

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**

By: _____
President

Date: _____

By: _____
Secretary

Date: _____

By: _____
Director, Office of Financial Services

Date: _____

Approved as to form:

By: _____
General Manager

Date: _____

By: _____
City Attorney

Date: _____

METROPOLITAN COUNCIL

By: _____

Its: _____

Date: _____

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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 restoraion 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

LEGEND/UTILITY NOTES

EXISTING SYMBOLS:

- Ⓢ SANITARY MANHOLE
- Ⓒ SANITARY CLEANOUT
- Ⓜ WATER MANHOLE
- Ⓦ WATER GATE VALVE MANHOLE
- ⦿ WATER VALVE
- WATER METER
- ⬠ HYDRANT
- WATER CORP STOP/CURB STOP
- Ⓒ CATCH BASIN (CB)
- ⊗ DROP INLET (DI)
- Ⓢ STORM MANHOLE (MH)
- ▷ FLARED END SECTION (FES)

EXISTING LINE TYPES:

- |——— WATER MAIN
- |—⊗—⊗—|—⊗—⊗— ABANDONED WATER
- ▷——— SANITARY SEWER
- ▷▷——— SANITARY FORCE MAIN
- ▷—⊗—⊗——— ABANDONED SANITARY SEWER
- >——— STORM SEWER
- >—⊗—⊗——— ABANDONED STORM SEWER

REMOVAL LINE TYPES:

- x · x · x · x · x · x · x · x · UTILITY REMOVAL

PROPOSED SYMBOLS:

- SANITARY MANHOLE
- SANITARY CLEANOUT
- Ⓜ WATER MANHOLE OR
WATER VALVE MANHOLE
- ⦿ WATER VALVE
- WATER METER LOCATION
- ⬠ HYDRANT
- WATER CORP STOP/CURB STOP
- ▀ REDUCER
- ⊗ AIR RELEASE VALVE/VENT OR
WATER BLOW-OFF
- E BLIND END CAP (PLUG)
- CATCH BASIN (CB)
- ⊗ DROP INLET (DI)
- STORM MANHOLE (MH)
- ▶ FLARED END SECTION (FES)

PROPOSED LINE TYPES:

- |——— WATER MAIN
- ▶——— SANITARY SEWER
- ▶▶——— SANITARY FORCE MAIN
- >——— STORM SEWER
- >-->-->-->-->-->-->--> DRAIN TILE

REMOVAL SYMBOLS:

- ✕ STORM/SANITARY STRUCTURE
REMOVAL
- ✕ HYDRANT REMOVAL
- ✕ WATER VALVE REMOVAL

UTILITY PLAN NOTES:

- 1 CONNECT TO EXISTING WATER MAIN. VERIFY EXISTING WATER MAIN SIZE AND LOCATION. PROVIDE AND INSTALL FITTINGS AS NECESSARY TO MAKE CONNECTION, PIPE COUPLING (ISOLATING COUPLING WHERE REQUIRED) AND MECHANICAL THRUST RESTRAINT AT THE FITTINGS, COUPLING AND ACROSS COUPLING.
- 2 RECONSTRUCT MANHOLE TO MATCH PROPOSED GRADE. PER CITY DETAIL
- 3 6" GATE VALVE, VALVE BOX, HYDRANT, 6" CL 53 DIP BRANCH, (2) 32 LB (BARE WEIGHT) MAGNESIUM ANODES (SEE SPRWS STANDARD PLATE D-3). PROVIDE AND INSTALL MECHANICAL THRUST RESTRAINT FOR ALL JOINTS.
- 4 CONSTRUCT MANHOLE OVER EXISTING SEWER.
- 5 CONNECT TO EXISTING MANHOLE AND ADJUST OR RECONSTRUCT MANHOLE TO MATCH EXISTING OR PROPOSED GRADE AND EXISTING AND PROPOSED PIPE SLOPES.
- 6 ROTATE CONE SECTION SO THAT MANHOLE OFFSET DOES NOT FALL IN CURB AND GUTTER. ADJUST TO PROPOSED GRADE AND ALIGN MANHOLE STEPS.
- 7 REMOVE MANHOLE AND REPLACE WITH PIPE.
- 8 CONSTRUCT A NEW MANHOLE.
- 9 INSTALL A BLIND END CAP.
- 10 VALVE AND BOX PER CITY SPECIFICATIONS AND/OR SPRWS STANDARD PLATE D-2.
- 11 RECONSTRUCT MANHOLE TO MATCH GRADE (>17" ADJUSTMENT) – PER ST PAUL PLATE 2322 F
- 12 ADJUST VALVE BOX TO MATCH PROPOSED GRADE.
- 13 OFFSET WATER MAIN PER CITY SPECIFICATIONS AND/OR CITY STANDARD PLATE D-10.
- 14 WATER METER AND IRRIGATION EQUIPMENT LOCATION. CONNECT 2" CP (OR AS STATED ON THE PLAN) WATER SERVICE TO METER.
- 15 INSTALL 4" INSULATION, MAINTAIN CLEARANCE PER CITY SPECIFICATIONS AND/OR SPRWS STANDARD PLATE D-10.
- 16 CONNECT TO EXISTING SANITARY SEWER WITH COUPLING AS NEEDED.
- 17 REATTACH WATER SERVICE. SPRWS STANDARD PLATE D-13.
- 18 RECONSTRUCT WATER SERVICE TO ROW AND CONNECT TO EXISTING SERVICE.
- 19 REATTACH SANITARY SERVICE WITH COUPLING AS NEEDED.
- 20 RECONSTRUCT SANITARY SERVICE TO ROW AND CONNECT TO EXISTING SERVICE.
- 21 CAST IN PLACE MANHOLE (CIPMHL) REHABILITATION.
- 22 BUTTERFLY VALVE AND MANHOLE (SEE DETAIL 9 ON SHEET 1659).
- 23 AIR VENT INSTALLATION (SEE SPRWS STANDARD PLATE D-7).

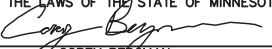
- 24 WATERMAIN BLOW-OFF (SEE SPRWS STANDARD PLATE D-8, OR D-9).
- 25 ADJUST FRAME AND RING CASTING (<6" ADJUSTMENT) – PER DETAIL 6A ON SHEET 1657.
- 26 ADJUST FRAME AND RING CASTINGS (7" TO 17" ADJUSTMENT) – PER ST PAUL PLATE 2321B.
- 27 RECONSTRUCT BRICK MANHOLE 7' DEPTH (>17" ADJUSTMENT) – PER ST PAUL PLATE 2322 F.
- 28 RECONSTRUCT MANHOLE PER MCES DETAIL 02D060.
- 29 RECONSTRUCT SANITARY SEWER SERVICE AS NECESSARY FOR WATERMAIN INSTALLATION – PER ST PAUL PLATE 2306 F.
- 30 REPLACE SANITARY SEWER SERVICE PER SFA 5, AS SHOWN IN TABLE ON SHEET 1664.
- 31 CONNECT TO WALL HYDRANT – DETAIL 1 ON SHEET 2637.

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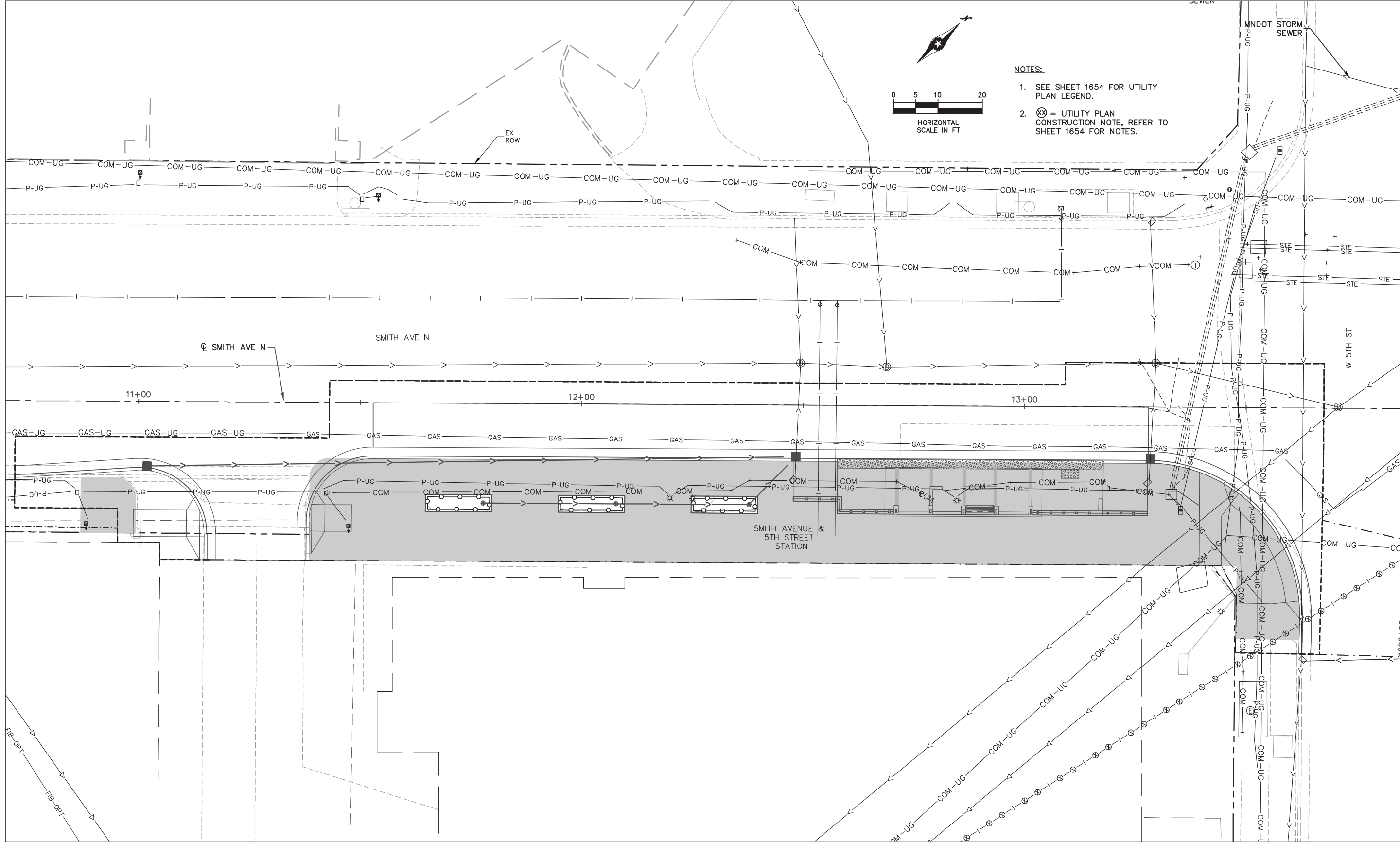
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CERTIFIED BY  COREY BERGMAN

LIC. NO. 45853 DATE 09/24/2021

LEGEND/UTILITY NOTES			
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)	1654 OF 2649	

EXHIBIT B



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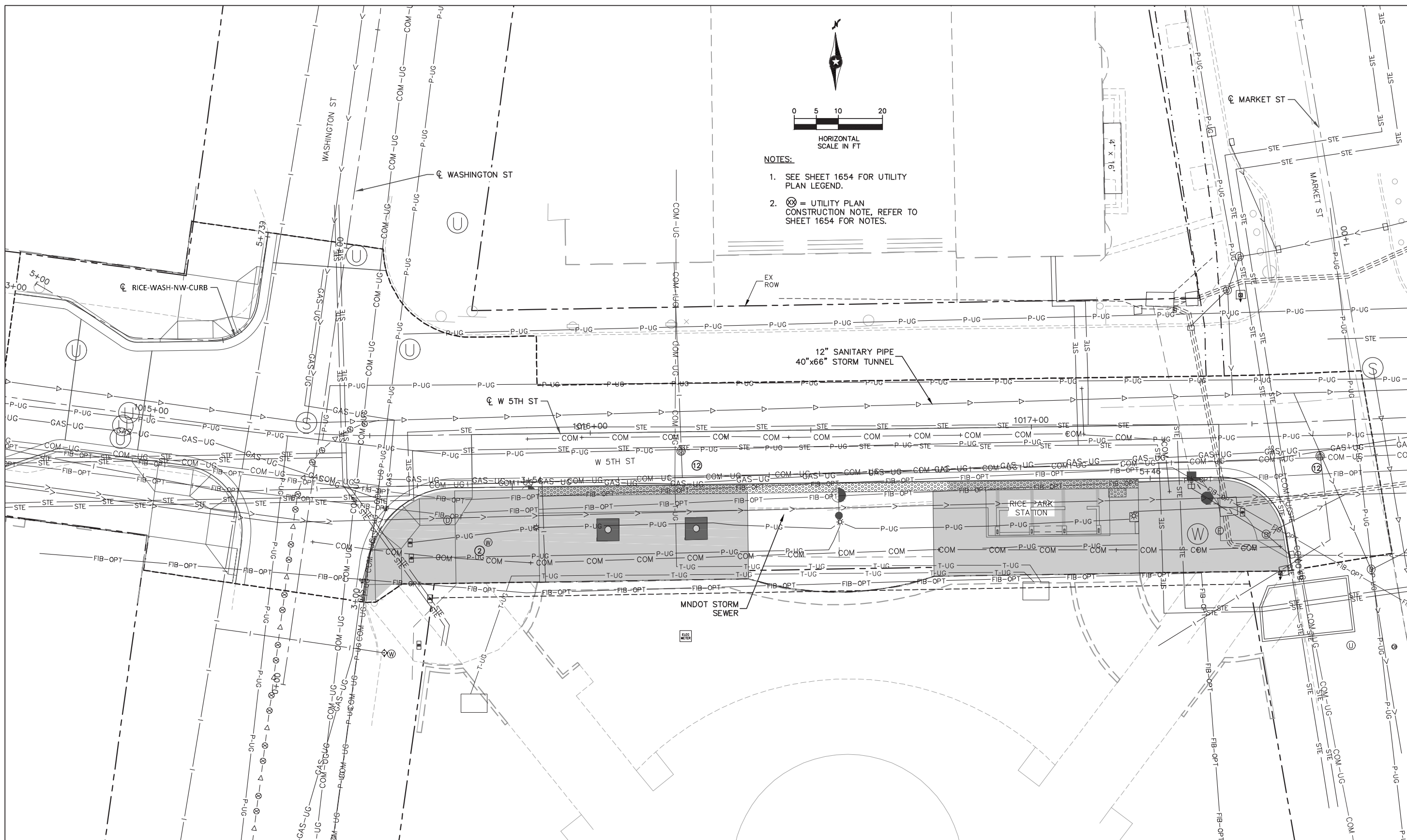


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UTILITY PLAN
SMITH AVENUE & 5TH STREET STATION

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)

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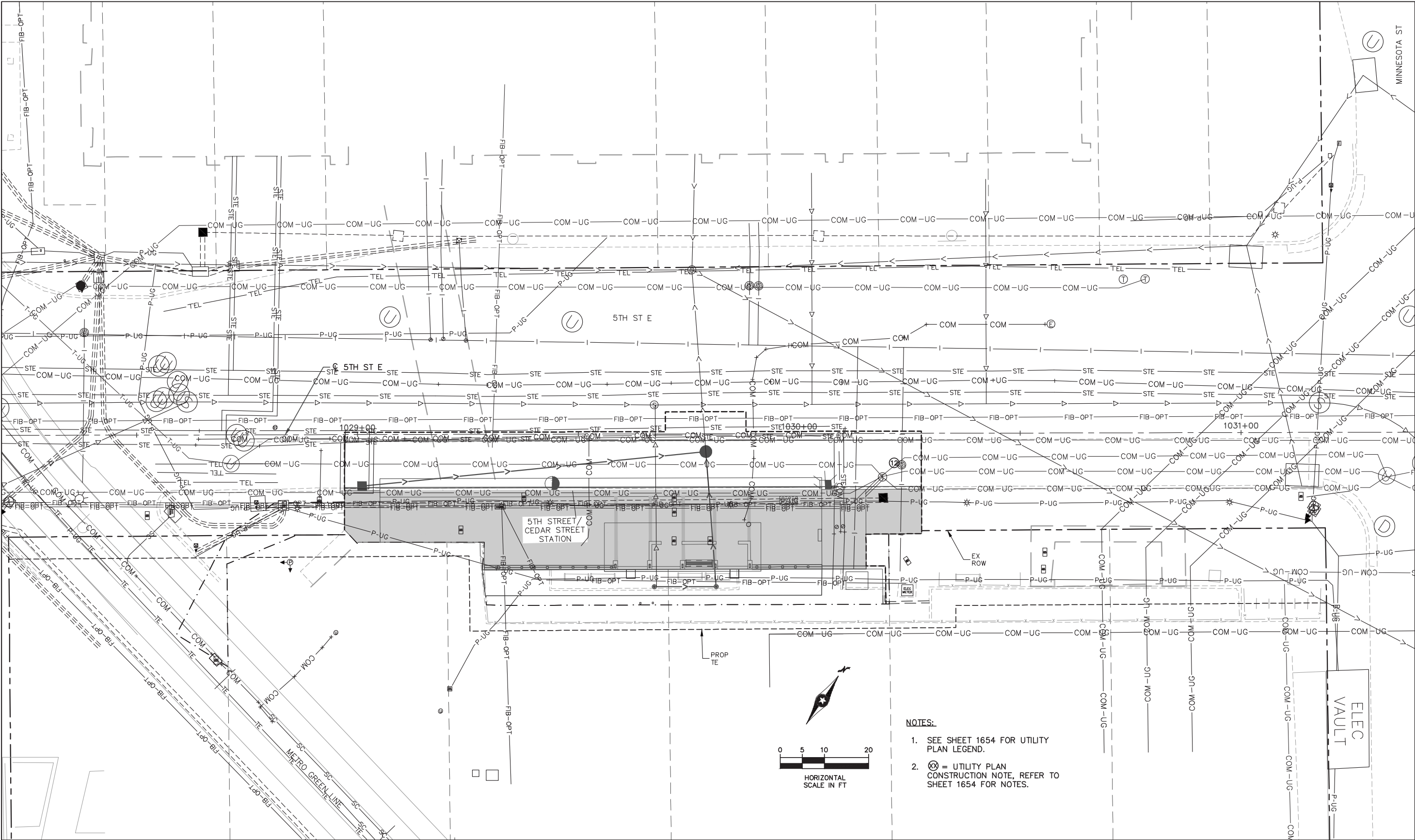
UTILITY PLAN

RICE PARK STATION

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DT110 OF DT300

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

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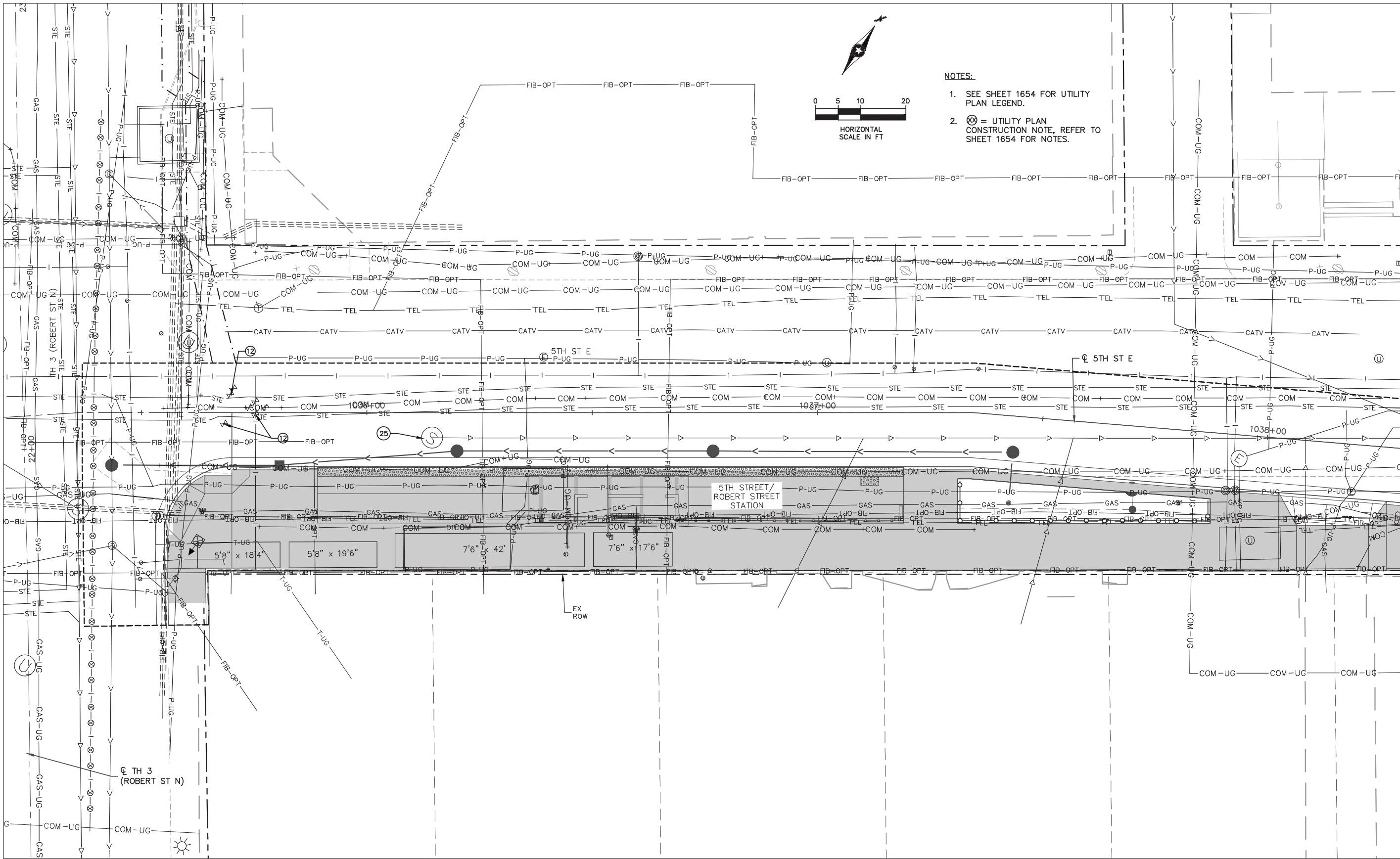
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UTILITY PLAN
5TH STREET & CEDAR STREET STATION

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DT133 OF DT300

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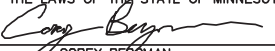
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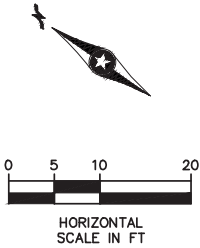
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UTILITY PLAN
5TH STREET & ROBERT STREET STATION

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EXHIBIT B

- NOTES:
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VERIFY LOCATION OF EXISTING WATER SERVICE AND END CASING 5' BEFORE TIE-IN TO WATER SERVICE

UNION DEPOT/ SIBLEY STREET STATION

4'x8' INSULATION PLANK 19
REROUTE SERVICE 10 12
6" GV
38'-6" DIP
22'-18" SPLIT STEEL CASING PIPE
CUT IN 12"x6" TEE

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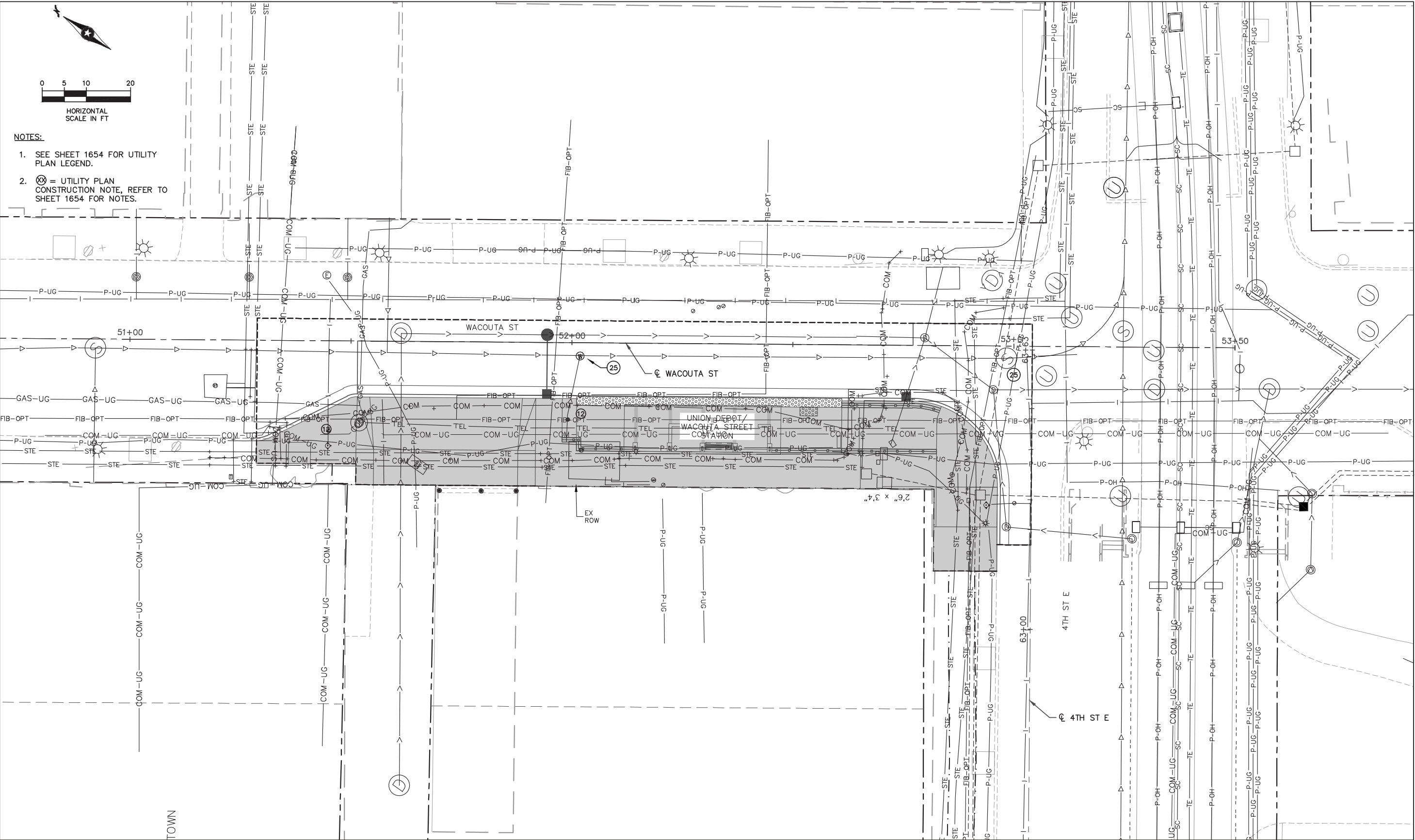
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UTILITY PLAN
UNION DEPOT & SIBLEY STREET STATION

