

COST REIMBURSEMENT AGREEMENT
Bluehill Pumping Station

This COST REIMBURSEMENT AGREEMENT (this “Agreement”) is entered into by and between the CITY OF DETROIT, a Michigan municipal corporation, acting by and through its Water and Sewerage Department (“DWSD”), and the CITY OF HARPER WOODS, a Michigan municipal corporation (“Harper Woods”). Both DWSD and Harper Woods may each be referred to as a “Party” and collectively as the “Parties” to this Agreement.

WITNESSETH:

WHEREAS, the Great Lakes Water Authority (“GLWA”) operates the pumping station located at 17145 Mack Avenue, Detroit, Michigan 48224, commonly known as the Bluehill Pumping Station (the “Station”) as part of the Regional Sewer System (the “Sewer System”) and under the Regional Sewage Disposal System Lease, dated June 12, 2015, by and between the City of Detroit and GLWA (the “Sewer Lease”), which Station conveys sanitary sewage from portions of Harper Woods into the Sewer System for transport and treatment by GLWA;

WHEREAS, the City of Detroit, by and through DWSD, is obligated under the Sewer Lease to pay GLWA for costs associated with the Station, a portion of such costs is attributable to sanitary flows originating in Harper Woods;

WHEREAS, Harper Woods and DWSD commissioned a tributary area study in April 2022 (the “Tributary Area Study”), attached hereto and incorporated herein by reference as EXHIBIT A, which determined that Harper Woods’ sanitary flows represent approximately 2.2%–3.8% of the flow through the Station;

WHEREAS, given that DWSD has historically paid 100% of the Bluehill Station costs, including the portion attributable to sanitary flows from Harper Woods, the Parties agree to establish a binding cost-sharing mechanism that obligates Harper Woods to reimburse DWSD for its ongoing allocable share of Station costs, including specifically those costs attributable to Harper Woods for Fiscal Year 2023 and Fiscal Year 2024;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby severally acknowledged, the Parties agree as follows:

1. **PURPOSE.** This Agreement establishes a cooperative framework between DWSD and Harper Woods for the equitable sharing of operational costs at the Station.

2. **TERM.** This Agreement shall take effect upon approval by (i) the Harper Woods City Council, and (ii) the DWSD Board of Water Commissioners (the "**Effective Date**"), and shall continue in effect in perpetuity for so long as sanitary flows from Harper Woods enter the Station (the "**Term**"). This Agreement shall not be subject to termination for convenience, and the Parties acknowledge that termination of service is not a viable or preferred remedy.
3. **COST SHARING.** Harper Woods shall reimburse DWSD for its proportionate share of operational and direct costs that DWSD incurs and pays to GLWA for the Station. Payment obligations under this Section 3 shall survive termination or expiration.
 - a. *Annual Reimbursement.* For each twelve (12) month period beginning on July 1 of each calendar year and ending on June 30 of the following calendar year, or such other fiscal year as may be adopted by DWSD (each, a "**Fiscal Year**"), Harper Woods shall reimburse DWSD for its allocable share of costs DWSD incurs and pays to GLWA attributable to the Station, as determined annually by DWSD based on flow data and cost allocation methodologies in effect for that Fiscal Year (the "**Annual Reimbursement**").
 - i. Initial Allocation. Until the first Allocation Reassessment (as defined in Section 3.d. herein), Harper Woods' allocable share shall be fixed at 3.8% of both (A) the Operations Control costs allocated to DWSD by GLWA and (B) the direct costs of the Bluehill Pump Station.
 - ii. Future Allocations. Following any Allocation Reassessment under Section 3.d, if data and analysis produce a range of percentages for Harper Woods' proportional share, DWSD shall apply the highest percentage within that range in calculating Harper Woods' Annual Reimbursement.
 - b. *Payment.* Within sixty (60) days after DWSD receives from GLWA its annual invoice for Station costs, DWSD shall calculate Harper Woods' Annual Reimbursement and issue to Harper Woods a written invoice detailing Harper Woods' allocable share and Annual Reimbursement for that Fiscal Year, together with supporting cost documentation. Harper Woods shall pay the Annual Reimbursement in a single lump sum within thirty (30) days of receiving DWSD's invoice.
 - c. *Allocation Reassessment.* Every five (5) years after the Effective Date, DWSD shall review flow data and other relevant information to determine Harper Woods' proportional share of flow through the Station (the "**Allocation Reassessment**"). DWSD shall notify Harper Woods in writing of any revised percentage, which shall take effect at the start of the subsequent Fiscal Year. Harper Woods may object to DWSD's determination by providing a written objection, with substantive supporting documentation, within sixty (60) days of receiving DWSD's notice. Any

objection shall not delay or suspend Harper Woods' payment obligations. DWSD's revised percentage shall remain in effect unless and until a different percentage is mutually agreed or determined through legal proceedings by a court of competent jurisdiction. If the Allocation Reassessment produces a range of percentages for Harper Woods proportional share, DWSD shall apply the highest percentage, unless otherwise mutually agreed to in writing by DWSD and Harper Woods, or as determined through legal proceedings by a court of competent jurisdiction.

- d. *Past Reimbursements.* DWSD and Harper Woods agree that Harper Woods shall reimburse DWSD only for its allocable share of Station costs for Fiscal Year 2023 and Fiscal Year 2024, as determined by DWSD based on GLWA's final invoices for those years.

- i. FY2023 Annual Reimbursement. Harper Woods shall pay DWSD Seventeen Thousand Five Hundred Forty-Eight and 69/100 Dollars (\$17,548.69) for its Fiscal Year 2023 Annual Reimbursement, representing its allocable share of costs for Fiscal Year 2023. This payment shall be due within thirty (30) days after the Effective Date and shall be supported by documentation provided with DWSD's invoice.

- ii. FY2024 Annual Reimbursement. Harper Woods shall pay DWSD Twenty-Two Thousand Nine Hundred Ninety-Five and 86/100 Dollars (\$22,995.86) for its Fiscal Year 2024 Annual Reimbursement, representing its allocable share of costs for Fiscal Year 2024. This payment shall be due within thirty (30) days after the Effective Date and shall be supported by documentation provided with DWSD's invoice.

- 4. **COMPLIANCE.** The Parties agree to comply with all applicable federal and state laws, regulations, permits, and ordinances.
- 5. **DEFAULT AND REMEDIES.** If Harper Woods fails to make payment when due, or otherwise materially breaches its obligations under this Agreement, DWSD may pursue any and all remedies available at law or equity, including but not limited to: (i) an action for damages; (ii) immediate injunctive relief requiring Harper Woods to make payment or comply with its obligations; and (iii) recovery of reasonable attorney fees and costs incurred in enforcement. This Section shall survive any termination or expiration of this Agreement.
- 6. **LIABILITY.** Each Party shall be responsible solely for its own acts, omissions, and liabilities as provided by law. Neither Party shall be liable to the other for any special, indirect, incidental, or consequential damages, including but not limited to lost profits, loss of use, or loss of business opportunities, arising out of or related to this Agreement. Nothing in this Agreement shall be construed as an assumption

by either Party of the debts, obligations, or liabilities of the other Party. This Section shall survive any termination or expiration of this Agreement.

7. **DISPUTE RESOLUTION.** If the Parties are unable to resolve a dispute, either Party may pursue remedies at law or equity in a court of competent jurisdiction. Any litigation shall be brought exclusively in the U.S. District Court for the Eastern District of Michigan or the Wayne County Circuit Court, as applicable.
8. **NOTICES.** All notices, requests, consents, approvals, and other communications required or permitted under this Agreement shall be in writing and shall be deemed given (i) when delivered personally; (ii) on the date sent by a nationally recognized overnight courier with confirmation of delivery; or (iii) three (3) business days after being deposited in the United States Mail, certified or registered, postage prepaid, return receipt requested, addressed as follows:

If to Harper Woods:

City of Harper Woods
19617 Harper Avenue
Harper Woods, Michigan 48225

If to DWSD:

Detroit Water and Sewerage Dept.
735 Randolph Street, Suite 2000
Detroit, Michigan 48226
Attn: Chief Financial Officer

With a copy to:

Detroit Water and Sewerage Dept.
735 Randolph Street, Suite 901
Detroit, Michigan 48226
Attn: General Counsel

9. **GENERAL PROVISIONS.**

- a. This Agreement shall not be binding against either Party until it has been approved by the Harper Woods City Council and the DWSD Board of Water Commissioners.
- b. This Agreement, including the Exhibits attached hereto, contains the entire agreement between the Parties, and all prior negotiations and agreements are hereby merged into this document.
- c. Failure of either Party to enforce any provision of this Agreement shall not be construed as a waiver of that provision or any other provision.
- d. If any provision of this Agreement is held invalid, the remainder shall not be affected and shall continue in full force and effect.
- e. This Agreement may be amended only by a writing that expressly references this Agreement, is signed by authorized representatives of both

Parties, and has been approved by the DWSD Board of Water Commissioners and the Harper Woods City Council.

[Remainder of page intentionally left blank; signature page follows.]

**SIGNATURE PAGE
TO
COST REIMBURSEMENT AGREEMENT**

IN WITNESS WHEREOF, the Parties have hereby executed this Agreement by and through their duly authorized representatives, effective as of the Effective Date.

DWSD:

CITY OF DETROIT,
a Michigan municipal corporation
acting by and through its
Water and Sewerage Department

By: _____

Name: _____

Title: _____

Date: _____

APPROVED BY DETROIT
BOARD OF WATER
COMMISSIONERS ON:

Date

APPROVED AS TO FORM BY
DWSD GENERAL COUNSEL:

Signature Date

HARPER WOODS:

HARPER WOODS,
a Michigan municipal corporation

By:  _____

Name: John Szymanski

Title: City Manager

Date: 12-2-2025

EXHIBIT A
2022 Tributary Area Study

[attached hereto]



MEMORANDUM

To: Kashmira Patel, P.E., GLWA
Suzanne Coffey, P.E., GLWA
Patrick Gross, GLWA

From: Karen Ridgway, P.E. Applied Science, Inc.

