



City of Detroit  
Inter-Departmental Communication

---

**TO:** Richard Doherty, City Engineer  
City Engineering/Department of Public Works

**FROM:** Debra Singleton, Engineer  
Detroit Water and Sewerage Department

**DATE:** August 7, 2018

**RE:** Petition No. 283  
Requested Encroachment at Portion Of Orleans Street And Dequindre Street In  
The Area Bound By Superior, Riopelle, Canfield, And Dequindre.

We have reviewed the above Petition received by this office. Our records indicate there is a water main in the area of encroachment. With regard to DWSD's interests, our comments are as follows:

- DWSD has no objections to the requested encroachments provided the petitioner will remove the proposed ramps or stair wells due to any DWSD repairs or required maintenance and that the attached Provisions for Encroachment are strictly followed.

If you have any questions, please call me at (313) 267-8309 or Mohammed Fa Siddique at (313)-964-9245.

Sincerely,

Debra Singleton  
Engineer  
Permits

DS/MS/gl

Attachments

CC: Mohamad Farhat, CSF

Michael Duggan, Mayor

City of Detroit  
**City Engineering Division, Department of Public Works  
Survey Bureau**

**NOTICE OF PROPOSED CHANGE IN PROPERTY**

Date: 05/08/2018

Petition: x283

- |  |  |
|--|--|
| <input type="checkbox"/> AT&T Telecommunication            | <input type="checkbox"/> Berm Use                |
| <input type="checkbox"/> Comcast Television (CATV)         | <input type="checkbox"/> Conversion to Easement  |
| <input type="checkbox"/> Detroit Edison (DTE)              | <input type="checkbox"/> Dedication              |
| <input type="checkbox"/> Fire Department                   | <input checked="" type="checkbox"/> Encroachment |
| <input type="checkbox"/> Great Lakes Water Authority       | <input type="checkbox"/> Outright Vacation       |
| <input type="checkbox"/> Land Bank Authority               | <input type="checkbox"/> Temporary Closing       |
| <input type="checkbox"/> Michcon (DTE)                     |  |
| <input type="checkbox"/> Planning & Development Department |  |
| <input type="checkbox"/> Public Lighting Authority         |  |
| <input type="checkbox"/> Public Lighting Department        |  |
| <input type="checkbox"/> Police Department                 |  |
| <input type="checkbox"/> Solid Waste Division, DPW         |  |
| <input type="checkbox"/> Street Design Bureau, DPW         |  |
| <input type="checkbox"/> Street Maintenance Division, DPW  |  |
| <input type="checkbox"/> Traffic Engineering Division, DPW |  |
| <input type="checkbox"/> Water and Sewerage Department     |  |
| <input type="checkbox"/> _____                             |  |

A petition drawing is attached. Property shown on the attached print is proposed to be changed as indicated. Kindly report (using the back of this sheet) the nature of your services, if any affected by the proposed change and the estimated costs of removing and rerouting such services (if necessary).

Please return one copy to City Engineering Division, DPW within two weeks of the submittal date. Retain one copy and print for you file.

Ron Brundidge, Director, Department of Public Works

By: Richard Doherty, CED DPW  
City Engineer

**TO: City Engineering Division, DPW  
2 Woodward Ave., Suite 642  
Detroit, Michigan 48226-3462  
Survey Bureau: 313-224-3970**

**Petition: x283**

The proposed change in property (referred to on the other side of this sheet) would affect our services as follows:

- Not Involved
  
- Involved; but asking you to hold action on this petition until further notice.
  
- Involved; but no objections to the property change.
  
- Involved; objection to the property change.
  
- Involved; but no objections to the property change...provided as easement of the full width of the public right-of-way (street, alley or other public place) is reserved.
  
- Involved; the nature of our services and the estimated costs of removing and/or rerouting such services are:

\_\_\_\_\_  
(Utility or City Department)

\_\_\_\_\_  
By

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Area code – Telephone number

PETITION NO. 283  
 SME  
 43980 PLYMOUTH OAKS BLVD.  
 PLYMOUTH, MICHIGAN 48170  
 C/O KIRT ANDERSEN P.E.  
 PHONE NO. 734 454-9900 EXT. 1157

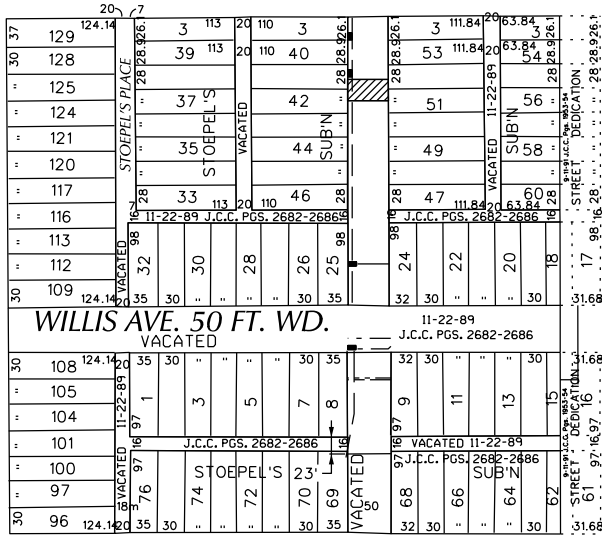


CANFIELD AVE. 60 FT. WD.

CANFIELD AVE. 60 FT. WD.

RIOPELLE ST. 50 FT. WD.

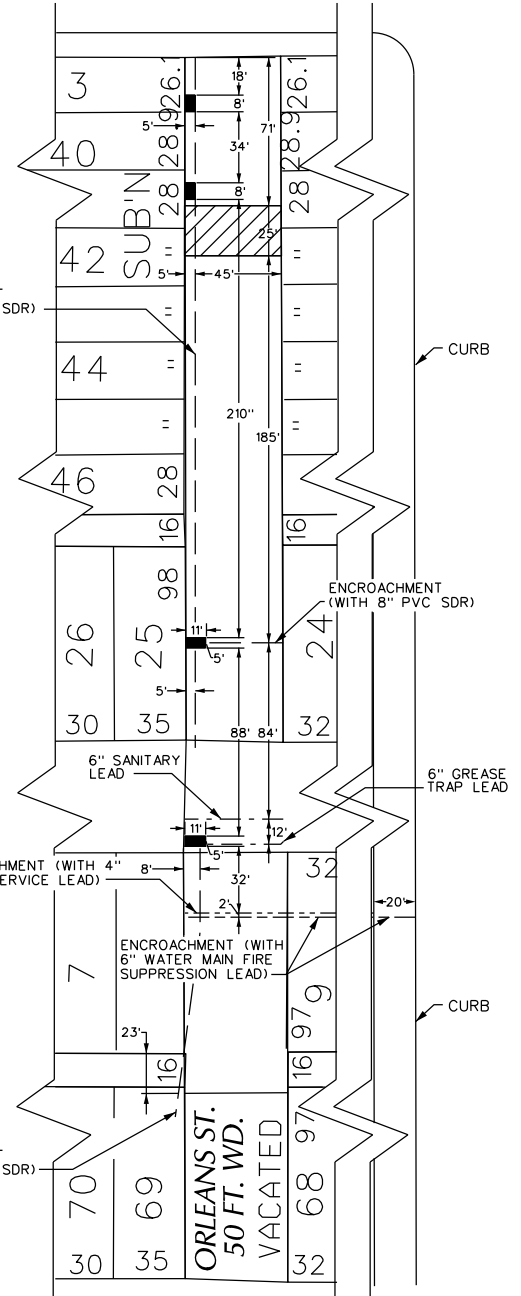
VACATED



SUPERIOR ST.  
 50 FT. WD.  
 VACATED

ORLEANS ST.  
 50 FT. WD.

