



City of Detroit
Inter-Departmental Communication

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

FROM: Debra Singleton, Manager II
Detroit Water and Sewerage Department

DATE: December 19, 2014

RE: Petition No 361
Requested Encroachment Within Various Right-of-Ways In Midtown, Corktown,
Downtown, New Center, and Eastern Market for Installation Of Bike Racks

DWSD has reviewed the above Petition received by this office on September 19, 2014. With regard to DWSD's interests, our comment is as follows:

- Our records indicate that there are water mains and sewers in the various locations. DWSD has no objection to the requested encroachments provided that the attached Provisions for Encroachment are strictly followed.

If you have any questions, please call me at (313) 267-8309.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Singleton".

Debra Singleton
Manager II
Claims and Permits

DS//gl

Attachments

CC: Cheryl Porter, WBB
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: 09/17/2014

Petition: x361

- | | |
|---|--|
| <input type="checkbox"/> AT&T Telecommunication | |
| <input type="checkbox"/> Cable Television (CATV) | <input type="checkbox"/> Vacation |
| <input type="checkbox"/> Detroit Edison (DTE) | |
| <input type="checkbox"/> Michigan Consolidated Gas (DTE) | <input type="checkbox"/> Conversion to Easement |
| <input type="checkbox"/> Fire Department | <input type="checkbox"/> Dedication |
| <input type="checkbox"/> Planning & Development Department | |
| <input type="checkbox"/> Public Lighting Dept. - Communication Division | <input checked="" type="checkbox"/> Encroachment |
| <input type="checkbox"/> Public Lighting Dept. - Overhead Line Division | |
| <input type="checkbox"/> Public Lighting Dept. - Underground Division | <input type="checkbox"/> Temporary Closing |
| <input type="checkbox"/> Police Department | |
| <input type="checkbox"/> Recreation Department | <input type="checkbox"/> Berm Use |
| <input type="checkbox"/> Sanitation Division, DPW | |
| <input type="checkbox"/> Street Design Bureau, DPW | |
| <input type="checkbox"/> Street Maintenance Division, DPW | |
| <input type="checkbox"/> Street and Traffic Division, DPW | |
| <input type="checkbox"/> Water and Sewerage Dept. - Sewer Design | |
| <input type="checkbox"/> Water and Sewerage Dept. - Water Design | |

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. Retain one copy and print for you file.

Alfred Jordan, Director, Department of Public Works

By: Richard Doherty, CED DPW
Head Engineer

**TO: City Engineering Division, DPW
65 Cadillac Square, Suite 900
Detroit, Michigan 48226-2873
Survey Bureau: 313-224-3970**

x361

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; 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

FAX TRANSMITTAL**Office of the City Clerk**

Coleman A Young Municipal Center

Two Woodward Avenue, Suite 200

Detroit, Michigan 48226

Telephone: (313) 224-2070 Fax: (313) 224-2075

*Tuesday, July 29, 2014**No. of Pages 4***FROM:** *Mr. Andre Gilbert II, Junior Assistant City Council Committee Clerk***SUBJECT:** *Petition #361, Giffels Webster, request for encroachment within various rights-of-way for Bicycle Rack Installation. (see attachment)***FAX TO THE FOLLOWING DEPARTMENT(S):**

Ms. Trisha Stein, Interim Director	Planning and Development Department	(313) 224-1629
Mr. Richard Doherty, City Engineer	DPW - City Engineering Division	(313) 224-1464

Attachment

City of Detroit
OFFICE OF THE CITY CLERK

Janice M. Winfrey
City Clerk

Robin R. Underwood, CMC
Deputy City Clerk

DEPARTMENTAL REFERENCE COMMUNICATION

Tuesday, July 29, 2014

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.

PLANNING AND DEVELOPMENT DEPARTMENT DPW - CITY ENGINEERING DIVISION

361 *Giffels Webster, request for encroachment within various rights-of-way for Bicycle Rack Installation. (see attachment)*

NOTE: **The Detroit City Council is on recess from:**
 JULY 29, 2014 through AUGUST 29, 2014

The City Clerk requests that Departments directly handle requests which fall within those dates.

PLEASE EXPEDITE!!!



361

July 24, 2014

HAND DELIVER

Honorable Detroit City Council
C/o Detroit City Clerk
200 Coleman A. Young Municipal Center
2 Woodward Avenue
Detroit, Michigan 48226

RE: Request for Encroachment within Various Rights-of-Way for Bicycle Rack Installation

Giffels Webster, 28 W. Adams, Suite 1200, Detroit, Michigan 48226 on behalf of Midtown Detroit, Inc., 3939 Woodward Avenue, Suite 100, Detroit, Michigan 48201, respectfully requests encroachments within the public rights-of-way located as detailed in "Attachment A".

The proposed encroachments are minor in nature and will consist of the installation of bicycle racks. The encroachments will not impeded pedestrian and vehicular traffic, nor will they interfere with the maintenance of the public rights-of-way including utility company and Fire Department access.

The requested encroachments are critical in developing the non-motorized infrastructure of the greater downtown Detroit area. Drawings of the proposed locations are attached and detailed drawings will be delivered to the City Engineering Division of DPW to be used for their investigation.

If you should have any questions, please do not hesitate to contact me at (P) 313.962.4442, (M) 313.401.6690, (F) 313.962.5068, or e-mail to mdarga@giffelswebster.com.

Respectfully,

A handwritten signature in cursive script that reads "Michael G. Darga".

Michael G. Darga,
Senior Project Manager

Cc: Elise Fields, Midtown Detroit, Inc.

CITY CLERK 24 JUL 2014 PM1:41



ATTACHMENT "A"

MIDTOWN BIKE RACK INSTALLATION LOCATIONS
WITHIN CITY OF DETROIT RIGHTS-OF-WAY

Neighborhood	Location No.	Location	Address	Remarks
Midtown	M1	55 W. Canfield Lofts	55 W. Canfield	
	M2	71 Garfield	71 Garfield Street	
	M3	Auburn, The	4240 Cass Avenue	
	M4	Willy's Development	441 W. Canfield	
	M5	Craftworks	8047 Agnes	
	M8	Henry Ford Health System	1 Ford Place	
	M11	Melt	4160 Cass Avenue	
	M12	Metropolitan Center for High Technology	2727 Second Avenue	
	M14	Midtown Dog Park	Cass & Canfield	
	M15	MOCAD	4454 Woodward Avenue	Installed on Garfield
	M16	MSU - Detroit Center	3408 Woodward Avenue	Installed on Erskine
	M17	N'Namdi Center for Contemporary Art	52 East Forest Avenue	
	M18	Third Street Bar	4626 Third Street	
	M19	Selden Standard	3921 Second Avenue	
	M21	Unlon at Midtown, The	4830 Cass Avenue	
M22	Woodbridge	5127 Trumbull		
M24	Cass / Ferry Apartments	100 W. Ferry		
M25	Comerica Bank	4 E. Alexandrine		
Corktown	C1	Bagley Trumbull Market	1701 Trumbull Street	
Downtown	D1	Campus Martius	800 Woodward Avenue	
	D2	Grand Park Centre	28 W. Adams	
New Center	NC2	Fisher Building	3011 W. Grand Boulevard	
	NC3	New Center One Building	3031 W. Grand Boulevard	
	NC4	New Center Park	2998 West Grand Boulevard	
	NC5	Next Energy	461 Burroughs	
	NC6	Peck Park	5050 Brush Street	
	NC7	Tech Town "Living Room"	Cass & Amsterdam	
	NC8	West Boulevard Building	2990 West Grand Boulevard	
Eastern Market	E1	3 Cats 1 Dog	2472 Riopelle	
	E2	Detroit Merchantile	3434 Russell	
	E4	Omni Corps Detroit	1501 Division	
	E5	Red Bull House of Art	1551 Winder	
	E6	Signal Return	1345 Division	
	E8	Welcome Center	1445 Adelaide	

Date: 24-Jul-14

PROVISIONS FOR ENCROACHMENT For Petition 361

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. 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.
3. 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.
4. 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.
5. 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.



Proposed Bike Rack Location (C1)
 Bike Rack Type: Dual
 Number of Racks: 1
 Installation Detail: 2 (Perpendicular)

Bagley Trumbull Market (C1)
 1701 Trumbull Street
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan

**giffels
webster**
 Engineers Surveyors Planners
 Landscape Architects
 Environmental Specialists

28 W. Adams Street
 Suite 1200
 Detroit, MI 48226
 p (313) 962-4442
 f (313) 962-5068
 www.giffelswebster.com

Executive:	STC
Manager:	MGD
Designer:	MGD
Quality Control:	STC
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Developed For:

MIDTOWN DETROIT, INC.
 3939 Woodward Avenue
 Suite 100
 Detroit, MI 48201
 P 313.420.6000
 F 313.420.6200

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Date: 08.22.2014
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 Sheet: C1
 Project: 18591-00D

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Proposed Bike Rack Location (D1-NW)
 Bike Rack Type: Lean
 Number of Racks: 2
 Installation Detail: 1 (Parallel)

Campus Martius Park (D1-NW)

Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan

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 f (313) 962-5068
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Proposed Bike Rack Location (D1-SE)
 Bike Rack Type: Lean
 Number of Racks: 2
 Installation Detail: 1 (Parallel)

Campus Martius Park (D1-SE)

Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan



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 Suite 1200
 Detroit, MI 48226
 p (313) 962-4442
 f (313) 962-5068
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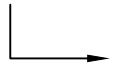
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Woodward



Proposed Bike Rack Location (D2)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

Grand Park Centre (D2)
 28 W. Adams
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan

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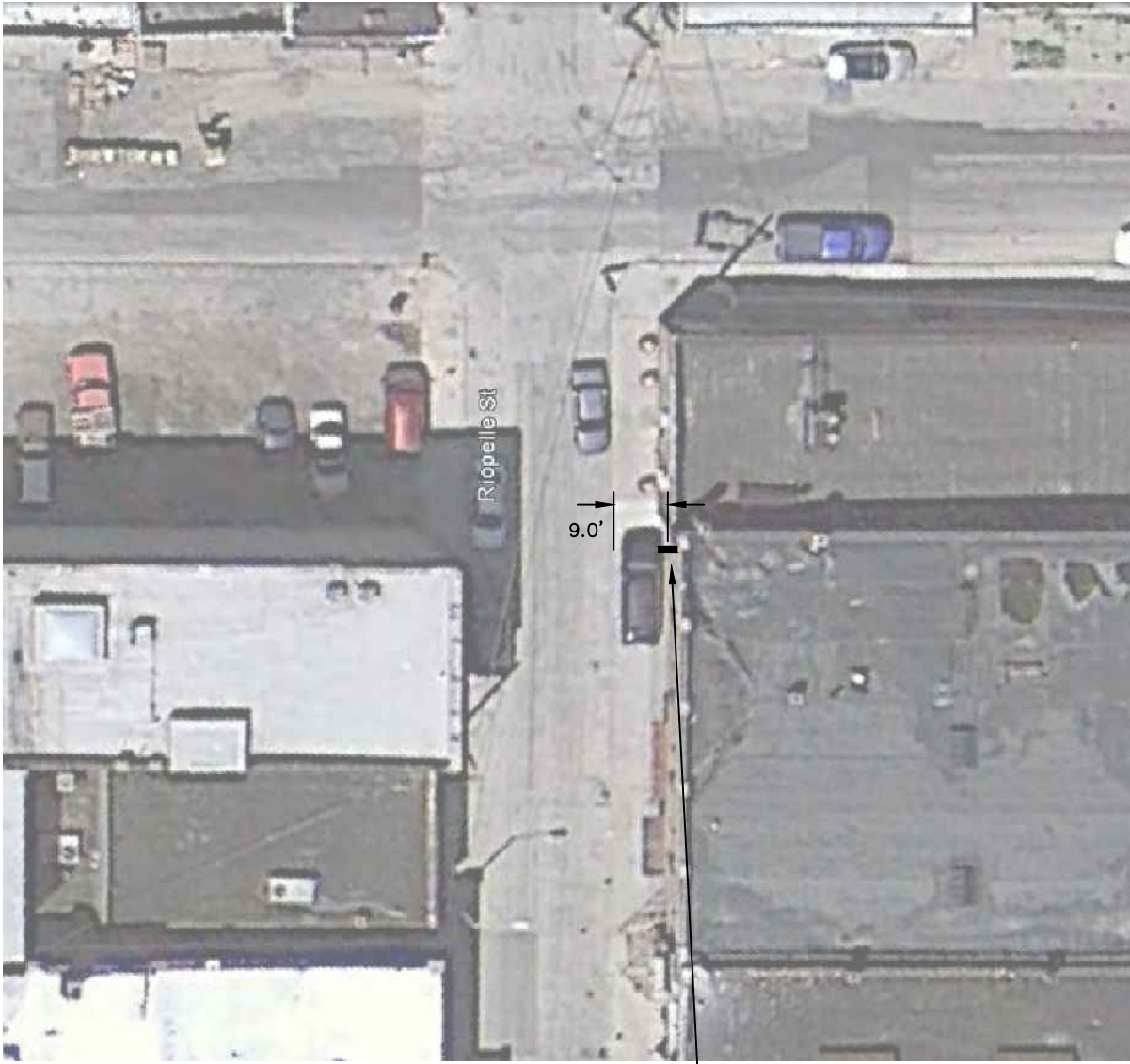
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Riopelle

Proposed Bike Rack Location (E1)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 2 (Perpedicular)

3 Dogs 1 Cat (E1)
 2472 Riopelle
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan

C:\User\indargal\Desktop\midtown\Track Plans\Midtown Bike Rack Plans.dwg

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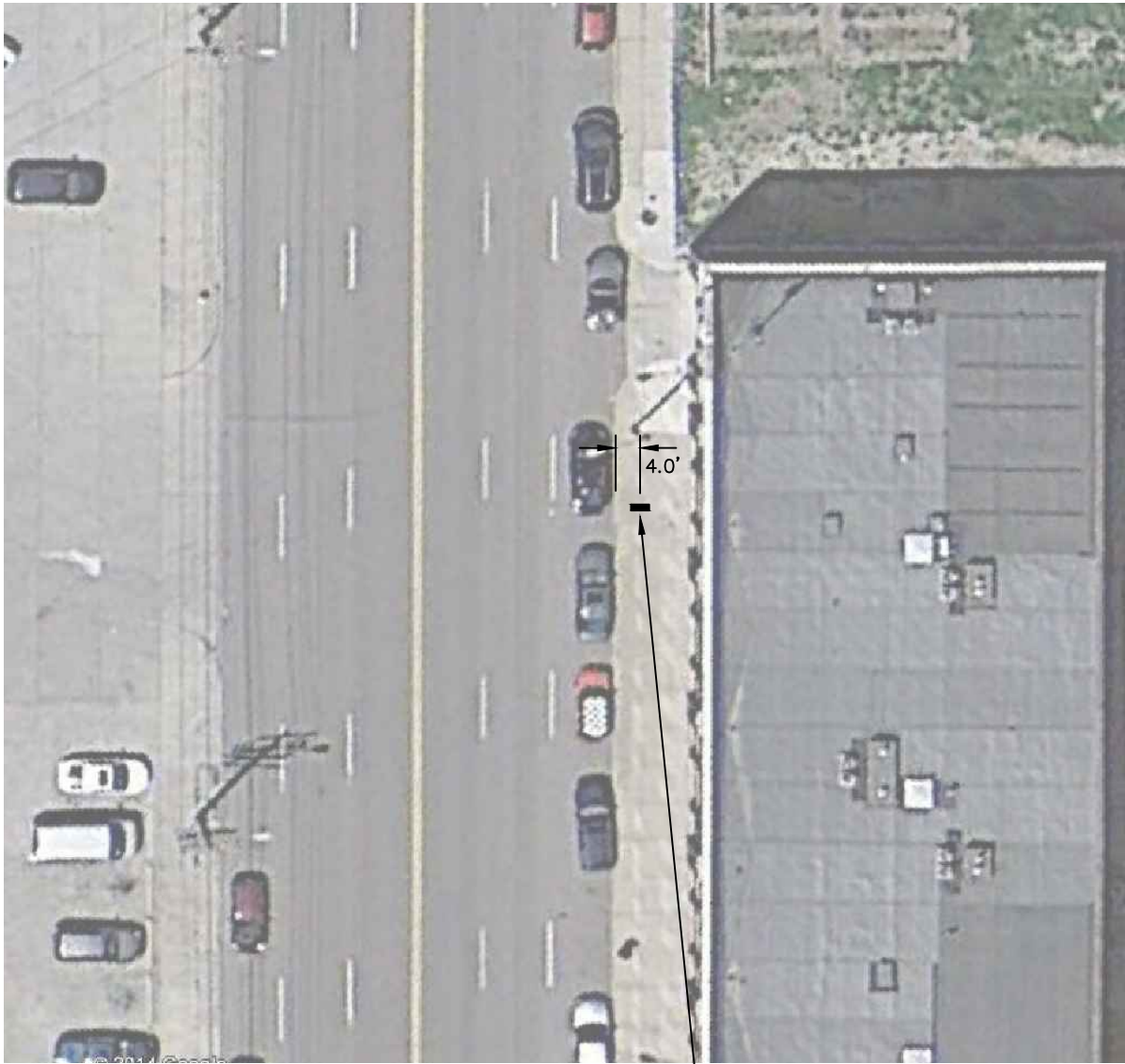
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Erskine