Project: GLWA Contract No. 2003785

Subject: Bluehill PS Tributary Area Study

Date: April 7, 2022

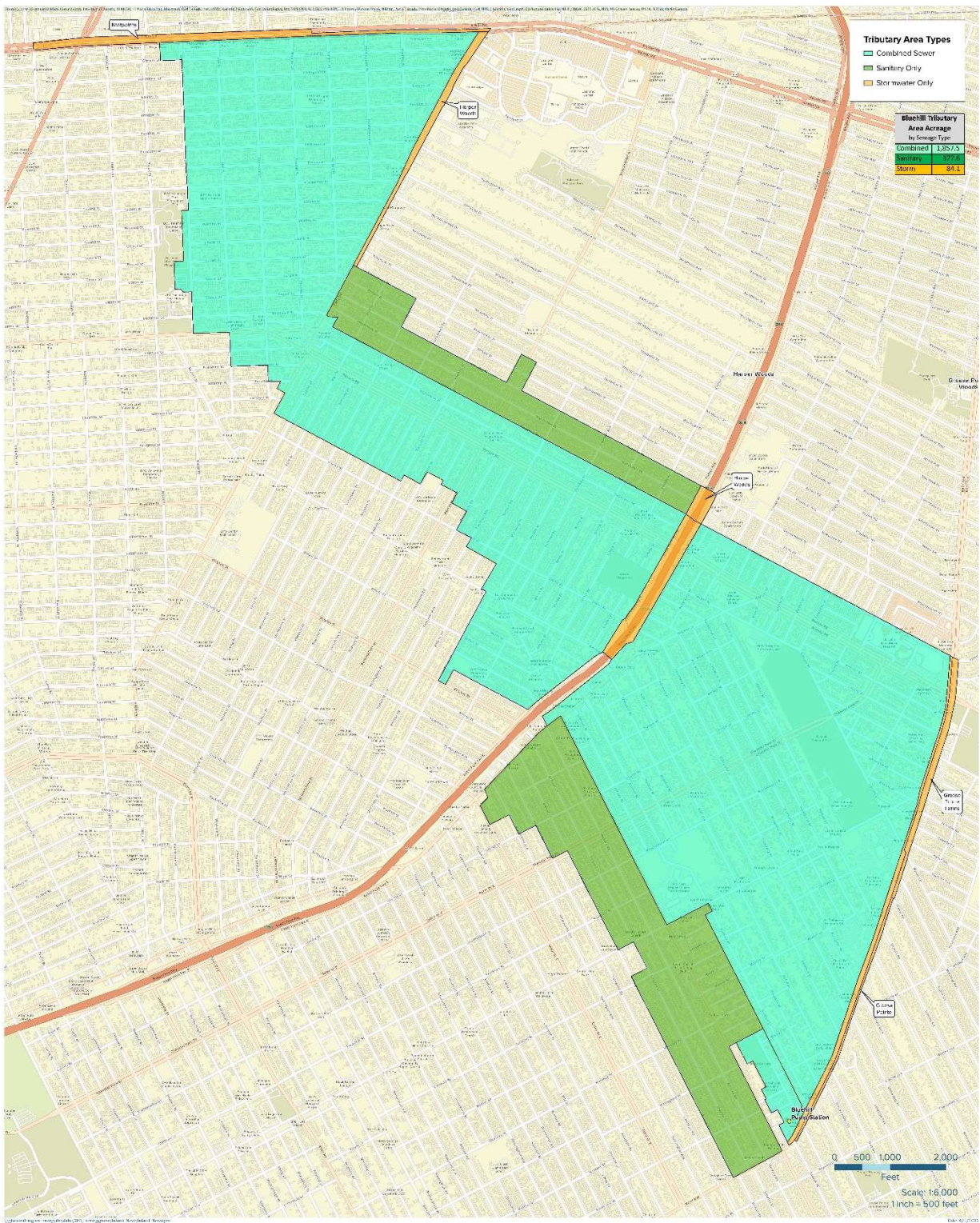
Introduction

The purpose of this study was to delineate the dry and wet weather areas that are tributary to the Bluehill Pumping Station (PS). In this memorandum, a part of Harper Woods is documented to be tributary to the Bluehill PS. Potential suburban customer connections from the City of Grosse Pointe near Lorraine Street were investigated. Also, the dry and wet weather tributary areas in Detroit were field investigated and are documented.

Results

The overall results of the field and map investigation are shown on Figure 1. The blue shaded area is served by combined sewers in the City of Detroit. The green shaded areas are sanitary sewer areas in Detroit and Harper Woods. The green shaded areas contribute only sanitary wastewater to Bluehill PS. The orange shaded areas are storm drainage areas along 8 Mile, I-94 and Mack Avenue that are tributary to the Bluehill PS. These storm drainage areas include Wayne County and State of Michigan roadway in Eastpointe, Grosse Pointe Farms, Grosse Pointe, and Harper Woods.

Figure 1. Bluehill PS Tributary Area



Harper Woods

A copy of a previous study is included in Appendix A that delineates the part of City of Harper Woods that is tributary to the Bluehill PS. This area in Harper Woods contributes sanitary wastewater to Bluehill PS. The storm water is discharged to the Girard Drain that runs to the Milk River PS retention/treatment basin. The previous study was conducted in 2013 for the Milk River Intercounty Drain Drainage District (MRIDDD) and involved review of historical mapping and field work. The number and locations of the connections from Harper Woods are listed in the attached memorandum from the previous study.

Figure 2 shows a detailed map of the area of Harper Woods that is tributary to Bluehill PS. The 12-inch connections from Harper Woods to the DWSD sewer system are called out as restricted to 6-inches on the DWSD sewer section maps. These restrictions were not field verified.

Potential City of Grosse Pointe Connections

Figure 3 shows the vicinity of Mack Avenue and Lorraine Street where potential connections from the City of Grosse Pointe sewers were field investigated. There is a manhole on a 4-foot diameter, 39-foot deep DWSD sewer that runs from Harvard Street to the influent of the Bluehill PS along the northerly side of Mack Avenue. A DWSD manhole, WWMH0000031234, exists in Mack Avenue on this sewer across from Lorraine Street. The connections to this manhole were field investigated.

Near Lorraine Street, Mack Avenue is a Wayne County Road that divides the Cities of Grosse Pointe and Detroit. Part of the road right-of-way is in Detroit and part is in Grosse Pointe.

During the field work on March 17, 2022, the Bluehill PS was shut off and storing wastewater. Therefore, the wastewater depth in Manhole WWMH0000031234 was about 15-feet and the 4-foot diameter sewer pipes at the bottom were not visible. The manhole rim to wastewater depth was estimated to be about 25-feet. Therefore, it is not likely that there are additional sewer connections deeper than 25-feet.

Figure 2. Harper Woods Tributary Area

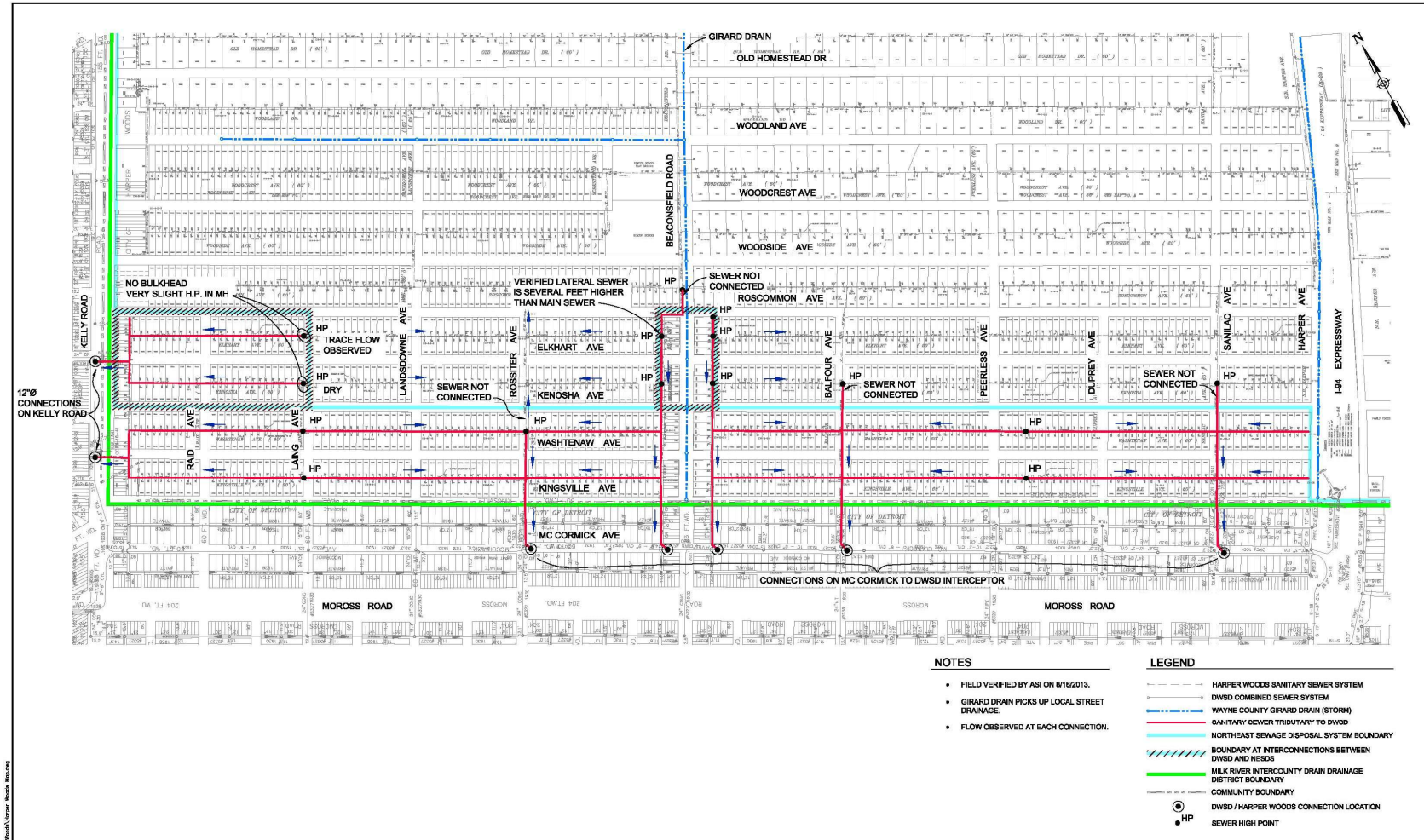
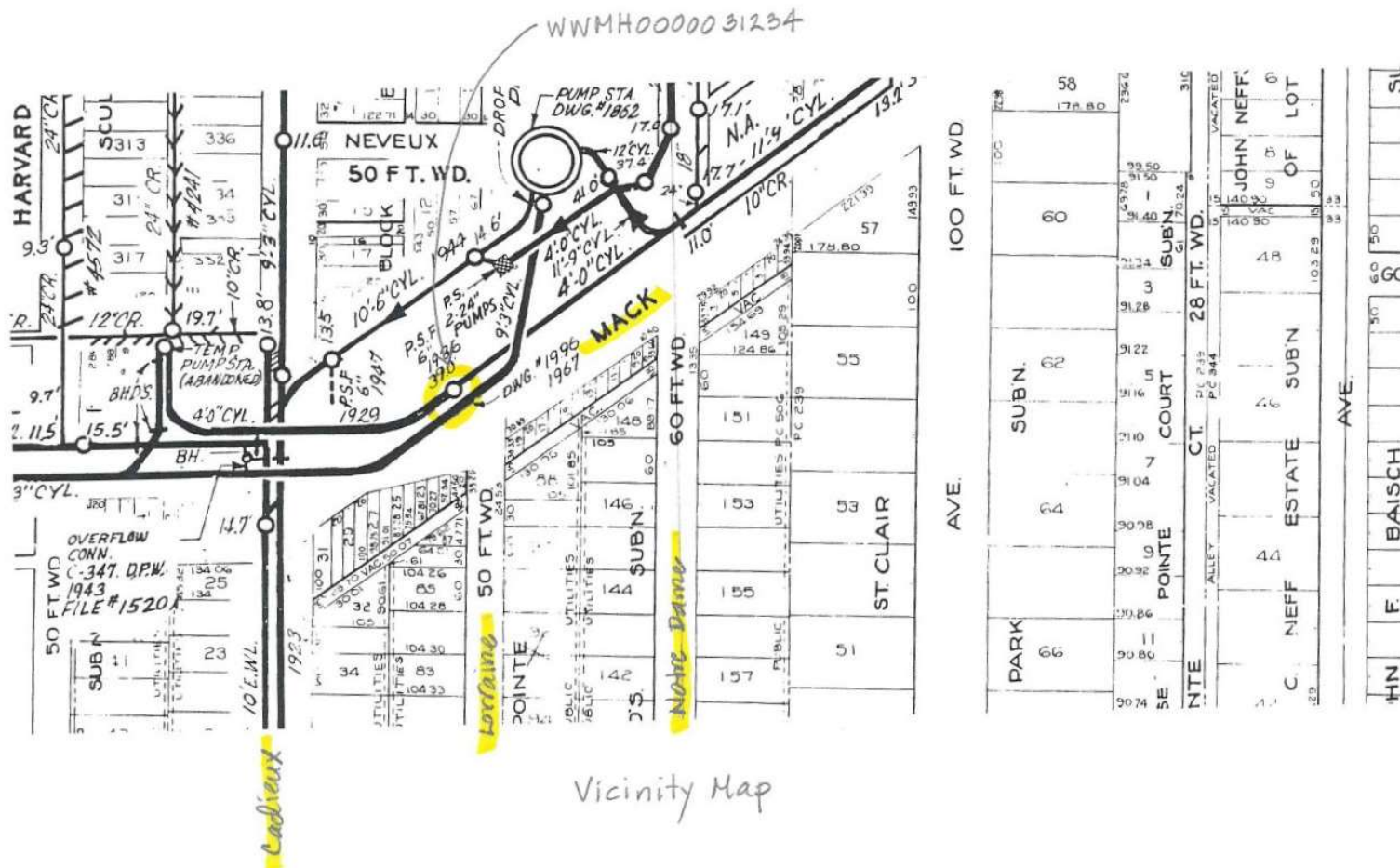


