

Janice M. Winfrey
City Clerk

City of Detroit
OFFICE OF THE CITY CLERK

Andre P. Gilbert II
Deputy City Clerk

DEPARTMENT PETITION REFERENCE COMMUNICATION

To: The Department or Commission Listed Below

From: Janice M Winfrey, Detroit City Clerk

The following petition is herewith referred to you for report and recommendation to the City Council.

In accordance with that body's directive, kindly return the same with your report in duplicate within four (4) weeks.

Petition No.	2024-048
Name of Petitioner	Great Lakes Water Authority
Description of Petition	Petition for the Outright Vacation of part of Freud Street and adjacent public alleys, between Conner Street and Navahoe Street. Also, for the dedication of land for the new alignment of Freud Street.
Type of Petition	Alley Vacation/Encroachment/Utility Vacation
Submission Date	02/12/2024
Concerned Departments	Department of Public Works, Planning and Development Department, City Engineering Division
Petitioner Contact	Arcadis of Michigan, LLC 607 Shelby Street Suite 400 Detroit, MI 48226 United States Phone: 313-965-8436 www.arcadis.com



**CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
CITY ENGINEERING DIVISION**

**COLEMAN A. YOUNG MUNICIPAL CENTER
2 WOODWARD AVE. SUITE 601
DETROIT, MICHIGAN 48226
PHONE: (313) 224-3949 TTY: 711
WWW.DETROITMI.GOV**

To: Clerk's Office
From: The Department of Public Works
City Engineering Division
MapsandRecordsBureau@DetroitMI.Gov
(313) 224-3970

Petitioner:
Great Lakes Water Authority
Represented by Arcadis of Michigan, LLC
607 Shelby Street, Suite 400
Detroit, MI, 48226

On behalf of the above-mentioned petitioner the Department of Public Works: City Engineering Division is submitting a petition request for the action below. The petitioner has received a project consultation from the Department of Public Works: City Engineering Division and has been advised the following:

Type of action recommended:

Petition for the Outright Vacation of part of Freud Street and adjacent public alleys, between Conner Street and Navahoe Street. Also, for the dedication of land for the new alignment of Freud Street.

Jered Dean
Manager II
Department of Public Works
City Engineering Division
313-224-3985

City of Detroit Department of Public Works
Right of Way Management
7791 Davison W
Detroit, Michigan 48238

Arcadis of Michigan, LLC
607 Shelby Street
Suite 400
Detroit, MI 48226
United States
Phone: 313 965 8436
www.arcadis.com

Date: May 24, 2023
GLWA Contract No. 2204605
Our Ref: 30047523
Subject: Freud Pump Station Improvements – Petition Letter of Intent

Dear Department of Public Works:

This correspondence serves as Great Lakes Water Authority's (GLWA) letter of intent to petition the City of Detroit for a vacation and dedication of the right-of-way (ROW) application. The changes are necessary to allow for construction of the proposed Freud Pump Station Improvements.

GLWA operates Freud Storm Pump Station located at 12300 Freud Street, Detroit, MI 48125 which was constructed in the 1950's. The pump station receives flow from the 16-ft diameter Ashland Relief Sewer and the 16-ft diameter Fox Creek Relief Sewer and both relief sewers are located within the Freud Street ROW. Dry weather flow is pumped to the East Jefferson Sewer through a 5-ft diameter sewer on Tennessee Street and wet weather flow is pumped to the Conner Creek CSO Basin and Treatment Facility. The Freud Storm Pump Station is a critical component in relaying wastewater and storm water generated in the eastern portion of Detroit to the Fairview Pump Station, and ultimately, to the Detroit Water Resources Recovery Facility (WRRF). The operation of this facility is critical to prevent flooding of stakeholder's premises and protect the water quality in the Detroit River and ultimately the drinking water supply for Detroit.

The purpose of the Freud Pump Station Improvements project is to make modifications and enhancements to the pump station to protect the health, safety and welfare of residents served by improving operability, reliability, integrity, and maintainability. Key design project components include:

1. Construction of a new Isolation Shaft over the existing 16-ft diameter Ashland Relief and 16-ft diameter Fox Creek Relief Sewers on Freud Street between Conner Street and Navahoe Street. The structure will be approximately 80-ft deep with an inside diameter of approximately 70-ft. Proposed shaft will include provisions that allow GLWA to block flow to the Freud Pump Station during dry weather so the wet well can be drained, inspected and maintained. The shaft will also include a wet well with four (4) submersible pumps that will pump dry weather flow (up to 30-mgd) through a new force main on Navahoe Street to the 9-ft diameter Detroit River Interceptor on East Jefferson Avenue.
2. Construction of new 30 mgd Freud Sanitary Pump Station. A new maintenance building will house the stop logs, electrical equipment, pump station controls, and bridge crane system to move the stop logs and submersible pumps. The proposed building is approximately 87-ft long, 50-ft wide and 35-ft tall. A courtyard will enclose the two (2) gate actuators, transformer, and emergency generator. The main floor elevation of the building will be above the 500-year flood elevation (EL. 101.00 Detroit Datum).

3. Since the Freud Sanitary Pump Station will be located in the existing Freud Street ROW, Freud Street needs to be relocated to the north. Existing utilities need to be re-routed along the new Freud Street alignment for construction of the Freud Sanitary Pump Station. GLWA has acquired 22 properties for the proposed improvements. Environmental Site Assessments have been completed for these parcels and are available upon request.

The following information has been uploaded as requested in the Petition application process:

1. Drawing C-02-101 Overall Site Plan
2. Drawing C-02-103 Utility Plan
3. Freud Pump Station Improvements Legal Descriptions 1 of 2
4. Freud Pump Station Improvements Legal Descriptions 2 of 2

This information was previously submitted to the Office of the Assessor and revised based on their input.

