
To: Select Board, Town of Longmeadow

From: Richard Salvezza, Project Engineer

Subject: Williams St. at Laurel St. Project Description

Date: 04/21/2021

Project Description

The project consists of making alterations to the components within the existing above ground regulator cabinet, installing protection to critical components buried adjacent to the station, and installing an additional above ground cabinet to provide SCADA (Supervisory Control and Data Acquisition) capabilities. These improvements will enhance operational safety of this facility and of Eversource's gas distribution system in Longmeadow.

Construction duration is expected to last no more than 5 days.

Construction Details

This project includes the following work activities:

- Excavation, shoring, hauling and moving pipe
- Separation of asphalt, concrete, rock and debris from excavated materials
- Disposal of asphalt
- Removal and transportation of excess soils from the work site
- Dust control
- Installation, maintenance and removal of erosion control barriers and silt fence as required in construction areas
- Installation of all steel pipe, fittings, tees, valves, insulators
- Welding pipe, fittings, valves, transitions and elbows
- Pipe coating of welds and fittings
- Pressure testing of the pipeline
- Purging the new main into service
- Backfill of trenches
- Restoration and cleanup of construction site and staging areas
- Loom and seeding

Equipment Details

Eversource will hire a contractor to complete this project. The contractor will use the equipment shown below.

Additional crews may work concurrently and the listed equipment and machinery may be used for only a portion of the project.

- Flatbed Truck – used for transport of equipment or materials to and from the work site
- Lowboy - used for transport of equipment to and from the work site
- Air Compressor Trailer – used to support construction tooling and equipment
- Backhoe – used for excavation of the trench
- Dump Truck – used to transport spoil or fill
- Excavator – used for excavation of the trench
- Tanker Truck – used to support fuel for vehicles or water for dust control
- Generator Trailer – used to support construction tooling and equipment
- Hydro / Vacuum Excavation Truck – used for excavation of the trench in close proximity to utilities
- Pick-Up Truck or Van – transport workers and supervisors to and from the work site
- Box Truck – transport workers and equipment or materials to and from the work site
- Road Saw – used to saw cut the asphalt for the trench excavation
- Welding Rig – used to support the welding of pipe

Restoration Details

Restoration will be completed to the Town of Longmeadow's requirements. The lawn area disturbed will receive a minimum of 4" of loam and grass seed.

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EVERSOURCE ENERGY



WORK SCOPE

- I&R INITIATIVES**
- TIER 1 CONTROL LINE REMEDIATION
 - OVERPIPE PROTECTION
 - ASV DEVICE REPLACEMENT
 - TEE STRAINER INSTALLATION
 - TELEMETRY
 - INVESTIGATION DIGS
 - BYPASS BLOCKING VALVE REMEDIATION
 - MISC WORK:

2021 EGMA I&R INITIATIVES
 WILLIAMS STREET @ LAUREL STREET, LONGMEADOW, MA
 WORK LOCATION: WILLIAMS@LAUREL
 PREMISE ID: 11428
 PROJECT #21-77846

FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION
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No.	ISSUED FOR	Description	Revision/Status	Date	Dw/ck
X	ISSUED FOR XXXXX			XXXX/20	XXXX

EVERSOURCE ENERGY

WILLIAMS STREET @ LAUREL STREET, MA
 PROJECT # 21-77846
 COVER SHEET

SCALE: N.T.S.

Drawn by/Date	Checked by/Date	Drawing Number	Rev No
XXX XXX/XXX	XXX XXX/XXX	MA-WES-STA-LON-3791-01	X

- ### EVERSOURCE STANDARD NOTES
- IF ANY OF THE FOLLOWING OCCUR A DRAWING REVISION IS REQUIRED AND MUST BE APPROVED AND/OR STAMPED BY THE ENGINEER OF RECORD. CHANGES CAN BE APPROVED AND/OR STAMPED BY A PROJECT ENGINEER, BUT THE ENGINEER OF RECORD MUST BE INFORMED.
 - IF THE TIE IN POINT MOVES TO A DIFFERENT SEGMENT OF PIPE THAN SHOWN
 - IF A CHANGE IN THE LOCATION OF VALVES IS REQUIRED
 - IF THERE IS ANY CHANGE TO WHAT IS SHOWN ON THE DRAWING WITHIN 50 FT OF A PRESSURE REGULATING STATION, DISTRICT REGULATOR, OR GATE STATION IF A CHANGE IN PIPE SIZE, MATERIAL, FITTINGS, OR WALL THICKNESS IS REQUIRED
 - MINOR CHANGES SUCH AS OFFSETS MAY NOT REQUIRE DRAWING CHANGES
 - EXCAVATOR SHALL CALL DIGSAFE / CALL BEFORE YOU DIG (901 811) AT LEAST 72 HOURS PRIOR TO CONSTRUCTION. SATURDAYS, SUNDAYS AND HOLIDAYS ARE EXCLUDED FROM THE 72-HOUR TIME SPAN. NOT CONSIDERED BUSINESS WORKDAYS.
 - CONSTRUCTION DRAWINGS ARE BASED ON EVERSOURCE HISTORICAL DOCUMENTATION AND HAVE NOT BEEN FIELD VERIFIED. WHEN THE PIPE IS EXPOSED AND VARIANCES TO THE CERTIFIED DRAWINGS ARE FOUND, CONTACT GAS ENGINEERING TO DETERMINE PATH FORWARD.
 - ALL WORK SHALL BE PERFORMED PER EVERSOURCE LOCAL, STATE, OSHA, AND FEDERAL REGULATIONS AND STANDARDS.
 - MATERIAL AND CONSTRUCTION SHALL CONFORM TO EVERSOURCE GAS STANDARDS.
 - THE LOCATIONS OF EXISTING UTILITIES AND UNDERGROUND STRUCTURES ARE APPROXIMATE AND MUST BE FIELD VERIFIED. ADDITIONAL UNDERGROUND FACILITIES MAY EXIST THAT ARE NOT SHOWN ON THESE DRAWINGS WHICH MAY REQUIRE ADDITIONAL OFFSETS IN THE PIPELINE.
 - WORK LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. EXACT LOCATIONS OF TIENS SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION TO SUIT FIELD CONDITIONS AT THE SPECIFIC TIE-IN POINT. VERIFY LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY TIE-IN WORK.
 - ALL LIVE GAS WORK, INCLUDING BUT NOT LIMITED TO TAPPING OF FITTINGS ON LIVE MAINS, STOPPING, MANIPULATING VALVE, ABANDONMENT, SHALL BE PERFORMED BY, OR AT THE DIRECTION AND UNDER THE DIRECT SUPERVISION OF EVERSOURCE GAS PERSONNEL AND IN ACCORDANCE WITH THE WRITTEN PROCEDURE. DRAWING CHANGES MAY ALSO REQUIRE A CHANGE TO THE PROCEDURE.
 - EXCAVATOR IS REQUIRED TO PROTECT EXISTING UTILITIES, STRUCTURES, LANDSCAPES FEATURES, SIGNAGE, CURBS, ETC. CARE SHOULD BE TAKEN NOT TO DISTURB OR DAMAGE SUCH ITEMS. ROADWAY, SIDEWALKS, AND GRASS DISTURBED SHALL BE RESTORED TO THE SATISFACTION OF THE CITY OR TOWN. PLANT BEDS WILL BE RELOCATED TO THEIR EXISTING REGULAR LOCATION.
 - IF THE PROJECT IS WITHIN 50 FEET OF A DISTRICT REGULATOR OR GATE STATION, ENSURE THAT A QUALIFIED IARR TECHNICIAN IS ON SITE.
 - ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), INCLUDING ALL REVISIONS AND ADDENDA. ALL TRAFFIC CONTROL DEVICES WILL BE SUPPLIED BY EXCAVATOR.
 - PROPERTY LINES, STRUCTURES AND EXISTING CONDITIONS DEPICTED ON PLANS ARE BASED ON EVERSOURCE GIS INFORMATION AND HAVE NOT BEEN VERIFIED BY LAND SURVEY UNLESS NOTED.
 - EXISTING SERVICES SHOWN ON PLAN ARE FOR INFORMATION ONLY. PROPOSED SERVICES ARE NOT SHOWN ON PLANS AND ARE TO BE INSTALLED PER EVERSOURCE CONSTRUCTION STANDARDS.
 - PROPOSED WORK SHALL BE PERFORMED AND COMPLETED IN COMPLIANCE WITH ALL PERMITS AND APPROVALS.

