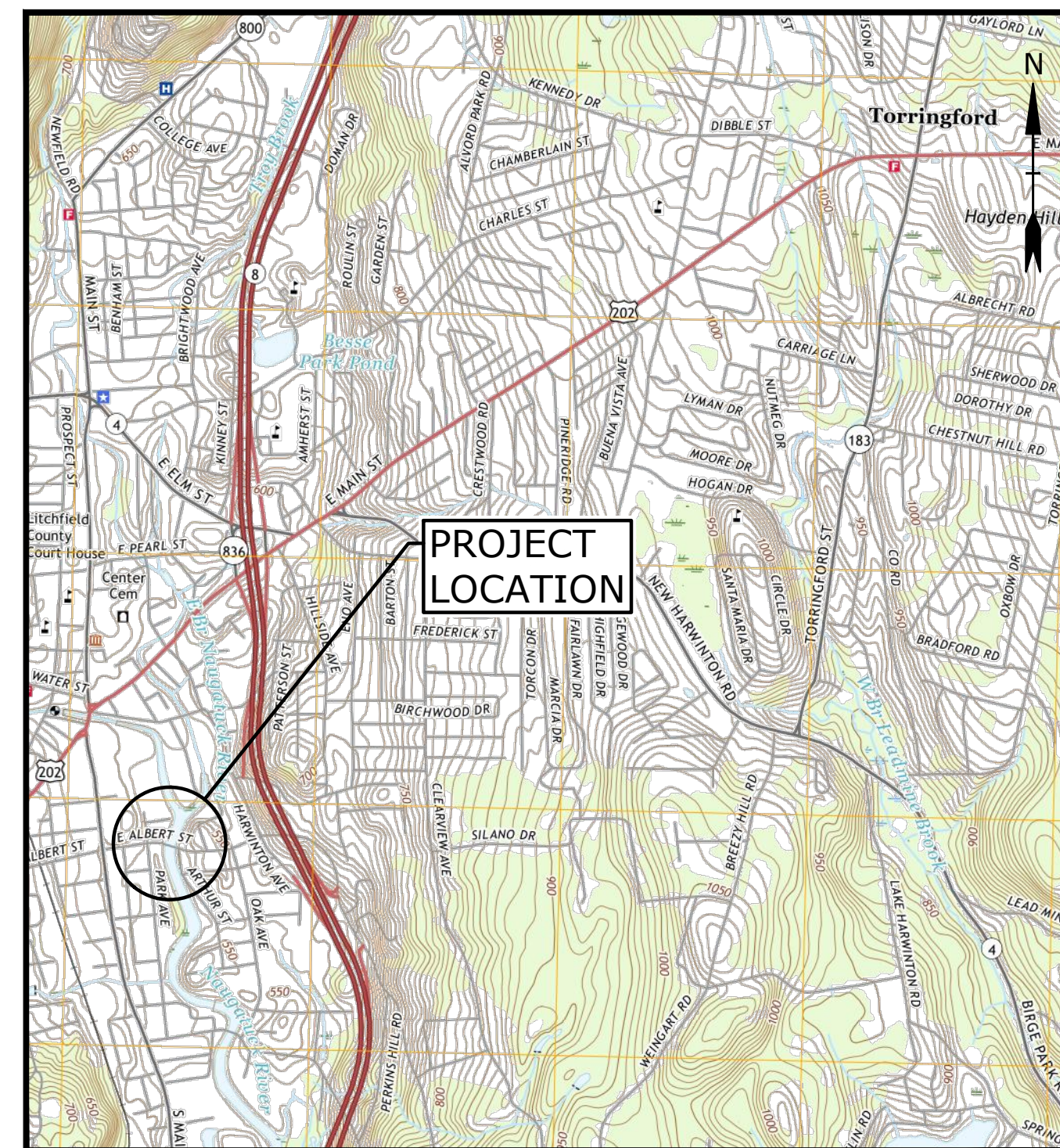


# CITY OF TORRINGTON, CT EAST ALBERT STREET BRIDGE CROSSING

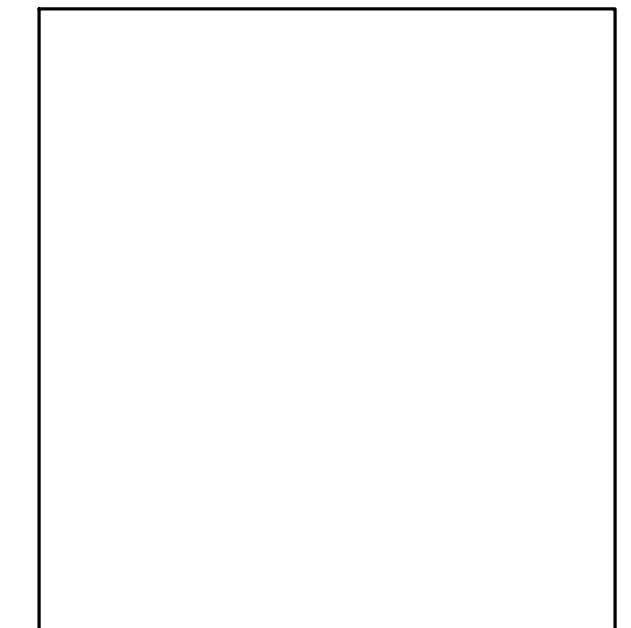
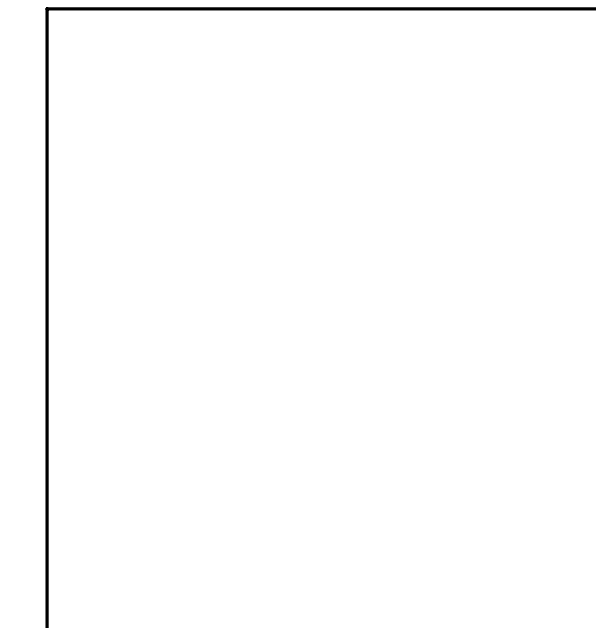
## 60% DESIGN DOCUMENTS AUGUST, 2022

LIST OF DRAWINGS		
SHEET NO.	DRAWING NO.	DRAWING TITLE
GENERAL		
1	G-001	COVER SHEET
2	G-002	GENERAL NOTES
3	G-003	BRIDGE NOTES, ABBREVIATIONS AND LEGEND
CIVIL		
4	C-101	EXISTING CONDITIONS PLAN
5	C-102	WATER MAIN PLAN
6	C-103	TEMPORARY ACCESS AND CONTROLS PLAN
7	C-201	WATER MAIN DETAILS 1
8	C-202	WATER MAIN DETAILS 2
9	C-203	TRAFFIC CONTROL DETAILS
STRUCTURAL		
10	S-101	BRIDGE PLAN AND ELEVATION
11	S-102	EXISTING BRIDGE FRAMING PLAN AND SECTION
12	S-103	PROPOSED BRIDGE FRAMING PLAN AND SECTION
13	S-104	BRIDGE DETAILS
14	S-105	EAST ABUTMENT BACKWALL PENETRATION DETAILS



LOCATION MAP  
SCALE: 1" = 24,000'

PREPARED BY:  
**Tighe & Bond**



PREPARED FOR:  
TORRINGTON WATER  
COMPANY

**COMPLETE SET 14 SHEETS**





**GENERAL BRIDGE NOTES**

- ALL STRUCTURAL WORK, INCIDENTAL WORK WITHIN THE LIMITS OF THE BRIDGE CROSSING, AND MATERIAL REQUIREMENTS SHALL CONFORM TO PROJECT SPECIFICATIONS, CONNECTICUT DOT BRIDGE DESIGN MANUAL, CONNECTICUT DOT STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES (FORM 818), AND AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, LATEST EDITION.
- CONTRACTOR SHALL VERIFY AND COORDINATE DIMENSIONS RELATED TO THIS PROJECT.
- ALL ELEVATIONS ARE BASED ON NAVD 88.
- EXISTING BRIDGE PLAN, ELEVATIONS, AND SECTIONS ARE BASED ON DRAWINGS ENTITLED: "CONNECTICUT STATE HIGHWAY DEPARTMENT PLAN FOR CONSTRUCTION OF BRIDGE & APPROACHES - EAST ALBERT STREET OVER THE NAUGATUCK RIVER"
- CONTRACTOR TO SUBMIT CONSTRUCTION PLAN TO TIGHE & BOND FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION. REFER TO SPECIFICATION SECTION 02651-1.4.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING ACCESS TO BRIDGE TO PERFORM REPAIRS. SUBMIT CALCULATIONS STAMPED BY A LICENSED PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF CONNECTICUT, FOR ANY TEMPORARY SUPPORT PLATFORMS TO BE SUPPORTED BY THE BRIDGE DURING THE COURSE OF WORK.
- EXCAVATION FOR PIPE INSTALLATION SHALL BE MADE TO THE DEPTH AND LINES SHOWN ON THE PLANS OR ESTABLISHED BY THE ENGINEER.