DEQUINDRE ST. 78 FT. WD.



DEQUINDRE ST. 78 FT. WD.



- REQUEST ENCROACHMENT  
 (With Concrete Ramp)



- REQUEST ENCROACHMENT  
 (With Stair Wells)

(FOR OFFICE USE ONLY)

CARTO 40 D

REQUEST ENCROACHMENT  
 A PORTION OF ORLEANS ST. 50 FT. WD.  
 AND DEQUINDRE ST. 78 FT. WD.  
 IN THE AREA BOUND BY  
 SUPERIOR, RIOPELLE ST., CANFIELD AVE.  
 AND DEQUINDRE ST.

CITY OF DETROIT  
 CITY ENGINEERING DEPARTMENT  
 SURVEY BUREAU

B					
A					
DESCRIPTION	DRWN	CHKD	APPD	DATE	
REVISIONS					
DRAWN BY	WLW	CHECKED	KSM		
DATE	05-08-18	APPROVED			

JOB NO. 01-01  
 DRWG. NO. X 283

## **PROVISIONS FOR ENCROACHMENT For Petition 283**

Detroit Water and Sewerage (DWSD) agree to the proposed encroachment subject to the fulfilling of the following provisions:

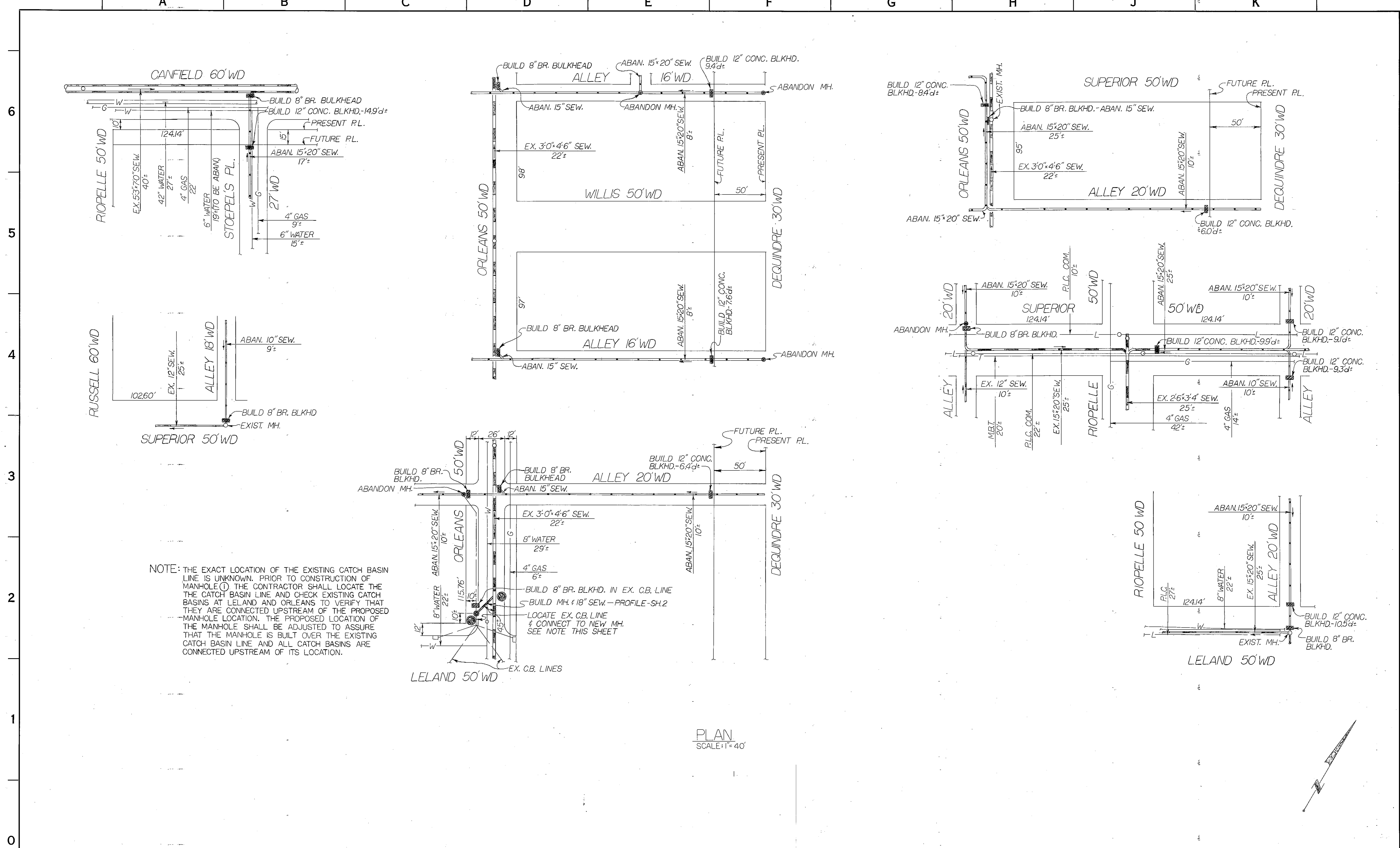
1. By approval of this petition the (DWSD) does not waive any of its rights to its facilities located in the right of way, and at all time, DWSD, its agents or employees, shall have the right to enter upon the right of way to maintain, repair, alter, service, inspect, or install its facilities. All costs incident to the damaging, dismantling, demolishing, removal and replacement of structures or other improvements herein permitted and incurred in gaining access to DWSD's facilities for maintenance, repairing, alteration, servicing or inspection caused by the encroachment shall be borne by the petitioner. All costs associated with gaining access to DWSD's facilities, which could normally be expected had the petitioner not encroached into the right of way shall be borne by DWSD.
2. DWSD requires a vertical clearance of 18 feet above grade for maintenance excess and repair.
3. All construction performed under this petition shall not be commenced until after five (5) days written notice to DWSD. Seventy-two (72) hours notice shall also be provided in accordance with P.A. 53 1974, as amended, utilizing the MISS DIG one call system.
4. Construction under this petition is subject to inspection and approval by DWSD forces. The cost of such inspection shall, at the discretion of DWSD, be borne by the petitioner.
5. If DWSD facilities located within the right of way shall break or be damaged as the result of any action on the part of the petitioner, then in such event the petitioner agrees to be liable for all costs incident to the repair, replacement or relocation of such broken or damaged DWSD facilities.
6. The petitioner shall hold DWSD harmless for any damage to the encroaching device constructed or installed under this petition, which may be caused by the failure of DWSD's facilities.