DRAWING LEGEND

Gas Main Symbolology

- Existing Gas Main
- Existing Gas Main to Be Abandoned
- Proposed Gas Main

Gas Main Material/Pressure Label References

MATERIAL CODES

Coated Steel Gas Main
Cast Iron Gas Main
Bare Steel Gas Main
Wrought Iron Gas Main
High Density Polyethylene Gas Main
Medium Density Polyethylene Gas Main

Pipe Pressure Codes

- LP Low Pressure
- IP Intermediate Pressure
- MP Medium Pressure
- HP High Pressure

MISCELLANEOUS CODES

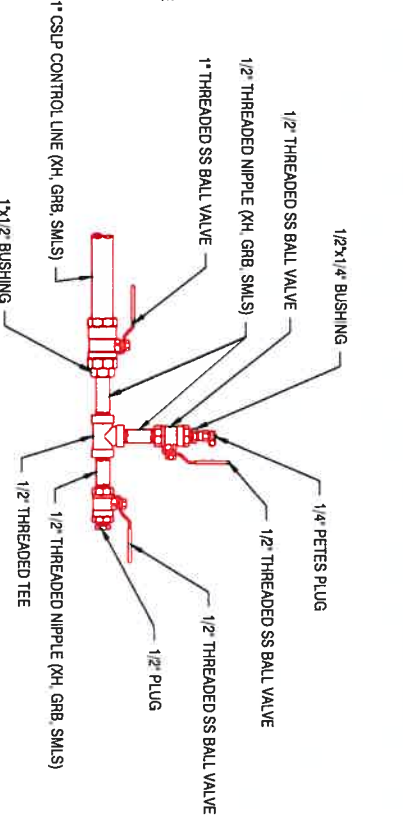
- *-SER Service
- *-R Riser
- (TC) Transmission Class
- (T) Gas Main Installation Method Label References
- AT Attached
- BH Bridge Hanger
- BLGH Building Hanger
- DB Directional Bore
- IS Inserted
- OC Open Cut
- PB Pneumatic Bore
- PL Plowed
- RT Roof Top
- (E) Existing
- (P) Proposed

Gas Facility Symbolology

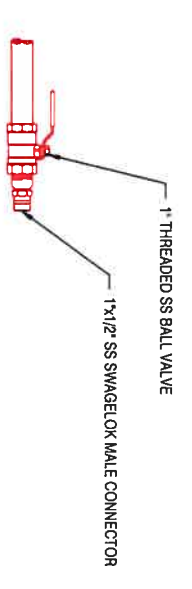
- Gas Valve
- Critical Gas Valve
- Gate - GV, Plug - PV, PE Ball - BP, ST Ball - BV
- High Volume Tapping Tee
- Pressure Control Fitting - ShortStopp Tee
- Pressure Control Fitting - Spherical Tee
- Pressure Control Fitting - Mueller Bottom-out
- Pressure Control Fitting - Mueller Side-out
- Pressure Control Fitting - Mueller Flange Tee
- Pressure Control Fitting - Muellers
- Pressure Control Fitting - Mueller Stopp
- Pressure Control Fitting - Mueller Stopper
- Polyapp Side Saddle Fitting
- Transition
- End Cap
- Riser
- Reducer
- Electronic Marker
- Flush-mounted Tracer Wire Station
- Post Pipeline Marker with Tracer Wire
- Gas Main Marker without Tracer Wire
- Test Well
- Regulator Station
- Single Customer Regulator
- Meter
- Meter with Regulator
- Test Point (Station)
- Gas Service Tie-over
- Gas Service Replacement
- Meter Move Out

MMO Swing Tie Symbology

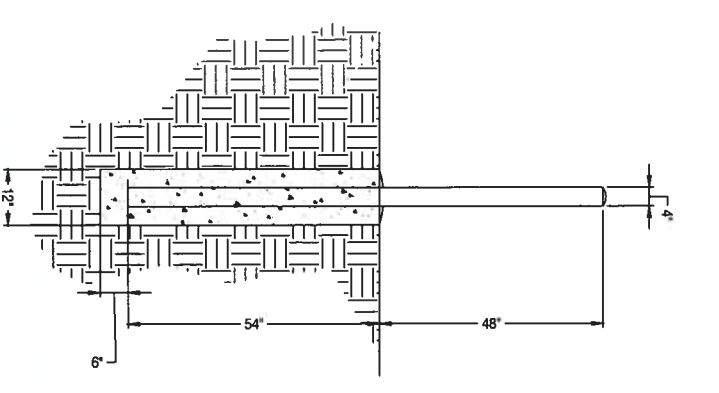
- Telephone Manhole
- Drain Manhole
- Electric Manhole
- Catch Basin
- Sewer Manhole
- Fire Hydrant
- Utility Pole
- Property Marker
- Telephone Pedestal
- Television Pedestal
- Unknown Manhole
- Water Box
- Water Gate
- Electric Pedestal
- Iron Pin
- Light Pole



