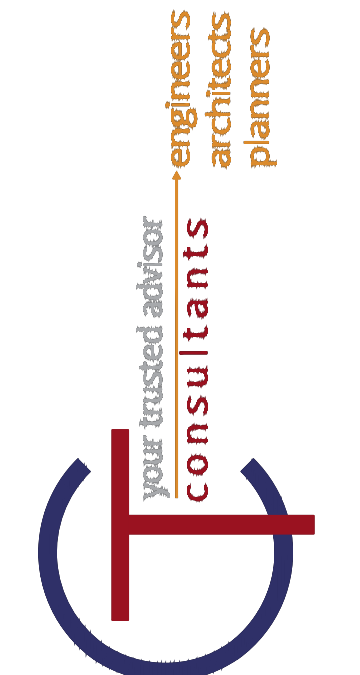
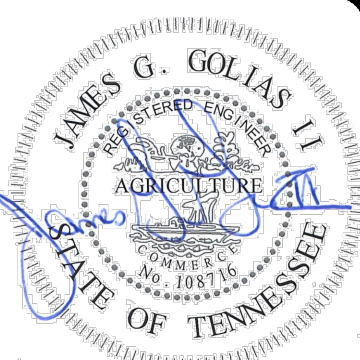


VICINITY MAP

# VOLUNTEER STATE COMMUNITY COLLEGE DOMESTIC WATER IMPROVEMENTS SUMNER COUNTY, TENNESSEE

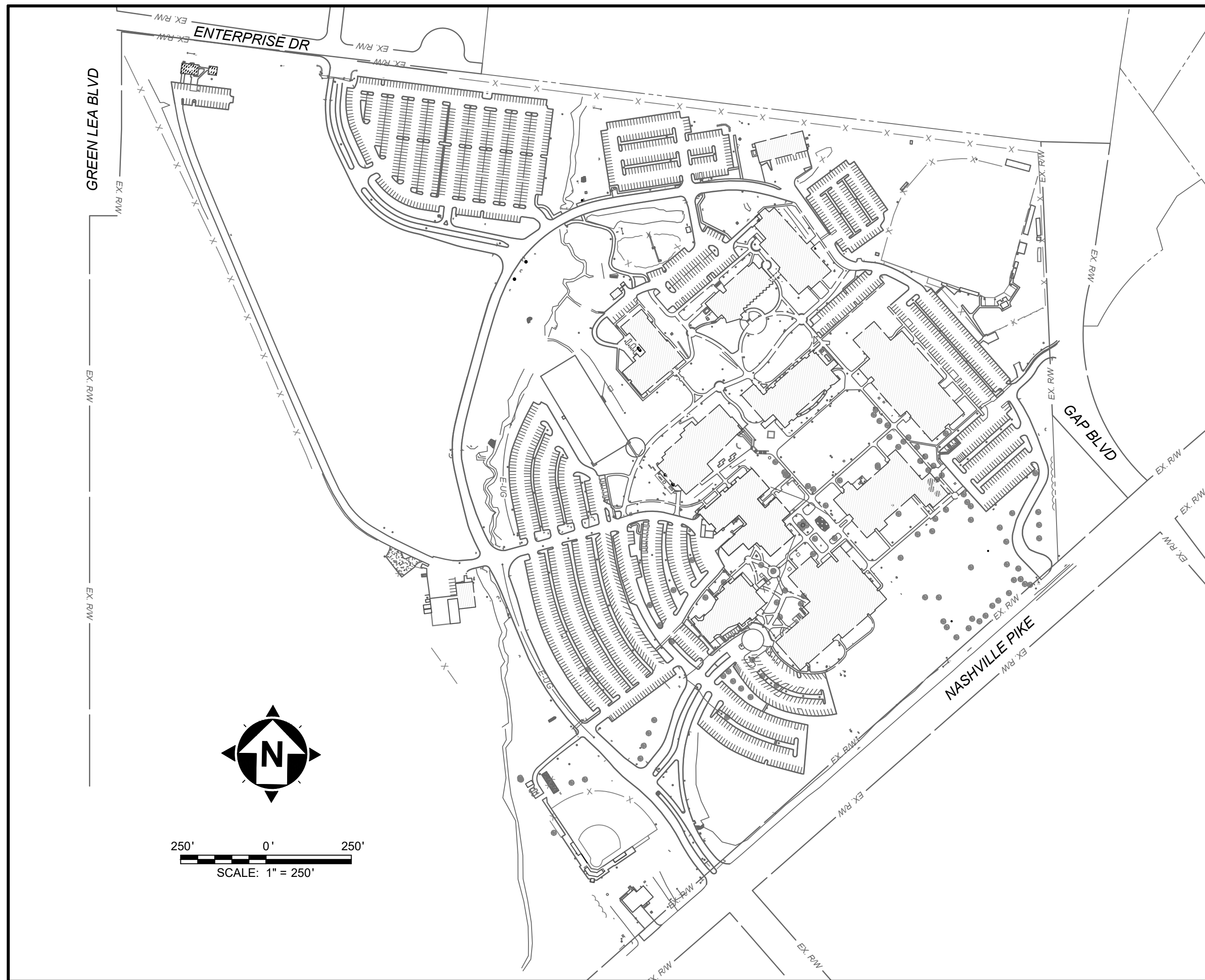
1480 NASHVILLE PIKE  
GALLATIN, TN 37066  
CT JOB # 221755  
SBC NO. 166/025-01-2023



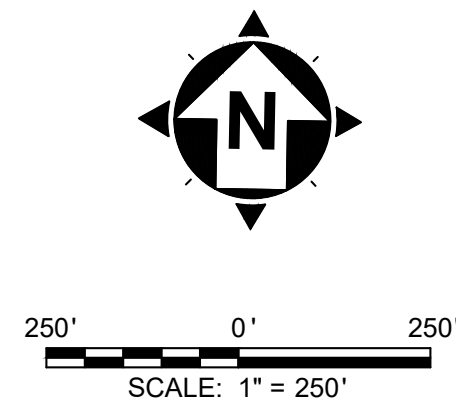
ZONING INFORMATION	
OWNER:	SUMNER COUNTY
PROPERTY ADDRESS:	1480 NASHVILLE PIKE GALLATIN, TN 370669
PARCEL NUMBER:	136 005.00
DB/PAGE:	DB 282, PG 187
TOTAL ACREAGE:	99.3 ACRES
ACREAGE DISTURBED:	0.5 ACRES
CURRENT ZONING:	R20 - LOW DENSITY RESIDENTIAL DISTRICT (PUD)

TFM # 01909, 01189-A, 01189-D, 01189-N, 01189-P, & 01189-Z  
Project # 2024-09-30-03

CODES	
ALL CONSTRUCTION SHALL CONFORM TO THESE CODES AND PLANS PER THE STATE OF TENNESSEE	
(a)	INTERNATIONAL BUILDING CODE, 2012 EDITION (EXCLUDING CHAPTER 11 AND SECTION 3411)
(b)	INTERNATIONAL FUEL GAS CODE, 2012 EDITION
(c)	INTERNATIONAL MECHANICAL CODE, 2012 EDITION
(d)	NATIONAL ELECTRIC CODE, NFPA 70, 2017 EDITION.
(e)	INTERNATIONAL ENERGY CONSERVATION CODE, 2012 EDITION
(f)	INTERNATIONAL FIRE CODE, 2012 EDITION.
(g)	INTERNATIONAL EXISTING BUILDING CODE, 2012 EDITION (SCOPE OF WORK RELATED TO EXISTING BUILDINGS)
(h)	2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
(i)	NFPA 101 LIFE SAFETY CODE, 2012 EDITION



SITE MAP



INDEX OF SHEETS					
NO.	DWG NAME	SHEET NAME	SHEET ISSUE DATE	REVISION DESCRIPTION	CURRENT REVISION DATE
1	C0.01	TITLE	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	12/16/2024
2	C0.02	NOTES AND LEGEND	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	12/16/2024
3	C0.03	DETAIL SHEET 1	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	10/17/2024
4	C0.04	DETAIL SHEET 2	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	10/17/2024
5	C1.01	OVERALL LAYOUT PLAN	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	12/16/2024
6	C1.02	PLAN AND PROFILE STA. 0+00 TO 2+25	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	12/16/2024
7	C1.03	PLAN AND PROFILE STA. 2+25 TO 6+75	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	12/16/2024
8	C1.04	PLAN AND PROFILE STA. 6+75 TO 10+80	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	12/16/2024
9	C1.05	PLAN AND PROFILE STA. 10+80 TO 15+25	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	12/16/2024
10	C1.06	PLAN AND PROFILE STA. 15+25 TO 18+25	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	12/16/2024
11	C1.07	PLAN AND PROFILE STA. 18+25 TO 21+75	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	12/16/2024
12	C1.08	PLAN AND PROFILE STA. 21+75 TO 25+75	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	12/16/2024
13	C1.09	PLAN AND PROFILE STA. 25+75 TO 30+15	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	12/16/2024
14	C1.10	PLAN AND PROFILE - LOOP	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	12/16/2024
15	C1.11	WATER LINE PLAN SHEET 1	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	12/16/2024
16	C1.12	WATER LINE PLAN SHEET 2	12/16/2024	REV 5: CONSTRUCTION DRAWINGS	12/16/2024

**PROJECT CONTACTS**

**SITE ENGINEER**  
CT CONSULTANTS INC.  
2964 SIDCOO DRIVE  
NASHVILLE, TN 37204  
MICAH HORD  
MHORD@CTCONSULTANTS.COM  
615-349-4028

**OWNER**  
TENNESSEE BOARD OF REGENTS  
1 BRIDGESTONE PARK NASHVILLE, TN 37214  
ROB BRYANT, PROJECT MANAGER  
ROBERT.BRYANT@TBR.EDU

**SCHOOL CONTACT**  
VOLUNTEER STATE COMMUNITY COLLEGE  
1480 NASHVILLE PIKE  
GALLATIN, TN 37066  
615-230-3600  
WILL NEWMAN, CFM, PEM  
WILLIAM.NEWMAN@VOLSTATE.EDU

**UTILITY CONTACTS**

**ELECTRIC**  
GALLATIN DEPARTMENT OF ENERGY  
135 JONES STREET  
GALLATIN, TN 37066  
615-452-5152

**WATER & SEWER**  
GALLATIN PUBLIC UTILITIES  
239 HANCOCK ST  
GALLATIN, TN 37066  
BENNIE BAGGETT, ASST. SUPERINTENDENT  
615-451-5922  
BBAGGETT@GALLATINUTILITIES.COM

**STORM & PUBLIC WORKS**  
CITY OF GALLATIN  
132 WEST MAIN STREET  
GALLATIN, TN 37066  
615-451-5900

**GAS**  
GALLATIN PUBLIC UTILITIES  
239 HANCOCK ST  
GALLATIN, TN 37066  
BENNIE BAGGETT, ASST. SUPERINTENDENT  
615-451-5922  
BBAGGETT@GALLATINUTILITIES.COM

**TENNESSEE CONTACTS**

**STATE FIRE MARSHALL'S OFFICE**  
STATE OF TENNESSEE - DEPARTMENT OF  
COMMERCE AND INSURANCE  
DIVISION OF FIRE PREVENTION  
500 JAMES ROBERTSON PARKWAY  
DAVY CROCKETT TOWER  
NASHVILLE, TENNESSEE 37243-0565

**CARTER LAWRENCE**  
(615) 741-2981  
ask.tdci@tn.gov

**PROJECT SPECIFICATIONS**  
THE LATEST STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS THERETO, AND THE CITY OF GALLATIN ENGINEERING DEPARTMENT SHALL GOVERN THIS PROJECT.

**SOURCE OF SURVEY INFORMATION**  
SURVEY INFORMATION SHOWN ON THESE PLANS WAS PROVIDED BY VOLUNTEER STATE COMMUNITY COLLEGE.



NO	DATE	REVISION
1	05/02/2024	30% SUBMITTAL
2	05/24/2024	DESIGN DEVELOPMENT DRAWINGS
3	08/08/2024	CONSTRUCTION DRAWINGS
4	10/17/2024	TACI PLAN CHANGES
5	12/16/2024	CONSTRUCTION DRAWINGS

**VOLUNTEER STATE COMMUNITY COLLEGE  
DOMESTIC WATER IMPROVEMENTS**  
SBC NO. 166/025-01-2023  
SUMNER COUNTY, GALLATIN, TN

**TITLE SHEET**

PROJECT NO:  
**231755**

DRAWING NAME:  
**C0.01**

SHEET **1** OF **16**



GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS...
2. THERE SHALL BE NO DEVIATION FROM THE APPROVED PLANS WITHOUT PRIOR WRITING...
3. NO GEOTECHNICAL ASSESSMENT WAS PREPARED AS PART OF THIS PROJECT...
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT STAKING...
5. ALL WORK SHALL BE LIMITED TO THE PROPERTIES AND EASEMENTS IDENTIFIED ON THE PLANS...
6. ANY DEFECTS IN CONSTRUCTION, INCLUDING MATERIALS OR WORKMANSHIP, SHALL BE REPLACED OR CORRECTED BY THE CONTRACTOR...
7. CONTRACTOR SHALL SUBMIT A PLAN OF OPERATIONS FOR REVIEW AND APPROVAL BY THE ARCHITECT...
8. RIGHT-OF-WAY AND PROPERTY LINES SHOWN ARE PLOTTED FROM SUMNER COUNTY G.I.S. MAPPING AND ARE APPROXIMATE AND NOT THE RESULT OF A FIELD BOUNDARY SURVEY...
9. ALL OSHA, STATE AND LOCAL SAFETY REGULATIONS SHALL BE FOLLOWED DURING CONSTRUCTION...
10. NO CONSTRUCTION SHALL COMMENCE UNTIL ALL SUMNER COUNTY AND THE CITY OF GALLATIN PERMITS HAVE BEEN ISSUED AS REQUIRED...
11. APPROPRIATE BARRICADES, WARNING LIGHTS, SIGNS, FENCING ETC. SHALL BE ERRECTED AROUND THE CONSTRUCTION AREA DURING NON-WORKING HOURS...
12. ANY EXISTING ROADWAY, LAWN, CURB, SIDEWALK OR OTHER APPURTENANCE DISTURBED DURING CONSTRUCTION NOT DESIGNATED FOR REMOVAL OR REPLACEMENT SHALL BE RESTORED BY THE CONTRACTOR WITHOUT ADDITIONAL COMPENSATION...
13. ANY TEMPORARY UTILITY REQUIRED BY THE CONTRACTOR (ELECTRIC, WATER ETC.) SHALL BE AT THE SOLE EXPENSE OF THE CONTRACTOR...
14. THE CONTRACTOR SHALL PRESERVE ALL BENCHMARKS, PROPERTY LINE REFERENCES, REFERENCE POINTS, STAKES AND ANY OTHER SURVEY REFERENCE...
15. ALL PROPOSED CONCRETE PAVEMENT ABUTTING EXISTING PAVEMENT SHALL BE DOWELED INTO EXISTING CONCRETE PAVEMENT USING A 3/4" DEFORMED DOWEL WITH 9" MINIMUM EMBEDMENT...
16. THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, PROVISIONS, AND POLICIES GOVERNING SAFETY AND HEALTH...
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING THE AREAS AND CONDITIONS UNDER WHICH THE PROJECT IS TO BE CONSTRUCTED...
18. CONTRACTOR SHALL REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION SET FOR OTHER PERTINENT INFORMATION...
19. ALL DISTURBED LANDSCAPING, BUSHES, TREES, PLANTERS, ETC. MUST BE REPLACED WITH THE SAME OR SIMILAR LANDSCAPING.

UTILITY NOTES

- 1. THIS PLAN SHOWS THE APPROXIMATE LOCATION OF UNDERGROUND UTILITIES (GAS, WATER, STORM SEWER, SANITARY SEWER, TELEPHONE, ELECTRIC, ETC.)...
2. PRIOR TO ANY EXCAVATION OVER AN EXISTING UTILITY LINE OR SERVICE, CONTRACTOR SHALL HAND EXCAVATE TO EXPOSE THE UTILITY AND DETERMINE LOCATION AND DEPTH...
3. TOPS OF EXISTING AND PROPOSED CASTING ELEVATIONS ARE SUBJECT TO FINAL ADJUSTMENTS AS APPROVED BY THE ENGINEER...
4. FORTY-EIGHT (48) HOURS BEFORE EXCAVATION IS TO COMMENCE, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES...
5. THE SITE MAY CONTAIN EXISTING PRIVATELY OWNED UTILITIES...
6. RECORD DRAWINGS OF NEW UTILITY SERVICES SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE OWNER...
7. THE CONTRACT DRAWINGS MAY INDICATE LOCATIONS WHERE CERTAIN UTILITIES, STRUCTURES OR FACILITIES MIGHT POSSIBLY INTERFERE...

STORM & SANITARY NOTES

- 1. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STORM AND SANITARY SEWER FLOW THROUGHOUT THE PROJECT...
2. IF REQUIRED, CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING AND SCHEDULING STORM AND SANITARY SEWER INSPECTIONS...
3. CONTRACTOR SHALL ASSURE THAT THERE IS POSITIVE DRAINAGE TO THE INLETS UPON PLACEMENT OF NEW PAVEMENT

GAS NOTES

- 1. ALL WORK RELATING TO GAS MAINS OR GAS SERVICE LINES SHALL BE COMPLETED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF GALLATIN PUBLIC UTILITIES

ELECTRIC NOTES

- 1. ALL WORK RELATING TO ELECTRIC LINES SHALL BE COMPLETED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF GALLATIN DEPARTMENT OF ELECTRICITY

ACCESSIBILITY NOTES

- 1. ALL REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) SHALL BE FOLLOWED IN ALL ASPECTS OF THE PROJECT...
2. ALL SIDEWALKS INSTALLED SHALL HAVE A MAXIMUM CROSS SLOPE OF 2%...
3. HANDICAP ACCESSIBLE PARKING SPACES SHALL NOT EXCEED A SLOPE OF 2% IN ANY DIRECTION...
4. ALL CURB RAMPS SHOWN ALONG A DESIGNATED ACCESSIBLE ROUTE SHALL BE FLUSH WITH THE ADJACENT PAVEMENT.

PAINT STRIPING NOTES

- 1. PAINT STRIPING SHALL BE INSTALLED TO MATCH EXISTING EXCEPT THAT ACCESSIBLE PARKING SPACES SHALL BE INSTALLED TO MEET MOST CURRENT ADA REQUIREMENTS...
2. THERMOPLASTIC PAVEMENT MARKING SHALL BE USED FOR STOP BARS, CROSSWALKS, AND DIRECTIONAL ARROWS...
3. ALL OTHER PAINT MARKING SHALL BE 4" WIDE STRIPING PAINTED WHITE

EXISTING CONDITIONS AND DEMOLITION NOTES

- 1. THE CONTRACTOR MUST CONTACT TENNESSEE811 AT LEAST 3 DAYS, BUT NO MORE THAN 10 WORKING DAYS, BEFORE BEGINNING ANY DIGGING...
2. THE CONTRACTOR SHALL REMOVE ALL SURPLUS MATERIAL, DEMOLISHED MATERIALS AND WASTE MATERIALS INCLUDING TREES, STUMPS, BRUSH, TRASH AND DEBRIS...
3. IF ADJACENT PAVEMENT IS DAMAGED, THE CONTRACTOR SHALL MAKE SAWCUTS, REMOVE THE DAMAGED AREAS AND REPAIR AS NECESSARY WITH NO ADDITIONAL COMPENSATION.

MAINTENANCE OF TRAFFIC NOTES

- 1. ALL MAINTENANCE OF TRAFFIC PROCEDURES SHALL MEET THE REQUIREMENT OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES...
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT TO THE ENGINEER AND THE OWNER A TRAFFIC CONTROL PLAN FOR THIS PROJECT...
3. RESIDENTS OF THE PROJECT AREA SHALL BE ALLOWED ACCESS TO THEIR PROPERTY AT ALL TIMES...
4. ALTERNATE ROUTES OR CONTINUOUS TRAFFIC CONTROL SHALL BE EMPLOYED WHEN A PUBLIC WAY IS TEMPORARILY BLOCKED...
5. STUDENTS AND STAFF SHALL BE ALLOWED ACCESS TO CAMPUS BUILDINGS AND FACILITIES AT ALL TIMES...

GRADING AND EROSION CONTROL NOTES

- 1. ALL DISTURBED AREAS ARE TO BE RESTORED (SEEDED AND MULCHED) BY THE CONTRACTOR AND SHALL PROCEED WITH JOB PROGRESSION...
2. ADDITIONAL BMP'S AND EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS DEEMED NECESSARY...
3. ALL EXCAVATION IS CONSIDERED UNCLASSIFIED AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS AND MATERIALS OF CONSTRUCTION...
4. ALL TREES AND OTHER VEGETATION WITHIN THE PROJECT LIMITS THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED...
5. THE CONTRACTOR SHALL REMOVE ALL SURPLUS DEMOLISHED AND WASTE MATERIALS, INCLUDING TREES, STUMPS, TRASH AND DEBRIS...
6. THE CONTRACTOR SHALL PROVIDE FINAL GRADING TO WITHIN 1" OF GRADES SHOWN ON THE PLANS...
7. TOPSOIL SHALL BE STRIPPED AND SOCKPILED FROM ALL AREAS TO BE GRADED...
8. EXCESS SOIL GENERATED FROM TRENCH EXCAVATIONS SHALL BE INCORPORATED IN THE LUMP SUM BID...
9. NO SLAG, RIVER GRAVEL, RECYCLED PORTLAND CEMENT CONCRETE, RECLAIMED ASPHALT CONCRETE PAVEMENT OR RECLAIMED BITUMINOUS AGGREGATE BASE SHALL BE USED AS FILL...
10. EXPOSED PAVEMENT SUBGRADE AREAS SHALL BE MAINTAINED IN CONDITIONS TO PREVENT PONDING OF WATER AFTER RAINS...
11. ALL EXISTING AND PROPOSED MANHOLE COVERS, VALVE BOXES, ETC. LOCATED WITHIN PEDESTRIAN ACCESS SHALL BE FLUSH MOUNTED WITH THE WALKING SURFACE...
12. SLOPE ALL PAVING AND LANDSCAPE AREAS AWAY FROM THE BUILDING AT A MINIMUM OF 1%...
13. THE ENGINEER MAKES NO REPRESENTATION AS TO A BALANCED EARTHWORK SITE...
14. THE CONTRACTOR SHALL PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS AND OTHER FACILITIES TO REMAIN FROM DAMAGE CAUSED BY EARTHWORK OPERATIONS...
15. MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR(S)...
16. CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION OF REPAIR AND/OR REPLACEMENT OF BMP'S

WATER NOTES

- 1. ALL WORK RELATING TO WATER MAINS OR WATER SERVICE LINES SHALL BE COMPLETED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF GALLATIN PUBLIC UTILITIES (GPU)...
2. CONTRACTOR MAY NOT USE WATER FROM FIRE HYDRANTS WITHOUT PRIOR PERMISSION FROM GPU...
3. MAINTAIN A MINIMUM 10' HORIZONTAL SEPARATION AND 18" VERTICAL SEPARATION FROM ALL SANITARY SEWERS...
4. FIRE STOPPING REQUIREMENT: FIRE STOPPING METHODS AND MATERIALS EMPLOYED ON THE JOB SITE MAY NOT DEVIATE FROM THE APPROVED SYSTEMS DETAILED WITHIN THIS APPROVED SET...
5. FIRE SPRINKLER SHOP DRAWINGS MUST BE SUBMITTED TO THE DIVISION OF FIRE PREVENTION, CODES ENFORCEMENT SECTION...
6. WATER SUPPLIES AND ENVIRONMENT CONDITIONS SHALL BE EVALUATED FOR THE EXISTENCE OF MICROBES AND CONDITIONS THAT CONTRIBUTE TO MICROBIOLOGICALLY INFLUENCED CORROSION (MIC)...
A. INSTALL A WATER PIPE THAT WILL NOT BE AFFECTED BY THE MIC MICROBES.
B. TREAT ALL WATER THAT ENTERS THE SYSTEM USING AN APPROVED BIOCIDES.
C. IMPLEMENT AN APPROVED PLAN FOR MONITORING THE INTERIOR CONDITIONS OF THE PIPE AT ESTABLISHED TIME INTERVALS AND LOCATIONS.

SYMBOL LEGEND

Legend table listing symbols for existing and proposed utilities: Gas, Electric, Cable, Telephone, Water Main, Storm Sewer, Roof Drain, Sanitary Sewer, Force Main, Fiber Optics, Fence, Contours, Right of Way, Property Line, Easement, Guardrail, Tree Line. Includes scales, dates, and revision history.

