

PROJECT: **GOLD LINE BUS RAPID TRANSIT PROJECT**
MASTER AGREEMENT: **Master Funding Agreement #19I069 – St. Paul Regional Water Services**
PARTIES:
• **Metropolitan Council (“Council”)**
• **St. Paul Regional Water Services, State of Minnesota**

SUBORDINATE FUNDING AGREEMENT #3 TO MFA
St. Paul Regional Water Services – RE: Construction Inspection and Temporary Water

This Subordinate Funding Agreement (“SFA”) with the Board of Water Commissioners of the City of St. Paul (“Board”), a municipal corporation under the laws of the State of Minnesota doing business as St. Paul Regional Water Services (“SPRWS”), is entered into by and between the above-named Parties.

WHEREAS:

1. The Parties entered into a Master Funding Agreement (“MFA”) for the Gold Line Bus Rapid Transit Project (“Project”), effective April 3, 2020.
2. The Parties provided in the MFA that certain aspects of funding for the Project, or components related to but not part of the Project, would be determined in subsequent SFAs.
3. The Parties desire to enter this SFA to provide funding for SPRWS to conduct inspections and provide temporary water services as described in Exhibits A and B of this agreement.

NOW, THEREFORE, in reliance on the statements in these recitals, the Parties hereby agree as follows:

1. **Amount of Authorized Funding.** The total cost authorized by this SFA shall be up to but not exceeding the amount of \$71,625, unless authorized in a subsequent agreement or an amendment to this SFA.
2. **Payment.** The funds shall be payable in accordance with the payment schedule set forth in the MFA.
3. **General Purpose of Funds:** The Council will reimburse SPRWS for the costs to complete inspections of watermain installed as part of the Project and to provide temporary water services during construction as described in Exhibits A and B.
4. **Specific Description of Funding Authorization:** Funds provided under this SFA may only be used for costs directly incurred by SPRWS within the described Use of Funds: Allowable Costs and as detailed in the MFA.
5. **Project Activity Period.** The Project Activity Period for the purposes of this Subordinate Funding Agreement shall run from June 1, 2022 to December 31, 2024, or until reimbursement of costs associated with the Exhibit A is complete or unless terminated earlier consistent with the terms of the Master Funding Agreement.

6. **Incorporation.** The terms, conditions, and definitions of the MFA are expressly incorporated into this SFA except as modified herein.
7. **Counterparts.** The parties may sign this Agreement in counterparts, each of which constitutes an original, but all of which together constitute one instrument.
8. **Electronic Signatures.** The parties agree that the electronic signature of a party to this Agreement shall be as valid as an original signature of such party and shall be effective to bind such party to this Agreement. The parties further agree that any document (including this Agreement and any attachments or exhibits to this Agreement) containing, or to which there is affixed, an electronic signature shall be deemed (i) to be “written” or “in writing,” (ii) to have been signed and (iii) to constitute a record established and maintained in the ordinary course of business and an original written record when printed from electronic files. For purposes hereof, “electronic signature” also means a manually signed original signature that is then transmitted by any electronic means, including without limitation a faxed version of an original signature or an electronically scanned and transmitted version (e.g., via PDF) of an original signature. Any party’s failure to produce the original signature of any electronically transmitted signature shall not affect the enforceability of this Agreement.

**[THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK;
SIGNATURE PAGE TO FOLLOW.]**

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorized representatives on the dates indicated below. Furthermore, this Agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same agreement.

**BOARD OF WATER COMMISSIONERS OF
THE CITY OF SAINT PUAL**

Approved as to form:

By: _____
President

By: _____
General Manager

Date: _____

Date: _____

By: _____
Secretary

By: _____
City Attorney

Date: _____

Date: _____

By: _____
Director, Office of Financial Services

METROPOLITAN COUNCIL

Date: _____

By: _____

Its: _____

Date: _____

-

EXHIBIT A

DPU Watermain Inspection Cost Estimate Form

Saint Paul Regional Water Services

Purpose

This form is used to provide an estimate of the inspection costs where a Damage Prevention Inspector will be required to be present for the installation of a project water main, services, and other features. Additionally this form has temporary water costs. This is only an estimate and actual costs will vary based upon site conditions, contractor competence and efficiency, and other factors. Actual costs will be determined after the project is completed and overages will be billed or refunds issued for excess.

Project Name	BRT Goldline		
Inspections Estimate By:	GC		
Temp Estimate By:	TZ/ML		
Date:	5/24/2022 8:38		

Area	Qty	Cost Estimate	Reasoning Breakdown
340-AF Sibley ST	1	\$600.00	Large Service, assumes 6 hrs/\$100/hr
411 & 411-AF Minnesota	2	\$1,200.00	Large Service, assumes 6 hrs/\$100/hr
Dayton Pl @ cul-de-sac W of Maria Hyd	1	\$400.00	Estimate assumes 4 hrs./hydrant @ \$100/hr. inspection
Mounds Blvd Station Svc	1	\$300.00	Small Service, assumes 3 hrs/\$100/hr
Maria/Wilson Total Main Footage	150	\$300.00	Estimate basis assumes 400' of main laid per 8 hr. day @ \$100/hr. inspection cost
Maria/Wilson Hydrants	1	\$400.00	Estimate assumes 4 hrs./hydrant @ \$100/hr. inspection
Maria/Wilson Testing main sections	1	\$1,600.00	Estimate assumes 16 hrs. over a three day period for testing (conductivity/pressure/bacterial) and flushing
Earl St West Station Svc	1	\$300.00	Small Service, assumes 3 hrs/\$100/hr
Earl St East Station Svc	1	\$300.00	Small Service, assumes 3 hrs/\$100/hr
Earl Total Main Footage	66	\$528.00	Estimate basis assumes 100' of main laid per 8 hr. day @ \$100/hr. inspection cost
Testing main sections	0	\$0.00	Testing done with Hudson Main RPL which is SPRWS cost
Clarence Total Main Footage	252	\$504.00	Estimate basis assumes 400' of main laid per 8 hr. day @ \$100/hr. inspection cost
Clarence Hydrants	1	\$400.00	Estimate assumes 4 hrs./hydrant @ \$100/hr. inspection
Clarence Testing main sections	1	\$1,600.00	Estimate assumes 16 hrs. over a three day period for testing (conductivity/pressure/bacterial) and flushing
Etna St Station Svc	1	\$300.00	Small Service, assumes 3 hrs/\$100/hr

EXHIBIT A

Conway @ Etna NW Cor	1	\$400.00	Estimate assumes 4 hrs./hydrant @ \$100/hr. inspection
Etna Bet Wilson & Conway - E Side	1	\$400.00	Estimate assumes 4 hrs./hydrant @ \$100/hr. inspection
White Bear Total Main Footage	205	\$1,640.00	Estimate basis assumes 100' of main laid per 8 hr. day @ \$100/hr. inspection cost
White Bear Testing main sections	1	\$1,600.00	Estimate assumes 16 hrs. over a three day period for testing (conductivity/pressure/bacterial) and flushing
White Bear Drop Shaft	1	\$1,600.00	Assumes 16 hrs / \$100/hr
Hazel Total Main Footage	386	\$772.00	Estimate basis assumes 400' of main laid per 8 hr. day @ \$100/hr. inspection cost
Hazel Hydrant	1	\$400.00	Estimate assumes 4 hrs./hydrant @ \$100/hr. inspection
Hazel St Station Service	1	\$300.00	Small Service, assumes 3 hrs/\$100/hr
Testing main sections	1	\$1,600.00	Estimate assumes 16 hrs. over a three day period for testing (conductivity/pressure/bacterial) and flushing
White Bear Total Main Footage	248	\$1,984.00	Estimate basis assumes 100' of main laid per 8 hr. day @ \$100/hr. inspection cost
White Bear Testing main sections	1	\$1,600.00	Estimate assumes 16 hrs. over a three day period for testing (conductivity/pressure/bacterial) and flushing
White Bear Drop Shaft	1	\$1,600.00	Assumes 16 hrs / \$100/hr
Pederson @ Hudson NE Cor	1	\$400.00	Estimate assumes 4 hrs./hydrant @ \$100/hr. inspection
Sun Ray Station Service	1	\$300.00	Small Service, assumes 3 hrs/\$100/hr
McKnight @ Hudson NW Cor	1	\$400.00	Estimate assumes 4 hrs./hydrant @ \$100/hr. inspection
Hudson Maplewood Total Main Footage	2835	\$5,670.00	Estimate basis assumes 400' of main laid per 8 hr. day @ \$100/hr. inspection cost
Hudson Maplewood Hydrants	9	\$3,600.00	Estimate assumes 4 hrs./hydrant @ \$100/hr. inspection
Maplewood Station Svc	1	\$402.00	Small Service, assumes 3 hrs/\$100/hr
Hudson Maplewood Testing main sections	1	\$1,600.00	Estimate assumes 16 hrs. over a three day period for testing (conductivity/pressure/bacterial) and flushing
Pre contingency total		\$35,000.00	
10% Contingency		\$3,500.00	
Inspections Total		\$38,500.00	

EXHIBIT A

Temporary Water Services			
White Bear	1	\$5,497.25	Estimate based on 66.25 hours labor, equipment, and restoration where needed
411 Minnesota	1	\$7,290.26	Estimate based on 86 hours labor, equipment, and restoration where needed
Maria	1	\$2,756.69	Estimate based on 40 hours labor, equipment, and restoration where needed
Clarence	1	\$4,189.07	Estimate based on 49 hours labor, equipment, and restoration where needed
Ruth	1	\$6,766.73	Estimate based on 82.5 hours labor, equipment, and restoration where needed
Pre contingency total		\$26,500.00	
		\$6,625.00	
Billable Total		\$33,125.00	

EXHIBIT B

**Gold Line BRT Project 100% Plan
SPRWS Watermain O&M Exhibit
Rev 00 - 4/1/22**

LEGEND

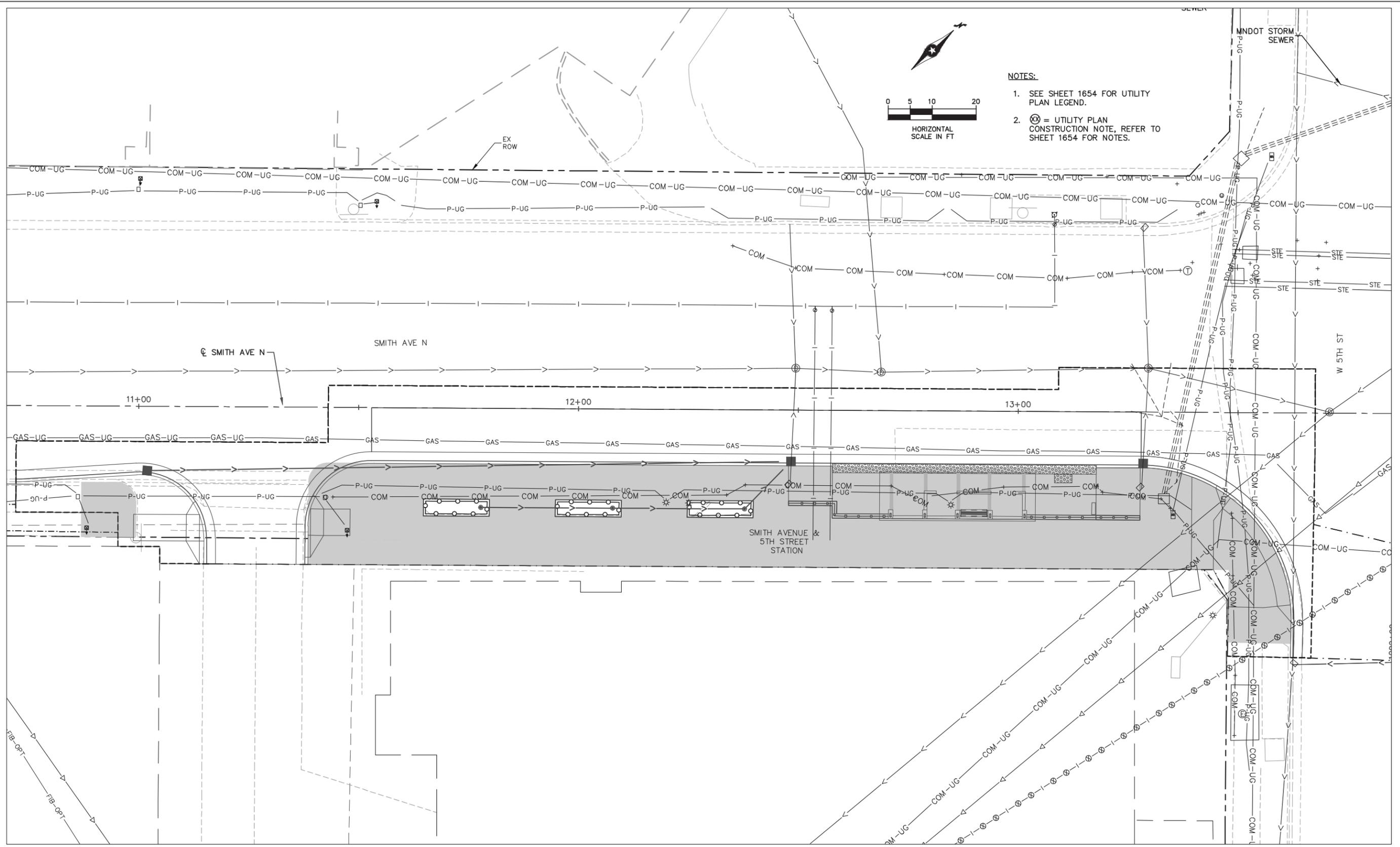
 Infrastructure proposed to be owned and maintained by SPRWS

 Infrastructure proposed to be owned and maintained by Metro Transit

With call outs of
SPRWS vs
MetCouncil Costs



EXHIBIT B



NOTES:

1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
2. (Symbol) = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

Nov. 18 2021 09:28 am C:\Users\rdonovan\appdata\local\temp\AePublish_50932\SEG1-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

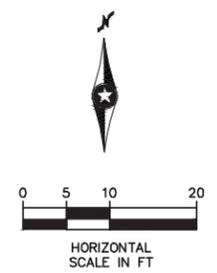
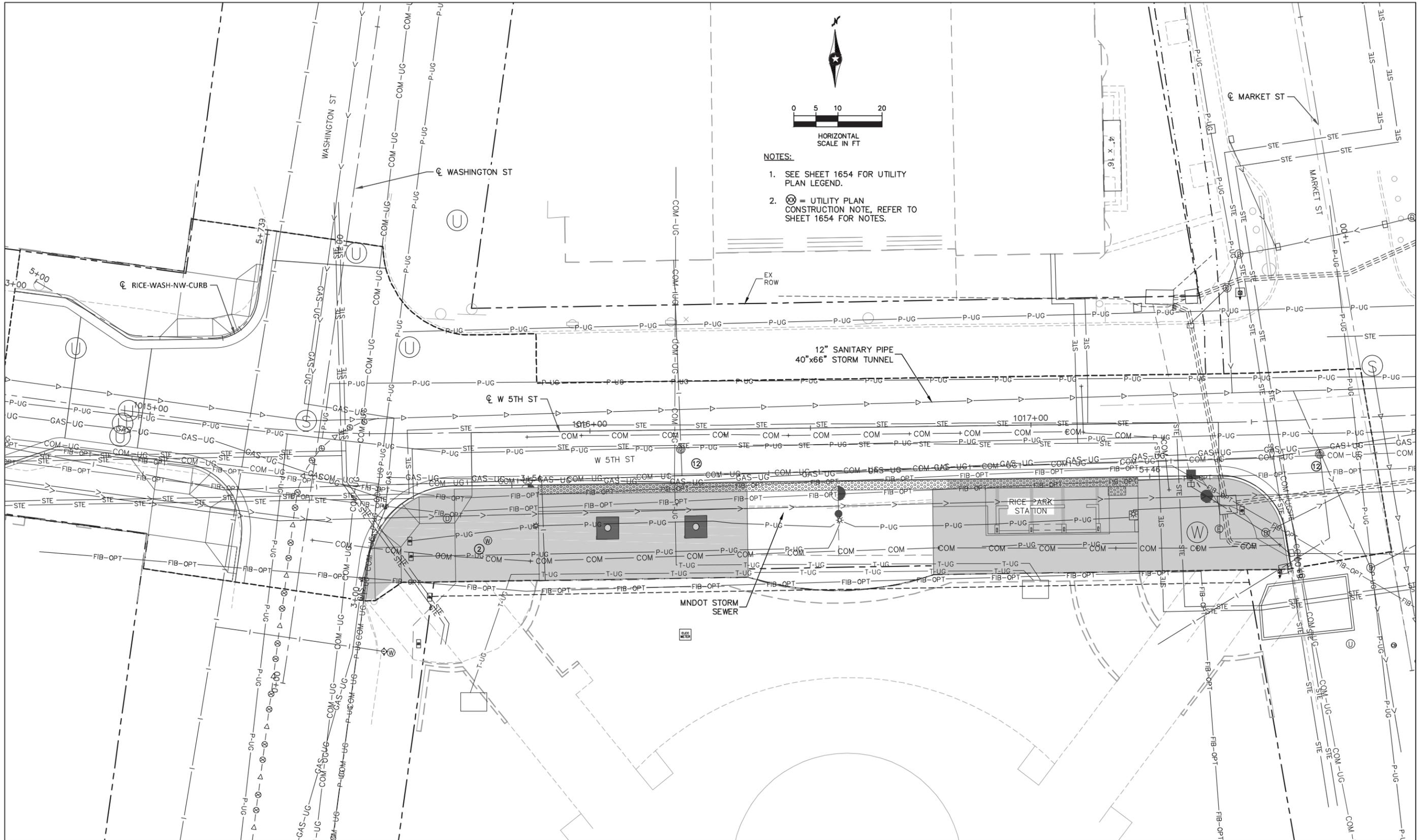
CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN
 SMITH AVENUE & 5TH STREET STATION

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

DT84 OF DT300

EXHIBIT B



- NOTES:
1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 2. ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

Nov. 18 2021 09:29 am C:\Users\rdonovan\appdata\local\temp\Aepublish_50932\SEG1-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

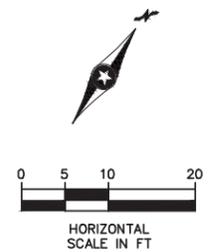
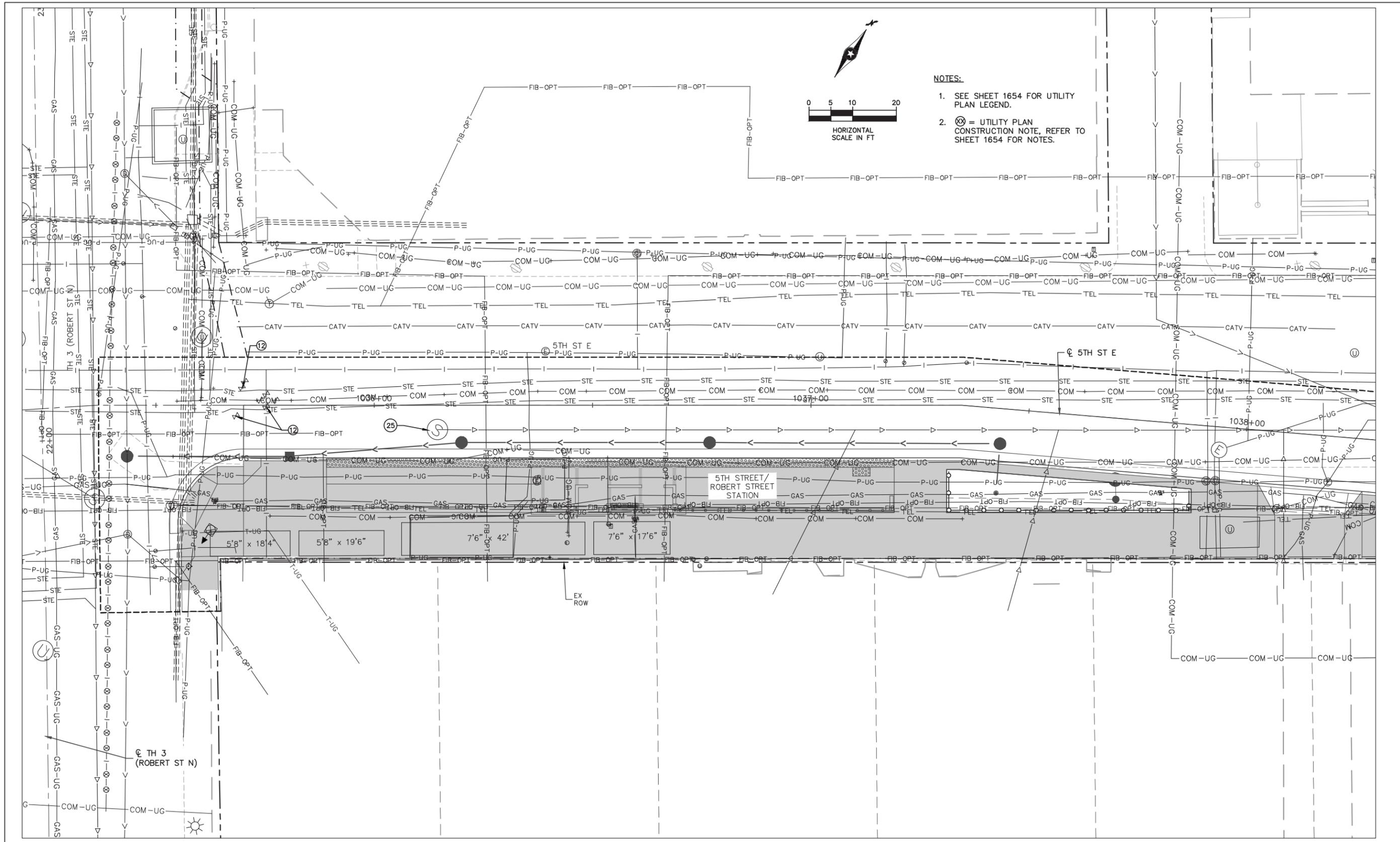
CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN
 RICE PARK STATION

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

DT110 OF DT300

EXHIBIT B



- NOTES:**
1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 2. ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

Nov. 18 2021 09:30 am C:\Users\rdonovan\appdata\local\temp\AcPublish_50932\SEG1-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

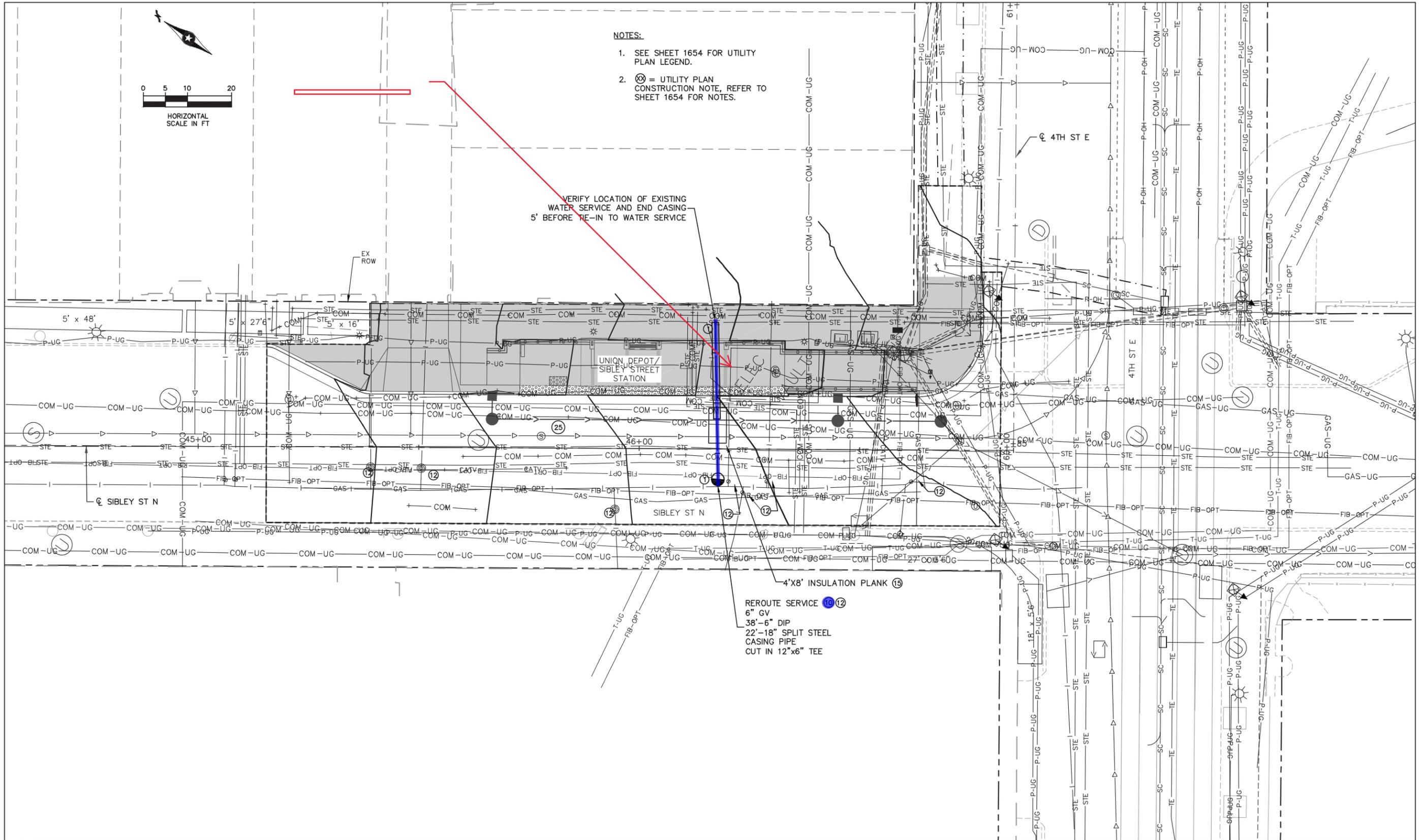
CERTIFIED BY: *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN
 5TH STREET & ROBERT STREET STATION

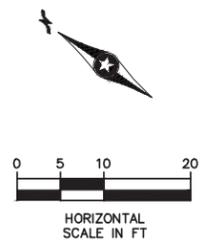
STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

DT164 OF DT300

EXHIBIT B



- NOTES:**
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.