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DT190 OF DT300

EXHIBIT B



- NOTES:
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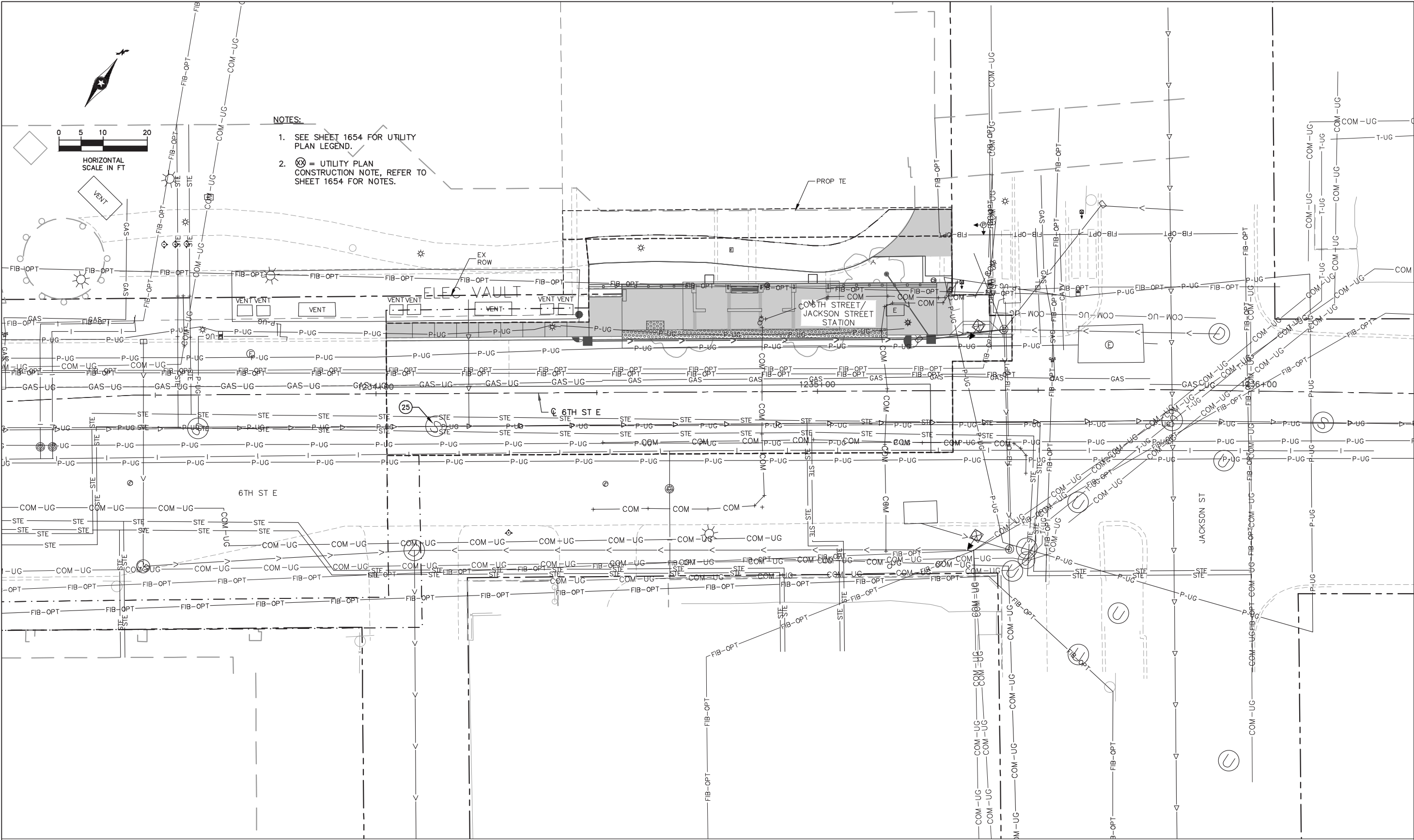
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UTILITY PLAN
UNION DEPOT & WACOUTA STREET STATION

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DT213 OF DT300

EXHIBIT B



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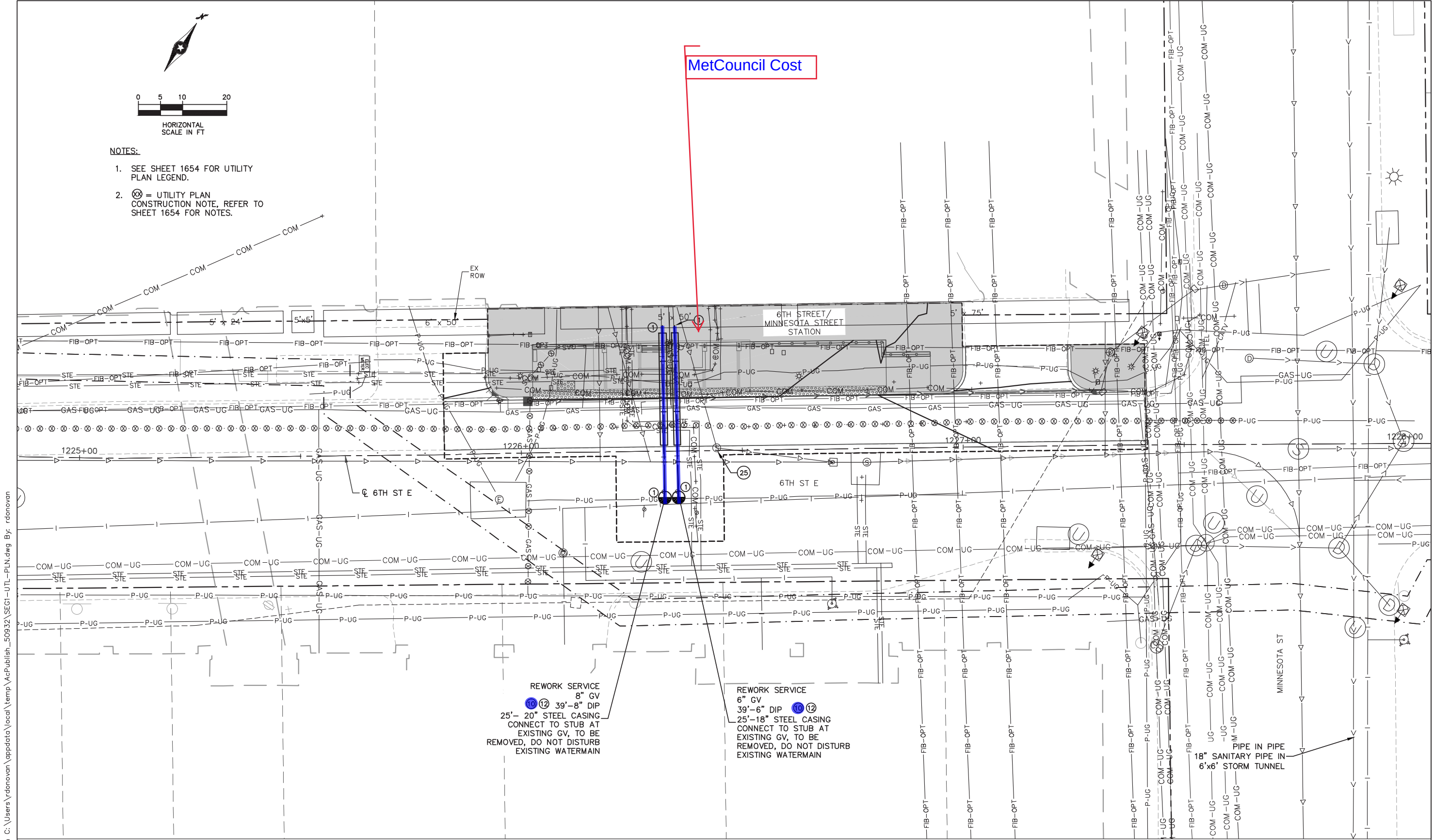
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UTILITY PLAN
6TH STREET & JACKSON STREET STATION

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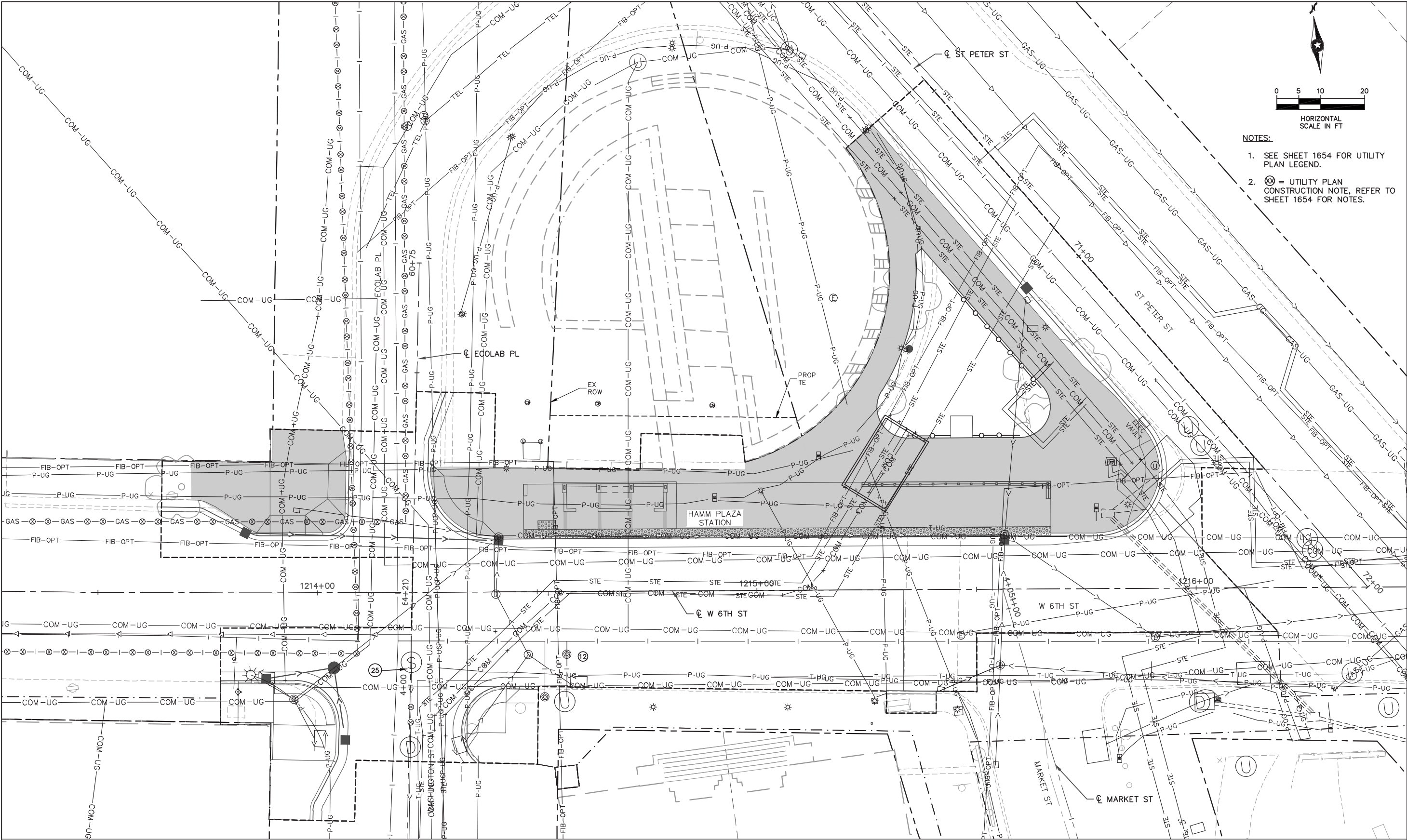
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UTILITY PLAN
6TH STREET & MINNESOTA STREET STATION

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DT260 OF DT300

EXHIBIT B



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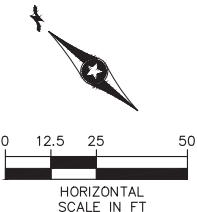
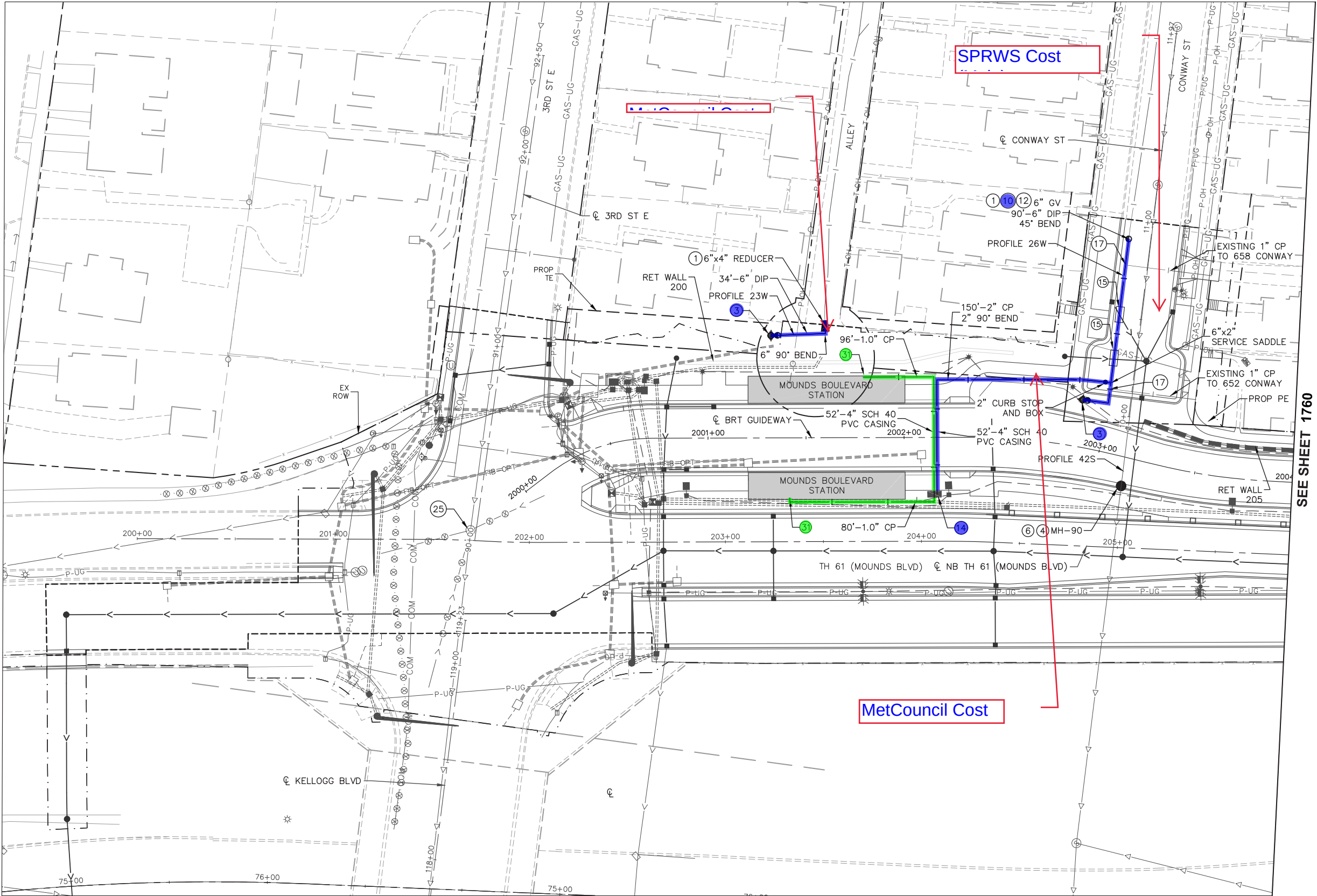
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

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

UTILITY PLAN
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)

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\dwg\p\gic36\00218635\SEG2-UTL-PLN.dwg By: rdonovan

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 DESIGNED: CJB
 CHECKED: PJH



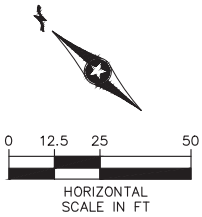
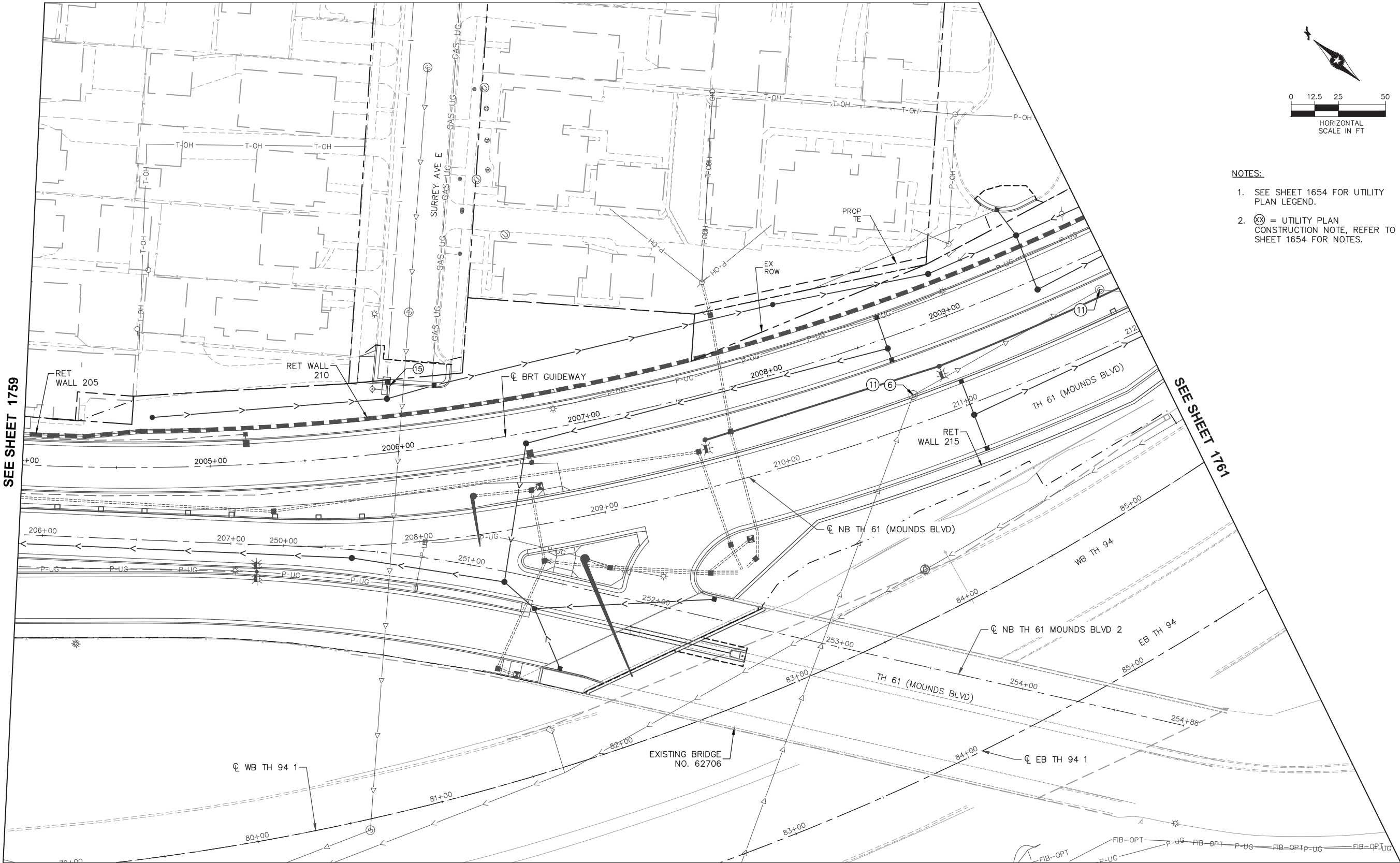
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

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:

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

SEE SHEET 1759

SEE SHEET 1761

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CHECKED: PJH

Kimley»Horn

Sambatek

METROPOLITAN

METRO Gold Line

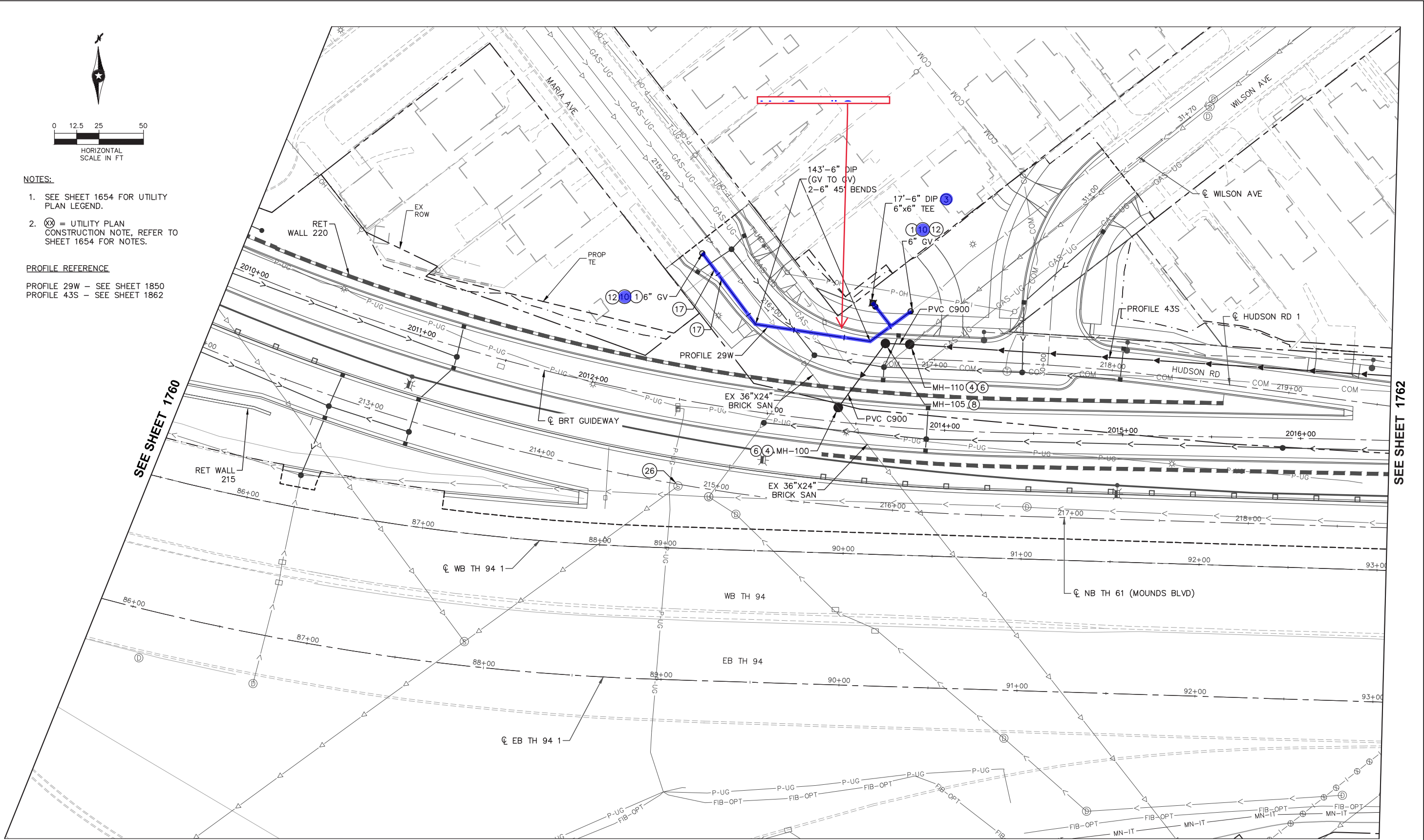
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CERTIFIED BY COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

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

PROFILE REFERENCE

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

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DESIGNED: CJB
CHECKED: PJH



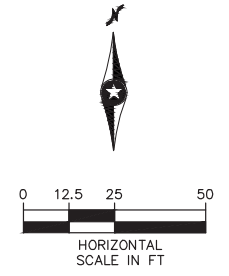
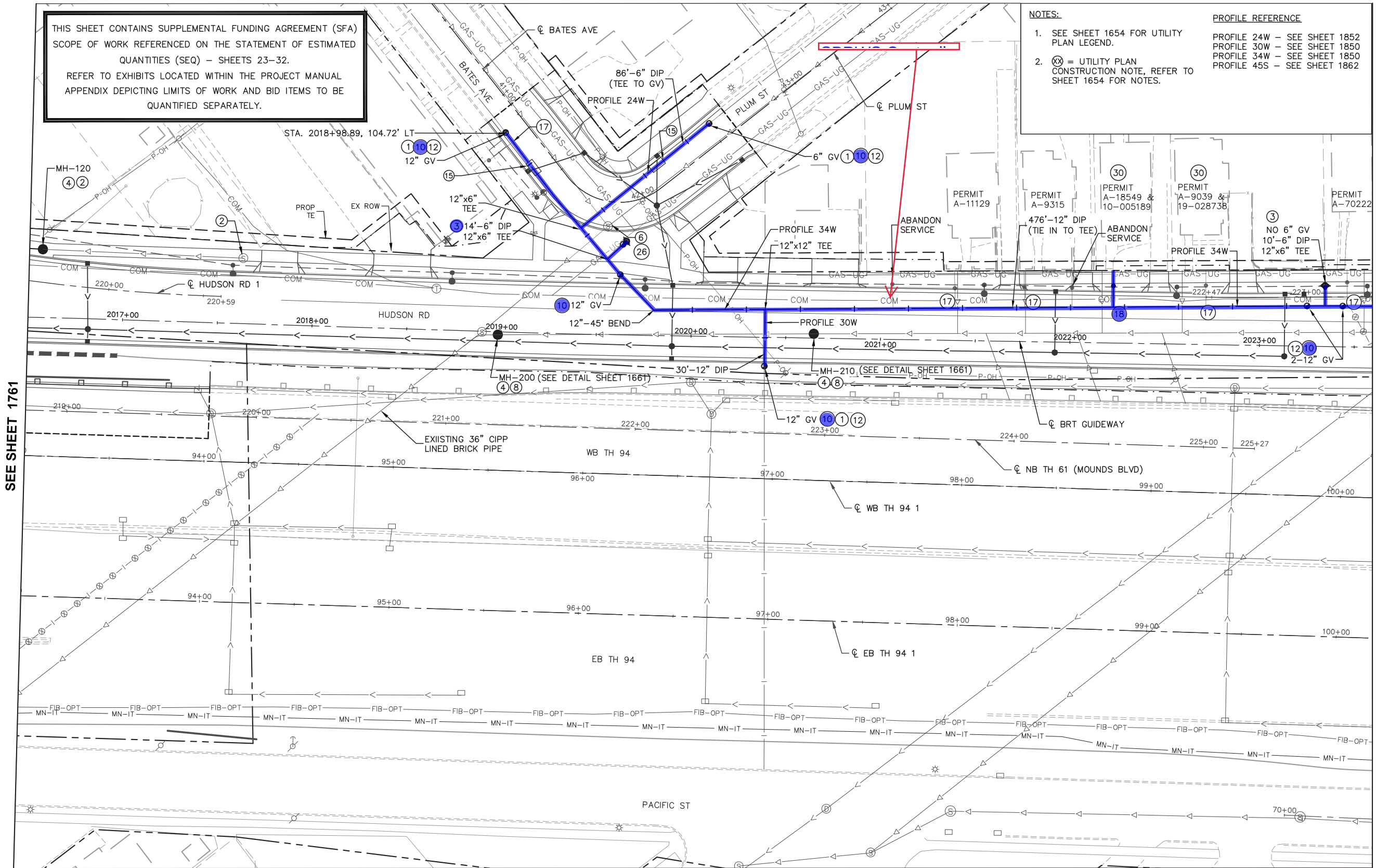
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CERTIFIED BY COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

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



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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)

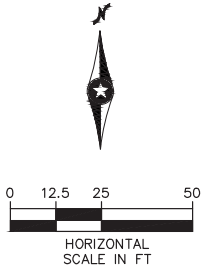
EXHIBIT B

NOTES:

1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
2. (XX) = 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

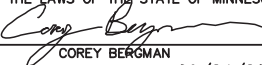
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NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
DESIGNED: CJB
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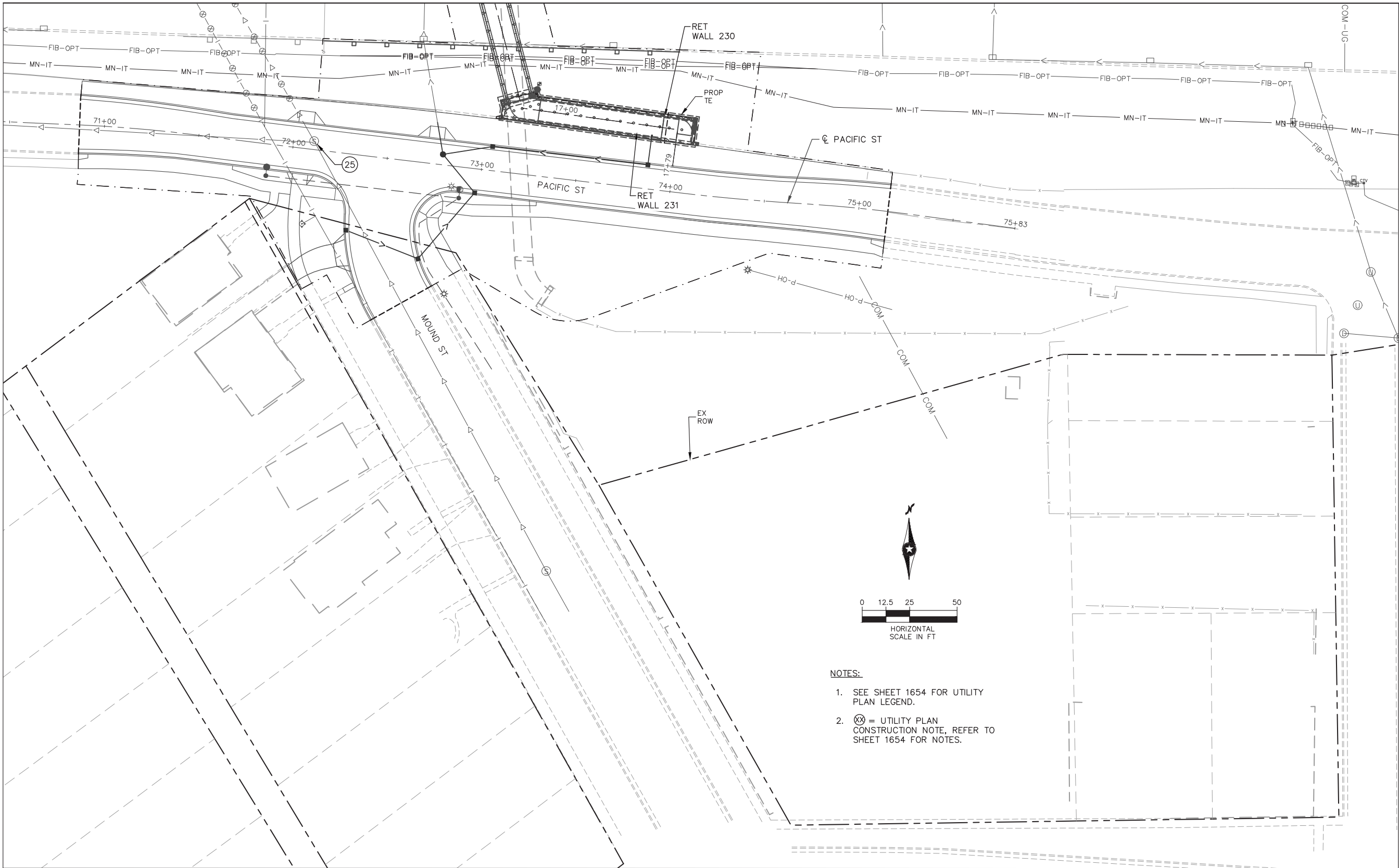
CERTIFIED BY: 
LIC. NO. 45853 DATE 09/24/2021

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

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DESIGNED: CJB
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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)
1764 OF 2649	

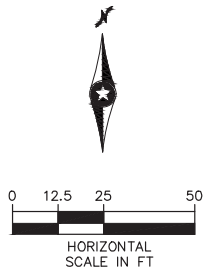
EXHIBIT B

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.