2 STANDARD CONTROL LINE TAP DETAILS
Scale: N.T.S.



3 STANDARD TELEMETRY LINE DETAILS
Scale: N.T.S.



4 4\"/>

DOME TOP WITH CONCRETE
STANDARD STEEL PIPE FILLED WITH CONCRETE
PAINT EXPOSED SURFACES YELLOW
CONCRETE SLOPED AWAY FROM PIPE AT BASE

ITEM	QTY	SIZE	DESCRIPTION	DESIGN PRESS. (PSIG)
1	1	2"	GE GROOVE 900TE REGULATOR, ANSI 150, RF X RF, 100% CAPACITY, WITH 893 TUBE, TYPE 3040 PILOT FILTER, SERIES 245 RESTRICTOR, SERIES 205 PILOT WITH 5-15 INCHES SPRING, ALL WITH STAINLESS STEEL TUBING/HOOD/UP	285
2	1	2"	STRAINER Y-TYPE, FLANGE BY FLANGE, 150 ANSI	285
3	5	2"	FG WELD NECK, NF 150B BULK CS STD BORE SA405, 4 BOLTS PER FLANGE REGD	285
4	28	5/8" x 3"	STUD BOLT, ASTM A-307, 7/16" THREADED ENTIRE LENGTH, W/ 2 HEX NUTS A194-2H (FOR 2" FLANGE 150, REQ'S 4 BOLTS EA)	N/A
7	7	2"	GASKET FLAT RING, ANSI 150, 1/16" THICK, NON-ASBESTOS, NON-GLASS FIBER	1,000
8	1	4"	GARLOCK BLUE-GARD STYLE 3000, 1,000 PSIG MAXIMUM PRESSURE	908
9	8	5/8" x 3-1/2"	PIPE, P.E., 0.154" STD WALL, GRADE 8, BARE, 1.5" FEM, APM51	908
10	10	2"	ELL WELDINGS 90 DEG, 1.8" GRADE 8, 0.154" WALL	908
11	2	4" x 2"	REDUCER CONC WELD STD BULK CS SA324 WRP	737
12	3	1/2" x 3"	FLG WELD NECK, NF 150B BULK CS STD BORE SA405, 8 BOLTS PER FLANGE REGD	285
13	3	1/2"	STUD BOLT, ASTM A-307, 7/16" THREADED ENTIRE LENGTH, W/ 2 HEX NUTS A194-2H (FOR 3" FLANGE 150, REQ'S 4 BOLTS EA, FOR 4" FLANGE 150, REQ'S 8 BOLTS EA)	N/A
14	50	1" x 1"	GASKET FLAT RING, ANSI 150, 1/16" THICK, NON-ASBESTOS, NON-GLASS FIBER	1,000
15	1	4"	GARLOCK BLUE-GARD STYLE 3000, 1,000 PSIG MAXIMUM PRESSURE	908
16	2	1"	PIPE, P.E., 0.179" W/ GB SMLS 30MILL, FBE SA106	1,905
17	2	1"	ELL 90 DEG CS SOCK/WELD BULK 3000# SA106	1,905
18	3	1"	VALVE, BALL, CONTR 58000-M3 2000WOG 316SS FP 2PC B W/ V THD SS B TRM LL	2,000
19	3	1/2" x 3"	VALVE, BALL, CONTR 58000-M3 2000WOG 316SS FP 2PC B W/ V THD SS B TRM LL	2,000
20	3	1/2" x 3"	PIPE, HEX HEAD, M1 CS, 6000M, SA405 (FOR PRESSURE TEST)	2,450
21	3	1/2" x 3"	PIPE, HEX HEAD, M1 CS, 6000M, SA405 (FOR PRESSURE TEST)	2,450
22	3	1/2" x 3"	TEE BULK CS THD 3000# SA405	2,450
23	3	1/2"	VALVE, BALL, CONTR 58000-M3 2000WOG 316SS FP 2PC B W/ V THD SS B TRM LL	2,000
24	3	1/2"	VALVE, BALL, CONTR 58000-M3 2000WOG 316SS FP 2PC B W/ V THD SS B TRM LL	2,000
25	3	1/2" x 1/4"	BUSHING, HEX-ND, CS, BULK, 6000#	3,133
26	3	1/4"	PETTES PLUG II, BRASS BODY, NEOPRENE CORE, WITH CAP & BLUE TETHER, 500M W/P SWAGELOCK MALE CONNOR 55-810-1-8 (316SS TUB X WPT)	3,700
27	3	1/2" x 1/2"	PLUG, HEX HEAD, M1 CS, 6000M, SA405 (FOR PRESSURE TEST)	3,133
28	3	1/4"	PLUG, HEX HEAD, M1 CS, 6000M, SA405 (FOR PRESSURE TEST)	3,133
29	3	1"	VALVE, BALL, CONTR 58000-M3 2000WOG 316SS FP 2PC B W/ V THD SS B TRM LL	2,000
30	2	1"	SWAGELOCK MALE CONNECTOR 1/2 TUBE OD x 1 MALE NPT 55-810-1-16	3,700
31	2	1"	PLUG, HEX HEAD, M1 CS, 6000M, SA405 (FOR PRESSURE TEST)	2,662
32	2	2"	CONDUIT GRC EXPLOSION PROOF	N/A
33	2	2"	CONDUIT GRC EXPLOSION PROOF	N/A
34	2	2"	CONDUIT SWEP 90 DEG GRC EXPLOSION PROOF	N/A
35	2	2"	CONDUIT END CAP GRC EXPLOSION PROOF	N/A
36	2	2"	LINK SEAL (4 LINKS REQUIRED PER PENETRATION - 1" PIPE THRU 3" CORE DRILL)	N/A
37	2	3/4"	MAGNESIUM ANODE BULK 3000# SA105	2,053
38	2	1/16"	WIRE, PACKAGED IN BACKKIT, 75% GYPSUM, 20% BENTONITE, 5% SODIUM SILICOPHATE	N/A
39	1	-	MARKIN CONTROL CABINET, ALUMINUM, SINGLE CABINET W/ POLICE DOOR, 85" Hx 44" W x 26" D, POWDER COATED DARK OLIVE GREEN W/ WHITE INTERIOR	N/A
40	1	-	OVERPIPE PROTECTION PLATE, 0.6" THICK	N/A
41	1	-	OVERPIPE PROTECTION PLATE JOINING CLIP (1 PER PLATE)	N/A
42	1	-	OVERPIPE PROTECTION PLATE CAP FOR CLIP (1 PER PLATE)	N/A
43	2	-	OVERPIPE PROTECTION PLATE DOMING CLIP (1 PER PLATE)	N/A
44	2	-	OVERPIPE PROTECTION PLATE CAP FOR CLIP (1 PER PLATE)	N/A
45	1	1 GAL	TAPECOAT OMNI PRIME COLD APPLY W/HAZ PRIMER 1 GAL UNZ234	N/A
46	1	2" x 25'	TAPECOAT T-TAPE #235021GPE 2" X 25', 12 ROLLS/CASE	N/A
47	1	-	TELEMETRY CABINET - EMERSON	N/A
48	1	-	TELEMETRY CABINET PRECAST CONCRETE PAID (BY OTHERS)	N/A
49	1	-	TEST BOX 57 DIA, ABS PLASTIC FOR CORROSION CONTROL, 18 X 18, IN SHMT LENGTH W/ NON-LOCKING MAGNETIZED COVER, WITH TERMINAL PLATE WALL THICKNESS, 150 +/- .015 CP TEST	N/A
50	1	-	ANM1NS01818, 4PT 2000# ON MORE-RIGHT PREPARED ALLOWED	N/A
51	1	-	WAX TAPE 4 IN WIDE X 9 FT LONG 24/ROLL/CS, TRENTON #1	N/A

