Prepared by the
Utility Agreements and Permits Unit
(Receivable)
($3,300.00)

S.P. 6229-37 & S.P. 6230-30 (T.H. 5)
Location: from 0.3 mile east of Mendota Street in the City of Saint Paul to the north junction of MN 120 in the City of Maplewood
Utility Owner: Board of Water Commissioners of the City of Saint Paul
MnDOT Agreement Number 1052612

AGENCY RELOCATION AGREEMENT

This Agreement Number 1052612 (Agreement) is between the State of Minnesota (State), acting through its Commissioner of Transportation and Board of Water Commissioners of the City of Saint Paul, including its agents, contractors, and subcontractors (Utility Owner). This Agreement outlines the separate responsibilities of the State and the Utility Owner as part of a construction project.

RECITALS

The State plans to let a contract to construct State Project Number 6229-37 and State Project Number 6230-30 (Project) on Trunk Highway Number 5. The Project is located from 0.3 mile east of Mendota Street in the City of Saint Paul to the north junction of MN 120 in the City of Maplewood.

The Utility Owner owns and operates watermains, its fixtures, and related equipment (Facilities) that are located on property where the State will construct the Project; said Facilities being in place prior to the construction of Trunk Highway Number 5

On April 24, 1987, the District Court made an interpretation of Chapter 110, Special Laws of Minnesota for 1885, that the City of Saint Paul has the obligation to reimburse the Utility Owner for all adjustment costs whenever the City of Saint Paul makes improvements to city streets. When the State took Minnehaha Avenue from the City, the State assumed the obligation to reimburse the Utility Owner for such adjustments of waterworks facilities as a result of street improvements. The Facilities located within the limits of the S.P. 6229-37 portion of the Project meet this requirement and are eligible for reimbursement. The Facilities that are in the limits of S.P. 6230-30 portion of the Project are not part of the obligation to reimburse as they are within the City of Maplewood.

The Project will require the adjustment of the Utility Owner's Facilities. The parties agree that, if the Utility Owner adjusted the Facilities or let a separate contract to adjust them that work would interfere with the Project. The Utility Owner has requested that the State perform all of the adjustment work as part of the Project, rather than being reimbursed or using their own forces for the work. Including the Utility Owner's adjustment work in the State's Construction contract may eliminate duplication of services, facilitate activity coordination, simplify supervision, and expedite Project construction, and the State agrees to do so.

Pursuant to Minnesota Statutes, section 161.46, subdivision 5, the Utility Owner appoints the State as its agent to design and construct the adjustment work as part of the Project and the State may adjust the Facilities as part of the Project on the trunk highway system.

State law requires a written agreement between the State and the Utility Owner that describes their separate responsibilities.

AGREEMENT

I. Term/Termination

A. *Effective Date:* This Agreement is effective on the date the State obtains all signatures required by Minnesota Statutes, section 16C.05, subdivision 2.

B. *Commencement of Work:* Upon notice of Agreement approval, the Utility Owner must promptly provide the State (and the State's Contractor (Contractor)) with any information necessary to commence and successfully prosecute the utility work according to the terms of the Notice and Order and a work schedule the State's Project Engineer (Project Engineer) approves.

C. *Expiration Date:* This Agreement will expire on the date that all obligations, excluding the Utility Owner's ongoing maintenance obligations, have been satisfactorily fulfilled.

D. *Termination by the State:* The State may terminate this Agreement at any time, with or without cause, on 30 calendar days' written notice to the Utility Owner. Upon termination, the State will be entitled to payment, on a pro rata basis, for satisfactorily performed services. The termination of this Agreement does not relieve the Utility Owner of its obligations under the Notice and Order.

E. *Survival of Terms:* The following articles survive this Agreement's expiration or termination: (III) Utility Owner's Ongoing Maintenance Requirements; (V) Liability; and (VII) Governing Terms.

II. Description of Work Procedures

A. *Plans:* The plans, which are attached to this Agreement as Exhibit A, indicate the present and proposed locations of the Facilities.

1. If any changes to the plans or character of the work become necessary, the State and the Utility Owner must agree to the changes before the State makes (or directs the Contractor to make) them. If these changes require an amendment or supplement to this Agreement, the parties will negotiate such

amendment or supplement in good faith, and the State is not obligated to commence such changes until such amendment or supplement is fully executed. The State will enter into such supplemental agreements with its Contractor as the State deems necessary to implement such changes.

2. The Utility Owner authorizes the Project Engineer to make any minor field changes and adjustments to the plans, specifications, and special provisions as the State deems necessary for efficient Project construction. The Utility Owner authorizes the State, on its behalf, to enter into supplemental agreements with the Contractor as necessary to implement these changes.

B. *State's Responsibilities*

1. The State will:

   a. Advertise the Project for bids; and
   b. Award a construction contract for the Project. This Project will include the adjustment work.

2. The Project Engineer will supervise and direct the Project, including the adjustment work, but the Utility Owner may inspect the work periodically. If the Utility Owner finds that any completed relocation work is defective, it must inform the Project Engineer of these defects in writing; however, any recommendations the Utility Owner makes are not binding to the State. The State has the exclusive right to determine whether the Contractor has performed the work according to the plans, specifications, and special provisions.

3. The Project Engineer and the Utility Owner will perform a final inspection of the work. Once the State has accepted the adjustment work, the Project Engineer will inform the Utility Owner in writing, and the Utility Owner will assume ownership of the Facilities.

C. *Deletion of Work:* If the Utility Owner decides to delete the adjustment work from the Project, the Utility Owner will:

1. Pay the State the design engineering cost in Article IV.B.3;

2. Be subject to the Notice and Order and adjust the Facilities; and

3. Defend (at its own expense and to the extent Minnesota's Attorney General permits) indemnify, save, and hold the State and all of its agents and

employees harmless of and from all claims, demands, actions, or causes of action that deleting the relocation work causes. This obligation to indemnify extends to any attorney's fees.

D. *Risk:* Risk of loss of partial or complete relocation work will be on the Contractor or the Utility Owner as the current *Standard Specifications for Construction* set forth.

III. Utility Owner's Ongoing Maintenance Requirements

A. Once construction is complete, the Utility Owner must maintain the Facilities at its own expense.

B. The Utility Owner may open and disturb the trunk highway right of way without a permit in the case of an emergency that is dangerous to the public and requires immediate attention. Upon learning of the emergency, the Utility Owner must immediately notify the State Patrol. The Utility Owner must take all necessary and reasonable safety measures to protect the public and must cooperate fully with the State Patrol. In this event, the Utility Owner must request a permit from the proper authority no later than the working day after it begins working in the right of way.

IV. Payment

A. The State will determine the cost of the adjustment on a contract-unit-price basis. The Utility Owner authorizes the State to pay the Contractor directly for the adjustment work. As Exhibit B shows, the estimated cost of the Utility Owner's relocation work is $3,300.00.

B. The Utility Owner agrees to pay the State the total cost it incurs to adjust the Facilities. The total cost will include:

1. The construction cost, which consists of all of the Contractor's bid item costs to satisfactorily adjust the Facilities according to the plans, specifications, and special provisions;

2. The construction engineering cost, which is equal to 8 percent of the construction cost; and

3. The design engineering cost, which is equal to 3 percent of the construction cost.

C. After acceptance of the bids, the State will notify the Utility Owner of the total cost by providing a written cost schedule.

1. The Utility Owner must accept or reject the total cost no more than 10 calendar days after receiving the cost schedule. If the Utility Owner does not provide this notification after 10 days, the State will consider the lack of response to be the Utility Owner's acceptance of the total cost and the State will proceed with the work.

2. If the Utility Owner chooses to delete its work from the State's contract, it must still pay the State the design engineering cost specified in Article IV.A. The Utility Owner will be obligated to adjust its Facilities according to the terms of the Notice and Order.

D. The State will issue the Utility Owner an invoice for the amount specified in the cost schedule. Pursuant to Minnesota Statutes, section 161.46, subdivision 5, the Utility Owner will promptly reimburse the State for the relocation costs.

E. After the Contractor has completed the work required under its contract and the State has accepted the work, the State will prepare a final computation of the amount due from the Utility Owner.

1. If the final total amount is greater than the amount the State has already received from the Utility Owner, the Utility Owner must promptly pay the difference, without interest, to the State.

2. If the final total amount is less than the amount the State has already received from the Utility Owner, the State must pay the difference without interest, to the Utility Owner.

F. The final total cost constitutes payment in full for all adjustment work according to this Agreement. This amount also constitutes payment in full for any and all damages, claims, or causes of action of any kind or nature that the Utility Owner may have relating to the adjustment of the Facilities.

V. Liability

A. Each party is responsible for its own acts, omissions and the results thereof to the extent authorized by law and will not be responsible for the acts and omissions of others and the results thereof. Minnesota Statutes § 3.736 and other applicable law govern liability of the State of Minnesota. Each party is responsible for its own acts, omissions and the results thereof to the extent authorized by law and will not be responsible for the acts and omissions of others and the results thereof. Minnesota Statutes § 3.736 and other applicable law govern liability of the State. Minnesota

Statutes Chapter 466 and other applicable law govern liability of the Utility Owner. This clause will not be construed to bar any legal remedies a party may have to fulfill its obligations under this contract.

VI. Nondiscrimination

Minnesota Statutes, section 181.59 and any applicable local ordinances pertaining to civil rights and nondiscrimination are considered part of this Agreement.

VII. Governing Terms

A. *Data Practices:* All parties must comply with the Minnesota Government Data Practices Act (Minnesota Statutes, chapter 13) as it applies to any data that a party to this Agreement receives, collects, stores, or disseminates under it. The Act provides civil liability for failure to comply with its requirements.

B. *Applicable Law:* Minnesota law governs the validity, interpretation, and enforcement of this Agreement. Venue for all legal proceedings arising out of this Agreement or its breach must be in Ramsey County, Minnesota.

C. *Waiver:* If a party fails to enforce any provision of this Agreement, that failure does not waive the provision or the party's right to subsequently enforce the provision or any subsequent breach of that provision.