ENDING Cast all

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

SEE SHEET 1763

SEE SHEET 1766

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NO.	REVISIONS	BY	APP	DATE

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DJD
DESIGNED:
CJB
CHECKED:
PJH

KimleyHorn
Sambatek
Engineering Group Inc.

METROPOLITAN
COUNCIL

METRO
Gold Line

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BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

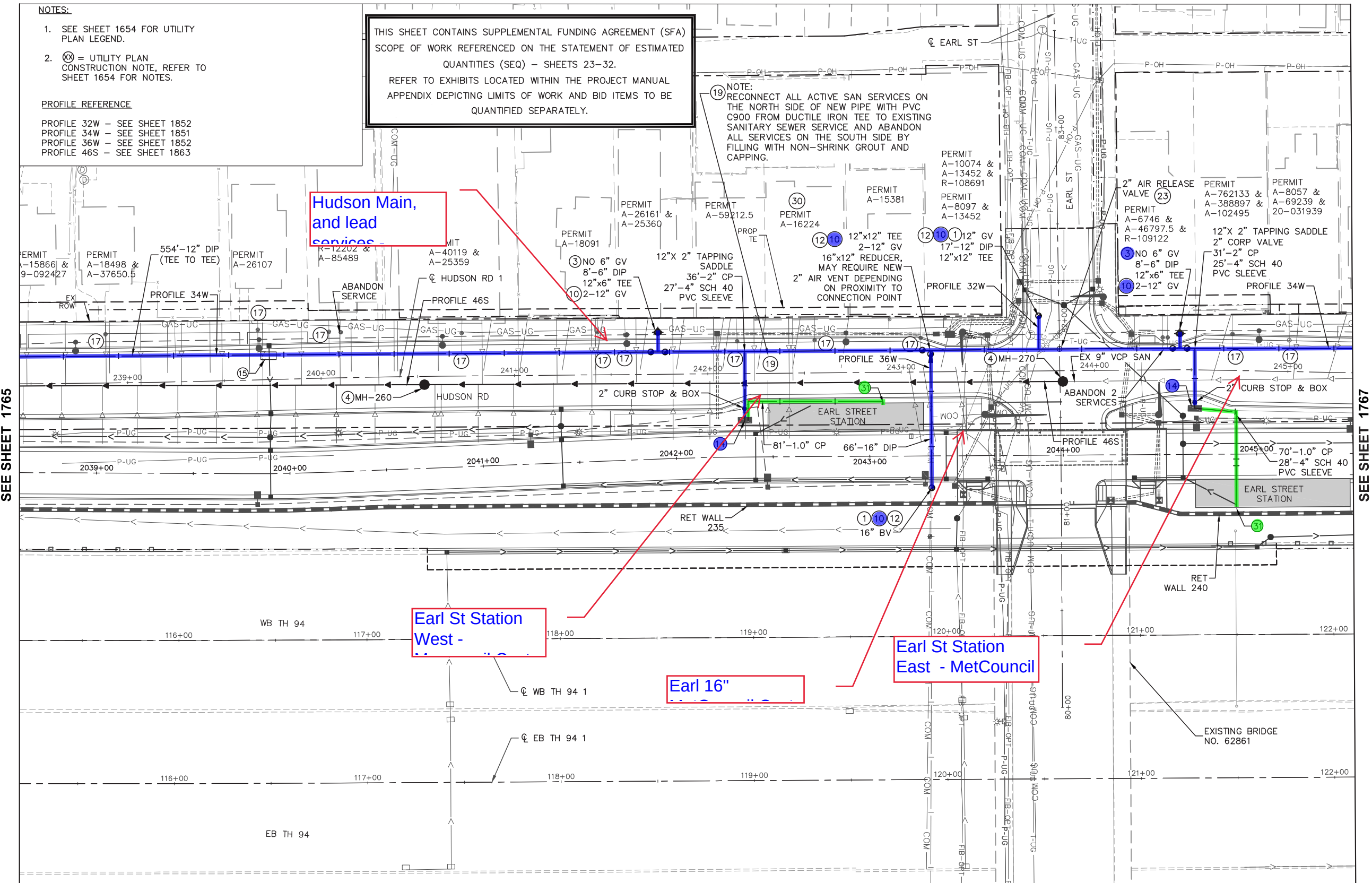
CERTIFIED BY
COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

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



NO.	REVISIONS	BY	APP	DATE

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DESIGNED:	CJB
CHECKED:	PJH



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

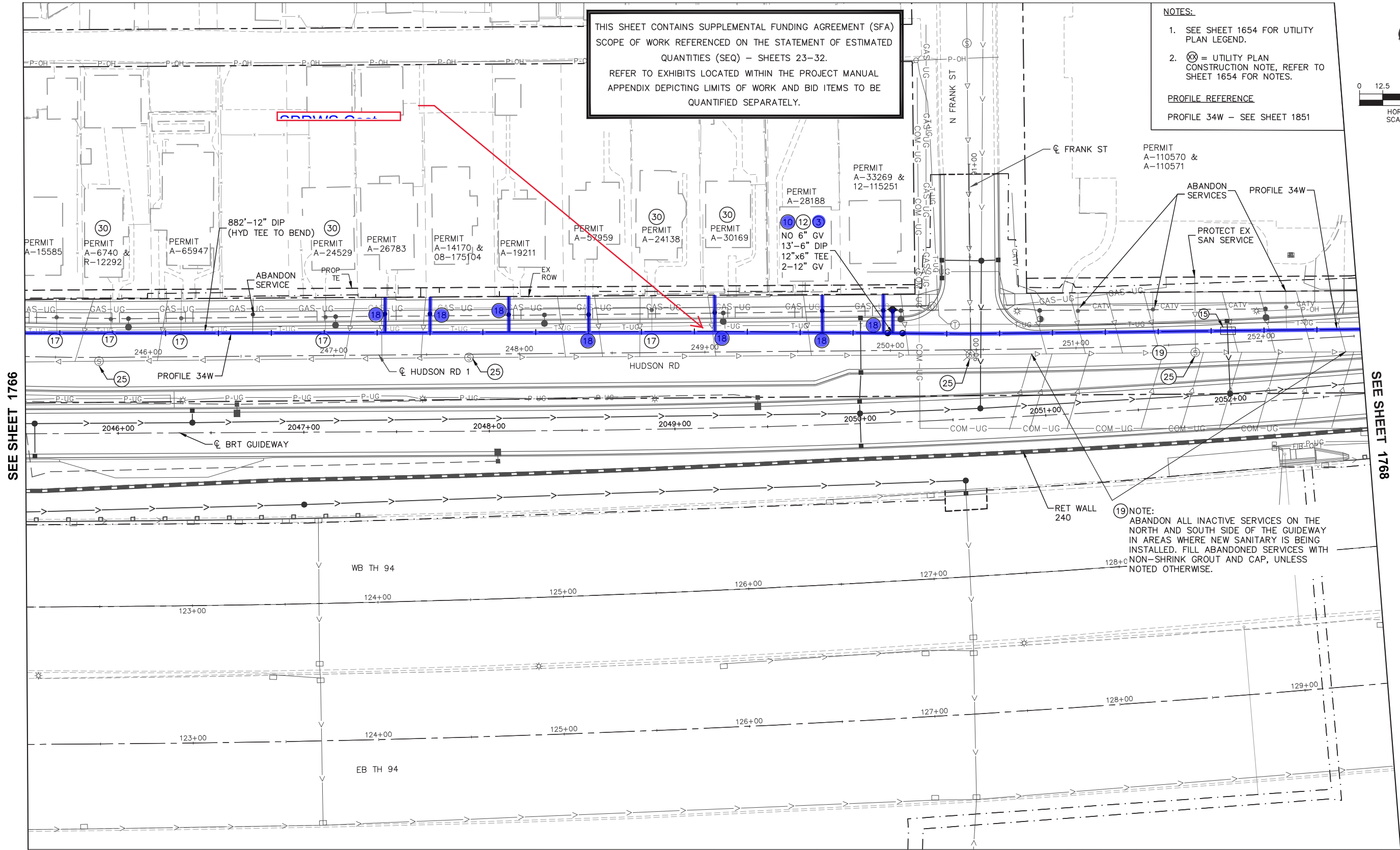
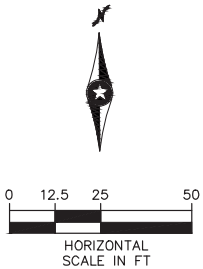
UTILITY PLAN

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

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.
- PROFILE REFERENCE
PROFILE 34W - SEE SHEET 1851



SEE SHEET 1766

SEE SHEET 1768

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NO.	REVISIONS	BY	APP	DATE

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DESIGNED:
CJB
CHECKED:
PJH

Kimley»Horn
Sambatek
Engineering • Planning • Construction

METROPOLITAN
COUNCIL

METRO
Gold Line

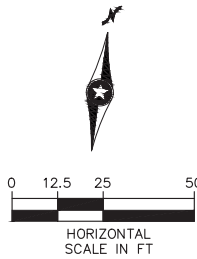
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED
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PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
CERTIFIED BY *Corey Bergman*
LIC. NO. 45853 DATE 09/24/2021

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)

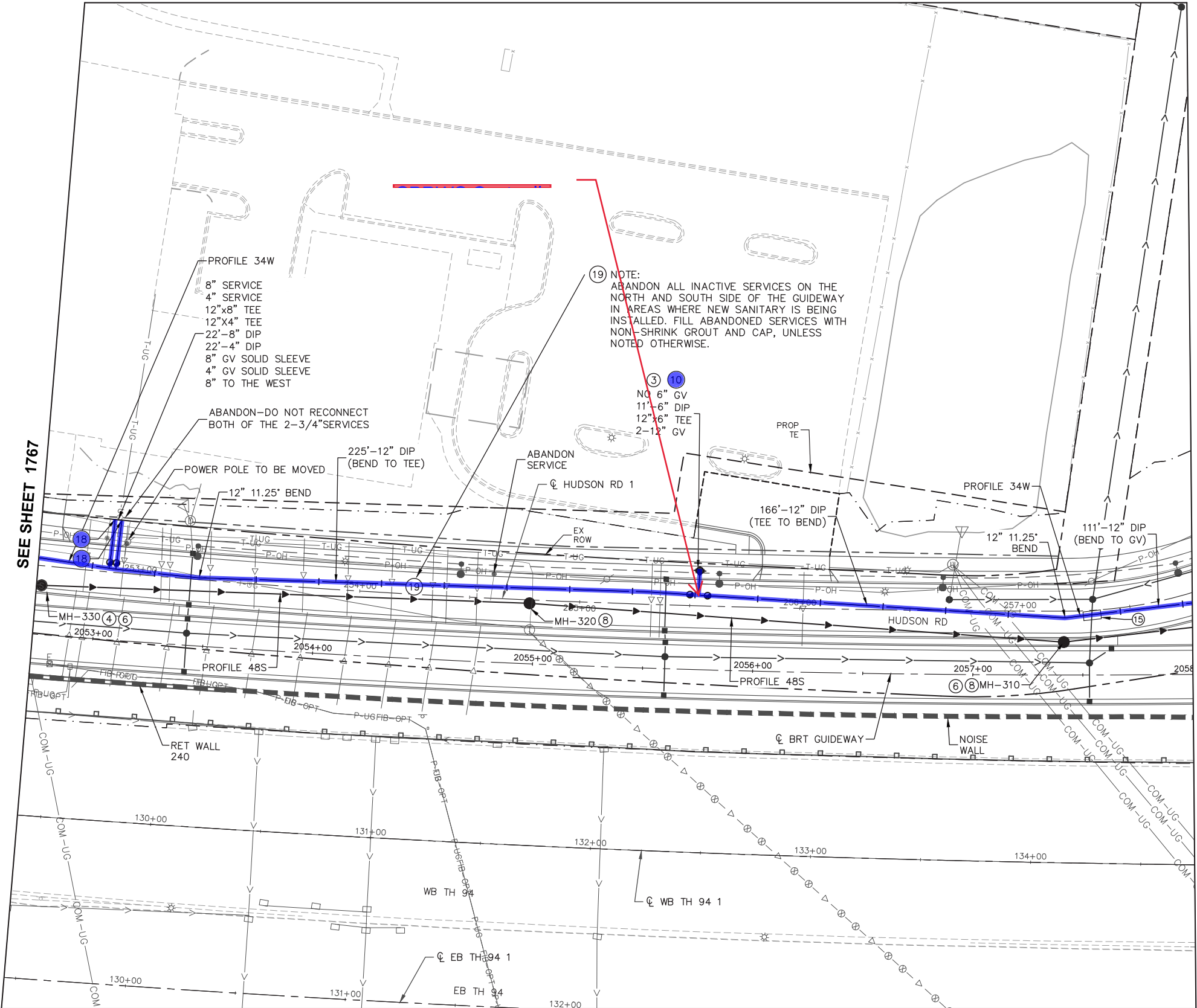
EXHIBIT B

SEE SHEET 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



NO.	REVISIONS	BY	APP	DATE	

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DESIGNED: CJB
CHECKED: PJH



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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)

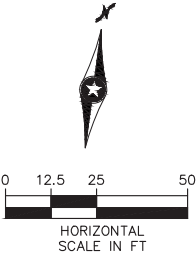
Nov, 10 2021 04:20 pm C:\Users\rdonovan\appdata\local\temp\AePublish_30068\SEC2-UTL-PLN.dwg By: rdonovan

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 1768

SEE SHEET 1770

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
DESIGNED: CJB
CHECKED: PJH



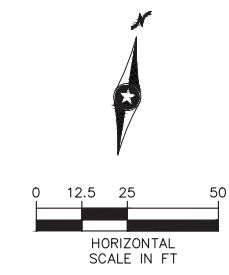
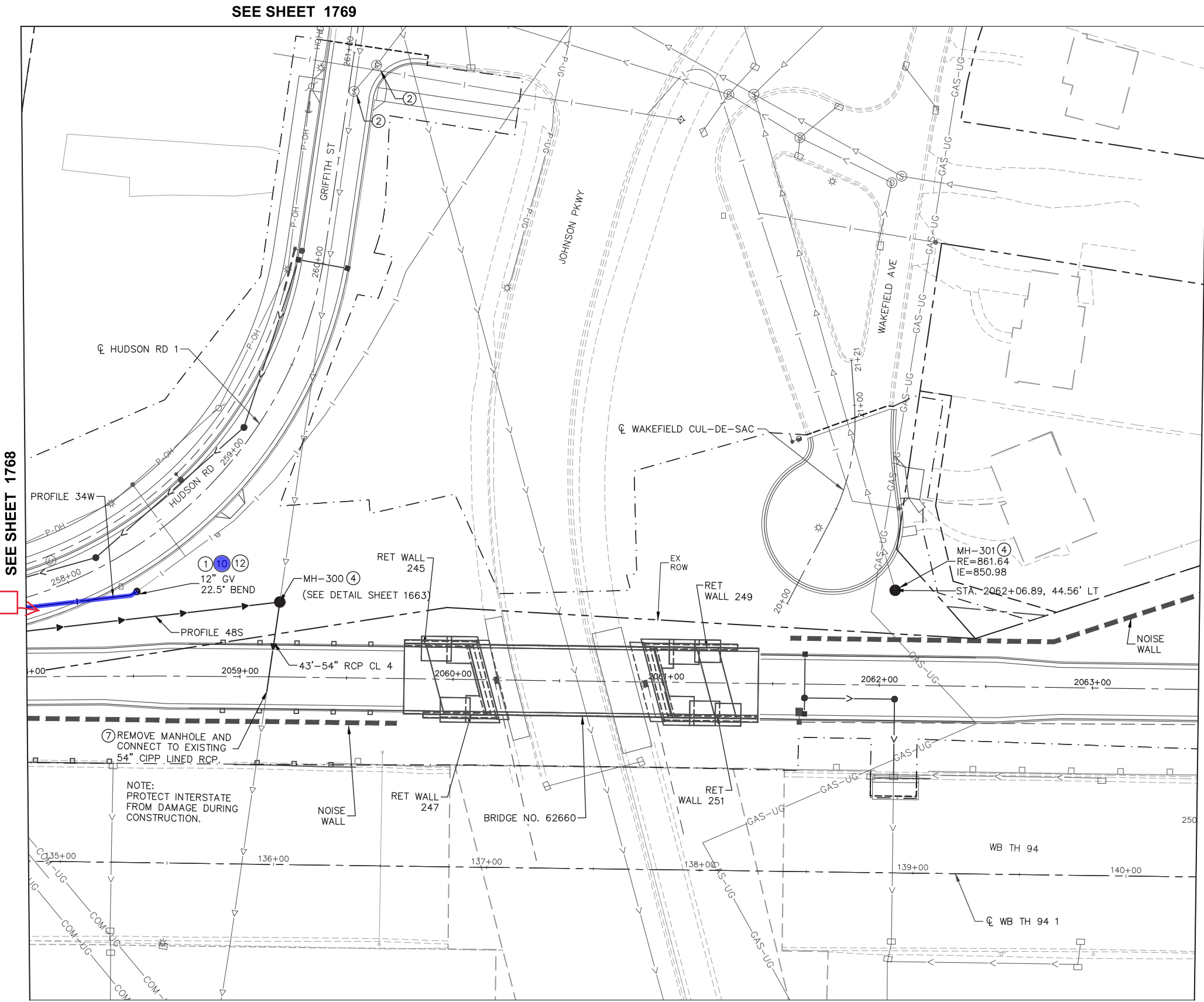
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LIC. NO. 45853 DATE 09/24/2021

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.

PROFILE REFERENCE

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

SPRWS Cost

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
DESIGNED: CJB
CHECKED: PJH

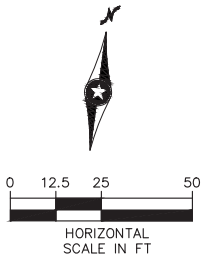
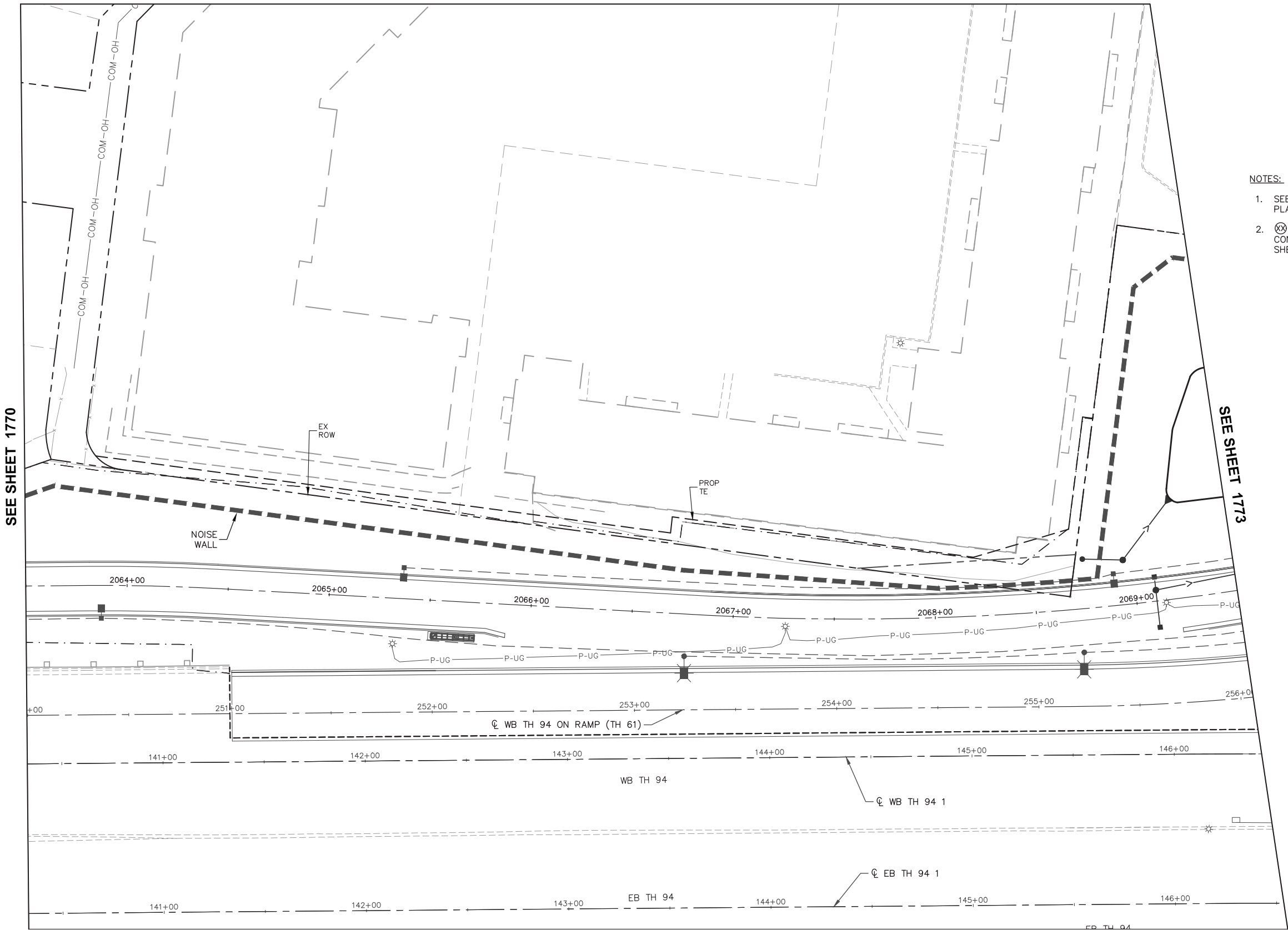
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EXHIBIT B

SEE SHEET 1772



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

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DJD
DESIGNED:
CJB
CHECKED:
PJH

Kimley»Horn

Sambatek

METROPOLITAN

METRO Gold Line

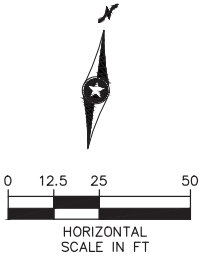
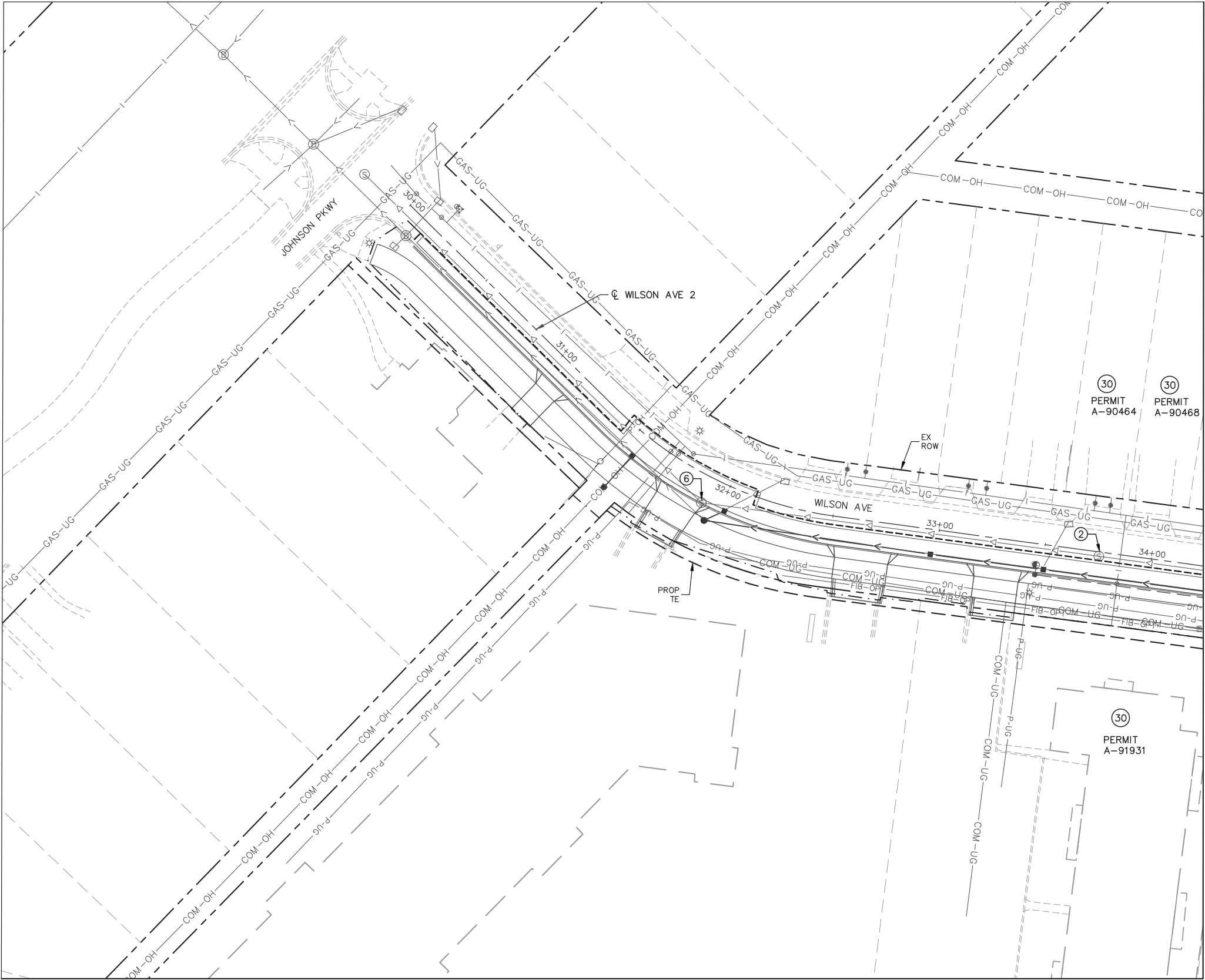
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CERTIFIED BY Corey Bergman
 LIC. NO. 45853 DATE 09/24/2021