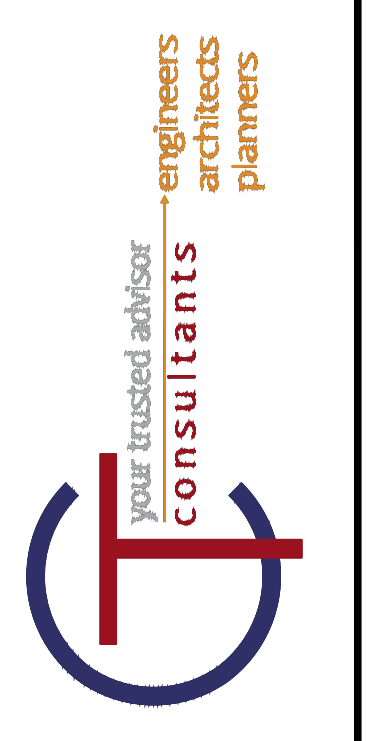
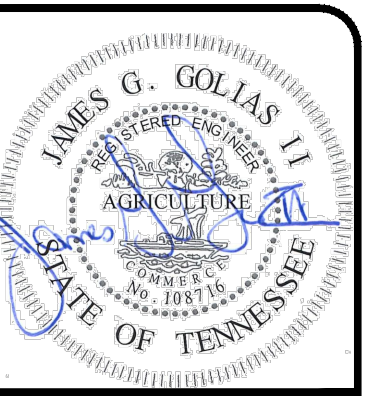
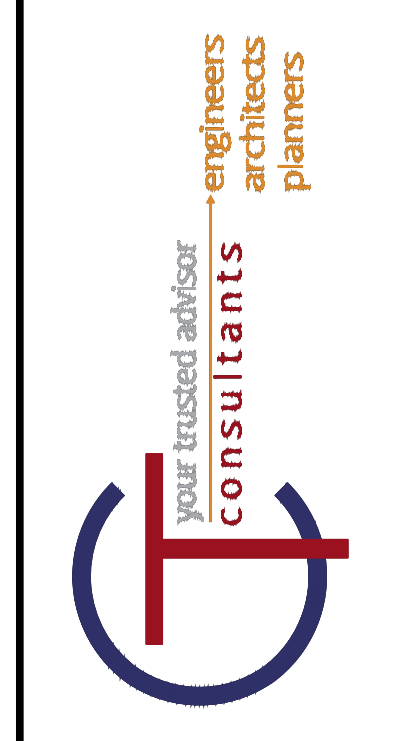
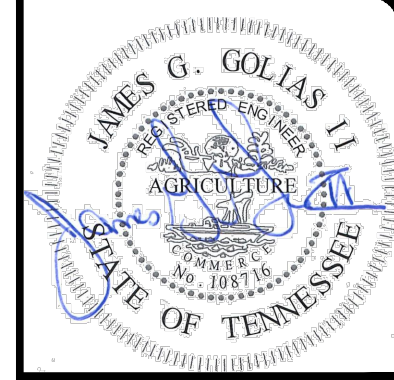


Table with columns: NO, SCALE, AS SHOWN, DATE, DESIGNED BY, DRAWN BY, CHECKED BY, REVISION, DATE, SUBMITTAL, DRAWINGS, CHANGES.

Project information: VOLUNTEER STATE COMMUNITY COLLEGE DOMESTIC WATER IMPROVEMENTS, PROJECT NO: 231755, DRAWING NAME: C0.02, SHEET: 2 OF 16.





NO	DATE	REVISION
1	05/02/2024	30% SUBMITTAL
2	05/24/2024	DESIGN DEVELOPMENT DRAWINGS
3	08/08/2024	CONSTRUCTION DRAWINGS
4	10/17/2024	TACI PLAN CHANGES
5	12/16/2024	CONSTRUCTION DRAWINGS

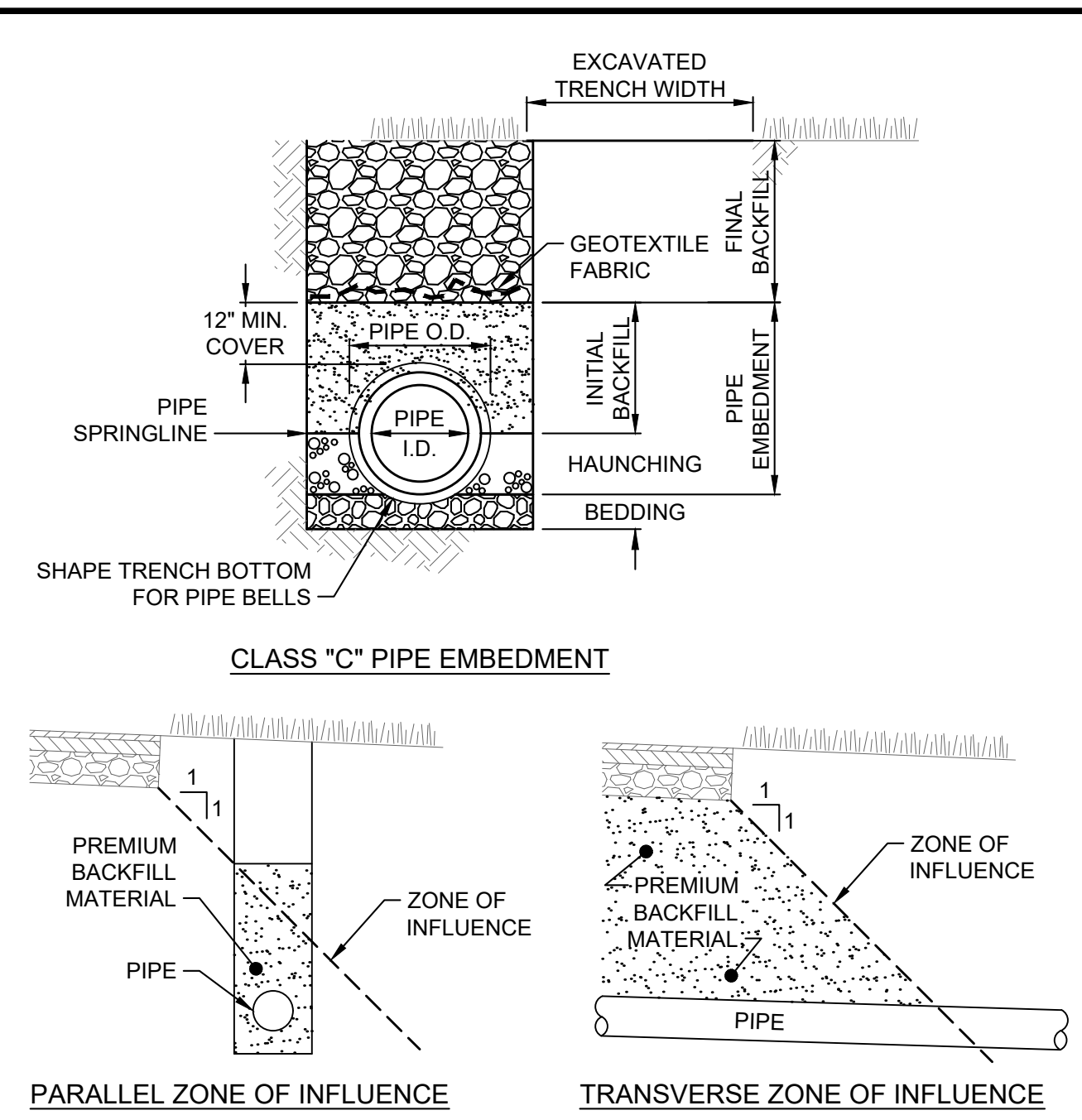
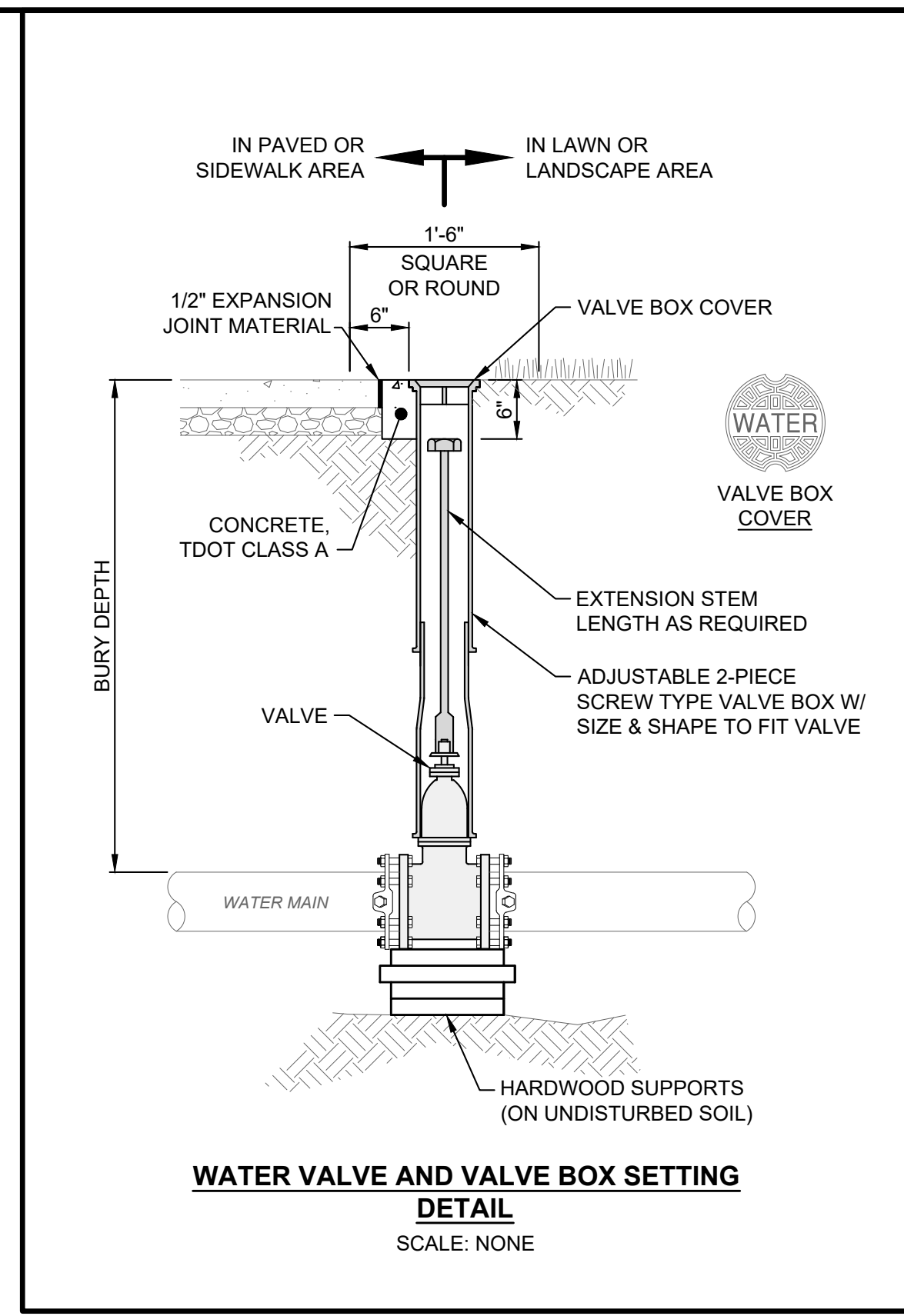
  

SCALE:	AS SHOWN	DATE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
		12/16/2024	MAH	MAH	BM

**VOLUNTEER STATE COMMUNITY COLLEGE  
DOMESTIC WATER IMPROVEMENTS**  
SBC NO. 186025-01-2023  
SUMNER COUNTY, GALLATIN, TN

**DETAIL SHEET 1**

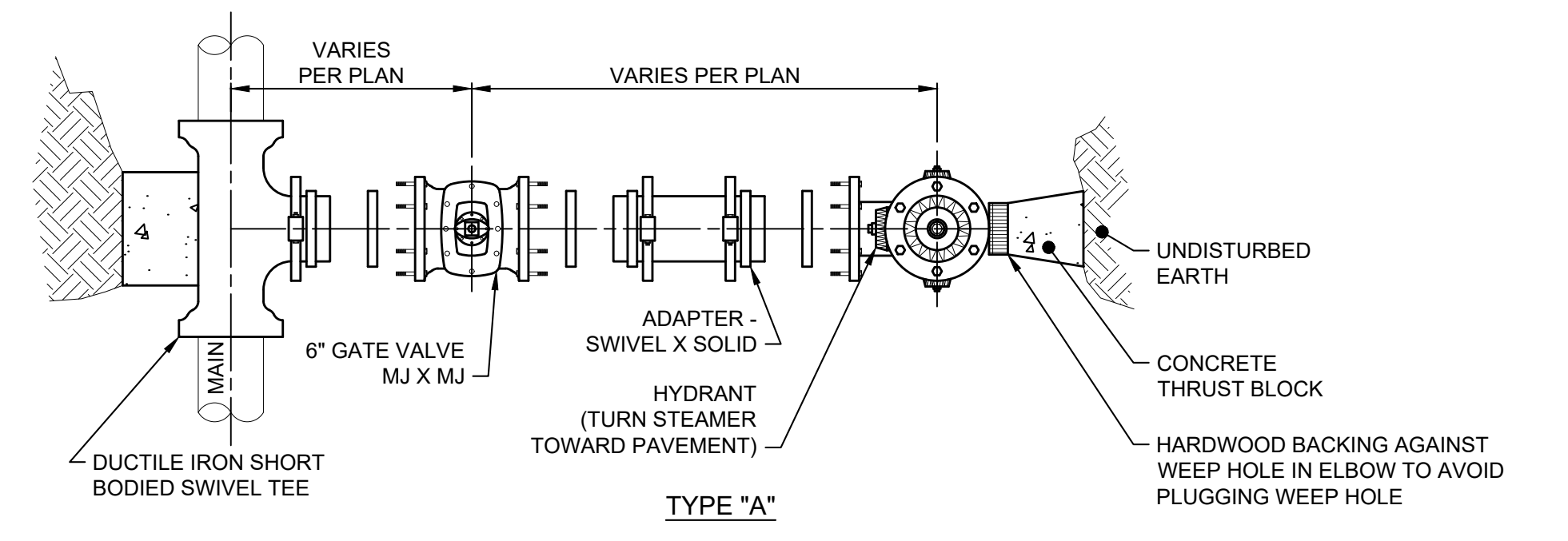
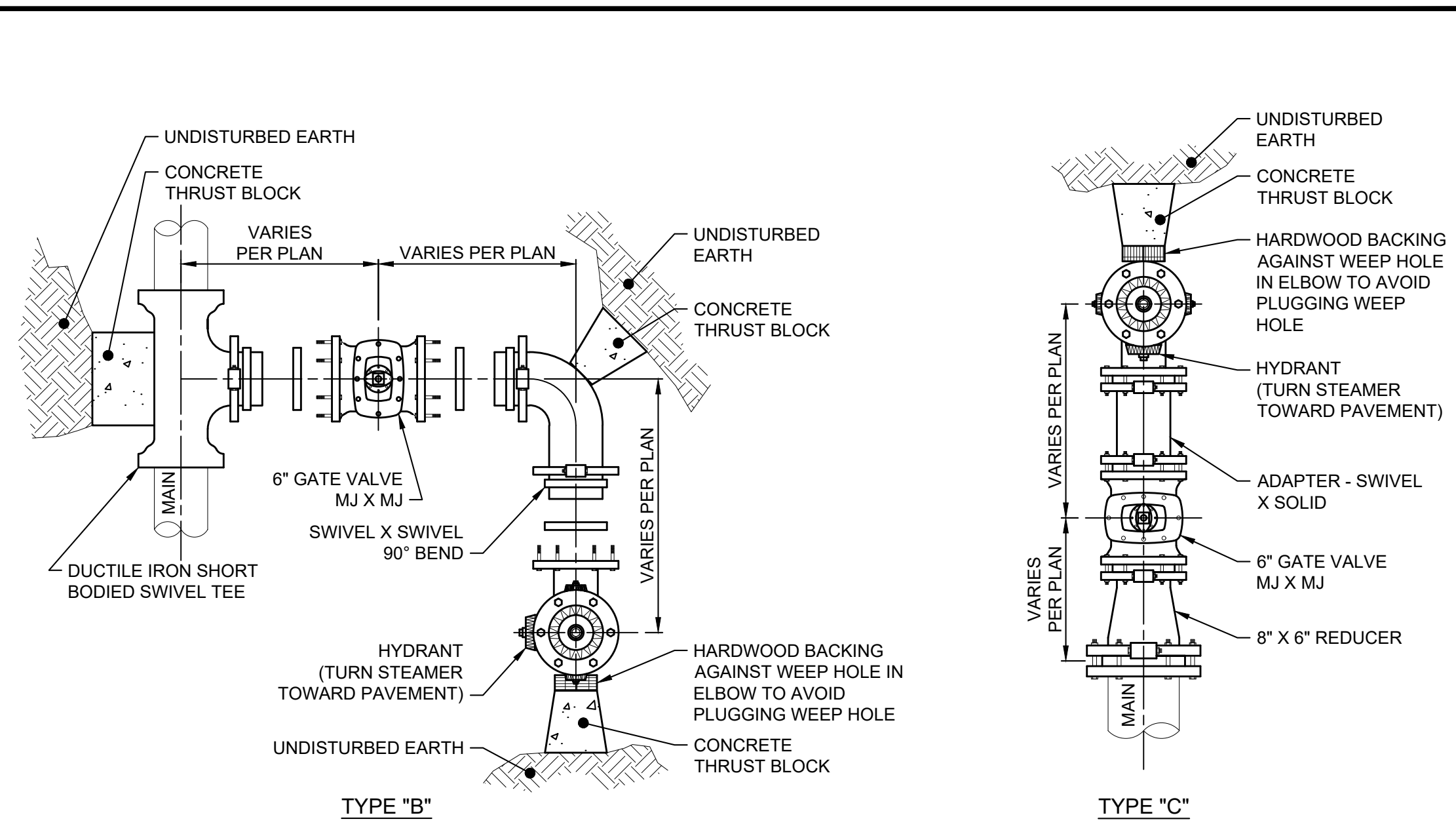
PROJECT NO:	
231755	
DRAWING NAME	
C0.03	
SHEET	OF
3	16



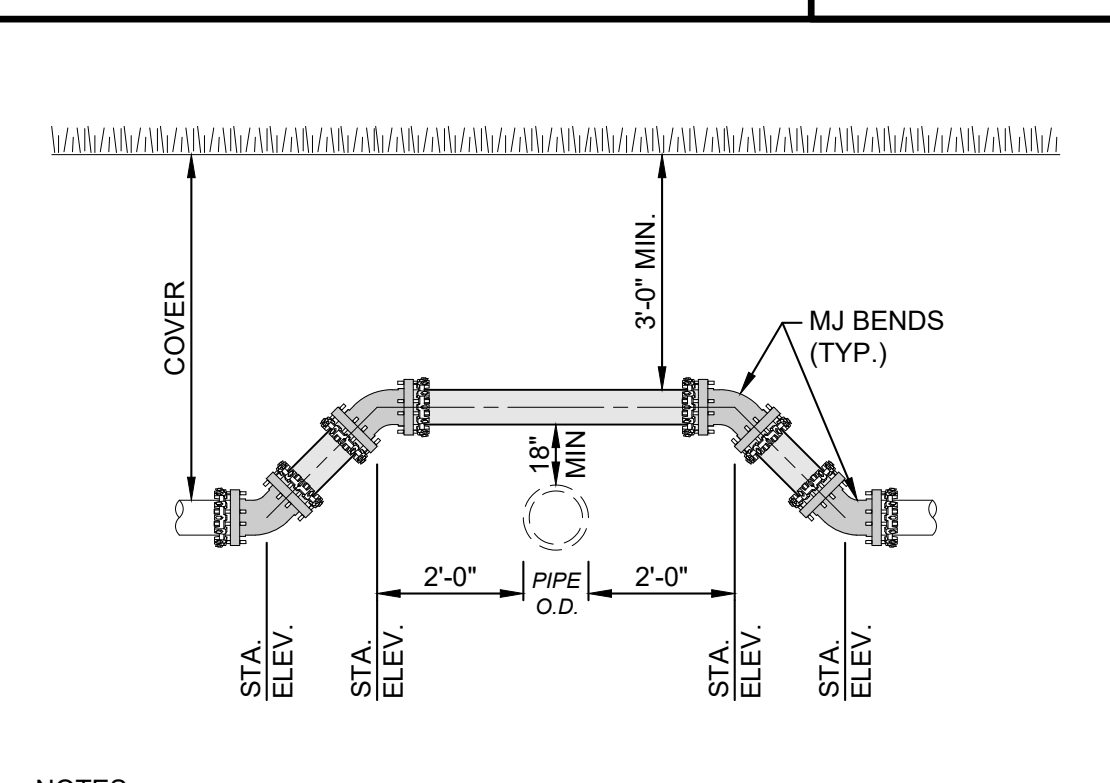
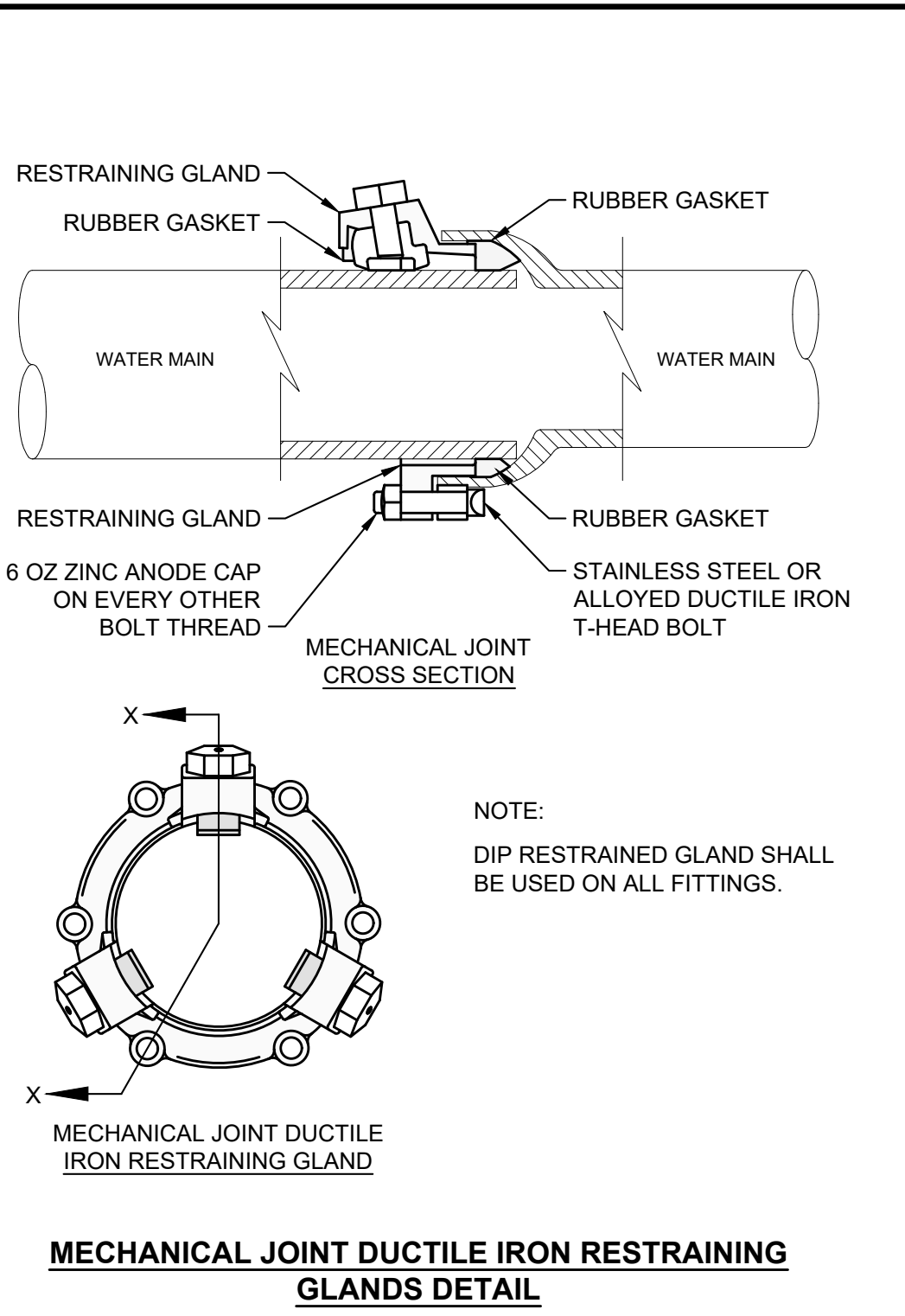
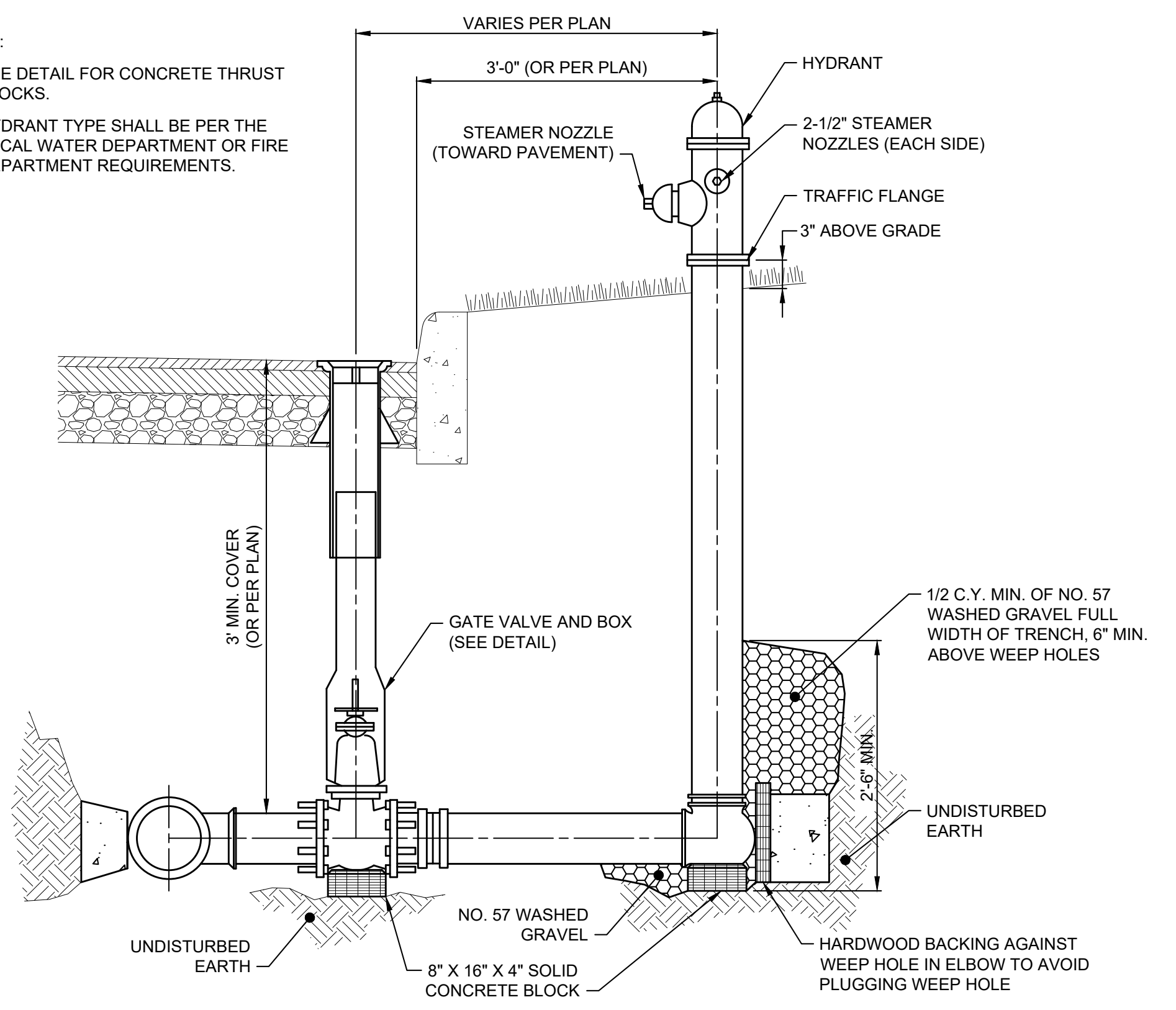
- NOTES:**
- EXCAVATED TRENCH WIDTH: MEASURED FROM BOTTOM OF TRENCH TO 12" OVER TOP OF PIPE (WITHIN THE PIPE EMBEDMENT), THE MIN. TRENCH WIDTH SHALL BE 9" AND THE MAX. SHALL BE:
    - O.D.+24" FOR 24" AND SMALLER I.D. PIPE (33" FOR 8" DIP)
  - FINAL BACKFILL: ALL AREAS UNDER PAVEMENT, STRUCTURES OR WITHIN THE ZONE OF INFLUENCE SHALL BE PREMIUM BACKFILL (MINERAL AGGREGATE TYPE A BASE, GRADING D LIMESTONE). PAVEMENT INCLUDES ROADWAY, SHOULDER AND DRIVEWAY, BUT NOT SIDEWALK. NO SLAG OR SLACKER AGGREGATES ALLOWED. IN ALL OTHER AREAS, THE FINAL BACKFILL SHALL BE SUITABLE ON-SITE MATERIAL.
  - PIPE EMBEDMENT:
 