Figure 3. Mack Avenue near Lorraine Street



The sewer connections to Manhole WWMH0000031234 were identified and traced back to their origin, if possible. Also, the City of Grosse Pointe sewers on Lorraine Street were field investigated. A list of the sewer/drainage structure is provided on Table 1. The results of the field investigations are presented on Table 2 and shown on Figure 4. There is an unknown 6-inch diameter connection to Manhole #3 that has a rim-to-invert depth of about 5.7-feet. This connection was dry during both dry and wet weather inspections and is likely too shallow to be a sanitary connection. It is likely from an abandoned utility vault.

No sanitary sewer connections from the City of Grosse Pointe were identified as being tributary to Manhole WWMH0000031234. The sanitary wastewater in Grosse Pointe flows southerly on Lorraine Street or Cadieux Road toward the City of Grosse Pointe Neff Road PS.

Storm drainage from Mack Avenue and from a Detroit Edison manhole were found to be tributary to Manhole WWMH0000031234. Storm sewer connections from both the northerly and southerly sides of Mack Avenue to Manhole WWMH0000031234 were identified. It appears that the entire Mack Avenue right-of-way drains to the Bluehill PS in the vicinity of Lorraine Street.

Storm drainage from the City of Grosse Pointe streets and parcels flow away from Mack Avenue southerly toward the Neff PS. The site plan for the Saros office building along Mack Avenue between Cadieux Road and Lorraine Street in Grosse Pointe was provided by the City of Grosse Pointe. The site plan supports the findings of the field work and is shown on Figure 5.

Table 1. Structures Investigated near Mack Avenue and Lorraine Street

Structure ID	Type
31234	DWSD Manhole
1	Catch Basin
2	Detroit Edison Vault
3	Storm Manhole
4	Catch Basin
5	Storm Manhole
6	Catch Basin
7	Catch Basin
8	Detroit Edison Vault
9	Catch Basin
10	Storm Manhole
11	Catch Basin
12	Catch Basin
13	Sanitary Manhole

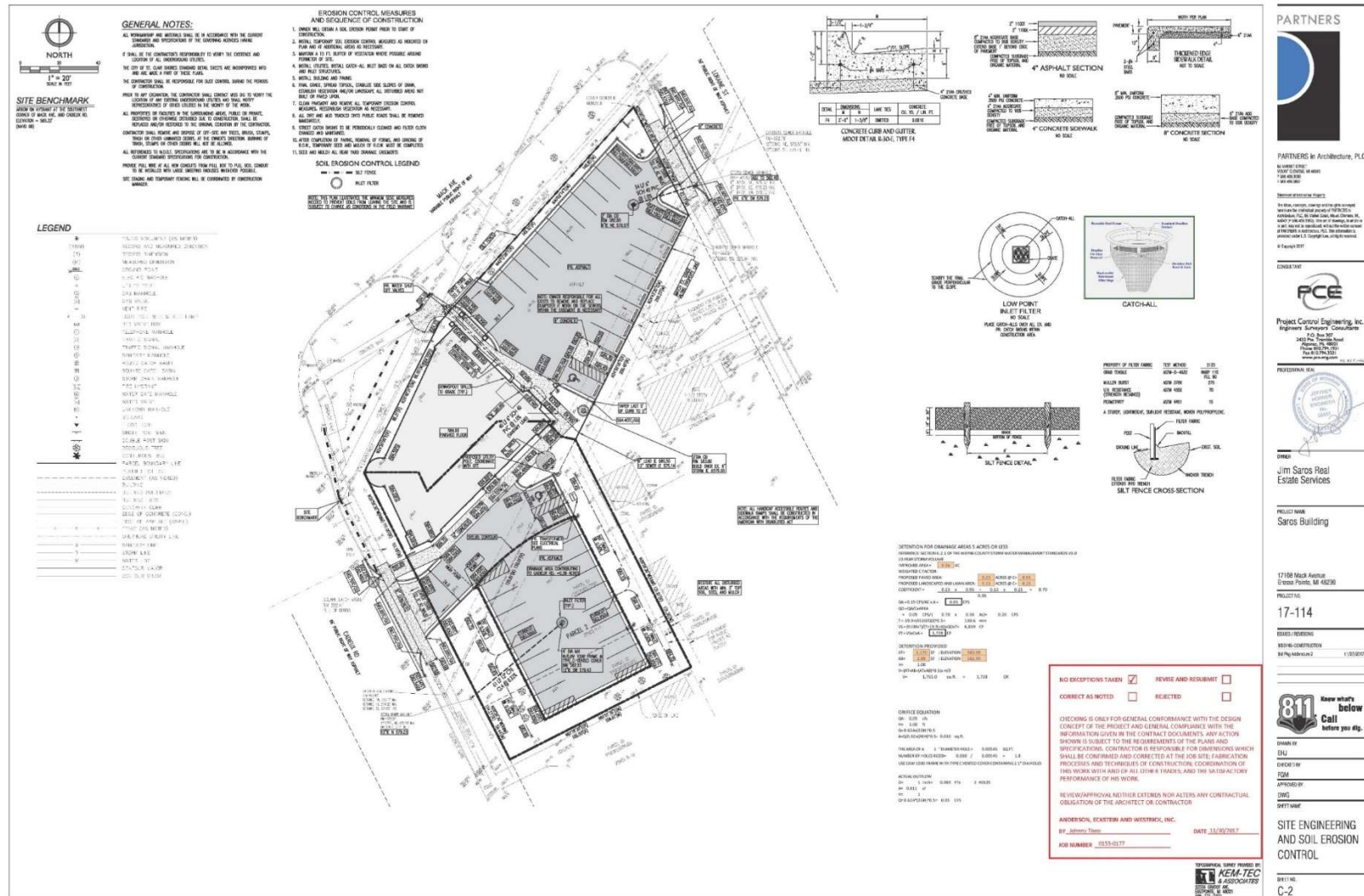
Table 2. Grosse Pointe Field Investigation Results

Structure ID	Location	Connections						
		Diameter (inches)	Material	Orientation	Incoming or Outgoing	Dry Weather Flow Condition	Rim to Invert (feet)	Notes
WWMH00000-31234	Mack Avenue east of Cadieux	12	Concrete	N	In	Dry	6.2	From CB (#1)
		6	CI	NNE	In	Dry	9.8	from Animal Hospital
		6	CI	E	In	Trickle	13.0	from Det. Ed. MH
		18	CI	SE	In	Trickle	10.0	from MH (#3)
		48	Brick	SW	In	--	--	from Harvard Drop
		48	Brick	NE	Out	--	--	to Bluehill PS
#3	Mack east of Cadieux	12	CI	NW	In	Dry	5.5	from CB (#4)
		18	CI	NE	In	Trickle	8.3	from MH (#5)
		6	CI	S	In	Dry	5.7	Unknown
		18	CI	NW	Out	Trickle	8.3	to WWMH0000031234
#5	Mack Avenue at Lorraine	12	--	NW	In	Dry	--	from CB (#6)
		12	--	NNE	In	Dry	--	from Storm MH to NE
		12	--	SE	In	Dry	--	from CB (#7)
		18	--	SSW	Out	Dry	--	to MH #3
#10	Lorraine at Alley south of Mack	6	PVC	WSW	In	Dry	3.4	from CB (#9)
		8	Crock	SSW	In	Dry	4.1	from CB (#11)
		8	Crock	NNE	In	Dry	3.9	from CB (#12)
		12	Crock	SE	Out	Dry	4.2	into Grosse Pointe
#13	Lorraine at Alley south of Mack	10	Crock	NNE	In	Flow	7.4	From Alley to the NE
		10	Crock/CIPP	SE	Out	Flow	7.4	into Grosse Pointe

Figure 4. Grosse Pointe Field Investigation Map



Figure 5. Saros Building Site Plan



Tributary Area in Detroit

The Bluehill PS serves the far east side of the City of Detroit. The Bluehill PS tributary area abuts the tributary area of the Fairview PS. Sewer section maps for the City of Detroit were reviewed and manholes were identified for field investigation. These manholes were at sewer interconnections or highpoints where the flow direction and sewer connectivity were unclear on the sewer section maps and in DWSD's wastewater collection system GIS.