NOTE: THE EXACT LOCATION OF THE EXISTING CATCH BASIN LINE IS UNKNOWN. PRIOR TO CONSTRUCTION OF MANHOLE ① THE CONTRACTOR SHALL LOCATE THE CATCH BASIN LINE AND CHECK EXISTING CATCH BASINS AT LELAND AND ORLEANS TO VERIFY THAT THEY ARE CONNECTED UPSTREAM OF THE PROPOSED MANHOLE LOCATION. THE PROPOSED LOCATION OF THE MANHOLE SHALL BE ADJUSTED TO ASSURE THAT THE MANHOLE IS BUILT OVER THE EXISTING CATCH BASIN LINE AND ALL CATCH BASINS ARE CONNECTED UPSTREAM OF ITS LOCATION.

PLAN  
SCALE: 1" = 40'

DESIGNED BY		APPROVED		PAVEMENT REMOVAL AND MISCELLANEOUS CONSTRUCTION FOREST PARK REHABILITATION PROJECT NO. 2 MICH. A-4-2 SEWER ALTERATIONS		CITY OF DETROIT WATER AND SEWERAGE DEPARTMENT ENGINEERING DIVISION		M.D.P.H. PERMIT NO.	
DRAWN BY <i>Mubian</i>		HEAD ENGINEER-WATER SYSTEM				CONTRACT NO. PW 6581			
CHECKED BY <i>D.M.O./A.B.</i>		DIRECTOR OF ENGINEERING		SCALE AS SHOWN		SECTION MAP		FED. REF. NO.	
DATE <i>2-10-77</i>		DIRECTOR		DATE JAN. 7, 1977		TOWN		CONTRACT NO.	
ENGINEER-WASTEWATER SYSTEM						RANGE		PW 6581	
						SECTION		D-7700001-1	
						PORTION CODE		DWG #2143-1	
						WORK ORDER NO.			
						S-135-76-1			



The Kramer Building  
43980 Plymouth Oaks Blvd.  
Plymouth, MI 48170-2584

T (734) 454-9900

[www.sme-usa.com](http://www.sme-usa.com)

March 30, 2018

The Honorable City Council  
Attn: Office of the City Clerk  
200 Coleman A. Young Municipal Center  
Detroit, MI 48226

Re: Public Sanitary Sewer Encroachment Petition  
Expedited Hearing before City Council  
Wolverine Cold Storage Facility Building  
4225 E. Dequindre Street, Detroit, MI 48207

Dear City Council Members,

As the Engineer of Record on the above mentioned project, please accept the following as our request for a waiver for the encroachment into the existing 50 foot wide public utility easement (vacated Orleans Street) for the proposed building located on the 4255 E. Dequindre St, Detroit, Michigan. The property is located in the formerly know Forest Park, between E. Canfield St. and Mack Ave. It is located at the SW corner of E. Canfield Street & Dequindre St. and we would like an expedited hearing before the City Council meeting in order to meet our construction schedule.

Our office is aware of the City's requirement of no encroachments or utility crossings within a public sanitary sewer main easement. Our proposed design will encroach the easement with a stair well, a concrete ramp, one storm sewer roof leads, fire and domestic water service leads and a sanitary lead. Please see attached plan for your reference.

The property owner is fully aware of the future consequences of repairs to these above mentioned items and holds the City of Detroit harmless on damages that may arise from sewer maintenance or repairs. We appreciate your consideration of our request. Please feel free to contact Kirt Andersen at 734.454.9900 extension 1157 for any question or concern you may have.