CLASS "C": SHALL BE USED ONLY FOR DUCTILE IRON WATER MAIN OR FORCE MAIN. THE PIPE EMBEDMENT SHALL BE NO. 8 OR 57 COURSE INTERLOCKING LIMESTONE AGGREGATE IN ALL AREAS UNDER PAVEMENT, STRUCTURES OR WITHIN THE ZONE OF INFLUENCE. IN ALL OTHER AREAS, THE PIPE EMBEDMENT SHALL BE SUITABLE ON-SITE MATERIAL. BEDDING IS NOT REQUIRED. WHERE ROCK OR SHALE IS ENCOUNTERED, BEDDING SHALL BE 6" MIN. OF NO. 8 OR 57 COURSE INTERLOCKING LIMESTONE AGGREGATE OR SAND.
  - SUBBEDDING: WHERE AN UNSTABLE TRENCH BOTTOM CONDITION IS ENCOUNTERED, EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH MATERIAL AS DIRECTED BY THE ENGINEER.
  - GEOTEXTILE FABRIC SHALL BE PER TDOT 921.12, TYPE I AND INSTALLED AFTER ALL INITIAL BACKFILL.
  - CLAY TRENCH DAMS SHALL BE REQUIRED AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.

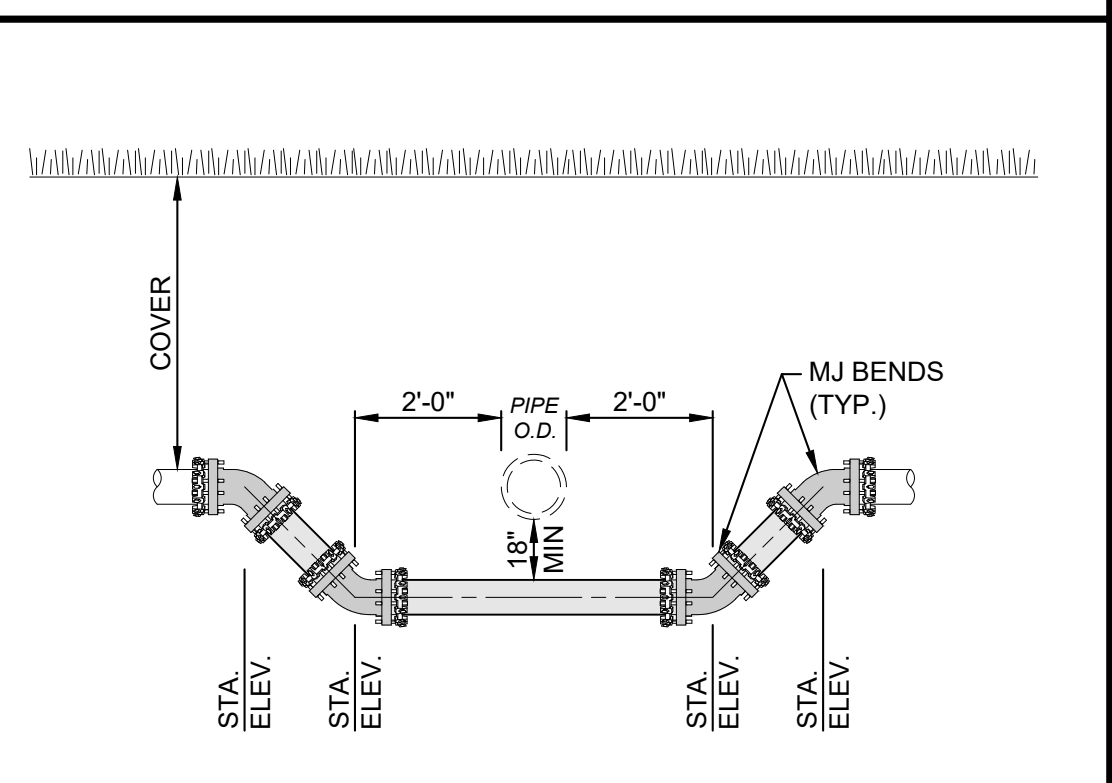
**TRENCHING, EMBEDMENT AND BACKFILL DETAIL**  
SCALE: NONE



- NOTES:**
- SEE DETAIL FOR CONCRETE THRUST BLOCKS.
  - HYDRANT TYPE SHALL BE PER THE LOCAL WATER DEPARTMENT OR FIRE DEPARTMENT REQUIREMENTS.

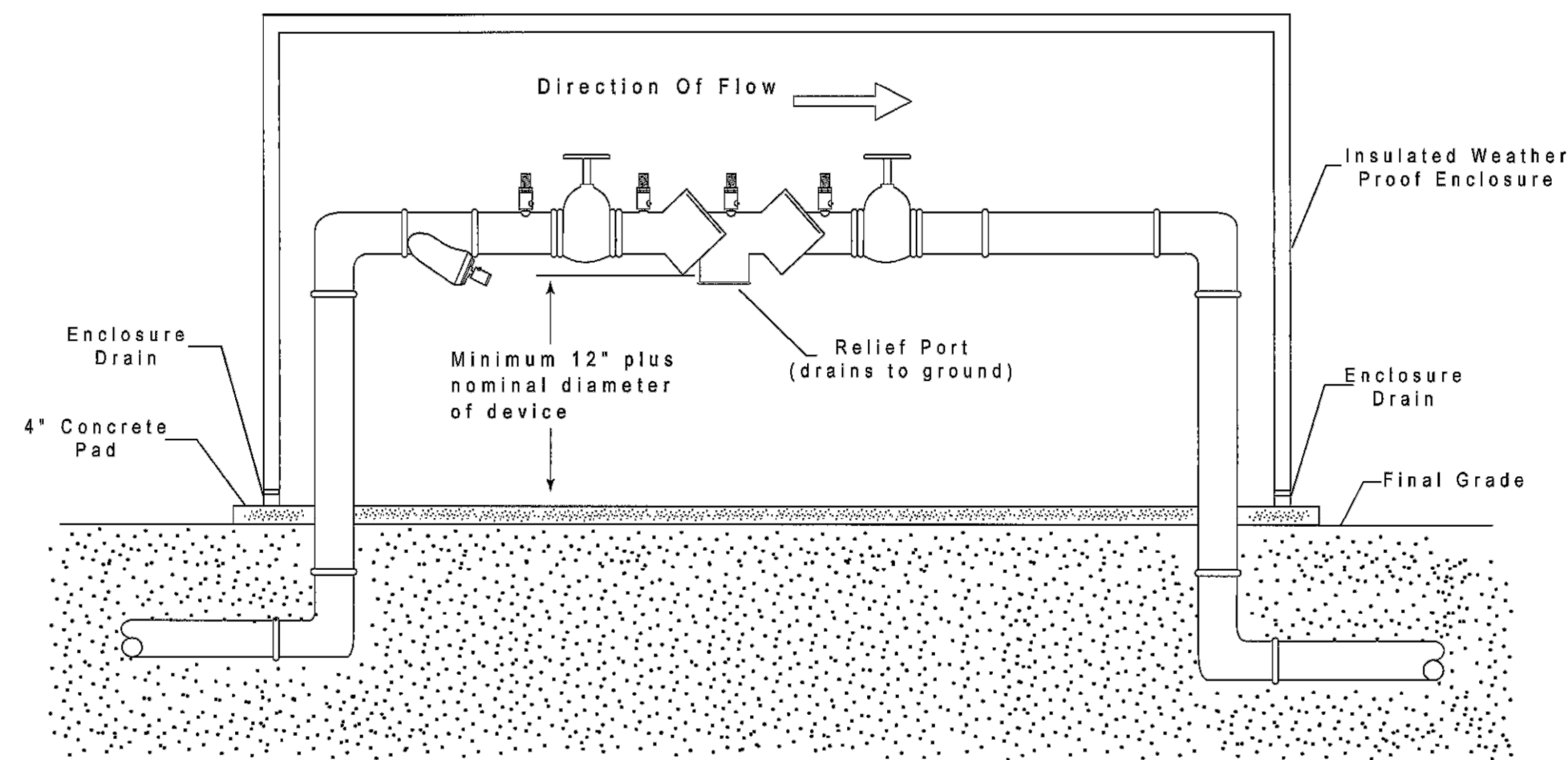


- NOTES:**
- ENTIRE OFFSET INCLUDING BENDS SHALL BE BUILT WITH DUCTILE IRON RESTRAINED MECHANICAL JOINTS, CLASS 52 CEMENT LINED PIPE. IF AN INTERMEDIATE JOINT IS REQUIRED BETWEEN BENDS, THE ENTIRE OVERPASS SHALL BE BUILT WITH BOLTLESS RESTRAINED PIPE AND FITTINGS.



- NOTES:**
- ENTIRE OFFSET INCLUDING BENDS SHALL BE BUILT WITH DUCTILE IRON RESTRAINED MECHANICAL JOINTS, CLASS 52 CEMENT LINED PIPE. IF AN INTERMEDIATE JOINT IS REQUIRED BETWEEN BENDS, THE ENTIRE UNDERPASS SHALL BE BUILT WITH BOLTLESS RESTRAINED PIPE AND FITTINGS.



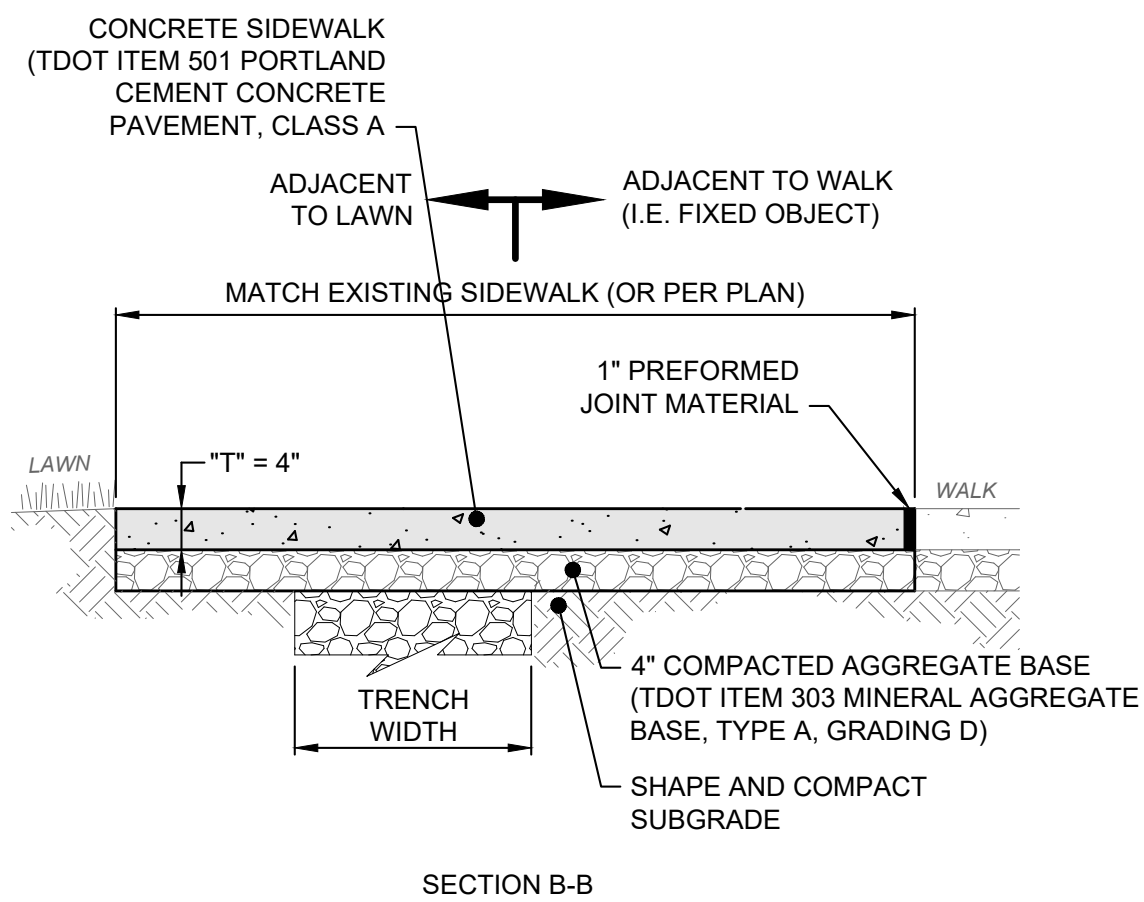


**BACKFLOW PREVENTION**

LOCATION	DIA.	BACKFLOW TYPE
2B	4"	DOUBLE CHECK DETECTOR
3B	4"	DOUBLE CHECK DETECTOR
6B	6"	DOUBLE CHECK DETECTOR
8B	4"	DOUBLE CHECK DETECTOR

**DOUBLE CHECK DETECTOR BACKFLOW ASSEMBLY FOR BUILDING FIRE LINE CONNECTION**

SCALE: NONE



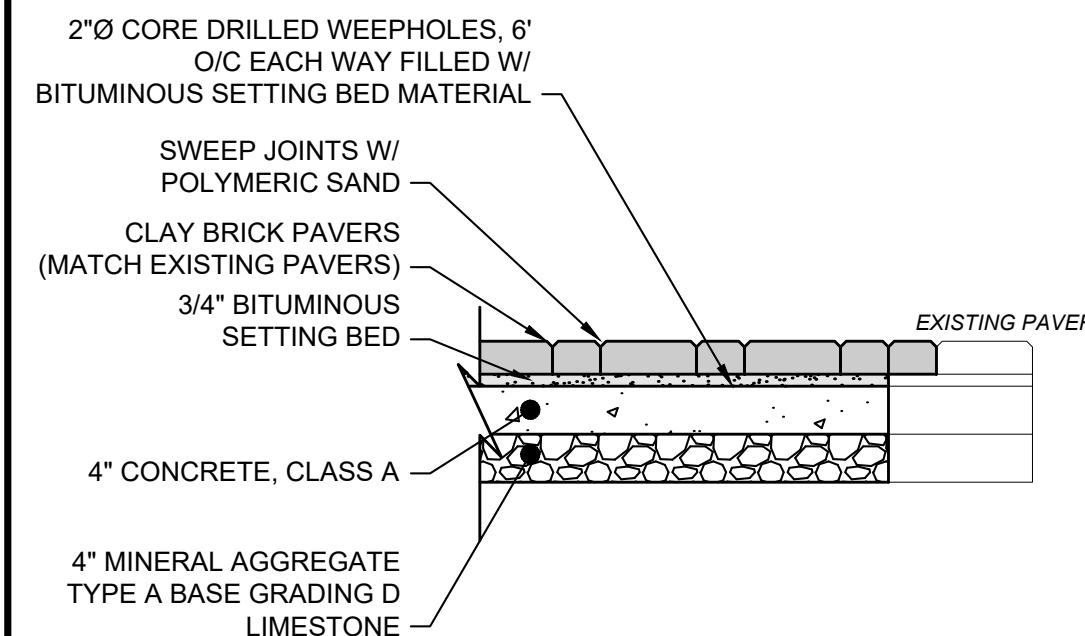
SECTION B-B

**NOTES:**

1. REMOVE EXISTING SIDEWALK TO THE NEAREST JOINT.
2. JOINT LINES TO MATCH EXISTING JOINT LOCATIONS. IF JOINTS ARE NOT PROVIDED, THEN THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL JOINTS. DIVIDE JOINTS INTO EQUALLY SPACED RECTANGULAR BLOCKS.
3. SAW CUT OR HAND TOOL JOINT 1/8" WIDE BY 1/4 OF "T" DEEP.
4. ROUND ALL EDGES AND JOINTS WITH A 1/4" RADIUS.
5. INSTALL PREFORMED JOINT MATERIAL EVERY 30', OR BETWEEN SIDEWALK AND FIXED OBJECT (I.E. MANHOLE, WALK, BUILDING), WALK SHOWN FOR REFERENCE ONLY.
6. LIGHTLY BROOM THE FINISH PERPENDICULAR TO THE WALKING PATH OR PER PLAN. IF HAND TOOLED JOINTS AND EDGES ARE SPECIFIED, FINISH AFTER PANEL INTERIOR TEXTURE HAS BEEN APPLIED (I.E. WINDOW PANE EFFECT).
7. MAXIMUM SIDEWALK CROSS SLOPE IS 1.5%.

**CONCRETE WALK DETAIL**

SCALE: NONE

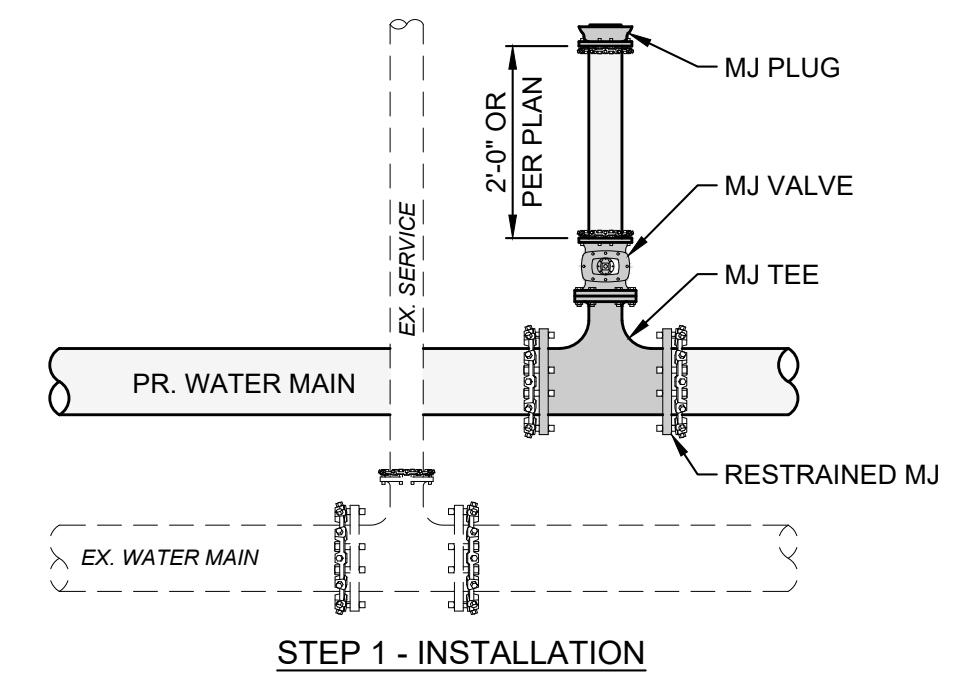


**BRICK PAVERS REPLACEMENT DETAIL**

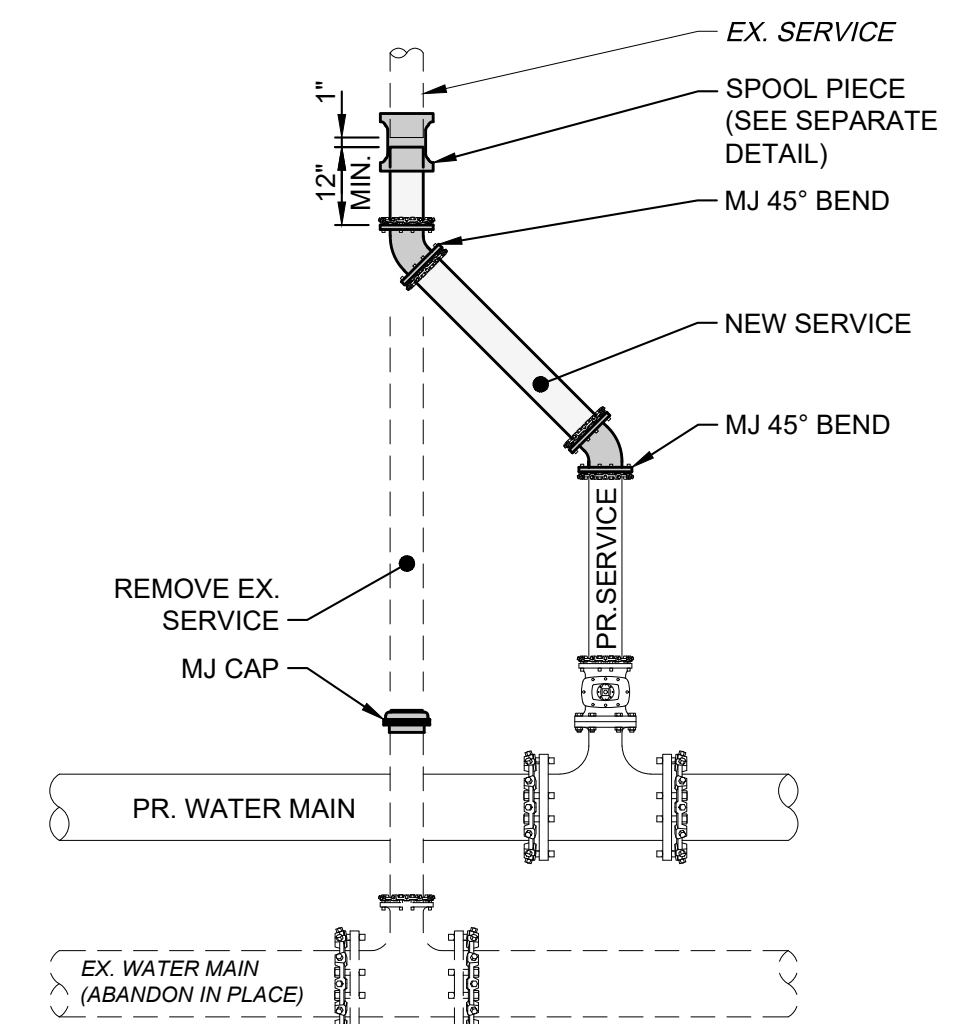
SCALE: NONE

**NOTES:**

1. PAVERS SHALL BE PLACED IN PATTERNS TO MATCH EXISTING REPLACED PAVERS.
2. PAVERS SHALL BE SAW CUT AS REQUIRED TO ELIMINATE EXCESSIVE JOINT WIDTHS. DO NOT USE FILLERS TO FILL JOINTS OF EXCESSIVE WIDTH; RESET AND SAW CUT PAVERS AS REQUIRED TO ELIMINATE EXCESSIVE JOINT WIDTHS.