GLWA provided plan view maps from DWSD's GIS system of the areas to be field investigated so that the manhole IDs could be referenced.

The marked-up sewer section maps are provided in Appendix B showing the dry weather tributary area in green. The area outlined in blue contributes only dry weather (sanitary) flow rates to the Bluehill PS. Interconnections and highpoints are identified on the sewer section maps. These boundaries will be transferred by GLWA into their GIS system.

The RWCS model that was prepared under the GLWA Wastewater Master Plan was checked for the tributary areas along I-94 and along 8 Mile Road. The RWCS model was prepared with information from MDOT regarding the drainage systems for these roadways. There is a part of I-94 in Harper Woods between Kingsville and Kenosha Streets that is tributary to Bluehill PS. Also, part of 8 Mile Road in Eastpointe is tributary to Bluehill PS.

Appendix A



MEMORANDUM

To: Kelly Cave, Wayne County DPS-WQMD
David Lakin, Wayne County DPS-WQMD

From: John Michalski, Applied Science, Inc.
Karen Ridgway, Applied Science, Inc.

Project: Contract for Professional Engineering Services for the Wayne County Downriver, Northeast and Rouge Valley Sewage Disposal Systems Services, under Task 2.2: Technical Analysis for New Service Agreement, Northeast Sewage Disposal Agreement

Subject: Harper Woods NESDS District Boundary Review
Background Document and Field Investigation Results

Date: August 26, 2013

Applied Science, Inc. (ASI) was requested by the Wayne County Department of Public Services, Water Quality Management Division (WCDPS-WQMD) to review past service agreements between City of Harper Woods, Wayne County, and the City of Detroit to verify the district boundary between the entities along the City of Detroit and City of Harper Woods border at Kelly and Kingsville Roads. ASI reviewed past service agreements, as-built sewer drawings, sewer section maps, and conducted a field investigation in order to verify the boundary and potential interconnections. This memorandum provides a review of the findings of the investigations.

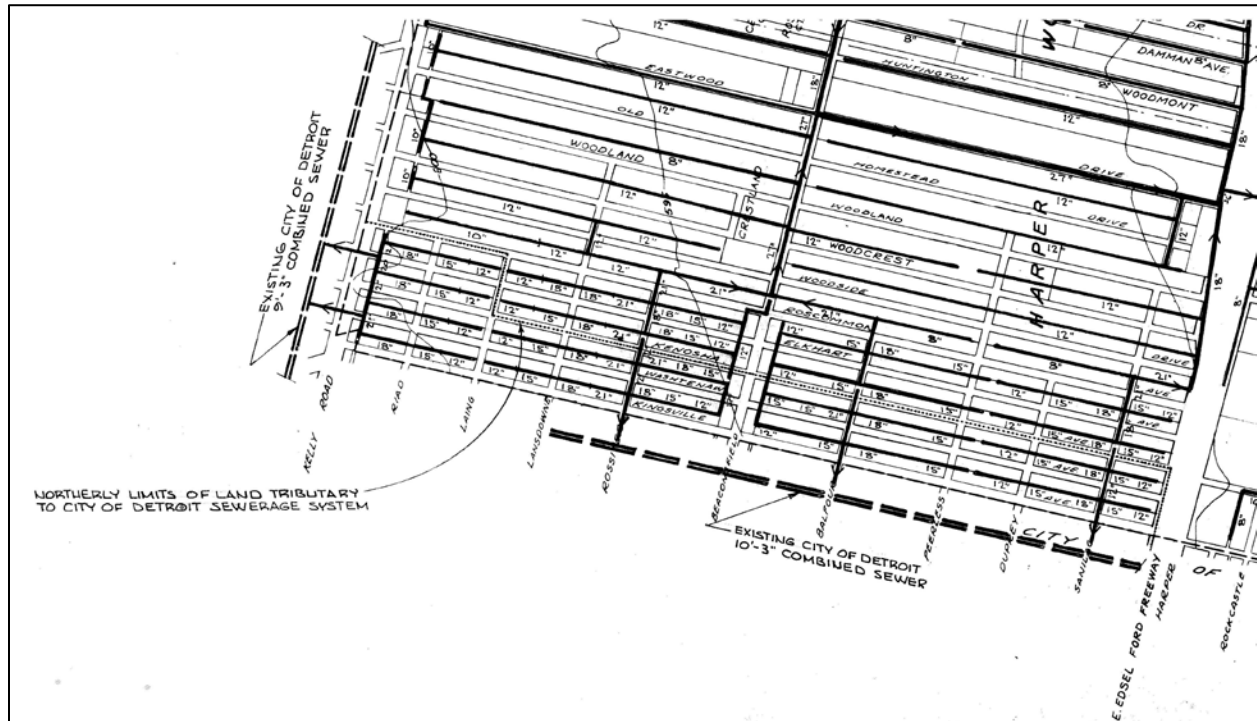
Document Research

ASI reviewed several documents in the research of past agreements and drawings. The following documents provided the most useful and had the most apparent up-to-date information.

- April 29, 1958 Agreement between the City of Detroit and the City of Harper Woods
- Harper Woods Sanitary Sewer Map "Report of Sanitary Sewer Facilities, Sanitary Sewer System, Plate I" Dated 1968
- Harper Woods Sanitary Sewer Section Maps – Plot Date March 30, 2012
- DWSD Sewer Section Maps
- Enclosure of Girard Drain Drawings Dated July 20, 1956
- 1961 and 1993 NE Service Agreement between Wayne County and Communities
- Milk River Drain District Map "Report on Sanitary Sewer Facilities, Grosse Gratiot Drain Project, Plate 3"

Figure 1 provides an excerpt of the 1968 Harper Woods Sanitary Map which provides a sewer district line within Harper Woods and indicates connections to the DWSD system.

Figure 1



Through the research of agreements, maps, and drawings it was determined that a portion of the City of Harper Woods between Kelly and Harper Roads and from Kingsville and Kenosha Avenues conveys sanitary sewage to the City of Detroit sewage system. There were a few discrepancies between the maps (i.e. Figure 1) and the agreements along with several points of potential interconnections identified in the review. It was determined that the connections to the DWSD system and the interconnection points needed to be field verified in order to confirm the district boundaries. The main outlets to DWSD and interconnections between systems are listed in Table 1 and 2.

Table 1 – System Outlet Connections to DWSD

Location	Size (in)
Kelly Rd at Elkhart	12
Kelly Rd at Washtenaw	12
Kingsville (McCormick) and Rossiter	12
Kingsville (McCormick) and Beaconsfield (2)	12 and 12
Kingsville (McCormick) and Balfour	12
Kingsville (McCormick) and Sanilac	12

In Table 1, Kingsville Avenue is listed as the connection location given it is the physical boundary between the City of Harper Woods and the City of Detroit. The actual sewer connection between the systems is actually located one block into the City of Detroit on McCormick.

Therefore the sewer servicing Harper Woods extends an additional block into the City of Detroit before connecting to the DWSD system.

Table 2 - Interconnections

District Connection	Location	Type	Size (in)
Harper Woods to Wayne County	Laing South of Roscommon	Manhole High Point (HP)	12
Harper Woods to Wayne County	Laing South of Elkhart	Manhole High Point (HP)	12
Harper Woods to Wayne County	Rossiter South of Kenosha	Bulkhead/Separation	12
Harper Woods to DWSD	Beaconsfield East and West Sides from Roscommon to Kingsville	High Relief/Separation	12 (4 locations)
Harper Woods to Wayne County	Balfour South of Elkhart	Bulkhead/Separation	12
Harper Woods to Wayne County	Sanilac South of Elkhart	Bulkhead/Separation	12

Figure 2 presents the combination of the DWSD sewer section maps, the Harper Woods sanitary sewer maps, and the Girard Drain information. The estimated storm and sanitary district boundaries are also shown for the area in question. This map was used during the field investigation and sewer connection verification. Observations and notes are also provided on the map.

Field Investigation

On August 16, 2013, ASI field verified all the connections identified in Table 1 and 2. Flow was observed at each connection and the pipe sizes and orientation were visually confirmed during the site visit. The interconnections were visually observed where access was obtained. Some of the manholes in rear yards which front Beaconsfield are on private property and permission to gain access to each structure could not be authorized by the property owner at the time of the visit.

The two manhole high point structures that divide the sanitary district boundaries along Laing at Roscommon and Elkhart were observed. Both structures are typical concrete manholes with a finished concrete bottom. There appears to be a slight high point formed in the concrete base in the middle of the manhole. Flow can very easily cross over though in either direction. In fact, the west side of the high point in the sewer between Roscommon and Elkhart on Laing Avenue looked to have a buildup of sludge downstream of the sewer which was allowing a trace amount of flow to back up over the high point and flow to the east into the Northeast Sewage Disposal System (NESDS).

The high points in sewers on Rossiter, Beaconsfield, Balfour, and Sanilac all have confirmed complete separation. The sewers lines are not connected to the manholes. It appears the

sewers have been installed per the sewer section maps but are stub lines that do not connect to the adjacent manholes. Therefore there is no positive connection for cross over flow at these structures.

Only one of the four interconnection structures along the east and west sides of Beaconsfield Road were physically checked. Access to the others could not be obtained at the time of the site visit. The interconnection structure that was visually observed contained the main Beaconsfield sewer running north to south and a high level connection to the rear yard lateral sewer. There is a 3 to 4 feet separation from the lower Beaconsfield sewer and the higher lateral sewer which is sloped away towards the next block in the system. Again, if a backup occurs in the lateral sewer system, then it is possible for sanitary flow to cross over into the DWSD system. It is our opinion that the other three connections are built in the same fashion as the one that was visually confirmed.

Lastly, the street drainage connections to the Girard Drain were checked at several locations along Beaconsfield Road. Local connections to the Girard Drain were observed at several intersections. It appears that the storm sewer system (curb and gutter flow) on the local streets within Harper Woods down to Kingsville Avenue collect and convey the stormwater to the Milk River Retention Treatment Facility.