Nov. 18 2021 09:31 am C:\Users\rdonovan\appdata\local\temp\AcPublish_50932\SECI-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

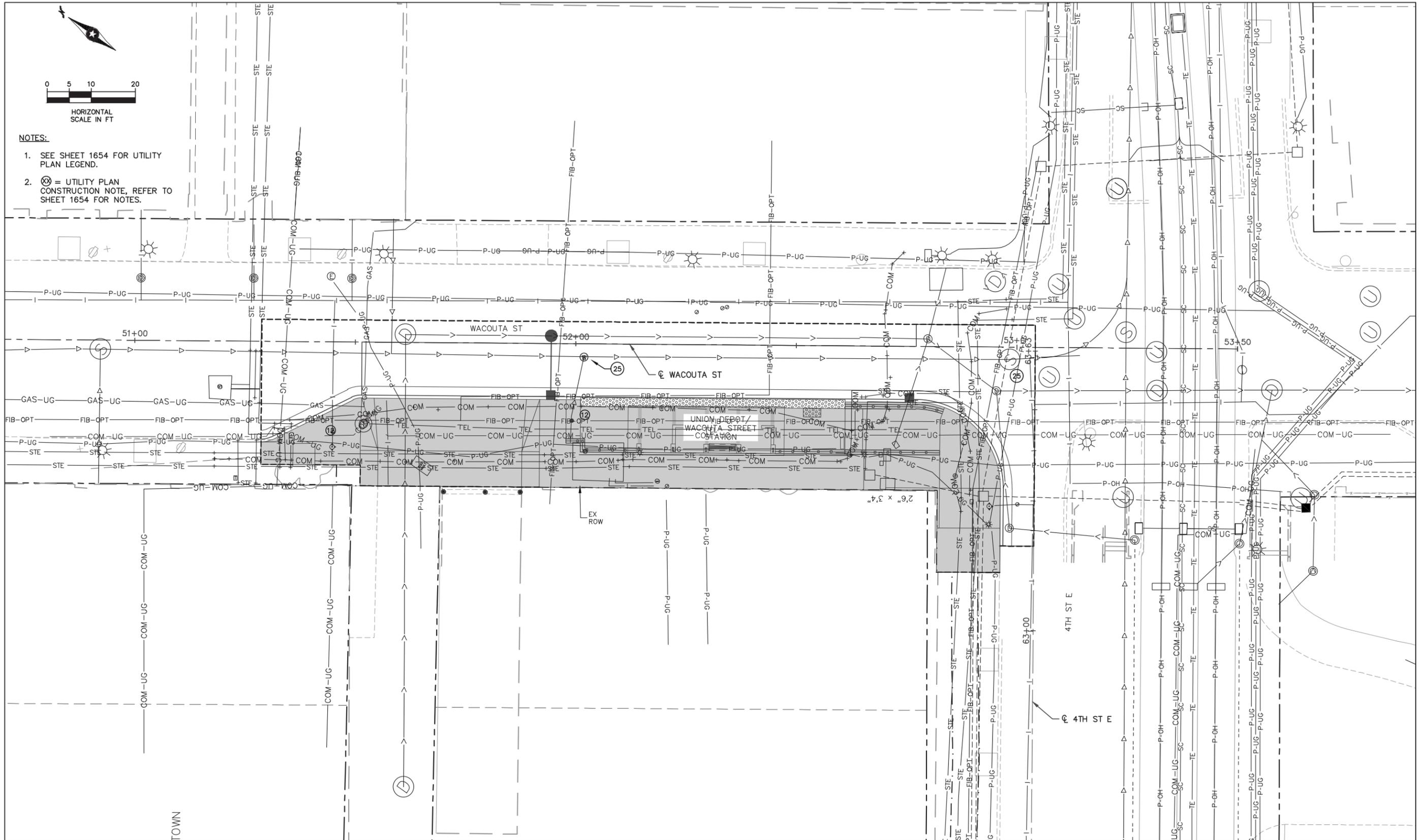
CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN
 UNION DEPOT & SIBLEY STREET STATION

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

DT190 OF DT300

EXHIBIT B



- NOTES:**
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

Nov. 18 2021 09:32 am C:\Users\rdonovan\appdata\local\temp\AcPublish_50932\SEG1-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley Horn

METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

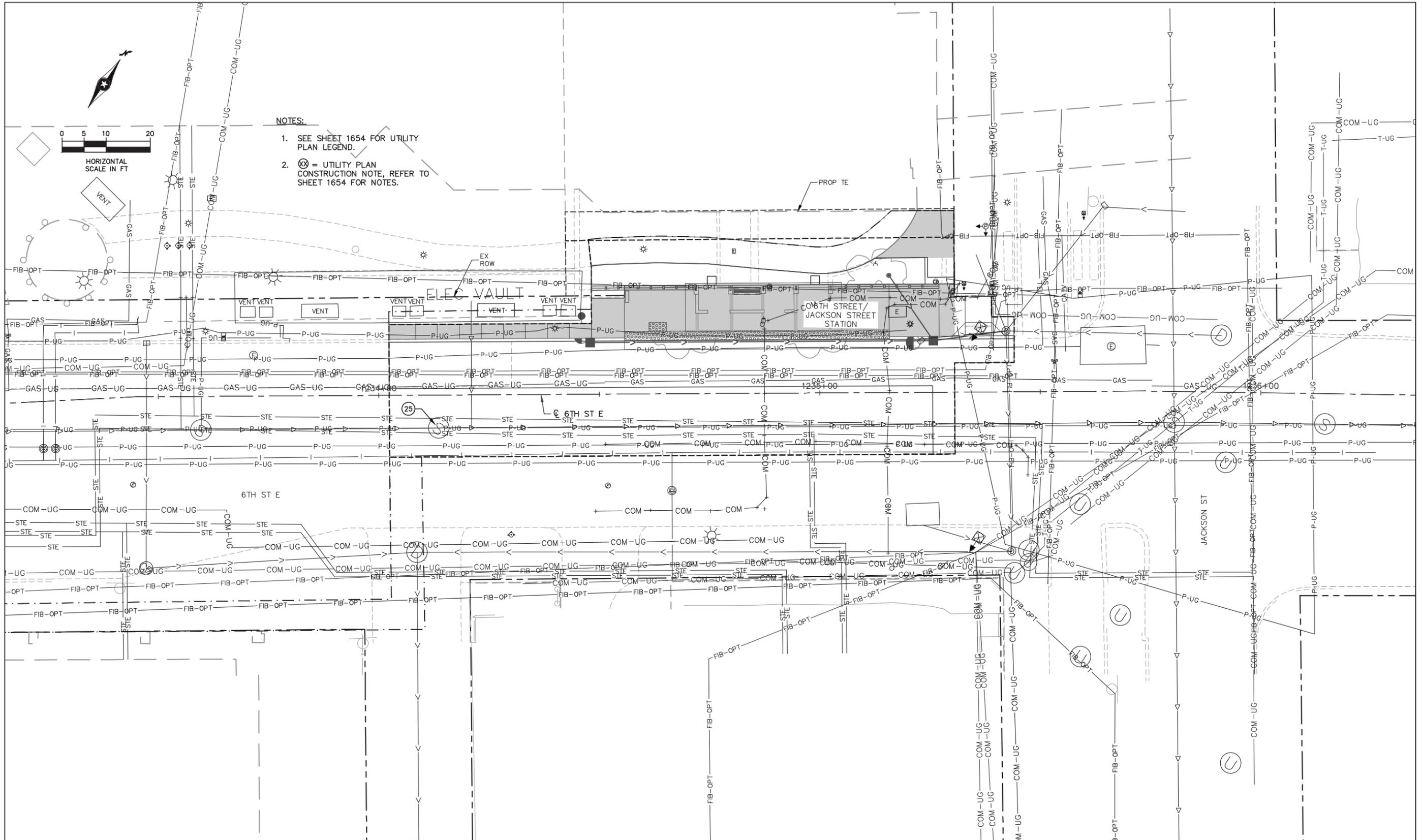
CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN
 UNION DEPOT & WACOUTA STREET STATION

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

DT213 OF DT300

EXHIBIT B



- NOTES:**
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

Nov. 18 2021 09:33 am C:\Users\rdonovan\appdata\local\temp\Aepublish_50932\SEG1-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

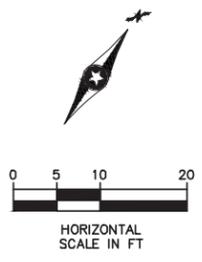
CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN
 6TH STREET & JACKSON STREET STATION

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

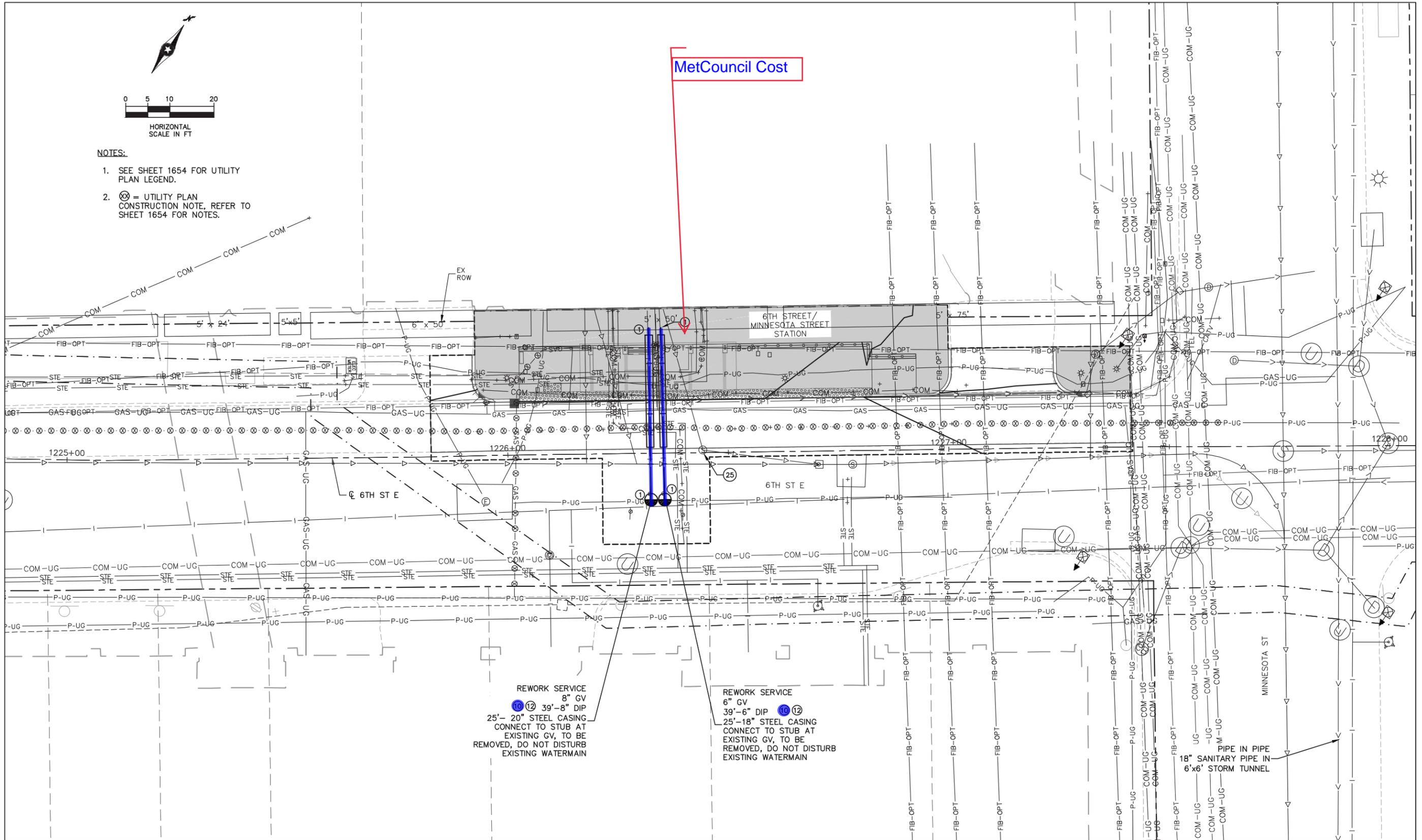
DT235 OF DT300

EXHIBIT B



- NOTES:
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

MetCouncil Cost



Nov. 18 2021 09:33 am C:\Users\rdonovan\appdata\local\temp\AcPublish_50932\SEG1-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

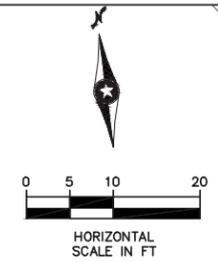
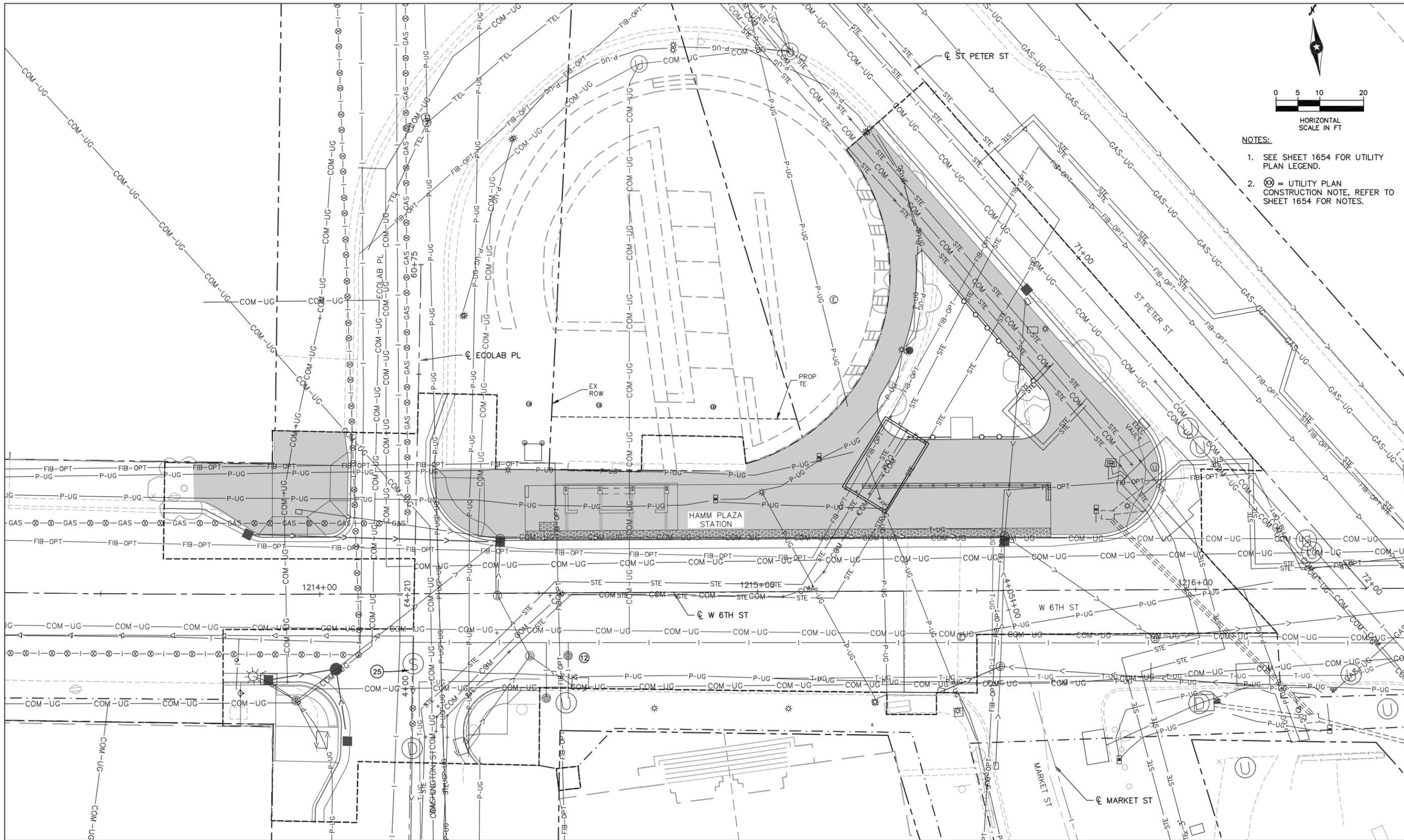
CERTIFIED BY *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN
 6TH STREET & MINNESOTA STREET STATION

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

DT260 OF DT300

EXHIBIT B



- NOTES:**
1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 2. ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

Nov. 18 2021 09:34 am C:\Users\rdonovan\appdata\local\temp\AePublish_50932\SEG1-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH



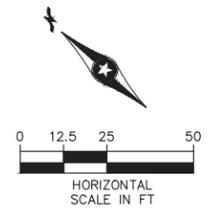
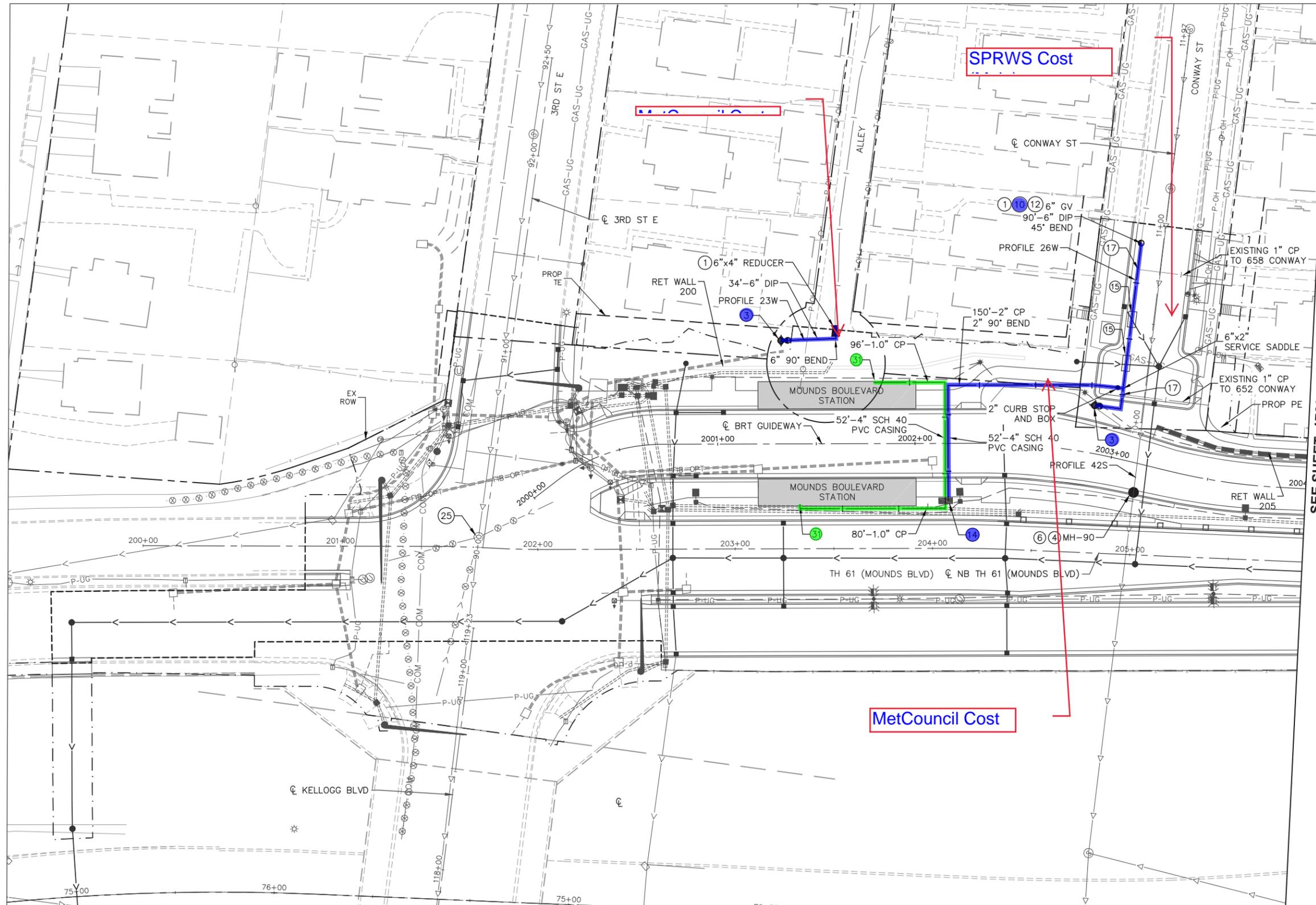
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY: *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

**UTILITY PLAN
 HAMM PLAZA STATION**

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694) DT289 OF DT300

EXHIBIT B



NOTES:

- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
- ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

PROFILE REFERENCE

PROFILE 23W - SEE SHEET 1850
 PROFILE 26W - SEE SHEET 1850
 PROFILE 42S - SEE SHEET 1862

SEE SHEET 1760

Sep. 23 2021 07:47 am C:\cadd\dlb\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

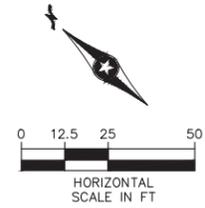
METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 CERTIFIED BY *Corey Bergman*
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

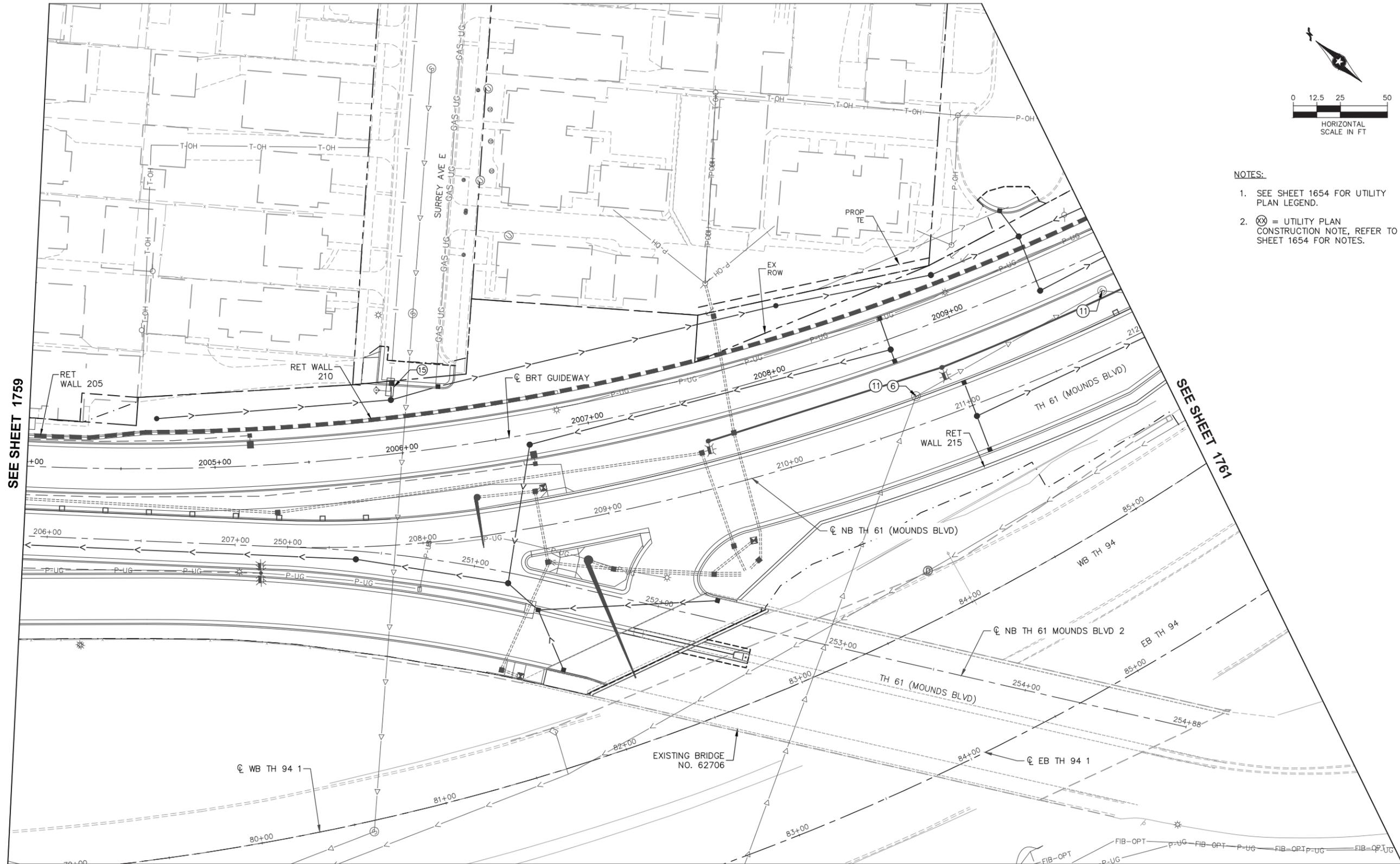
STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

EXHIBIT B



NOTES:

1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
2. (⊗) = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.



SEE SHEET 1759

SEE SHEET 1761

Sep. 23 2021 07:48 am C:\cadd\lib\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

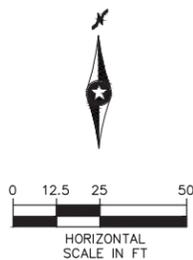
CERTIFIED BY: *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1760 OF 2649

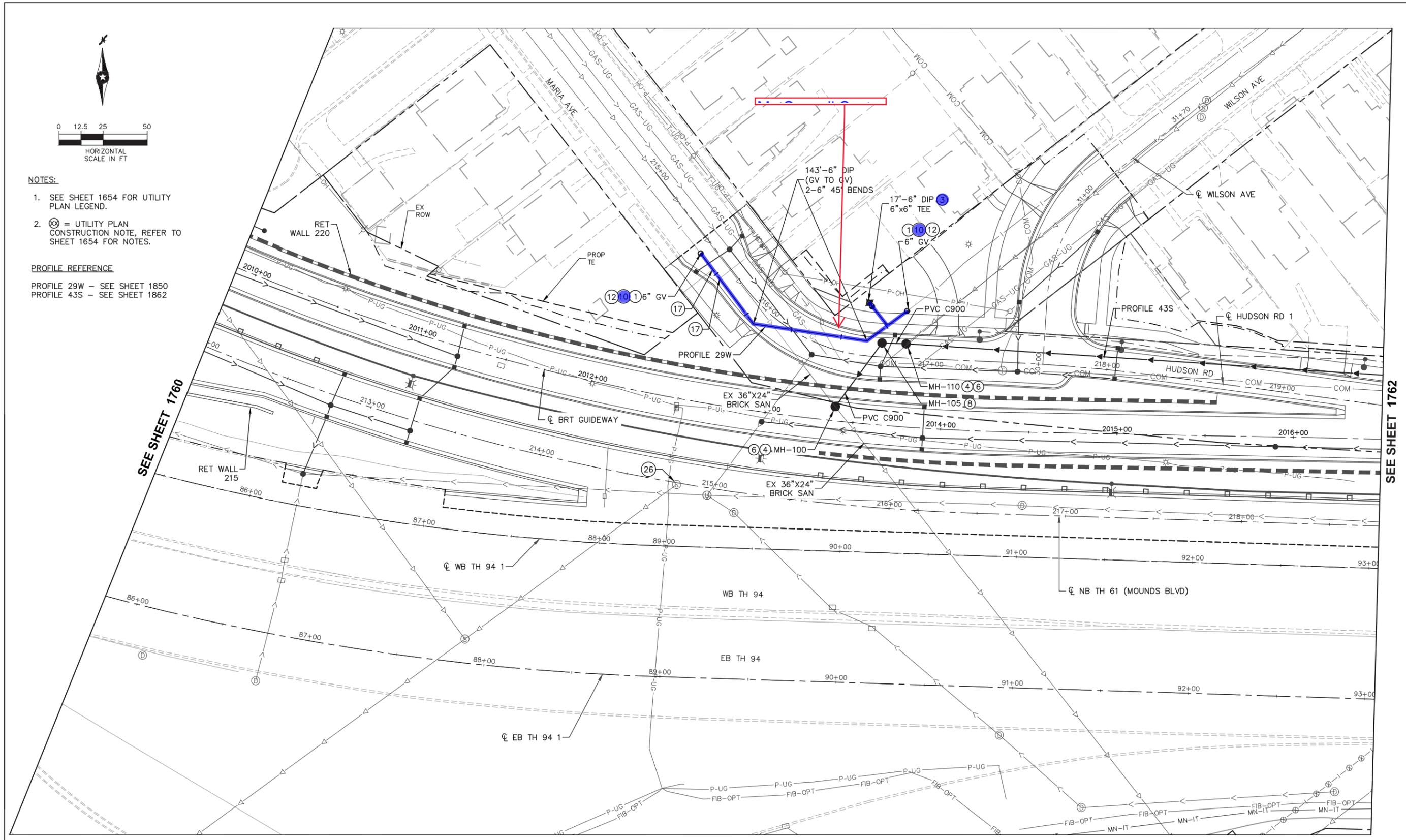
EXHIBIT B



- NOTES:**
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

PROFILE REFERENCE

PROFILE 29W - SEE SHEET 1850
 PROFILE 43S - SEE SHEET 1862



SEE SHEET 1760

SEE SHEET 1762

Nov. 15. 2021 10:23 am C:\cadd\itb\pw\gic\3d\0218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

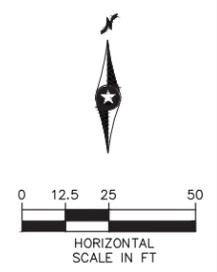
1761 OF 2649

EXHIBIT B

THIS SHEET CONTAINS SUPPLEMENTAL FUNDING AGREEMENT (SFA) SCOPE OF WORK REFERENCED ON THE STATEMENT OF ESTIMATED QUANTITIES (SEQ) - SHEETS 23-32. REFER TO EXHIBITS LOCATED WITHIN THE PROJECT MANUAL APPENDIX DEPICTING LIMITS OF WORK AND BID ITEMS TO BE QUANTIFIED SEPARATELY.