**STRUCTURAL STEEL NOTES**

- STRUCTURAL STEEL SHALL BE NEW STEEL CONFORMING TO ASTM A709 GRADE 50 UNLESS NOTED OTHERWISE ON DRAWINGS.
- HOLES, CUTS AND OTHER MODIFICATIONS TO THE STRUCTURAL STEEL SHALL NOT BE MADE IN THE FIELD EXCEPT WITH THE SPECIFIC PERMISSION OF THE ENGINEER.
- ALL WORK CONSISTING OF SURFACE PREPARATION AND PAINTING OF ALL STEEL SHALL COMPLY WITH THE REQUIREMENTS OF PROJECT SPECIFICATIONS AND CTDOT STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD TOUCH-UP PAINTING OF EXISTING GIRDER WEBS AFTER THE STEEL ERECTION.
- STRUCTURAL STEEL FRAMING SHALL BE TRUE AND PLUMB BEFORE CONNECTIONS ARE FINALLY BOLTED.
- THREADED RODS, NUTS, AND WASHERS SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123. EACH COMPONENT SHALL MEET THE ASTM STANDARDS OUTLINED IN THE PROJECT SPECIFICATIONS. A NUT AND FLAT WASHER SHALL BE FURNISHED WITH EACH BOLT. WASHER TO BE PROVIDED UNDER THE TURNED ELEMENT.

**EXISTING CONDITIONS NOTES**

- THE CONTRACTOR SHALL DETERMINE AND ESTABLISH ALL DIMENSIONS AND DETAILS NECESSARY FOR THE COMPLETION OF ALL WORK BY FIELD MEASUREMENT AND SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADEQUACY AND ACCURACY THERE OF, AND SHALL NOT ORDER ANY MATERIAL OR COMMENCE ANY FABRICATION UNTIL THE CONTRACTOR HAS MADE THE REQUIRED MEASUREMENTS OF THE STRUCTURE, AND THE EXTENT OF THE PROPOSED WORK HAS BEEN APPROVED BY THE ENGINEER.
- EXISTING STRUCTURE; EAST ALBERT STREET OVER NAUGATUCK RIVER, BRIDGE NO. 03975.

**DI PIPE NOTES**

- PIPE TO BE 12" PRE-INSULATED, CLASS 350, TR-FLEX DUCTILE IRON PIPE.
- UPON COMPLETION OF PIPE INSTALLATION, FULLY EXTEND PIPE JOINTS TO ALLOW FOR NORMAL THERMAL MOVEMENT OF PIPE.

**LEGEND**

DESCRIPTION	EXISTING	PROPOSED
PROPERTY LINE	---	---
PROPERTY LINE (ADJACENT)	---	---
ROW	---	---
EASEMENT LINE	---	---
TAKING LINE	---	---
BASE LINE	---	---
ZONING DELINEATION LINE	---	---
BUILDING	---	---
BUILDING OVERHANG	---	---
BUILDING HATCH/ TEXT	---	---
BUILDING (ADJACENT)	---	---
ADJACENT BUILDING/ LAND OWNER	---	---
SURVEY BENCHMARK	---	---
CURB	---	---
EDGE OF PAVEMENT	---	---
DIRT ROAD	---	---
SIDEWALK	---	---
TRAFFIC PAINT LINE	---	---
RETAINING WALL	---	---
STONE WALL	---	---
CHAIN LINK FENCE	---	---
FENCE LINE	---	---
WOOD POST FENCE	---	---
GUIDERAIL	---	---
METAL BEAM RAIL	---	---
HEDGE	---	---
TREES	---	---
CULVERT STRUCTURE	---	---
STORM DRAIN TEXT	---	---
STORM DRAIN STRUCTURES	---	---
STORM DRAIN UNDERGROUND	---	---
STORM DRAIN (SINGLE LINE, RLS, ETC)	---	---
SANITARY SEWER UNDERGROUND	---	---
SANITARY SEWER (SHORT SEGMENT)	---	---
SANITARY SEWER UNDERGROUND MULTILINE	---	---
SANITARY SEWER FORCE MAIN	---	---
SANITARY SEWER LOW PRESSURE	---	---
SANITARY SEWER STRUCTURES	---	---
SANITARY SEWER TEXT	---	---
COMBINATION SEWER	---	---
PUBLIC WATER TEXT	---	---
PUBLIC WATER STRUCTURE	---	---
UNDERGROUND WATER LINE	---	---
UNDERGROUND PUBLIC WATER LINE	---	---
UTILITY POLE	---	---
GAS STRUCTURE	---	---
UNDERGROUND GAS LINE	---	---
GAS LINE (SHORT SEGMENT)	---	---
SPOT ELEVATIONS	---	---
INDEX CONTOURS	---	---
INTERMEDIATE CONTOURS	---	---
VEGETATED WETLAND LIMIT	---	---
WETLANDS WATERCOURSE	---	---
WETLANDS HATCH	---	---
EROSION & SEDIMENT CONTROLS - HAYBALES AND SILT FENCE	---	---
ACCESS ROAD	---	---
TIMBER MATTING	---	---
10" COUPLING	---	---
10" PLUG	---	---
10" x 12" REDUCER	---	---
WATER LINE ABANDONMENT	---	---
SILT SACK	---	---
45 DEGREE BEND	---	---

**ABBREVIATIONS**

ABDN(D)	ABANDON(ED)
AC	ASBESTOS CEMENT PIPE
BC	BITUMINOUS CURB
BFP	BACK FLOW PREVENTOR
BIT	BITUMINOUS
BL	BASELINE
BLDG	BUILDING
BND	BOUND
BOC	BOTTOM OF CURB
BOT	BOTTOM
BS	BOTTOM OF STEP
BW	BOTTOM OF WALL
CATV	CABLE TELEVISION
CB	CATCH BASIN
CEM	CEMENT
CI	CAST IRON PIPE
CL	CENTERLINE
CLF	CHAIN LINK FENCE
CO	CLEAN OUT
CONC	CONCRETE
CPP	CORRUGATED POLYETHYLENE PIPE
CY	CUBIC YARD
DH	DRILL HOLE
DI	DUCTILE IRON PIPE
DIA	DIAMETER
DMH	DRAIN MANHOLE
E	EAST
EG	EXISTING GRADE
EL/ELEV	ELEVATION
ELEC	ELECTRIC
EMH	ELECTRIC MANHOLE
EOP	EDGE OF PAVEMENT
EW	EACH WAY
EXIST	EXISTING
FES	FLARED END SECTION
FF	FINISH FLOOR
FM	FORCE MAIN
G	GAS
GG	GAS GATE
GRAN	GRANITE
HC	HANDICAP
HDPE	HIGH DENSITY POLYETHYLENE
HMA	HOT MIX ASPHALT
HYD	HYDRANT
IN	INCHES
INV	INVERT
IP	IRON PIN
L	LENGTH OF CURB
LP	LIGHT POLE
LT	LEFT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MON	MONUMENT
MJ	MECHANICAL JOINT
N	NORTH
NTS	NOT TO SCALE
N/A	NOT APPLICABLE
OC	ON CENTER
OCS	OUTLET CONTROL STRUCTURE
OH	OVERHEAD
PB	PLANT BED
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PCPP	PERFORATED CORRUGATED POLYETHYLENE PIPE
PERF	PERFORATED
PI	POINT OF INTERSECTION
PRC	POINT OF REVERSE CURVATURE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PVC	POLYVINYLCHLORIDE
PVMT	PAVEMENT
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
ROW	RIGHT OF WAY
RT	RIGHT
S	SOUTH
SAN	SANITARY
SCH	SCHEDULE
SF	SQUARE FOOT
SMH	SEWER MANHOLE
SS	STAINLESS STEEL
STA	STATION
STL	STEEL
STRM	STORM
T	TANGENT LENGTH
TC	TOP OF CURB
TEL	TEL-DATA
TP	TEST PIT
TS	TOP OF STEP
TW	TOP OF WALL
TYP	TYPICAL
UP	UTILITY POLE
W	WATER
WG	WATER GATE
WV	WATER VALVE

**60% DESIGN**

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**East Albert Street Bridge Crossing**

Torrington Water Company

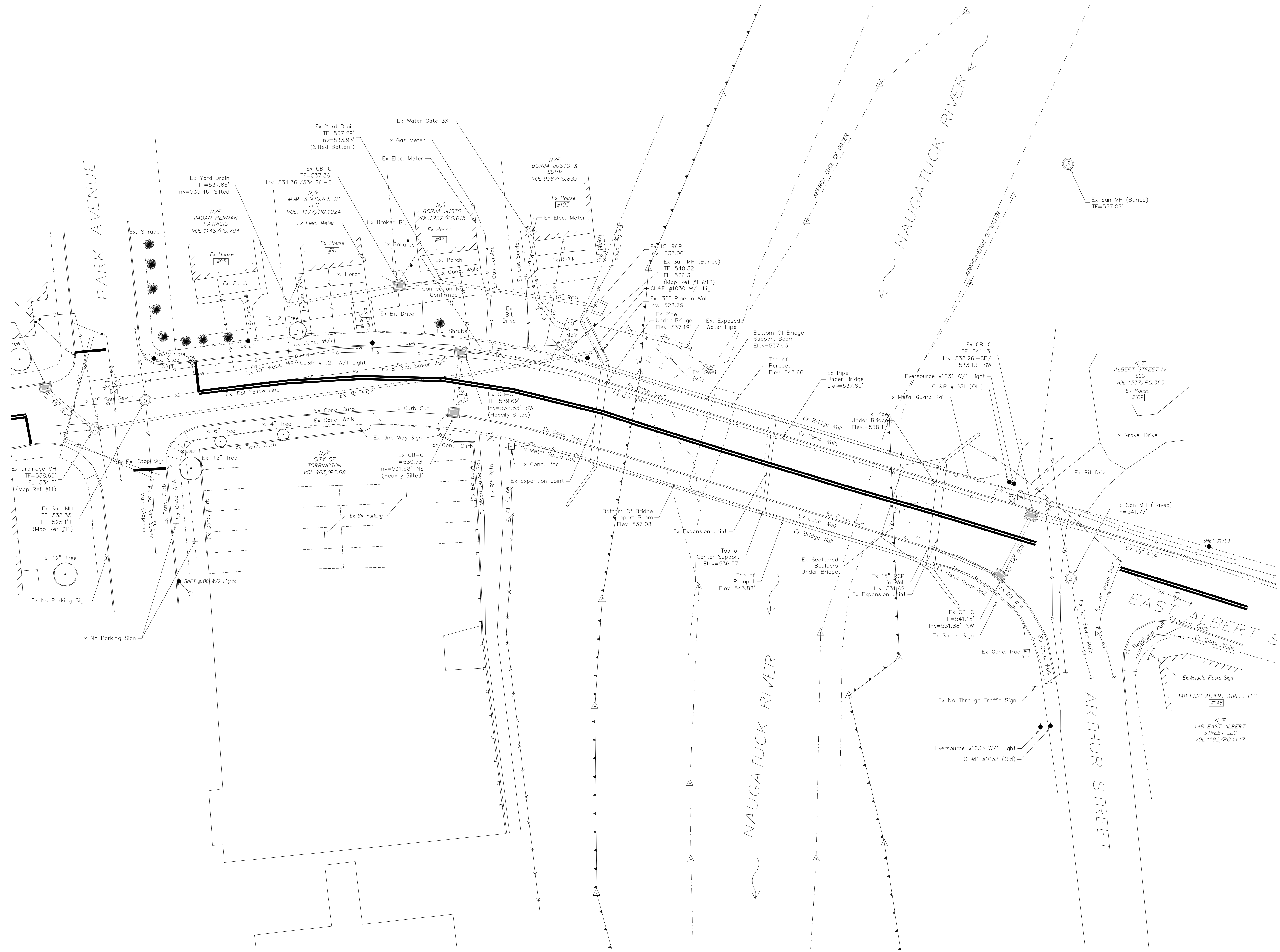
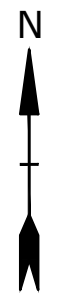
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DATE:	08/05/2022	
FILE:	T0254-036_G003.dwg	
DRAWN BY:	AI	
DESIGNED/CHECKED BY:	DFV	
APPROVED BY:	PBG	