Sincerely,

Kirt Andersen  
Mar 30 2018 7:58 AM

Anthony B. Thomas  
Anthony B. Thomas  
Mar 30 2018 12:17 PM

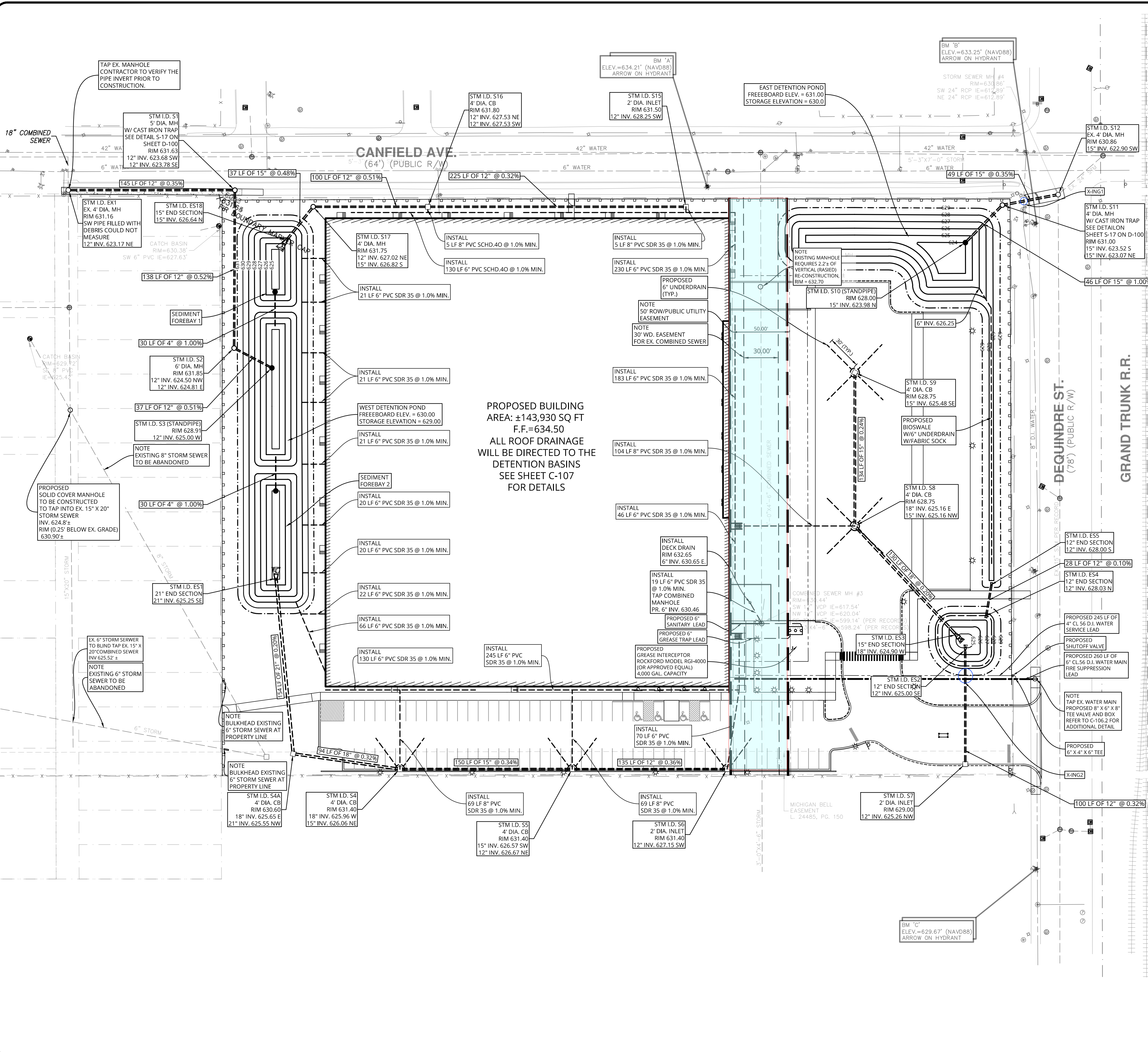
Kirt Andersen, PE  
Senior Consultant

Anthony Thomas, PE  
Senior Consultant

Jay Bonahoom  
Vice President of Wolverine Packing Co.  
Property Owner

Attachment – Sheet C-108

Cc: Mr. Mohamed Boudali - DWSD



### EXISTING LEGEND

- EX. PROPERTY LINE
- EX. EASEMENT LINE
- EX. STORM SEWER (ABANDONED)
- EX. CURB/PAVEMENT
- EX. METAL FENCE
- EX. SIGN
- FOUND MONUMENTATION AS NOTED SET 1/2" CAPPED IRON ROD
- EX. WATER MAIN
- EX. HYDRANT
- EX. WATER VALVE
- EX. WATER MANHOLE
- EX. SANITARY SEWER
- EX. SANITARY MANHOLE
- EX. STORM INLET/CATCH BASIN
- EX. STORM MANHOLE
- EX. STORM SEWER
- EX. OVERHEAD ELECTRIC
- EX. UNDERGROUND GAS
- EX. TELEPHONE MANHOLE
- EX. UTILITY MANHOLE
- EX. UTILITY POLE
- EX. GUY WIRE
- EX. LIGHT POLE
- EX. UNDERGROUND TELEPHONE
- EX. UNDERGROUND WATER
- EX. UNDERGROUND GAS
- SOIL BORING LOCATION

### UTILITY LEGEND

- INSTALL UNDERDRAIN/ROOF CONDUCTOR, TAP STRUCTURE AT ONE LOCATION
- INSTALL STORM SEWER PIPE
- INSTALL CATCH BASIN
- INSTALL STORM MAHOLE
- INSTALL SANITARY SEWER
- INSTALL WATER MAIN



Orientation

Scale

GRAPHIC SCALE: 1" = 40'

**Project**

**WOLVERINE COLD STORAGE FACILITY**

**Project Location**

**4225 E. DEQUINDRE STREET  
DETROIT, MI 48207**

**Sheet Name**

**UTILITY PLAN**

**Engineer's Seal**

**NOTE**  
OTHER PRIVATE UTILITY LOCATIONS ARE NOT SHOWN ON THIS PLAN SET. UTILITIES TO BE SHOWN IN APPROXIMATE MANNER IN FUTURE PLAN SET.

**NOTE**  
ALL CATCH BASINS TO HAVE 2.5' SUMP.

**NOTE**  
STRUCTURES S48, S8 AND S9 ARE TO BE LOWHEAD STRUCTURES.

**NOTE**  
ALL STORM SEWER PIPE THAT IS LOCATED UNDERNEATH ANY PAVEMENT SECTION SHALL BE CLASS 4 REINFORCED CONCRETE PIPE OR APPROVED EQUAL.

**NOTE**  
ALL STORM SEWER PIPE LOCATED IN GREEN BELT AREAS SHALL BE HIGH DENSITY POLYETHYLENE OR APPROVED EQUAL.

**Revisions**

REV	ISSUED FOR	DATE	BY
01	REV. PER ESDS AND CLIENT	01/30/2018	KMA
02	APPROACH REVISION PER CLIENT	02/09/2018	KMA
03	ROW PERMIT SUBMITTAL	02/14/2018	KMA
04	REV. PER CLIENT AND DWS	03/05/18	KMA
05	REV. PER DWP AND DWS/4-S' BLD. MOVE	03/20/18	KMA
06	ROW PERMIT SUBMITTAL	04/12/18	KMA
07	ROW PERMIT RE-SUBMITTAL	04/18/18	KMA
08	Changes Per Tippmann	04/25/18	KMA

**Date**

**01-23-18**

**SME Project No.**

**076589.00**

**Project Manager:**

**KMA**

**Designer:**

**KA**

**CADD:**

**HJC**

**Checked By:**

**BH**

**Sheet No.**

**C-108**

**IMPORTANT**

URBAN FILL IS PRESENT ON THE SITE EXTENDING TO DEPTHS RANGING FROM 4 FEET TO 12 FEET BELOW GRADE; THE FILL CONTAINED DEBRIS INCLUDING SLAG, BRICK, CONCRETE, GLASS, WOOD, METAL, PORCELAIN, COAL, ASPHALT, AND ROOF SHINGLES, DEPENDING ON LOCATION. VOLATILE ORGANIC COMPOUNDS, POLYNUCLEAR AROMATIC HYDROCARBONS, AND/OR METALS WERE MEASURED IN MULTIPLE SOIL SAMPLES AT CONCENTRATIONS ABOVE PART 201 GENERIC RESIDENTIAL CLEANUP CRITERIA. THE ENVIRONMENTAL IMPACT WAS IDENTIFIED AT VARIOUS DEPTHS IN THE FILL MATERIALS. CONTRACTORS PERFORMING SUBSURFACE WORK ON THE SITE SHALL FOLLOW THE REQUIREMENTS OF THE OWNER'S DUE CARE PLAN.

**NOTE**

THE ENTIRE STORM SEWER SYSTEM MUST BE WATER TIGHT, INCLUDING NITRILE RUBBER (OR APPROVED EQUAL) GASKETS, BOOTS, AND SEALS AT ALL JOINTS AND CONNECTIONS, AS APPLICABLE. SHOP DRAWINGS MUST BE PROVIDED TO SME FOR REVIEW AND APPROVAL PRIOR TO THEIR DELIVERY TO INSTALLATION AT THE SITE.