Russell

Proposed Bike Rack Location (E2)
 Bike Rack Type: Dual
 Number of Racks: 1
 Installation Detail: 2 (Perpendicular)

Detroit Merchantile (E2)
 3434 Russell Street
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan

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Proposed Bike Rack Location (E4)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

Omni Corps Detroit (E4)
 1501 Division Street
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan



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Proposed Bike Rack Location (E5)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

Red Bull House of Art (E5)
 1551 Winder
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan



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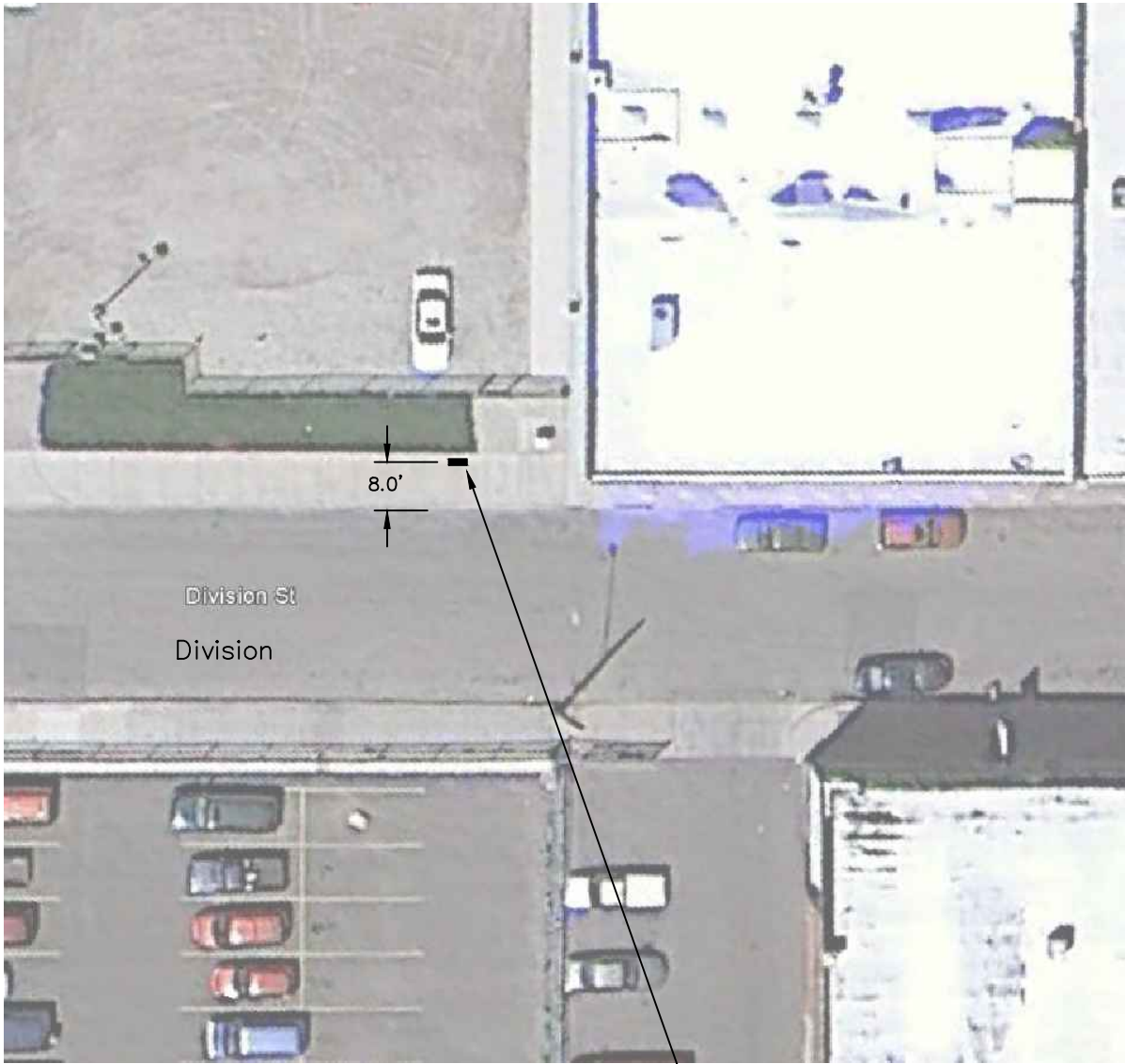
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Russell



Proposed Bike Rack Location (E6)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

Signal Return (E6)
 1345 Division
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan

Developed For:

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Proposed Bike Rack Location (E8)
 Bike Rack Type: Lean
 Number of Racks: 3
 Installation Detail: n/a

Eastern Market Restroom Plaza (E8)
 Northeast Corner - Russell & Division
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan



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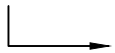
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Woodward



W. Canfield

2.5'

Proposed Bike Rack Location (M1)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

55. W. Canfield Lofts (M1)
 55 W. Canfield Street
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan

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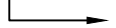
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Riopelle



Proposed Bike Rack Location (M2)
 Bike Rack Type: Dual
 Number of Racks: 1
 Installation Detail: 2 (Perpendicular)

71 Garfield Building (M2)
 71 Garfield Street
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan

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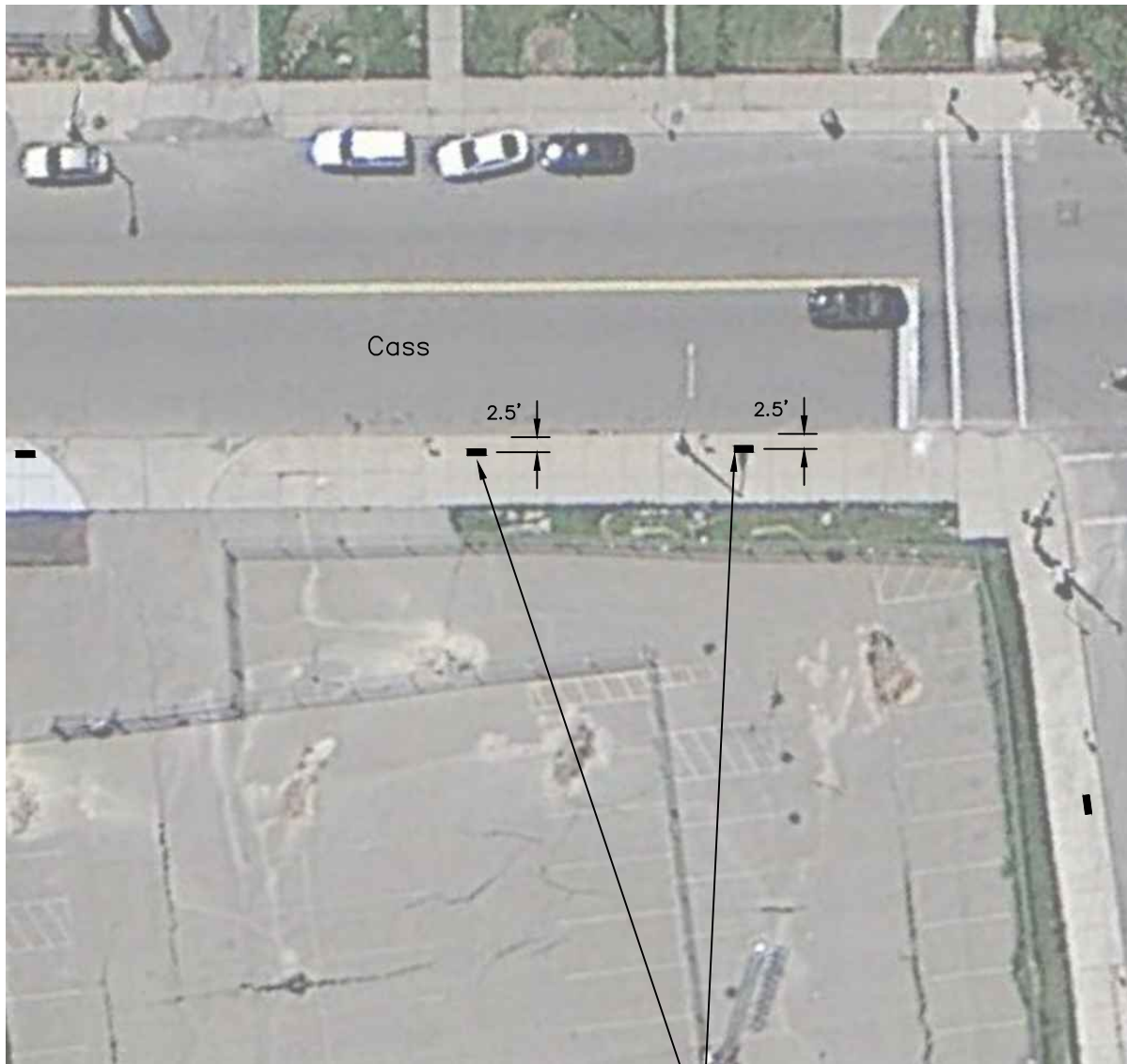
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W. Canfield

Proposed Bike Rack Location (M3)
 Bike Rack Type: Lean
 Number of Racks: 2
 Installation Detail: 1 (Parallel)

The Auburn (M3)
4240 Cass Avenue
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan



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Executive:	STC
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Designer:	MGD
Quality Control:	STC
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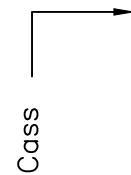
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Project:	18591-00D

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Proposed Bike Rack Location (M4)
 Bike Rack Type: Dual
 Number of Racks: 1
 Installation Detail: 2 (Perpendicular)
 (on existing concrete)

Willy's Development (M4)
 441 W. Canfield
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan



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 Detroit, MI 48226
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 f (313) 962-5068
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Executive:	STC
Manager:	MGD
Designer:	MGD
Quality Control:	STC
Section:	

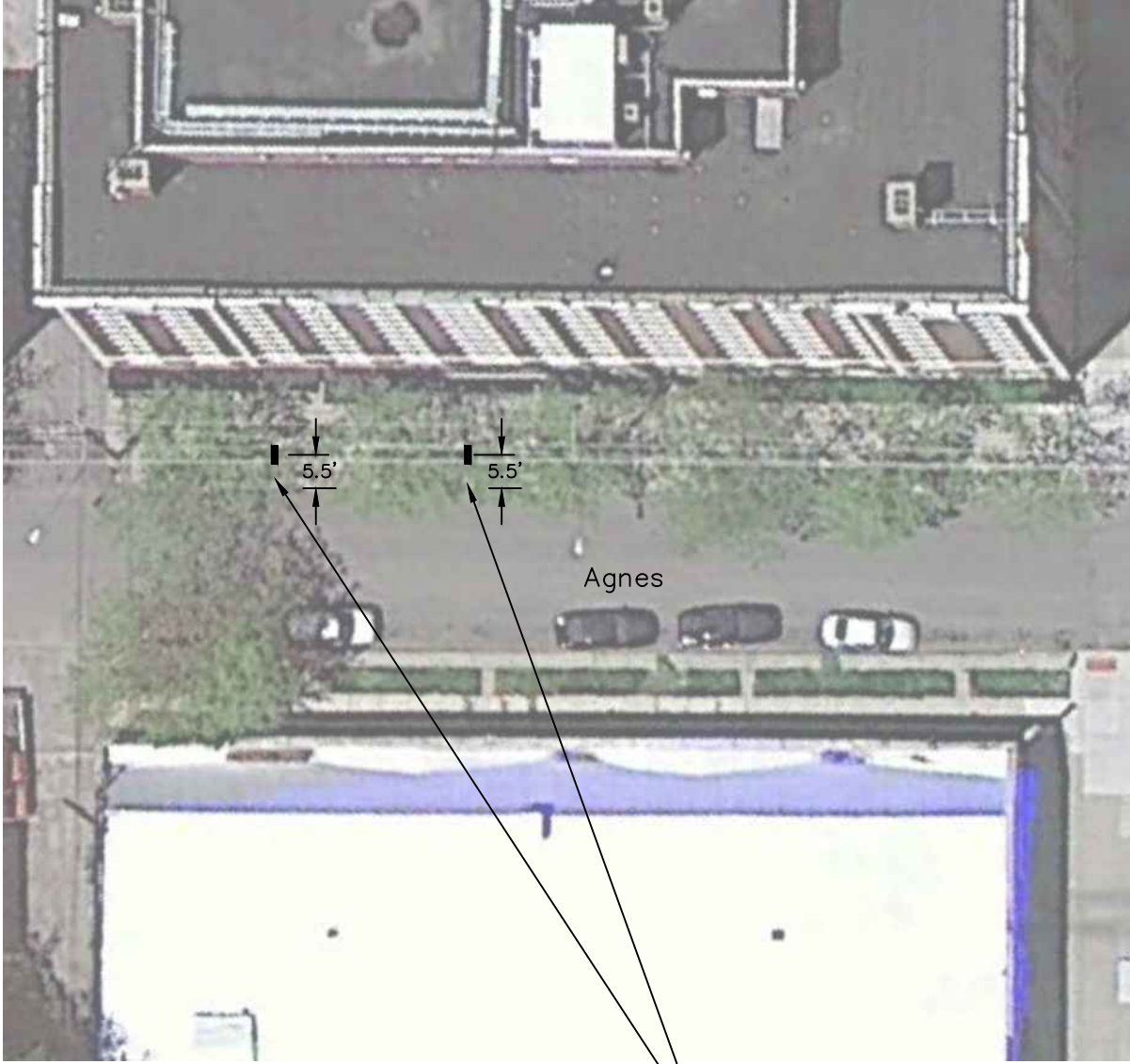
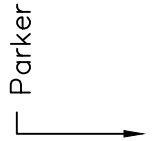
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Agnes

5.5'

5.5'

Proposed Bike Rack Location (M5)
Bike Rack Type: Dual
Number of Racks: 2
Installation Detail: 2 (Perpendicular)

Craftworks (M5)
8047 Agnes
Midtown Bike Racks

City of Detroit
Wayne County
Michigan

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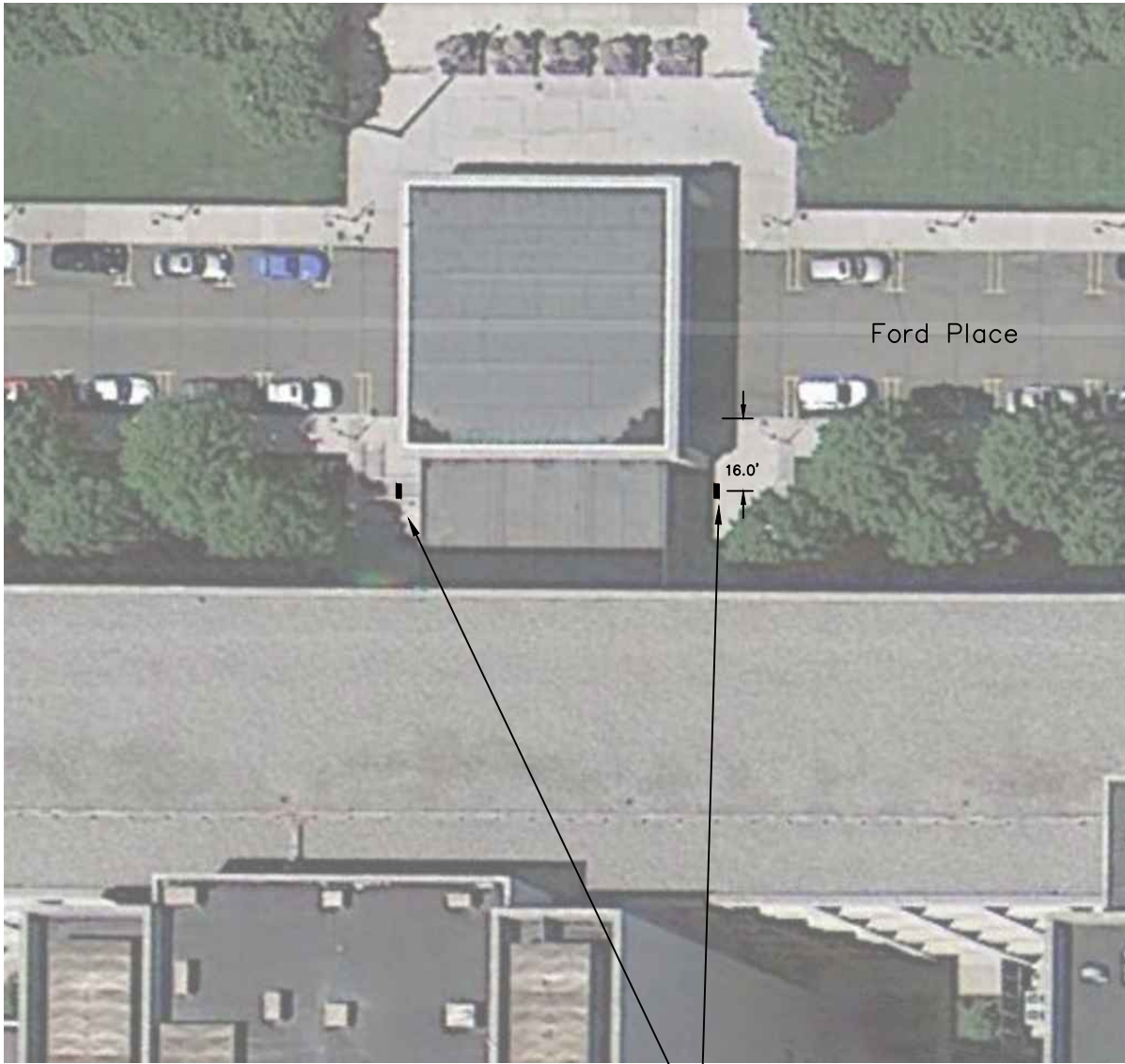
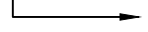
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Second