D. *Merger:* This Agreement contains all negotiations and agreements between the State and the Utility Owner with respect to the subject matter it contains. No prior understanding regarding this Agreement, whether written or oral, may be used to bind either party.

E. *Assignment:* The Utility Owner may neither assign nor transfer any rights or obligations under this Agreement without the State's consent and a fully executed assignment agreement. To be valid, the assignment agreement must be signed and approved by the same parties who signed and approved this Agreement, or their successors in office.

F. *Amendments:* Any amendment to this Agreement must be in writing. An amendment will not be effective until the same parties who signed and approved this Agreement, or their successors in office, sign and approve the amendment.

G. *Incorporation of Exhibits:* All exhibits attached to this Agreement are incorporated into this Agreement.

The remainder of this page was left blank intentionally.

IN TESTIMONY WHEREOF, the parties have duly executed this Agreement by their duly authorized officers and caused their respective seals to be hereunto affixed.

BOARD OF WATER COMMISSIONERS OF THE CITY OF SAINT PAUL

Approved:

By: _____
Patrick Shea
General Manager
Saint Paul Regional Water Services

Date: _____

By: _____
Mara Humphrey
President

Date: _____

By: _____
Mollie Gagnelius
Secretary

Approved as to form:

By: _____
Assistant City Attorney

Date: _____

Date: _____

By: _____
John McCarthy
Director
Office of Financial Services

Date: _____

STATE OF MINNESOTA
DEPARTMENT OF TRANSPORTATION

Department of Transportation

Recommended for Approval:

By: _____
Metro Utility Coordinator

Date: _____

Approved:

By: _____
Director, Office of Land Management

Date: _____

Office of Contract Management

Approved as to Form and Execution:

By: _____

Date: _____

Department of Administration

By: _____

Date: _____

STATEMENT OF ESTIMATED QUANTITIES

TAB	SHEET NUMBER	ITEM NUMBER	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	S.P. 6229-37 (A)	S.P. 6230-30 (A)	S.P. 6211-110 (A)	S.P. 6212-197 (A)	S.P. 6229-37 S.P. 164-010-075 (B)	S.P. 6229-37 S.P. 164-010-082 (C)	CITY OF ST PAUL (D)
H	224	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	1866	1866						
H	224	2503.503	15" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	2577	2577						
H	224	2503.503	18" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	46	46						
H	224	2503.503	24" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	95	95						
H	224	2503.503	27" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	189	189						
H	224	2503.503	36" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	18	18						
E	24	2503.603	PLUG FILL AND ABANDON PIPE SEWER	LIN FT	520	520						
J	25	2503.603	LINING SEWER PIPE 18"	LIN FT	301		301					
J	25	2503.603	LINING SEWER PIPE 24"	LIN FT	70	70						
J	25	2503.603	LINING SEWER PIPE 30"	LIN FT	437		437					
N	29	2504.602	ADJUST VALVE BOX-WATER	EACH	43	37	6					
E,I,K	24,224,30	2506.502	CASTING ASSEMBLY	EACH	248	242	6					122
H	228	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN F	LIN FT	6	6						
E,H,J	24,224,25	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LIN FT	34	23	11					
H	224	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN SD-48	LIN FT	465	465						
H	224	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN SD-60	LIN FT	22	22						
H	224	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN SD-72	LIN FT	20	20						
H	224	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	LIN FT	72	72						
H	224	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 60-4020	LIN FT	28	21	7					
J	25	2506.503	RECONSTRUCT DRAINAGE STRUCTURE	LIN FT	2.4	2.4						
E	24	2506.603	REPAIR DRAINAGE STRUCTURE	LIN FT	72	67	5					
G,LT	A2-A6,LT2	2521.518	4" CONCRETE WALK	SQ FT	100240	98155	2085				122	
G	A2-A6	2521.618	CONCRETE CURB RAMP WALK	SQ FT	15308	12222	3086					
G	A2-A6	2531.503	CONCRETE CURB AND GUTTER DESIGN B424	LIN FT	1803	1728	75					
G	A2-A6	2531.503	CONCRETE CURB AND GUTTER DESIGN B624	LIN FT	22676	19719	1957					
G	A2-A6	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	3037	2203	834					
G	A2-A6	2531.504	8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	1165	685	480					
G	A2-A6	2531.603	CONCRETE CURB DESIGN V	LIN FT	440	440						
G	A2-A6	2531.618	TRUNCATED DOMES	SQ FT	2583	2165	418					
G	A2-A6	2540.602	INSTALL BUS STOP BENCH	EACH	1		1					
G	A2-A6	2540.602	INSTALL BUS STOP SHELTER	EACH	1	1						
LT	LT2	2545.502	LUMINAIRE	EACH	74						74	
LT	LT2	2545.502	LIGHT FOUNDATION DESIGN SPECIAL	EACH	74						74	
LT	LT2	2545.502	SERVICE CABINET	EACH	1						1	
LT	LT2	2545.502	HANDHOLE	EACH	14						14	

(A) 80% FEDERAL STBG / 20% STATE FUNDS

(B) 90% FEDERAL HSIP / 5% STATE / 5% CITY OF ST. PAUL FUNDS
SEE AGREEMENT #____

(C) 80% FEDERAL STBG / 20% STATE FUNDS (CAPPED). REMAINDER 100% CITY OF ST. PAUL FUNDS.
SEE AGREEMENT #____

(D) 100% CITY OF ST. PAUL FUNDS. SEE AGREEMENT #_____

(E) 100% RAMSEY COUNTY FUNDS (CAPPED) (S.A.P. 062-665-063). REMAINDER 80% FEDERAL STBG / 20% STATE FUNDS (S.P. 6229-37).
SEE AGREEMENT #____

(F) 90% FEDERAL HSIP (SP 164-010-075) / 5% STATE / 5% RAMSEY COUNTY FUNDS (S.A.P. 062-664-009).
SEE AGREEMENT #____

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

STATEMENT OF ESTIMATED QUANTITIES

DRAWN BY: PT | CHECKED BY: TP | CERTIFIED BY _____ LICENSED PROFESSIONAL ENGINEER LIC. NO. 25421 DATE 1/19/2023

STATE PROJ. NO. 6229-37 (T.H. 5) SHEET NO. 11 OF 263 SHEETS

PLOTTED/REVISED: 25-JAN-2023
DISTRICT *: Metro
IPLOT NAME: d622937_SEQ
FILENAME: Projects\DM_ROS\005\6229\037\DesignPlanSheets\03 SEQ\d622937_SEQ.dgn

WATER (A)

STATION TO STATION	OFFSET (FT)	INPLACE ITEM	OWNER	REMARKS: LEAVE AS IS	REMARKS: ADJUST VALVE BOX-WATER (1) EACH	NOTES
SP 6229-37						
MINNEHAHA						
25+53	32'LT	VALVE	SPRWS		1	
25+65	19'LT	VALVE	SPRWS		1	
25+65	23'LT	HYD	SPRWS	X		
31+23	23'LT	VALVE	SPRWS	X		
32+15	10'LT	VALVE	SPRWS		1	
32+19	10'LT	VALVE	SPRWS		1	
32+17	23'LT	HYD	SPRWS	X		
38+23	34'LT	HYD	SPRWS	X		PROTECT
38+33	52'LT	VALVE	SPRWS	X		
38+76	14'LT	VALVE	SPRWS		1	
44+73	13'LT	VALVE	SPRWS	X		
44+77	13'LT	VALVE	SPRWS		1	
44+75	23'LT	HYD	SPRWS	X		
51+33	19'LT	VALVE	SPRWS		1	
51+34	22'LT	HYD	SPRWS	X		
51+35	12'LT	VALVE	SPRWS		1	
52+11	16'LT	VALVE	SPRWS		1	
57+69	23'RT	VALVE	SPRWS	X		
57+83	22'LT	HYD	SPRWS	X		
57+81	12'LT	VALVE	SPRWS	X		
57+85	12'LT	VALVE	SPRWS		1	
58+55	17'RT	VALVE	SPRWS		1	
58+56	17'LT	VALVE	SPRWS		1	
64+99	36'LT	VALVE	SPRWS		1	
65+10	18'LT	VALVE	SPRWS		1	
65+16	14'LT	VALVE	SPRWS		1	
65+16	23'LT	HYD	SPRWS	X		PROTECT
69+77	23'LT	HYD	SPRWS	X		PROTECT
75+01	23'LT	HYD	SPRWS	X		PROTECT
75+02	21'LT	VALVE	SPRWS		1	
80+32	22'LT	HYD	SPRWS	X		PROTECT
80+81	34'RT	VALVE	SPRWS		1	
81+02	17'RT	VALVE	SPRWS		1	
85+58	23'LT	HYD	SPRWS	X		PROTECT
90+62	25'RT	VALVE	SPRWS		1	
90+84	21'LT	VALVE	SPRWS		1	
90+84	24'LT	HYD	SPRWS	X		
90+88	12'LT	VALVE	SPRWS		1	
91+49	13'LT	VALVE	SPRWS		1	
91+59	18'LT	VALVE	SPRWS		1	
97+43	23'LT	HYD	SPRWS	X		PROTECT
98+18	17'RT	VALVE	SPRWS		1	
104+05	21'LT	HYD	SPRWS	X		PROTECT
104+30	33'RT	HYD	SPRWS	X		
104+69	14'LT	HYD	SPRWS	X		
105+29	26'LT	VALVE	SPRWS		1	
108+87	22'LT	VALVE	SPRWS		1	
109+33	20'RT	VALVE	SPRWS	X		
110+63	21'LT	VALVE	SPRWS	X		
110+63	22'LT	HYD	SPRWS	X		PROTECT

WATER (A)