GLWA – Owner

- Mini Panicker, PE (mini.panicker@glwater.org) – Project Manager
- Todd King, PE (todd.king@glwater.org) – System Resiliency Officer
- Biren Saparia (biren.saparia@glwater.org) – Director, Systems Operations Control, Water and Field Services
- Tom Hall (thomas.hall@glwater.org) – Field Services

Engineering Consulting Team

- Jeff Swartz, PE (jeffry.swartz@arcadis.com) – Project Manager (Arcadis)
- Tom Armstrong, PE (thomas.armstrong@arcadis.com) – Water Resource Manager (Arcadis)
- Fred Simmons, PE (fred.simmons@arcadis.com) – Process Mechanical Design Lead (Arcadis)
- Jim O'Neill, PE (joneill@brwnncald.com) – Site Civil Design Lead (Brown and Caldwell)

GLWA and Arcadis have coordinated this project with various departments within the City of Detroit over the last two (2) years. The project was first introduced to the City of Detroit (DPW City Engineering Division) on August 18, 2020. Based on that meeting and modifications to the design, we initiated the City's Preliminary Plan Review process and conducted a meeting on July 13, 2021. After multiple meetings with Planning and Development Department and design iterations, the project received approval from Planning and Development in early 2023.

City of Detroit Department of Public Works
Right of Way Management
May 24, 2023

GLWA and Arcadis look forward to working with the City of Detroit for this critical infrastructure project. We appreciate the City's timely review and processing of this request and are available to meet and provide additional information as needed.

Sincerely,
Arcadis of Michigan, LLC

A handwritten signature in blue ink, appearing to read 'Jeffrey J. Swartz', with a stylized flourish at the end.

Jeffrey J. Swartz, PE
Project Manager

Email: Jeffrey.Swartz@arcadis.com
Mobile: 419.450.4316

Copy:

Ms. Mini Panicker, PE (GLWA)
Mr. Todd King, PE (GLWA)
Mr. Biren Saparia (GLWA)
Mr. Tom Hall (GLWA)



- NOTES:**
1. EXISTING CURB PAVEMENT SHALL BE RELOCATED OUT OF THE LIMITS OF WORK FOR ISOLATION SHAFT AND OTHER CONFLICT AREAS. UTILITY RELOCATION PLANS SHALL BE PROVIDED BY UTILITY OWNERS.
 2. LIMIT OF WORK FOR ISOLATION SHAFT = 200 FEET DIAMETER FROM CENTER OF SHAFT. SEE STRUCTURAL DRAWINGS FOR DETAILS.
- KEY NOTES:**
1. LIMIT OF WORK FOR EXISTING FREUD SANITARY PUMP STATION PROJECT.
 2. LIMIT OF WORK FOR ISOLATION SHAFT = 200 FEET DIAMETER FROM CENTER OF SHAFT. SEE STRUCTURAL DRAWINGS FOR DETAILS.

PLAN

SCALE: 1" = 30'

0' 30' 60'

N

MAY 2020

BASIS OF COORDINATES: CITY OF DETROIT (CONVERSION FROM CITY OF DETROIT DATUM TO NAVD83: CITY OF DETROIT DATUM + 479.25 = NAVD83)

TOTAL PROJECT NO. P41004061 V. 1

DATE OF ISSUE: 2204605

DATE OF PREP: 232002

DRAWING NO. C-02-101

SECTION MAP: 0 1 2 D

TOWN: G

RANGE: 1

SECTION: 9

CORNER: 324

LEGAL ENTITY: ARCADIS

ARCADIS

BROWN AND CALDWELL

LEGAL ENTITY: BROWN AND CALDWELL, LLC

CORNER: 324

GLWA

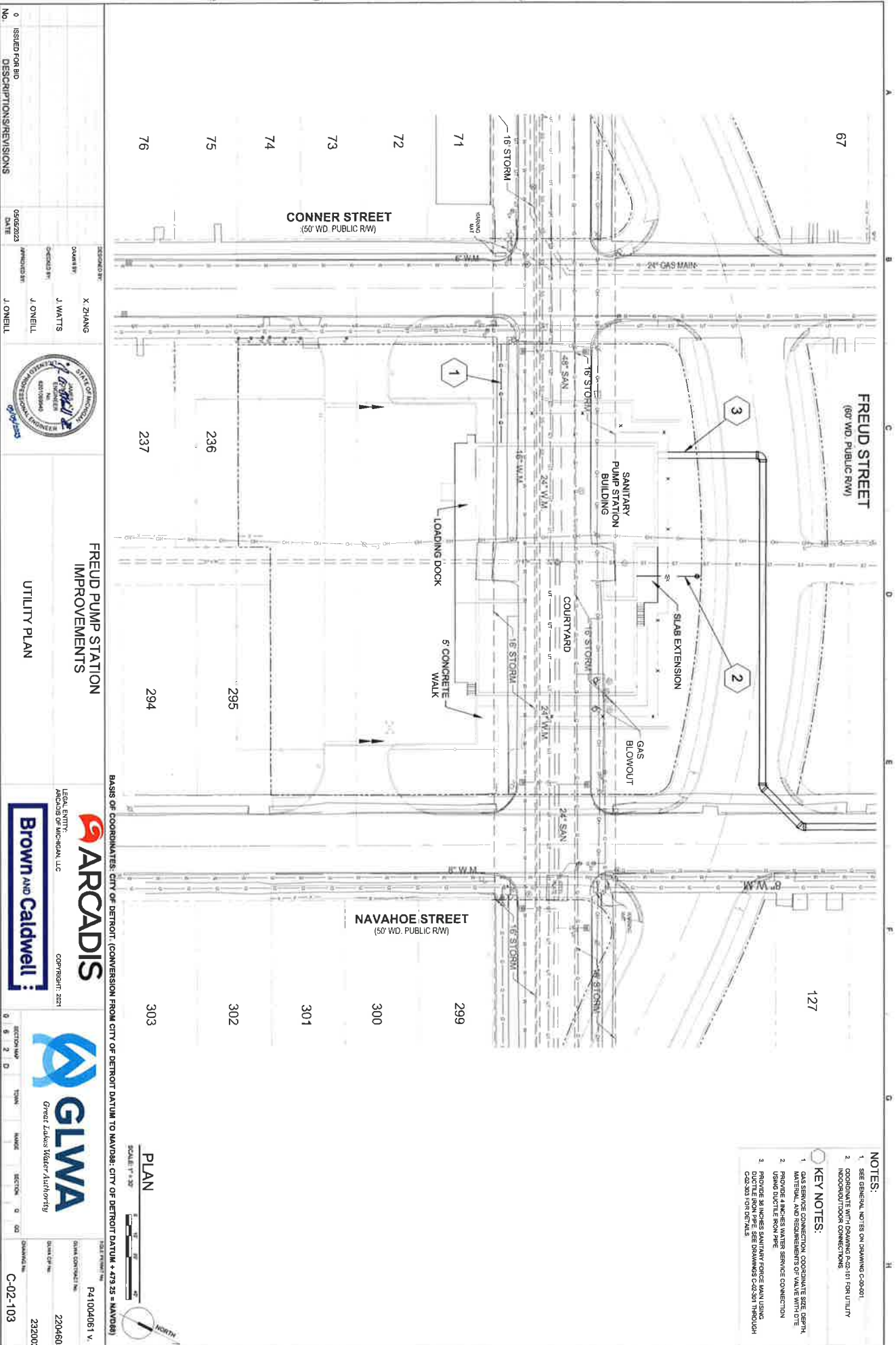
Great Lakes Water Authority

ISSUED FOR BID: DESCRIPTIONS/REVISIONS

No.	ISSUED FOR BID	DESCRIPTIONS/REVISIONS	DATE	APPROVED BY	DESIGNED BY	DRAWN BY	CHECKED BY
0				J. O'NEILL	X. ZHANG	J. WATTS	J. O'NEILL