Ford Place

16.0'

Proposed Bike Rack Location (M8)
 Bike Rack Type: Lean
 Number of Racks: 2
 Installation Detail: 1 (Parallel)

Henry Ford Health Systems (M8)
 1 Ford Place
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan



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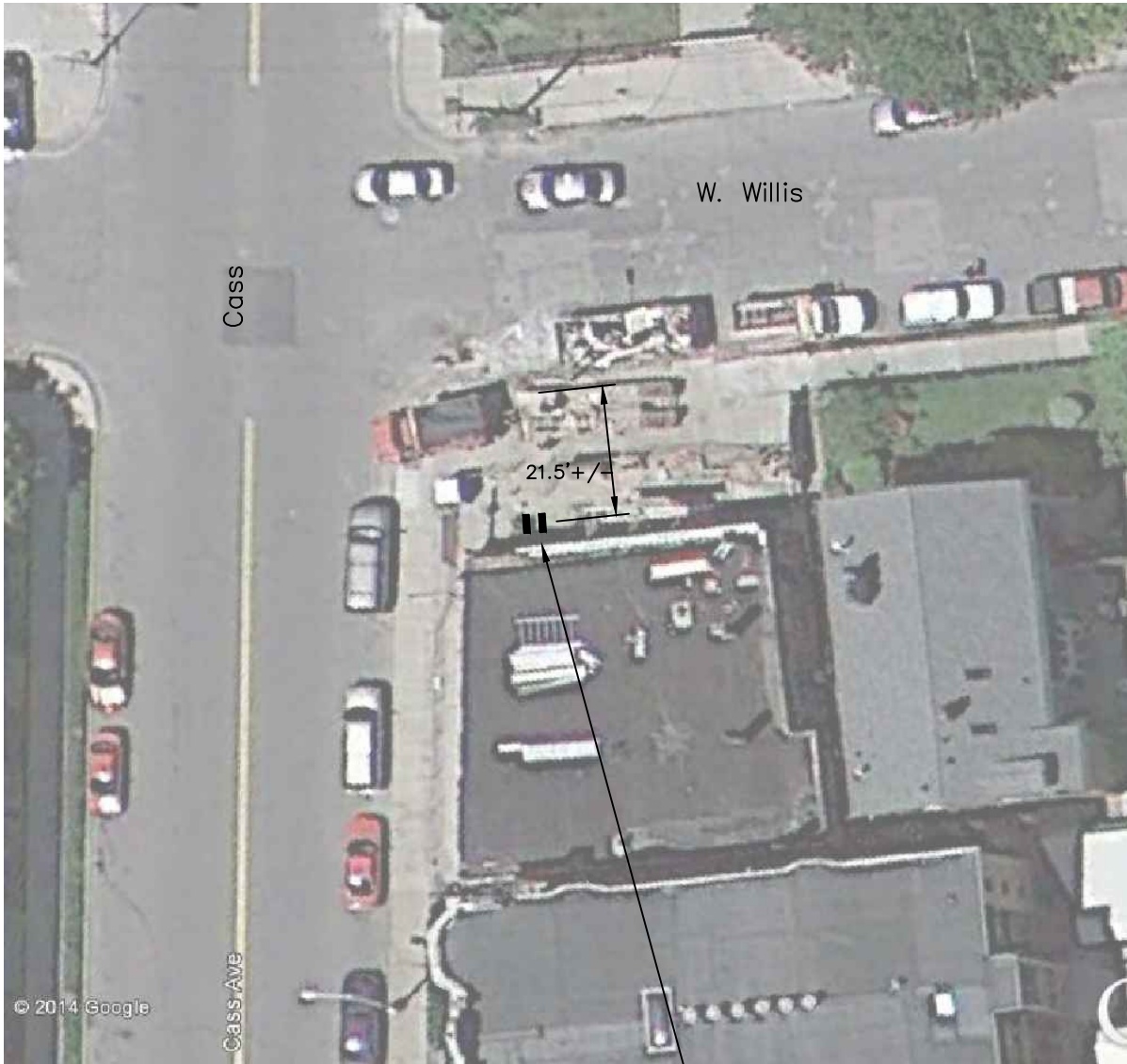
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Proposed Bike Rack Location (M11)
 Bike Rack Type: Lean
 Number of Racks: 2
 Installation Detail: 1 (Parallel)

Melt (M11)
4160 Cass Avenue
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan



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Ledyard

Second

Proposed Bike Rack Location (M12)
 Bike Rack Type: Lean
 Number of Racks: 2
 Installation Detail: 1 (Parallel)

Metropolitan Center for High Technology (M12)
 2727 Second Avenue
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan



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Cass

Proposed Bike Rack Location (M14)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

Midtown Dog Park (M14)
 Cass & Canfield
 Midtown Bike Racks

City of Detroit
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Woodward



Proposed Bike Rack Location (M15)
 Bike Rack Type: Lean
 Number of Racks: 2
 Installation Detail: 2 (Perpendicular)

MOCAD (M15)
 4454 Woodward (installed on Garfield)
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan



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Proposed Bike Rack Location (M16)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

MSU - Detroit Center (M16)
3408 Woodward (installed on Erskine)
 Midtown Bike Racks

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 Wayne County
 Michigan



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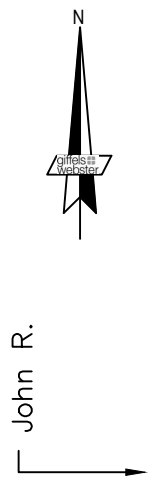
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2.5'

E. Forest

Proposed Bike Rack Location (M17)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

N'Namdi Center for Contemporary Art (M17)
 52 E. Forest Avenue
 Midtown Bike Racks

City of Detroit
 Wayne County
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Proposed Bike Rack Location (M18)
 Bike Rack Type: Dual
 Number of Racks: 1
 Installation Detail: 2 (Perpendicular)

Third Street Bar (M18)
 4626 Third Street (installed on Forest)
 Midtown Bike Racks

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 Wayne County
 Michigan

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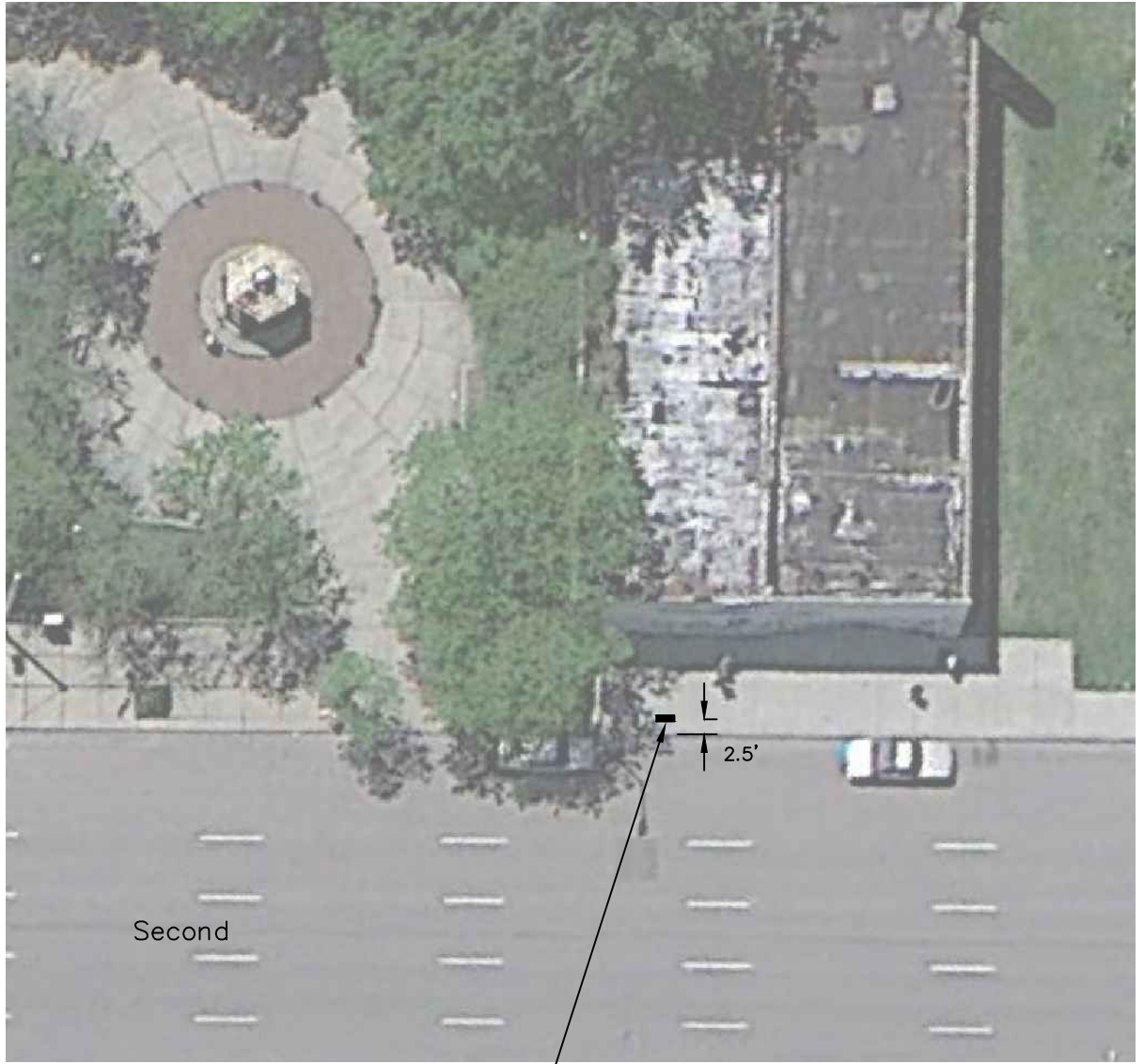
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Selden
 ↑

Second

2.5'

Proposed Bike Rack Location (M19)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

Selden Standard (M19)
3921 Second Avenue
 Midtown Bike Racks

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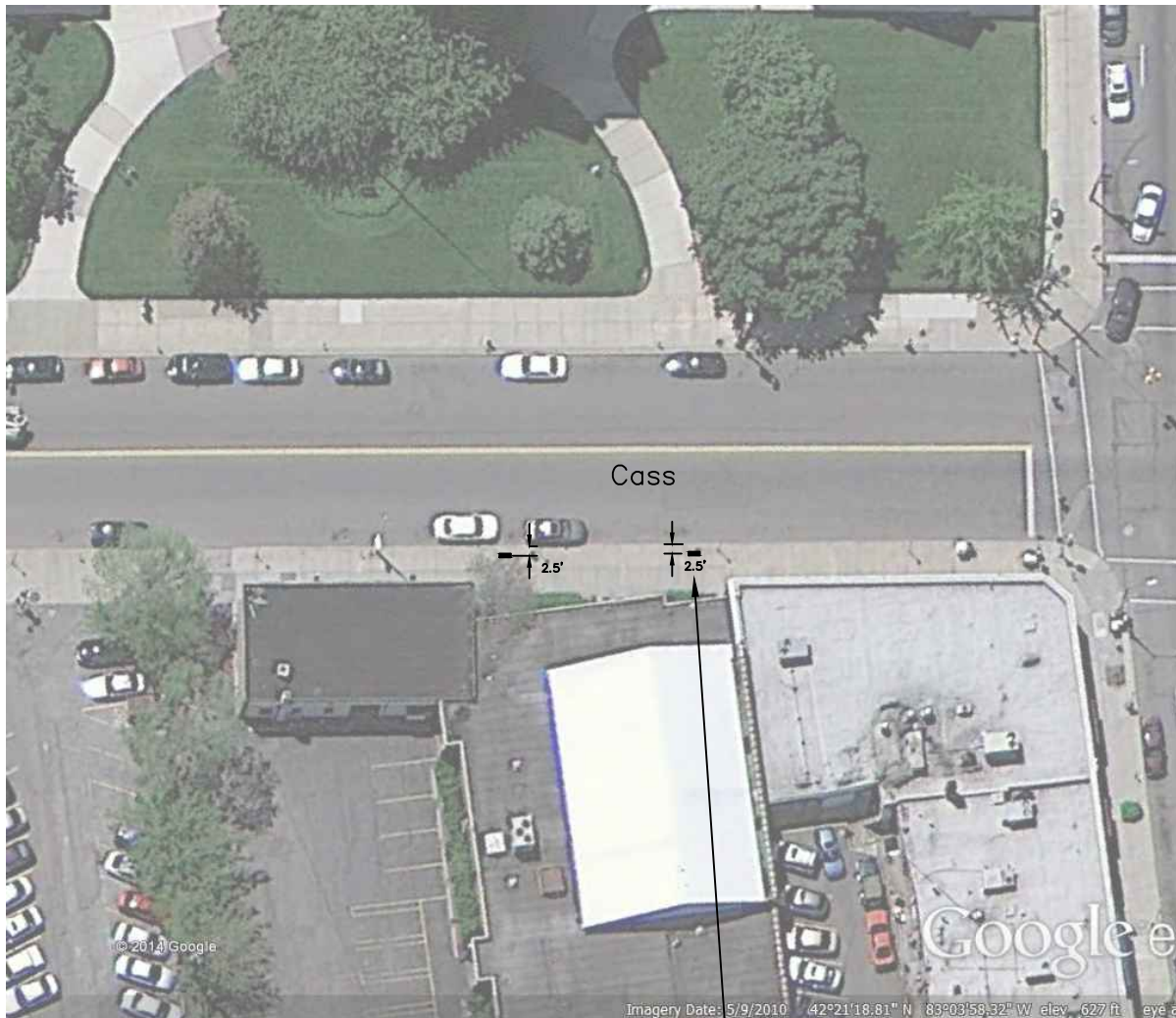
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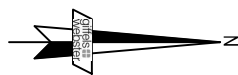
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Warren

Cass



Proposed Bike Rack Location (M21)
 Bike Rack Type: Lean
 Number of Racks: 2
 Installation Detail: 1 (Parallel)