STATION TO STATION	OFFSET (FT)	INPLACE ITEM	OWNER	REMARKS: LEAVE AS IS	REMARKS: ADJUST VALVE BOX-WATER (1) EACH	NOTES
SP 6229-37						
MINNEHAHA						
110+89	14'LT	VALVE	SPRWS	X		
110+89	33'LT	VALVE	SPRWS	X		
114+26	21'LT	VALVE	SPRWS		1	
117+00	14'LT	VALVE	SPRWS	X		
117+04	14'LT	VALVE	SPRWS	X		
117+02	22'LT	HYD	SPRWS	X		
117+19	23'LT	VALVE	SPRWS		1	
117+26	14'LT	VALVE	SPRWS	X		
117+47	30'LT	VALVE	SPRWS	X		
117+47	31'RT	VALVE	SPRWS	X		
117+88	14'LT	VALVE	SPRWS		1	
118+26	9'LT	VALVE	SPRWS		1	
118+33	21'LT	VALVE	SPRWS	X		
123+71	20'LT	VALVE	SPRWS	X		
123+71	22'LT	HYD	SPRWS	X		
130+18	12'LT	VALVE	SPRWS		1	
130+35	21'LT	VALVE	SPRWS	X		
130+35	23'LT	HYD	SPRWS	X		
130+57	30'LT	VALVE	SPRWS		1	
131+18	11'LT	VALVE	SPRWS		1	
133+14	30'LT	VALVE	SPRWS	X		
133+47	13'LT	VALVE	SPRWS		1	
133+52	22'LT	HYD	SPRWS	X		
136+84	21'LT	HYD	SPRWS	X		
142+83	23'LT	VALVE	SPRWS	X		
143+05	11'LT	VALVE	SPRWS	X		
143+06	23'LT	HYD	SPRWS	X		
143+52	11'LT	VALVE	SPRWS	X		
143+72	30'LT	VALVE	SPRWS	X		
144+10	11'LT	VALVE	SPRWS		1	
144+26	24'LT	VALVE	SPRWS	X		
150+01	21'LT	HYD	SPRWS	X		
150+04	11'LT	VALVE	SPRWS		1	
156+36	23'LT	VALVE	SPRWS		1	
156+63	24'LT	HYD	SPRWS	X		
156+64	22'LT	VALVE	SPRWS	X		
163+17	11'LT	VALVE	SPRWS	X		
163+21	11'LT	VALVE	SPRWS	X		
163+19	22'LT	HYD	SPRWS	X		
169+65	24'LT	HYD	SPRWS	X		
169+91	36'LT	VALVE	SPRWS	X		
SP 6229-37 TOTAL					37	

WATER (G)

STATION TO STATION	OFFSET (FT)	INPLACE ITEM	OWNER	REMARKS: LEAVE AS IS	REMARKS: ADJUST VALVE BOX-WATER (1) EACH	NOTES
SP 6230-30						
MINNEHAHA						
170+58	14'LT	VALVE	SPRWS	X		
MCKNIGHT						
47+49	40'RT	VALVE	SPRWS	X		
48+01	36'RT	VALVE	SPRWS	X		
54+31	15'LT	VALVE	SPRWS		1	
54+54	15'LT	VALVE	SPRWS		1	
54+63	15'LT	VALVE	SPRWS		1	
54+68	54'RT	VALVE	SPRWS	X		
54+72	60'RT	VALVE	SPRWS	X		
54+74	14'LT	VALVE	SPRWS	X		
54+81	38'LT	VALVE	SPRWS	X		
62+29	10'LT	VALVE	SPRWS		1	
62+34	13'LT	VALVE	SPRWS		1	
73+55	17'RT	VALVE	SPRWS	X		
73+71	18'RT	VALVE	SPRWS	X		
STILLWATER						
22+25	54'RT	VALVE	SPRWS	X		
25+68	44'LT	HYD	SPRWS	X		
33+89	30'LT	HYD	SPRWS	X		
38+64	28'LT	HYD	SPRWS	X		
39+23	50'RT	VALVE	SPRWS	X		
43+66	53'RT	VALVE	SPRWS	X		
43+78	19'LT	VALVE	SPRWS	X		
43+81	22'LT	VALVE	SPRWS		1	
43+81	23'LT	HYD	SPRWS	X		
44+01	45'LT	VALVE	SPRWS	X		
49+68	27'LT	HYD	SPRWS	X		
SP 6230-30 TOTAL					6	

(1) CAUTION: UTILITY LINES WITHIN EXCAVATION AREA

WATER

(G) 100% ST. PAUL REGIONAL WATER SERVICE FUNDS

(A) 80% FEDERAL STBG, 20% STATE FUNDS

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

2 OF 3

DRAWN BY: LW | CHECKED BY: MS | CERTIFIED BY _____ LICENSED PROFESSIONAL ENGINEER LIC. NO. 25421 DATE _____

INPLACE UTILITY TABULATIONS

STATE PROJ. NO. 6229-37 (T.H. 5) SHEET NO. 29 OF 263 SHEETS

PLOTTED/REVISED: 5-JAN-2023
DISTRICT *: Metro
IPLOT NAME: d622937_InpUtl_TAB
FILENAME: Projects\DM_R0S\005\6229\037\Design\PlanSheets\05.5 Utilities\d622937_InpUtl_TAB.dgn

PLOTTED/REVISED: 7-DEC-2022

DISTRICT *: Metro
IPLOT NAME: d622937_topo01
FILENAME: Projects\DM_R05\005\6229\037\Design\PlanSheets\10 Inplace Topo & Utilities\d622937_Topo01.dgn

BEGIN S.P. 6229-37 (T.H. 5)
MINNEHAHA STA. 20+83

℄ HISTORIC 7TH

CITY OF ST. PAUL
RAMSEY COUNTY

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. --

50
SCALE IN FEET

Yellow highlight indicates SPRWS valve adjusted by contractor at MnDOT's expense.

Green highlight indicates SPRWS valve adjusted by contractor at SPRW's expense.

TRAFFIC CONTROL SIGNAL SYSTEM A (INP)

℄ MINNEHAHA

INP R/W

MINNEHAHA AVE.

11' THRU LANE

11' THRU LANE

36" RCP x 309'

36" RCP x 245'

8" PVC

8" PVC

12" VCP CCIPP LINED

EAST 7TH ST.

FOREST ST.

876 880 882 890 902 910 912 914 916 922 924 930 936 940 946 947

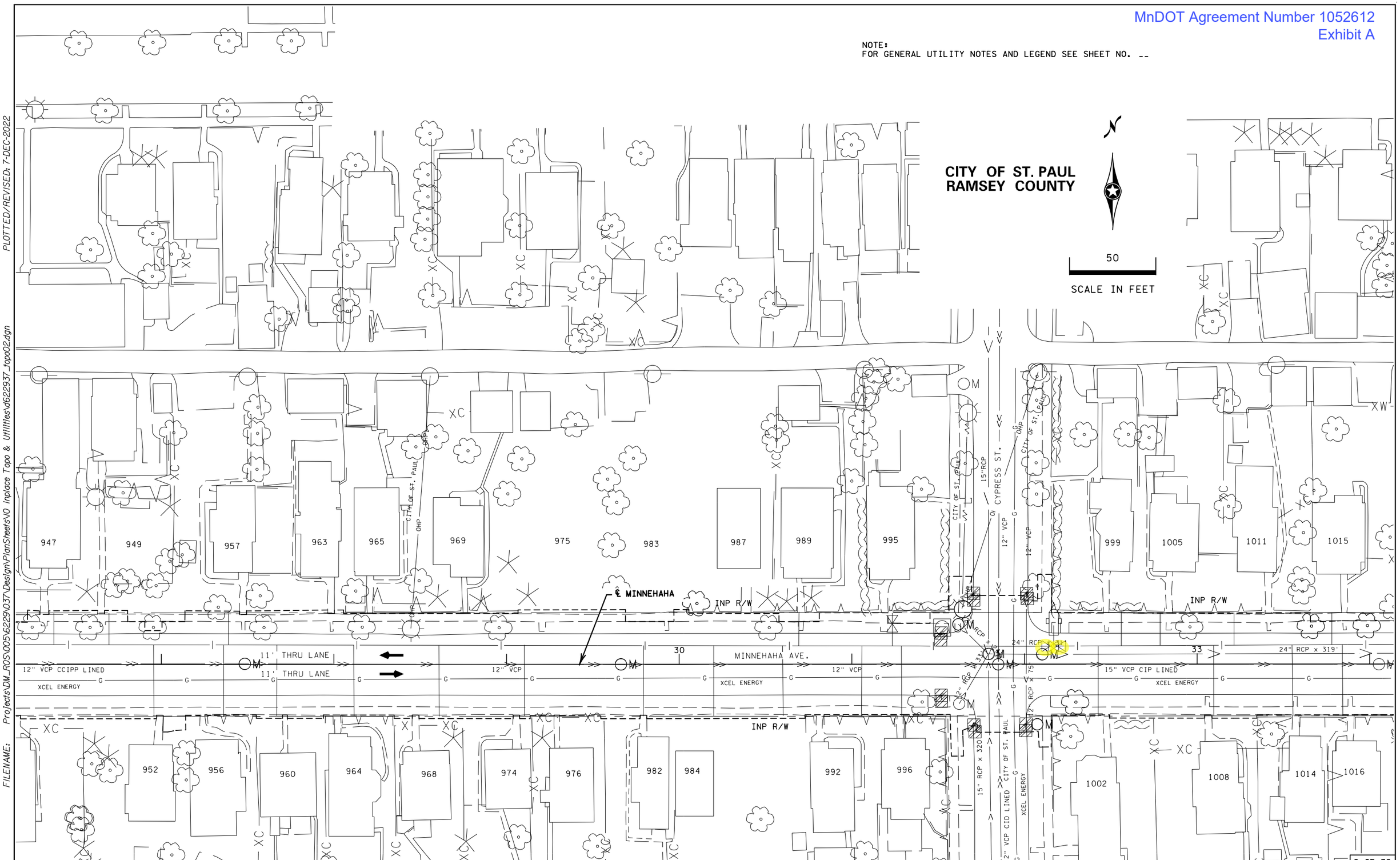
S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS | CHECKED BY: RE | CERTIFIED BY _____ LIC. NO. 25421 DATE _____
LICENSED PROFESSIONAL ENGINEER

STATE PROJ. NO. 6229-37 (T.H. 5) SHEET NO. 79 OF 263 SHEETS

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. --



2 OF 32

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS	CHECKED BY: RE	CERTIFIED BY _____ LICENSED PROFESSIONAL ENGINEER LIC. NO. 25421 DATE _____	STATE PROJ. NO. 6229-37 (T.H. 5) SHEET NO. 80 OF 263 SHEETS

PLOTTED/REVISED: 7-DEC-2022
DISTRICT #: Metro
IPLOT NAME: d622937_topo02
FILENAME: Projects\DM_ROS\005\6229\037\Design\PlanSheets\10 Inplace Topo & Utilities\d622937_topo02.dgn

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. __

CITY OF ST. PAUL
RAMSEY COUNTY

50
SCALE IN FEET

TRAFFIC CONTROL SIGNAL SYSTEM B (INP)

℄ MINNEHAHA

MINNEHAHA AVE.