OVERALL SITE PLAN

FREUD PUMP STATION IMPROVEMENTS



- NOTES:**
1. SEE GENERAL NOTES ON DRAWING C-001
 2. COORDINATE WITH DRAWING C-021 FOR UTILITY INFORMATION (50' WID. CONCRETE RW)
- KEY NOTES:**
1. GAS SERVICE CONNECTION COORDINATE SEE DEPTH MATERIAL AND RESTRICTIONS OF WALK FROM SITE
 2. PROVIDE 18\"/>
 - 3. REMOVE 4\"/>
- DATE: 05/05/2023

0 ISSUED FOR BID DESCRIPTIONS/REVISIONS	05/05/2023 DATE	J. ONELL APPROVED BY	J. ONELL DRAWN BY
	X. ZHANG CHECKED BY	J. WATTS DESIGNED BY	J. ONELL APPROVED BY



FREUD PUMP STATION IMPROVEMENTS
 UTILITY PLAN

ARCADIS
 LEGAL ENTITY:
 A RCADIS OF MICHIGAN, LLC
 COPYRIGHT: 2021

Brown and Caldwell

GLWA
 Great Lakes Water Authority

SCALE: 1" = 30'

PLAN

SECTION MAP: 0 1 2 3 4 5 6 7 8 9 10

DATE: 05/05/2023

DRAWING NO.: C-02-103

PROJECT NO.: P41004061 V. 1

DATE: 05/05/2023

2204605

232002

BASIS OF COORDINATES: CITY OF DETROIT. (CONVERSION FROM CITY OF DETROIT DATUM TO NAVD83: CITY OF DETROIT DATUM + 473.25 = NAVD83)

FREUD STREET VACATION DESCRIPTION

Part of Grosse Pointe Lands Company Subdivision, being part of Private Claim 388, City of Detroit, Wayne County, Michigan, as recorded in Liber 27, Page 91, Wayne County Records, and part of AM Campau Realty Co., being part of Private Claim 322, City of Detroit, Wayne County, Michigan, as recorded in Liber 32, Page 87, Wayne County Records, described as: Commencing at the Northeast corner of Lot 211 of said Grosse Pointe Lands Company Subdivision for a Point of Beginning; thence N26°51'41"W 60.00 feet; thence N63°01'27"E 860.36 feet; thence S26°55'14"E 60.00 feet; thence S63°01'27"W 860.42 feet to the Point of Beginning. Excepting right-of-way of the Platted street crossings of Tennessee Street, Corner Street, Navaho Street, and Algonquin street. Contains 0.87 acres.

ALLEY VACATION DESCRIPTIONS

ALLEY B.1 VACATION DESCRIPTION: Part of AM Campau Realty Co., being part of Private Claim 322, City of Detroit, Wayne County, Michigan, as recorded in Liber 32, Page 87, Wayne County Records, described as: 18 foot public alley adjacent to Lots 229, 230, and 231 of said AM Campau Realty Co.. Contains 1800.00 square feet

ALLEY D.2 VACATION DESCRIPTION: Part of AM Campau Realty Co., being part of Private Claim 322, City of Detroit, Wayne County, Michigan, as recorded in Liber 32, Page 87, Wayne County Records, described as: 18 foot public alley adjacent to Lots 296, 297, and 298, and the West 17 feet of Lot 295 of said AM Campau Realty Co.. Contains 2196.00 square feet.

PARCEL G.1 DESCRIPTION (18 WIDE RELOCATED ALLEY): Part of Lot 295, AM Campau Realty Co., being part of Private Claim 322, City of Detroit, Wayne County, Michigan, as recorded in Liber 32, Page 87, Wayne County Records, described as: Commencing at the Northeast corner of said Lot 295 as a Point of Beginning; thence S82°58'46"W 100.00 feet along the East line of said Lot 295; thence N26°55'14"W 18.00 feet along the South line of said Lot 295; thence N62°58'46"E 100.00 feet along the North line of said Lot 295; thence S26°55'14"E 18.00 feet along the East line of said Lot 295 to the Point of Beginning. Contains 1800.00 square feet. Subject to any and all easements, restrictions, right-of-way of record.

Pursuant to the alley rights per A.M. Campau Realty Company, Subdivision of part of the Lafferty Farm, P.C. 322, lying Southerly of Jefferson Avenue, conforming to the general plan of the City.

BASIS OF BEARING: NAD83 Michigan State Planes, South Zone, International Foot

CERTIFICATE OF SURVEY

This survey was made from the legal description shown above. The description should be compared with the Abstract of Title or Title Policy for accuracy, easements and exceptions.

SURVEYORS CERTIFICATE:
I certify that the requirements for 1970 PA 132, MCL 54.213 have been met. The relative positional precision of the corners identified for this survey and shown on the map are within the limits accepted by the practice of professional surveying.