The Union at Midtown (M21)
 4830 Cass Avenue
 Midtown Bike Racks

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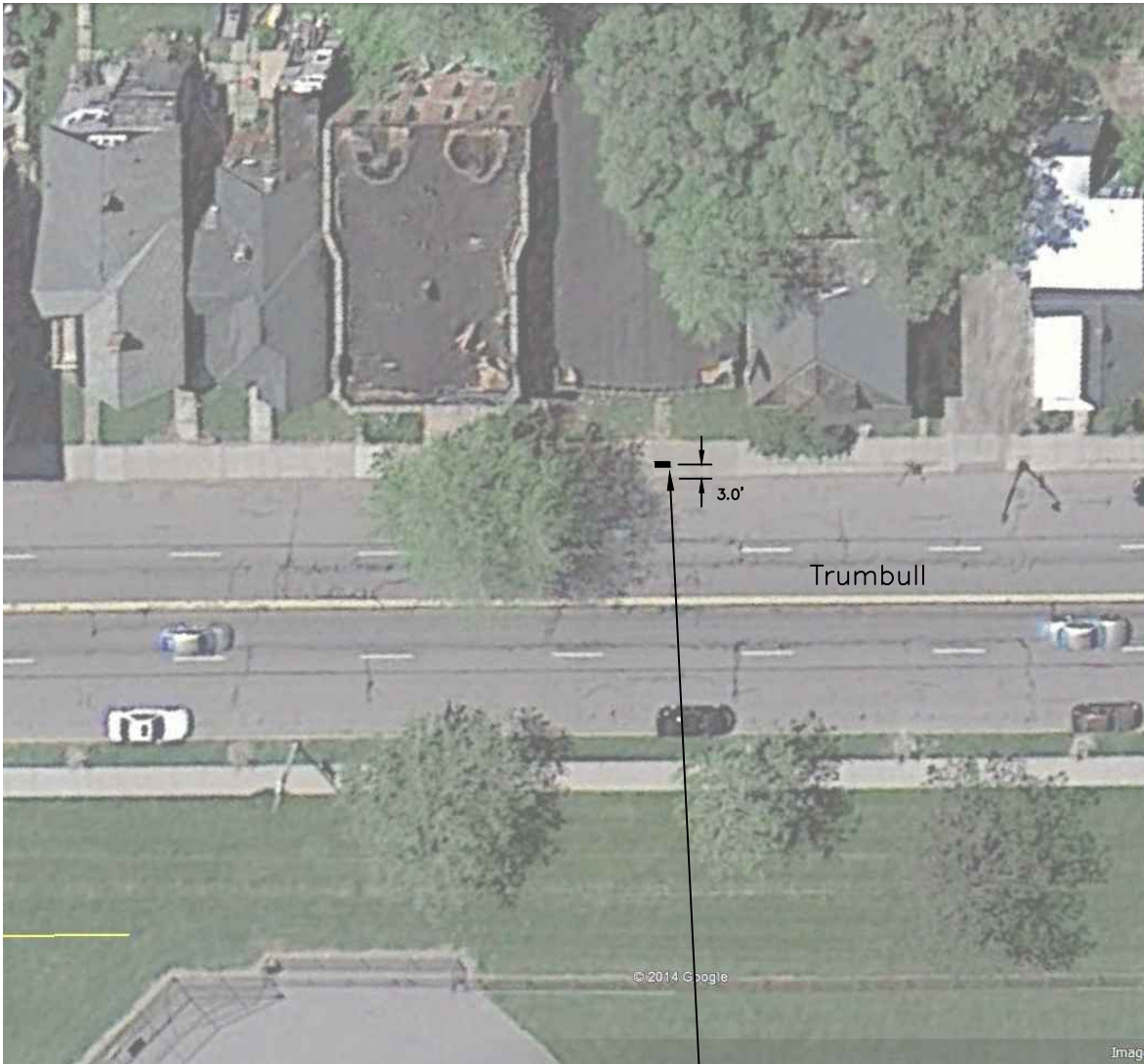
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Merrick

Proposed Bike Rack Location (M22)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

Woodbridge (M22)
 5137 Trumbull
 Midtown Bike Racks

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Proposed Bike Rack Location (M24)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

Cass / Ferry Apartments (M24)
 100 W. Ferry
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan



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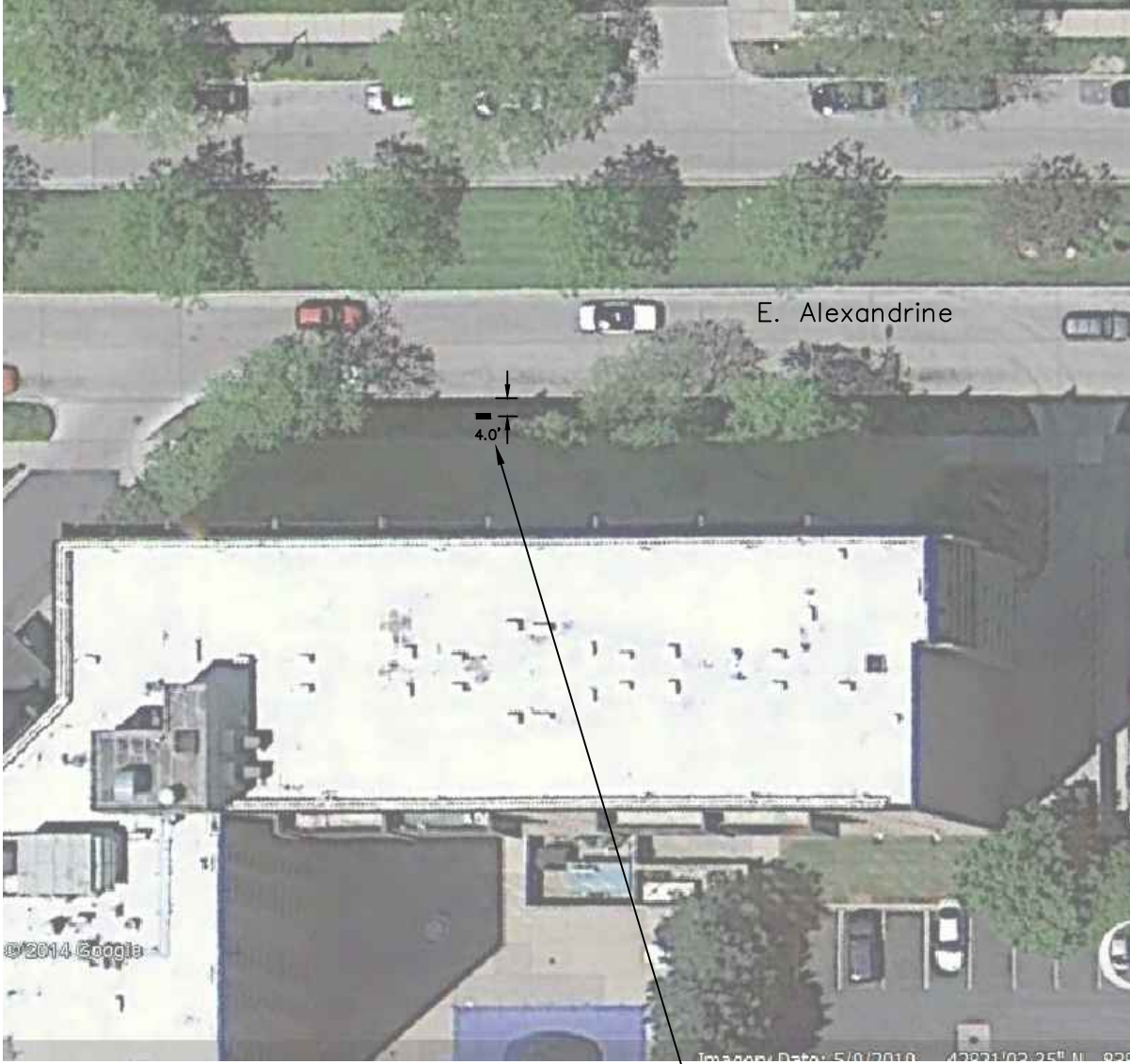
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John R



Proposed Bike Rack Location (M25)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

Comerica Bank (M25)
 4 E. Alexandrine
 Midtown Bike Racks

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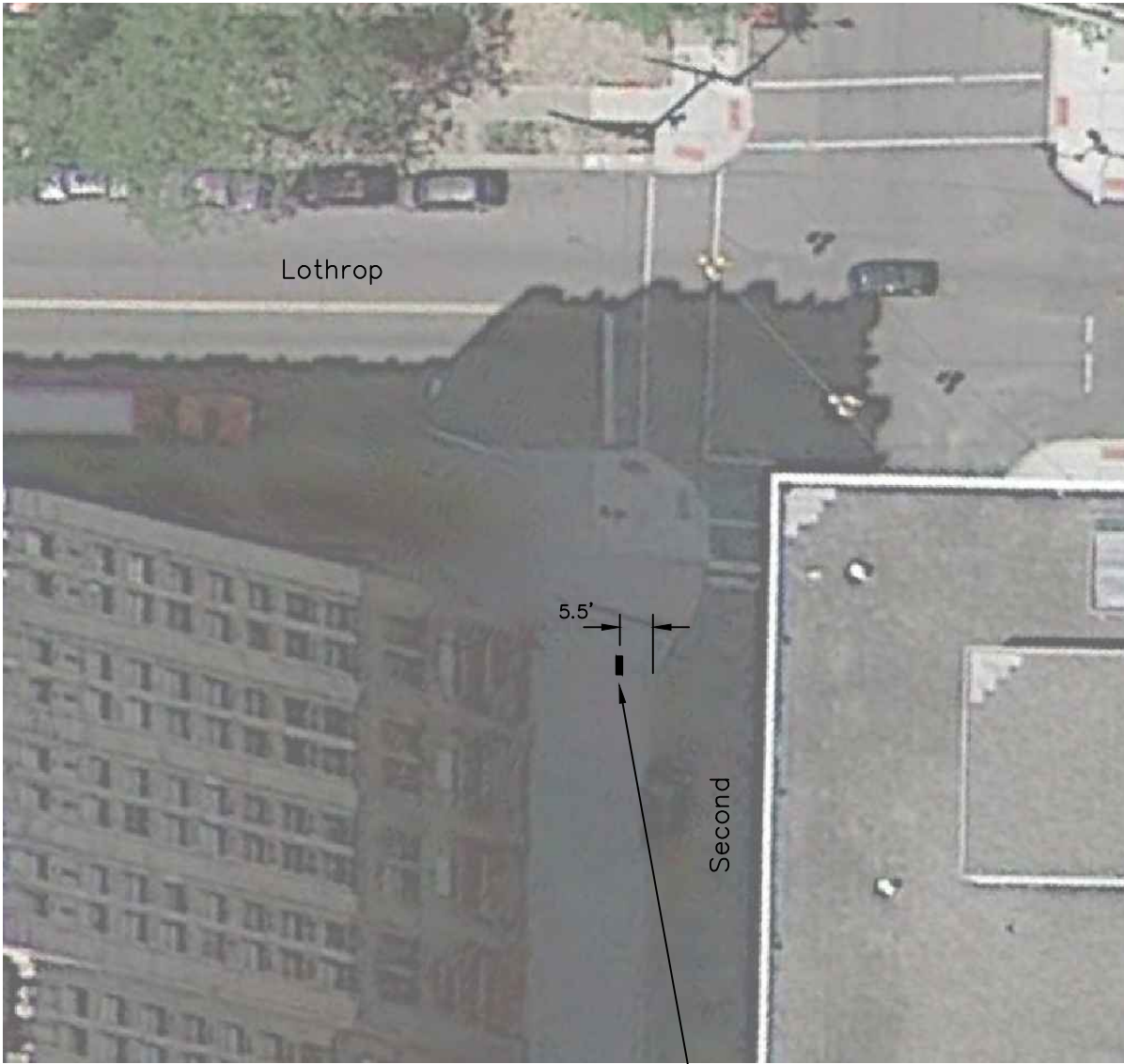
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Proposed Bike Rack Location (NC2)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

Fisher Building (NC2)
 3011 W. Grand Boulevard
 Midtown Bike Racks

City of Detroit
 Wayne County
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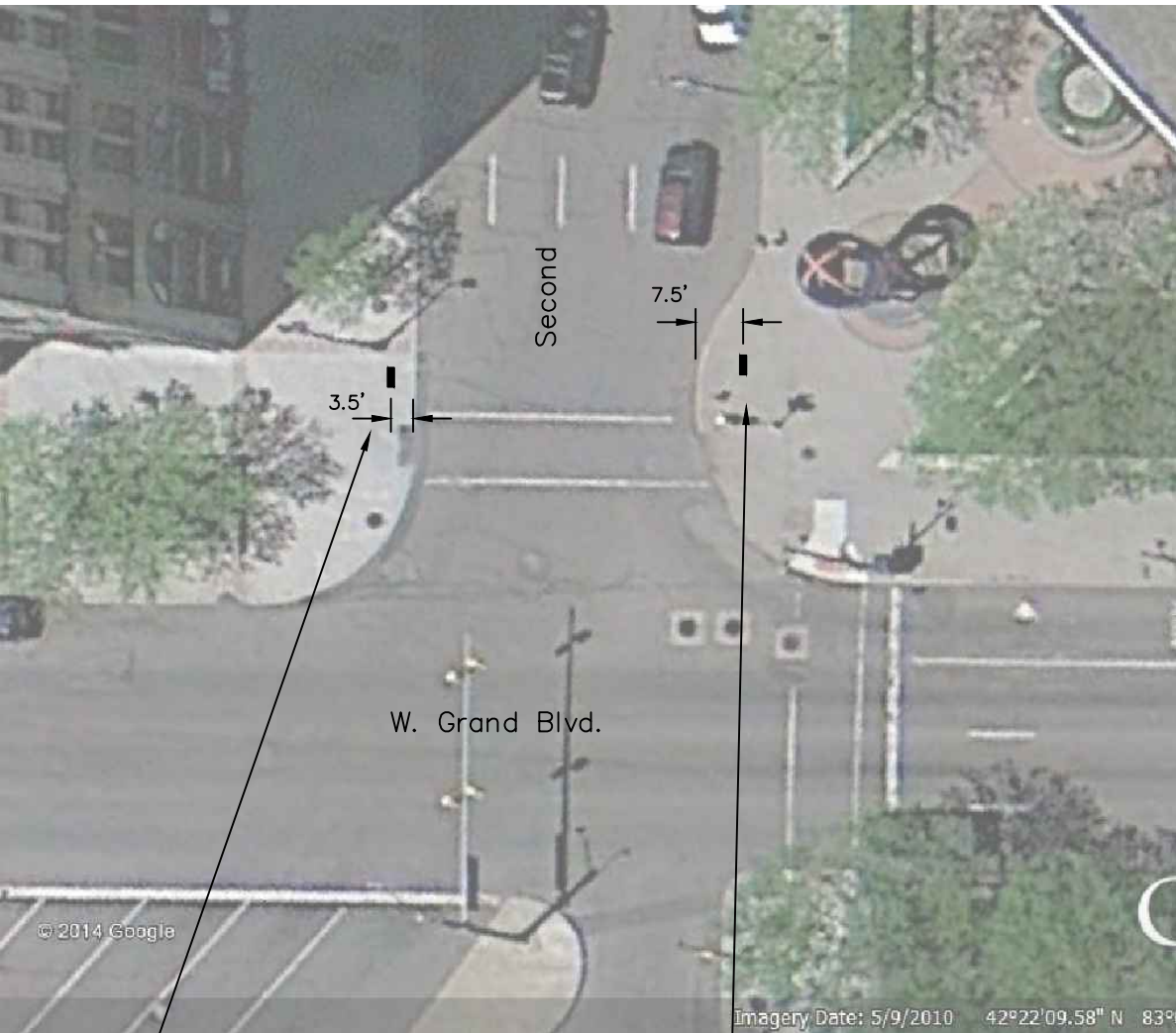
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Proposed Bike Rack Location (NC2)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

Proposed Bike Rack Location (NC3)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

Fisher Building (NC2) & New Center One Building (NC3)
 3011 W. Grand Boulevard & 3031 W. Grand Boulevard
 Midtown Bike Racks

City of Detroit
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Second
↓



Proposed Bike Rack Location (NC4)
 Bike Rack Type: Dual
 Number of Racks: 1
 Installation Detail: 2 (Perpendicular)

Proposed Bike Rack Location (NC8)
 Bike Rack Type: Lean
 Number of Racks: 2
 Installation Detail: 1 (Parallel)

New Center Park (NC4) & West Boulevard Building (NC8)
 2998 West Grand Boulevard & 2990 West Grand Boulevard
 Midtown Bike Racks