STEP 1 - INSTALLATION



STEP 2 - RECONNECTION

**STEP 1 INSTALLATION NOTES:**

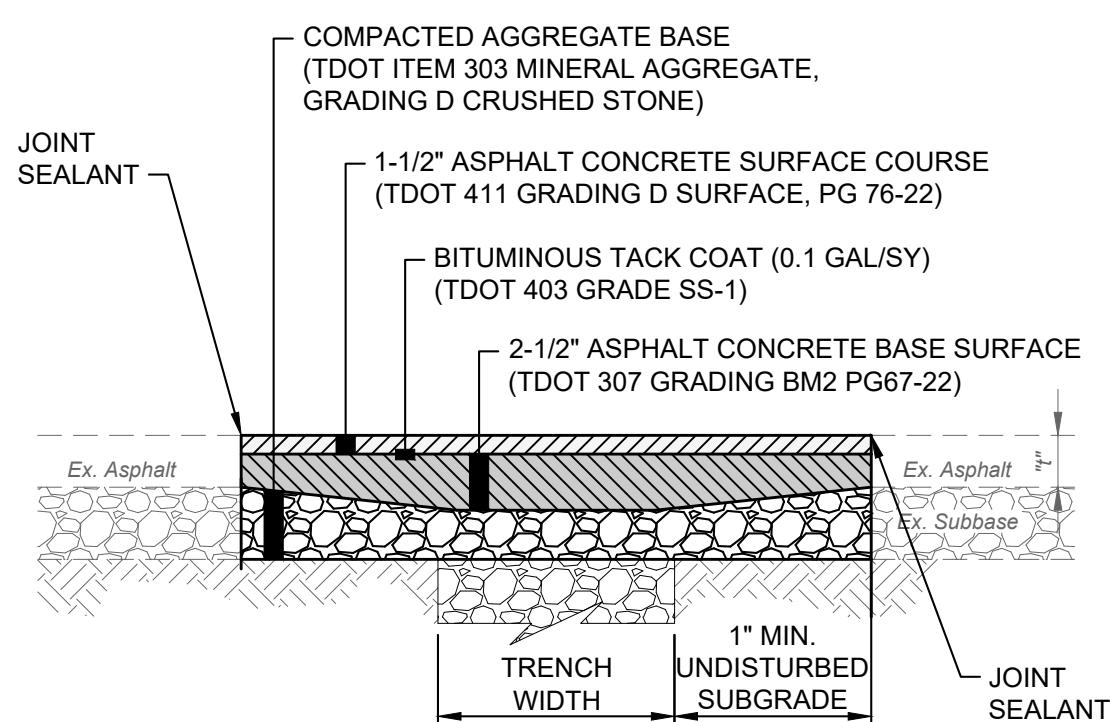
1. INSTALL TEE, VALVE, MJ GLANDS, SPOOL PIECE AND PIPE.
2. TEMPORARILY PLUG AND BRACE THE VALVE W/MJ PLUG.

**STEP 2 RECONNECTION NOTES:**

1. AFTER THE NEW WATER MAIN IS APPROVED, CUT, CAP AND BRACE EX. SERVICE.
2. REMOVE TEMPORARY MJ PLUG FROM STEP 1 AND CONNECT NEW SERVICE W/BENDS AND SLEEVE.

**CONNECTION DETAIL 1: 3\"/>**

SCALE: NONE

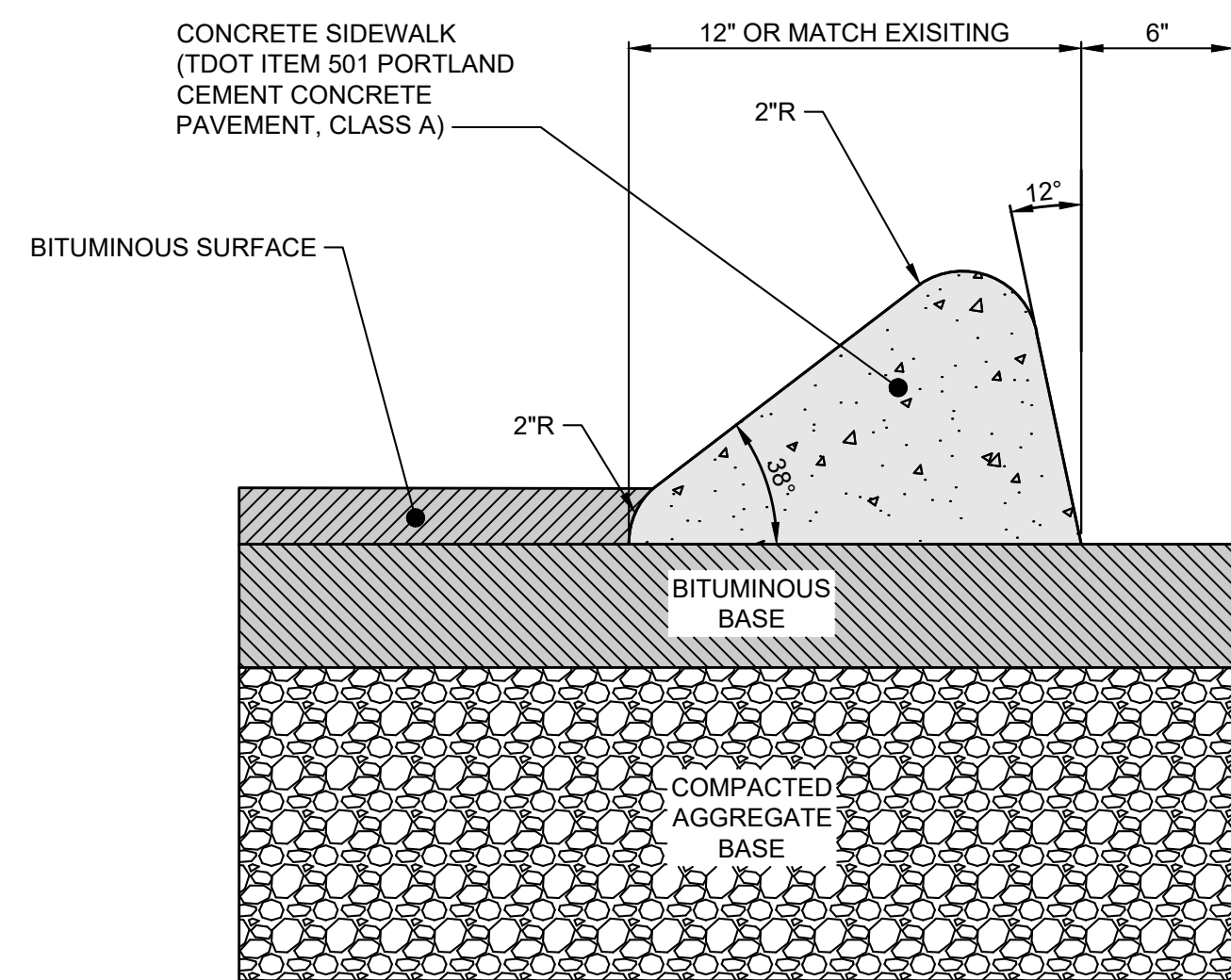


**NOTES:**

1. ASPHALT PAVEMENT TO BE REMOVED SHALL BE SAW CUT IN A NEAT AND STRAIGHT LINE. ADDITIONAL SAW CUTS MAY BE DESIRED TO FACILITATE REMOVAL, BUT THERE WILL BE NO EXTRA PAYMENT.
2. PAVEMENT SHALL BE REMOVED WITHOUT DAMAGING OR UNDERMINING THE PAVEMENT TO REMAIN. IF ADJACENT PAVEMENT IS DAMAGED, THE CONTRACTOR SHALL MAKE ADDITIONAL SAW CUTS, REMOVE THE DAMAGED AREAS AND REPAIR AS NECESSARY WITH NO ADDITIONAL COMPENSATION.
3. TACK COAT SHALL BE APPLIED TO THE EXPOSED EX. ASPHALT BASE COURSE AND ALL SIDES OF PATCH.
4. JOINT SEALANT (TDOT ITEM 905) SHALL BE APPLIED AROUND THE EDGE OF PATCH.

**ASPHALT PAVEMENT REPAIR OVER TRENCH DETAIL**

SCALE: NONE

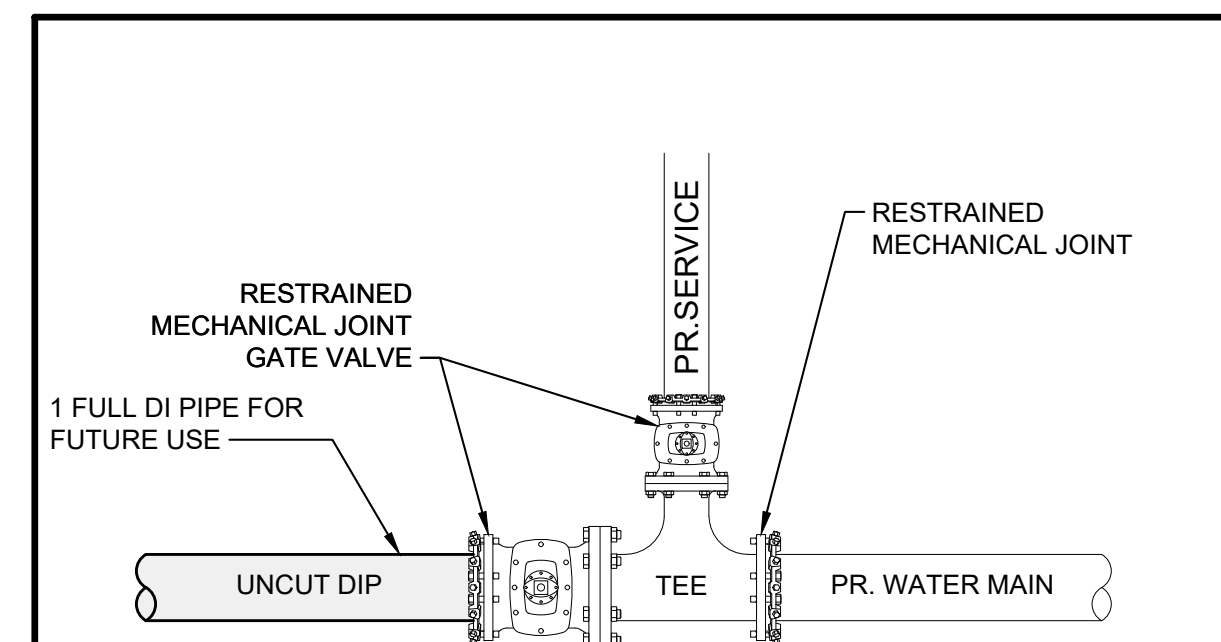


**NOTES:**

1. CONCRETE CURB TO BE REMOVED SHALL BE SAW CUT IN A NEAT AND STRAIGHT LINE. ADDITIONAL SAW CUTS MAY BE DESIRED TO FACILITATE REMOVAL.
2. PROPOSED CURB TO MATCH THE EXISTING ADJACENT CURB.

**CONCRETE INTEGRAL CURB DETAIL**

SCALE: NONE

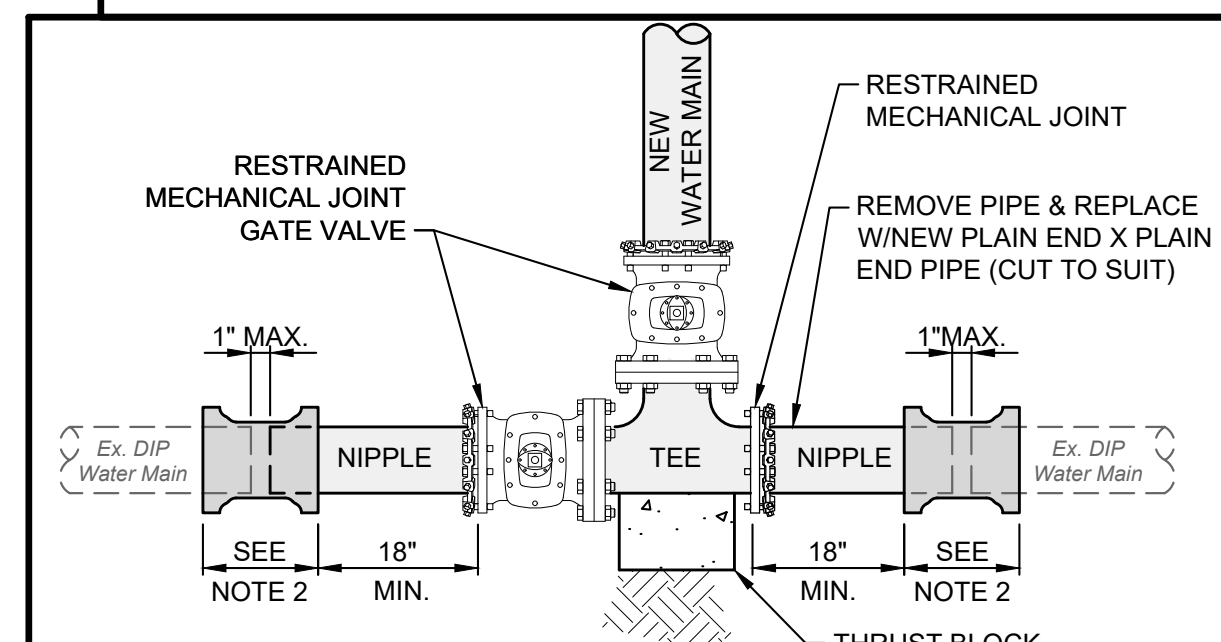


**NOTES:**

1. ADD VALVE AND 1 FULL LENGTH DIP PIPE IF ALTERNATES ARE NOT SELECTED.

**TEE AND VALVE FOR FUTURE USE DETAIL**

SCALE: NONE

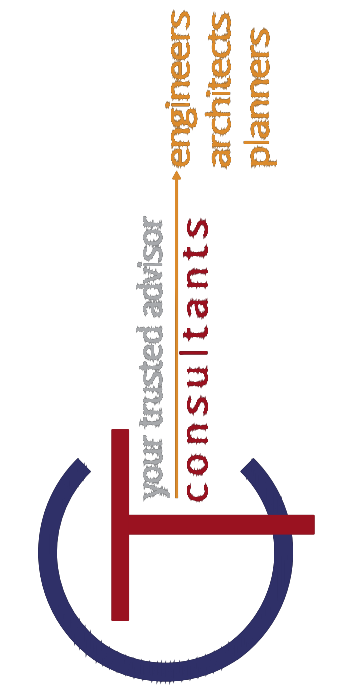
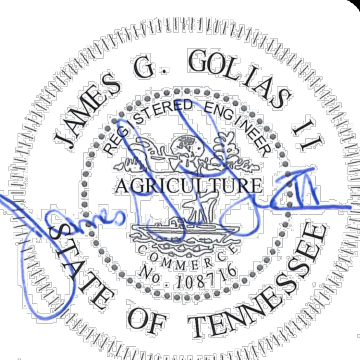


**NOTES:**

1. BEFORE CUTTING EX. WATER MAIN, BOTH NIPPLES SHALL BE CONNECTED TO THE GATE VALVE.
2. CONNECTION SHALL BE MADE WITH RESTRAINED MECHANICAL JOINT SOLID SLEEVES OF D.I. CLASS 350 OR COMPRESSION COUPLINGS. COMPRESSION COUPLINGS SHALL BE GASKET, SLEEVE TYPE. EACH COUPLING SHALL CONSIST OF (1) MIDDLE RING WITHOUT STOPS; (2) FOLLOWER GLANDS; (2) RUBBER COMPOUND WEDGE SECTION GASKETS; AND STAINLESS STEEL BOLTS AND NUTS (ASTM A276/A193/194, TYPE 304). THE MIDDLE RING AND FOLLOWER GLANDS SHALL BE EITHER STEEL OR DUCTILE IRON (ASTM-A536).

**CUT-IN TEE DETAIL (DIP WATER MAIN)**

SCALE: NONE



NO	DATE	REVISION
1	05/02/2024	30% SUBMITTAL
2	05/24/2024	DESIGN DEVELOPMENT DRAWINGS
3	08/08/2024	CONSTRUCTION DRAWINGS
4	10/17/2024	TACI PLAN CHANGES
5	12/16/2024	CONSTRUCTION DRAWINGS

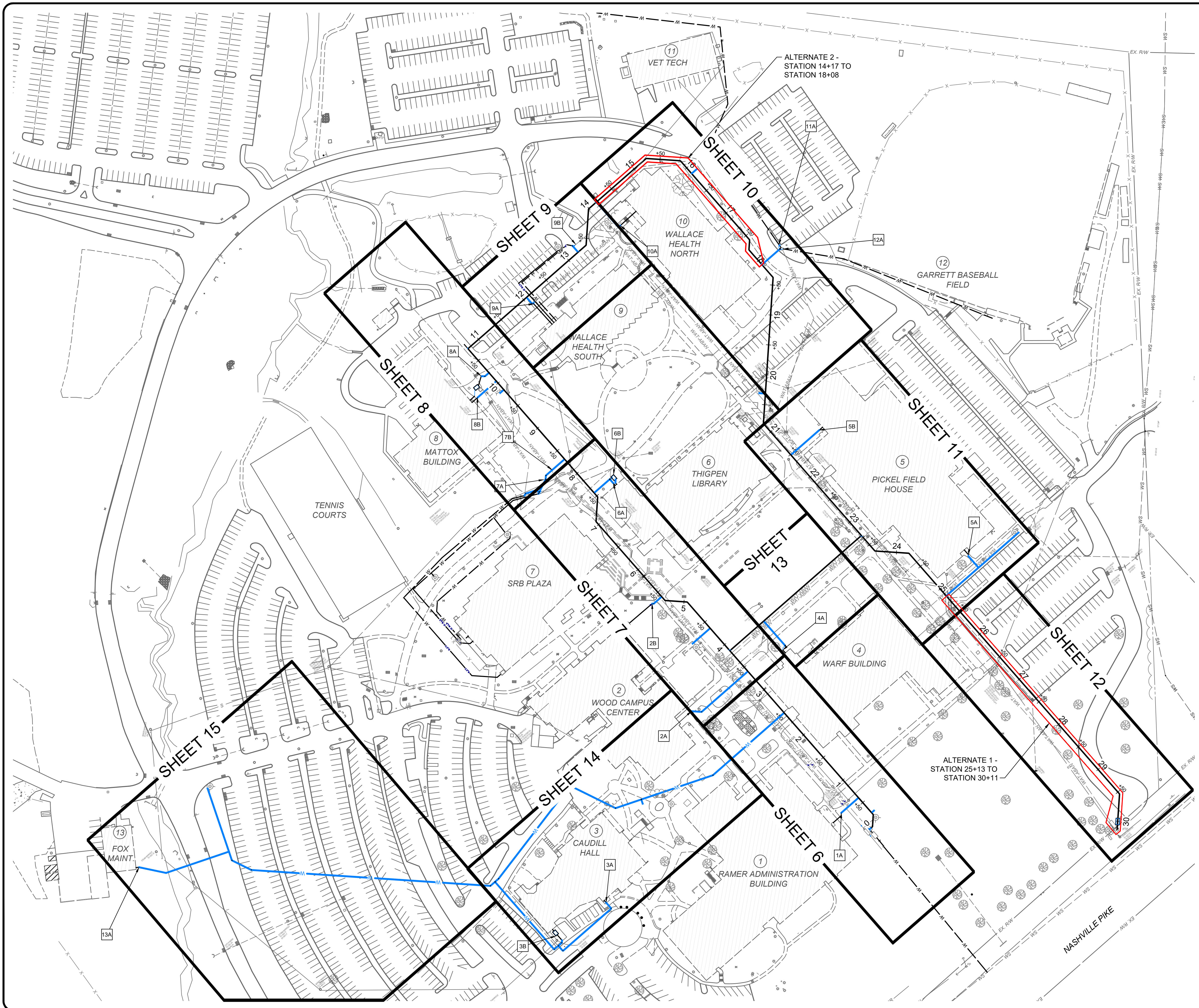
  

SCALE:	AS SHOWN
DATE:	12/16/2024
DESIGNED BY:	MAH
DRAWN BY:	MAH
CHECKED BY:	BM

**VOLUNTEER STATE COMMUNITY COLLEGE  
DOMESTIC WATER IMPROVEMENTS**  
SBC NO. 166/025-01-2023  
SUMNER COUNTY, GALLATIN, TN

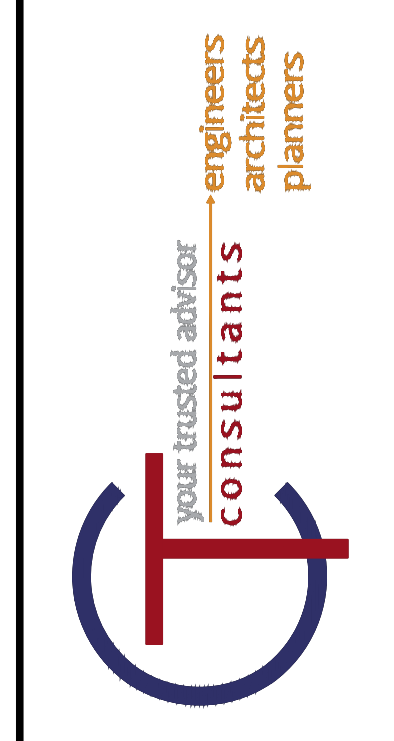
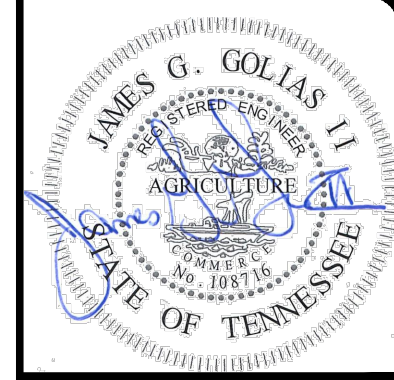
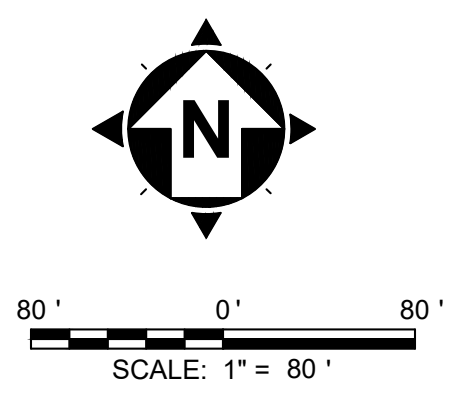
PROJECT NO:	
231755	
DRAWING NAME	
C0.04	
SHEET	OF
4	16





NOTES	
1A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
2A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
2B	RECONNECT 4" FIRE SERVICE AND USE EXISTING PIV AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4.
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5B	RECONNECT 1 1/2" FIRE SERVICE
6A	RECONNECT 3" DOMESTIC SERVICE
6B	RECONNECT 6" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
7A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
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8A	RECONNECT 2 1/2" DOMESTIC SERVICE
8B	RECONNECT 4" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
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13A	RECONNECT 1 1/2" DOMESTIC SERVICE
14	INSTALLATION OF ALL SPRINKLER SYSTEM PIPING FROM THE POINT OF SERVICE MUST BE PERFORMED BY A TENNESSEE REGISTER SPRINKLER CONTRACTOR.