NOTE 1:
Maximum Allowed Pressure values are the maximum pressure for which a component can be used in a NISource/EGM system. Values are determined by manufacturer ratings, design pressure calculations, and in the case of steel pipe/fittings, the Maximum Allowed Pressure has been established by calculating a pressure that keeps the SMTS below 20%, i.e. non-transmission classification.

NOTE 2:
Material quantities listed are for reference only.

No.	Description	Revision/Status	Date	DW/CK
X	ISSUED FOR XXXXX		XX/XX/20	XX/XX

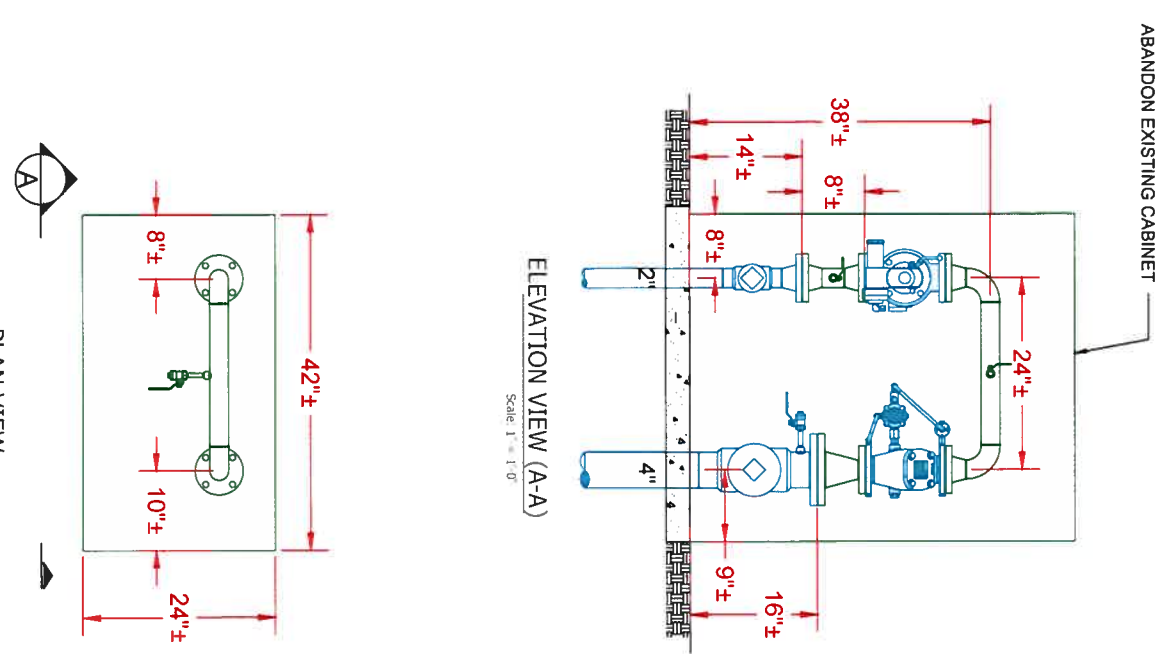
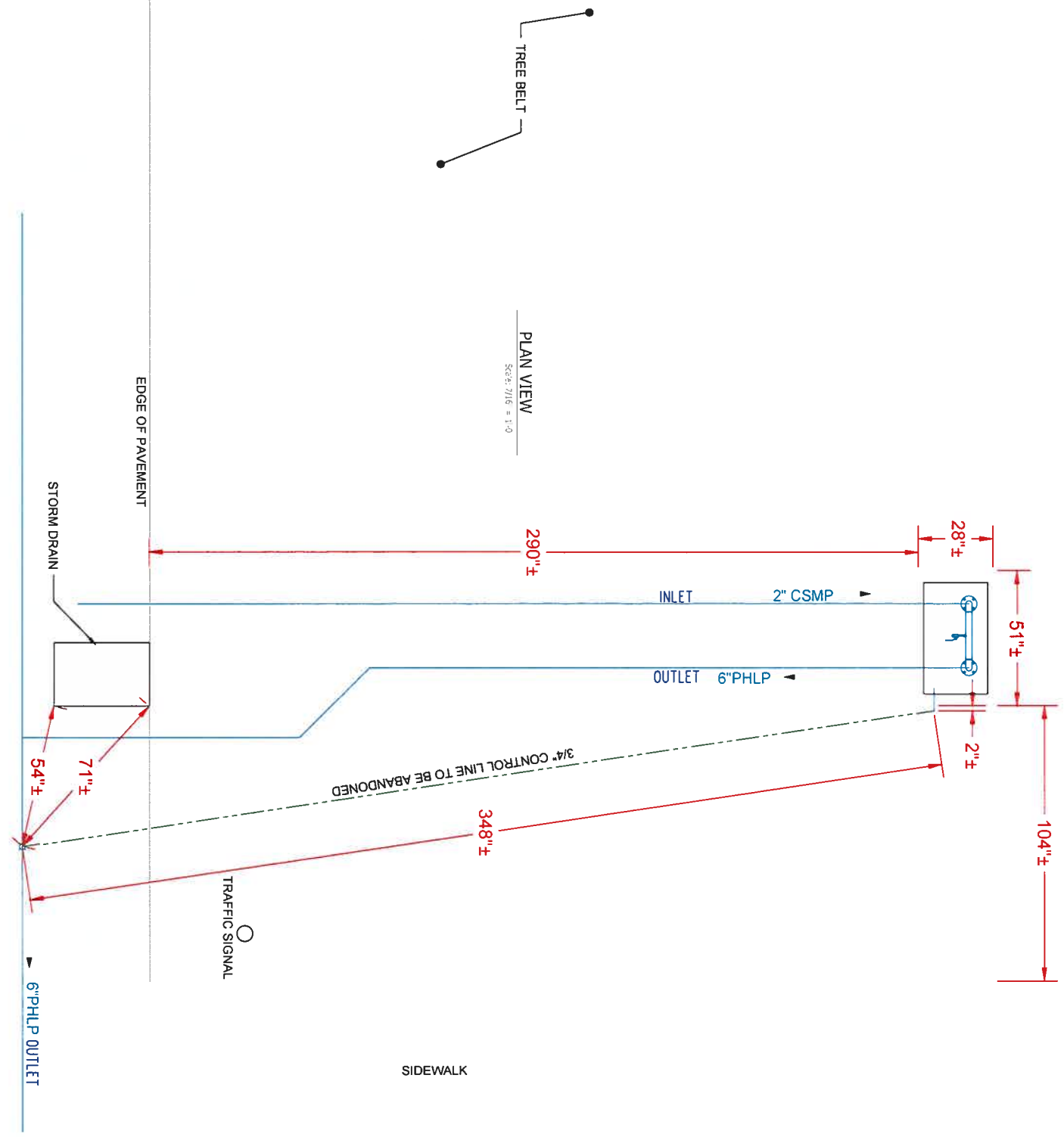
EVERSOURCE ENERGY

