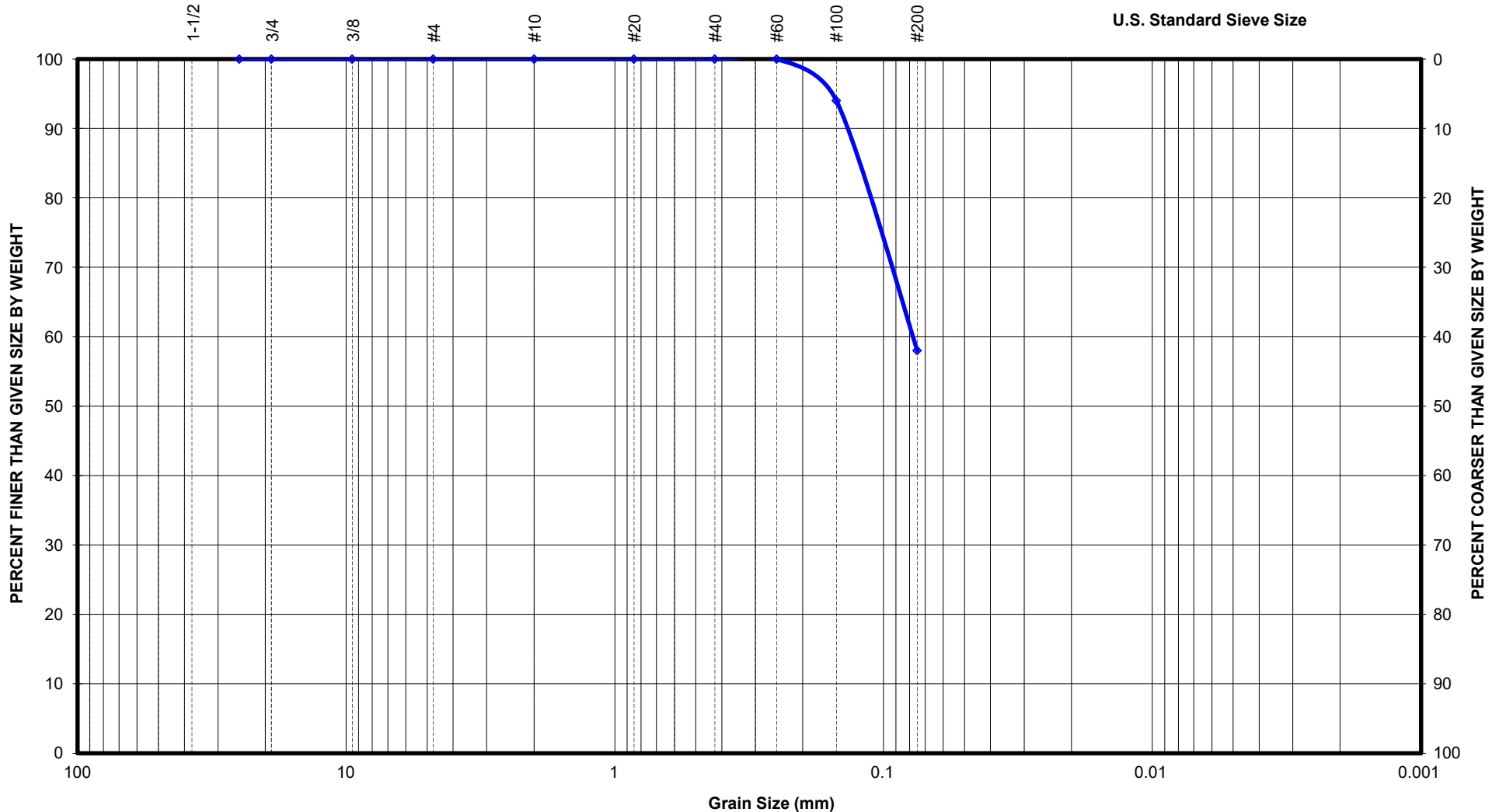
Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-11 Sample No. S-6 Sample Depth 20 feet Sample Elev. (Tip) 629 feet
 Sample Description SAND with Trace Silt
 Sampled By David Nymberg Date 09/22/2020 Tested By Paul Newton Date 09/25/2020 LWO No. _____



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

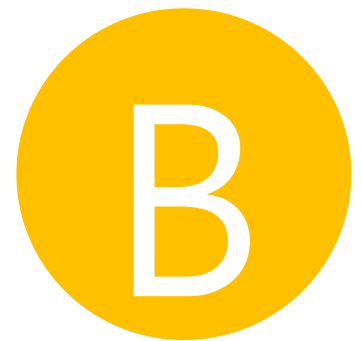
NTH Consultants, Ltd.
GRAIN SIZE DISTRIBUTION CURVE

Project No. 61-200330-01 Project Name Edgewood Street Sinkhole
 Project Location Livonia, MI Source Soil Boring
 Boring No. B-12 Sample No. LS-8 Sample Depth 30 feet Sample Elev. (Tip) 632 feet
 Sample Description SAND and SILT
 Sampled By David Nymberg Date 08/19/2020 Tested By Ben Naber Date 08/28/2020 LWO No. _____



Gravel		Sand			Fines		
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay	Colloid

APPENDIX



DLZ Field Investigation Report Dated
July 27, 2020



INNOVATIVE IDEAS
EXCEPTIONAL DESIGN
UNMATCHED CLIENT SERVICE

July 27, 2020

D'Angelo Brothers, Inc.
30750 W. Eight Mile Road
Farmington Hills, MI 48336

ATTN: Mr. Vince D'Angelo

RE: Field Exploration – Manhole No. 10
Idyle Hills Estates Subdivision on Edgewood Drive
Livonia, Michigan
DLZ Job No: 2026-2018.00

Dear Mr. D'Angelo:

DLZ Michigan, LLC (DLZ) has completed a field exploration for the above-referenced project located in the Idyle Hills Estates Subdivision in Livonia, Michigan. The field exploration presented in this report was performed in accordance with your Notice to Proceed email dated July 23, 2020. Reportedly, a section of an existing sanitary sewer connecting to Manhole No. 10 has collapsed, the field exploration was performed to gather subsurface condition information near the manhole location as part of the emergency response efforts.

It is understood that the City of Livonia (City) personnel first noticed separation of the existing sanitary sewer from Manhole No. 10 located on Edgewood Drive during a recent pipe cleaning. Given the as-built plan (dated April 10, 1962) for the manhole and associated sewer section provided, the existing sewer is a cast-iron sanitary sewer and the invert of the sewer at Manhole No. 10 is at a depth of approximately 23.5 feet below the existing ground surface. Based on our recent conversations, it is our understanding that video inspections of the existing sewer were recently performed and the existing sewer was slip-lined a few weeks ago. Results of the video inspections of the existing sewer are currently not available; however, some of the pipe sections that have been video inspected reportedly appear to be sagging. Reportedly, Manhole No. 10 appeared to have tilted and no visible distresses (such as depression, cracking) were observed at the ground surface near the manhole. However, a depression (sinkhole), approximately 2 feet wide, was reportedly observed approximately 120 feet downslope from Manhole No. 10. Additional details (such as depth and subsurface conditions, etc.) of the depression are currently not available. It is our understanding that sewer pipe separation had reportedly occurred at two locations within the general project area. The disconnected pipes were subsequently replaced and No. 6 and No. 8 stone were used for the pipe bedding and backfill.

Field Exploration

Two borings (B-1 and B-2) were drilled within near Manhole NO. 10 on July 22 and 23, 2020, with a truck-mounted rotary drilling rig, using 3.25-inch I.D. hollow-stem augers and mud rotary drilling techniques to advance the holes through soil. Disturbed split-spoon soil samples were obtained at each boring location in accordance with the Standard Penetration Test (ASTM D1586) at 2.5-foot intervals to a depth of approximately 18.5 feet and 1.5-foot intervals (i.e. continuously) thereafter to the boring completion depths at 41 feet. A boring plan showing the approximate as-drilled locations is attached.

General information concerning the drilling procedures is attached. Upon completion, the borings were backfilled with cement grout.

A log was prepared for each boring. These logs contain visual classifications of the materials encountered in the borings as well as an interpolation of the subsurface conditions between samples. The logs also describe the estimated thicknesses of the materials encountered and the depths where samples were obtained. Subsurface conditions between and beyond boring locations may vary.

Findings – Subsurface Conditions

The borings generally encountered loose to medium dense granular sands (SP-SM, SC, SM) interbedded with variable thicknesses of medium stiff to stiff cohesive soils (CL-ML, CL) to depths of between approximately 18.5 and 27.5 feet, followed by very dense sands (SP, SP-SM) to the termination depth of the borings (41 feet). Approximately 9 feet of sand heave was encountered at a depth of approximately 26.1 feet in boring B-1, which could cause the low SPT blow counts in sample #13 of the boring. Bedrock was not encountered within the depth of borings at 41 feet.

Seepage was first encountered during drilling at depths of between 18.5 and 20 feet in the borings. A measurable groundwater levels was reported at a depth of 20.7 feet in boring B-1 prior to adding water to wash out heaving sands. Measurable groundwater levels were not reported in boring B-2 during drilling. Because of the heaving sand condition, mud rotary drilling technique was used to complete drilling boring B-1 beginning at the depth of approximately 26 feet. At the completion of drilling, water levels were measured in borings B-1 and B-2 at depths of 4.9 feet and 8.5 feet, respectively. However, this water level includes drilling water added to the augers and likely does not reflect the actual groundwater level.

It should be noted that free water can be present in isolated granular pockets that were not disclosed in the borings drilled in this exploration, as well as within existing and any abandoned utility trenches. Groundwater levels may fluctuate with seasonal variations and following periods of heavy or prolonged precipitation.

Future Work

It is our understanding that the disconnected pipe and Manhole No. 10 will be replaced, and you are requesting DLZ to provide the bedding and backfill material recommendations for the replacement pipe. DLZ recommends

that laboratory testing (index tests) be performed on the SPT samples collected from borings B-1 and B-2 and engineering analyses be conducted to determine the particle size requirements or other means for the bedding and backfill materials.

Given the age of the existing pipe system (installed in circa 1962), the re-occurring pipe and manhole failures in the project area, and the presence of a 2-foot depression near Manhole No. 10, it is recommended that before the anticipated replacement of the existing Manhole No. 10 a thorough site investigation including an evaluation of the structural integrity of the existing sewer system be performed and the results of the investigation be incorporated in the anticipated improvements to ensure the long-term performance of the existing sewer system.

Closing Remarks

We appreciate having the opportunity to be of service to you on this project. Please do not hesitate to call if you have any questions regarding the information presented in this letter.

Sincerely,
DLZ



Eric W. Tse, P.E.
Senior Geotechnical Engineer



Gopalan Govender
Office Manager

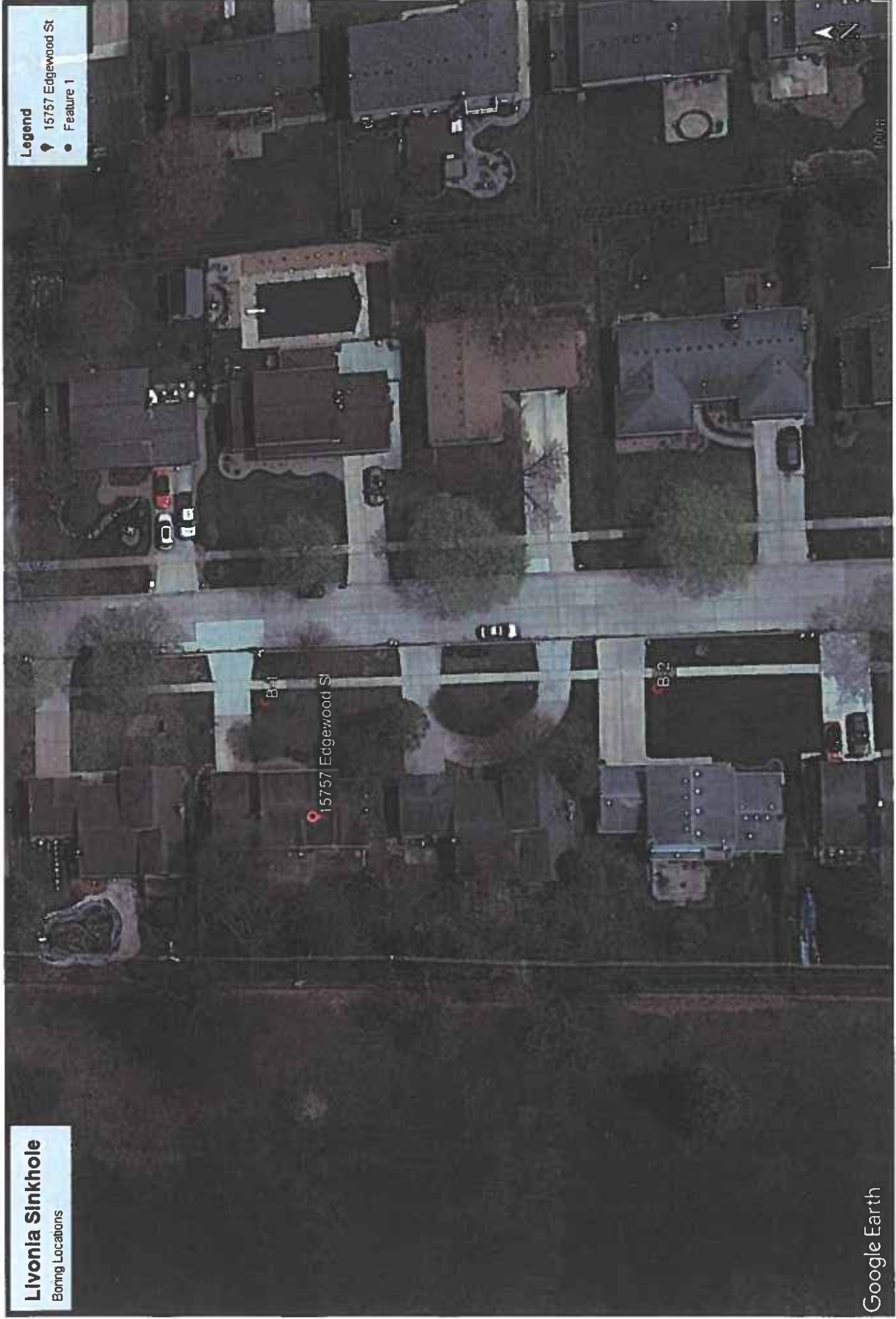
Attachments as noted

Livonia Sinkhole

Boring Locations

Legend

- 15757 Edgewood St
- Feature 1



GENERAL INFORMATION DRILLING PROCEDURES AND LOGS OF BORINGS

Drilling and sampling were conducted in accordance with procedures generally recognized and accepted as standardized methods of investigation of subsurface conditions concerning geotechnical engineering considerations. Borings were drilled with either a truck-mounted or ATV-mounted drill rig.

Drive split-barrel sampling was performed in 1.5 foot increments at intervals not exceeding 5 feet. In the event the sampler encountered resistance to penetration of 6 inches or less after 50 blows of the drop hammer, the sampling increment was discontinued. Standard penetration data were recorded and one or more representative samples were preserved from each sampling increment.

In borings where rock was cored, NXM or NQ size diamond coring tools were used.

In the laboratory all samples were visually classified by a geotechnical engineer. Moisture contents of representative fine-grained soil samples were determined. A limited number of samples, considered representative of foundation materials present, were selected for performance of grain-size analyses and plasticity characteristics tests. The results of these tests are shown on the boring logs.

The boring logs included in the Appendix have been prepared on the basis of the field record of drilling and sampling, and the results of the laboratory examination and testing of samples. Stratification lines on the boring logs indicating changes in soil stratigraphy represent depths of changes approximated by the driller, by sampling effort and recovery, and by laboratory test results. Actual depths to changes may differ somewhat from the estimated depths, or transitions may occur gradually and not be sharply defined. The boring logs presented in this report therefore contain both factual and interpretative information and are not an exact copy of the field log.

Although it is considered that the borings have disclosed information generally representative of site conditions, it should be expected that between borings conditions may occur which are not precisely represented by any one of the borings. Soil deposition processes and natural geologic forces are such that soil and rock types and conditions may change in short vertical intervals and horizontal distances.

Soil/rock samples will be stored at our laboratory for a period of six months. After this period of time, they will be discarded, unless notified to the contrary by the client.

Explanation of each column, progressing from left to right

- ## Relative Soils – Compactness

Cohesive Soils – Consistency

b. Color – If a soil is a uniform color throughout, the term is single, modified by such adjective as light and dark. If the predominant color is shaded by a secondary color, the secondary color precedes the primary color. If two major and distinct colors are swirled throughout the soil, the colors are modified by the term “mottled”.

- | <u>Description</u> | <u>Size</u> | <u>Description</u> | <u>Size</u> |
|--------------------|------------------|--------------------|-----------------------|
| Boulders | Larger than 8" | Sand – Coarse | 4.76 mm to 2.0 mm |
| Cobbles | 8" to 3" | – Medium | 2.0 mm to 0.42 mm |
| Gravel – Coarse | 3" to 0.75" | – Fine | 0.42 mm to 0.074 mm |
| – Fine | 0.75" to 0.1875" | Silt | 0.074 mm to 0.005 mm |
| | | Clay | smaller than 0.005 mm |

d. The main soil component is listed first. The minor components are listed in order of decreasing percentage of particle size.

e. Moisture content of **cohesionless soils** (sands and gravels) is described as follows:

<u>Term</u>	<u>Relative Moisture or Appearance</u>
Dry	No moisture present
Damp	Internal moisture, but none to little surface moisture
Moist	Free water on surface
Wet	Voids filled with free water

f. The moisture content of **cohesive soils** (silts and clays) is expressed relative to plastic properties.

<u>Term</u>	<u>Relative Moisture or Appearance</u>
Dry	Powdery
Damp	Moisture content slightly below plastic limit
Moist	Moisture content above plastic limit but below liquid limit
Wet	Moisture content above liquid limit

10. Rock Hardness and Rock Quality Designation

a. The following terms are used to describe the relative hardness of the **bedrock**.

<u>Term</u>	<u>Description</u>
Very Soft	Permits denting by moderate pressure of the fingers. Resembles hard soil but has rock structure. (Crushes under pressure of fingers and/or thumb)
Soft	Resists denting by fingers, but can be abraded and pierced to shallow depth by a pencil point. (Crushes under pressure of pressed hammer)
Medium Hard	Resists pencil point, but can be scratched with a knife blade. (Breaks easily under single hammer blow, but with crumbly edges.)
Hard	Can be deformed or broken by light to moderate hammer blows. (Breaks under one or two strong hammer blow, but with resistant sharp edges.)
Very Hard	Can be broken only by heavy and in some rocks repeated hammer blows.

b. Rock Quality Designation, RQD – This value is expressed in percent and is an indirect measure of rock soundness. It is obtained by summing the total length of all core pieces which are at least four inches long, and then dividing this sum by the total length of the core run.

11. Gradation – when tests are performed, the percentage of each particle size is listed in the appropriate column (defined in Item 9c).

12. When a test is performed to determine the natural moisture content, liquid limit moisture content, or plastic limit moisture content, the moisture content is indicated graphically.

13. The corrected standard penetration (N_{60}) value in blows per foot is indicated graphically.

[illegible]

[illegible]

CAPITAL OUTLAY AND INFRASTRUCTURE COMMITTEE

November 2, 2020

A Capital Outlay and Infrastructure Committee meeting was held on Monday, November 2, 2020 via ZOOM

Committee Members Present:

Councilmember Cathy White, Chair
Councilmember Jim Jolly, Vice Chair
Council Vice President Scott Bahr, Member

Committee Members Absent:

**City Officials and
Others Present:**

Don Rohraff, Director of Public Works
Jacob Rushlow, Superintendent of Public Service
Paul Bernier, City Attorney
Mike Slater, Director of Finance
Todd Zilincik, City Engineer
Dave Lear, Assistant City Engineer
Casey O'Neil, Director of Information Services

Bradley Shepler, HRC
Dan Mitchell, HRC

The meeting convened at 7:00 p.m.



1. CR 247-20 RESOLVED, that upon the motion by Council Vice President Scott Bahr, seconded by Councilmember Laura Toy, at the Regular Meeting held August 17, 2020, the Council does hereby refer the subject matter of the emergency sewer repair and/or replacement along Edgewood Street and future costs related thereto to the committee for its report and recommendation.

DPW representatives and HRC consultants provided an update to Council regarding the status of the sewer repair.

A history of the repairs between 1996 and 2017 were provided to show contributing factors towards the need for this repair. This included the following:

- Age of the pipe (designed in 1960 and constructed in 1963)
- Larger pipe diameter (18")
- Tendency of the joints to leak and the poor ground conditions (high water level, loose sand & silt)
- The sewer provides a service to approximately 500 homes north of Idyl Wyld golf course
- The location is 25 feet below ground (deeper than today's standards).
- Manhole issues

Actions taken by the City included the following:

- Communicating with the affected residents
- Installing dewatering wells
- Obtaining soil borings
- Creating a geotechnical report
- Contracting with HRC for a preliminary engineering study which has been completed

HRC explored three different alternatives with the City considering general objectives such as capital costs, life cycle costs and future operation and maintenance as well as localized objectives such as project schedule, impacts during construction and future impacts to the residents.

The recommended alternative (Alternative #1) includes the installation of a new pump station and Idyl Wyld force main. The pump station would divert sewage flows from the Edgewood sewer and a new pressurized sewer would be installed. The project would be divided into two phases to minimize the construction impact and would constitute a long-term fix to the existing problems.

The Committee recommends:

ADOPTION OF A RESOLUTION IN SUPPORT OF ALTERNATIVE #1 AND DIRECTS THE ADMINISTRATION TO PRESENT A "NOT TO EXCEED" AMOUNT AND RECOMMENDED CONTRACTORS TO BE UTILIZED TO COMPLETE THE PROJECT TO THE COUNCIL FOR ITS APPROVAL

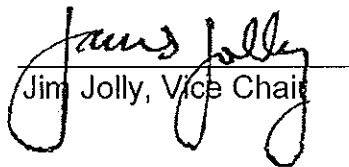
Note: This item will be out of Committee.

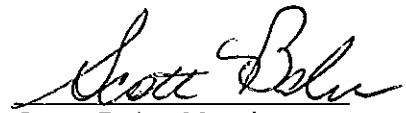
This item is to be placed on the **Regular Meeting Agenda of November 16, 2020**

The meeting adjourned at 7:54pm.

Respectfully submitted,


Cathy White, Chair


Jim Jolly, Vice Chair


Scott Bahr, Member

cc: City Attorney, City Clerk

Minutes of the August 17, 2020 Regular Meeting

On a motion by Bahr, supported by Toy, and unanimously adopted, it was:

CITY COUNCIL and
WATER AND SEWER

(Scott Bahr)
Subject matter of the
emergency sewer repair
and/or replacement along
Edgewood Street and
future costs related thereto
(Refer to Capital Outlay
and Infrastructure
Committee)

#247-20 RESOLVED, that upon the motion by Council Vice President Scott Bahr, seconded by Councilmember Laura Toy, at the Regular Meeting held August 17, 2020, the Council does hereby refer the subject matter of the emergency sewer repair and/or replacement along Edgewood Street and future costs related thereto to the Capital Outlay and Infrastructure Committee for its report and recommendation.

August 17, 2020

NEW BUSINESS AGENDA ITEM (Regular Meeting of August 17, 2020)

Motion by: Bahr

Seconded by: Toy

ROLL CALL:

Ayes: Jolly, Toy, Bahr, White, McCullough, Donovic, McIntyre

Nays: None

Absent: None



REPORT TO THE LIVONIA CITY COUNCIL

Law

October 23, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Carol Driskill, Legal Stenographer II, Law

AGENDA ITEM

PROPOSED AMENDMENT TO ZONING ORDINANCE NO. 543, AS AMENDED: Department of Law, re: Petition 2020-07-01-03 submitted by Leo Soave Building Company, Inc, for a change of zoning of property located on the south side of Lyndon Avenue between Newburgh and Hix Roads (37855 Lyndon Avenue), in the Southeast 1/4 of Section 19, from PL (Public Land) to R-1 (One Family Residential).

BACKGROUND

Proposed Amendment to Zoning Ordinance - Petition 2020-07-01-03

RECOMMENDATION

First Reading

FISCAL CONSIDERATION

ATTACHMENTS

1. Petition 2020-07-01-03 - Webster Elementary School Site
2. PH092820 Petition 2020-07-01-03 (Leo Soave Building, Webster School Site) 37855 Lyndon Avenue (REZONING)

APPROVED BY

A handwritten signature in blue ink, appearing to read "Paul Bernier".

Paul Bernier, City Attorney

Date: November 09, 2020

A handwritten signature in blue ink, appearing to read "Carol Driskill".

Date: November 09, 2020

DEPARTMENT OF LAW

PAUL A. BERNIER

City Attorney

MICHAEL E. FISHER

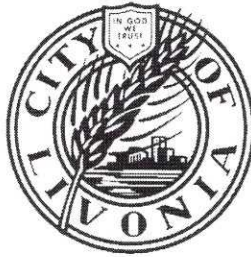
Chief Assistant City Attorney

ERIC S. GOLDSTEIN

Assistant City Attorney

LEO D. NEVILLE

Assistant City Attorney



MAUREEN MILLER BROSNAN

MAYOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2520
FAX: (734) 466-2072

October 21, 2020

TO: HONORABLE MEMBERS OF THE CITY COUNCIL

FROM: DEPARTMENT OF LAW

SUBJECT: Proposed Amendment to Zoning Ordinance - Petition 2020-07-01-03

RE: Request to Rezone the Property at 37855 Lyndon Avenue (former Webster Elementary School Site), located on the South side of Lyndon Avenue between Newburgh and Hix Road, in the Southeast ¼ of Section 19, from PL (Public Land) to R-1 (One Family Residential – 60' x 120' Lots)

Dear Council Members:

At your Regular Meeting held on October 19, 2020, you responded to Petition 2020-07-01-03, submitted by Leo Soave Building Company, Inc., for a change of zoning to the Property at 37855 Lyndon Avenue (former Webster Elementary School Site), located on the South side of Lyndon Avenue between Newburgh and Hix Road, in the Southeast ¼ of Section 19, from PL (Public Land) to R-1 (One Family Residential – 60' x 120' Lots).

Accordingly, herewith submitted for your consideration is the proposed ordinance amendment prepared by the Department of Law, together with the map prepared by the Planning Department.

Approved for submission:


Maureen Miller Brosnan, Mayor

Very truly yours,


Paul A. Bernier, City Attorney

PAB/bks
Attachment

cc: Mayor, City Clerk, Council, Finance, DPW, Engineering, Planning, Assessor
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AN ORDINANCE AMENDING SECTION 24 OF THE ZONING MAP OF THE CITY OF LIVONIA AND AMENDING ARTICLE III OF ORDINANCE NO. 543, AS AMENDED, KNOWN AND CITED AS "THE CITY OF LIVONIA ZONING ORDINANCE" BY ADDING SECTION 3.____ THERETO.

THE CITY OF LIVONIA ORDAINS:

Section 1. Pursuant to the report of the City Planning Commission, dated August 19, 2020, setting forth its resolution 08-35-2020 recommending approval of Petition 2020-07-01-03, having been considered by the Council, and the Council having conducted a public hearing on September 28, 2020, on said petition, and having concurred in the recommendation of the City Planning Commission, the Council hereby adopts said Petition 2020-07-01-03 to amend the Zoning Ordinance and Zoning Map of the City of Livonia and all proceedings heretofore conducted on said petition are hereby approved.

Section 2. Article III of the City of Livonia Zoning Ordinance, Ordinance No. 543, as amended, is hereby amended by adding thereto the following section:

Section 3. . Petition 2020-07-01-03 submitted by Leo Soave Building Company, Inc. is hereby approved, and the zoning classification of the premises hereinafter described is hereby changed from PL (Public Lands) to R-1 (One Family Residential):

Land situated in the City of Livonia, Wayne County, Michigan, described as follows:

Land in the City of Livonia, Wayne County, MI, described as follows: Part of the Southeast ¼ of Section 19, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan, described as follows: Beginning at a point on the East and West ¼ line of Section 19, Town 1 South, Range 9 East, distant South 89 degrees 56 minutes 25 seconds East 643.85 feet from the Center Corner of said Section, and proceeding thence along said ¼ line South 89 degrees 56 minutes 25 seconds East 531.13 feet; thence South 0 degrees 14 minutes 30 seconds East 393.68 feet; thence South 89 degrees 46 minutes 20 seconds East 48.36 feet; thence South 0 degrees 18 minutes 40 seconds East 439.08 feet; thence along the center line of future Mason Avenue, 60 feet wide, South 89 degrees 41 minutes 20 seconds West 479.00 feet; thence North 0 degrees 18 minutes 40 seconds West 836.00 feet to the point of beginning, except the South 30 feet thereof. And Part of the Southeast ¼ of Section 19, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan described as follows: Beginning at a point on the

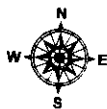
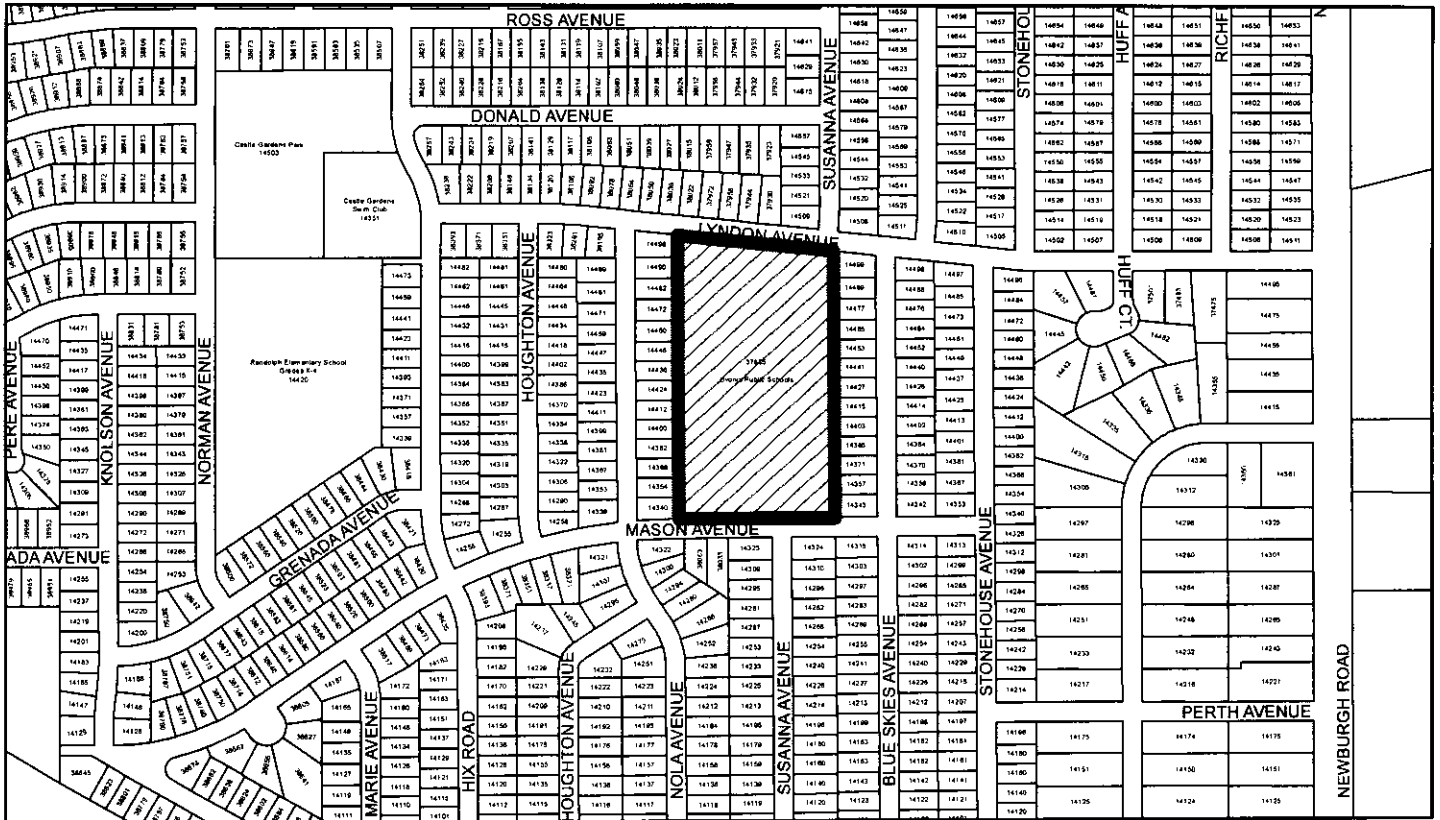
East and West $\frac{1}{4}$ line of Section 19, Town 1 South, Range 9 East, distant South 89 degrees 56 minutes 25 seconds East 1074.98 feet from Center Corner of said Section, and proceeding thence along said $\frac{1}{4}$ line South 89 degrees 56 minutes 25 seconds East 47.88 feet; thence South 0 degrees 18 minutes 40 seconds East 393.82 feet; thence North 89 degrees 45 minutes 20 seconds West 48.38 feet; thence North 0 degrees 14 minutes 30 seconds West 393.68 feet to the point of beginning. And Part of the Northeast $\frac{1}{4}$ of Section 19, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan, described as follows: Beginning at a point on the East and West $\frac{1}{4}$ line of Section 19, Town 1 South, Range 9 East, distant South 89 degrees 56 minutes 25 seconds East 643.85 feet from the Center Corner of said Section, and proceeding thence North 0 degrees 18 minutes 40 seconds West 100.00 feet; thence along the center line of future Lyndon Avenue, 60 feet wide, South 83 degrees 59 minutes 10 seconds East 23.89 feet; thence South 00 degrees 18 minutes 40 seconds East 97.34 feet; thence along said East and West $\frac{1}{4}$ line North 89 degrees 56 minutes 25 seconds West 23.55 feet to the point of beginning, except the North 30 feet thereof. And Part of the Northeast $\frac{1}{4}$ line of Section 19, Town 1 South, Range 9 East, beginning at a point on the East and West $\frac{1}{4}$ line of Section 19, Town 1 South, Range 9 East, distance South 89 degrees 56 minutes 25 seconds East 667.40 feet from the Center Corner of said Section; and proceeding thence North 0 degrees 18 minutes 40 seconds West 97.54 feet; thence along the center line of future Lyndon Avenue, 60 feet wide, South 83 degrees 59 minutes 10 seconds East 458.24 feet; thence South 0 degrees 18 minutes 40 seconds East 50.01 feet; thence along said East and West $\frac{1}{4}$ line North 89 degrees 56 minutes 25 seconds West 455.46 feet to the point of beginning, except the North 30 feet thereof.

Section 4. The attached map designated "Amendment No. ____ to the Zoning Map of the City of Livonia" showing all of the amendments and changes made in the foregoing Section 2 of this ordinance is hereby approved, established and made a part hereof.

Section 5. All ordinances or parts of ordinances in conflict herewith are hereby repealed only to the extent necessary to give this ordinance full force and effect.

Section 6. Should any portion of this ordinance be held invalid for any reason, such holding shall not be construed as affecting the validity of any of the remaining portions of this ordinance.

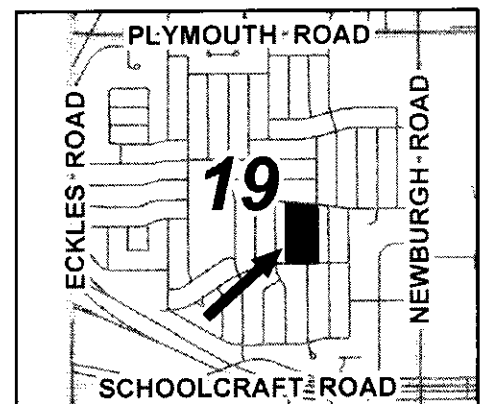
BOUNDARY OF DISTRICT AS AMENDED FROM PL, PUBLIC LANDS TO R-1, ONE FAMILY RESIDENTIAL - 60' X 120' LOTS



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Feet

PETITION NO. 2020-07-01-03
A PART OF THE S.E. 1/4 OF SECTION 19

AMENDMENT NO. TO THE
ZONING MAP OF THE
CITY OF LIVONIA, MICHIGAN
ORDINANCE NO.
Adopted by the City Council on



MAYOR
CLERK

DEPARTMENT OF LAW

PAUL A. BERNIER

City Attorney

MICHAEL E. FISHER

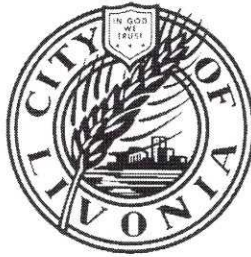
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MAUREEN MILLER BROSNAN

MAYOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2520
FAX: (734) 466-2072

October 21, 2020

TO: HONORABLE MEMBERS OF THE CITY COUNCIL

FROM: DEPARTMENT OF LAW

SUBJECT: Proposed Amendment to Zoning Ordinance - Petition 2020-07-01-03

RE: Request to Rezone the Property at 37855 Lyndon Avenue (former Webster Elementary School Site), located on the South side of Lyndon Avenue between Newburgh and Hix Road, in the Southeast ¼ of Section 19, from PL (Public Land) to R-1 (One Family Residential – 60' x 120' Lots)

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Accordingly, herewith submitted for your consideration is the proposed ordinance amendment prepared by the Department of Law, together with the map prepared by the Planning Department.

Approved for submission:


Maureen Miller Brosnan, Mayor

Very truly yours,


Paul A. Bernier, City Attorney

PAB/bks
Attachment

cc: Mayor, City Clerk, Council, Finance, DPW, Engineering, Planning, Assessor
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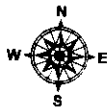
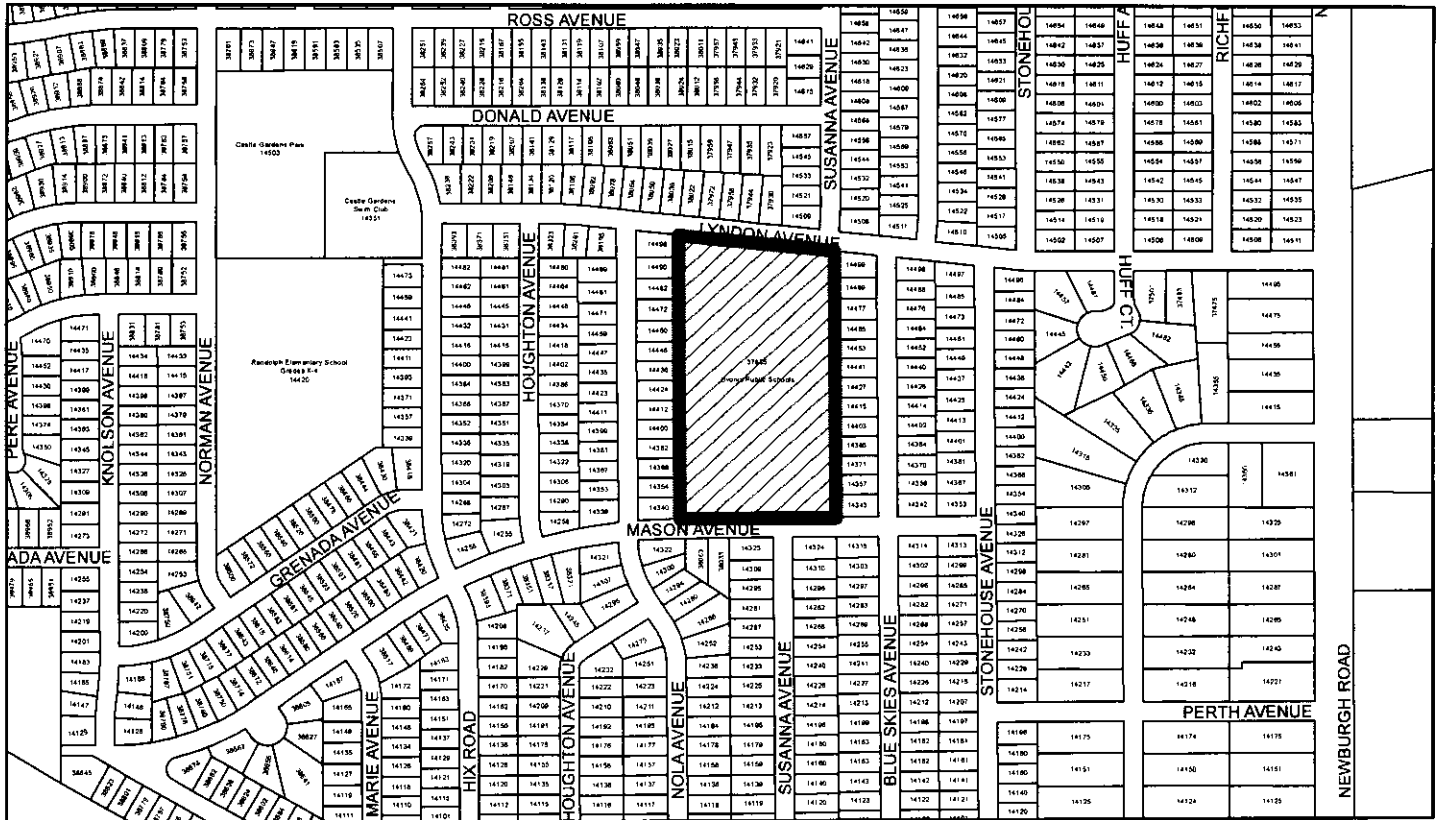
East and West $\frac{1}{4}$ line of Section 19, Town 1 South, Range 9 East, distant South 89 degrees 56 minutes 25 seconds East 1074.98 feet from Center Corner of said Section, and proceeding thence along said $\frac{1}{4}$ line South 89 degrees 56 minutes 25 seconds East 47.88 feet; thence South 0 degrees 18 minutes 40 seconds East 393.82 feet; thence North 89 degrees 45 minutes 20 seconds West 48.38 feet; thence North 0 degrees 14 minutes 30 seconds West 393.68 feet to the point of beginning. And Part of the Northeast $\frac{1}{4}$ of Section 19, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan, described as follows: Beginning at a point on the East and West $\frac{1}{4}$ line of Section 19, Town 1 South, Range 9 East, distant South 89 degrees 56 minutes 25 seconds East 643.85 feet from the Center Corner of said Section, and proceeding thence North 0 degrees 18 minutes 40 seconds West 100.00 feet; thence along the center line of future Lyndon Avenue, 60 feet wide, South 83 degrees 59 minutes 10 seconds East 23.89 feet; thence South 00 degrees 18 minutes 40 seconds East 97.34 feet; thence along said East and West $\frac{1}{4}$ line North 89 degrees 56 minutes 25 seconds West 23.55 feet to the point of beginning, except the North 30 feet thereof. And Part of the Northeast $\frac{1}{4}$ line of Section 19, Town 1 South, Range 9 East, beginning at a point on the East and West $\frac{1}{4}$ line of Section 19, Town 1 South, Range 9 East, distance South 89 degrees 56 minutes 25 seconds East 667.40 feet from the Center Corner of said Section; and proceeding thence North 0 degrees 18 minutes 40 seconds West 97.54 feet; thence along the center line of future Lyndon Avenue, 60 feet wide, South 83 degrees 59 minutes 10 seconds East 458.24 feet; thence South 0 degrees 18 minutes 40 seconds East 50.01 feet; thence along said East and West $\frac{1}{4}$ line North 89 degrees 56 minutes 25 seconds West 455.46 feet to the point of beginning, except the North 30 feet thereof.

Section 4. The attached map designated "Amendment No. ____ to the Zoning Map of the City of Livonia" showing all of the amendments and changes made in the foregoing Section 2 of this ordinance is hereby approved, established and made a part hereof.

Section 5. All ordinances or parts of ordinances in conflict herewith are hereby repealed only to the extent necessary to give this ordinance full force and effect.

Section 6. Should any portion of this ordinance be held invalid for any reason, such holding shall not be construed as affecting the validity of any of the remaining portions of this ordinance.

BOUNDARY OF DISTRICT AS AMENDED FROM PL, PUBLIC LANDS TO R-1, ONE FAMILY RESIDENTIAL - 60' X 120' LOTS

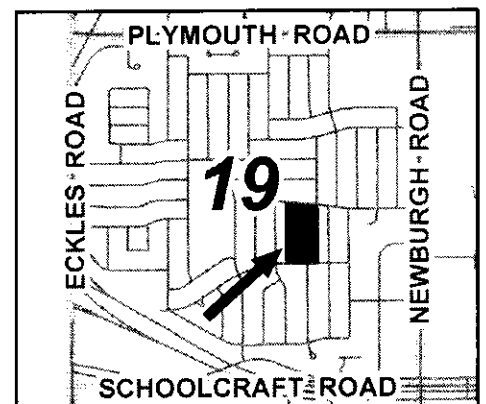


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PETITION NO. 2020-07-01-03
A PART OF THE S.E. 1/4 OF SECTION 19

AMENDMENT NO. TO THE
ZONING MAP OF THE
CITY OF LIVONIA, MICHIGAN
ORDINANCE NO.

Adopted by the City Council on



MAYOR
CLERK

**CITY OF LIVONIA
PUBLIC HEARING**

Minutes of Meeting Held on Monday, September 28, 2020

A Public Hearing of the Council of the City of Livonia was held virtually via ZOOM on Monday September 28, 2020.

MEMBERS PRESENT: Kathleen McIntyre, President
Vice President Scott Bahr
Jim Jolly
Brandon McCullough
Laura M. Toy
Cathy K. White

MEMBERS ABSENT: Rob Donovic

OTHERS PRESENT: Mark Taormina, Director of Economic Development
Todd Zilincik, City Engineer
Paul Bernier, City Attorney
Sara Kasprowicz, Recording Secretary

The Public Hearing was called to order at 7:00 p.m. with Vice President Scott Bahr presiding. This item is regarding **Petition 2020-07-01-03** submitted by Leo Soave Building Company, Inc. pursuant to Section 23.01 of the City of Livonia Zoning Ordinance #543, as amended, requesting to rezone the property at 37855 Lyndon Avenue (former Webster Elementary School site), located on the south side of Lyndon Avenue between Newburgh and Hix Road, in the Southeast 1 of Section 19, from PL (Public Land) to R-1, (One Family Residential - 60'x 120'Lots).

This item will move to the Regular Meeting of **October 19, 2020**.

The Public Hearing is now open. There were 19 people in the audience.

Bahr: I want to clarify for those joining us, Council President would normally be running this meeting, but she has asked me to run this meeting tonight. From the location she is in, it seemed to make more sense and so I am happy to do that, although I will eagerly welcome her back when she's ready for the next one. With that being said, the public hearing is now officially open for comments. When we go to audience members, we ask that you clearly state your name and address before making your comments, but before we go to the audience, perhaps we go first to Mark Taormina, our Economic Development Director. He can take us through the particulars of this proposal. Mark?

Taormina: Thank you Mr. Chairman. This is the request to rezone the former Webster Elementary School property, as was indicated from the current classification of P-L, Public Lands, to R-1, One Family Residential. This Petition is one of three involving former school properties. The other two include Adams, which is located on the South side of Lyndon, between Harrison and Inkster and then Wilson, which is located at the Northwest corner of Harrison and West Chicago. This property is about 9.34 acres in total area. As you can see, it is on the South side of Lyndon and the North side of Mason Street and its between Nola and Blue Skies Avenue, both of which contain single-family lots that border the property. All the surrounding area of the subdivision is part of the Castle Gardens subdivision. The proposed rezoning and subsequent residential development involves the entire property, which is currently owned by Livonia Public Schools. LPS is in the process of selling the land to the Petitioner. The subject site is surrounded by R-1 zoning. All of the lots in the area measure at least 60 feet by 120 feet and 7,200 square feet is the minimum required for the R-1 zoning. A conceptual plan was presented with the rezoning application, it shows a total of 31 lots and as you can see from this plan, the majority of those lots would be served by a cul-de-sac street that would extend North from Mason, providing access to lots 1 through 21. Lots 22 and 23 are in the Southwest corner of the site and on this plan, that would be the bottom left. You can see those two lots would have direct frontage on Mason. Adjacent to these lots is a small, open-space park and then at the North end of the development, lots 20 through 31 would all have frontage directly on Lyndon. Other features of the plan, as you can see, include a stormwater detention basin, which is along the West side of the property and then a second, larger open-space area, which is located in the Northwest corner. The street, in this conceptual plan, would be the minimum required 60 feet in width. The diameter of the cu-de-sac would be 120 feet, also in conformance with our design guidelines. The future land use map would show the site as parks and community, reflecting the current ownership and former use of the property as a school site. Planning Commission reviewed this rezoning request two weeks back and is recommending approval to the R-1 zoning classification. Thank you.

Bahr: Thank you, Mr. Taormina. Council, do we have any questions for the Planning Director? Council President McIntyre?

McIntyre: Vice President Bahr, I just wanted to follow up on something that Mr. Taormina said that in the past, has sometimes been an issue of confusion and that is, that this property is owned by the Livonia School District, Livonia Public Schools, that is a separate legal entity from the City of Livonia. We have no jurisdiction or no control over the decisions they make regarding their property. This is a sale by Livonia Public Schools, not by the City of Livonia. Thank you, Vice President Bahr.

- Bahr: Thank you for clarifying that, let me clarify, which may have already been said, but Mark, has this property been sold already or is it a pending sale?
- Taormina: I believe it is a pending sale, you'll have to verify that with the applicant.
- Bahr: Ok. Councilwoman Toy?
- Toy: Thank you, Mr. Chair. If I may just ask a couple questions to Mr. Taormina. Did you say that the Castle Gardens subdivision that surrounds it are mostly R-1 lots if not all R-1 lots?
- Taormina: Yeah, if you can see the map on the screen, that is the surrounding zoning, its denoted R-1 and that includes all of the surrounding developed properties have the same zoning as what is proposed for this site.
- Toy: Ok, so these aren't site condominiums or detached or anything, they are actually homes?
- Taormina: They are detached, site condominiums and homes, all three.
- Toy: All three?
- Taormina: Yeah, these are site condominiums, they would be detached. All single-family residential homes, that's correct.
- Toy: Do we know the square footage of the proposal or should I wait to ask that to the Petitioner?
- Taormina: Well, the plan is showing that all of the lots would meet the 7,200 square foot minimum requirement of the R-1. This is a conceptual plan, but I don't believe there would be anything other than conforming R-1 lots proposed with this project.
- Toy: Ok, may I also, Mr. Chair, one last question. When you talk about the open park area, I'm not sure if this question should go to you or the Petitioner, what is that proposing? Playground, slides, pools, or what?
- Taormina: Madam Toy, I'll defer that question to the developer. One thing, and again, these are site plan details that we'll be getting into later on in the process, should this move forward. The way this plan is illustrated currently, those would be general common elements within the condominium complex, they are not intended to be public open space park. The stormwater detention basin would also be a general, common element within the condominium. Whether or not there would be any improvements to the

open space park, in terms of play equipment or anything else, again, that's something the Petitioner would have to respond to.

Toy: Certainly, I just didn't know if that was discussed in the matter at this point.

Taormina: Not yet.

Toy: Thank you very much. Thank you, Mr. Chair.

Bahr: Thank you. We have a couple of the Council people with questions, but before we get to that, I should clarify at this point too, what we are dealing with tonight is a rezoning request so while its typical to get some questions related to site plans, at this time, because it does inform the zoning question, I just want to make sure the public knows and that we all remember that what we are talking about is rezoning and not a site plan yet. With that being said, Councilman Jolly has his hand up, go ahead Jim.

Jolly: Thank you, Scott. So, a question real quick. On the left-hand side of the road coming in off of Mason, between the fifth and sixth lot, is that a walkway that shown there accessing the basin? What is that, exactly?

Taormina: No, Mr. Jolly, that question actually came up at the Planning Commission meeting, and while it gives the appearance of some type of a narrow parcel, possibly a walkway, its actually a dimension that's shown on the plan. If I zoom in, I think, really close, you'd see that its an actual dimension. See that 120 feet? That's indicating that this dimension from front to back is 120 feet, that's all that is.

Jolly: Ok, so my other comment here is less of a question, but more of pointing out. With a condominium site plan such as this, there is required to be a certain amount of open space to make it work and get it conforming with the law, but I think a site plan like this, even though, like Scott said, we're not discussing the details of that tonight, but I'd just put this out there, this open space that's provided on her is only going to be accessible by two of the lots, which I think, kind of goes against what the spirit of a common open space is supposed to be in condominium plans such as this. So I won't make any further comments, but I look forward to, if this does go to the next level, working this out a little bit more to make this a little bit more useful. Thank you.

Bahr: Thank you, Jim. Any other questions or comments from Council? I have one more for Mark. Mark, can you again, just for the benefit of primarily the audience, anytime we have a public hearing like this, its likely that we have a lot of people aren't typically on these kind of meetings so, can you explain the reason why we call these site condominiums? I know that's pretty common anymore, but do you mind just briefly talking through that?

Taormina: Sure, well, the term condominium really refers only to the form of entitlement that is used to establish the legal descriptions for the properties. For decades, the subdivision planning process was used and then I believe in the late 70's early 80's, the State created what is referred to as a Condominium Act and it provided an alternative means by which land could be subdivided, parceled off and sold. That can be in various forms. In this particular form, it emulates very closely, the planning process. These are individual lots, but in the condominium statute, they are referred to as units. They're sold to simple ownership, just the same way as a platted lot would be. Probably one of the more unique features of these are the way the limited common and general common elements are established, but that's really applied to various features within the site. All in all, it looks like, and it treated almost identical to, a regular platted subdivision and the land around the street. In this case, would be a public street. The open space park, if its not dedicated to the City, it would remain a common element within the development and would be maintained by the association that is created for just this development. The same goes for the stormwater detention basin, that will be, eventually turned over to the association for management and maintenance. We have provided Mr. Zilincik, if he's still on this call, or this meeting, he'll tell you, there's a fall back if that detention basin is not maintained, then the City has all the right to go in there and maintain it and bill those maintenance charges back to the co-owners of the condominium. I hope that helps people.

Bahr: I think that's helpful and primarily for the people from the public that are on here, I wanted you to have a chance to explain that and I'll just add this. In my time on Council, in 4 1/2 years that I've been on Council and even back to Planning Commission, I can't remember right now, the last time, if ever, we've had a new home development that wasn't classified as site condominiums. A lot of times, people hear that and think its something other than single family homes, and I'll just say, I believe any new homes you see going up in the City right now and there's a number of places that its happening, all of those have been classified as site condominiums. So, don't get too concerned about the language, its more of a legal designation. These are single family homes that have been proposed here. Thanks for explaining that, Mark. I see Brandon McCullough has his hand up. Go ahead, Brandon.

McCullough: Thank you, Mr. Chair. To the Chair to Mr. Taormina, I just got a question. I'm not trying to get too far, obviously into the site plan that's going to be something completely later on. When we look at the detention basin, from a stormwater management plan, I know that we're looking at a private road type of a set up. This gets integrated into the City's stormwater system, right?

Taormina: It does, and if I heard you correctly, you said private road. From all indications, this will be a public road. The stormwater basin, the same thing, it will be integrated into the public storm system, whether it's a drain that is owned and maintained by the City or one that's owned and maintained by the County. We don't have all the details yet, but that is absolutely correct.

McCullough: Thank you.

Bahr: Ok, any other questions? I believe we have the Petitioner with us tonight and this would be a good opportunity for him to introduce himself and see if the Council has any questions for him. That's Leo Soave, right or is there someone else that's representing him? We can unmute Mr. Soave. Thank you, Mr. Soave, go ahead. Is there anything you want to add?

Soave: Leo Soave, 37771 Seven Mile. I guess Mr. Taormina pretty much said everything I wanted to say, and I'll answer your questions. Thank you.

Bahr: Council, do we have any questions for the Petitioner? Councilwoman Toy.

Toy: Thank you very much, if I may, to Mr. Soave. Mr. Soave, do we know how large your proposal will be with the site condominiums on it? The square footage.

Soave: From 2,000 to 3,000 square foot.

Toy: Thank you very much. Thank you, Mr. Soave.

Bahr: Council, anyone else? I do have a number of questions, most of which I will save for when we get into site plans, but this one I do want to ask tonight, Mr. Soave. One of the big things that stands out to me here, is the fact that we've got this cul-de-sac opening onto Mason Street and I'm thinking about, first and foremost, from people living there, the added driving that causes versus coming in off of Lyndon and then for the people that currently live there, it seems from a traffic standpoint, that would make more sense to use Lyndon as an entryway and use that thoroughfare as it's designed, versus making people come around to Mason to get into the bulk of these homes. I guess what I'm asking is, why is it this orientation and not essentially flipped with the homes fronting Mason Street and the cul-de-sac coming off of Lyndon.