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

SEE SHEET 1774

SEE SHEET 1771

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DESIGNED: CJB
CHECKED: PJH



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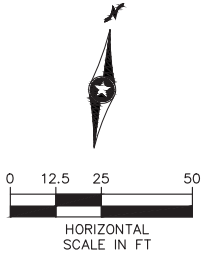
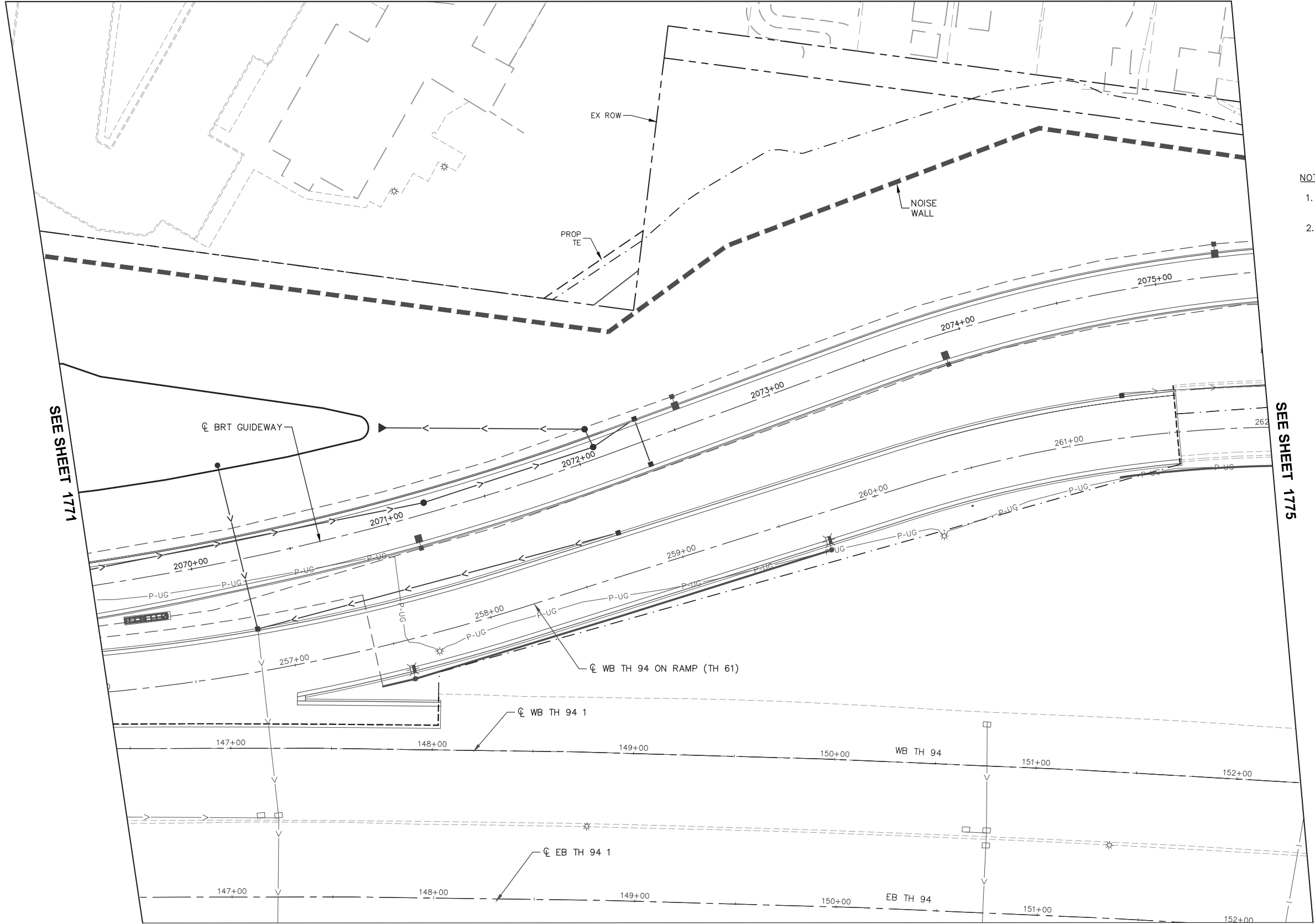
CERTIFIED BY *Corey Bergman*
COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

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

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

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NO.	REVISIONS	BY	APP	DATE

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DJD
DESIGNED:
CJB
CHECKED:
PJH

Kimley»Horn

Sambatek

METROPOLITAN

METRO Gold Line

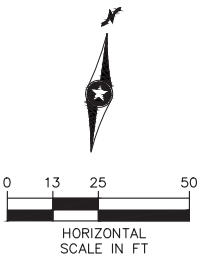
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CERTIFIED BY COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

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

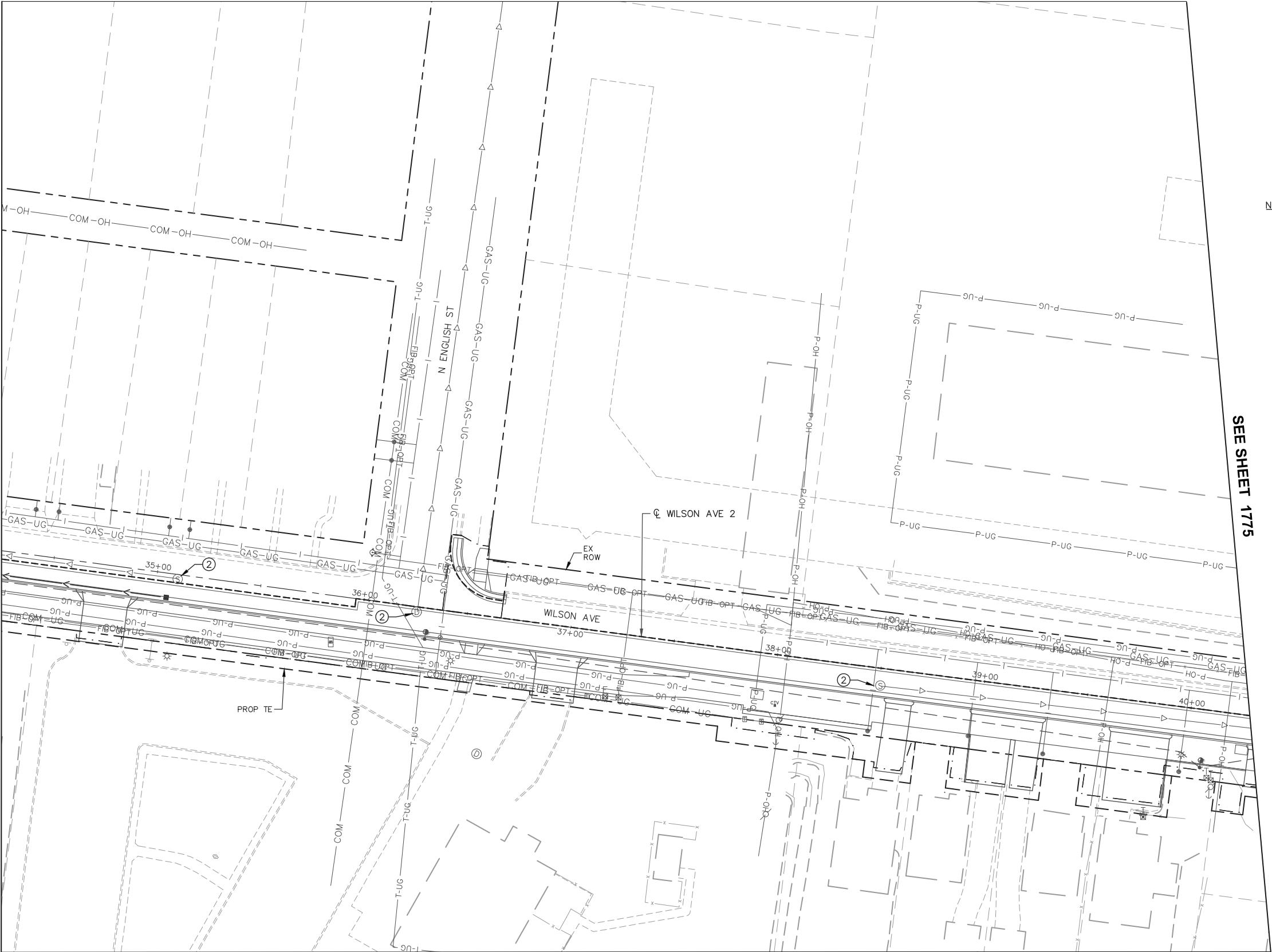


- NOTES:
1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
 2. ⓧ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

SEE SHEET 1772

SEE SHEET 1775

SEE SHEET 1773



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NO.	REVISIONS	BY	APP	DATE

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DJD
DESIGNED:
CJB
CHECKED:
PJH



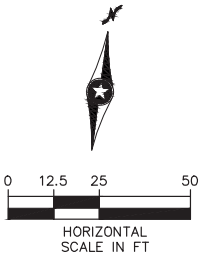
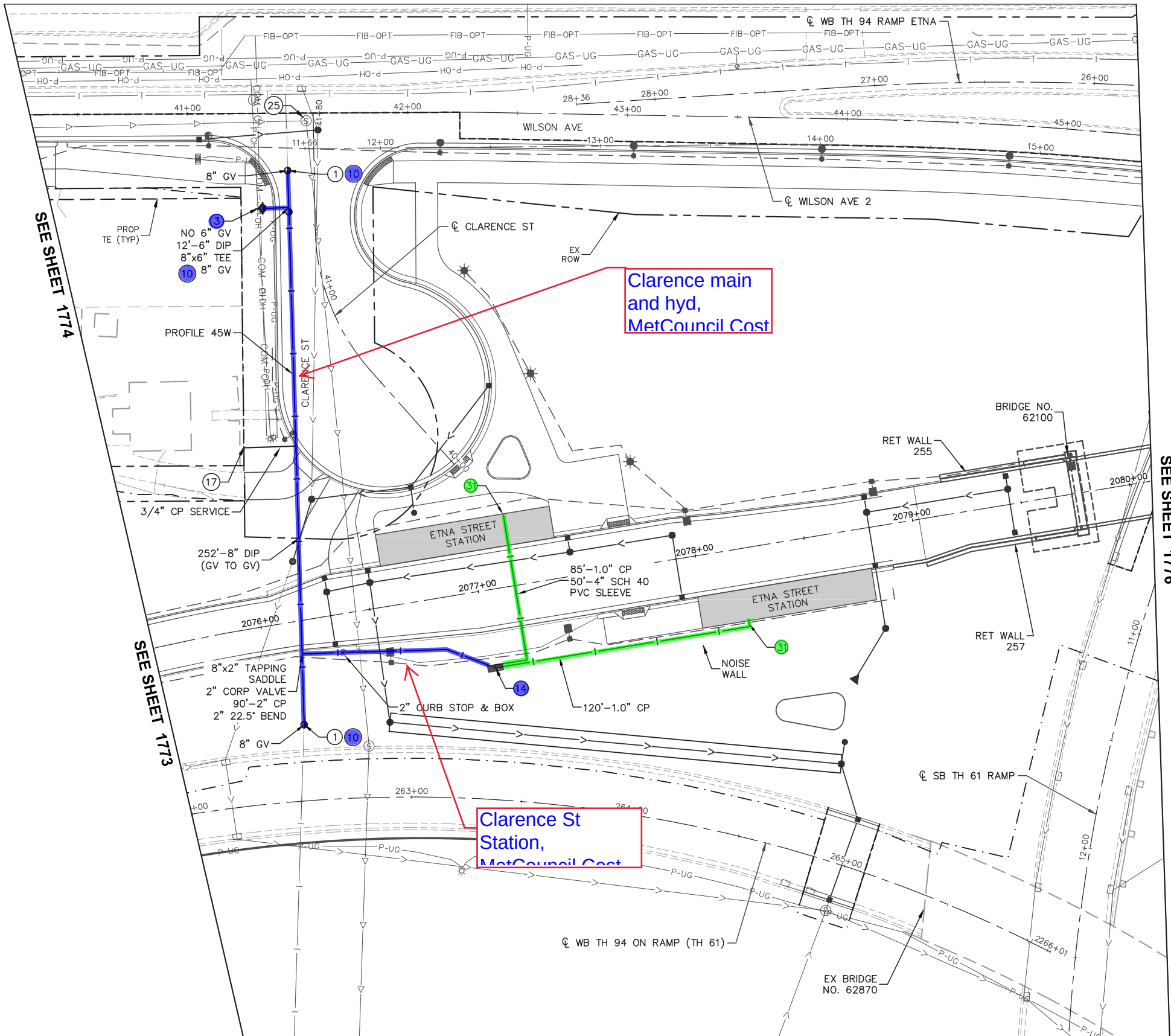
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CERTIFIED BY Corey Bergman
LIC. NO. 45853 DATE 09/24/2021

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

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

NO.	REVISIONS	BY	APP	DATE

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 DESIGNED: CJB
 CHECKED: PJH



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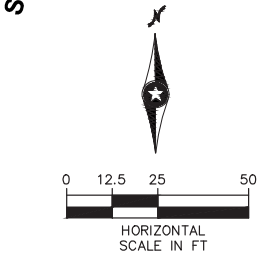
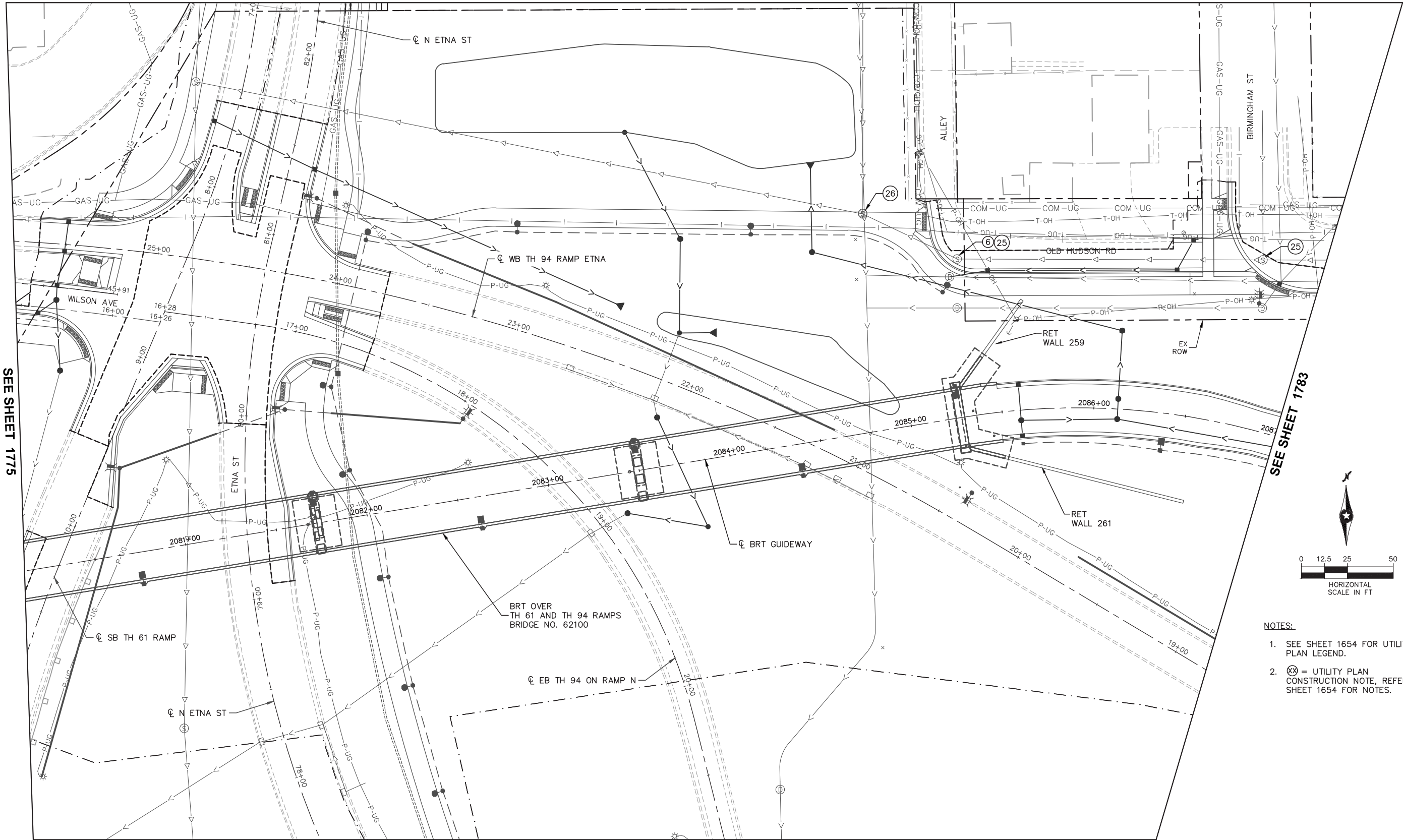
CERTIFIED BY *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

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

SEE SHEET 1778



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

SEE SHEET 1779

Nov, 30 2021 11:03 am C:\caddlib\pw\g\c3d\0218635\SEC2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE	

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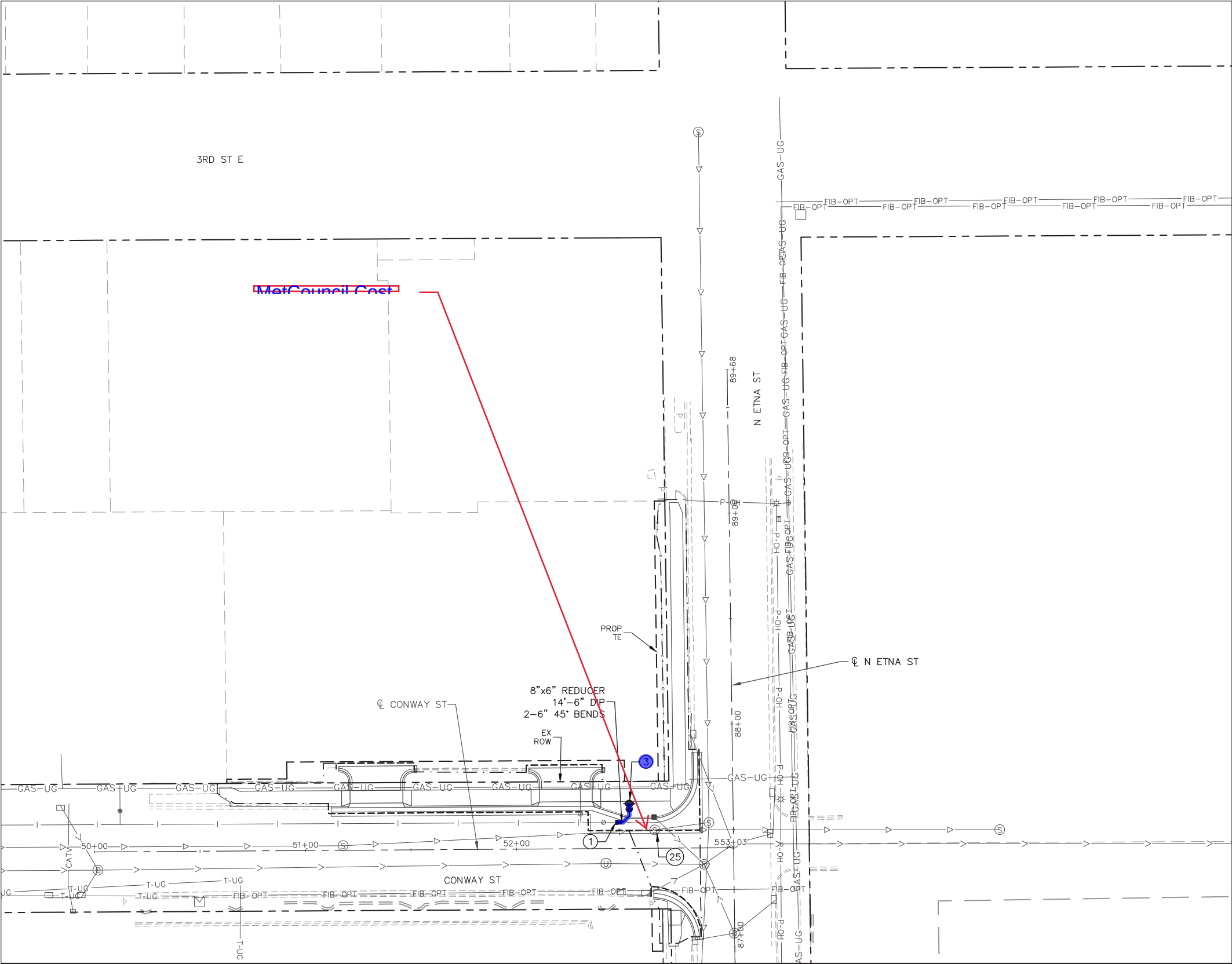
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LIC. NO. 45853 DATE 09/24/2021

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.

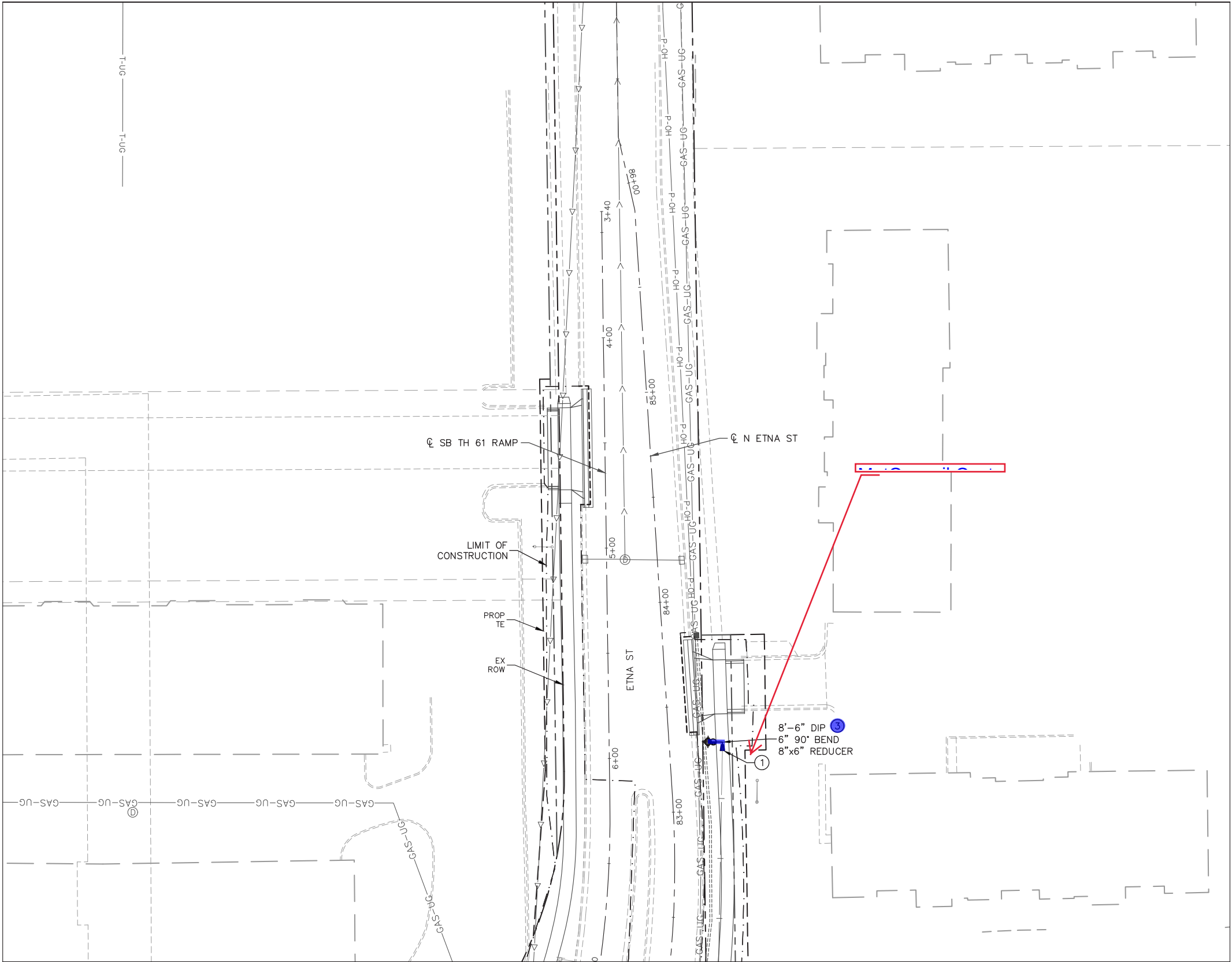
SEE SHEET 1778

Sep. 23 2021 07:59 am C:\cadd\dwg\paw\gic3d\00218635\SEC2-UTL-PLN.dwg By: rdonovan

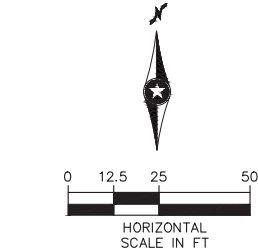
					DRAWN: DJD		I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. CERTIFIED BY COREY BERGMAN LIC. NO. 45853 DATE 09/24/2021	UTILITY PLAN STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)	1777 OF 2649
					DESIGNED: CJB				
					CHECKED: PJH				
NO.	REVISIONS	BY	APP	DATE					