WILLIAMS STREET @ LAUREL STREET, MA
PROJECT # 21-77946

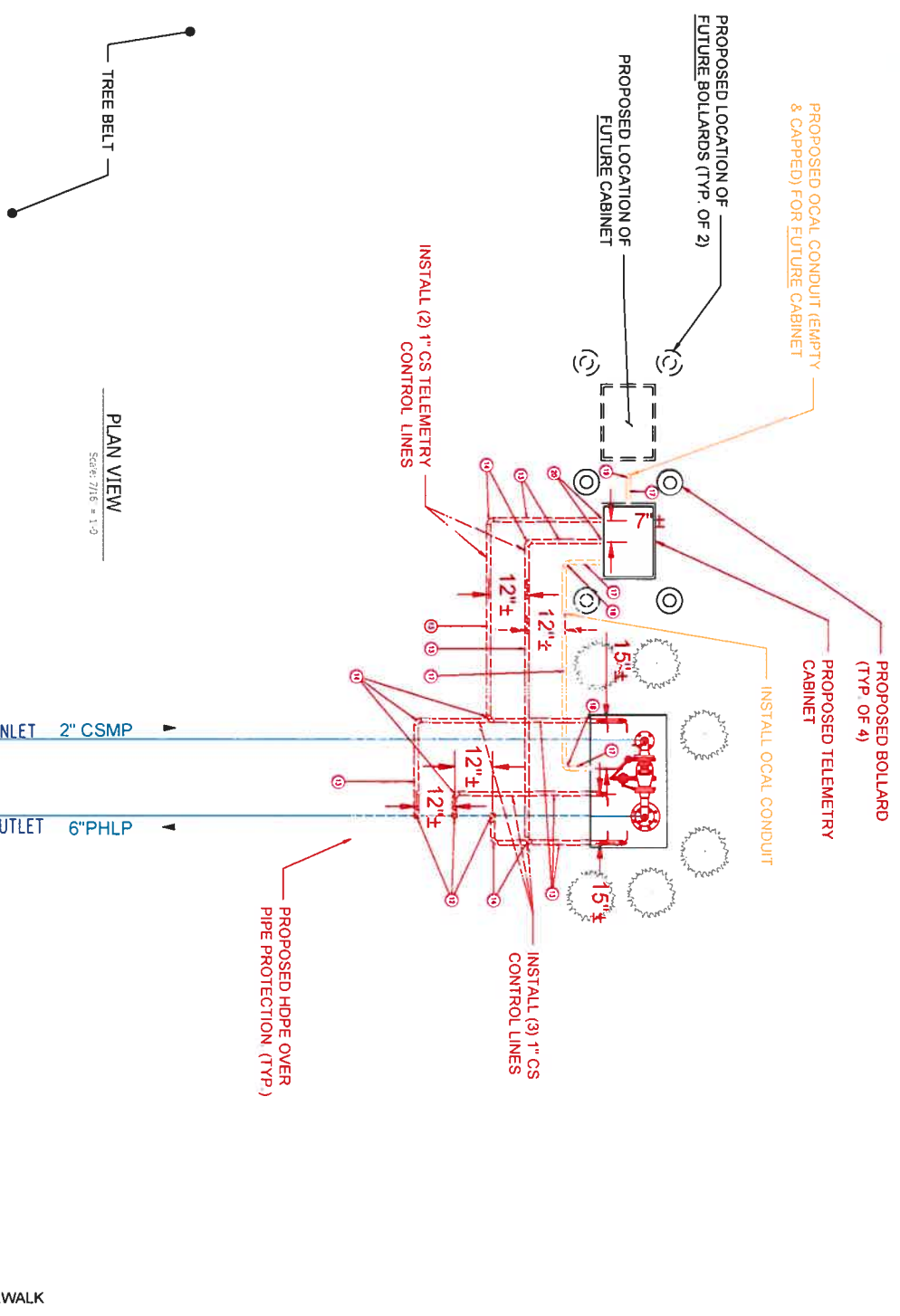
SCALE: N.T.S.
FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION