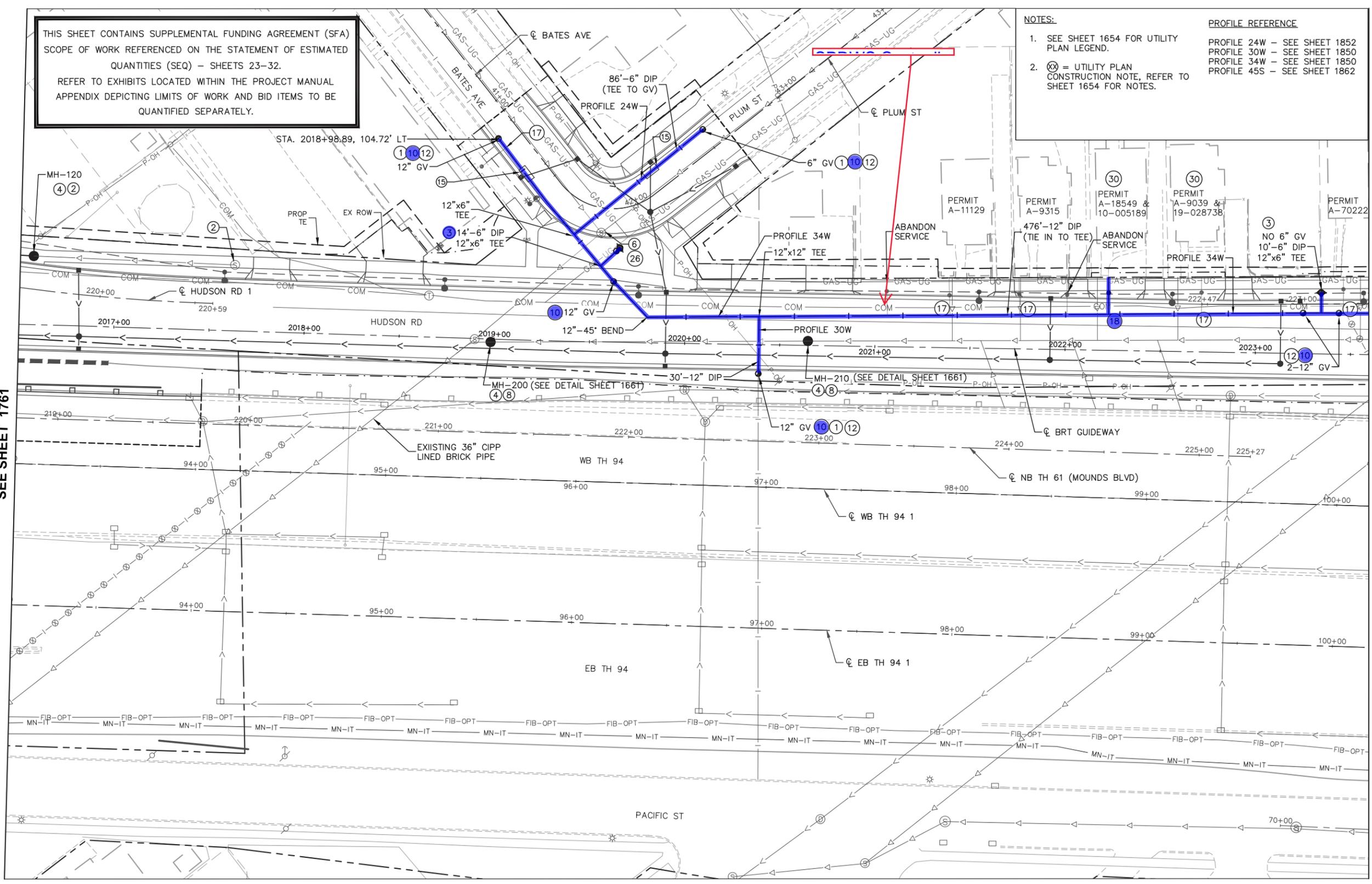
NOTES:
 1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 2. (X) = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

PROFILE REFERENCE
 PROFILE 24W - SEE SHEET 1852
 PROFILE 30W - SEE SHEET 1850
 PROFILE 34W - SEE SHEET 1850
 PROFILE 45S - SEE SHEET 1862



SEE SHEET 1761

SEE SHEET 1763



Nov. 15 2021 10:25 am C:\cadd\lib\pw\gic\3d\0218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley Horn

METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1762 OF 2649

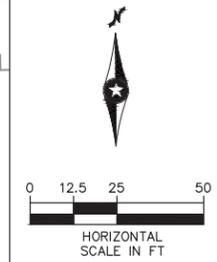
EXHIBIT B

NOTES:

- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
- ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

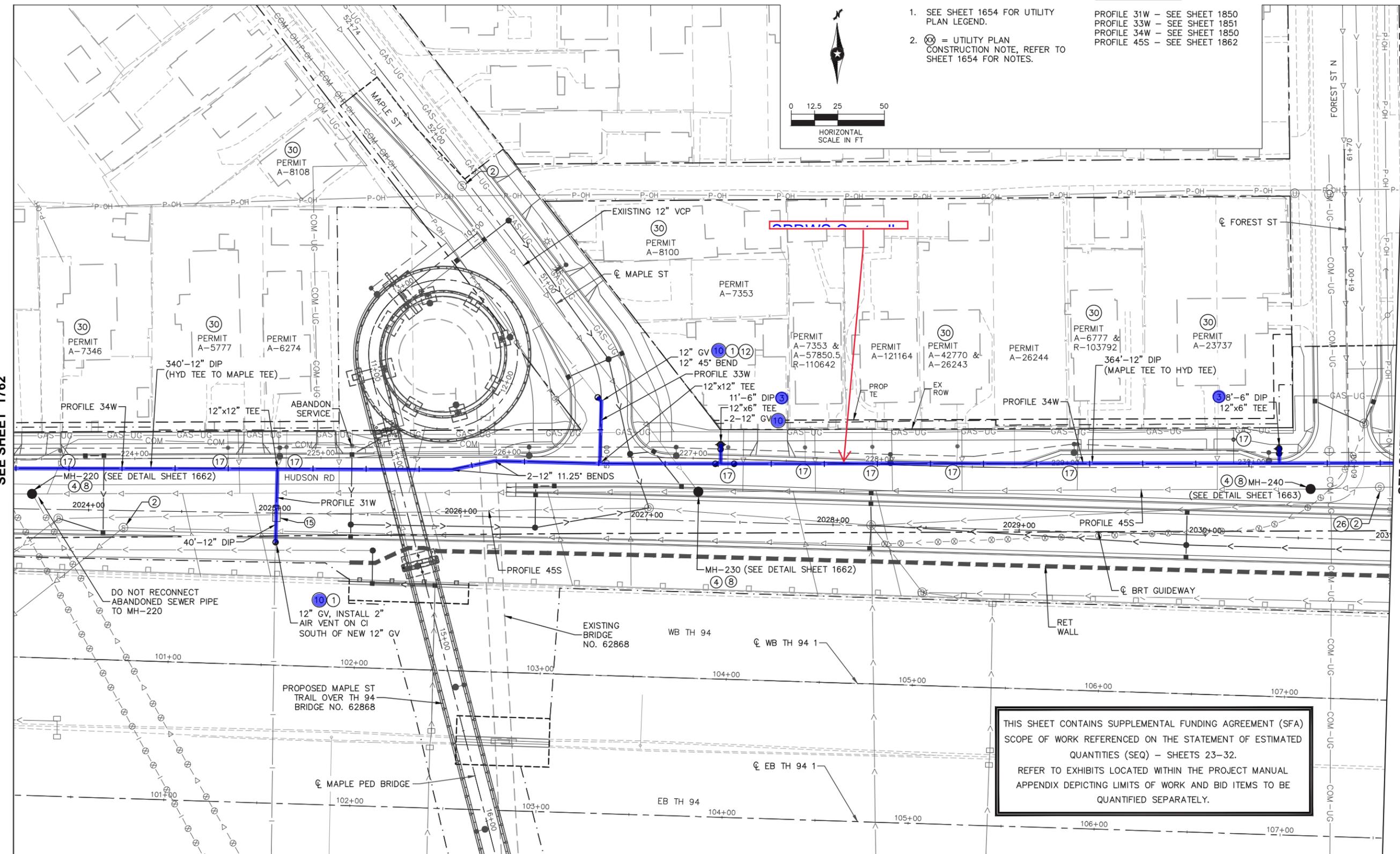
PROFILE REFERENCE

- PROFILE 31W - SEE SHEET 1850
- PROFILE 33W - SEE SHEET 1851
- PROFILE 34W - SEE SHEET 1850
- PROFILE 45S - SEE SHEET 1862



SEE SHEET 1762

SEE SHEET 1765



THIS SHEET CONTAINS SUPPLEMENTAL FUNDING AGREEMENT (SFA) SCOPE OF WORK REFERENCED ON THE STATEMENT OF ESTIMATED QUANTITIES (SEQ) - SHEETS 23-32. REFER TO EXHIBITS LOCATED WITHIN THE PROJECT MANUAL APPENDIX DEPICTING LIMITS OF WORK AND BID ITEMS TO BE QUANTIFIED SEPARATELY.

SEE SHEET 1764

Nov. 22 2021 03:17 pm C:\cadd\lib\pw\gic3d\0218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley Horn

METRO Gold Line

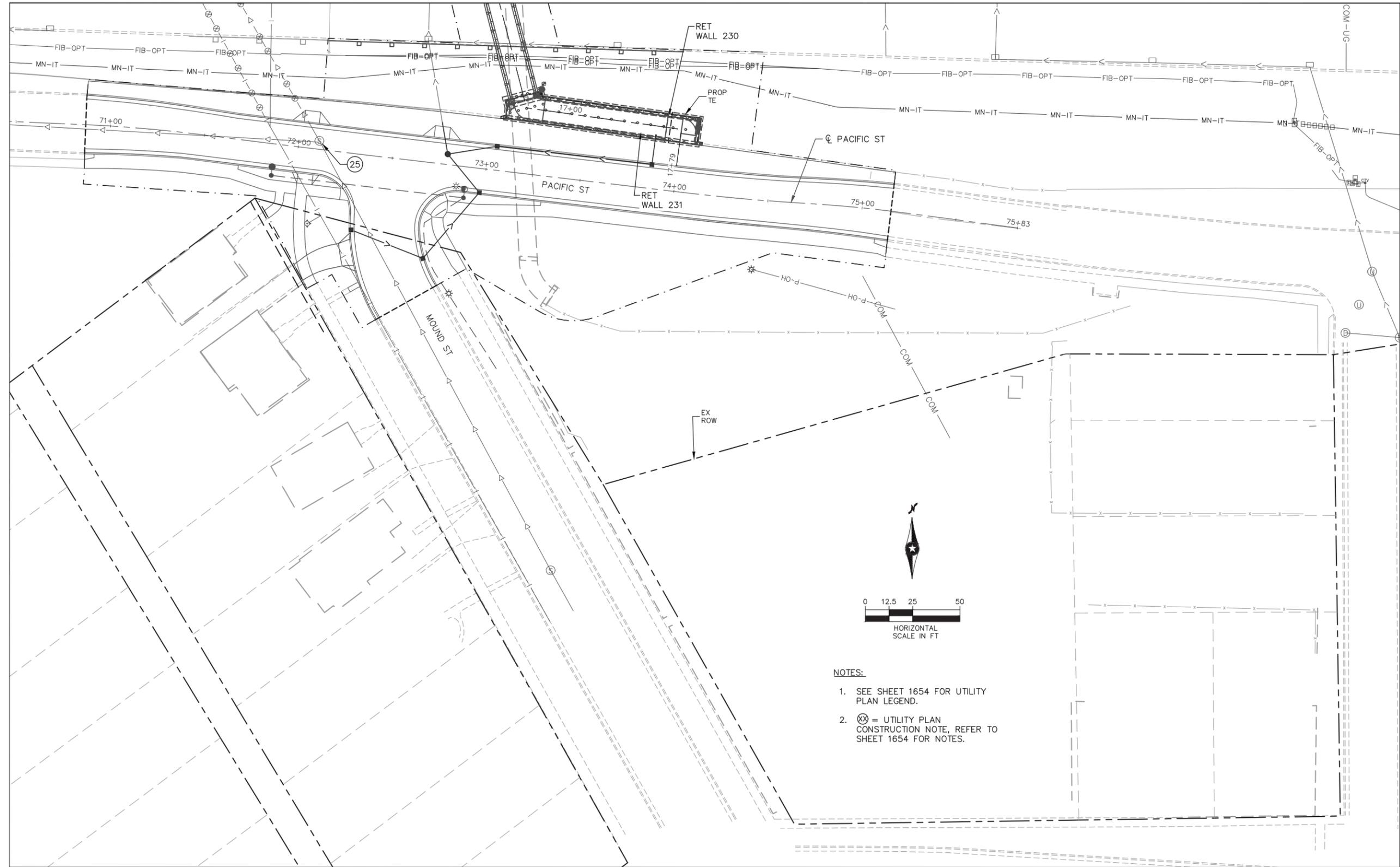
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 CERTIFIED BY:
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

EXHIBIT B

SEE SHEET 1763



NOTES:

1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
2. ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

Nov. 10 2021 04:17 pm C:\Users\rdonovan\appdata\local\temp\AcPublish_300668\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1764 OF 2649

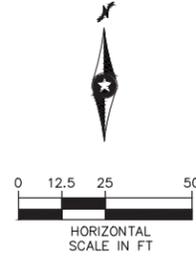
EXHIBIT B

NOTES:

1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
2. (X) = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

PROFILE REFERENCE

PROFILE 34W - SEE SHEET 1851
 PROFILE 46S - SEE SHEET 1863



THIS SHEET CONTAINS SUPPLEMENTAL FUNDING AGREEMENT (SFA) SCOPE OF WORK REFERENCED ON THE STATEMENT OF ESTIMATED QUANTITIES (SEQ) - SHEETS 23-32. REFER TO EXHIBITS LOCATED WITHIN THE PROJECT MANUAL APPENDIX DEPICTING LIMITS OF WORK AND BID ITEMS TO BE QUANTIFIED SEPARATELY.

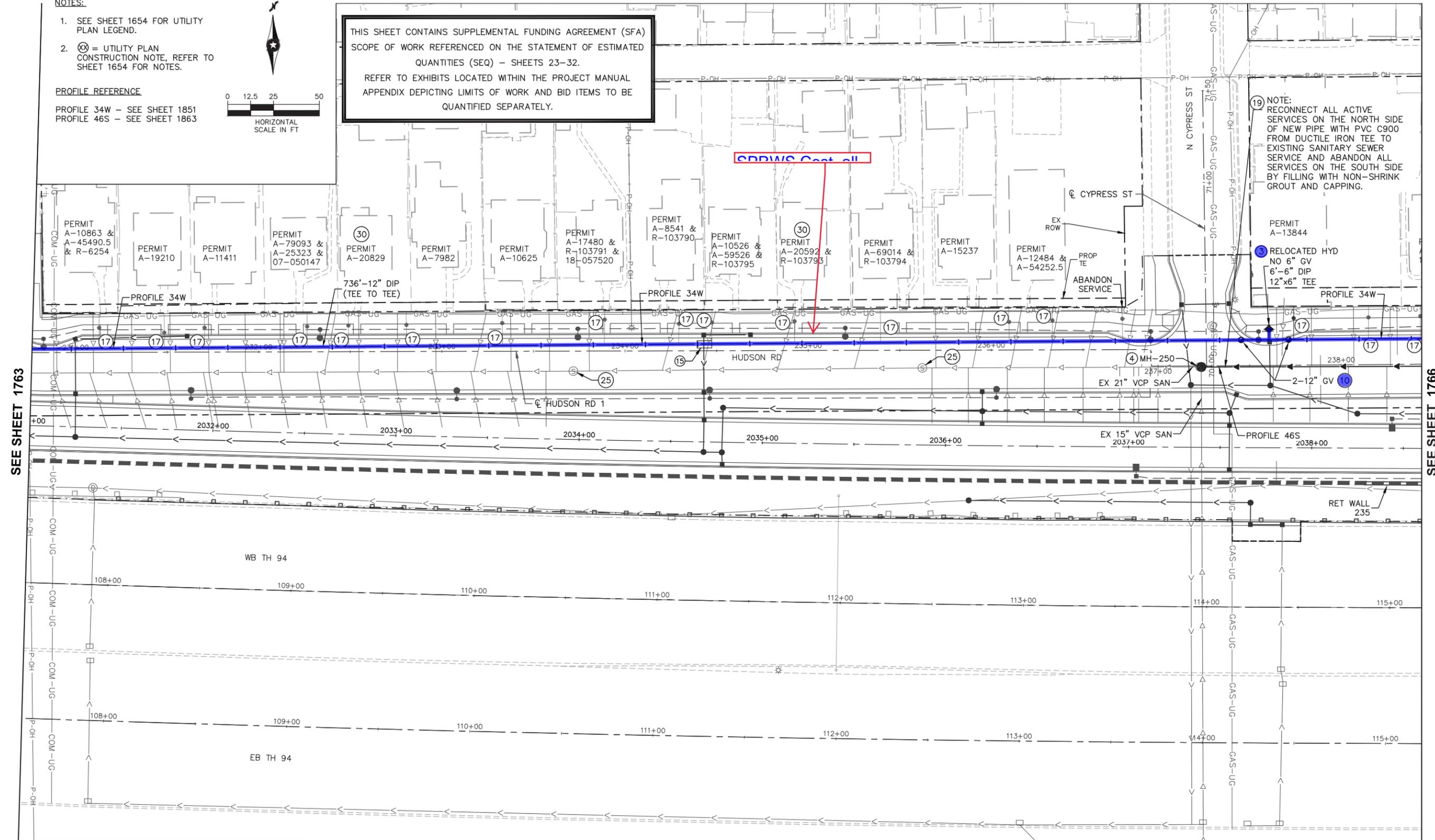
NOTE: RECONNECT ALL ACTIVE SERVICES ON THE NORTH SIDE OF NEW PIPE WITH PVC C900 FROM DUCTILE IRON TEE TO EXISTING SANITARY SEWER SERVICE AND ABANDON ALL SERVICES ON THE SOUTH SIDE BY FILLING WITH NON-SHRINK GROUT AND CAPPING.

PERMIT A-13844
 RELOCATED HYD NO 6" GV 6'-6" DIP 12"x6" TEE

ADDING Gas all

SEE SHEET 1763

SEE SHEET 1766



Nov. 10 2021 04:46 pm C:\caddlib\pw\gic3d\0218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley Horn

METRO Gold Line

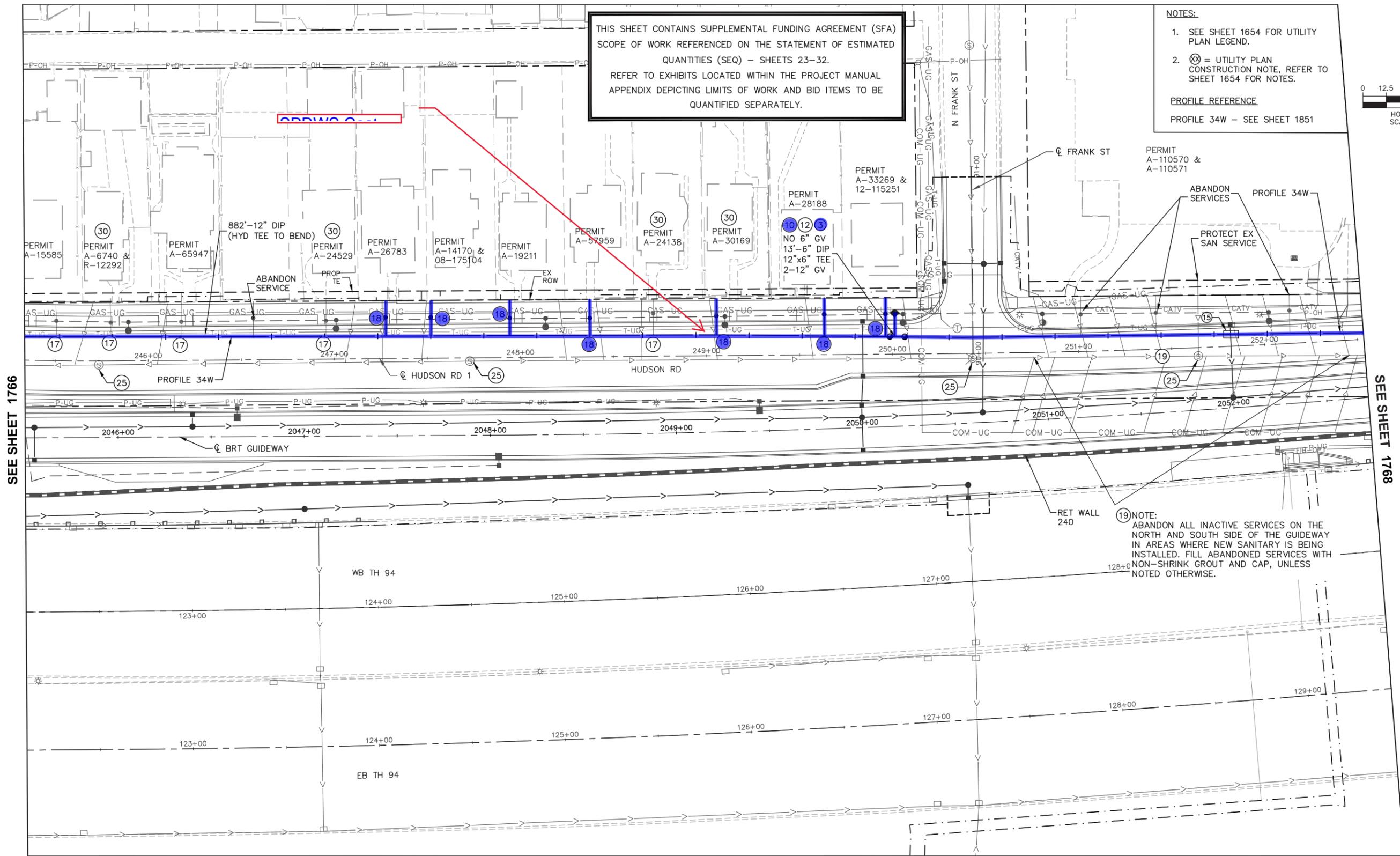
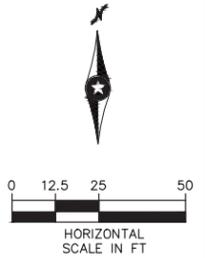
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN
 STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)
 1765 OF 2649

EXHIBIT B

THIS SHEET CONTAINS SUPPLEMENTAL FUNDING AGREEMENT (SFA) SCOPE OF WORK REFERENCED ON THE STATEMENT OF ESTIMATED QUANTITIES (SEQ) - SHEETS 23-32. REFER TO EXHIBITS LOCATED WITHIN THE PROJECT MANUAL APPENDIX DEPICTING LIMITS OF WORK AND BID ITEMS TO BE QUANTIFIED SEPARATELY.

NOTES:
 1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 2. (X) = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.
PROFILE REFERENCE
 PROFILE 34W - SEE SHEET 1851



SEE SHEET 1766

SEE SHEET 1768

Nov. 15 2021 11:00 am C:\caddlib\pw\glic3d\0218635\SEG2-UTL-PLN.dwg By: rdanovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

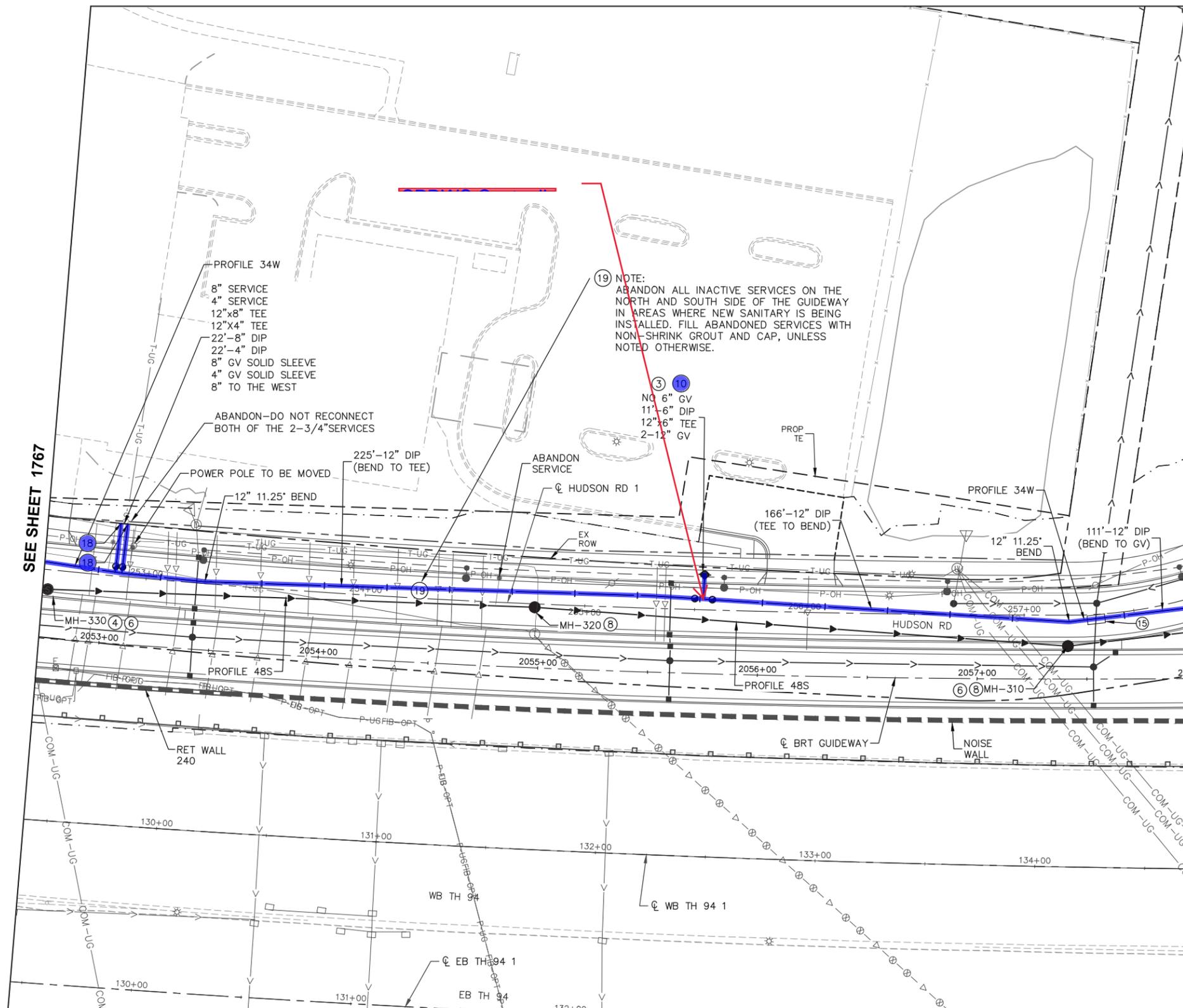
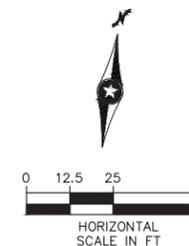
Kimley»Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 CERTIFIED BY:
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN
 STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)
 1767 OF 2649

EXHIBIT B

SEE SHEET 1769



NOTES:

- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
- ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

PROFILE REFERENCE

PROFILE 34W - SEE SHEET 1851
 PROFILE 48S - SEE SHEET 1862

Nov. 10 2021 04:20 pm C:\Users\rdonovan\appdata\local\temp\AePublish_300668\SEG2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY: *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

EXHIBIT B

NOTES:

- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
- ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

HORIZONTAL SCALE IN FT



SEE SHEET 1768

SEE SHEET 1770

Sep. 23 2021 07:54 am C:\cadd\lib\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

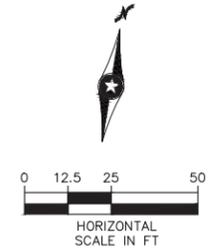
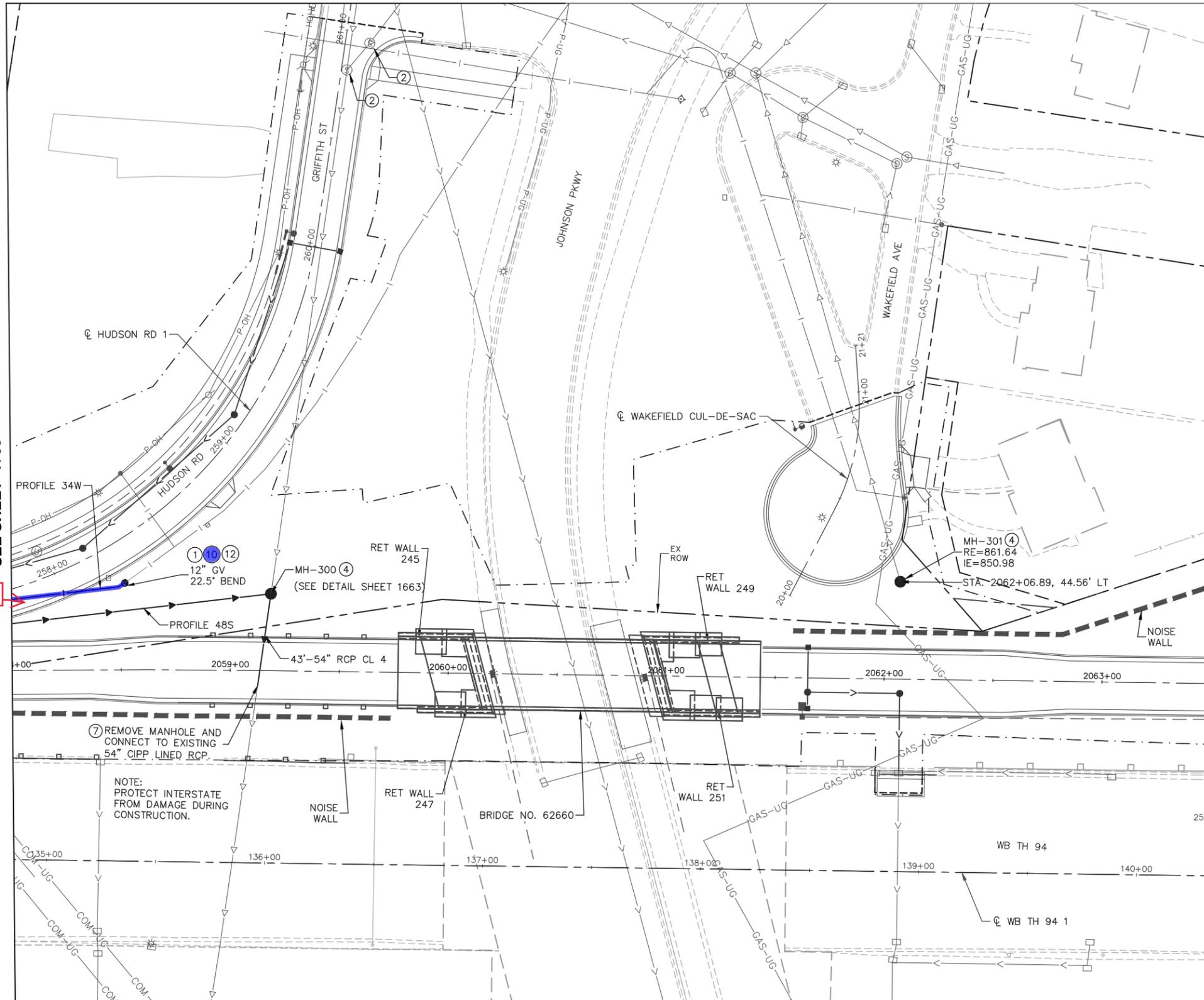
UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1769 OF 2649

EXHIBIT B

SEE SHEET 1769



NOTES:

- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
- ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

PROFILE REFERENCE

PROFILE 34W - SEE SHEET 1851
 PROFILE 48S - SEE SHEET 1862

SEE SHEET 1768

SEE SHEET 1771

SPRWS Cost

⑦ REMOVE MANHOLE AND CONNECT TO EXISTING 54" CIPP LINED RCP.