INP R/W

EARL ST.

PLOTTED/REVISED: 7-DEC-2022
DISTRICT #: Metro
IPLOT NAME: d622937_topo03
FILENAME: Projects\DM_ROS\005\6229\037\Design\PlanSheets\10 Inplace Topo & Utilities\d622937_topo03.dgn

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS | CHECKED BY: RE | CERTIFIED BY _____ LIC. NO. 25421 DATE _____
LICENSED PROFESSIONAL ENGINEER

STATE PROJ. NO. 6229-37 (T.H. 5) SHEET NO. 81 OF 263 SHEETS

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. __

CITY OF ST. PAUL
RAMSEY COUNTY

50
SCALE IN FEET

PLOTTED/REVISED: 7-DEC-2022
DISTRICT #: Metro
IPLOT NAME: d622937_topo04
FILENAME: Projects\DM_ROS\005\6229\037\DesignVPlanSheets\10 Inplace Topo & Utilities\d622937_Topo04.dgn

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS | CHECKED BY: RE | CERTIFIED BY _____ LIC. NO. 25421 DATE _____
LICENSED PROFESSIONAL ENGINEER

STATE PROJ. NO. 6229-37 (T.H. 5) SHEET NO. 82 OF 263 SHEETS

MnDOT Agreement Number 1052612
Exhibit A

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. __

CITY OF ST. PAUL
RAMSEY COUNTY

50
SCALE IN FEET

DISTRICT *: Metro
IPLOT NAME: d622937_topo05
FILENAME: Projects\DM_ROS\005\6229\037\Design\PlanSheets\10 Inplace Topo & Utilities\d622937_topo05.dgn
PLOTTED/REVISED: 7-DEC-2022

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

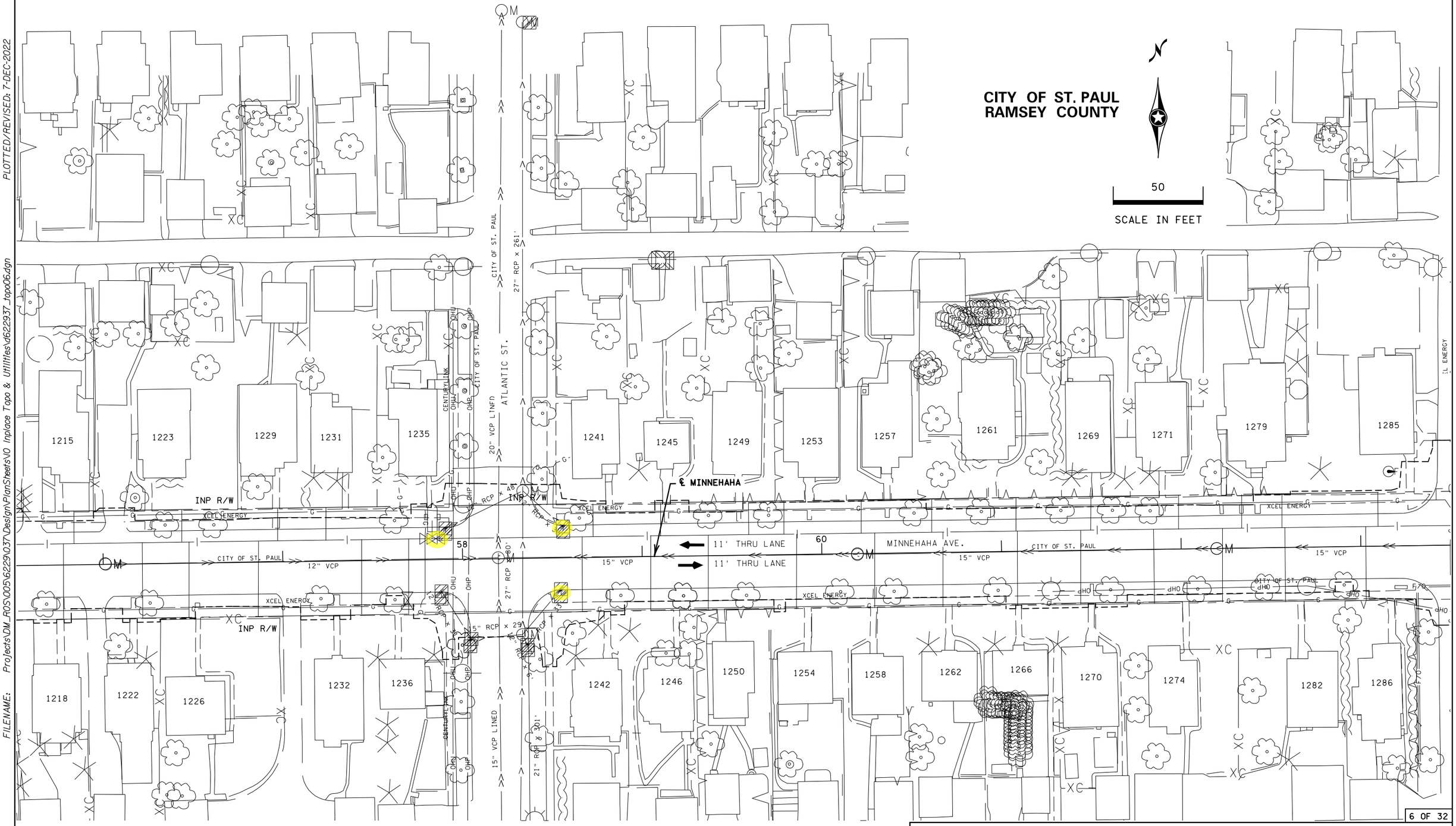
DRAWN BY: MS | CHECKED BY: RE | CERTIFIED BY _____ LIC. NO. 25421 DATE _____
LICENSED PROFESSIONAL ENGINEER

STATE PROJ. NO. 6229-37 (T.H. 5) SHEET NO. 83 OF 263 SHEETS

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. __

CITY OF ST. PAUL
RAMSEY COUNTY

50
SCALE IN FEET



6 OF 32

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS	CHECKED BY: RE	CERTIFIED BY _____ LIC. NO. 25421 DATE _____ LICENSED PROFESSIONAL ENGINEER	STATE PROJ. NO. 6229-37 (T.H. 5)	SHEET NO. 84 OF 263 SHEETS

PLOTTED/REVISED: 7-DEC-2022
DISTRICT *: Metro
IPLOT NAME: d622937_topo06
FILENAME: Projects\DM_R05\005\6229\037\Design\PlanSheets\10 Inplace Topo & Utilities\d622937_topo06.dgn

MnDOT Agreement Number 1052612
Exhibit A

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. __

CITY OF ST. PAUL
RAMSEY COUNTY

50
SCALE IN FEET

TRAFFIC CONTROL SIGNAL SYSTEM C (INP)

℄ MINNEHAHA

MINNEHAHA AVE.

JOHNSON PARKWAY

CLARENCE ST.

11' THRU LANE
11' THRU LANE

INP R/W

1279 1285 1282 1286 1301 1305 1307 1311 1317 1306 1308 1318 1322 1323 1327 1331 1335 1345 1328 1332 1344

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S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS | CHECKED BY: RE | CERTIFIED BY _____ LIC. NO. 25421 DATE _____
LICENSED PROFESSIONAL ENGINEER

STATE PROJ. NO. 6229-37 (T.H. 5) | SHEET NO. 85 OF 263 SHEETS

PLOTTED/REVISED: 7-DEC-2022
DISTRICT *: Metro
IPLOT NAME: d622937_topo07
FILENAME: Projects\DM_ROS\005\6229\037\Design\PlanSheets\10 Inplace Topo & Utilities\d622937_Topo07.dgn

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. __

CITY OF ST. PAUL
RAMSEY COUNTY

50
SCALE IN FEET

CLARENCE ST.
ETNA ST.
MINNEHAHA AVE.
℄ MINNEHAHA
INP R/W
11' THRU LANE
11' THRU LANE
CITY OF ST. PAUL
CENTURYLINK
XCEL ENERGY
1348 1349 1351 1354 1357 1359 1360 1367 1368 1369 1373 1377 1378 1382 1383 1386 1387 1391 1392