By: 
Brandon G. Parent Licensed Professional Surveyor No. 4001063096

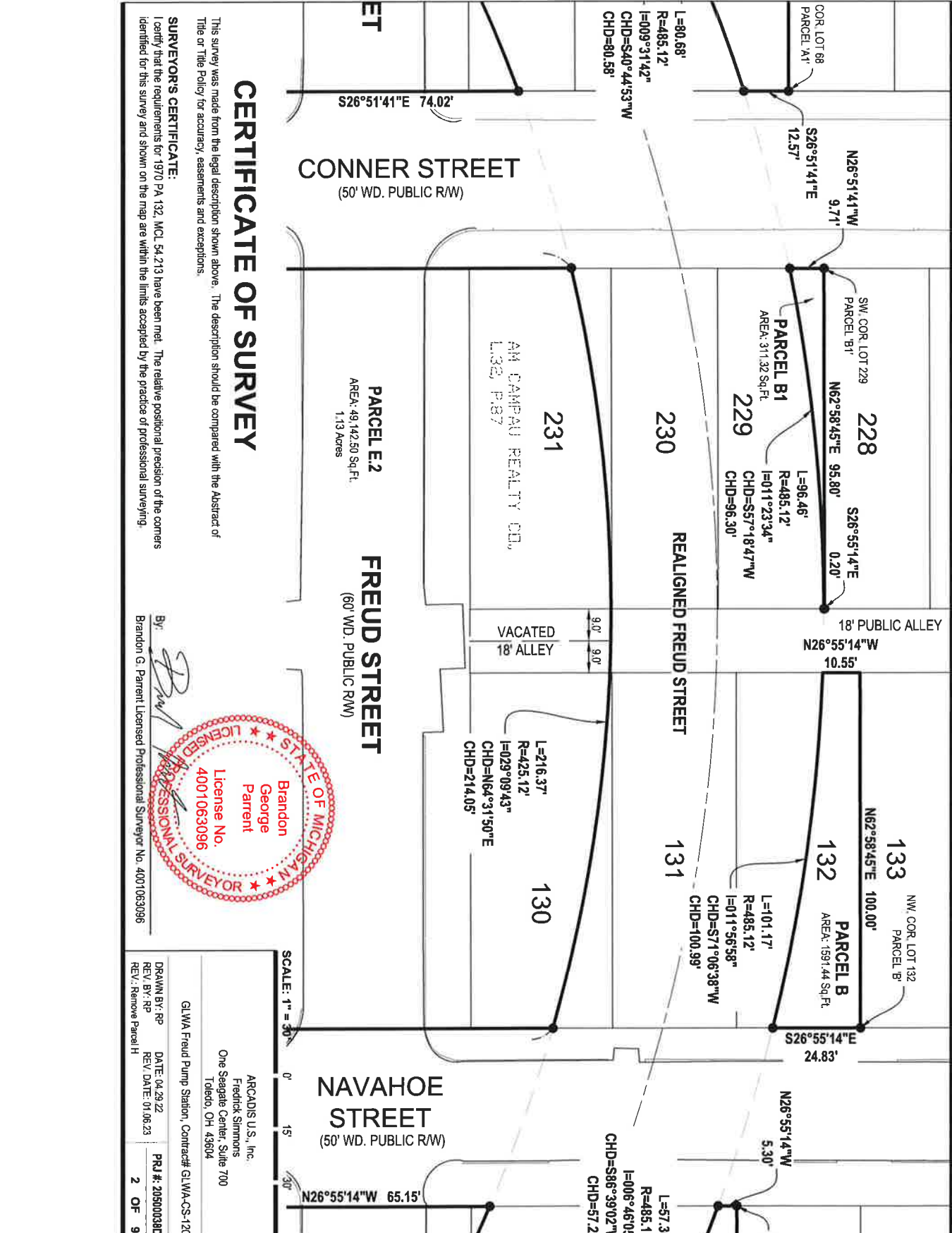


NO SCALE

ARCADIS U.S., Inc. Fredrick Simmons One Seagate Center, Suite 700 Toledo, OH 43604	
GLWA Freud Pump Station, Contract# GLWA-CS-120	DATE: 04.29.22
DRAWN BY: RP	REV. DATE: 01.05.23
REV. BY: RP	REV. DATE: 01.05.23
REV. Reverse alleys being vacated	
PRJ #: 20500038DSC2.2	2 OF 2



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CERTIFICATE OF SURVEY

This survey was made from the legal description shown above. The description should be compared with the Abstract of Title or Title Policy for accuracy, easements and exceptions.

SURVEYORS CERTIFICATE:
I certify that the requirements for 1970 PA 132, MCL 54.213 have been met. The relative positional precision of the corners identified for this survey and shown on the map are within the limits accepted by the practice of professional surveying.

By: 
Brandon G. Parent Licensed Professional Surveyor No. 40071063096



SCALE: 1" = 30'



ARCADIS U.S., Inc.
Frederick Simmons
One Seagate Center, Suite 700
Toledo, OH 43604

GLWA Freud Pump Station, Contract# GLWA-CS-120

DATE: 04.29.22
REV. DATE: 01.06.23

DRAWN BY: RP
REV. BY: RP
REV. REMOVE PARCEL H

PRJ # 205000380DSC.3
2 OF 9

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303 Miller Rd
Ann Arbor, MI 48103
Chicago, Columbus, Grand Rapids,
Holland, Indianapolis, St. Louis

DESCRIPTION

672 CONNER

Lot 236, A.M. CAMPBAU REALTY COMPANY SUBDIVISION of part of the Lafferty Farm, Private Claim 322, lying southerly of Jefferson Avenue, Detroit, Wayne County, Michigan, according to the plat thereof as recorded in Liber 32, page 87 of Plats, Wayne County Records.

(Detroit Title and Escrow Agent, File No. FT-16515, dated October 31, 2022; Quit Claim Deed as recorded in Liber 21464, Page 551, WCR)

675 NAVAHOE

Lot 295, A.M. Campbau Realty Co Subdivision, according to the plat thereof, as recorded in Liber 32, Page 87 of Plats, Wayne County Records.

(Detroit Title and Escrow Agent, File No. FT-16495, dated October 28, 2022; Quit Claim Deed as recorded in Liber 54799, Page 175, WCR)

678 CONNER

Lot 235, A. M. Campbau Realty Company Subdivision, according to the plat thereof, as recorded in Liber 32, Page 87 of Plats, Wayne County Records.

(Detroit Title and Escrow Agent, File No. FT-15194, dated March 4, 2022; Warranty Deed as recorded in Liber 54131, Page 1369, WCR)

681 NAVAHOE

Lot 296, A. M. Campbau Realty Company Subdivision, according to the plat thereof, as recorded in Liber 32, Page 87 of Plats, Wayne County Records.

(Detroit Title and Escrow Agent, File No. FT-15100, dated February 22, 2022; Quit Claim Deed as recorded in Liber 56021, Page 1236, WCR)

**CERTIFICATE OF SURVEY
DESCRIPTION**

682 CONNER

Lot 234, A. M. Campbau Realty Company Subdivision, according to the plat thereof, as recorded in Liber 32, Page 87 of Plats, Wayne County Records.