NOTE: PROTECT INTERSTATE FROM DAMAGE DURING CONSTRUCTION.

Sep. 23 2021 07:54 am C:\cadd\dlb\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

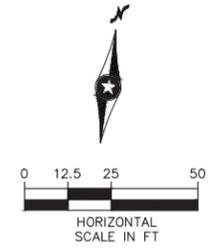
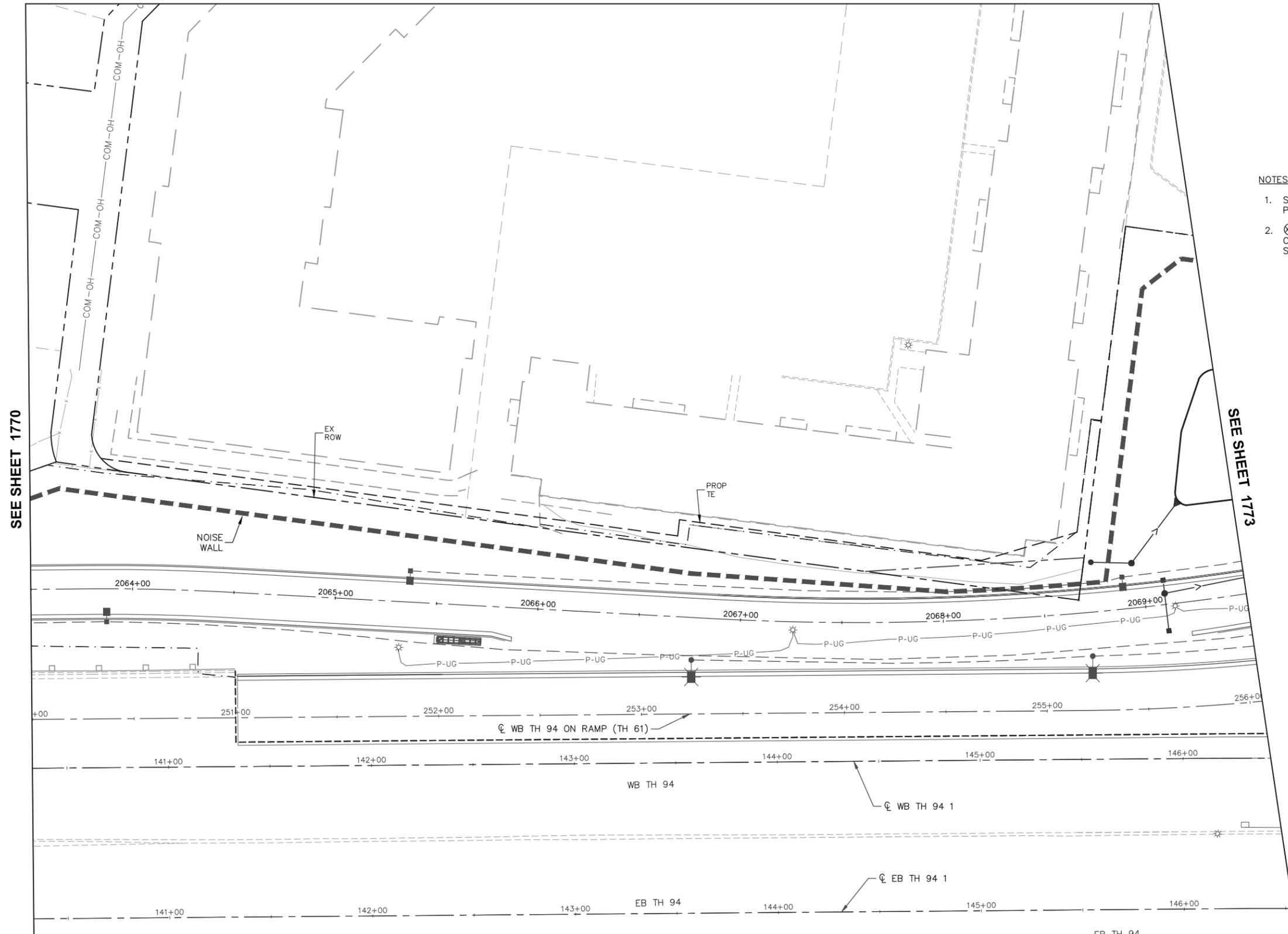
CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

EXHIBIT B

SEE SHEET 1772



NOTES:

1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
2. ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1770

SEE SHEET 1773

Sep. 23 2021 07:55 am C:\cadd\dlb\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

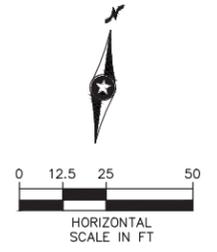
CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1771 OF 2649

EXHIBIT B



- NOTES:**
1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 2. (X) = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

(30) PERMIT A-90464 (30) PERMIT A-90468

(30) PERMIT A-91931

SEE SHEET 1774

SEE SHEET 1771

Nov. 22 2021 03:44 pm C:\cadd\lib\dw\gic3d\0218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY: *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

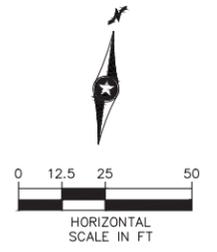
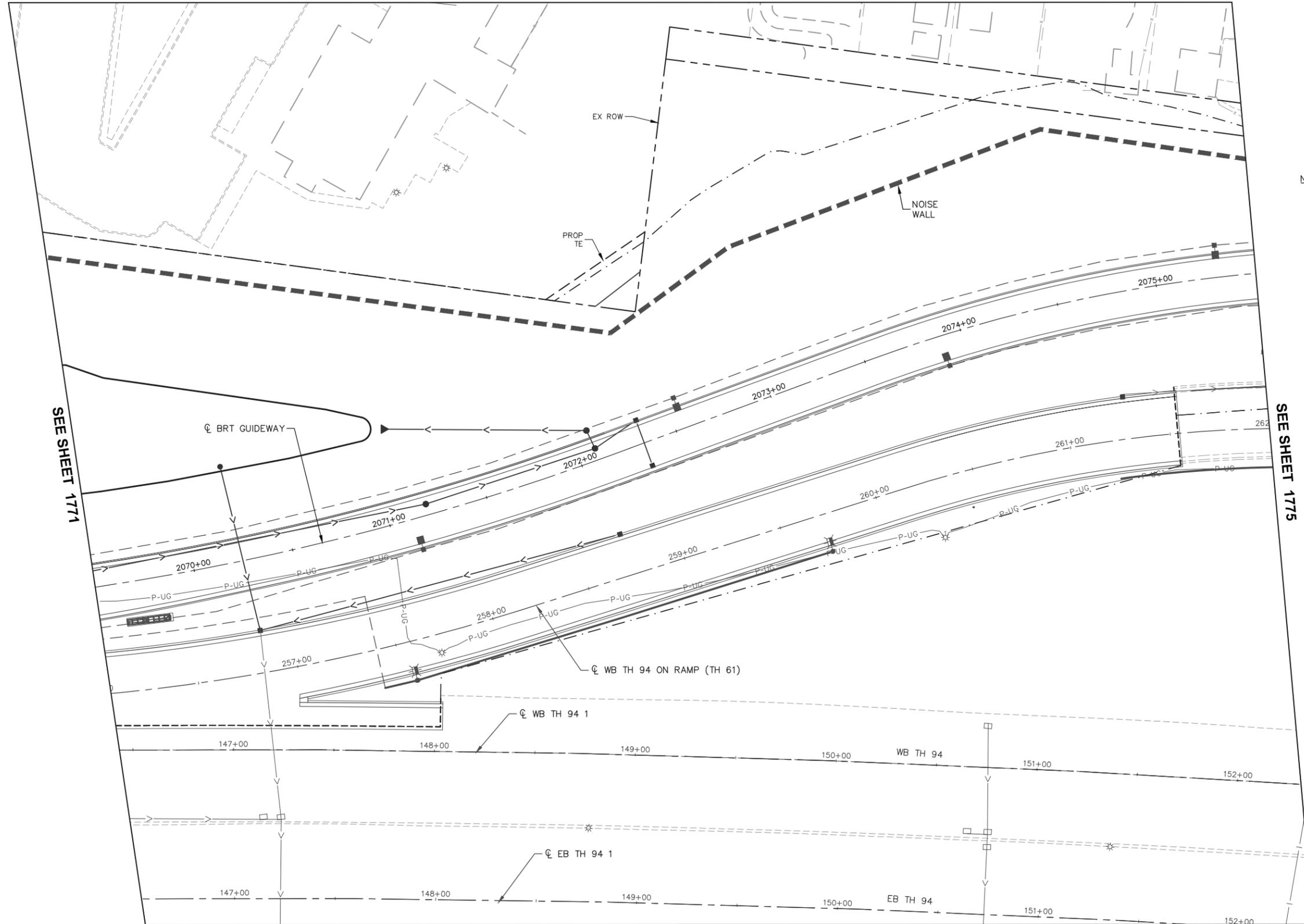
UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1772 OF 2649

EXHIBIT B

SEE SHEET 1774



- NOTES:**
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1771

SEE SHEET 1775

Sep. 23 2021 07:56 am C:\cadd\lib\pw\gic3d\00218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

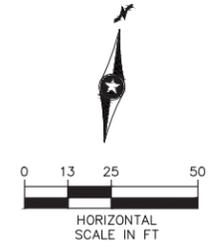
CERTIFIED BY *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1773 OF 2649

EXHIBIT B



NOTES:

1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
2. ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1772

SEE SHEET 1775



SEE SHEET 1773

Sep. 23 2021 07:57 am C:\cadd\dlb\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn **METRO Gold Line**
 

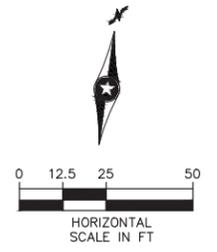
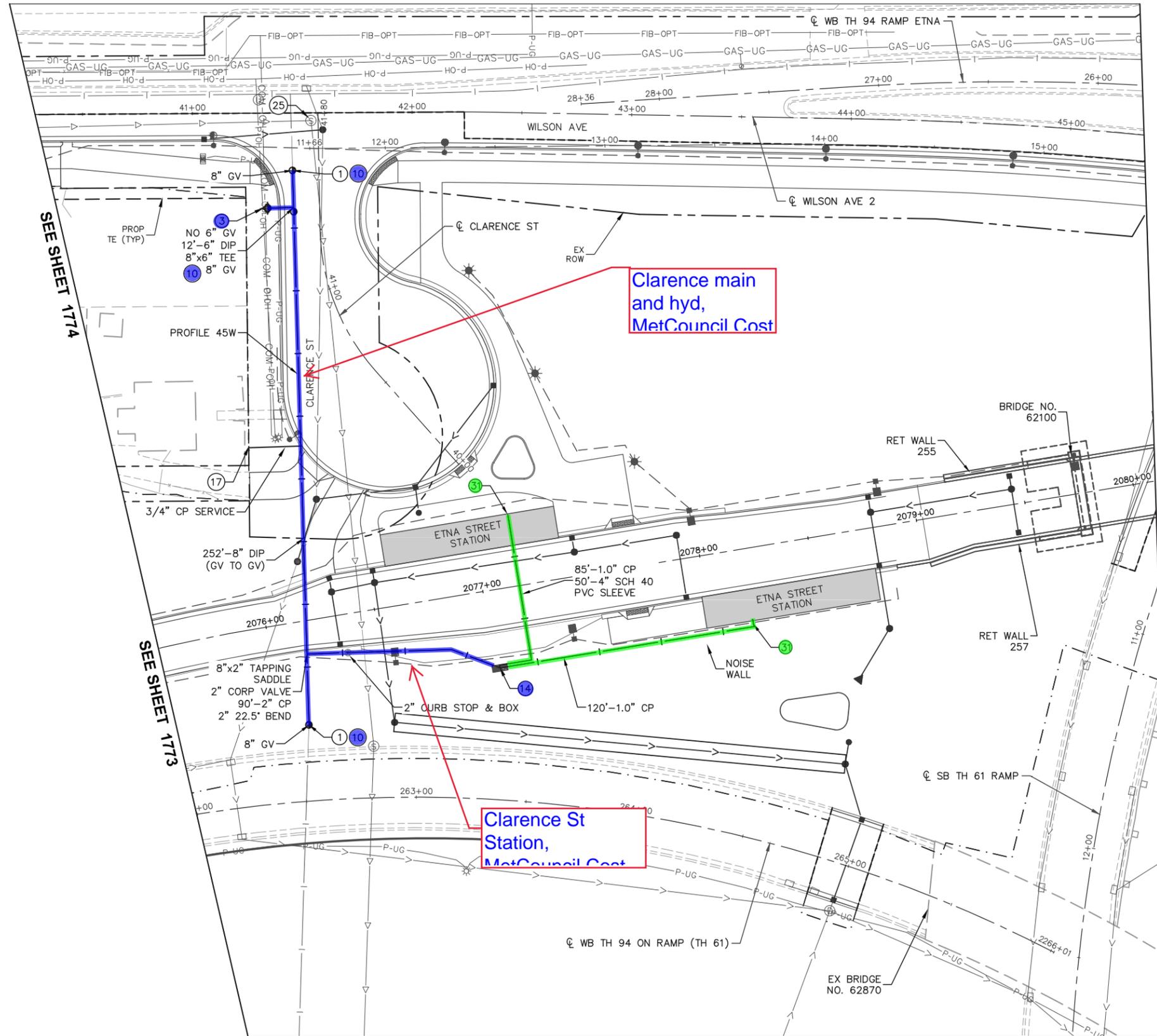
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY 
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

EXHIBIT B



- NOTES:**
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.
- PROFILE REFERENCE**
 PROFILE 45W - SEE SHEET 1853

SEE SHEET 1774

SEE SHEET 1773

SEE SHEET 1776

Nov. 30 2021 11:01 am C:\caddlib\pw\gic3d\0218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn
METRO Gold Line
Sambatek
METROPOLITAN COUNCIL

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY: *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

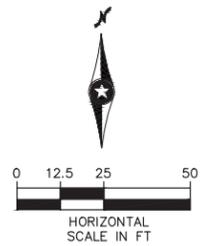
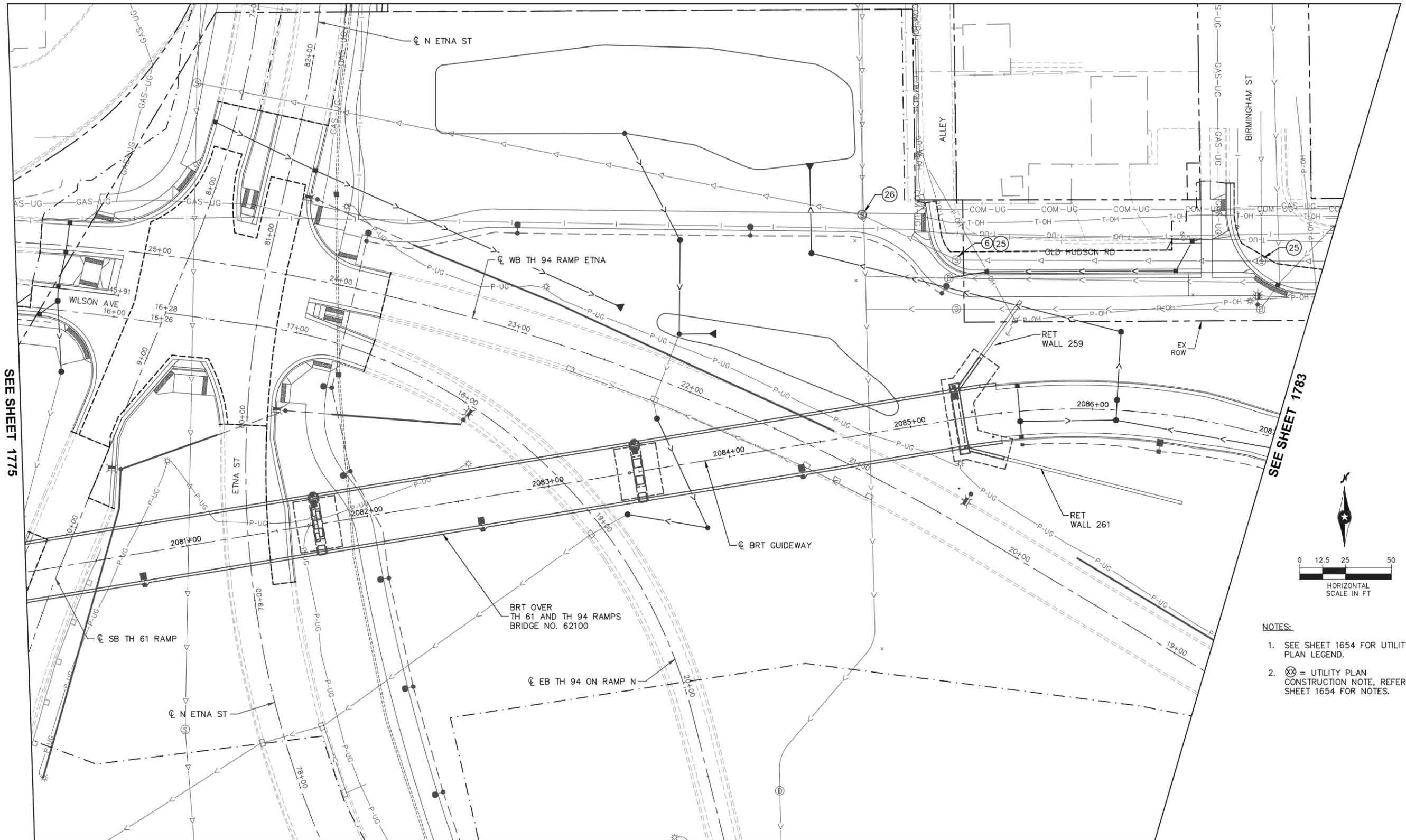
UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1775 OF 2649

EXHIBIT B

SEE SHEET 1778



- NOTES:
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1775

SEE SHEET 1783

SEE SHEET 1779

Nov. 30 2021 11:03 am C:\cadd\lib\pw\gic3d\0218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

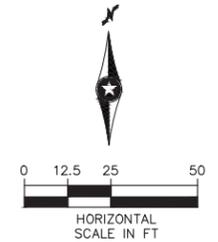
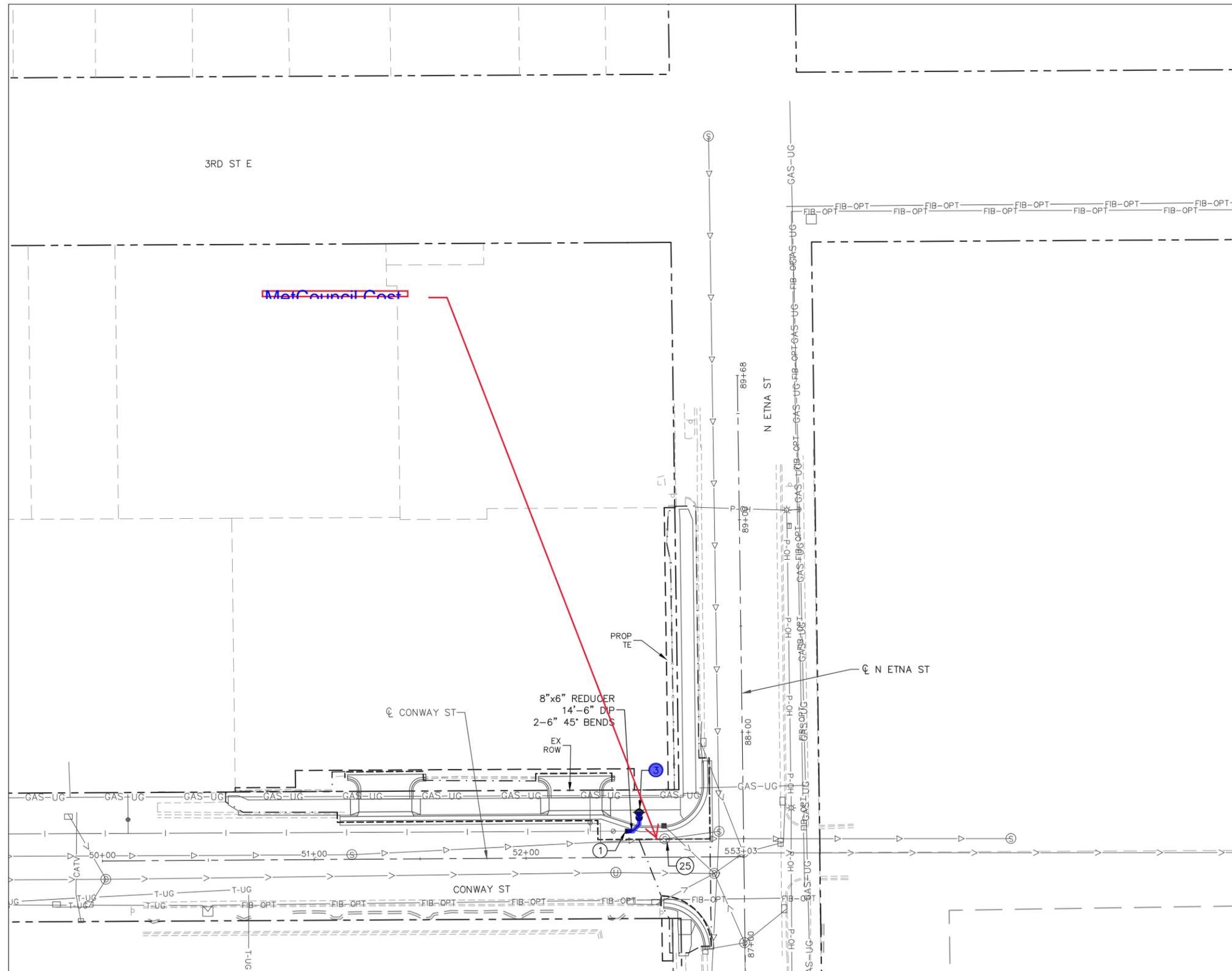
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

EXHIBIT B



- NOTES:**
1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 2. (⊗) = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1778

Sep. 23 2021 07:59 am C:\cadd\dlb\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY: *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

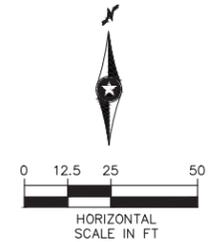
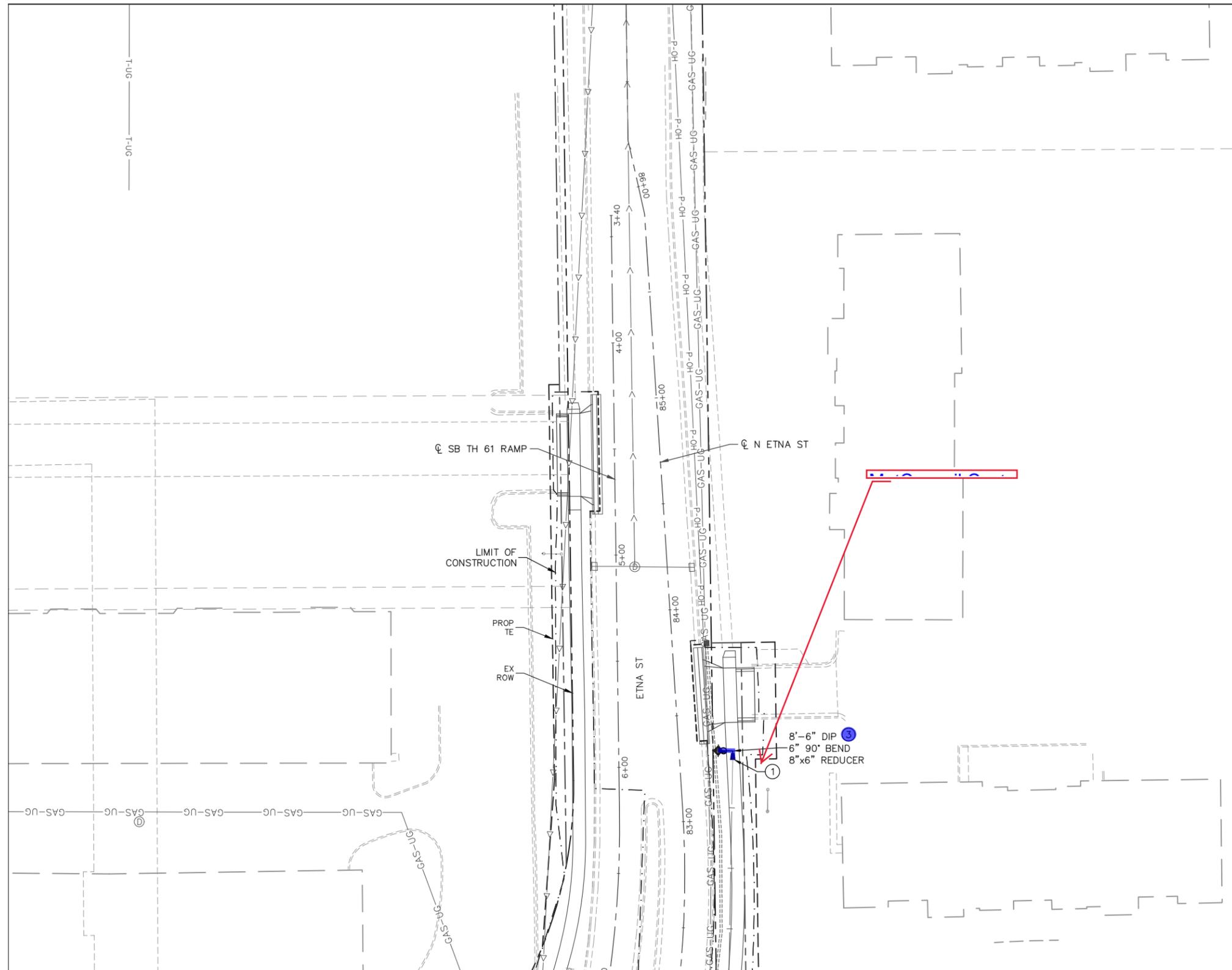
UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1777 OF 2649

EXHIBIT B

SEE SHEET 1777



- NOTES:
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1776

Sep. 23 2021 07:59 am C:\cadd\dlb\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

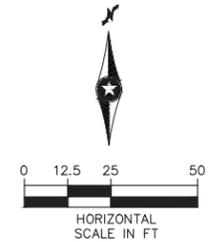
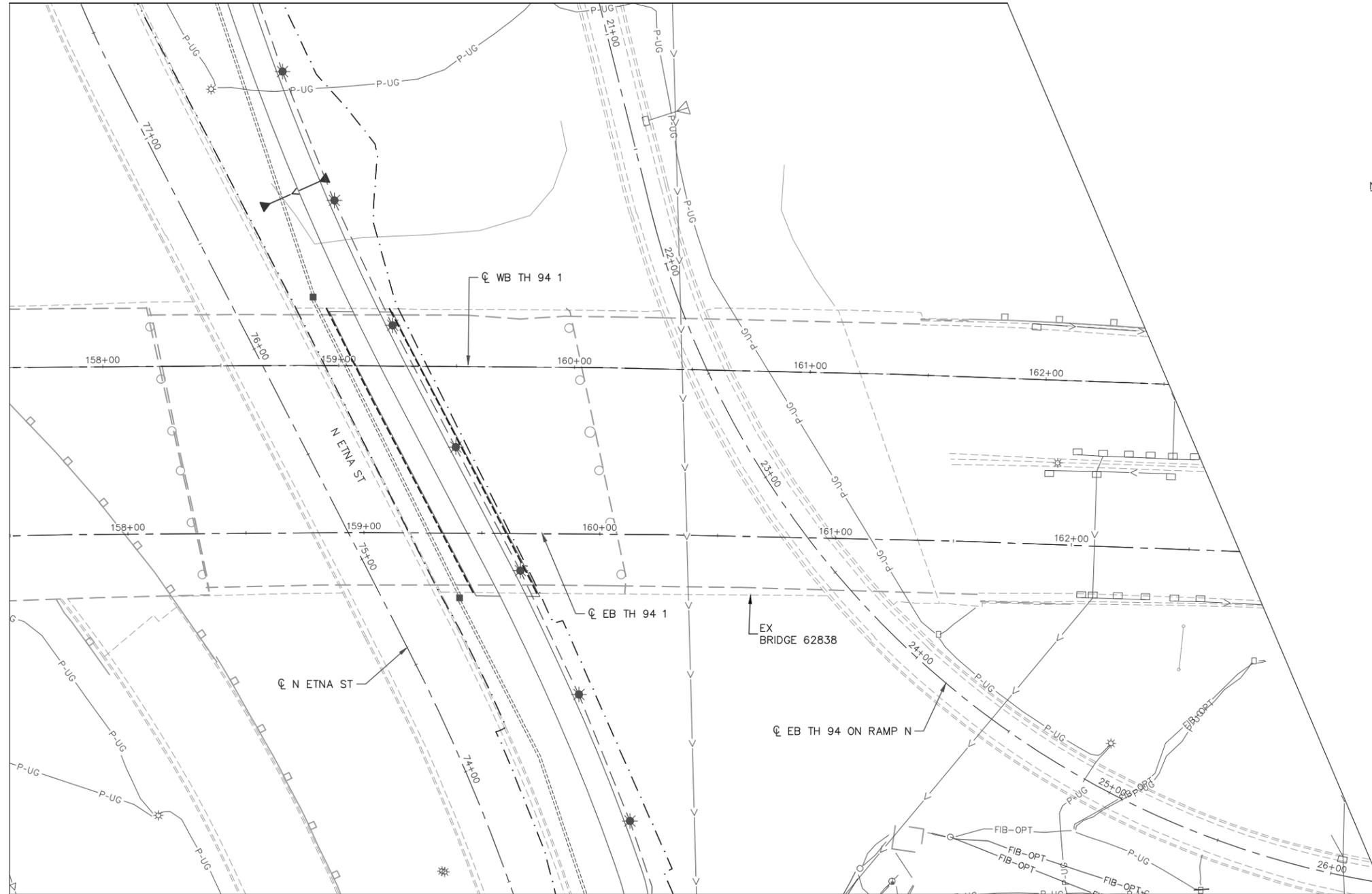
UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1778 OF 2649