Conclusions

Figure 2 provides the best information available from document research and a field investigation for the Harper Woods – City of Detroit border. It appears that the area in question has an overlap of the sanitary and storm sewer drainage districts. The southwest section of Harper Woods identified on Figure 2 has an area where sanitary flow is conveyed to the DWSD combined system and that same area conveys storm water flow to the Girard Drain that is part of the Milk River Intercounty Drain Drainage District (MRIDDD). Several interconnections exist within the sanitary sewer system that may convey flow into the adjacent district (NESDS). A more positive method of isolation (i.e. bulkheads) at the interconnections should be considered to truly separate the dry weather sanitary systems.

Next Steps

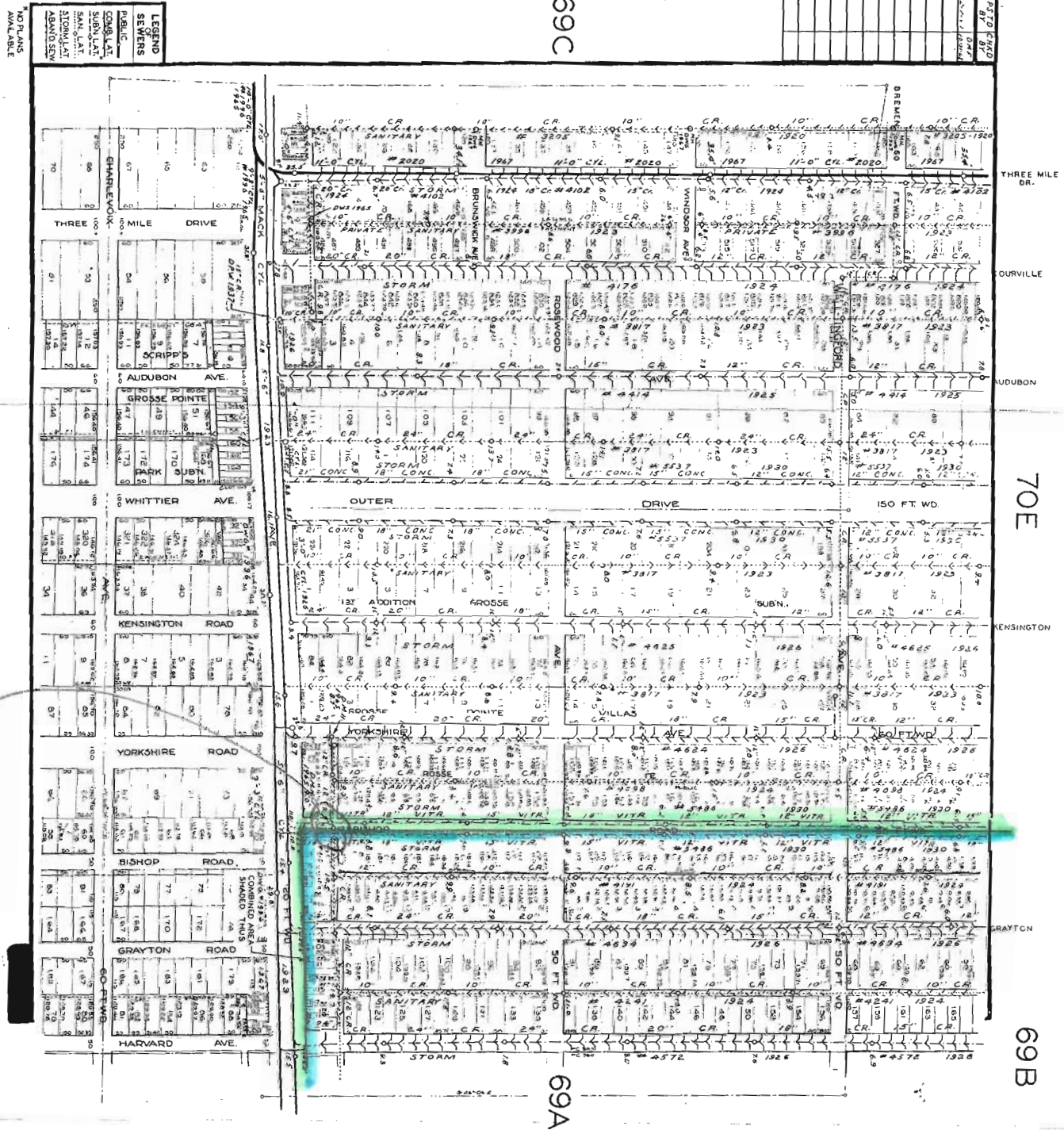
The following issues still need further investigation:

- Storm drainage boundary along Kingsville Road (Centerline, full ROW, ...) requires clarification on who has jurisdiction of the Kingsville Right-of-Way and what portion is tributary to the Girard Drain.
- Determine ownership of the sanitary sewers in Harper Woods that are tributary to DWSD and the sewer to the connection location on McCormick.
- Determine the present billing methodology for the sanitary flow from Harper Woods given storm water flow is tributary to the MRIDDD (i.e. How is Detroit billing Harper Woods for sewage disposal for the identified area?).

Appendix B

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NOTE: Combined Sewer Connections Allowed For LVA Shaded Tract