LEGEND	
	EXISTING WATER LINE (TO BE ABANDONED)
	EXISTING PUBLIC WATER SERVICE
	PROPOSED 8" WATER MAIN
	EXISTING WATER LINE TO BE REUTILIZED
	PROPOSED WATER SERVICE
	PROPOSED FIRE HYDRANT
	EXISTING FIRE HYDRANT
	PROPOSED BACKFLOW ASSEMBLY
	APPROXIMATE LIMITS OF CONCRETE SIDEWALK REMOVAL AND REPLACEMENT
	LIMITS OF ASPHALT PAVEMENT REMOVAL AND REPLACEMENT AND RESTRIPIING
	LIMITS OF BRICK PAVERS REMOVAL AND REPLACEMENT



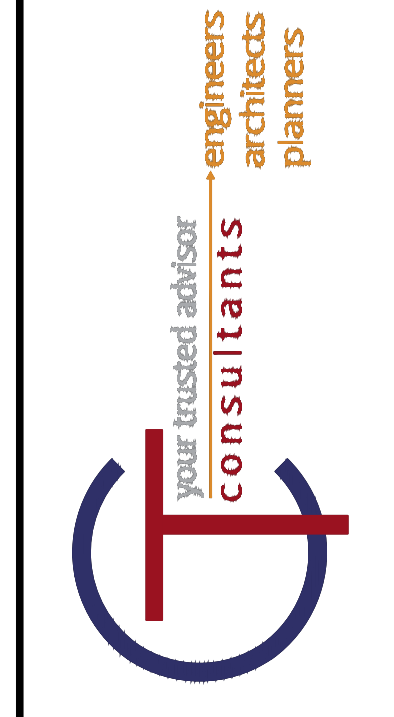
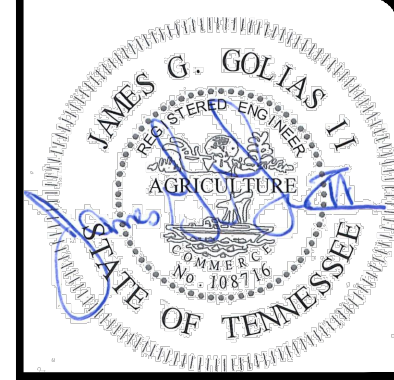
NO	REVISION	DATE
1	30% SUBMITTAL	05/02/2024
2	DESIGN DEVELOPMENT DRAWINGS	05/24/2024
3	CONSTRUCTION DRAWINGS	08/08/2024
4	TACI PLAN CHANGES	10/17/2024
5	CONSTRUCTION DRAWINGS	12/16/2024

SCALE:	AS SHOWN	DATE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
1	12/16/2024	MAH	MAH	BM	

<b>VOLUNTEER STATE COMMUNITY COLLEGE</b>	
<b>DOMESTIC WATER IMPROVEMENTS</b>	
SBC NO. 166/025-01-2023	
SUMNER COUNTY, GALLATIN, TN	
<b>OVERALL LAYOUT PLAN</b>	
PROJECT NO: <b>231755</b>	
DRAWING NAME: <b>C1.01</b>	
SHEET: <b>5</b>	OF: <b>16</b>





NO	REVISION	DATE
1	30% SUBMITTAL	05/02/2024
2	DESIGN DEVELOPMENT DRAWINGS	05/24/2024
3	CONSTRUCTION DRAWINGS	08/08/2024
4	FINAL PLAN CHANGES	10/17/2024
5	CONSTRUCTION DRAWINGS	12/16/2024

SCALE	AS SHOWN
DATE:	12/16/2024
DESIGNED BY:	MAH
DRAWN BY:	MAH
CHECKED BY:	BM

**VOLUNTEER STATE COMMUNITY COLLEGE  
DOMESTIC WATER IMPROVEMENTS**  
SBC NO. 166/025-01-2023  
SUMNER COUNTY, GALLATIN, TN

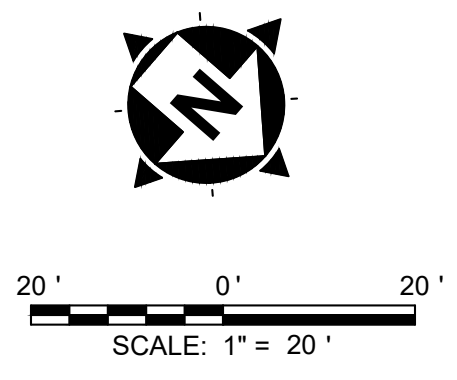
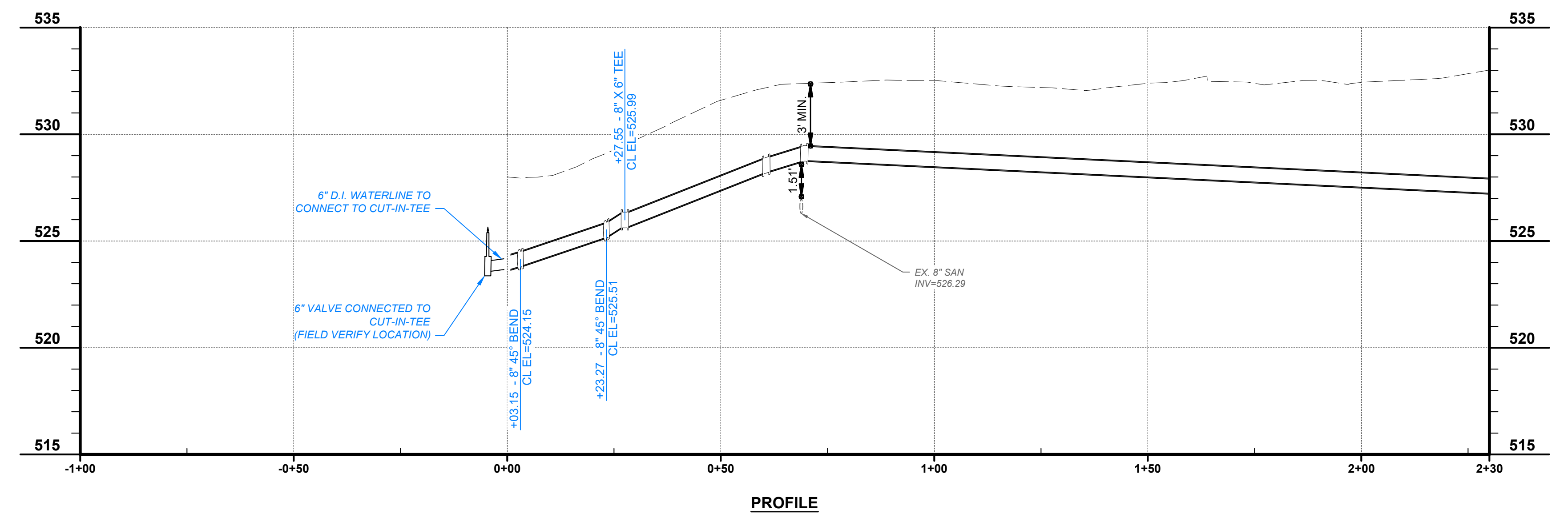
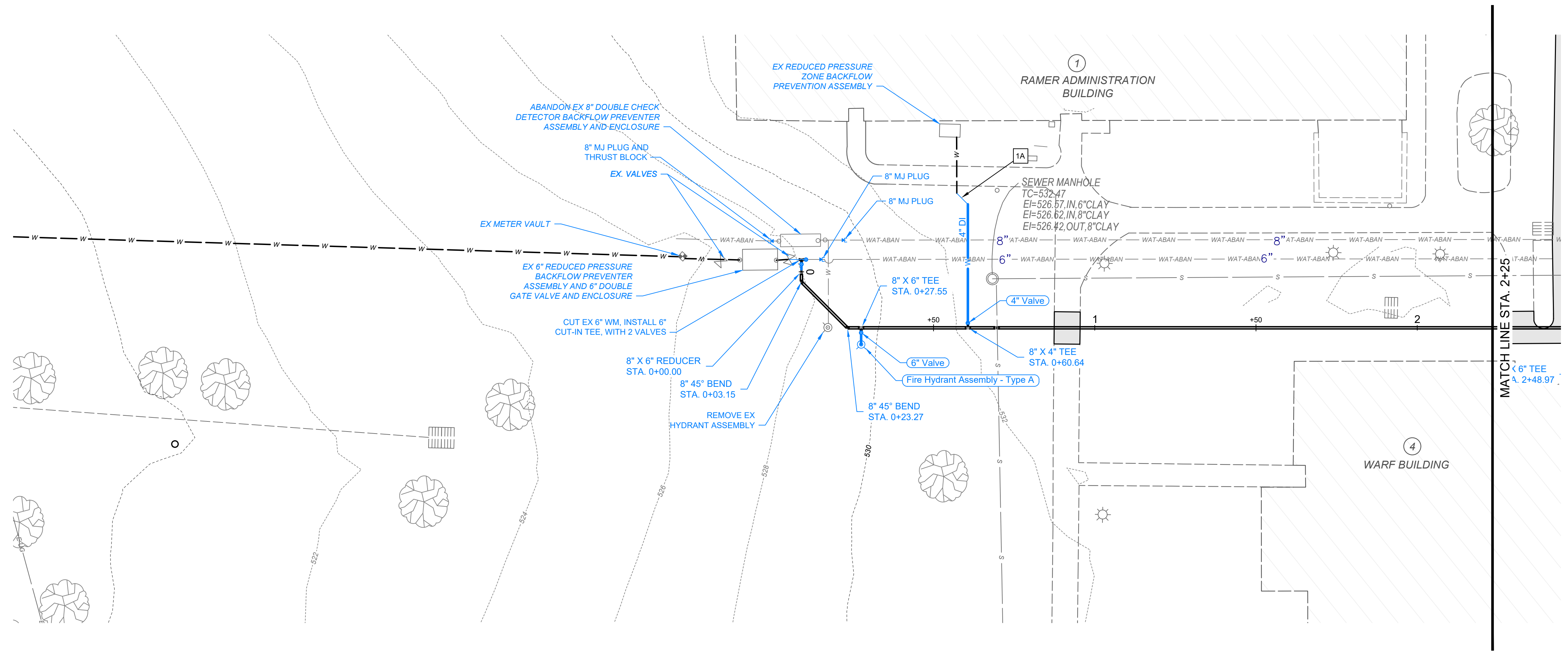
**PLAN AND PROFILE STA. 0+00 TO 2+25**

PROJECT NO: <b>231755</b>	
DRAWING NAME: <b>C1.02</b>	
SHEET <b>6</b>	OF <b>16</b>

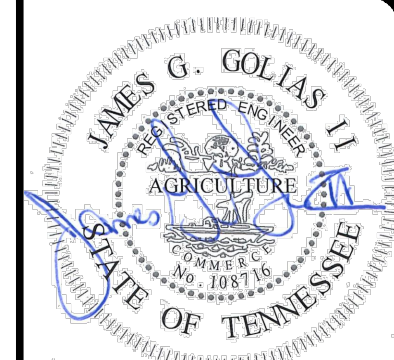
- NOTES**
- 1A RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
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**LEGEND**

- WAT-ABAN --- EXISTING WATER LINE (TO BE ABANDONED)
- WS --- WS --- EXISTING PUBLIC WATER SERVICE
- ==== PROPOSED 8" WATER MAIN
- W --- EXISTING WATER LINE TO BE REUTILIZED
- W --- PROPOSED WATER SERVICE
- W --- PROPOSED FIRE HYDRANT
- W --- EXISTING FIRE HYDRANT
- PROPOSED BACKFLOW ASSEMBLY
- APPROXIMATE LIMITS OF CONCRETE SIDEWALK REMOVAL AND REPLACEMENT
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NO	REVISION	DATE
1	30% SUBMITTAL	05/02/2024
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5	CONSTRUCTION DRAWINGS	12/16/2024

SCALE:	AS SHOWN
DATE:	12/16/2024
DESIGNED BY:	MAH
DRAWN BY:	MAH
CHECKED BY:	BM

**VOLUNTEER STATE COMMUNITY COLLEGE  
DOMESTIC WATER IMPROVEMENTS**  
SBC NO. 166/025-01-2023  
SUMNER COUNTY, GALLATIN, TN

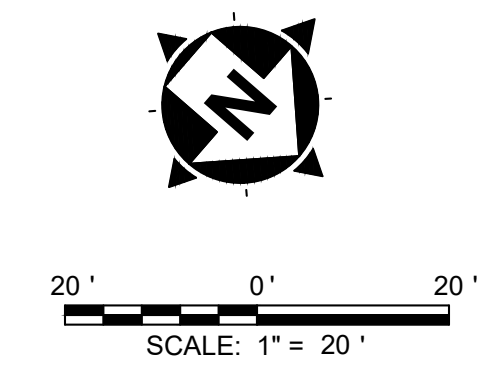
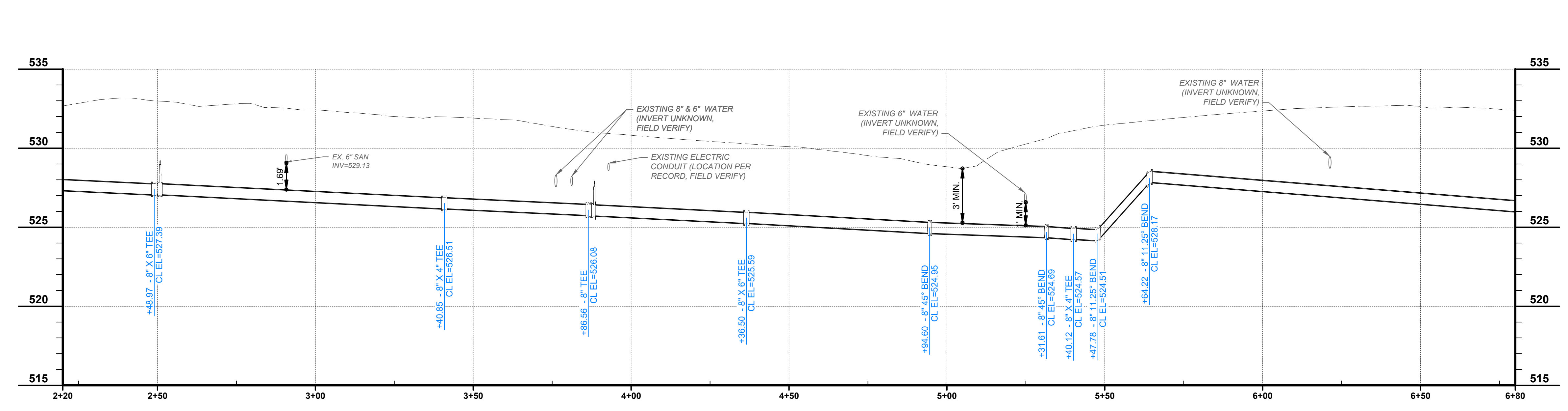
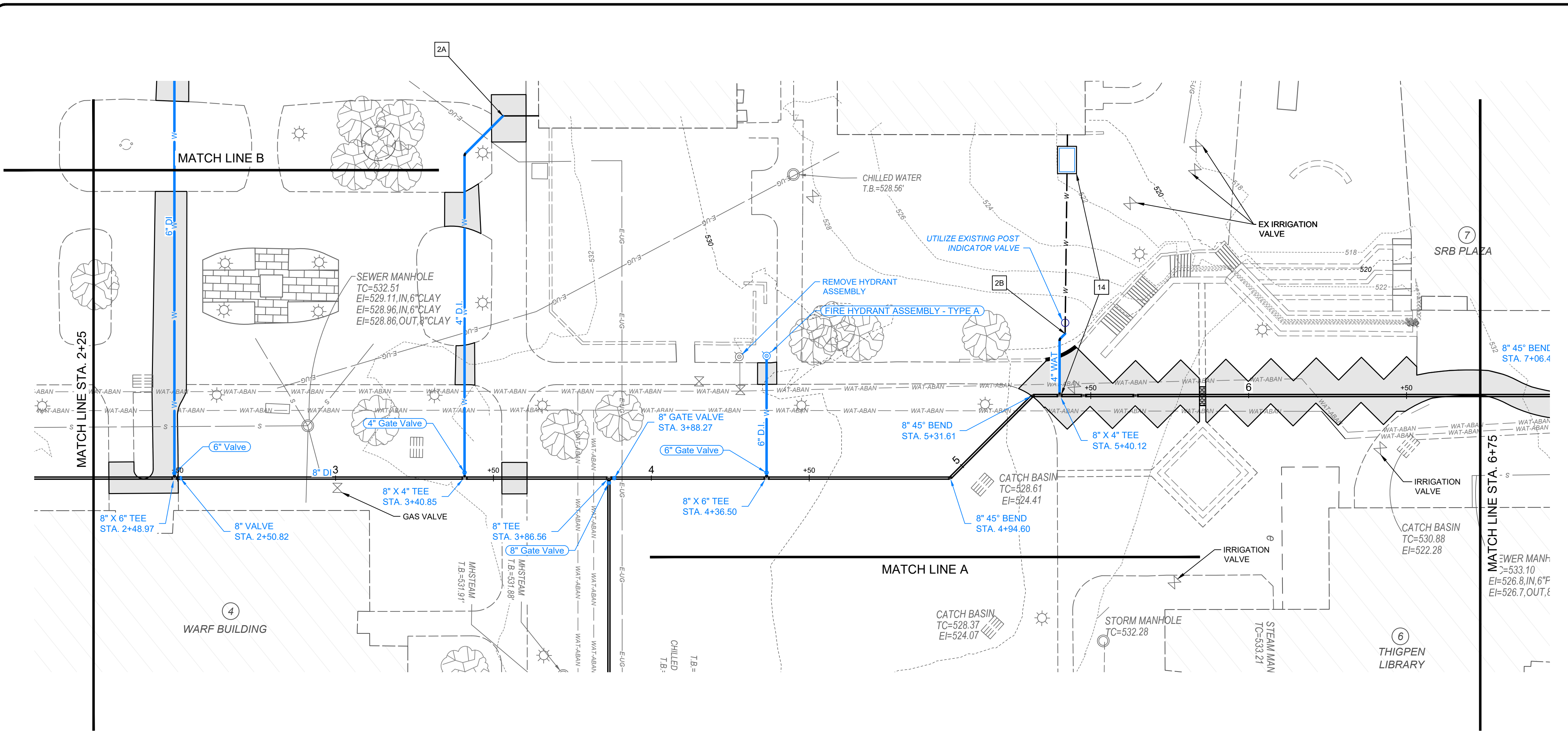
**PLAN AND PROFILE STA. 2+25 TO 6+75**

PROJECT NO: <b>231755</b>	
DRAWING NAME: <b>C1.03</b>	
SHEET <b>7</b>	OF <b>16</b>

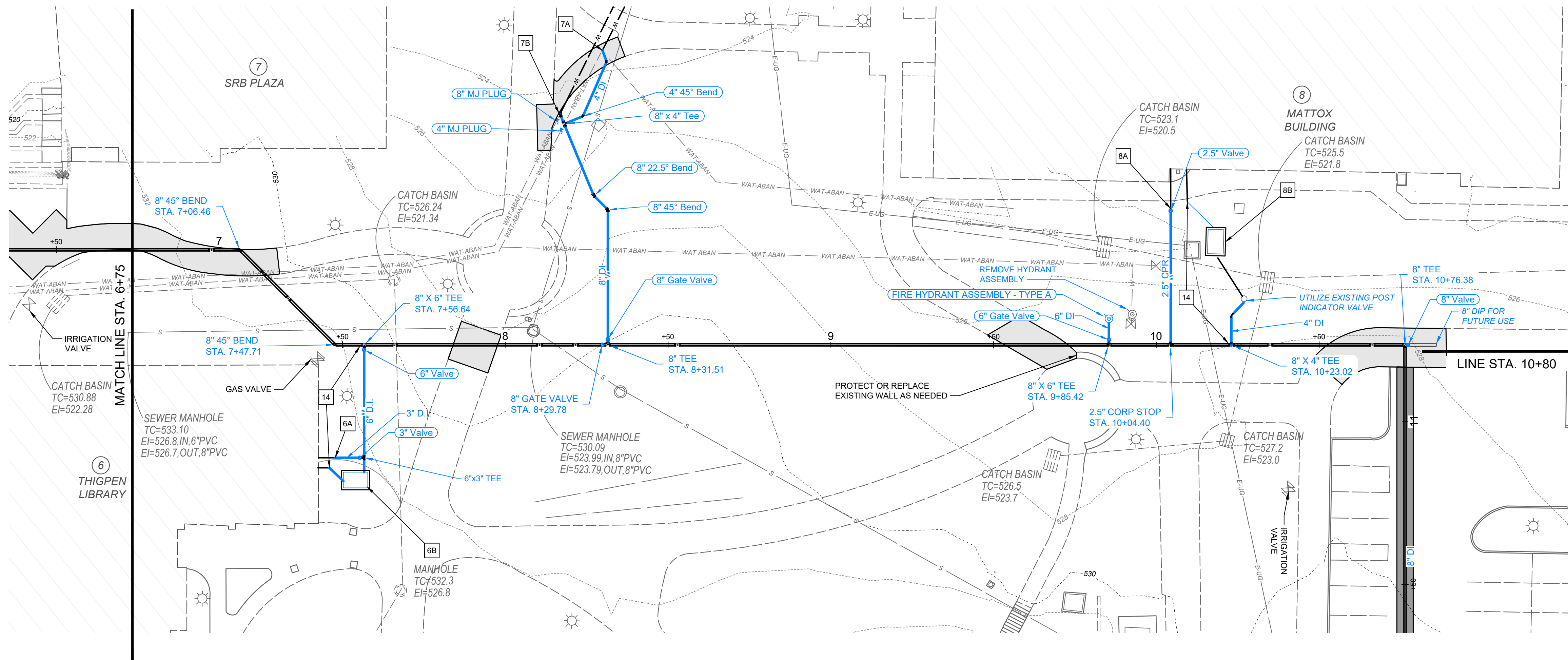
- NOTES**
- 1A RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
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  - 5B RECONNECT 1 1/2" FIRE SERVICE
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  - 6B RECONNECT 6" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 7A RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 7B RECONNECT 8" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 8A RECONNECT 2 1/2" DOMESTIC SERVICE
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**LEGEND**

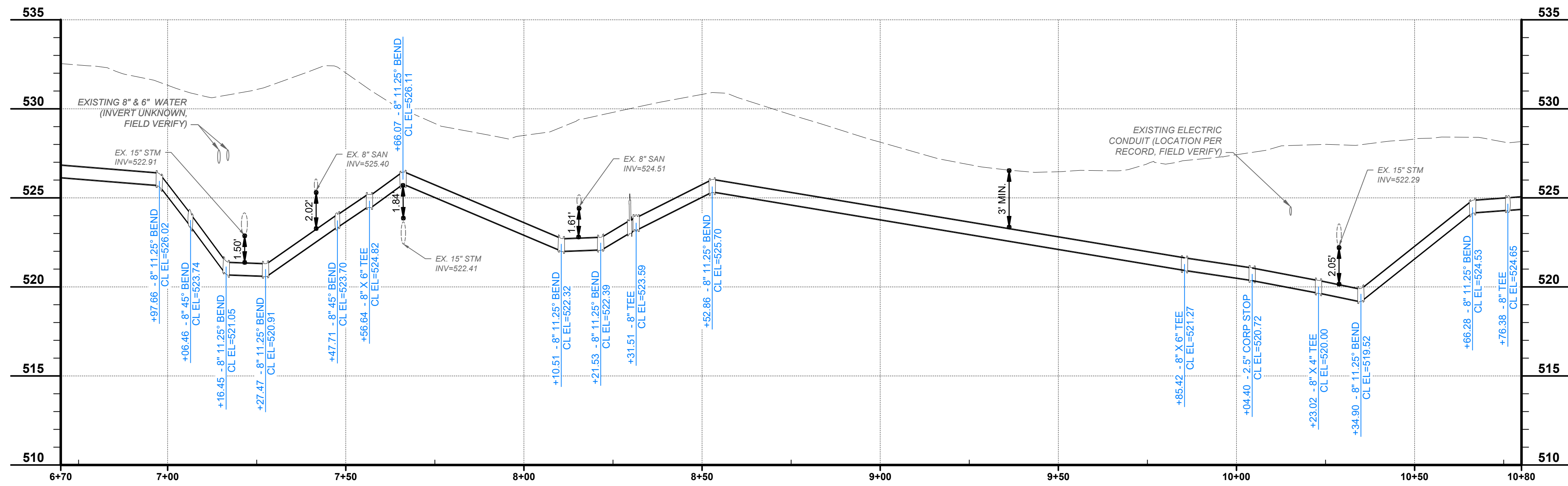
- WAT-ABAN --- EXISTING WATER LINE (TO BE ABANDONED)
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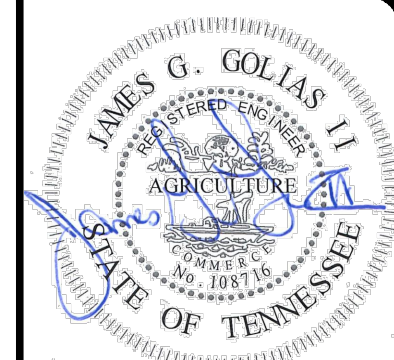