EXHIBIT B

SEE SHEET 1776



- NOTES:
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ☒ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1780

Sep. 23 2021 08:00 am C:\cadd\dlb\pw\gic3d\00218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY: *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

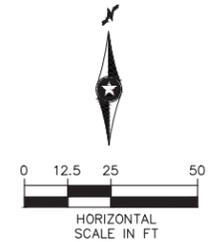
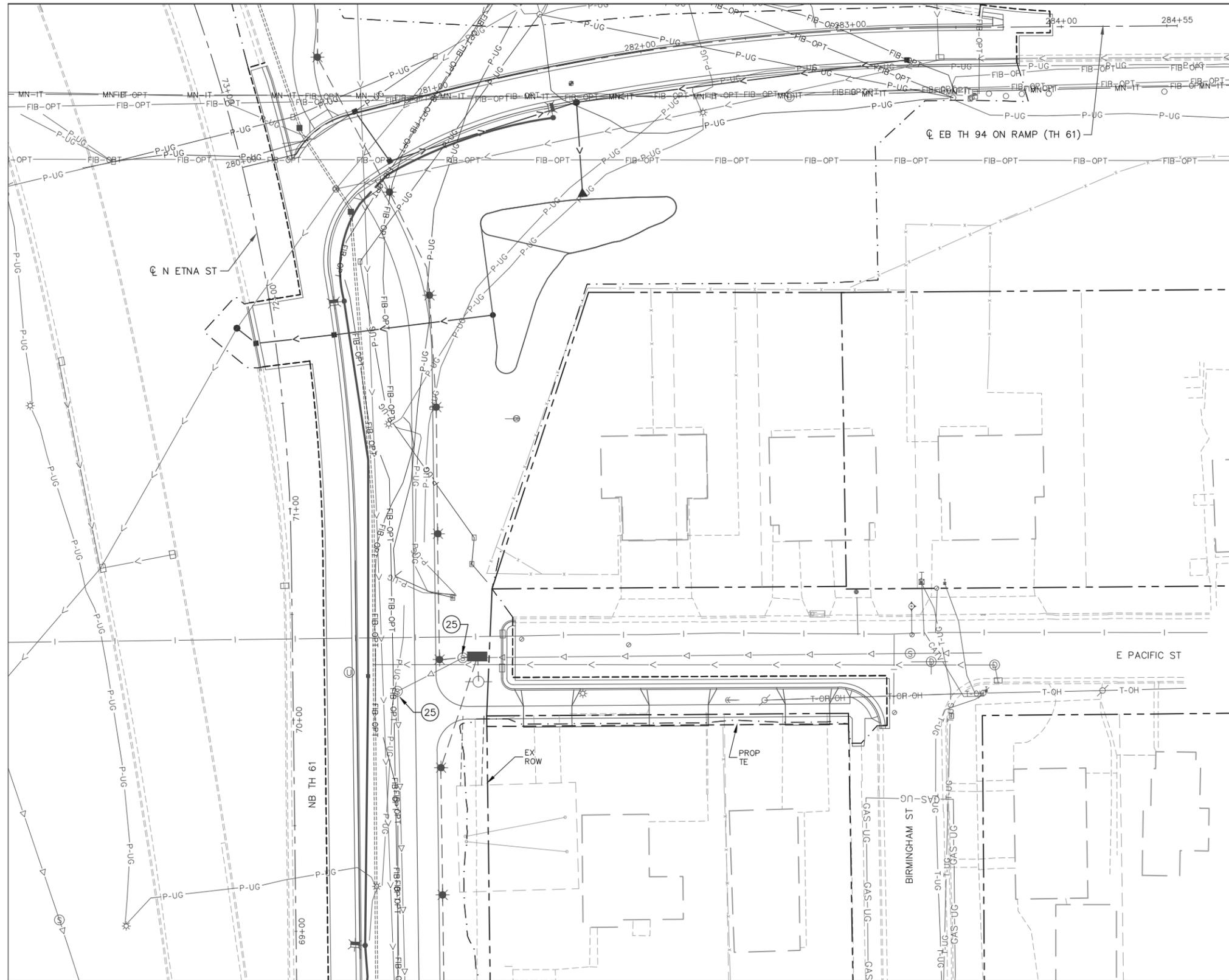
UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1779 OF 2649

EXHIBIT B

SEE SHEET 1779



- NOTES:
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1781

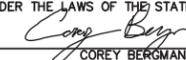
Sep. 23 2021 08:00 am C:\cadd\dlb\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn **METRO Gold Line**
 

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

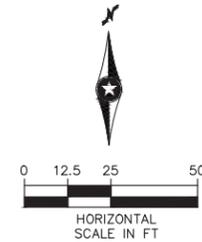
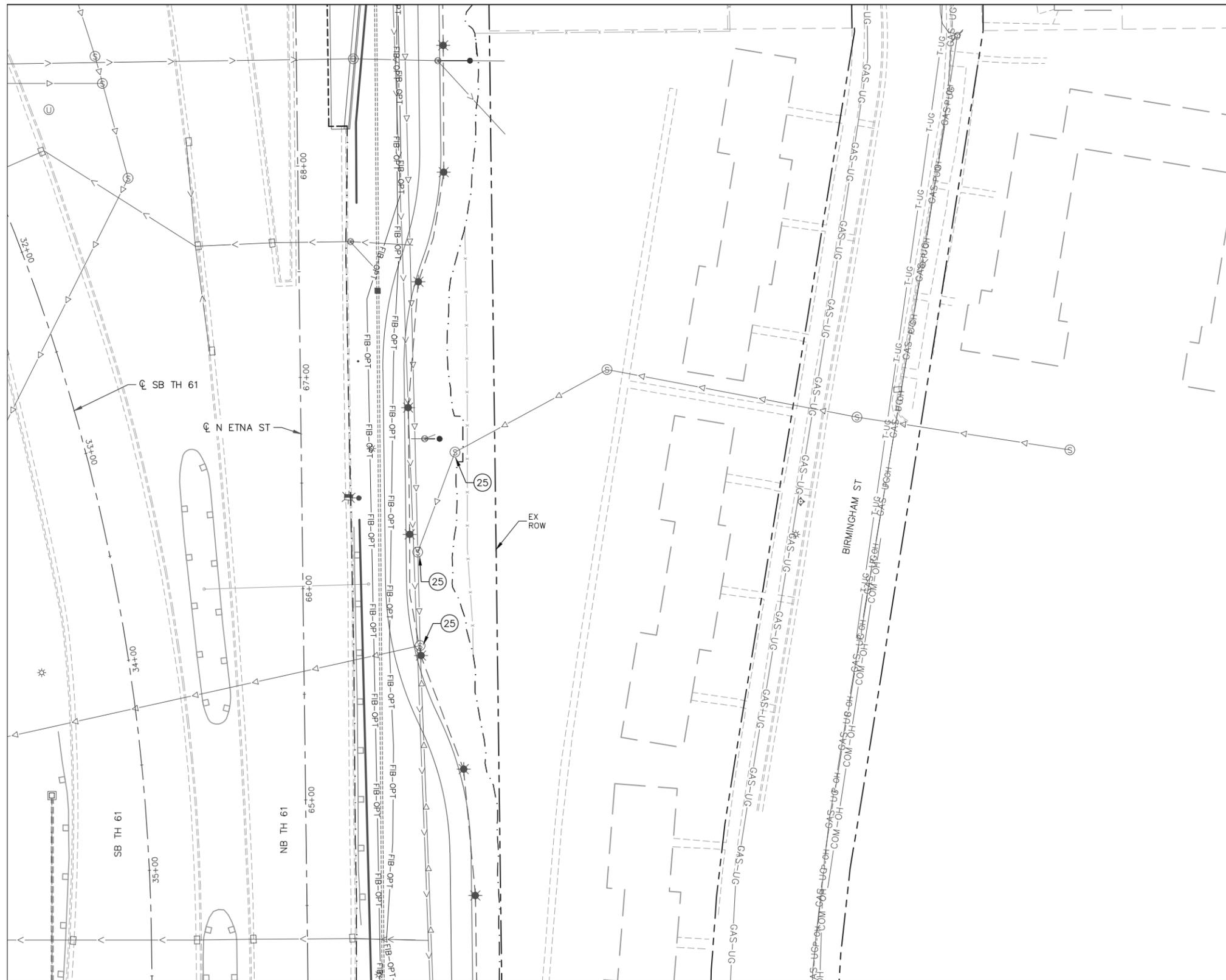
CERTIFIED BY 
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694) 1780 OF 2649

EXHIBIT B

SEE SHEET 1780



- NOTES:**
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1782

Sep. 23 2021 08:01 am C:\cadd\itb\pw\gic3d\40218635\SEG2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

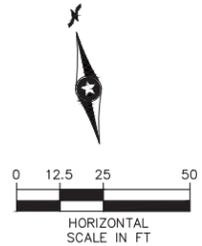
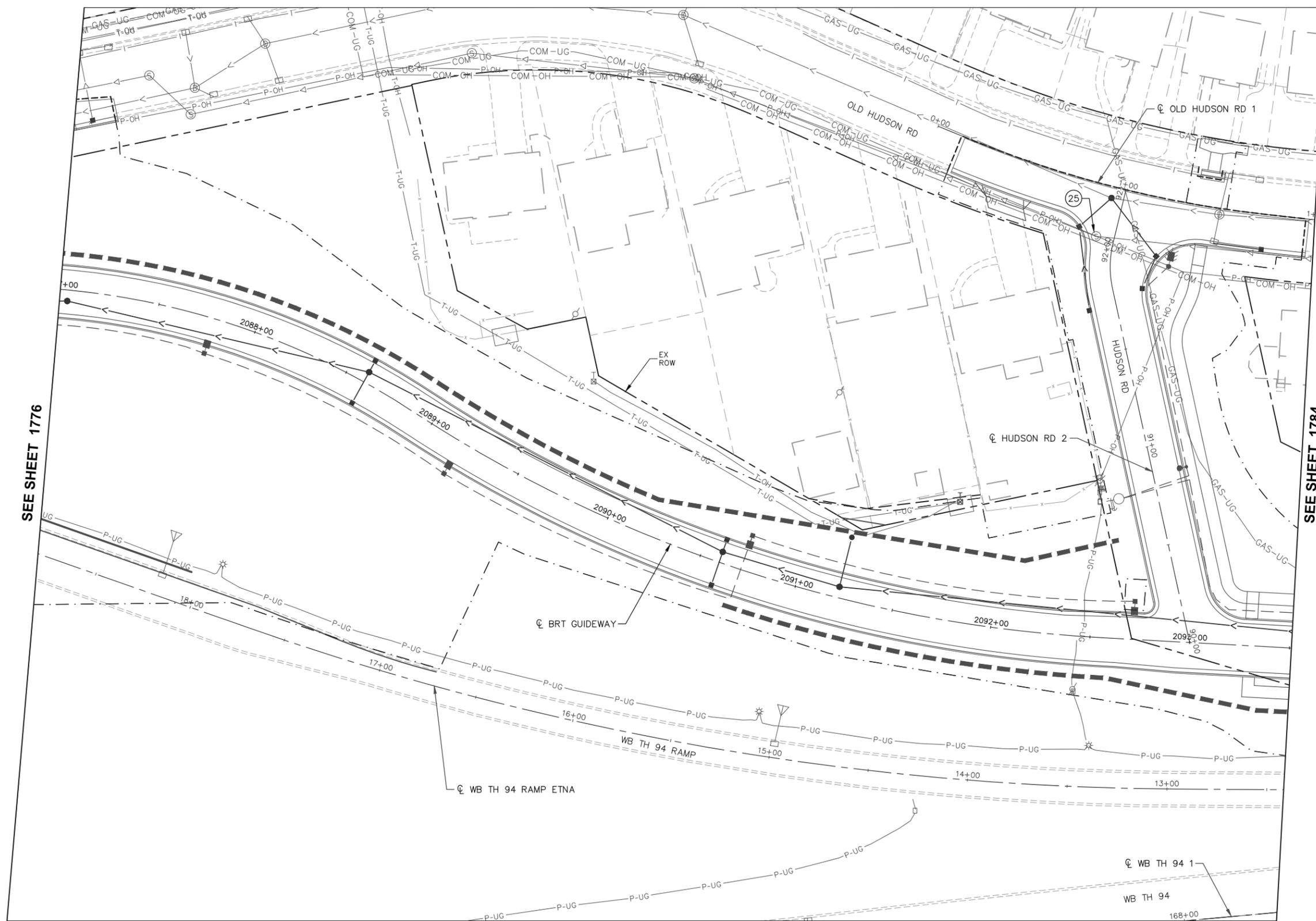
Kimley»Horn **METRO** **Gold Line**
Sambatek **METROPOLITAN**

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 CERTIFIED BY *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

EXHIBIT B



- NOTES:
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1776

SEE SHEET 1784

Sep. 23 2021 08:02 am C:\cadd\lib\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

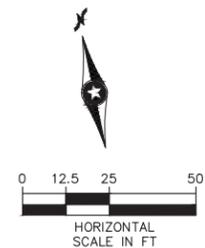
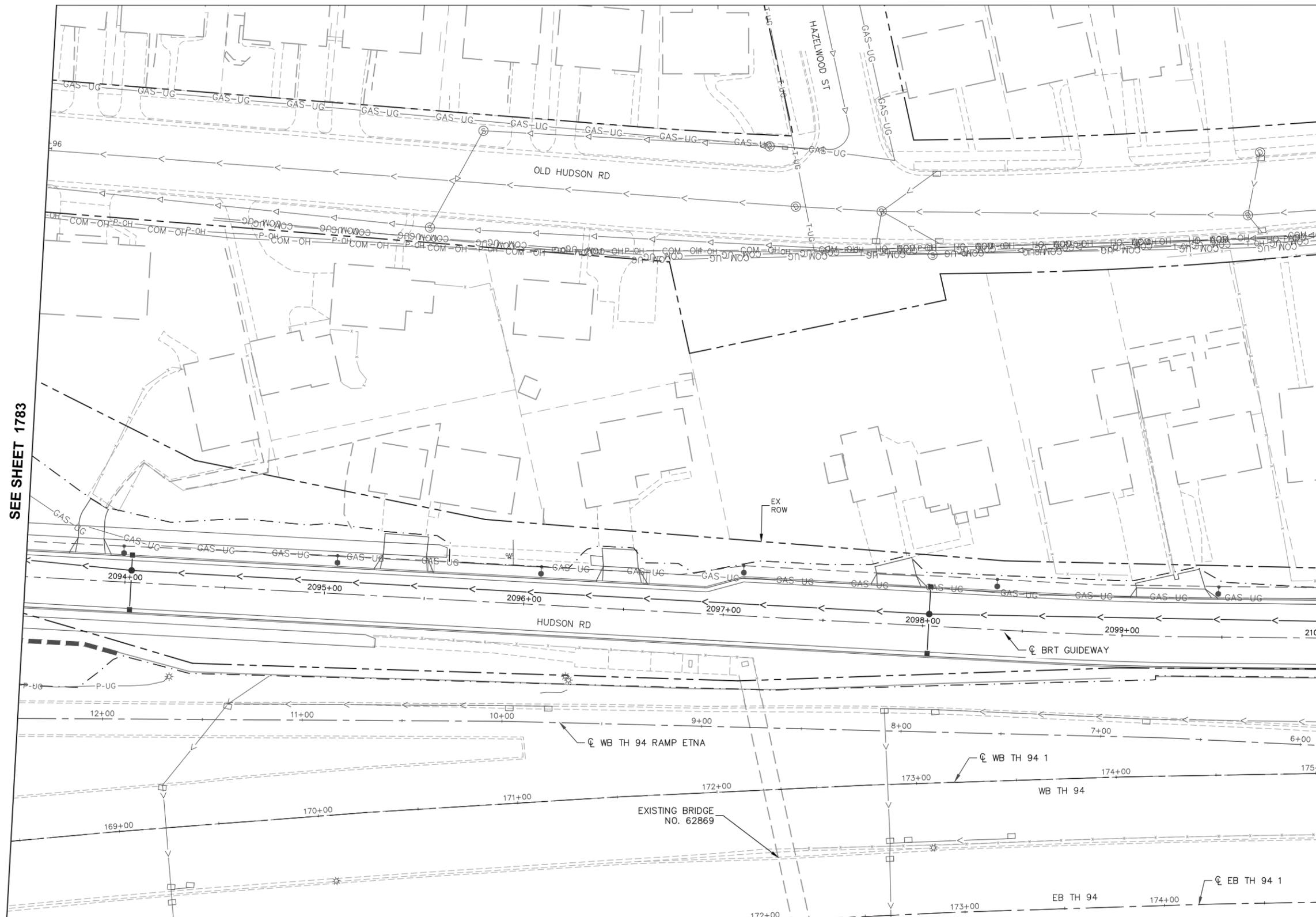
CERTIFIED BY
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1783 OF 2649

EXHIBIT B



- NOTES:
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1783

SEE SHEET 1785

Sep. 23 2021 08:03 am C:\cadd\dlb\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

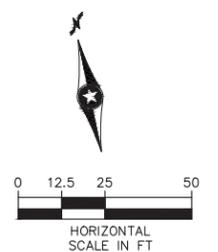
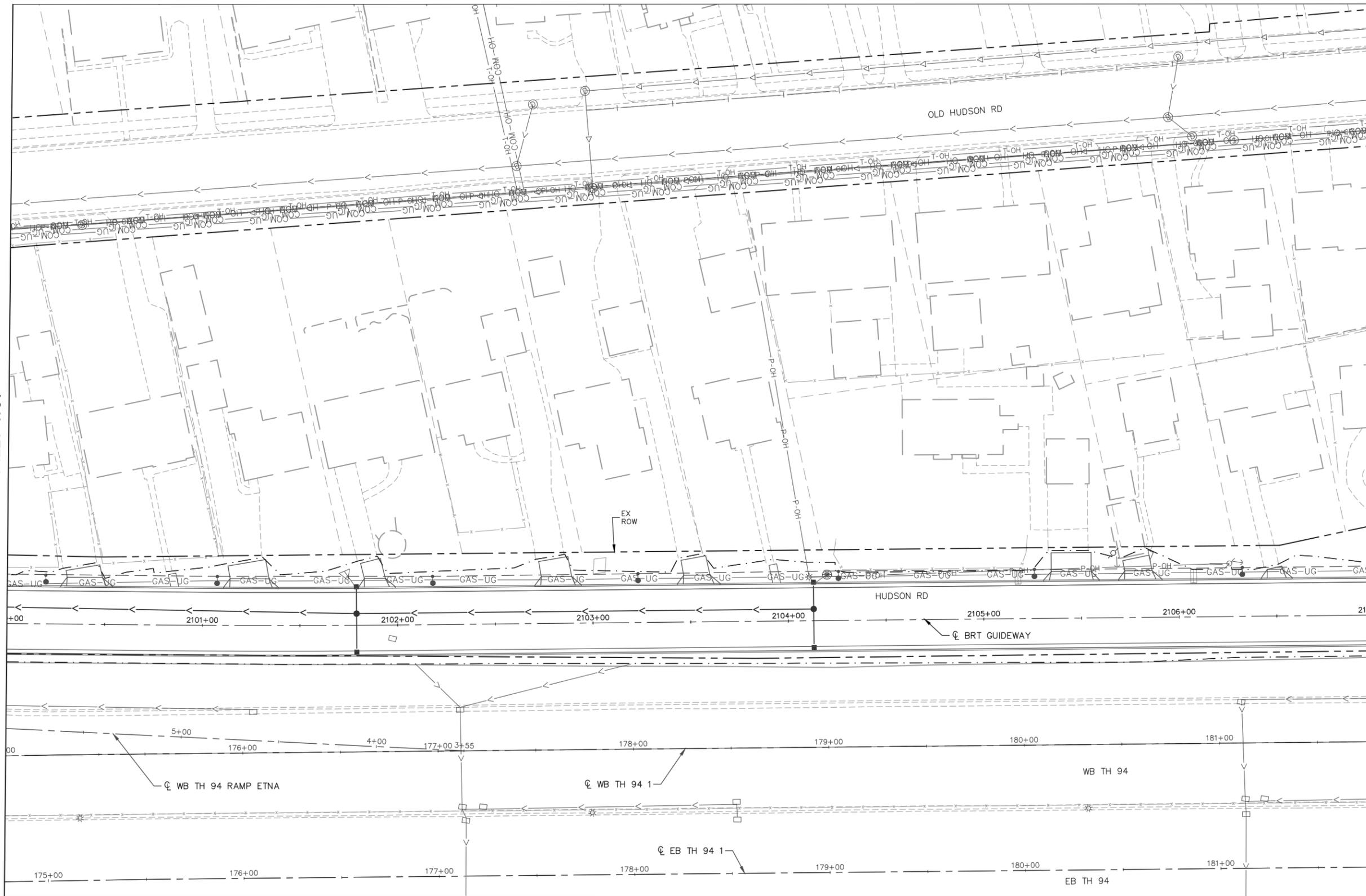
CERTIFIED BY *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1784 OF 2649

EXHIBIT B



- NOTES:
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1784

SEE SHEET 1786

Sep. 23 2021 08:04 am C:\cadd\lib\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

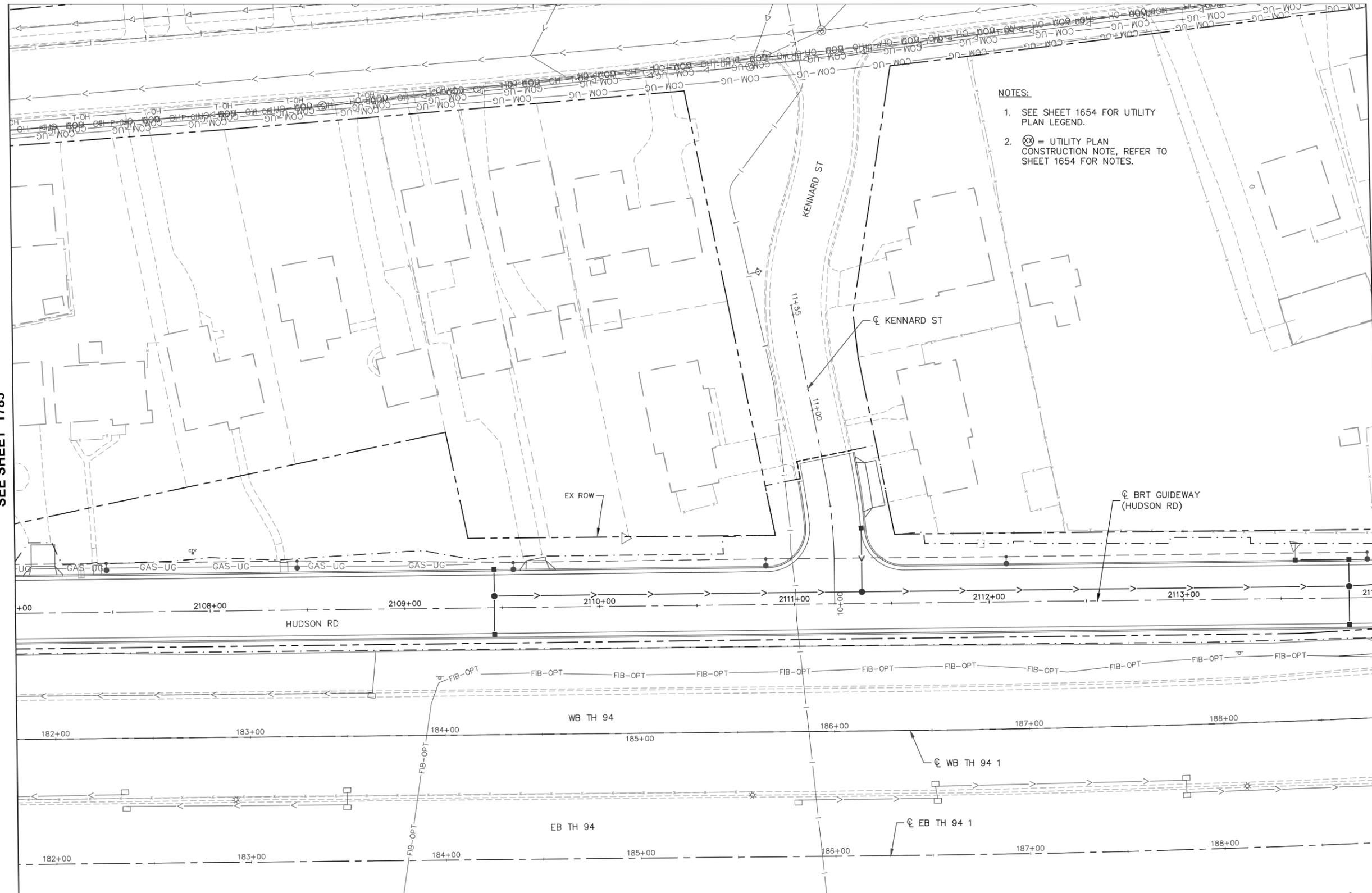
CERTIFIED BY
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

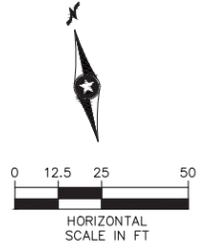
STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1785 OF 2649

EXHIBIT B



- NOTES:**
1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 2. (XX) = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.



Sep. 23 2021 08:04 am C:\cadd\lib\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

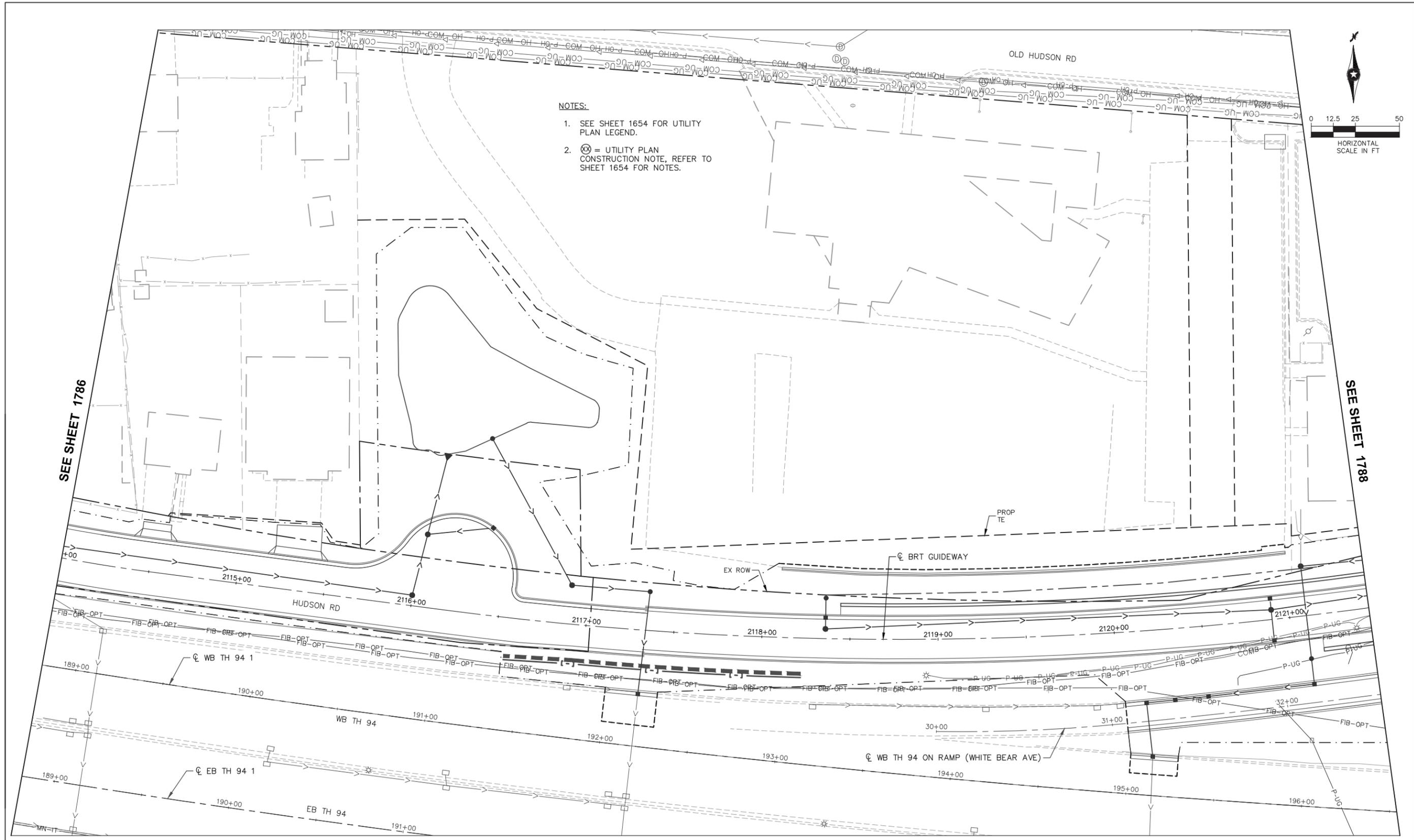
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

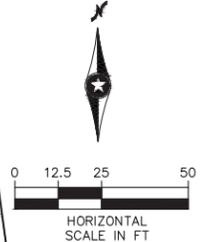
UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

EXHIBIT B



- NOTES:**
1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 2. (X) = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.