SHEET 2 OF 4
Drawing Number: XXX XXXXXX
MA-WES-STA-1-ON-3791-01
Rev No: X

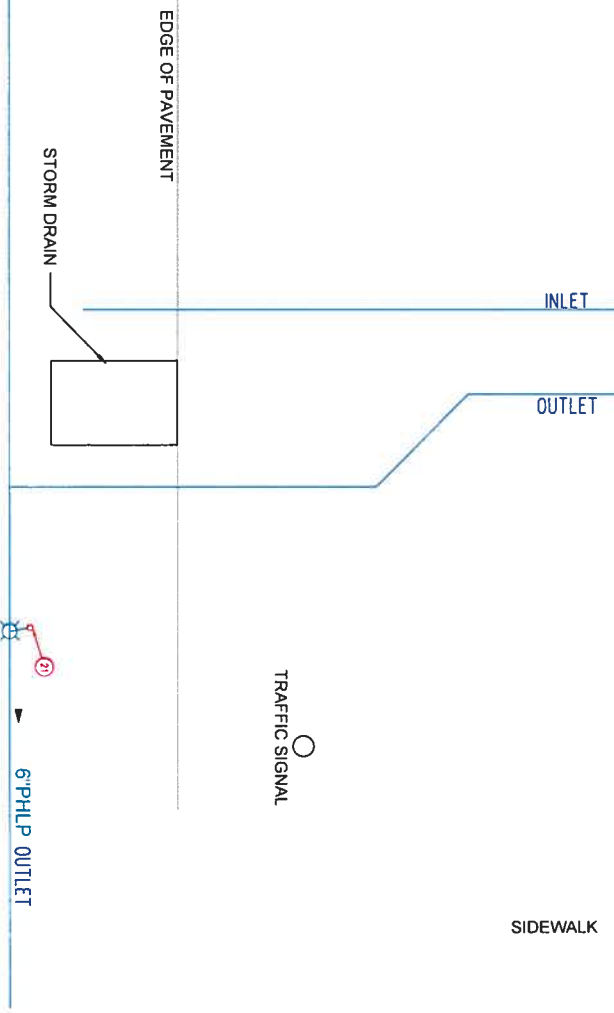
WILLIAMS STREET



FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION		SCALE: AS NOTED	
DRAWN BY: XXX XXXXXX		CHECKED BY: XXX XXXXXX	
<p>WILLIAMS STREET @ LAUREL STREET, MA</p> <p>PROJECT # 21-77846</p> <p>EXISTING CONDITIONS PIPING DETAILS</p>			
<p>EVERSOURCE</p> <p>ENERGY</p>		<p>DATE: XX/XX/20</p> <p>DW/CK: XX/XX</p>	
<p>NO. X</p> <p>ISSUED FOR XXXXX</p>		<p>REVISION/STATUS</p>	
<p>DESCRIPTION</p>		<p>DATE</p>	
<p>DATE</p>		<p>REV. NO.</p>	
<p>MA-WES-STA-LON-3791-01</p>		<p>3 OF 4</p>	

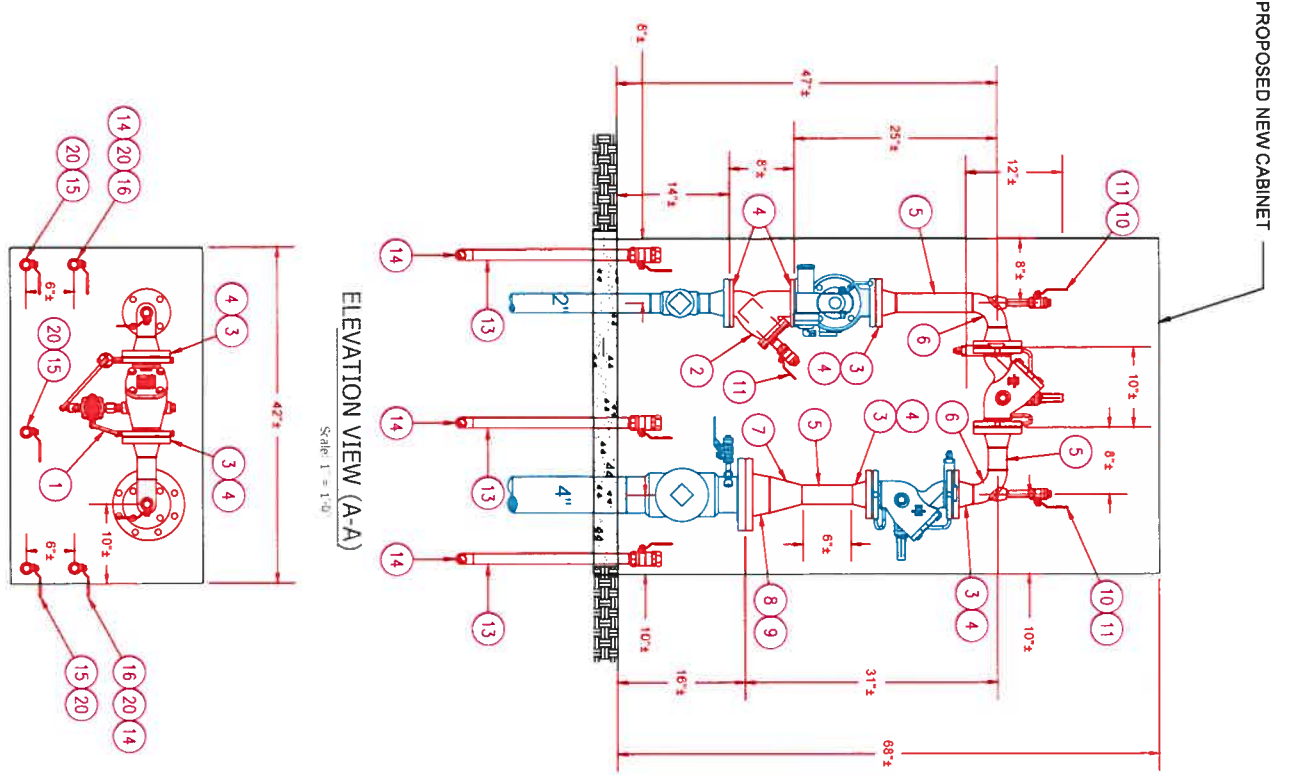


PLAN VIEW
Scale: 1/8" = 1'-0"



PLAN VIEW
Scale: 1" = 1'-0"