Soave: Yeah, Mr. Bahr, I don't see a problem doing that. That should probably work just the same, we could do that, thank you.

Bahr: That is a site plan question and I won't go any further with that, but thanks for answering that. Mr. Jolly?

- Jolly: I'll just add that, by the way, great question, Scott. If that were to be accomplished and the site plan to be flipped, potentially that green space would be in a different location as well, it would be more accessible to more of the potential home owners and potentially other surrounding people as well, so I think that's a very good idea as well, thank you.
- Bahr: Ok, Council? Anything else? Alright, with that, we'll go to the audience. I'll just take this opportunity to say this project, I'll be honest with you, it even stirred my emotions a little bit this morning as I was looking at this, I went to school at the old Webster Elementary School and there's hardly a corner of this property that I don't feel a sense of personal connection to. There's even, I think, there's still a King Crimson Maple sitting out there that my fifth-grade class planted that survived the fire still. Sometimes you get projects like this that just hit you from a personal standpoint and this is one of those for me. So, anybody from the audience, if you want to speak, there is a button on there to raise your hands, if you can do that, I will do my best to call on you, we will get to everybody that wants to speak, we do ask that you clearly state your name and address for the record. So with that.
- McIntyre: Vice President Bahr, if people are joining us by phone, I don't know if anyone is, they can participate by star 9. Thank you.
- Bahr: Thank you. Star 9 by phone if you can hit the raise your hand button that you should see in your ZOOM, if you are not seeing that, I think if you click on participants, you'll see it. I don't see any hands currently, but I'm guessing we have people that want to speak so I'm going to give this a minute. Alright, there's one, we have Megan Evans. Go ahead, Miss Evans, please introduce yourself and state your comments.
- Evans: Yeah, hi, my name is Megan Edmonds, obviously as you said, my address is 14441 on Blue Skies, I'm obviously one of the properties that's going to get a new neighbor in my back yard, so I'm not extremely happy about that, however, I understand the need and I think most of my questions and concerns are actually more geared towards the site planning. I did want to let you know that I was here, not super happy about the situation, but I think most of my questions are about, I know it's the developer that's doing the Six and Newburgh new homes in the Heritage Park and I've heard that there has been some flooding as a result of the build up of new homes that are there, into the new homes. That's one of my major concerns. I just want to make sure that there's extra considerations being taken cause I know a lot of people in this area have already issues with water in their basements and flooding. I just want to make sure that's a consideration in the planning of the new homes and making sure that it's taken into

consideration so that we don't have the same issues that the people surrounding Heritage Park new neighborhood have.

Bahr: Thank you, Megan, I'll give, if he wants to, our City Engineer a chance to say something on this if he wants, but I'll just say this in general. Your concerns are noted and you're right, that is more of a site plan thing, but that's fine that you brought it up tonight. When we get to the course of the site plan, it's typical for us to ask some of those kinds of questions and our City Engineering Department is responsible for weeding that information. I'm not personally familiar with any flooding problems as a result of what's happening at Clay, I know they've had some problems going back before that development, so I'm not personally familiar with that, I've made a note of it here and I'll see if I can get smarter about that, but yes, your concerns are definitely something that will be addressed when we get to site plans. Todd, you don't have to, but is there anything you wanted to add to that, our City Engineer?

Zilincik: Just like this proposed development, there's a detention pond on the Northeast corner of that development and again, I know of one issue of where that detention pond is at, but again, it was more related to trees. There was some discussion, maybe one or two residents that were along the south side, but again, when a development is made, there's rear yard storm drainage put in for the development itself that conveys the storm sewer run off, leading to the detention pond and then to a restricted outlet to an existing system itself. Again, with everything else, the perception is, there's a development here, now they cause flooding, but ultimately the goal is to make it a better development overall for the residents. Now they have a location for the storm sewer in the rear yard to actually convey that water, as it was an open land before. Each case is different, so are conditions and things of that nature, but ultimately, when you develop a piece of property, you want to make sure that stormwater is conveyed to a known point and then restricted so that it's clean and detained, but there may be some instances again, during development, the with the fence or during the berms that were put there, that have to be addressed again. We look at the final site development before they get their retainage back and review it so again, it's a work in progress, but at the end we want to make sure everything is take care of and properly working. Thank you.

Bahr: Thank you, Todd and there will be more opportunity for more public questions but Councilman McCullough has his hand up. Brandon?

McCullough: Thanks Mr. Chair. Hey, just a quick question to clarify and this is to the Chair, Mr. Taormina, really quick. There's another site plan that's listed in the packet and I think it refers to exactly what Councilmember Bahr and Councilmember Jolly are referring to as that main strip that runs through. Is that just the first revision or first take on the deal?

Taormina: yeah, that layout that you are looking at is the conceptual layout that was presented as part of the school districts RFP, so when they sent this out for proposal, they included the information about the site as well as a conceptual layout. Again, a recommended layout.

McCullough: Gotcha. Alright, thank you, and just to what I just spoke, I would keep an eye on the planning meetings coming forward, because obviously, if this goes through, that whole site plan process will kind of kick up, there will be times to get more in detail with the site. Thank you.

Bahr: Thank you, Councilwoman Toy?

Toy: Thank you, Mr. Chair. While I understand about site plans and rezoning and things like that, I am personally a little apprehensive about not asking questions if it refers to the site plans because I am considering the rezoning because of several reasons and I won't go into great detail, but a Petitioner in the Soave family is not known for this at all and I'm not asking discouragingly in that regard, I'm just saying, somebody could come in and rezone and then sell the property and take it over without us having a hammer on that as well. I think it behooves us to ask some of the questions as it relates to the site plan. So therefore, one of my questions would be, and this kind of concerns the zoning. If it wasn't site condominiums an R-1 with 60x120 or even 70x120 lots, I realize that proposal is not in front of us, but that would also be a consideration as well. So as we look at these different zonings that are coming up in these neighborhood, and the Soave family does a great job, I don't want anybody to misinterpret what I'm saying, we do have a couple of other schools and some of these folks have lived there a long, long time and I'm sure all of us have gotten a few calls on some of these and their concerns. I know when we were in the election last year, it was a foregone conclusion that things were gonna happen and open space is very valuable in Livonia, I mean my sister just sold her house in 4 days, little brick ranch kind of home, attached garage, you know the scenario. So, it's not for not a need, but I think as we establish these newer areas in the vacant lots, we have to be very cognizant of what we're doing. The appreciation for those area and the Soave's are great developers, I'm not saying they're not, but I'm also concerned about when we get into sizes and structures and what those are all about, before I start rezoning places, I want to make sure of what I'm really going after and that could change, I get it, but by the same token, I know on prior Councils that I've served on over the years, we always ask questions when it came to rezone. I don't think it's out of line to ask those type of questions, in all due respect, to all my colleagues, so thank you very much.

Bahr: As I think we've seen here, there's plenty of questions related to site plans and that's fine, it's just important for us to remember what the purpose of this is and any of us that have had new developments on adjacent, privately owned property to where we live, understands the heartburn that can come with it, certainly understand that concern. Are there any other questions from the public? Again, if you would like to speak, just raise your hand on ZOOM and I'll be watching for that and I'll call on you or if you are on the phone, you can hit star 9. I don't see any more, I'm going to give it just another few seconds here. Ok, I guess that's all we have and I guess, I'm sorry, we do have one that just came up, give me a moment to unmute you. Just a minute. There you go Tom, you are unmuted, go ahead, and please, if you would, state your name and address for the record. Tom? Tom, you are unmuted, you can speak now if you like, but we are not hearing you. Tom's hand is up again, Tom, you should be able to speak, Casey, does everything look ok with Tom?

O'Neill: Yes.

Bahr: Ok, Tom, can you try again? Alright, Tom, you are unmuted, but we're not hearing you, I'm not sure what's going on. If you are trying to speak and not able to, please contact us via email or something after this meeting and we'll be certain to try to handle your question or concern. Not seeing anyone else from the audience, I guess I'll ask Council. Councilman Jolly has his hand up, go ahead.

Jolly: Thank you, Scott. I apologize if I missed this, but was it explained that although this may receive a first reading, the rezoning itself would not receive a final vote until there was a site plan that went along with it? The process that the City normally has for these type of things, I would expect that as has been the practice, this will move on to a regular meeting where will probably receive a first reading, but a second reading and an ultimate vote on the zoning would be held back up until we had a vote on the site plan as well. Generally, those two things go together so that if the site plan was not ultimately at the place that we thought we could approve it, we probably would not vote, and I don't believe we have voted in the past, on the actual zoning. So, they kind of go together, hand in hand. So, I don't want to discourage anybody who's listening or anybody in the Castle Gardens neighborhood at this point, because this is a process that's beginning, it's not a process that is, by any means, a foregone conclusion, we have open ears and we will work to see what is the best for the neighborhood, what is the best for this site and the property being used here as well. I'd also note too, that we find ourselves as we approach these situations from the City's perspective that as Councilwoman Toy indicated earlier, Livonia is largely built up, there is very little open green space left. That's a problem on one hand for multiple reasons, but there's also a desire and need to have new housing in our city as well. Often times

people wonder, why the schools are selling this property, but they look at it from a short term perspective of gaining some funds for the school system but ultimately, I think they are trying to attract families with young children as well, who will be populating the schools as well with that property. So, its kind of a balancing situation that's kind of going on here, not only from our perspective, but the school's perspective as well. Again, the start of the process, we're all listening, and we are going to be working through this together. Thank you.

Bahr: Thank you, Jim, for explaining that. I have a question for my colleagues, he's exactly right with his point of the first meeting. Do we usually take a motion at public hearing then, not a motion, but does somebody offer an approving? Kathleen is shaking her head. Ok, with that being said, thank you everyone for attending this tonight. This will be put on the agenda for the Regular meeting scheduled for October 19, 2020. As Councilman Jolly has explained, what would be on the agenda is a request for a first reading and then this would pause from our perspective until a site plan came through, which we would handle all together with the second reading so if we were to get that first reading, that is the next step for rezoning this property for residential, but there is still more to come through Planning Commission to Council to clarify the site plans, so there's a ways to go on this. That will close that item.

As there were no further questions or comments, the Public Hearing was declared closed at 7:35 p.m.

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President

Scott Bahr
Vice President

Rob Gjonaj Donovic
Jim Jolly
Brandon McCullough
Laura M. Toy
Cathy K. White



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Judy Priebe
Director of Legislative Affairs

August 27, 2020

To be announced at the City Council Regular Meeting of Wednesday, September 9, 2020

**A Public Hearing for the following item will be held on
Monday, September 28, 2020
at 7:00 P.M.**

* Due to COVID-19, Public Hearings will not be held in the City Hall Auditorium
Connect on Zoom: <https://us02web.zoom.us/j/87333432528>
or phone at (312) 626-6799, ID: 873 3343 2528

To participate, use the  Raise Hand button on Zoom or press *9 on your phone to be called on

Petition 2020-07-01-03 submitted by Leo Soave Building Company, Inc. pursuant to Section 23.01 of the City of Livonia Zoning Ordinance #543, as amended, requesting to rezone the property at 37855 Lyndon Avenue (former Webster Elementary School site), located on the south side of Lyndon Avenue between Newburgh and Hix Road, in the Southeast 1/4 of Section 19, from PL (Public Land) to R-1, (One Family Residential - 60x120 Lots).

Judy Priebe
Director of Legislative Affairs

cc: Mayor, City Clerk (suggested publication 9/10/2020), City Treasurer, City Attorney, Director of Planning & Econ Dev., City Assessor, City Engineer, Director of Public Works, Director of Finance and Director of Inspection

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ELIZABETH McCUE
CAROL A. SMILEY
PETER H. VENTURA



MAUREEN MILLER BROSNAN
MAYOR

MARK TAORMINA
PLANNING & ECONOMIC
DEVELOPMENT DIRECTOR

SCOTT O. MILLER
PLANNER IV

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2290 Fax (734) 466-2108

August 19, 2020

Honorable Members of the City Council
City of Livonia, Michigan

Re: Petition 2020-07-01-03 – Leo Soave Building

Dear Council Members:

At the 1,158th Public Hearings and Regular Meeting held by the City Planning Commission on August 18, 2020, in the Livonia City Hall, the following resolution was unanimously adopted:

#08-35-2020 **RESOLVED**, that pursuant to a Public Hearing having been held by the City Planning Commission on August 18, 2020 on Petition 2020-07-01-03 submitted by Leo Soave Building Company, Inc, pursuant to Section 23.01 of the City of Livonia Zoning Ordinance #543, as amended, requesting to rezone the property at 37855 Lyndon Avenue (former Webster Elementary School site) located on the south side of Lyndon Avenue between Newburgh and Hix Roads in the Southeast ¼ of Section 19 from PL (Public Lands) to R-1 (One Family Residential), the Planning Commission does hereby recommend to the City Council that Petition 2020-07-01-03 be approved for the following reasons:

1. That the proposed change of zoning is compatible to and in harmony with the surrounding residential uses and zoning districts in the area.
2. That the proposed change of zoning will provide for a single-family residential development similar in density to what exists in the neighboring area.
3. That the proposed change of zoning is consistent with the existing character of the area.
4. That the proposed zoning change does not obstruct the goals, policies, and objectives of the Future Land Use Plan, and

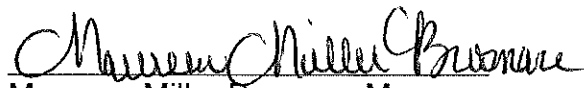
5. That the proposed change of zoning of the subject property represents a reasonable and logical zoning transformation which adheres to the principles of sound land use planning.

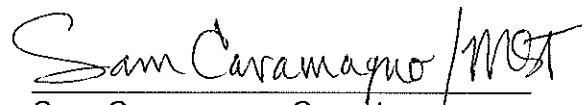
FURTHER RESOLVED, that notice of the above hearing was given in accordance with the provisions of Section 23.05 of Zoning Ordinance #543, as amended.

Very truly yours,

APPROVED FOR SUBMISSION

CITY PLANNING COMMISSION


Maureen Miller Brosnan, Mayor


Sam Caramagno, Secretary

cc: Mayor, Clerk, Law
Leo Soave Building Co., 37771 Seven Mile Rd. Ste C, Livonia, MI 48152

All applications must be presented in quadruplicate to the City Clerk, 33000 Civic Center Drive, Livonia, MI 48154-3097. Applications **must** include property owner's name, address and notarized signature. You are invited and encouraged to review your proposal with the Planning Department staff.

Date Filed: 7-20-2020 Petition 2020-07-01-03

Site Address: 37855 Lyndon Street Sidwell 46-073-99-0007-000

Requesting To Rezone Property From PL To R1

For the Following Reason (s) development for single family homes

Applicant: Leo Soave Business/Company: Leo Soave Building Co Inc

Applicant's Address: 37771 7 Mile Rd, Ste C City: Livonia State: MI Zip Code: 48152

Applicant's Phone # (586) 219-7880 Applicant's Email Stacey@KSflawoffice.com

Please provide the following information:

- 1) **Legal Description** of the property to be considered. Paper copy must be clearly printed.
- 2) **Fully Dimensional Map (13 copies)** drawn at an appropriate scale, with a north arrow, dated & legend key to symbols and showing:
 - The land that would be affected by the proposed amendment.
 - The dimensions, square footage & acreage of the land.
 - The existing conditions of the site, including all structures & parking layout.
 - A legal description of the land to be rezoned.
 - All public and private right-of-ways & easements bounding & intersecting the site.
 - A preliminary plan showing the proposed land use(s) of the land under consideration.
 - The zoning classification of all abutting zoning districts.
 - The structures and existing land uses on all property adjacent to the subject parcel and on other such property as may, in the City Planner's determination, be necessary to properly reflect the existing character of the surrounding neighborhood.
- 3) A copy of the Fully Dimensional Map submitted in a pdf. format either on a CD or it can be emailed to Planning@ci.livonia.mi.us

Owner of Property: Leo Soave Building Co Inc

Owner's Address: 37771 7 Mile Rd, Ste C City: Livonia State: MI Zip Code: 48152

Owner's Phone # (586) 219-7880 Owner's Email Stacey@KSflawoffice.com

Signature of Owner: [Signature] Print Name: Leo Soave

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

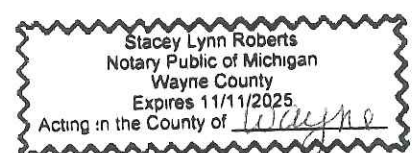
on this 17th day of July 20 20

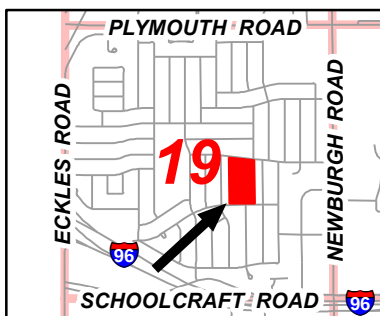
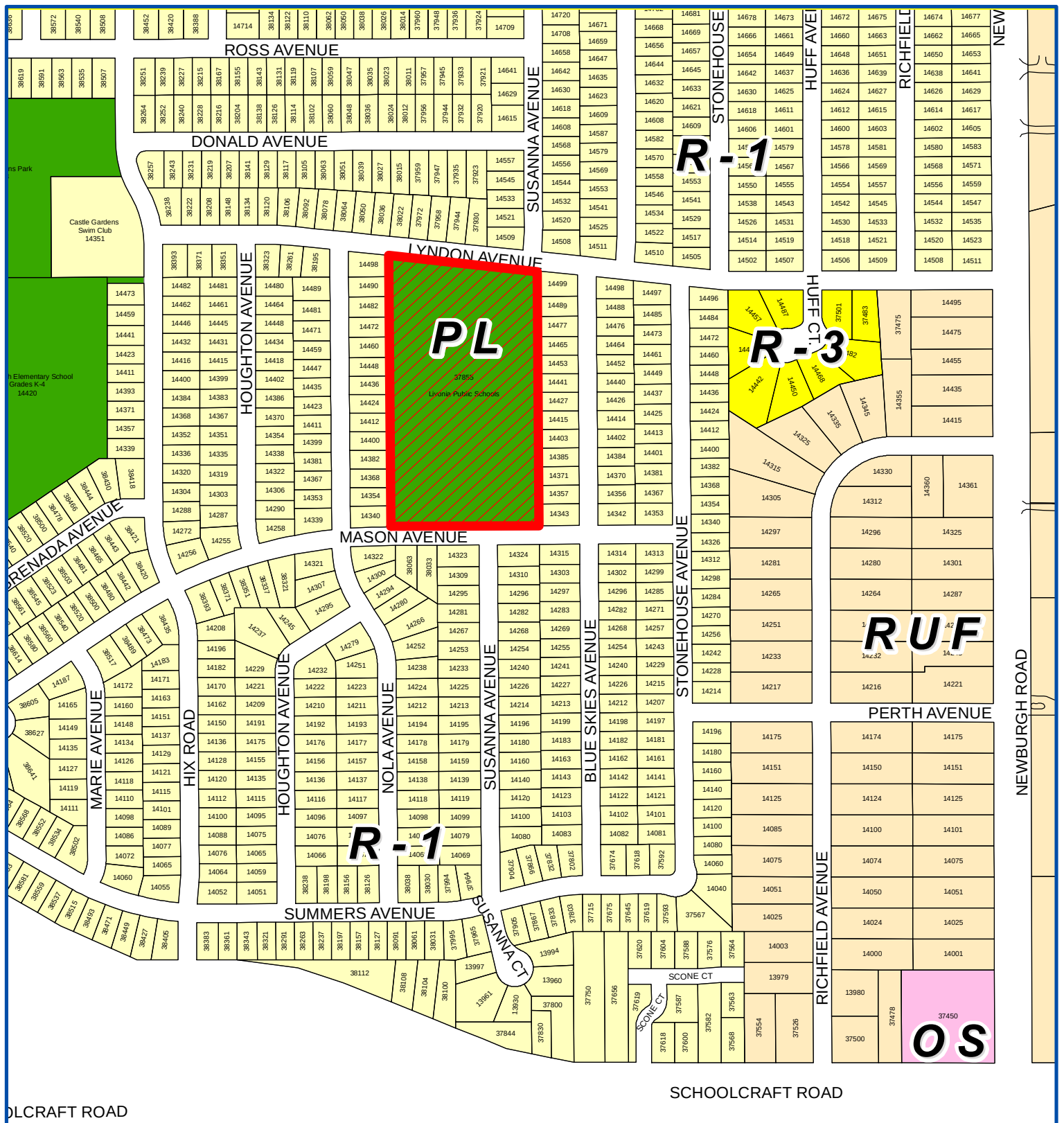
Signature of Notary Stacey Lynn Roberts My commission expires 11-11-25

APPROVED AS FORM
Department of Law

By: [Signature]

Date: 7/21/2020





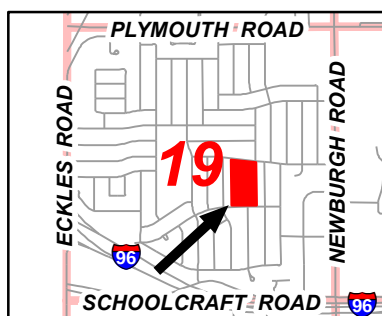
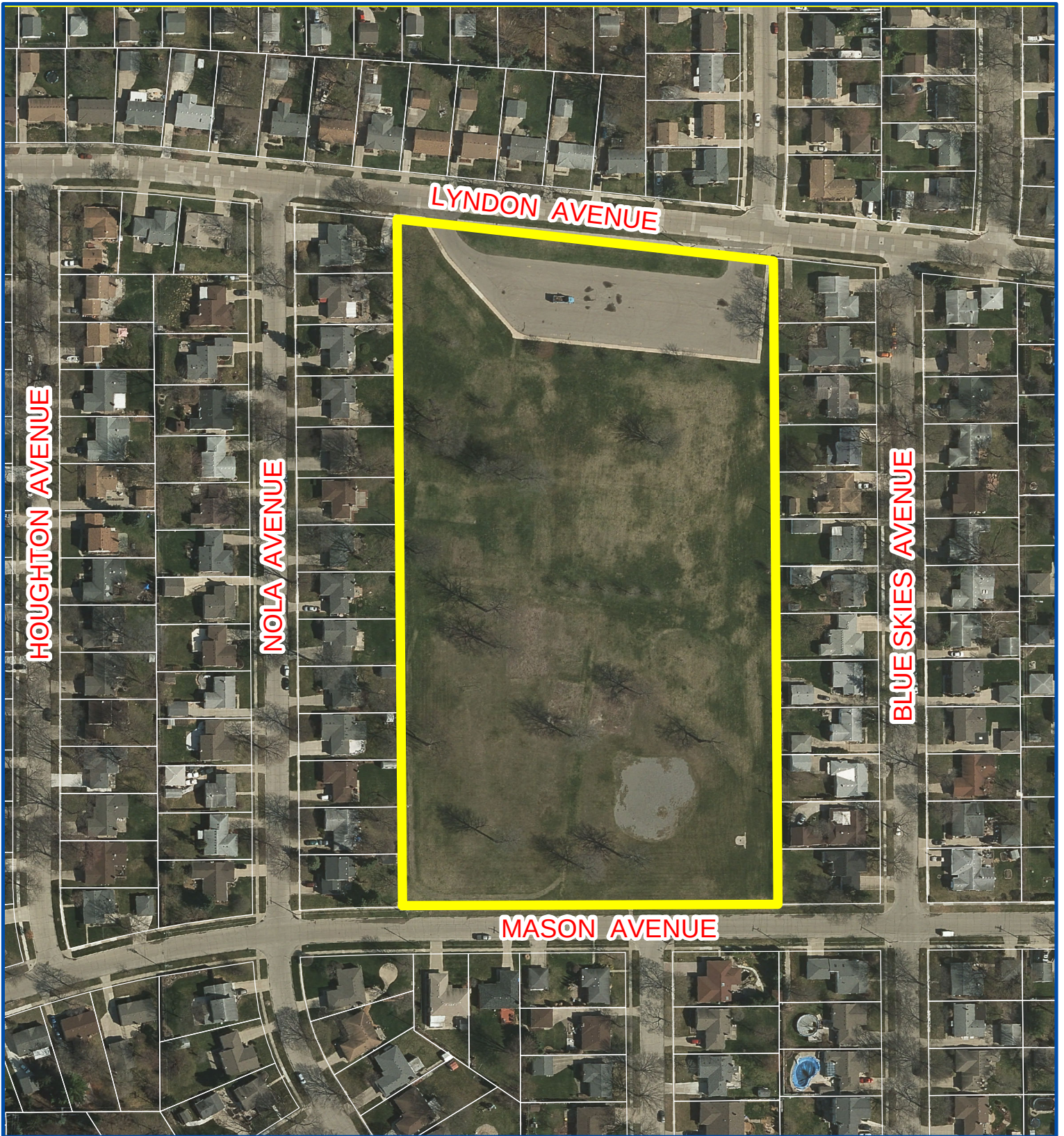
Address & Zoning Map

Petition 2020-07-01-03
 Leo Soave Building Company
 37855 Lyndon Avenue
 PL to R-1



Not to Scale

City of Livonia
 Planning Department



Aerial Map

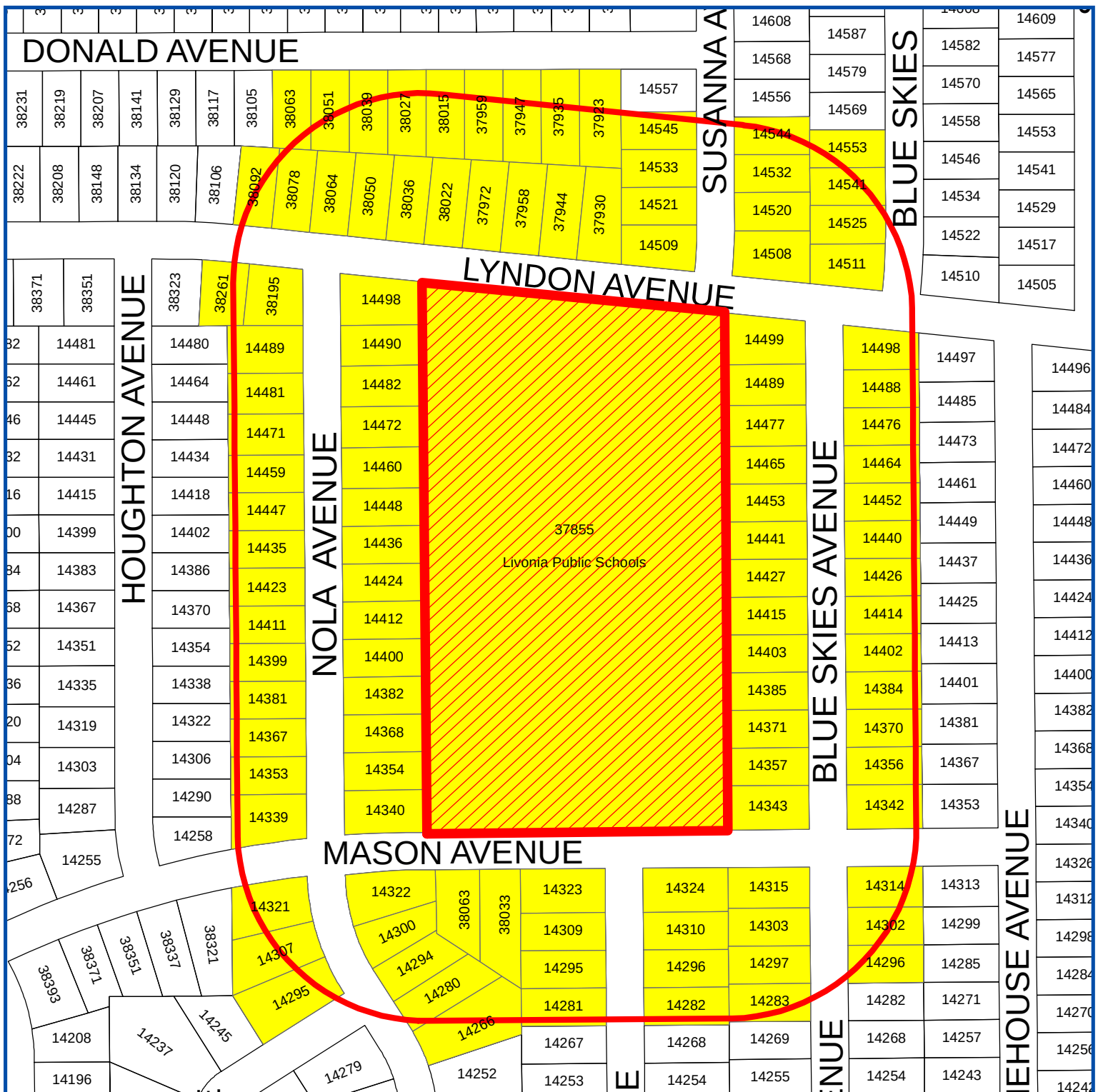
Petition 2020-07-01-03
 Leo Soave Building Company
 37855 Lyndon Avenue
 PL to R-1



Not to Scale



City of Livonia
 Planning Department



Notification Map

Petition 2020-07-01-03
 Leo Soave Building Company
 37855 Lyndon Avenue
 PL to R-1



Not to Scale

-  Site Under Petition
-  300 Feet Radius
-  Properties within 300 feet

Date of Public Hearing: August 18, 2020

City of Livonia
 Planning Department

NOTICE OF PUBLIC HEARING

CITY OF LIVONIA PLANNING COMMISSION



A PUBLIC HEARING WILL TAKE PLACE BEFORE
THE CITY PLANNING COMMISSION OF THE CITY OF LIVONIA
ON TUESDAY AUGUST 18, 2020, AT 7:00 P.M., OR AS SOON THEREAFTER AS THE AGENDA
WILL PERMIT ON THE FOLLOWING ITEM.

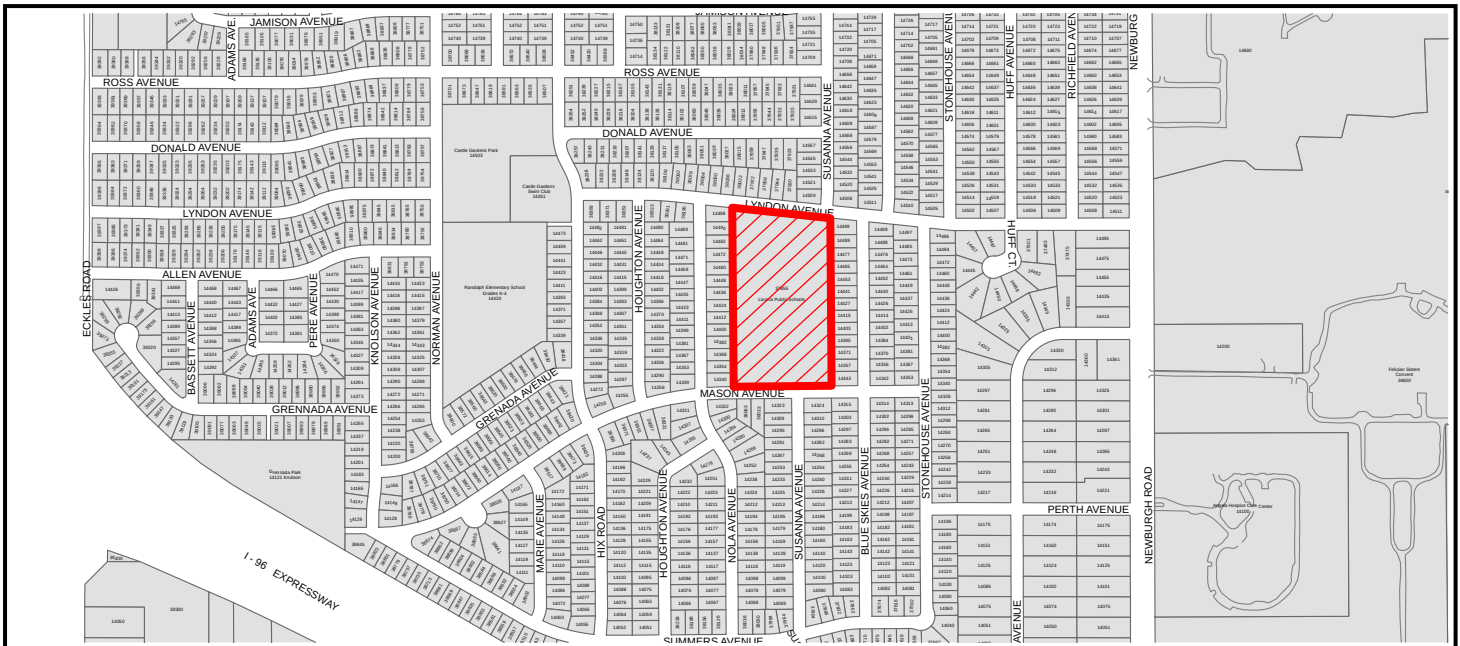
Due to COVID-19, the Planning Commission meeting will not be held in the City Hall Auditorium
Live broadcast: AT&T Uverse Channel 99 / Spectrum Channel 203/
WOW Channel 10 / YouTube.com/LivoniaTV

Connect online: <https://us02web.zoom.us/j/182188326>

Phone participation: (312) 626-6799

Meeting ID: 182 188 326

Petition 2020-07-01-03 submitted by Leo Soave Building Company, Inc. pursuant to Section 23.01 of the City of Livonia Zoning Ordinance #543, as amended, requesting to rezone the property at 37855 Lyndon Avenue (former Webster Elementary School site) located on the south side of Lyndon Avenue between Newburgh and Hix Roads in the Southeast 1 of Section 19 from PL (Public Lands) to R-1 (One Family Residential)



YOU ARE ENCOURAGED TO ATTEND THE PUBLIC HEARING AND PRESENT YOUR VIEWS ON THIS MATTER TO THE CITY PLANNING COMMISSION. IN LIEU OF ATTENDING THE MEETING, YOU MAY PRESENT YOUR VIEWS IN WRITING ADDRESSED TO: CITY OF LIVONIA PLANNING COMMISSION, 33000 CIVIC CENTER DR., LIVONIA, MI 48154, OR BY EMAIL TO: PLANNING@CI.LIVONIA.MI.US

In accordance with Title II of the American with Disabilities Act as it pertains to access to Public Meetings, the Planning Department of the City of Livonia, upon adequate notice, will make reasonable accommodations for persons with special needs. Please call 734-466-2290 if you need assistance.

PLANNING COMMISSION STAFF NOTES

PUBLIC HEARING

ITEM 1

Petition 2020-07-01-03 submitted by Leo Soave Building Company, Inc. pursuant to Section 23.01 of the City of Livonia Zoning Ordinance #543, as amended, requesting to rezone the property at 37855 Lyndon Avenue (former Webster Elementary School site) located on the south side of Lyndon Avenue between Newburgh and Hix Roads in the Southeast 1/4 of Section 19 from PL (Public Lands) to R-1 (One Family Residential).

August 11, 2020 Study Meeting:

This petition seeks to rezone the former Webster Elementary School site from PL (Public Lands) to R-1 (One Family Residential). The former school site is 9.34 acres in size with frontage on Lyndon Avenue to the north and Mason Avenue to the south. Existing developed single family lots border the property to the east and west with addresses on Blue Skies Avenue and Nola Avenue, respectively. The proposed rezoning and subsequent residential development would involve the entire site which is currently owned by Livonia Public Schools (LPS) and is in the process of being sold to the applicant.

The subject site is surrounded by R-1 zoning and with developed lots that measure the District's minimum standards of 60 feet in width by 120 feet in depth. Of the total 450 acres that makes up Section 19 (excluding public roads), R-1 zoning encompasses roughly 326 acres, or 72.4%. PL (Public Land) zoning, including both City- and LPS-owned properties, currently accounts for approximately 44 acres, or 9.8%. If the proposed rezoning is successful, the amount of R-1 and PL-zoned land will change to 74.6% and 7.7%, respectively.

Submitted with the application to rezone the property is a conceptual site plan showing a total of thirty-one (31) conventional-sized R-1 lots. The design includes a cul-de-sac street extending north from Mason Avenue providing access to Lots 1 thru 21. Lots 22 and 23, shown in the southwest corner of the site, would have direct access from Mason Avenue. Adjacent to these lots is a small open space park. At the north end of the development, Lots 24 thru 31 would have frontage on Lyndon Avenue. Other features of the plan include a stormwater detention basin along the west side of the site and a second, larger open space area located in the northwest corner of the development. The right-of-way width of the proposed street is sixty feet (60') with a 120-foot diameter cul-de-sac.

In comparison, an example site plan that was included as part of the LPS's November 2019 Request for Proposals to Purchase Real Property shows a total of twenty-eight (28) lots. The LPS plan has a single straight road extending through the site connecting to Lyndon Avenue at the north end to Mason Avenue at the south end. The lots all measure at least 60 feet x 120 feet in accordance with conventional R-1 standards. Only two (2) of the lots are shown relying on access to a street other than the proposed new road. These are shown as lots 27 and 28 in the northwest corner of the site. Adjacent to these lots is an open space park that measures 26,182 square feet, which is about 6,000 square feet larger than the minimum required 20,160 square feet based on a ratio of 720 square feet per lot. Like the Petitioner's

PUBLIC HEARING

ITEM 1 Petition 2020-07-01-03 i former Webster Elementary School site Page 2

concept plan, extending along most of the west side of the property is a rectangular-shaped storm water detention basin.

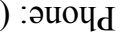
The Future Land Use Map shows the site as Parks and Community, reflecting the current ownership and former use of the property as a school site. This petition is one of three involving former school properties. The other two (2) are Adams located on the south side of Lyndon between Harrison and Inkster, and Wilson located at the northwest corner of Harrison and West Chicago.

August 18, 2020 Public Hearing:

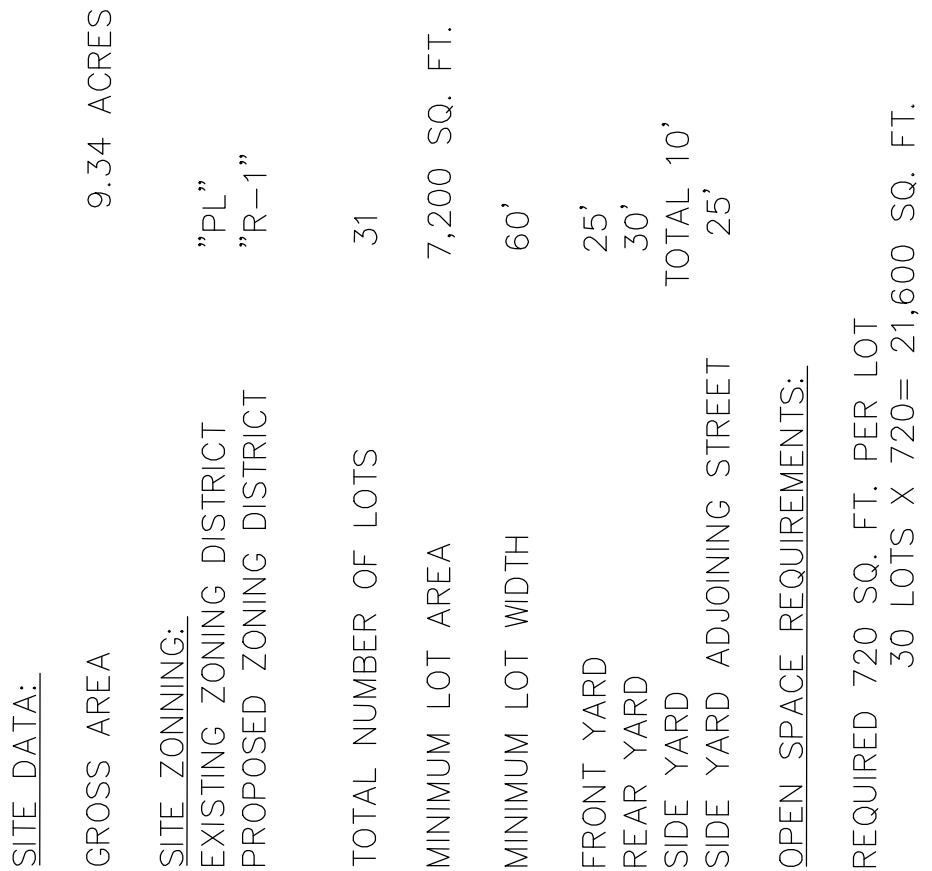
Approving Resolution: That the request to rezone the property at 37855 Lyndon Avenue (former Webster Elementary School site) from PL to R-1 is hereby approved, subject to City Council approval, for the following reasons:

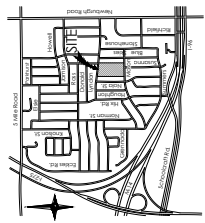
1. That the proposed change of zoning is compatible to and in harmony with the surrounding residential uses and zoning districts in the area.
2. That the proposed change of zoning will provide for a single-family residential development similar in density to what exists in the neighboring area.
3. That the proposed change of zoning is consistent with the existing character of the area.
4. That the proposed zoning change does not obstruct the goals, policies, and objectives of the Future Land Use Plan, and
5. That the proposed change of zoning of the subject property represents a reasonable and logical zoning transformation which adheres to the principles of sound land use planning.

PRELIMINARY SITE LAYOUT

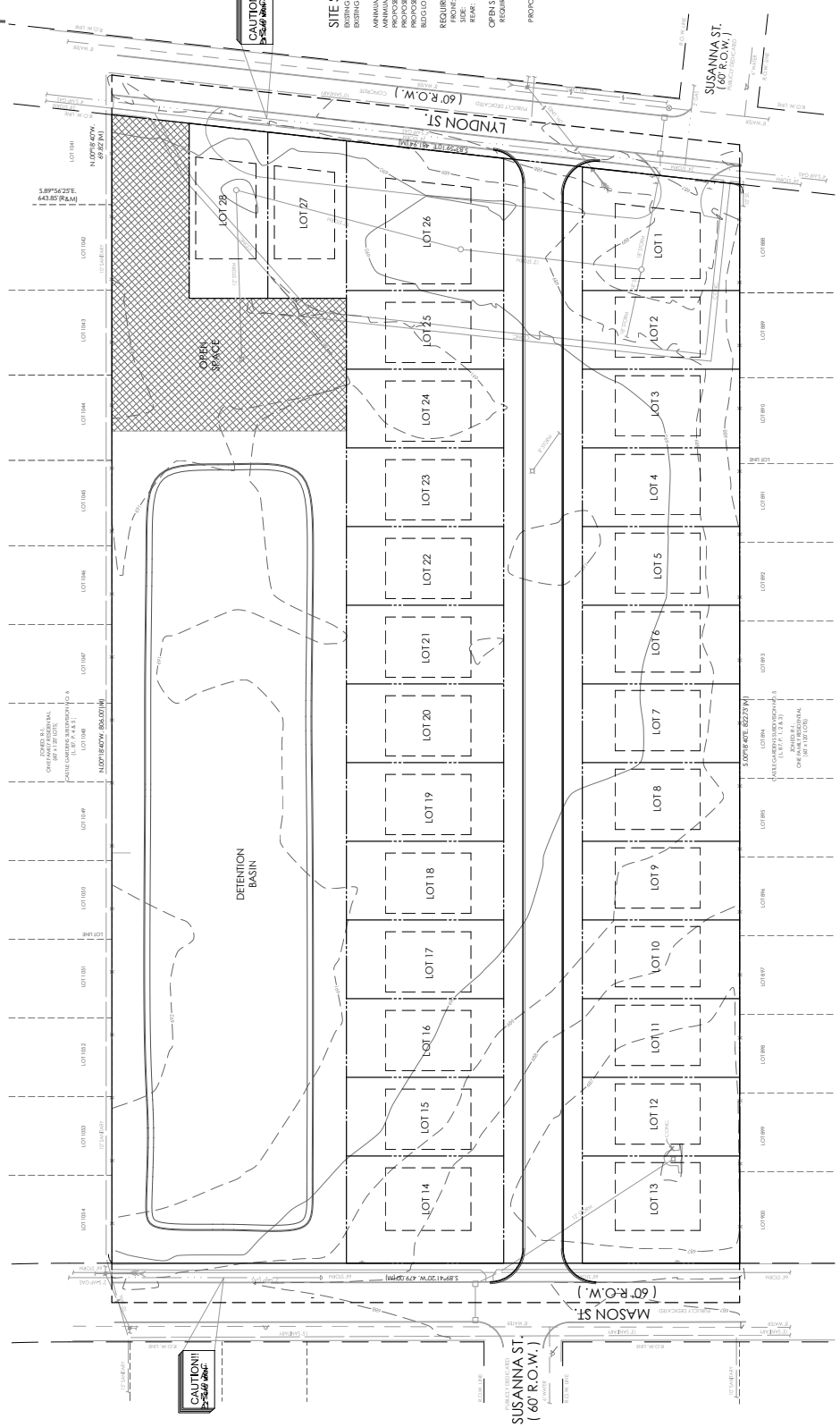
 **NGL**
Design & Engineering, llc.

Civil Engineers
6200 Schaefer Rd., Suite 100, Dearborn, Michigan, 48126
Phone: (313) 220-5439 Email: mike@angledesignllc





LOCATION MAP



CAUTION!!
 25' MIN. CONC.

CAUTION!!
 25' MIN. CONC.

SITE SUMMARY
 EXISTING SITE: 8.1 SINGLE FAMILY DETACHED
 EXISTING AREA: 46,864.51 SF OR 1.34 ACRES
 MINIMUM LOT SIZE: 67 X 120
 PROPOSED LOT AREA: 7,200 S.F.
 PROPOSED DENSITY: 259 UNITS PER ACRE
 PROPOSED BLDG FC: TWO STOREY, 35 FEET
 BUDGET COVERAGE: 30% OF EACH LOT
 REQUIRED YARDS
 SIDE: 5' 6"
 REAR: 30'
 OPEN SPACE REQUIREMENTS
 REQUIRED: 755.1 SF PER LOT REQUIRED
 28 LOTS X 27' = 756 S.F. REQUIRED
 PROVIDED: 26,180 S.F.

LOT SCHEDULE

LOT NO.	LOT AREA (S.F.)
LOT 1	10,501.95
LOT 2	7,200.00
LOT 3	7,200.00
LOT 4	7,200.00
LOT 5	7,200.00
LOT 6	7,200.00
LOT 7	7,200.00
LOT 8	7,200.00
LOT 9	7,200.00
LOT 10	7,200.00
LOT 11	7,200.00
LOT 12	7,200.00
LOT 13	9,899.41
LOT 14	7,200.00
LOT 15	7,200.00
LOT 16	7,200.00
LOT 17	7,200.00
LOT 18	7,200.00
LOT 19	7,200.00
LOT 20	7,200.00
LOT 21	7,200.00
LOT 22	7,200.00
LOT 23	7,200.00
LOT 24	7,200.00
LOT 25	7,200.00
LOT 26	7,200.00
LOT 27	7,605.81
LOT 28	7,807.39

PROJECT
 Livonia Public Schools -
 Webster Site
 37833 Lyndon Street
 Livonia, MI 48154

CLIENT
 Livonia Public Schools
 15125 Farmington Road
 Livonia, MI 48154
 Contact: Phillip Francis
 Phone: 734.744.2554
 Email: pfraus@livoniaschools.org

PROJECT LOCATION
 Part of the East 1/2
 of Section 19
 T1S, R3E,
 City of Livonia,
 Wayne County, Michigan

SHEET
 Concept Plan



DATE
 09-24-19, REVISED

DRAWN BY
 G. Ostrowski
DESIGNED BY
 G. Ostrowski
APPROVED BY
 G. Ostrowski
DATE
 October 28, 2019

SCALE
 1" = 40'
 0' 10' 20' 30' 40' 50'
SHEET NO.
 1.255
1 of 1

Tree Inventory List					
Job Number:	L255				
Job Location:	37855 Lyndon St., Livonia MI				
Date:	10/06/2019				
Performed By:	Alexander Kriebel	Forestry Registration No.			
Condition Description Notes:					
"Good" - no observed structural defects"					
"Fair" - minor structural defects, marginal form, some insect activity noted"					
"Poor" - major structural defects, poor form, insect infested"					
*Structural defects may include decayed wood, cracks, root problems, weak branch unions cankers, poor tree architecture, dead/failed branches due to various causes.					
Tree #	Botanical Name	Common Name	Dia.	Condition	Comments
101	Malus 'Donald Wyman'	Donald Wyman Crabapple	6	Poor	Large Mechanical Scar, Some Girdling Indicators As Well
102	Acer platanoides	Crimson Norway Maple	16	Good	
103	Malus 'Profusion'	Profusion Crabapple	6	Fair	Water Sprouting
104	Malus 'Donald Wyman'	Donald Wyman Crabapple	6	Fair	Water Sprouting
105	Malus 'Donald Wyman'	Donald Wyman Crabapple	10	Fair	Water Sprouting
106	Acer rubrum	Red Maple	11	Good	
107	Acer platanoides 'Crimson King'	Norway Maple	11	Good	
108	Pyrus calleryana	Bradford Pear	12	Good	
109	Tilia americana	American Basswood	28	Good	
110	Carya cordiformis	Bitternut Hickory	34	Good	
111	Carya cordiformis	Bitternut Hickory	21	Good	
112	Tilia americana	American Basswood	25	Fair	Minor Lean
113	Carya cordiformis	Bitternut Hickory	24	Poor	Large Rotting Canker Going 15ft Up Trunk, Insect Activity
114	Tilia americana	American Basswood	30	Good	
115	Acer platanoides 'Crimson King'	Norway Maple	11	Good	
116	Acer platanoides 'Crimson King'	Norway Maple	11	Good	
117	Acer platanoides 'Crimson King'	Norway Maple	11	Poor	Heavy Girdling, Exposed Dead Wood Near Injury, Splitting Bark
118	Acer platanoides 'Crimson King'	Norway Maple	12	Fair	Mechanical Damage At Base, Crown Die Off
119	Acer platanoides 'Crimson King'	Norway Maple	10	Fair	Canker At Base
120	Acer saccharum	Sugar Maple	6	Fair	Competing Leads
121	Quercus rubra	Northern Red Oak	41	Poor	Heavy Lean, Rotting Out Canker
122	Quercus rubra	Northern Red Oak	31	Good	
123	Carya cordiformis	Bitternut Hickory	26	Good	
124	Quercus rubra	Northern Red Oak	36	Good	
125	Quercus muehlenbergii	Chinkapin Oak	36	Good	
126	Ulmus americana	American Elm	39	Good	
127	Acer saccharum	Sugar Maple	31	Good	
128	Acer saccharum	Sugar Maple	28	Good	
129	Quercus alba	White Oak	40	Fair	Minor Lean
130	Acer saccharum	Sugar Maple	25	Fair	Canopy Die Back, Canker, Mech. Damage To Surfacing Roots

LEGAL DESCRIPTION - PER TITLE COMMITMENT

LAND IN THE CITY OF LIVONIA, WAYNE COUNTY, MI, DESCRIBED AS FOLLOWS:

PART OF THE SOUTHEAST 1/4 OF SECTION 19, TOWN 1 SOUTH, RANGE 9 EAST, CITY OF LIVONIA, WAYNE COUNTY, MICHIGAN, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE EAST AND WEST 1/4 LINE OF SECTION 19, TOWN 1 SOUTH, RANGE 9 EAST, DISTANT SOUTH 89 DEGREES 56 MINUTES 25 SECONDS EAST 643.85 FEET FROM THE CENTER CORNER OF SAID SECTION, AND PROCEEDING THENCE ALONG SAID 1/4 LINE SOUTH 89 DEGREES 56 MINUTES 25 SECONDS EAST 431.13 FEET; THENCE SOUTH 0 DEGREES 14 MINUTES 30 SECONDS EAST 393.68 FEET; THENCE SOUTH 89 DEGREES 46 MINUTES 20 SECONDS EAST 48.36 FEET; THENCE SOUTH 0 DEGREES 18 MINUTES 40 SECONDS EAST 439.08 FEET; THENCE ALONG THE CENTER LINE OF FUTURE MASON AVENUE, 60 FEET WIDE, SOUTH 89 DEGREES 41 MINUTES 20 SECONDS WEST 479.00 FEET; THENCE NORTH 0 DEGREES 18 MINUTES 40 SECONDS WEST 836.00 FEET TO THE POINT OF BEGINNING, EXCEPT THE SOUTH 30 FEET THEREOF.

AND

PART OF THE SOUTHEAST 1/4 OF SECTION 19, TOWN 1 SOUTH, RANGE 9 EAST, CITY OF LIVONIA, WAYNE COUNTY, MICHIGAN, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE EAST AND WEST 1/4 LINE OF SECTION 19, TOWN 1 SOUTH, RANGE 9 EAST, DISTANT SOUTH 89 DEGREES 56 MINUTES 25 SECONDS EAST 643.85 FEET FROM THE CENTER CORNER OF SAID SECTION, AND PROCEEDING THENCE ALONG SAID 1/4 LINE SOUTH 89 DEGREES 56 MINUTES 25 SECONDS EAST 47.88 FEET; THENCE SOUTH 0 DEGREES 18 MINUTES 40 SECONDS EAST 393.92 FEET; THENCE NORTH 89 DEGREES 45 MINUTES 20 SECONDS WEST 48.38 FEET; THENCE NORTH 0 DEGREES 14 MINUTES 30 SECONDS WEST 393.68 FEET TO THE POINT OF BEGINNING.

AND

PART OF THE NORTHEAST 1/4 OF SECTION 19, TOWN 1 SOUTH, RANGE 9 EAST, CITY OF LIVONIA, WAYNE COUNTY, MICHIGAN, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE EAST AND WEST 1/4 LINE OF SECTION 19, TOWN 1 SOUTH, RANGE 9 EAST, DISTANT SOUTH 89 DEGREES 56 MINUTES 25 SECONDS EAST 643.85 FEET FROM THE CENTER CORNER OF SAID SECTION, AND PROCEEDING THENCE NORTH 0 DEGREES 18 MINUTES 40 SECONDS WEST 100.00 FEET; THENCE ALONG THE CENTER LINE OF FUTURE LYNDON AVENUE, 60 FEET WIDE, SOUTH 83 DEGREES 59 MINUTES 10 SECONDS EAST 23.89 FEET; THENCE SOUTH 0 DEGREES 18 MINUTES 40 SECONDS EAST 91.34 FEET; THENCE ALONG SAID EAST AND WEST 1/4 LINE NORTH 89 DEGREES 56 MINUTES 25 SECONDS WEST 23.55 FEET TO THE POINT OF BEGINNING, EXCEPT THE NORTH 30 FEET THEREOF.

AND

PART OF THE NORTHEAST 1/4 LINE OF SECTION 19, TOWN 1 SOUTH, RANGE 9 EAST, BEGINNING AT A POINT ON THE EAST AND WEST 1/4 LINE OF SECTION 19, TOWN 1 SOUTH, RANGE 9 EAST, DISTANT SOUTH 89 DEGREES 56 MINUTES 25 SECONDS EAST 667.40 FEET FROM THE CENTER CORNER OF SAID SECTION, AND PROCEEDING THENCE NORTH 0 DEGREES 18 MINUTES 40 SECONDS WEST 97.54 FEET; THENCE ALONG THE CENTER LINE OF FUTURE LYNDON AVENUE, 60 FEET WIDE, SOUTH 83 DEGREES 59 MINUTES 10 SECONDS EAST 458.24 FEET; THENCE SOUTH 0 DEGREES 18 MINUTES 40 SECONDS EAST 50.01 FEET; THENCE ALONG SAID EAST AND WEST 1/4 LINE NORTH 89 DEGREES 56 MINUTES 25 SECONDS WEST 455.46 FEET TO THE POINT OF BEGINNING, EXCEPT THE NORTH 30 FEET THEREOF.

TAX ID NUMBER: 46-073-99-0007-000

ADDRESS: 37855 LYNDON, LIVONIA, MI 48154

THE ABOVE LEGAL DESCRIPTION IS FROM FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. NCS-982614-MICH, COMMITMENT DATE: SEPTEMBER 5, 2019.

SURVEY DATA

SITE AREA:
406,805 SQUARE FEET OR 9.34 ACRES OF LAND

ZONED:
PL, PUBLIC LANDS

PARKING SPACES:
NO PARKING SPACES

A SURVEYOR CANNOT MAKE A CERTIFICATION ON THE BASIS OF AN INTERPRETATION OR OPINION OF ANOTHER PARTY. A ZONING ENDORSEMENT LETTER SHOULD BE OBTAINED FROM THE CITY OF LIVONIA TO INSURE CONFORMITY AS WELL AS MAKE A FINAL DETERMINATION OF THE REQUIRED BUILDING SETBACK REQUIREMENTS.