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

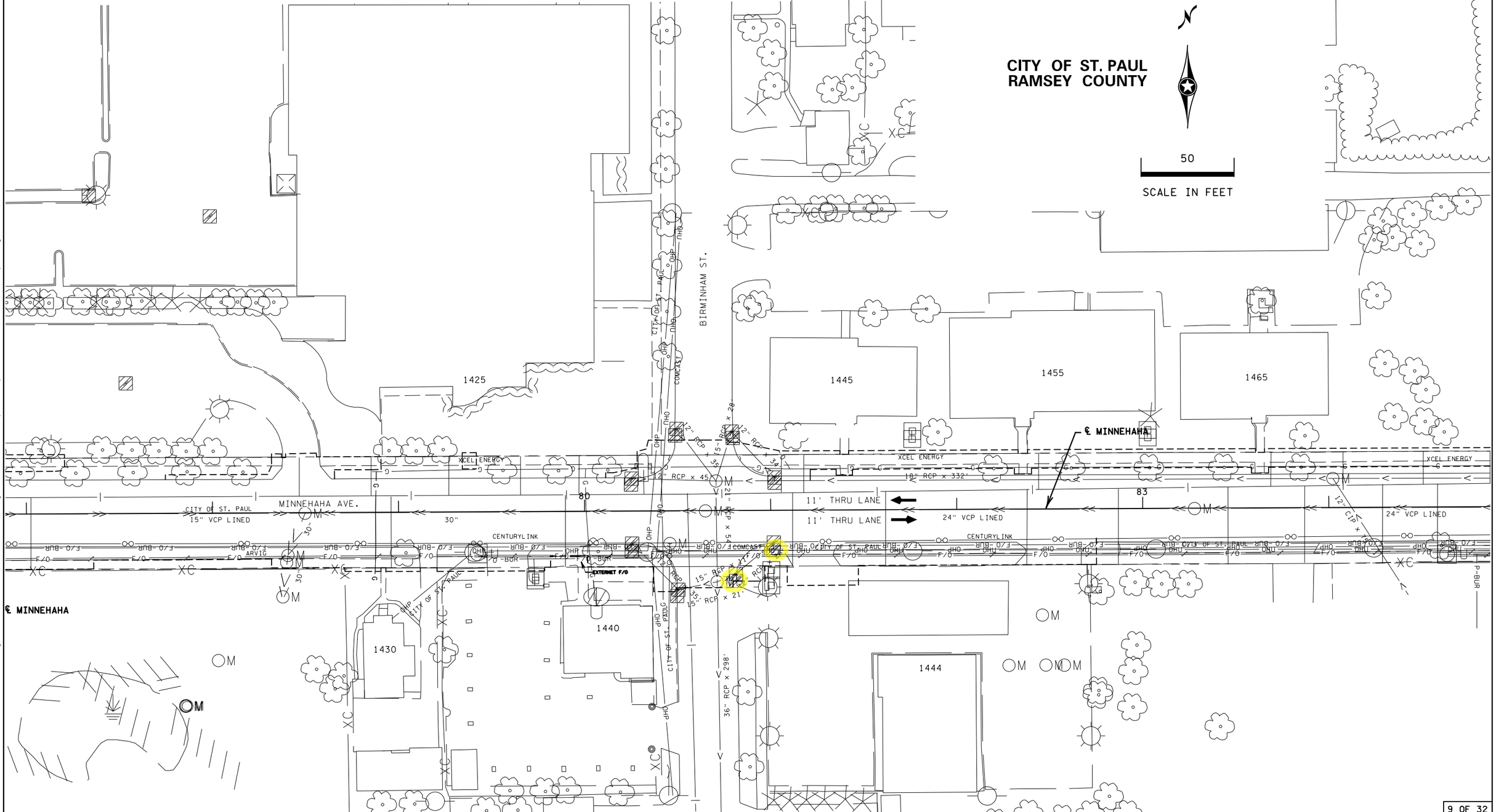
DRAWN BY: MS	CHECKED BY: RE	CERTIFIED BY _____ LICENSED PROFESSIONAL ENGINEER LIC. NO. 25421 DATE _____	STATE PROJ. NO. 6229-37 (T.H. 5)	SHEET NO. 86 OF 263 SHEETS

PLOTTED/REVISED: 7-DEC-2022
DISTRICT *: Metro
IPLOT NAME: d622937_topo08
FILENAME: Projects\DM_ROS\005\6229\037\Design\PlanSheets\10 Inplace Topo & Utilities\d622937_topo08.dgn

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. __

CITY OF ST. PAUL
RAMSEY COUNTY

50
SCALE IN FEET



9 OF 32

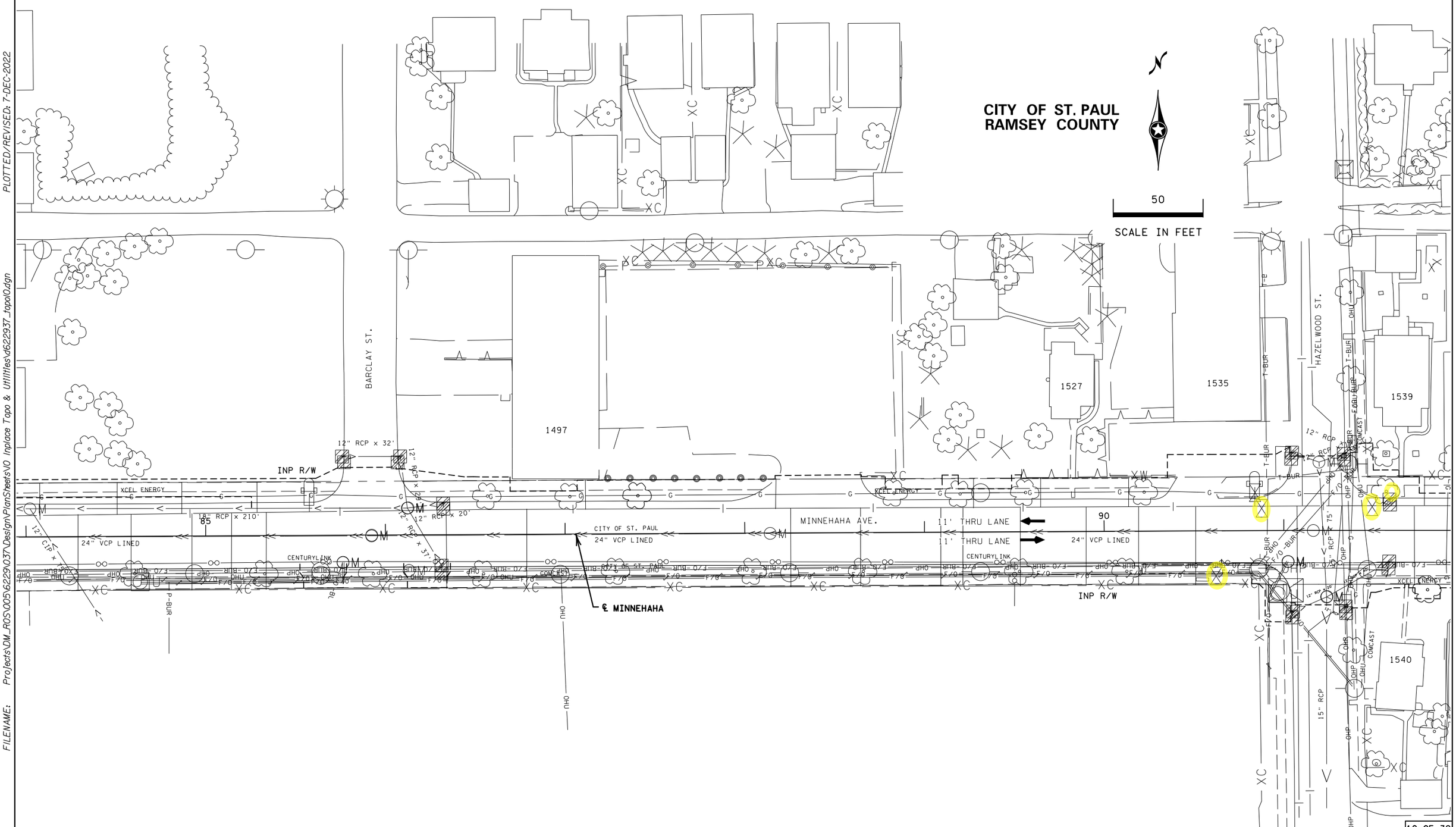
S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS	CHECKED BY: RE	CERTIFIED BY _____ LICENSED PROFESSIONAL ENGINEER LIC. NO. 25421 DATE _____	STATE PROJ. NO. 6229-37 (T.H. 5)	SHEET NO. 87 OF 263 SHEETS

PLOTTED/REVISED: 7-DEC-2022
DISTRICT *: Metro
IPLOT NAME: d622937_topo09
FILENAME: Projects\DM_R0S\005\6229\037\Design\PlanSheets\10 Inplace Topo & Utilities\d622937_topo09.dgn

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. --



PLOTTED/REVISED: 7-DEC-2022

DISTRICT #: Metro
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FILENAME: Projects\DM_ROS\005\6229\037\Design\PlanSheets\10 Inplace Topo & Utilities\d622937_topo10.dgn

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

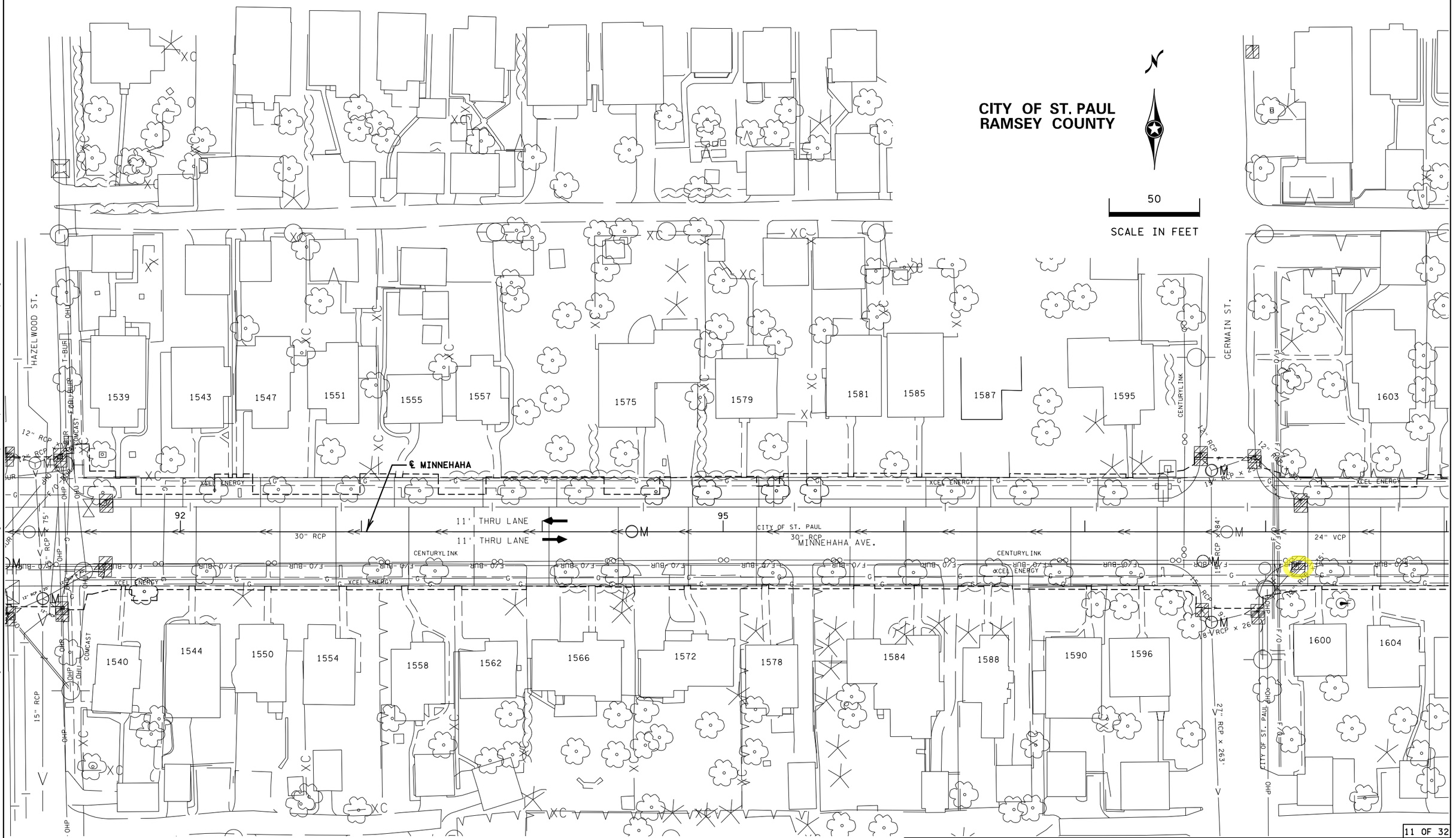
INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS	CHECKED BY: RE	CERTIFIED BY _____ LICENSED PROFESSIONAL ENGINEER LIC. NO. 25421 DATE _____	STATE PROJ. NO. 6229-37 (T.H. 5) SHEET NO. 88 OF 263 SHEETS