**NOT FOR CONSTRUCTION**

FILE LOCATION: \\sme-inc\enr\p\076589.00\CADD\DWG\Eng\Rev\076589.00\Utility.dwg

Apr 27, 2018 - 8:42am - rncres

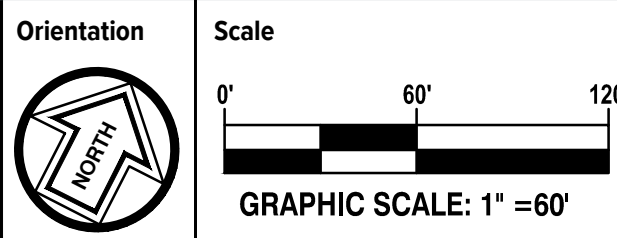
PLOT DATE: 02/28/18

# ALTA/NSPS LAND TITLE SURVEY

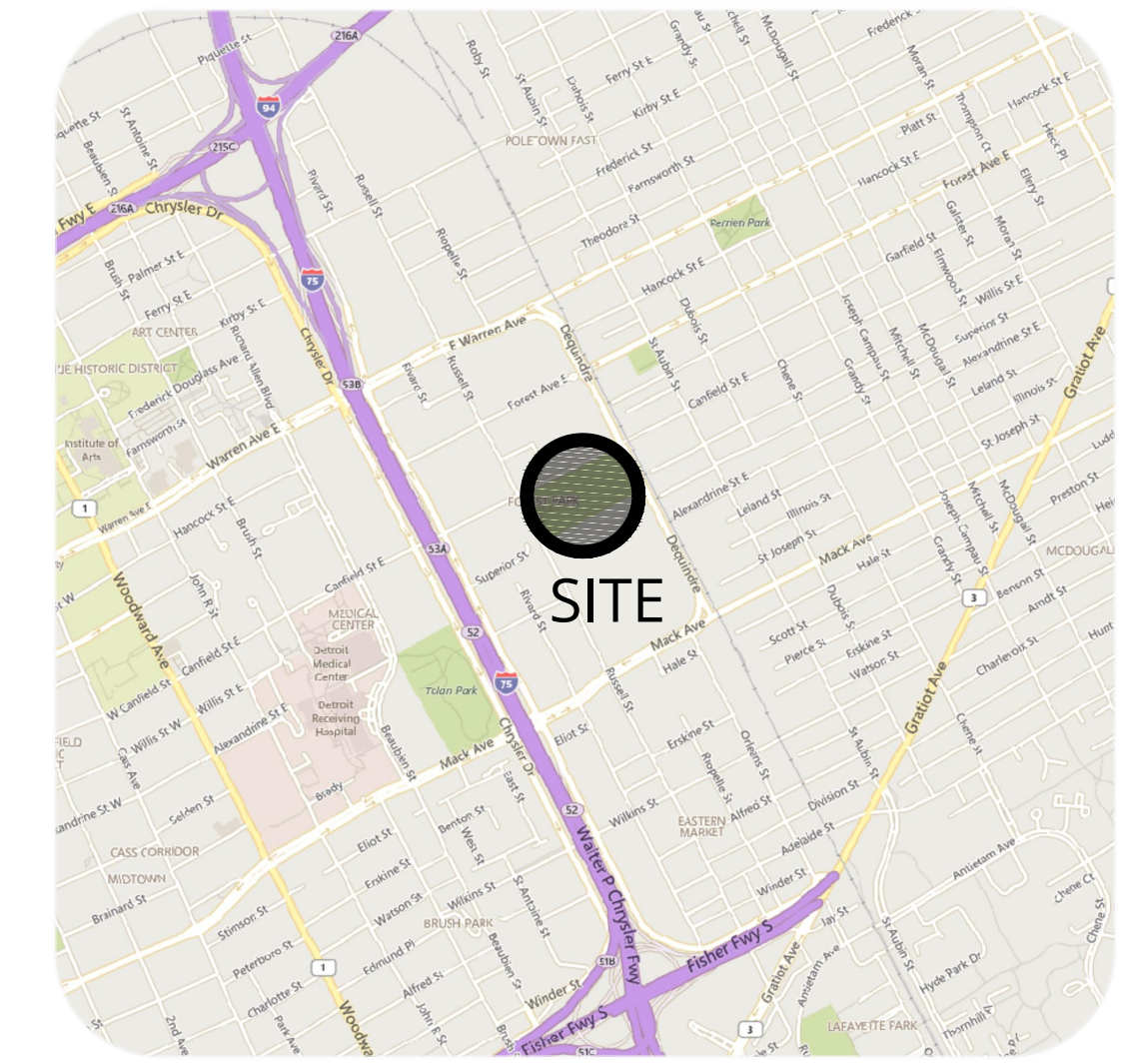
CITY OF DETROIT, WAYNE COUNTY, MICHIGAN



www.sme-usa.com



Project  
**FOREST PARK**



LOCATION MAP  
SCALE: 1" = 4000'