TITLE REPORT NOTES

REFERENCE FIRST AMERICAN TITLE INSURANCE COMPANY
COMMITMENT NUMBER: NCS-982614-MICH, EFFECTIVE DATE: SEPTEMBER 5, 2019.

SCHEDULE B - PART II, EXCEPTIONS:

EXCEPTIONS: 1, 4, 5, 6, 8 AND 10 REFER TO THE OWNERSHIP OF THE PROPERTY AND/OR ARE NOT PLOTTABLE.

2. ANY FACTS, RIGHTS, INTERESTS, OR CLAIMS THAT ARE NOT SHOWN BY THE PUBLIC RECORDS BUT THAT COULD BE ASCERTAINED BY MAKING INQUIRY OF PERSONS IN POSSESSION OF THE LAND.

3. EASEMENTS, ENCUMBRANCES, OR CLAIMS THEREOF, NOT SHOWN BY THE PUBLIC RECORDS.

7. INTEREST, IF ANY, OF THE UNITED STATES, STATE OF MICHIGAN, OR ANY POLITICAL SUBDIVISION THEREOF, IN THE OIL, GAS AND MINERALS IN AND UNDER AND THAT MAY BE PRODUCED FROM THE CAPTIONED LAND.

9. ANY RIGHTS, TITLE, INTEREST OR CLAIM THEREOF TO THAT PORTION OF THE LAND TAKEN, USED OR GRANTED FOR STREETS, ROADS OR HIGHWAYS.

FLOOD HAZARD NOTE

THE PROPERTY DESCRIBED ON THIS SURVEY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY. THE PROPERTY LIES WITHIN ZONE X OF THE FLOOD INSURANCE RATE MAP IDENTIFIED AS MAP NO. 261630004E BEARING AN EFFECTIVE DATE OF 02-02-2012.

TOPOGRAPHIC SURVEY NOTES

ALL ELEVATIONS ARE EXISTING ELEVATIONS, UNLESS OTHERWISE NOTED.

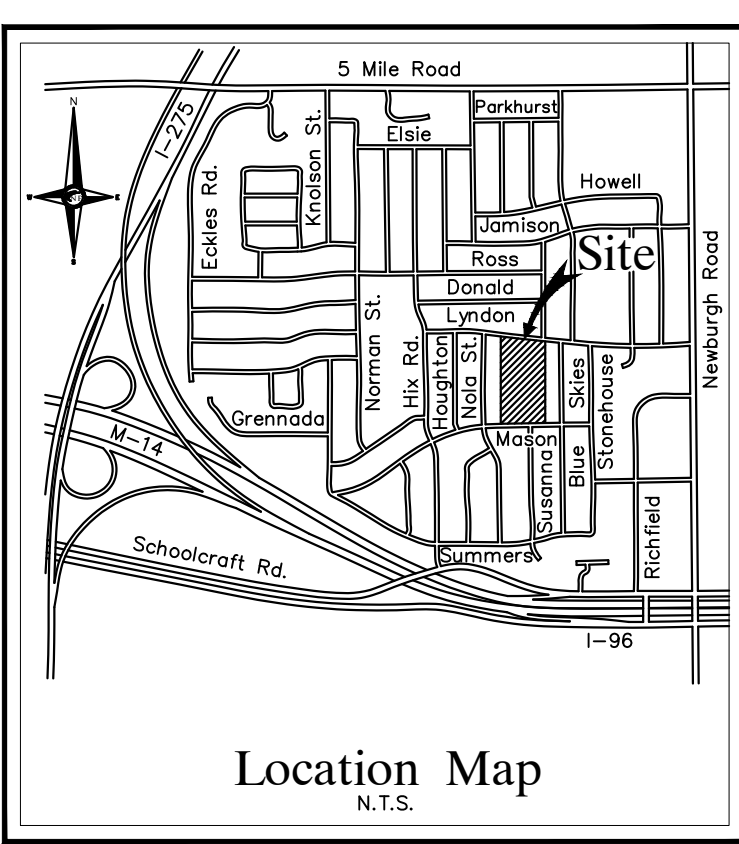
UTILITY LOCATIONS WERE OBTAINED FROM MUNICIPAL OFFICIALS AND RECORDS OF UTILITY COMPANIES, AND NO GUARANTEE CAN BE MADE TO THE COMPLETENESS, OR EXACTNESS OF LOCATION.

DTE DISCLAIMER NOTE

PLEASE NOTE THAT DTE HAS NEW REGULATIONS THAT MAY IMPACT DEVELOPMENT OUTSIDE THEIR EASEMENT OR THE PUBLIC RIGHT OF WAY. CLIENT SHALL CONTACT DTE TO DETERMINE THE "NEW STRUCTURES AND POWER LINE" REQUIREMENTS AS THEY MAY APPLY TO ANY FUTURE BUILDING OR RENOVATION OF A STRUCTURE. DTE ENERGY CAN BE CONTACTED AT 800-477-4747

MISS DIG / UTILITY DISCLAIMER NOTE

A MISS DIG TICKET NUMBER A092750193, PURSUANT TO MICHIGAN PUBLIC ACT 174 WAS ENTERED FOR THE SURVEYED PROPERTY. DUE TO THE EXTENDED REPORTING PERIOD FOR UNDERGROUND FACILITY OWNERS TO PROVIDE THEIR RECORDS, THE SURVEY MAY NOT REFLECT ALL THE UTILITIES AT THE TIME THE SURVEY WAS ISSUED ON OCTOBER 28, 2019. THE SURVEY ONLY REFLECTS THOSE UTILITIES WHICH COULD BE OBSERVED BY THE SURVEYOR IN THE FIELD OR AS DEPICTED BY THE UTILITY COMPANY RECORDS FURNISH PRIOR TO THE DATE THIS SURVEY WAS ISSUED. THE CLIENT AND/OR THEIR AUTHORIZED AGENT SHALL VERIFY WITH THE FACILITY OWNERS AND/OR THEIR AUTHORIZED AGENTS, THE COMPLETENESS AND EXACTNESS OF THE UTILITIES LOCATION.



BASIS OF BEARING NOTE

ALL BEARINGS ARE IN RELATION TO THE PREVIOUSLY ESTABLISHED EAST-WEST 1/4 LINE OF SECTION 19 OF CASTLE GARDENS SUBDIVISION NO. 6 AS RECORDED IN LIBER 87 OF PLATS, PAGES 4 AND 5, WAYNE COUNTY RECORDS. (S.89°56'25"E.)

CERTIFICATE OF SURVEY

WE HEREBY CERTIFY THAT WE HAVE SURVEYED THE PROPERTY HEREIN DESCRIBED.

KEVIN NAVAROLI, P.S. NO. 53503
DATE: 10-28-2019



NOWAK & FRAUS ENGINEERS

CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS

NOWAK & FRAUS ENGINEERS
46777 WOODWARD AVE.
PONTIAC, MI 48342-5032
TEL: (248) 332-7931
FAX: (248) 332-8257
WWW.NOWAKFRAUS.COM

SEAL



PROJECT

Livonia Public Schools -
Webster Site
37855 Lyndon Street
Livonia, MI 48154

CLIENT

Livonia Public Schools
15125 Farmington Road
Livonia, MI 48154

Contact: Phillip Francis
Phone: 734.744.2554

Email:
pfrancis@livoniapublicschools.org

PROJECT LOCATION

Part of the East 1/2
of Section 19
T.1S., R.9E.,
City of Livonia,
Wayne County, Michigan

SHEET

Boundary / Topographic /
Tree Survey



DATE: 10-28-19
ISSUED/REVISED: SURVEY ISSUED

DRAWN BY:

M. Carnaghi

DESIGNED BY:

APPROVED BY:

K. Navaroli

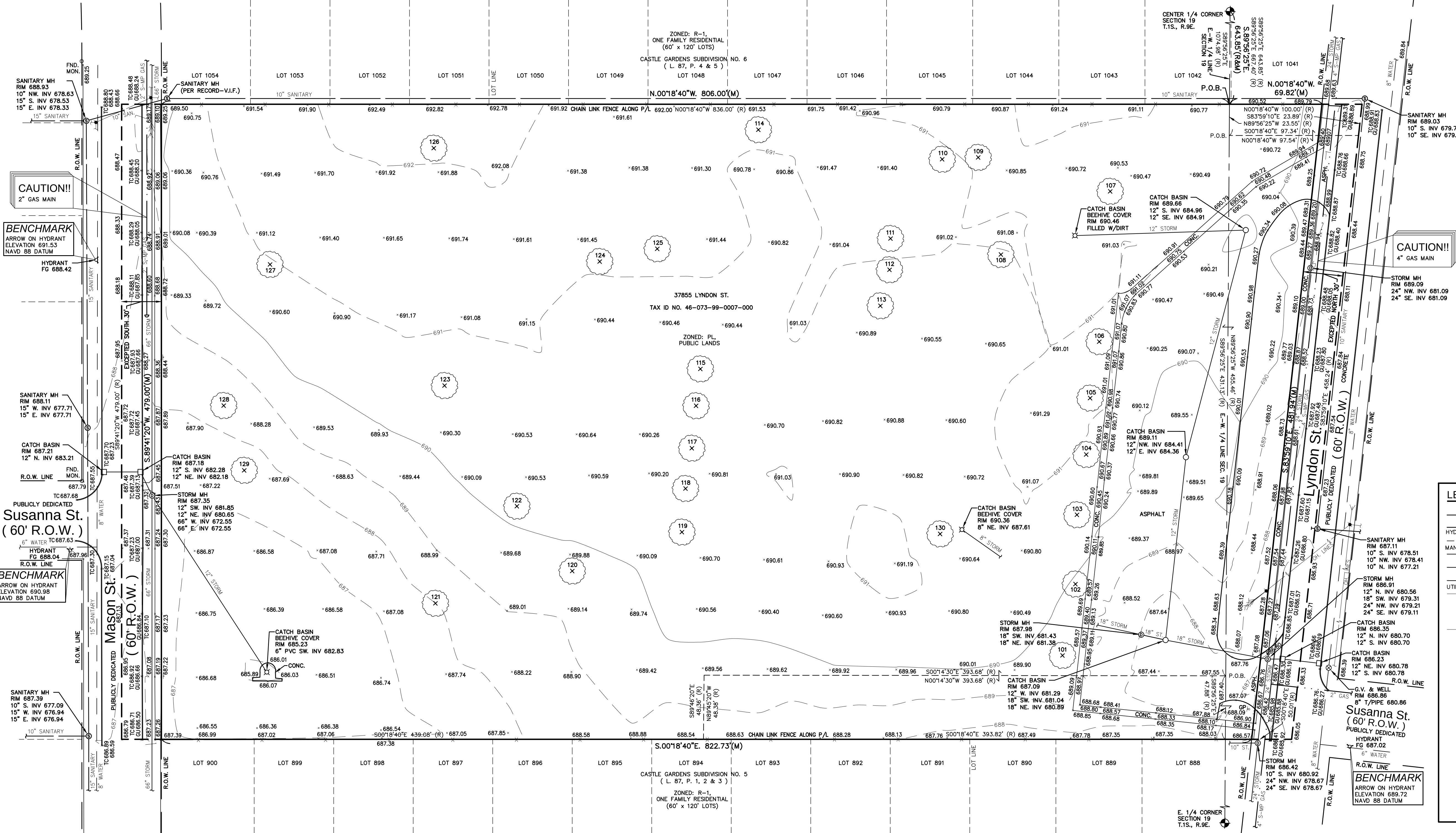
DATE:

October 28, 2019

SCALE: 1" = 40'

40 20 0 20 40 60

NFE JOB NO. 1255 SHEET NO. 1 of 1



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

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2571
FAX: (734) 466-2195

August 10, 2020

Mr. Scott Miller
Planner IV
City of Livonia

Re: Petition 2020-07-01-03 – #37855 Lyndon Avenue

Dear Mr. Miller:

In accordance with your request, the Engineering Division has reviewed the above referenced petition. We have no objections to the proposed rezoning at this time. The parcel is assigned the address of **#37855 Lyndon Avenue**. The legal description submitted by the owner appears to be correct, but we would like to suggest using the following simplified legal description instead:

That part of the East ½ of Section 19, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan, described as beginning at a point distant S 89°56'25" E, 643.85 feet from the center corner of said Section 19 and proceeding thence N 00°18'40" W, 100.00 feet to the centerline of Lyndon Avenue; thence along said Lyndon Avenue centerline S 83°59'10" E, 481.93 feet; thence S 00°18'40" E, 882.91 feet to the centerline of Mason Avenue; thence along said Mason Avenue centerline S 89°41'20" W, 479.00 feet; thence N 00°18'40" W, 836.03 feet to the Point of Beginning, except the northerly 30 feet, also except the southerly 30 feet.

The proposed development is currently serviced by public water main, sanitary and storm sewers, which will need to be extended to service any new residences. The submitted drawing does not indicate any utility connections, so we do not have any knowledge of impacts to the existing systems at this time. The owner has been in contact with this office regarding the project, and is aware of the Engineering Department requirements.

To: Mr. Scott Miller
Re: Petition 2020-07-01-03 – #37855 Lyndon Avenue (Webster School Site)

August 10, 2020
Page 2

It should be noted that should the project move forward the proposed construction will be required to meet the Wayne County Stormwater Ordinance, including detention requirements. A full review of the proposed development will be completed when plans are submitted for permitting.

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@ci.livonia.mi.us or tzilincik@ci.livonia.mi.us.

Sincerely,



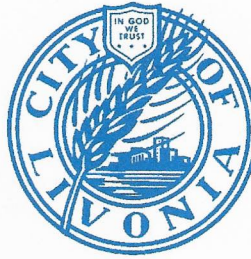
David W. Lear, P.E.
Assistant City Engineer

cc: 2020 Petition File

DEPARTMENT OF FINANCE

Michael T. Slater
DIRECTOR OF FINANCE

Connie Kumpula
CHIEF ACCOUNTANT



MAUREEN MILLER BROSNAN
MAYOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2260
FAX: (734) 421-1807

August 10, 2020

Mr. Scott O. Miller
Planning Commission
33000 Civic Center Drive
Livonia, MI 48154

Petition 2020-07-01-03 – 37855 Lyndon (formerly Webster Elementary School Site) – Leo Soave Building Company

Dear Mr. Miller,

I have reviewed the address connected with the above noted petition. As there are no outstanding amounts receivable (general or water and sewer), I have no objections to the proposal.

Please contact me if you have any further questions.

Very truly yours,


Connie Kumpula
Chief Accountant

CK: jw

OFFICE OF THE TREASURER

LYNDA L. SCHEEL
CITY TREASURER



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

August 7, 2020

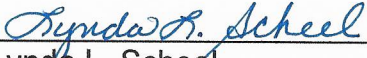
Mr. Scott Miller – Planner IV
Planning Commission
City of Livonia

Re: Petition 2020-07-01-03 37855 Lyndon Ave
Soave – former Webster site

Dear Mr. Miller,

In accordance with your request, the Treasurer's Office has reviewed the name and addresses connected with the above noted petition. At this time there are no taxes due, therefore I have no objections to the proposal.

Sincerely,


Lynda L. Scheel
Treasurer, City of Livonia

OTHER ITEMS RELATED TO THE PETITION

Request For Proposals To Purchase Real Property

9.34 +/- Acres

37855 Lyndon Street

Livonia, Michigan

Livonia Public Schools

GREAT NORTHERN CONSULTING GROUP
REAL ESTATE SERVICES AND CONSULTING

1785 West Stadium, Suite 202
Ann Arbor, MI 48103

Phone (734) 996-9979
Mobile (586) 703-9882
greatcgroup@aol.com

Table of Contents

- I. Introduction – Proposal Process Description
- II. Fact Sheet/Community Information
- III. Location/Site Maps
- IV. Zoning
- V. Survey /Utility Survey/Concept Plan/Demolition Plan
- VI. Legal Documents

ñThe information contained in this Request For Proposal To Purchase Real Property is provided as an accommodation to the prospective purchasers. It is believed to be correct, but no representations or warranties as to its accuracy should be inferred or are made. Each party responding to this Request For Proposals should independently confirm the accuracy of the information contained herein.ò

I. Introduction – Proposal Process Description

The information contained in this Request For Proposal To Purchase Real Property is provided as an accommodation to the prospective purchasers. It is believed to be correct, but no representations or warranties as to its accuracy should be inferred or are made. Each party responding to this Request For Proposals should independently confirm the accuracy of the information contained herein.

GREAT NORTHERN CONSULTING GROUP
REAL ESTATE SERVICES AND CONSULTING

1785 West Stadium, Suite 202
Ann Arbor, MI 48103

Phone (734) 996-9979
Mobile (586) 703-9882

November 19, 2019

To: Prospective Purchasers
From: Great Northern Consulting Group

Re: **Request For Proposals To Purchase 37855 Lyndon Street, Livonia, Michigan, containing 9.34 +/- Acres**

Thank you for your interest in submitting a Proposal to purchase the above-referenced vacant real property owned by Livonia Public Schools (the "School District"). The 9.34 +/- acre site has 482 feet of frontage on Lyndon Street and 479 feet of frontage on Mason Street with an average depth of 814 feet (See Survey **Section V** for further details). The subject property is located at 37855 Lyndon Street, Livonia, Michigan (the "Property" or the "Site"). The Site is located just West of Newburgh Road and South of Five Mile Road. The School Building has been demolished and the Site is vacant. Demolition information is included in the Survey Section of the RFP.

The Property is currently zoned for public purposes, but the City has indicated a logical rezoning to R-1 one-family residential district zoning. The R-1 one family zoning allows single family residential lots with a minimum of 60 feet of frontage and a minimum depth 120 feet and a minimum of 7,200 square feet of lot area. All necessary public utilities are available to the Property for development. Pursuant to discussions with the City Planner, the Property will accommodate approximately 26 to 30 single family lots using a traditional site plan. The attached Concept Plan contained in this Request For Proposals ("RFP") shows 28 lots. A Cluster Option could be pursued which will allow for more open space on the Property, however the developer will have to show substantial public benefit to receive consideration of this development option. The School District desires the development to be family friendly and requires all Proposals to include a description of the project proposed for the Property, a concept plan proposed for the Site and elevations of the homes planned for the project.

Great Northern Consulting Group is marketing this Property for Livonia Public Schools on a fee basis as consultants. The School District's goal is to select one (1) developer to purchase the entire Property. However, the School District reserves the right to select one (1) or more purchasers to purchase the Property. The School District

is seeking Proposals to purchase the Property that must be submitted to **Phillip Francis, Director of Operations for Livonia Public Schools, 15125 Farmington Road, Livonia, Michigan 48154** on or before **3:00 P.M. local time on January 21, 2020**. No phone, fax or electronic transmission Proposals will be accepted. If mailed, no responsibility is assumed for postal delays. **NOTWITHSTANDING THE FOREGOING, THE SCHOOL DISTRICT RESERVES THE RIGHT TO ACCEPT OR REJECT ANY AND ALL PROPOSALS, IN WHOLE OR IN PART. THE SCHOOL DISTRICT ALSO RESERVES THE RIGHT TO WAIVE ANY IRREGULARITIES CONTAINED IN ANY PROPOSAL OR REQUIREMENTS OF THIS REQUEST FOR PROPOSALS.**

The attached package includes the following information: (I) Introduction – Proposal Process Description; (II) Fact Sheet/Community Information; (III) Location/Site Maps; (IV) Zoning; (V) Survey/Utility Survey/Concept Plan/Demolition Information; and (VI) Legal Documents.

The School District requires that all Proposals include a signed Proposal Form as set forth in **Section VI** of this RFP, along with a detailed description of the proposed concept plan/home elevations for Site. Please note that the legal documents represent the form of agreement acceptable to the School District. The Proposal Form must be completed prior to submittal to Livonia Public Schools. Proposals that include modified terms more favorable to the purchaser (and, hence, less favorable to the School District) may be rejected on that basis. Of course, modifications that are favorable to the School District would be preferred and may enhance a potential purchaser's position in the selection process. **An earnest money deposit of \$25,000 will be required within three (3) business days of acceptance of the Offer by the School District.**

While Livonia Public Schools reserves the right to accept or reject any and all Proposals, in whole or in part, a number of finalists may be selected and asked to provide additional information, including financial qualifications and more detailed concepts plans for the development of the Property. The additional information will facilitate the final selection of the successful purchaser(s). Further, the additional information will allow the School District to select a purchaser financially able to perform on the contract and proceed with a development perceived to be positive for the School District as well as the community at large. It is important to note that the highest price may not necessarily represent the Proposal that the School District determines in its sole discretion to be, in its totality, in the best interest of the School District.

The finalists will be notified shortly after the deadline for submission of its Proposal. Livonia Public Schools may request the finalists to make revisions to their Proposals that the School District deems necessary to select a successful purchaser(s). This is a Request For Proposals only. Proposals will be treated as offers to enter into the Offer To Purchase Real Estate included in **Section VI** of this RFP. Once a Proposal is accepted by the School District it shall be known hereinafter as the "Offer."

Upon final acceptance of the Offer(s), there will be a 90-day period for physical due diligence ("Inspection Period"). There will then be an additional 90 days for government approvals, however the \$25,000 earnest money deposit shall become nonrefundable after the initial 90-day Inspection Period. Many standard contingencies are included so that the purchaser may satisfy itself as to the Property's suitability for development during the 90-day Inspection Period and Governmental Approval Period. Closing is anticipated to occur within 10 days after the expiration of the Inspection Period, or if extended, the Extension Period.

Please note that we are making no representations regarding the suitability of this Property for any particular purpose. It is the purchaser's sole responsibility to determine suitability during the Inspection Period. Within the constraints of this limitation, please address all questions regarding this Property to Great Northern Consulting Group.

Great Northern Consulting Group is representing Livonia Public Schools as a fee based consultant in this matter. As a result, there is no real estate commission to be paid. Brokers must look to their purchaser for compensation.

Please note again that all Proposals, including a signed Proposal Form on the form provided and an Affidavit of Compliance - Iran Economic Sanctions Act, must be submitted to Phillip Francis, Director of Operations for Livonia Public Schools, 15125 Farmington Road, Livonia, Michigan 48154 on or before 3:00 P.M. local time on January 21, 2020. Any proposed changes/modifications to the form of Offer To Purchase provided in this package under Section VI MUST be specifically enumerated and be submitted as part of its Proposal, together with an explanation as to the reason such terms and conditions of the RFP or form of Offer To Purchase cannot be met. No phone, fax or electronic transmission Proposals will be accepted. If mailed, no responsibility is assumed for postal delays.

Thank you again for your interest in this Property. We are looking forward to receiving your Proposal.

Respectfully,
Great Northern Consulting Group

William W. Bowman, IV
President

II. Fact Sheet/Community Information

ñThe information contained in this Request For Proposal To Purchase Real Property is provided as an accommodation to the prospective purchasers. It is believed to be correct, but no representations or warranties as to its accuracy should be inferred or are made. Each party responding to this Request For Proposals should independently confirm the accuracy of the information contained herein.ò

Livonia Public Schools

RFP Fact Sheet

PROPERTY ID: 46-073-99-0007-000

LOCATION: 37855 LYNDON STREET

MUNICIPALITY: LIVONIA, MICHIGAN

SIZE: 9.34 +/- ACRES

UTILITIES: ALL UTILITIES AVAILABLE. PLEASE SEE SURVEY FOR DETAILS

ZONING: PUBLIC PURPOSE/REZONE R-1 ONE FAMILY RESIDENTIAL DISTRICT

PRICE: NO MINIMUM PRICE HAS BEEN SET

TERMS: CASH

RIGHTS OF OWNER: **LIVONIA PUBLIC SCHOOLS RESERVES THE RIGHT TO ACCEPT OR REJECT ANY AND ALL PROPOSALS, IN WHOLE OR IN PART. THE SCHOOL DISTRICT ALSO RESERVES THE RIGHT TO WAIVE ANY IRREGULARITIES CONTAINED IN ANY PROPOSAL OR REQUIREMENTS OF THIS REQUEST FOR PROPOSALS.**

ALL PROPOSALS, INCLUDING A SIGNED PROPOSAL FORM ON THE FORM PROVIDED AND AN AFFIDAVIT OF COMPLIANCE - IRAN ECONOMIC SANCTIONS ACT, MUST BE SUBMITTED TO MR. PHILLIP FRANCIS, DIRECTOR OF OPERATIONS FOR LIVONIA PUBLIC SCHOOLS, 15125 FARMINGTON ROAD, LIVONIA, MICHIGAN 48154 ON OR BEFORE 3:00 PM LOCAL TIME ON JANUARY 21, 2020. NO PHONE, FAX OR ELECTRONIC TRANSMISSION OFFERS WILL BE ACCEPTED. IF MAILED, NO RESPONSIBILITY IS ASSUMED FOR POSTAL DELAYS.

COMMISSION: NO REAL ESTATE COMMISSION TO BE PAID BY LIVONIA PUBLIC SCHOOLS. GREAT NORTHERN CONSULTING GROUP IS A FEE-BASED ADVISOR TO THE SCHOOL BOARD. BROKERS MUST LOOK TO PURCHASER FOR COMPENSATION.

City of Livonia

Elected Officials Contact Information

Incoming Mayor (2020)

Maureen Miller Brosnan

E-mail: mayor@ci.livonia.mi.us

Clerk:

Susan M. Nash

E-mail: snash@ci.livonia.mi.us

Phone: 734-466-2230

Treasurer:

Lynda L. Scheel

E-mail: Treasurer@ci.livonia.mi.us

Phone: 734-466-2245

City Council

President:

Kathleen E. McIntyre

E-mail: kmcintyre@ci.livonia.mi.us

Phone: 734-466-2255

Vice President:

Scott Bahr

E-mail: sbahr@ci.livonia.mi.us

Phone: 734-466-2258

Council Member:

Laura Toy

E-mail: ltoy@ci.livonia.mi.us

Phone: 734-466-2258

Council Member:

Jim Jolly

E-mail: jjolly@ci.livonia.mi.us

Phone: 734-466-2257

Council Member:

Cathy White

E-mail: lcwhite@ci.livonia.mi.us

Phone: 734-466-2253

New Council Members January 2020

Brandon McCullough

Rob Donovic

Department Phone Directory

Assessor

734-466-2220

Linda Gosselin, Assessor

Civil Services

734-466-2530

Denise Maier

Community Recourses

734-466-2540

Linda McCann

Economic Development

734-466-2293

Mark S. Taormina

Engineering

734-466-2570

Todd Zilincik

Finance

734-466-2260

Michael Slater

Fire Department

734-466-2444

David Heavener

Inspection

734-466-2580

Jerome Hanna

Law

734-466-2520

Paul Bernier

Parks and Recreation

734-466-2410

Ted Davis

Planning

734-466-2290

Mark S. Taormina

Police Department

734-466-2470

Curtis Caid, Chief

Water Department

734-466-2278

City of Livonia
MILLAGE RATES FOR CITY RESIDENTS
LIVONIA PUBLIC SCHOOLS SCHOOL DISTRICT
HOMESTEAD

Taxing Entity	2015	2016	2017	2018	2019
<u>Tax Rate shown in Mills</u>					
State Education Tax	6.0000	6.0000	6.0000	6.0000	6.0000
Livonia Public Schools Operating	1.1200	1.1200	1.1157	1.1157	1.1101
Livonia Public School Debt	4.6000	4.5400	4.5400	4.5400	4.6000
Wayne Intermediate School District(RESA)	3.4643	3.4643	5.4643	5.4643	5.4643
Schoolcraft Community College	1.7967	1.7967	1.7766	1.7766	2.2516
Livonia City Government	13.9378	13.9380	13.8993	13.8993	13.8927
Wayne County Government	7.6141	6.6380	6.6380	6.6380	6.6380
Wayne County Jail	0.9381	0.9381	0.9381	0.9381	0.9381
Wayne County Parks	0.2459	0.2459	0.2459	0.2459	0.2459
Zoo Authority	0.1000	0.1000	0.1000	0.1000	0.1000
Art Institute	0.2000	0.2000	0.2000	0.2000	0.2000
Huron Clinton Metro Authority	0.2146	0.2146	0.2140	0.2140	0.2129
Total Millage Rates	40.2315	39.1956	41.1319	41.1319	41.6536
Average Residential Taxable Value	\$69,550	\$71,090	\$73,580	\$76,375	\$79,638
<u>Average Tax Rates Shown in Dollars</u>					
State Education Tax	\$417	\$427	\$441	\$458	\$478
Livonia Public Schools Operating	\$78	\$80	\$82	\$85	\$88
Livonia Public School Debt	320	323	334	347	366
Wayne Intermediate School District(RESA)	241	246	402	417	435
Schoolcraft Community College	125	128	131	136	179
Livonia City Government	969	991	1,023	1,062	1,106
Wayne County Government	530	472	488	507	529
Wayne County Jail	65	67	69	72	75
Wayne County Parks	17	17	18	19	20
Zoo Authority	7	7	7	8	8
Art Institute	14	14	15	15	16
Huron Clinton Metro Authority	15	15	16	16	17
Total Dollars	\$2,798	\$2,786	\$3,026	\$3,141	\$3,317

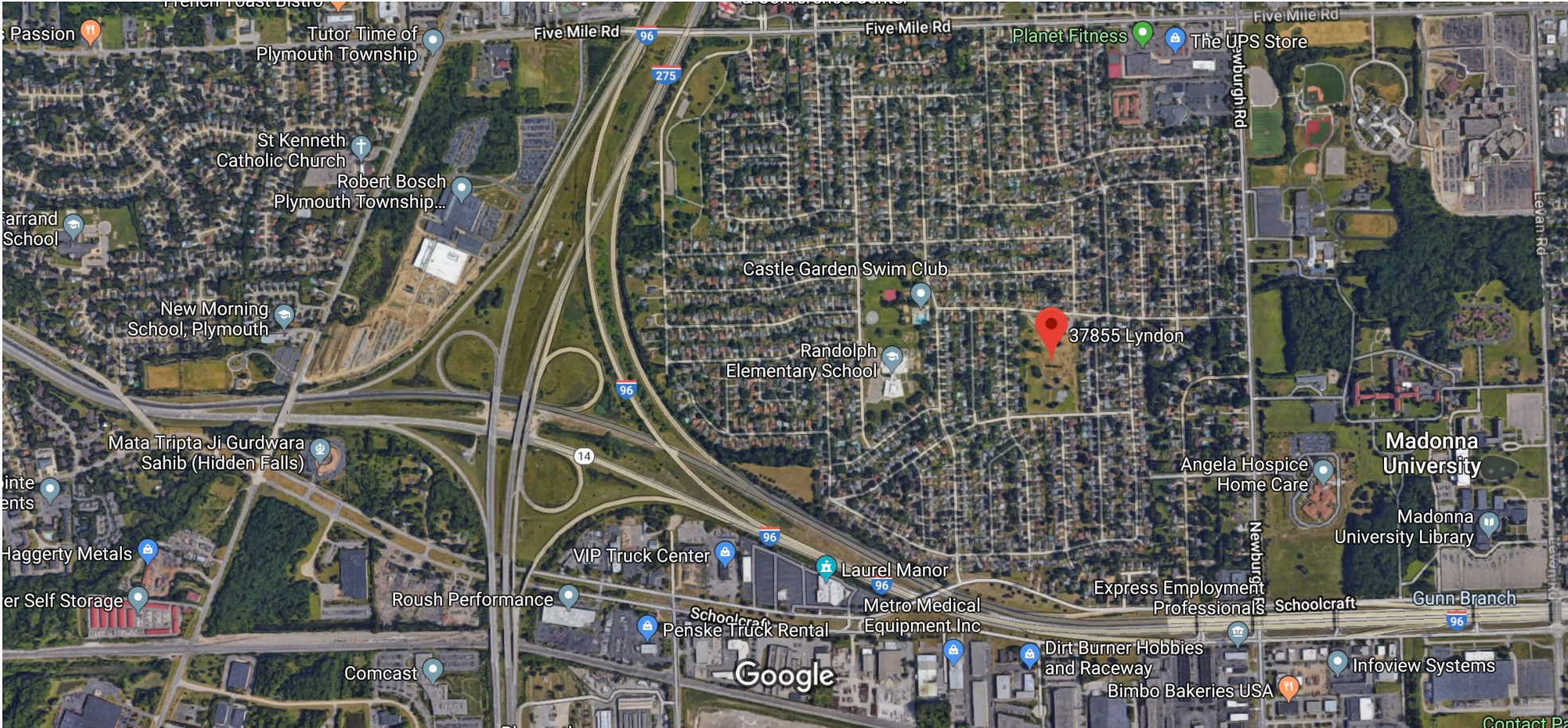
MILLAGE RATES FOR CITY RESIDENTS
LIVONIA PUBLIC SCHOOLS SCHOOL DISTRICT
NON-HOMESTEAD

Taxing Entity	2015	2016	2017	2018	2019
<u>Tax Rate shown in Mills</u>					
State Education Tax	6.0000	6.0000	6.0000	6.0000	6.0000
Livonia Public Schools Operating	19.1200	19.1200	19.1157	19.1157	19.1101
Livonia Public School Debt	4.6000	4.5400	4.5400	4.5400	4.6000
Wayne Intermediate School District(RESA)	3.4643	3.4643	5.4643	5.4643	5.4643
Schoolcraft Community College	1.7967	1.7967	1.7766	1.7766	1.7766
Livonia City Government	13.9378	13.9380	13.8993	13.8993	13.8927
Wayne County Government	7.6141	6.6380	6.6380	6.6380	6.6380
Wayne County Jail	0.9381	0.9381	0.9381	0.9381	0.9381
Wayne County Parks	0.2459	0.2459	0.2459	0.2459	0.2459
Zoo Authority	0.1000	0.1000	0.1000	0.1000	0.1000
Art Institute	0.2000	0.2000	0.2000	0.2000	0.2000
Huron Clinton Metro Authority	0.2146	0.2146	0.2140	0.2140	0.2129
Total Millage Rates	58.2315	57.1956	59.1319	59.1319	59.1786
Average Residential Taxable Value	\$69,550	\$71,090	\$73,580	\$76,375	\$79,638
<u>Average Tax Rates Shown in Dollars</u>					
State Education Tax	\$417	\$427	\$441	\$458	\$478
Livonia Public Schools Operating	\$1,330	\$1,359	\$1,407	\$1,460	\$1,522
Livonia Public School Debt	320	323	334	347	366
Wayne Intermediate School District(RESA)	241	246	402	417	435
Schoolcraft Community College	125	128	131	136	141
Livonia City Government	969	991	1,023	1,062	1,106
Wayne County Government	530	472	488	507	529
Wayne County Jail	65	67	69	72	75
Wayne County Parks	17	17	18	19	20
Zoo Authority	7	7	7	8	8
Art Institute	14	14	15	15	16
Huron Clinton Metro Authority	15	15	16	16	17
Total Dollars	\$4,050	\$4,066	\$4,351	\$4,516	\$4,713

III. Location/Site Maps

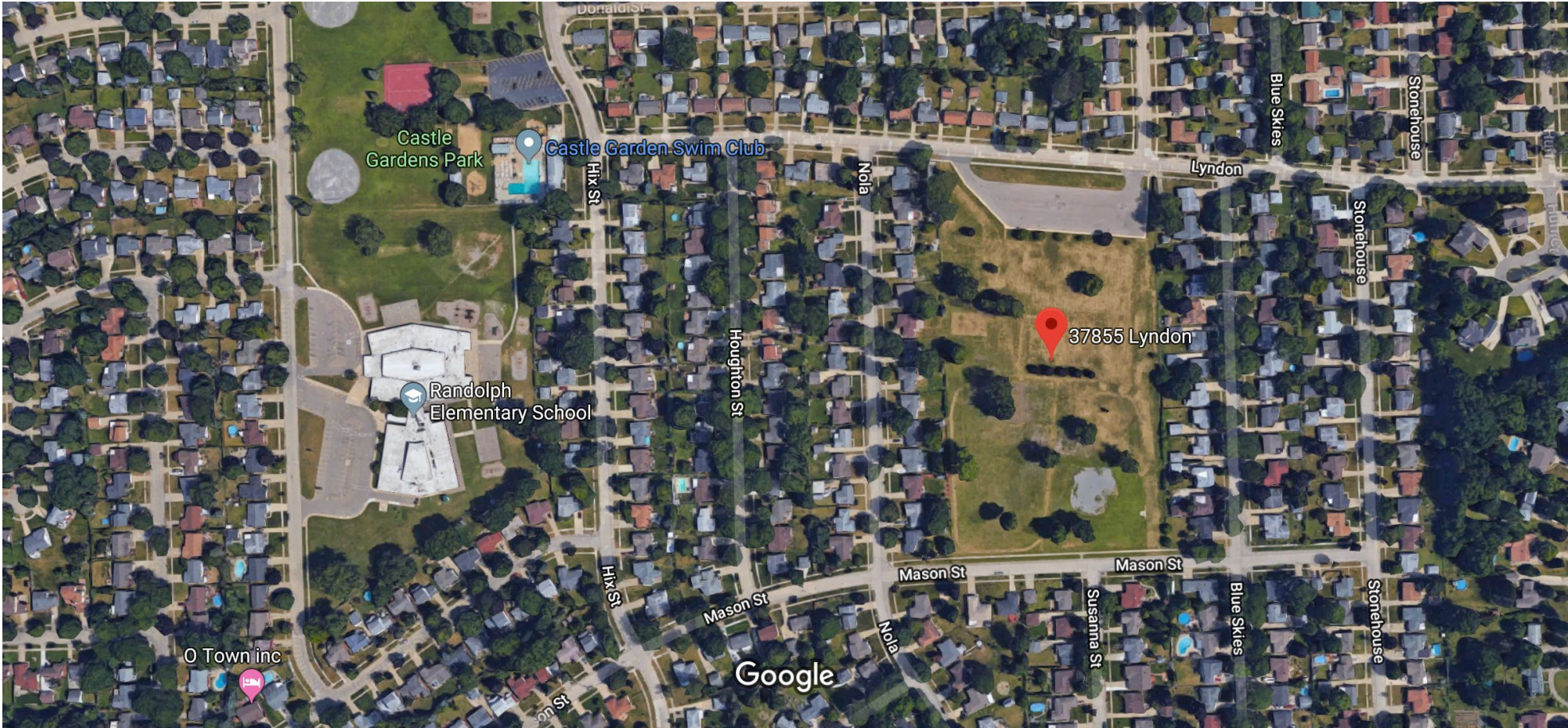
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Google Maps 37855 Lyndon

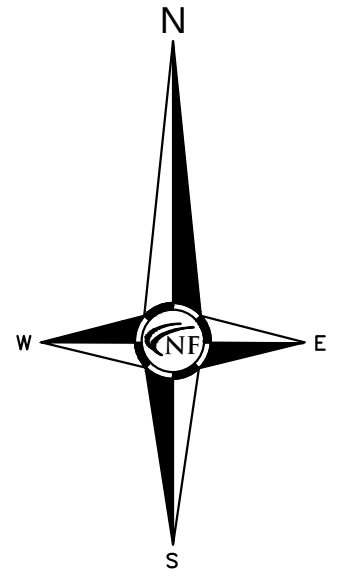
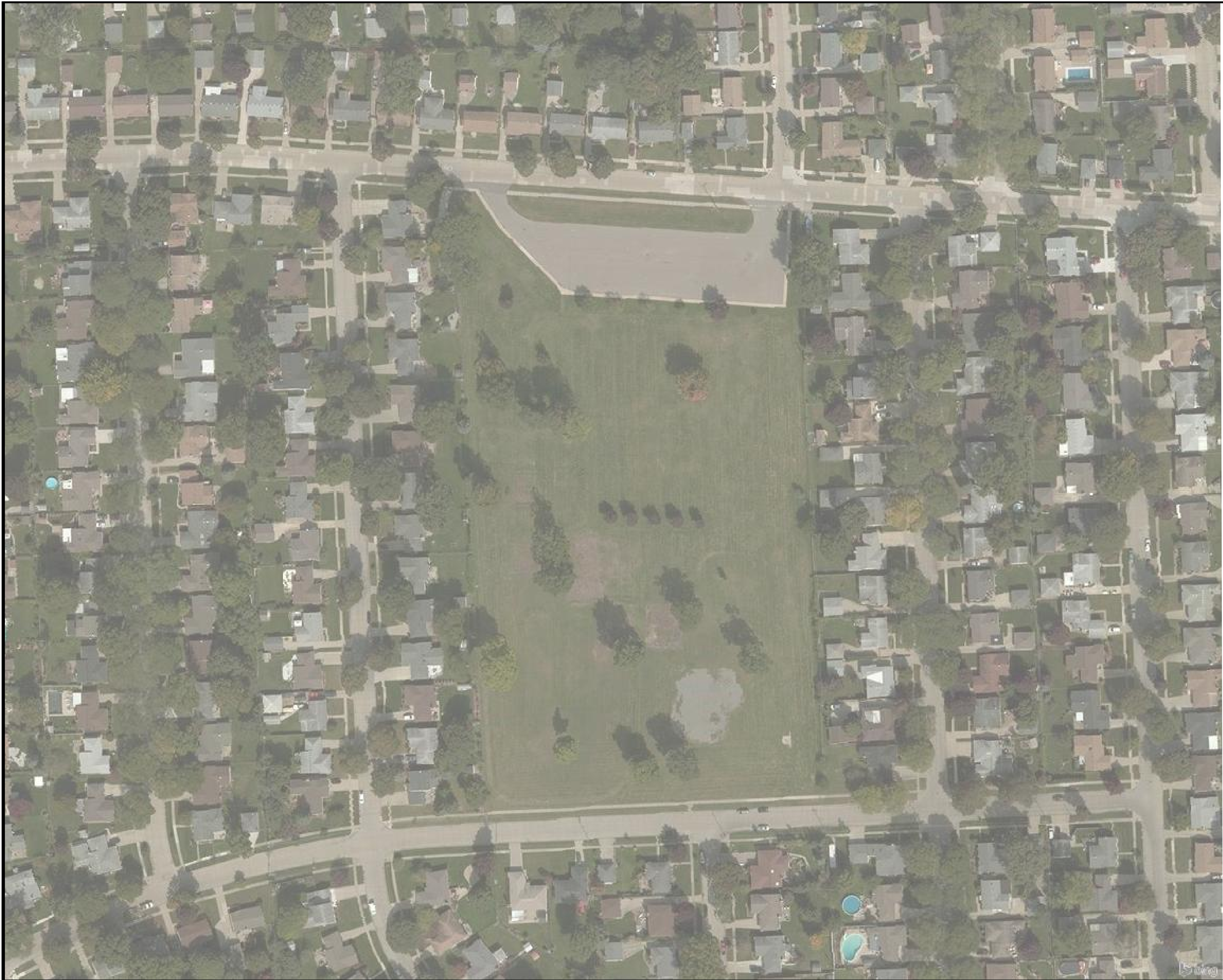


Imagery ©2019 Google, Imagery ©2019 CNES / Airbus, Maxar Technologies, U.S. Geological Survey, USDA Farm Service Agency, Map data ©2019 1000 ft

Google Maps 37855 Lyndon



Imagery ©2019 Google, Imagery ©2019 Maxar Technologies, U.S. Geological Survey, USDA Farm Service Agency, Map data ©2019 200 ft



CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS

NOWAK & FRAUS ENGINEERS
46777 WOODWARD AVE.
PONTIAC, MI 48342-5032
TEL. (248) 332-7931
FAX. (248) 332-8257

SCALE: 1" = 60'
60 30 0 30 60 90

IV. Zoning

ñThe information contained in this Request For Proposal To Purchase Real Property is provided as an accommodation to the prospective purchasers. It is believed to be correct, but no representations or warranties as to its accuracy should be inferred or are made. Each party responding to this Request For Proposals should independently confirm the accuracy of the information contained herein.ò

ARTICLE IV. - R-1 THROUGH R-5 DISTRICT REGULATIONS

~~Section 4.01.~~ Application of Article. The regulations set forth in this article shall apply to all R-1, R-2, R-3, R-4 and R-5 Districts.

~~Section 4.02.~~ Permitted Uses. (Section 4.02, as amended by the following: Ordinance No. 737, adopted 4-23-69; Ordinance No. 845, adopted 11-12-70; Ordinance No. 1113, adopted 11-28-73; Ordinance No. 2324, adopted 4-15-96; Ordinance No. 2467, adopted 10-27-99; Ordinance No. 2549, adopted 11-7-01, Ordinance No. 2681, adopted 11-22-04; Ordinance No. 2759, adopted 10-25-06; Ordinance No 2896, adopted 4-4-12; Ordinance No. 2911, adopted 7-18-12.) In all R-1 through R-5 Districts, no building or land, except as otherwise provided in this ordinance, shall be erected or used except for one or more of the following specified uses:

- (a) One family dwellings.
- (b) Public schools and public libraries; fire stations and police stations.
- (c) Municipally owned and operated parks, playgrounds and recreational areas when open and available for use by the residents of the City of Livonia.
- (d) Temporary buildings or structures for uses incidental to the construction of residential dwellings and improvements, which buildings shall be removed immediately upon completion or abandonment of the construction work.
- (e) Golf courses, public and private, including club house facilities, but not including miniature golf courses or golf driving ranges operated for either commercial or non-commercial purposes.
- (f) Gardening and the growing of vegetables, fruits, flowers, shrubs and trees, provided such items are not offered for sale on the property.
- (g) Accessory buildings, uses, and vehicles incidental to any of the above permitted uses, when located on the same or adjoining lot are permitted in accordance with the following subparagraphs:
 - (1) Private garages and detached accessory structures are permitted in accordance with Sections 2.10 and 18.24 of this ordinance.
 - (2) No more than three vehicles shall be housed in a private garage, and all inoperable or unlicensed vehicles or vehicles bearing visible commercial advertising, equipment, or accessories shall be housed in a garage when not in use. One (1) unit of unoccupied Recreational Equipment may be housed in the garage or stored in the rear yard, except that no such unit may be stored within the corner side yard, as that term is defined in Section 15.44.030 of the Livonia Code of Ordinances, as amended. The temporary parking of one (1) unit of Recreational Equipment on the Recreational Equipment owner's or user's front or side driveway shall be permitted for a period not to exceed seventy-two (72) hours cumulatively in any five (5) day period for the purpose of repairing and maintaining the Recreational Equipment unit for suitable vacation use.
 - (3) Home occupations, except where specifically prohibited, shall be permitted where incidental to residential use and meeting all of the following criteria:
 - a. The activity is conducted entirely within a completely enclosed dwelling unit and entails neither the use of more than 20% of the usable floor area of that dwelling unit nor any garage (detached or attached) or other building or structure accessory to the principal building;
 - b. The activity does not generate any noise, vibrations, smoke, dust, heat, glare or interference with radio or television reception in the area that would exceed that normally produced by a dwelling unit in a residential district;

- c. The activity does not entail any advertising, display or other indications of a home occupation, business, professional, trade or occupational use of the property, except as permitted by Section 18.50E of this ordinance;
 - d. There is no outdoor display or storage of materials, goods, supplies or equipment;
 - e. There are no deliveries from commercial suppliers by any vehicle that exceeds Class 5 in the Federal Highway Administration classification system, and all deliveries are made between 9:00 a.m. and 5:00 p.m. on weekdays, provided further that such deliveries shall not restrict traffic circulation or occur so frequently as to interfere with the quiet character of the residential neighborhood;
 - f. No clients, patrons, salespersons, or other commercial invitees visit the premises except between the hours of 8:00 a.m. and 9:00 p.m., and no more than ten (10) vehicles visit the premises during that period, with no more than two (2) vehicles visiting at one time; provided further, that massage establishments, as defined in Section 2.08 of this ordinance, shall be strictly prohibited in all R-1, R-2, R-3, R-4 and R-5 districts, as permitted or waiver uses;
 - g. The activity does not entail large-scale manufacturing or assembly, warehousing, or distribution, or sales or rentals of any article or service except such as is produced by such occupation;
 - h. The activity does not require any internal or external alteration, construction feature, equipment or machinery which is not customary in residential areas;
 - i. The activity does not entail employment of more than one person other than members of the resident family;
 - j. In the event that chemical and/or toxic-based materials will be utilized in connection with said home occupation, the owner or occupant of the property shall register same with the Building Official, the Fire Department and the Livonia Emergency Planning Committee prior to use of the residence for said home occupation in order to insure compliance with all local, state and federal environmental regulations.
- (h) A "family child care home," as defined by Public Act 1973, No. 116 of the State of Michigan, MCL 722.111, et seq, as amended, as a private home in which one (1) but fewer than seven (7) minor children are received for care and supervision for periods of less than twenty-four (24) hours a day, unattended by a parent or legal guardian, for more than four (4) weeks during a calendar year, except children related to an adult member of the family by blood, marriage, or adoption; provided, however, that
- (1) The owner or occupant of said residence is a licensee in good standing with the State of Michigan pursuant to PA 1973, No. 116, MCL 722.111, et seq, as amended;
 - (2) The owner or occupant of said residence has registered with the City Clerk;
 - (3) The facility is the principal residence of the provider;
 - (4) The use shall not result in traffic congestion or hazardous traffic conditions;
 - (5) A drop-off/pickup area shall be provided where the residence is located on a major thoroughfare as defined in this ordinance in order to prevent vehicles from backing onto the roadway;
 - (6) All health and safety requirements established by the State of Michigan shall be met;
 - (7) There shall be no dropping off or picking up of children between the hours of 10:00 p.m. and 6:00 a.m.;
 - (8) No structural changes or exterior alterations shall be made which would alter the residential character of the dwelling except for those necessary to comply with the State of Michigan licensing rules applicable to family day care homes;
 - (9) Such use shall provide and maintain an outdoor play space as required by the State of Michigan;
 - (10) The use will comply with all noise standards and other provisions contained in Chapter 8.24 (Nuisances) and Chapter 8.32 (Noise Control) of the Livonia Code of Ordinances, as amended;

- (11) No sign shall be used on the premises;
- (12) All family day care homes shall be registered with the 911 dispatch center and the City of Livonia Public Safety Department;
- (13) No new family day care home shall operate within a distance of one thousand (1,000) feet from any existing registered family day care home or group day care home, as measured from the nearest property line of the proposed use to the nearest property line of the existing registered use.

Section 4.03. Waiver Uses. (Section 4.03, as amended by Ordinance No. 968, adopted 5-10-72; Ordinance No. 1613, adopted 11-30-81; Ordinance No. 2412, adopted 12-14-97.) The following uses are permitted upon review and submission of findings by the City Planning Commission and approved by the City Council. Such use shall be approved only if the proposal for such use complies with the special requirements and regulations provided therefor and with the standards set forth in Section 19.06 of this ordinance.

- (a) Churches, if situated on a parcel of land at least two (2) acres in area, including parish houses, convents, rectories and parochial schools, and private educational institutions, and accessory uses such as, but not limited to, fund raising events (which may include commercial entertainment).
- (b) Privately owned and operated parks, picnic groves or similar facilities using open land only for outdoor exercises and recreation, which are not operated for profit; provided that the written consent of at least sixty (60) percent of the owners of residential property located within a three hundred and sixty-foot radius of site perimeter is first filed with the Inspection Department.
- (c) Community buildings, not expressly permitted in Section 4.01, country clubs or similar civic club buildings (but not a residential club operated as a commercial enterprise) provided that the written consent of at least sixty (60) percent of the owners of residential property located within a three hundred and sixty-foot radius of the site perimeter is first filed with the Inspection Department and provided further that the building shall be situated on a parcel of land at least two (2) acres in area.
- (d) Privately owned and operated neighborhood, community, or club swimming pools when the owner or owners are all bona fide residents of the City of Livonia and such use can comply with the following special requirements:
 - (1) The use shall be erected and located on a satisfactory site that is at least four (4) acres in area;
 - (2) Front, side and rear yards shall each be at least twenty (20) feet wide;
 - (3) The pool shall not be constructed within fifty (50) feet of any existing public street right-of-way as measured from the edge of the water;
 - (4) The pool shall not be constructed within three hundred (300) feet of any existing residence as measured from the edge of the water;
 - (5) Off-street parking facilities shall be provided on the premises to accommodate one third (1/3) of the total member families and/or individual members of the organization constructing the pool;
 - (6) A parking and traffic plan showing the planned provision for parking and ingress and egress for pedestrian and motor vehicle traffic approved by the Police and Fire Departments shall be filed with the Inspection Department as a condition precedent to the issuance of the permit;
 - (7) All front, side and rear yards of the premises shall be landscaped with trees, shrubs and grass;
 - (8) A landscaping plan and time schedule approved by the Parks and Recreation Department shall be filed with the Inspection Department as a condition precedent to the issuance of the permit;
 - (9) Buildings erected on the premises in connection with such use shall in no case exceed one (1) story in height except where, as a result of the peculiar topography of the premises, a lower level can be constructed entirely below the grade of the public street abutting or adjacent to such premises, in which case the same shall be permitted, and lighting facilities erected on the premises shall not exceed twenty (20) feet in height;
 - (10) A storm water plan, approved by the Engineering Division of the Department of Public Works, shall be filed with the Inspection Department as a condition precedent to the issuance of a per-

mit in those cases where storm sewers are not available, or if available the capacity is not ample to service the pool facilities;

- (11) As a condition precedent to the issuance of a building permit for such pool, there shall be on file in the office of the Inspection Department the written consent of sixty (60) percent of all residential property owners within a radius of three hundred sixty (360) feet of the perimeter of the premises whereon the proposed pool facilities are to be constructed and operated;

and provided further, that such use complies with all other applicable rules, regulations and ordinances of the City of Livonia. In order that the City Planning Commission might properly determine whether or not the requirements provided herein have and can be complied with, there shall be filed with the City Planning Commission a certified copy of the Articles of Incorporation and By-Laws of the private swimming pool club or organization; a plot plan drawn to scale showing the location of the premises on which the private swimming pool and related recreational facilities are to be situated and showing also the dimensions and area of such proposed area, and the location of all residences and other buildings, structures and public streets within one thousand (1,000) feet of such premises as measured from each of the property lines of the property site; and a separate development plan of the proposed site showing the size and location of all facilities to be situated thereon, and the size and location of all front, rear and side yards and the length, width and location of all driveways and parking facilities to be located on the proposed site. For the purpose of this ordinance, the term "neighborhood," "community," or "club" pool shall mean that the pool is owned and operated by a private swimming club or similar organization for the sole and exclusive use of its members of such club, their families and guests.

- (e) Public utility buildings, telephone exchanges, transformer stations and substations.
- (f) Open Space Planned Residential Developments in R-4 and R-5 Districts subject to the requirements and provisions of Article XX of this ordinance.
- (g) Bed and breakfast establishments provided that:
 - (1) Such use shall be located on a lot or parcel of no less than one-half (1/2) acre in area or in a residential structure containing no less than two thousand (2,000) square feet of living space.
 - (2) Off-street parking shall be provided in the rear or side yard, behind the front building setback line, in an amount equal to one (1) parking space per bedroom. For parcels abutting an exterior side street, parking shall not be closer to the street than the principal structure. Such parking lot shall be improved with a minimum of four (4) inches of concrete or plant mixed asphalt. Natural screening by use of plant material or other screening by use of fencing shall be utilized to screen parking areas from adjoining residential properties.
 - (3) Such use shall have direct access to a public street having an existing or planned width of at least eighty-six (86) feet or more as designated on the Master Thoroughfare Plan.
 - (4) Such establishments shall be run by persons who own and occupy the premises for residential purposes.
 - (5) Not more than six (6) bedrooms in the bed and breakfast establishment shall be used for bed and breakfast sleeping rooms.
 - (6) No garage shall be used for bed and breakfast sleeping rooms.
 - (7) The dwelling to be used as a bed and breakfast establishment shall have at least two (2) usable exits.
 - (8) No accessory buildings shall be used for bed and breakfast sleeping rooms unless they were originally constructed to accommodate housing use.
 - (9) One (1) sign identifying the bed and breakfast establishment shall be permitted if such sign complies with all the requirements of Section 18.50E of this ordinance.
 - (10) Such establishments shall comply with all applicable local, county, state and federal ordinances, laws, rules, regulations and codes.
 - (11) Guest occupancy shall be no longer than fourteen (14) consecutive days.
 - (12) No more than four (4) occupants per room shall be allowed.

- (13) There shall be no cooking facilities for use by the occupants of the bed and breakfast sleeping rooms.
- (14) Lavatory and bathing facilities shall be available for all persons utilizing the bed and breakfast establishment.
- (15) A fire escape plan shall be developed and graphically displayed in each guest room. A smoke detector in proper working order shall be placed in every sleeping room and a fire extinguisher in proper working order shall be placed on every floor. The site shall be reviewed by the Fire Marshall pursuant to the standards contained in the Fire Prevention Code as to the necessity for fire lanes.
- (16) All bed and breakfast establishments shall be required to obtain a business license under Chapter 5.42 of the Livonia Code of Ordinances and shall not conduct operations until such license has been obtained pursuant to that chapter. All bed and breakfast operations shall submit to annual inspections by the Building and Fire Departments. Renewal of a business license shall be contingent upon compliance with applicable codes, as verified by such inspectors.