(Detroit Title and Escrow Agent, File No. FT-15187, dated March 4, 2022; Warranty Deed as recorded in Liber 54131, Page 1369, WCR)

686 CONNER

Lot 233, A. M. Campbau Realty Company Subdivision, according to the plat thereof, as recorded in Liber 32, Page 87 of Plats, Wayne County Records.

(Detroit Title and Escrow Agent, File No. FT-15188, dated March 4, 2022; Quit Claim Deed as recorded in Liber 54800, Page 151, WCR)

687 NAVAHOE

Lot 297, A. M. Campbau Realty Company Subdivision, according to the plat thereof, as recorded in Liber 32, Page 87 of Plats, Wayne County Records.

(Detroit Title and Escrow Agent, File No. FT-15101, dated February 22, 2022; Quit Claim Deed as recorded in Liber 52589, Page 578, WCR)

692 CONNER

Lot 232, A. M. Campbau Realty Company Subdivision, according to the plat thereof, as recorded in Liber 32, Page 87 of Plats, Wayne County Records.

(Detroit Title and Escrow Agent, File No. FT-15103, dated February 22, 2022; Quit Claim Deed as recorded in Liber 52316, Page 1009, WCR)

DESCRIPTION

693 NAVAHOE

Lot 298, A. M. Campbau Realty Company Subdivision, according to the plat thereof, as recorded in Liber 32, Page 87 of Plats, Wayne County Records.

(Detroit Title and Escrow Agent, File No. FT-15107, dated February 23, 2022; Warranty Deed as recorded in Liber 57048, Page 798, WCR)

700 CONNER

Lot 231, A. M. Campbau Realty Company Subdivision, according to the plat thereof, as recorded in Liber 32, Page 87 of Plats, Wayne County Records.

(Detroit Title and Escrow Agent, File No. FT-15189, dated March 4, 2022)

700 NAVAHOE

Lot 129, A. M. Campbau Realty Company Subdivision, according to the plat thereof, as recorded in Liber 32, Page 87 of Plats, Wayne County Records.

(Detroit Title and Escrow Agent, File No. FT-15102, dated February 22, 2022; Quit Claim Deed as recorded in Liber 56609, Page 634, WCR)

701 CONNER

Lot 70, Grosse Pointe Lands COS Subdivision, according to the plat thereof, as recorded in Liber 27, Page 91 of Plats, Wayne County Records.

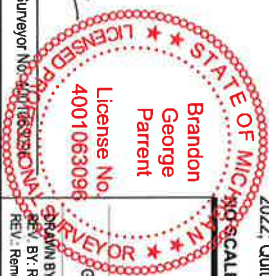
(Detroit Title and Escrow Agent, File No. FT-15104, dated February 22, 2022; Quit Claim Deed as recorded in Liber 51895, Page 1402, WCR)

This survey was made from the legal description shown above. The description should be compared with the Abstract of Title or Title Policy for accuracy, assessments and exceptions.

SURVEYOR'S CERTIFICATE:

I certify that the requirements for 1970 PA 132, MCL 54.213 have been met. The relative positional precision of the corners identified for this survey and shown on the map are within the limits accepted by the practice of professional surveying.

By: 
Brandon G. Parent Licensed Professional Surveyor No. 4001063098



ARCADIS U.S., Inc.
Fredrick Simmons
One Seagate Center, Suite 700
Toledo, OH 43604

GLWA Field Pump Station, Contract# GLWA-CS-120

DATE: 04-29-22
REV. DATE: 01-06-23

PRJ #: 2050003DSC.3
5 OF 9

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Ann Arbor
307 Miller Rd.
Ann Arbor, MI 48103
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DESCRIPTION

PARCEL A DESCRIPTION: Part of Lot 87, Grosse Pointe Lands Company Subdivision, being part of Private Claim 388, City of Detroit, Wayne County, Michigan, as recorded in Liber 27, Page 91, Wayne County Records, described as: Commencing at the Southwest corner of said Lot 87 as a Point of Beginning; thence N63°06'19"E 100.00 feet along the West line of said Lot 87; thence S26°51'41"E 1.93 feet along the North line of said Lot 87; thence Southwesterly 103.32 feet along a 425.40 foot radius curve to the right, said curve having a central angle of 13°54'57", and a chord bearing S49°07'53"W 103.06 feet; thence N26°5'14"W 26.81 feet to the Point of Beginning. Contains 1652.50 square feet. Subject to any and all easements, restrictions, right-of-way of record.

PARCEL A1 DESCRIPTION: Part of Lots 68 and 69, Grosse Pointe Lands Company Subdivision, being part of Private Claim 388, City of Detroit, Wayne County, Michigan, as recorded in Liber 27, Page 91, Wayne County Records, described as: Commencing at the Northwest corner of said Lot 68 as a Point of Beginning; thence S26°5'14"E 12.57 feet along the North line of said Lot 68; thence Southwesterly 80.68 feet along a 485.12 foot radius curve to the left, said curve having a central angle of 09°31'42", and a chord bearing S40°44'53"W 80.56 feet; thence Southwesterly 26.50 feet along a 425.40 foot radius curve to the right, said curve having a central angle of 03°34'10", and a chord bearing S37°46'07"W 26.50 feet; thence N26°5'14"W 54.56 feet; thence N63°06'19"E 98.45 feet along the West line of said Lot 68 to the Point of Beginning. Contains 3162.88 square feet. Subject to any and all easements, restrictions, right-of-way of record.

CERTIFICATE OF SURVEY DESCRIPTION

PARCEL B DESCRIPTION: Part of Lot 132, AM Campau Realty Co., being part of Private Claim 322, City of Detroit, Wayne County, Michigan, as recorded in Liber 32, Page 87, Wayne County Records, described as: Commencing at the Northwest corner of said Lot 132 as a Point of Beginning; thence S26°55'14"E 24.83 feet along the North line of said Lot 132; thence Southwesterly 101.17 feet along a 485.12 foot radius curve to the left, said curve having a central angle of 11°56'58", and a chord bearing S71°06'38"W 100.99 feet; thence N26°55'14"W 10.55 feet along the South line of said Lot 132; thence N62°58'45"E 100.00 feet along the West line of said Lot 132 to the Point of Beginning. Contains 1591.44 square feet. Subject to any and all easements, restrictions, right-of-way of record.