Project Location  
**CITY OF DETROIT  
WAYNE COUNTY, MICHIGAN**

Sheet Name  
**ALTA/NSPS LAND  
TITLE SURVEY**

Engineer's Seal

Revisions

REV	ISSUED FOR	DATE	BY
04	CITY REVIEW	02-28-2018	KMA

Date  
**05-24-17**

SME Project No.  
**076589.00**

Project Manager:  
**FRZ**

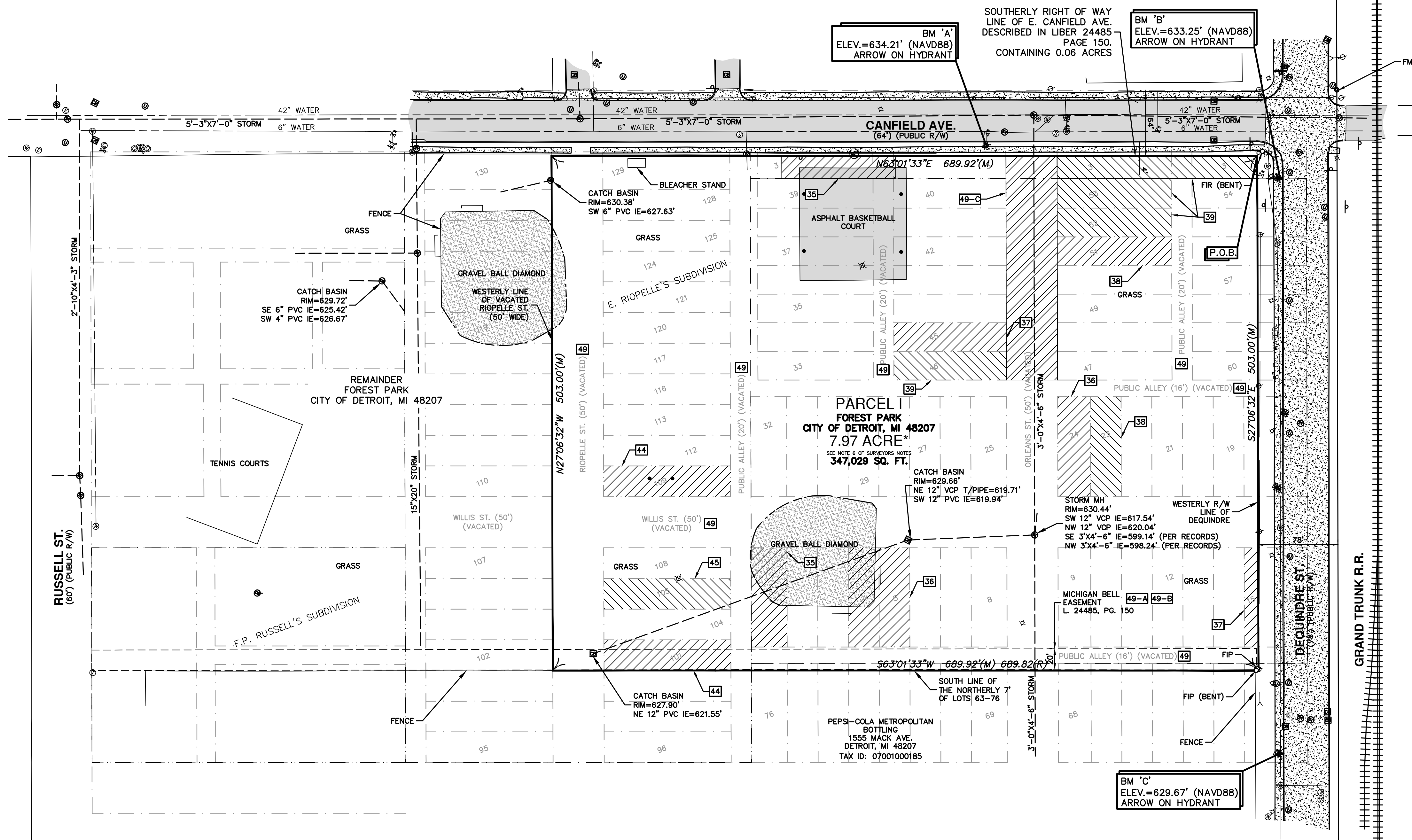
Designer:  
**FRZ**

CADD:  
**FRZ**

Checked By:  
**FRZ**

Sheet No.  
**1**

DRAWING NOTE: SCALE EXPECTED TO BE 1" = 4000' FOR 24" X 36" AND WILL SCALE ACCURATELY IF PRINTED ON ANY OTHER SIZE MEDIA.  
NO REPRODUCTION SHALL BE MADE WITHOUT THE PRIOR CONSENT OF SME.



### SURVEYORS CERTIFICATE:

TO: (i) WOLVERINE PACKING CO., A MICHIGAN CORPORATION; (ii) FIRST AMERICAN TITLE INSURANCE COMPANY; AND (iii) CITY OF DETROIT, A MUNICIPAL CORPORATION;

THIS IS TO CERTIFY THAT THIS MAP OR PLAN AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS. THE FIELDWORK AS COMPLETED ON 04/27/2017.

*Fredd Ziorbon*  
FREDD ZIORBON, PS  
PROFESSIONAL SURVEYOR NO. 49352  
ZIORBON@SME-USA.COM

Dated: 01/08/18



### LEGEND

---	EX. PROPERTY LINE	⊙	EX. TELEPHONE MANHOLE
---	EX. EASEMENT LINE	⊙	EX. UTILITY MANHOLE
---	EX. CURB/PAVEMENT	⊙	EX. UTILITY POLE
---	EX. METAL FENCE	⊙	EX. GUY WIRE
---	EX. SIGN	⊙	EX. LIGHT POLE
---	FOUND MONUMENTATION AS NOTED	⊙	EX. UNDERGROUND TELEPHONE
---	SET 1/2" CAPPED IRON ROD	⊙	EX. UNDERGROUND WATER
---	EX. WATER MAIN	⊙	EX. UNDERGROUND GAS SOIL BORING LOCATION
---	EX. HYDRANT	⊙	EX. CONCRETE
---	EX. WATER VALVE	⊙	EX. ASPHALT
---	EX. WATER MANHOLE	⊙	TITLE EXCEPTION
---	EX. SANITARY SEWER	⊙	(T)
---	EX. SANITARY MANHOLE	⊙	(M)
---	EX. STORM INLET/CATCH BASIN EX.	⊙	
---	EX. STORM MANHOLE	⊙	
---	EX. STORM SEWER	⊙	
---	EX. OVERHEAD ELECTRIC	⊙	
---	EX. UNDERGROUND GAS	⊙	

### SURVEYORS NOTES:

- THE BEARING BASIS FOR THE SITE IS NAD83 MICHIGAN STATE PLANE, SOUTH ZONE, INTERNATIONAL FEET.
- DATE OF SURVEY: APRIL 27, 2017.
- SOME FEATURES SHOWN ON SURVEY MAY BE OUT OF SCALE FOR CLARITY.
- DIMENSIONS ON THIS SURVEY ARE EXPRESSED IN FEET AND DECIMAL PARTS THEREOF UNLESS OTHERWISE NOTED.
- NO BUILDINGS EXISTING ON THE SURVEYED PROPERTY.
- ACTUAL PROPERTY ACREAGE EQUALS 7.97 ACRES.

### LEGAL DESCRIPTION:

WOLVERINE PARCEL  
LAND IN THE CITY OF DETROIT, COUNTY OF WAYNE AND THE STATE OF MICHIGAN BEING LOTS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, THE WEST 63.84 FEET OF LOTS 54 THROUGH 60, BOTH INCLUSIVE, LOT 15 AND LOT 18 EXCEPT THAT PART TAKEN FOR THE WIDENING OF DEQUINDRE STREET, "STOPEL'S SUBDIVISION OF THE SOUTH 1/4 OF OUT LOT 3 AND PART OF LOT 8 OF THE SUBDIVISION OUT LOT 4, DEQUINDRE FARM" AS RECORDED IN LIBER 8, PAGE 77 OF PLATS, W.C.R., ALSO, THE NORTH 7 FEET OF LOTS OF 63 THROUGH 76, BOTH INCLUSIVE, AND THE NORTH 7 FEET OF LOT 62 EXCEPT THAT PART TAKEN FOR THE WIDENING OF DEQUINDRE STREET, "STOPEL'S SUBDIVISION OF PART OF LOTS 7 AND 8, OUT LOT 4, DEQUINDRE FARM" AS RECORDED IN LIBER 12, PAGE 14 OF PLATS, W.C.R., ALSO LOTS 101, 104, 105, 108, 109, 112, 113, 116, 117, 120, 121, 124, 125, 128, 129 OF "E. RIOPELLE'S SUBDIVISION OF PART OF THE RIOPELLE FARM NORTH OF SUPERIOR STREET" AS RECORDED IN LIBER 1, PAGE 314 OF PLATS, W.C.R., ALSO, ALL THAT PART OF OUT LOT 3 THAT LIES NORTH OF A LINE DRAWN 26.10 FEET SOUTH OF THE SOUTH LINE OF CANFIELD AVENUE, WEST OF THE WEST LINE OF DEQUINDRE STREET, AS WIDENED AND EAST OF A LINE DRAWN 495.68 FEET WEST OF THE WEST LINE OF DEQUINDRE STREET, AS WIDENED, OF "SUBDIVISION OF THE REAR OF THE ANTOINE DEQUINDRE FARM FOR THE ADMINISTRATION OF THE ESTATE OF ANTOINE RIVARD", AS RECORDED IN LIBER 15, PAGES 348-349 CITY RECORDS, W.C.R., TOGETHER WITH ALL OF THE VACATED ALLEYS AND STREETS ADJACENT TO THE SAME.