Section 4.04. Schedule of Minimum Lot Sizes in R-1 through R-5 Districts. (Section 4.04, as amended, by Ordinance No. 714, adopted 10-16-68; Ordinance No. 1469, adopted 5-28-79; Ordinance No. 2932, adopted 5-8-13.) The minimum lot sizes required for the sizes of all dwellings, and other permitted uses, together with accessory buildings, hereafter erected in any R-1 through R-5 Districts, are hereby established as follows:

Use District	Lot Area	Lot Width	Lot Depth
R-1	7,200 Square feet	60 feet	120 feet
R-2	8,400 Square feet	70 feet	120 feet
R-3	9,600 Square feet	80 feet	120 feet
R-4	11,700 Square feet	90 feet	130 feet
R-5	15,000 Square feet	100 feet	150 feet

provided, however, that:

- (a) When lots are hereafter platted with a side or rear lot line abutting a major thoroughfare with an existing or proposed right-of-way width of one hundred twenty (120) feet or more as designated on the Master Thoroughfare Plan of the City of Livonia, the lot depth and/or lot width shall be increased by at least thirty (30) feet to provide additional buffering from such thoroughfare;
- (b) Lot depth requirements as stated above need not be adhered to where immovable physical boundary limitations exist which prohibit meeting lot depth requirements, provided that all minimum area and width requirements are met; and
- (c) Land in R-5 Districts may be developed, at the option of the landowner, with the same number of dwelling units on eighty (80) percent of the land as could otherwise be developed on the entire land area if the remaining twenty (20) percent of the land will remain perpetually in an undeveloped state by means of a conservation easement in favor of the City. This development option may only be exercised once with respect to any parcel of land. For the purpose of determining the total number of dwelling units that could be developed under this subsection, the proprietor shall submit, at the time a request is made to develop the parcel, a fully dimensioned plan drawn to scale showing how the site could be developed in full conformity with existing ordinances, laws and rules as applied to the R-5 District, including wetlands, floodplains, minimum lot sizes and yard requirements. The plan must also conform to the design, layout and improvement standards for storm water drainage and streets and roads as provided in the City of Livonia Subdivision Control Ordinance. Regardless of how much of the parcel is devoted to open space, reductions in lot sizes and yard requirements permitted by this paragraph shall in no event exceed twenty (20) percent.

Section 4.05, Schedule of Minimum Front and Rear Yard Requirements in R-1 through R-5 Districts. (Section 4.05., as amended, by Ordinance No. 726, adopted 1-29-69.) The minimum front and rear yards required for each lot in R-1 through R-5 Districts are hereby established as follows:

Use District	Front Yard	Rear Yard
R-1	25 feet	30 feet
R-2	30 feet	30 feet
R-3	35 feet	30 feet
R-4	40 feet	35 feet
R-5	50 feet	45 feet

Section 4.06. Minimum Side Yard Requirements in R-1 through R-5 Districts. (Section 4.06, as amended, by Ordinance No. 726, adopted 1-29-69.) The minimum side yards required for each lot in R-1 through R-5 Districts are hereby established as follows:

	R-1	R-2	R-3	R-4	R-5
Two side yards, each not less than and a	5 ft.	6 ft.	8 ft.	10 ft.	12 ft.
Combined width of both not less than	14 ft.	16 ft.	18 ft.	22 ft.	24 ft.
In all cases, however, a side yard abut-					
ting on a street shall not be less than	15 ft.	17 ft.	19 ft.	21 ft.	23 ft.
Rear yard abutting side yard, the side					
yard abutting upon a street not less					

than	25 ft.	25 ft.	25 ft.	30 ft.	40 ft.
------	-----------	-----------	-----------	-----------	-----------

The City Planning Commission, regardless of the foregoing, may in approving plats require proposed houses to be shown on corner lots where one lot faces a street and the lot on the opposite side of the street sides to the same street, the side yard on the first shall be the same as the front setback on the lot facing the street.

~~Section 4.07~~ **Building Height.** No building hereafter erected or altered in any R-1 through R-5 District shall be more than two (2) stories in height nor exceed thirty-five (35) feet in height, except as provided in Sections 18.41 to 18.44, inclusive of this ordinance.

~~Section 4.08~~ **Lot Coverage Limitations.** (Section 4.08, as amended by Ordinance No. 2897, adopted 4-4-12.) One family dwellings together with accessory buildings hereafter erected on any lot in any R-1 through R-5 District shall not cover more than thirty (30) percent of the area of such lot.

~~Section 4.09~~ **Off-street Parking Requirements.** Off-street parking facilities shall be provided as hereinafter specified in Sections 18.37 to 18.40, inclusive, of this ordinance.

~~Section 4.10~~ **Frontage of Residential Lots.** (Section 4.10 Other Uses, repeated by Ordinance No. 821, adopted 7-20-70; Section 4.10 Frontage of Residential Lots added by Ordinance No. 2206, adopted 12-16-93.) No lot shall be used for a dwelling unless it abuts for its full frontage upon a street (as defined in Section 2.03 of this ordinance.)

Section 4.11 Uses Requiring a Conditional Use Permit From the Zoning Board of Appeals. (Section 4.11 added by Ordinance No. 2467, adopted 11-14-99; Ordinance No. 2759, A 2, adopted 10-25-06.) A "group day care home," as defined by 1973 PA 116, of the State of Michigan, as amended, as a private home in which more than six (6) but not more than twelve (12) minor children are given care and supervision for periods of less than twenty-four (24) hours a day unattended by a parent or legal guardian, for more than four (4) weeks during a calendar year, except children related to an adult member of the family by blood, marriage or adoption, provided that the group day care home shall be issued a permit hereunder if it either meets the criterion of subsection (a) of this section, or the Zoning Board of Appeals finds that it meets the criteria of subsection (b) of this section, following a hearing for which notice is provided as required by law for public hearings concerning zoning matters.

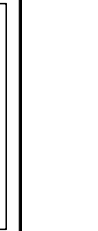
- (a) The owner or occupant of said residence currently operating as a group day care home is a licensee and has continuously remained a licensee in good standing with the State of Michigan pursuant to 1973 PA 116, as amended, since prior to November 14, 1999;
- (b) Group day care homes not licensed and operating prior to November 14, 1999 in residential zones shall meet all of the following:
 - 1. The owner or occupant of said residence shall be a licensee and continuously remain a licensee in good standing with the State of Michigan pursuant to 1973 PA 116, as amended;
 - 2. The group day care home shall not operate within a distance of one thousand (1,000) feet from any existing registered family day care home or group day care home, as measured from the

nearest property line of the proposed use to the nearest property line of the existing registered use;

3. The owner or operator has registered with the City Clerk;
4. The facility is the principal residence of the provider;
5. The use shall not result in traffic congestion or hazardous traffic conditions;
6. A drop-off/pickup area shall be provided if the residence is located on a major thoroughfare as defined in this ordinance in order to prevent vehicles from backing onto the roadway;
7. The use shall not involve an increase in on-street parking by more than two (2) additional vehicles at a time;
8. All health and safety requirements of the State of Michigan shall be met;
9. There shall be no dropping off or picking up of children between the hours of 10:00 p.m. and 6:00 a.m.;
10. No structural changes or exterior alterations shall be made which would alter the residential character of the dwelling except as required by the State of Michigan licensing rules;
11. Such use shall provide and maintain an outdoor play space meeting the minimum requirements of the State of Michigan;
12. The residence shall have appropriate fencing which shall encompass the entire outdoor play space, unless same is prohibited by recorded private homeowner's restrictions/bylaws, or, in the alternative, relief from this requirement may be sought upon appeal to the Zoning Board of Appeals;
13. The use shall comply with all noise standards and other provisions contained in Chapter 8.24 (Nuisances) and Chapter 8.32 (Noise Control) of the Livonia Code of Ordinances, as amended;
14. No sign shall be used on the premises;
15. All group day care homes shall be registered with the 911 dispatch center and the City of Livonia Public Safety Department.

V. Survey /Utility Plan/Concept Plan / Demolition Plan

ñThe information contained in this Request For Proposal To Purchase Real Property is provided as an accommodation to the prospective purchasers. It is believed to be correct, but no representations or warranties as to its accuracy should be inferred or are made. Each party responding to this Request For Proposals should independently confirm the accuracy of the information contained herein.ò



SECTION 19
T.15, R.9C



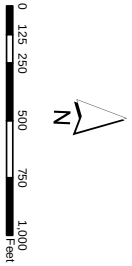
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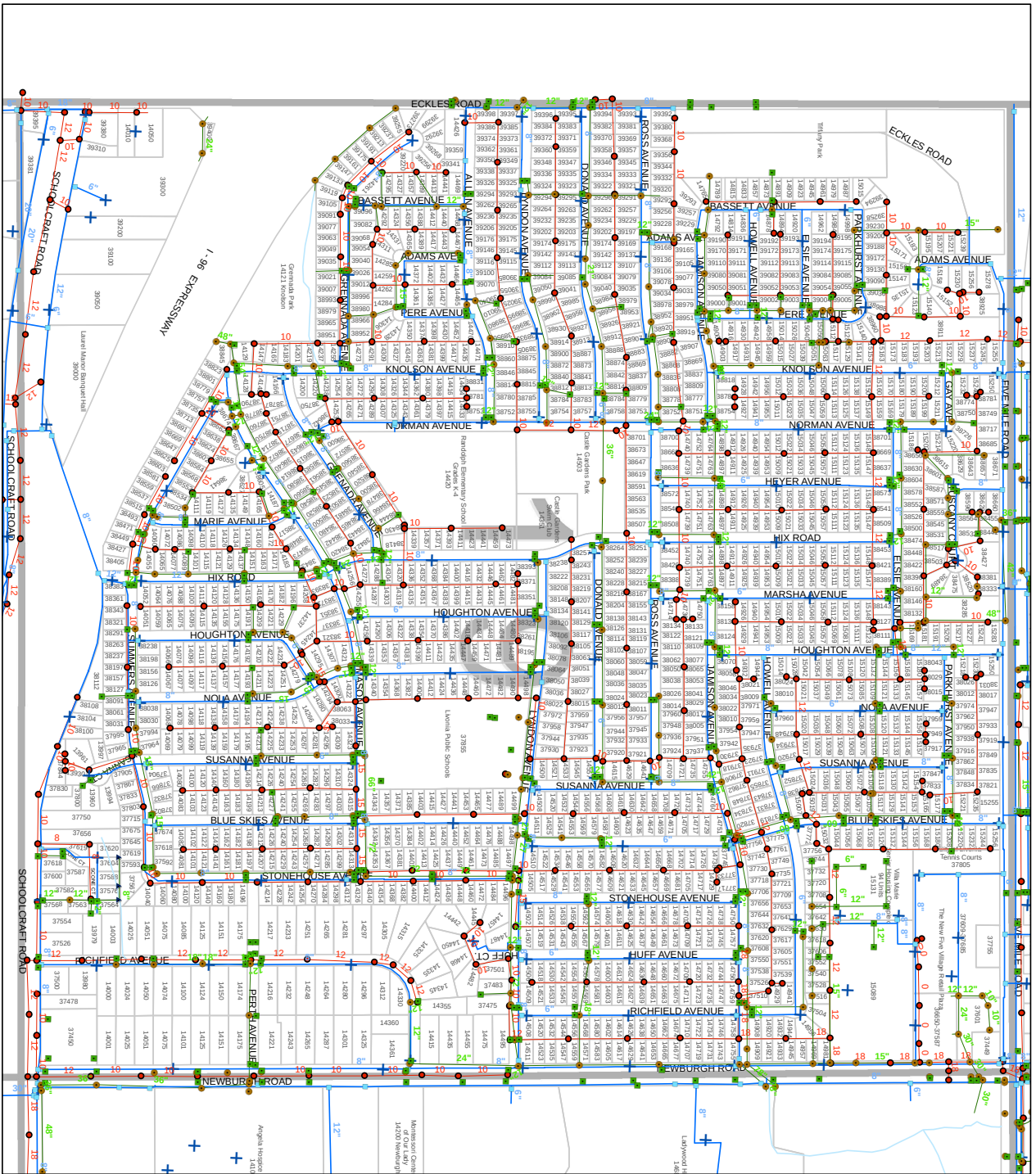
SECTION 19

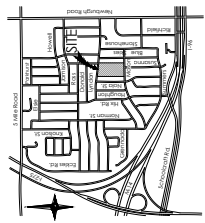
City of Livonia UTILITIES MAPBOOK

- Legend**
- Storm Catch Basin
 - Storm Inlet
 - Storm Manhole
 - Water Valve
 - Water Hydrant
 - Sanitary Manhole
 - Water Main
 - Storm Sewer
 - Sanitary Sewer

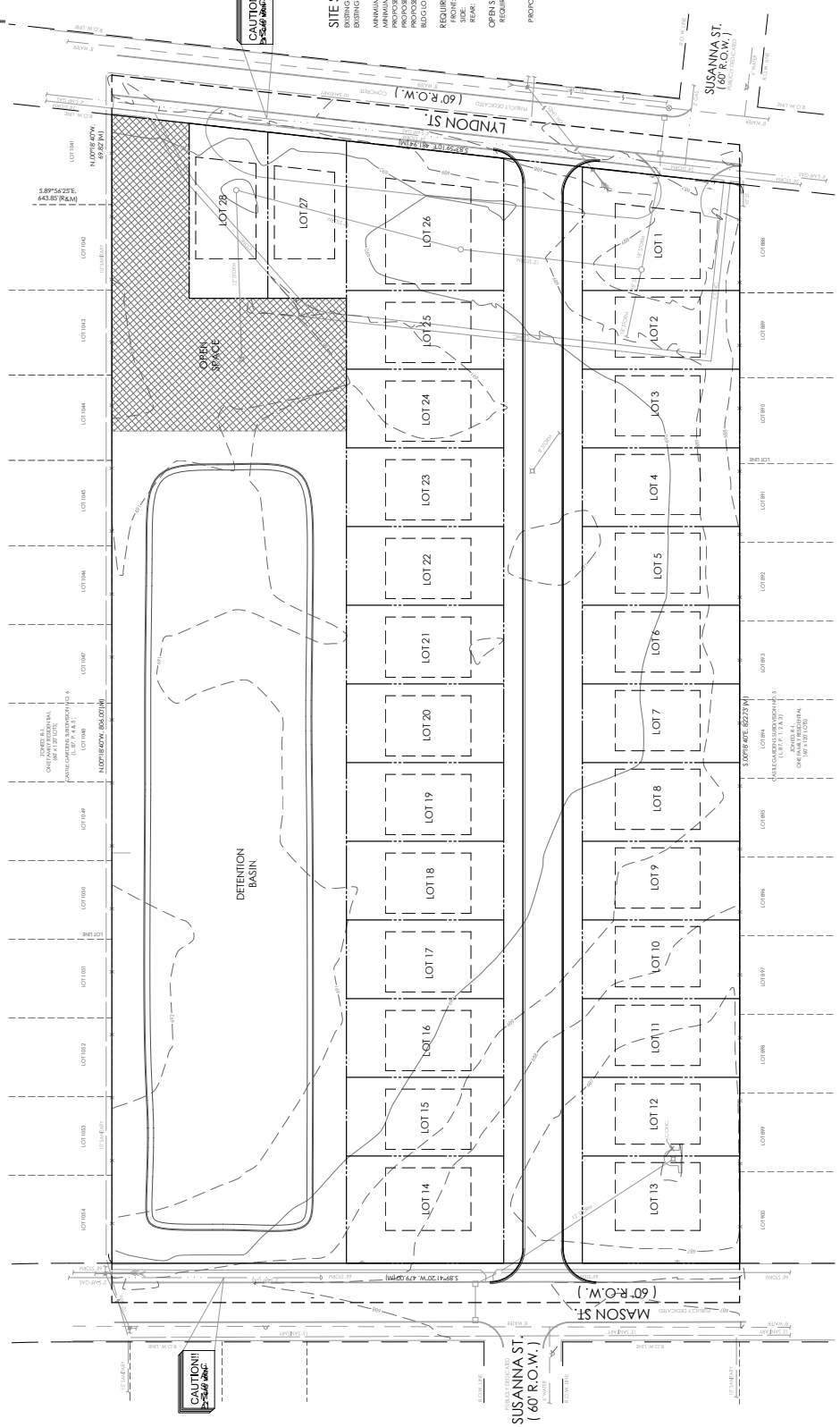


Information contained herein deemed reliable but not guaranteed.
Map Updated February 2015





LOCATION MAP



CAUTION!!
Subsided Area

CAUTION!!
Subsided Area

SITE SUMMARY
EXISTING SITE: 8.1 SINGLE FAMILY DISTRICT
EXISTING AREA: 46,864.51 SF OR 1.34 ACRES
MINIMUM LOT SIZE: 67 X 120
PROPOSED LOT AREA: 7,200 S.F.
PROPOSED DENSITY: 2.99 UNITS PER ACRE
PROPOSED BUDGET: TWO TOPES, 55 FEET
BUDGET COVERAGE: 30% OF EACH LOT
REQUIRED YARDS
FRONT: 10'
SIDE: 5'
REAR: 30'
OPEN SPACE REQUIREMENTS
REQUIRED: 755.1 SF PER LOT REQUIRED
28 LOTS X 27' = 756 S.F. REQUIRED
PROPOSED: 26,180 S.F.

LOT SCHEDULE

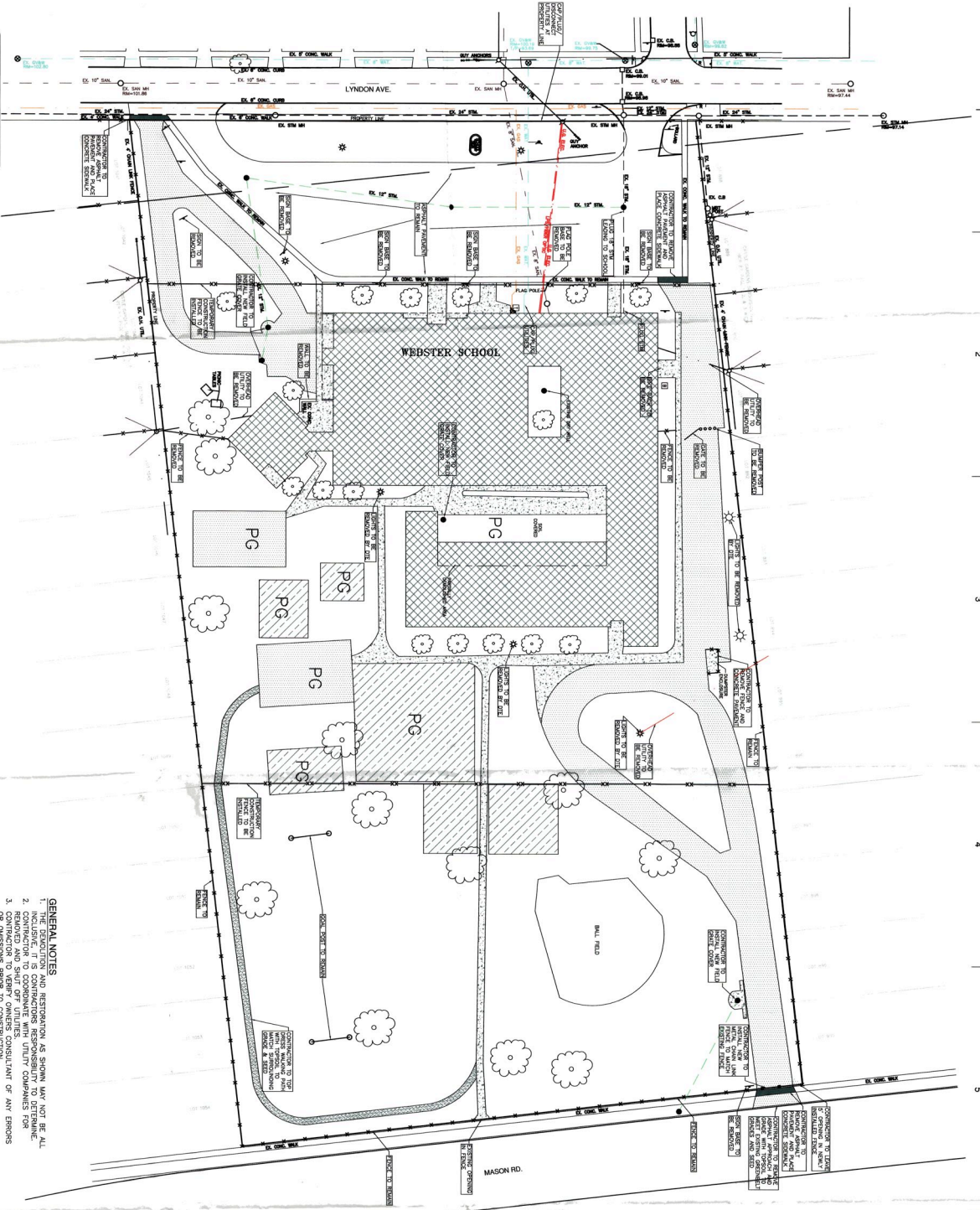
LOT NO.	LOT AREA (S.F.)
LOT 1	10,501.95
LOT 2	7,200.00
LOT 3	7,200.00
LOT 4	7,200.00
LOT 5	7,200.00
LOT 6	7,200.00
LOT 7	7,200.00
LOT 8	7,200.00
LOT 9	7,200.00
LOT 10	7,200.00
LOT 11	7,200.00
LOT 12	7,200.00
LOT 13	9,899.41
LOT 14	7,200.00
LOT 15	7,200.00
LOT 16	7,200.00
LOT 17	7,200.00
LOT 18	7,200.00
LOT 19	7,200.00
LOT 20	7,200.00
LOT 21	7,200.00
LOT 22	7,200.00
LOT 23	7,200.00
LOT 24	7,200.00
LOT 25	7,200.00
LOT 26	7,200.00
LOT 27	7,405.81
LOT 28	7,807.39

DRAWN BY:
G. Ostrowski

DESIGNED BY:
G. Ostrowski

APPROVED BY:
G. Ostrowski

DATE:
October 28, 2019



1. THE DEMOLITION AND RESTORATION AS SHOWN MAY NOT BE ALL NECESSARY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE NECESSITY OF THE FOLLOWING:
2. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES FOR REMOVAL AND SHUT OFF UTILITIES.
3. CONTRACTOR TO VERIFY OWNERS CONSULTANT OF ANY ERRORS.
4. CONTRACTOR TO BE CAREFUL OF ADJACENT/CONNECTED AT PROPERTY BOUNDARY AND BETWEEN CONCRETE SIDEWALK TO REMAIN AND SCHOOL BUILDING.
5. STORM SEWERS TO BE PLACED ON SOUTH SIDE OF EXISTING SIDEWALK AND TO BE ADJACENT TO CONCRETE SIDEWALK TO REMAIN AND SCHOOL BUILDING.
6. ALL AREA SURFACES BY CONTRACTORS OPERATIONS SHALL BE RESTORED. GRASSSED AREAS SHALL BE THE GRADED, TOP SOILED AND PLANTED. PAVED AREAS SHALL BE REDUCED IN WIDTH AND ALL TREES TO REMAIN.

EXISTING STORM SEWER
EXISTING UNDERGROUND ELECTRICAL
EXISTING GAS LINE
EXISTING SANITARY SEWER
EXISTING WATER LINE
EXISTING LVS FIRE OPTIC LINE
EXISTING OVERHEAD UTILITY
EXISTING FIRE HYDRANT
EXISTING SIGN
EXISTING TREE TO REMAIN
EXISTING STORM WATER CATCH BASIN
EXISTING FENCE

EXISTING STORM WATER CATCH BASIN	EXISTING FENCE	EXISTING ASPHALT PAVEMENT TO BE REPAVEMENT WITH TOPSOIL AND SEEDED
NEW FENCE TO BE INSTALLED BY CONTRACTOR	TEMPORARY CONSTRUCTION FENCE TO BE INSTALLED	EXISTING CONCRETE PAVEMENT TO BE REPAVEMENT WITH TOPSOIL AND SEEDED
EXISTING STRUCTURE TO BE DEMOLISHED AND REMOVAL OF MATERIAL AND EQUIPMENT PRESENT WITH BUILDING, FLOOR SLABS, TOWNHouses AND OTHER SURFACE STRUCTURES	NEW CONCRETE SIDEWALK TO BE PLACED	

 WALKING PATH	 PC
 PLAYGROUND EQUIPMENT TO BE REMOVED	 EXISTING WOODCHOP AREA
 LIGHT POLE BASES TO BE REMOVED	 LIGHTS TO BE REMOVED BY DTE
 SLAB-MOUNTED TRANSFORMER TO BE REMOVED BY DTE	 BIKE RACK

[illegible]

PROJECT LOCATION:
37855 LYNDON
LIVONIA, MI

NORTH PROJECT NO.: 62-060550 DESIGNED BY: CJA DRAWN BY: CWS CHECKED BY: CJA	OLD FILE NAME: 62-060550-DEM INCF DATE: 7/29/08 DISTANCE SCALE: 1" = 40' SUBMITTED DATE: 7/29/2008
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SHEET TITLE:

DEMOLITION PLAN

FIGURE 1

VI. Legal Documents

- Proposal Form
- Offer To Purchase
- Affidavit Of Compliance-Iran Economic Sanctions Act

ñThe information contained in this Request For Proposal To Purchase Real Property is provided as an accommodation to the prospective purchasers. It is believed to be correct, but no representations or warranties as to its accuracy should be inferred or are made. Each party responding to this Request For Proposals should independently confirm the accuracy of the information contained herein.ò

LIVONIA PUBLIC SCHOOLS
Request For Proposals To
Purchase Real Property
PROPOSAL FORM

Name of Prospective Purchaser: _____ Contact Person: _____

Address: _____ Phone: _____

E-Mail: _____

1. ***Earnest Money:*** Twenty-Five Thousand (\$25,000.00) Dollars to be submitted within three (3) days of the final execution of the Offer To Purchase Real Estate via certified check.
2. ***Purchase Price:*** \$ _____
3. ***Demolition Plan:*** The prospective purchaser acknowledges it has reviewed the School District's Demolition Plan for the Property for the demolition of the former school building and has no exceptions or questions with respect to said plan, unless otherwise provided below. If the prospective purchaser closes on the subject Property, it takes the Property As-Is.
4. ***Exceptions or Special Conditions:*** The prospective purchaser acknowledges and agrees that it is submitting this Proposal with the understanding that unless the prospective purchaser sets forth specific exceptions to the terms and conditions of this RFP or the Offer To Purchase Real Estate, that the prospective purchaser will execute the Offer To Purchase Real Estate attached to the RFP with all of the terms and conditions as contained therein. Please set forth any exceptions or special considerations below.

(Attach Additional Sheets or mark-up copy of the Offer To Purchase with changes, if desired)

The undersigned represents and warrants to Livonia Public Schools that he/she/it has been duly authorized to execute this Proposal on behalf of the prospective purchaser and that if this Proposal is accepted by Livonia Public Schools that the same shall be binding upon and fully enforceable against the prospective purchaser. The prospective purchaser acknowledges that the School District may accept or reject any Proposal in whole or in part in its sole and absolute discretion.

Print Name of Prospective Purchaser

Print Name and Title of Authorized Agent

Signature of Authorized Agent

Dated: _____, 2020

OFFER TO PURCHASE REAL ESTATE

1. THE UNDERSIGNED, Purchaser hereby offers and agrees to purchase the following vacant real property situated in the City of Livonia, Wayne County, Michigan, described as follows:

9.34 +/- acres of vacant land formerly known as Old Webster Elementary School, commonly known as 37855 Lyndon Street, Livonia, Michigan, Sidwell Number 46-073-99-0007-000, more particularly described on **Exhibit A** attached hereto (the "Premises"),

together with all improvements and appurtenances, if any, now on the Premises, subject to existing building and use restrictions, easements, if any, and zoning ordinances upon the following conditions:

THE SALE TO BE CONSUMMATED BY CASH SALE: Delivery of the Warranty Deed attached hereto and marked as **Exhibit B** conveying marketable title at Closing to the Premises. The purchase price for the Premises shall be the sum of _____ and 00/100 (\$_____) Dollars (the "Purchase Price") payable by Purchaser at Closing in cash, certified check, or direct wire transfer at the option of Seller.

2. As evidence of title, Seller agrees to furnish Purchaser as soon as possible with a Commitment for Title Insurance with the standard exceptions (the "Commitment"), issued by First American Title Insurance Company (the "Title Company") in an amount not less than the Purchase Price bearing date later than the acceptance hereof with policy pursuant thereto to be issued insuring Purchaser. If Purchaser desires Seller to furnish Purchaser with a Commitment "without the standard survey exceptions," Purchaser shall be responsible to obtain a survey within ninety (90) days of the Date of this Offer and verify that said survey is sufficient to allow the Title Company to issue such a Commitment. At Closing, Seller shall pay for and order a title insurance policy consistent with the Commitment which Seller shall have updated to the date of Closing.

3. In the event of default of the terms and conditions of this Offer by the Purchaser hereunder, the Seller may, at its option, elect to enforce the terms hereof by specific performance or declare a breach hereunder, terminate this Offer and retain the Earnest Money Deposit as liquidated damages.

4. In the event of default of the terms and conditions of this Offer by the Seller hereunder, the Purchaser may, at its option, elect to enforce the terms hereof by specific performance or demand, and be entitled to, an immediate refund of its entire Earnest Money Deposit in full termination of this Offer.

5. If written objection to the title is made within five (5) days of delivery of the Commitment, that the title is not in the condition required for performance hereunder, the Seller shall have thirty (30) days from the date it receives notice in writing of the particular defects claimed either to: (1) remedy the title defects set forth in said written notice, although Seller shall have no obligation to cure or to obtain insurance over such defects, or (2) refund the Earnest Money Deposit in full termination of this Offer. Notwithstanding the above, Purchaser may, at any time during the thirty (30) day cure period, waive the conditions of this Paragraph 5 and accept the title in its "As Is" condition. If the Seller is able to remedy such defects within the time specified as evidenced by written notification, a revised Commitment or endorsement to the Commitment, the Purchaser agrees to complete the sale in accordance with the Closing date set forth in Paragraph 13.

6. All special assessments which have been levied and due and payable upon the Premises as of the Date of this Offer shall be paid by the Seller. All special assessments which are levied and due and payable after the Date of this Offer shall be paid by the Purchaser. All real property taxes on the Premises shall be prorated and adjusted as of the date of Closing in accordance with DUE DATE basis of the municipality or taxing unit in which the Premises is located, under the assumptions that taxes are paid in advance and that summer and winter taxes are due and payable July 1 and December 1 respectively. Water and other utility bills shall be prorated and adjusted as of the date of Closing. The Seller shall be responsible for the payment of any applicable transfer taxes associated with this transaction and the Purchaser shall be responsible for all applicable recording fees, including, but not limited to, the fees required for recording the Warranty Deed. Other Closing costs will be split equally between Purchaser and Seller and reflected on the final Closing Statement.

7. It is understood that this Offer is irrevocable for forty five (45) days from the date hereof. If this Offer is accepted by the Seller, the Purchaser agrees to complete the purchase of the Premises within the time indicated in Paragraph 13.

8. Within three (3) business days of the Date of this Offer, Purchaser shall deposit the sum of Twenty Five Thousand and 00/100 (\$25,000.00) Dollars (the "Earnest Money Deposit") to be held by the Seller and applied to the Purchase Price if the sale is consummated. The Seller shall not be responsible to the Purchaser for any interest associated with the subject Earnest Money Deposit.

9. The covenants herein shall bind and inure to the benefit of the executors, administrators, successors and assigns of the respective parties.

10. This Offer and all of Purchaser's obligations hereunder are contingent upon all of the following:

A. Purchaser's satisfaction with the Premises following Purchaser's testing, analysis, inspection and evaluation of the Premises ("Purchaser's Evaluations").

Purchaser shall have ninety (90) days after the Date of this Offer (“Inspection Period”) in which to conduct such investigations, evaluations and testing of the Premises (both above ground and below ground) as Purchaser deems appropriate in order to determine if the Premises are satisfactory and suitable for Purchaser’s intended use and enjoyment. Purchaser’s Evaluations may include, but shall not be limited to: (i) a physical inspection of all aspects of the Premises; (ii) an environmental analysis and investigation of the Premises; (iii) an analysis of the availability of any federal, state or local tax abatements or property tax reductions for the Premises; (iv) a verification that there are no existing special assessments affecting the Premises; (v) investigating the availability and condition of utility and sewage services and systems including, but not limited to, gas, water, electricity, sanitary sewer, storm sewer and telephone services and systems; (vi) making soil tests, borings and other engineering, environmental and architectural tests and evaluations; (vii) reviewing and analyzing all applicable building and use restrictions, zoning ordinances, building codes and all other federal, state and local statutes, codes, ordinances, rules and regulations relating to the ownership, development or use of the Premises; and (viii) analyzing the results of any survey. Upon completion of Purchaser’s Evaluations, Purchaser shall, at its sole cost and expense, restore the Premises to a condition as good as its condition prior to such Evaluations. During the term of the Inspection Period and at all times prior to Closing, Purchaser, its employees, agents, representatives, engineers, inspectors and surveyors (collectively “Representatives”), shall have the right of access to the Premises at all times for the purposes of performing Purchaser’s Evaluations provided Purchaser has executed the attached Release and marked as **Exhibit C** and obtained such a Release from its Representatives. Purchaser shall indemnify, defend and hold Seller free and harmless from and against any liability arising therefrom except as caused by the acts or omissions of Seller or Seller’s agents and employees.

B. In the event that Purchaser is dissatisfied with the results of Purchaser’s Evaluations and Purchaser has notified Seller in writing prior to the expiration of said Inspection Period, Purchaser shall have the option to rescind and terminate this Offer and Seller shall return all of Purchaser’s Earnest Money Deposit paid as of that time, provided that Purchaser delivers to the Seller, free of charge, a copy of, in both electronic and hard copy formats, any and all documents, engineering plans, construction drawings, reports, assessments, surveys or site plans and any other work product prepared by, or on behalf of, Purchaser in accordance with this Paragraph 10 or for the development of the Premises (the “Documents”) and shall represent and warrant to the Seller that upon delivery of the Documents that the Documents are assigned to Seller and/or the Seller has permission from any and all other preparers of the Documents, to use the same in connection with the Premises. All of Purchaser’s Evaluations shall be performed at the Purchaser’s sole cost and

expense. At any time during the Inspection Period, Purchaser may elect to purchase the Premises for the Purchase Price, less the Earnest Money Deposit, by notifying the Seller in writing, and the Closing shall take place in accordance with Paragraph 13.

C. PURCHASER ACKNOWLEDGES THAT ONCE THE INSPECTION PERIOD EXPIRES PURCHASER HAS ACCEPTED THE PREMISES PURSUANT TO THIS PARAGRAPH AND PURCHASER TAKES THE PREMISES "AS IS". EXCEPT AS PROVIDED IN PARAGRAPHS 11 AND 12 BELOW, SELLER HAS NOT MADE ANY REPRESENTATIONS OR WARRANTIES AS TO ANY MATTER, INCLUDING BUT NOT LIMITED TO, EXTERIOR (E.G., SOIL, SURFACE WATER AND GROUNDWATER) CONDITIONS OF THE PREMISES, EASEMENTS, BUILDING AND USE RESTRICTIONS, AVAILABILITY OF UTILITIES, OR ANY OTHER MATTER CONTEMPLATED IN THIS PARAGRAPH 10, AND THAT PURCHASER ASSUMES ALL RESPONSIBILITY FOR ANY INJURIES, CONDITIONS OR DAMAGES CAUSED BY ANY SUCH MATTERS UPON TRANSFER OF TITLE. EXCEPT AS SPECIFICALLY PROVIDED IN THIS OFFER, UPON CLOSING, PURCHASER WAIVES AND RELEASES SELLER FROM ALL CLAIMS OR CAUSES OF ACTION THAT PURCHASER MAY NOW OR HEREAFTER HAVE, KNOWN OR UNKNOWN, AGAINST SELLER RELATING TO THE PREMISES, THIS OFFER OR ARISING UNDER ANY FEDERAL, STATE, OR LOCAL LAW, REGULATION, ORDINANCE, OR CODE THAT RELATES TO THE PHYSICAL OR ENVIRONMENTAL CONDITION OF THE PREMISES.

D. At the expiration of the Inspection Period, there will be one (1) ninety (90) day extension period available to Purchaser ("Extension Period"). At the commencement of the Extension Period, the Earnest Money Deposit shall become non-refundable to Purchaser, but shall be applied toward the Purchase Price in the event of Closing. This Extension Period shall be deemed automatically exercised by Purchaser unless Purchaser shall give written notice to Seller prior to the expiration of the Inspection Period, that Purchaser is electing its right to terminate this Offer. If Purchaser elects to exercise the Extension Period, Purchaser agrees to waive all contingencies enumerated in Paragraphs 10(A), (B) and (C) above, except that Purchaser may solely use the Extension Period in which to continue to pursue all necessary governmental approvals from the City of Livonia or other governmental entities having jurisdiction over the Premises (hereinafter collectively referred to as the "Governmental Approvals"). Purchaser shall use its best efforts to obtain all necessary Governmental Approvals and agrees to commence the Governmental Approvals process and apply for all necessary

Governmental Approvals within thirty (30) days of the Date of this Offer. As part of these Governmental Approvals, Purchaser agrees that it shall secure, at its sole cost and expense, all necessary site plans and other engineering drawings and documentation necessary for the Purchaser to submit to the City of Livonia or other governmental agencies having jurisdiction over the Premises to obtain the Governmental Approvals. In the event all Governmental Approvals have not been secured prior to the expiration of the Extension Period, Seller and Purchaser agree that if the Purchaser does not obtain the Governmental Approvals within the Extension Period, Purchaser may terminate this Offer and if terminated, Seller shall be entitled to retain the Earnest Money Deposit and Purchaser shall provide to Seller, free of charge, the Documents in the form required in Paragraph 10(B) above.

11. Seller represents and warrants, and this representation shall survive the Closing for a period of six (6) months only, that, to the best of its present knowledge, without any independent inquiry, investigation or testing for Hazardous Materials or any other matter:

A. The Premises are free of Hazardous Materials to the extent that any such presence of Hazardous Materials would have a material adverse effect on the Premises, Purchaser understands and acknowledges that Seller has not conducted, nor shall Seller be obligated to conduct, Phase I or Phase II investigations of the Premises. "Hazardous Materials" shall mean (i) any hazardous or regulated substance as defined by Environmental Laws (ii) any other pollutant, contaminant, hazardous substance, solid waste, hazardous material, radioactive substance, toxic substance, noxious substance, hazardous waste, particulate matter, airborne or otherwise, chemical waste, medical waste, crude oil or any fraction thereof, radioactive waste, petroleum or petroleum-derived substance or waste, asbestos, PCBs, radon gas, all forms of natural gas, or any hazardous or toxic constituent of any of the foregoing, whether such substance is in liquid, solid or gaseous form, or (iii) any such substance the release, discharge or spill of which requires activity to achieve compliance with applicable law. "Environmental Laws" shall mean all federal, state and local environmental laws, including, but not limited to, The Hazardous Materials Transportation Act, (47 USC §§ 1801 et seq.), Federal Water Pollution Control Act (33 U.S.C. §§ 1251 et seq.) ("Clean Water Act"), the Resource Conservation & Recovery Act (42 U.S.C. §§ 6901 et seq.) ("RCRA"), Safe Drinking Water Act (42 U.S.C. §§ 300f-j-26), Toxic Substances Control Act (15 U.S.C. §§ 2601 et seq.), Clean Air Act (42 U.S.C. §§ 7401 et seq.), the Comprehensive Environmental Response, Compensation and Liability Act (42 U.S.C. §§ 9601 et seq.) ("CERCLA"), the Emergency Planning and Community Right to Know Act, 42 U.S.C. §§ 11001 et seq. ("EPCRA"), the administrative rules and regulations

promulgated under such statutes, or any other similar federal, state or local law or administrative rule or regulation of similar effect, each as amended; and

B. Seller has not used the Premises for the purpose of using, generating, manufacturing, transporting, treating, storing, processing, disposing, discharging, emitting or releasing Hazardous Materials, except for Hazardous Materials which are used in the ordinary course of the Seller's business in a manner which is in material compliance with Environmental Laws.

12. Seller represents and warrants that to the best of its present knowledge there are no judicial or administrative proceedings pending or threatened against the Premises and Seller is not aware of any facts which might result in any action, suit or other proceedings

13. If this Offer is accepted by Seller and if Title can be conveyed in the condition required within this Offer, Purchaser agrees to complete the sale and close within ten (10) days of the later of the satisfaction of the conditions listed in Paragraph 10 of this Offer or delivery of the Commitment to Purchaser (the "Closing"). By the execution of this instrument the Purchaser acknowledges the receipt of a copy of this Offer. The Closing of this sale shall take place at the office of Clark Hill PLC, or as otherwise agreed to by the parties.

14. Purchaser shall indemnify, defend and hold Seller including its Board of Education (in their official and individual capacities), administrators, employees and agents, harmless from any claims, suits, damages, costs, injuries, losses and any expenses resulting and arising from and out of Purchaser's or its officers, directors, agents and/or employees' occupancy, possession, use, evaluations and ownership of the Premises herein during the time this Offer is in existence except for such matters arising from the acts or negligence of Seller or Seller's agents and employees.

15. Seller acknowledges that it has retained the services of Great Northern Consulting Group in negotiating the sale of the Premises and Seller acknowledges its responsibility to pay Great Northern Consulting Group any fees associated with Great Northern Consulting Group's participation in this transaction. Seller further represents and warrants that no other broker or real estate agency is involved in the negotiation or consummation of this transaction. Purchaser warrants and represents to Seller that it is not obligated to pay any fee or commission to any broker or real estate agency in the negotiation or consummation of this transaction. To the extent permitted by law, each party agrees to indemnify and defend the other and hold the other harmless from any expense, claim or cause of action arising out of the breach of the foregoing warranty.

16. From and after the Date of this Offer, Purchaser shall not initiate a zoning change or other proceeding affecting the Premises or do anything else which may tend to jeopardize or lessen Seller's interest in or the condition of the Premises without first obtaining prior written consent from Seller. If Seller approves of any such zoning change or proceeding affecting the Premises,

Purchaser shall keep Seller informed of the progress of any such zoning change or proceeding and supply Seller with copies of any and all relevant approvals and documents applicable to such zoning change and/or proceeding.

17. For the purposes of the transaction contemplated by this Offer, the “Date of this Offer” is the date of acknowledgment of the signature of the last party to sign this Offer. Once the Seller accepts Purchaser’s Offer, this Offer To Purchase Real Estate shall hereinafter be referred to as the “Offer.”

18. Whenever in this Offer it is provided that notice must be given or an act performed or payment made on a certain date, and if such date falls on a Saturday, Sunday or holiday, the date of the notice of performance or payment shall be the next following business day.

19. No waiver of any of the provisions of this Offer shall be deemed or shall constitute a waiver of any other provisions, whether or not similar, nor shall any waiver be a continuing waiver. No waiver shall be binding unless executed in writing by the party making the waiver.

20. This Offer shall be governed by and construed in accordance with the laws of the State of Michigan regardless of whether any party may or hereafter become domiciled in another state. Venue shall be Wayne County, Michigan.

21. This Offer may be executed in one or more counterparts, all of which together will for all purposes constitute one agreement binding upon the parties.

22. This Offer along with all attachments constitutes the entire agreement of the parties regarding the subject matter herein and supersedes and terminates any and all prior or contemporaneous agreements, representations, understandings or dealings between the parties, either oral or written. This Offer may be amended only by a writing signed by the parties.

23. Notwithstanding anything contained herein to the contrary, Purchaser, at its sole cost and expense, shall be obligated to develop and use the Premises in accordance with the planned use and concept attached hereto and made a part hereof as **Exhibit D** (the “Concept Plan”). The Concept Plan, subject to municipal approval, is an indication of what Purchaser intends to develop and may be only altered based on municipal feedback and requirements as well as reasonable value engineering. To ensure Purchaser’s development of the Premises in accordance with the Concept Plan, Purchaser shall provide Seller with copies of any and all documents that it plans to submit to the City of Livonia or any other governmental agency having jurisdiction over the Premises at least ten (10) days prior to such submission to allow Seller the opportunity to review such documents for compliance with this Paragraph and this Offer. These obligations of Purchaser shall survive the Closing. If the Concept Plan is modified substantially by the Purchaser, the Seller shall have a right to approve the modified concept plan or terminate this Offer and retain the Earnest Money Deposit.

24. The Seller's Request For Proposals For Purchase of Real Property dated November ____, 2019 and the Purchaser's Proposal dated ____, 2020, are incorporated herein by this reference. The parties agree that where there is a conflict between the terms of this Offer and the Purchaser's Proposal, this Agreement shall take precedence.

25. Seller acknowledges receipt from the Purchaser of the Earnest Money Deposit above mentioned which will be returned forthwith if the foregoing Offer is not accepted within the time above set forth.

PURCHASER:

By: _____

Its: _____

Date: _____

SELLER:

LIVONIA PUBLIC SCHOOLS

By: _____

Its: Superintendent

Date: _____

EXHIBIT A

LEGAL DESCRIPTION

Land situated in the City of Livonia, Wayne County, Michigan, described as follows:

Land in the City of Livonia, Wayne County, MI, described as follows: Part of the Southeast 1/4 of Section 19, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan, described as follows: Beginning at a point on the East and West 1/4 line of Section 19, Town 1 South, Range 9 East, distant South 89 degrees 56 minutes 25 seconds East 643.85 feet from the Center Corner of said Section, and proceeding thence along said 1/4 line South 89 degrees 56 minutes 25 seconds East 431.13 feet; thence South 0 degrees 14 minutes 30 seconds East 393.68 feet; thence South 89 degrees 46 minutes 20 seconds East 48.36 feet; thence South 0 degrees 18 minutes 40 seconds East 439.08 feet; thence along the center line of future Mason Avenue, 60 feet wide, South 89 degrees 41 minutes 20 seconds West 479.00 feet; thence North 0 degrees 18 minutes 40 seconds West 836.00 feet to the point of beginning, except the South 30 feet thereof. And Part of the Southeast 1/4 of Section 19, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan described as follows: Beginning at a point on the East and West 1/4 line of Section 19, Town 1 South, Range 9 East, distant South 89 degrees 56 minutes 25 seconds East 1074.98 feet from the Center Corner of said Section, and proceeding thence along said 1/4 line South 89 degrees 56 minutes 25 seconds East 47.88 feet; thence South 0 degrees 18 minutes 40 seconds East 393.82 feet; thence North 89 degrees 45 minutes 20 seconds West 48.38 feet; thence North 0 degrees 14 minutes 30 seconds West 393.68 feet to the point of beginning. And Part of the Northeast 1/4 of Section 19, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan, described as follows: Beginning at a point on the East and West 1/4 line of Section 19, Town 1 South, Range 9 East, distant South 89 degrees 56 minutes 25 seconds East 643.85 feet from the Center Corner of said Section, and proceeding thence North 0 degrees 18 minutes 40 seconds West 100.00 feet; thence along the center line of future Lyndon Avenue, 60 feet wide, South 83 degrees 59 minutes 10 seconds East 23.89 feet; thence South 00 degrees 18 minutes 40 seconds East 97.34 feet; thence along said East and West 1/4 line North 89 degrees 56 minutes 25 seconds West 23.55 feet to the point of beginning, except the North 30 feet thereof. And Part of the Northeast 1/4 line of Section 19, Town 1 South, Range 9 East, beginning at a point on the East and West 1/4 line of Section 19, Town 1 South, Range 9 East, distant South 89 degrees 56 minutes 25 seconds East 667.40 feet from the Center Corner of said Section; and proceeding thence North 0 degrees 18 minutes 40 seconds West 97.54 feet; thence along the center line of future Lyndon Avenue, 60 feet wide, South 83 degrees 59 minutes 10 seconds East 458.24 feet; thence South 0 degrees 18 minutes 40 seconds East 50.01 feet; thence along said East and West 1/4 line North 89 degrees 56 minutes 25 seconds West 455.46 feet to the point of beginning, except the North 30 feet thereof.

Sidwell No: 46-073-99-0007-000

EXHIBIT B

WARRANTY DEED

This Indenture, made the ____ day of _____, 20__ between LIVONIA PUBLIC SCHOOLS (hereinafter called the "Grantor"), whose address is 15125 Farmington Road, Livonia, Michigan 48154, and _____, (hereinafter called Grantee"), whose address is _____. The Grantor hereby conveys and warrants to the Grantee the following described premises situated in the City of Livonia, Wayne County, Michigan, described as:

Land in the City of Livonia, Wayne County, MI, described as follows: Part of the Southeast 1/4 of Section 19, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan, described as follows: Beginning at a point on the East and West 1/4 line of Section 19, Town 1 South, Range 9 East, distant South 89 degrees 56 minutes 25 seconds East 643.85 feet from the Center Corner of said Section, and proceeding thence along said 1/4 line South 89 degrees 56 minutes 25 seconds East 431.13 feet; thence South 0 degrees 14 minutes 30 seconds East 393.68 feet; thence South 89 degrees 46 minutes 20 seconds East 48.36 feet; thence South 0 degrees 18 minutes 40 seconds East 439.08 feet; thence along the center line of future Mason Avenue, 60 feet wide, South 89 degrees 41 minutes 20 seconds West 479.00 feet; thence North 0 degrees 18 minutes 40 seconds West 836.00 feet to the point of beginning, except the South 30 feet thereof. And Part of the Southeast 1/4 of Section 19, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan described as follows: Beginning at a point on the East and West 1/4 line of Section 19, Town 1 South, Range 9 East, distant South 89 degrees 56 minutes 25 seconds East 1074.98 feet from the Center Corner of said Section, and proceeding thence along said 1/4 line South 89 degrees 56 minutes 25 seconds East 47.88 feet; thence South 0 degrees 18 minutes 40 seconds East 393.82 feet; thence North 89 degrees 45 minutes 20 seconds West 48.38 feet; thence North 0 degrees 14 minutes 30 seconds West 393.68 feet to the point of beginning. And Part of the Northeast 1/4 of Section 19, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan, described as follows: Beginning at a point on the East and West 1/4 line of Section 19, Town 1 South, Range 9 East, distant South 89 degrees 56 minutes 25 seconds East 643.85 feet from the Center Corner of said Section, and proceeding thence North 0 degrees 18 minutes 40 seconds West 100.00 feet; thence along the center line of future Lyndon Avenue, 60 feet wide, South 83 degrees 59 minutes 10 seconds East 23.89 feet; thence South 00 degrees 18 minutes 40 seconds East 97.34 feet; thence along said East and West 1/4 line North 89 degrees 56 minutes 25 seconds West 23.55 feet to the point of beginning, except the North 30 feet thereof. And Part of the Northeast 1/4 line of Section 19, Town 1 South, Range 9 East, beginning at a point on the East and West 1/4 line of Section 19, Town 1 South, Range 9 East, distant South 89 degrees 56 minutes 25 seconds East 667.40 feet from the Center Corner of said Section; and proceeding thence North 0 degrees 18 minutes 40 seconds West 97.54 feet; thence along the center line of future Lyndon Avenue, 60 feet wide, South 83 degrees 59 minutes 10 seconds East 458.24 feet; thence South 0 degrees 18 minutes 40 seconds East 50.01 feet; thence along said East and West 1/4 line North 89 degrees 56 minutes 25 seconds West 455.46 feet to the point of beginning, except the North 30 feet thereof.

Together with all tenements, hereditaments, appurtenances and improvements thereunto belonging or in any way appertaining for the sum of _____ and 00/100 (\$ _____) Dollars paid to the Grantor.

Subject to:

1. Easements and building and use restrictions, if any;
2. Rights of the public, and any governmental authority in any part of the land taken, deeded, or used as a street, road or highway; and
3. Restrictions imposed by zoning ordinances or as part of a general plan.

Grantor grants to Grantee the right to make all applicable divisions under Section 108 of the Michigan Land Division Act, being Act No. 288 of the Public Acts of 1967, as amended.

This property may be located within the vicinity of farmland or a farm operation. Generally accepted agricultural and management practices which may generate noise, dust, odors and other associated conditions may be used and are protected by the Michigan Right to Farm Act.

IN WITNESS WHEREOF, the Grantor has hereunto set his hand the day and year first above written.

GRANTOR:

LIVONIA PUBLIC SCHOOLS

By: _____

Its: _____

STATE OF MICHIGAN)
)SS
COUNTY OF WAYNE)

On ____ day of _____, 20__, before me, the undersigned notary public in and for said County, personally appeared _____, _____ of Livonia Public Schools, to me known to be the same person who executed the within instrument on behalf of Livonia Public Schools, and who acknowledges the same to be the free act and deed of Livonia Public Schools.

_____, Notary Public
County, Michigan
Acting in _____ County
My commission expires: _____

This Instrument Drafted By:

Dana L. Abrahams, Esq.
CLARK HILL PLC
151 S. Old Woodward Ave., Suite 200
Birmingham, MI 48009

When Recorded Return to:

Grantee

Recording Fee: _____

Transfer Tax: *Exempt pursuant to MCLA 207.505(h)(i) and 207.526(h)(i)*

Sidwell Nos: 46-073-99-0007-000

EXHIBIT C

RELEASE AND HOLD HARMLESS

The undersigned, in consideration of the permission of LIVONIA PUBLIC SCHOOLS (“Owner”) to enter upon the Premises owned by the Owner for purposes of inspecting the subject Premises in the furtherance of the undersigned’s relationship with any prospective purchaser of real property of the Owner, does hereby release and hold the Owner harmless from any and all damages, losses, liabilities, expenses, costs (including attorney fees) and claims incurred by the undersigned resulting in any way from the undersigned’s entering upon and inspecting any real property owned by the Owner except as may arise from the acts or omissions of Owner or Owner’s agents or employees.

WITNESSES:

EXHIBIT D

PURCHASER'S CONCEPT PLAN

AFFIDAVIT OF COMPLIANCE – IRAN ECONOMIC SANCTIONS ACT

Michigan Public Act No. 517 of 2012

The undersigned, the owner or authorized officer of the below-named prospective purchaser (the “Purchaser”), pursuant to the compliance certification requirement provided in the Livonia Public Schools’ (the “School District”) Request For Proposals To Purchase Real Property (the “RFP”), hereby certifies, represents and warrants that the Purchaser (including its officers, directors and employees) is not an “Iran linked business” within the meaning of the Iran Economic Sanctions Act, Michigan Public Act No. 517 of 2012 (the “Act”), and that in the event Purchaser is awarded a contract as a result of the aforementioned RFP, the Purchaser will not become an “Iran linked business” at any time during the course of performing any services under the contract.

The Purchaser further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than \$250,000.00 or 2 times the amount of the contract or proposed contract for which the false certification was made, whichever is greater, the cost of the School District’s investigation, and reasonable attorney fees, in addition to the fine. Moreover, any person who submitted a false certification shall be ineligible to bid on a request for proposal for three (3) years from the date the it is determined that the person has submitted the false certification.

PURCHASER:

Name of Purchaser

By: _____

Its: _____

Date: _____

STATE OF _____)
)ss.
COUNTY OF _____)

This instrument was acknowledged before me on the ____ day of _____, 2020, by _____.

, Notary Public

_____ County, _____

My Commission Expires: _____

Acting in the County of : _____

From: [Monica Badder](#)
To: [Planning](#)
Subject: Petition 2020-07-01-03
Date: Tuesday, August 18, 2020 8:26:27 PM

To whom it may concern,

I am a current resident of the Castle Gardens neighborhood where petition 2020-07-01-03 is being proposed. I live directly across the street from the area in question and am opposed to this proposition. I do not believe subdivisions should be crammed into the middle of existing subdivisions. The open field is a nice addition to the neighborhood that harbors many pet owners and families with children that enjoy the space to play sports. I also do not want to have to endure the noise, the dust and the inconvenience of constant construction traffic on an already busy road. I can not see any benefit to jam packing un-needed houses into an existing neighborhood. There are many subdivisions, like the one proposed that have gone up in other parts of Livonia and in some surrounding areas of Westland, that sit partially unfinished and partially vacant. This is an unnecessary proposal and and unwanted one.