PARCEL B1 DESCRIPTION: Part of Lot 229, AM Campau Realty Co., being part of Private Claim 322, City of Detroit, Wayne County, Michigan, as recorded in Liber 32, Page 87, Wayne County Records, described as: Commencing at the Southwest corner of said Lot 229 as a Point of Beginning; thence N62°58'45"E 95.80 feet along the West line of said Lot 229; thence S26°55'14"E 0.20 feet along the North line of Lot 229 of said AM Campau Realty Co.; thence Southwesterly 96.46 feet along a 485.12 foot radius curve to the left, said curve having a central angle of 11°23'34", and a chord bearing S57°18'47"W 96.30 feet; thence N26°5'14"W 9.71 feet along the South line of said Lot 229 to the Point of Beginning. Contains 311.32 square feet. Subject to any and all easements, restrictions, right-of-way of record.

DESCRIPTION

PARCEL C DESCRIPTION: Part of Lots 128 and 129, AM Campau Realty Co., being part of Private Claim 322, City of Detroit, Wayne County, Michigan, as recorded in Liber 32, Page 87, Wayne County Records, described as: Commencing at the Southwest corner of said Lot 128 as a Point of Beginning; thence N62°58'45"E 100.00 feet along the West line of said Lot 128; thence S26°55'14"E 49.20 feet along the North line of said Lots 128 and 129; thence Southwesterly 51.90 feet along a 424.31 foot radius curve to the right, said curve having a central angle of 07°00'31", and a chord bearing S86°44'49"W 51.87 feet; thence Southwesterly 57.30 feet along a 485.12 foot radius curve to the left, said curve having a central angle of 06°46'05", and a chord bearing S86°39'02"W 57.27 feet; thence N26°55'14"W 5.30 feet along the South line of said Lot 128 to the Point of Beginning. Contains 2717.36 square feet. Subject to any and all easements, restrictions, right-of-way of record.

PARCEL C1 DESCRIPTION: Part of Lot 41, AM Campau Realty Co., being part of Private Claim 322, City of Detroit, Wayne County, Michigan, as recorded in Liber 32, Page 87, Wayne County Records, described as: Commencing at the Northwest corner of said Lot 41 as a Point of Beginning; thence S26°55'14"E 39.51 feet along the North line of said Lot 41; thence Southwesterly 104.02 feet along a 424.31 foot radius curve to the right, said curve having a central angle of 14°02'47", and a chord bearing S73°39'02"W 103.76 feet; thence N26°55'14"W 20.30 feet along the South line of said Lot 41 to the Point of Beginning. Contains 3270.50 square feet. Subject to any and all easements, restrictions, right-of-way of record.

BASIS OF BEARING: NAD83 Michigan State Planes South Zone, International Foot

This survey was made from the legal description shown above. The description should be compared with the Abstract of Title or Title Policy for accuracy, easements and exceptions.

SURVEYORS' CERTIFICATE: I certify that the requirements for 1970 PA 132, MCL 54.213 have been met. The relative positional precision of the corners identified for this survey and shown on the map are within the limits accepted by the practice of professional surveying.

By: 
Brandon G. Parrent, Licensed Professional Surveyor No. 4001063096



NO SCALE

NORTH

ARCADIS U.S., Inc. Fredrick Simmons One Seagate Center, Suite 700 Toledo, OH 43604		 <p>Ann Arbor 307 Miller Rd Ann Arbor, MI 48103 Chicago, Columbus, Grand Rapids, Holland, Indianapolis, St. Louis</p>
GLWA Field Pump Station, Contract# GLWA-CS-120	DATE: 04-29-22 REV. BY: RP REV. DATE: 01-06-23	
DRAWN BY: RP REV. BY: RP REV. DATE: 01-06-23	PRJ #: 2050003BDSC.3 7 OF 9	www.nederveld.com • 800.222.1988

DESCRIPTION

PARCEL D DESCRIPTION: Part of Lot 129, and vacated Freud Street adjacent to Lots 299 and 360, AM Campau Realty Co., being part of Private Claim 322, City of Detroit, Wayne County, Michigan, as recorded in Liber 32, Page 87, Wayne County Records, described as: Commencing at the Southwest corner of said Lot 299 as a Point of Beginning; thence N26°55'14"W 65.15 feet along the South line of said Lot 129 and an extension thereof; thence Northeastly 27.82 feet along a 425.12 foot radius curve to the right, said curve having a central angle of 03°45'00", and a chord bearing N88°08'43"E 27.82 feet; thence Northeastly 203.29 feet along a 484.31 foot radius curve to the left, said curve having a central angle of 24°02'59", and a chord bearing N78°12'44"E 201.80 feet; thence S26°55'14"E 0.30 feet; thence S62°58'46"W 220.00 feet along the West line of said Lots 299 and 360 to the Point of Beginning. Contains 5287.24 square feet. Subject to any and all easements, restrictions, right-of-way of record.

PARCEL E 2 DESCRIPTION: Part of Lots 130, 231, 232, 233, 234, 235, 236, 295, 296, 297, and 298, and vacated 18 foot public alley adjacent to said Lots 130, 296, 297, and 298, and adjacent to the West 17 feet of said Lot 295, and vacated Freud Street adjacent to said Lots 130 and 231, AM Campau Realty Co., being part of Private Claim 322, City of Detroit, Wayne County, Michigan, as recorded in Liber 32, Page 87, Wayne County Records, described as: Commencing at the Southeast corner of said Lot 236 as a Point of Beginning; thence N26°55'30"W 238.85 feet along the South line of said Lot 231 and an extension thereof, and the South line of said Lots 232, 233, 234, 235, and 236; thence Northeastly 216.37 feet along a 425.12 foot radius curve to the right, said curve having a central angle of 29°09'43", and a chord bearing N64°31'50"E 214.05 feet; thence S26°55'14"E 205.06 feet along the North line of said Lot 130 and an extension thereof, and the North line of said Lots 295, 296, 297, and 298; thence S62°58'46"W 118.00 feet; thence S26°55'14"E 28.00 feet along the North line of said Lot 236; thence S62°58'46"W 95.96 feet along the East line of said Lot 236 to the Point of Beginning. Contains 49,142.50 square feet, 1.13 acres. Subject to any and all easements, restrictions, right-of-way of record.