Sep. 23 2021 08:05 am C:\cadd\dlb\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

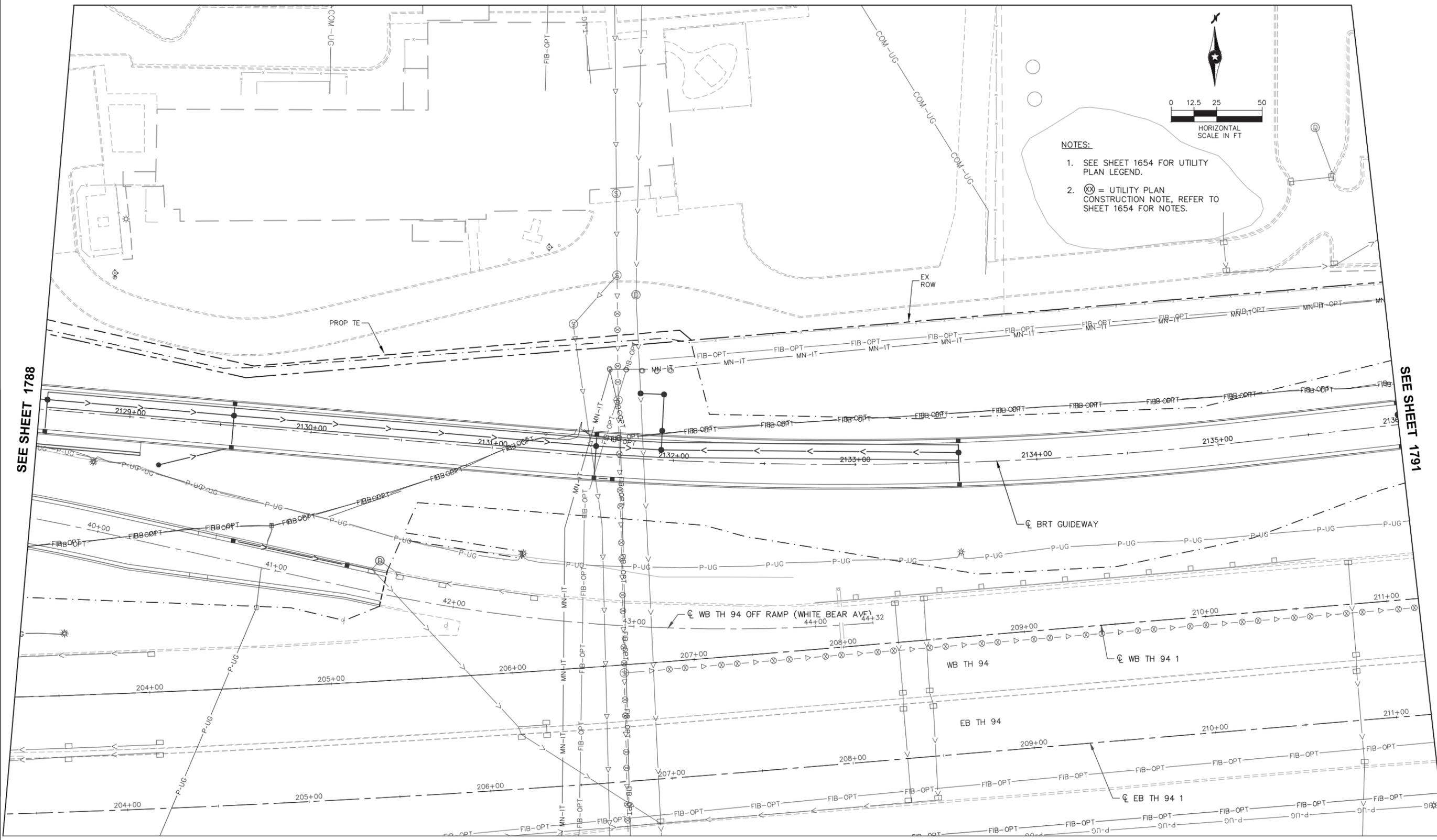
UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1787 OF 2649

EXHIBIT B

SEE SHEET 1790



SEE SHEET 1788

SEE SHEET 1791

Sep. 23 2021 08:06 am C:\cadd\lib\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

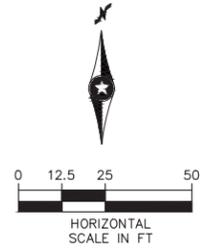
DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley-Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 CERTIFIED BY: *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

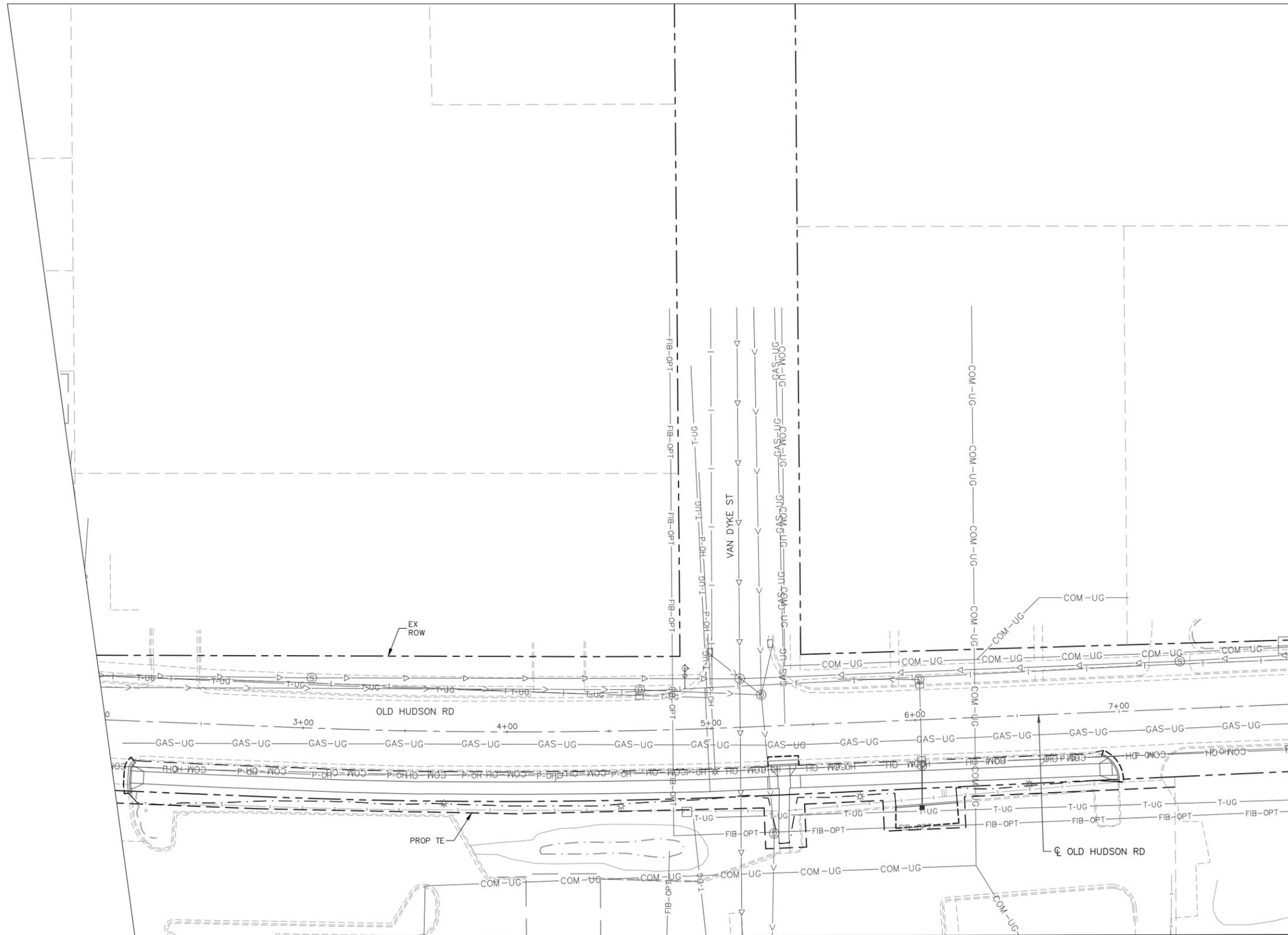
UTILITY PLAN
 STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)
 1789 OF 2649

EXHIBIT B



NOTES:

1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
2. ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.



SEE SHEET 1789

Sep. 23 2021 08:07 am C:\cadd\dlb\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

EXHIBIT B

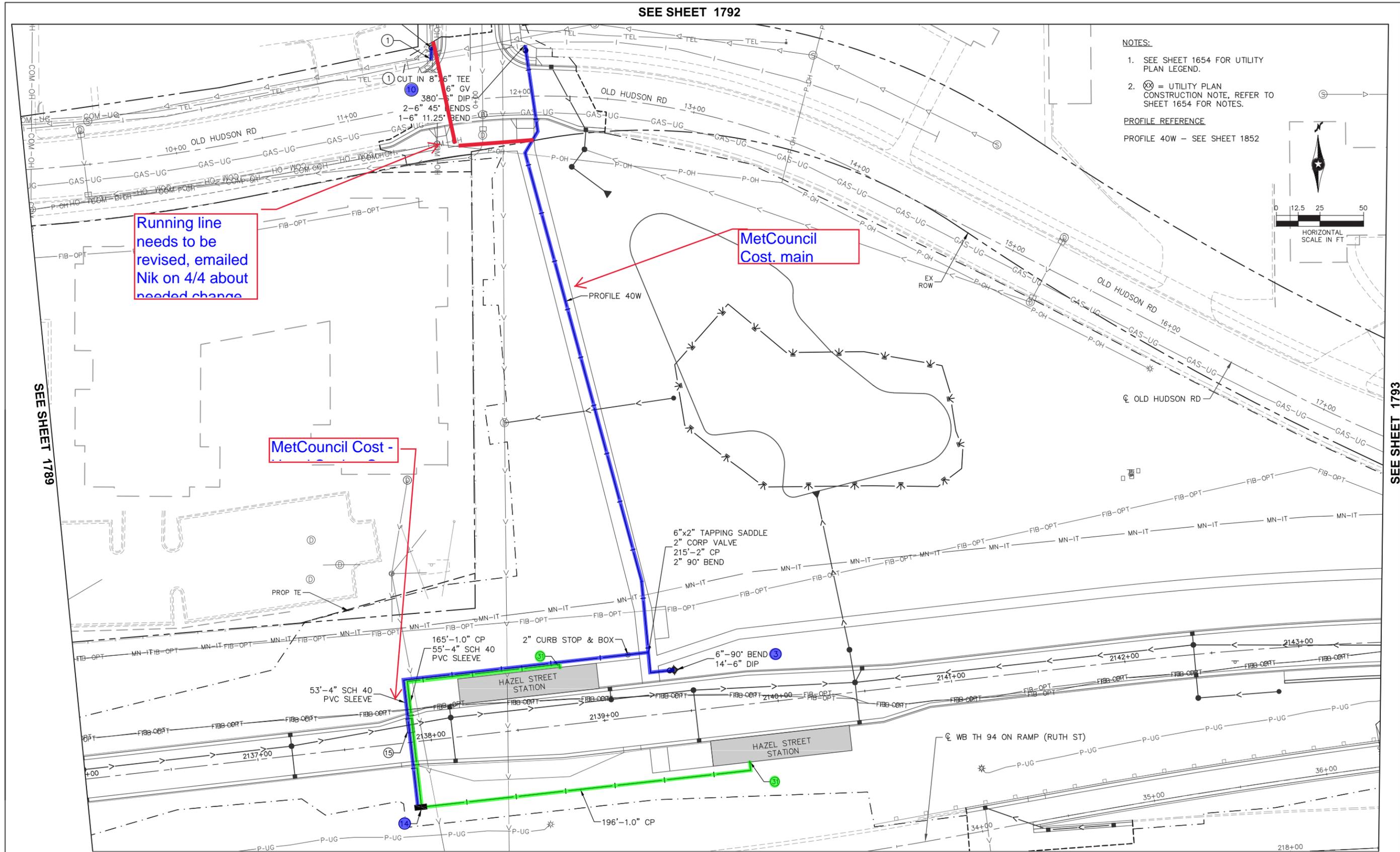
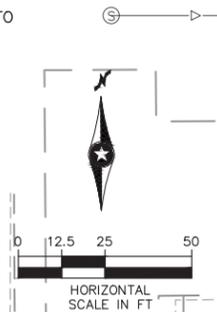
SEE SHEET 1792

NOTES:

1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
2. (X) = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

PROFILE REFERENCE

PROFILE 40W - SEE SHEET 1852



SEE SHEET 1789

SEE SHEET 1793

Sep. 23 2021 08:07 am C:\cadd\lib\pw\gic36\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

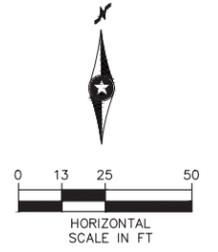
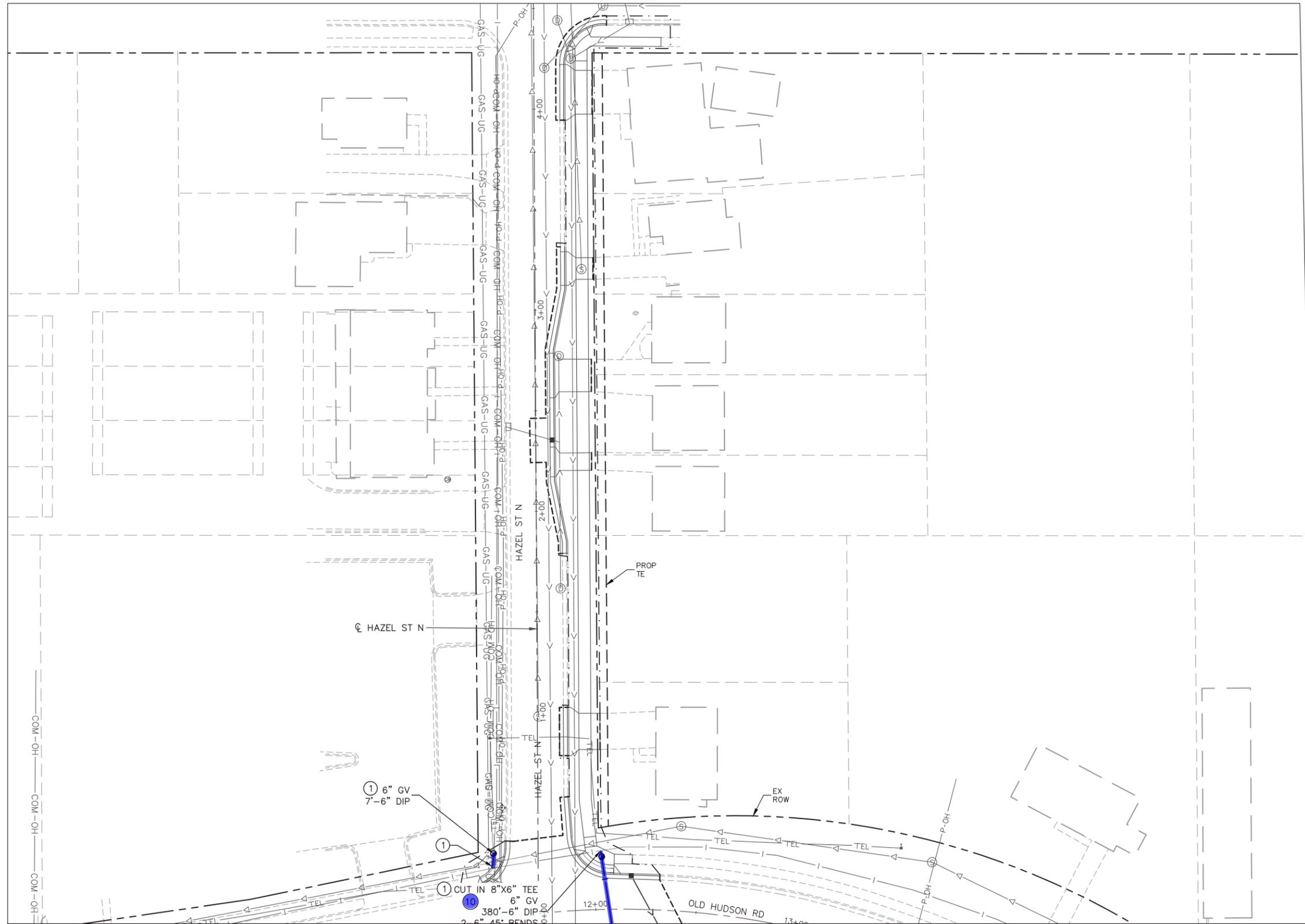
Kimley-Horn

METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 CERTIFIED BY *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN
 STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)
 1791 OF 2649

EXHIBIT B



- NOTES:**
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1791

Sep. 23 2021 08:08 am C:\cadd\lib\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

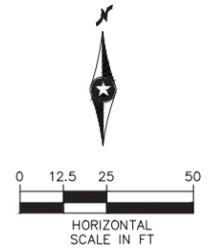
CERTIFIED BY: *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1792 OF 2649

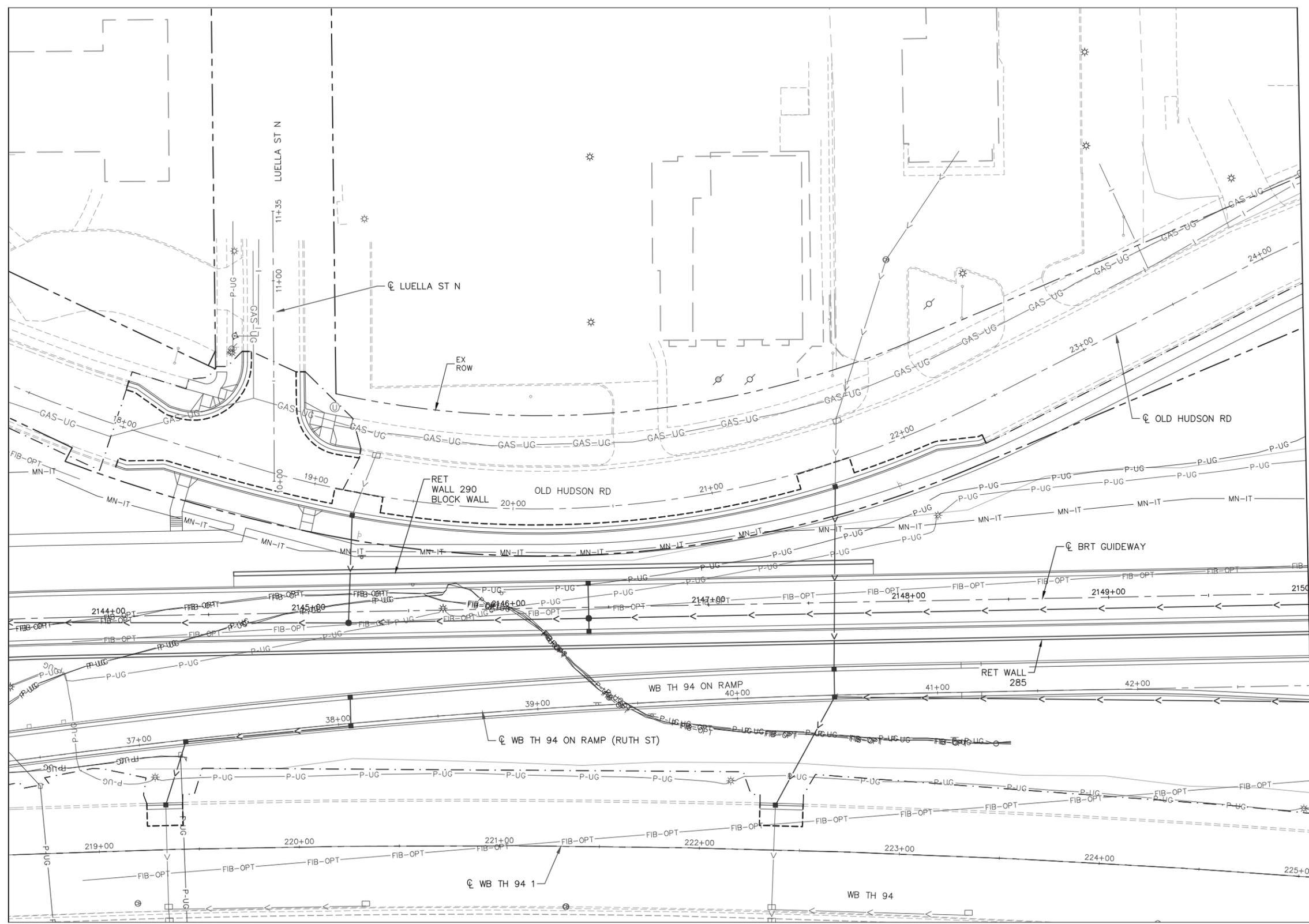
EXHIBIT B



- NOTES:
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1791

SEE SHEET 1794



Sep. 23 2021 08:08 am C:\cadd\lib\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

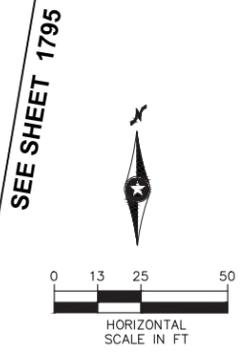
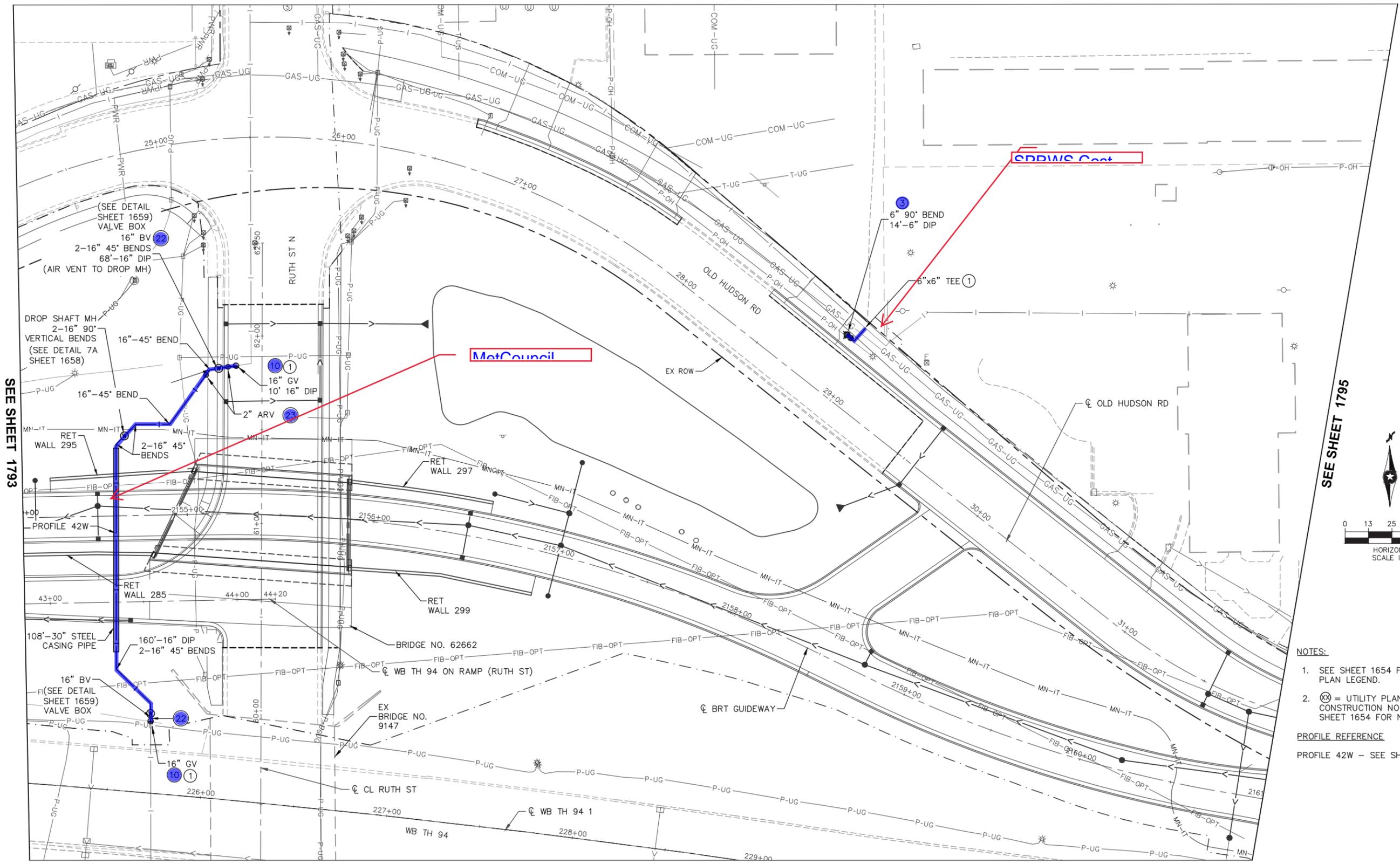
CERTIFIED BY
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1793 OF 2649

EXHIBIT B



- NOTES:**
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.
- PROFILE REFERENCE**
 PROFILE 42W - SEE SHEET 1852

Sep. 23 2021 08:09 am C:\cadd\dlb\pw\gic3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley-Horn

METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

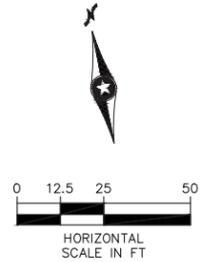
UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694) 1794 OF 2649

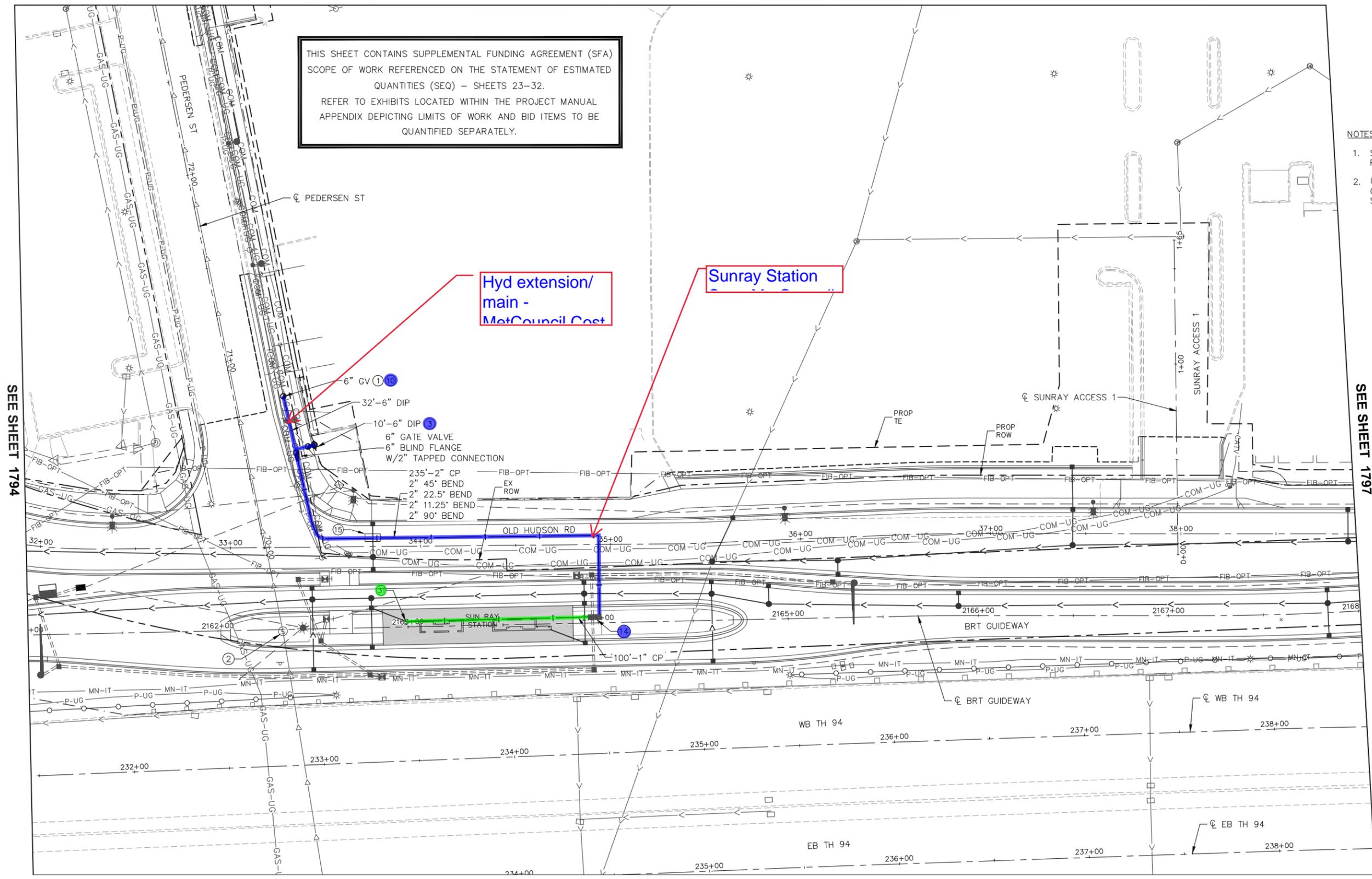
EXHIBIT B

SEE SHEET 1796

THIS SHEET CONTAINS SUPPLEMENTAL FUNDING AGREEMENT (SFA) SCOPE OF WORK REFERENCED ON THE STATEMENT OF ESTIMATED QUANTITIES (SEQ) - SHEETS 23-32. REFER TO EXHIBITS LOCATED WITHIN THE PROJECT MANUAL APPENDIX DEPICTING LIMITS OF WORK AND BID ITEMS TO BE QUANTIFIED SEPARATELY.