Thank you for your time and consideration,

Monica Badder

From: [Kathy Boucher](#)
To: [Reece, Stephanie](#)
Subject: Re: WEBSTER SCHOOL DEVELOPMENT PLAN
Date: Wednesday, August 19, 2020 7:05:37 PM
Attachments: [CitySeal100x100_8f7d9122-2022-4a3b-86d9-f05a096c6a3c.png](#)
[CensusLogoCombined_d843b303-2f8a-4b1f-8273-416b0ebdd7fa.png](#)

So after seeing this plan, it is backwards from what we thought we saw. We are baffled how the main entrance is off of a side street (Mason) with no direct access. The entire neighborhood will now turn Blue Skies into a very busy street, on there way to Lyndon. It seemed to make sense off of Lyndon which is a through street. Unbelievable how much traffic this will add to this area. Very sad homeowners. Please see that this is added to the opinion of the neighborhood.

Kathy Boucher

From: Reece, Stephanie <SReece@ci.livonia.mi.us>
Sent: Wednesday, August 19, 2020 11:17 AM
To: Kathy Boucher <kbouch72@hotmail.com>; Planning <Planning@ci.livonia.mi.us>
Subject: RE: WEBSTER SCHOOL DEVELOPMENT PLAN

Good Morning,

Attached is a copy of the proposed site plan. I think this is what you were looking for. If you have questions, please feel free to ask. Thank you



Stephanie Reece
Program Supervisor
City of Livonia | Planning Department
(734) 466-2288
SReece@ci.livonia.mi.us
www.livonia.gov



This message is intended only for the use of the individual or entity to which it is addressed, and may contain information that is privileged, confidential, and/or exempt from disclosure under applicable laws. If the reader of the message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and/or reply to this e-mail message. Thank you.

From: Kathy Boucher <kbouch72@hotmail.com>
Sent: Wednesday, August 19, 2020 10:55 AM
To: Planning <Planning@ci.livonia.mi.us>
Subject: WEBSTER SCHOOL DEVELOPMENT PLAN

Hello,

My name is Kathy Boucher. My husband and I have lived 21 years at 14357 Blue Skies. I watched the Meeting proposal last night, August 18. I am giving my thumbs up approval to the developer's proposal of the cul de sac entering from Lyndon. I certainly prefer that to a through street to Mason. I was unclear about what would be actually facing Mason. Are there home there also?(I hope not) Can a picture of the proposal be sent ?

Thank you,

Kathy and Steve Boucher

UNAPPROVED MINUTES

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MINUTES OF THE 1,158th PUBLIC HEARINGS AND REGULAR MEETING HELD BY THE CITY PLANNING COMMISSION OF THE CITY OF LIVONIA

On Tuesday, August 18, 2020, the City Planning Commission of the City of Livonia held its 1,158th Public Hearings and Regular Meeting via Zoom Platform

Mr. Ian Wilshaw, Chairman, called the meeting to order at 7:00 p.m.

Members present: David Bongero Sam Caramagno Glen Long
 Betsy McCue Carol Smiley Ian Wilshaw
 Pete Ventura

Members absent: None

Mr. Mark Taormina, Planning Director, Scott Miller, Planner IV, Stephanie Reece, Program Supervisor, and Debra Walter, Clerk-Typist II 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 #1 PETITION 2020-07-01-03 LEO SOAVE BUILDING

Mr. Caramagno, Secretary, announced the first item on the agenda, Petition 2020-07-01-03 submitted by Leo Soave Building Company, Inc. pursuant to Section 23.01 of the City of Livonia Zoning Ordinance #543, as amended, requesting to rezone the property at 37855 Lyndon Avenue (former Webster Elementary School site) located on the south side of Lyndon Avenue between Newburgh and Hix Roads in the Southeast 1/4 of Section 19 from PL (Public Lands) to R-1 (One Family Residential).

Mr. Taormina: This is a request to rezone the former Webster Elementary School property from PL (Public Land) to R-1 (One-Family Residential). This is a 9.3-acre site. It is on the south side of Lyndon and is north of Mason and between Nola and Blue Skies. On the zoning map it shows the location of the property in relationship to the surrounding area. The proposed rezoning and the subsequent residential development that would involve this site, would involve the entire property. It is currently owned by Livonia Public Schools. LPS is in the process of selling the land to the petitioner. You will notice that there are existing single-family lots that border the property to the east and to the west with addresses on Blue Skies and Nola, respectively. The site is surrounded by R-1 zoning. All of the lots in the area measure 60' x 120', as well as 7, 200 square feet, which is the minimum required for R-1 zoning. Conceptual plans were presented with the application. The plan shows a total of 31 lots. As you can see here, the design includes a cul-de-sac street extending north from Mason and providing access to lots 1 to 21. Lots 22 and 23 are in the southwest corner of the property and they would have direct access from Mason Ave. These lots are adjacent to a small open space park. At the north end you will see lots 24 through 31 all have frontage directly on Lyndon Ave. Some other features of the plan include the storm water detention basin along the west side of the site, as well as the second larger open space area located in the northwest corner. The street would have a right-of-way width of 60 feet and the cul-de-sac would be 120 feet in diameter. As far as future land use maps, it does show it as parks and community, which reflects the current ownership as well as the former use of the site as a school. This petition is one of three involving former school properties. The other two are Adams, which is located on the south side of Lyndon between Harrison and Inkster, and Wilson which is located on the northwest corner of Harrison and West Chicago. With that, Mr. Chairman, I can read out the departmental correspondence.

Mr. Wilshaw: Yes, please.

Mr. Taormina: The first item is from the Engineering Division, dated August 10, 2020, 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 rezoning at this time. The parcel is assigned the address of #37855 Lyndon Avenue. The legal description submitted by the owner appears to be correct, but we would like to suggest using the following simplified legal description instead: That part of the East ½ of*

UNAPPROVED MINUTES

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Section 19, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan, described as beginning at a point distant S 89°56'25" E, 643.85 feet from the center corner of said Section 19 and proceeding thence N 00°18'40" W, 100.00 feet to the centerline of Lyndon Avenue; thence along said Lyndon Avenue centerline S 83°59'10" E, 481.93 feet; thence S 00°18'40" E, 882.91 feet to the centerline of Mason Avenue; thence along said Mason Avenue centerline S 89°41'20" W, 479.00 feet; thence N 00°18'40" W, 836.03 feet to the Point of Beginning, except the northerly 30 feet, also except the southerly 30 feet. The proposed development is currently serviced by public water main, sanitary and storm sewers, which will need to be extended to service any new residences. The submitted drawing does not indicate any utility connections, so we do not have any knowledge of impacts to the existing systems at this time. The owner has been in contact with this office regarding the project, and is aware of the Engineering Department requirements. It should be noted that should the project move forward the proposed construction will be required to meet the Wayne County Stormwater Ordinance, including detention requirements. A full review of the proposed development will be completed when plans are submitted for permitting." The letter is signed by David W. Lear, P.E., Assistant City Engineer. The next letter is from the Finance Department, dated August 10, 2020, which reads as follows: "I have reviewed the addresses connected with the above noted petition. As there are no outstanding amounts receivable, general or water and sewer, I have no objections to the proposal." The letter is signed by Connie Kumpula, Chief Accountant. The next letter is from the Treasurer's Department, dated August 7, 2020, which reads as follows: "In accordance with your request, the Treasurer's Office has reviewed the address connected with the above noted petition. At this time, there are no outstanding amounts receivable for taxes. Therefore, I have no objections to the proposal." The letter is signed by Lynda Scheel, Treasurer.

- Mr. Wilshaw: Are there any questions of the Planning Director?
- Mr. Ventura: Did I understand you to say that this is part of a three-parcel sale to this developer?
- Mr. Taormina: Not to this developer. There are two buyers of the three sites. I believe this petitioner, or a close affiliate is involved in one of the other two sites. The Wilson site. There is a second developer with an interest in purchasing the Adams site.

UNAPPROVED MINUTES

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Mr. Ventura: We can anticipate seeing those before too long?

Mr. Taormina: The one plan has been submitted. That is something you will see in the next couple weeks, that is correct. For Adams.

Mr. Ventura: Thank you.

Mr. Wilshaw: Thank you, Mr. Ventura. Any other questions for our planning staff? I don't see any other questions for Mr. Taormina. Our petitioner is in the audience.

Rico Soave, 37771 Seven Mile Road, Livonia, MI, 48152, nothing in addition to Mark's presentation other than to reiterate that we are asking for R-1 (Single-family). I believe we are surrounded by R-1's (Single family) and I do also believe the Master Plan indicates R-1 as well. Other than that, I would be happy to answer any questions for the Commission tonight.

Mr. Wilshaw: Thank you, Mr. Soave, for being here tonight and for your introduction. I just want to remind both the Commission and the folks in the audience that this is a rezoning request. Our focus tonight is to look at the zoning and if it is the proper fit for this area. We will not have a lot of discussion in regard to the site plan. That is a step that would come later once the zoning has been moved along to Council. We see a conceptual site plan, but that is not necessarily going to be the final product. Any questions for our petitioner from the Commission? I don't see any questions from the commissioners at this time. Is there anybody in the audience that wishes to speak for or against this item? Please use the raised hand feature. We do have a few folks that are connected by phone. If you are connected by phone, you will need to dial *9 to raise your hand by telephone. We do have a couple folks with their hands up, so we are going to go to them and give them an opportunity to speak for or against. We are going to start with Victoria. We are not hearing anything from Victoria. What we are going to do is we are going to move on to the next person and we will circle back and see if Victoria has her audio issues sorted out. The next person is Jo Roe.

Jo Roe, What type of homes are you thinking about building at this location and the price range of them?

Mr. Wilshaw: Okay, the type of homes and price range. I hear that question. We will ask the petitioner that question and see what their

UNAPPROVED MINUTES

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intention is to give you an answer on that. Do you have any other questions or comments that you would like to include?

Ms. Roe: The builder, it will only be one builder in this one here by Webster school, correct?

Mr. Wilshaw: Yes, that is the intention.

Ms. Roe: Okay, has he built other home in our area?

Mr. Wilshaw: Mr. Soave, his company, has built home throughout this city. When we give him an opportunity to speak again, he can maybe give more information about his background as a builder. He is well known in this city for building, especially for these things we call in-fill type properties. Smaller properties that are being filled in like this with a dozen or two dozen homes. He has also done some larger sub-divisions as well.

Ms. Roe: Okay. Thank you.

Mr. Wilshaw: Thank you for coming tonight. We will get those questions answered for you. We have one more person asking to speak here, so let me give them an opportunity to speak. This is a telephone person that has called in. You can dial *6 to unmute. The phone number ends in 5387. Good evening.

Victoria, I called in. You can hear me now. Do I need to give you my address also?

Mr. Wilshaw: If you would like, please.

Victoria, 14436 Nola, Livonia, MI, I live right behind the old Webster property. If I could just say a couple of words. I am going to start off by saying I am opposed to building houses on this property. I have lived in Livonia my whole life. I did go to the old Webster school. When they decided to tear down the Webster school, they regraded it to be a green space. Over the last 12 years it has evolved into a most beautiful green space for our neighborhood. The property at that point has been used, as you know, for Livonia's school soccer tournaments and Radio Field Day last year. It garnered about 150 visitors. It was their best year yet with people coming from all over. People use this field every day. They use it to walk their dogs. It brings families to come sit under the trees. People come from all over the city to walk their dogs in this field. In our beautiful green space. The property if I can back up for one minute, the green space has

pulled many homes in the sub. I have spoke to quite a few people who have told me that this is one of the reasons why they bought in Castle Gardens. It is a natural environmental asset. It is a home to wildlife. It is a natural resource for water retention. I just I am just stating a few things that are my views. Reasons not to privatize the property it would put us through three years plus of construction with trucks coming up Lyndon and Mason. Those are our main thoroughfares and tying up our roads coming to our homes. Creating construction dust in our homes for that period of time. The green space really serves as a core to the neighborhood and preserving it would be a real asset to the neighborhood. No offense to the builder. I am sure he thinks we will be okay, but this has a special place and it has a special place in our hearts. I really encourage each and every one of you to come visit the property early in the morning when the sun is rising. That is when it is most beautiful. You can hear rare birds and squirrels and during this pandemic especially it has been an important place to relax and enjoy mother nature.

Mr. Wilshaw: Excellent. Thank you for your comments, Victoria. I appreciate the fact that you were able to call in and make those comments. Just so you know, the decision to sell this property and rezone it from Public Land to any sort of private zoning for residential or otherwise, was ultimately the decision of the School Board to sell the property.

Victoria: I understand that.

Mr. Wilshaw: Okay, good. I just wanted to make sure you were aware of that.

Victoria: Oh yeah, I was aware of that.

Mr. Wilshaw: Great, thank you. Thank you for your comments. We will take them into consideration, and we will be talking again to the petitioner after each of our audience members has had a chance to speak so he can respond to those comments.

Victoria: Thank you, I appreciate the time to speak.

Mr. Wilshaw: Hang around and you can see how this concludes. I am going to put you back on mute and go to the next person. Thank you for coming. Is there anyone else wishing to speak for or against this item? I don't see anyone else new. Jo has asked to speak one more time. I will give her another chance. Let me unmute her.

- Jo Roe: No, I am sorry. I had lowered my hand. I didn't raise it. Thank you though.
- Mr. Wilshaw: Your all set? Great. Thank you I think everyone has had a chance to speak in our audience. If there is no one else wishing to speak, I am going to go back to Mr. Soave.
- Mr. Soave: Yes.
- Mr. Wilshaw: You did hear some questions asked of our audience specifically regards to the type of home you are planning on putting there and the pricing. If you could enlighten us on those things.
- Mr. Soave: Yeah, absolutely. As the Commission is well aware, we are second generation builders and developers. I couldn't put a number on how many homes either one of our family members built throughout Livonia in the past 30 years, but this sub-division we are expecting for pricing to start around \$300,000 mark. It will mirror the same type of product we put a mile and a half north on Heritage Square development, which is on Newburgh just south of Six Mile. That was a 50 lot sub-division which should be completed by the end of the calendar year 2020. It will be a similar same type of product. Pricing will be similar as well. If any of the audience or the public want to see the product, we are anticipating it will be very very close to what we did in the past two years at Heritage Square community.
- Mr. Wilshaw: Mr. Soave, in speaking of Heritage Square being a comparable property, can you give us some idea of how long it has taken to sell those properties and how they have done given the current economy?
- Mr. Soave: I think this November will be two-year anniversary mark where the infrastructure and the roadways were installed. Two years to implement a development and build close to 50 single-family homes I think is really quite remarkable. We are hoping for the same type of turn around given the current economic conditions and this proposed development at Webster is approximately 31 units as opposed to 50. We are anticipating less than a two-year turnaround time from development to the completion of all 31 single-family homes.
- Mr. Wilshaw: Okay, very good. Thank you. Any questions for our petitioner from the Commission? I see no questions from the

Commission. Is there any other comments, Mr. Soave, that you would like to make before we make our decision?

Mr. Soave: No. I appreciate your time tonight and I will still be around for the remainder of the evening in case something else should come up in regard to this petition.

Mr. Wilshaw: Okay, great. Thank you, very much. We will close the Public Hearing and a motion would be in order.

Ms. Smiley: Has the City of Livonia expressed any interest in buying this property and turning it into a park?

Mr. Taormina: Would you repeat the question?

Ms. Smiley: Yes. Has the city expressed any interest in purchasing this piece of property and turning it into a public park? That they would have and maintain?

Mr. Taormina: No.

Ms. Smiley: That was my understanding. The city is not interested in buying any more property or parks at this time. Is that right?

Mr. Taormina: I can't answer the question. Whether there is interest anywhere in the city, but there has been non expressed by the Parks Director or the Administration or Council that I am aware of.

Ms. Smiley: Thank you.

On a motion by Smiley, seconded by McCue, and unanimously adopted, it was

#08-35-2020 **RESOLVED**, that pursuant to a Public Hearing having been held by the City Planning Commission on August 18, 2020 on. Petition 2020-07-01-03 submitted by Leo Soave Building Company, Inc, pursuant to Section 23.01 of the City of Livonia Zoning Ordinance #543, as amended, requesting to rezone the property at 37855 Lyndon Avenue (former Webster Elementary School site) located on the south side of Lyndon Avenue between Newburgh and Hix Roads in the Southeast 1 of Section 19 from PL (Public Lands) to R-1 (One Family Residential) the Planning Commission does hereby recommend to the City Council that Petition 2020-07-01-03 be approved for the following reasons:

1. That the proposed change of zoning is compatible to and in harmony with the surrounding residential uses and zoning districts in the area.
2. That the proposed change of zoning will provide for a single-family residential development similar in density to what exists in the neighboring area.
3. That the proposed change of zoning is consistent with the existing character of the area.
4. That the proposed zoning change does not obstruct the goals, policies, and objectives of the Future Land Use Plan, and
5. That the proposed change of zoning of the subject property represents a reasonable and logical zoning transformation which adheres to the principles of sound land use planning.

FURTHER RESOLVED, that notice of the above hearing was given in accordance with the provisions of Section 23.05 of Zoning Ordinance #543, as amended.

Mr. Wilshaw: For the people in our audience with interest in this item, please continue to keep an eye on this as it goes to City Council. We only give a recommendation to the Council. They ultimately will make the decision on this zoning. If they choose to move forward with it, there will also be a site plan that will be coming before us as well with the details of the homes and the layout of the property. If you are interested in continuing to watch this as it comes back so you can be involved and comment on it. Thank you so much for coming tonight.

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

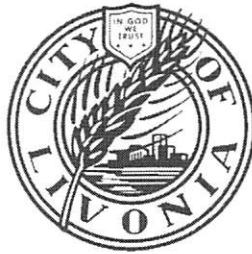
DEPARTMENT OF LAW

PAUL A. BERNIER
City Attorney

MICHAEL E. FISHER
Chief Assistant City Attorney

ERIC S. GOLDSTEIN
Assistant City Attorney

LEO D. NEVILLE
Assistant City Attorney



MAUREEN MILLER BROSAN
MAYOR

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(734) 466-2520
FAX: (734) 466-2072

October 9, 2020

TO: HONORABLE MEMBERS OF THE CITY COUNCIL

FROM: DEPARTMENT OF LAW

SUBJECT: Proposed Amendments to the Livonia Code of Ordinances, as Amended

REF: Council Resolution No. 280-20

Dear Council Members:

At your public hearing held on October 12, 2020, Council requested two (2) different approving resolutions Amending Section 2.10 of the Livonia Code of Ordinances.

Accordingly, herewith submitted for your consideration are the proposed ordinance amendments prepared by the Department of Law.

Approved for submission:

Very truly yours,


Maureen Miller Brosnan, Mayor


Paul A. Bernier, City Attorney

PAB/bks

Attachment(s)

cc: Mayor, City Clerk, Council, Finance,

P:\Council\2020\Ordinances\Chapter 2.09.010, 020, 10.10.010 & 10.10.020.docx

**AN ORDINANCE ADDING CHAPTER 09 (DEPARTMENT
OF GOVERNMENTAL AFFAIRS) OF TITLE 2 OF THE
LIVONIA CODE OF ORDINANCES, AS AMENDED.**

THE CITY OF LIVONIA ORDAINS:

Section 1. Chapter 09 is hereby added to Title 2 of the Livonia Code of Ordinances, as amended, which Chapter shall read as follows:

Section 2.09.010 Creation – Organization.

Section 2.09.020 Powers and duties of director.

2.09.010 Creation – Organization.

There is created and established in the city a department known as the “department of governmental affairs.” A director shall be appointed by the mayor in accordance with the Charter provisions pertaining to directors of departments, and shall receive such compensation as from time to time may be fixed by the council.

Section 2. Section 020 of Chapter 2.09 to Title 2 of the Livonia Code of Ordinances, as amended, is hereby added to read as follows:

2.09.020 Powers and duties of Director.

Under the direction of the mayor, the director of governmental affairs is responsible for supporting the City of Livonia’s governmental agenda; monitoring governmental and non-profit grant opportunities; serving as liaison with other local, state, county and federal jurisdictions regarding legislation, its intent and its impact; identifying strategic opportunities for collaboration with the Livonia community, regional stakeholders, elected officials and organizations to advance shared goals; and other tasks and responsibilities as assigned.

Section 3. All ordinances or parts of ordinances in conflict herewith are hereby repealed only to the extent necessary to give this ordinance full force and effect.

Section 4. Should any portion of this ordinance be held invalid for any reason, such holding shall not be construed as affecting the validity of any of the remaining portions of this ordinance.

**AN ORDINANCE AMENDING SECTIONS 010, 020 AND
030 OF CHAPTER 2.10 (DEPARTMENT OF THE OFFICE
OF THE CITY COUNCIL) TO TITLE 2 OF THE LIVONIA
CODE OF ORDINANCES, AS AMENDED.**

THE CITY OF LIVONIA ORDAINS:

Section 1. Section 010 of Chapter 2.10 to Title 2 of the Livonia Code of Ordinances, as amended, is hereby amended to read as follows:

2.10.010 Title for Citation.

The ordinance codified in this chapter shall be known and cited as the "department of the office of the city council ordinance".

Section 2. Section 020 of Chapter 2.10 to Title 2 of the Livonia Code of Ordinances, as amended, is hereby amended to read as follows:

2.10.020 Creation - Organization.

There is created and established in the city a department known as the "department of the office of the city council." An administrator shall be selected in accordance with the Charter by the city council president and shall receive such compensation as from time to time may be fixed by the council.

Section 3. Section 030 of Chapter 2.10 to Title 2 of the Livonia Code of Ordinances, as amended, is hereby amended to read as follows:

2.10.030 Powers and duties of administrator.

Under the direction of the council, the administrator has certain council responsibilities, including carrying out various responsibilities with respect to the efficient administration and operation of the city's legislative branch of government; representing the council at various functions and meetings, as necessary; following up on complaint matters involving codes and ordinances; serving as liaison with citizens, corporate entities, and various units of city government; and performing such other duties and functions as required by the city council.

Section 4. All ordinances or parts of ordinances in conflict herewith are hereby repealed only to the extent necessary to give this ordinance full force and effect.

Section 5. Should any portion of this ordinance be held invalid for any reason, such holding shall not be construed as affecting the validity of any of the remaining portions of this ordinance.

**AN ORDINANCE AMENDING SECTIONS 020 AND 030
OF CHAPTER 2.10 (DEPARTMENT OF LEGISLATIVE
AFFAIRS) TO TITLE 2 OF THE LIVONIA CODE OF
ORDINANCES, AS AMENDED.**

THE CITY OF LIVONIA ORDAINS:

Section 1. Section 020 of Chapter 2.10 to Title 2 of the Livonia Code of Ordinances, as amended, is hereby amended to read as follows:

2.10.020 Creation - Organization.

There is created and established in the city a department known as the "department of legislative affairs". A director shall be appointed by the mayor in accordance with the Charter provisions pertaining to directors of departments, and shall receive such compensation as from time to time may be fixed by the council. An Administrator shall be selected in accordance with the Charter by the city council president and shall receive such compensation as from time to time may be fixed by the council.

Section 2. Section 030 of Chapter 2.10 to Title 2 of the Livonia Code of Ordinances, as amended, is hereby amended to read as follows:

2.10.030 Powers and duties of Director and Administrator.

(A) Under the direction of the mayor, the director is responsible for supporting the City of Livonia's governmental agenda; monitoring governmental and non-profit grant opportunities; serving as liaison with other cities and with state, county and federal jurisdictions regarding legislation, its intent and its impact; identifying strategic opportunities for collaboration with the Livonia community, regional stakeholders, elected officials and organizations to advance shared goals; and other tasks and responsibilities as assigned.

(B) Under the direction of the council, the administrator is responsible for certain council responsibilities, including carrying out various responsibilities with respect to the efficient administration and operation of the city's legislative branch of government; representing the council at various functions and meetings, as necessary; following-up on complaint matters involving codes and ordinances; serving as liaison with citizens, corporate entities, and various units of city

government; and performing such other duties and functions as required by the city council.

Section 3. All ordinances or parts of ordinances in conflict herewith are hereby repealed only to the extent necessary to give this ordinance full force and effect.

Section 4. Should any portion of this ordinance be held invalid for any reason, such holding shall not be construed as affecting the validity of any of the remaining portions of this ordinance.



REPORT TO THE LIVONIA CITY COUNCIL

Law

October 20, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Sara Kasprowicz, Office
Administrator, Council Office

AGENDA ITEM

ROLL CALL: Proposed Amendment to the Livonia Code of Ordinances, as amended: Department of Law, re: to amend Sections 010, 020 and 030 of Chapter 2.10 (Department of the Office of the City Council) to Title 2, to establish the responsibilities of Administration in the City Council office.

First Reading given by Council Vice President Scott Bahr on Wednesday, November 4, 2020.

BACKGROUND

PROPOSED AMENDMENT TO THE LIVONIA CODE OF ORDINANCES, AS AMENDED:

Department of Law, re: to amend Sections 010, 020 and 030 of Chapter 2.10 (Department of the Office of the City Council) to Title 2, to establish the responsibilities of Administration in the City Council office.

RECOMMENDATION

PROPOSED AMENDMENT TO THE LIVONIA CODE OF ORDINANCES, AS AMENDED:

Department of Law, re: to amend Sections 010, 020 and 030 of Chapter 2.10 (Department of the Office of the City Council) to Title 2, to establish the responsibilities of Administration in the City Council office.

FISCAL CONSIDERATION

ATTACHMENTS

1. R110420 Req to amend Sections 010, 020 and 030 of Chapter 2.10 to Title 2 (Dept of Office of City Council) (ORDS - Livonia Code of)

APPROVED BY



Date: October 22, 2020

Maureen Miller Brosnan, Mayor

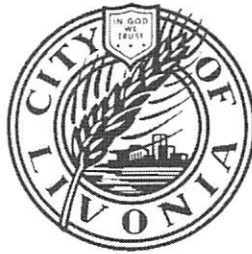
DEPARTMENT OF LAW

PAUL A. BERNIER
City Attorney

MICHAEL E. FISHER
Chief Assistant City Attorney

ERIC S. GOLDSTEIN
Assistant City Attorney

LEO D. NEVILLE
Assistant City Attorney



MAUREEN MILLER BROSAN
MAYOR

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FAX: (734) 466-2072

October 9, 2020

TO: HONORABLE MEMBERS OF THE CITY COUNCIL

FROM: DEPARTMENT OF LAW

SUBJECT: Proposed Amendments to the Livonia Code of Ordinances, as Amended

REF: Council Resolution No. 280-20

Dear Council Members:

At your public hearing held on October 12, 2020, Council requested two (2) different approving resolutions Amending Section 2.10 of the Livonia Code of Ordinances.

Accordingly, herewith submitted for your consideration are the proposed ordinance amendments prepared by the Department of Law.

Approved for submission:

Very truly yours,


Maureen Miller Brosnan, Mayor


Paul A. Bernier, City Attorney

PAB/bks

Attachment(s)

cc: Mayor, City Clerk, Council, Finance,

P:\Council\2020\Ordinances\Chapter 2.09.010, 020, 10.10.010 & 10.10.020.docx

**AN ORDINANCE AMENDING SECTIONS 010, 020 AND
030 OF CHAPTER 2.10 (DEPARTMENT OF THE OFFICE
OF THE CITY COUNCIL) TO TITLE 2 OF THE LIVONIA
CODE OF ORDINANCES, AS AMENDED.**

THE CITY OF LIVONIA ORDAINS:

Section 1. Section 010 of Chapter 2.10 to Title 2 of the Livonia Code of Ordinances, as amended, is hereby amended to read as follows:

2.10.010 Title for Citation.

The ordinance codified in this chapter shall be known and cited as the "department of the office of the city council ordinance".

Section 2. Section 020 of Chapter 2.10 to Title 2 of the Livonia Code of Ordinances, as amended, is hereby amended to read as follows:

2.10.020 Creation - Organization.

There is created and established in the city a department known as the "department of the office of the city council." An administrator shall be selected in accordance with the Charter by the city council president and shall receive such compensation as from time to time may be fixed by the council.

Section 3. Section 030 of Chapter 2.10 to Title 2 of the Livonia Code of Ordinances, as amended, is hereby amended to read as follows:

2.10.030 Powers and duties of administrator.

Under the direction of the council, the administrator has certain council responsibilities, including carrying out various responsibilities with respect to the efficient administration and operation of the city's legislative branch of government; representing the council at various functions and meetings, as necessary; following up on complaint matters involving codes and ordinances; serving as liaison with citizens, corporate entities, and various units of city government; and performing such other duties and functions as required by the city council.

Section 4. All ordinances or parts of ordinances in conflict herewith are hereby repealed only to the extent necessary to give this ordinance full force and effect.

Section 5. Should any portion of this ordinance be held invalid for any reason, such holding shall not be construed as affecting the validity of any of the remaining portions of this ordinance.



REPORT TO THE LIVONIA CITY COUNCIL

Council Office
October 20, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Sara Kasproicz, Office
Administrator, Council Office

AGENDA ITEM

ROLL CALL: Proposed Amendment to the Livonia Code of Ordinances, as amended: Department of Law, re: to amend Sections 020 and 030 of Chapter 2.10 (Department of Legislative Affairs) to Title 2, to establish the responsibilities of the Director of Legislative Affairs and the Administrator in the City Council office. First Reading given by Councilmember Jim Jolly on Wednesday, November 4, 2020.

BACKGROUND

RECOMMENDATION

FISCAL CONSIDERATION

ATTACHMENTS

1. R110420 Req to amend Sections 020 and 030 of Chapter 2.10 to Title 2 (Dept of Legis Affairs) (ORDS - Livonia Code of)

APPROVED BY

A handwritten signature in black ink, reading "Maureen Miller Brosnan".

Date: October 22, 2020

Maureen Miller Brosnan, Mayor

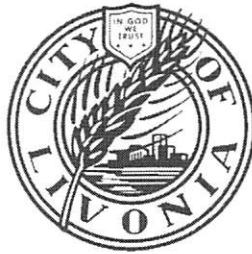
DEPARTMENT OF LAW

PAUL A. BERNIER
City Attorney

MICHAEL E. FISHER
Chief Assistant City Attorney

ERIC S. GOLDSTEIN
Assistant City Attorney

LEO D. NEVILLE
Assistant City Attorney



MAUREEN MILLER BROSAN
MAYOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2520
FAX: (734) 466-2072

October 9, 2020

TO: HONORABLE MEMBERS OF THE CITY COUNCIL

FROM: DEPARTMENT OF LAW

SUBJECT: Proposed Amendments to the Livonia Code of Ordinances, as Amended

REF: Council Resolution No. 280-20

Dear Council Members:

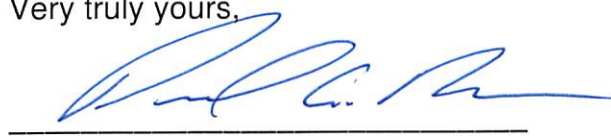
At your public hearing held on October 12, 2020, Council requested two (2) different approving resolutions Amending Section 2.10 of the Livonia Code of Ordinances.

Accordingly, herewith submitted for your consideration are the proposed ordinance amendments prepared by the Department of Law.

Approved for submission:

Very truly yours,


Maureen Miller Brosnan, Mayor


Paul A. Bernier, City Attorney

PAB/bks

Attachment(s)

cc: Mayor, City Clerk, Council, Finance,

P:\Council\2020\Ordinances\Chapter 2.09.010, 020, 10.10.010 & 10.10.020.docx

**AN ORDINANCE AMENDING SECTIONS 020 AND 030
OF CHAPTER 2.10 (DEPARTMENT OF LEGISLATIVE
AFFAIRS) TO TITLE 2 OF THE LIVONIA CODE OF
ORDINANCES, AS AMENDED.**

THE CITY OF LIVONIA ORDAINS:

Section 1. Section 020 of Chapter 2.10 to Title 2 of the Livonia Code of Ordinances, as amended, is hereby amended to read as follows:

2.10.020 Creation - Organization.

There is created and established in the city a department known as the "department of legislative affairs". A director shall be appointed by the mayor in accordance with the Charter provisions pertaining to directors of departments, and shall receive such compensation as from time to time may be fixed by the council. An Administrator shall be selected in accordance with the Charter by the city council president and shall receive such compensation as from time to time may be fixed by the council.

Section 2. Section 030 of Chapter 2.10 to Title 2 of the Livonia Code of Ordinances, as amended, is hereby amended to read as follows:

2.10.030 Powers and duties of Director and Administrator.

(A) Under the direction of the mayor, the director is responsible for supporting the City of Livonia's governmental agenda; monitoring governmental and non-profit grant opportunities; serving as liaison with other cities and with state, county and federal jurisdictions regarding legislation, its intent and its impact; identifying strategic opportunities for collaboration with the Livonia community, regional stakeholders, elected officials and organizations to advance shared goals; and other tasks and responsibilities as assigned.

(B) Under the direction of the council, the administrator is responsible for certain council responsibilities, including carrying out various responsibilities with respect to the efficient administration and operation of the city's legislative branch of government; representing the council at various functions and meetings, as necessary; following-up on complaint matters involving codes and ordinances; serving as liaison with citizens, corporate entities, and various units of city

government; and performing such other duties and functions as required by the city council.

Section 3. All ordinances or parts of ordinances in conflict herewith are hereby repealed only to the extent necessary to give this ordinance full force and effect.

Section 4. Should any portion of this ordinance be held invalid for any reason, such holding shall not be construed as affecting the validity of any of the remaining portions of this ordinance.



REPORT TO THE LIVONIA CITY COUNCIL

Law

October 6, 2020

MEETING DATE

November 4, 2020

PREPARED BY

Brenda Smyser, Program Supervisor, Law

AGENDA ITEM

PROPOSED AMENDMENT TO THE LIVONIA CODE OF ORDINANCES: Department of Law, re: Petition 2020-07-03-03, submitted by Stonefield Engineering & Design on behalf of Haggerty Square, L.L.C., request to vacate a section of the existing public utility easement, located on the east side of Haggerty Road, between Seven Mile and Eight Mile Roads (19700 and 19750 Haggerty Road) in the Southwest ¼ of Section 6. (CR 270-20)

BACKGROUND

RECOMMENDATION

FISCAL CONSIDERATION

ATTACHMENTS

1. Pet. 2020-07-03-03 - Haggerty Square Rezoning

APPROVED BY

Maureen Miller Brosnan, Mayor

Date: October 22, 2020

DEPARTMENT OF LAW

PAUL A. BERNIER
City Attorney

MICHAEL E. FISHER
Chief Assistant City Attorney

ERIC S. GOLDSTEIN
Assistant City Attorney

LEO D. NEVILLE
Assistant City Attorney



MAUREEN MILLER BROSNAN
MAYOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2520
FAX: (734) 466-2072

October 1, 2020

TO: HONORABLE MEMBERS OF THE CITY COUNCIL

FROM: DEPARTMENT OF LAW

SUBJECT: Proposed Amendment to the Livonia Code of Ordinances (Vacating)
Petition 2020-07-03-03 – Stonefield Engineering & Design, on behalf of
Haggerty Square, L.L.C. (Vacating a section of the existing public utility
easement (19700 and 19750 Haggerty Road))

REF: Council Resolution No. 270-20

Dear Council Members:

At your regular meeting of September 21, 2020, you unanimously approved Petition 2020-07-03-03, submitted by Stonefield Engineering & Design, on behalf of Haggerty Square, L.L.C., requesting to vacate a section of the existing public utility easement (19700 and 19750 Haggerty Road), located on the Southwest ¼ of Section 6.

Accordingly, herewith submitted for your consideration is the proposed ordinance amendment prepared by the Department of Law.

Approved for submission:

Very truly yours,


Maureen Miller Brosnan, Mayor


Paul A. Bernier, City Attorney

PAB/bks

Attachment

cc: Mayor, City Clerk, Council, Finance, DPW, Engineering, Planning, Assessor

**AN ORDINANCE VACATING THE USE OF PORTIONS
OF STREET, ALLEY AND PUBLIC GROUND.**

THE CITY OF LIVONIA ORDAINS:

Section 1. The report and recommendation of the City Planning Commission, dated August 19, 2020, setting forth its resolution #08-36-2020 on Petition 2020-07-03-03 submitted by Stonefield Engineering & Design, on behalf of Haggerty Square, L.L.C., requesting to vacate a section of the existing public utility easement at 19700 and 19750 Haggerty Road, located on the east side of Haggerty Road between Seven Mile and Eight Mile Roads, in the Southwest 1/4 of Section 6, City of Livonia, Wayne County, Michigan, is hereby accepted and adopted and the Council does hereby approve all proceedings on said Petition 2020-07-03-03, it appearing that a public hearing thereon was held on August 18, 2020, as provided by law and that the proper notices of such hearing were given.

Section 2. Pursuant to Chapter 8 of Title 12 of the Livonia Code of Ordinances, as amended, the City of Livonia's use of the following property is hereby vacated:

Land situated in the City of Livonia, County of Wayne, Michigan described as commencing at a point distant N 89°21'58" E, 60.00 feet from the West ¼ corner of Section 6, Town 1 South, Range 9 East, City of Livonia, Wayne County, Michigan, thence S 00°00'44" W, 20.00 feet to the Point of Beginning of the 23 foot wide vacated Philips Road easement; thence N 89°21'58" E, 871.37 feet; thence S 00°03'46" W, 23.00 feet; thence S 89°21'58" W, 871.40 feet; thence N 00°00'44" E, 23.00 feet to the Point of Beginning.

Section 3. All ordinances or parts of ordinances in conflict herewith are hereby repealed only to the extent necessary to give this ordinance full force and effect.

Section 4. Should any portion of this ordinance be held invalid for any reason, such holding shall not be construed as affecting the validity of any of the remaining portions of this ordinance.

Regular Meeting Minutes of September 21, 2020

VACATE

Petition 2020-07-03-03
Approval to vacate a
section of the existing
public utility easement
located on the east side
of Haggerty Road,
between Seven Mile
and Eight Mile Roads
(19700 and 19750
Haggerty Road) Section
6.

(Refer to Law Dept)

#270-20 RESOLVED, that having considered a communication from the City Planning Commission, dated August 19, 2020, which transmits its resolution 08-36-2020, adopted on August 18, 2020, with regard to Petition 2020-07-03-03, submitted by Stonefield Engineering & Design, on behalf of Haggerty Square, L.L.C. and Haggerty Residential, L.L.C., wherein a request is submitted to determine whether or not to vacate a section of the existing public utility easement located on the east side of Haggerty Road, between Seven Mile and Eight Mile Roads (19700 and 19750 Haggerty Road), in the Southwest $\frac{1}{4}$ of Section 6, the Council does hereby concur in the recommendation of the City Planning Commission and does grant and approve the said Petition 2020-07-03-03, and the Department of Law is hereby requested to prepare the necessary vacating ordinance in accordance with this resolution.

A roll call vote was taken on the foregoing resolutions with the following result:

AYES: Bahr, White, McCullough, Donovic, Jolly, Toy and McIntyre

NAYS: None

The President declared the resolutions adopted.

<i>CONSENT AGENDA (Regular Meeting of September 21, 2020)</i>
--

Motion by: Bahr

Seconded by: Jolly

ROLL CALL:

Ayes: Bahr, White, McCullough, Donovic, Jolly, Toy, McIntyre

Nays: None

Absent: None

September 21, 2020

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD SEPTEMBER 9, 2020**

Meeting was called to order via Zoom remote technology at 9:25 p.m. by President Kathleen McIntyre. Present: Scott Bahr, Cathy White, Brandon McCullough, Rob Donovic, Jim Jolly, Laura Toy, and Kathleen McIntyre. Absent: None.

Vice President Bahr led the meeting with an Invocation.

Elected and appointed officials present: Mark Taormina, Director of Planning and Economic Development; Todd Zilincik, City Engineer; Paul Bernier, City Attorney; Lynda Scheel, Treasurer; Connie Kumpula, Chief Accountant; Tom Hritz, Accountant II; Casey O'Neil, Director of Information Systems; Jacob Rushlow, Superintendent of Public Service; and Doug Moore, Assistant Director of Public Works.

12. VACATING PETITION: Planning Commission, re: Petition 2020-07-03-03, submitted by Stonefield Engineering & Design, on behalf of Haggerty Square, L.L.C. and Haggerty Residential, L.L.C., to determine whether or not to vacate a section of the existing public utility easement located on the east side of Haggerty Road, between Seven Mile and Eight Mile Roads (19700 and 19750 Haggerty Road), in the Southwest $\frac{1}{4}$ of Section 6.

Mark Taormina, Director of Planning and Economic Development, presented this request to Council. He stated this is an item Council has reviewed previously and it's more or less a technical oversight, had we discovered this sooner we would have taken care of it at the time. This project was approved, Haggerty Center, there's an easement that runs along the north side of the property that's affecting the ability to complete the project, really just the garages in connection with the residential portion of the development. There's a 40 by 23 foot easement that's being reduced down to 20 feet; 20 feet is sufficient to allow DTE to maintain their wires, the rest of it is not needed for any public utility purposes but is necessary for the construction of the garages. The Planning Commission is recommending approval on this.

Councilmember White offered an approving resolution for the Consent Agenda.

DIRECTION:

APPROVING

CONSENT

PLANNING COMMISSION

IAN WILSHAW, Chairman
GLEN W. LONG, JR., Vice Chairman
SAM CARAMAGNO, Secretary
DAVID BONGERO
ELIZABETH McCUE
CAROL A. SMILEY
PETER H. VENTURA



MAUREEN MILLER BROSNAN
MAYOR

MARK TAORMINA
PLANNING & ECONOMIC
DEVELOPMENT DIRECTOR

SCOTT O. MILLER
PLANNER IV

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2290 Fax (734) 466-2108

August 19, 2020

Honorable Members of the City Council
City of Livonia, Michigan

Re: Petition 2020-07-03-03 – Haggerty Square

Dear Council Members:

At the 1,158th Public Hearings and Regular Meeting held by the City Planning Commission on August 18, 2020, in the Livonia City Hall, the following resolution was unanimously adopted:

#08-36-2020 **RESOLVED**, that pursuant to a Public Hearing having been held by the City Planning Commission on August 18, 2020, on Petition 2020-07-03-03 submitted by Stonefield Engineering & Design, on behalf of Haggerty Square, L.L.C. and Haggerty Residential. L.L.C., pursuant to Section 12.08 of the Livonia Code of Ordinances of the City of Livonia, as amended, to determine whether or not to vacate a section of the existing public utility easement at 19700 and 19750 Haggerty Road, located on the east side of Haggerty Road, between Seven Mile and Eight Mile Roads in the Southwest ¼ of Section 6, the Planning Commission does hereby recommend to the City Council that Petition 2020-07-03-03 be approved for the following reasons:

1. That this part of the easement is no longer needed for public utility purposes.
2. That the easement area being vacated will allow the developer of Haggerty Square to complete the project as approved, including the construction of garages which the easement currently interferes with, and
3. No reporting City department or public utility has objected to the proposed vacating.

To: Honorable Members of the Council
Re: 2020-07-03-03 – Haggerty Square

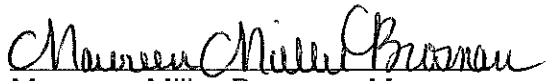
August 19, 2020
Page 2

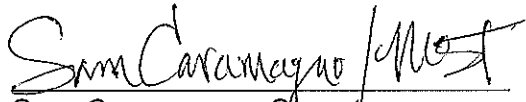
FURTHER RESOLVED, that notice of the above hearing was given in accordance with the provisions of Section 12.08.030 of Zoning Ordinance #543, as amended.

Very truly yours,

APPROVED FOR SUBMISSION

CITY PLANNING COMMISSION


Maureen Miller Brosnan, Mayor


Sam Caramagno, Secretary

cc: Mayor, Clerk, Law
Haggerty Square LLC, 19700 Haggerty Road, Livonia, MI 48152
Haggerty Residential, 4036 Telegraph Road, Ste 201, Bloomfield Hills, MI 48302
Stonefield Engineering & Design, 28454 Woodward Ave., Royal Oak, MI 48067

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

TODD J. ZILINCIK, P.E.
City Engineer

DAVID W. LEAR, P.E.
Assistant City Engineer

MAUREEN MILLER BROSNAN
MAYOR

DONALD R. ROHRAFF.
Director of Public Works



33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154
(734) 466-2571
FAX: (734) 466-2195

June 26, 2020

Honorable Members of the City Council
City of Livonia

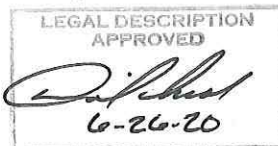
**Re: Partial Vacation of the Public Utility Easement
in S.W. ¼ of Section 6
Haggerty Square Development (19700 & 19750 Haggerty Road)
Parcel I.D. Nos. 46 023-99-0005-003 & 046 023-99-0005-004**

Ladies and Gentlemen:

Pursuant to the May 27, 2020 request from Stonefield Engineering & Design, on behalf of the owners, Haggerty Square, LLC and Haggerty Residential, LLC, the Law Department has approved the request as to form and the Engineering Division has reviewed the utilities located on the property in question and found that the request for the partial vacation of the public utility easement is warranted.

In order to proceed, the Engineering Division respectfully requests that the City Council do all things necessary for the vacation of the south 23 feet of the following public utility easement (vacated Philips Road right-of-way previously recorded in Liber 22962, page 282, Wayne County Records) A map with the original easement to be vacated is attached:

Land situated in the City of Livonia, County of Wayne, Michigan described as commencing at a point distant N 89°21'58" E, 60.00 feet from the West ¼ corner of Section 6, Town 1 South, Range 9 East, City of Livonia., Wayne County, Michigan, thence S 00°00'44" W, 20.00 feet to the Point of Beginning of the 23 foot wide vacated Philips Road easement; thence N 89°21'58" E, 871.37 feet; thence S 00°03'46" W, 23.00 feet; thence S 89°21'58" W, 871.40 feet; thence N 00°00'44" E, 23.00 feet to the Point of Beginning.

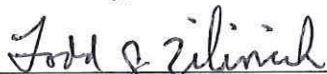


To: Honorable Members of the City Council
Re: **Partial Vacation of the Public Utility Easement**
S.W. ¼ of Section 6
Haggerty Square Development (19700 & 19750 Haggerty Road)
Property ID's #46-023-99-0005-003 & #46-023-99-0005-004

June 26, 2020
Page 2 of 2

Should you have any questions, please feel free to contact this office.

Sincerely,



Todd J. Zilincik, P.E.
City Engineer

APPROVED:



Donald R. Rohraff
Director of Public Works

APPROVED AS TO FORM:



Paul A. Bernier
City Attorney

APPROVED FOR SUBMISSION:



Maureen Miller Brosnan, Mayor
CITY OF LIVONIA

DWL

Attachment

cc: Mr. Eric Williams, Stonefield Engineering & Design, 607 Shelby Street, Ste 200, Detroit, MI 48226
DPW
File

EXHIBIT B

PROPERTY DESCRIPTION:

PARCEL A:

LAND SITUATED IN THE CITY OF LIVONIA, COUNTY OF WAYNE, MICHIGAN, DESCRIBED AS:

BEGINNING AT A POINT DISTANT NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 60.00 FEET FROM THE WEST 1/4 CORNER OF SECTION 6, TOWN 1 SOUTH, RANGE 9 EAST; THENCE CONTINUING NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 291.02 FEET; THENCE SOUTH 00 DEGREES 00 MINUTES 25 SECONDS WEST 66.07 FEET; THENCE NORTH 89 DEGREES 59 MINUTES 18 SECONDS WEST 10.05 FEET; THENCE SOUTH 00 DEGREES 00 MINUTES 42 SECONDS WEST 401.00 FEET; THENCE SOUTH 89 DEGREES 59 MINUTES 18 SECONDS EAST 6.41 FEET; THENCE SOUTH 00 DEGREES 21 MINUTES 49 SECONDS EAST 76.03 FEET; THENCE SOUTH 89 DEGREES 21 MINUTES 58 SECONDS WEST 287.88 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 44 SECONDS EAST 480.22 FEET; THENCE 31.19 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 20.00 FEET AND CENTRAL ANGLE OF 89 DEGREES 21 MINUTES 14 SECONDS EAST, CHORD BEARING AND DISTANCE NORTH 43 DEGREES 42 MINUTES 55 SECONDS EAST 27.67 FEET; THENCE SOUTH 89 DEGREES 21 MINUTES 58 SECONDS WEST 19.12 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 44 SECONDS EAST 43.06 FEET TO THE POINT OF BEGINNING.

PARCEL B:

LAND SITUATED IN THE CITY OF LIVONIA, COUNTY OF WAYNE, MICHIGAN, DESCRIBED AS:

BEGINNING AT A POINT DISTANT NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 351.02 FEET FROM THE WEST 1/4 CORNER OF SECTION 6, TOWN 1 SOUTH, RANGE 9 EAST; THENCE CONTINUING NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 580.32 FEET; THENCE SOUTH 00 DEGREES 03 SECONDS 46 MINUTES EAST (RECORDED AS SOUTH 00 DEGREES 03 MINUTES 49 SECONDS WEST) 543.06 FEET; THENCE SOUTH 89 DEGREES 21 MINUTES 58 SECONDS WEST 584.17 FEET; THENCE NORTH 00 DEGREES 21 MINUTES 49 SECONDS WEST 76.03 FEET; THENCE NORTH 89 DEGREES 59 MINUTES 18 SECONDS WEST 6.41 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 42 SECONDS EAST 401.00 FEET; THENCE SOUTH 89 DEGREES 59 MINUTES 18 SECONDS EAST 10.05 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 25 SECONDS EAST 66.07 FEET TO THE POINT OF BEGINNING.

20' WIDE RETAINED PHILIPS ROAD EASEMENT DESCRIPTION:

LAND SITUATED IN THE CITY OF LIVONIA, COUNTY OF WAYNE, MICHIGAN, DESCRIBED AS:

BEGINNING AT A POINT DISTANT NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 60.00 FEET FROM THE WEST 1/4 CORNER OF SECTION 6, TOWN 1 SOUTH, RANGE 9 EAST; THENCE CONTINUING NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 871.34 FEET; THENCE SOUTH 00 DEGREES 03 MINUTES 46 SECONDS EAST 20.00 FEET; THENCE SOUTH 89 DEGREES 21 MINUTES 58 SECONDS WEST 871.37 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 44 SECONDS WEST 20.00 FEET TO THE POINT OF BEGINNING.

23' WIDE VACATED PHILIPS ROAD EASEMENT DESCRIPTION:

LAND SITUATED IN THE CITY OF LIVONIA, COUNTY OF WAYNE, MICHIGAN, DESCRIBED AS:

COMMENCING AT A POINT DISTANT NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 60.00 FEET FROM THE WEST 1/4 CORNER OF SECTION 6, TOWN 1 SOUTH, RANGE 9 EAST; THENCE SOUTH 00 DEGREES 00 MINUTES 44 SECONDS WEST 20.00 FEET TO THE POINT OF BEGINNING OF 23 FOOT WIDE VACATED PHILIPS ROAD EASEMENT; THENCE NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 871.37 FEET; THENCE SOUTH 00 DEGREES 03 MINUTES 46 SECONDS WEST 23.00 FEET; THENCE SOUTH 89 DEGREES 21 MINUTES 58 SECONDS WEST 871.40 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 44 SECONDS EAST 23.00 FEET TO THE POINT OF BEGINNING.



KEM-TEC

PROFESSIONAL ENGINEERING,
SURVEYING & ENVIRONMENTAL
SERVICES

A GROUP OF COMPANIES

Eastpointe Detroit Ann Arbor Grand Blanc
(800) 295.7222 (313) 758.0677 (734) 994.0888 (888) 694.0001
FAX: (586) 772.4048 FAX: (586) 772.4048 FAX: (734) 994.0667 FAX: (610) 694.9955

www.kemtecagroupofcompanies.com

PREPARED FOR: STONEFIELD ENGINEERING & DESIGN

FIELD SURVEY: N/A

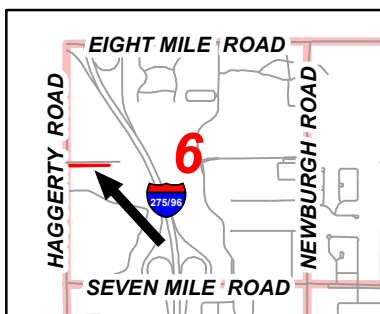
DATE: MAY 5, 2020

DRAWN BY: RCE

SHEET: 2 OF 2

SCALE: N/A

JOB NO.: 19-00036



Aerial Map

Petition 2020-07-03-03
Haggerty Square
19700 and 19750 Haggerty Road
Vacate Public Utility Easement



Not to Scale



City of Livonia
Planning Department



20000

19900

PHILLIPS ROAD PVT

19800 Haggerty

19540 Haggerty

19750

Oil Well
39020

19760 - 19790

19700 - 19740

HAGGERTY ROAD

ROAD

19600

Northville
Township

Notification Map

Petition 2020-07-03-03

Haggerty Square

**19700 and 19750 Haggerty Road
Vacate Public Utility Easement**



Portion of Easement Under Petition

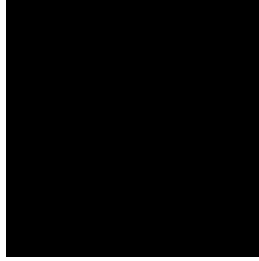


Not to Scale

Date of Public Hearing: August 18, 2020

City of Livonia
Planning Department

NOTICE OF PUBLIC HEARING
CITY OF LIVONIA PLANNING COMMISSION



A PUBLIC HEARING WILL TAKE PLACE BEFORE
THE CITY PLANNING COMMISSION OF THE CITY OF LIVONIA
ON TUESDAY AUGUST 18, 2020, AT 7:00 P.M., OR AS SOON THEREAFTER AS THE AGENDA
WILL PERMIT ON THE FOLLOWING ITEM.

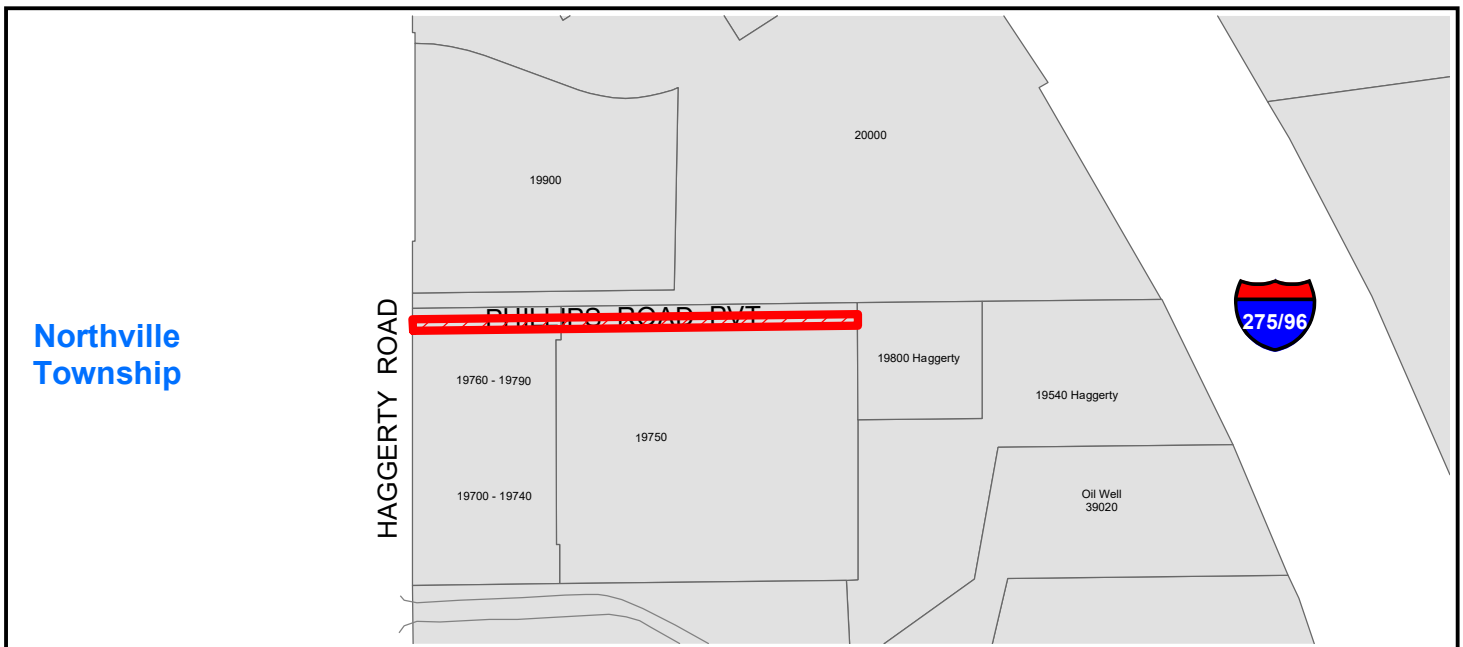
Due to COVID-19, the Planning Commission meeting will not be held in the City Hall Auditorium
Live broadcast: AT&T Uverse Channel 99 / Spectrum Channel 203/
WOW Channel 10 / YouTube.com/LivoniaTV

Connect online: <https://us02web.zoom.us/j/182188326>

Phone participation: (312) 626-6799

Meeting ID: 182 188 326

Petition 2020-07-03-03 submitted by Stonefield Engineering & Design, on behalf of Haggerty Square, L.L.C. and Haggerty Residential. L.L.C., pursuant to Section 12.08 of the Livonia Code of Ordinances of the City of Livonia, as amended, to determine whether or not to vacate a section of the existing public utility easement at 19700 and 19750 Haggerty Road, located on the east side of Haggerty Road, between Seven Mile and Eight Mile Roads in the Southwest ¼ of Section 6.