ALSO DESCRIBED AS:  
BEGINNING AT THE INTERSECTION OF THE SOUTH LINE OF CANFIELD AVENUE AND WEST LINE OF DEQUINDRE STREET, AS WIDENED, THENCE SOUTHERLY 503 FEET ALONG THE SAID WEST LINE OF DEQUINDRE STREET, AS WIDENED; THENCE WESTERLY 689.92 FEET ALONG THE NORTH LINE OF BOTTLING GROUP LLC PROPERTY, AS DESCRIBED IN QUIT CLAIM DEED, RECORDED IN LIBER 30186, PAGE 5129, W.C.R.; THENCE NORTHERLY 503 FEET ALONG THE WEST LINE OF VACATED RIOPELLE STREET, THENCE EAST 689.92 FEET ALONG THE SOUTH LINE OF CANFIELD AVENUE TO THE POINT OF BEGINNING, CONTAINING 6.03 (SEE NOTE 6 OF SURVEYORS NOTES) ACRES OF LAND, MORE OR LESS.

REV	ISSUED FOR	DATE	BY
01	REV. PER ESSED AND CLIENT	01/30/2018	KMA
02	APPROACH REVISION PER CLIENT	02/09/2018	KMA
03	ROW PERMIT SUBMITTAL	02/14/2018	KMA
04	REV. PER CLIENT AND DWSD	03/05/18	KMA
05	REV. PER DPW AND DWSD/4.5' BLD. MOVE	03/29/18	KMA
06	ROW Permit Submittal	04/12/18	KMA
07	ROW PERMIT RE-SUBMITTAL	04/18/18	KMA
08	Changes Per Tippmann	04/25/18	KMA