EXHIBIT B

SEE SHEET 1777



SEE SHEET 1776



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

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NO.	REVISIONS	BY	APP	DATE

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DESIGNED:
CJB
CHECKED:
PJH

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

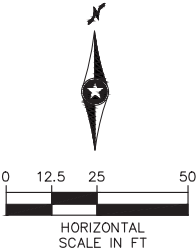
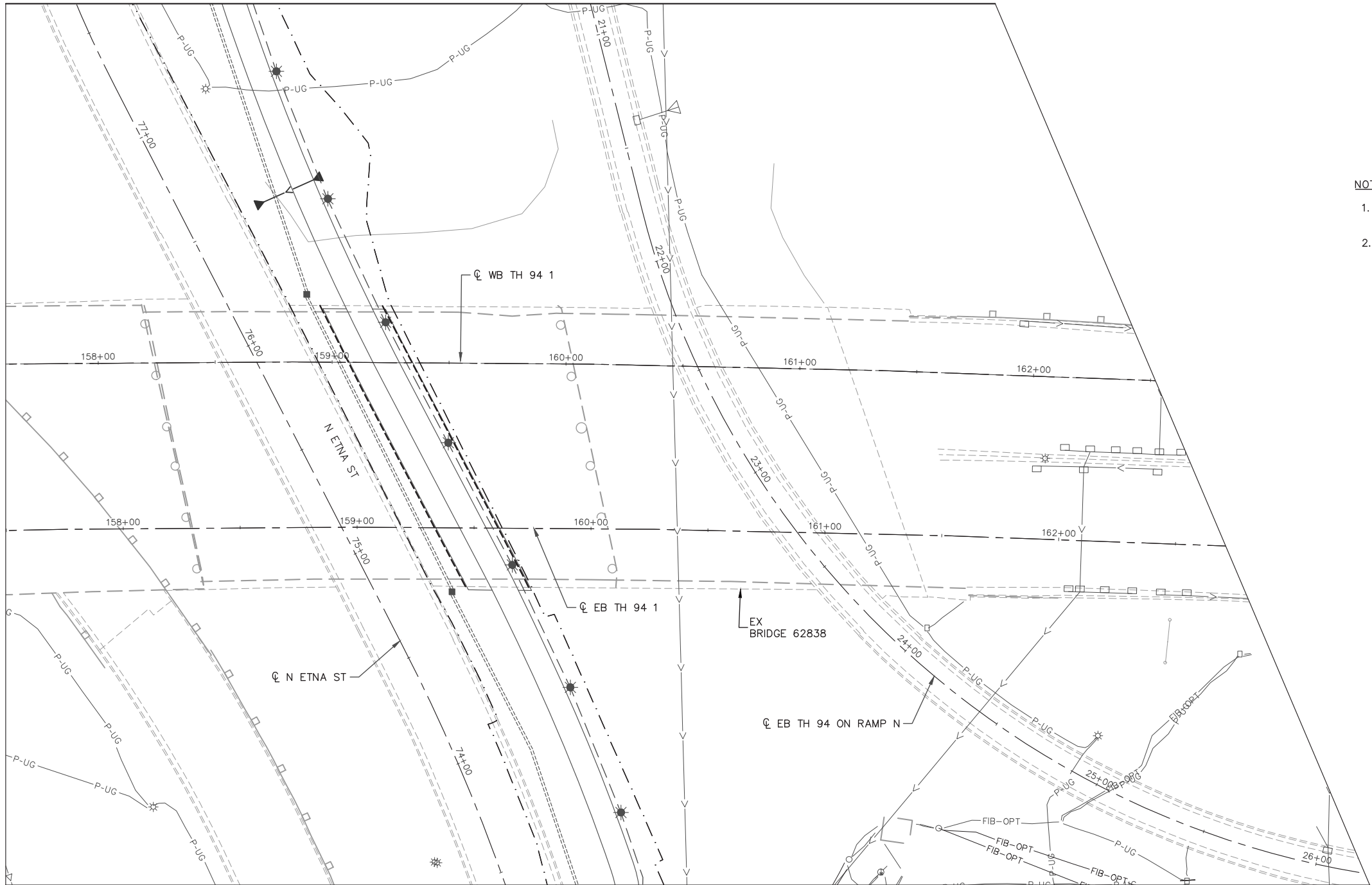
UTILITY PLAN

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

SEE SHEET 1780

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

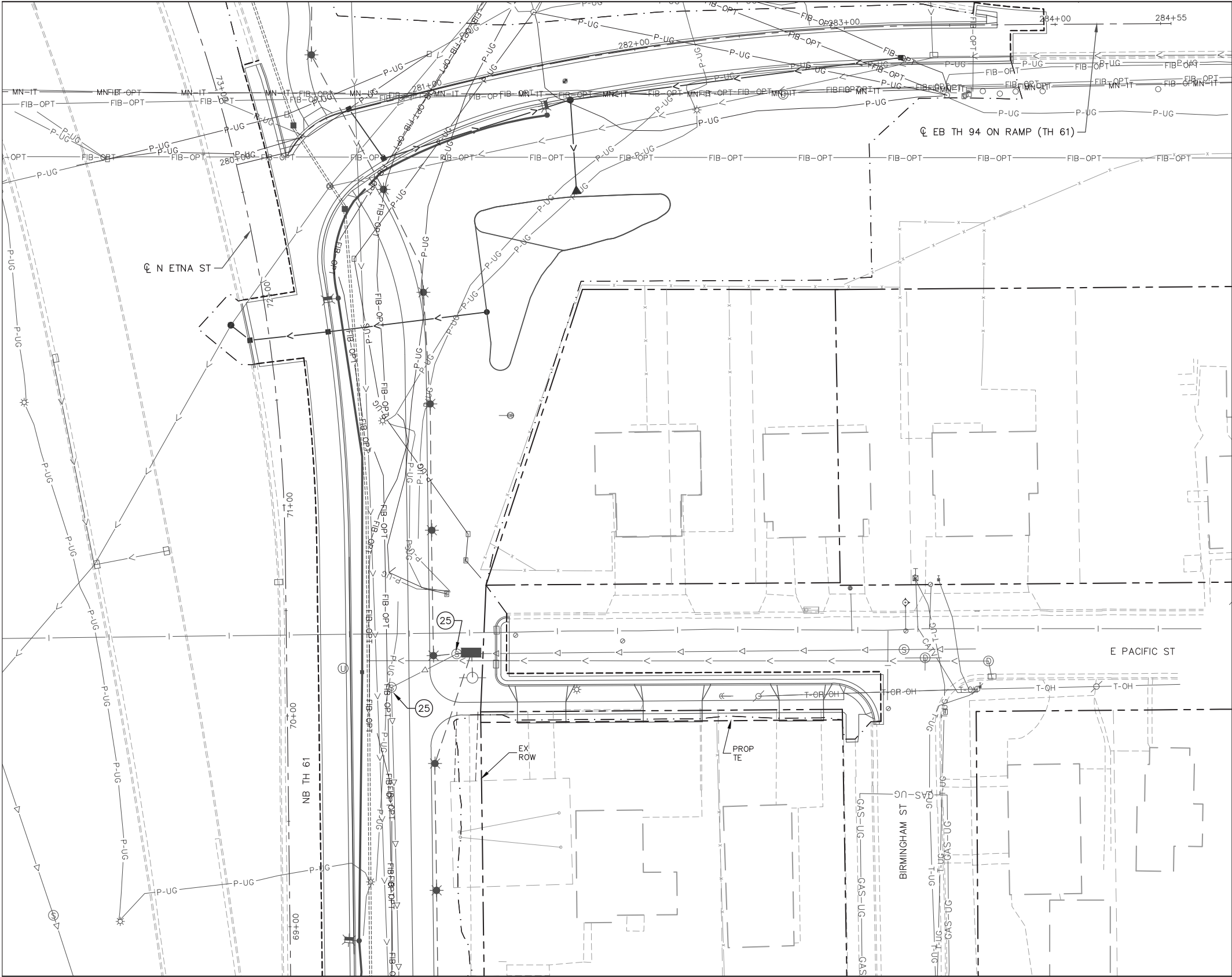
UTILITY PLAN

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)

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

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NO.	REVISIONS	BY	APP	DATE

DRAWN:
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CJB
CHECKED:
PJH

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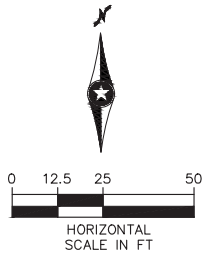
CERTIFIED BY
LIC. NO. 45853
DATE 09/24/2021

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 1780



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

SEE SHEET 1782

Sep. 23 2021 08:01 am C:\cadd\lib\pw\glc3d\0218635\SEG2-UTL-PLN.dwg By: rdonovan

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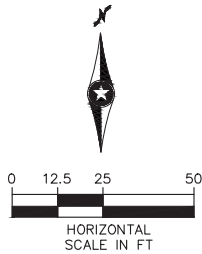
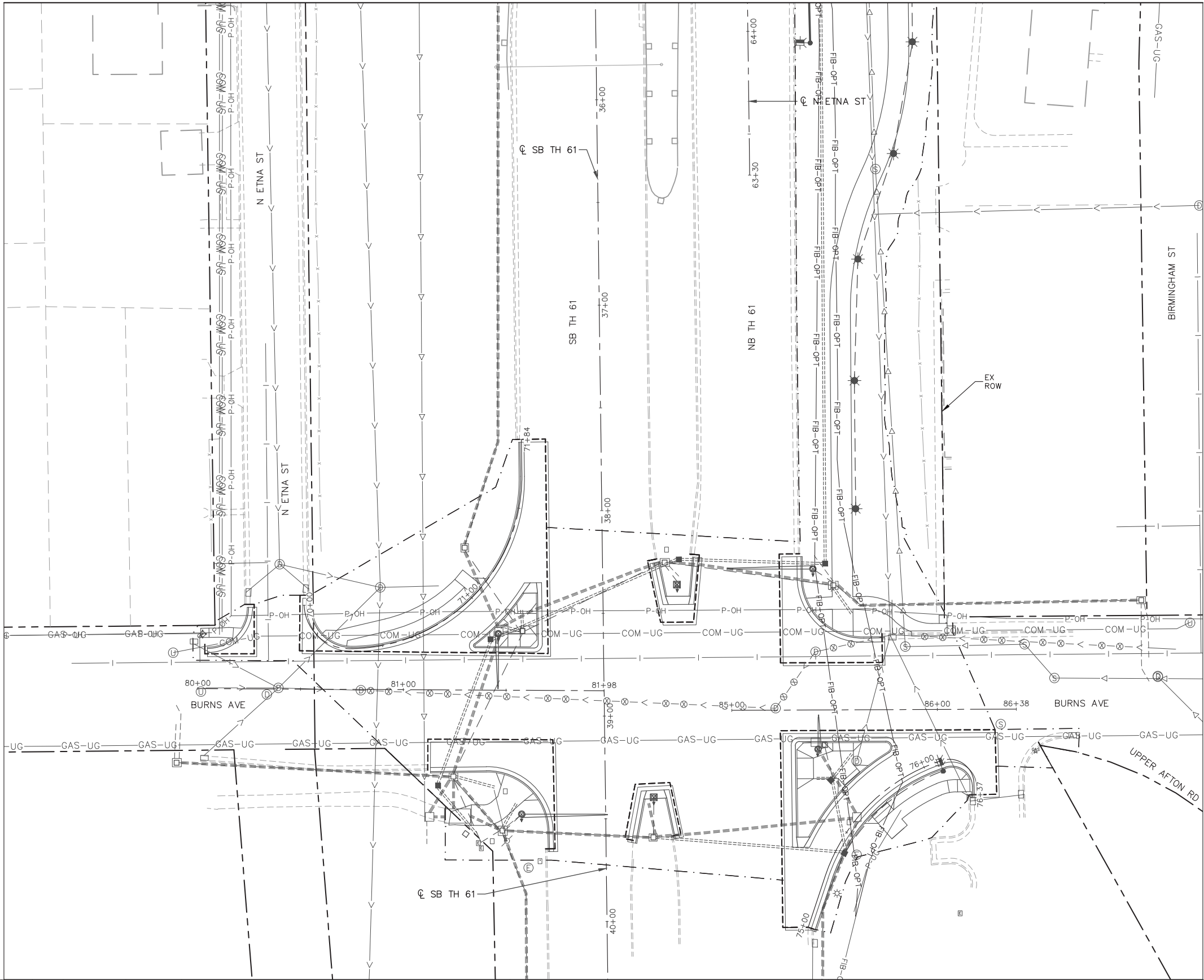
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CERTIFIED BY
COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

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 1781



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

Sep. 23 2021 08:02 am C:\cadd\dwg\pw\gic3d\0218635\SEG2-UTL-PLN.dwg By: rdonovan

NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
DESIGNED: CJB
CHECKED: PJH

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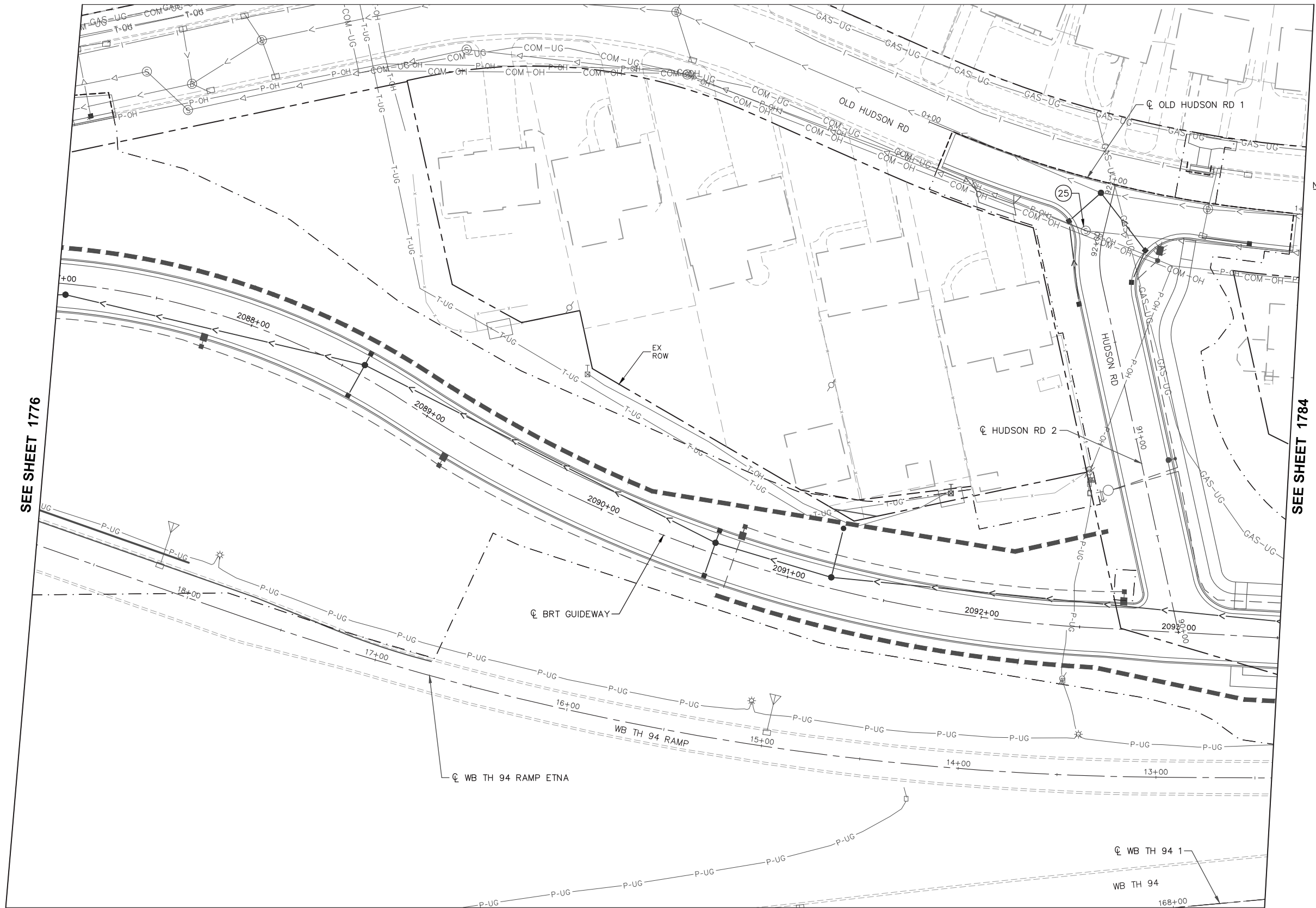
CERTIFIED BY Corey Bergman
LIC. NO. 45853 DATE 09/24/2021

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)

1782 OF 2649

EXHIBIT B



NOTES:

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

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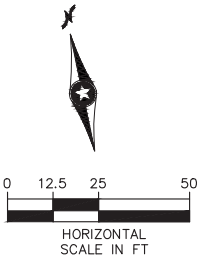
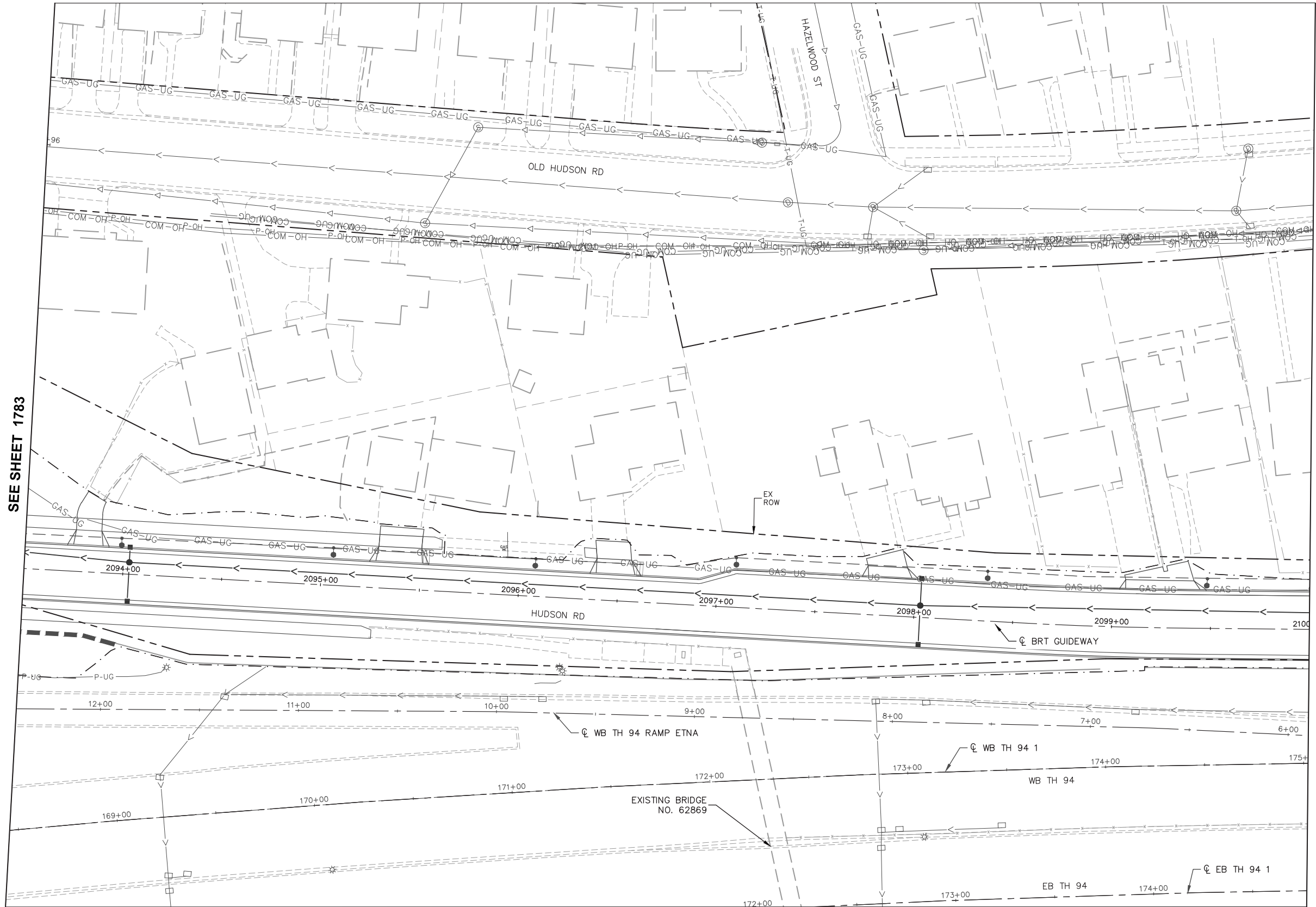
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

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

SEE SHEET 1783

SEE SHEET 1785

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NO.	REVISIONS	BY	APP	DATE

DRAWN: DJD
DESIGNED: CJB
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CERTIFIED BY COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

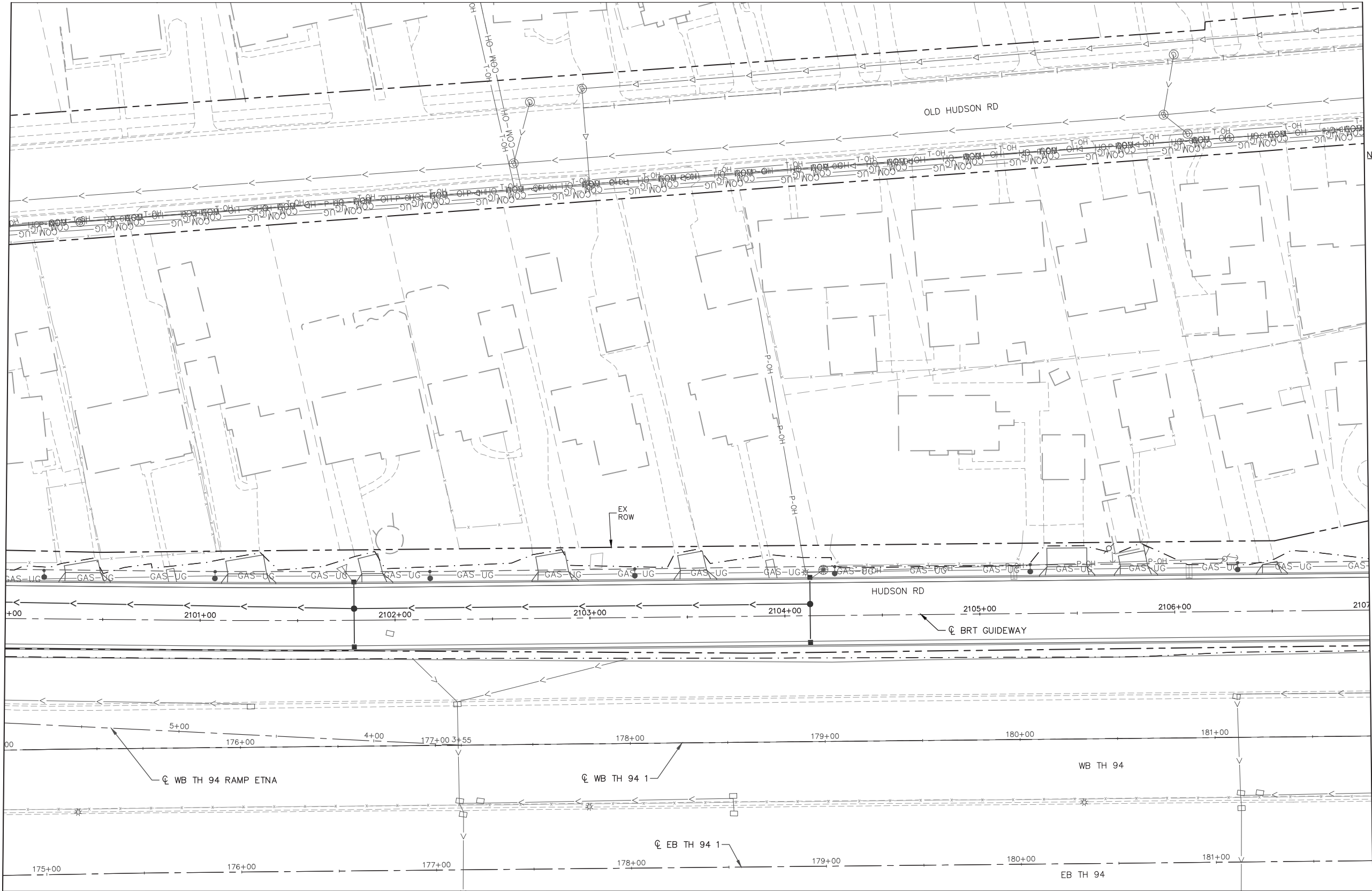
UTILITY PLAN

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)

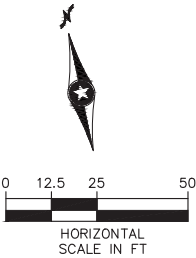
1784 OF 2649

EXHIBIT B

SEE SHEET 1784



SEE SHEET 1786



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

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NO.	REVISIONS	BY	APP	DATE

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DESIGNED: CJB
CHECKED: PJH

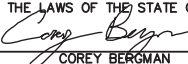
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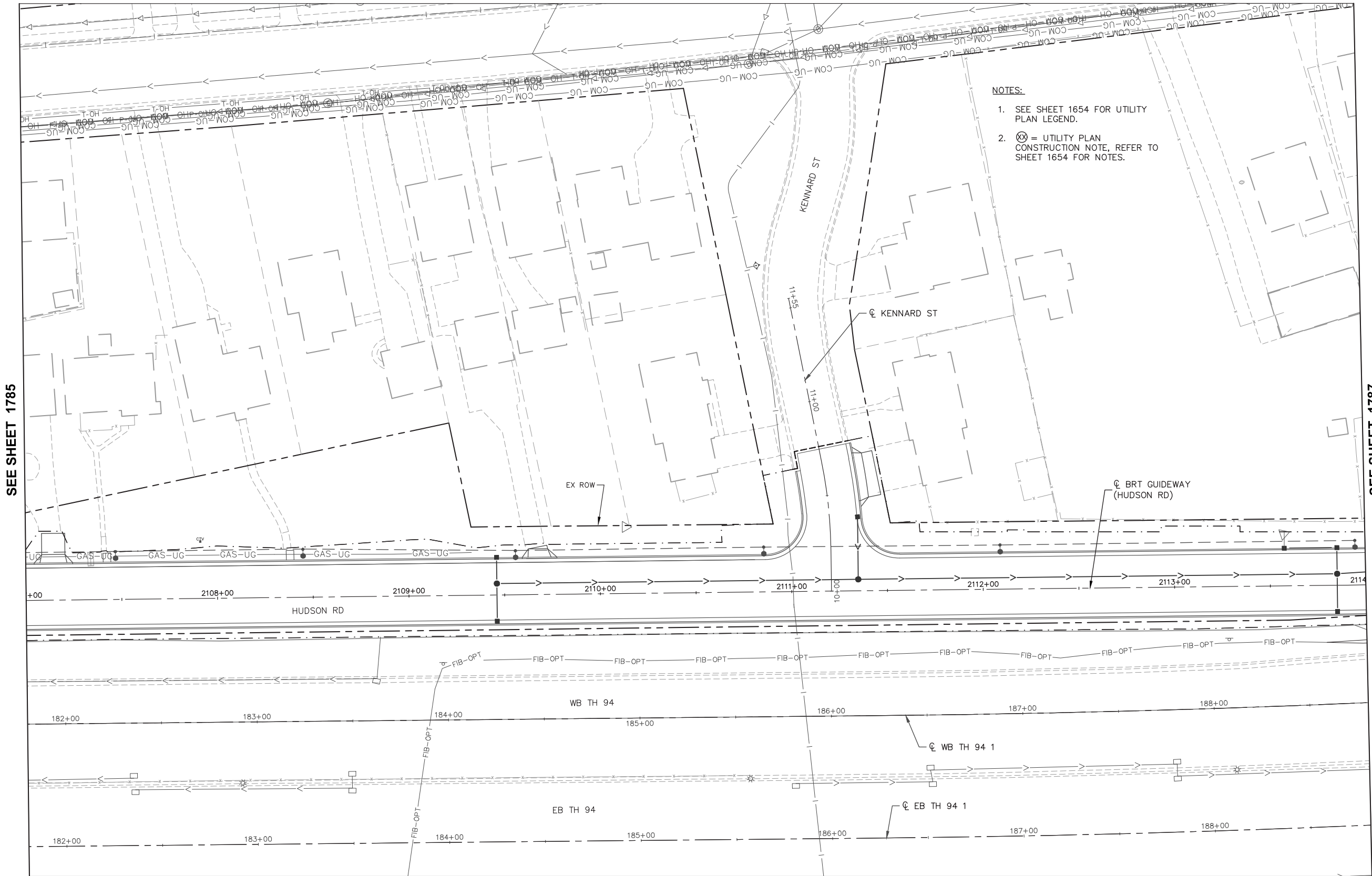
CERTIFIED BY  COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

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.