City of Detroit
 Wayne County
 Michigan



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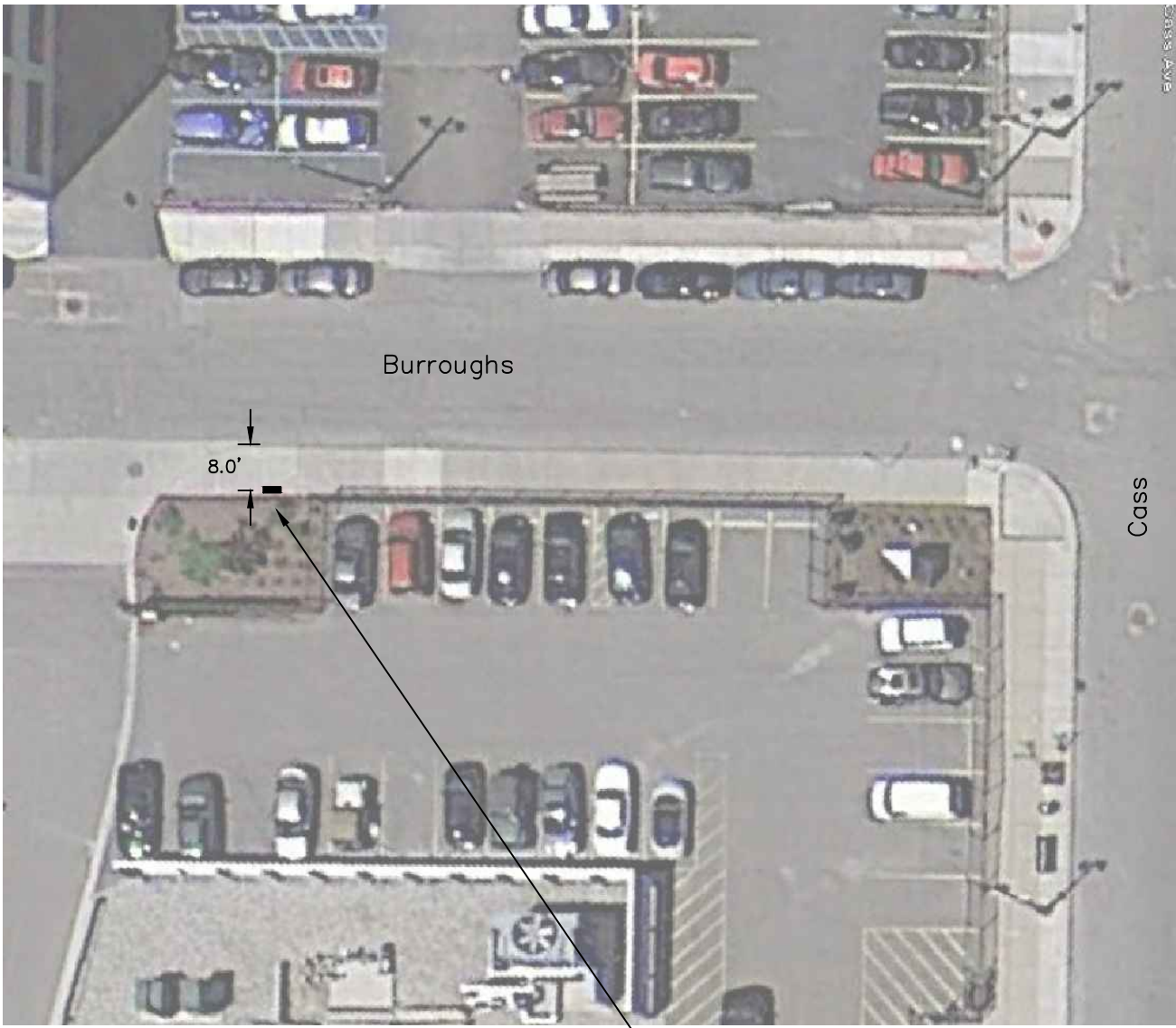
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Proposed Bike Rack Location (NC5)
 Bike Rack Type: Lean
 Number of Racks: 1
 Installation Detail: 1 (Parallel)

Next Energy (NC5)
 461 Burroughs
 Midtown Bike Racks

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 Wayne County
 Michigan

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Beaubien



Brush

E. Frederick Douglass

Proposed Bike Rack Location (NC6)
Bike Rack Type: Dual
Number of Racks: 1
Installation Detail: n/a

Peck Park (NC6)
5050 Brush Street
Midtown Bike Racks

City of Detroit
Wayne County
Michigan

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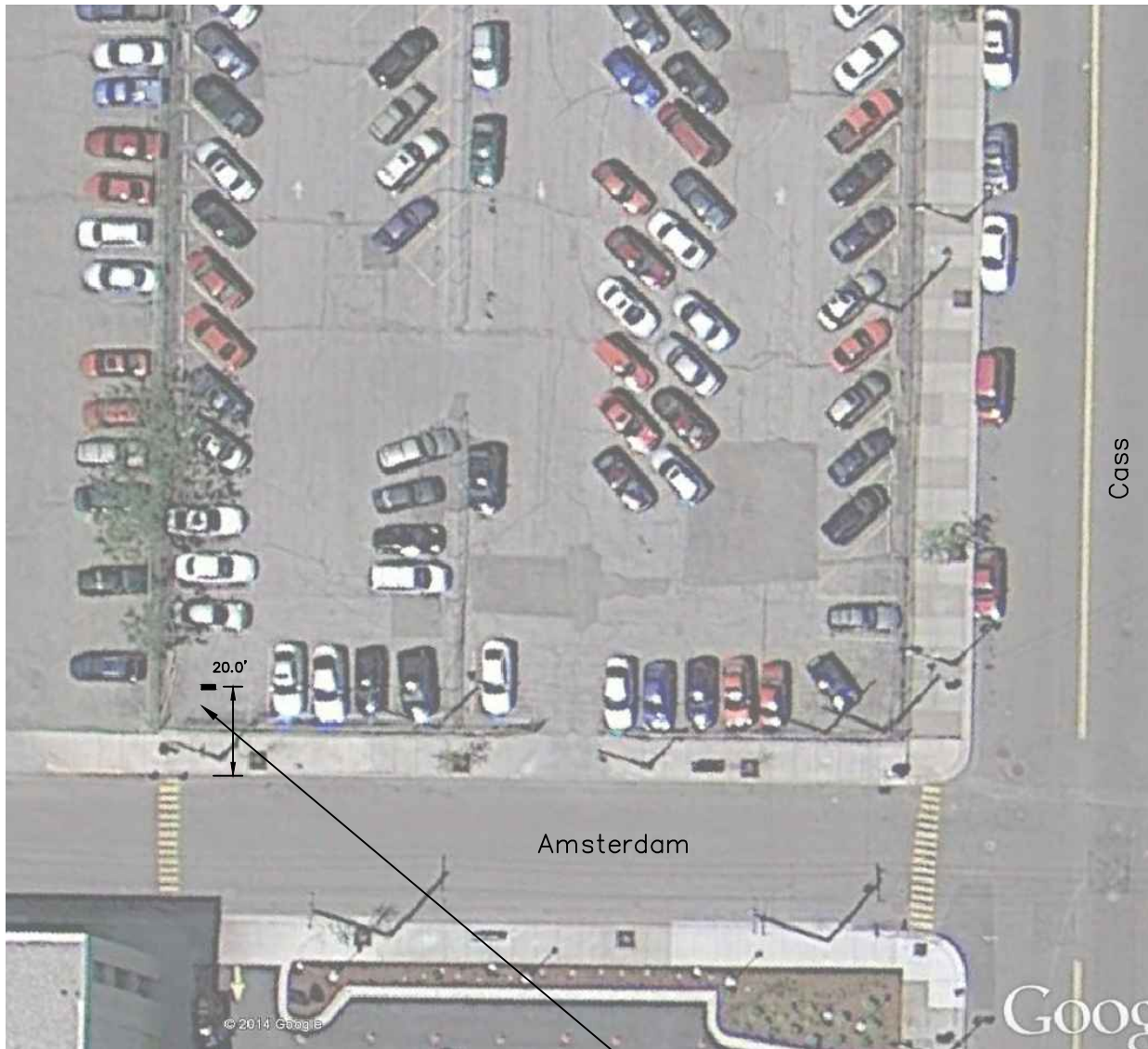
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20.0'

Amsterdam

Cass

Google

Proposed Bike Rack Location (NC7)
Bike Rack Type: Lean
Number of Racks: 1
Installation Detail: n/a

Tech Town "Living Room" (NC7)
Cass & Amsterdam
Midtown Bike Racks

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5'WW 54'WW

RAILROAD
9'EE 2'EE 3' TSV

6'-8" 16" 21' 19'WW TSV 16" 10'NN 12'

10'SERV (M)

10'-26'
12'-56'
10'-22'
12'-55'
CENTRAL
3' 65'
70'
TSV

8" 53'NN 6"
18'EW
70' 8"
MARK AVE
6" 16"
RICK
8" 29'
6" 16"
MER- 6"

3'EE 16'-45'
8" 24'
65' 34'NS
HECLA
8"-24'
16"-45'
8"-24'
16"-45'
AVERY 8"-26'
6" 16"-45'
20'SN 26'
6" 33'
3' TSV

16'GN 34'EW
8"GN 31'EW
12'WE 6"
70'
34'
34'

36'
21'
80'
8"-27'
16"-39'
3' TSV 4'EW
80'

30'EE
29'
6"
34'
2'NN

KIRBY AVE
70'
EASEMENT

34'
6"
34'
2'NN

AVE
VAC.

AVE
6"
PUTNAM 70'

8" 18'NS
28'
50'
BRYANT AVE
4' TSV
6" 50'
8"-18'
12'NS
30"-20'

2'EE 6"
2'WW 8"-18'
30"-22'
5'NN
6" 19'
6" 10'
3'WW 8"-19'
18'

8"-15'
4'-30'
8"-15'
4'-29'
AVE
80'

5'WW 80'
33'
34'
PUTNAM 6"
8"-16'
4"-32'
8"-20'
4"-34'

70' AVE
34'
6"
24'EE
17'EE
26'WE

LINCOLN AVE
VAC.

6"
34'
8"SERV

VAC.

8" 33'
3' TSV
WABASH AVE
26'
26'SN 8"
18' VERMONT
35'NN 6"
31'
18'

8"-37'
30"-34'
3' TSV
TILDEN SCHOOL
19' WARREN
8"

5'WW 39'
6"
AVE
2'NN 33'
8"-19'
30"-21'
5'WW
3' TSV
18'

8"-37'
30"-34'
3' TSV
TILDEN SCHOOL
19' WARREN
8"

5'WW 39'
6"
AVE
2'NN 33'
8"-19'
30"-21'
5'WW
3' TSV
18'

AVE 70'
TRUMBULL AVE
34'
6"
2'NS 30'WE
35'
6"
COMMONWEALTH
35'
29'
2'NS

AVE 70'
TRUMBULL AVE
34'
6"
2'NS 30'WE
35'
6"
COMMONWEALTH
35'
29'
2'NS

142'
6'NN 6"
12'
8'NN 32'
18'NN
6"SERV

12'
2'SN 34'EW
12'

70'ESMT
12"
3' TSV
RAW TUNNEL
70'ESMT
12"
VACATED
ESMT
65' ESMT
70'

26'
8"
27'
6"
50'ESMT
VERMONT ST
8"-19'
30"-21'
23'WE
70'
TSV

8"-19'
30"-21'
23'WE
70'
TSV

12"-13'
30"-31'
3'SERV
12"-13'
30"-32'
12"-13'
30"-32'
2'NS
35'
6"
2'NS

12"-13'
30"-31'
3'SERV
12"-13'
30"-32'
12"-13'
30"-32'
2'NS
35'
6"
2'NS

7'WE
12"-13'
30"-32'
8"DI
2'NS
12'EE
13'NN 8"DI
7'
12'EE
8"
FOREST
30'
6'SS
8"

7'WE
12"-13'
30"-32'
8"DI
2'NS
12'EE
13'NN 8"DI
7'
12'EE
8"
FOREST
30'
6'SS
8"

8"DI
2'NS
12'EE
13'NN 8"DI
7'
12'EE
8"
FOREST
30'
6'SS
8"

70'
8"

6"CAP
30'
6"
RIVER
29'

8" 50'
6" 30'
CARO-LINE
31'
21'
6"
24'
15'
6"
2'WW 21'
6"
4' LOMBARD
6"

6" TSV
20'
6"
30'

6" TSV
20'
6"
30'

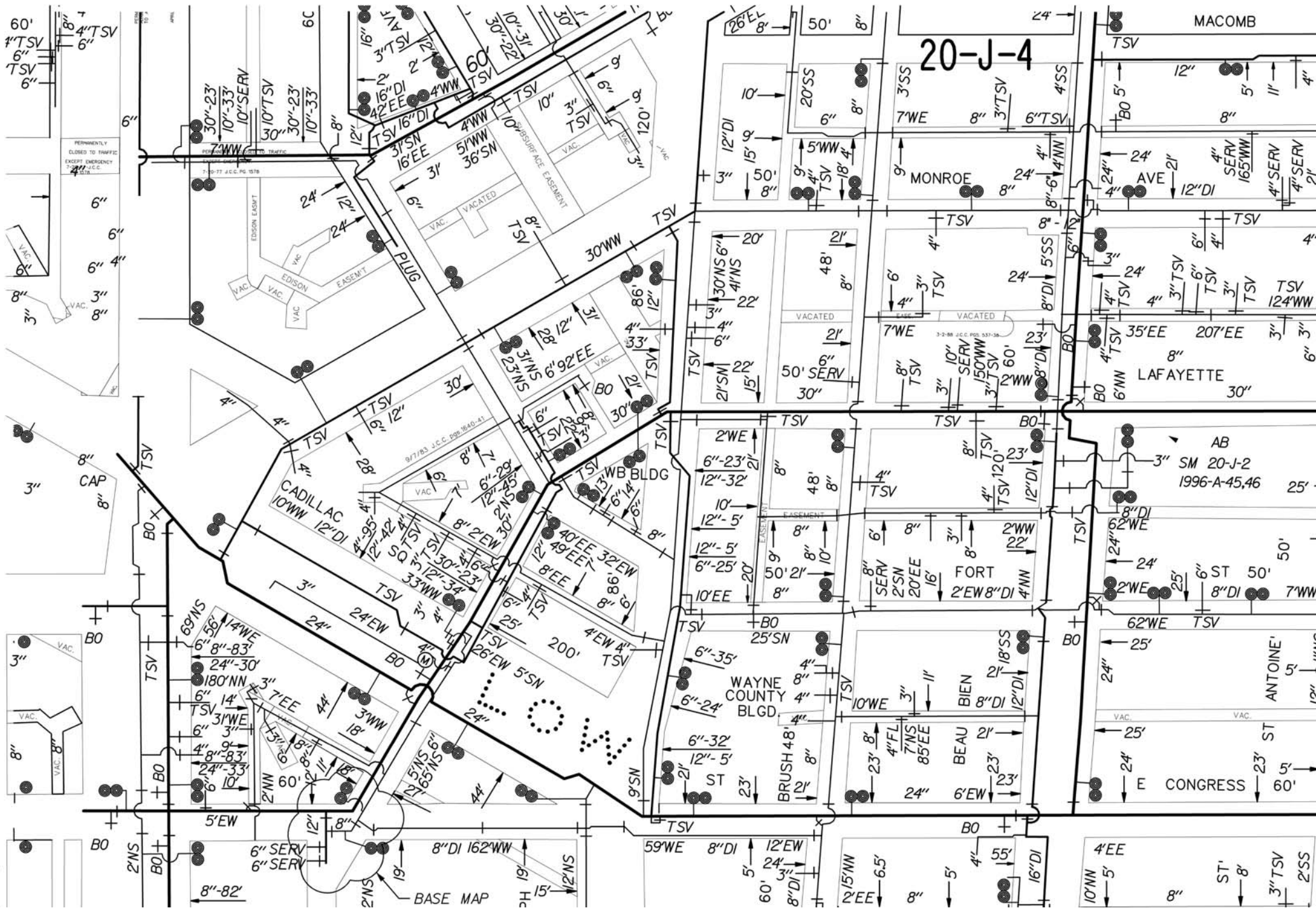
6"
34'
6"
36'

6"
34'
6"
36'