CERTIFICATE OF SURVEY DESCRIPTION

PARCEL F DESCRIPTION: Part of Lot 70, Grosse Pointe Lands Company Subdivision, being part of Private Claim 388, City of Detroit, Wayne County, Michigan, as recorded in Liber 27, Page 91, Wayne County Records, and that portion of vacated Freud Street adjacent to Lots 71 and 86 of said Grosse Pointe Lands Company Subdivision, described as: Commencing at the Southwest corner of said Lot 86 as a Point of Beginning; thence N26°51'41"W 2.79 feet; thence Northeastly 179.57 feet along a 485.61 foot radius curve to the left, said curve having a central angle of 21°11'13", and a chord bearing N46°22'07"E 178.55 feet; thence Northeastly 49.66 feet along a 425.12 foot radius curve to the right, said curve having a central angle of 08°41'35", and a chord bearing N39°34'37"E 49.63 feet; thence S26°51'41"E 74.02 feet; thence S63°06'19"W 216.45 feet along the West line of said Lots 71 and 86 to the Point of Beginning. Contains 6825.08 square feet. Subject to any and all easements, restrictions, right-of-way of record.

PARCEL G 1 DESCRIPTION (18' WIDE RELOCATED ALLEY): Part of Lot 295, AM Campau Realty Co., being part of Private Claim 322, City of Detroit, Wayne County, Michigan, as recorded in Liber 32, Page 87, Wayne County Records, described as: Commencing at the Northeast corner of said Lot 295 as a Point of Beginning; thence S62°58'46"W 100.00 feet along the East line of said Lot 295; thence N26°55'14"W 18.00 feet along the South line of said Lot 295; thence N62°58'46"E 100.00 feet along the North line of said Lot 295; thence S26°55'14"E 18.00 feet along the East line of said Lot 295 to the Point of Beginning. Contains 1800.00 square feet. Subject to any and all easements, restrictions, right-of-way of record.

Pursuant to the alley rights per AM, Campau Realty Company, Subdivision of part of the Lafferty Farm, P.C. 322, lying Southerly of Jefferson Avenue, conforming to the general plan of the City.

BASIS OF BEARING: NAD83 Michigan State Planes
South Zone, International Foot

This survey was made from the legal description shown above. The description should be compared with the Abstract of Title or Title Policy for accuracy, easements and exceptions.

SURVEYORS CERTIFICATE:
I certify that the requirements for 1970 PA 132, MCL 54.213 have been met. The relative positional precision of the corners identified for this survey and shown on the map are within the limits accepted by the practice of professional surveying.

By: 
Brandon G. Parrent Licensed Professional Surveyor No. 4001063096



NO SCALE

ARCADIS U.S., Inc. Frederick Simmons One Seagate Center, Suite 700 Toledo, OH 43604	
GLWA Freud Pump Station, Contract# GLWA-CS-120	DATE: 04-29-22
DRAWN BY: RP	REV DATE: 01-06-23
REV BY: RP	REV DATE: 01-06-23
REV: Remove Parcel H	
PRJ # 205000380SC.3	8 OF 9

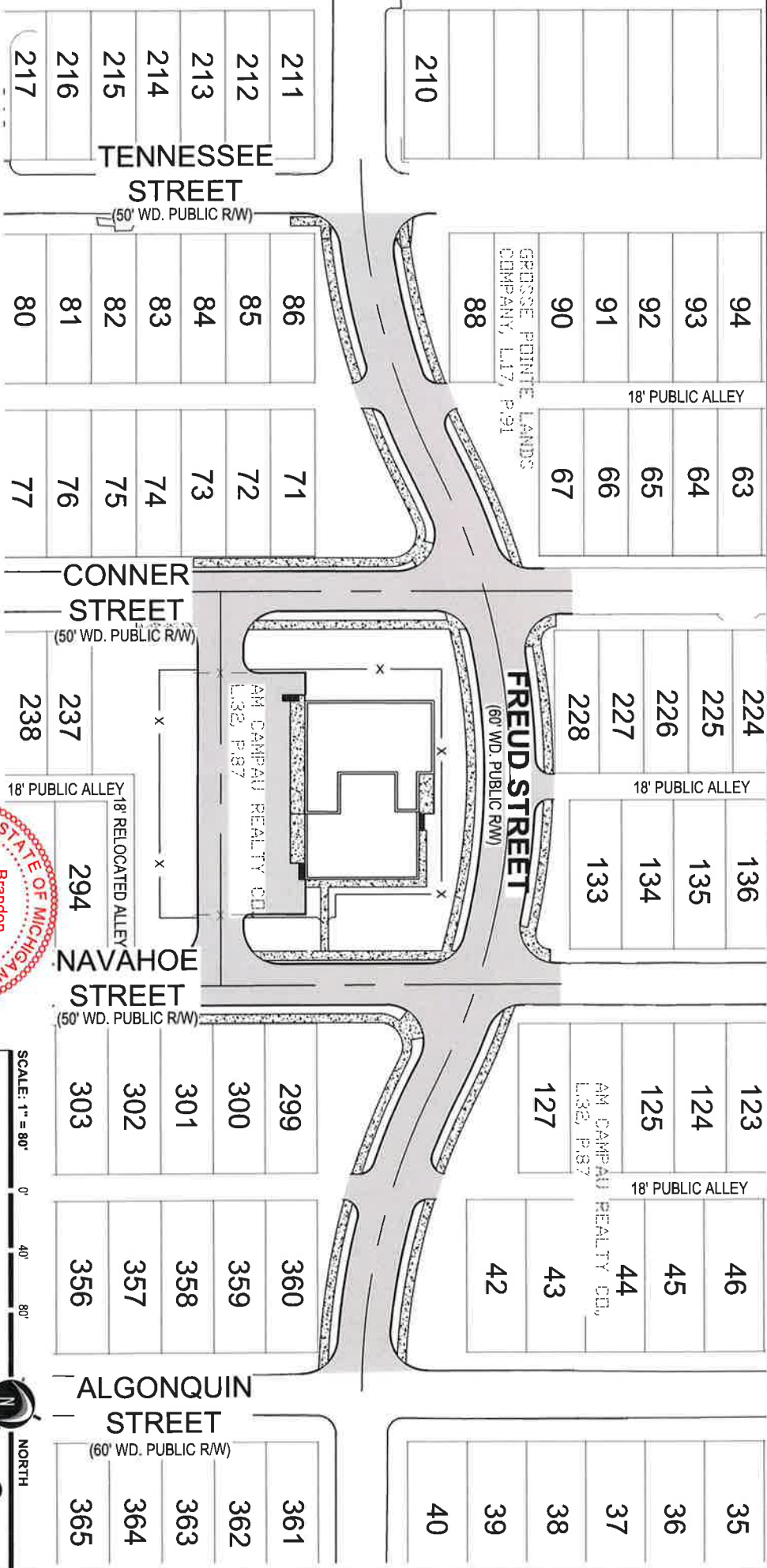
NORTH



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Arrt Arbor
3037 Miller
Ann Arbor, MI 48103
Chicago, Columbus, Grand Rapids,
Holland, Indianapolis, St. Louis

This sketch was made from the legal description shown above. The description should be compared with the Abstract of Title or Title Policy for accuracy, easements and exceptions.