SEE SHEET 1785

SEE SHEET 1787

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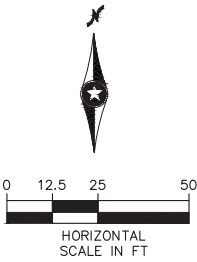
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CERTIFIED BY Corey Bergman
LIC. NO. 45853 DATE 09/24/2021

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)

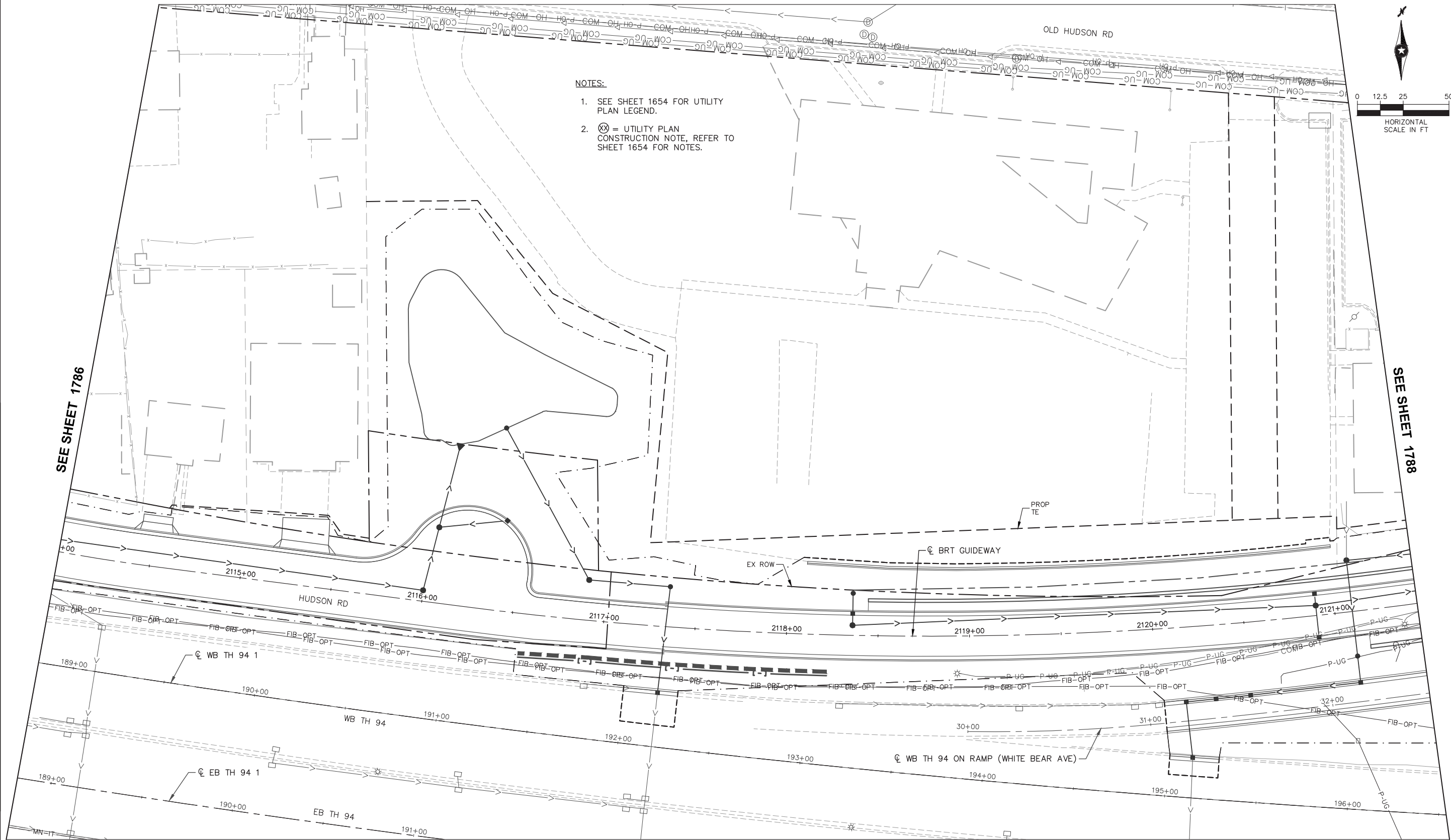
EXHIBIT B

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



SEE SHEET 1786

SEE SHEET 1788



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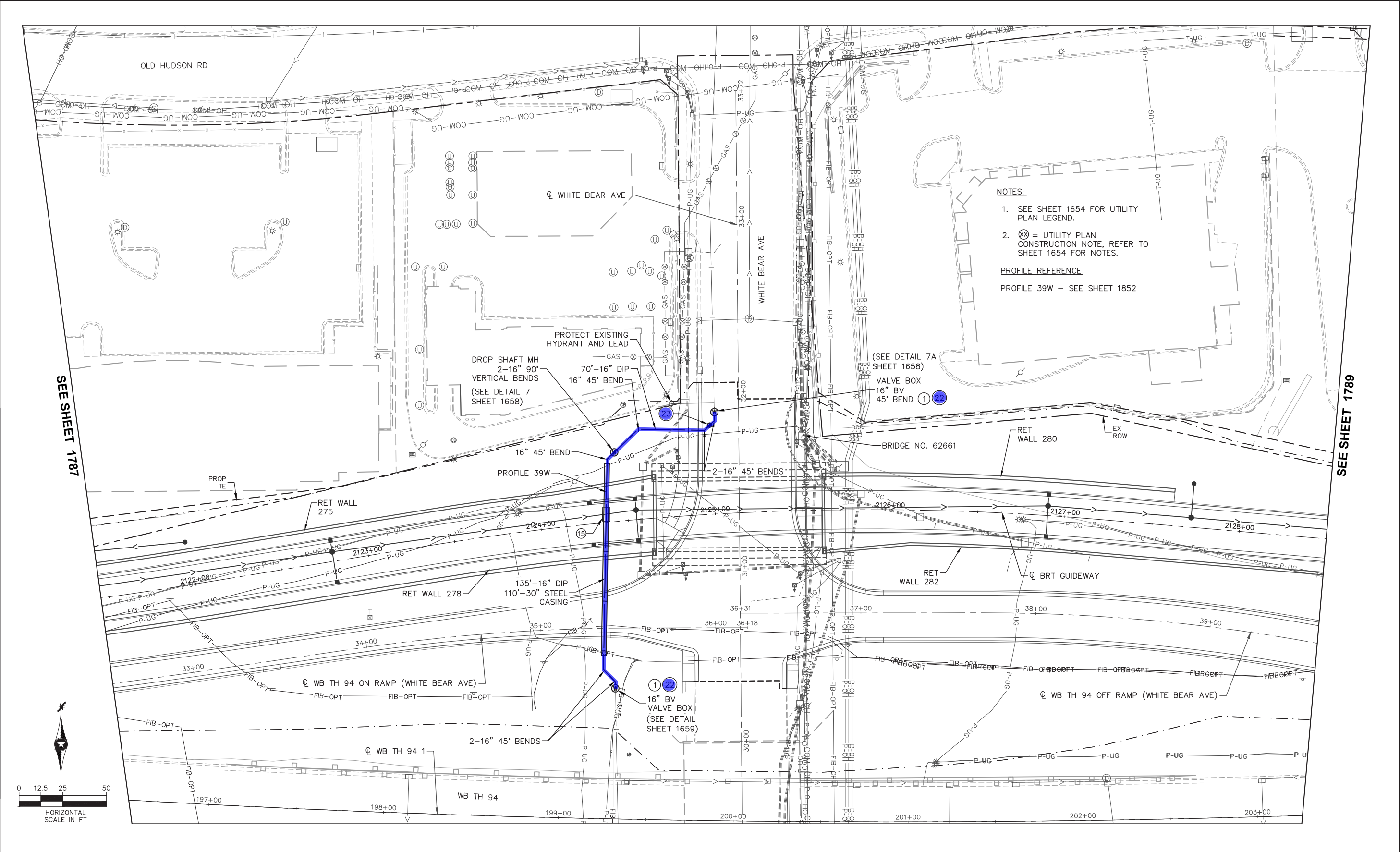
CERTIFIED BY
COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

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



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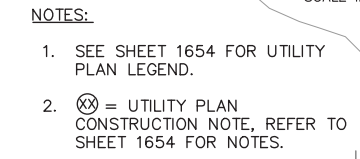
CERTIFIED BY
LIC. NO. 45853
DATE 09/24/2021

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)

1788 OF 2649

SEE SHEET 1790



DRAWN:	DJD
DESIGNED:	CJB
CHECKED:	PJH



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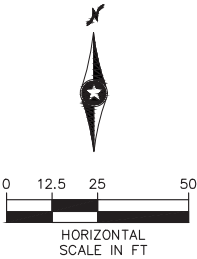
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UNDER THE LAWS OF THE STATE OF MINNESOTA.

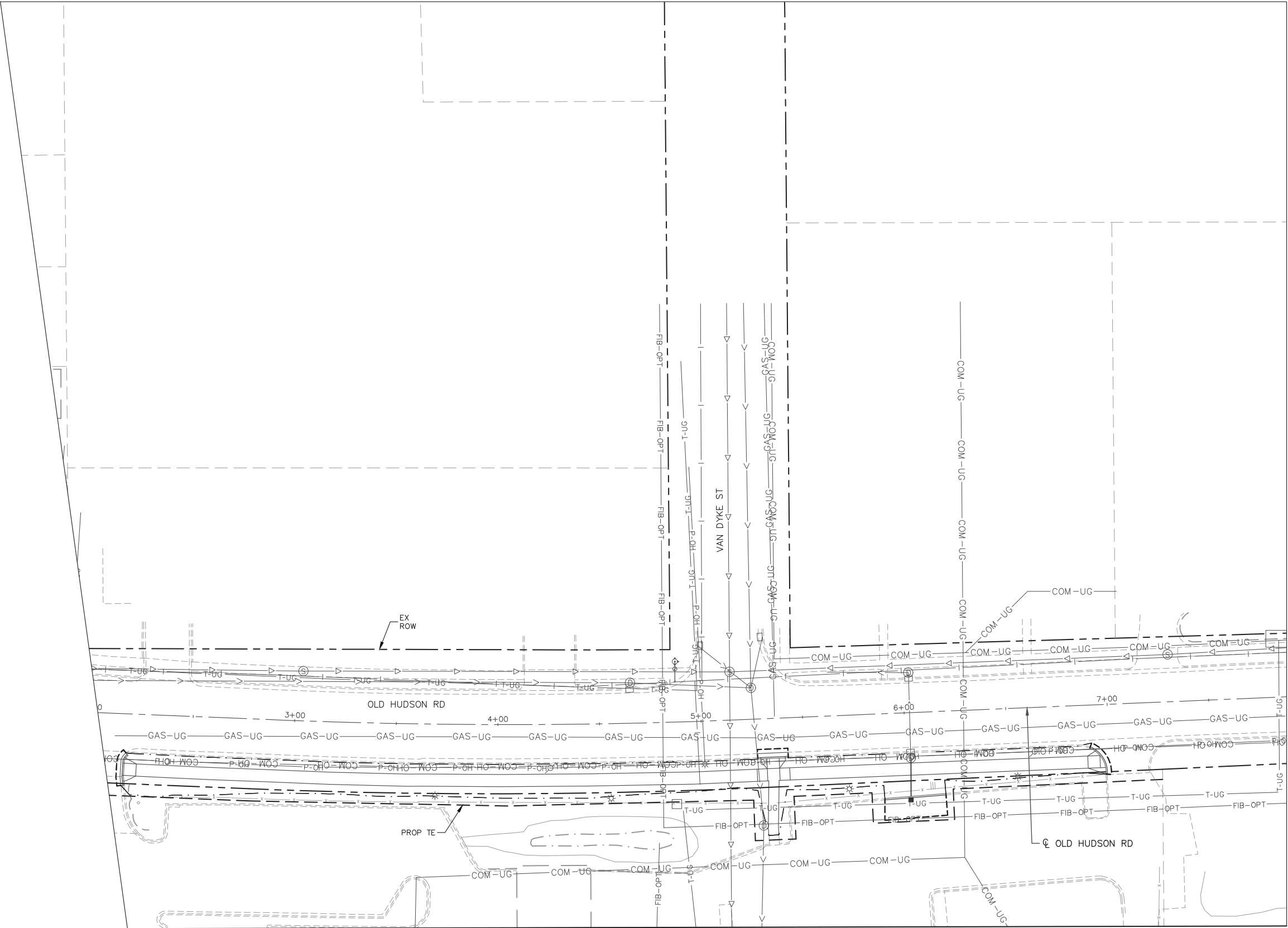

COREY BERGMAN

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\dwg\p\c3d\0218635\SEG2-UTL-PLN.dwg By: rdonovan

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DESIGNED:
CJB
CHECKED:
PJH



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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)

1790 OF 2649

EXHIBIT B

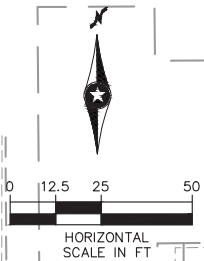
SEE SHEET 1792

NOTES:

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

PROFILE REFERENCE

PROFILE 40W - SEE SHEET 1852



Running line needs to be revised, emailed Nik on 4/4 about needed change

MetCouncil Cost. main

MetCouncil Cost -

SEE SHEET 1789

SEE SHEET 1793

Sep. 23 2021 08:07 am C:\cadd\dwg\c3d\40218635\SEC2-UTL-PLN.dwg By: rdonovan

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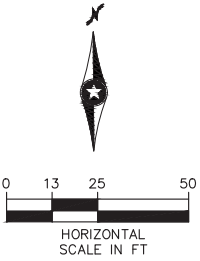
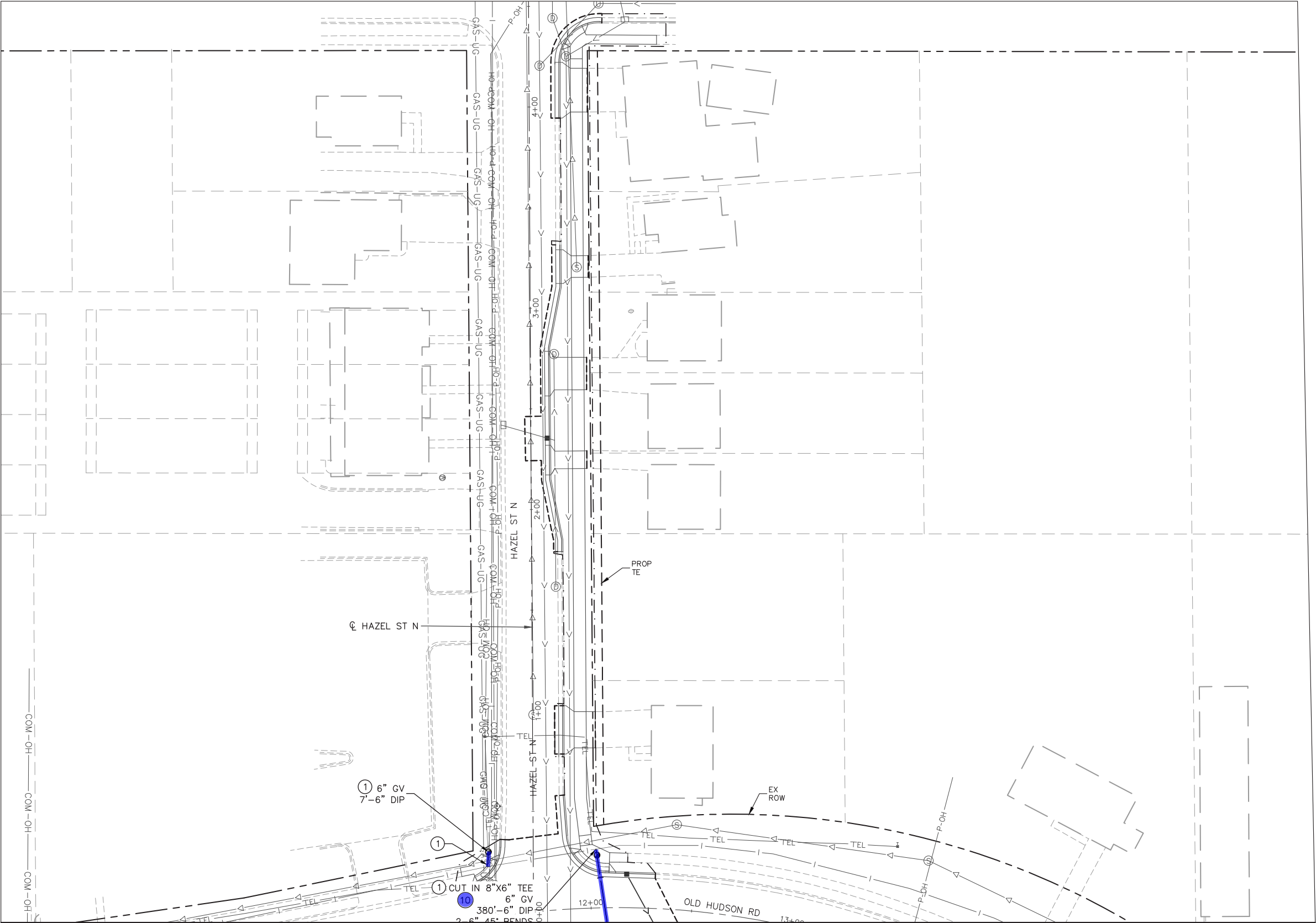
CERTIFIED BY  COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

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)

1791 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.

SEE SHEET 1791

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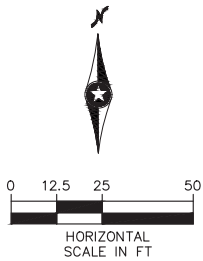
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

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)

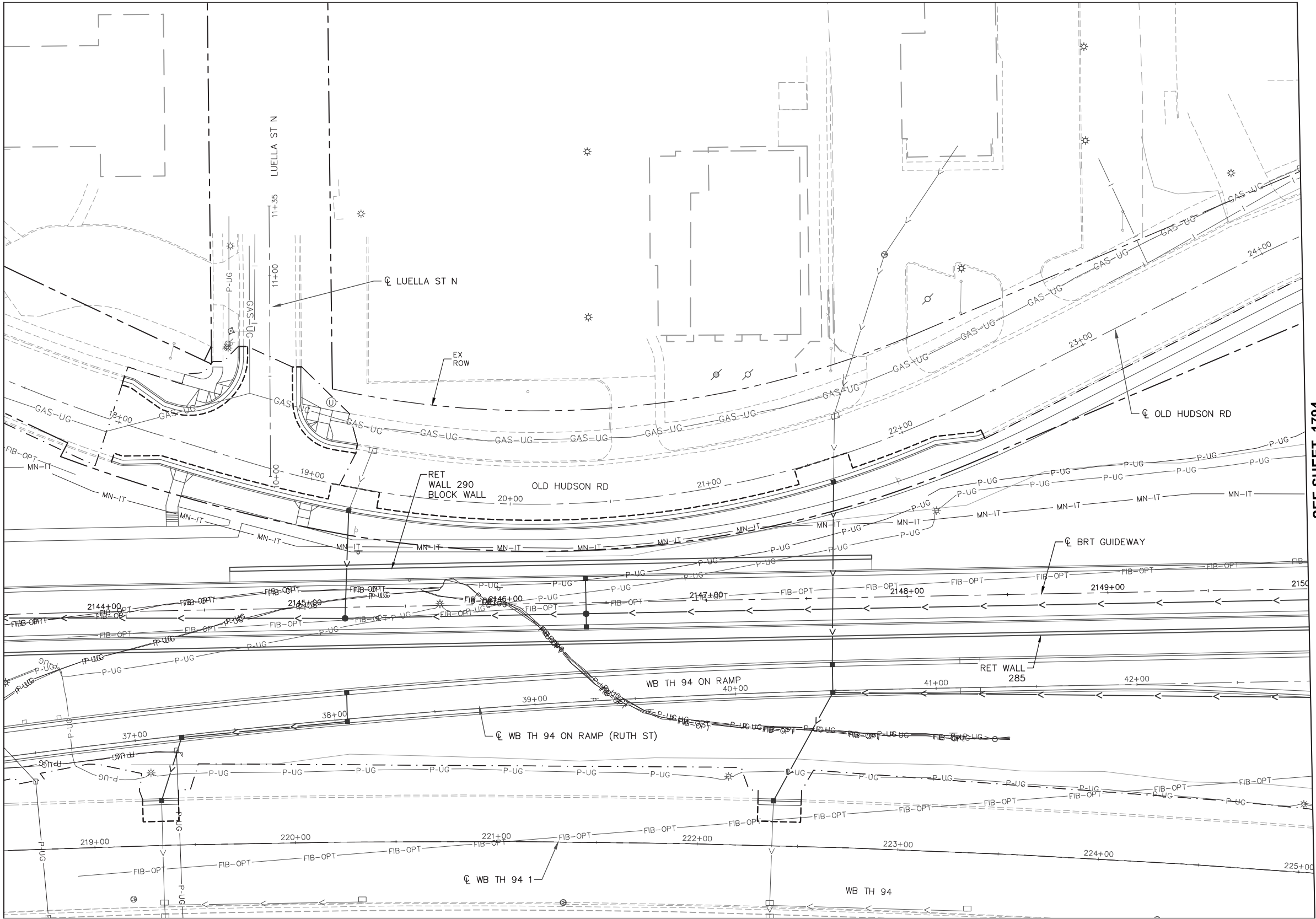
EXHIBIT B



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

SEE SHEET 1791

SEE SHEET 1794



Sep. 23 2021 08:08 am C:\cadd\dwg\p\c3d\00218635\SEG2-UTL-PLN.dwg By: rdonovan

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DESIGNED:
CJB
CHECKED:
PJH

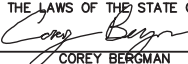
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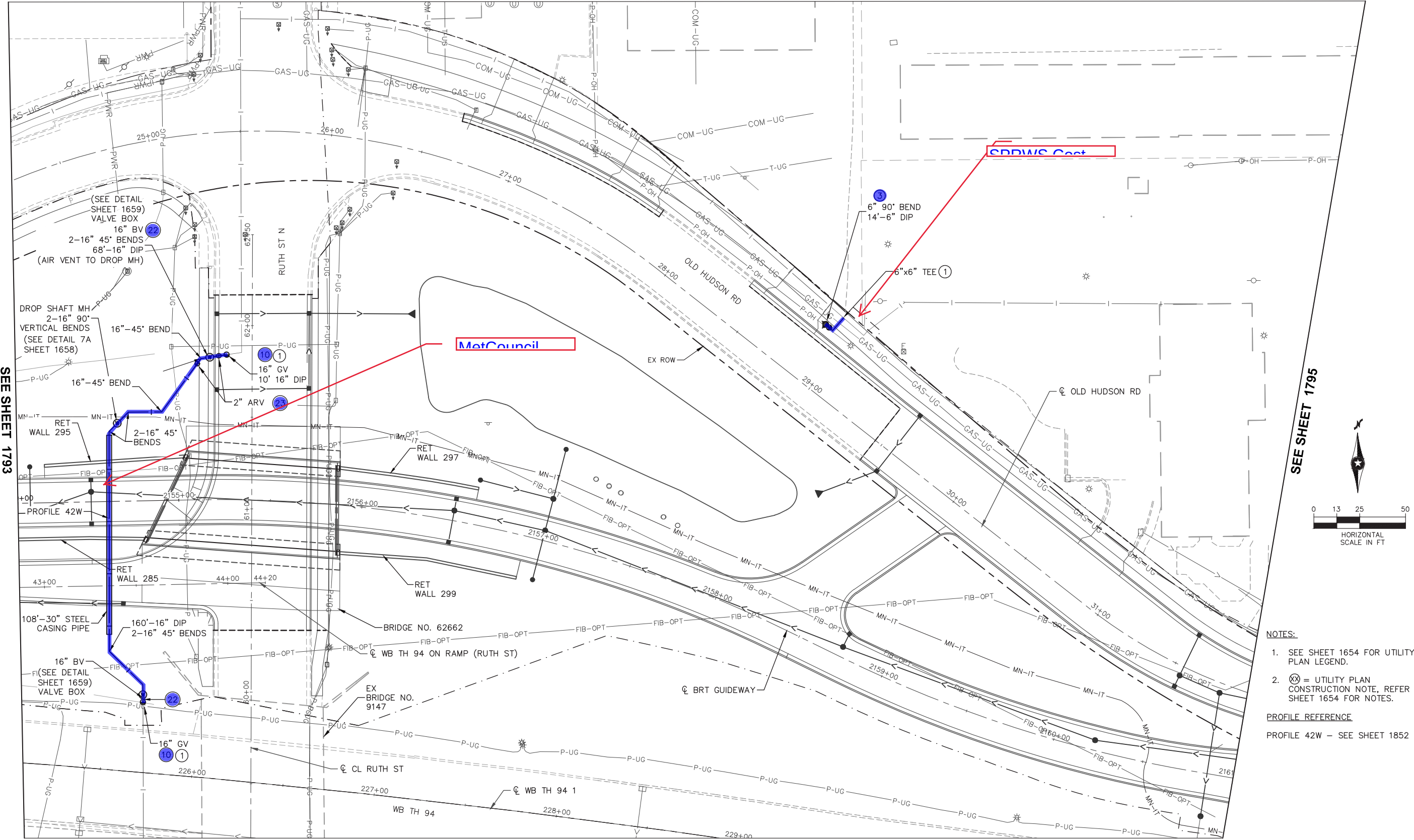
CERTIFIED BY 
LIC. NO. 45853 DATE 09/24/2021

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)

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

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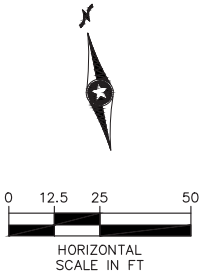