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. __

CITY OF ST. PAUL
RAMSEY COUNTY

50
SCALE IN FEET



DISTRICT #: Metro
IPLOT NAME: d622937_topoII
FILENAME: Projects\DM_ROS\005\6229\037\Design\PlanSheets\10 Inplace Topo & Utilities\d622937_topoII.dgn

PLOTTED/REVISED: 7-DEC-2022

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S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

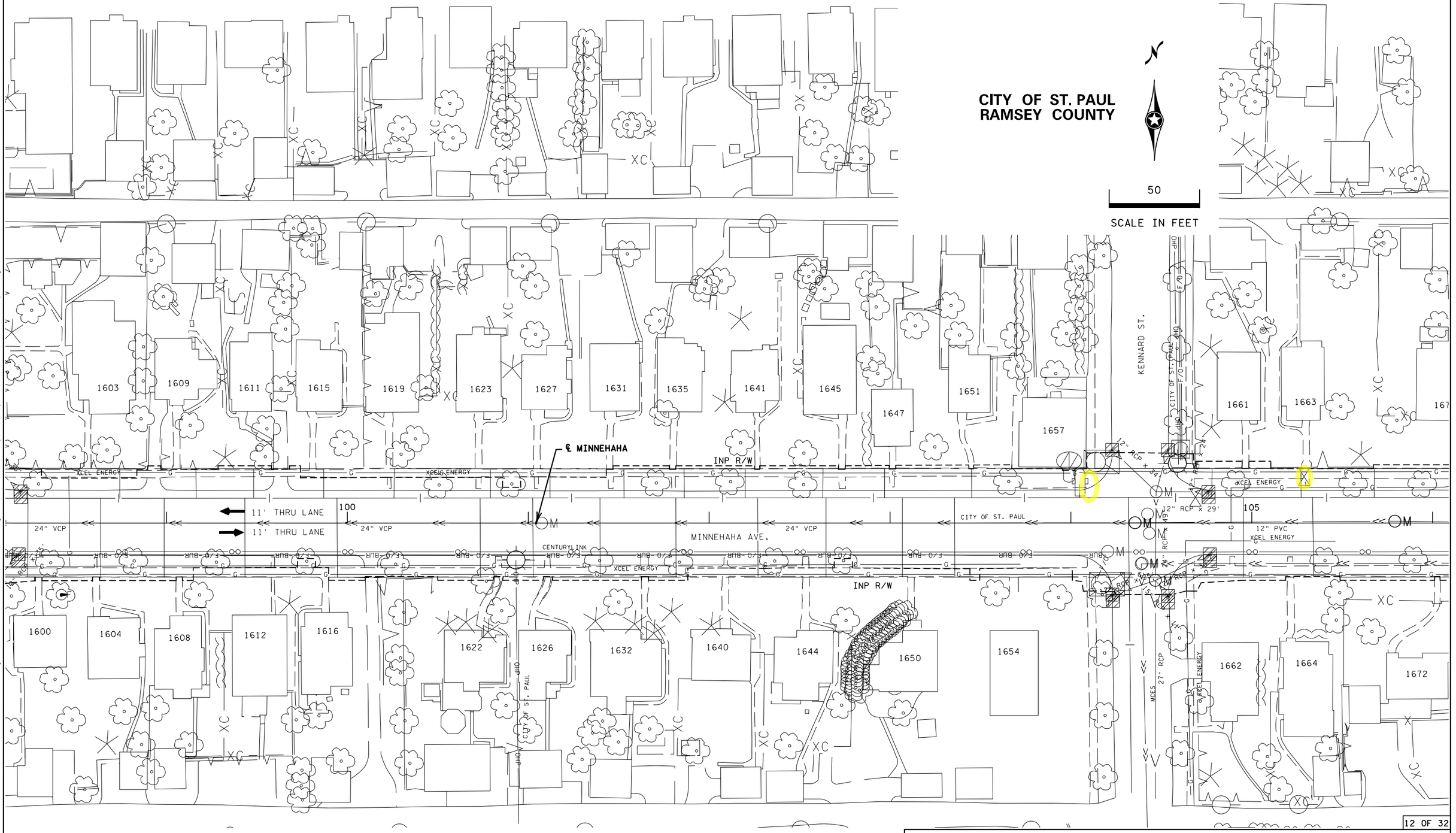
INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS	CHECKED BY: RE	CERTIFIED BY _____ LIC. NO. 25421 DATE _____ LICENSED PROFESSIONAL ENGINEER	STATE PROJ. NO. 6229-37 (T.H. 5)	SHEET NO. 89 OF 263 SHEETS

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. __

CITY OF ST. PAUL
RAMSEY COUNTY

50
SCALE IN FEET



12 OF 32

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

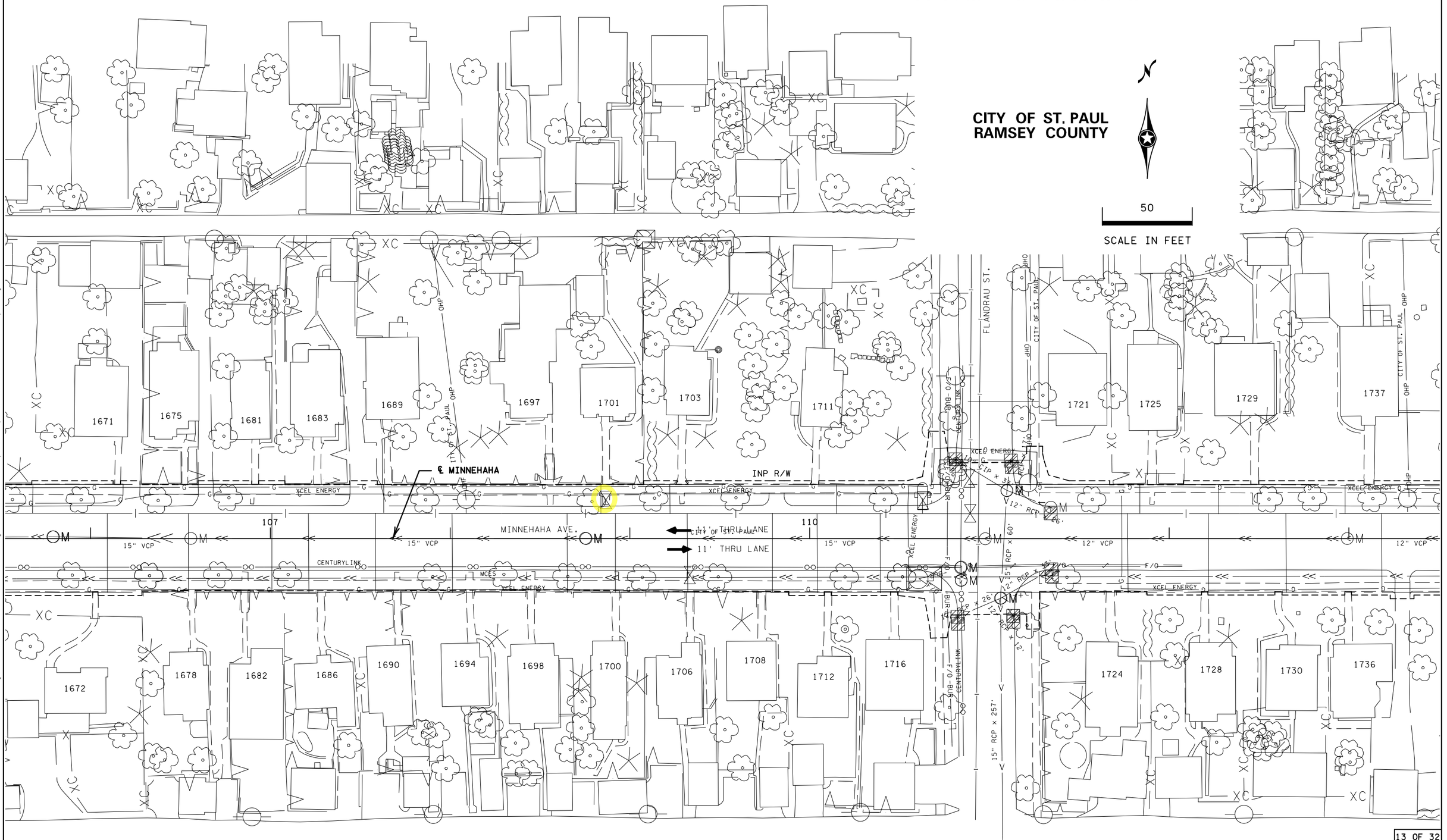
DRAWN BY: MS	CHECKED BY: RE	CERTIFIED BY _____ LIC. NO. 25421 DATE _____ LICENSED PROFESSIONAL ENGINEER	STATE PROJ. NO. 6229-37 (T.H. 5)	SHEET NO. 90 OF 263 SHEETS