**BRIDGE NOTES, ABBREVIATIONS, AND LEGEND**

SCALE: NO SCALE

**G-003**  
SHEET 3 OF 14



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East Albert Street Bridge Crossing

Torrington Water Company

Torrington, CT

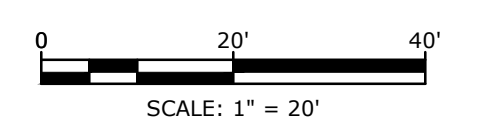
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DATE:	08/05/2022	
FILE:	T0254-036_C-101.dwg	
DRAWN BY:	AI	
DESIGNED/CHECKED BY:	DFV	
APPROVED BY:	PBG	

EXISTING CONDITIONS PLAN

SCALE: 1" = 20'

C-101  
SHEET 4 OF 14

Last Saved: 8/30/2022  
 Plotted On: Aug 30, 2022 11:39am By: Atsuk  
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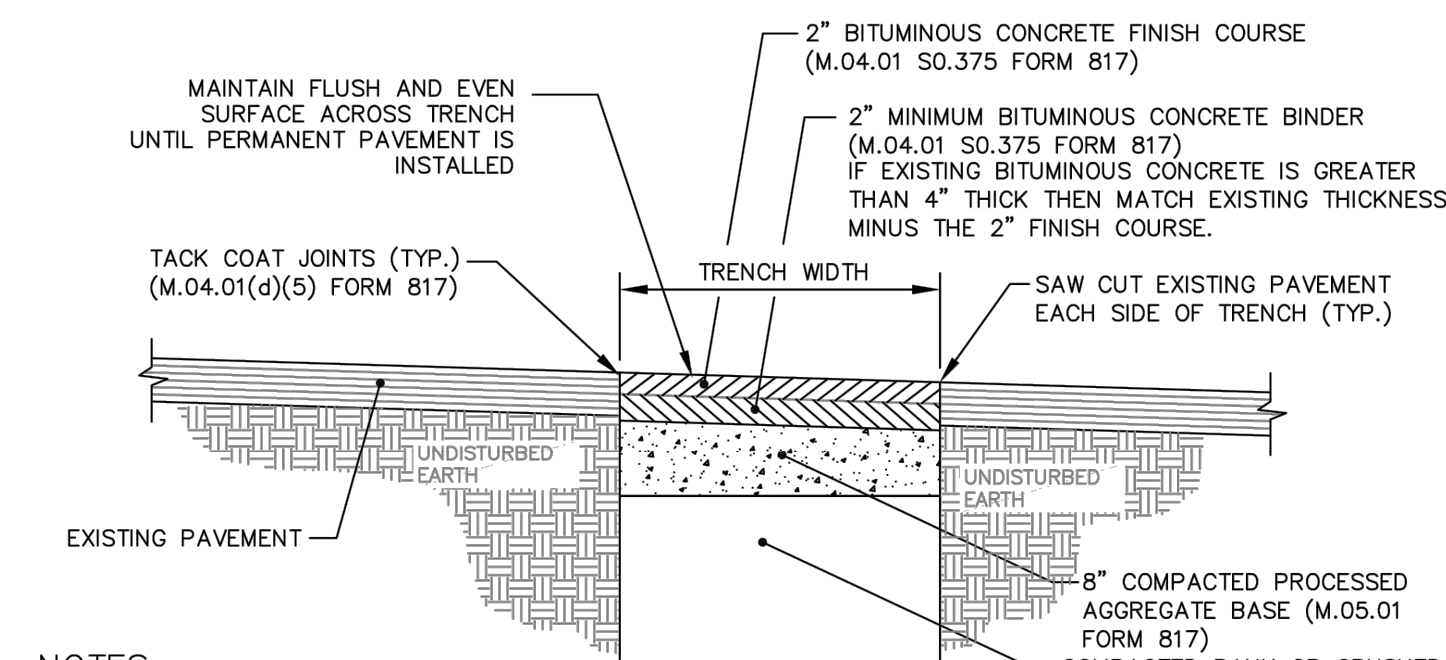