By: 
 Brandon G. Parent Licensed Professional Surveyor No. 4001063096



SCALE: 1" = 80'

ARCADIS U.S., Inc.
 Fredrick Simmons
 One Seagate Center, Suite 700
 Toledo, OH 43604

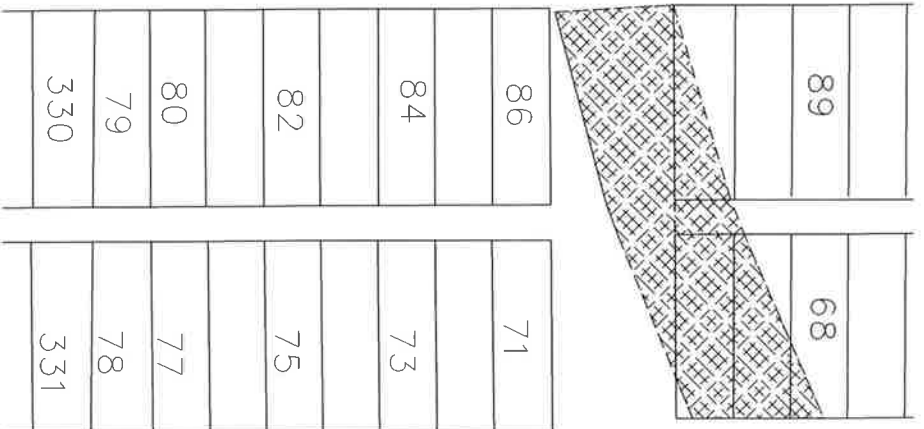
GLWA Freud Pump Station, Contract# GLWA-CS-120

DRWN BY: RP DATE: 09/20/22 PRJ #: 20500038DSC3.3
 REV. BY: RP REV. DATE: 01/06/23 9 OF 9
 REV. REMOVE PARCEL H

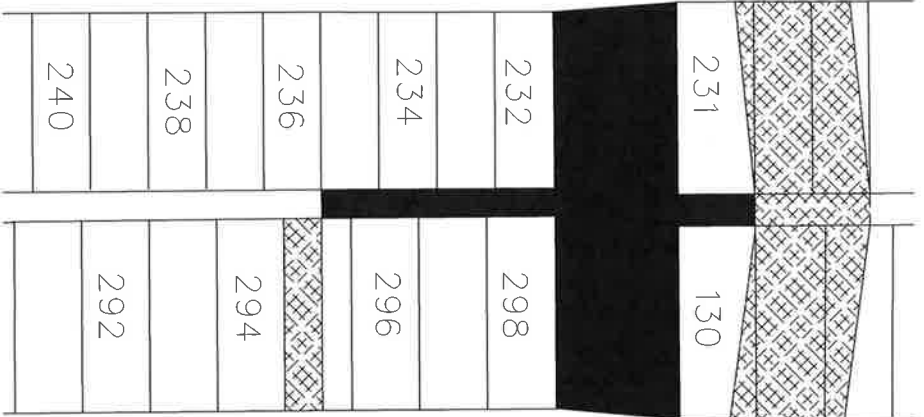

NEDERVELD
 Ann Arbor
 3037 Miller Rd.
 Ann Arbor, MI 48103
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 Highland, Indianapolis, St. Louis



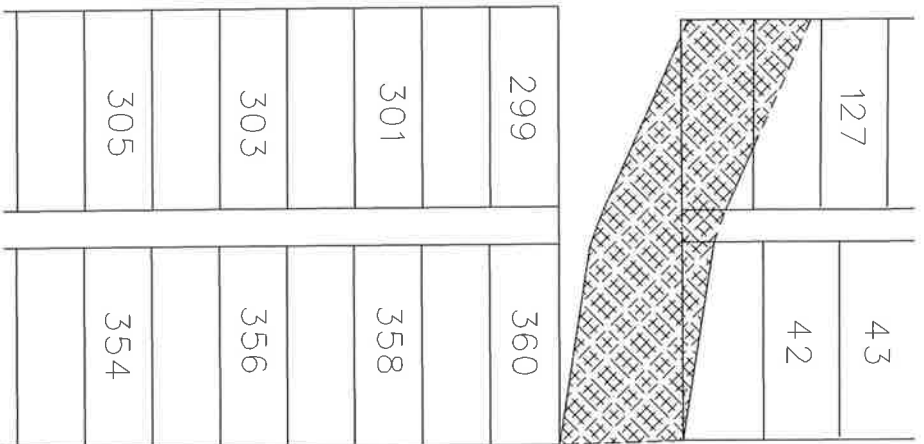
TENNESSEE ST. 50 FT. WD.



CONNER ST. 50 FT. WD.



NAVAHOE ST. 50 FT. WD.



ALGONQUIN ST. 60 FT. WD.

- OUTRIGHT VACATION
- REQUEST STREET DEDICATION

(FOR OFFICE USE ONLY)

CARTO 62 C & D

B					
A					
DESCRIPTION		DRWN	CHGD	APPD	DATE
REVISIONS					
DRAWN BY	AP	CHECKED	LC		
DATE	05-26-2023	APPROVED	JD		

REQUEST DEDICATION OF FREUD ST. AND
 REQUEST TO OUTRIGHT VACATE PUBLIC ALLEYS BETWEEN
 TENNESSEE, ALGONQUIN, NORTH AND SOUTH OF FREUD ST.

CITY OF DETROIT	
CITY ENGINEERING DIVISION	
SURVEY BUREAU	
JOB NO.	23-73
DRWG. NO.	