NOTES	
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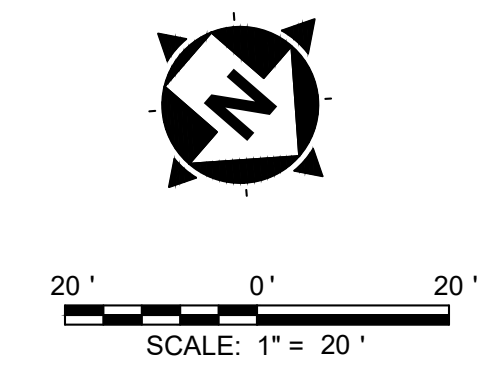
LEGEND	
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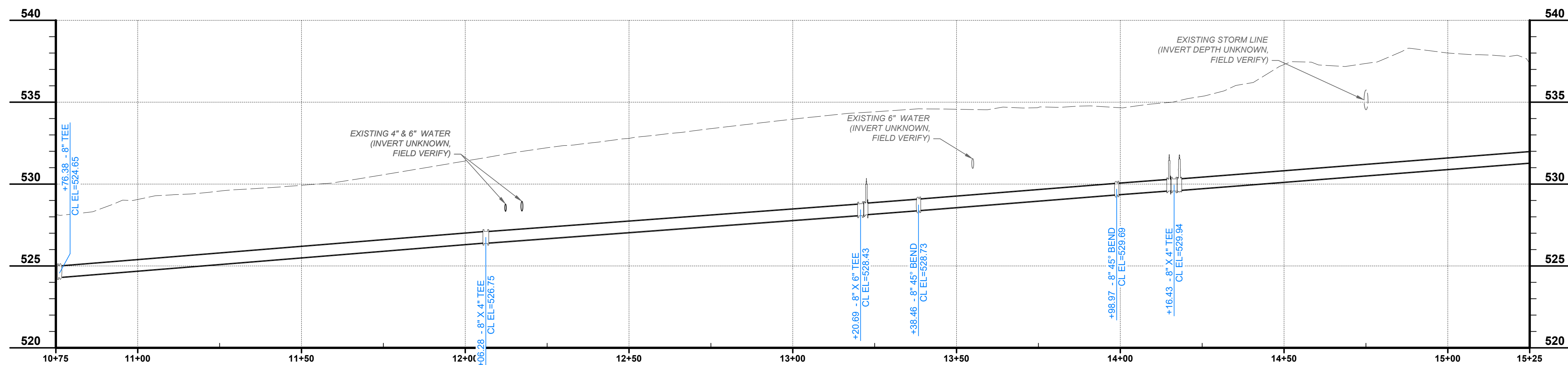
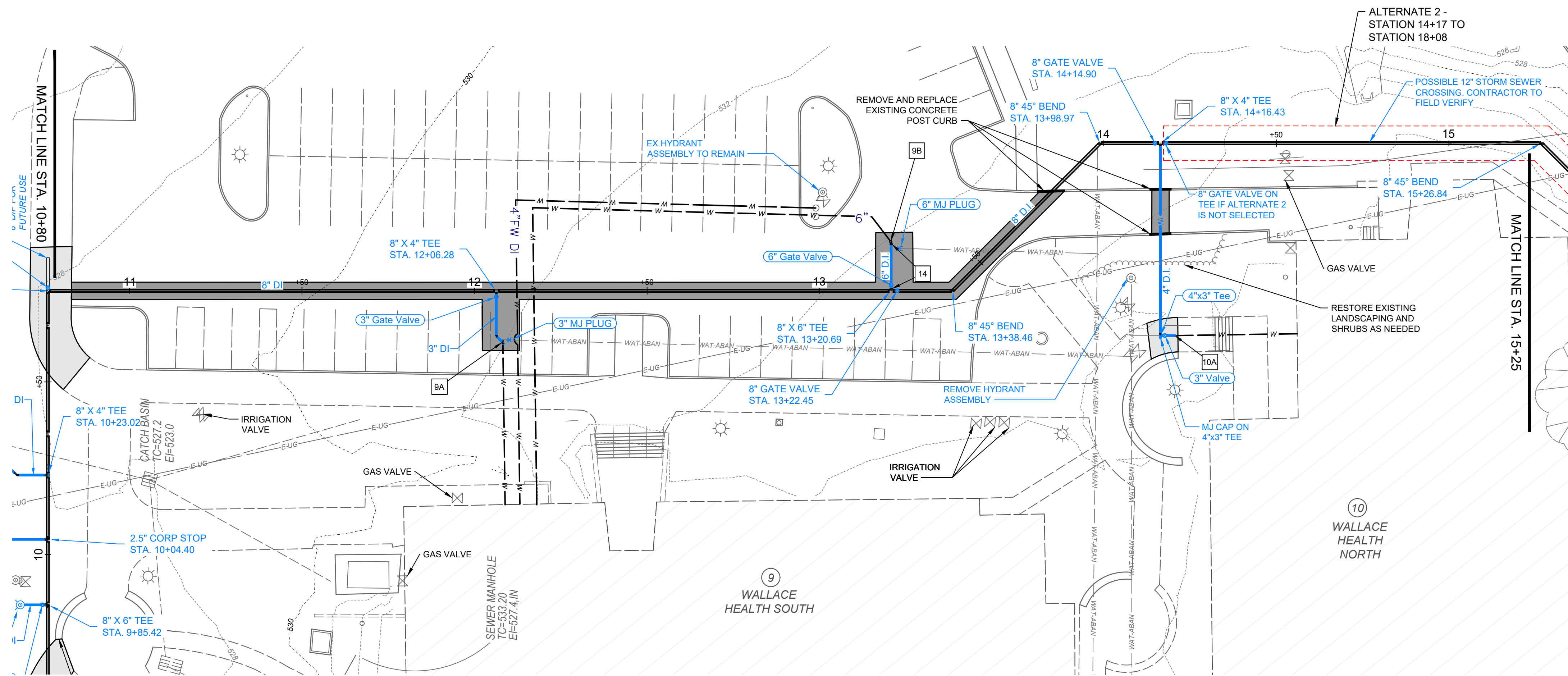
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DATE:	12/16/2024
DESIGNED BY:	MAH
DRAWN BY:	MAH
CHECKED BY:	BM

**VOLUNTEER STATE COMMUNITY COLLEGE**  
**DOMESTIC WATER IMPROVEMENTS**  
 SBC NO. 166/025-01-2023  
 SUMNER COUNTY, GALLATIN, TN  
**PLAN AND PROFILE STA. 6+25 TO 10+80**



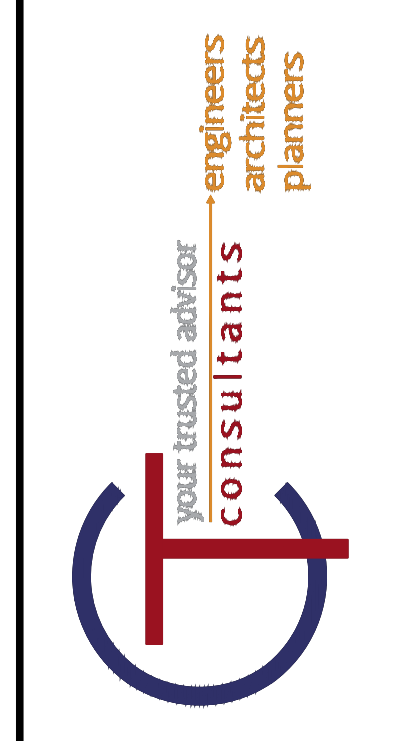
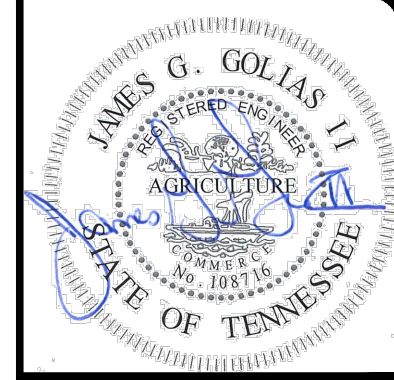
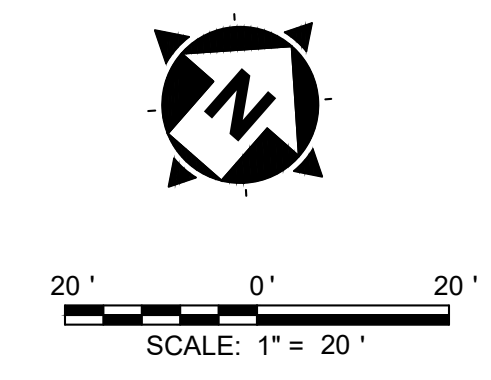
PROJECT NO:	
231755	
DRAWING NAME	
C1.04	
SHEET	OF
8	16





NOTES	
1A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
2A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
2B	RECONNECT 4" FIRE SERVICE AND USE EXISTING PIV AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4.
3A	RECONNECT 3" DOMESTIC SERVICE
3B	RECONNECT 4" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
4A	RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
5A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
5B	RECONNECT 1 1/2" FIRE SERVICE
6A	RECONNECT 3" DOMESTIC SERVICE
6B	RECONNECT 6" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
7A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
7B	RECONNECT 8" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
8A	RECONNECT 2 1/2" DOMESTIC SERVICE
8B	RECONNECT 4" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
9A	RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
9B	RECONNECT 6" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
10A	RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
11A	RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
12A	RECONNECT 1" DOMESTIC SERVICE
13A	RECONNECT 1 1/2" DOMESTIC SERVICE
14	INSTALLATION OF ALL SPRINKLER SYSTEM PIPING FROM THE POINT OF SERVICE MUST BE PERFORMED BY A TENNESSEE REGISTER SPRINKLER CONTRACTOR.

LEGEND	
	EXISTING WATER LINE (TO BE ABANDONED)
	EXISTING PUBLIC WATER SERVICE
	PROPOSED 8" WATER MAIN
	EXISTING WATER LINE TO BE REUTILIZED
	PROPOSED WATER SERVICE
	PROPOSED FIRE HYDRANT
	EXISTING FIRE HYDRANT
	PROPOSED BACKFLOW ASSEMBLY
	APPROXIMATE LIMITS OF CONCRETE SIDEWALK REMOVAL AND REPLACEMENT
	LIMITS OF ASPHALT PAVEMENT REMOVAL AND REPLACEMENT AND RESTRIPIING
	LIMITS OF BRICK PAVERS REMOVAL AND REPLACEMENT



NO	REVISION	DATE
1	30% SUBMITTAL	05/02/2024
2	DESIGN DEVELOPMENT DRAWINGS	05/24/2024
3	CONSTRUCTION DRAWINGS	08/08/2024
4	TACI PLAN CHANGES	10/17/2024
5	CONSTRUCTION DRAWINGS	12/16/2024

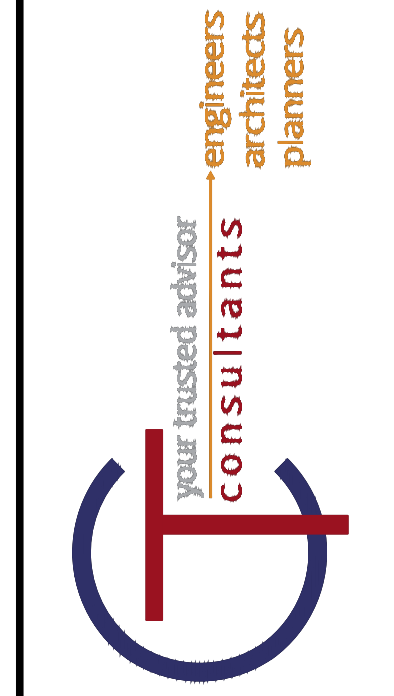
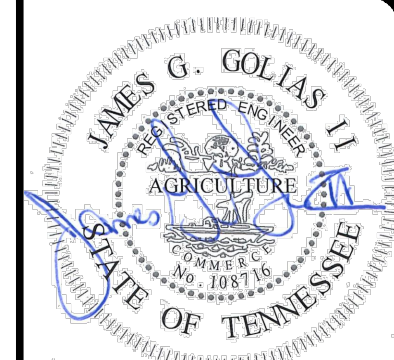
SCALE:	AS SHOWN
DATE:	12/16/2024
DESIGNED BY:	MAH
DRAWN BY:	MAH
CHECKED BY:	BM

**VOLUNTEER STATE COMMUNITY COLLEGE  
DOMESTIC WATER IMPROVEMENTS**  
SBC NO. 166/025-01-2023  
SUMNER COUNTY, GALLATIN, TN

**PLAN AND PROFILE STA. 10+80 - 15+25**

PROJECT NO:	
231755	
DRAWING NAME	
C1.05	
SHEET	OF
9	16





NO	REVISION	DATE
1	30% SUBMITTAL	05/02/2024
2	DESIGN DEVELOPMENT DRAWINGS	05/24/2024
3	CONSTRUCTION DRAWINGS	08/08/2024
4	TACI PLAN CHANGES	10/17/2024
5	CONSTRUCTION DRAWINGS	12/16/2024

SCALE:	AS SHOWN
DATE:	12/16/2024
DESIGNED BY:	MAH
DRAWN BY:	MAH
CHECKED BY:	BM

**VOLUNTEER STATE COMMUNITY COLLEGE  
DOMESTIC WATER IMPROVEMENTS**  
SBC NO. 186025-01-2023  
SUMNER COUNTY, GALLATIN, TN

**PLAN AND PROFILE STA. 15+25 TO 18+25**

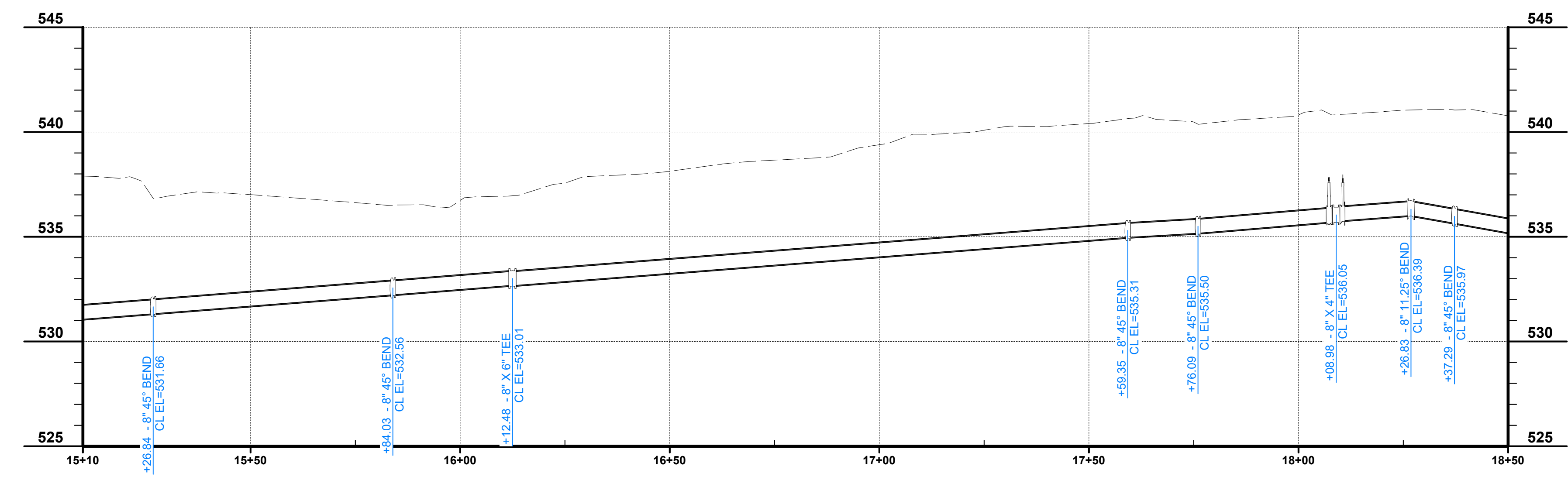
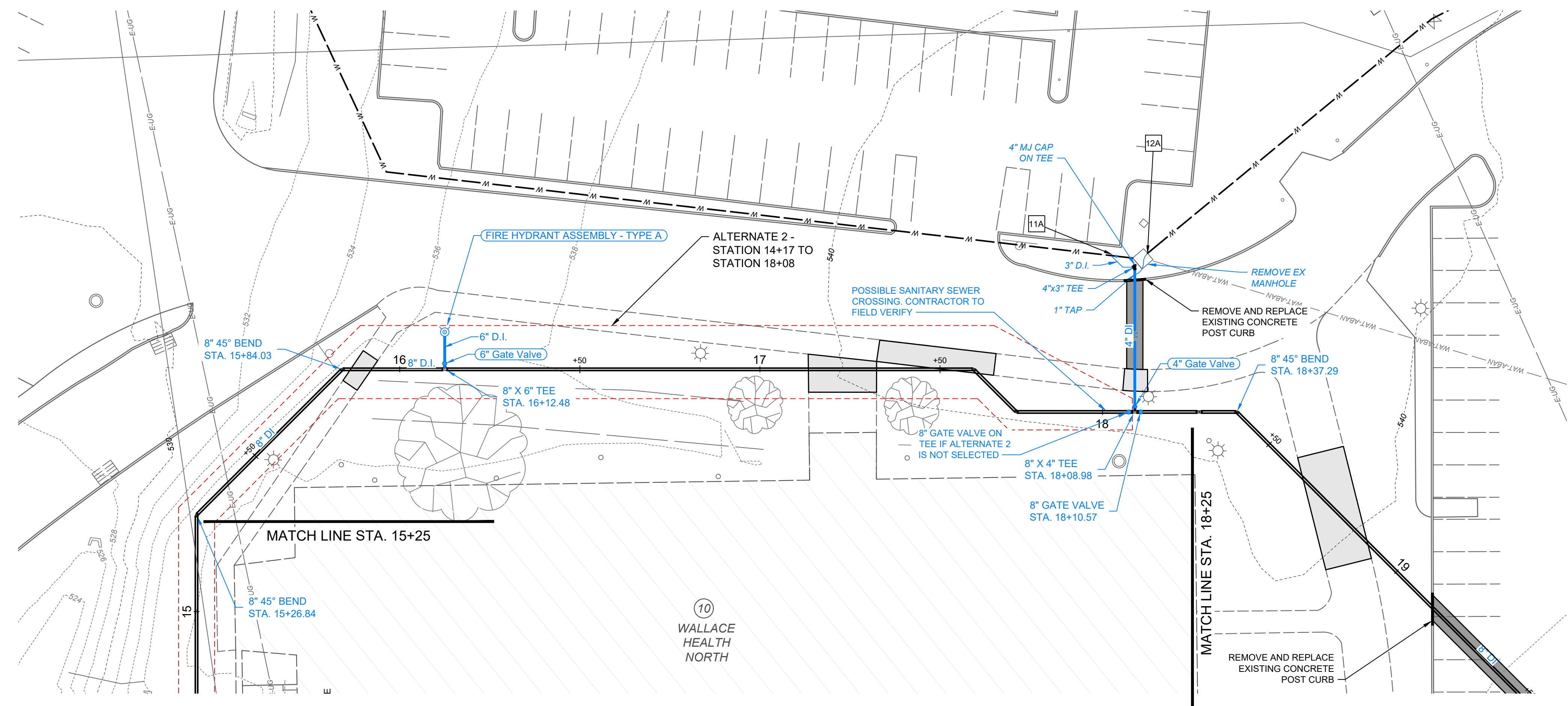
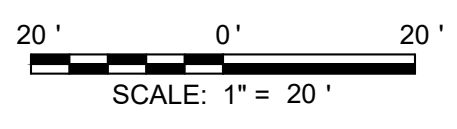
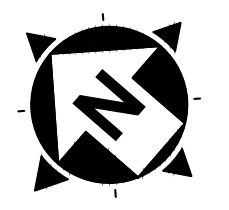
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DRAWING NAME: <b>C1.06</b>	
SHEET <b>10</b>	OF <b>16</b>

**NOTES**

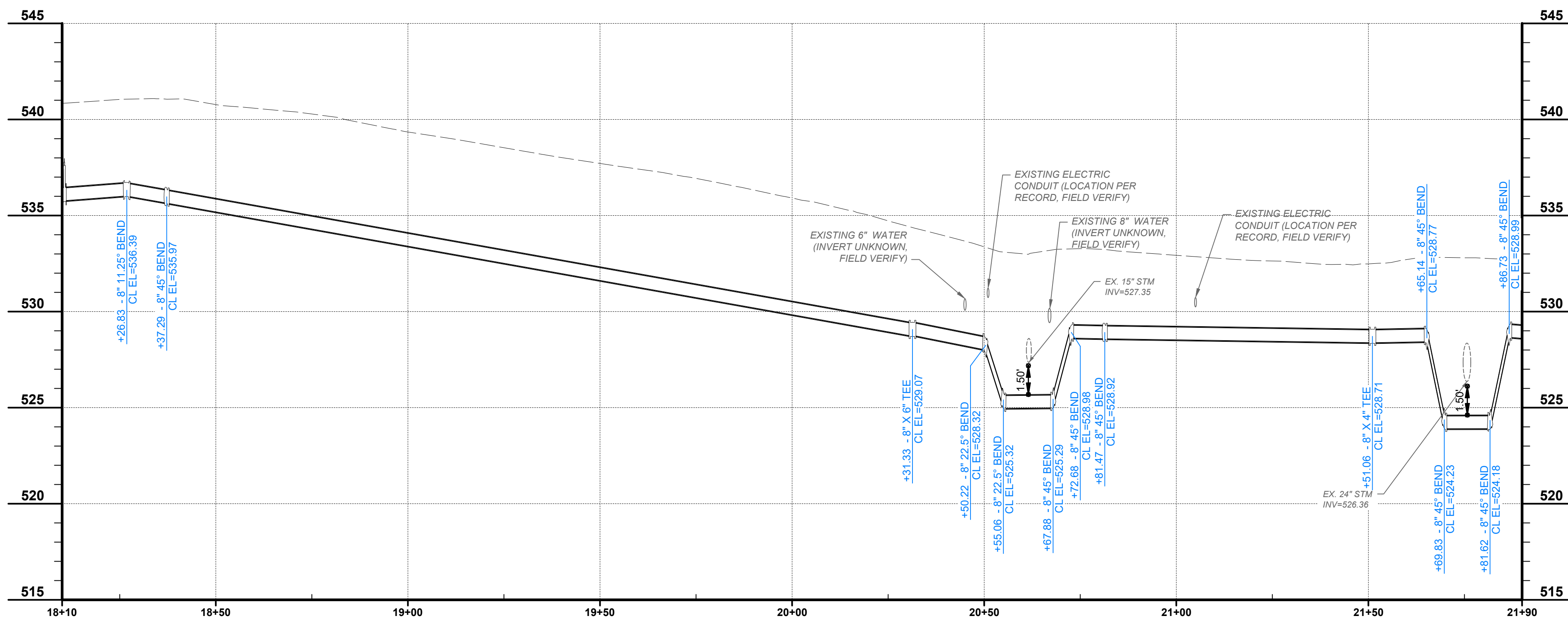
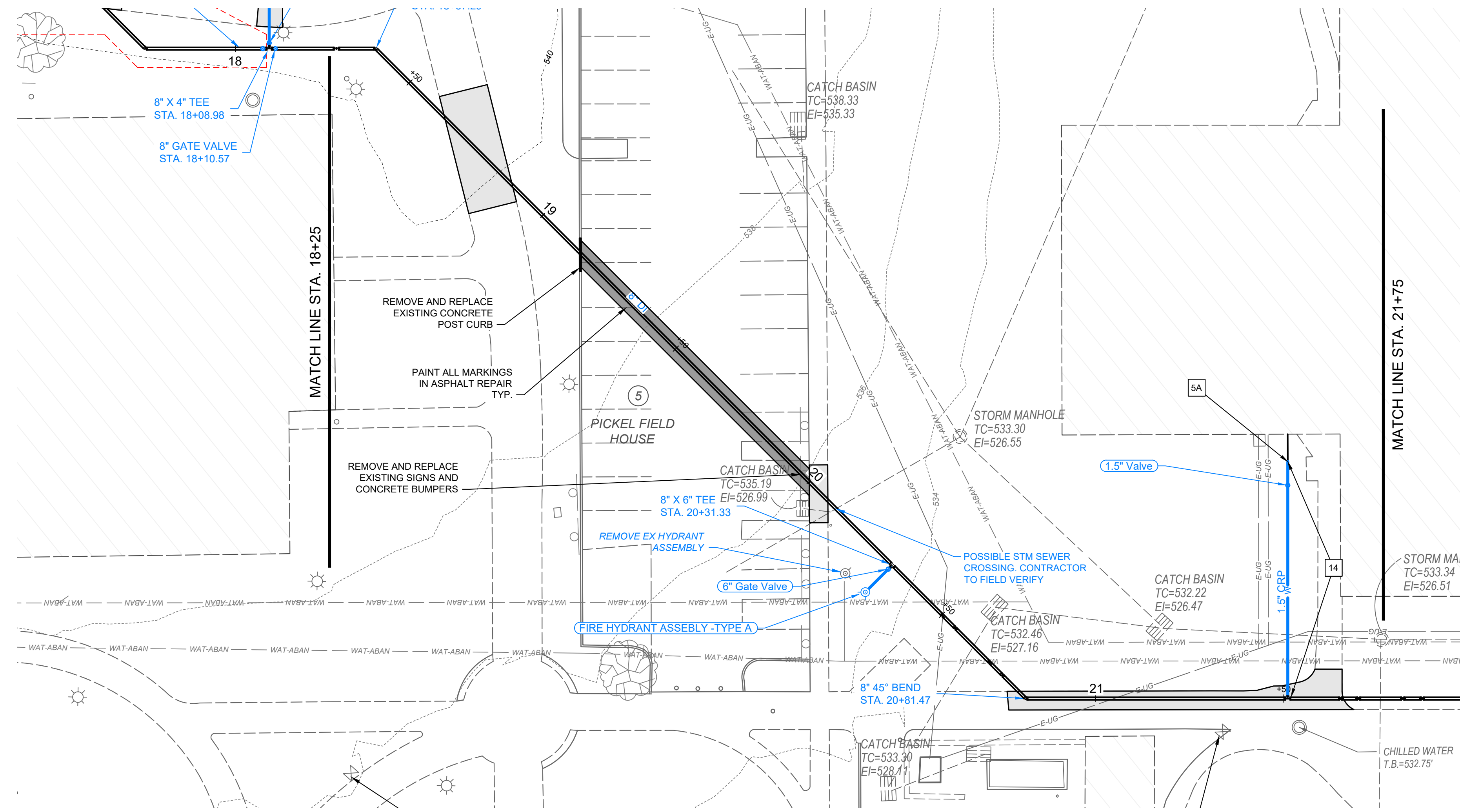
- 1A RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
- 2A RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
- 2B RECONNECT 4" FIRE SERVICE AND USE EXISTING PIV AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4.
- 3A RECONNECT 3" DOMESTIC SERVICE
- 3B RECONNECT 4" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
- 4A RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
- 5A RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
- 5B RECONNECT 1 1/2" FIRE SERVICE
- 6A RECONNECT 3" DOMESTIC SERVICE
- 6B RECONNECT 6" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
- 7A RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
- 7B RECONNECT 8" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
- 8A RECONNECT 2 1/2" DOMESTIC SERVICE
- 8B RECONNECT 4" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
- 9A RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
- 9B RECONNECT 6" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
- 10A RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
- 11A RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
- 12A RECONNECT 1" DOMESTIC SERVICE
- 13A RECONNECT 1 1/2" DOMESTIC SERVICE
- 14 INSTALLATION OF ALL SPRINKLER SYSTEM PIPING FROM THE POINT OF SERVICE MUST BE PERFORMED BY A TENNESSEE REGISTER SPRINKLER CONTRACTOR.