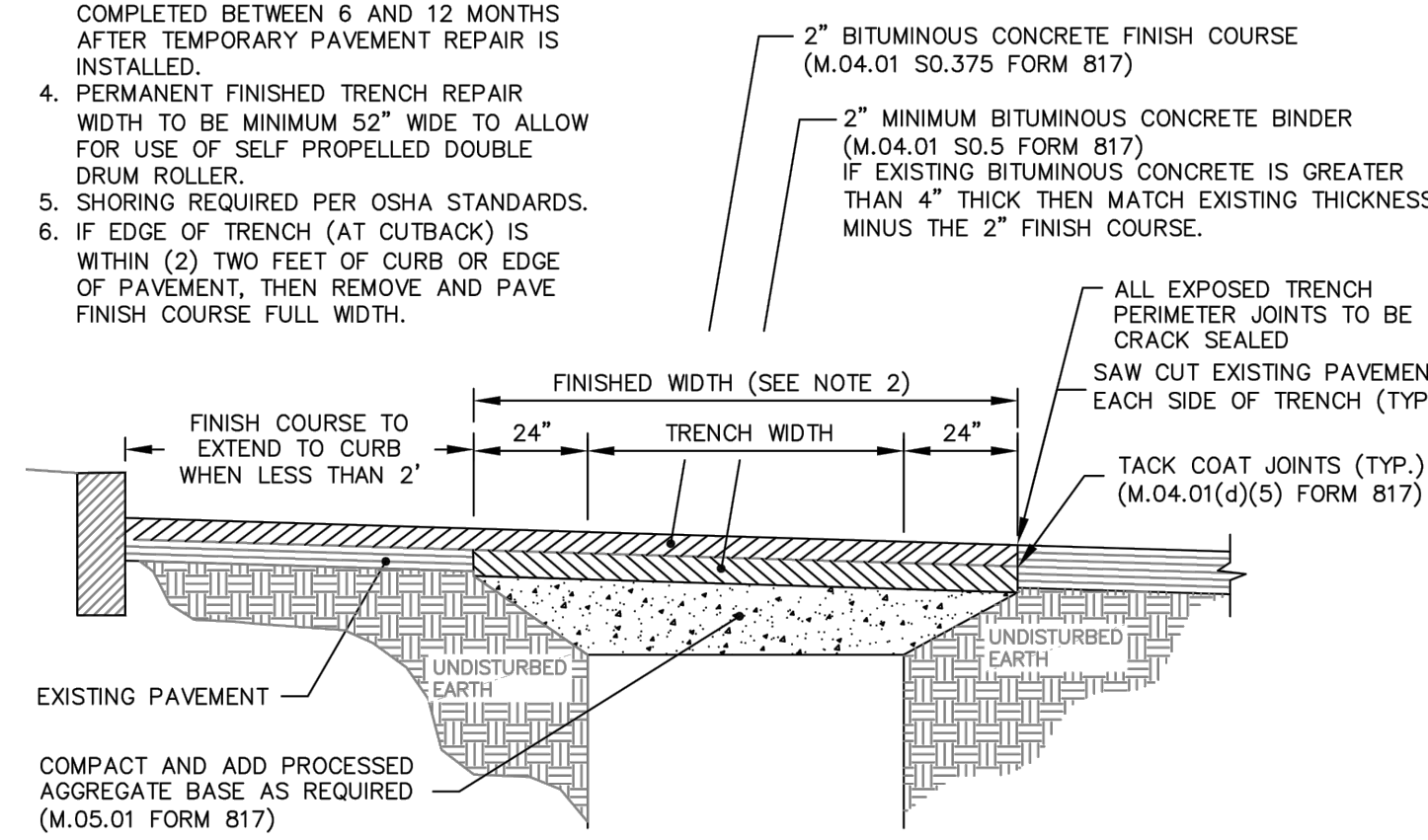






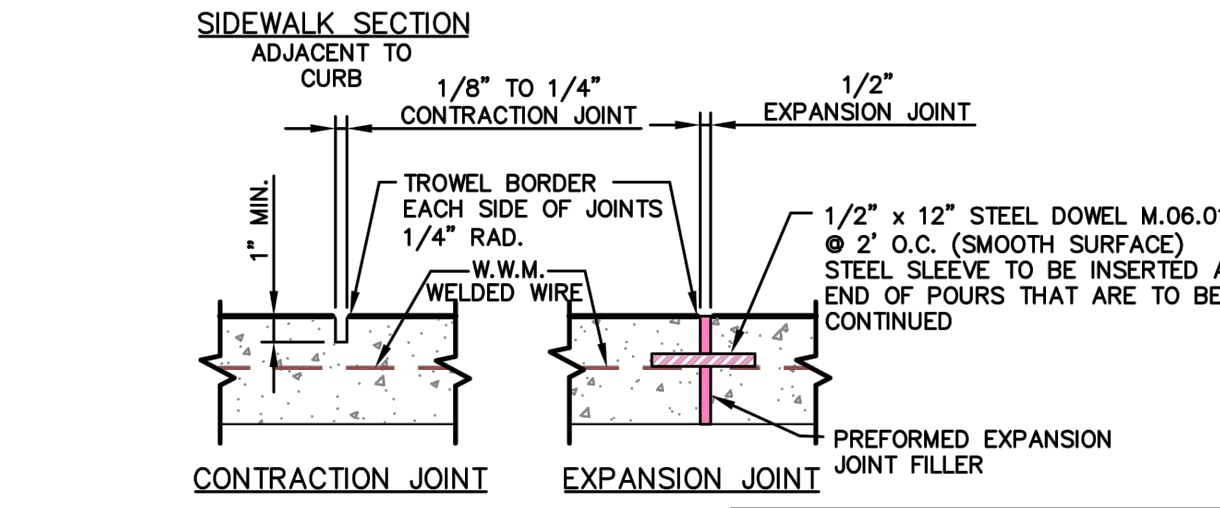
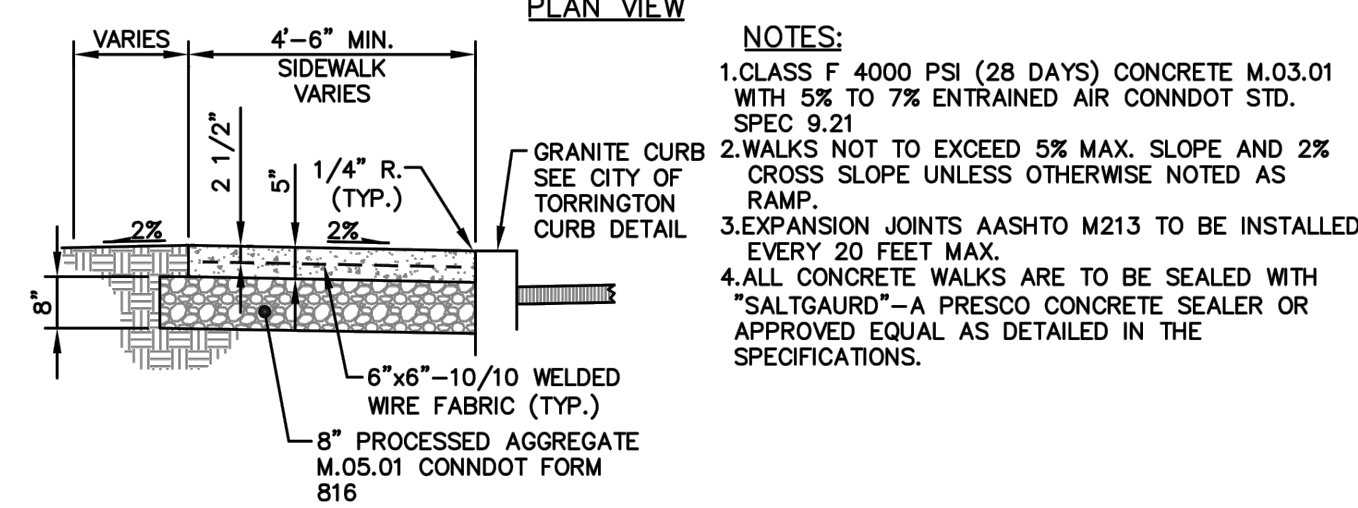
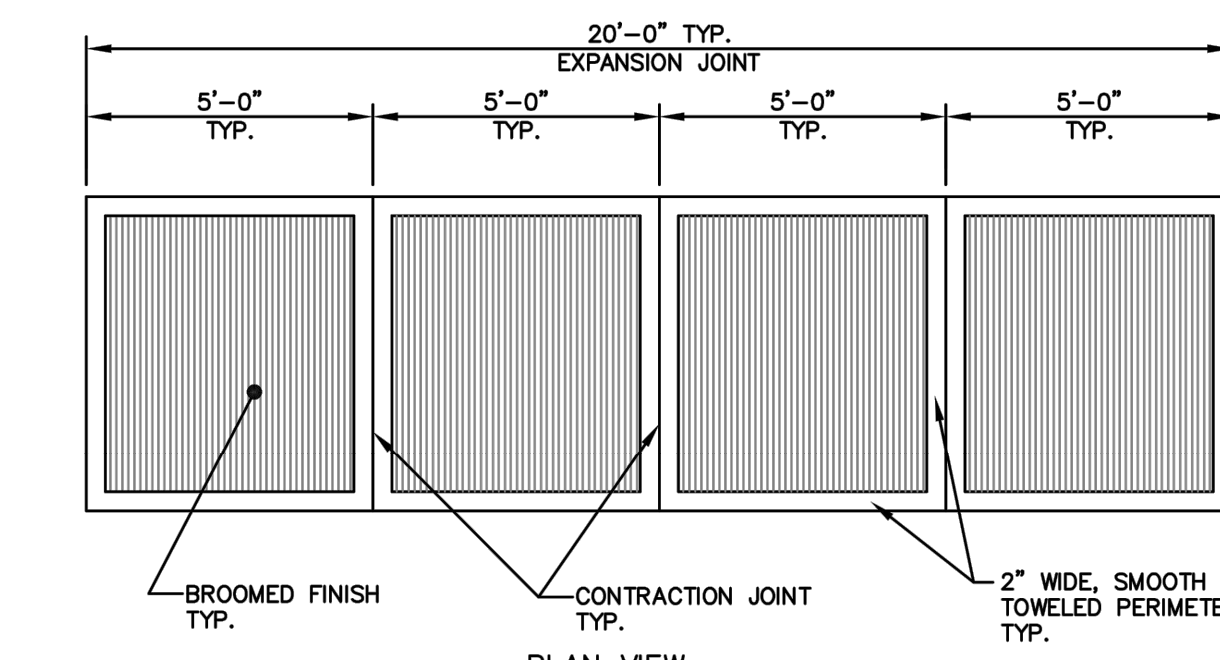
- NOTES:**
1. THESE SECTION DETAILS APPLY TO PERPENDICULAR AND LONGITUDINAL TRENCH CUTS FOR ALL ROADS WITH PCI RATING OF 72 OR LESS
  2. FOR ROADS WITH PCI OF 73-100 SEE DETAIL SECTION 1.41
  3. PERMANENT PAVEMENT REPAIR SHALL BE COMPLETED BETWEEN 6 AND 12 MONTHS AFTER TEMPORARY PAVEMENT REPAIR IS INSTALLED.
  4. PERMANENT FINISHED TRENCH REPAIR WIDTH TO BE MINIMUM 52" WIDE TO ALLOW FOR USE OF SELF PROPELLED DOUBLE DRUM ROLLER.
  5. SHORING REQUIRED PER OSHA STANDARDS.
  6. IF EDGE OF TRENCH (AT CUTBACK) IS WITHIN (2) TWO FEET OF CURB OR EDGE OF PAVEMENT, THEN REMOVE AND PAVE FINISH COURSE FULL WIDTH.

**SECTION 1.4 TEMPORARY**  
NO SCALE



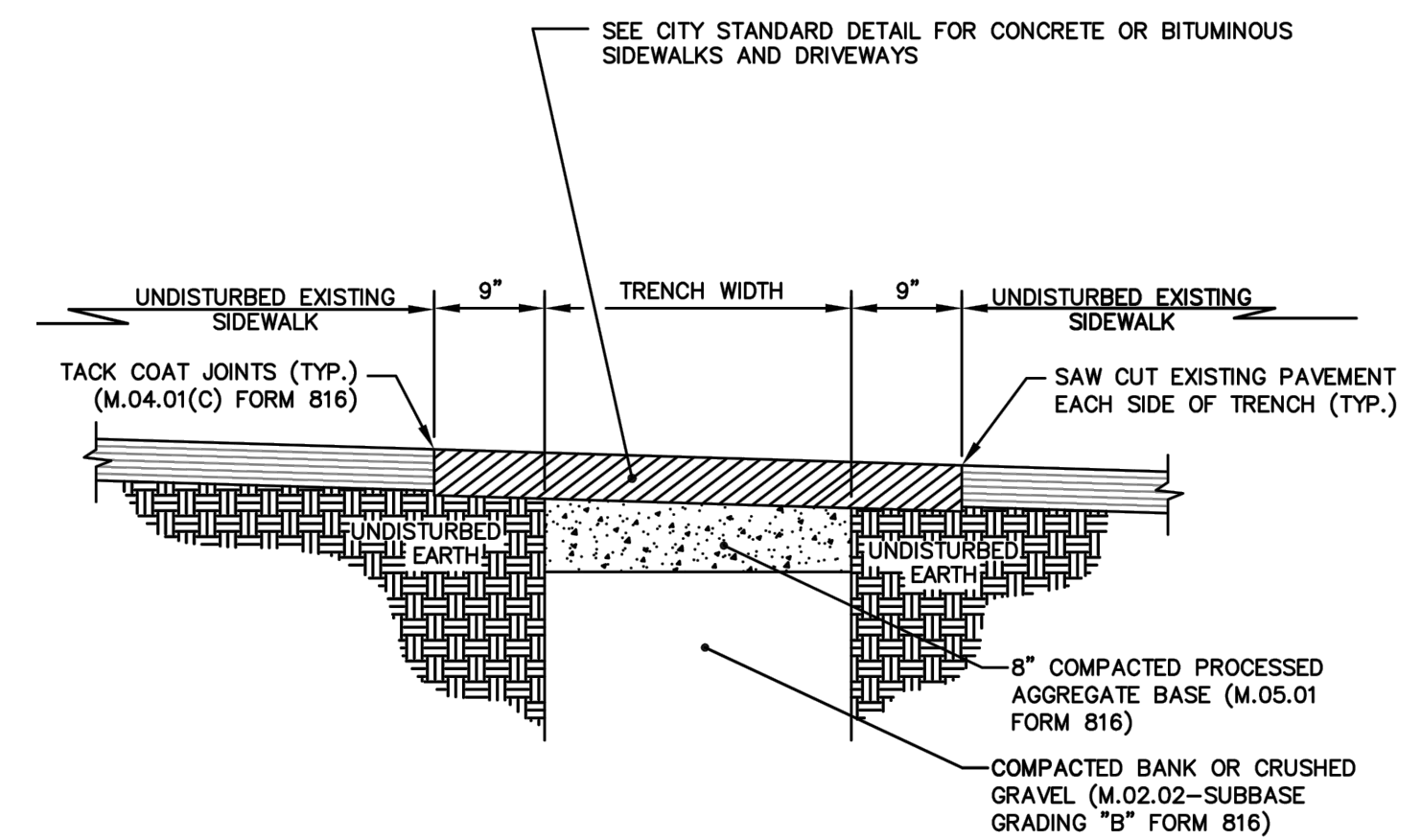
**SECTION 1.5 PERMANENT**  
NO SCALE

Approved 3/2021	CITY OF TORRINGTON Engineering Department
Date 4/2000	PAVEMENT REPAIR FOR TRENCH CUTS
Revision 4/2021	SECTION 1.4 & 1.5