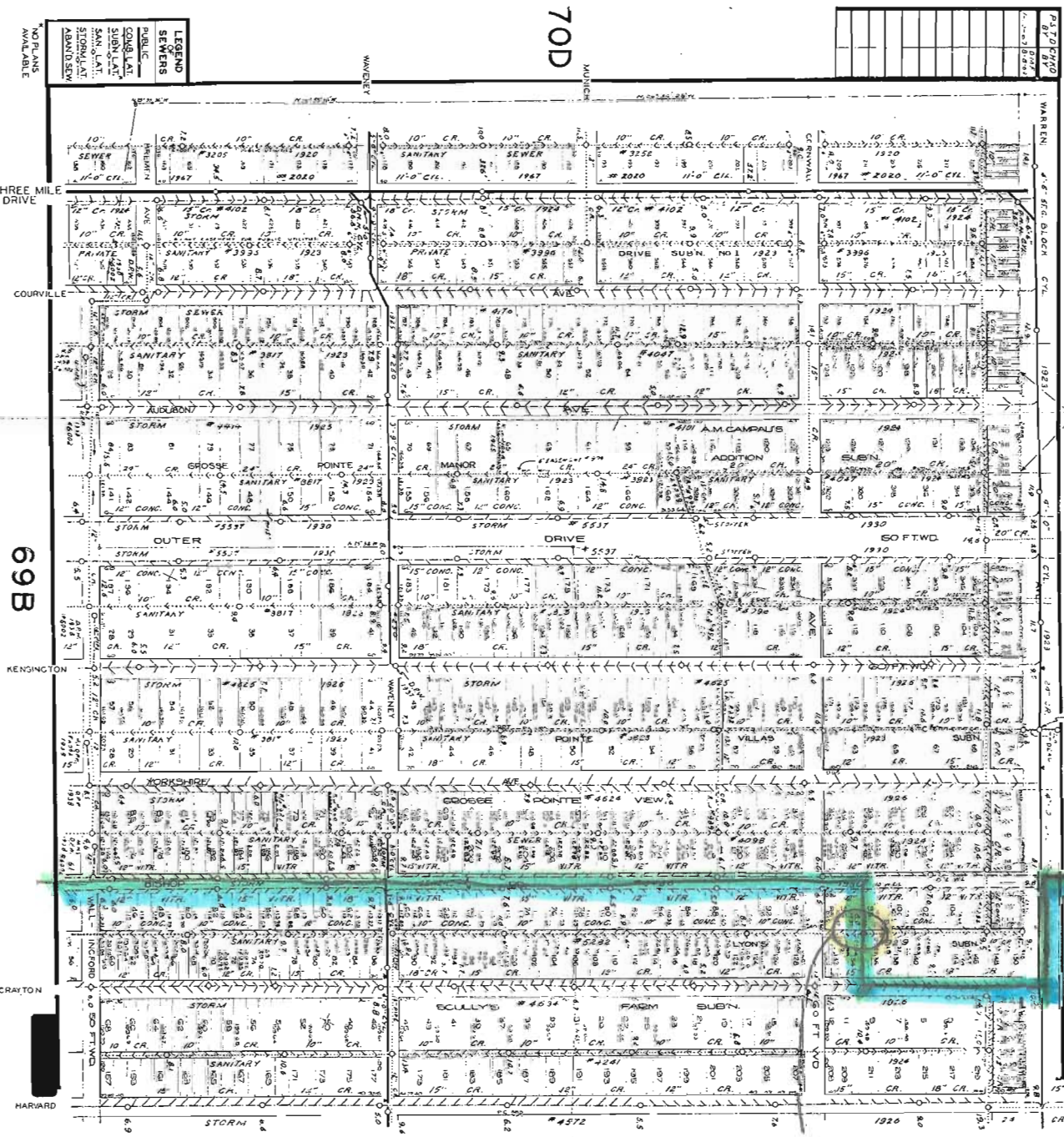
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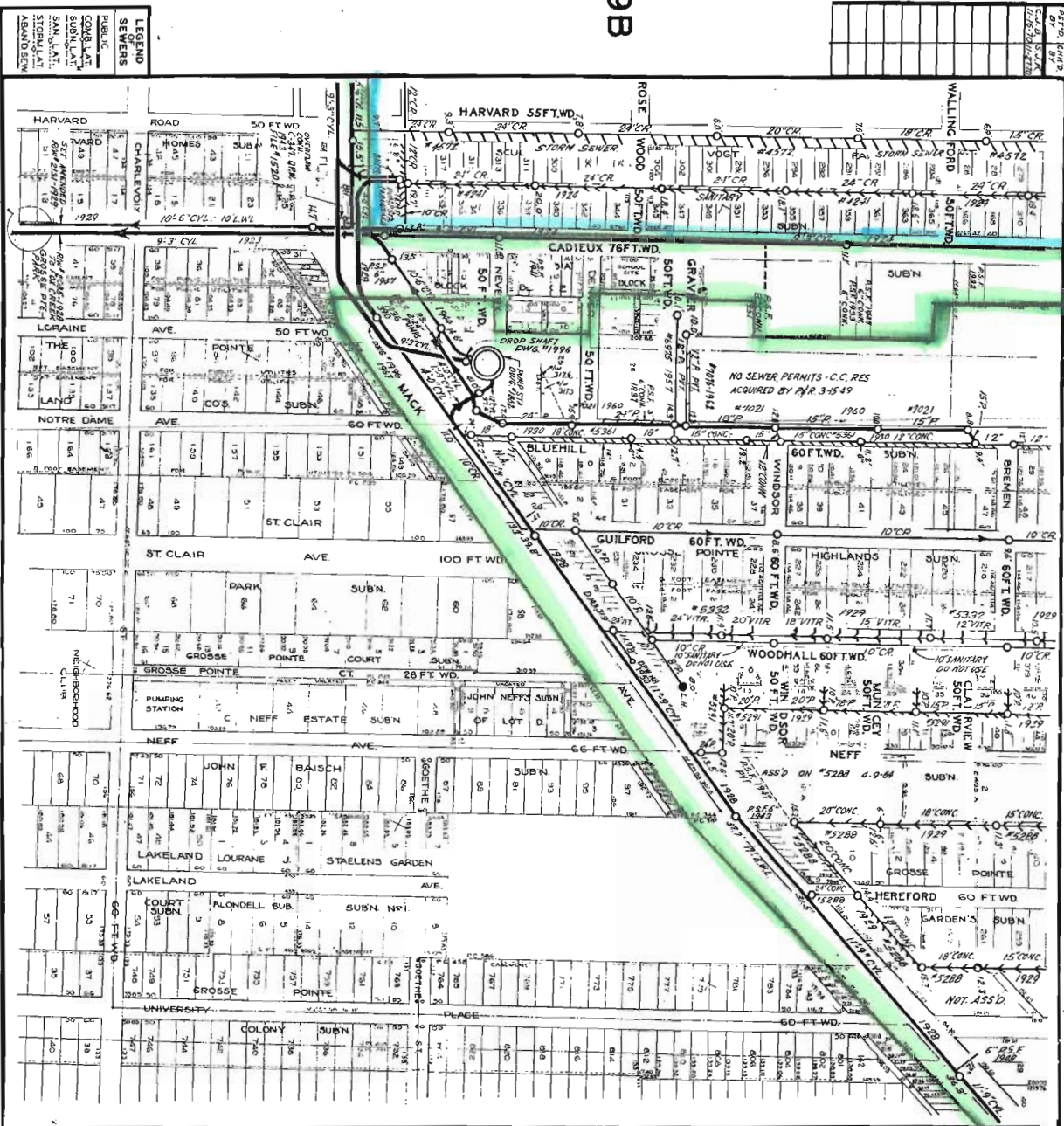
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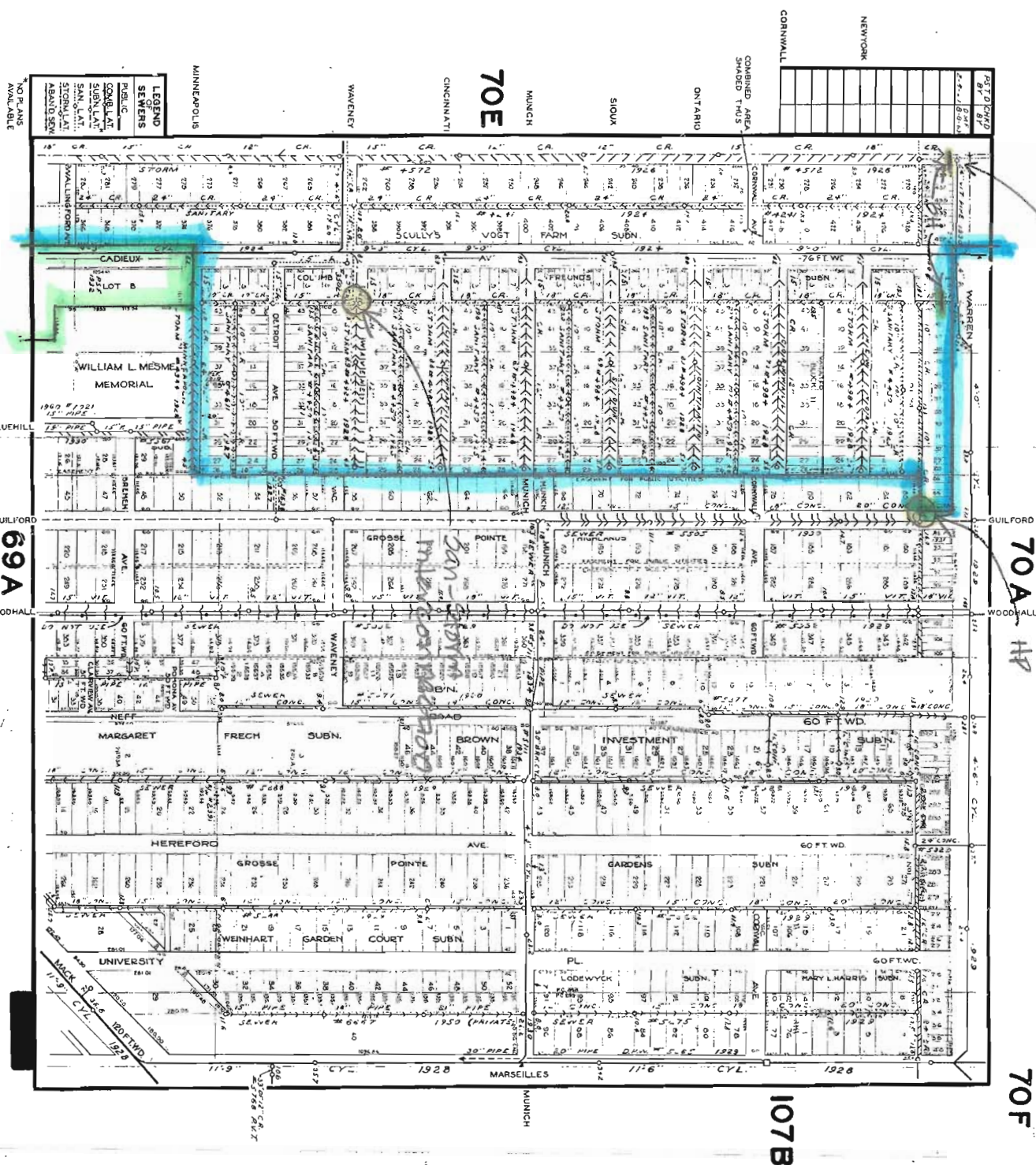
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SUB. LAT.
SAN. LAT.
STORM LAT.
ABAND. SEW.

NO PLANS
AVAILABLE

BALANCE OF SEWER NOT BOARED
yet DWG. #1194.5.6

69 D



科

70A

107B

70E

69A

**LEGEND
OF
SEWERS**

PUBLIC

COMB. LAT.

SUBN. LAT.

SAN. LAT.

STORM LAT.

ABAND. SEW.