PLOTTED/REVISED: 7-DEC-2022
DISTRICT *: Metro
IPLOT NAME: d6229237_topo12
FILENAME: Projects\DM_ROS\005\6229\037\Design\PlanSheets\10_Inplace Topo & Utilities\d6229237_topo12.dgn

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. __

CITY OF ST. PAUL
RAMSEY COUNTY

50
SCALE IN FEET



13 OF 32

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS	CHECKED BY: RE	CERTIFIED BY _____ LICENSED PROFESSIONAL ENGINEER LIC. NO. 25421 DATE _____	STATE PROJ. NO. 6229-37 (T.H. 5)	SHEET NO. 91 OF 263 SHEETS

PLOTTED/REVISED: 7-DEC-2022
DISTRICT *: Metro
IPLOT NAME: d622937_topo13
FILENAME: Projects\DM_ROS\005\6229\03\Design\PlanSheets\10 Inplace Topo & Utilities\d622937_Topo13.dgn

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. --

CITY OF ST. PAUL
RAMSEY COUNTY

50
SCALE IN FEET

TRAFFIC CONTROL SIGNAL SYSTEM D (INP)

WHITE BEAR AVE.

MINNEHAHA AVE.

℄ MINNEHAHA

11' THRU LANE
11' THRU LANE

CITY OF ST. PAUL

XCEL ENERGY

COMCAST

MCES

1737 1743 1747 1753 1757 1763 735

1736 1744 1750 1756 1766

1786 1787 1791 1795 1799 1805

1788 1792 1794 1802 1806

115 120

12" VCP 15" RCP x 58' 12" RCP x 10' 12" VCP LINED 96" RCP x 593'

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS	CHECKED BY: RE	CERTIFIED BY _____ LIC. NO. 25421 DATE _____ LICENSED PROFESSIONAL ENGINEER	STATE PROJ. NO. 6229-37 (T.H. 5)	SHEET NO. 92 OF 263 SHEETS

PLOTTED/REVISED: 7-DEC-2022
DISTRICT *: Metro
IPLOT NAME: d622937_topo14
FILENAME: Projects\DM_ROS\005\6229\03\Design\PlanSheets\10 Inplace Topo & Utilities\d622937_topo14.dgn

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. __

CITY OF ST. PAUL
RAMSEY COUNTY

50
SCALE IN FEET

PLOTTED/REVISED: 7-DEC-2022
DISTRICT *: Metro
IPLOT NAME: d622937_topo16
FILENAME: Projects\DM_ROS\005\6229\037\Design\PlanSheets\0 Inplace Topo & Utilities\d622937_topo16.dgn

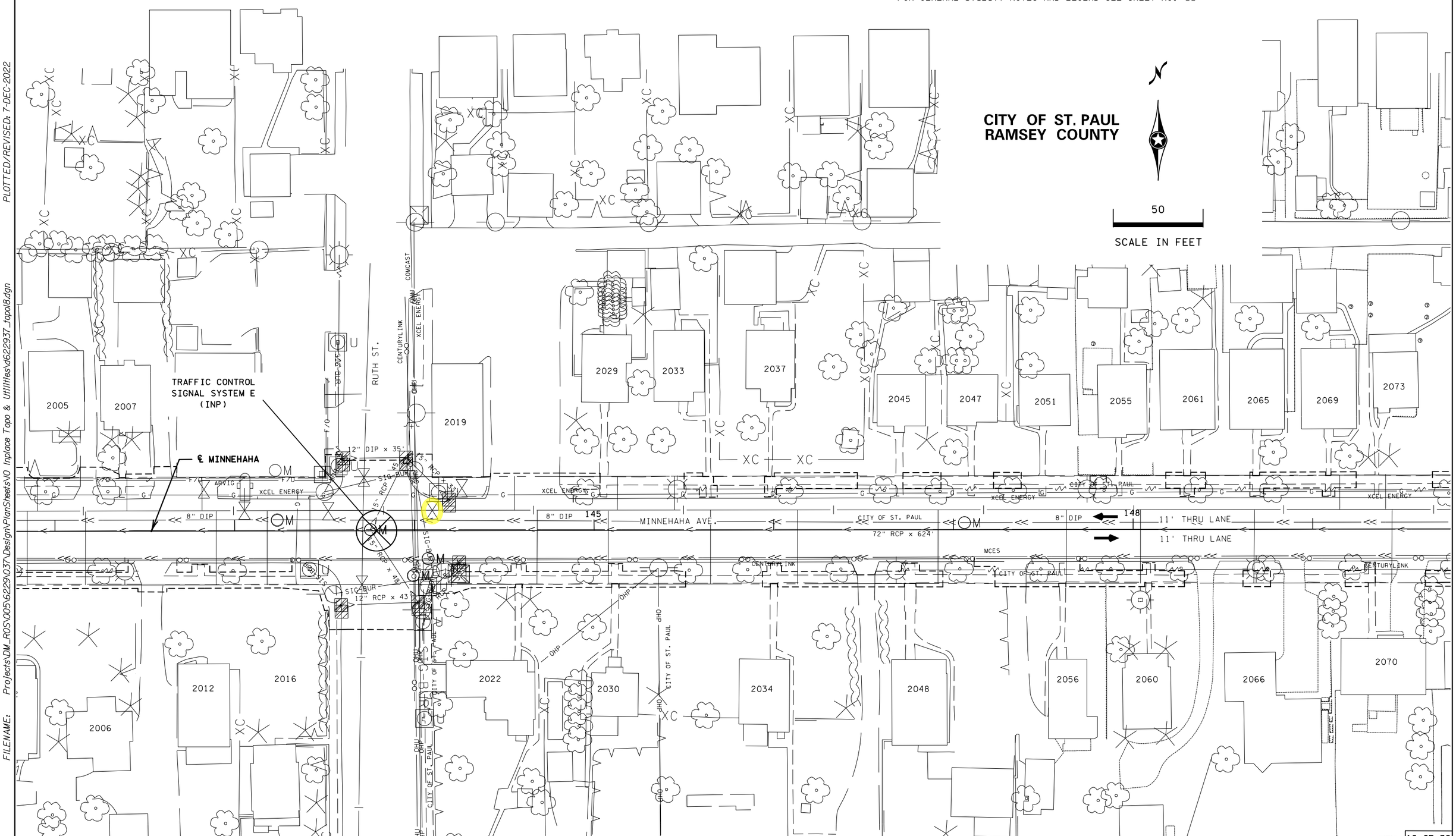
S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

DRAWN BY: MS	CHECKED BY: RE	CERTIFIED BY _____ LIC. NO. 25421 DATE _____ LICENSED PROFESSIONAL ENGINEER

INPLACE TOPOGRAPHY AND UTILITY PLANS

STATE PROJ. NO. 6229-37 (T.H. 5) SHEET NO. 94 OF 263 SHEETS

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. --



PLOTTED/REVISED: 7-DEC-2022

DISTRICT #: Metro
IPLOT NAME: d622937_topo18
FILENAME: Projects\DM_ROS\005\6229\037\Design\PlanSheets\0 Inplace Topo & Utilities\d622937_topo18.dgn

18 OF 32

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS	CHECKED BY: RE	CERTIFIED BY _____ LICENSED PROFESSIONAL ENGINEER LIC. NO. 25421 DATE _____	STATE PROJ. NO. 6229-37 (T.H. 5) SHEET NO. 96 OF 263 SHEETS

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. __

CITY OF ST. PAUL
RAMSEY COUNTY

50
SCALE IN FEET

PEDERSON ST.
WINTHROP ST.
INP R/W
℄ MINNEHAHA
MINNEHAHA AVE.
MCES
XCEL ENERGY
CENTURYLINK
CITY OF ST. PAUL
11' THRU LANE
11' THRU LANE
27" CP
24" RCP x 81'
24" RCP x 297'
27" RCP x 70'
18" RCP x 239'
12" RCP x 31'
15" RCP x 51'
18" RCP
150
155
2073
2087
2091
2099
2103
2109
2113
2117
2121
2129
2135
2141
2070
2076
2086
2090
2094
2100
2106
2112
2118
2122
2126
2138