- NOTES:
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.



SEE SHEET 1794

SEE SHEET 1797

Sep. 23 2021 08:53 am C:\cadd\dlb\pw\gic3d\40218558\SEC3-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley-Horn

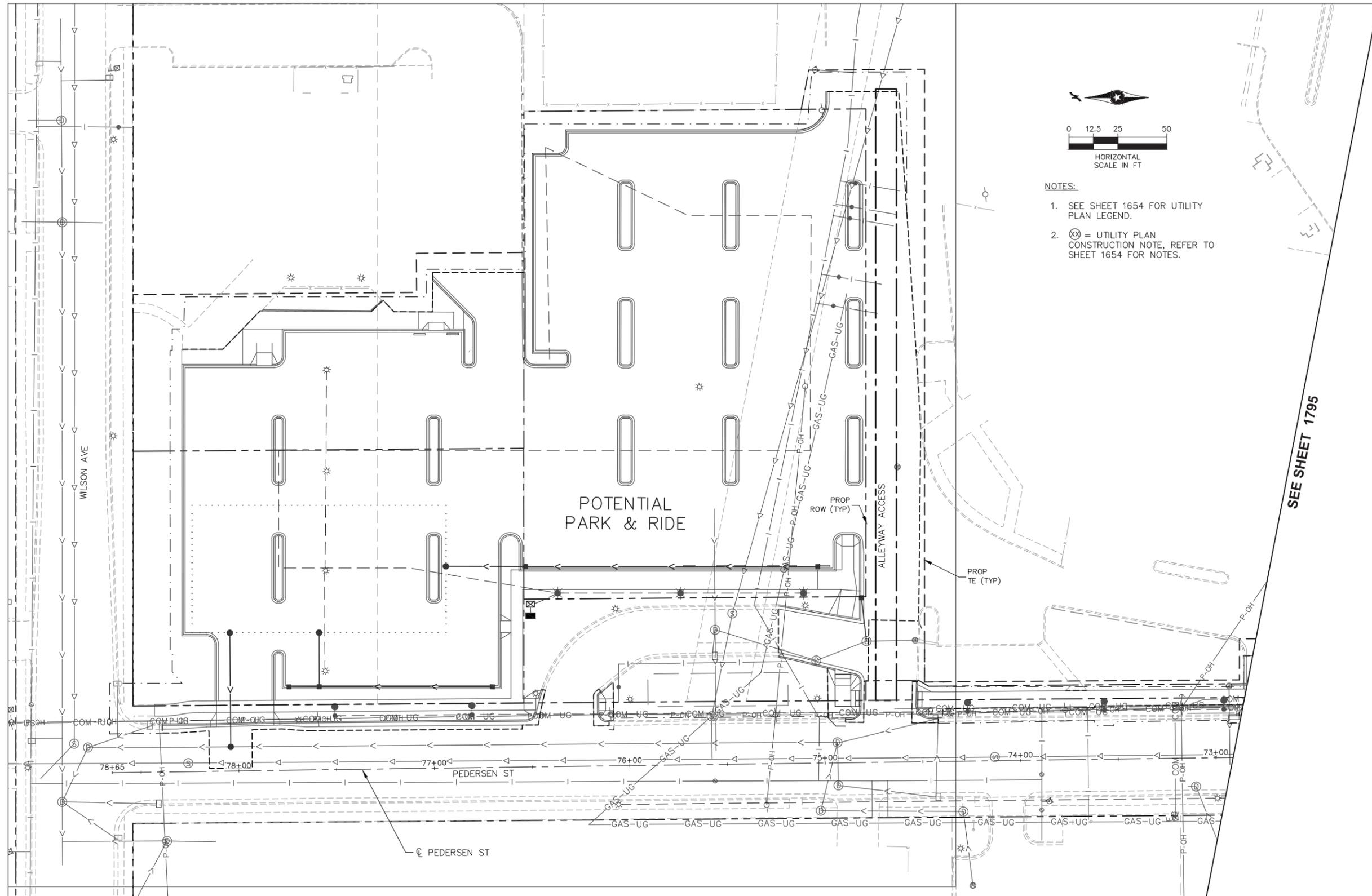
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 CERTIFIED BY
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1795 OF 2649

EXHIBIT B



NOTES:

1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
2. ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1795

Sep. 23 2021 08:54 am C:\cadd\dlb\pw\gic36\40218558\SEC3-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

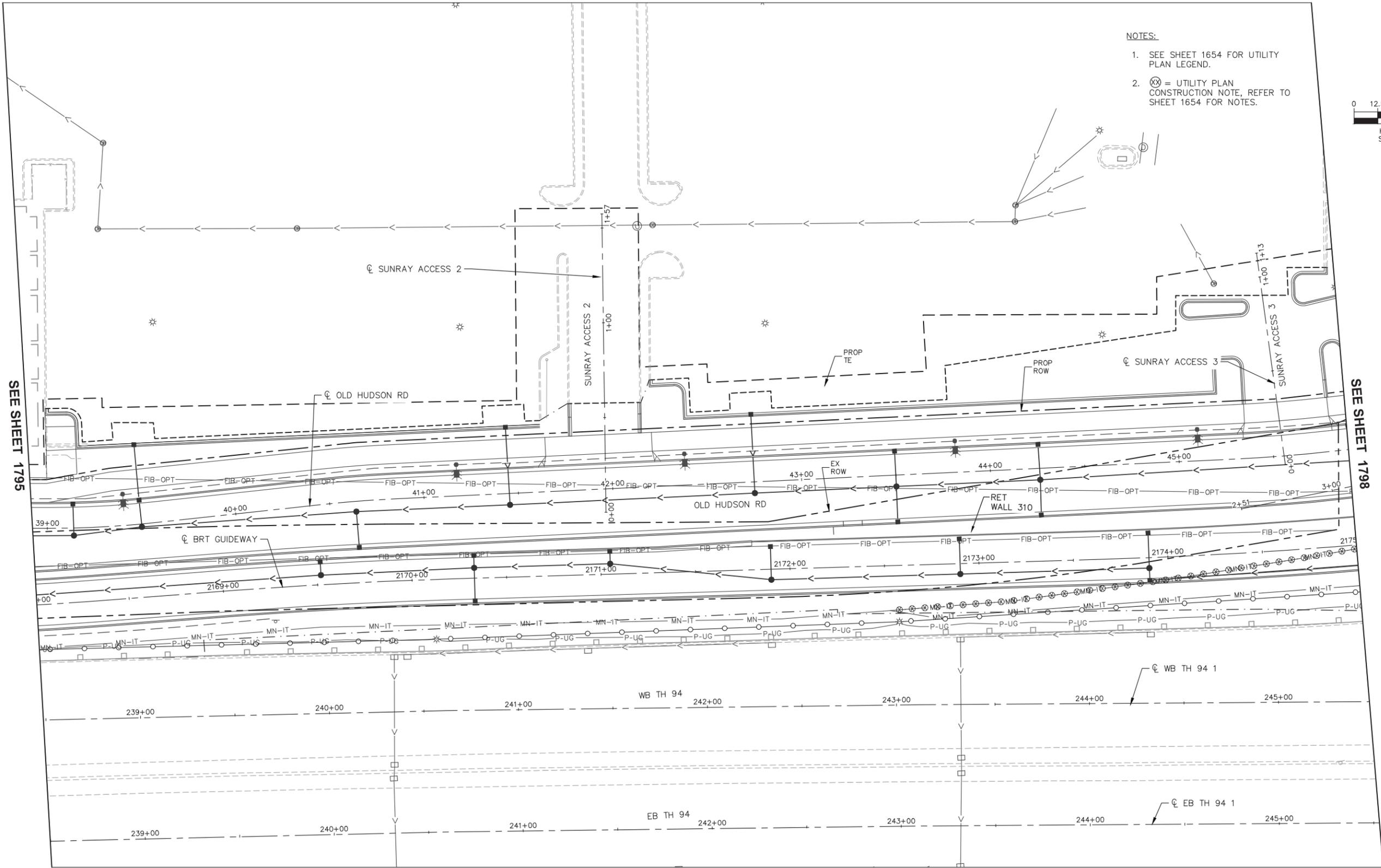
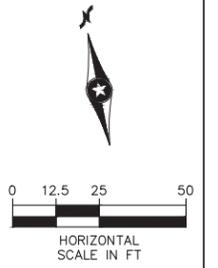
UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

EXHIBIT B

NOTES:

1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
2. (Symbol) = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.



SEE SHEET 1795

SEE SHEET 1798

Sep. 23 2021 08:54 am C:\cadd\dlb\pw\gic3d\40218558\SEC3-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

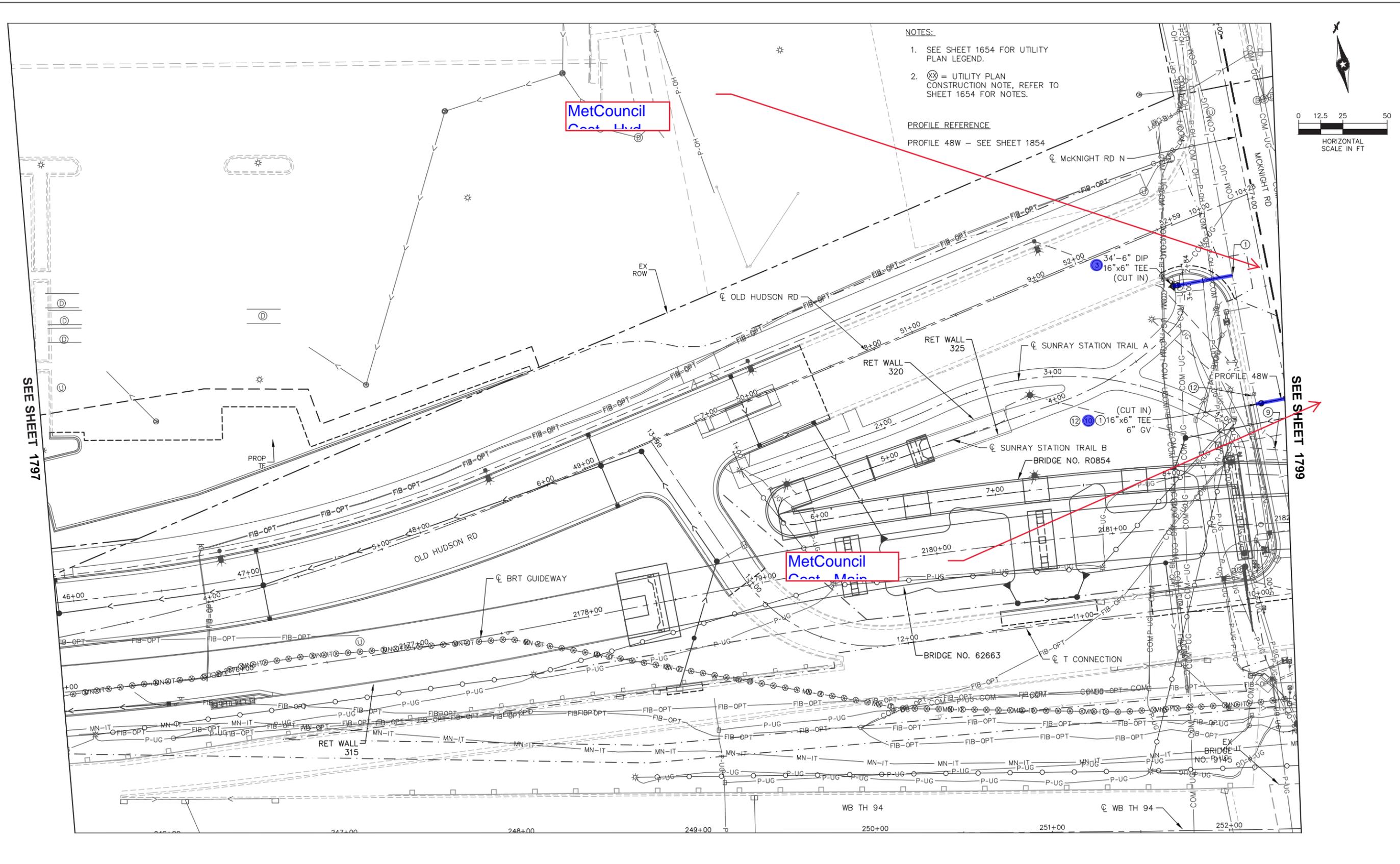
CERTIFIED BY: *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1797 OF 2649

EXHIBIT B



SEE SHEET 1797

SEE SHEET 1799

Nov. 05 2021 03:17 pm C:\caddlib\pw_gic3d\0218558\SEC3-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley Horn

METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1798 OF 2649

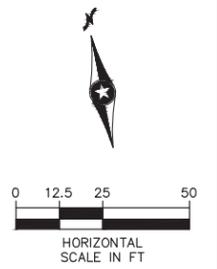
EXHIBIT B

NOTES:

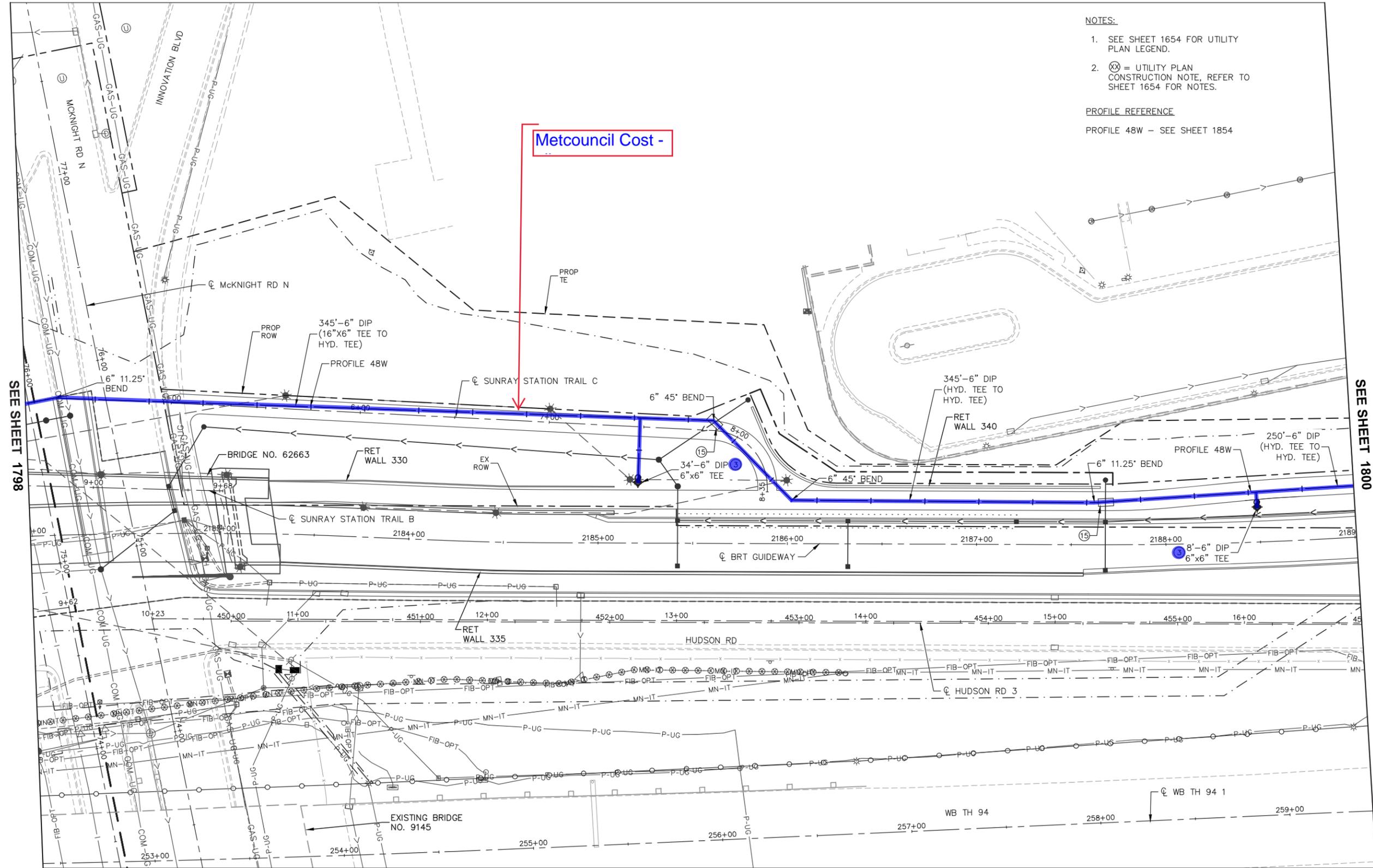
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
- ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

PROFILE REFERENCE

PROFILE 48W - SEE SHEET 1854



Metcouncil Cost -



SEE SHEET 1798

SEE SHEET 1800

Nov. 05 2021 03:42 pm C:\cadd\lib\dwg\gic3d\0218558\SEC3-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley Horn

METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

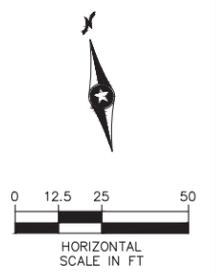
CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

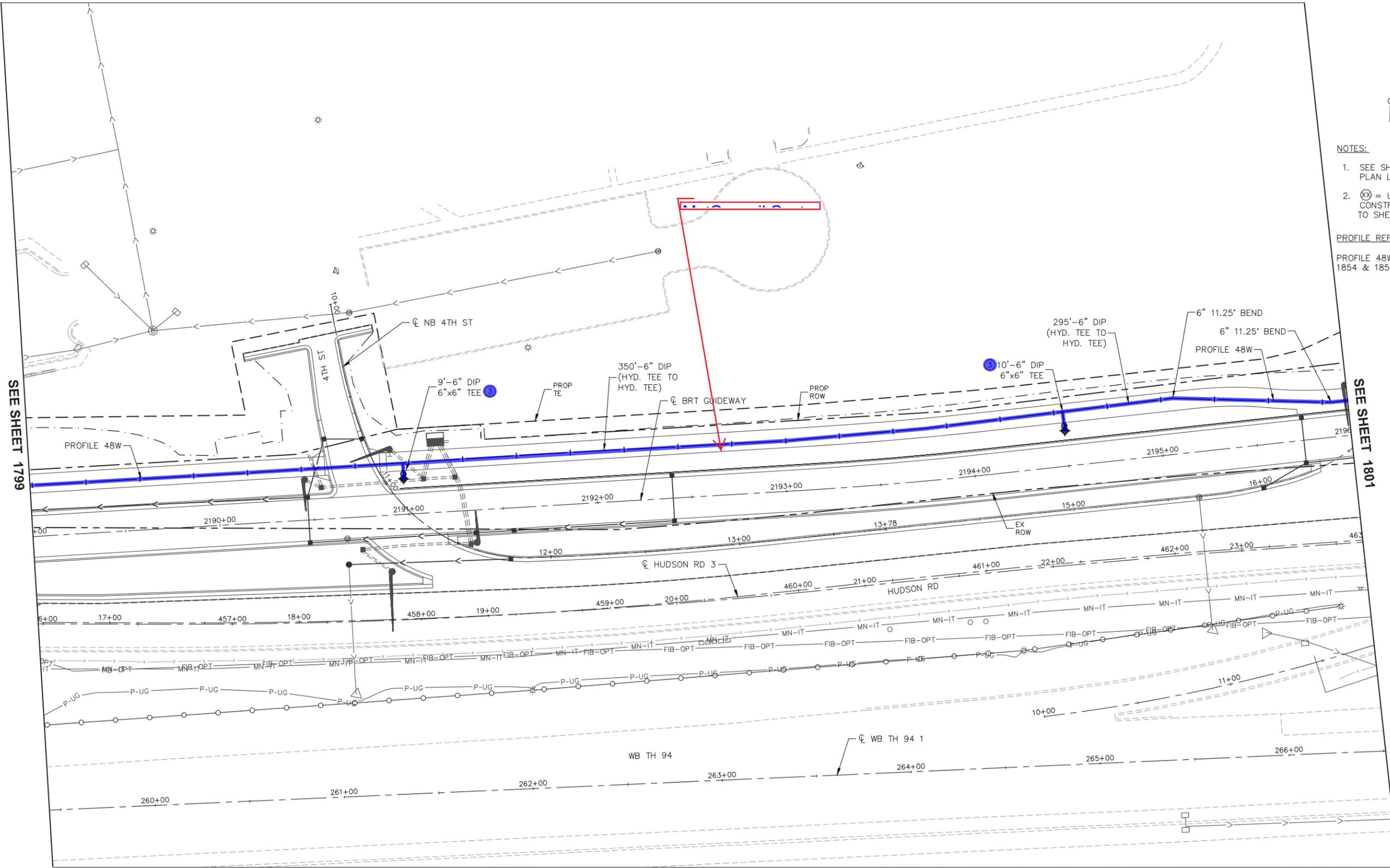
1799 OF 2649

EXHIBIT B



- NOTES:
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

PROFILE REFERENCE
 PROFILE 48W - SEE SHEET(S) 1854 & 1855



SEE SHEET 1799

SEE SHEET 1801

Sep. 23 2021 08:56 am C:\cadd\dlb\pw\gic3d\40218558\SEC3-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

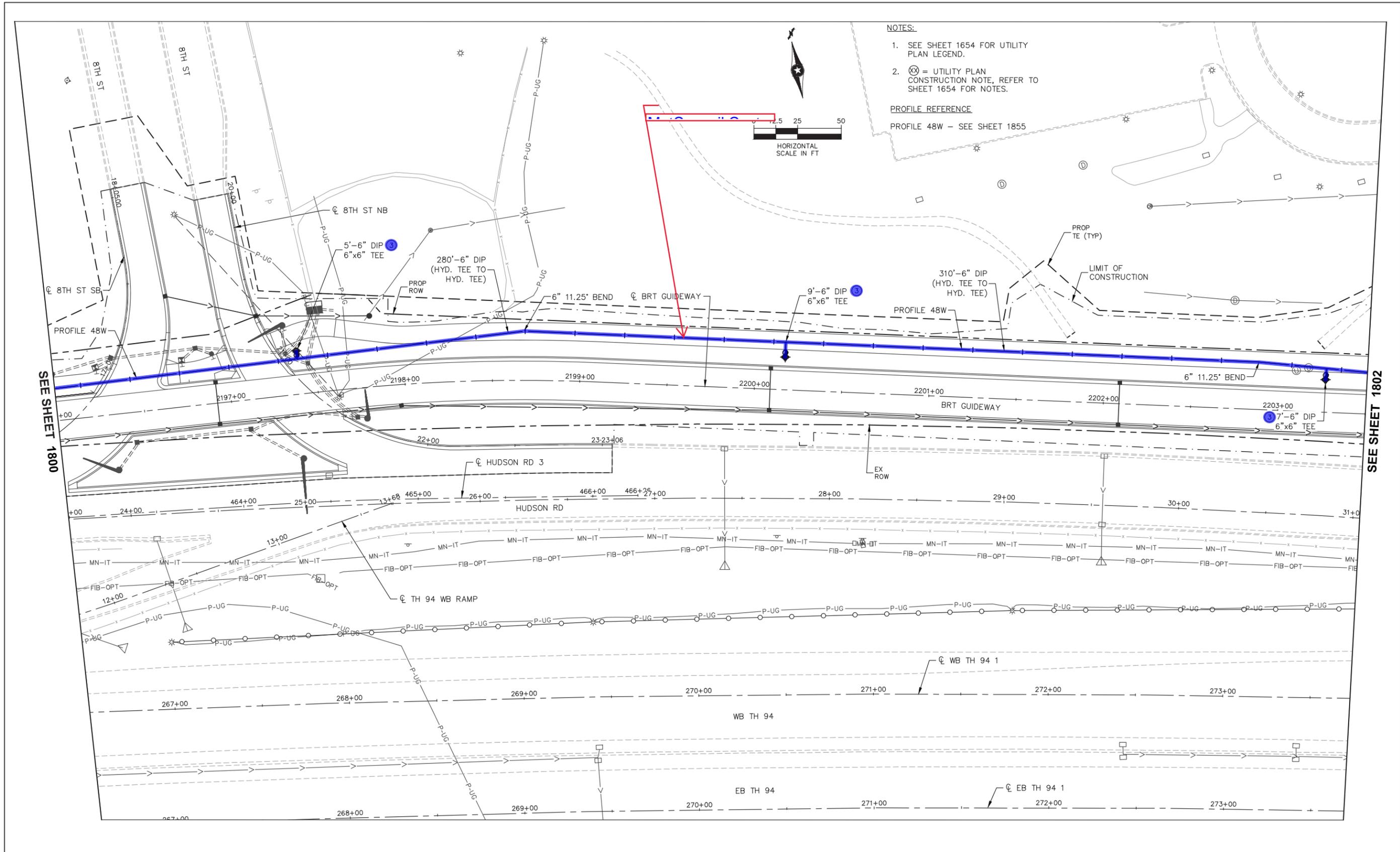
CERTIFIED BY:
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

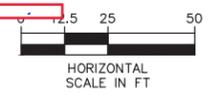
STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1800 OF 2649

EXHIBIT B



- NOTES:**
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.