*NO PLANS
AVAILABLE

Not
connected--San.
cleared
through
manhole
70B

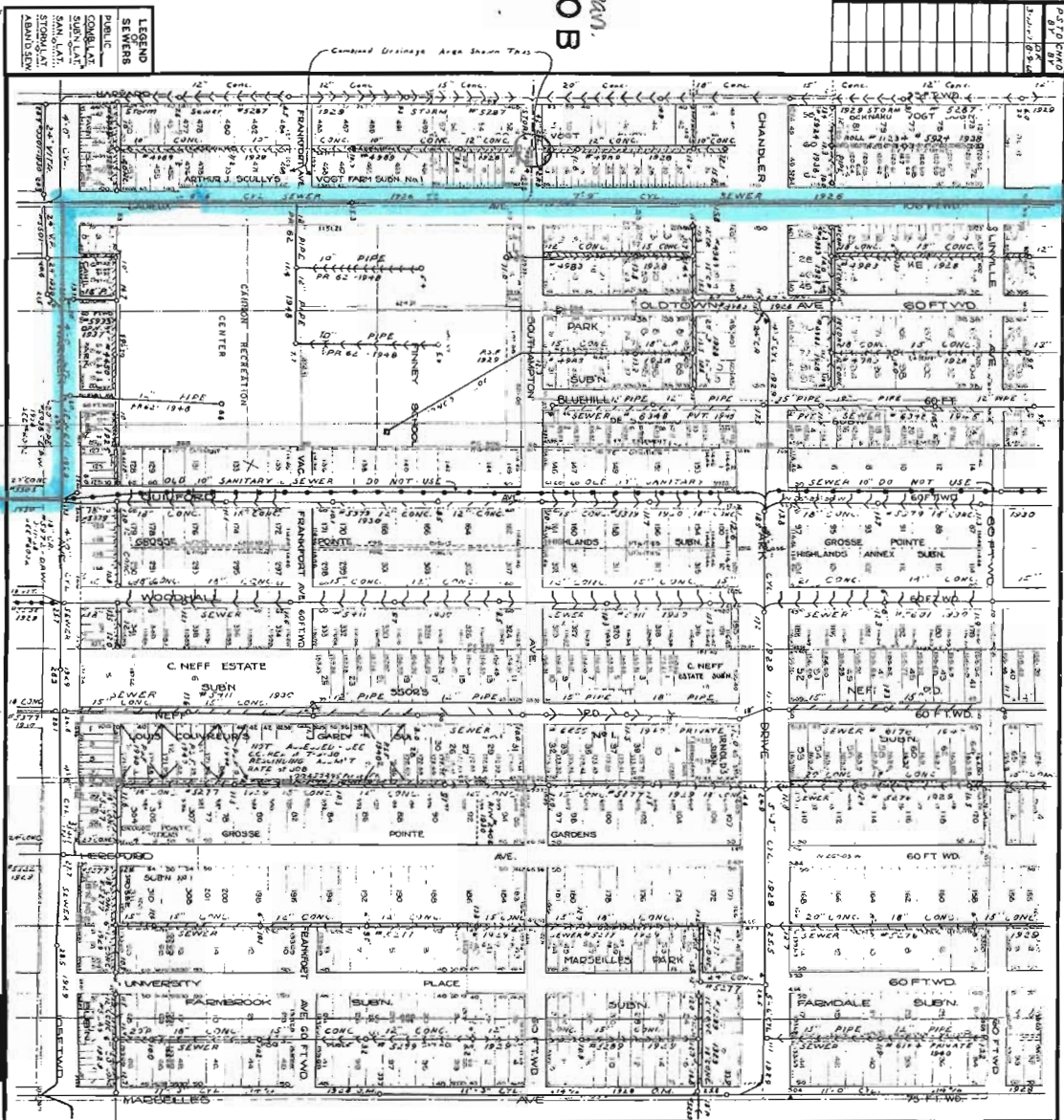
106E

70A

106E

107B

70F



DATE
4-25-63

70B

106B

106E

106F

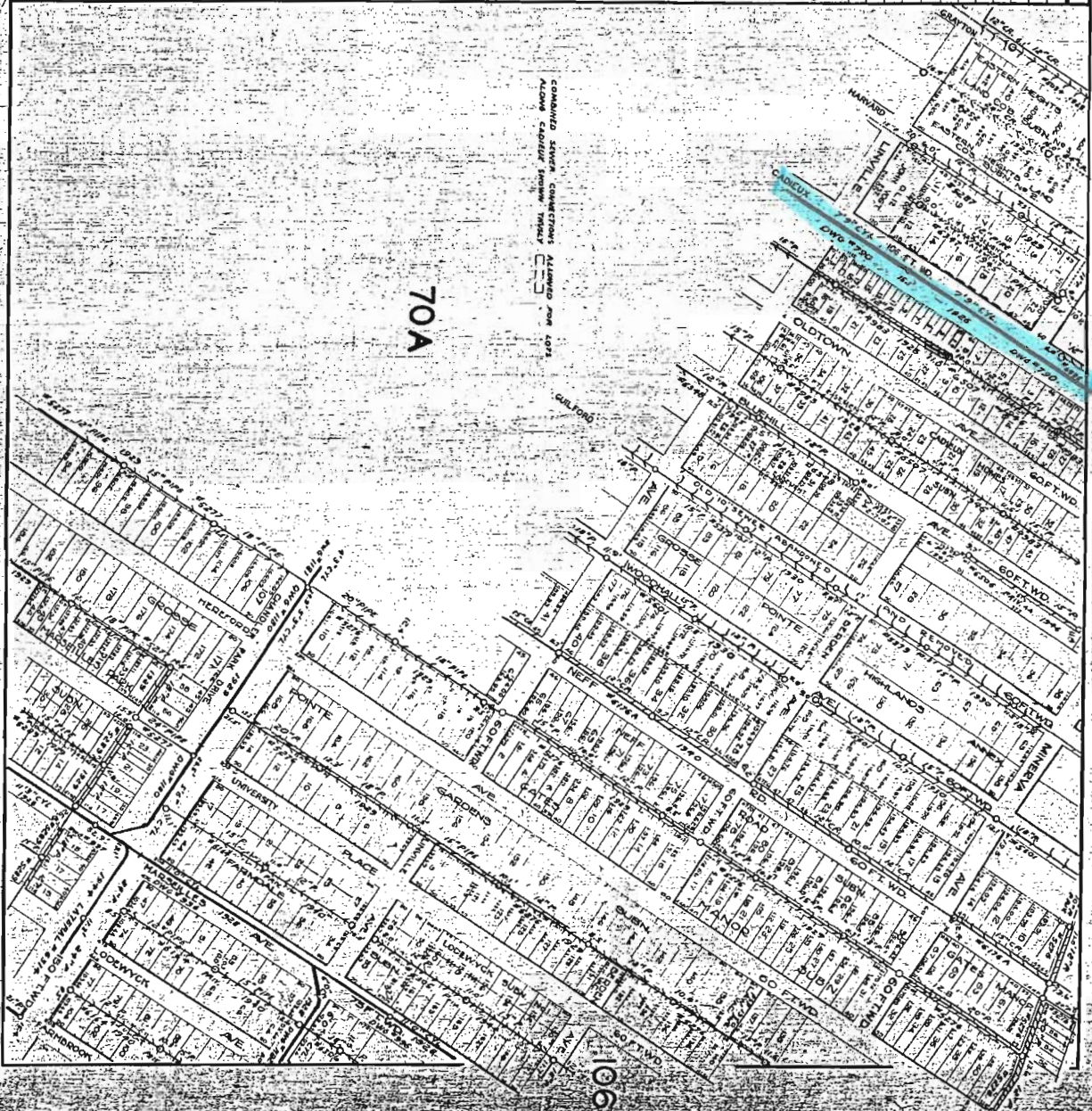
70A

107B

LEGEND
PUBLIC
SEWERS
COMB. LAT.
SUB. LAT.
STORM LAT.

CONCRETE STREET CONNECTIONS ALLOWED FOR LOTS
ALONG CASHIER STREET TRAIL

NO PLANS
AVAILABLE



DATE 4-25-63

LEGEND
OF
SEWERS
PUBLIC
COMB. LAT.
SUB. LAT.
STORM LAT.
ABANDONED

NO PLANS
IN LABEL

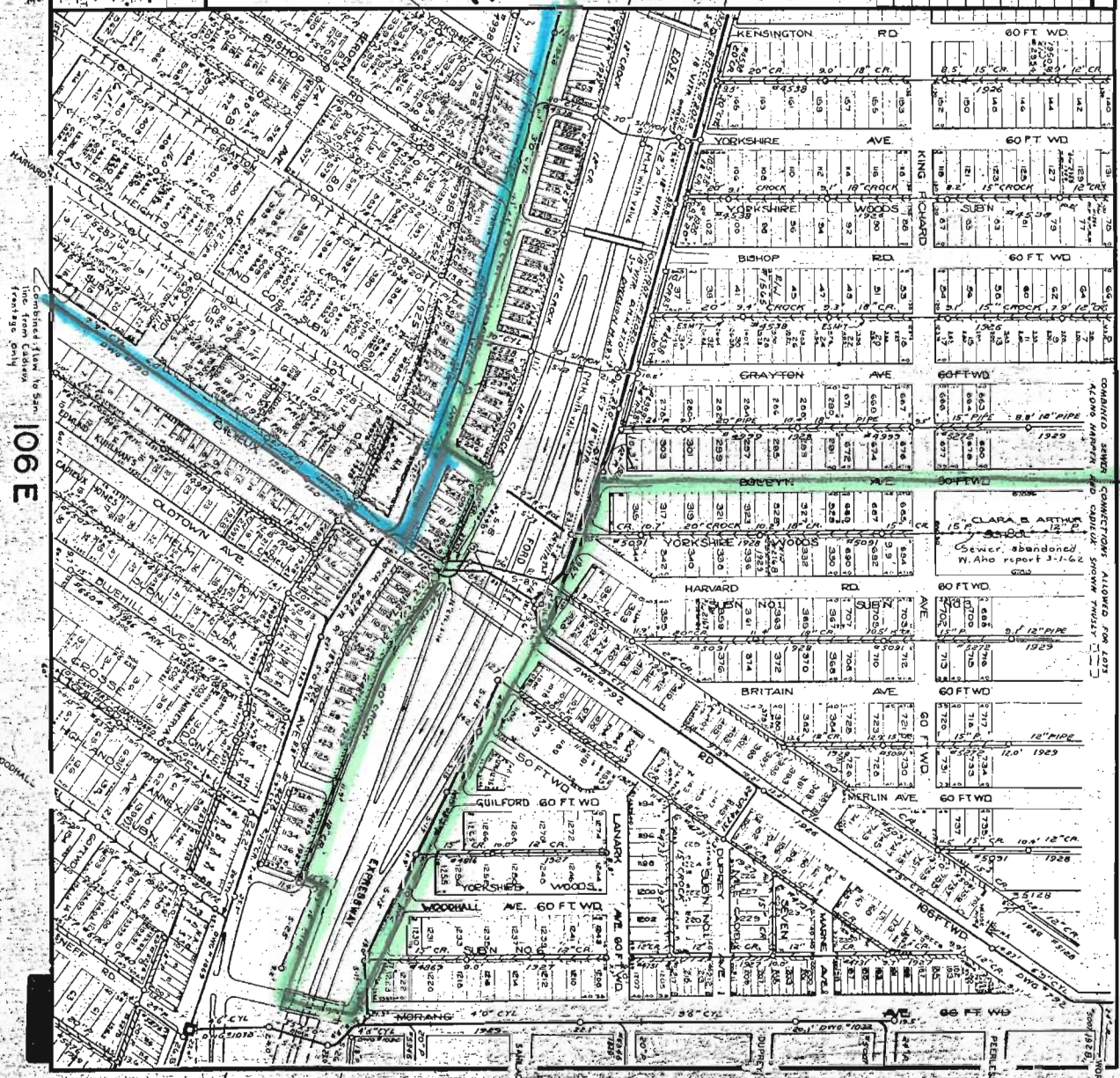
106C

100' X-WAY SEWERS
SEE DWG. 106C

97E

106B

106A



Combined plan to San
line from Cadwyn
franchise only

106E

CLARA B. ARTHUR
Sewer abandoned
N. Aho report 3-1-62

106A
106B
106C
106E
106F
106G
106H
106I
106J
106K
106L
106M
106N
106O
106P
106Q
106R
106S
106T
106U
106V
106W
106X
106Y
106Z

**LEGEND
OF
SEWERS**

PUBLIC:
CONFLAT.
SUBINLAT.
SAN. LAT.
STORM/LAT.
ABAND. SEW.