YOU ARE ENCOURAGED TO ATTEND THE PUBLIC HEARING AND PRESENT YOUR VIEWS ON THIS MATTER TO THE CITY PLANNING COMMISSION. IN LIEU OF ATTENDING THE MEETING, YOU MAY PRESENT YOUR VIEWS IN WRITING ADDRESSED TO: CITY OF LIVONIA PLANNING COMMISSION, 33000 CIVIC CENTER DR., LIVONIA, MI 48154, OR BY EMAIL TO: PLANNING@CI.LIVONIA.MI.US

In accordance with Title II of the American with Disabilities Act as it pertains to access to Public Meetings, the Planning Department of the City of Livonia, upon adequate notice, will make reasonable accommodations for persons with special needs. Please call 734-466-2290 if you need assistance.

PLANNING COMMISSION STAFF NOTES

PUBLIC HEARING

ITEM 2

Petition 2020-07-03-03 submitted by Stonefield Engineering & Design, on behalf of Haggerty Square, L.L.C. and Haggerty Residential. L.L.C., pursuant to Section 12.08 of the Livonia Code of Ordinances of the City of Livonia, as amended, to determine whether or not to vacate a section of the existing public utility easement at 19700 and 19750 Haggerty Road, located on the east side of Haggerty Road, between Seven Mile and Eight Mile Roads in the Southwest $\frac{1}{4}$ of Section 6.

August 11, 2020 Study Meeting:

This petition involves a request to vacate a public utility easement located at Haggerty Square, currently under development on the east side of Haggerty Road between Seven Mile and Eight Mile Roads. This mixed-use development received waiver use approval (CR #196-18) in 2018. The overall project involves a combination of retail and multi-family residential. The retail portion consists of two (2) multi-tenant buildings on the west half of the site, facing Haggerty Road. The apartments, currently under construction, are located on the east half of the site and include two (2) buildings, each three (3) stories in height, containing a total of 201 units.

The existing utility easement is forty-three feet (43') wide and runs along the north property line encompassing what was once Philips Road. When the road was vacated in 1985, a full width easement was retained for utility purposes. Currently, the only public utility that uses the easement is DTE for an overhead power line. This request seeks to have only the south twenty-three feet (23') of the easement vacated. DTE will continue to occupy the remaining twenty feet (20') and has signed-off on the Petitioner's request (see attached). The proposed vacating will allow Haggerty Square to complete the project as approved, including the construction of garages which the easement currently poses an interference.

The City Engineering Division has no objections to the request. City ordinance requires that vacating petitions first have a public hearing by the Planning Commission with a report and recommendation submitted to the City Council. Notice of this petition to vacate the easements has been provided to all known utility and communications companies.

PUBLIC HEARING

ITEM 2 Petition 2020-07-03-03 – Haggerty Square

Page 2

August 18, 2020 Public Hearing:

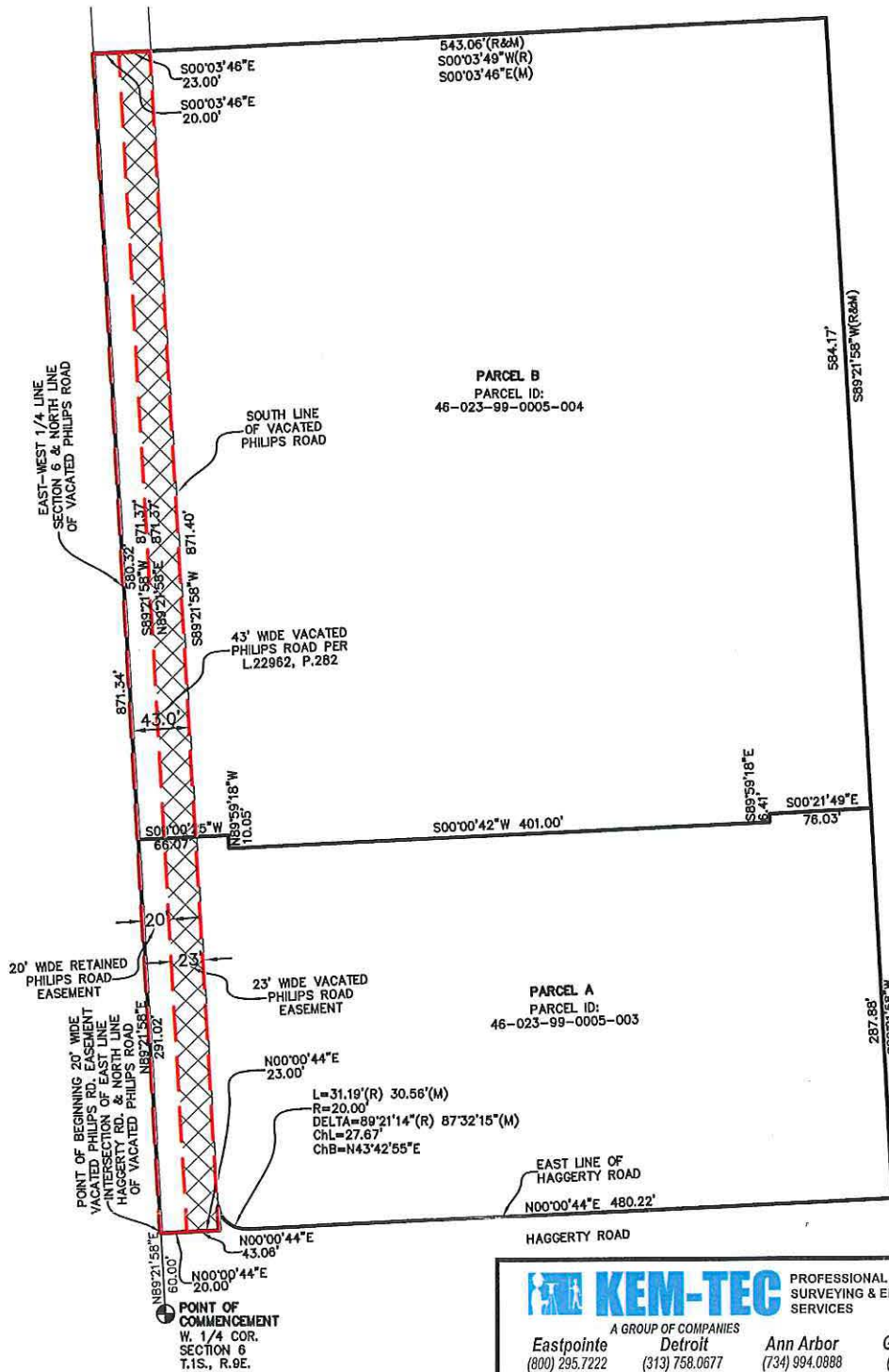
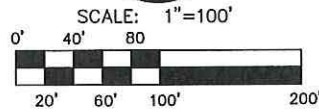
Approving Resolution: That the request to vacate a section of the existing public utility easement at 19700 and 19750 Haggerty Road is hereby approved for the following reasons:

1. That this part of the easement is no longer needed for public utility purposes.
2. That the easement area being vacated will allow the developer of Haggerty Square to complete the project as approved, including the construction of garages which the easement currently interferes with, and
3. No reporting City department or public utility has objected to the proposed vacating.

EXHIBIT B

PROPERTY DESCRIPTION:
SHEET 2 OF 2

EASEMENT DESCRIPTION:
SHEET 2 OF 2



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FAX: (586) 772.4048 FAX: (586) 772.4048 FAX: (734) 994.0667 FAX: (810) 694.9955

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PREPARED FOR: STONEFIELD ENGINEERING & DESIGN

FIELD SURVEY: N/A

DATE: MAY 22, 2020

DRAWN BY: RCE

SHEET: 1 OF 2

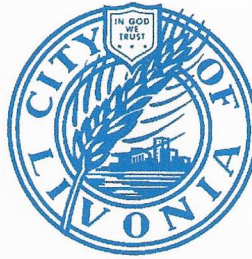
SCALE: 1" = 100'

JOB NO.: 19-00036

DEPARTMENT OF FINANCE

Michael T. Slater
DIRECTOR OF FINANCE

Connie Kumpula
CHIEF ACCOUNTANT



MAUREEN MILLER BROSNAN
MAYOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2260
FAX: (734) 421-1807

August 10, 2020

Mr. Scott O. Miller
Planning Commission
33000 Civic Center Drive
Livonia, MI 48154

Petition 2020-07-03-03 – 19700 and 19750 Haggerty Road – Haggerty Square

Dear Mr. Miller,

I have reviewed the address connected with the above noted petition. As there are no outstanding amounts receivable (general or water and sewer), I have no objections to the proposal.

Please contact me if you have any further questions.

Very truly yours,

Connie Kumpula
Chief Accountant

CK: jw

OFFICE OF THE TREASURER

LYNDA L. SCHEEL
CITY TREASURER



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

July 21, 2020

Mr. Scott Miller – Planner IV
Planning Commission
City of Livonia

Re: Petition 2020-07-03-03

19700 – 19750 Haggerty Road
Haggerty Square

Dear Mr. Miller,

In accordance with your request, the Treasurer's Office has reviewed the name and addresses connected with the above noted petition. At this time there are taxes due, but they are not delinquent, therefore I have no objections to the proposal.

Sincerely,


Lynda L. Scheel
Treasurer, City of Livonia

**OTHER ITEMS
RELATED TO THE
PETITION**

RECEIVED

JUN 09 2020

CITY OF LIVONIA
ENGINEERING DEPARTMENT

**PARTIAL DISCLAIMER AND RELEASE OF INTEREST IN RECORDED
PUBLIC UTILITY EASEMENT**
(no DTE Equipment)

On May 26, 2020, DTE Electric Company disclaims and releases any rights in a certain recorded public utility easement, does not have any equipment in the easement and does not plan to install any equipment in the easement.

"DTE" is:

DTE Electric Company, a Michigan corporation, f/k/a The Detroit Edison Company, a Michigan corporation, whose address is One Energy Plaza Drive, Detroit, Michigan 48226.

"OWNER" is:

Haggerty Square, LLC., a Michigan limited liability company, whose address is 4036 Telegraph Road, Suite 201, Bloomfield Hills, Michigan 48320.

The "EXISTING PUBLIC UTILITY EASEMENT" is:

a) A document titled "86255098 ORD 1852 - An Ordinance Vacating Portions of Street, Alley and Public Ground" dated July 10, 1986, whereby the City of Livonia ordains that all of Phillips Road, 43 feet wide, is vacated subject to the retention of a full-width easement for public utilities as shown on the drawing attached hereto and made a part hereof as Exhibit "A".

b) Is recorded in Liber 22962, Page 284 of Wayne County Records, Register of Deeds.

c) Concerns land located in and being a part of the City of Livonia, County of Wayne, State of Michigan as further described as:

See Exhibit "B" attached hereto and made a part hereof.

"OWNER'S LAND" is:

Land situated in the City of Livonia, County of Wayne, State of Michigan, commonly known as 19700 and 19750 Haggerty Road, Livonia, Michigan, described as follows:

See Exhibit "B" attached hereto and made a part hereof.

Partial Rights Disclaimed and Released by DTE: DTE partially disclaims and releases to Owner DTE's interest in the southerly twenty-three (23') feet of the Existing Public Utility Easement running in an easterly and westerly direction located on the North side of Owner's Land as shown and described on Exhibit "B" attached hereto and made a part hereof.

Partial Rights Retained by DTE: DTE retains its interest in the northerly twenty (20') feet of the Existing Public Utility Easement running in an easterly and westerly as shown and described on Exhibit "B".

DTE Electric Company

By: Karen L. Bourdage
Karen L. Bourdage, Supervisor
Corporate Real Estate

Acknowledged before me in Wayne County, Michigan, on May 26, 2020,
by Karen L. Bourdage, Supervisor - Corporate Real Estate of DTE Electric Company, a Michigan
corporation, for the corporation.

Notary's Stamp	<u>Michelle A. Riley</u> <u>Oakland County</u> <u>Acting in Wayne County</u> <u>9-9-2024</u>	Notary's Signature	<u>Michelle A. Riley</u>
(Notary's name, county, and date commission expires)			

Notarized using electronic/remote technology

Prepared by and Return to:
Michelle Riley
DTE Energy
One Energy Way, 1935 WCB
Detroit, Michigan 48226

UNAPPROVED MINUTES

1

MINUTES OF THE 1,158th PUBLIC HEARINGS AND REGULAR MEETING HELD BY THE CITY PLANNING COMMISSION OF THE CITY OF LIVONIA

On Tuesday, August 18, 2020, the City Planning Commission of the City of Livonia held its 1,158th Public Hearings and Regular Meeting via Zoom Platform

Mr. Ian Wilshaw, Chairman, called the meeting to order at 7:00 p.m.

Members present: David Bongero Sam Caramagno Glen Long
 Betsy McCue Carol Smiley Ian Wilshaw
 Pete Ventura

Members absent: None

Mr. Mark Taormina, Planning Director, Scott Miller, Planner IV, Stephanie Reece, Program Supervisor, and Debra Walter, Clerk-Typist II 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 2020-07-03-03

HAGGERY SQUARE

Mr. Caramagno, Secretary, announced the next item on the agenda, Petition 2020-07-03-03 submitted by Stonefield Engineering & Design, on behalf of Haggerty Square, L.L.C. and Haggerty Residential. L.L.C., pursuant to Section 12.08 of the Livonia Code of Ordinances of the City of Livonia, as amended, to determine whether or not to vacate a section of the existing public utility easement at 19700 and 19750 Haggerty Road, located on the east side of Haggerty Road, between Seven Mile and Eight Mile Roads in the Southwest ¼ of Section 6

Mr. Taormina: This involves a vacating petition at Haggerty Square, which is a mixed-use development located on Haggerty Road between Seven and Eight-Mile Roads. This project includes a combination of both commercial retail as well as multi-family. The retail portion is completed. The apartment phase is currently under construction. This utility easement, which is 43 feet wide, runs along the north property line. It is located on a strip of property that previously contained Phillips Road. That road was vacated in 1995, but there was a full width easement retained within the former right-of-way to accommodate utilities. Currently, the only utility that occupies a portion of the easement is DTE. They have an overhead line that is in the north 20 feet of the easement. Since the easement is 43 feet wide, the petitioner would like to vacate the southerly 23 feet. That would allow DTE to maintain its facilities in the north 20 feet and allow the petitioner to construct garages as part of the approved development. The Engineering Department has no objections to this request. We are required to hold a public hearing by the Code of Ordinances.

With that, Mr. Chairman, I can read out the departmental correspondence.

Mr. Wilshaw: Yes, please.

Mr. Taormina: The first letter is from the Engineering Department, dated June 26, 2020, which reads as follows: " Pursuant to the May 27, 2020 request from Stonefield Engineering & Design, on behalf of the owners, Haggerty Square, LLC and Haggerty Residential, LLC, the Law Department has approved the request as to form and the Engineering Division has reviewed the utilities located on the property in question and found that the request for the partial vacation of the public utility easement is warranted. In order to proceed, the Engineering Division respectfully requests that the City Council do all things necessary for the vacation of the south 23 feet of the following public utility easement (vacated Philips Road right-of-way previously recorded in Uber 22962, page 282, Wayne County Records) A map with the original easement to be vacated is attached. The letter is signed by Todd Zilincik, City Engineer. The next letter is from the Finance Department, dated August 10, 2020, which reads as follows: *"I have reviewed the addresses connected with the above noted petition. As there are no outstanding amounts receivable, general or water and sewer, I have no objections to the proposal."* The letter is signed by Connie Kumpula, Chief Accountant. The next letter is from the Treasurer's

Department, dated August 10, 2020, which reads as follows: *"In accordance with your request, the Treasurer's Office has reviewed the name and addresses connected with the above noted petition. At this time there are taxes due, but they are not delinquent, therefore I have no objections to the proposal."* The letter is signed by Lynda Scheel, Treasurer. That is the extent of the correspondence.

Mr. Wilshaw: Do we have a petitioner here with us tonight on this? I think we might. Let me give Mr. Williams a chance to speak. Good evening.

Eric Williams, Stonefield Engineering & Design, 607 Shelby Street, Detroit, MI, I think Mark explained it perfectly. It is just a minor housekeeping item that unfortunately we were held up trying to get this worked out with DTE. They have since granted their approval. So, we come back before you guys for final step. Happy to answer any questions and I do appreciate your time.

Mr. Wilshaw: Thank you for being here, Mr. Williams. Do we have any questions of the petitioner or the planning staff on this item? I don't see any questions on this item. Is there anybody in the audience that wishes to speak for or against this item? If you do, please use the raised hand feature. Seeing no one coming forward, I will close the public hearing and ask for a motion.

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

#08-36-2020 **RESOLVED**, that pursuant to a Public Hearing having been held by the City Planning Commission on August 18, 2020, on Petition 2020-07-03-03 submitted by Stonefield Engineering & Design, on behalf of Haggerty Square, L.L.C. and Haggerty Residential. L.L.C., pursuant to Section 12.08 of the Livonia Code of Ordinances of the City of Livonia, as amended, to determine whether or not to vacate a section of the existing public utility easement at 19700 and 19750 Haggerty Road, located on the east side of Haggerty Road, between Seven Mile and Eight Mile Roads in the Southwest ¼ of Section 6, the Planning Commission does hereby recommend to the City Council that Petition 2020-07-03-03-03 be approved for the following reasons:

1. That this part of the easement is no longer needed for public utility purposes.

UNAPPROVED MINUTES

4

2. That the easement area being vacated will allow the developer of Haggerty Square to complete the project as approved, including the construction of garages which the easement currently interferes with, and
3. No reporting City department or public utility has objected to the proposed vacating.

FURTHER RESOLVED, that notice of the above hearing was given in accordance with the provisions of Section 12.08.030 of Zoning Ordinance #543, 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 City Council with an approving resolution.

Minutes of the August 5, 2020 Regular Meeting

VACATE

(Stonefield Engineering & Design, on behalf of the owners, Haggerty Square, LLC and Haggerty Residential, LLC.) Request to partially vacate the public utility easement located at 19700 and 19750 Haggerty Road, in the Southwest ¼ of Section 6, Parcel ID Nos. 46-023-99-0005-003 and 46-023-99-0005-004, and a Partial Disclaimer and Release of Interest in Recorded Public Utility Easement on behalf of DTE Electric Company, dated May 26, 2020.

(Refer to Planning)

#219-20 RESOLVED, that having considered a communication from the City Engineer, dated June 26, 2020, approved by the Director of Public Works, approved as to form by the City Attorney and approved for submission by the Mayor, wherein a request is submitted from Stonefield Engineering & Design, on behalf of the owners, Haggerty Square, LLC and Haggerty Residential, LLC, to partially vacate the public utility easement located at 19700 and 19750 Haggerty Road, in the Southwest ¼ of Section 6, Parcel ID Nos. 46-023-99-0005-003 and 46-023-99-0005-004, and a Partial Disclaimer and Release of Interest in Recorded Public Utility Easement on behalf of DTE Electric Company, dated May 26, 2020, the Council does hereby refer this item to the City Planning Commission for action and recommendation in accordance with provisions of law and City Ordinance.

August 5, 2020

CONSENT AGENDA ITEM (Regular Meeting of August 5, 2020)

Motion by:	Toy
Seconded by:	Jolly
ROLL CALL:	
Ayes:	Donovic, Jolly, Toy, Bahr, White, McCullough, McIntyre
Nays:	None
Absent:	None

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD JULY 20, 2020**

Meeting was called to order at 9:09 p.m. by President Kathleen McIntyre in the Auditorium of City Hall, 33000 Civic Center Drive, Livonia, Michigan. Present: Jim Jolly, Scott Bahr, Cathy White, Brandon McCullough, and Kathleen McIntyre. Absent: Rob Donovic and Laura Toy.

Vice President Bahr led the meeting in the Invocation.

Elected and appointed officials present: Mark Taormina, Director of Planning and Economic Development; Todd Zilincik, City Engineer; Leo Neville, Assistant City Attorney; Susan M. Nash, City Clerk; Judy Priebe, Director of Legislative Affairs; and Ted Davis, Superintendent of Parks and Recreation.

5. VACATING REQUEST: Engineering Division, re: to partially vacate public utility easement with property located at 19700 and 19750 Haggerty Road in the Southwest $\frac{1}{4}$ of Section 6. Parcel ID 46-023-99-0005-003 and 46-023-99-0005-004.

Todd Zilincik, City Engineer, presented this request to Council. He stated this is a bit of a housekeeping, obviously it's in relationship to the Haggerty Square Development on Haggerty Road. As you look at Parcel A, they're looking to vacate 23-feet of the Phillips ROW easement, that's for the businesses that are at their out lot. Parcel B is actually where the apartments are being constructed, they're looking to vacate 43-feet of that particular easement and looking to refer it to the Planning Commission for their consideration, public hearing, and hoping to come back to City Council. They don't see a problem with this, go through the formality, housekeeping issues of getting it vacated. The Applicant provided to the City Clerk back on June 15th and hopefully it will get back to us shortly for approval on the development which is going very fast.

Councilmember White offered an approving resolution to refer this item to the Planning Commission for the Consent Agenda.

DIRECTION: REFER TO PLANNING COMMISSION CONSENT

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

TODD J. ZILINCIK, P.E.
City Engineer

DAVID W. LEAR, P.E.
Assistant City Engineer



MAUREEN MILLER BROSNAN
MAYOR

DONALD R. ROHRAFF.
Director of Public Works

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154
(734) 466-2571
FAX: (734) 466-2195

June 26, 2020

Honorable Members of the City Council
City of Livonia

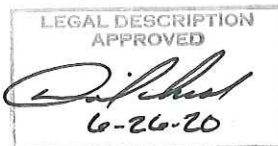
**Re: Partial Vacation of the Public Utility Easement
in S.W. ¼ of Section 6
Haggerty Square Development (19700 & 19750 Haggerty Road)
Parcel I.D. Nos. 46 023-99-0005-003 & 046 023-99-0005-004**

Ladies and Gentlemen:

Pursuant to the May 27, 2020 request from Stonefield Engineering & Design, on behalf of the owners, Haggerty Square, LLC and Haggerty Residential, LLC, the Law Department has approved the request as to form and the Engineering Division has reviewed the utilities located on the property in question and found that the request for the partial vacation of the public utility easement is warranted.

In order to proceed, the Engineering Division respectfully requests that the City Council do all things necessary for the vacation of the south 23 feet of the following public utility easement (vacated Philips Road right-of-way previously recorded in Liber 22962, page 282, Wayne County Records) A map with the original easement to be vacated is attached:

Land situated in the City of Livonia, County of Wayne, Michigan described as commencing at a point distant N 89°21'58" E, 60.00 feet from the West ¼ corner of Section 6, Town 1 South, Range 9 East, City of Livonia., Wayne County, Michigan, thence S 00°00'44" W, 20.00 feet to the Point of Beginning of the 23 foot wide vacated Philips Road easement; thence N 89°21'58" E, 871.37 feet; thence S 00°03'46" W, 23.00 feet; thence S 89°21'58" W, 871.40 feet; thence N 00°00'44" E, 23.00 feet to the Point of Beginning.

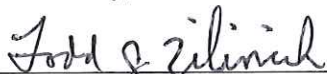


To: Honorable Members of the City Council
Re: **Partial Vacation of the Public Utility Easement**
S.W. ¼ of Section 6
Haggerty Square Development (19700 & 19750 Haggerty Road)
Property ID's #46-023-99-0005-003 & #46-023-99-0005-004

June 26, 2020
Page 2 of 2

Should you have any questions, please feel free to contact this office.

Sincerely,



Todd J. Zilincik, P.E.
City Engineer

APPROVED:



Donald R. Rohraff
Director of Public Works

APPROVED AS TO FORM:



Paul A. Bernier
City Attorney

APPROVED FOR SUBMISSION:



Maureen Miller Brosnan, Mayor
CITY OF LIVONIA

DWL

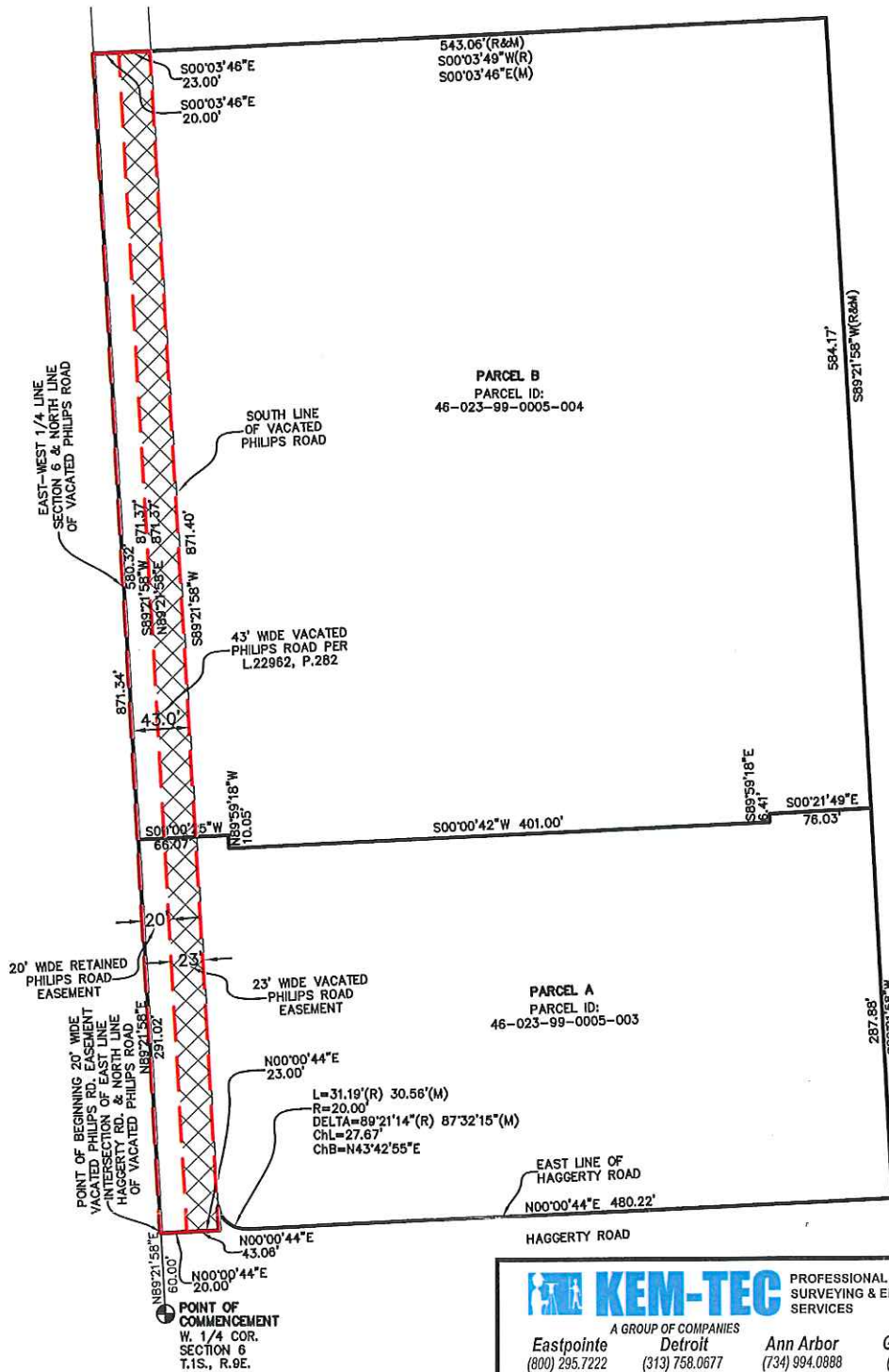
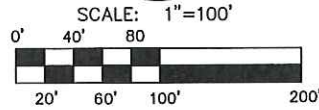
Attachment

cc: Mr. Eric Williams, Stonefield Engineering & Design, 607 Shelby Street, Ste 200, Detroit, MI 48226
DPW
File

EXHIBIT B

PROPERTY DESCRIPTION:
SHEET 2 OF 2

EASEMENT DESCRIPTION:
SHEET 2 OF 2



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www.kemtecagroupofcompanies.com

PREPARED FOR: STONEFIELD ENGINEERING & DESIGN

FIELD SURVEY: N/A

DATE: MAY 22, 2020

DRAWN BY: RCE

SHEET: 1 OF 2

SCALE: 1" = 100'

JOB NO.: 19-00036

EXHIBIT B

PROPERTY DESCRIPTION:

PARCEL A:

LAND SITUATED IN THE CITY OF LIVONIA, COUNTY OF WAYNE, MICHIGAN, DESCRIBED AS:

BEGINNING AT A POINT DISTANT NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 60.00 FEET FROM THE WEST 1/4 CORNER OF SECTION 6, TOWN 1 SOUTH, RANGE 9 EAST; THENCE CONTINUING NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 291.02 FEET; THENCE SOUTH 00 DEGREES 00 MINUTES 25 SECONDS WEST 66.07 FEET; THENCE NORTH 89 DEGREES 59 MINUTES 18 SECONDS WEST 10.05 FEET; THENCE SOUTH 00 DEGREES 00 MINUTES 42 SECONDS WEST 401.00 FEET; THENCE SOUTH 89 DEGREES 59 MINUTES 18 SECONDS EAST 6.41 FEET; THENCE SOUTH 00 DEGREES 21 MINUTES 49 SECONDS EAST 76.03 FEET; THENCE SOUTH 89 DEGREES 21 MINUTES 58 SECONDS WEST 287.88 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 44 SECONDS EAST 480.22 FEET; THENCE 31.19 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 20.00 FEET AND CENTRAL ANGLE OF 89 DEGREES 21 MINUTES 14 SECONDS EAST, CHORD BEARING AND DISTANCE NORTH 43 DEGREES 42 MINUTES 55 SECONDS EAST 27.67 FEET; THENCE SOUTH 89 DEGREES 21 MINUTES 58 SECONDS WEST 19.12 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 44 SECONDS EAST 43.06 FEET TO THE POINT OF BEGINNING.

PARCEL B:

LAND SITUATED IN THE CITY OF LIVONIA, COUNTY OF WAYNE, MICHIGAN, DESCRIBED AS:

BEGINNING AT A POINT DISTANT NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 351.02 FEET FROM THE WEST 1/4 CORNER OF SECTION 6, TOWN 1 SOUTH, RANGE 9 EAST; THENCE CONTINUING NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 580.32 FEET; THENCE SOUTH 00 DEGREES 03 SECONDS 46 MINUTES EAST (RECORDED AS SOUTH 00 DEGREES 03 MINUTES 49 SECONDS WEST) 543.06 FEET; THENCE SOUTH 89 DEGREES 21 MINUTES 58 SECONDS WEST 584.17 FEET; THENCE NORTH 00 DEGREES 21 MINUTES 49 SECONDS WEST 76.03 FEET; THENCE NORTH 89 DEGREES 59 MINUTES 18 SECONDS WEST 6.41 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 42 SECONDS EAST 401.00 FEET; THENCE SOUTH 89 DEGREES 59 MINUTES 18 SECONDS EAST 10.05 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 25 SECONDS EAST 66.07 FEET TO THE POINT OF BEGINNING.

20' WIDE RETAINED PHILIPS ROAD EASEMENT DESCRIPTION:

LAND SITUATED IN THE CITY OF LIVONIA, COUNTY OF WAYNE, MICHIGAN, DESCRIBED AS:

BEGINNING AT A POINT DISTANT NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 60.00 FEET FROM THE WEST 1/4 CORNER OF SECTION 6, TOWN 1 SOUTH, RANGE 9 EAST; THENCE CONTINUING NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 871.34 FEET; THENCE SOUTH 00 DEGREES 03 MINUTES 46 SECONDS EAST 20.00 FEET; THENCE SOUTH 89 DEGREES 21 MINUTES 58 SECONDS WEST 871.37 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 44 SECONDS WEST 20.00 FEET TO THE POINT OF BEGINNING.

23' WIDE VACATED PHILIPS ROAD EASEMENT DESCRIPTION:

LAND SITUATED IN THE CITY OF LIVONIA, COUNTY OF WAYNE, MICHIGAN, DESCRIBED AS:

COMMENCING AT A POINT DISTANT NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 60.00 FEET FROM THE WEST 1/4 CORNER OF SECTION 6, TOWN 1 SOUTH, RANGE 9 EAST; THENCE SOUTH 00 DEGREES 00 MINUTES 44 SECONDS WEST 20.00 FEET TO THE POINT OF BEGINNING OF 23 FOOT WIDE VACATED PHILIPS ROAD EASEMENT; THENCE NORTH 89 DEGREES 21 MINUTES 58 SECONDS EAST 871.37 FEET; THENCE SOUTH 00 DEGREES 03 MINUTES 46 SECONDS WEST 23.00 FEET; THENCE SOUTH 89 DEGREES 21 MINUTES 58 SECONDS WEST 871.40 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 44 SECONDS EAST 23.00 FEET TO THE POINT OF BEGINNING.



KEM-TEC

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www.kemtecagroupofcompanies.com

PREPARED FOR: STONEFIELD ENGINEERING & DESIGN

FIELD SURVEY: N/A

DATE: MAY 5, 2020

DRAWN BY: RCE

SHEET: 2 OF 2

SCALE: N/A

JOB NO.: 19-00036

RECEIVED

JUN 09 2020

CITY OF LIVONIA
ENGINEERING DEPARTMENT

**PARTIAL DISCLAIMER AND RELEASE OF INTEREST IN RECORDED
PUBLIC UTILITY EASEMENT**
(no DTE Equipment)

On May 26, 2020, DTE Electric Company disclaims and releases any rights in a certain recorded public utility easement, does not have any equipment in the easement and does not plan to install any equipment in the easement.

"DTE" is:

DTE Electric Company, a Michigan corporation, f/k/a The Detroit Edison Company, a Michigan corporation, whose address is One Energy Plaza Drive, Detroit, Michigan 48226.

"OWNER" is:

Haggerty Square, LLC., a Michigan limited liability company, whose address is 4036 Telegraph Road, Suite 201, Bloomfield Hills, Michigan 48320.

The "EXISTING PUBLIC UTILITY EASEMENT" is:

a) A document titled "86255098 ORD 1852 – An Ordinance Vacating Portions of Street, Alley and Public Ground" dated July 10, 1986, whereby the City of Livonia ordains that all of Phillips Road, 43 feet wide, is vacated subject to the retention of a full-width easement for public utilities as shown on the drawing attached hereto and made a part hereof as Exhibit "A".

b) Is recorded in Liber 22962, Page 284 of Wayne County Records, Register of Deeds.

c) Concerns land located in and being a part of the City of Livonia, County of Wayne, State of Michigan as further described as:

See Exhibit "B" attached hereto and made a part hereof.

"OWNER'S LAND" is:

Land situated in the City of Livonia, County of Wayne, State of Michigan, commonly known as 19700 and 19750 Haggerty Road, Livonia, Michigan, described as follows:

See Exhibit "B" attached hereto and made a part hereof.

Partial Rights Disclaimed and Released by DTE: DTE partially disclaims and releases to Owner DTE's interest in the southerly twenty-three (23') feet of the Existing Public Utility Easement running in an easterly and westerly direction located on the North side of Owner's Land as shown and described on Exhibit "B" attached hereto and made a part hereof.

Partial Rights Retained by DTE: DTE retains its interest in the northerly twenty (20') feet of the Existing Public Utility Easement running in an easterly and westerly as shown and described on Exhibit "B".

DTE Electric Company

By: Karen L. Bourdage
Karen L. Bourdage, Supervisor
Corporate Real Estate

Acknowledged before me in Wayne County, Michigan, on May 26, 2020,
by Karen L. Bourdage, Supervisor - Corporate Real Estate of DTE Electric Company, a Michigan
corporation, for the corporation.

Notary's Stamp Michelle A. Riley
Oakland County
Acting in Wayne County
9-9-2024
Notary's Signature Michelle A. Riley
(Notary's name, county, and date commission expires)

Notarized using electronic/remote technology

Prepared by and Return to:
Michelle Riley
DTE Energy
One Energy Way, 1935 WCB
Detroit, Michigan 48226

46255098

LI 22962 PR 282

ROBERT F. HASH, being the duly qualified elected City Clerk of the City of Livonia, does hereby certify that the following is a true copy of an Ordinance on file in the Office of the City Clerk, which Ordinance was passed by the Livonia City Council on August 27, 1986, signed by the Mayor on September 4, 1986 and published in the Livonia Observer newspaper on September 15, 1986.

32D. 1852

**AN ORDINANCE VACATING PORTIONS
OF STREET, ALLEY AND PUBLIC
GROUND.**

THE CITY OF LIVONIA ORDAINS:

912899

Section 1. The report and recommendation of the City Planning Commission, dated June 24, 1986, setting forth its resolution 6-159-86 on Petition 85-11-3-10 for vacating Phillips Road, east of Haggerty Road and south of Eight Mile Road in Section 6, City of Livonia, Wayne County, Michigan, is hereby accepted and adopted and the Council does hereby approve all proceedings on said Petition 85-11-3-10, it appearing that a public hearing thereon was held on June 17, 1986 as provided by law and that the proper notices of such hearing were given.

Section 2. Pursuant to Chapter 8 of Title 12 of the Livonia Code of Ordinances, as amended, the following property is hereby vacated:

All that part of Phillips Road, 43 feet wide, lying between the East line of Haggerty Road, as established and the westerly line of the I-175/96 R.O.W. being more particularly described as: Beginning at a point distant N.87°35'07"E. 60.00 ft. from the W. 1/4 corner of Section 6, T.15., R.9E., City of Livonia, Wayne County, Michigan, said point of beginning being the intersection of the East line of said Haggerty Road and the North line of said Phillips Road, said point of beginning being also a point on the E & W 1/4 line of said Section 6, thence continuing N.87°35'07"E. 1468.78 ft. as measured along said 1/4 line of Section 6 to a point on the W'ly line of the I-275/96 R.O.W.; thence along said I-275/96 R.O.W. along a curve to the right having a radius of 5593.58 ft., arc length of 48.11 ft., central angle of 0°29'34", a chord bearing and distance of S.29°06'20"E. 48.11 ft. to a point on the S. line of said Phillips Road; thence S.87°35'07"W. 1490.87 ft. as measured along the S. line of said Phillips Road to a point on the E. line of said Haggerty Road; thence N.1°46'07"W. 43.00 ft. as measured along said E. line of Haggerty Road to the point of beginning;

subject to the retention of a full-width easement for public utilities.

RECEIVED
CITY CLERK
JUN 14 1986

26000099

Section 3. All ordinances or parts of ordinances in conflict herewith are hereby repealed only to the extent necessary to give this ordinance full force and effect.

Section 4. Should any portion of this ordinance be held invalid for any reason, such holding shall not be construed as affecting the validity of any of the remaining portions of this ordinance.

br
7-10-86

IN WITNESS WHEREOF, the undersigned has hereunto affixed his signature on this 12th day of September, A.D. 1986.


Robert F. Hash, City Clerk, City of Livonia
Wayne County, Michigan

Return to: Robert F. Hash
33000 Civic Center Drive
Livonia, Michigan 48154

MAP ATTACHED

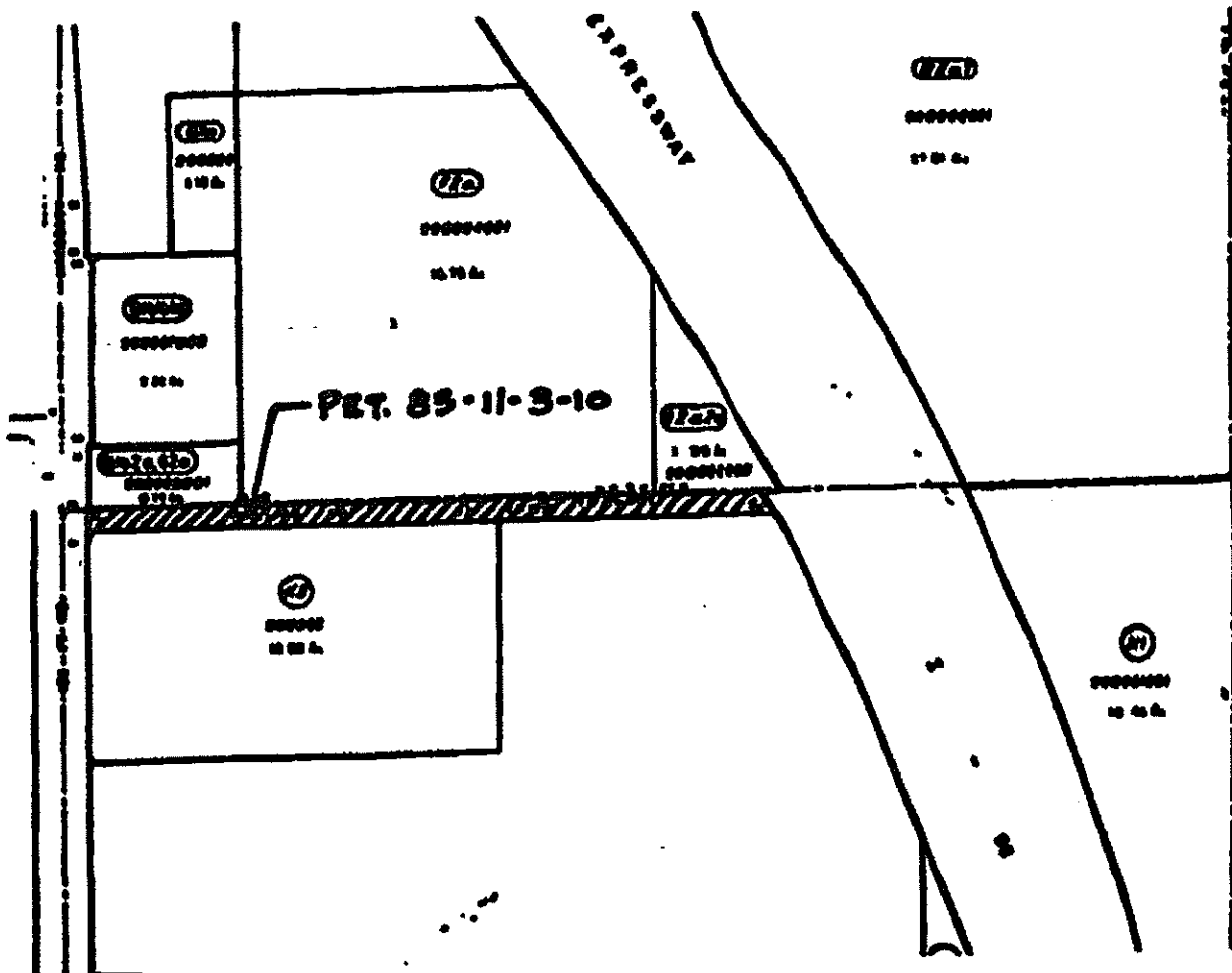


CITY PLANNING COMMISSION

LI 22962-284

A Public Hearing will take place before the City Planning Commission of the City of Livonia on Tuesday, JUNE 17, 1966 at the Livonia City Hall, 33001 Five Mile Road, Livonia, Michigan at 7:00 p.m. or as soon thereafter as the agenda will permit on the following item:

PETITION 85-11-3-10 by Michael A. Eggis requesting to vacate Phillips Road east of Eggarty in Section 6. If you wish you may examine the petition prior to said hearing at the Planning Commission office during the normal working hours Monday thru Friday.



You are encouraged to attend the Public Hearing and present your views on this matter to the City Planning Commission.



**CITY of LIVONIA
OFFICE OF THE CITY CLERK**

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

Received From: Stonefield Engineering & Design
Address 6077 Shelby Street Suite 200
City Detroit Zip 48226 Date 06/15/20

CERTIFICATES

Dollar Amount

BIRTHS ☐ LF# _____ CC _____ PARCHMENT

PAID

DEATHS ☐ LF# _____ CC _____ JUN 15 2020

CITY OF LIVONIA

GENERAL

☐ Maps, Books _____
☐ F.O.I.A. Copies _____
☐ Signs _____
☐ Grading Bond _____
☐ Petition, Waiver Vacating Petition Fee
☒ Election Fees 43' Easement
☒ Other 197.00 + 197.50 Haggerty Rd

CASH ☐ CK# 20642

Total Amt. >

\$150.00

BY. LM

No. 067164

CITIZEN'S COPY

CASH ONLY IF ALL CheckLock™ SECURITY FEATURES LISTED ON BACK INDICATE NO TAMPERING OR COPYING

TOWER CONSTRUCTION, LLC

2093 Orchard Lake Road
Sylvan Lake, Michigan 48320

CIBC Bank USA
Birmingham, MI 48009
74-1358/724

20642

05/28/2020

PAY TO THE
ORDER OF City of Livonia

\$ 650.00

Six Hundred Fifty Dollars and Zero cents*****

DOLLARS

PROTECTED AGAINST FRAUD

City of Livonia
33000 Civic Center Dr.
Livonia, Michigan 48154

MEMO INV # 19-033 ROW Release

[Signature]

⑈020642⑈ ⑆072413586⑆

⑈2295805⑈

TOWER CONSTRUCTION, LLC
City of Livonia - 05/28/2020

20642

Job Number	Invoice Date	Invoice Number
19-033	May 28, 2020	19-033 ROW Release

Invoice Amount	Payment Amount
650.00	650.00
Check Amount	650.00



REPORT TO THE LIVONIA CITY COUNCIL

Law

October 30, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Brenda Smyser, Program Supervisor, Law

AGENDA ITEM

REQUEST TO AMEND COUNCIL RESOLUTION 256-20: Department of Law, re: Petition 2019-09-LS-18, for a lot split and combination for the properties located at the Southwest corner of Robert and MacIntyre Avenues, in the Northeast $\frac{1}{4}$ of Section 35, (29568 MacIntyre, 29551 Robert and 29525 Robert) Parcel Nos. 46-137-01-0307-000, 46-137-01-0305-000 and 46-137-01-0306-000.

BACKGROUND

CR 256-20 approved the combination of the three subject parcels into two parcels, instead of three.

RECOMMENDATION

Amend CR 256-20 to split lot into three parcels.

FISCAL CONSIDERATION

ATTACHMENTS

1. Request to Amend CR 256-20
2. S120219 Petition 2019-09-LS-18 (Rob Trenkle, Elizabeth Pizzo, Gina Nguyen) 29551 and 29525 Robert, 29568 MacIntyre (LOT SPLITS)

APPROVED BY

Mike Fisher, Chief Assistant City Attorney

Date: October 30, 2020

Paul Bernier, City Attorney

Date: October 30, 2020



Date: November 05, 2020

Maureen Miller Brosnan, Mayor

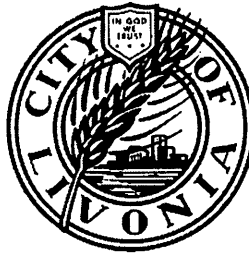
DEPARTMENT OF LAW

PAUL A. BERNIER
City Attorney

MICHAEL E. FISHER
Chief Assistant City Attorney

ERIC S. GOLDSTEIN
Assistant City Attorney

LEO D. NEVILLE
Assistant City Attorney



MAUREEN MILLER BROSNAN
MAYOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2520
FAX: (734) 466-2072

October 29, 2020

TO: HONORABLE MEMBERS OF THE CITY COUNCIL

FROM: DEPARTMENT OF LAW

SUBJECT: REQUEST TO AMEND CR 256-20 – LOT SPLIT AND COMBINATION INVOLVING PARCEL NO. 46-137-01-0305-000 (29551 ROBERT), 46-137-01-0306-000 (29525 ROBERT) AND 46-137-01-0307-000 (29568 MACINTYRE)

REF: CR #256-20, PETITION NO. 2019-09-LS-18 (REVISED)

Dear Council Members:

As you may recall, the Council recently considered the referenced petition to reconfigure boundary lines among three developed and occupied parcels at the intersection of Robert and MacIntyre Avenues in the Northeast ¼ of Section 35. The original proposal was unacceptable, so the matter was referred to the Committee of the Whole pending revision. When satisfactory boundaries were determined, the petition was set for approval as revised. Unfortunately, through faulty transcription or transmission of the pertinent legal descriptions, Council Resolution 256-20 approved the combination of the three subject lots into two parcels, instead of three.

As a result of this error, it is necessary to amend CR 256-20 to read as follows:

RESOLVED, that having considered a letter from the Department of Law, dated October 29, 2020, wherein it is requested that Council Resolution 256-20 be amended to approve the lot split into three parcels; **THE COUNCIL DOES HEREBY AMEND AND REVISE COUNCIL RESOLUTION 256-20 SO AS TO READ AS FOLLOWS:**

RESOLVED, that having considered the report and recommendation of the Committee of the Whole, dated August 19, 2020, submitted pursuant to Council Resolution 402-19, and a communication from the Department of Assessment, dated July 20, 2020, which bears

the signatures of the Planning Director and City Engineer, and is approved for submission by the Mayor, with regard to Petition 2019-09-LS-18 (revised), submitted by Robert Trenkle and Elizabeth Pizzo, 29568 MacIntyre and Gina Nguyen, 29525 Robert, requesting a proposed lot split and combination of the property located at the northwest corner of Robert and MacIntyre Avenues (29568 MacIntyre, 29551 Robert and 29525 Robert), in the Northeast $\frac{1}{4}$ of Section 35, and to waive the lot depth and area for proposed Parcel 1, and in accordance with the provisions of 1967 PA 288, as amended, as well as Code of Ordinances Section 16.32.030 and Section 18.46 of Ordinance No. 543, both as amended, **THE COUNCIL DOES HEREBY APPROVE OF THE PROPOSED LOT SPLIT AND COMBINATION OF TAX ITEM NOS. 46-137-01-0305-000 (29551 ROBERT), 46-137-01-0306-000 (29525 ROBERT) AND 46-137-01-0307-000 (29568 MACINTYRE), LOCATED AT THE NORTHWEST CORNER OF ROBERT AND MACINTYRE AVENUES, IN THE NORTHEAST $\frac{1}{4}$ OF SECTION 35, INTO THREE (3) PARCELS, THE LEGAL DESCRIPTIONS OF WHICH SHALL READ AS FOLLOWS:**

PARCEL 1

The Northeasterly 91.50 feet of Lot 305 of BEL-AIRE GARDENS being a sub'n of part of the South $\frac{1}{4}$ of the North $\frac{1}{2}$ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records. Containing 6405 square feet or land, more or less.

PARCEL 2



Part of Lot 306 of BEL-AIRE GARDENS being a sub'n of part of the South $\frac{1}{2}$ of the North $\frac{1}{2}$ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records, described as:

BEGINNING at the Northerly corner of said Lot 306; thence S. 44 degrees, 52' 50" E. 101.52 feet along the Northeasterly line of said Lot 306 said line also being the Southwesterly right of way line of Robert Drive (60 feet wide) to the Easterly corner of said Lot 306; thence 119.69 feet along the arc of a curve to the right having a radius of 285.00 feet a central angle of 24 degrees 03' 44" and a long chord bearing S. 59 degrees 40' 31" W. 118.81 feet along the Southerly line of said Lot 306 said line also being the Northerly right of way line of MacIntyre Avenue (60 feet wide) to the Southwesterly corner of said Lot 306; thence N. 44 degrees 52' 50" W. 47.34 feet along the Southwesterly line of said Lot 306; thence N. 33 degrees 42' 21" W. 25.12 feet to a point on the northwesterly line of said Lot 306; and thence N. 45 degrees 17' 16" E. 110.13 feet along said Northwesterly line of Lot 306 to the POINT OF BEGINNING. Containing 10,414.5 square feet of land, more or less. Subject to any and all easements or rights of way of record, if any.

PARCEL 3

Part of Lots 305 and 306 and all of Lot 307 of BEL-AIRE GARDENS being a sub'n of part of the South $\frac{1}{2}$ of the North $\frac{1}{2}$ of Section 35, T. 1 S., R. 9 E., City of Livonia,

Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records, described as:

BEGINNING at the Southwest corner of said Lot 307; thence N. 00° 07' 10" E. 115.00 feet along the West line of said Lot 307 to the Northwest corner of said Lot 307; thence S. 89° 52' 50" E. 18.00 feet along the North line of said Lot 307 to the Northeast corner of said Lot 307 also being the Northwesterly corner of said Lot 305; thence N. 45° 17' 10" E. 23.50 feet along the Northwesterly line of said Lot 305; thence S. 44° 52' 50" E. 70.00 feet to a point on the Southeasterly line of said Lot 305 said line also being the Northwesterly line of said Lot 306; thence S. 45° 17' 10" W. 18.62 feet along said Northwesterly line of Lot 306; thence S. 33° 42' 21" E. 25.12 feet on the Southwesterly line of said Lot 306 said line also being the Northeasterly line of said Lot 307; thence S. 44° 52' 50" E. 47.34 feet along said Northeasterly line of Lot 307 to the Southeasterly corner of said Lot 307; thence 91.98 feet along the arc of a curve to the right having a radius of 285.00 feet a central angle of 18° 29' 28" and a long chord bearing S. 80° 57' 07" W. 91.58 feet along the Southerly line of said Lot 307 said line also being the Northerly line of MacIntyre Avenue (60 feet wide); and thence N. 89° 52' 50" W. 28.00 feet along said Southerly line of Lot 307 to the POINT OF BEGINNING. Containing 9847.8 square feet of land, more or less. Subject to any and all easements or rights of way or records, if any.

as shown on the map attached to the aforesaid communication which is made a part hereof by reference; FURTHER, in accordance with Section 16.32.030 of the Livonia Code of Ordinances, as amended, and Section 18.46 of Zoning Ordinance No. 543, as amended, THE COUNCIL DOES HEREBY WAIVE THE MINIMUM LOT DEPTH AND AREA REQUIREMENT FOR PROPOSED PARCEL 1 AS SET FORTH IN ZONING ORDINANCE NO. 543, AS AMENDED, WITH RESPECT TO THIS PROPERTY DIVISION; and the City Clerk is hereby requested to cause a certified copy of this resolution to be recorded in the Office of the Wayne County Register of Deeds.

Approved for submission:

Very truly yours,

Maureen Miller Brosnan, Mayor

Paul A. Bernier, City Attorney

Michael E. Fisher,
Chief Assistant City Attorney

Attachment

cc: Mayor, Clerk, Council, Finance, Planning, Assessing, Engineering

Regular Meeting Minutes of September 9, 2020

September 9, 2020

LOT SPLITS

Petition 2019-09-LS-18
Receive and file
communication from the
Assessment Department
dated July 20, 2020,
regarding the revised
surveys on subject
properties for the
proposed lot split.

A communication received from the Assessment Department,
dated July 20, 2020, regarding the revised surveys on subject properties
for the proposed lot split, Petition 2019-09-LS-18, was received and
placed on file for the information of the Council.

REGULAR MEETING OF September 9, 2020

**Councilmembers Present: Toy, Bahr, White, McCullough, Donovic, Jolly,
McIntyre**

Councilmember(s) Absent: None

President McIntyre, as Chair of the Committee of the Whole, reported out on
the meeting of Wednesday, August 19, 2020.