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

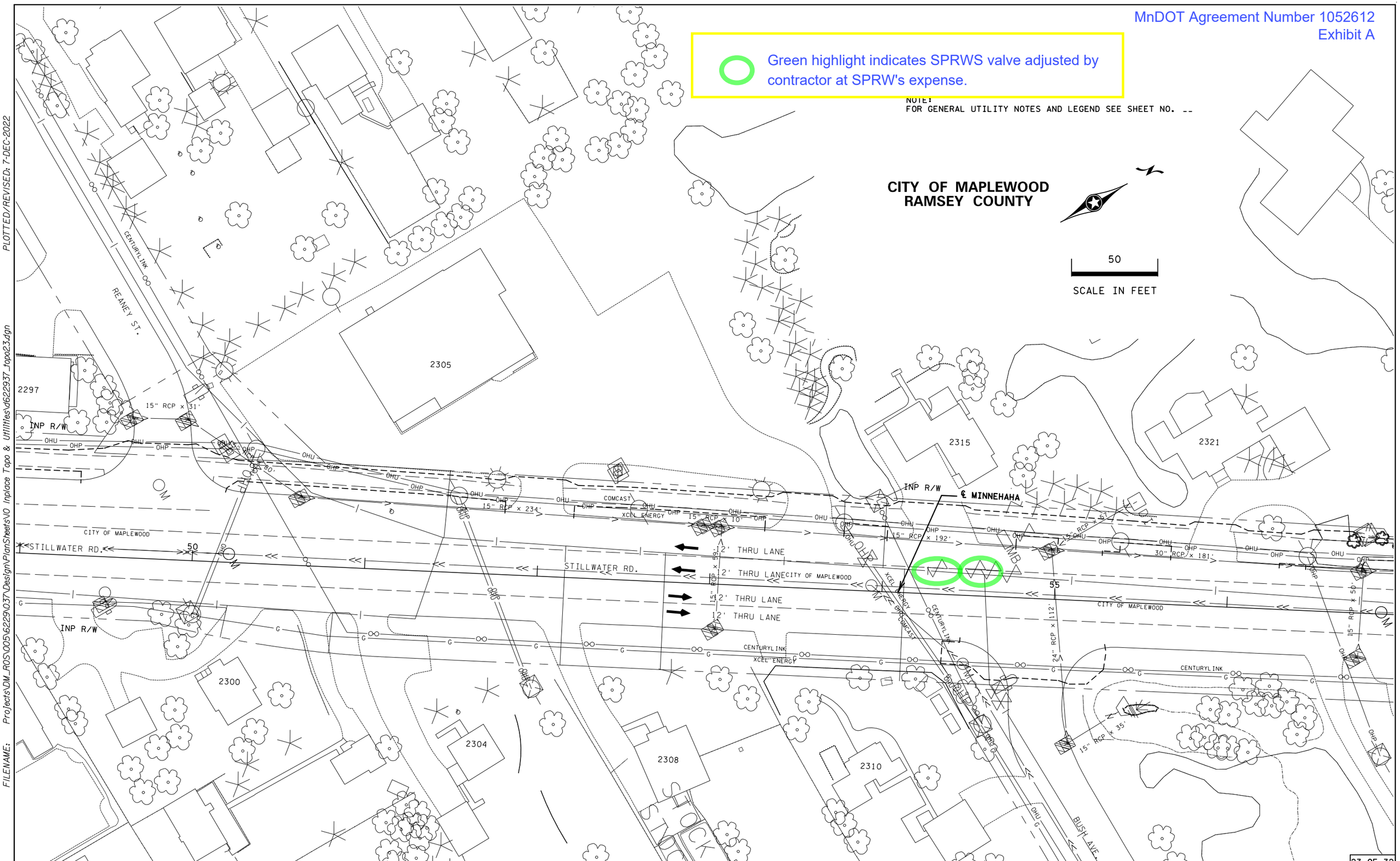
DRAWN BY: MS	CHECKED BY: RE	CERTIFIED BY _____ LICENSED PROFESSIONAL ENGINEER	LIC. NO. 25421 DATE _____	STATE PROJ. NO. 6229-37 (T.H. 5)	SHEET NO. 97 OF 263 SHEETS

19 OF 32

DISTRICT *: Metro
IPLOT NAME: d622937_topo19
FILENAME: Projects\DM_ROS\005\6229037\Design\PlanSheets\10 Inplace Topo & Utilities\d622937_topo19.dgn
PLOTTED/REVISED: 7-DEC-2022

MnDOT Agreement Number 1052612
Exhibit A

Green highlight indicates SPRWS valve adjusted by contractor at SPRW's expense.



23 OF 32

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS	CHECKED BY: RE	CERTIFIED BY _____ LICENSED PROFESSIONAL ENGINEER LIC. NO. 25421 DATE _____	STATE PROJ. NO. 6229-37 (T.H. 5) SHEET NO. 101 OF 263 SHEETS

PLOTTED/REVISED: 7-DEC-2022

DISTRICT #: Metro
IPLOT NAME: d622937_topo23
FILENAME: Projects\DM_ROS\005\6229\037\Design\PlanSheets\10 Inplace Topo & Utilities\d622937_topo23.dgn

MnDOT Agreement Number 1052612
Exhibit A

NOTE:
FOR GENERAL UTILITY NOTES AND LEGEND SEE SHEET NO. --

CITY OF MAPLEWOOD
RAMSEY COUNTY

50
SCALE IN FEET

℄ MINNEHAHA
INP R/W
STILLWATER RD.
CITY OF MAPLEWOOD
58
62
2335
2322
2328
2332
2334
2338
30" RCP × 318'
15" RCP × 50'
15" RCP × 10'
30" RCP × 391'
15" RCP × 60'
12' THRU LANE
OHU
OHP
P-BUR
XCEL ENERGY
COMCAST
CENTURYLINK

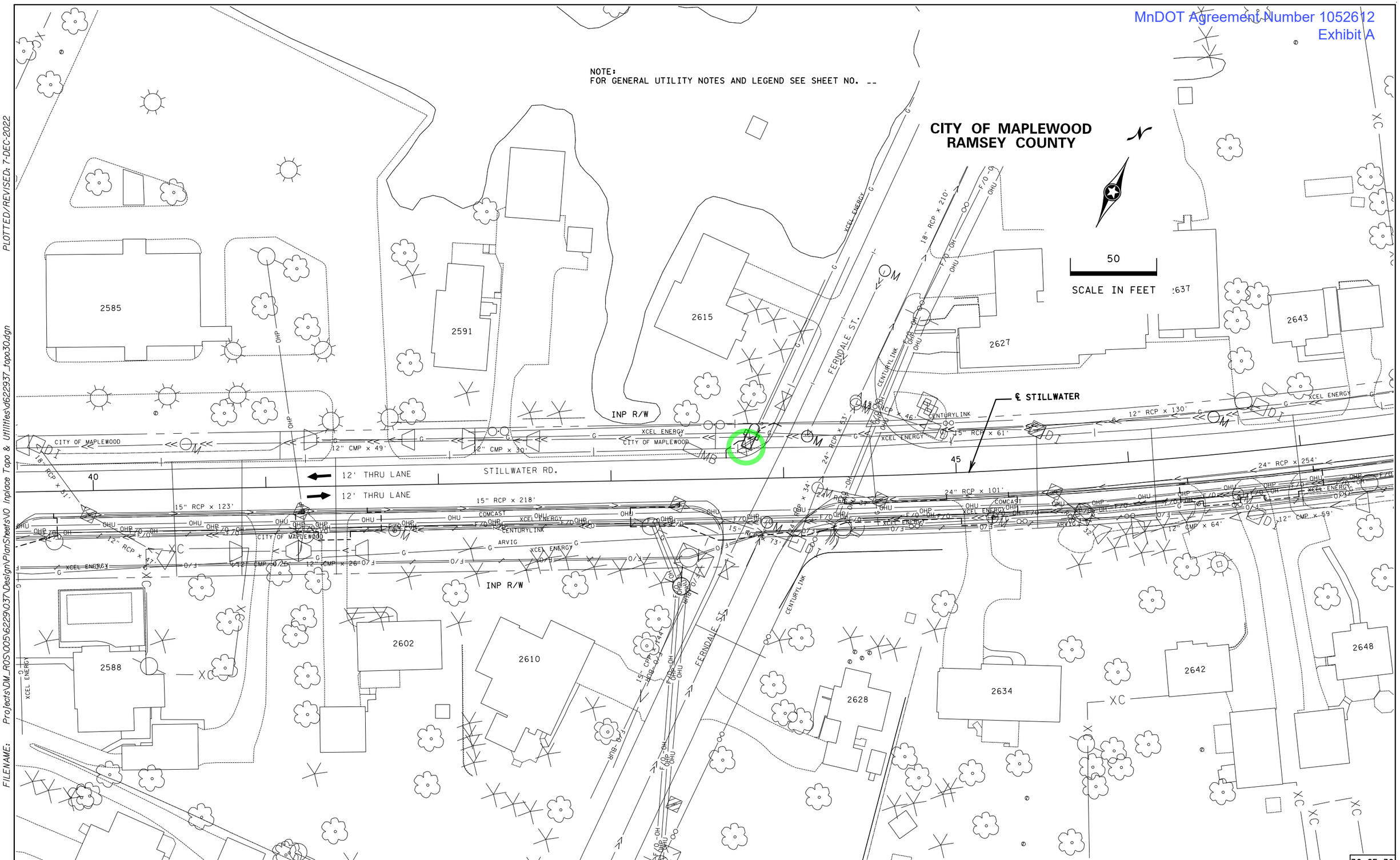
PLOTTED/REVISED: 7-DEC-2022
DISTRICT #: Metro
IPLOT NAME: d622937_topo24
FILENAME: Projects\DM_ROS\005\6229\037\Design\PlanSheets\00 Inplace Topo & Utilities\d622937_topo24.dgn

S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS | CHECKED BY: RE | CERTIFIED BY _____ LICENSED PROFESSIONAL ENGINEER LIC. NO. 25421 DATE _____

STATE PROJ. NO. 6229-37 (T.H. 5) SHEET NO. 102 OF 263 SHEETS



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S.A.P. 062-664-009, S.A.P. 062-665-063, S.A.P. 164-010-082, SP 164-010-075

INPLACE TOPOGRAPHY AND UTILITY PLANS

DRAWN BY: MS	CHECKED BY: RE	CERTIFIED BY _____ LICENSED PROFESSIONAL ENGINEER LIC. NO. 25421 DATE _____	STATE PROJ. NO. 6229-37 (T.H. 5) SHEET NO. 107 OF 263 SHEETS

PLOTTED/REVISED: 7-DEC-2022

DISTRICT #: Metro
IPLOT NAME: d622937_topo30
FILENAME: Projects\DM_ROS\005\6229\037\Design\PlanSheets\0 Inplace Topo & Utilities\d622937_topo30.dgn

S.P. 6229-37 Agency Agreement 1052612 Saint Paul Regional Water Services						
Estimate Table						
PAYITEM	**Project**	**DESCRIPTION**	**UNIT**	**EST. UNIT COST**	**TOTAL EST. QUANTITY**	**TOTAL COST**
2504.602	6229-37	Adjust valve box - water	EACH	$ -	37	$ -
2504-602	6230-30	Adjust valve box - water	EACH	$ 500.00	6	$ 3,000.00
SUB TOTAL						$ -
		MnDOT Design	LUMP SUM	3.0%		$ 90.00
		MnDOT Construction Adminstration/Inspection	LUMP SUM	8.0%		$ 240.00
GRAND TOTAL						**$ 3,330.00**

Items adjusted by contractor at MnDOT's expense
Items adjusted by contractor at SPRWS's expense