8"DI
36'
8"DI
4'SERV
6'SERV
21'SS
TRUMBULL

8"DI
36'
8"DI
4'SERV
6'SERV
21'SS
TRUMBULL

19' 8"
DWS WATER TUNNEL
EASEMENT



20-J-4

MACOMB

MONROE

LAFAYETTE

CADILLAC

WAYNE COUNTY BLDG

FORT

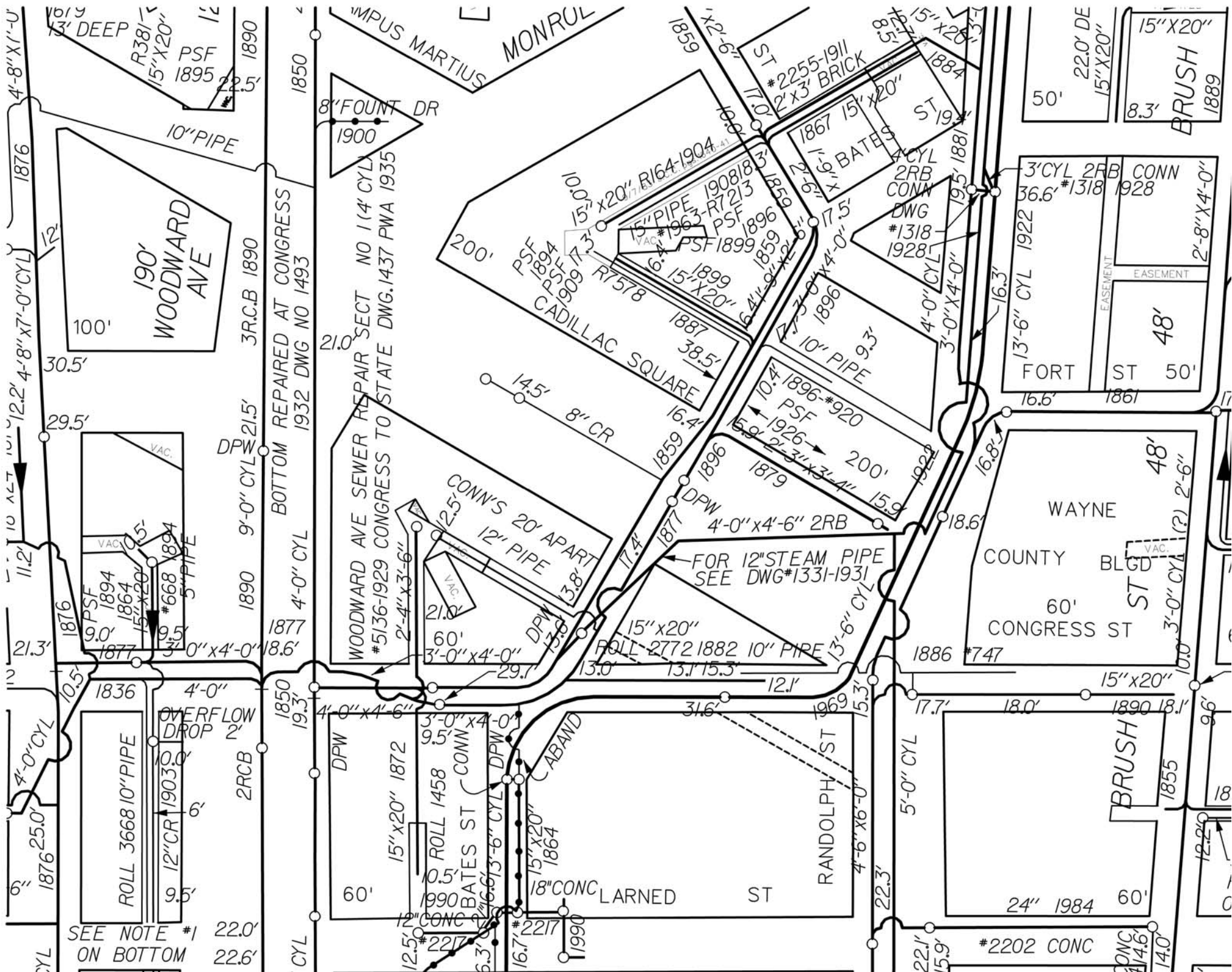
AB SM 20-J-2
1996-A-45,46

ANTOINE ST

E CONGRESS

BASE MAP

1-1



SEE NOTE #1
ON BOTTOM

WOODWARD AVE
190'

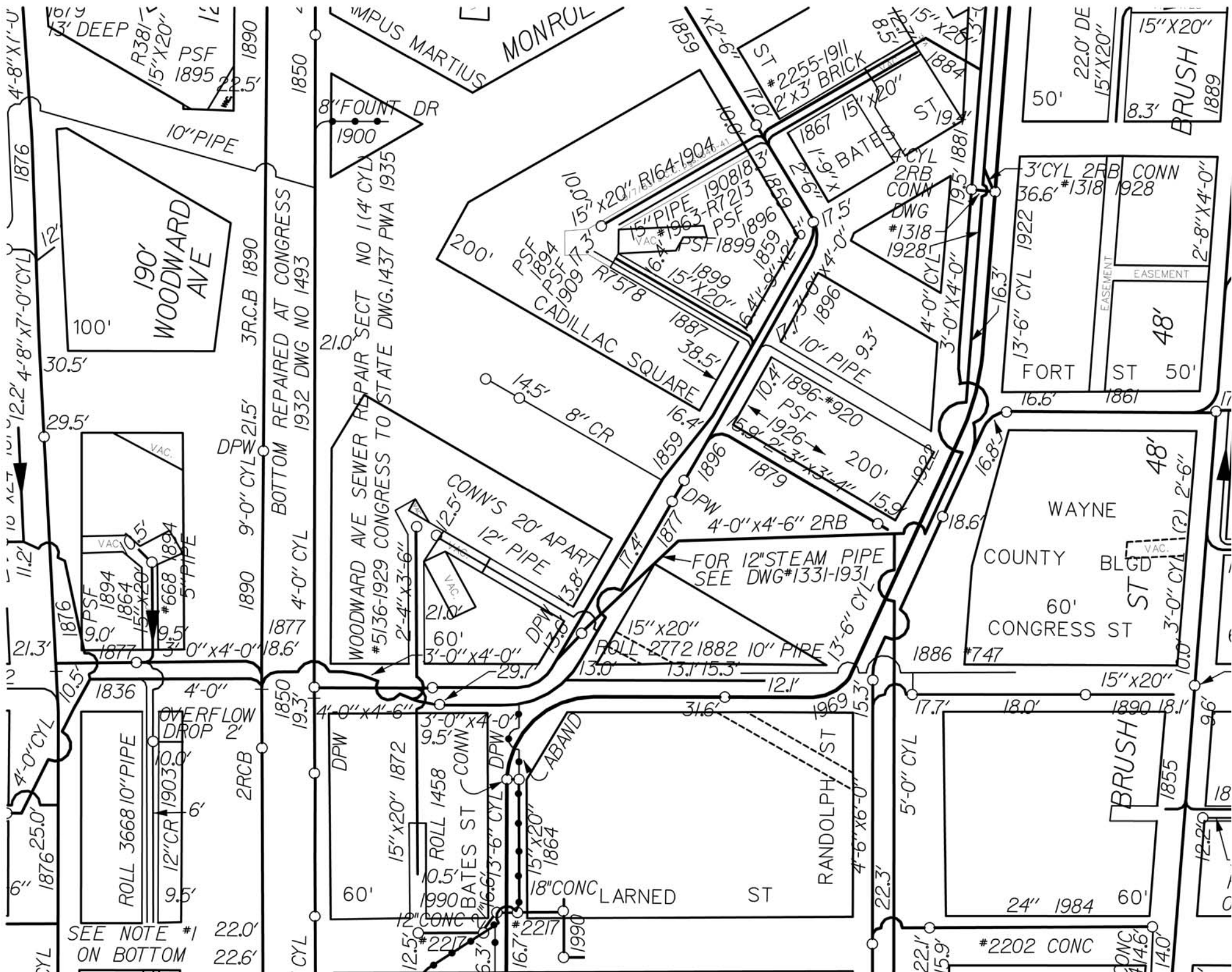
CADILLAC SQUARE
200'

WOODWARD AVE SEWER REPAIR SECT NO 1 (4' CYL)
#5136-1929 CONGRESS TO STATE DWG. 1437 PWA 1935

CONN'S 20' APART
12" PIPE

WAYNE COUNTY BLDG
CONGRESS ST

BRUSH
1889



SEE NOTE #1
ON BOTTOM

WOODWARD AVE
190'

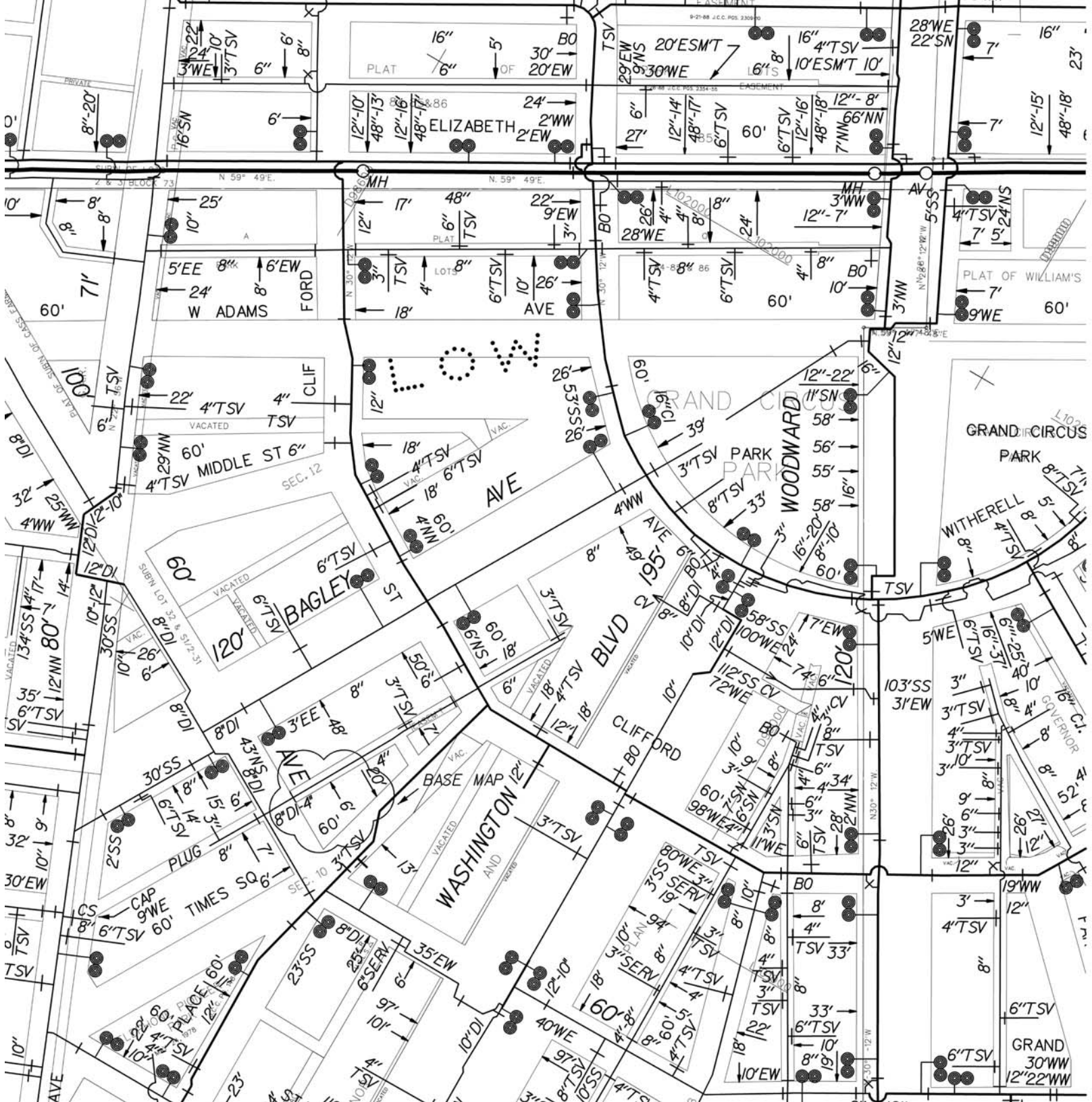
CADILLAC SQUARE
200'

WOODWARD AVE SEWER REPAIR SECT NO 1 (4' CYL)
#5136-1929 CONGRESS TO STATE DWG. 1437 PWA 1935

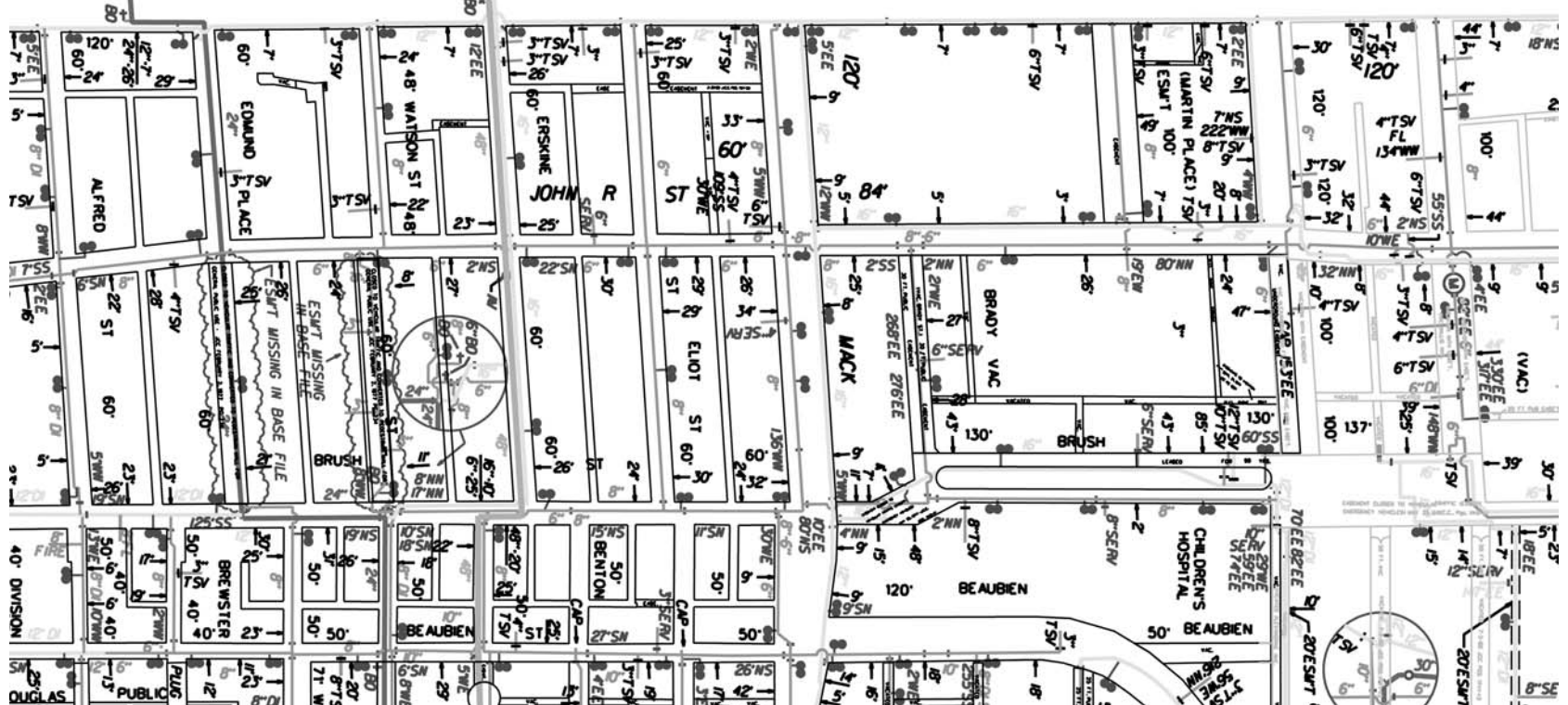
CONN'S 20' APART
12" PIPE

WAYNE COUNTY BLDG
CONGRESS ST

BRUSH
1889

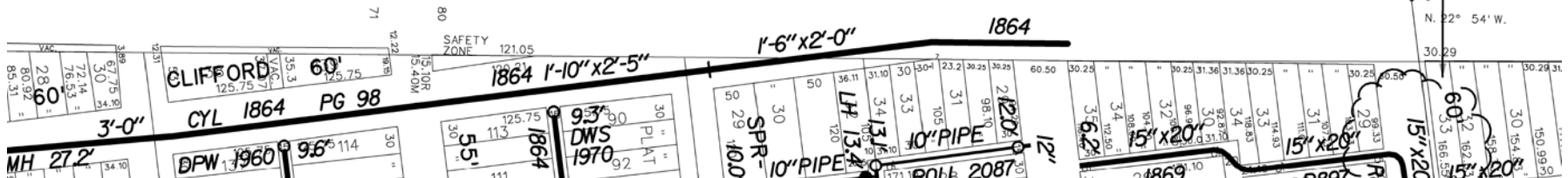
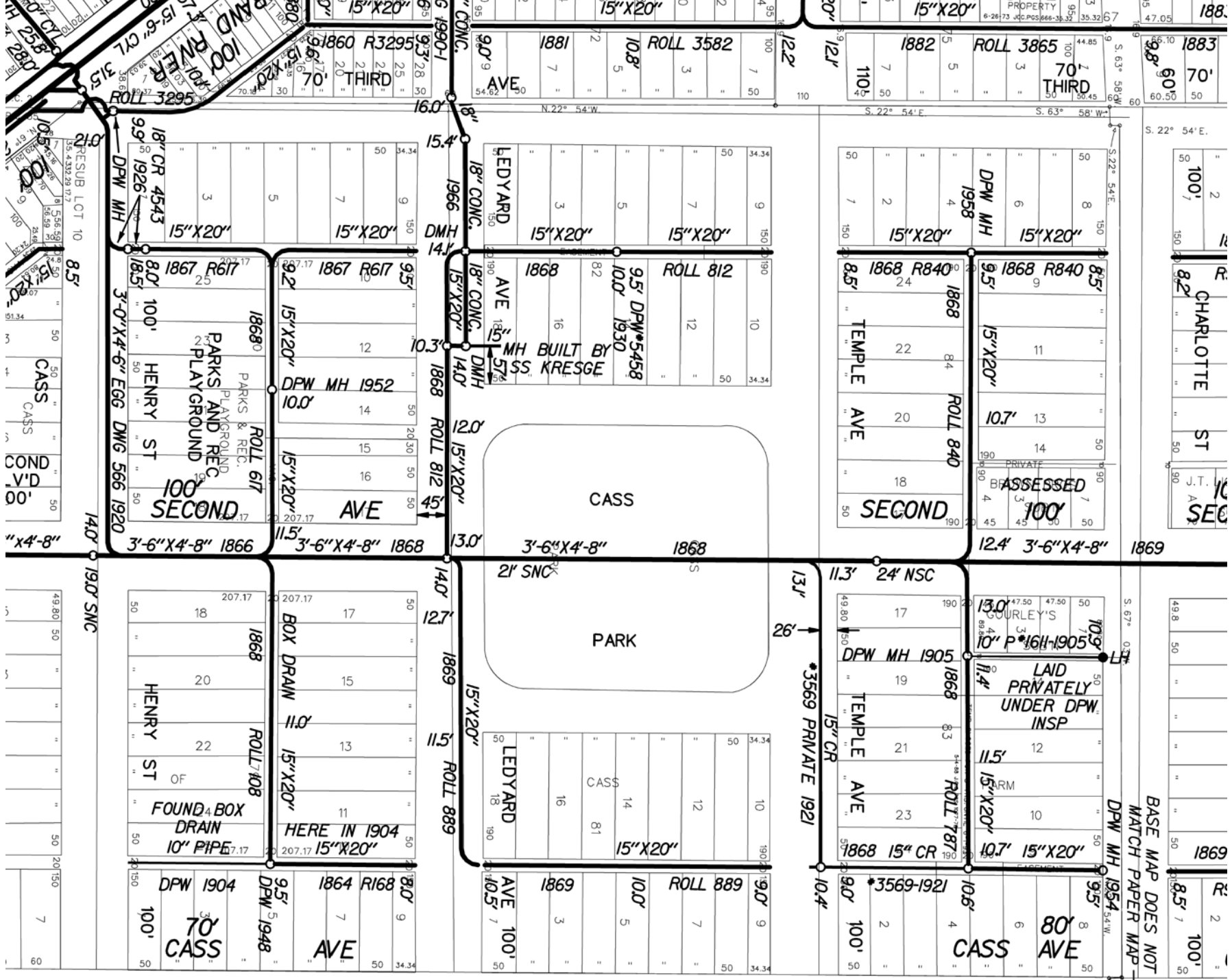