LOT SPLITS

Petition 2019-09-LS-18
(Robert Trenkle,
Elizabeth Pizzo and
Gina Nguyen)
Request for a proposed
lot split and
combination of the
property located at the
Northwest corner of
Robert and MacIntyre
Avenues, (29568
MacIntyre, 29551
Robert and 29525
Robert) and to waive
the lot depth and area
for proposed Parcel 1.
(CR 402-19)

Request from Robert Trenkle and Elizabeth Pizzo, 29568 MacIntyre and
Gina Nguyen, 29525 Robert, for a proposed lot split and combination of
the property located at the Northwest corner of Robert and MacIntyre
Avenues, (29568 MacIntyre, 29551 Robert and 29525 Robert) and to
waive the lot depth and area for proposed Parcel 1. (Petition 2019-09-LS-
18) (CR 402-19)

REGULAR MEETING OF September 9, 2020

**Councilmembers Present: Toy, Bahr, White, McCullough, Donovic, Jolly,
McIntyre**

Councilmember(s) Absent: None

On a motion by Toy, supported by Jolly, it was:

LOT SPLITS

Petition 2019-09-LS-18
Approval of a proposed lot
split and combination of the
property located at the
Northwest corner of Robert
and MacIntyre Avenues,
(29568 MacIntyre, 29551
Robert and 29525 Robert)
and to waive the lot depth and
area for proposed Parcel 1.
(CR 402-19)

#256-20 RESOLVED, that having considered the report and
recommendation of the Committee of the Whole, dated August 19, 2020,
submitted pursuant to Council Resolution 402-19, and a communication
from the Department of Assessment, dated July 20, 2020, which bears
the signatures of the Planning Director and City Engineer, and is approved
for submission by the Mayor, with regard to Petition 2019-09-LS-18
(revised), submitted by Robert Trenkle and Elizabeth Pizzo, 29568

September 9, 2020

Regular Meeting Minutes of September 9, 2020

MacIntyre and Gina Nguyen, 29525 Robert, requesting a proposed lot split and combination of the property located at the northwest corner of Robert and MacIntyre Avenues (29568 MacIntyre, 29551 Robert and 29525 Robert), in the Northeast $\frac{1}{4}$ of Section 35, and to waive the lot depth and area for proposed Parcel 1, and in accordance with the provisions of 1967 PA 288, as amended, as well as Code of Ordinances Section 16.32.030 and Section 18.46 of Ordinance No. 543, both as amended, the Council does hereby approve of the proposed lot split and combination of Tax Item Nos. 46-137-01-0305-000 (29551 Robert), 46-137-01-0306-000 (29525 Robert) and 46-137-01-0307-000 (29568 MacIntyre), located at the Northwest corner of Robert and MacIntyre Avenues, in the Northeast $\frac{1}{4}$ of Section 35, into two (2) parcels, the legal descriptions of which shall read as follows:

PARCEL 1

The Northeasterly 91.50 feet of Lot 305 of BEL-AIRE GARDENS being a sub'n of part of the South $\frac{1}{4}$ of the North $\frac{1}{2}$ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records. Containing 6405 square feet or land, more or less.

PARCEL 2

Part of Lot 306 of BEL-AIRE GARDENS being a sub'n of part of the South $\frac{1}{2}$ of the North $\frac{1}{2}$ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records, described as:

BEGINNING at the Northerly corner of said Lot 306; thence S. 44 degrees, 52' 50" E. 101.52 feet along the Northeasterly line of said Lot 306 said line also being the Southwesterly right of way line of Robert Drive (60 feet wide) to the Easterly corner of said Lot 306; thence 119.69 feet along the arc of a curve to the right having a radius of 285.00 feet a central angle of 24 degrees 03' 44" and a long chord bearing S. 59 degrees 40' 31" W. 118.81 feet along the Southerly line of said Lot 306 said line also being the Northerly right of way line of MacIntyre Avenue (60 feet wide) to the Southwesterly corner of said Lot 306; thence N. 44 degrees 52' 50" W. 47.34 feet along the Southwesterly line of said Lot 306; thence N. 33 degrees 42' 21" W. 25.12 feet to a point on the northwesterly line of said Lot 306; and thence N. 45 degrees 17' 16" E. 110.13 feet along said Northwesterly line of Lot 306 to the POINT OF BEGINNING. Containing 10,414.5 square feet of land, more or less. Subject to any and all easements or rights of way of record, if any.

as shown on the map attached to the aforesaid communication which is made a part hereof by reference; FURTHER, in accordance with Section

Regular Meeting Minutes of September 9, 2020

16.32.030 of the Livonia Code of Ordinances, as amended, and Section 18.46 of Zoning Ordinance No. 543, as amended, the Council does hereby waive the minimum lot depth and area requirement for proposed Parcel 1 as set forth in Zoning Ordinance No. 543, as amended, with respect to this property division; and the City Clerk is hereby requested to cause a certified copy of this resolution to be recorded in the Office of the Wayne County Register of Deeds.

A roll call vote was taken on the foregoing resolution with the following result:

AYES: Toy, Bahr, White, McCullough, Donovic, Jolly and McIntyre

NAYS: None.

The President declared the resolution adopted.

<i>UNFINISHED BUSINESS ITEM (Regular Meeting of September 9, 2020)</i>
--

Motion by: Toy

Seconded by: Jolly

ROLL CALL:

Ayes: Toy, Bahr, White, McCullough, Donovic, Jolly, McIntyre

Nays: None

Absent: None

COMMITTEE OF THE WHOLE

AUGUST 19, 2020

A Committee of the Whole meeting was held on Wednesday, August 19, 2020 via ZOOM

Committee Members Present:

Council President Kathleen McIntyre
Councilmember Jim Jolly
Councilmember Brandon McCullough
Councilmember Laura Toy
Councilmember Cathy White

Committee Members Absent:

Council Vice President Scott Bahr
Councilmember Rob Donovic

**City Officials and
Others Present:**

Mayor Maureen Miller Brosnan
City Attorney Paul Bernier
Planner Scott Miller
Robert Trenkle, Petitioner
Elizabeth Pizzo, Petitioner

The meeting convened at 7:32 p.m.



1. **CR 402-19** Request from Robert Trenkle and Elizbeth Pizzo, 29568 MacIntyre and Gina Nguyen, 29525 Robert for a proposed lot split and combination of the property located at the Northwest corner of Robert and MacIntyre Avenues, in the Northeast ¼ of Section 35, (29568 MacIntyre, 29551 Robert and 29525 Robert) and to waive the lot depth and area for proposed Parcel 1, and in accordance with the provisions of 1967 PA 288, as amended, as well as Code of Ordinances Section 16.32.030 and Section 18.46 of Ordinance No. 543, both as amended, refer to committee for report and recommendation. (Petition 2019-09-LS-18)

A discussion of the revised proposed lot split was discussed.

The Committee recommends:

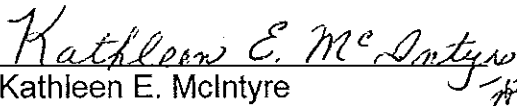
- To receive a file the correspondence from the Assessment Department, dated July 20, 2020, regarding the revised surveys on subject properties for the proposed lot split.
- Adoption of a resolution approving the revised Lot Split presented to Council, Petition 2019-09-LS-18.

Note: This item will be out of committee

This item is to be placed on the **Regular Meeting Agenda of September 9, 2020**

The meeting adjourned at 7:41 p.m.

Respectfully submitted,


Kathleen E. McIntyre
Council President

cc: City Attorney, City Clerk

Department of Assessment

DENNIS WRIGHT
MAYOR

LINDA GOSSELIN
ASSESSOR



33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2220
FAX: (734) 421-7230

July 20, 2020

Honorable Members City Council
City of Livonia, Michigan 48154

SUBJECT: PROPOSED LOT SPLIT (Pet. 2019-09-LS-18 Revised)

TAX ITEM NUMBER: 46 137 01 0305 000 29551 Robert
46 137 01 0306 000 29525 Robert
46 137 01 0307 000 29568 MacIntyre

LOCATION: West of Middlebelt, North of West Chicago.

ADDRESS: 29568 MacIntyre

Dear Council Members,

This office has been requested by Robert Trenkle and Elizabeth Pizzo owners of 29568 MacIntyre and 29551 Robert (Rental), and Gina Nguyen owner of 29525 Robert to split/combine the subject properties according to the attached survey and legal descriptions. Note the surveys have been revised from the initial review at the Regular Meeting on December 16, 2019.

Attached are the responses from the Law, Planning, Engineering, and Inspection Departments with their comments and recommendations.

This approval is being submitted to Council inasmuch as all two (2) parcels would not meet the minimum lot width to depth ratio for the R-U-F Rural Urban Farm zoning.

Respectfully submitted,

Mark Taormina
Planning Director

Todd Zilincik
City Engineer

APPROVED FOR SUBMISSION

Maureen Miller Brosnan, Mayor

PLANNING COMMISSION

MAUREEN MILLER BROSNAN
MAYOR

IAN WILSHAW, Chairman
GLEN W. LONG, JR., Vice Chairman
SAM CARAMAGNO, Secretary
DAVID BONGERO
ELIZABETH McCUE
CAROL A. SMILEY
PETER H. VENTURA



MARK TAORMINA
PLANNING & ECONOMIC
DEVELOPMENT DIRECTOR

SCOTT O. MILLER
PLANNER IV

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2290 FAX (734) 466-2108

DATE: June 25, 2020

TO: Kathie Siterlet, Assessment

FROM: Scott Miller, Planner IV

SUBJECT: Proposed Parcel Split/Combination (Petition 2019-09-LS-18 Revised)
46 137 01 0305 000 (29551 Robert Avenue)
46 137 01 0306 000 (29525 Robert Avenue)
46 137 01 0307 000 (29568 MacIntyre Avenue)

Pursuant to your request, the Planning Department has reviewed the above-referenced lot split application submitted by Robert Trenkle and Elizabeth Pizzo for compliance with the City of Livonia Zoning Ordinance #543, as amended. The following review is based on revisions made to a previous lot split request submitted by the same applicants in 2019. The original lot split petition was reviewed by Council at a Study Meeting held on December 2, 2019 and subsequently placed in the Committee of the Whole with a recommendation that the lot lines be adjusted so as to increase the resulting building setback/

The subject properties consist of Lots 305, 306 and 307 of Bel-Aire Gardens Subdivision. These three (3) contiguous lots are at the southwest corner of Robert and MacIntyre Avenues in the Northeast ¼ of Section 35. The zoning is R-1, One Family Residential, which requires a minimum lot area of 7,200 square feet and minimum lot dimensions of 60 feet in lot width by 120 feet in lot depth.

Like the 2019 request, this proposal would split a section of property from the rear of Lot 305 (29551 Robert Ave.) and combine it with Lot 307 (29586 MacIntyre Ave.). Instead of 35.50 feet (as originally proposed), only 23.50 feet would be split and combined with Lot 307. This change would provide the existing house on Lot 305 (29551 Robert Ave.) with a 24-foot rear yard setback. The previous 2019 request provided a setback of only 12 feet; thus, the revised proposal, although nonconforming, doubles the setback. The minimum required rear yard setback in R-1 is 30 feet. Also, as in 2019, this request includes a small triangular portion in the southwest corner of Lot 306 (29525 Robert Ave.) being split and combined with Lot 305.

As described on the submitted land survey, 29551 Robert Avenue would be reduced to 6,405 square feet in land area, forming **Parcel 1**, and would not meet the minimum lot area or lot

dimensions required in an R-1 zoning district. In the 2019 request, Parcel 1 was reduced to 5,565 square feet in land area and did not meet the minimum lot area or lot dimensions required in an R-1 zoning district. As with the 2019 request, the other two (2) properties, **Parcel 2** and **Parcel 3**, are in compliance with the R-1 lot size regulations.

As proposed, **Parcel 1** fails to comply with the minimum lot width and lot area requirements as established in Section 4.04 of the Zoning Ordinance. Also, as mentioned, the split would result in a deficient rear yard setback for the house at 29551 Robert. Pursuant to Sections 16.32.030(a) and 16.32.110 of the Livonia Code of Ordinances, the minimum lot width and area requirements of Ordinance #543 may be waived or modified by a resolution of City Council, delineating the requirement(s) waived, in which no less than five (5) of the members concur. For a variance to the rear building setback, Zoning Board of Appeals approval is required.

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

TODD J. ZILINCIK, P.E.
City Engineer

DAVID W. LEAR, P.E.
Assistant City Engineer



MAUREEN MILLER BROSNAN
MAYOR

DONALD R. ROHRAFF
Director of Public Works

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2571
FAX: (734) 466-2195

June 24, 2020

Ms. Kathie Siterlet
Assessor's Department
City of Livonia

Re: Lot Split and Combination Request:

137 01 0305 000	#29551 Robert Avenue
137 01 0306 000	#29525 Robert Avenue
137 01 0307 000	#29568 MacIntyre Avenue

Dear Ms. Siterlet:

The Engineering Division of Public Works has reviewed the request in your letter dated June 22, 2020 to combine and split the above referenced parcels.

The legal descriptions included for the proposed parcels appears to be correct with the exception of a couple minor corrections as noted. The corrected descriptions should be used if the split and combinations are approved. Also, the current addresses should be used for the associated resultant parcels.

It should be noted that there are existing sanitary sewer and storm sewer mains, and their associated easements, running along the common property line that will prohibit the construction of any structures or facilities that would require a foundation.

If you have any questions, or need any additional information, please feel free to contact me at (734) 466-2608.

Sincerely,

A handwritten signature in blue ink, appearing to read "D. Lear", is written over a horizontal line.

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

cc: File

Parcel 3

Part of Lots 305 and 306 and all of Lot 307 of BEL-AIRE GARDENS being a sub'n of part of the South ½ of the North ½ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records, described as:

BEGINNING at the Southwest corner of said Lot 307; thence N. 00° 07' 10" E. 115.00 feet along the West line of said Lot 307 to the Northwest corner of said Lot 307; thence S. 89° 52' 50" E. 18.00 feet along the North line of said Lot 307 to the Northeast corner of said Lot 307 also being the Northwest corner of said Lot 305; thence N. 45° 17' 10" E. 23.50 feet along the Northwest line of said Lot 305; thence S. 44° 52' 50" E. 70.00 feet to a point on the Southeasterly line of said Lot 305 said line also being the Northwest line of said Lot 306; thence S. 45° 17' 10" W. ~~30.62 feet~~ 18.62 Feet along said Northwest line of Lot 306; thence S. 33° 42' 21" E. ~~18.62 feet~~ 25.12 Feet to a point on the Southwesterly line of said Lot 306 said line also being the Northeasterly line of said Lot 307; thence S. 44° 52' 50" E. 47.34 feet along said Northeasterly line of Lot 307 to the Southeasterly corner of said Lot 307; thence 91.98 feet along the arc of a curve to the right having a radius of 285.00 feet a central angle of 18° 29' 28" and a long chord bearing S. 80° 57' 07" W. 91.58 feet along the Southerly line of said Lot 307 said line also being the Northerly line of MacIntyre Avenue (60 feet wide); and thence N. 89° 52' 50" W. 28.00 feet along said Southerly line of Lot 307 to the POINT OF BEGINNING. Containing 9847.8 square feet of land, more or less. Subject to any and all easements or rights of way of record, if any.

INSPECTION DEPARTMENT

BUILDING
HEATING
PLUMBING
ELECTRICAL
ZONING
SANITATION
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: July 9, 2020

TO: Kathie Siterlet

FROM: Jerome Hanna

SUBJECT: Lot Split
137-01-0305-000 – 29551 Robert
137-01-0306-000 – 29525 Robert
137-01-0307-000 – 29568 MacIntyre

Pursuant to your request, the Inspection Department has reviewed the proposed lot split made by Robert Trenkle and Elizabeth Pizzo to divide and combine the properties referenced above. All three properties are in the NE ¼ of Section 35 between Fremont and Louise. The three properties are zoned R-1 (Single Family Residential) requiring a lot width of 60 feet, depth of 120 feet which equates to a lot area of 7,200 sq. ft.

The individual parcel analysis is as follows:

PARCEL 137-01-0307-000 (29568 MacIntyre) is irregular in shape and approximately 8,142 sq. ft. There is an existing dwelling with an attached garage.

PARCEL 137-01-0305-000 (29551 Robert) is 70 feet wide and 115 deep, for a lot area of approximately 8,050 sq. ft. There is an existing dwelling with an attached garage.

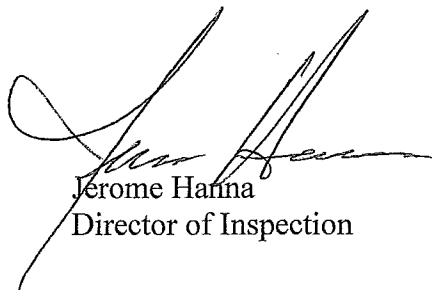
PARCEL 137-01-0306-000 (29525 Robert) is irregular in shape and approximately 10,475 sq. ft. in area with existing dwelling and an attached garage.

Upon the property division and combination, the three parcels (305, 306, 307) become the following:

137-01-0305-000 (29551 Robert) This parcel becomes 70 feet wide and 115.0 feet deep for a lot area of 8,050 sq. ft. This conforms to Ordinance 543 pertaining to lot width and area. Lot depth requirement need not conform if the width and area conform. No current setbacks from the division/combination were provided.

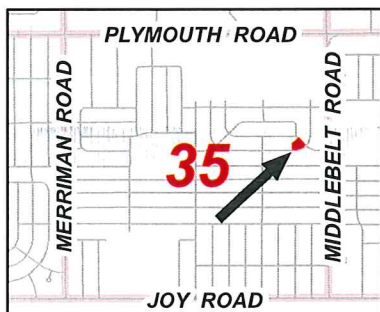
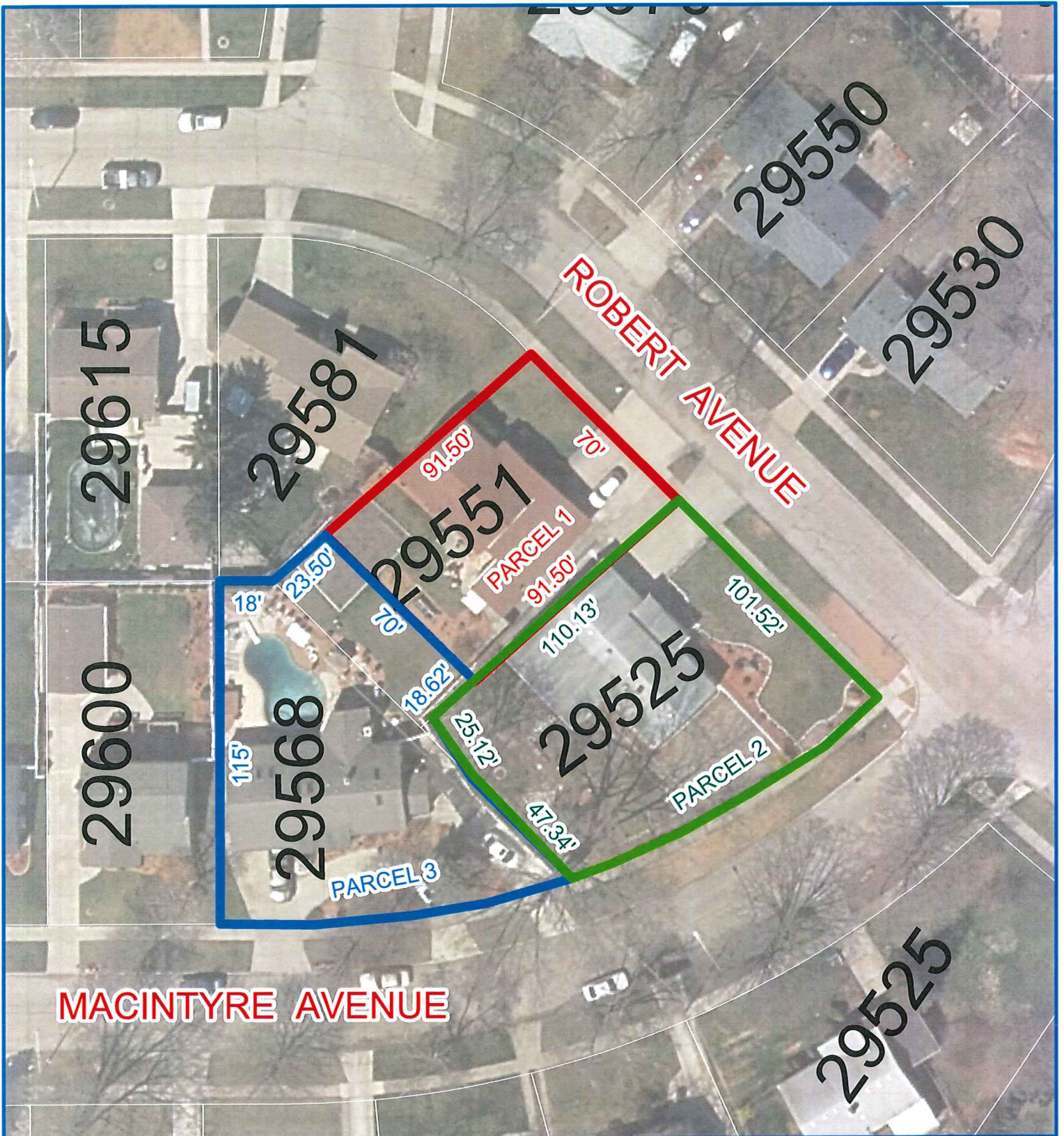
137-01-0306-000 (29525 Robert) This parcel becomes approximately 10,415 sq. ft. which conforms to Ordinance 543 pertaining to lot width and area. Lot depth requirement need not conform if the width and area conform. No current setbacks from the division/combination were provided.

137-01-0305-000 (29568 MacIntyre) This parcel becomes approximately 9,848 sq. ft. which conforms to Ordinance 543 pertaining to lot width and area. Lot depth requirement need not conform if the width and area conform. No current setbacks from the division/combination were provided.



Jerome Hanna
Director of Inspection

JH/kdt



Aerial Map

Petition 2019-09-LS-18 Revised
 Robert Trenkle and Elizabeth Pizzo
 29551 & 29525 Robert Avenue & 29568 MacIntyre Avenue
 Split & Combination

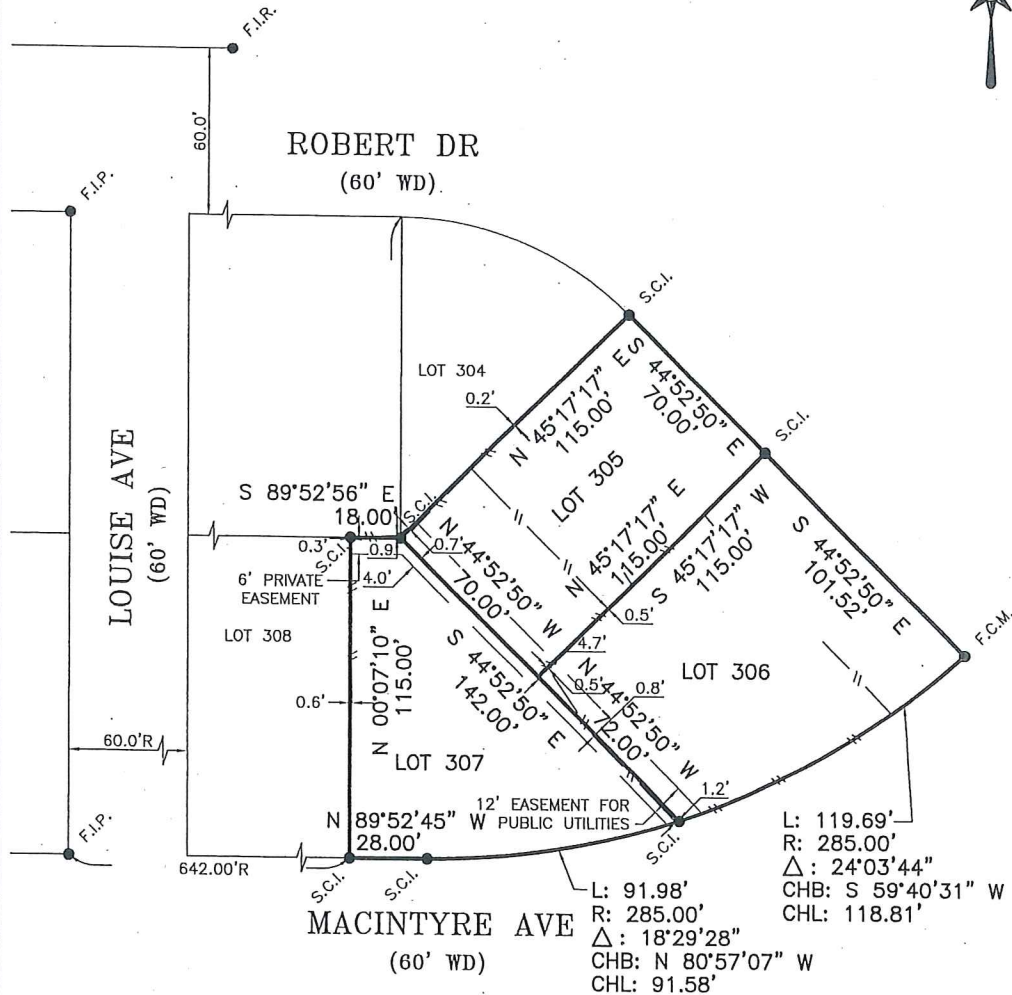


Not to Scale



City of Livonia
 Planning Department

CERTIFICATE OF SURVEY



LEGAL DESCRIPTION

SEE ATTACHED

LEGEND

RECORDED	R.
MEASURED	M.
PRORATED	P.
CALCULATED	C.
SET IRON	S.I.
FOUND IRON	F.I.
FOUND CONC. MON.	F.C.M.
POINT OF BEGINNING	P.O.B.



SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I HAVE SURVEYED AND MAPPED THE LAND ABOVE PLATTED AND/OR DESCRIBED ON 06/28/19 AND THAT THE RATIO OF CLOSURE ON THE UNADJUSTED FIELD OBSERVATIONS OF SUCH SURVEY WAS LESS THAN 1/5000 AND THAT ALL REQUIREMENTS OF P.A. 132 OF 1970 HAVE BEEN COMPLIED WITH.

Greg L. Ash
GREG L. ASH, P.L.S. #28400

GLA SURVEYORS & ENGINEERS

8495 N. TERRITORIAL RD.
PLYMOUTH, MI 48170

PHONE: (734) 416-9650
FAX: (734) 416-9657
www.glasurveyor.com

CLIENT:

LIBBY PIZZO
29568 MACINTYRE
LIVONIA, MI 48150

DATE: 08/17/19
JOB NO.: 3563-305
FILE NO.: 3563-305

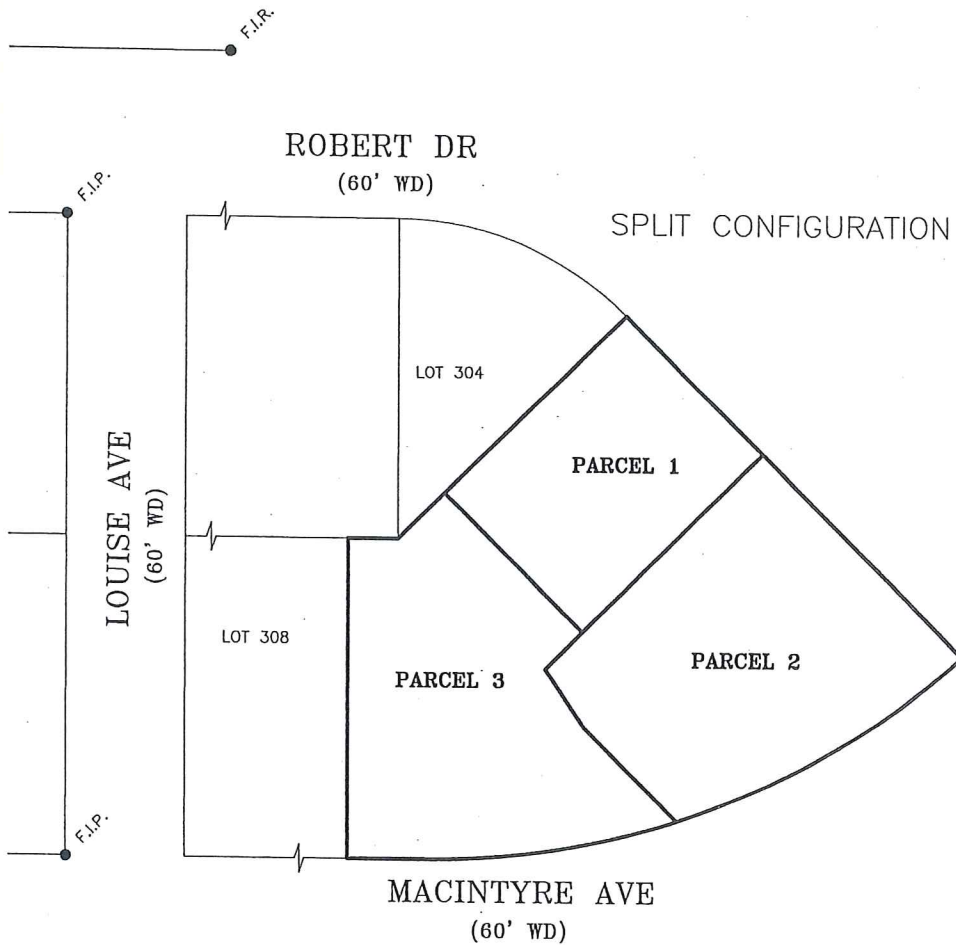
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1" = 50'



SHEET:
1 OF 7

DRAWN BY:
BGW

CERTIFICATE OF SURVEY



LEGAL DESCRIPTION

SEE ATTACHED

LEGEND

RECORDED	R.
MEASURED	M.
PRORATED	P.
CALCULATED	C.
SET IRON	S.I.
FOUND IRON	F.I.
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CLIENT:
LIBBY PIZZO
29568 MACINTYRE
LIVONIA, MI 48150

DATE: 08/17/19
JOB NO.: 3563-305
FILE NO.: 3563-305

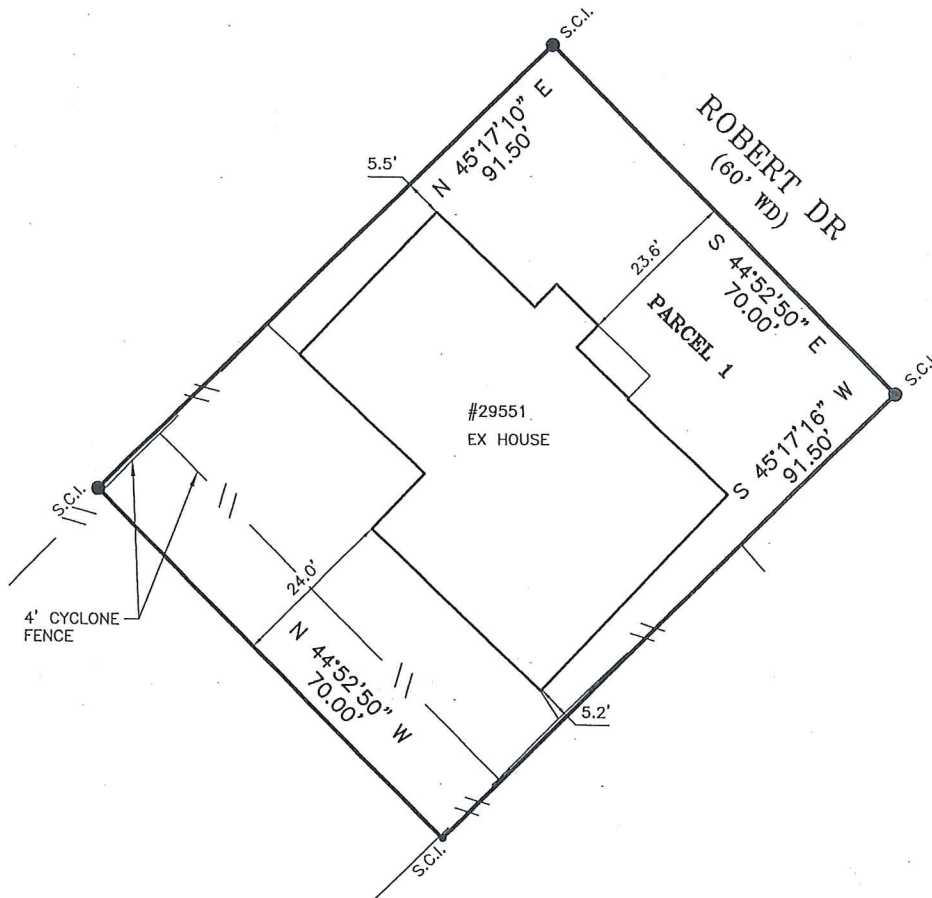
SCALE: 1" = 50'
0' 50' 100'

SHEET:
2 OF 7

DRAWN BY:
BCW

05/26/2020 ALTER LOTS

CERTIFICATE OF SURVEY



LEGAL DESCRIPTION

SEE ATTACHED

LEGEND

RECORDED	R.
MEASURED	M.
PRORATED	P.
CALCULATED	C.
SET IRON	S.I.
FOUND IRON	F.I.
FOUND CONC. MON.	F.C.M.
POINT OF BEGINNING	P.O.B.



SURVEYOR'S CERTIFICATE

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CLIENT:

LIBBY PIZZO
29568 MACINTYRE
LIVONIA, MI 48150

DATE: 08/17/19
JOB NO.: 3563-305
FILE NO.: 3563-305

SCALE: 0' 20' 40'
1" = 20'

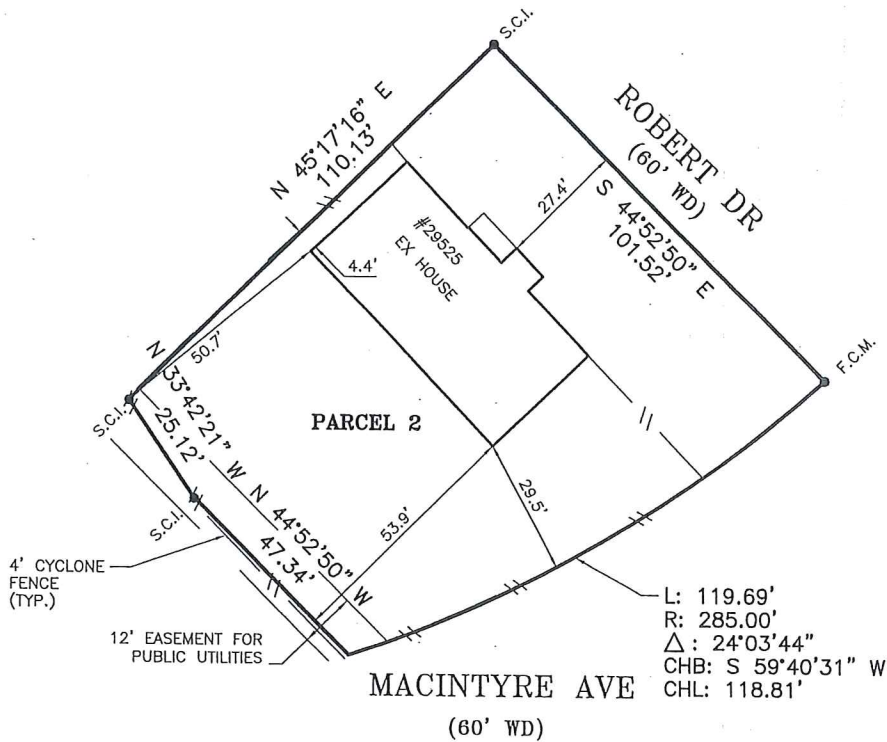


SHEET:
3 OF 7

DRAWN BY:
BCW

05/26/2020 ALTER LOTS

CERTIFICATE OF SURVEY



LEGAL DESCRIPTION

SEE ATTACHED

LEGEND

RECORDED	R.
MEASURED	M.
PRORATED	P.
CALCULATED	C.
SET IRON	S.I.
FOUND IRON	F.I.
FOUND CONC. MON.	F.C.M.
POINT OF BEGINNING	P.O.B.



SURVEYOR'S CERTIFICATE

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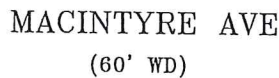
CLIENT:
LIBBY PIZZO
29568 MACINTYRE
LIVONIA, MI 48150

DATE: 08/17/19
JOB NO.: 3563-305
FILE NO.: 3563-305

SCALE: 1" = 30'

SHEET:
4 OF 7

DRAWN BY:
BGW



SEE ATTACHED

RECORDED	R.
MEASURED	M.
PRORATED	P.
CALCULATED	C.
SET IRON	S.I.
FOUND IRON	F.I.
FOUND CONC. MON.	F.C.M.
POINT OF BEGINNING	P.O.B.



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CLIENT:
LIBBY PIZZO
29568 MACINTYRE
LIVONIA, MI 48150

DATE: 08/17/19
JOB NO.: 3563-305
FILE NO.: 3563-305

SCALE: 0' 30' 60'

1" = 30'



SHEET:
5 OF 7

DRAWN BY:
BGW

Page 292 of 335

**Existing
Parcel 1**

Lot 305 of BEL-AIRE GARDENS being a sub'n of part of the South ½ of the North ½ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records.

Parcel 2

Lot 306 of BEL-AIRE GARDENS being a sub'n of part of the South ½ of the North ½ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records.

Parcel 3

Lot 307 of BEL-AIRE GARDENS being a sub'n of part of the South ½ of the North ½ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records.

**New Parcels
Parcel 1**

The Northeasterly 91.50 feet of Lot 305 of BEL-AIRE GARDENS being a sub'n of part of the South ½ of the North ½ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records. Containing 6405 square feet of land, more or less.

Parcel 2

Part of Lot 306 of BEL-AIRE GARDENS being a sub'n of part of the South ½ of the North ½ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records, described as:

BEGINNING at the Northerly corner of said Lot 306; thence S. 44° 52' 50" E. 101.52 feet along the Northeasterly line of said Lot 306 said line also being the Southwesterly right of way line of Robert Drive (60 feet wide) to the Easterly corner of said Lot 306; thence 119.69 feet along the arc of a curve to the right having a radius of 285.00 feet a central angle of 24° 03' 44" and a long chord bearing S. 59° 40' 31" W. 118.81 feet along the Southerly line of said Lot 306 said line also being the Northerly right of way line of MacIntyre Avenue (60 feet wide) to the Southwesterly corner of said Lot 306; thence N. 44° 52' 50" W. 47.34 feet along the Southwesterly line of said Lot 306; thence N. 33° 42' 21" W. 25.12 feet to a point on the Northwesternly line of said Lot 306; and thence N. 45° 17' 16" E. 110.13 feet along said Northwesternly line of Lot 306 to the POINT OF BEGINNING. Containing 10,414.5 square feet of land, more or less. Subject to any and all easements or rights of way of record, if any.

Parcel 3

Part of Lots 305 and 306 and all of Lot 307 of BEL-AIRE GARDENS being a sub'n of part of the South ½ of the North ½ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records, described as:

BEGINNING at the Southwest corner of said Lot 307; thence N. 00° 07' 10" E. 115.00 feet along the West line of said Lot 307 to the Northwest corner of said Lot 307; thence S. 89° 52' 50" E. 18.00 feet along the North line of said Lot 307 to the Northeast corner of said Lot 307 also being the Northwesterly corner of said Lot 305; thence N. 45° 17' 10" E. 23.50 feet along the Northwesterly line of said Lot 305; thence S. 44° 52' 50" E. 70.00 feet to a point on the Southeasterly line of said Lot 305 said line also being the Northwesterly line of said Lot 306; thence S. 45° 17' 10" W. 30.62 feet along said Northwesterly line of Lot 306; thence S. 33° 42' 21" E. 18.62 feet to a point on the Southwesterly line of said Lot 306 said line also being the Northeasterly line of said Lot 307; thence S. 44° 52' 50" E. 47.34 feet along said Northeasterly line of Lot 307 to the Southeasterly corner of said Lot 307; thence 91.98 feet along the arc of a curve to the right having a radius of 285.00 feet a central angle of 18° 29' 28" and a long chord bearing S. 80° 57' 07" W. 91.58 feet along the Southerly line of said Lot 307 said line also being the Northerly line of MacIntyre Avenue (60 feet wide); and thence N. 89° 52' 50" W. 28.00 feet along said Southerly line of Lot 307 to the POINT OF BEGINNING. Containing 9847.8 square feet of land, more or less. Subject to any and all easements or rights of way of record, if any.

Regular Meeting Minutes of December 16, 2019

LOT SPLIT

Petition 2019-09-LS-18
(Robert Trenkle, Elizabeth Pizzo and Gina Nguyen)
Proposed lot split and combination of the property located at the Northwest corner of Robert and MacIntyre Avenues (29568 MacIntyre, 29551 Robert and 29525 Robert) and waive the lot depth and area for proposed Parcel 1.
(Refer to Committee of the Whole)

#402-19 RESOLVED, that having considered a communication from the Department of Assessment, bearing the signatures of the Planning Director and the City Engineer, dated November 11, 2019, approved for submission by the Mayor, regarding a request from Robert Trenkle and Elizabeth Pizzo, 29568 MacIntyre, Livonia, MI 48150 and Gina Nguyen, 29525 Robert, Livonia, MI 48150 for a proposed lot split and combination of the property located at the Northwest corner of Robert and MacIntyre Avenues, in the Northeast ¼ of Section 35, (29568 MacIntyre, 29551 Robert and 29525 Robert) and to waive the lot depth and area for proposed Parcel 1, and in accordance with the provisions of 1967 PA 288, as amended, as well as Code of Ordinances Section 16.32.030 and Section 18.46 of Ordinance No. 543, both as amended, the Council does hereby determine to refer this item to the Committee of the Whole for its report and recommendation.

DECEMBER 16, 2019

CONSENT AGENDA ITEMS *(Regular Meeting of December 16, 2019)*

Motion by: Jolly

Seconded by: McIntyre

ROLL CALL:

Ayes: White, McIntyre, Meakin, Jolly, Kritzman, Bahr and Toy

Nays: None

Absent: None

Transaction Statement

NEW DATA FOR REGULAR
MEETING OF 12/16/2019 - ITEM 3

Service Address

29525 ROBERT
LIVONIA, MI 48150

Mailing Address

Occupant - 29525 ROBERT
29525 ROBERT
LIVONIA, MI 48150

Account Number

012409800-001

Amount Due

\$0.00

Account Number

012409800-001

From - Through

01/01/2019 - 12/16/2019

Services

Water & Sewer - Metered

Service Address

29525 ROBERT
LIVONIA, MI 48150

Beginning Balance

\$314.66

Date	Type	Amount	Description
01/15/2019	Bill	\$141.85	Due Date 02/11/2019
02/14/2019	Penalty	\$45.66	
02/19/2019	Payment	(\$502.17)	Check
04/16/2019	Bill	\$141.85	Due Date 05/10/2019
05/15/2019	Penalty	\$14.19	
07/17/2019	Bill	\$126.84	Due Date 08/09/2019
08/13/2019	Penalty	\$28.29	
10/17/2019	Bill	\$350.01	Due Date 11/08/2019
11/14/2019	Penalty	\$66.12	
12/05/2019	Payment	(\$727.30)	Check

Total Due

\$0.00

Transaction Statement

Account Number

012409800-001

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD DECEMBER 2, 2019**

Meeting was called to order at 8:09 p.m. by President Laura Toy. Present: Brandon Kritzman, Scott Bahr, Kathleen McIntyre, Brian Meakin, Jim Jolly, Brandon Kritzman and Laura Toy. Absent: Cathy White.

Elected and appointed officials present: Mark Taormina, Director of Planning and Economic Development; Todd Zilincik, City Engineer; Paul Bernier, City Attorney; Susan M. Nash, City Clerk; Casey O'Neil, Director of Information Systems; Ted Davis, Superintendent of Parks and Recreation; Dave Heavener, Fire Chief; Doug Moore, Assistant Superintendent of Public Service; and Dave Varga, Director of Administrative Services.

4. REQUEST FOR COUNCIL APPROVAL ON A PROPOSED LOT SPLIT: Department of Assessment, re: for the property located at the Southwest corner of Robert and MacIntyre Avenues, in the Northeast $\frac{1}{4}$ of Section 35, (29568 MacIntyre, 29551 Robert and 29525 Robert) and to waive the property depth-to-width ratio for these properties.

Mark Taormina, Director of Planning and Economic Development, presented this request to Council. He stated this is a lot split and combination request, it involves three platted lots of record that are located at the corner of Robert and MacIntyre Avenues. The three contiguous properties include Lot 305, 306 and 307 at Bellaire Garden Subdivision. The zoning is R-1, One Family Residential, and all three lots contain developed single family homes. The proposal would split 35.5 feet from the rear of Lot 305, which is located at 29551 Robert Avenue and combine it with the rear of Lot 307, which is 29586 MacIntyre, to create a new parcel.

So this map shows you what the three adjoining parcels look like today. This print superimposed on an aerial photograph and you'll see the three parcels are now identified as Parcel 1, Parcel 2 and Parcel 3. The 35 feet being added to Parcel 3, is being provided at the rear of Parcel 1 as you can see from this plan.

The area of 29551 Robert Avenue would be reduced to approximately 5,565 square feet. This is the one that's referred to as Parcel 1 on the survey and this does not meet the R-1 lot area requirements which is 7,200 square feet. Additionally, this will create a deficiency with respect to the rear yard setback of the house on Parcel 1.

Per Chapter 16 the Council can waive the minimum lot area requirement, that does require no fewer than five affirmative votes. For the setback deficiency a variance is going to be needed from the Zoning Board of Appeals. Parcels 2 and 3 are in

compliance with the R-1 lot size requirements per this plan. And that's a summation of the proposal.

Councilmember McIntyre inquired what the New Data was on this item. President Toy responded there is an outstanding water bill.

Robert Trenkle, 29525 Robert, came to the podium and stated it is paid automatically, an automatic deduction.

President Toy stated Trenkle might want to check with the Treasurer's Office as it shows a balance.

Vice President Jolly stated that how they do things in the City when there is an outstanding amount due to the City, we make sure to bring that up when there's something pending. So, number one, please check with the Water Department with regards to the balance. He said the graphic says it all and he doesn't think it makes any sense from, even if this would work for the people who live in these houses right now, it absolutely will be detrimental to property values going forward. This would have never been approved like this when these homes were built and I don't think they should be approved like this now with what is proposed. You're essentially creating a house with almost no backyard next to other houses that do have backyards and an odd lot. With all due respect, this isn't at all how we do things in the City or to my knowledge have ever done things in the City.

Councilmember McIntyre stated she would have to hear extremely compelling reasons as to why we should create a nonconforming spot. We look to correct nonconforming properties to make them conforming and we're going in the opposite direction here. So it would be like Mr. Jolly, an extremely high bar for me to understand why we would want to do this.

Councilmember Bahr stated he concurred but just had to ask because he's intrigued, he's looking at it on Google Maps, who lives on MacIntyre Street?

Trenkle replied he lives on MacIntyre, that he owns both these properties.

Bahr said it's a beautiful set-up and it looks like you've already got a fence installed and Trenkle replied everything has been as it is for the last fifteen or more years.

Councilmember Bahr said good for you, that you've got such a great relationship with the resident, which is your daughter, I understand?

Trenkle replied his daughter is next to him on the other side that's not involved.

Bahr went on to state he doesn't see this making sense from a City perspective and as long as Trenkle resides there it looks like he's got a great set-up, but unfortunately you're at a lot of risk if that house on Robert ever sells and he would

concur with his colleagues, it doesn't make sense to do this lot split but in the meantime he's glad he's enjoyed it for fifteen years and he hopes he continues to because that looks beautiful.

President Toy called the Petitioner to the podium.

Robert J. Trenkle, 29568 MacIntyre, came to the podium with Gina Nguyen, 29525 Robert Drive and Elizabeth Pizzo, 29600 MacIntyre, and co-owner of 29551 Robert Drive.

Trenkle stated he would like to give a little background and history. He has been in his location for nineteen years, he was renting initially, some of these things happened, these divisions, long ago and we thought they were amicable while everybody was involved. The person who previously lived in Nguyen's home died unfortunately, and prior to his death he gave me a parcel of land, a little tiny space, that shows the angle from heading into Parcel 2 which is her property now, so we were able to get heavy equipment into the backyard to do a lot of the things that we did. It gave us the opportunity to put a 6-foot fence or gate there to get into the property. And that pool has been there for many, many years, but Corey Berniac was the person who resided at 29551 Robert Drive. And at one point in time he and his sister I thought were the only owners and they sold me a long time ago for \$8,000 half of the back, about that 35 feet, I guess, and I was going to buy the entire property. At some point in time the property went into foreclosure, I was supposed about it immediately but wasn't told and another investor got it before me, he owned it for about three days and I paid an extra \$10,000 so there wouldn't be any problems legally about me owning half of his backyard. So then I put probably \$200,000 above and beyond what I paid for this property into the property, I probably had twenty people who wanted to purchase that lot and that home. It was a small lot because there are a lot of older people who don't want a lot of property. You have other properties in Livonia that do have very small setbacks in other subdivisions. And I'm not trying to say I understand, Mr. Taormina told me before about the 110 for the setback. But as far as everybody in the neighborhood is concerned, they know how well we take care of the property and how well things are and I don't think it's anything detrimental to the City by any stretch of the imagination. I believe I could sell that house, the short Number 1, for \$250,000 tomorrow if I wanted to to an elderly couple or many elderly couples have come by. They've got a first floor laundry in there. Everything in the property is top of the line. I believe by the sale of that property it would make other properties even more valuable in Livonia but I'm not intending on selling it at this moment. Actually, Gina's mother who lives in Vietnam, they want to purchase the house and live next door to her, they're an elderly couple that don't want the stairs and all that. But I have put two egress windows in the basement to make it – there's nothing I haven't done to that house to make it much more exclusive. But as I said already, it's my fault that this went on this long, I probably didn't even realize that I was doing anything wrong considering it was all my property until I think, Mr. Taormina, when I came to him and showed him what I was intending on

proposing to the Council, but as I said this has been something that has been this way for many, many years and I was told I had to show a hardship. Well, the hardship is that my lot and my pool and the deck around that encroach on the lot that's the smaller lot. And again, back then, paying thousands of dollars for pools and all that, had no idea that it was going to be a conflict, again, not understanding zoning ordinances and laws. But I have done everything to make Livonia better. I've got an application for a variance that was going to go to the Zoning Board that pretty much talks about how everyone in that neighborhood really likes what we have done and I would assume that real estate taxes would be more on my larger property, and I don't care if you even kept the other the same. In fact, the one of Robert Drive is about \$500 more a year than mine because of all the extra improvements. But I have no problem with all of that, I want to make Livonia better.

Vice President Jolly stated he doesn't think Trenkle is a bad guy, he doesn't think he intentionally did anything wrong. But when he looks at this from a City perspective, it's Council's job to have the planning in place and to make sure that homes are of a certain caliber and it means more than just the physical appearance and upkeep of the house. It means that there is conformity from house to house in a neighborhood. Honestly, I appreciate that this may have happened over time and you thought you were doing right the entire time, this is not in the best interest of the City, it's not in the best interest of future homeowners in any of the three houses that are identified up there to be honest with you. When people move into a residential neighborhood they expect it to be alike in a matter of ways, right? And one of the reasons why Livonia is so highly sought after and ranked in these national lists of most desirable zip codes and stuff like is because we don't let people do whatever they want to do even if it seems like they were doing the right thing at the time. You know, I look at this and it seems like, although you've paid money for purchasing some degree of the backyard there, I hope you've consulted with an attorney in regard to real estate law and property rights because I think at some point whether it's now or in the future, you're going to have to deal with that. But from the City's perspective there is a simple solution, that the property line remains as it originally was, at least in terms of the parcels. Leaving Parcels 1, 2 and 3 as they initially were. And you know if you're using it in this way at this time, I don't necessarily think they will be stopping you, right?

Trenkle stated he understands that.

Vice President Jolly continued by saying if you want to go forward and completely alter this for the future, he can't support.

Trenkle replied that he understands Jolly's position in a way, but he believes Jolly is misjudging a lot of things based on a difference of a property line. If you look at the property directly behind me, it's not marked, but the one behind Parcel – whatever the largest one, mine is, directly behind that there's a 110 foot setback is one and only one inch behind that place. It's a pie-shaped lot, she's got 110 feet. That parcel is not much bigger than the parcel that I have reduced the size of

and mine is in a triangle and hers is in a pie and there is very little difference. And so when you're talking about having the same kinds of situations, I had a house in Novi where the guy next to me had a pie-shaped lot, it was probably 2,000 square feet less than mine, he paid maybe \$10,000 less than the property before we built it. These are not exactly the same but I'm saying you talk about a detriment. If in fact, I'm 74 years old, I'm going to die maybe tomorrow, maybe twenty years from now, you never know. But that's why another reason I wanted to come here and make sure we could get this thing done and past so I don't have to leave this with my children and have them have the problem. But if in fact I have to go back to the actual original, as I said, you look at my pool, that deck encroaches on the back half of the other lot, the lot on Robert. And there isn't any human being that I've seen come by my property and not want to buy any of those, including her, she's maintained hers tremendously well, too. But I'm encroaching on her property, so if that didn't pass, that's another fence that has to be torn down. If I don't get the approval of the Council, I will eventually have to tear another fence down, and it's at least 3 to \$6,000 to move it back on half of my deck and it will make no value better to anybody. It will actually decrease the value. The way it's situated right now, the City will have more dollar value than any other way, even though you don't see it that way, I think you're wrong.

Vice President Jolly stated they spend a lot of time when they're building new neighborhoods, right, and I presume somebody spent a lot of time looking at this plan back in the day when these houses were originally developed. I don't think this is in the long term best interest for that neighborhood or any future –

Trenkle asked where the detriment lies.

Vice President Jolly asked Taormina what the property is zoned as and he replied R-1. Jolly continued saying it's already zoned R-1 which is the lowest zoning for residential neighborhood in terms of the smallest lot sizes, and then this significantly makes that smaller. Our zoning goes 1, 2, 3, 4, 5, then R-U-F. This is the lowest zoned residential lot to begin with. And then you want to take away the bulk of the backyard from that. I'm not trying to give you a hard time.

Trenkle replied he knows that; he understands Jolly's just doing his job.

Jolly said that from a long term perspective I would suggest that you have to figure out some other answer that is not asking us to approve this proposed parcel split as you've indicated. Because I think from a long term City perspective, future owners, future residents, it doesn't make sense.

Trenkle said if someone likes that size lot, how can that be detrimental? You have other subdivisions, I was told not to bring this up, it has no bearing, but you have other subdivisions that have less backyard, less square footage off of Ann Arbor Trail than this lot I'm proposing. But that's got all the lots small like that, I understand that. But if somebody wants to buy a house or whatever, they're

looking at that house, that property, and that's what they want to purchase. For example –

Jolly said let's not get too far down here because I'm about done and I think you've made your point. I'll just leave you with this, and I'll leave everybody else who's listening to this watching at home, what if everybody did this? What if five people did this, what if ten people did this in different houses and then the zoning becomes all for naught. That's just it. I can't give you my support. Mr. Bahr, I believe has the floor.

President Toy replied yes, he does.

Councilmember Bahr stated first of all, you seem like a great guy, frankly, all three of you seem like great people, you're the type of people we want in Livonia. This is the type of neighbor relationship we want in Livonia. There's a lot of things about this that's really good. What you've done to your house to improve the property is the type of thing we want in Livonia. I think the lot that you have here is extremely attractive and I do believe that, I mean I think you're right, there are people that would take a house like that one with the small yard, I get all that. There is a solution for you and the solution is you continue to own both lots. I mean I know other people in Livonia that own double lots and have fenced around them as if they're one yard. I mean that is the way to make it happen, that's essentially what you've done. And you know, long term, I'm not a lawyer, I don't know what the legal ramifications are but I imagine you could sell those two properties together if somebody wanted to. So there is a solution around this but from a long term planning perspective of the City, it just flat out doesn't make sense. Again, with all due respect to you, and thank you for explaining this, you've been very competent and polite and I just appreciate you being here tonight. But with everything we talked about, I think we need to move forward with this. I'm going to offer a denying on this and I'll offer that for Consent, if there's no objection.

Councilmember Kritzman stated if this did come back to us, I wouldn't be on Council at that point, my term is up at the end of the year, but I look at it and I say alright, maybe there's a middle ground between what you're talking about. I mean you have stuff that's already installed and in place, I'm not going to get into the legal ramifications of how that occurred and what not, because I would not be the expert in that case. But I too think your solution is too far reaching, it leaves that property on Robert with virtually no backyard whatsoever, almost an unsafe condition. Knowing that, is there an opportunity to take less, is there some proportion of Parcel 1 that could remain that would allow that parcel to still maintain the requirements and characteristics listed in R-1, instead of taking it so far as putting it into a nonconforming situation. And I think the only reason that has merit is because this is a unique situation where the roads bend and they come to a point. We're not talking about a block that has homes on each side, and has a corner/corner situation. This is, you've got both roads curving and coming to a 90 degree, you have some weird spots in there. You have these pie shaped elements

already so I think there is some bit of merit to some configuration in there that's nontraditional and maybe a little less nonlinear. But I think your proposal as it stands currently is too far reaching.