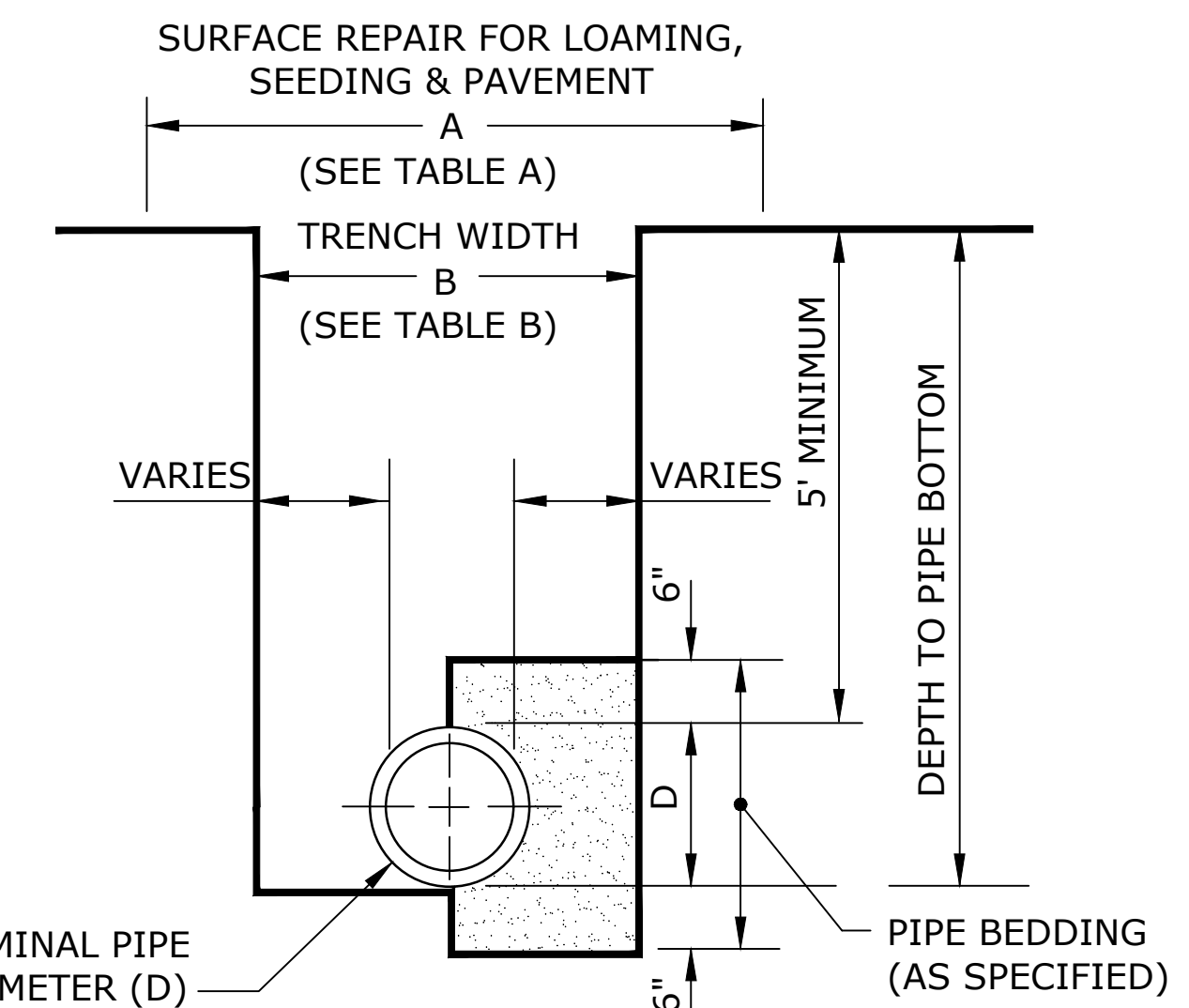
SCALE N.T.S.	CITY OF TORRINGTON Engineering Department
APPROVED	CONCRETE SIDEWALK
RY. DATE AUG. 2008 JAN. 2010 AUG. 2011	

**SECTION 2.2**



**SECTION 2.5**

SCALE N.T.S.	CITY OF TORRINGTON Engineering Department
APPROVED	SIDEWALK TRENCH REPAIR
RY. DATE JAN. 2002 AUG. 2011	



**TYPICAL TRENCH SECTION**  
NO SCALE

TABLE A - MAXIMUM SURFACE REPAIR PAY WIDTHS (SEE NOTE)	
NOMINAL PIPE DIAMETER 0 - 24"	
PAVEMENT TEMPORARY 6'-6" MAX.	LOAMING & SEEDING 8'-6" MAX.
PERMANENT 8'-6" MAX.	
TABLE B - MAXIMUM TRENCH EXCAVATION PAY WIDTHS (SEE NOTE)	
NOMINAL PIPE DIAMETER 0 - 24"	
5'-0"	

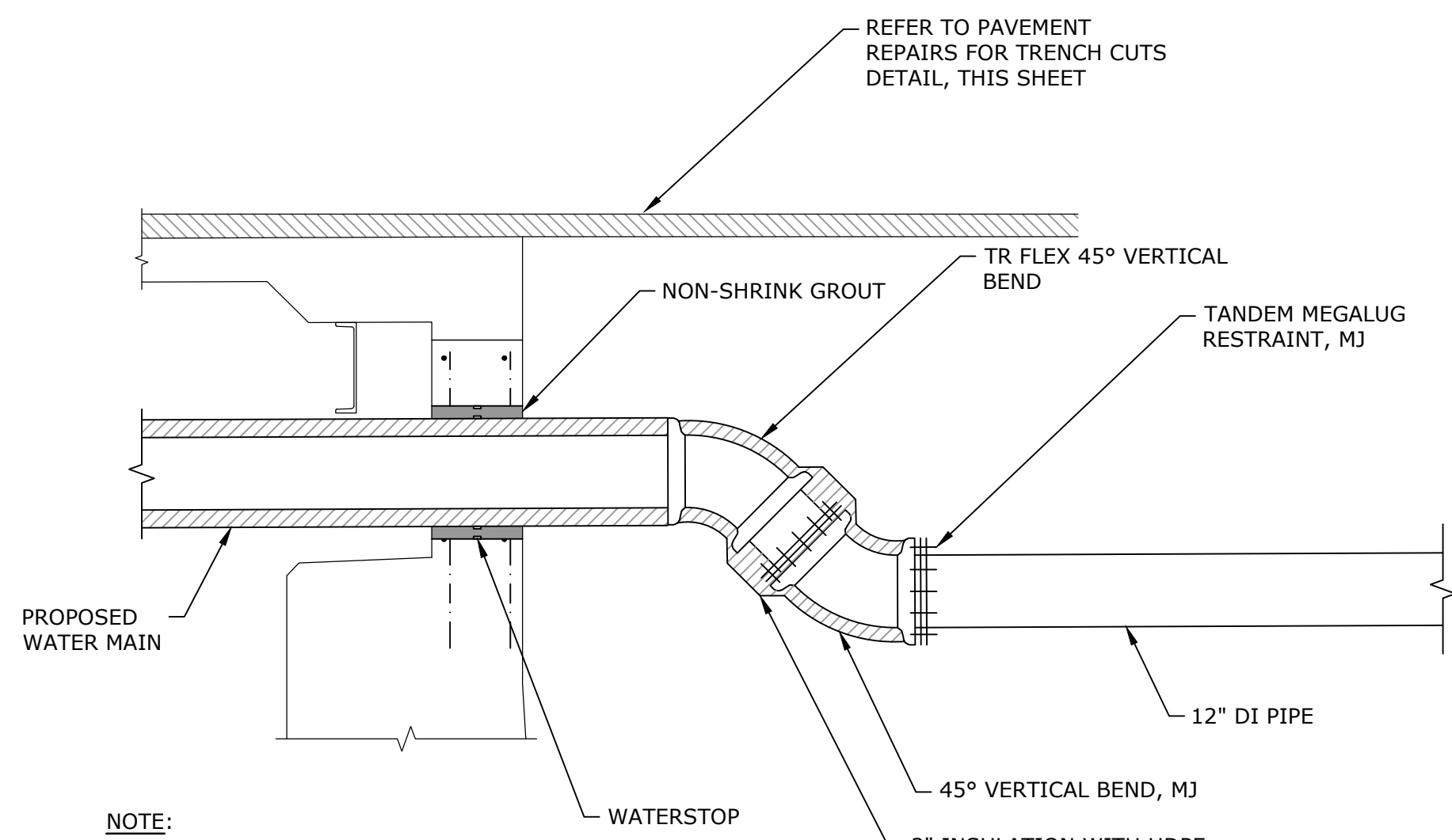
- NOTES:**
1. THE PAYLINE DIMENSIONS SHOWN REPRESENT THE MAXIMUM PAYLINE LIMITS TO BE PAID. WHEN THE ACTUAL SURFACE REPAIR OR TRENCH WIDTH IS LESS, THE ACTUAL WIDTH SHALL BE PAID FOR AT THE APPLICABLE UNIT PRICE.