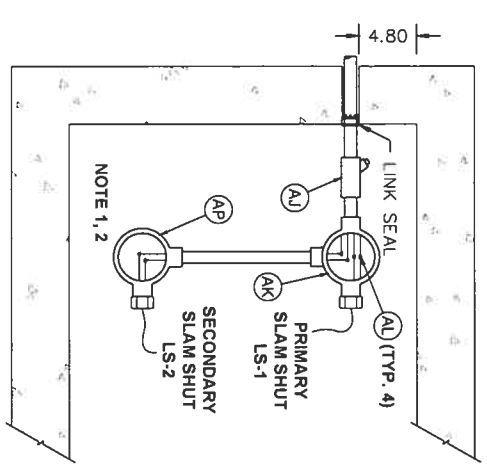
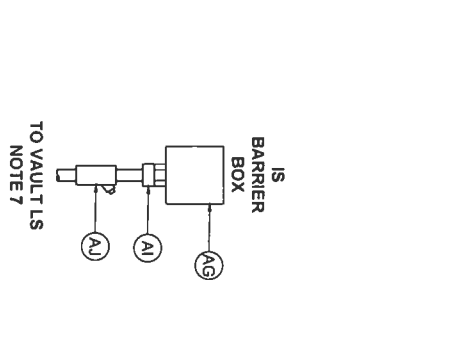
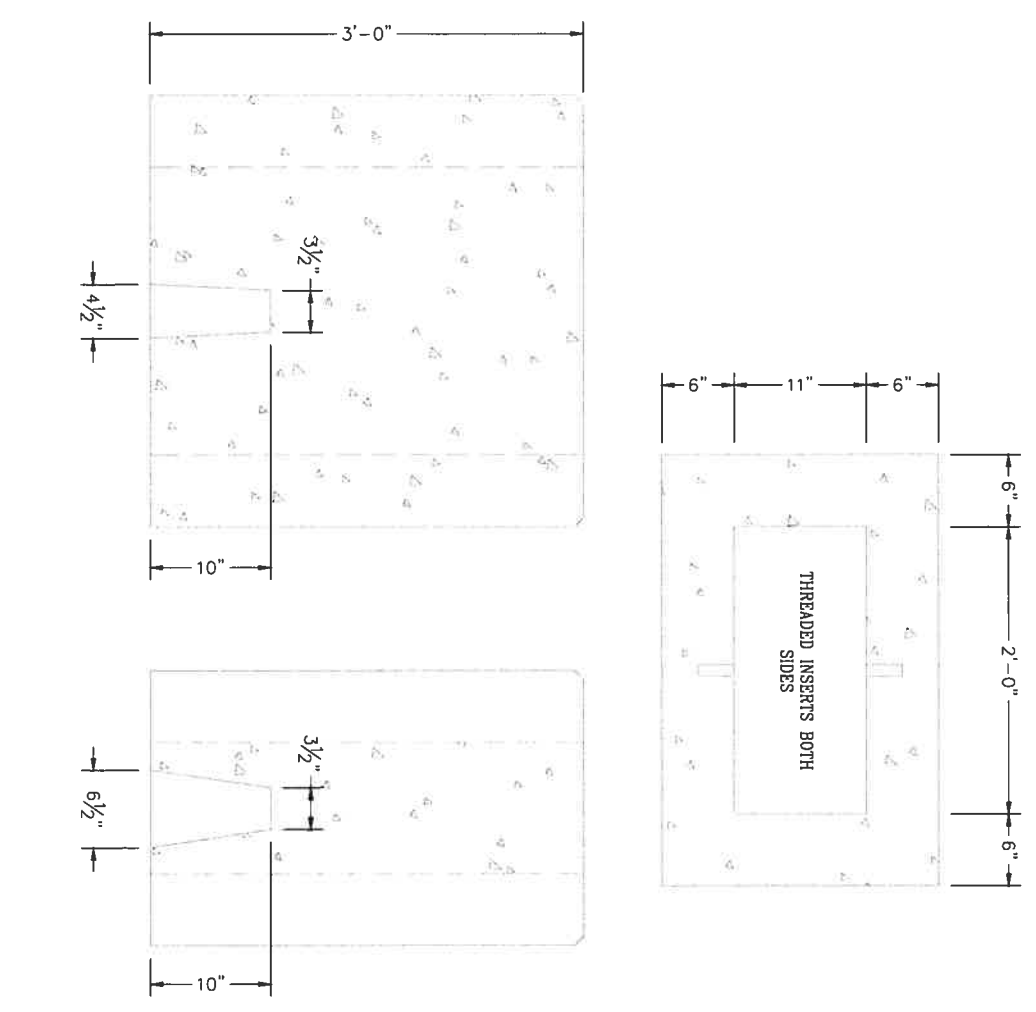
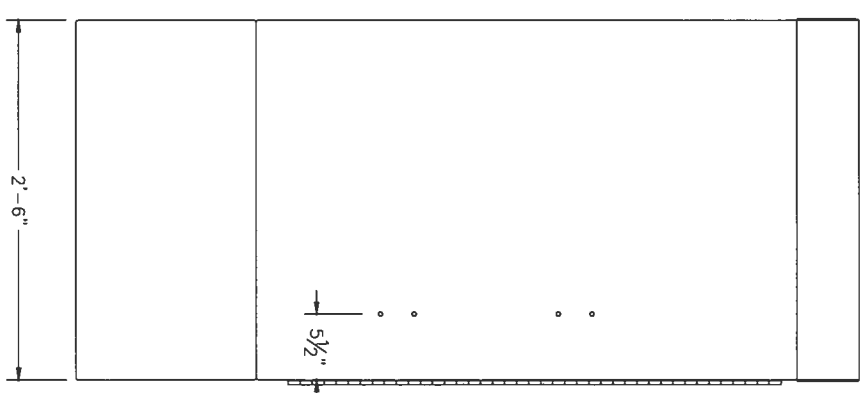
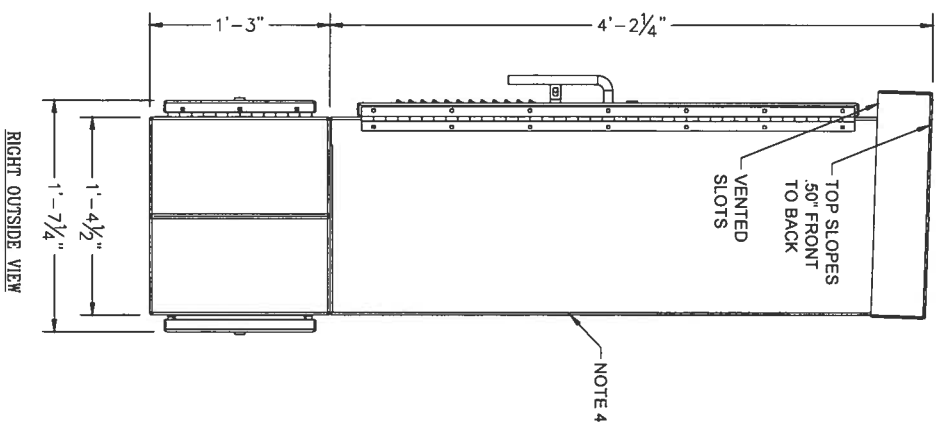
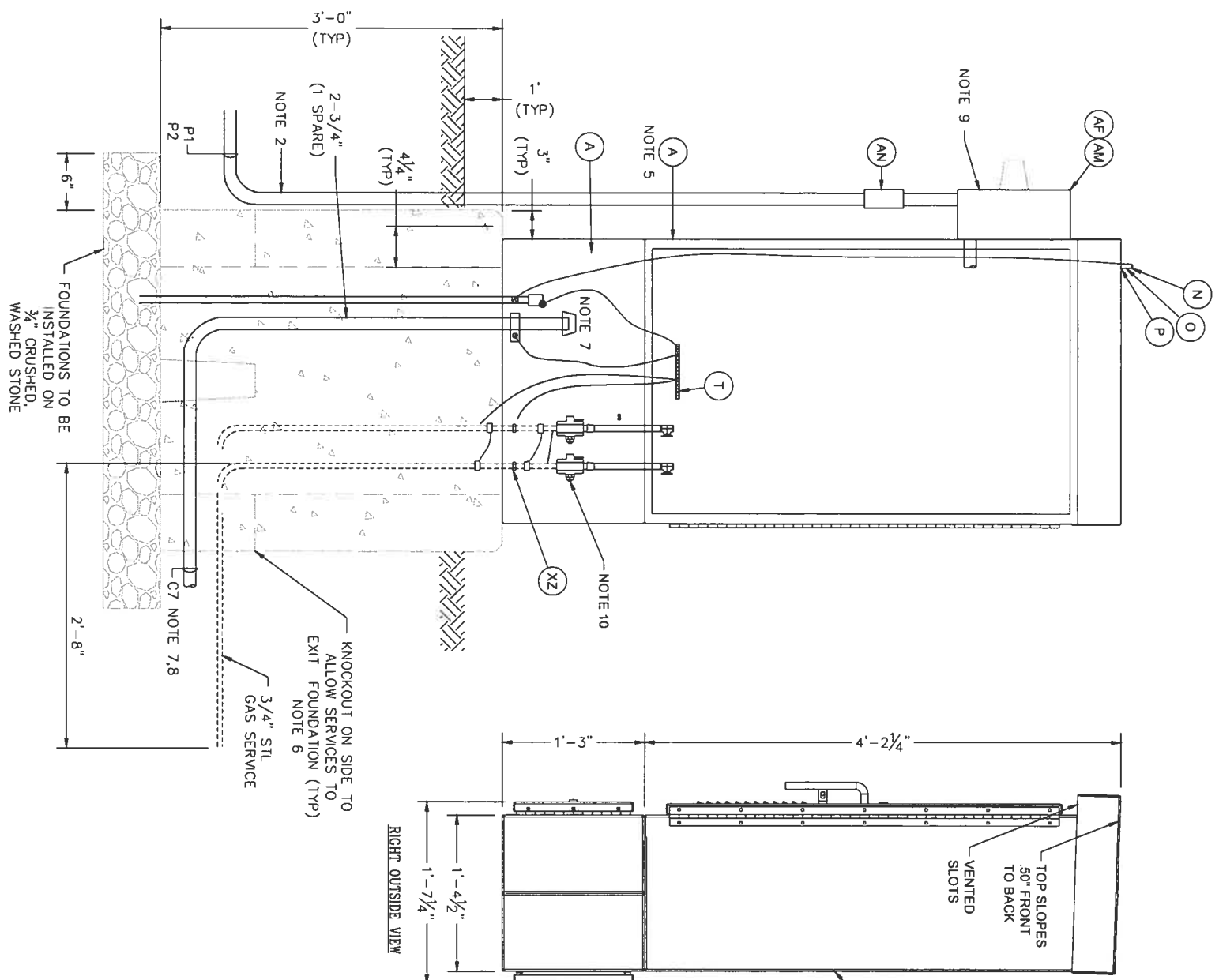
ELEVATION VIEW (A-A)
Scale: 1" = 1'-0"