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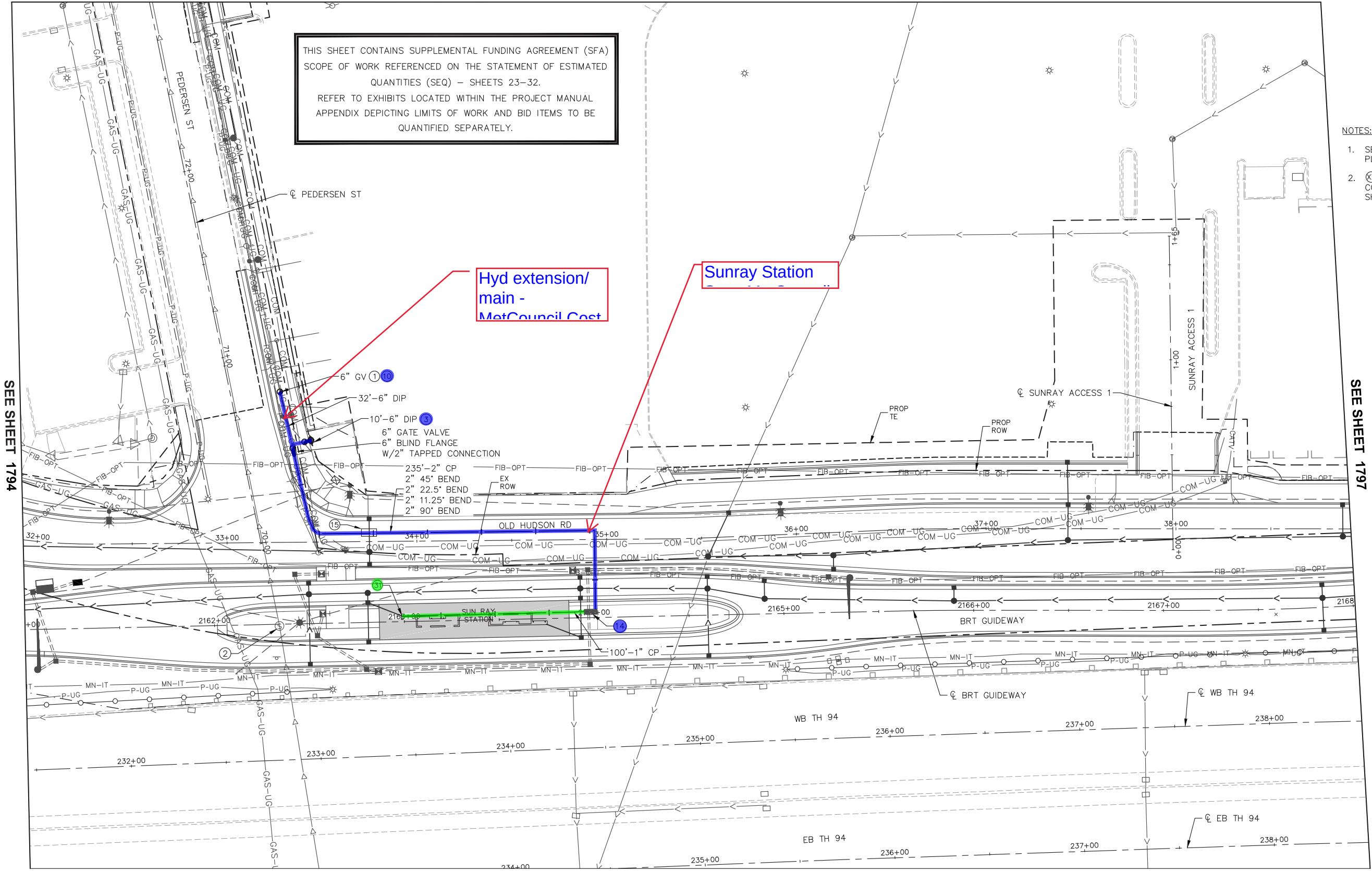
CERTIFIED BY: *Corey Bergman*
 COREY BERGMAN
 LIC. NO. 45853 DATE 09/24/2021

EXHIBIT B

SEE SHEET 1796



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



SEE SHEET 1794

SEE SHEET 1797

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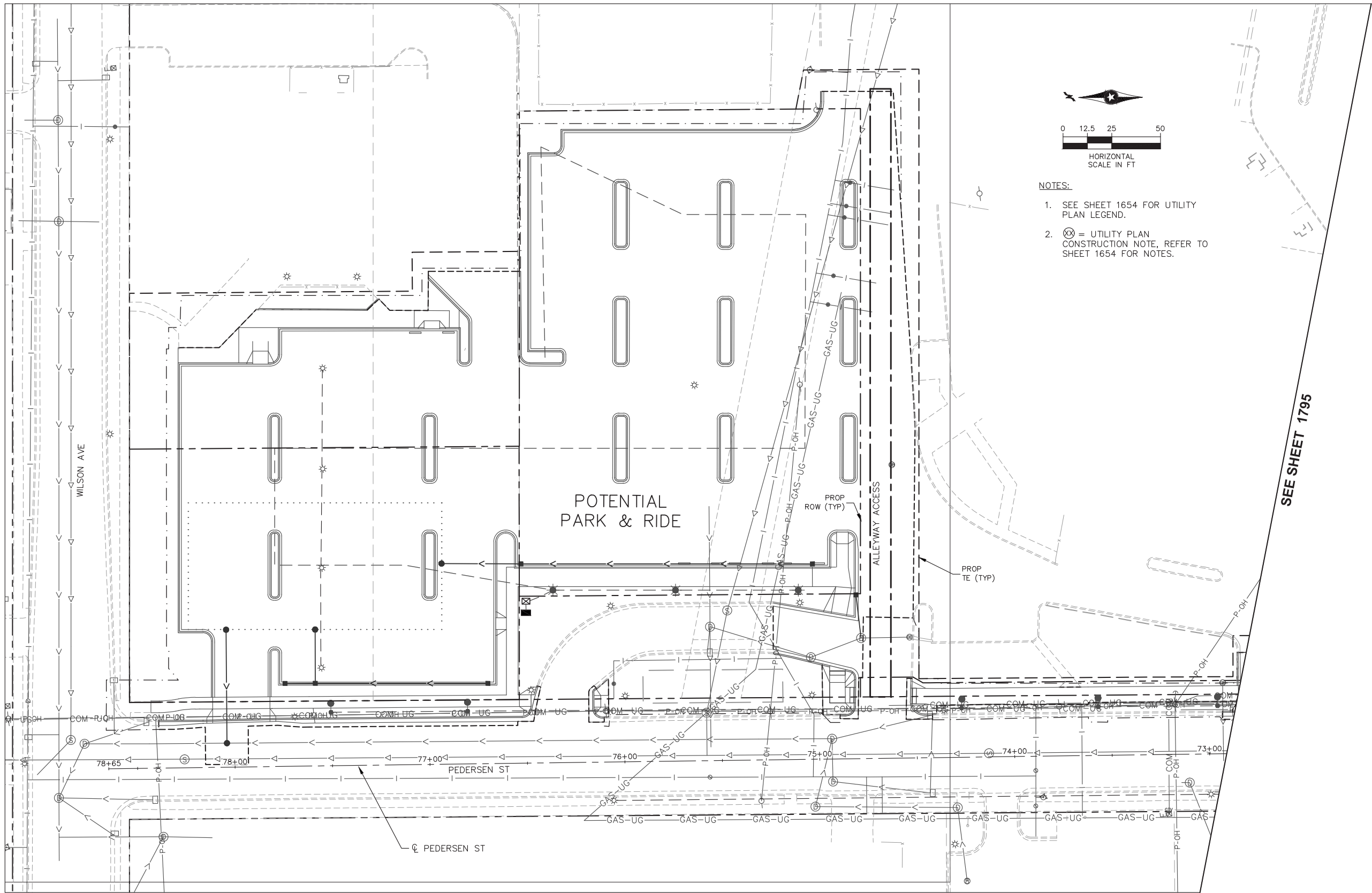
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CERTIFIED BY *Corey Bergman*
COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

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



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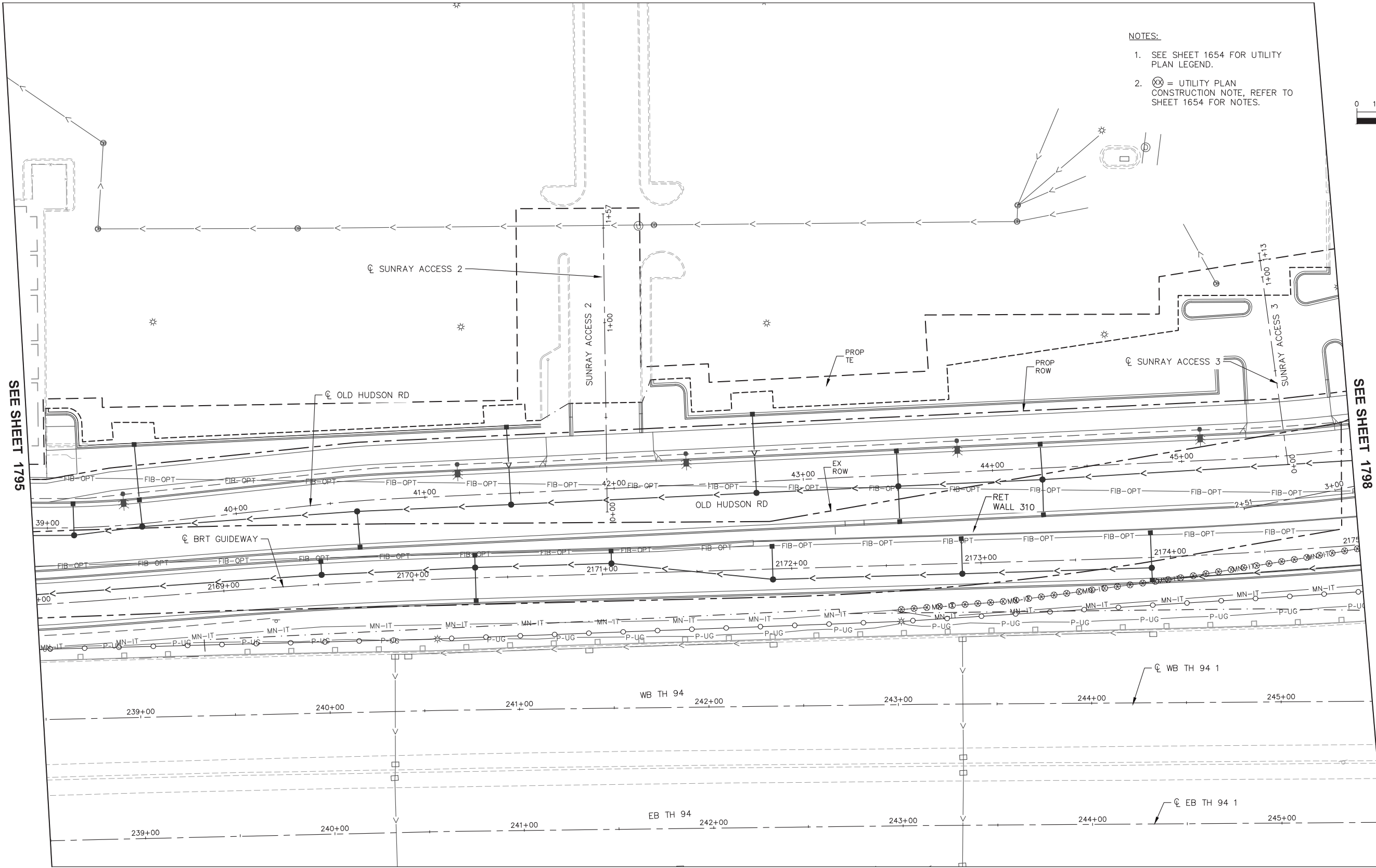
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LIC. NO. 45853 DATE 09/24/2021

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



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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)

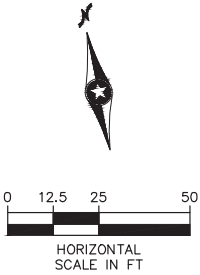
EXHIBIT B

NOTES:

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

PROFILE REFERENCE

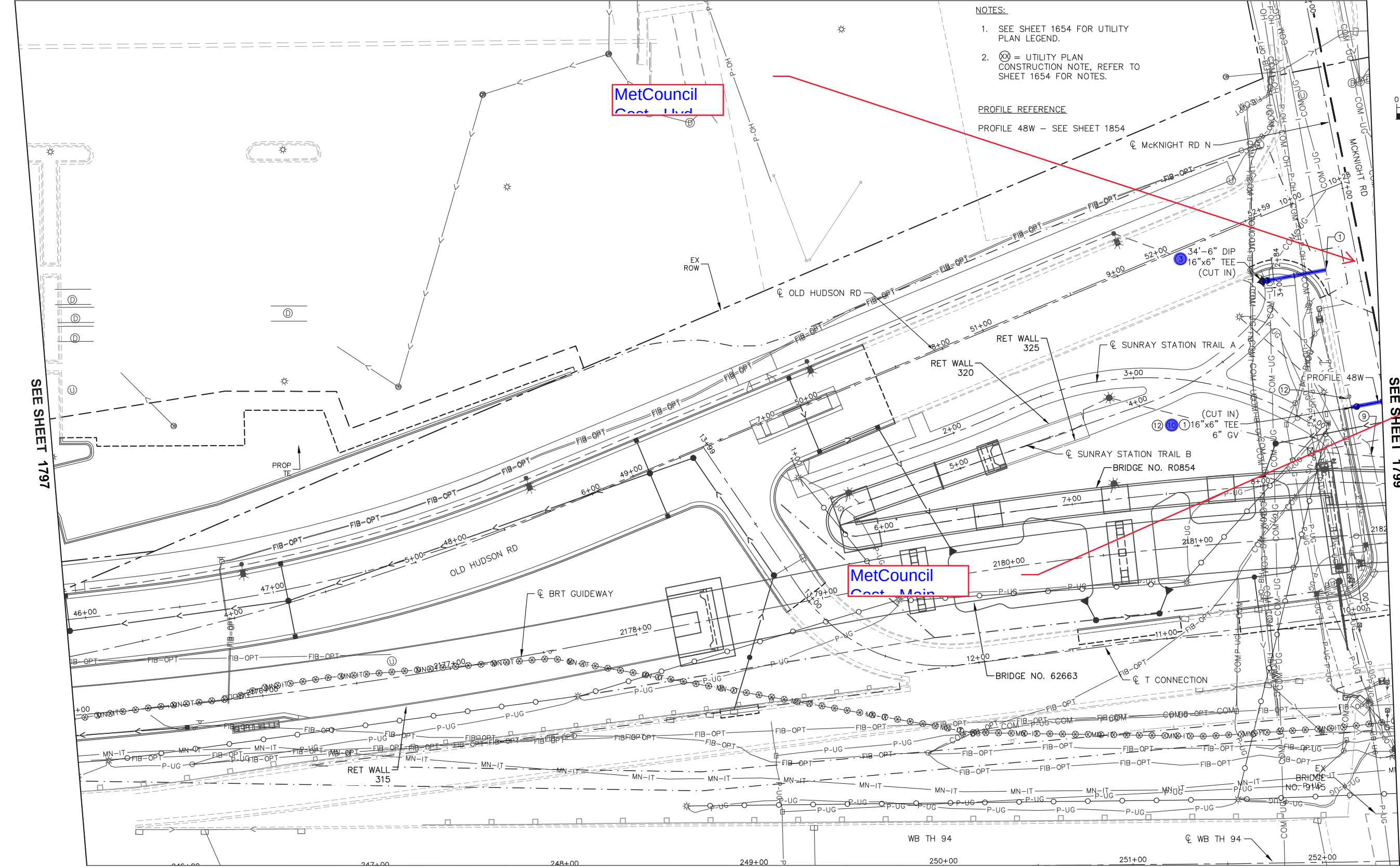
PROFILE 48W - SEE SHEET 1854



SEE SHEET 1797

SEE SHEET 1799

Nov. 05 2021 03:17 pm C:\caddlib\pw\glc3d\0218558\SEC3-UTL-PLN.dwg By: rdonovan



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DESIGNED: CJB
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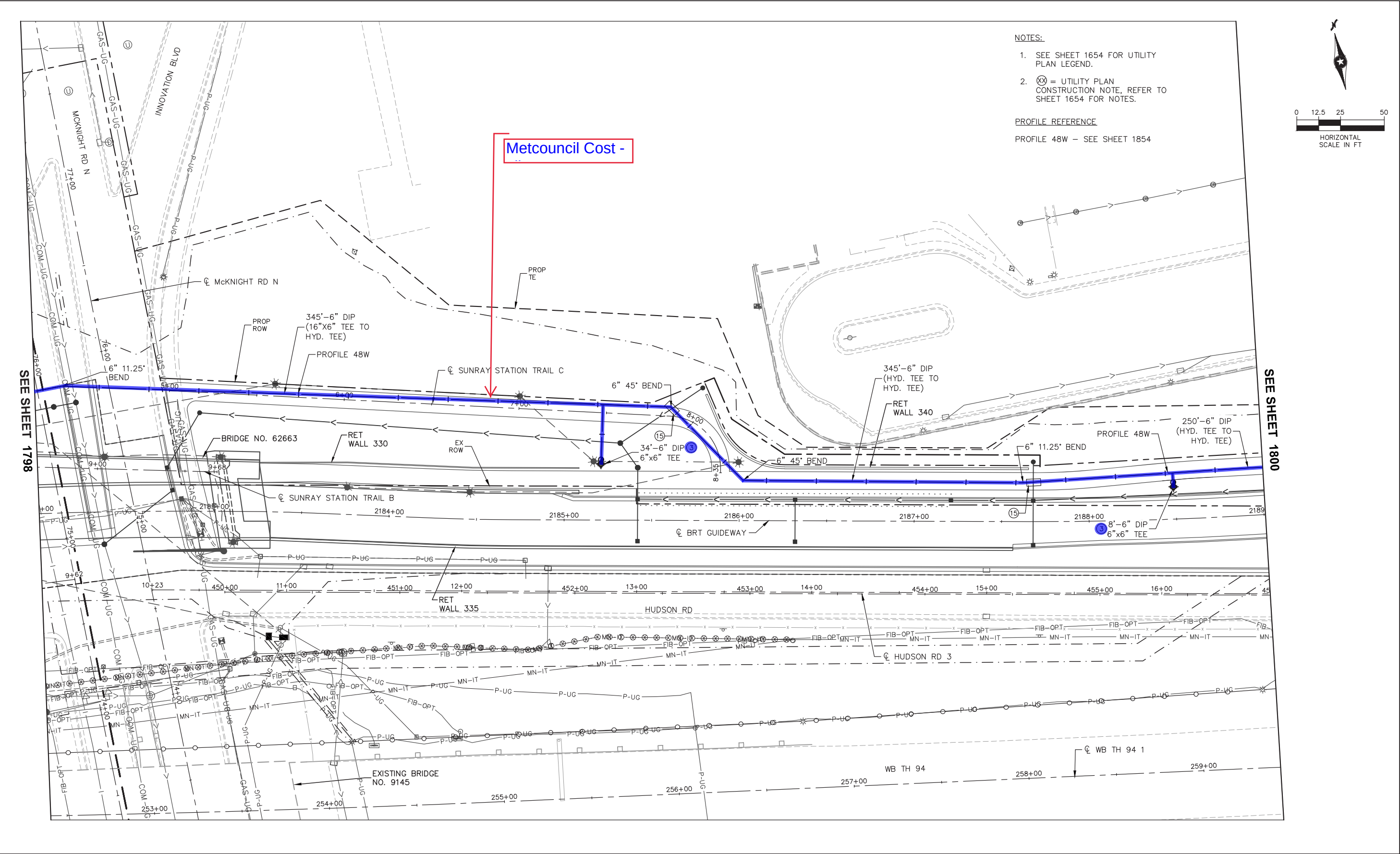
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CERTIFIED BY 
LIC. NO. 45853 DATE 09/24/2021

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)

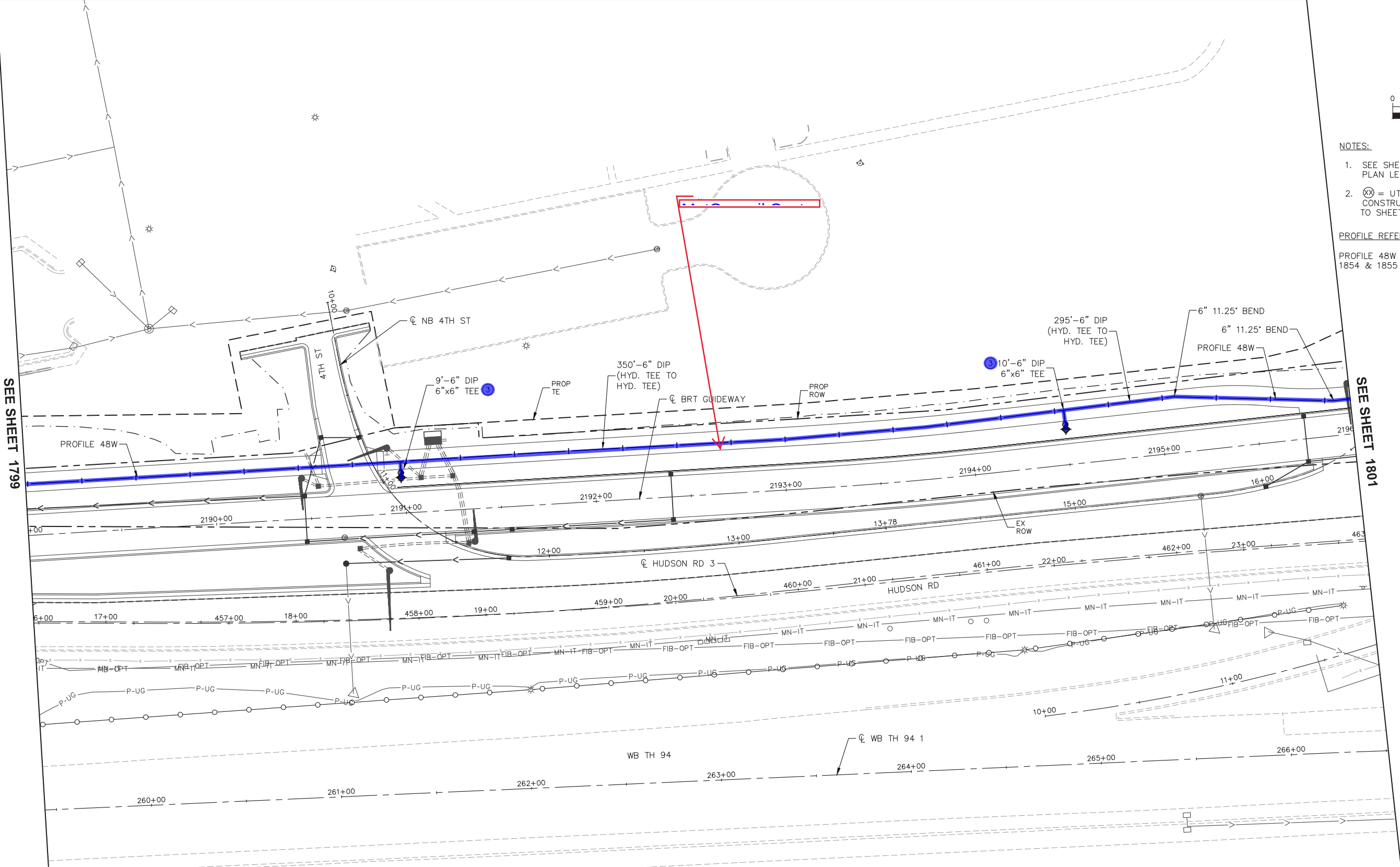
EXHIBIT B



					DRAWN: DJD		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
					DESIGNED: CJB			
					CHECKED: PJH			
NO.	REVISIONS	BY	APP	DATE				

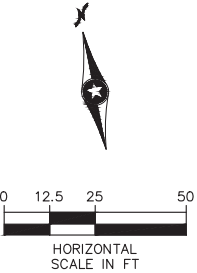
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EXHIBIT B



- 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



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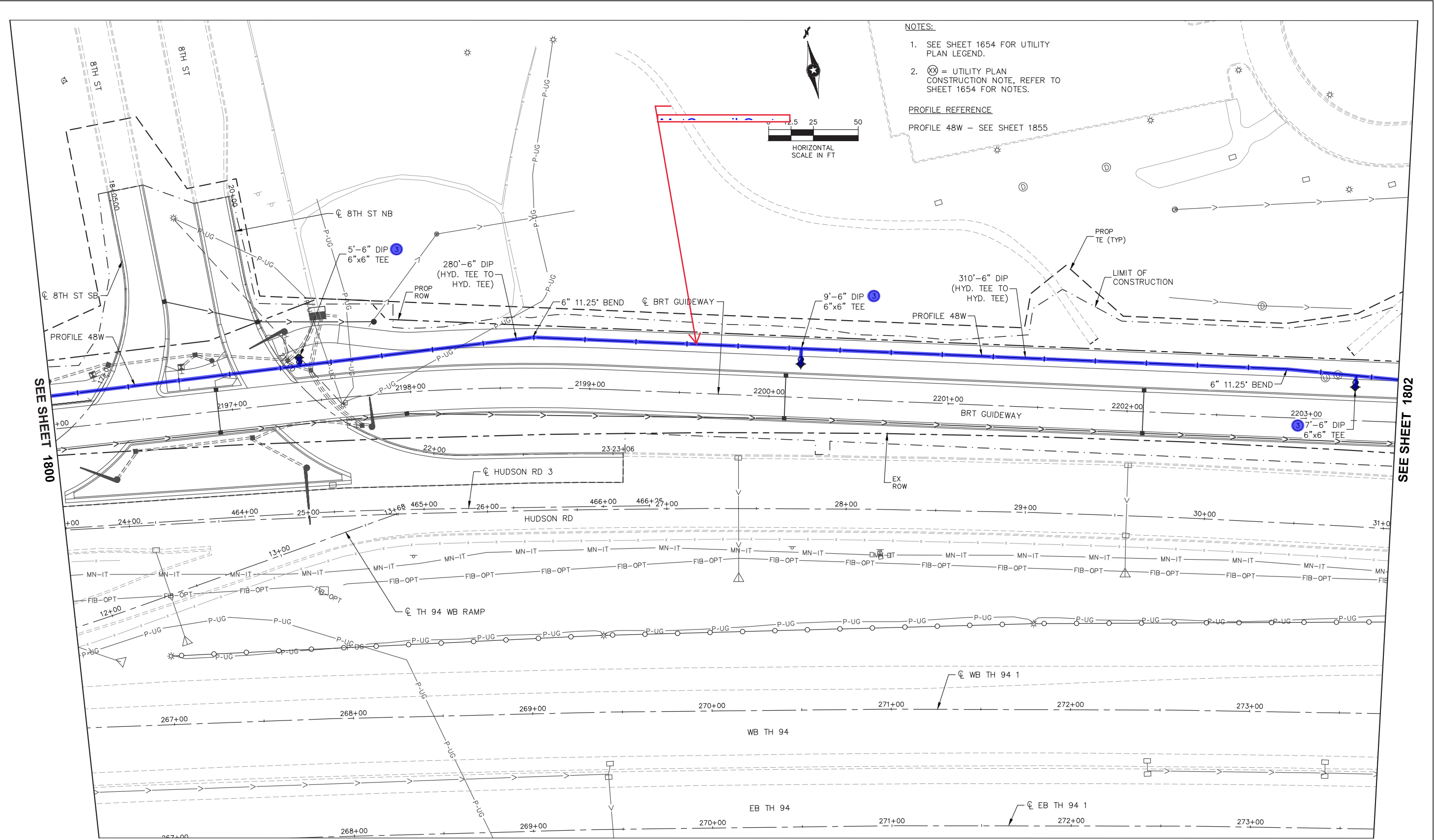
CERTIFIED BY
COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

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

PROFILE REFERENCE
PROFILE 48W - SEE SHEET 1855

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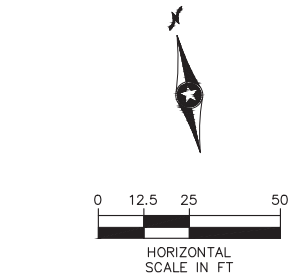
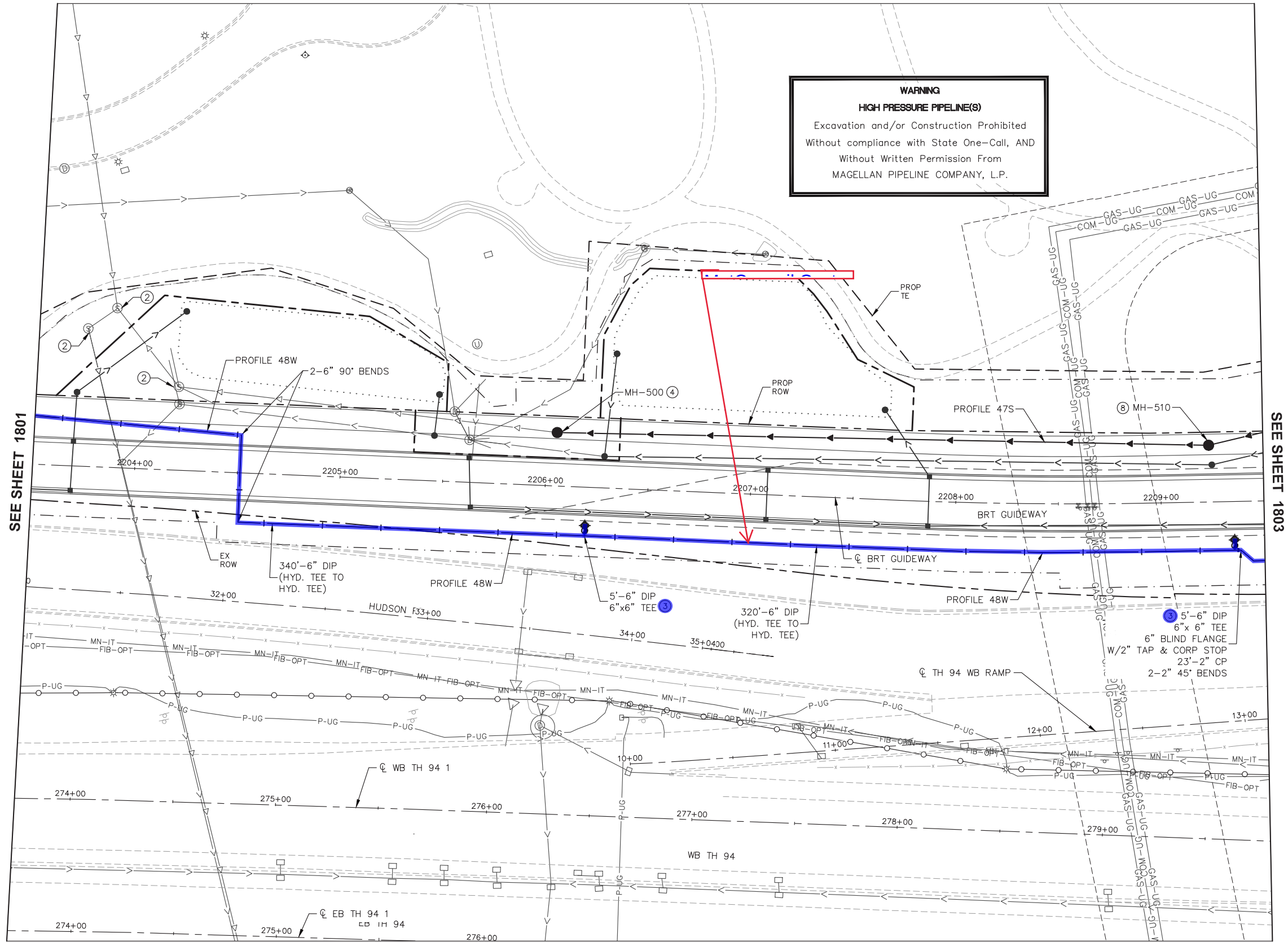
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LIC. NO. 45853 DATE 09/24/2021

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.