**TRENCH PAYLINES**  
NO SCALE

SIZE (IN.)	FITTING	MINIMUM RESTRAINED LENGTH, FT.	POLYWRAPPED MINIMUM RESTRAINED LENGTH, FT.
12"	45° BEND	15	18
12"	22 1/2° BEND	8	9
12"	45° VERTICAL DOWN BEND	32	45
12"	45° VERTICAL UP BEND	15	18
	12"x10" REDUCER	12'=23; 10'=27	12'=32; 6'=39
10"	TEE	43	61
10"	45° BEND	13	15

- NOTES:**
1. MINIMUM RESTRAINED LENGTH BASED ON DIPRA, RESTRAINED LENGTH CALCULATOR, LATEST EDITION.
  2. THE FOLLOWING CONDITIONS APPLY:  
SOIL TYPE: SAND SILT  
MAX. PRESSURE: 150 psi  
TRENCH TYPE 3  
BURIED DEPTH: 4.5'
  3. TABLE SUBJECT TO RECALCULATIONS BASED ON OBSERVED FIELD CONDITIONS.

**MINIMUM RESTRAINED LENGTH FOR DI PIPE**  
NO SCALE



**NOTE:**  
THIS TYPICAL SECTION APPLIES TO BOTH SIDES OF THE BRIDGE CROSSING

**TYPICAL SECTION OF WATER MAIN AT END OF BRIDGE CROSSING**  
NO SCALE

**60% DESIGN**

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**East Albert Street Bridge Crossing**

Torrington Water Company

Torrington, CT

MARK	DATE	DESCRIPTION
PROJECT NO:	T0254-036	
DATE:	08/05/2022	
FILE:	T0254-036_C201.dwg	
DRAWN BY:	AI	
DESIGNED/CHECKED BY:	DFV	
APPROVED BY:	PBG	

**WATER MAIN DETAILS 2**

SCALE: AS SHOWN

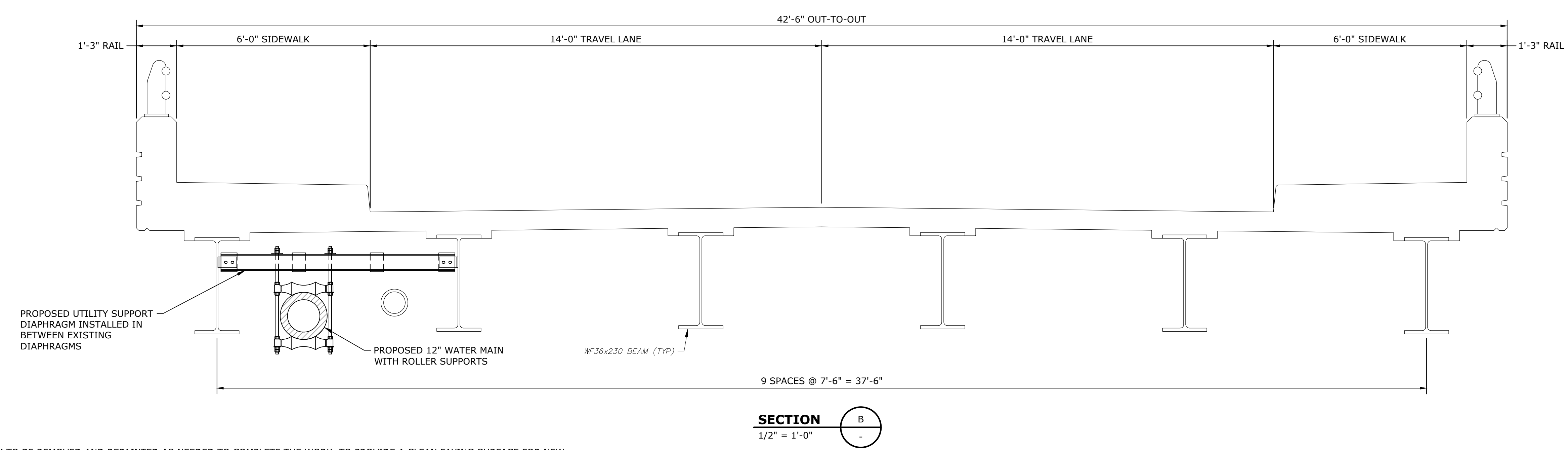
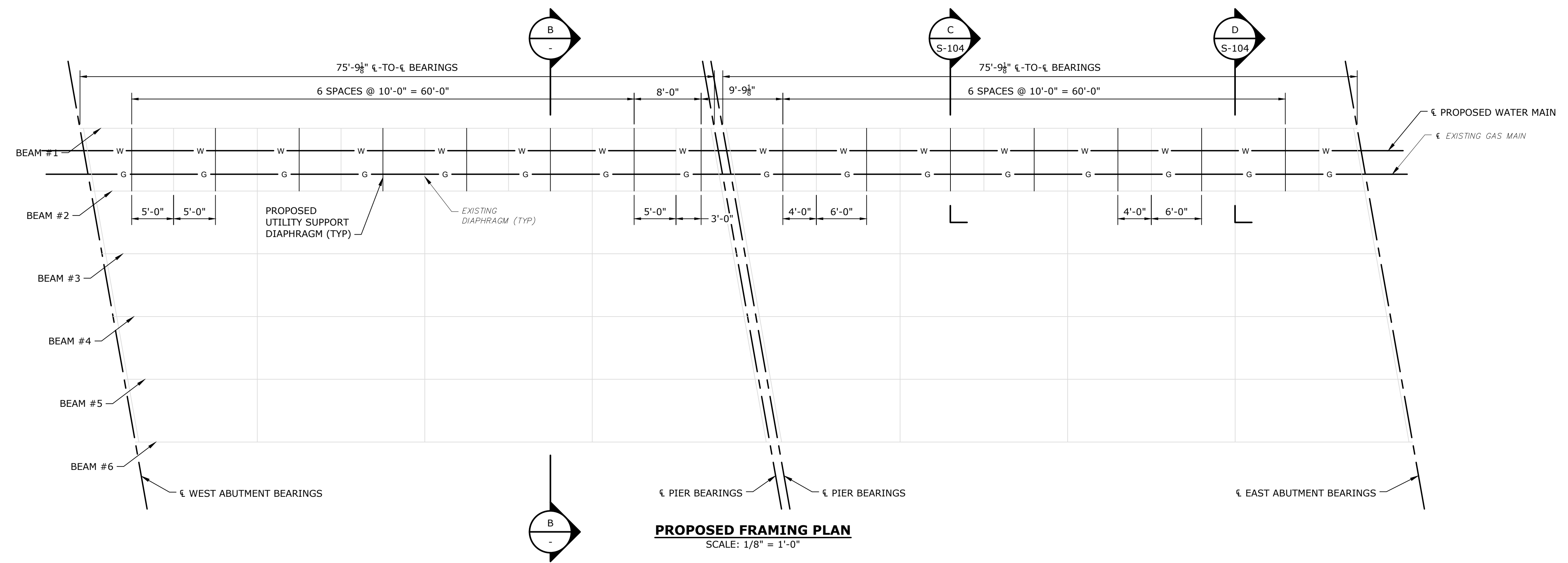
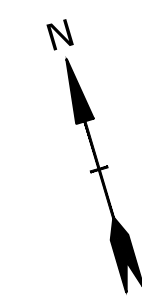












**NOTES:**

- EXISTING PAINT SYSTEM TO BE REMOVED AND REPAINTED AS NEEDED TO COMPLETE THE WORK, TO PROVIDE A CLEAN FAYING SURFACE FOR NEW CONNECTIONS, AND TO PROVIDE A RESTORED PROTECTIVE SYSTEM AND EXISTING STEEL.
- EXISTING COATINGS TO BE IMPACTED BY THIS WORK ARE ASSUMED TO CONTAIN TOXIC METALS. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE HAZARDS ASSOCIATED WITH EXISTING MATERIALS AND COMPLYING WITH ALL APPLICABLE REGULATIONS, INCLUDING CTDOT REQUIREMENTS FOR THE REMOVAL OF HAZARDOUS MATERIALS.
- THE CONTRACTOR SHALL SUBMIT THE RESULTS OF ALL TESTING PERFORMED ON EXISTING MATERIALS. THE CONTRACTOR SHALL ALSO SUBMIT A WORK PLAN FOR THE REMOVAL OF THE EXISTING COATINGS DETAILING THE REMOVAL METHODOLOGY, WASTE CONTROL/COLLECTION AND DISPOSABLE METHODS. THIS PLAN SHALL BE IN ACCORDANCE WITH APPLICABLE STEEL STRUCTURES PAINTING COUNCIL (SSPC) GUIDANCE DOCUMENTS.
- AT NO TIME SHALL THE UTILITY SUPPORTS BE SUPPORTED BY ANY LESS THAN 1, 3/4"Ø BOLT AT EACH END OF THE CHANNEL ASSEMBLY.
- REFER TO WATER MAIN PLAN FOR EXISTING WATER MAIN DEMOLITION SEQUENCE.
- UTILITY SUPPORT LOCATIONS SHOWN ARE BASED ON DESIGN DRAWINGS AND A PIPE LENGTH OF 20'.
- ELEVATION OF PIPE SET BY SUPPORTS RELATIVE TO EXISTING STRUCTURE. DIMENSIONS TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO FABRICATION OF SUPPORTS AND INSTALLATION OF PIPE.
- REFER TO SHEET G-003 FOR STRUCTURAL STEEL AND PIPE NOTES.