- NOTES:
1. PROPOSED STATION COMPONENTS SHALL BE PRESSURE TESTED AT A MINIMUM 150PSIG NOT TO EXCEED 200PSIG FOR A MINIMUM OF ONE HOUR OR THE DURATION APPROPRIATE PER COMPANY STANDARDS.
 2. 100% NOTS REQUIRED PER COMPANY STANDARD INCLUDING BUT NOT LIMITED TO RADIOGRAPHIC INSPECTION/REVIEW
 3. REFER TO BILL OF MATERIALS INCLUDED ON PAGE 2 FOR FULL MATERIAL REQUIREMENTS.
 4. ORIENTATION AND/OR COMPOSITION OF TAPS WITHIN FACILITY MAY DEVIATE FROM APPROVED (STAMPED) PLAN TO ACCOMMODATE ACCESS AND WORKABILITY CONCERNS AND SUIT EGMAs MARK DESIGNATED USE.

FIELD VERIFY DIMENSIONS PRIOR TO PIPE FABRICATION		SCALE AS NOTED	
Drawn By/Date	XXX XXX/XXX	Checked By/Date	XXX XXX/XXX
WILLIAMS STREET @ LAUREL STREET, MA		SHEET 4 OF 4	
PROJECT # 21-77846		Drawing Number	
PROPOSED PIPING DETAILS		Rev No.	
EVERSOURCE ENERGY		MA-WES-STA-1-ON-3791-01	
X ISSUED FOR XXXXX		XXX/XX/20	XX/XX
No.	Description	Date	Dw/Clk
Revision/Status			

- NOTES:
1. EFV TO BE INSTALLED PER MANUFACTURERS REQUIREMENTS. EFV SHALL BE PROPERLY SIZED FOR APPLICATION PER EVERSOURCE STANDARDS AND MANUFACTURERS REQUIREMENTS.
 2. SERVICE CONNECTION TO CABINET SHALL BE IN ACCORDANCE WITH NFPA 70, THE REQUIREMENT OF THE LOCAL UTILITY AND THE AUTHORITY HAVING JURISDICTION (AHJ). IF A METER IS REQUIRED, IT SHALL BE LOCATED EXTERNAL TO THE CABINET.
 3. AN EFV WILL BE INSTALLED ON EACH GAS LINE TO A TRANSMITTER OR SETPOINT CONTROLLER.
 4. EQUIPMENT SHALL BE MOUNTED NEAT AND PLUMB.
 5. INSTALL STANDOFFS TO THE BACK PLANE OF EACH CABINET.
 6. ALL BELOW GRADE OPENINGS IN POOL BOX SHALL BE PARGED WITH CONCRETE.
 7. 3/4" RMC-PC TO INTRINSIC FAIL SAFE LIMIT SWITCHES IN VAULT - CAP IF NOT NEEDED.
 8. MARK CONDUIT AT 18" INTERVALS WITH 1 BAND BLUE SCOTCH 35 MARKING TAPE.
 9. METER TROUGH & CIRCUIT BREAKER SHALL BE BY ELECTRICAL CONTRACTOR, METER BY UTILITY.
 10. MOUNT AS LOW AS POSSIBLE IN LOWER CABINET (ALL EVS CONNECTORS).



ISSUED FOR
CONSTRUCTION

No.	INCORPORATED COMMENTS	Date	By
1	INCORPORATED COMMENTS	04/09/21	DBF/MP/UE/PJ
0	ISSUED FOR CONSTRUCTION	03/28/21	ARZ/MP/UE/JP

EVERSOURCE
ENERGY

EGMA END POINT TELEMETRY
ENCLOSURE DETAIL

FIELD VERIFY
DIMENSIONS
PRIOR TO PIPE
FABRICATION

SCALE: 1-1/2" = 1'

DATE: 03/23/21

FILED: 03/23/21

SHEET 2 OF 10