Trenkle stated he certainly would be amenable to something that wouldn't encroach on my pool, but it still wouldn't conform to your 110 foot setback, so Mr. Taormina would maybe have something to say about that.

Kritzman replied that's something that would have to be worked out with a surveyor and an engineer, someone who could look at the geometry of the property.

Trenkle stated all the surveys have been done and that's where all these figures came from, the surveyor that I paid to do surveys for three properties, it cost \$2,100 but no, I appreciate that, sir, that there is a possible opportunity just to move that back a bit.

Vice President Jolly said what Kritzman suggests makes sense. Parcel 1, how you have the red lines so close to the house, move that line a lot closer to the pool, as close as possible, that still leaves you the situation that you want. What he's trying to say and he's saying it a lot more eloquently than I am, you've taken too much of Parcel 1 and incorporating it into Parcel 3. It would have to be far less significant and then it would be something that would be palatable and something that we could work with.

Trenkle said he doesn't know if you can see it on the picture but the square, the rectangle there, that's a garden that we cultivate things on but if we could make it halfway back, which I think it's 35 feet back, if we went in the middle at 17 feet, that should be what you're suggesting.

Jolly said what he would say looking at this, is if you took the edge of the garden that is as close to your house as possible, and ran the lines straight down from there because that still gives you the little bump out of the patio, or whatever that is there, but it leaves intact a significant enough piece of the backyard of Parcel 1 where that would be something that I think would be agreeable.

President Toy asked to show where 120 is depicted on the picture on Parcel 1 and Taormina replied by saying he thinks what she is referring to is the lot depth, and the parcel, as I understand the survey, is deficient as it exists today. You'll see the dimension of 115 feet, so what makes this lot conforming is it has the additional 10 feet of width. So, changing the split as was suggested to send points just east of some of those improvements that you're referring to, I think it's the patio, it will still result in a deficient lot depth that would require Council's approval. The lot area may be complied there, I'm not sure, we'd have to do the math on that. But that would reduce the amount of deficiency substantially. The question is their willingness to compromise that much. The other thing there is that would more than meet the rear yard setback requirement for the house on Parcel 1 which

I believe must be 30 feet. Now they're showing 12 feet with this picture, moving that back at least 18 feet would comply with that.

President Toy asked Trenkle if he understood what Taormina just said and Trenkle replied he thinks so that his lot is a pie-shaped lot, too, the one that he lives in, and he thinks that's 8 feet or whatever, that's what he's saying, that would make the back 30 foot, sure.

President Toy asked if he was amenable to that and Trenkle replied in the affirmative.

Councilmember Bahr asked Bernie and Taormina if Trenkle were to pursue that, does he modify the current lot split or do we handle this one and he submits a new petition; what's the best way for him to go through that process?

Taormina replied he would actually submit a revised survey for consideration at the next meeting or whenever you decide to postpone this.

Bahr asked in Trenkle's best interest to explore that, does he need to withdraw his motion and Toy replied yes, that he made the motion for a denying on Consent, did he want to change that?

Bernier stated if you are considering doing this, you might want to put it into the Committee and have them come up with new plans, that's probably the best way.

Bahr said let's do that.

President Toy indicated to Trenkle to draw some new plans; this item will be sent to the Committee of the Whole.

Councilmember Bahr offered to send the item to Committee of the Whole for the Consent Agenda.

Bernier confirmed that Bahr withdrew his original direction and Bahr replied in the affirmative.

Councilmember McIntyre reminded Trenkle to be sure and get the water bill issue resolved.

President Toy opened the floor for comments from the public.

Bill Schmidt, 29688 McIntyre, came to the podium. He stated he lives down the street from the Trenkles and that they are very nice people. They keep their house and property up beautifully. The suspect house on Robert was a wreck until they bought. It was a really a wreck on the inside, there was mold, it was a terrible house. They bought it, they improved it, it's a showplace. These folks have done

marvelous things to the neighborhood and to their properties and anybody who lives near them just basks in their reflected glory. He urged everyone to swing on by and take a look at what they did.

DIRECTION:

COMMITTEE OF THE WHOLE

CONSENT



NEW DATA RECEIVED AT STUDY
MEETING OF 12/02/2019 - ITEM 4

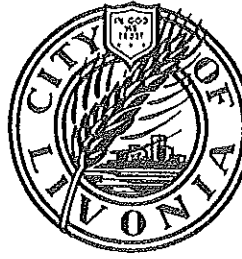




DEPARTMENT OF FINANCE

Michael T. Slater
DIRECTOR OF FINANCE

Connie Kumpula
CHIEF ACCOUNTANT



DENNIS K. WRIGHT
MAYOR

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2260
FAX: (734) 421-1807

November 26, 2019

Honorable Members of the City Council
City of Livonia, Michigan

RE: Delinquent Water and Miscellaneous Bill Balance

Dear Council Members:

The Department of Finance has a policy of reviewing the Meeting Agendas for petitioners who have a delinquent balance owing to the City.

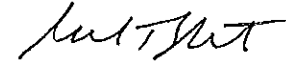
A review of the Council Study Meeting Agenda of December 2, 2019 shows there is a request from Robert Trenkle, Elizabeth Pizzo and Gina Nguyen, to split the lot located at the Southwest corner of Robert and MacIntyre Avenues, in the Northeast ¼ of Section 35, (29568 MacIntyre, 29551 Robert and 29525 Robert) and to waive the property depth-to-width ratio for these properties. The building located at 29525 Robert has a delinquent water bill.

<u>Agenda Item #</u>	<u>Name of Petitioner</u>	<u>Description</u>	<u>Amount due</u>
4	Robert Trenkle, Elizabeth Pizzo and Gina Nguyen	Water Bill	\$727.30

Approved for Submission


Dennis K. Wright
Mayor

Very truly yours,


Michael T. Slater
Director of Finance

MTS: jw
Attachment

cc: Mayor, City Clerk, Accounting, Petitioner

19 DEC -2 PM 1:40
RECEIVED
CITY COUNCIL OFFICE

Transaction Statement

NEW DATA FOR STUDY MEETING
OF 12/02/2019 - ITEM 4

Service Address

29525 ROBERT
LIVONIA, MI 48150

Mailing Address

Occupant - 29525 ROBERT
29525 ROBERT
LIVONIA, MI 48150

Account Number

012409800-001

Amount Due

\$727.30

Account Number

012409800-001

From - Through

04/16/2019 - 11/26/2019

Services

Water & Sewer - Metered

Service Address

29525 ROBERT
LIVONIA, MI 48150

Beginning Balance

\$0.00

Date	Type	Amount	Description
04/16/2019	Bill	\$141.85	Due Date 05/10/2019
05/15/2019	Penalty	\$14.19	
07/17/2019	Bill	\$126.84	Due Date 08/09/2019
08/13/2019	Penalty	\$28.29	
10/17/2019	Bill	\$350.01	Due Date 11/08/2019
11/14/2019	Penalty	\$66.12	

Total Due

\$727.30

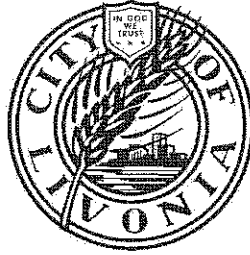
Transaction Statement

Account Number

012409800-001

SUSAN M. NASH
CITY CLERK

OFFICE OF THE CITY CLERK



33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2230
FAX: (734) 421-1147

LORI L. MILLER
DEPUTY CITY CLERK

November 14, 2019

Mr. Robert Trenkle and
Ms. Elizabeth Pizzo
29568 MacIntyre
Livonia, MI 48150

Subject: Proposed Lot Split (Petition 2019-09-LS-18)
Tax Item No.: 46 137 01 0305 000 29551 Robert
46 137 01 0306 000 29525 Robert
46 137 01 0307 000 29568 MacIntyre

Dear Mr. Trenkle and Ms. Pizzo:

Enclosed is a copy of an informational sheet regarding lot splits and the posting of a sign(s) to notify the adjacent property owners of a proposed lot split and/or combination. Ordinance No. 2222, as amended by Ordinance No. 2604, requires the applicant to erect a sign(s) on the property that is to be divided and/or combined.

The signs are available in the City Clerk's Office and are to be erected on the property **at least seven (7) full days prior to the date of the City Council Meeting**. The **deadline for the next Study Meeting is noon on Friday, November 22, 2019**; therefore, you must come in to purchase the signs or let me know that you are making your own signs before that time. There is a fee of \$25.00 for each sign that is required. This matter is **tentatively scheduled for the Study Meeting of Monday, December 2, 2019, pending the posting of the sign(s) on or before November 25, 2019.**

If you have any questions regarding this matter, please call me at 734-466-2236.

Sincerely,

Lori L. Miller
Deputy City Clerk

Enclosure

xc: City Council; City Assessor; Planning Department; Chief Accountant; Department of Law; Engineering Division; File

P.S. If you are planning to post a previously purchased sign or to make your own sign, please call to advise me.

Department of Assessment

DENNIS WRIGHT
MAYOR

LINDA GOSSELIN
ASSESSOR



33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2220
FAX: (734) 421-7230

November 11, 2019

Honorable Members City Council
City of Livonia, Michigan 48154

SUBJECT: PROPOSED LOT SPLIT (Petition 2019-09-LS-18)

TAX ITEM NO: 46 137 01 0305 000 29551 Robert
46 137 01 0306 000 29525 Robert
46 137 01 0307 000 29568 MacIntyre

LOCATION: West of Middlebelt, North of West Chicago

Dear Council Members:

This Department has been requested by Mr. Robert Trenkle and Elizabeth Pizzo owners of 29568 MacIntyre and 29551 Robert (rental), and Gina Nguyen owner of 29525 Robert to split/combine the subject properties according to the attached survey and legal descriptions.

Attached are the responses from the Law, Planning, Engineering, and Inspection Departments with their comments and recommendations.

This proposal is being submitted to Council inasmuch as Parcel 1 Lot 305 at 29551 Robert, would not meet the minimum lot area or lot dimensions required in the R1 zoning.

All taxes are current for each parcel.

Respectfully submitted,

Mark Taormina
Planning Director

Todd Zilincik
City Engineer

APPROVED FOR SUBMISSION:

Dennis Wright, Mayor

DEPARTMENTAL CORRESPONDENCE
DEPARTMENT OF LAW

October 22, 2019

TO: Mary Ciolino, Property Appraiser II

FROM: Michael E. Fisher, Chief Assistant City Attorney *MEF*

SUBJECT: Your October 21, 2019 Memorandum Regarding 29551 Robert (Sidwell No. 46 137 01 0305 000), 29525 Robert (Sidwell No. 46 137 01 0306 000), and 29568 MacIntyre (Sidwell No. 46 137 01 0307 000)

Thank you for this interesting question. The proposed split probably should not be undertaken because it involves creating nonconformities where none existed before. The lots in question are already occupied by homes, so the split is not necessary to promote development. As proposed, the split would create a "runt" lot with tight setbacks on all sides and a suspicion that the lot coverage limitation on this lot would be violated immediately on approval of the proposed split. With all the drawbacks to this proposal, it is not obvious why the split is proposed at all.

Still, the Code of Ordinances offers a pathway even for unusual proposals like this one. The lot area deficiency of the proposed Parcel 1 (there is not an obvious deficiency in Parcels 2 or 3) may be waived by a vote of 2/3 of the Council, per Code of Ordinances Section 16.32.030(a). As Code of Ordinances Section 16.32.030(c) makes clear, the other pertinent zoning violations do not prevent the split from going forward, but may affect the owner's ability to use the nonconforming property. Thus, if Council is inclined to approve this split, it should consider conditioning its approval on the grant of a variance regarding lot depth, setback, lot coverage, and any other zoning excess/deficiency resulting from the proposed split.

Please also note the Engineering Division's recommended corrections to the legal descriptions. Thank you.

MEF/bks

Cc: Mark Taormina, Scott Miller, Todd Zilincik, Dave Lear, Jerome Hanna, Paul Bernier

P:\Brenda\Correspondence\Other Dept\Assessor\2019\29551 Robert et al.doc



PLANNING COMMISSION

IAN WILSHAW, Chairman
GLEN W. LONG, JR., Vice Chairman
SAM CARAMAGNO, Secretary
DAVID BONGERO
ELIZABETH McCUE
CAROL A. SMILEY
PETER H. VENTURA



DENNIS K. WRIGHT
MAYOR

MARK TAORMINA
PLANNING & ECONOMIC
DEVELOPMENT DIRECTOR

SCOTT O. MILLER
PLANNER IV

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2290 FAX (734) 466-2108

DATE: September 19, 2019

TO: Mary Ciolino, Assessment

FROM: Scott Miller, Planner IV

SUBJECT: Proposed Parcel Split/Combination (Petition 2019-09-LS-18)
46 137 01 0305 000 (29551 Robert Avenue)
46 137 01 0306 000 (29525 Robert Avenue)
46 137 01 0307 000 (29568 MacIntyre Avenue)

Pursuant to your request, the Planning Department has reviewed the above-referenced parcel split and combination request submitted by Robert Trenkle, Elizabeth Pizzo and Gina Nguyen for compliance with the City of Livonia Zoning Ordinance #543, as amended. The subject properties consist of Lots 305, 306 and 307 of Bel-Aire Gardens Subdivision. These three (3) contiguous lots are at the southwest corner of Robert and MacIntyre Avenues in the Northeast ¼ of Section 35. The zoning is R-1, One Family Residential, which requires a minimum lot area of 7,200 square feet and minimum lot dimensions of 60 feet in lot width by 120 feet in lot depth.

This proposal would split 35.50 feet from the rear of Lot 305 (29551 Robert Ave.) and combine it with Lot 307 (29586 MacIntyre Ave.). Additionally, a small triangular portion in the southwest corner of Lot 306 (29525 Robert Ave.) would be split and combined with Lot 305. As described on the submitted land survey, 29551 Robert Avenue would be reduced to 5,565 square feet in land area, forming **Parcel 1**, and would not meet the minimum lot area or lot dimensions required in an R-1 zoning district. The other two (2) properties, **Parcel 2** and **Parcel 3**, are in compliance with the R-1 lot size regulations.

As proposed, **Parcel 1** fails to comply with the minimum lot width and lot area requirements as established in Section 4.04 of the Zoning Ordinance. In addition, the split would result in a deficient rear yard setback for the house at 29551 Robert. Pursuant to Sections 16.32.030(a) and 16.32.110 of the Livonia Code of Ordinances, the minimum lot width and area requirements of Ordinance #543 may be waived or modified by a resolution of City Council, delineating the requirement(s) waived, in which no less than five (5) of the members concur. For a variance to the rear building setback, Zoning Board of Appeals approval is required.

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

TODD J. ZILINCIK, P.E.
City Engineer

DAVID W. LEAR, P.E.
Assistant City Engineer



DENNIS K. WRIGHT
MAYOR

DONALD R. ROHRAFF
Director of Public Works

33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2571
FAX: (734) 466-2195

September 19, 2019

Ms. Mary Ciolino
Assessor's Department
City of Livonia

Re: Lot Split and Combination Request:

137 01 0305 000
137 01 0306 000
137 01 0307 000

#29551 Robert Avenue
#29525 Robert Avenue
#29568 MacIntyre Avenue

Dear Ms. Ciolino:

The Engineering Division of Public Works has reviewed the request in your letter dated September 17, 2019 to combine and split the above referenced parcels.

The legal descriptions included for the proposed parcels appears to be correct with the exception of a couple minor corrections as noted. The corrected descriptions should be used if the split and combinations are approved. Also, the current addresses should be used for the associated resultant parcels.

It should be noted that there are existing sanitary sewer and storm sewer mains, and their associated easements, running along the common property line that will prohibit the construction of any structures or facilities that would require a foundation. Also, the proposed parcel "1" does not meet the required lot width and depth requirements from the City.

If you have any questions, or need any additional information, please feel free to contact me at (734) 466-2608.

Sincerely,


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

cc: File

INSPECTION DEPARTMENT

BUILDING
HEATING
PLUMBING
ELECTRICAL
ZONING
SANITATION
ENVIRONMENTAL PROTECTION
ORDINANCE ENFORCEMENT



DENNIS K. WRIGHT
MAYOR

JEROME A. HANNA
DIRECTOR

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

DATE: October 18, 2019

TO: Mary Ciolino

FROM: Jerome Hanna

SUBJECT: Lot Split & Combination
137-01-0305-000 – 29551 Robert
137-01-0306-000 – 29525 Robert
137-01-0307-000 – 29568 MacIntyre

Pursuant to your request, the Inspection Department has reviewed the proposed lot split and combination made by Robert Trenkle and Elizabeth Pizzo of 29568 MacIntyre and Gina Nguyen of 29525 Robert Livonia, MI 48150 to divide and combine the properties referenced above. All three properties are located in the NE ¼ of Section 35 between Fremont and Louise. The three properties are zoned R-1 (Single Family Residential) requiring a lot width of 60 feet, depth of 120 feet for a lot area of 7,200 sq. ft.

The individual parcel analysis is as follows:

Parcel 137-01-0307-000 (29568 MacIntyre), is an irregular shaped lot of approximately 8,142 sq. ft. in area. There is an existing dwelling with attached garage.

Parcel 137-01-0305-000 (29551 Robert), is 70 feet wide 115 feet deep for a lot area of 8050 sq. ft. There is an existing dwelling with attached garage.

Parcel 137-01-0306-000 (29525 Robert), is slightly irregular in shape and is approximately 10,475 sq. ft. in area with an existing dwelling and attached garage.

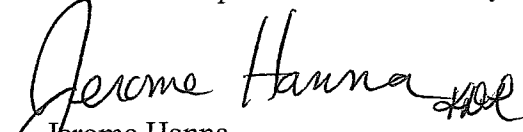
Part of this proposal is to take a very small portion of property, triangular in shape, from 137-01-0306-000 (29525 Robert) which is approximately 4.87 feet by 24.7 feet for a lot area of approximately 60 sq. ft. This reduces 137-01-0306-000 to approximately 10,415 sq. ft. and will have no effect on the rear yard set back and this parcel remains conforming in lot area.

Parcel 137-01-0307-000 (29568 MacIntyre), will combine approximately a portion of property from 137-01-0305-000 (29551 Robert) of +/- 35 feet deep and 70 feet wide. This will increase the lot area of 137-01-0307-000 to approximately 10,688 sq. ft. This parcel (307) is conforming to lot area and all existing setbacks remain unaffected.

The remaining parcel 137-01-0305-000 (29551 Robert) resulting from the parcel division now becomes 70 feet wide and 79.50 feet deep for a lot area of approximately 5,565 sq. ft. This newly created parcel is nonconforming as to lot depth and area, also, the rear yard setback is now 12 feet where 30 feet is required.

The proposed property division and combination would require approval by City Council by no less than a 2/3 majority approving resolution.

We trust this provides the necessary information.


Jerome Hanna
Director of Inspection

JH/kdt

0205	0206	0207	0208	0209	0210	0211	0212	0213	0214	0215	0216	0217	0218	0219	0220	0221	0222	0223	0224	0225	0226	0227	0228	0229	0230	0231	0192	0193	0194	0195	0196	0197	0198	0199	0200	0201	0202	0203	0204	0091	0092	0089	0088	0087	0086	0085	0084	0083	0082	0081	0080	0079	0078	0077	0076	0075	0074	0073	0072	0071	0070	0069	0068	0067	0066	0065	0064	0063	0062	0061	0060	0059	0058	0057	0056	0055	0054	0053	0052	0051	0050	0049	0048	0047	0046	0045	0044	0043	0042	0041	0040	0039	0038	0037	0036	0035	0034	0033	0032	0031	0030	0029	0028	0027	0026	0025	0024	0023	0022	0021	0020	0019	0018	0017	0016	0015	0014	0013	0012	0011	0010	0009	0008	0007	0006	0005	0004	0003	0002	0001	0000	0.52 Acres
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LOUISE

ROBERT AVENUE

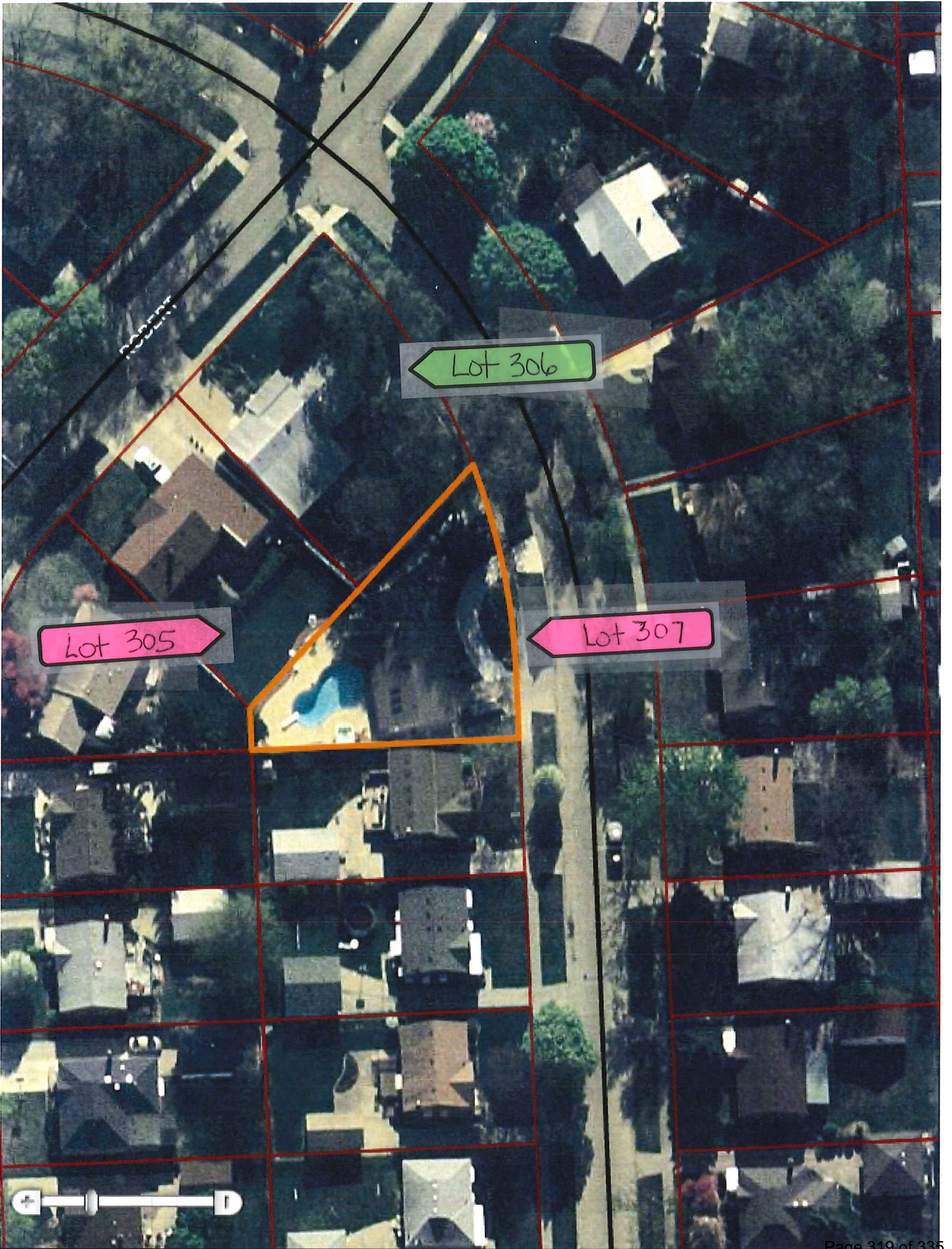
MACINTYRE AVENUE

WEST CHICAGO ROAD

Kingston Terrace Condos

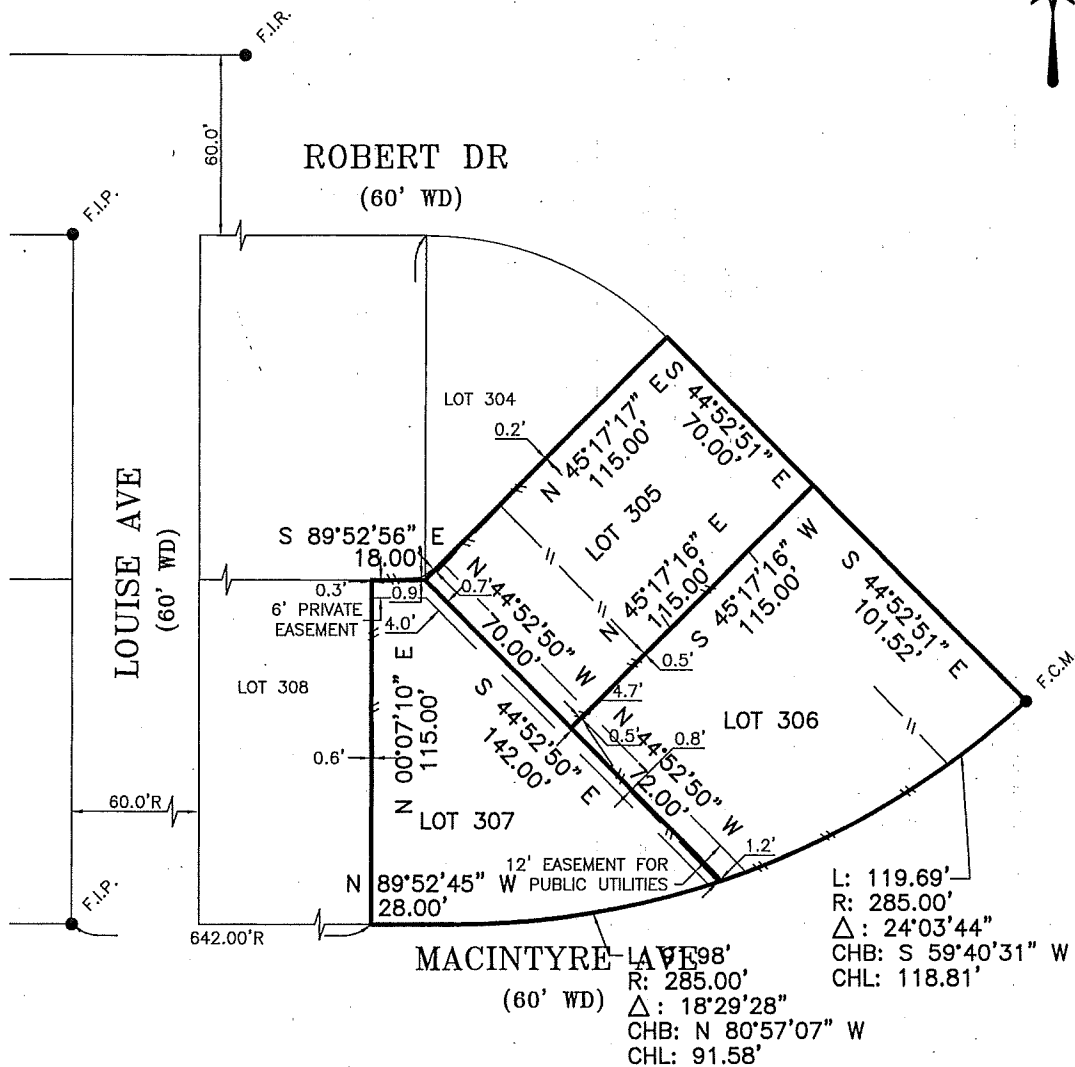
MIDDLEBELT

Continued on page 140



Corrected

CERTIFICATE OF SURVEY



LEGAL DESCRIPTION

SEE ATTACHED

LEGEND

RECORDED	R.
MEASURED	M.
PRORATED	P.
CALCULATED	C.
SET IRON	S.I.
FOUND IRON	F.I.
FOUND CONG. MON.	F.C.M.
POINT OF BEGINNING	P.O.B.



SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I HAVE SURVEYED AND MAPPED THE LAND ABOVE PLATTED AND/OR DESCRIBED ON 06/28/19 AND THAT THE RATIO OF CLOSURE ON THE UNADJUSTED FIELD OBSERVATIONS OF SUCH SURVEY WAS LESS THAN 1/5000 AND THAT ALL REQUIREMENTS OF P.A. 132 OF 1970 HAVE BEEN COMPLIED WITH.

Greg L. Ash
GREG L ASH, P.L.S. #28400

GLA SURVEYORS & ENGINEERS

8495 N. TERRITORIAL RD.
PLYMOUTH, MI 48170

PHONE: (734) 416-9650
FAX: (734) 416-9657
www.glasurveyor.com

CLIENT:
LIBBY PIZZO
29568 MACINTYRE
LIVONIA, MI 48150

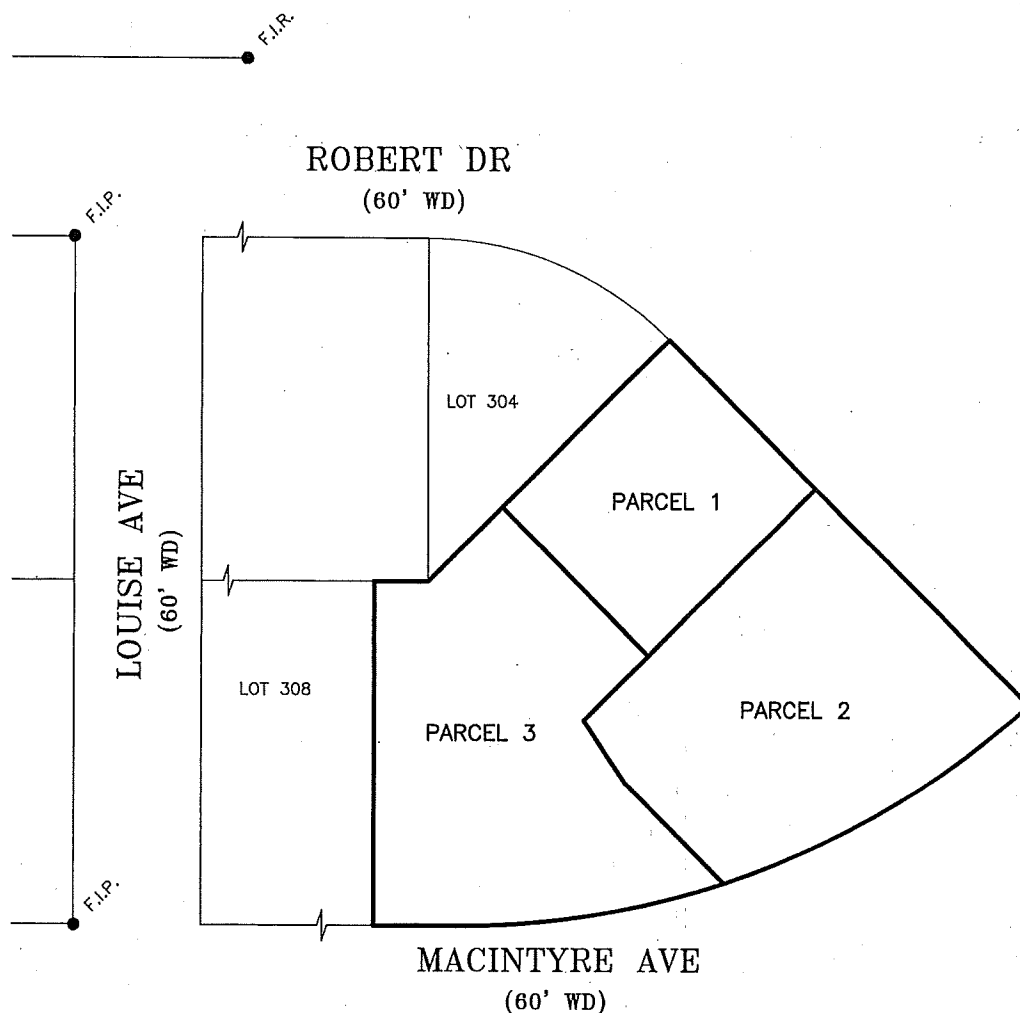
DATE: 08/17/19
JOB NO.: 3563-305
FILE NO.: 3563-305

SCALE: 0' 50' 100'
1" = 50'

SHEET:
1 OF 7

DRAWN BY:
BGW

CERTIFICATE OF SURVEY



LEGAL DESCRIPTION

SEE ATTACHED

LEGEND

RECORDED	R.
MEASURED	M.
PRORATED	P.
CALCULATED	C.
SET IRON	S.I.
FOUND IRON	F.I.
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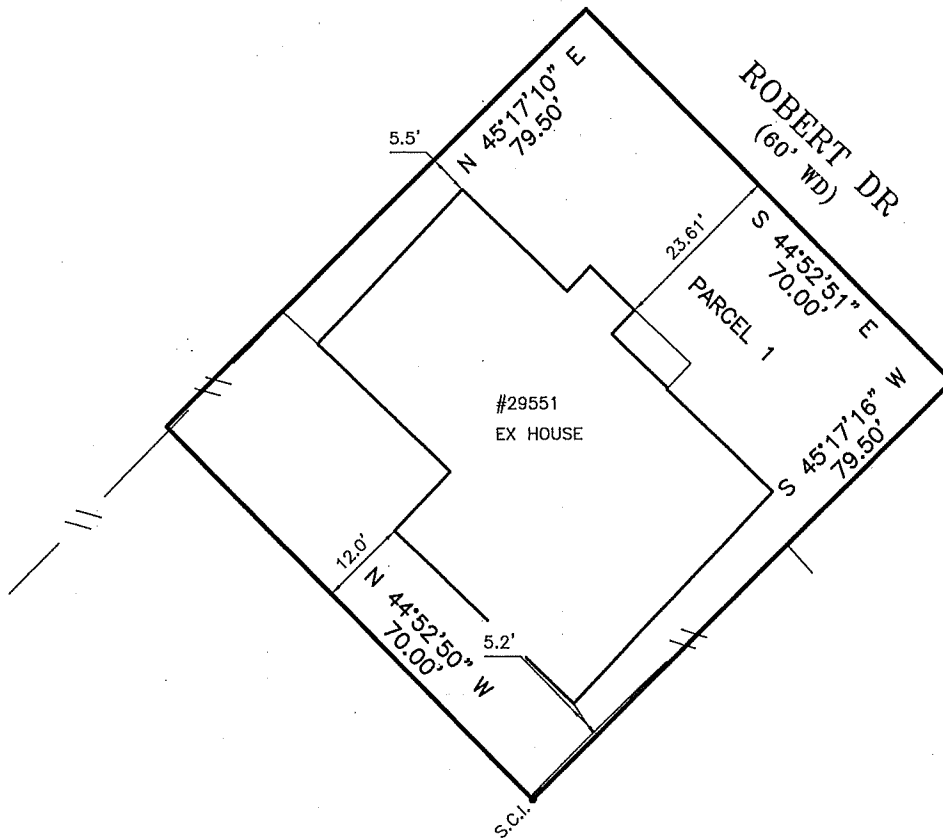
LIBBY PIZZO
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DATE: 08/17/19
JOB NO.: 3563-305
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SCALE: 0' 50' 100'
1" = 50'

SHEET:
2 OF 7

DRAWN BY:
BGW



SEE ATTACHED

RECORDED	R.
MEASURED	M.
PRORATED	P.
CALCULATED	C.
SET IRON	S.I.
FOUND IRON	F.I.
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CLOSURE ON THE UNADJUSTED FIELD OBSERVATIONS
OF SUCH SURVEY WAS LESS THAN 1/5000 AND
THAT ALL REQUIREMENTS OF P.A. 132 OF 1970
HAVE BEEN COMPLIED WITH.


GREG L. ASH, P.L.S. #28400



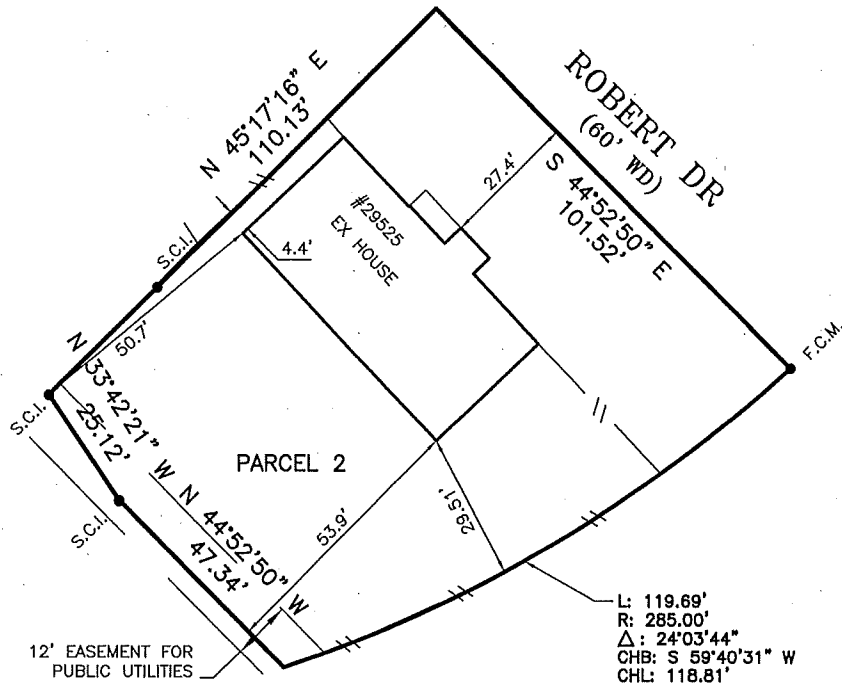
PHONE: (734) 416-9650
FAX: (734) 416-9657
www.glasurveyor.com

LIBBY PIZZO
29568 MACINTYRE
LIVONIA, MI 48150

SCALE: 0' 20' 40'
1" = 20'

DRAWN BY:
BGW

CERTIFICATE OF SURVEY



LEGAL DESCRIPTION

SEE ATTACHED

LEGEND

RECORDED	R.
MEASURED	M.
PRORATED	P.
CALCULATED	C.
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FOUND CONC. MON.	F.C.M.
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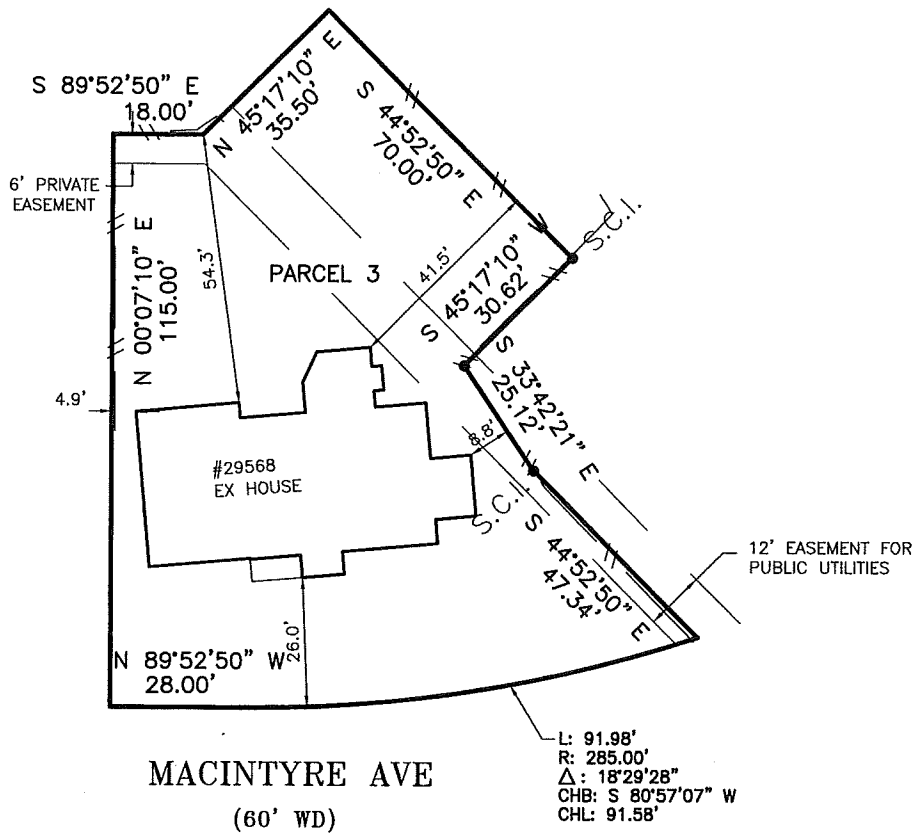
DATE: 08/17/19
JOB NO.: 3563-305
FILE NO.: 3563-305

SCALE: 0' 30' 60'
1" = 30'

SHEET:
4 OF 7

DRAWN BY:
BGW

CERTIFICATE OF SURVEY



LEGAL DESCRIPTION

SEE ATTACHED

LEGEND

RECORDED	R.
MEASURED	M.
PRORATED	P.
CALCULATED	C.
SET IRON	S.I.
FOUND IRON	F.I.
FOUND CONC. MON.	F.C.M.
POINT OF BEGINNING	P.O.B.



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Greg L. Ash
 GREG L. ASH, P.L.S. #28400

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LIBBY PIZZO
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 LIVONIA, MI 48150

DATE: 08/17/19
 JOB NO.: 3563-305
 FILE NO.: 3563-305

SCALE: 0' 30' 60'
 1" = 30'



SHEET:
 5 OF 7

DRAWN BY:
 BGW

**Existing
Parcel 1**

Lot 305 of BEL-AIRE GARDENS being a sub'n of part of the South ½ of the North ½ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records.

Parcel 2

Lot 306 of BEL-AIRE GARDENS being a sub'n of part of the South ½ of the North ½ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records.

Parcel 3

Lot 307 of BEL-AIRE GARDENS being a sub'n of part of the South ½ of the North ½ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records.

New Parcels

Parcel 1

The Northeasterly 79.50 feet of Lot 305 of BEL-AIRE GARDENS being a sub'n of part of the South ½ of the North ½ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records. Containing 5565 square feet of land, more or less.

Parcel 2

Part of Lot 306 of BEL-AIRE GARDENS being a sub'n of part of the South ½ of the North ½ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records, described as:

BEGINNING at the Northerly corner of said Lot 306; thence S. 44° 52' 50" E. 101.52 feet along the Northeasterly line of said Lot 306 said line also being the Southwesterly right of way line of Robert Drive (60 feet wide) to the Easterly corner of said Lot 306; thence 119.69 feet along the arc of a curve to the right having a radius of 285.00 feet a central angle of 24° 03' 44" and a long chord bearing S. 59° 40' 31" W. 118.81 feet along the Southerly line of said Lot 306 said line also being the Northerly right of way line of MacIntyre Avenue (60 feet wide) to the Southwesterly corner of said Lot 306; thence N. 44° 52' 50" W. 47.34 feet along the Southwesterly line of said Lot 306; thence N. 33° 42' 21" W. 25.12 feet to a point on the Northwesternly line of said Lot 306; and thence N. 45° 17' 16" E. 110.13 feet along said Northwesternly line of Lot 306 to the POINT OF BEGINNING. Containing 10,414.5 square feet of land, more or less. Subject to any and all easements or rights of way of record, if any.

Parcel 3

Part of Lots 305 and 306 and all of Lot 307 of BEL-AIRE GARDENS being a sub'n of part of the South ½ of the North ½ of Section 35, T. 1 S., R. 9 E., City of Livonia, Wayne County, Michigan as recorded in Liber 75 of Plats, page 48, Wayne County Records, described as:

BEGINNING at the Southwest corner of said Lot 307; thence N. 00° 07' 10" E. 115.00 feet along the West line of said Lot 307 to the Northwest corner of said Lot 307; thence S. 89° 52' 50" E. 18.00 feet along the North line of said Lot 307 to the Northeast corner of said Lot 307 also being the Northwestern corner of said Lot 305; thence N. 45° 17' 10" E. 35.50 feet along the Northwestern line of said Lot 305; thence S. 44° 52' 50" E. 70.00 feet to a point on the Southeasterly line of said Lot 305 said line also being the Northwestern line of said Lot 306; thence S. 45° 17' 10" W. 30.62 feet along said Northwestern line of Lot 306; thence S. 33° 42' 21" E. 25.12 feet to a point on the Southwesterly line of said Lot 306 said line also being the Northeasterly line of said Lot 307; thence S. 44° 52' 50" E. 47.34 feet along said Northeasterly line of Lot 307 to the Southeasterly corner of said Lot 307; thence 91.98 feet along the arc of a curve to the right having a radius of 285.00 feet a central angle of 18° 29' 28" and a long chord bearing S. 80° 57' 07" W. 91.58 feet along the Southerly line of said Lot 307 said line also being the Northerly line of MacIntyre Avenue (60 feet wide); and thence N. 89° 52' 50" W. 28.00 feet along said Southerly line of Lot 307 to the POINT OF BEGINNING. Containing 10,687.5 square feet of land, more or less. Subject to any and all easements or rights of way of record, if any.

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD OCTOBER 19, 2020**

Meeting was called to order via Zoom remote technology at 8:45 p.m. by President Kathleen McIntyre. Present: Laura Toy, Scott Bahr, Cathy White, Brandon McCullough, Rob Donovic, Jim Jolly, Scott Bahr and Kathleen McIntyre. Absent: Laura Toy.

Councilmember White led the meeting in the Pledge of Allegiance.

Elected and appointed officials present: Mark Taormina, Director of Planning and Economic Development; Todd Zilincik, City Engineer; Paul Bernier, City Attorney; Casey O'Neil, Director of Information Systems; Brandie Isaacson, Director of Housing; and Don Rohraff, Director of Public Works

1. BLOCK PARTY: Katie Adams, re: to be held Saturday, November 21, 2020, from 8:30 a.m. to 10:30 a.m. on Dover Street, between Parent and Hees, with no rain date requested.

The Petitioner not being present, Councilmember Jolly offered an approving resolution for the Regular Agenda to allow the Petitioner to appear before Council.

DIRECTION:

APPROVING

REGULAR



REPORT TO THE LIVONIA CITY COUNCIL

City Clerk
October 19, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Sara Kasprovicz, Office
Administrator, Council Office

AGENDA ITEM

BLOCK PARTY: Katie Adams, re: to be held Saturday, November 21, 2020, from 8:30 a.m. to 10:30 a.m. on Dover Street, between Parent and Hees, with no rain date requested.

BACKGROUND

RECOMMENDATION

FISCAL CONSIDERATION

ATTACHMENTS

1. Block Party Request, Katie Adams (Dover Street)

APPROVED BY

REQUEST FOR BLOCK PARTY and/or BARRICADING OF CITY STREETS

(To be sent to: Livonia City Council, c/o City Clerk, 33000 Civic Center Drive, Livonia, MI 48154-3097
or hand delivered to the City Clerk's Office at least 8 weeks prior to the planned event)

PLEASE PRINT

Date of Application 9-30-2020

xc: Council

Law

LPD-J. Cammarata

Katie Adams

Name of Neighborhood Representative

35643 Dover Street Livonia 48150

Address (please include zip code)

Telephone Number:

Home

989.430.3828

Email

katieadams@kw.com

(please include area code)

Office

248.735.7294

Please circle what is being requested - "BLOCK PARTY" and/or "STREET BARRICADING"

Saturday Nov. 21

Date of Block Party and/or Barricading

- NONE -

Rain Date

8:30 AM - 10:30 AM

Time of Block Party and/or Barricading

(Ending Time - No Later than 10:00 p.m.) (Be as specific as possible)

Location of Block Party and/or Barricading.

(Be as specific as possible - indicate what streets as well as what boundaries).

Dover Street + Parent St

Dover Street + Lionel St.

Dover Street + Linville St (x2)

Dover St + Hees St.

Dover Street + Hees St

Type of Event (Describe briefly activities planned, i.e. music, barbecue, games, etc.)

Neighborhood "Turkey Trot"

Approximate Number Attending:

Not sure yet - (50 I would guess)

Date of Council Approval/Denial:

Council Resolution Number:

2020 OCT 8 - 9:37 AM

RECEIVED
OFFICE OF THE CITY CLERK

**CITY OF LIVONIA – CITY COUNCIL
MINUTES OF STUDY MEETING HELD NOVEMBER 4, 2020**

- 11) PROPOSED 2021 CITY COUNCIL MEETING SCHEDULE: City Council President Kathleen E. McIntyre, re: in accordance with the provisions of the Open Meetings Act, 1976 P.A. 267, as amended.

President McIntyre presented this request to Council. She stated that Vice President Bahr had a suggestion to modify the submitted schedule and asked if no one has objections he is suggesting that their first meeting on Wednesday, January 6th, versus Monday, January 4th as it offers a little bit more scheduling flexibility for families coming out of the break.

President McIntyre stated she had received an email suggesting that the November 3, 2021 meeting be changed as it is the day after the election and move it to Monday, November 8th, 2021.

Councilmember Jolly stated that he has no objection but that it is a longstanding tradition to have a Council meeting the day after an election.

Vice President Bahr questioned Jolly's statement stating that he thought it was just coincidental and Jolly called on Councilmember Toy for her understanding. Toy said it has been longstanding but that it doesn't mean you can't break it.

Bahr asked if there is anything that keeps Council from scheduling meetings in consecutive weeks, that he knows there has to be two per month but he likes President McIntyre's idea of avoiding after election day, but if they could for one time do it on consecutive weeks that would just keep that Thanksgiving week open for people.

President McIntyre commented that Council Chambers had always been used for the election to house their counting boards.

Vice President Bahr stated that he is suggesting to hold the meetings on November 8th and then on the 15th.

President McIntyre stated she would like to look into this more and ask for input from both the Council Office and the Clerk's Office on the dates.

City Engineer Zilincik stated that there should be sufficient time for turn around instead of having X items for two consecutive weeks.

Councilmember Toy stated that when they were changing meetings, the Agenda items got a little slim so they decided to condense it down and hold the Regular Meeting at 7:00 and the Study Meeting at 8:00 and that over time it worked over well.

Vice President Bahr stated that he would like to take President McIntyre's change to the January 4, 2021 and move it to January 6, 2021 and adopt the change that she suggested in November and leave that on the Regular and work out the details in the interim.

DIRECTION:

APPROVING

REGULAR



REPORT TO THE LIVONIA CITY COUNCIL

Council Office
October 22, 2020

MEETING DATE

November 16, 2020

PREPARED BY

Sara Kasprowicz, Office
Administrator, Council Office

AGENDA ITEM

PROPOSED 2021 CITY COUNCIL MEETING SCHEDULE: City Council President Kathleen E. McIntyre, re: in accordance with the provisions of the Open Meetings Act, 1976 P.A. 267, as amended.

BACKGROUND

Honorable Members of the City Council
City of Livonia, MI 48154

SUBJECT: PROPOSED 2021 CITY COUNCIL MEETING SCHEDULE

Dear City Councilmembers:

In accordance with the provisions of the Open Meetings Act, 1976 P.A. 267, as amended, attached is the proposed City Council Meeting Schedule for calendar year 2021.

An approving resolution is being requested.
Thank you.

Respectfully submitted,

Kathleen E. McIntyre
City Council President

KEM/sk

cc: Mayor, City Clerk, City Attorney

RECOMMENDATION

FISCAL CONSIDERATION

None

ATTACHMENTS

1. 2021 Meeting Schedule - Revised - New Data
2. S110420 2021 Council Calendar Minutes
3. 2021 Meeting Schedule
4. 2021 Meeting Schedule Letter

APPROVED BY

OFFICES OF THE CITY COUNCIL

COUNCIL MEMBERS

Kathleen E. McIntyre
President

Scott Bahr
Vice President

Rob Gjonaj Donovic
Jim Jolly
Brandon McCullough
Laura M. Toy
Cathy K. White



33000 CIVIC CENTER DRIVE
LIVONIA, MICHIGAN 48154-3097
(734) 466-2250
FAX: (734) 421-4388

October 22, 2020

Honorable Members of the City Council
City of Livonia, MI 48154

SUBJECT: PROPOSED 2021 CITY COUNCIL MEETING SCHEDULE

Dear City Councilmembers:

In accordance with the provisions of the Open Meetings Act, 1976 P.A. 267, as amended, attached is the proposed City Council Meeting Schedule for calendar year 2021.

An approving resolution is being requested.

Thank you.

Respectfully submitted,


Kathleen E. McIntyre
City Council President

KEM/sk

Attachment

cc: Mayor
City Clerk
City Attorney

LIVONIA CITY COUNCIL MEETING SCHEDULE – 2021*

PLACE: LIVONIA CITY HALL AUDITORIUM
33000 CIVIC CENTER DRIVE
LIVONIA, MI 48154-3097

TIME: 7:00 P.M.
PHONE: (734) 466-2250

Regular Meetings will start at 7:00 P.M. and Study Meetings will start at 8:00 P.M. or immediately following the Regular Meeting

STUDY MEETINGS

Monday, January 4 (Starting time 8 PM)
Wednesday, January 13

Monday, January 25
Monday, February 8

Monday, February 22
Monday, March 8

Monday, March 22
Monday, April 12

Monday, April 26
Monday, May 10

Monday, May 24
Monday, June 14

Monday, June 28
Monday, July 12

Monday, July 26
Monday, August 9

Monday, August 23
Wednesday, September 8

Monday, September 20
Monday, October 4

Monday, October 18
Wednesday, November 3

Monday, November 15
Wednesday, December 1

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

REGULAR MEETINGS

Wednesday, January 13
Monday, January 25

Monday, February 8
Monday, February 22

Monday, March 8
Monday, March 22

Monday, April 12
Monday, April 26

Monday, May 10
Monday, May 24

Monday, June 14
Monday, June 28

Monday, July 12
Monday, July 26

Monday, August 9
Monday, August 23

Wednesday, September 8
Monday, September 20

Monday, October 4
Monday, October 18

Wednesday, November 3
Monday, November 15

Wednesday, December 1
Monday, December 13

*Subject to Change with Notice

Adopted on ??? CR ???-20
(Council Calendars – 2021 CC Meeting Schedule)

NEW DATA FOR REGULAR MEETING OF
11/16/2020 - ITEM 18

Kasprowicz, Sara

From: Katie Adams <katieadams@kw.com>
Sent: Tuesday, November 10, 2020 3:53 PM
To: Kasprowicz, Sara
Subject: Re: Livonia City Council Regular Meeting of 11/16/2020, Item 18

Hello Sara

Please take my event off the agenda, due to the climb in Covid cases, my neighborhood event will need to be cancelled and we will try again next year

Thank You very much

On Tue, Nov 10, 2020 at 3:48 PM Kasprowicz, Sara <skasprowicz@ci.livonia.mi.us> wrote:

Good Afternoon,

Please see the attached agenda for the **City Council Regular Meeting of 11/16/2020, starting at approximately 7:00pm. Your item is #18 and since you were not in attendance at the Study Meeting of 10/19/2020 or the 11/04/2020 Regular meeting, you are required to attend this meeting in order to speak about your item when it is addressed.**

The following link will allow you to connect into the meeting as a participant: <https://us02web.zoom.us/j/822419226> or you can also connect via phone at (312) 626-6799, ID: 822 419 226

To participate, use the 'Raise Hand' button on Zoom or press *9 on your phone to be called on.

If you have any questions, please feel free to contact me.

Thank you,

Sara



Sara Kasprowicz
Secretary II
City of Livonia | City Council Office
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LIVONIA CITY COUNCIL MEETING SCHEDULE – 2021*

PLACE: LIVONIA CITY HALL AUDITORIUM
33000 CIVIC CENTER DRIVE
LIVONIA, MI 48154-3097

TIME: 7:00 P.M.
PHONE: (734) 466-2250

Regular Meetings will start at 7:00 P.M. and Study Meetings will start at 8:00 P.M. or immediately following the Regular Meeting

STUDY MEETINGS**JANUARY**

Wednesday, January 6 (Starting time 8 PM)
Wednesday, January 13

FEBRUARY

Monday, January 25
Monday, February 8

MARCH

Monday, February 22
Monday, March 8

APRIL

Monday, March 22
Monday, April 12

MAY

Monday, April 26
Monday, May 10

JUNE

Monday, May 24
Monday, June 14

JULY

Monday, June 28
Monday, July 12

AUGUST

Monday, July 26
Monday, August 9

SEPTEMBER

Monday, August 23
Wednesday, September 8

OCTOBER

Monday, September 20
Monday, October 4

NOVEMBER

Monday, October 18
Monday, November 8

DECEMBER

Monday, November 22
Wednesday, December 1

REGULAR MEETINGS

Wednesday, January 13
Monday, January 25

Monday, February 8
Monday, February 22

Monday, March 8
Monday, March 22

Monday, April 12
Monday, April 26

Monday, May 10
Monday, May 24

Monday, June 14
Monday, June 28

Monday, July 12
Monday, July 26

Monday, August 9
Monday, August 23

Wednesday, September 8
Monday, September 20

Monday, October 4
Monday, October 18

Monday, November 8
Monday, November 22

Wednesday, December 1
Monday, December 13

*Subject to Change with Notice

Adopted on ??? CR ???-20
(Council Calendars – 2021 CC Meeting Schedule)