20-J-4









BASE MAP DOES NOT
MATCH PAPER MAP

LAD PRIVATELY
UNDER DPW
INSP

CASS
PARK

100' SECOND

FOUND BOX
DRAIN
10\"/>

70' CASS

MH BUILT BY
SS. KRESGE

1867 R617

1868 R617

1868 R617

1868 R617

1868 R617

1868 R617

1868 R617

1868 R617

1868 R617

1868 R617

1868 R617

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1868 R617

1868 R617



STOP HERE AS REPORTED BY GAS CREW 9-12-41

HORACE H. HACKRACKHAM PARK LOT 38 EDUCATIONAL BUILDING PSF 1917

THEODORE ST (VAC)

THEODORE ST

DAVOCK'S & DEGR

FEIFLE



STOP HERE AS REPORTED BY GAS CREW 9-12-41

HORACE H. HACKRACKHAM PARK LOT 38 EDUCATIONAL BUILDING PSF 1917

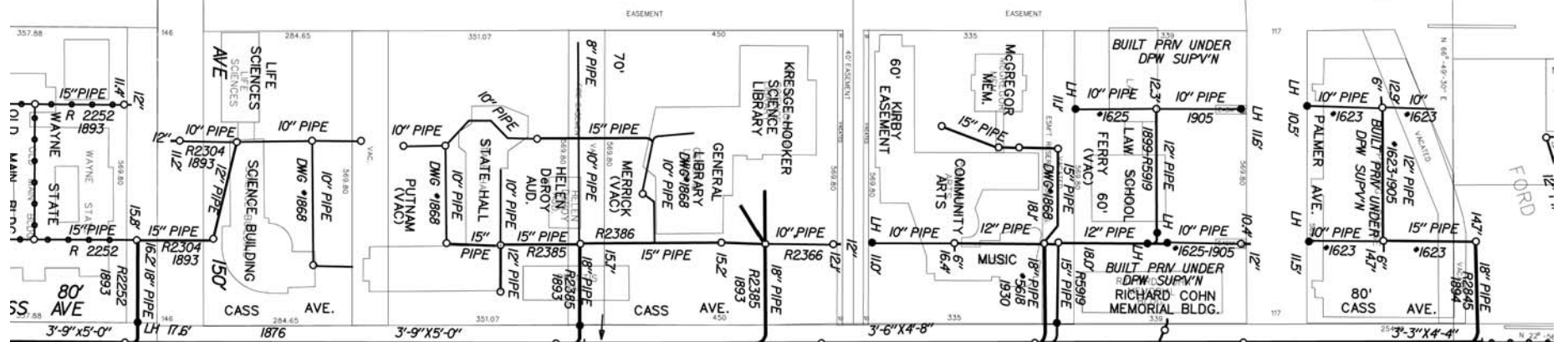
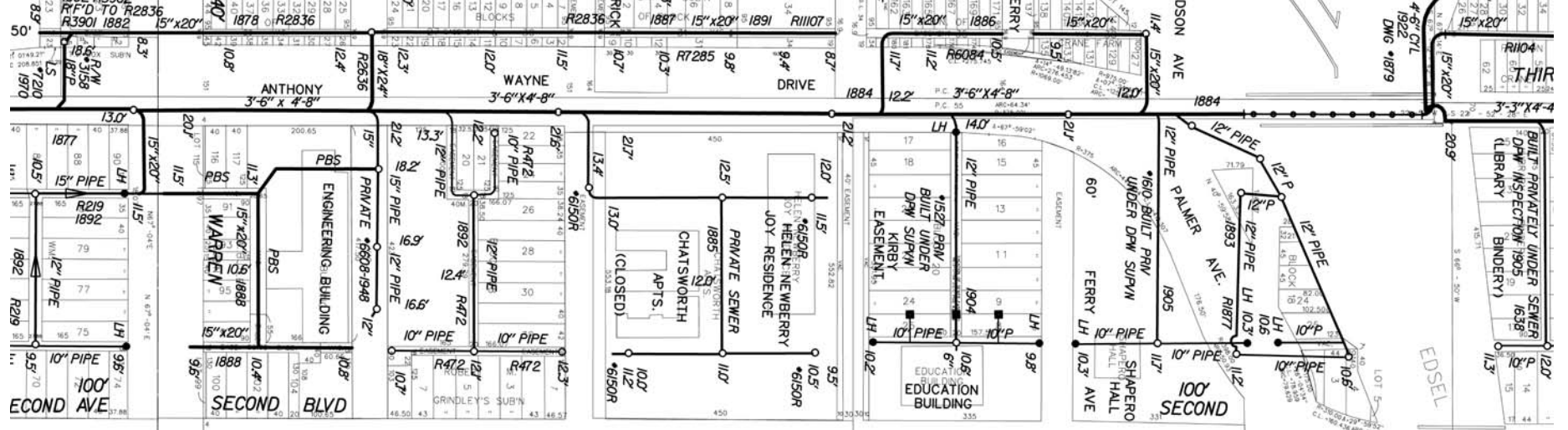
THEODORE ST (VAC)

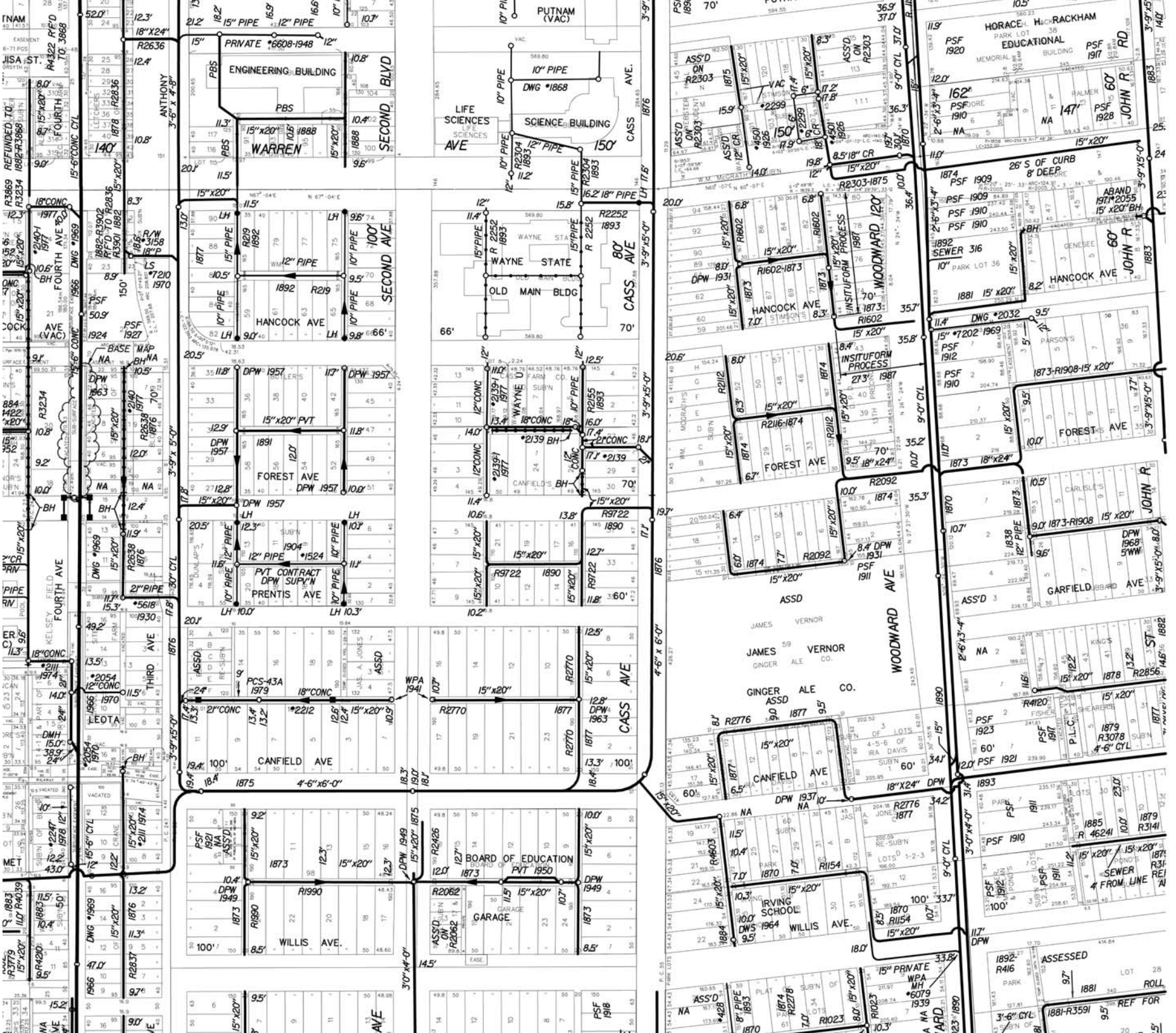
THEODORE ST

DAVOCK'S & DEGR

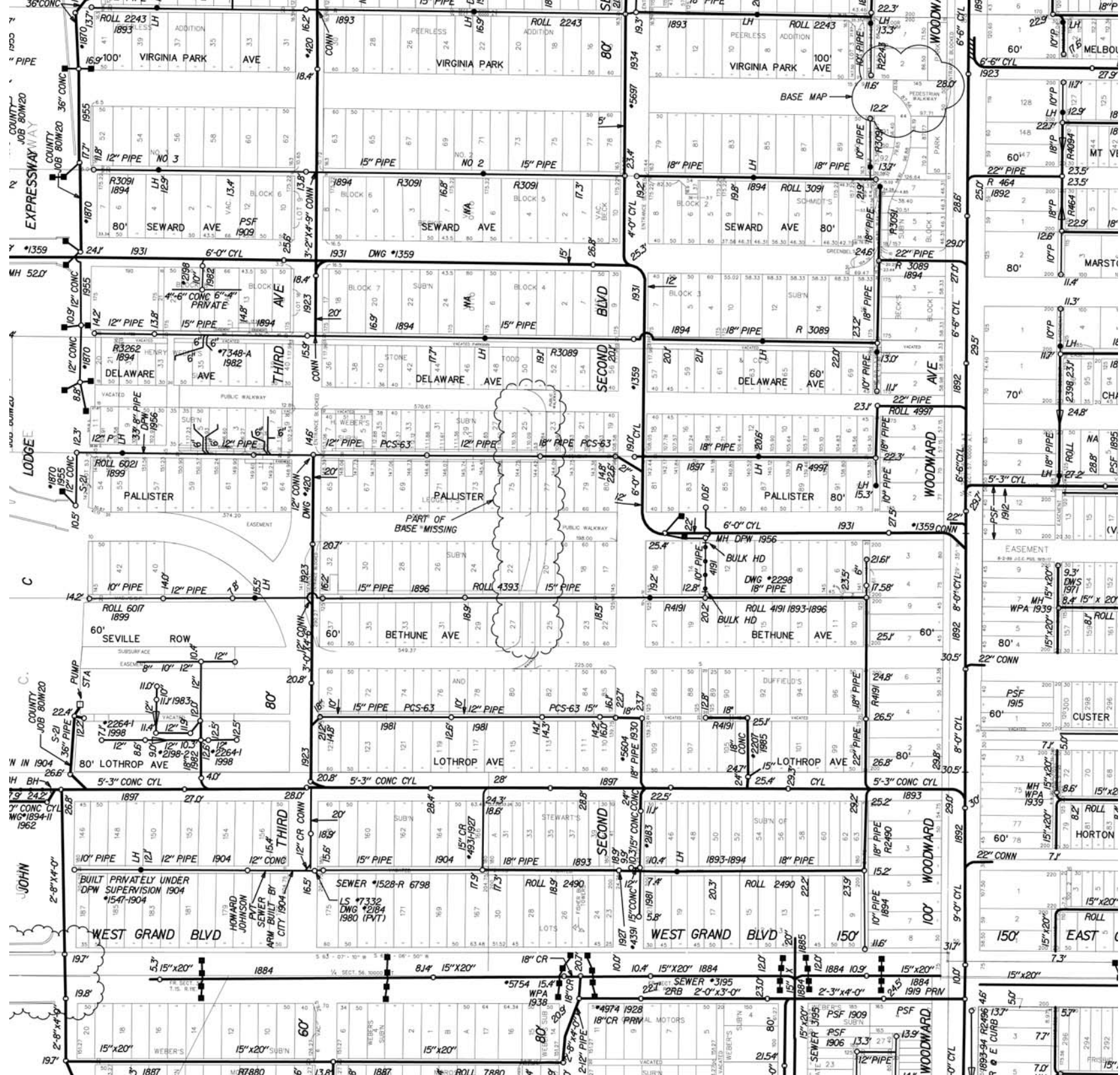
FEIFLE

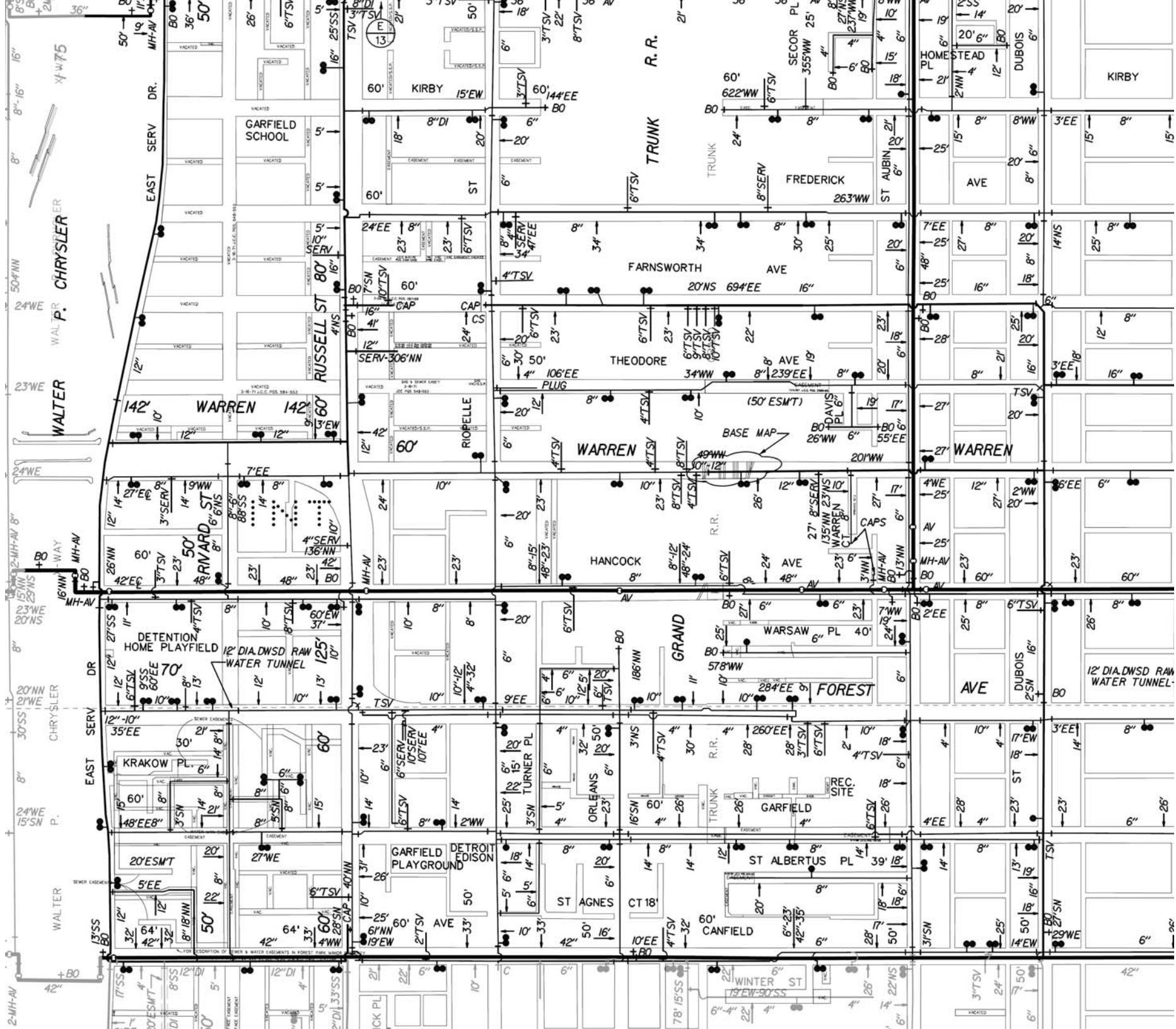












WALTER
WALTON P. CHRYSLER

WARREN 142' 10"

WARREN 142' 60"

WARREN

WARREN

DETENTION HOME PLAYFIELD

KRAKOW PL.