N
NO PLANS
AVAILABLE

~~97D~~

97B

97E

97F

106B

12

NO PLANS
AVAILABLE

LEGEND
OF
SEWERS
PUBLIC
CONV. LAT.
SUBV. LAT.
SAN. LAT.
STORM

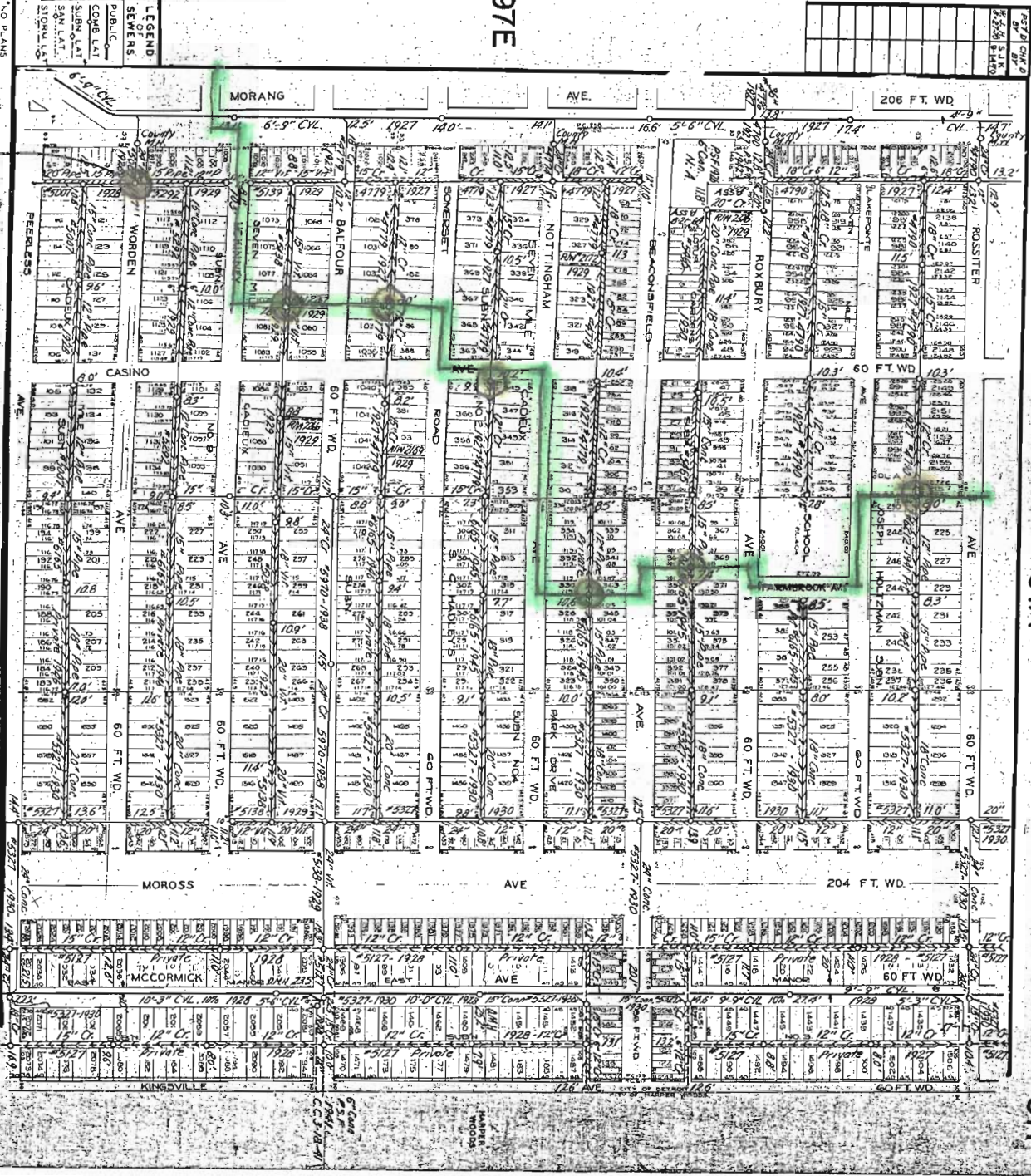
97E

97A

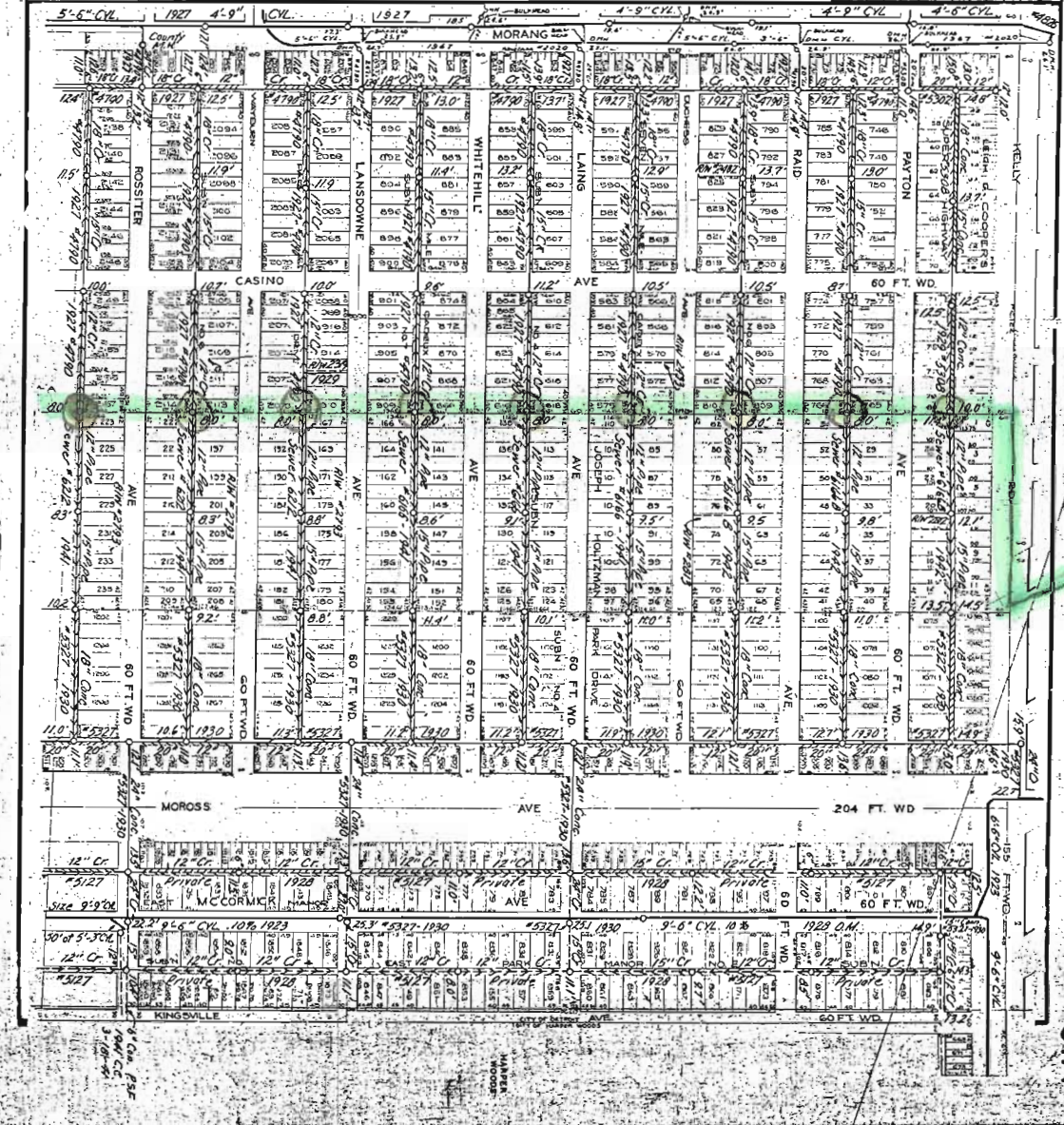
97F

combined interconnect
section pipe to Morang

106A



LEGEND
 PUBLIC
 COM. LAT
 SUB. LAT
 SUB. LAT
 2000-1-5



97B

96C

96B

97A

97F

Combined HPS

Handwritten note: 5000-1-5

96B



97A

[illegible]

LEGEND
OF
SEWERS

PUBLIC

CONFLAT.

SUBINLAT.

SAN. LAT.

STORM LAT.

ABAND. SEW.

NO PLANS
AVAILABLE

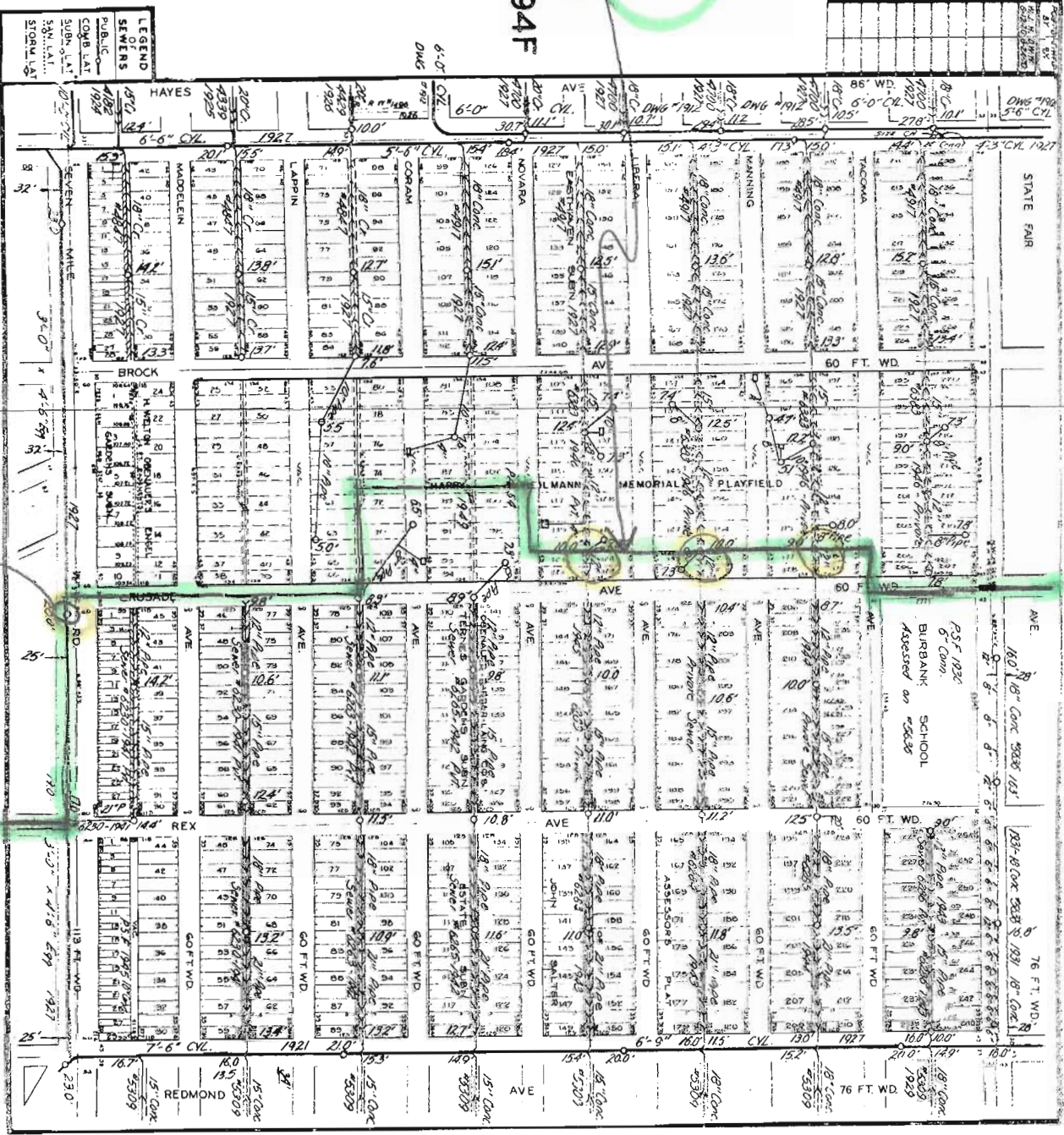
96D



Adjust
boundary
through
playfield

94F

NO PLANS
AVAILABLE



95C

95D

96C

14P

[illegible]

LEGEND
OF
SEWERS

PUBLIC

COMBLAT.
SUBN LAT.

SAN LAT
STORM LAT
ADN'D SEW

* NO PLANS
AVAILABLE

550

95 A