**LEGEND**

- WAT-ABAN --- EXISTING WATER LINE (TO BE ABANDONED)
- WS --- WS --- EXISTING PUBLIC WATER SERVICE
- W --- W --- EXISTING WATER LINE TO BE REUTILIZED
- W --- PROPOSED WATER SERVICE
- W --- PROPOSED FIRE HYDRANT
- W --- EXISTING FIRE HYDRANT
- W --- PROPOSED BACKFLOW ASSEMBLY
- W --- APPROXIMATE LIMITS OF CONCRETE SIDEWALK REMOVAL AND REPLACEMENT
- W --- LIMITS OF ASPHALT PAVEMENT REMOVAL AND REPLACEMENT AND RESTRIPING
- W --- LIMITS OF BRICK PAVERS REMOVAL AND REPLACEMENT

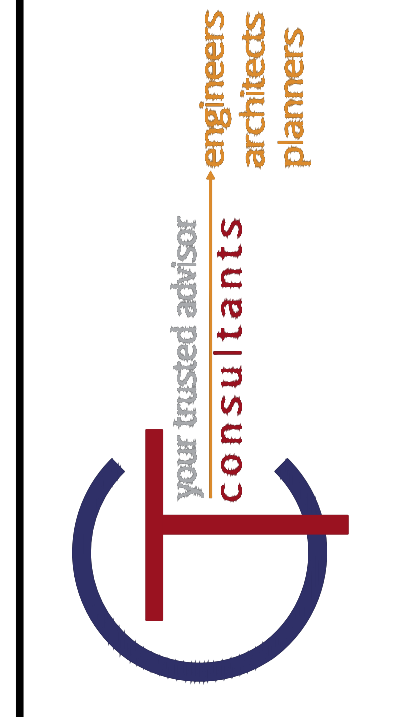
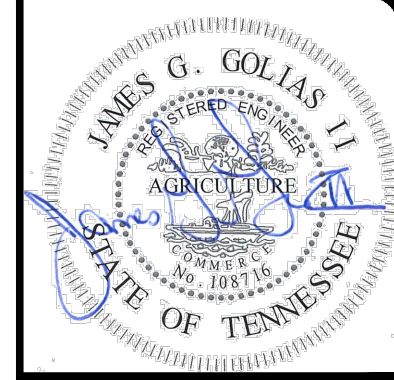
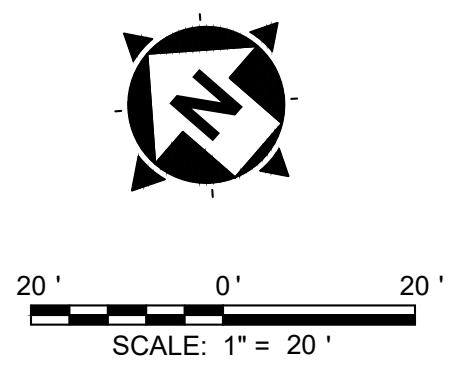






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1A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
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14	INSTALLATION OF ALL SPRINKLER SYSTEM PIPING FROM THE POINT OF SERVICE MUST BE PERFORMED BY A TENNESSEE REGISTER SPRINKLER CONTRACTOR.

LEGEND	
	EXISTING WATER LINE (TO BE ABANDONED)
	EXISTING PUBLIC WATER SERVICE
	PROPOSED 8" WATER MAIN
	EXISTING WATER LINE TO BE REUTILIZED
	PROPOSED WATER SERVICE
	PROPOSED FIRE HYDRANT
	EXISTING FIRE HYDRANT
	PROPOSED BACKFLOW ASSEMBLY
	APPROXIMATE LIMITS OF CONCRETE SIDEWALK REMOVAL AND REPLACEMENT
	LIMITS OF ASPHALT PAVEMENT REMOVAL AND REPLACEMENT AND RESTRIPIING
	LIMITS OF BRICK PAVERS REMOVAL AND REPLACEMENT



NO	REVISION	DATE
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5	CONSTRUCTION DRAWINGS	12/16/2024

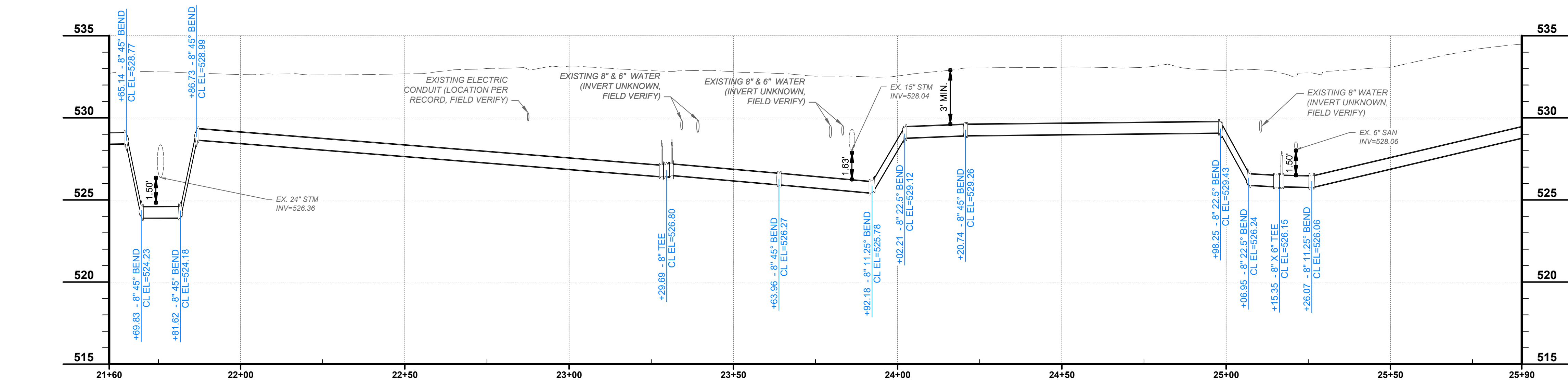
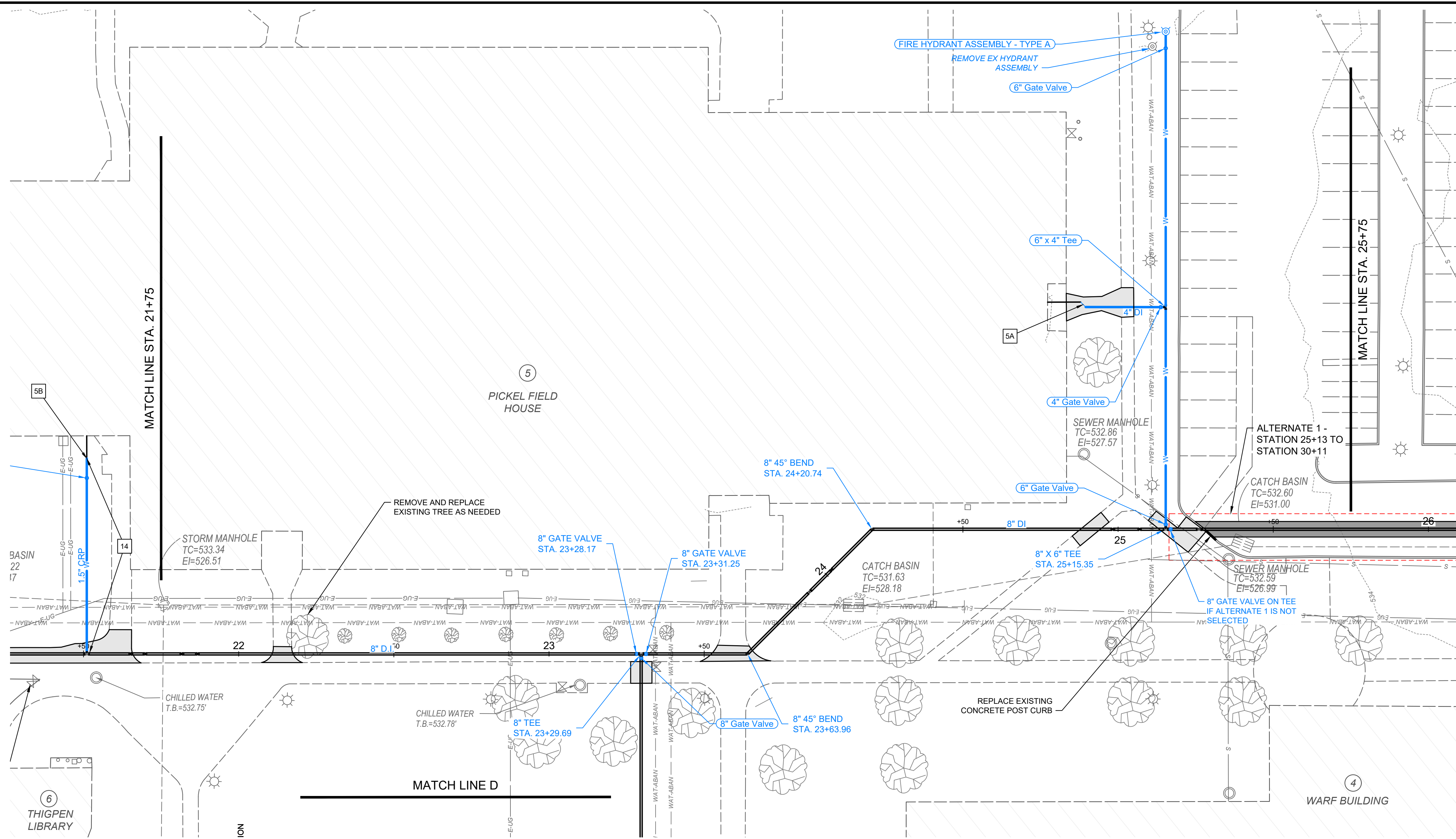
SCALE:	AS SHOWN
DATE:	12/16/2024
DESIGNED BY:	MAH
DRAWN BY:	MAH
CHECKED BY:	BM

**VOLUNTEER STATE COMMUNITY COLLEGE**  
**DOMESTIC WATER IMPROVEMENTS**  
 SBC NO. 166/025-01-2023  
 SUMNER COUNTY, GALLATIN, TN

**PLAN AND PROFILE STA. 18+25 TO 21+75**

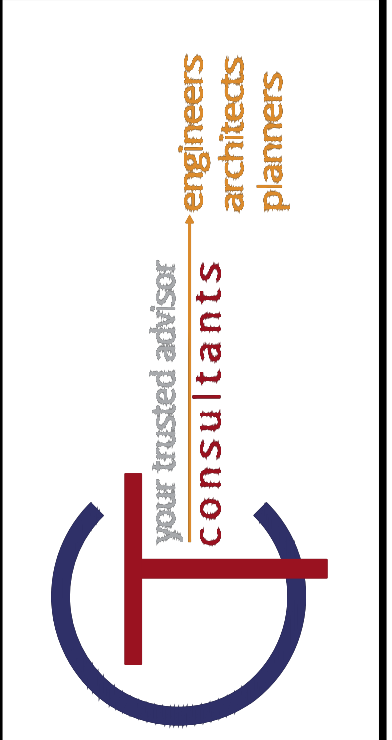
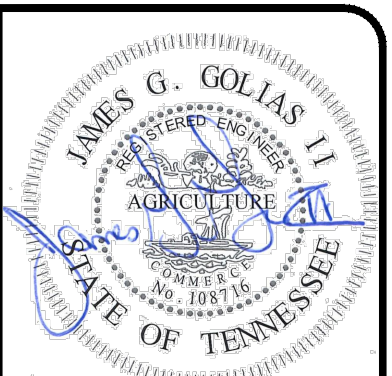
PROJECT NO:	
231755	
DRAWING NAME	
C1.07	
SHEET	OF
11	16





NOTES	
1A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
2A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
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LEGEND	
	EXISTING WATER LINE (TO BE ABANDONED)
	EXISTING PUBLIC WATER SERVICE
	PROPOSED 8" WATER MAIN
	EXISTING WATER LINE TO BE REUTILIZED
	PROPOSED WATER SERVICE
	PROPOSED FIRE HYDRANT
	EXISTING FIRE HYDRANT
	PROPOSED BACKFLOW ASSEMBLY
	APPROXIMATE LIMITS OF CONCRETE SIDEWALK REMOVAL AND REPLACEMENT
	LIMITS OF ASPHALT PAVEMENT REMOVAL AND REPLACEMENT AND RESTRIPIING
	LIMITS OF BRICK PAVERS REMOVAL AND REPLACEMENT

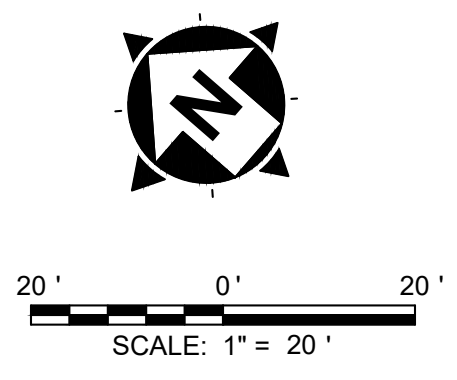


NO	REVISION	DATE
1	30% SUBMITTAL	05/02/2024
2	DESIGN DEVELOPMENT DRAWINGS	05/24/2024
3	CONSTRUCTION DRAWINGS	08/08/2024
4	TACI PLAN CHANGES	10/17/2024
5	CONSTRUCTION DRAWINGS	12/16/2024

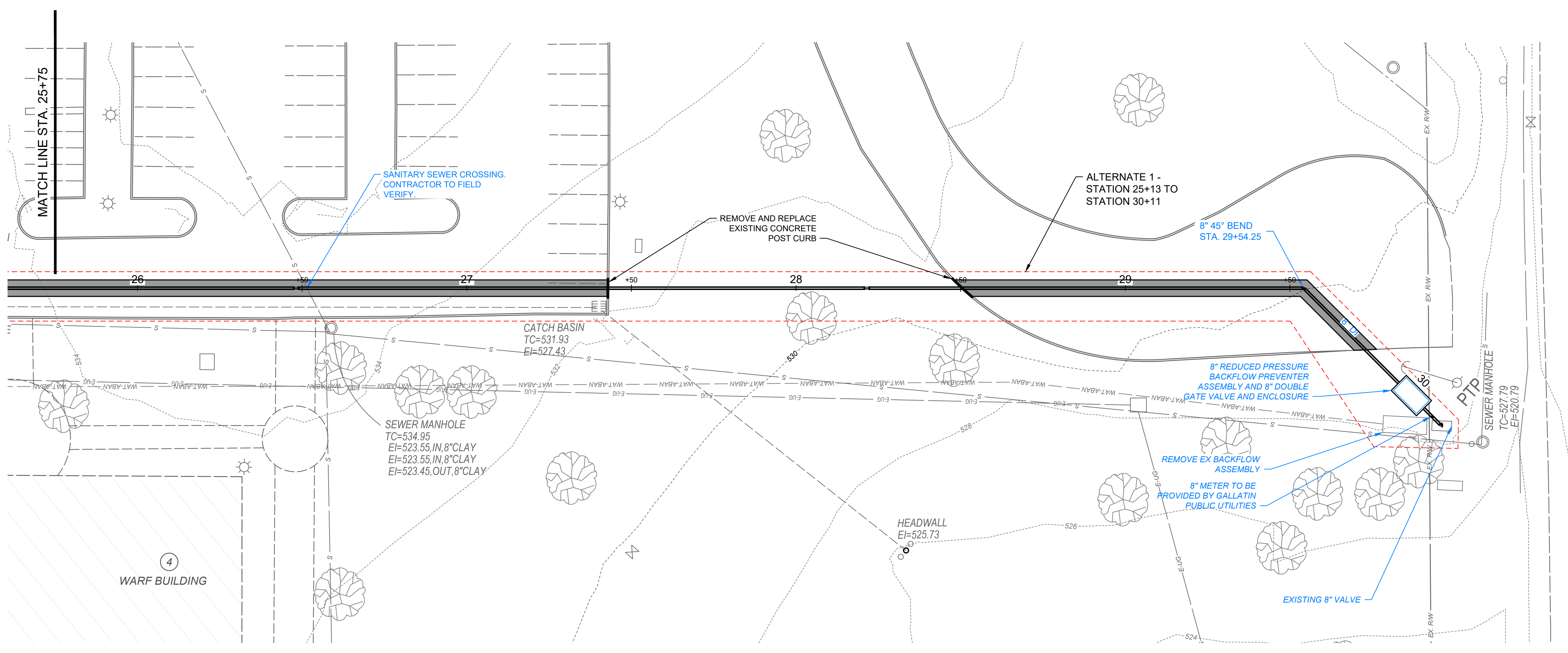
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DATE:	12/16/2024
DESIGNED BY:	MAH
DRAWN BY:	MAH
CHECKED BY:	BM

VOLUNTEER STATE COMMUNITY COLLEGE  
 DOMESTIC WATER IMPROVEMENTS  
 SBC NO. 166/025-01-2023  
 SUMNER COUNTY, GALLATIN, TN  
**PLAN AND PROFILE STA. 21+75 TO 25+75**

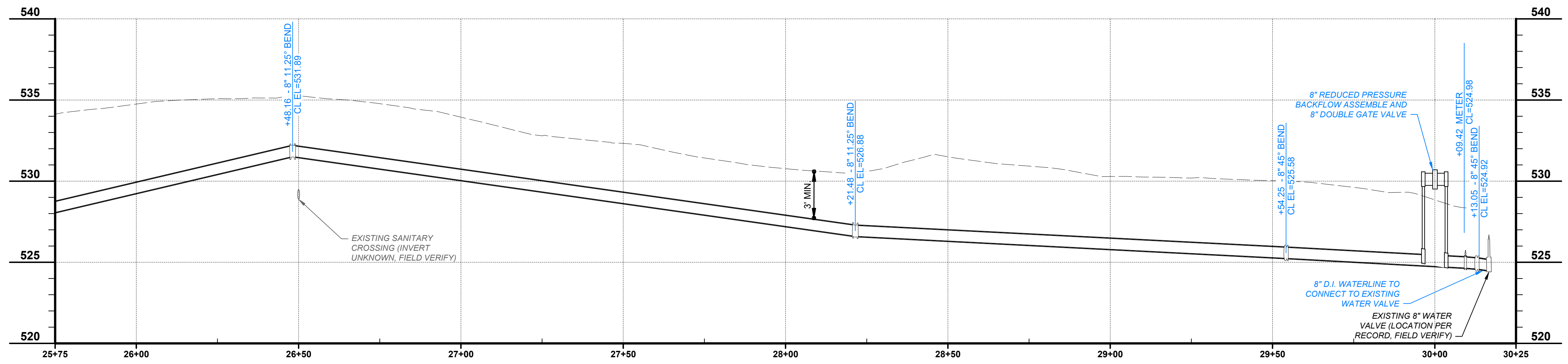
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DRAWING NAME:	C1.08
SHEET:	12
OF:	16



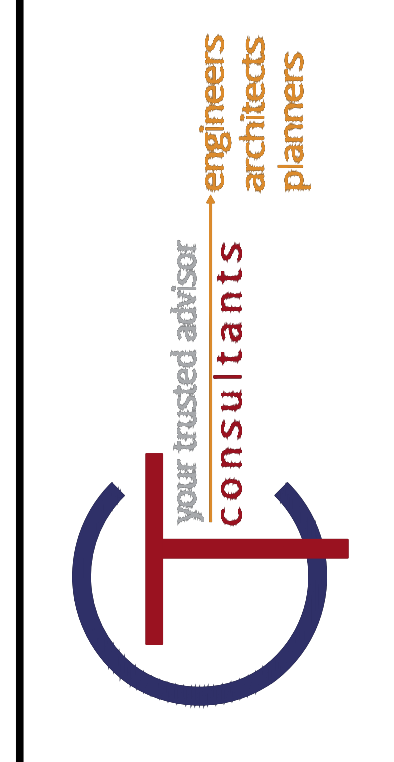
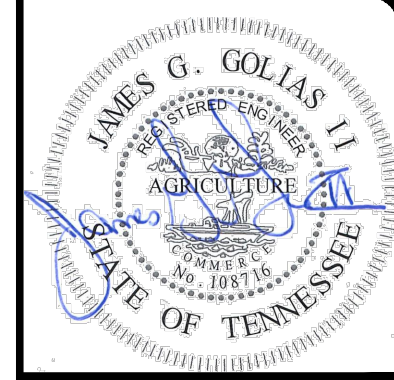




NOTES	
1A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
2A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
2B	RECONNECT 4" FIRE SERVICE AND USE EXISTING PIV AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4.
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14	INSTALLATION OF ALL SPRINKLER SYSTEM PIPING FROM THE POINT OF SERVICE MUST BE PERFORMED BY A TENNESSEE REGISTER SPRINKLER CONTRACTOR.