GARFIELD PLAYGROUND

ST AGNES

ST ALBERTUS PL.

ST ALBERTUS PL.

WICK PL.

WINTER ST.

WICK PL.

R. R. TRUNK

TRUNK

R. R.

TRUNK

R. R.

TRUNK

R. R.

BASE MAP

DAVIS PL.

WARREN

WARSAW PL.

GARFIELD

ST ALBERTUS PL.

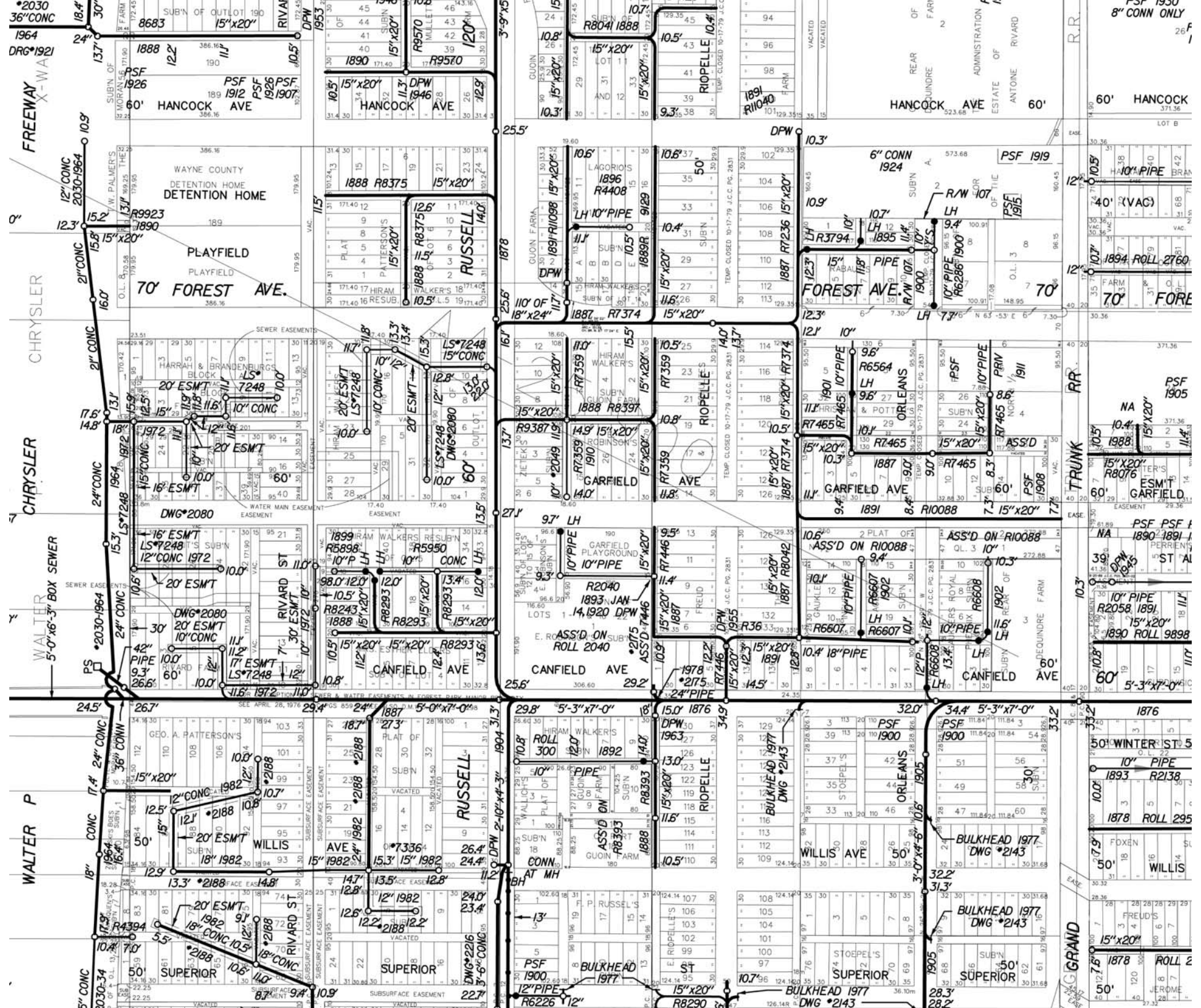
WINTER ST.

DESCRIPTION OF WATER ENCUMBRANCES IN FOREST PARK

12' DIA. DWS'D RAW WATER TUNNEL

12' DIA. DWS'D RAW WATER TUNNEL

12' DIA. DWS'D RAW WATER TUNNEL



2030
36" CONC
1964
DRG*1921

FREWAY
X-WAY

12" CONC
2030-1964
10.9'

CHRYSLER

CHRYSLER

WALTER
5'-0" 16'-3" BOX SEWER

PS
2030-1964
24" CONC

WALTER P

18" CONC
10.4'

5" CONC
2030-34

8683
1888
12.2'

PSF
1926
60' HANCOCK AVE

WAYNE COUNTY
DETENTION HOME
PLAYFIELD
70' FOREST AVE.

20 ESMT
LS*7248
15" CONC

DWG*2080
16" ESMT
LS*248
12" CONC 1972

20 ESMT
12" CONC 1972

20 ESMT
10" CONC

12" CONC
20 ESMT
18" 1982

20 ESMT
18" 1982

20 ESMT
15" CONC 10.5'

15" x 20"

HANCOCK AVE

1888 R8375
15" x 20"

12.6' 11.5' 10.0'

1899 R8898
10" P LH
10" CONC

12.0' 13.4' 12.0'

15" x 20"

12" CONC
20 ESMT
18" 1982

12" 1982

12" 1982

15" x 20"

HANCOCK AVE

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HANCOCK AVE

1888 R8375
15" x 20"

12.6' 11.5' 10.0'

1899 R8898
10" P LH
10" CONC

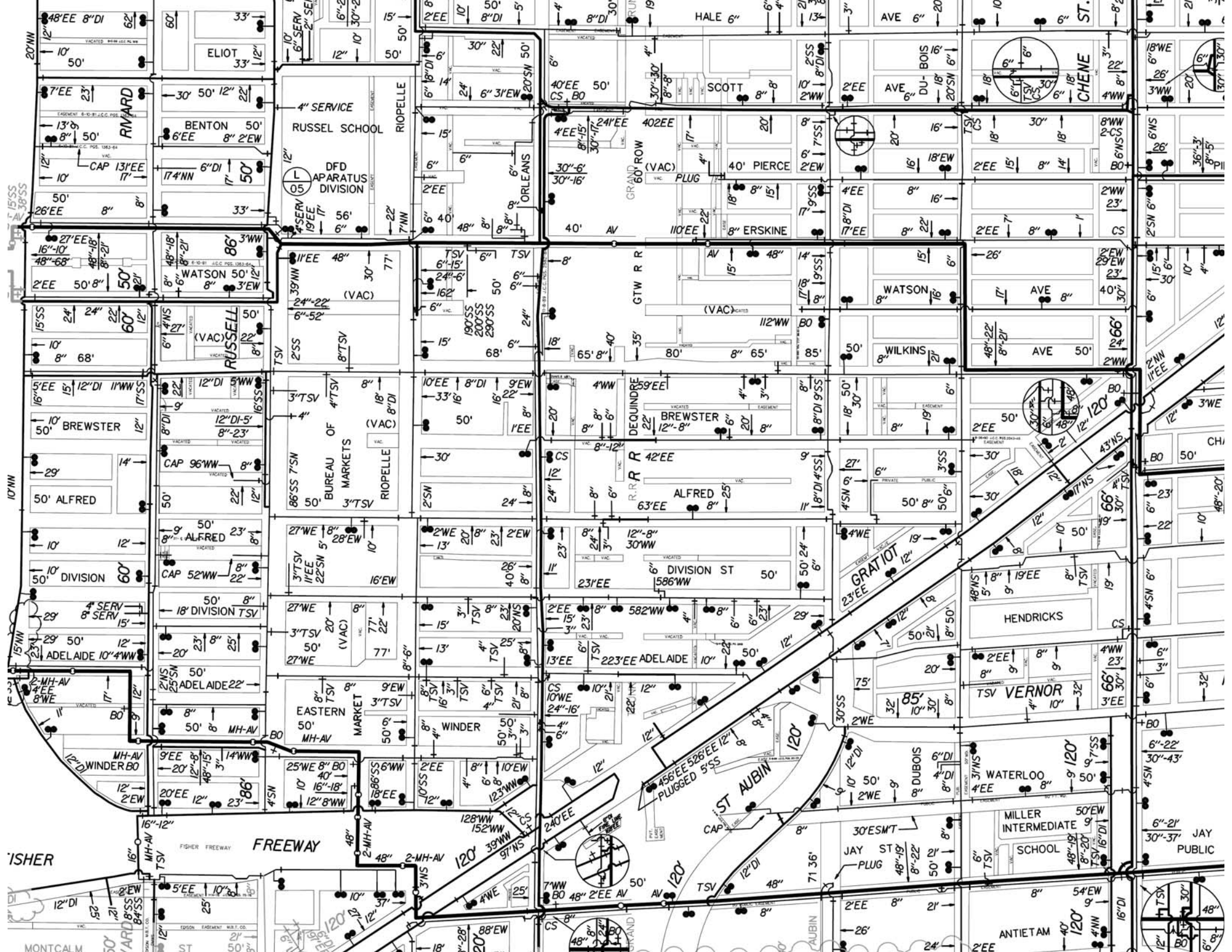
12.0' 13.4' 12.0'

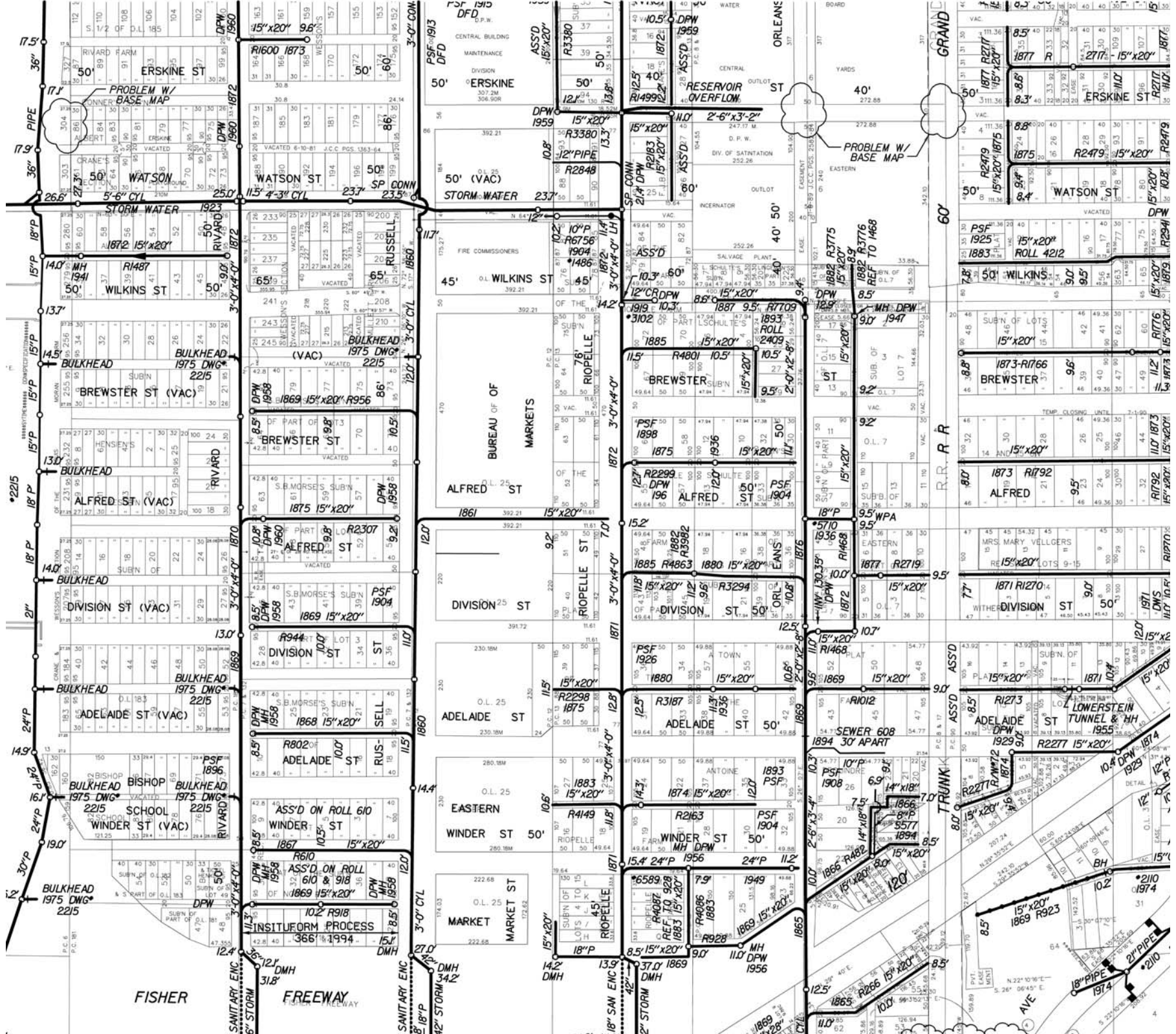
15" x 20"

12" CONC
20 ESMT
18" 1982

12" 1982

12" 1982





PROBLEM W/
BASE MAP

PROBLEM W/
BASE MAP

FISHER

FREEWAY

MARKET

BUREAU OF
MARKETS

FIRE COMMISSIONERS

STORM WATER

ERSKINE

ERSKINE

RESERVOIR
OVERFLOW

CENTRAL BUILDING

CENTRAL BUILDING

GRAND

R.R.R.

TRUNK

AVE

ADELAIDE ST

DIVISION ST

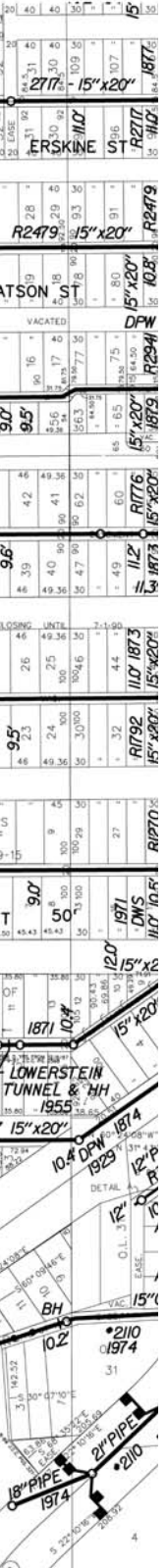
ALFRED ST

BREWSTER ST

WILKINS ST

ERSKINE ST

ERSKINE ST



SEWER 608
1894 30' APART

WINDY ST (VAC)

WINDY ST (VAC)

210

210

210

210

210

210

210

210

210

210

210

210

210