Date **01-23-18**

SME Project No. **076589.00**

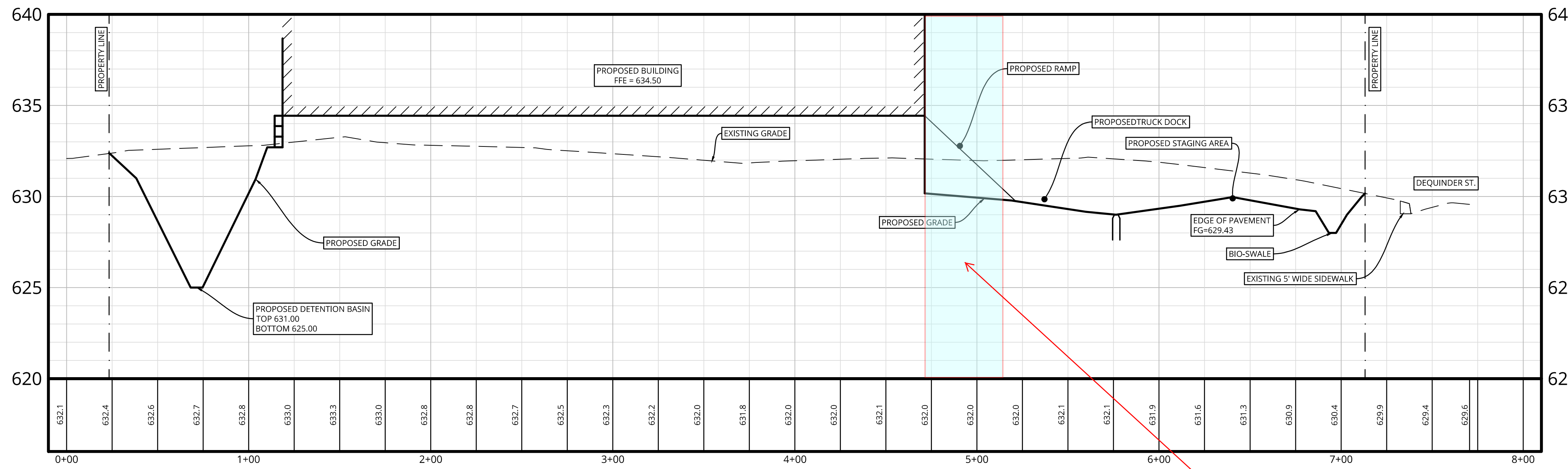
Project Manager: **KMA**

Designer: **KA**

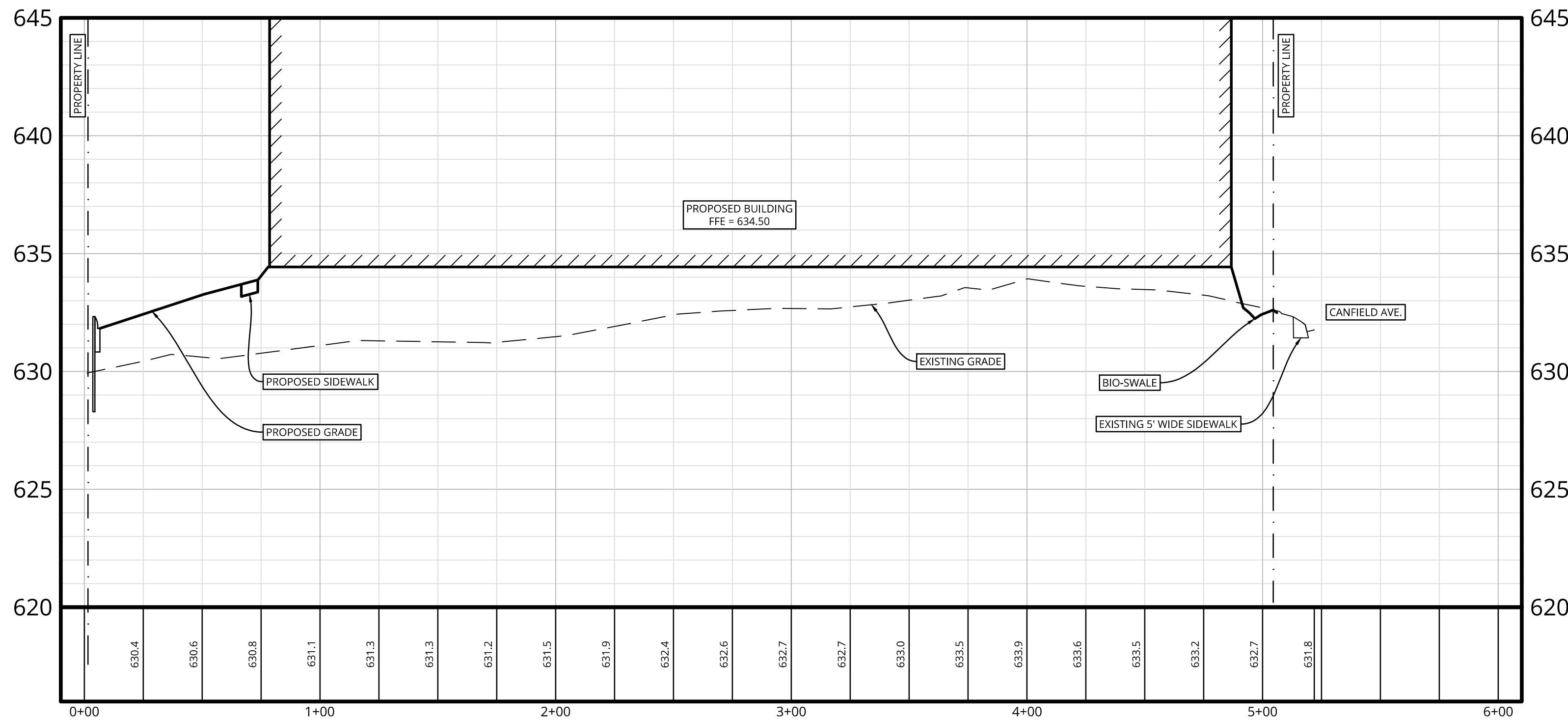
CADD: **HJC**

Checked By: **BH**

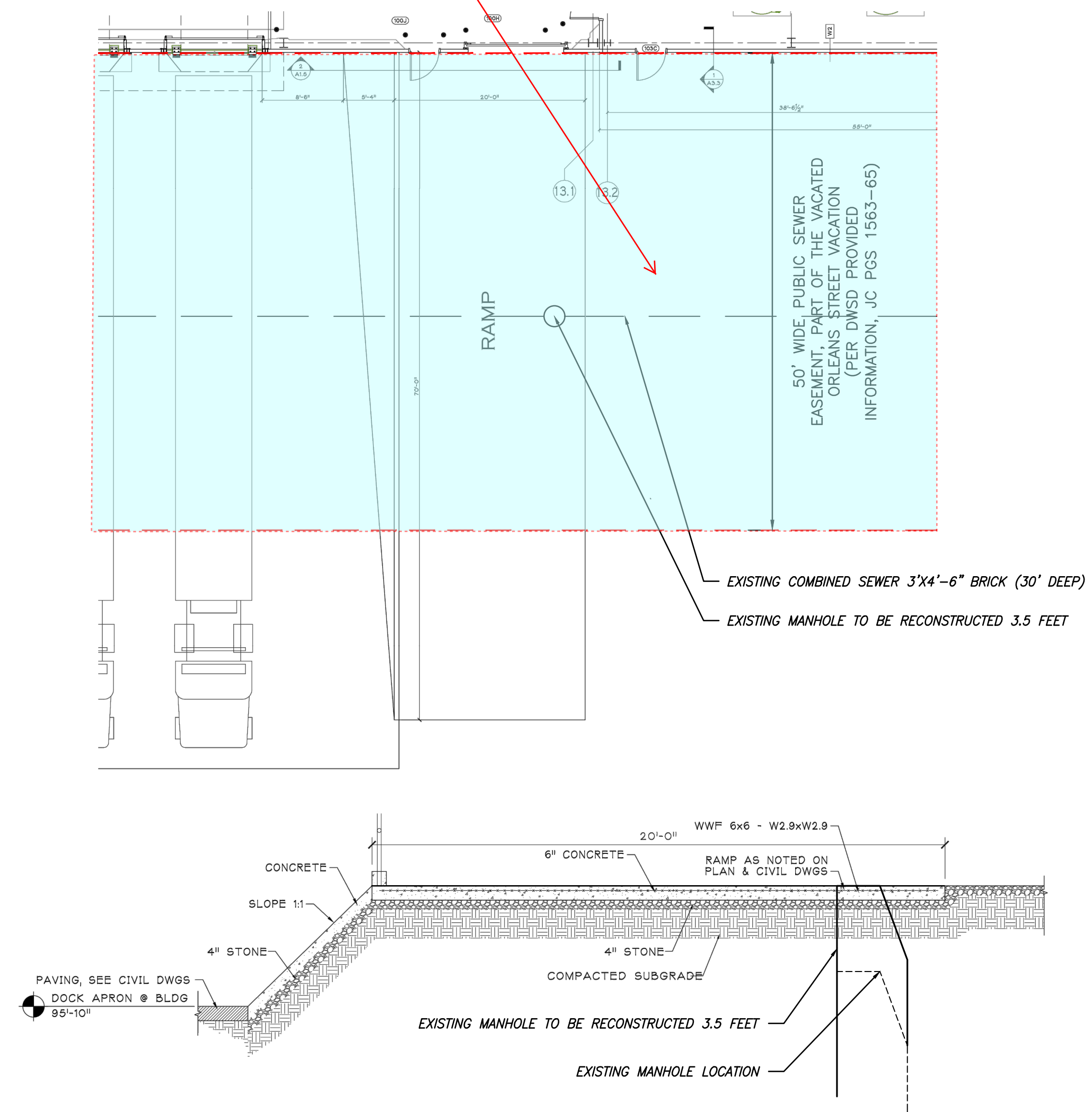
Sheet No. **C-106.1**



**PROPOSED SITE CROSS SECTION - A-A**  
SCALE: 1" = 40' H; 4' V



**PROPOSED SITE CROSS SECTION - B-B**  
SCALE: 1" = 40' H; 4' V



**PROPOSED SITE CROSS SECTION - C-C**  
SCALE: NOT TO SCALE

NOTES  
IMAGES PROVIDED FROM TIPPAMANN, THE DRAWING NAME IS ENLARGED MACHINE ROOM FLOOR PLAN, DRAWING DATED 12/29/17, WITH A REVISION DATE OF 03/23/18, SHEET NUMBER A1.5.

**NOT FOR CONSTRUCTION**