LEGEND	
	EXISTING WATER LINE (TO BE ABANDONED)
	EXISTING PUBLIC WATER SERVICE
	PROPOSED 8" WATER MAIN
	EXISTING WATER LINE TO BE REUTILIZED
	PROPOSED WATER SERVICE
	PROPOSED FIRE HYDRANT
	EXISTING FIRE HYDRANT
	PROPOSED BACKFLOW ASSEMBLY
	APPROXIMATE LIMITS OF CONCRETE SIDEWALK REMOVAL AND REPLACEMENT
	LIMITS OF ASPHALT PAVEMENT REMOVAL AND REPLACEMENT AND RESTRIPING
	LIMITS OF BRICK PAVERS REMOVAL AND REPLACEMENT



NO	REVISION	DATE
1	30% SUBMITTAL	05/02/2024
2	DESIGN DEVELOPMENT DRAWINGS	05/24/2024
3	CONSTRUCTION DRAWINGS	08/08/2024
4	TACI PLAN CHANGES	10/17/2024
5	CONSTRUCTION DRAWINGS	12/16/2024

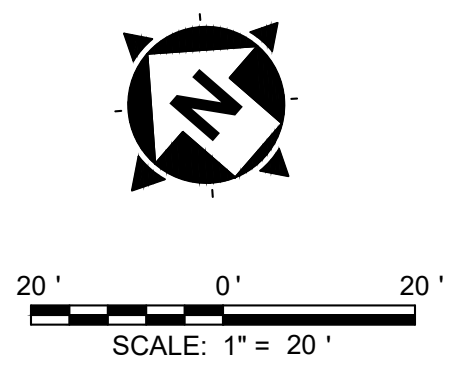
  

SCALE:	AS SHOWN
DATE:	12/16/2024
DESIGNED BY:	MAH
DRAWN BY:	MAH
CHECKED BY:	BM

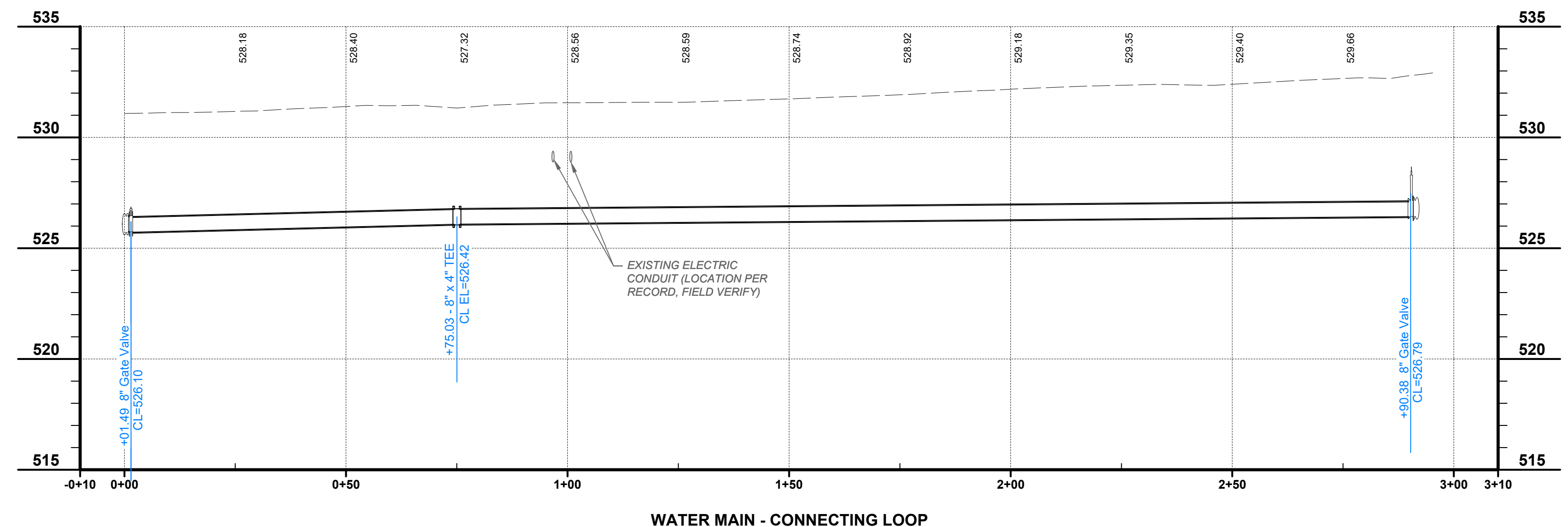
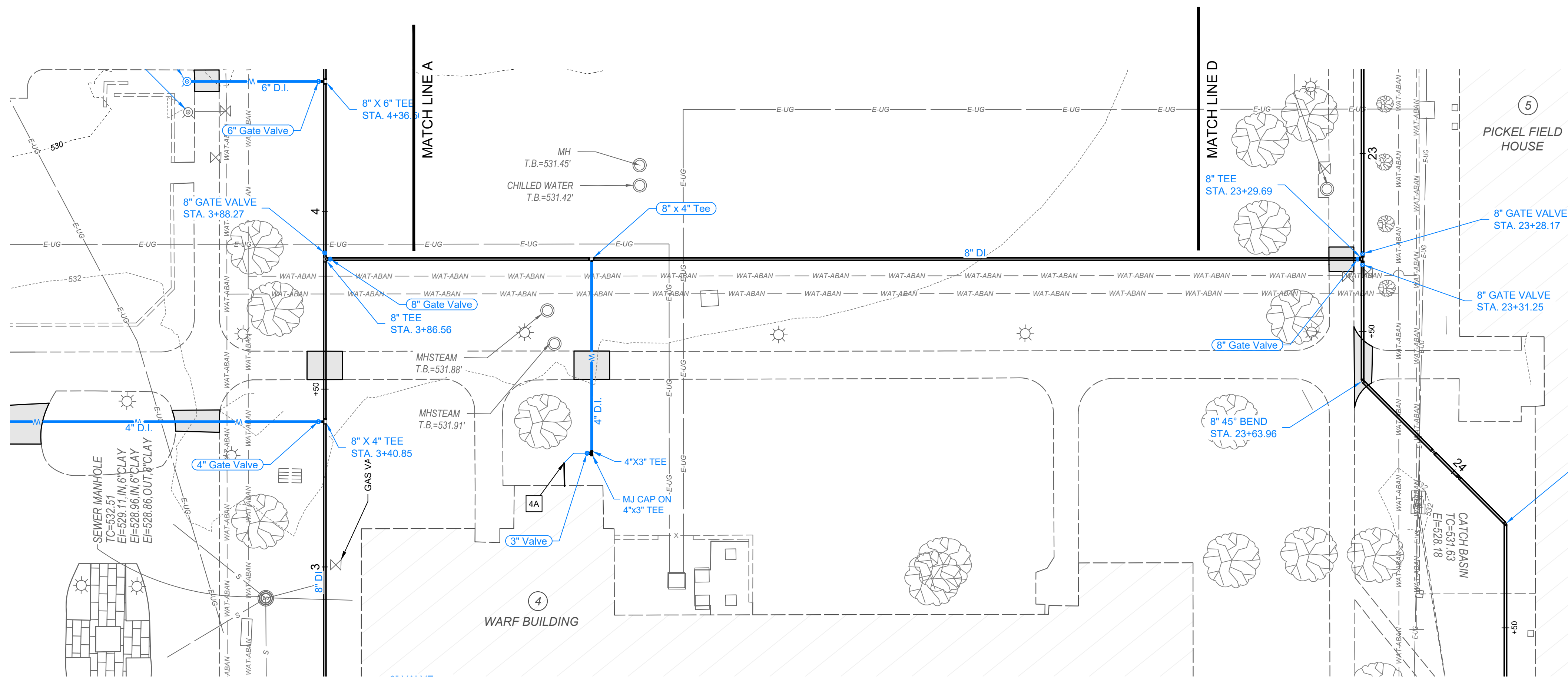
**VOLUNTEER STATE COMMUNITY COLLEGE  
DOMESTIC WATER IMPROVEMENTS**  
SBC NO. 166/025-01-2023  
SUMNER COUNTY, GALLATIN, TN

**PLAN AND PROFILE STA. 25+75 TO 30+15**

PROJECT NO: <b>231755</b>	
DRAWING NAME <b>C1.09</b>	
SHEET <b>13</b>	OF <b>16</b>



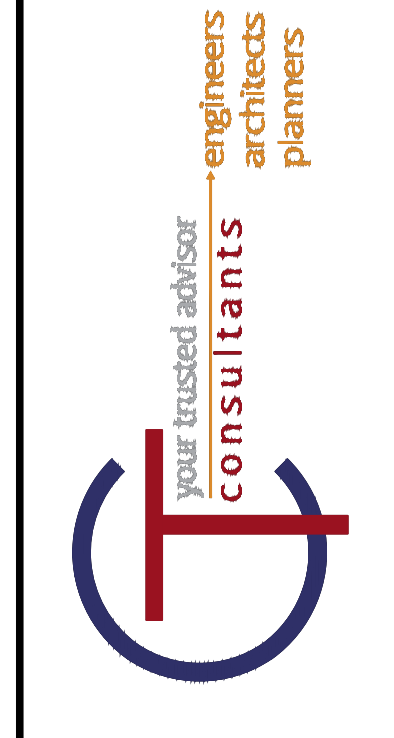
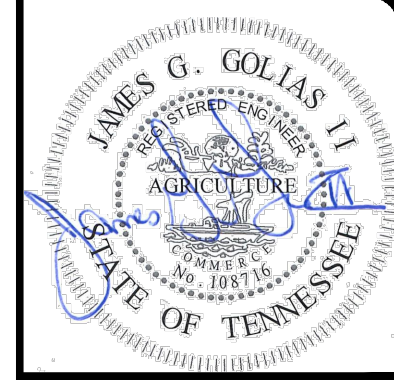
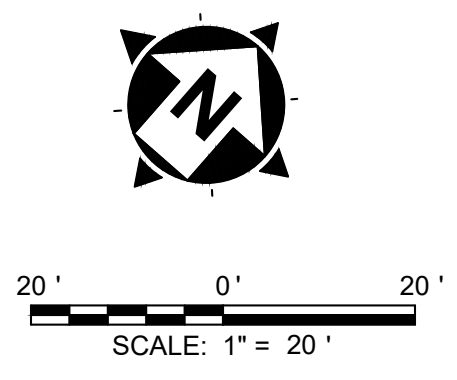




WATER MAIN - CONNECTING LOOP

NOTES	
1A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
2A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
2B	RECONNECT 4" FIRE SERVICE AND USE EXISTING PIV AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4.
3A	RECONNECT 3" DOMESTIC SERVICE
3B	RECONNECT 4" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
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	PROPOSED WATER SERVICE
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	EXISTING FIRE HYDRANT
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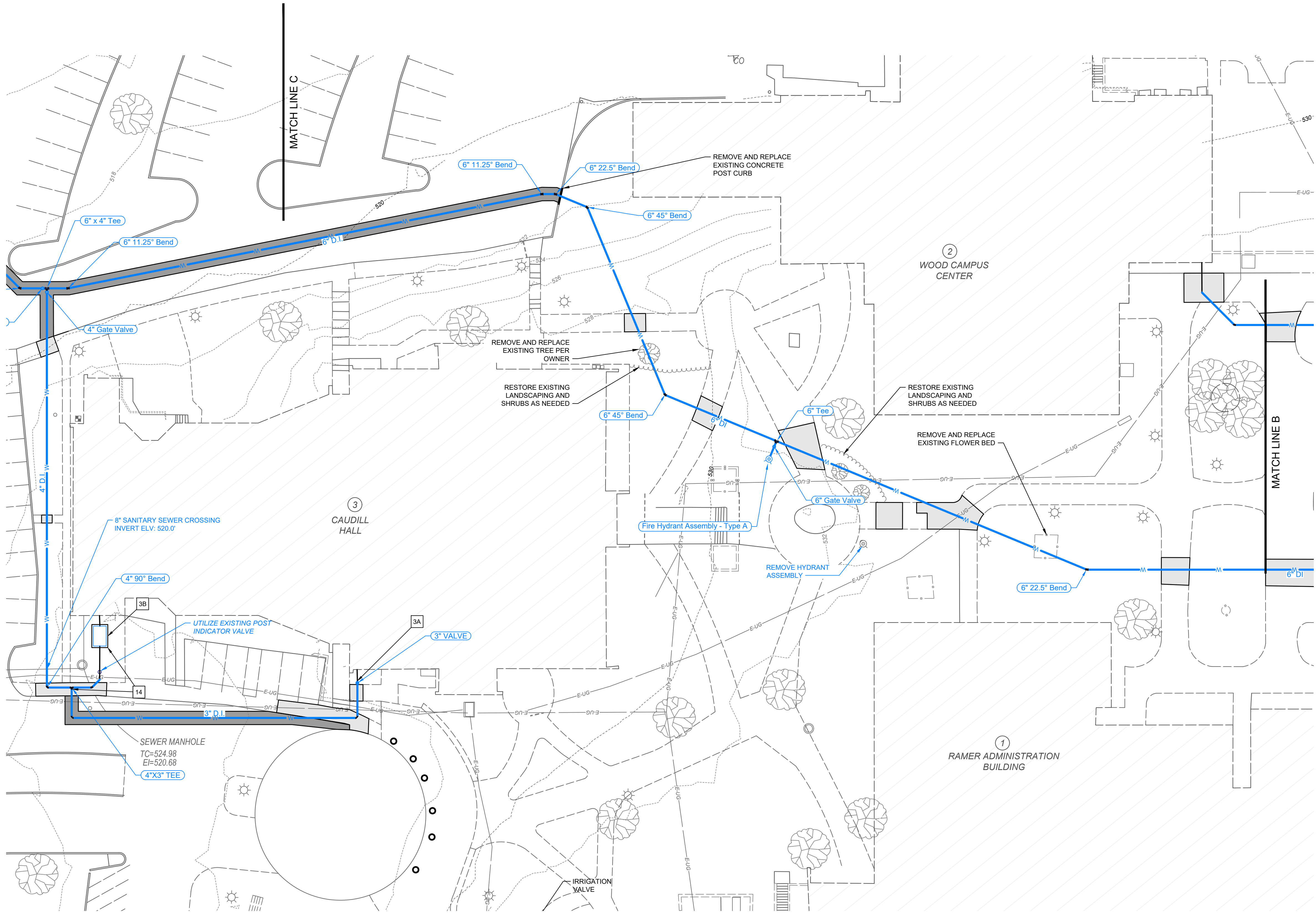
NO	REVISION	DATE
1	30% SUBMITTAL	05/02/2024
2	DESIGN DEVELOPMENT DRAWINGS	05/24/2024
3	CONSTRUCTION DRAWINGS	08/08/2024
4	TRACI PLAN CHANGES	10/17/2024
5	CONSTRUCTION DRAWINGS	12/16/2024

SCALE:	AS SHOWN
DATE:	12/16/2024
DESIGNED BY:	MAH
DRAWN BY:	MAH
CHECKED BY:	BM

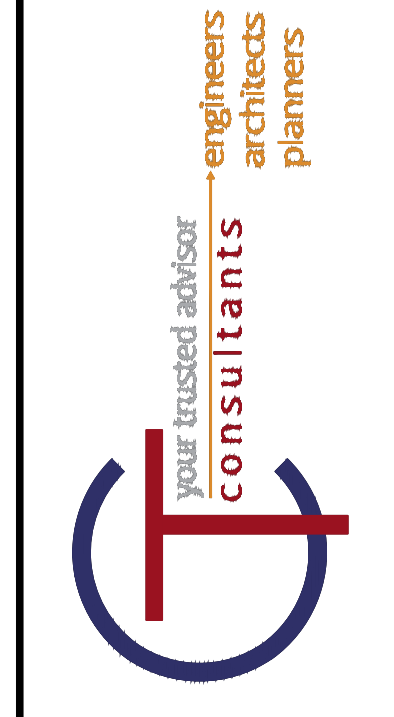
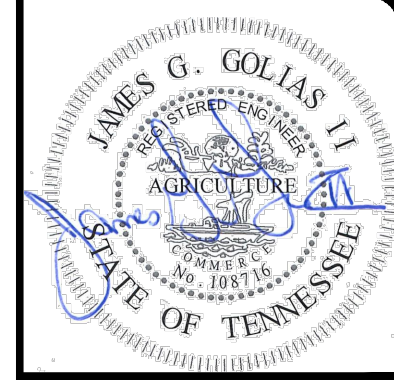
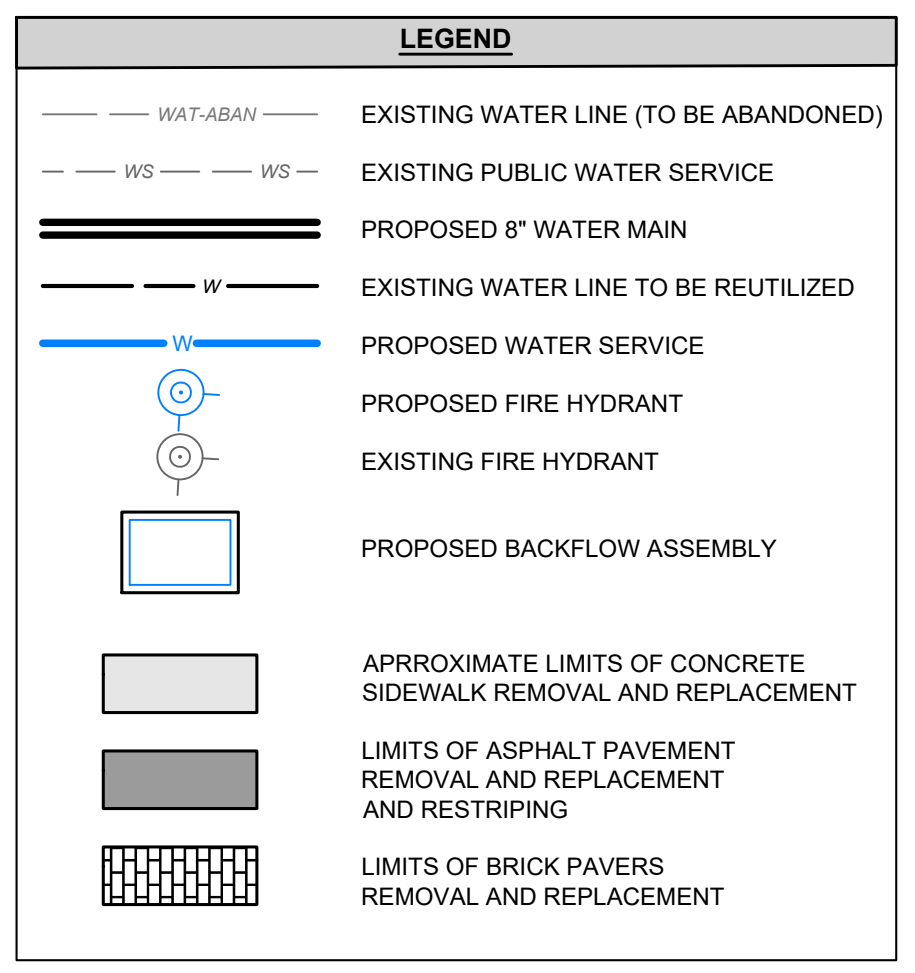
**VOLUNTEER STATE COMMUNITY COLLEGE**  
**DOMESTIC WATER IMPROVEMENTS**  
 SBC NO. 166/025-01-2023  
 SUMNER COUNTY, GALLATIN, TN  
**PLAN AND PROFILE - LOOP**

PROJECT NO:	
231755	
DRAWING NAME	
C1.10	
SHEET	OF
14	16





- NOTES**
- 1A RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 2A RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 2B RECONNECT 4" FIRE SERVICE AND USE EXISTING PIV AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4.
  - 3A RECONNECT 3" DOMESTIC SERVICE
  - 3B RECONNECT 4" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 4A RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 5A RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 5B RECONNECT 1½" FIRE SERVICE
  - 6A RECONNECT 3" DOMESTIC SERVICE
  - 6B RECONNECT 6" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 7A RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 7B RECONNECT 6" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 8A RECONNECT 2½" DOMESTIC SERVICE
  - 8B RECONNECT 4" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 9A RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 9B RECONNECT 6" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 10A RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 11A RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
  - 12A RECONNECT 1" DOMESTIC SERVICE
  - 13A RECONNECT 1½" DOMESTIC SERVICE
  - 14 INSTALLATION OF ALL SPRINKLER SYSTEM PIPING FROM THE POINT OF SERVICE MUST BE PERFORMED BY A TENNESSEE REGISTER SPRINKLER CONTRACTOR.



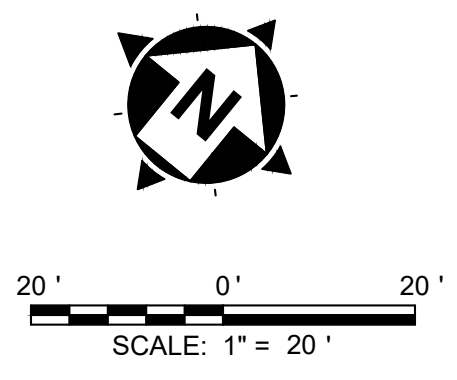
NO	REVISION	DATE
1	30% SUBMITTAL	05/02/2024
2	DESIGN DEVELOPMENT DRAWINGS	05/24/2024
3	CONSTRUCTION DRAWINGS	08/08/2024
4	TACI PLAN CHANGES	10/17/2024
5	CONSTRUCTION DRAWINGS	12/16/2024

SCALE: AS SHOWN	DATE: 12/16/2024	DESIGNED BY: MAH	DRAWN BY: MAH	CHECKED BY: BM
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**VOLUNTEER STATE COMMUNITY COLLEGE  
DOMESTIC WATER IMPROVEMENTS**  
SBC NO. 166/025-01-2023  
SUMNER COUNTY, GALLATIN, TN

**WATER LINE PLAN SHEET 1**



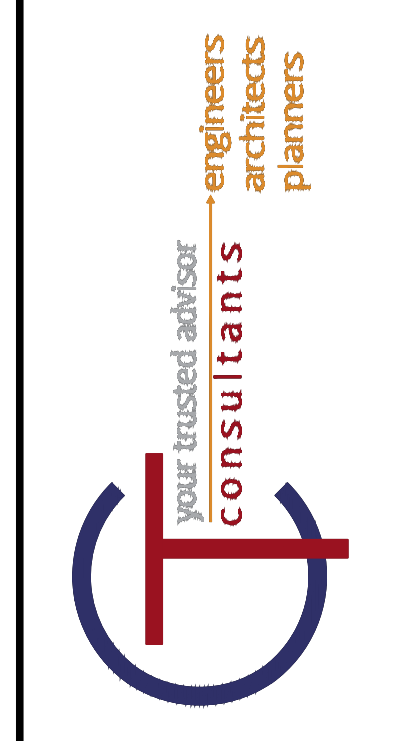
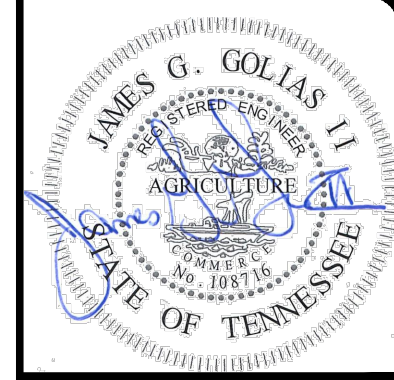
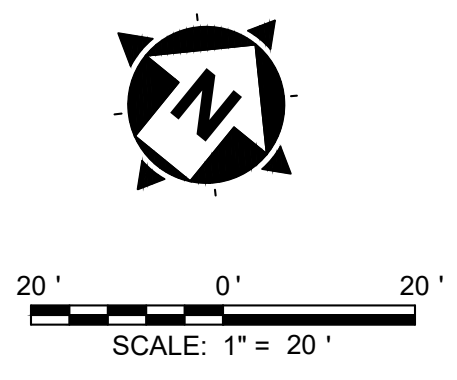
PROJECT NO: <b>231755</b>	
DRAWING NAME <b>C1.11</b>	
SHEET <b>15</b>	OF <b>16</b>





NOTES	
1A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
2A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
2B	RECONNECT 4" FIRE SERVICE AND USE EXISTING PIV AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4.
3A	RECONNECT 3" DOMESTIC SERVICE
3B	RECONNECT 4" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
4A	RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
5A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
5B	RECONNECT 1 1/2" FIRE SERVICE
6A	RECONNECT 3" DOMESTIC SERVICE
6B	RECONNECT 6" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
7A	RECONNECT 4" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
7B	RECONNECT 8" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
8A	RECONNECT 2 1/2" DOMESTIC SERVICE
8B	RECONNECT 4" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
9A	RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
9B	RECONNECT 6" FIRE SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
10A	RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
11A	RECONNECT 3" DOMESTIC SERVICE AS SHOWN IN CONNECTION DETAIL 1 ON SHEET 4
12A	RECONNECT 1" DOMESTIC SERVICE
13A	RECONNECT 1 1/2" DOMESTIC SERVICE
14	INSTALLATION OF ALL SPRINKLER SYSTEM PIPING FROM THE POINT OF SERVICE MUST BE PERFORMED BY A TENNESSEE REGISTER SPRINKLER CONTRACTOR.

LEGEND	
	EXISTING WATER LINE (TO BE ABANDONED)
	EXISTING PUBLIC WATER SERVICE
	PROPOSED 8" WATER MAIN
	EXISTING WATER LINE TO BE REUTILIZED
	PROPOSED WATER SERVICE
	PROPOSED FIRE HYDRANT
	EXISTING FIRE HYDRANT
	PROPOSED BACKFLOW ASSEMBLY
	APPROXIMATE LIMITS OF CONCRETE SIDEWALK REMOVAL AND REPLACEMENT
	LIMITS OF ASPHALT PAVEMENT REMOVAL AND REPLACEMENT AND RESTRIPING
	LIMITS OF BRICK PAVERS REMOVAL AND REPLACEMENT



NO	REVISION	DATE
1	30% SUBMITTAL	05/02/2024
2	DESIGN DEVELOPMENT DRAWINGS	05/24/2024
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5	CONSTRUCTION DRAWINGS	12/18/2024

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DOMESTIC WATER IMPROVEMENTS**  
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**WATER LINE PLAN SHEET 2**

PROJECT NO: <b>231755</b>	
DRAWING NAME <b>C1.12</b>	
SHEET <b>16</b>	OF <b>16</b>