PROFILE REFERENCE

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

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CHECKED: PJH

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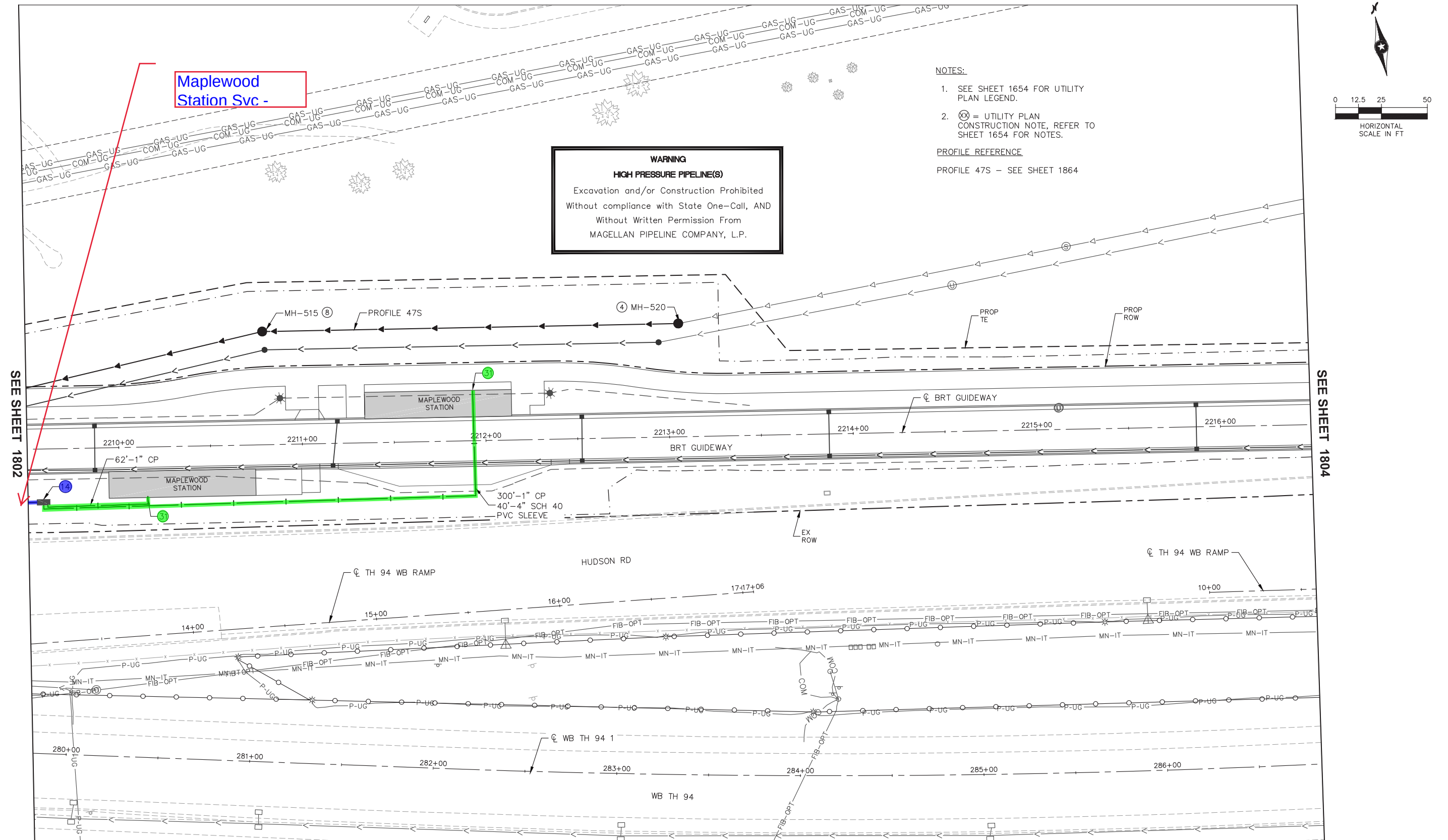
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CERTIFIED BY
COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

UTILITY PLAN

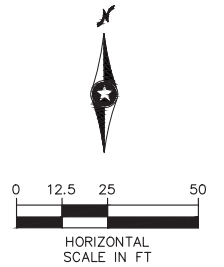
STATE PROJ. NO. 6217-45 (TH 3), 6221-110 (TH 61), 6283-254 (TH 94), 6220-87 (TH 61), 8282-139 (TH 94), 8286-93 (TH 694)

EXHIBIT B



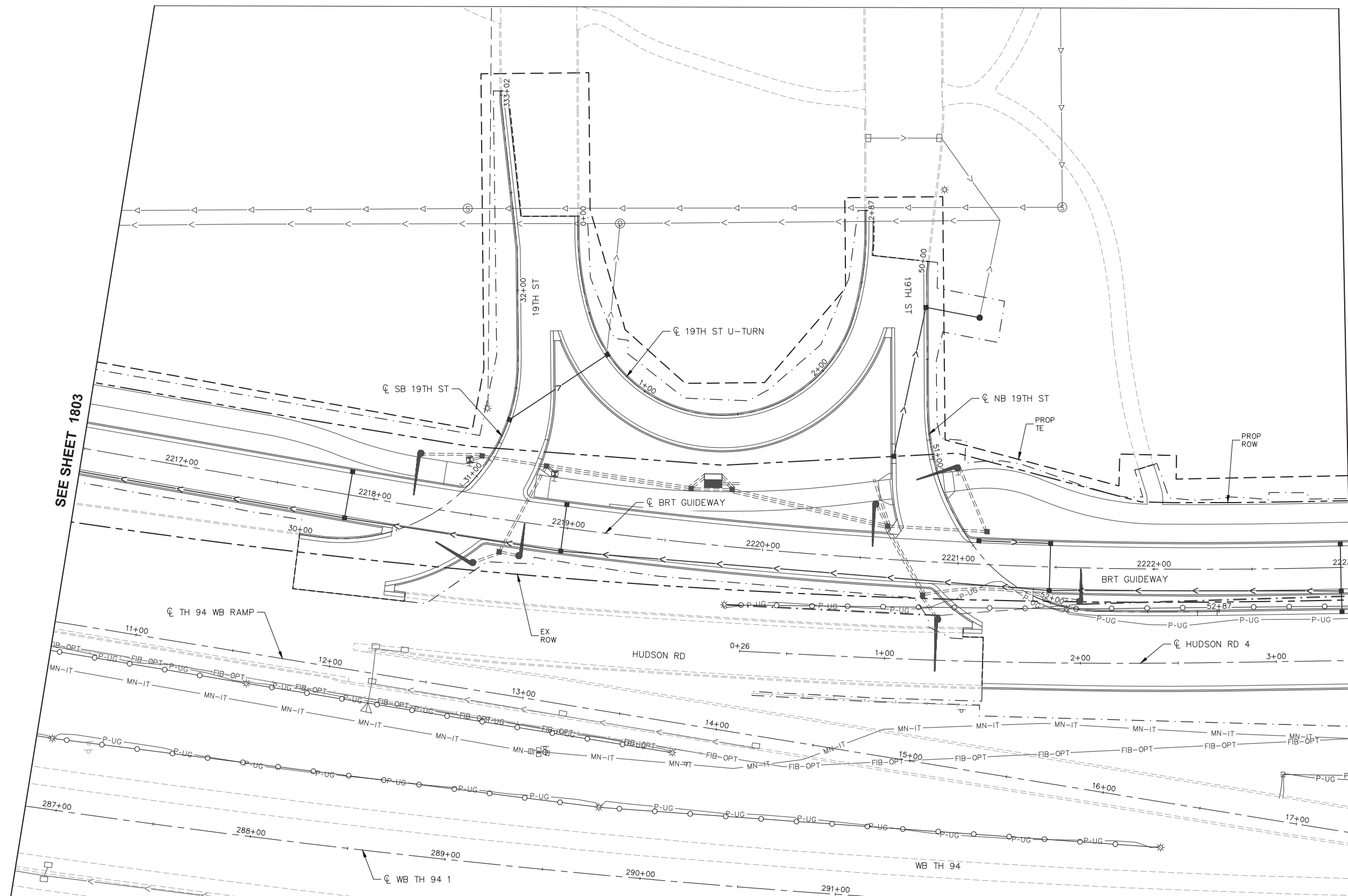
					DRAWN: DJD	   	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. CERTIFIED BY  COREY BERGMAN LIC. NO. 45853 DATE 09/24/2021	UTILITY PLAN		
					DESIGNED: CJB					
					CHECKED: PJH					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)
NO.	REVISIONS	BY	APP	DATE						1803 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.



SEE SHEET 1803

SEE SHEET 1805

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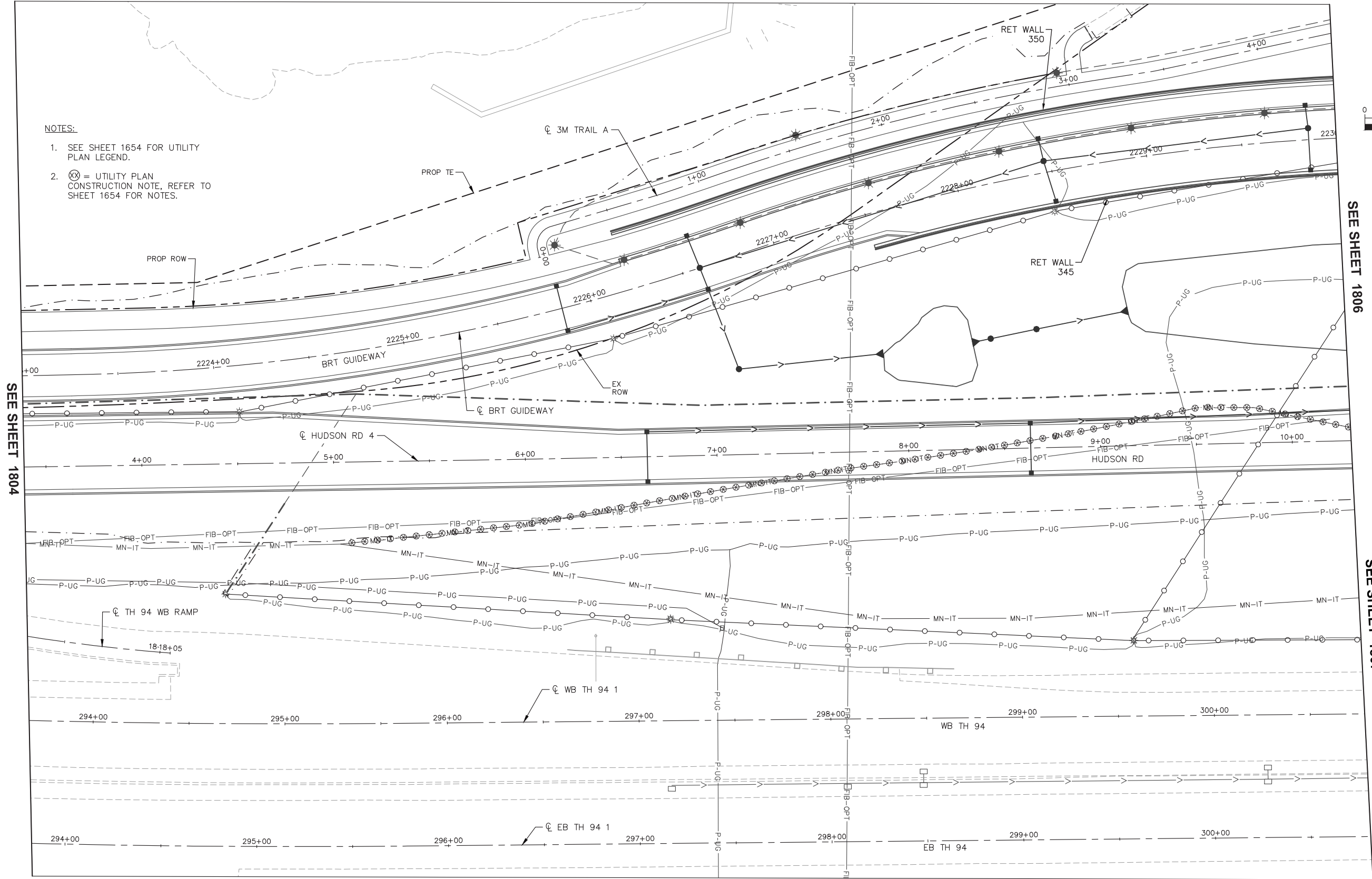
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COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

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)
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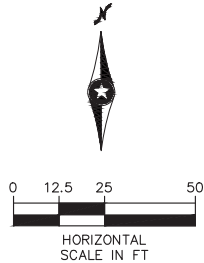
1804 OF 2649

EXHIBIT B



NOTES:

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



SEE SHEET 1806

SEE SHEET 1807

SEE SHEET 1804

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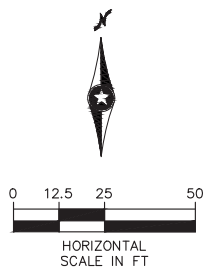
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CERTIFIED BY *Corey Bergman*
LIC. NO. 45853 DATE 09/24/2021

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

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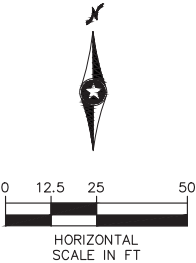
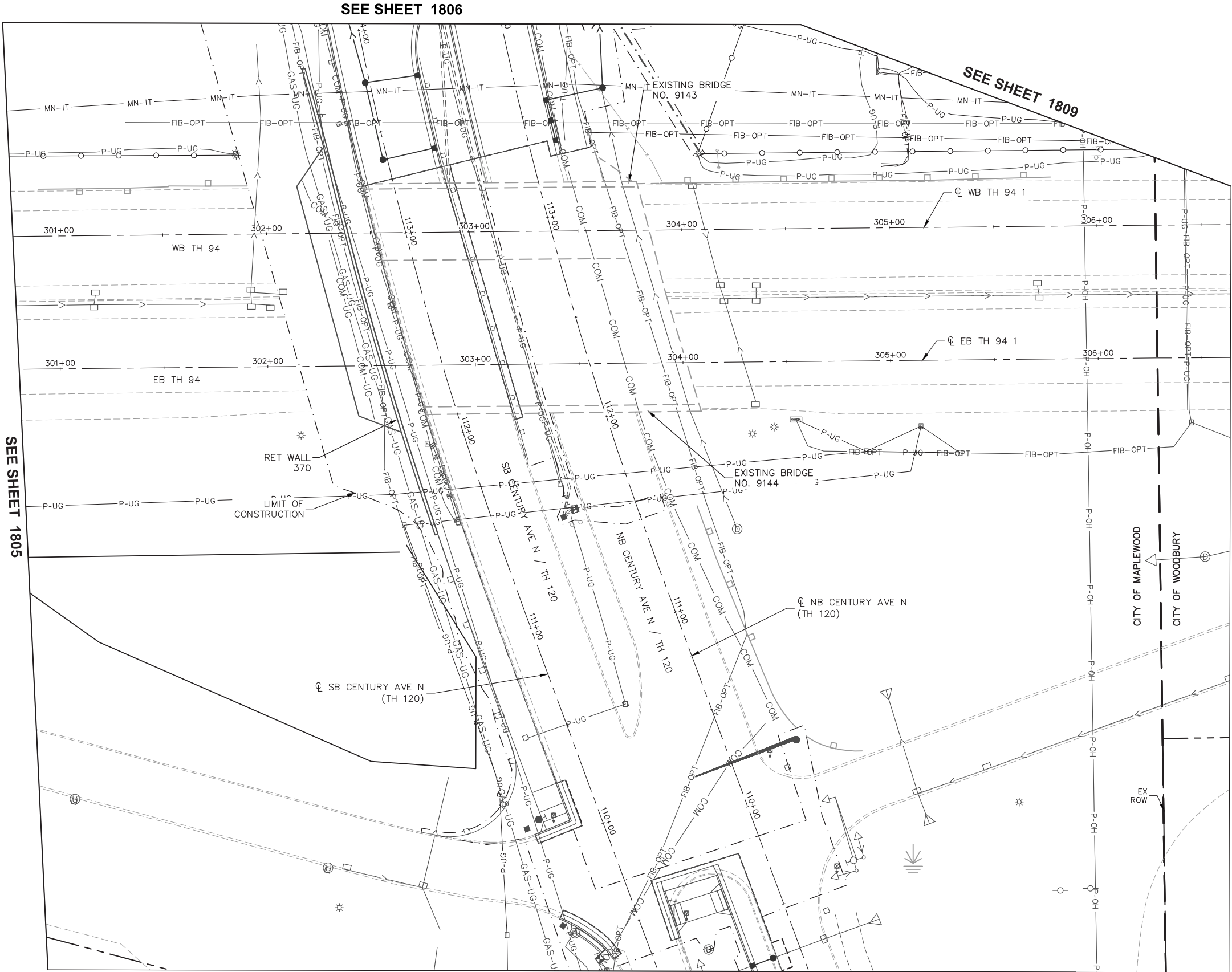
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LIC. NO. 45853 DATE 09/24/2021

EXHIBIT B



- NOTES:
1. SEE SHEET 1654 FOR UTILITY PLAN LEGEND.
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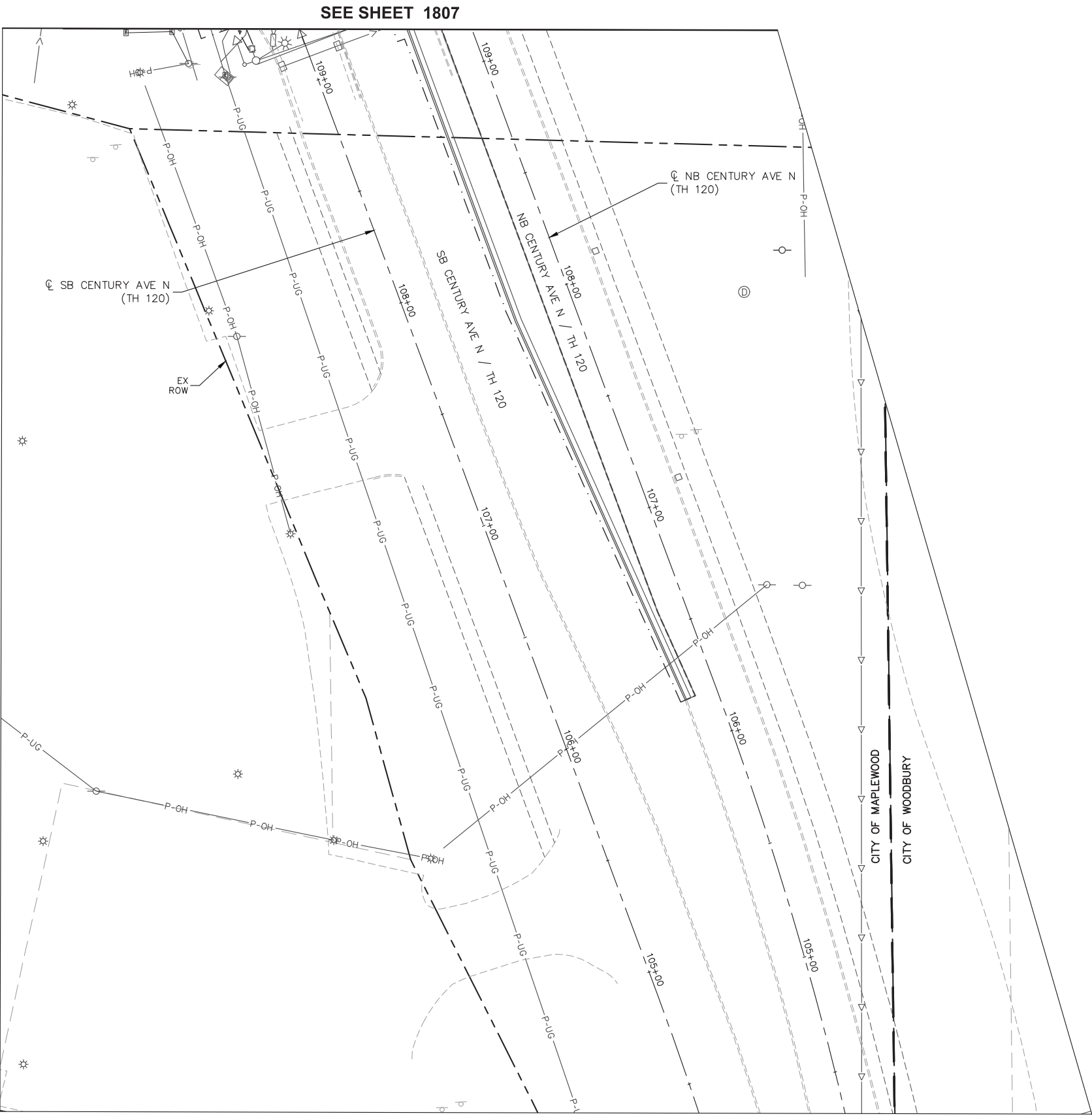
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COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

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:
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 - ☉ = UTILITY PLAN CONSTRUCTION NOTE, REFER TO SHEET 1654 FOR NOTES.

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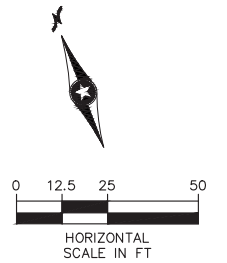
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COREY BERGMAN
LIC. NO. 45853 DATE 09/24/2021

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)

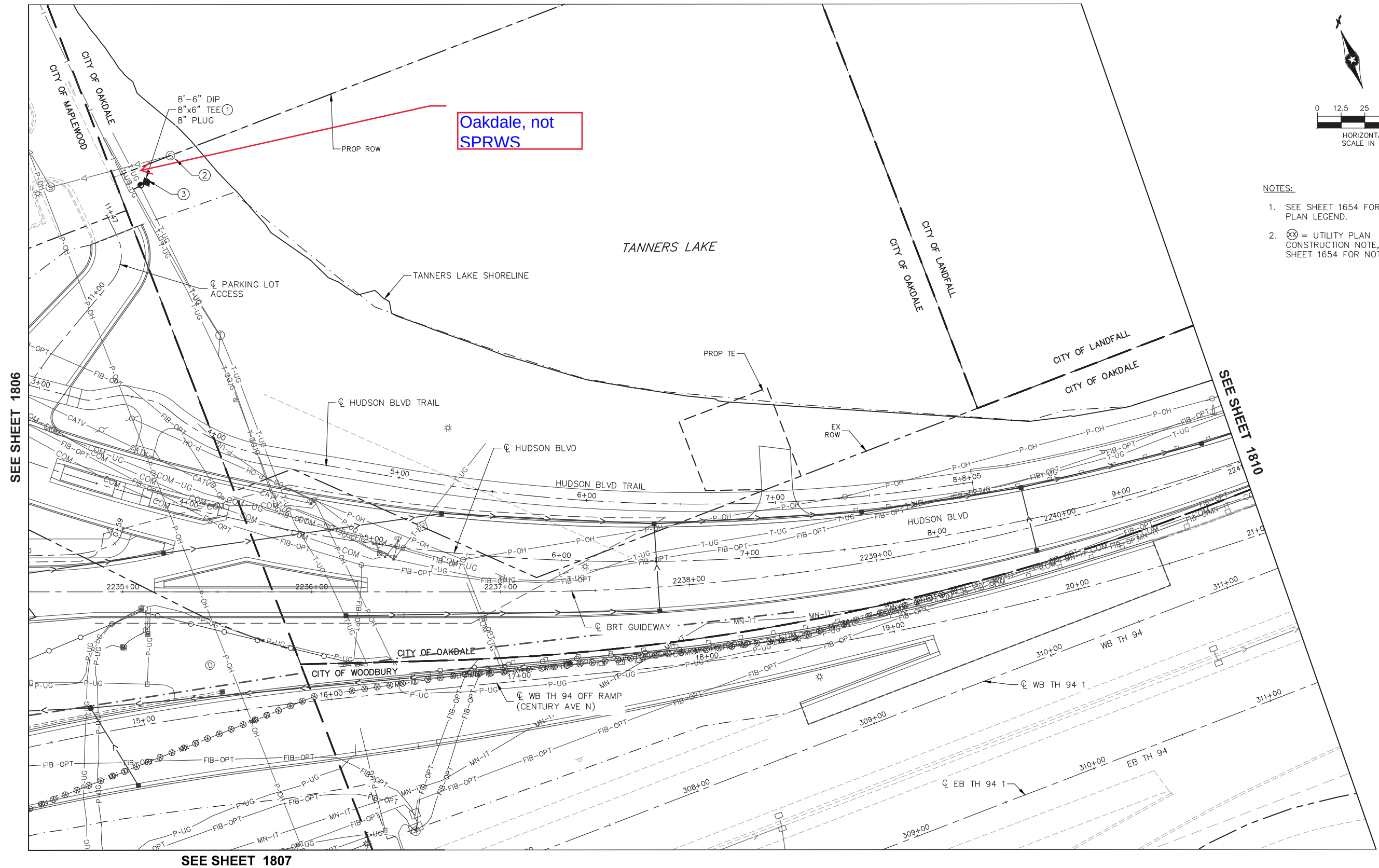
1808 OF 2649

EXHIBIT B



NOTES:

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



SEE SHEET 1807

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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)
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1809 OF 2649

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