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**East Albert Street Bridge Crossing**

Torrington Water Company

Torrington, CT

MARK	DATE	DESCRIPTION

PROJECT NO:	T0254-036
DATE:	08/05/2022
FILE:	T0254-036_S-100.dwg
DRAWN BY:	AvC
DESIGNED/CHECKED BY:	AML
APPROVED BY:	PBG

**PROPOSED BRIDGE FRAMING PLAN AND SECTION**

SCALE: AS SHOWN

**S-103**  
SHEET 12 OF 14

Last Saved: 8/24/2022 8:27:24 AM  
 Plotted On: Aug 24, 2022 6:32pm By: Avon Campe  
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**East Albert Street Bridge Crossing**

Torrington Water Company

Torrington, CT

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DATE:	08/05/2022	
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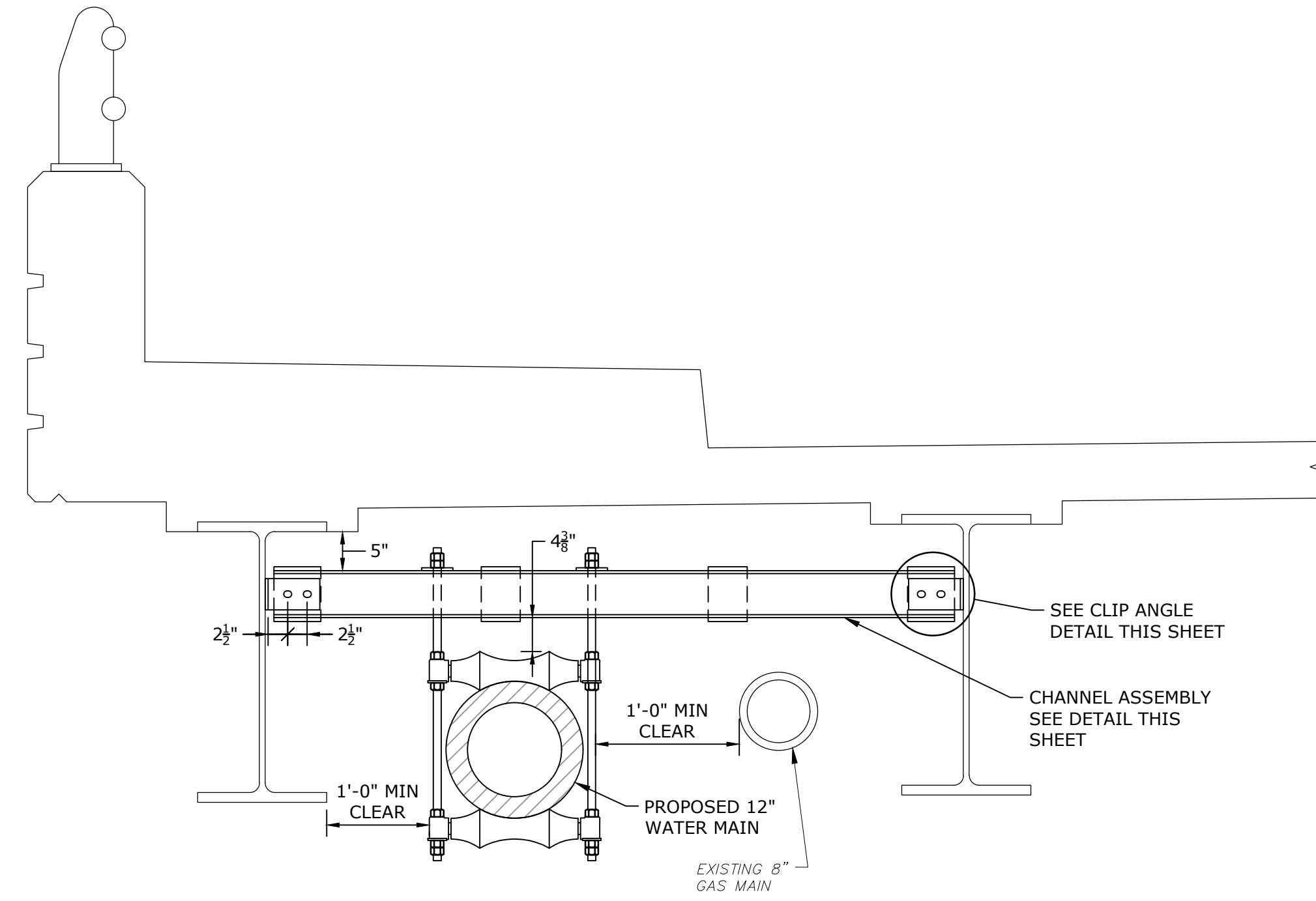
**BRIDGE DETAILS**

SCALE: AS SHOWN

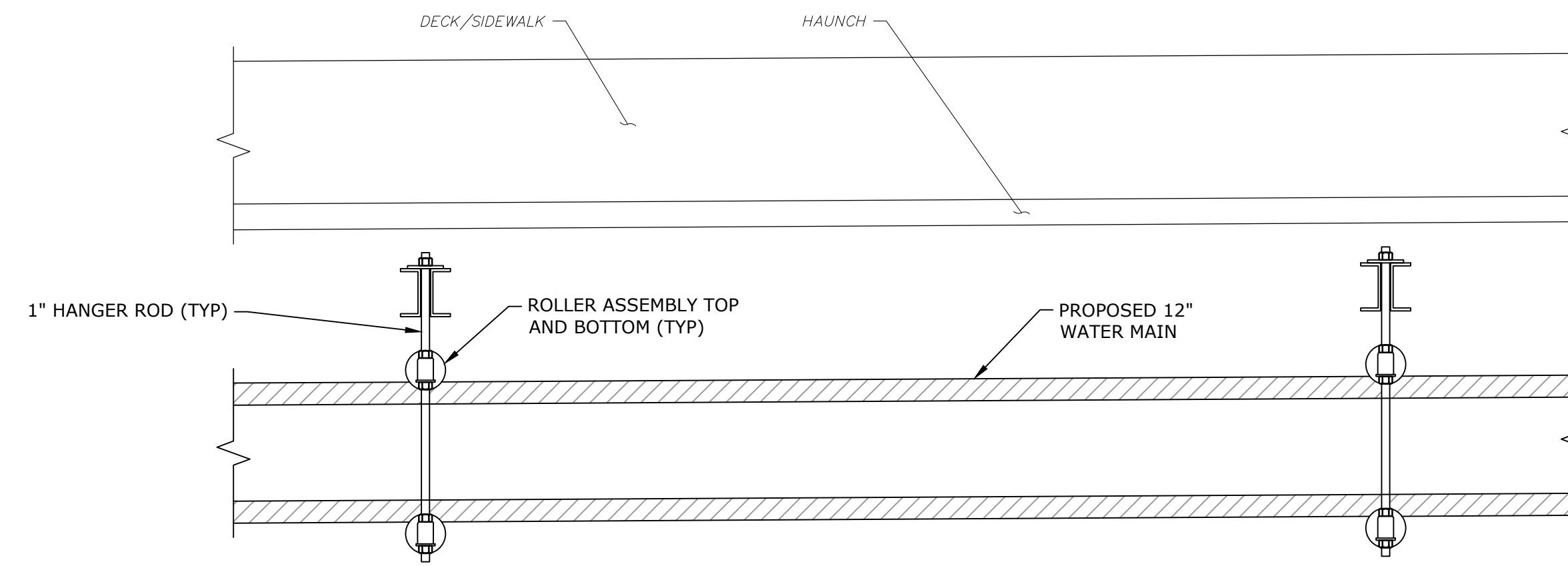
**S-104**  
SHEET 13 OF 14

**NOTES:**

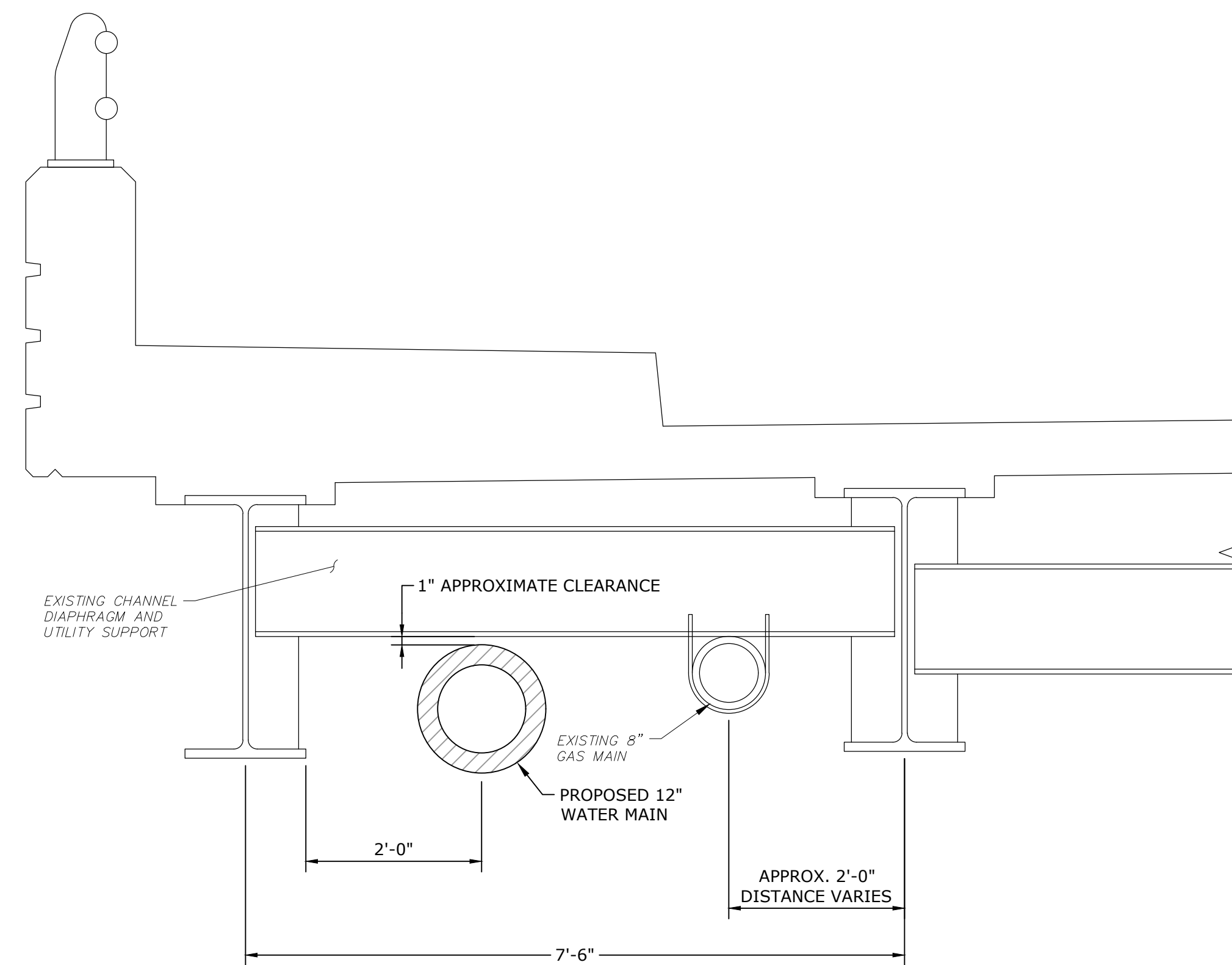
1. CHANNEL ASSEMBLY TO BE SET LEVEL.
2. UTILITY SUPPORT ROLLERS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS TO ALLOW FOR INDEPENDENT THERMAL MOVEMENT BETWEEN BRIDGE AND DI PIPE.
3. FILL PLATES AND BOLT HOLES THROUGH TOP PLATES ARE SIZED FOR 1" DIAMETER THREADED RODS FOR UTILITY HANGERS. IF RODS DIFFER IN SIZE, CONTRACTOR TO MAKE CHANGES AS NECESSARY AT NO ADDITIONAL COST TO THE OWNER.
4. THE SURFACE OF THE EXISTING GIRDERS WHERE UTILITY SUPPORTS ARE TO BE CONNECTED SHALL BE PREPPED TO BE FREE OF SCALE (EXCEPT TIGHT MILL SCALE) AND FREE OF DIRT OR OTHER FOREIGN MATERIAL. ANY BURRS CAUSED BY DRILLING OF GIRDER WEBS SHALL BE REMOVED PRIOR TO SEATING OF UTILITY SUPPORTS.
5. TOUCH UP PAINT ALL AREAS OF EXISTING STEEL MEMBERS IMPACTED BY INSTALLATION OF UTILITY SUPPORTS.
6. MATCH DRILLING OF EXISTING GIRDERS USING ANGLE BRACKETS AS GUIDE IS ALLOWED TO ENSURE PROPER FIT FOR UTILITY SUPPORTS DURING INSTALLATION.