PROFILE REFERENCE
PROFILE 48W - SEE SHEET 1855

SEE SHEET 1800

SEE SHEET 1802

Nov. 15 2021 12:20 pm C:\cadd\lib\pw\gic3d\0218558\SEG3-UTL-PLN.dwg By: rdnovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
DESIGNED: CJB
CHECKED: PJH

Kimley Horn
Sambatek
METRO Gold Line
METROPOLITAN COUNCIL

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

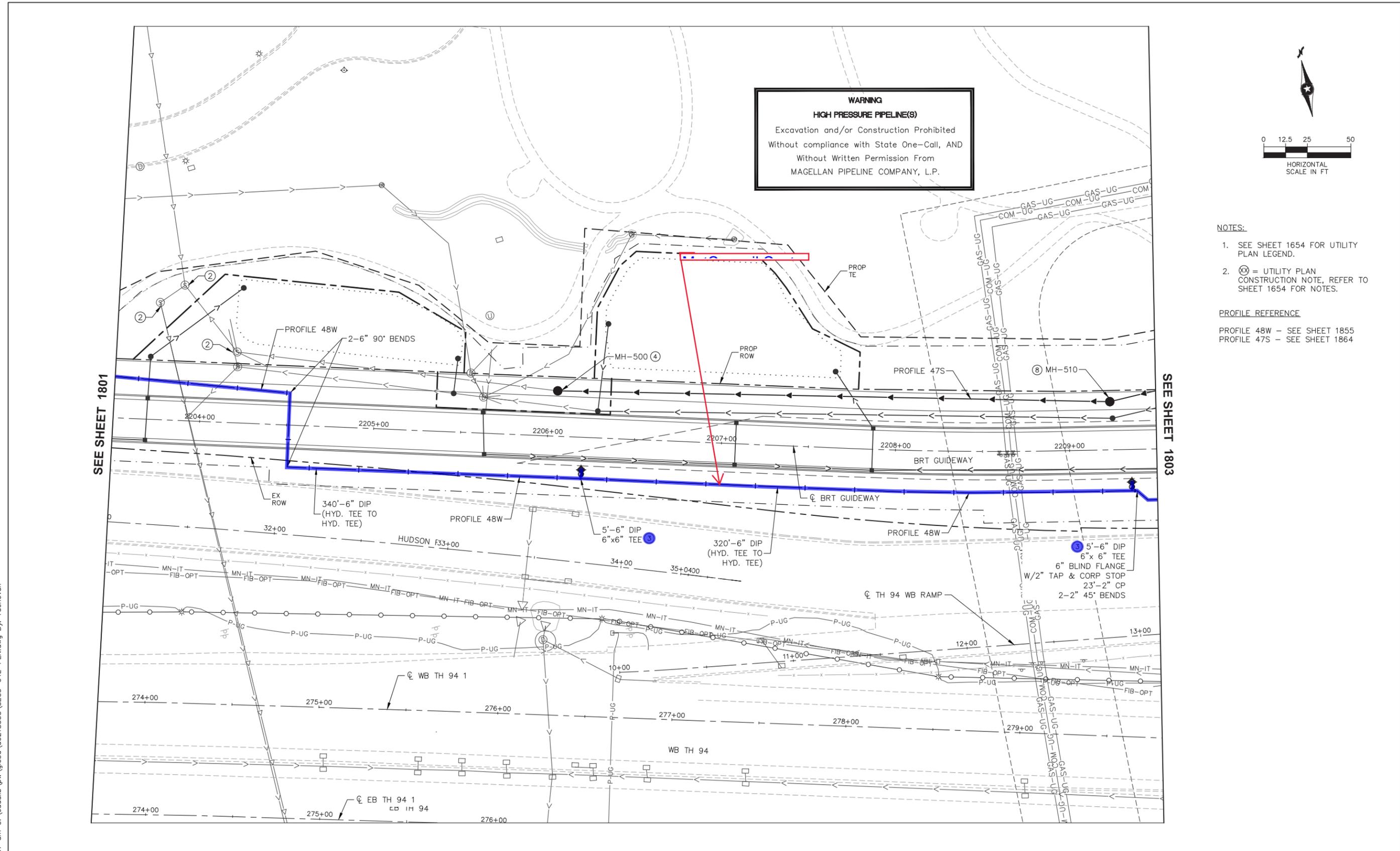
CERTIFIED BY: *Corey Bergman*
COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

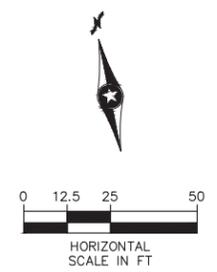
STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1801 OF 2649

EXHIBIT B



WARNING
HIGH PRESSURE PIPELINE(S)
 Excavation and/or Construction Prohibited
 Without compliance with State One-Call, AND
 Without Written Permission From
 MAGELLAN PIPELINE COMPANY, L.P.



- NOTES:**
1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 2. ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

PROFILE REFERENCE
 PROFILE 48W - SEE SHEET 1855
 PROFILE 47S - SEE SHEET 1864

SEE SHEET 1801

SEE SHEET 1803

Sep. 23 2021 08:57 am C:\cadd\dlb\pw\gic3d\40218558\SEC3-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

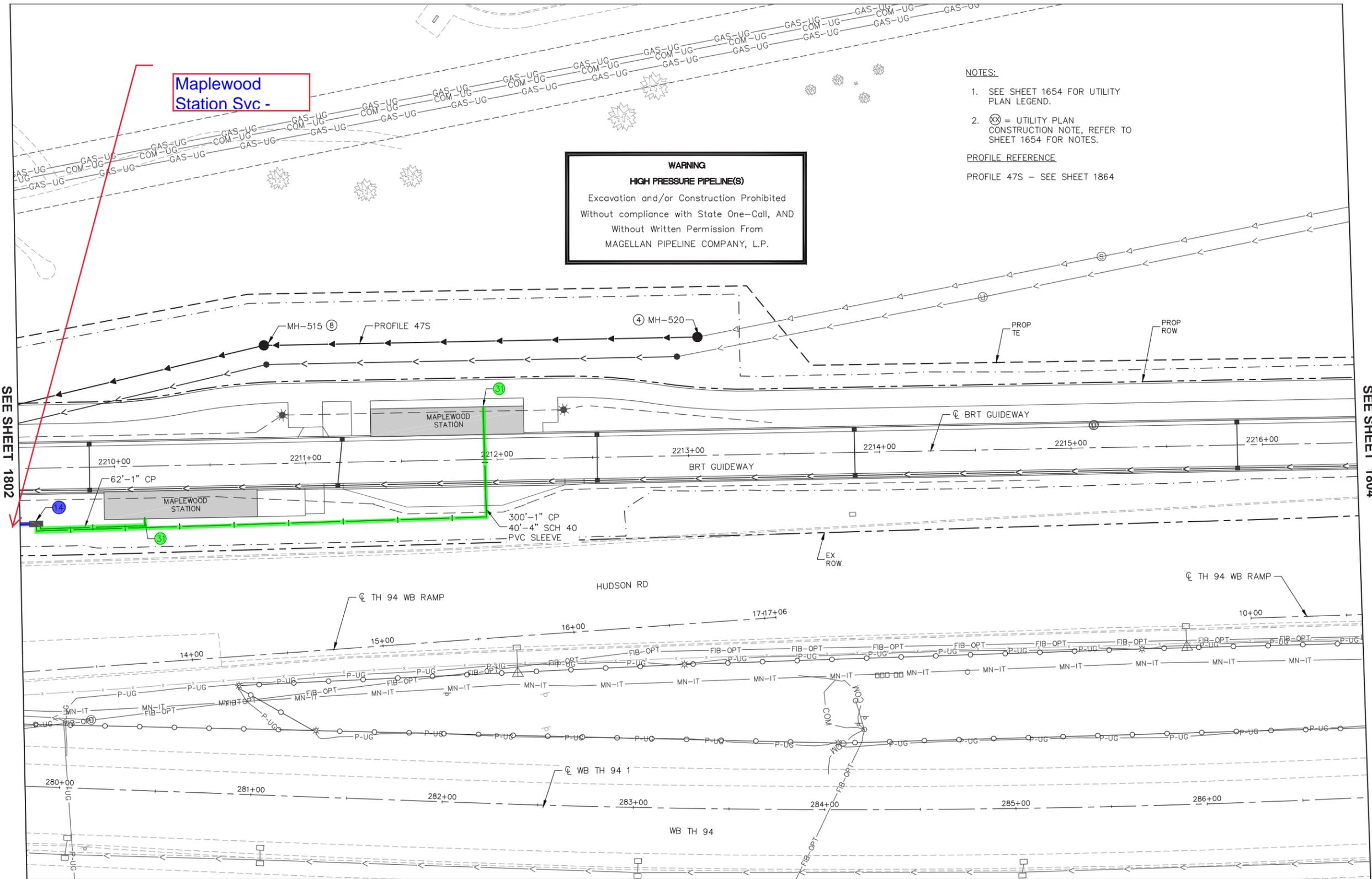
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694) 1802 OF 2649

EXHIBIT B

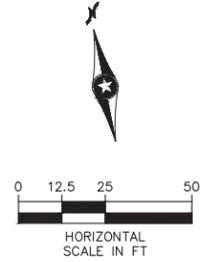


NOTES:

- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
- ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

PROFILE REFERENCE
 PROFILE 47S - SEE SHEET 1864

WARNING
HIGH PRESSURE PIPELINE(S)
 Excavation and/or Construction Prohibited
 Without compliance with State One-Call, AND
 Without Written Permission From
 MAGELLAN PIPELINE COMPANY, L.P.



SEE SHEET 1802

SEE SHEET 1804

Sep. 23 2021 08:57 am C:\cadd\dlb\pw\gic3d\40218558\SEC3-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

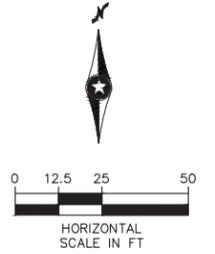
CERTIFIED BY: *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1803 OF 2649

EXHIBIT B

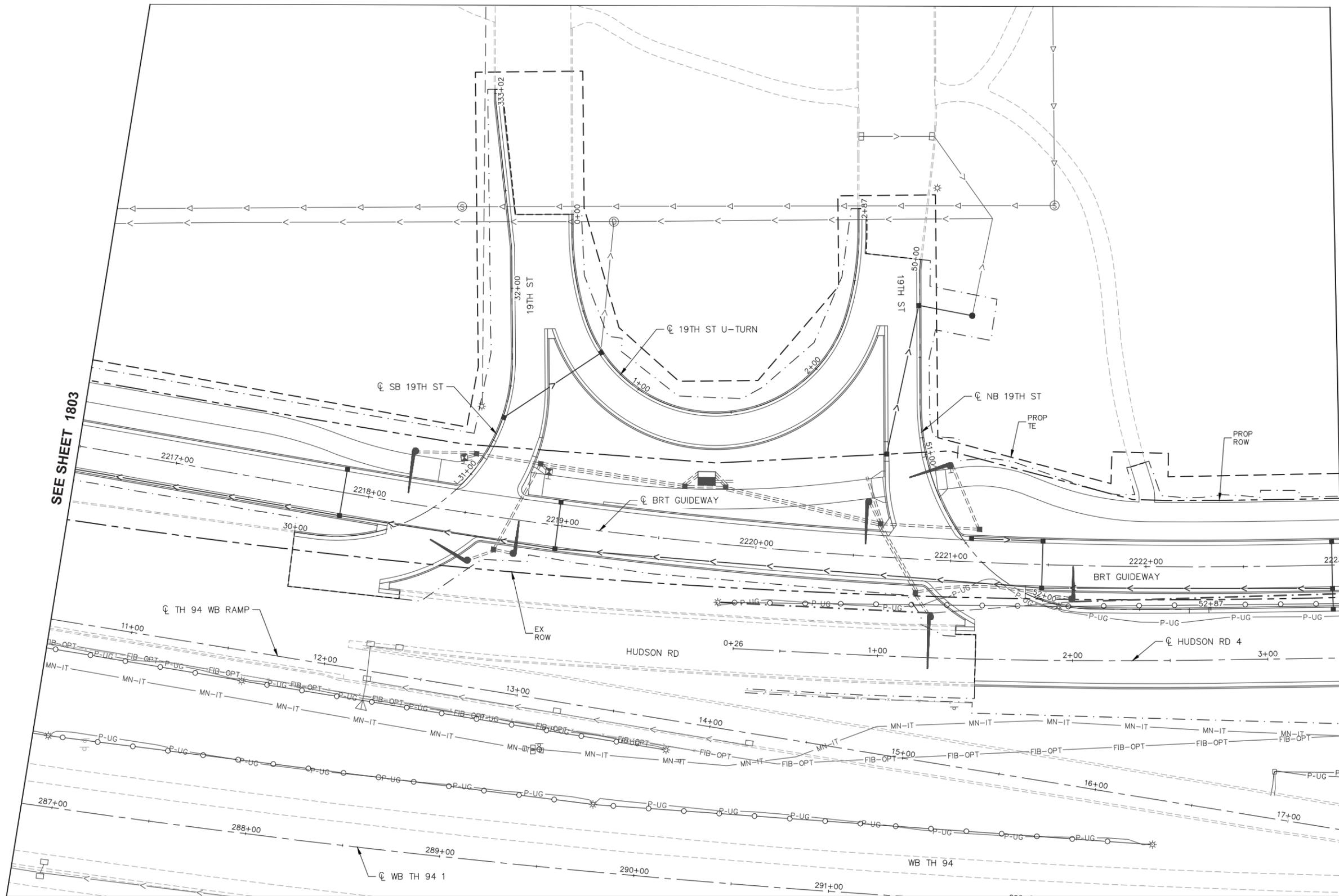


NOTES:

- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
- ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1803

SEE SHEET 1805



Sep. 23 2021 08:58 am C:\cadd\dlb\pw\gic3d\40218558\SEC3-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH



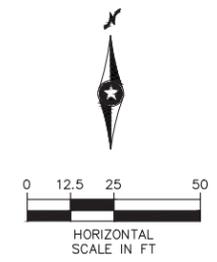
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

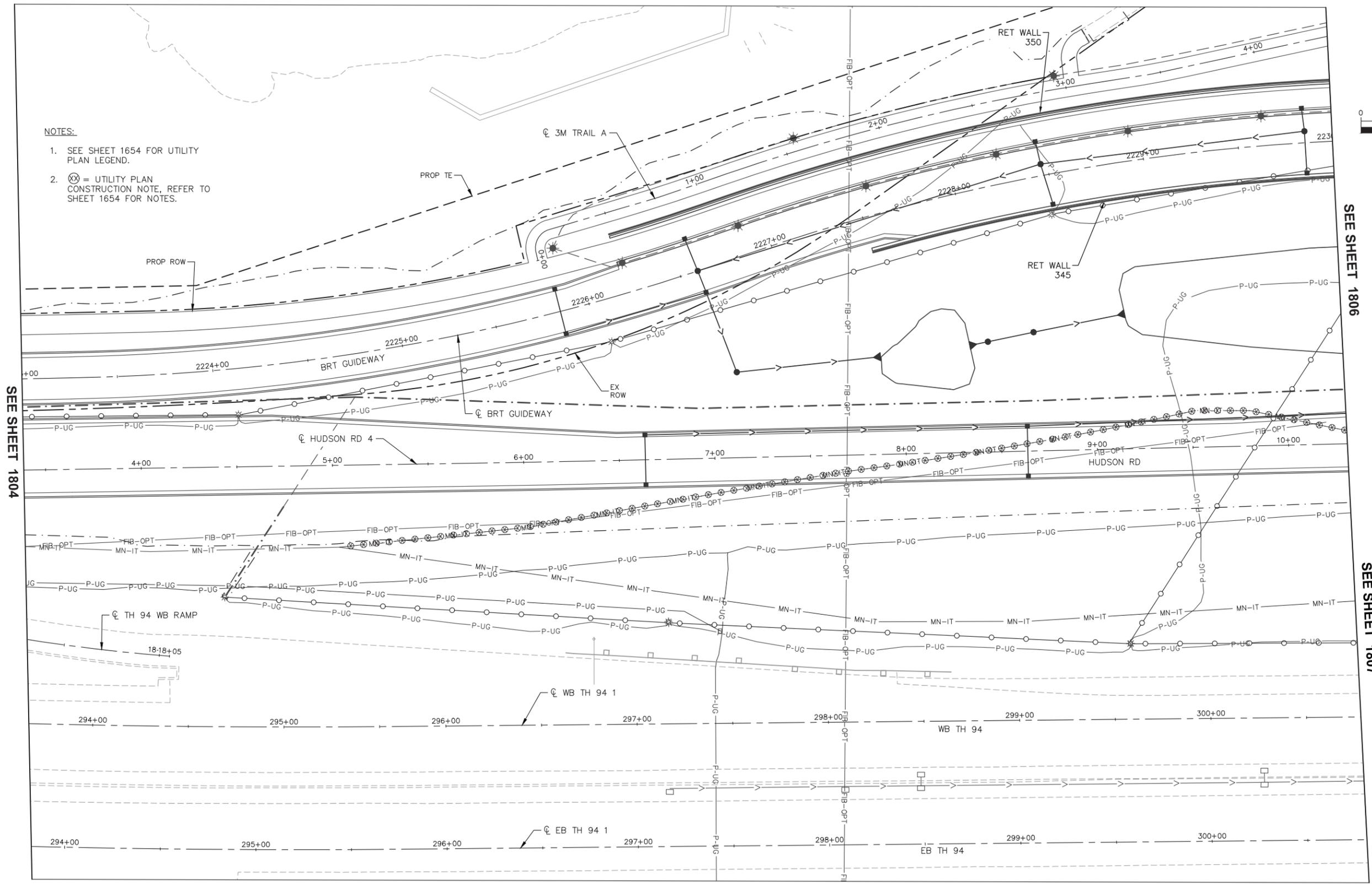
UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

EXHIBIT B



- NOTES:
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.



SEE SHEET 1804

SEE SHEET 1806

SEE SHEET 1807

Sep. 23 2021 08:59 am C:\cadd\dlb\pw\gic36\40218558\SEC3-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

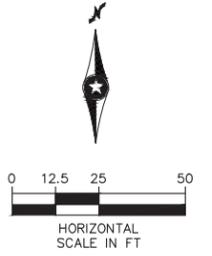
CERTIFIED BY *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1805 OF 2649

EXHIBIT B



- NOTES:
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

Sep. 23 2021 08:59 am C:\cadd\lib\pw\gic36\40218558\SEC3-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY: *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694) 1806 OF 2649

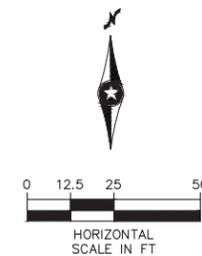
EXHIBIT B

SEE SHEET 1806

SEE SHEET 1809

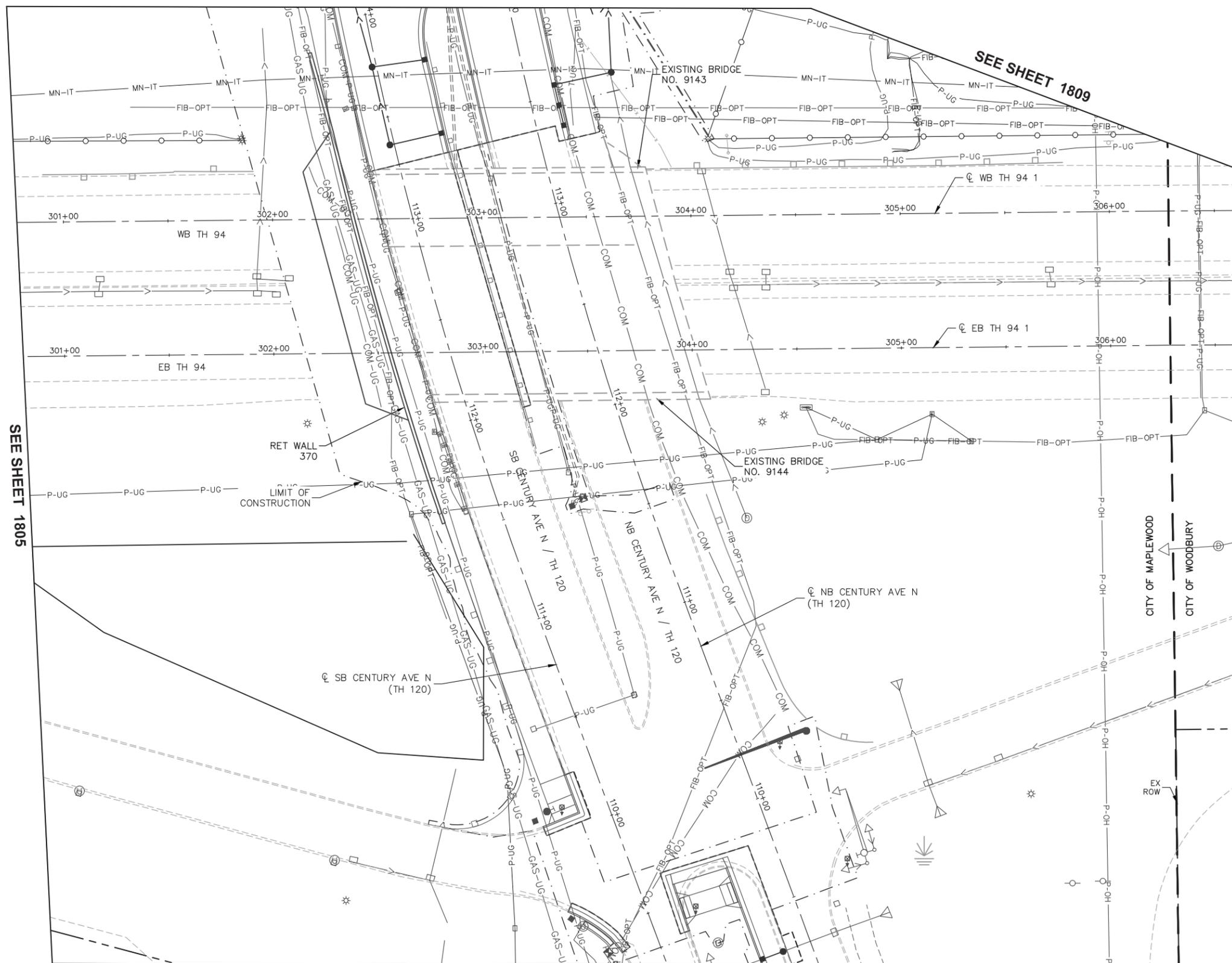
SEE SHEET 1805

SEE SHEET 1808



NOTES:

1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
2. (Symbol) = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.



Sep. 23 2021 09:00 am C:\cadd\dlb\pw\gic3d\40218558\SEC3-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

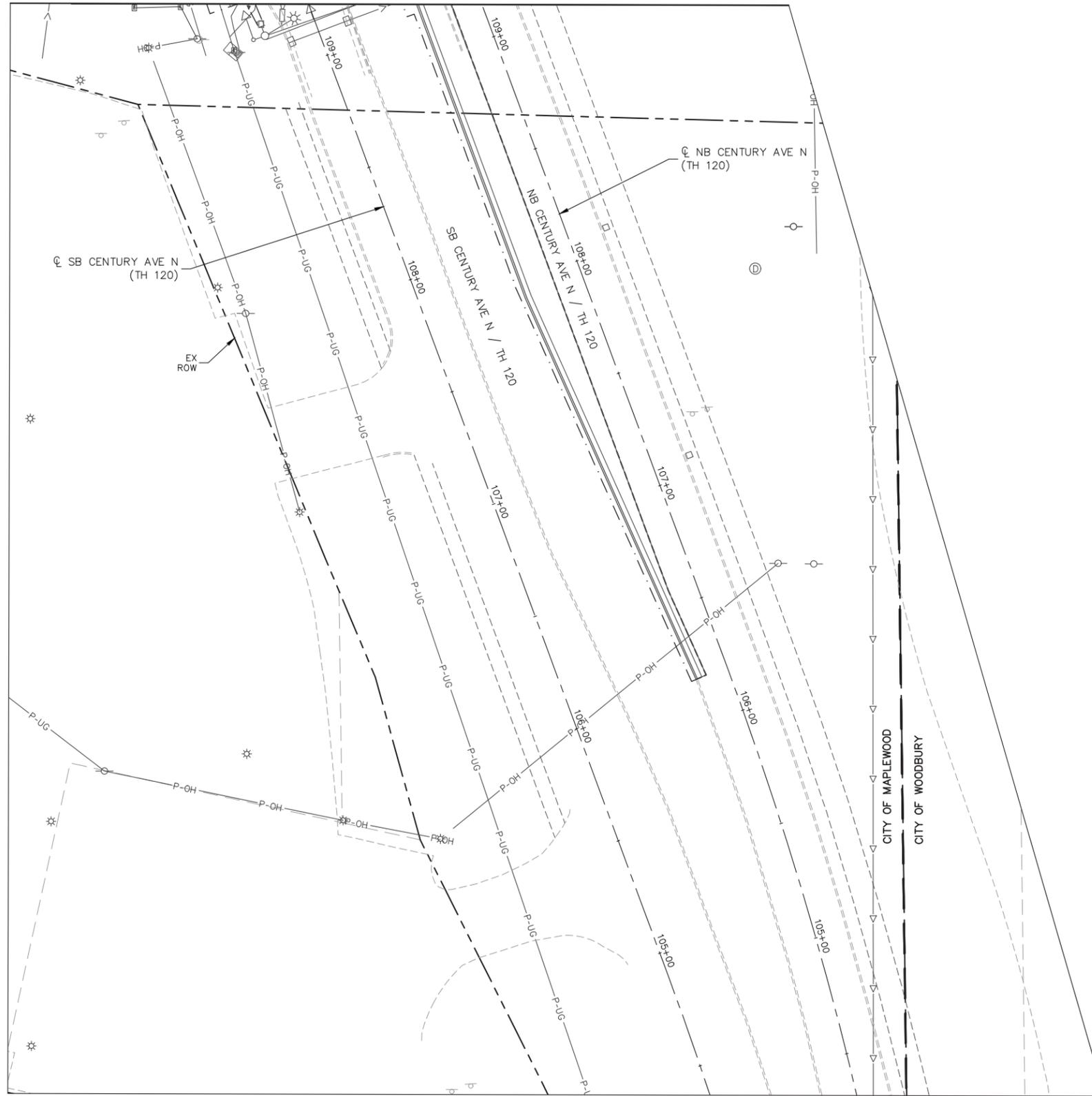
UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1807 OF 2649

EXHIBIT B

SEE SHEET 1807



NOTES:

- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
- ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

Sep. 23 2021 09:00 am C:\cadd\lib\pw\gic3d\00218558\SEC3-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn **METRO** **Gold Line**
Sambatek **METROPOLITAN**

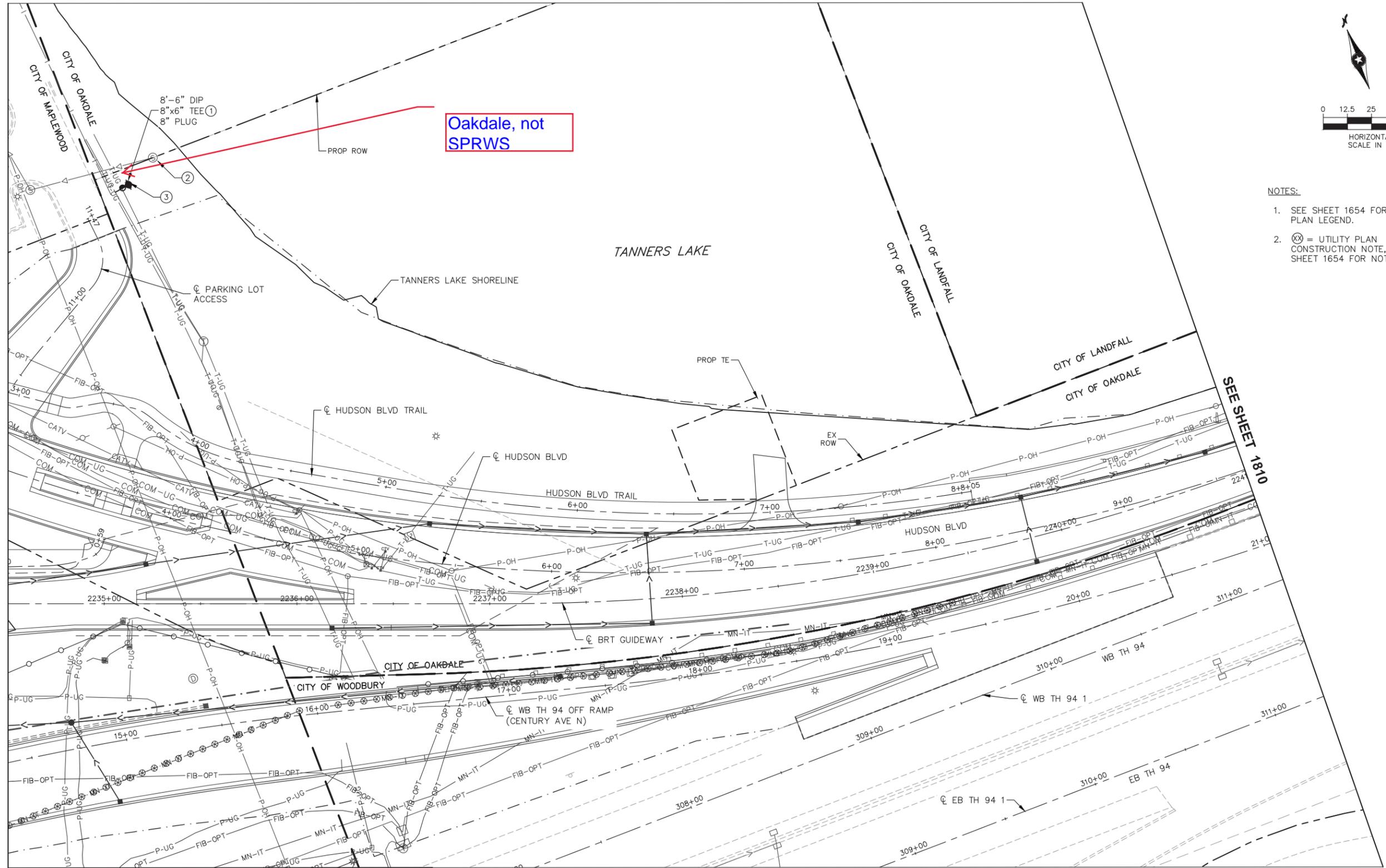
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 CERTIFIED BY *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

1808 OF 2649

EXHIBIT B



- NOTES:
- SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 - ⊗ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1806

SEE SHEET 1810

SEE SHEET 1807

Sep. 23 2021 09:01 am C:\cadd\lib\pw\gic3d\0218558\SEG3-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
 DESIGNED: CJB
 CHECKED: PJH

Kimley»Horn

METRO Gold Line

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CERTIFIED BY
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)