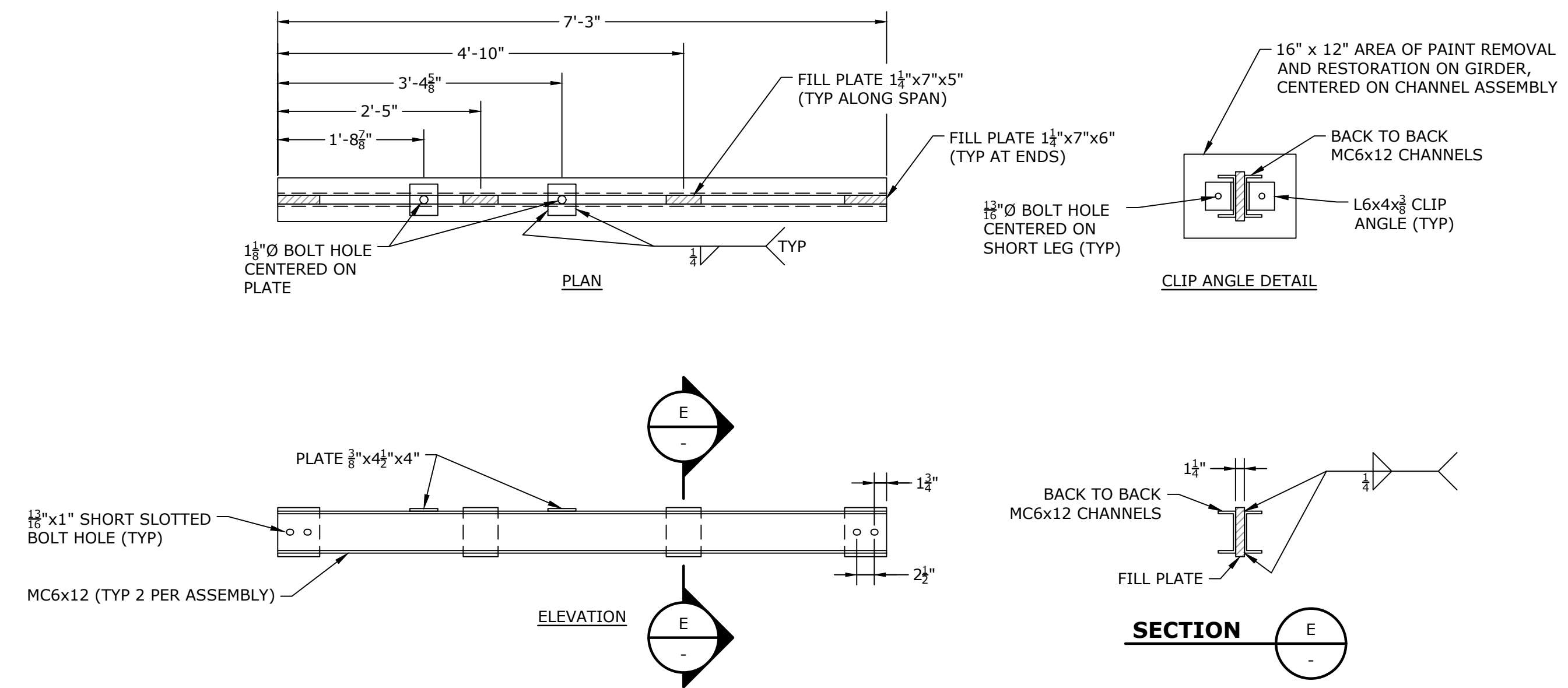
**SECTION C**  
3/4" = 1'-0" S-103



**PROPOSED WATER MAIN SUPPORT ELEVATION**  
SCALE: 3/4" = 1'-0"

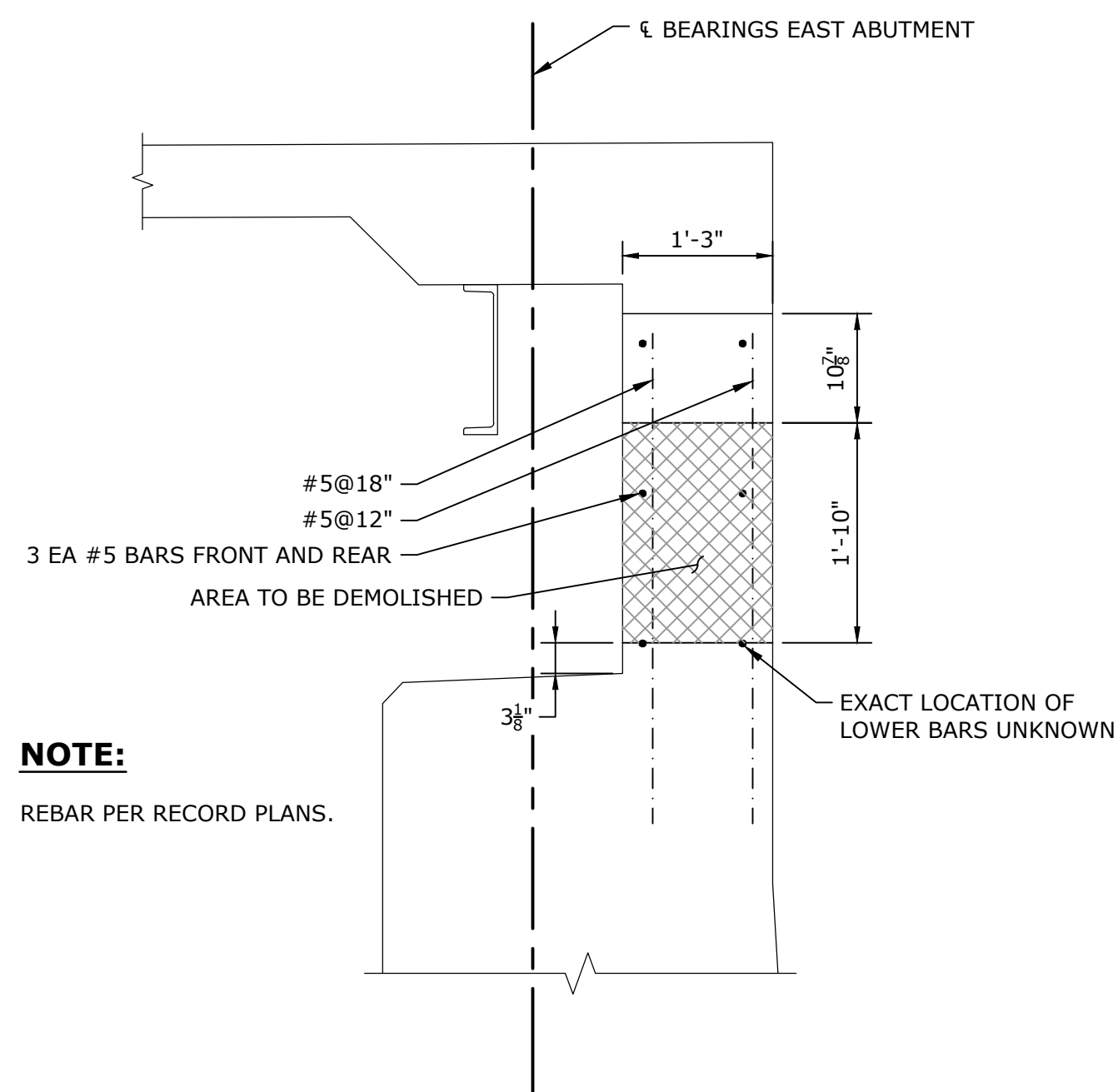


**SECTION D**  
3/4" = 1'-0" S-103



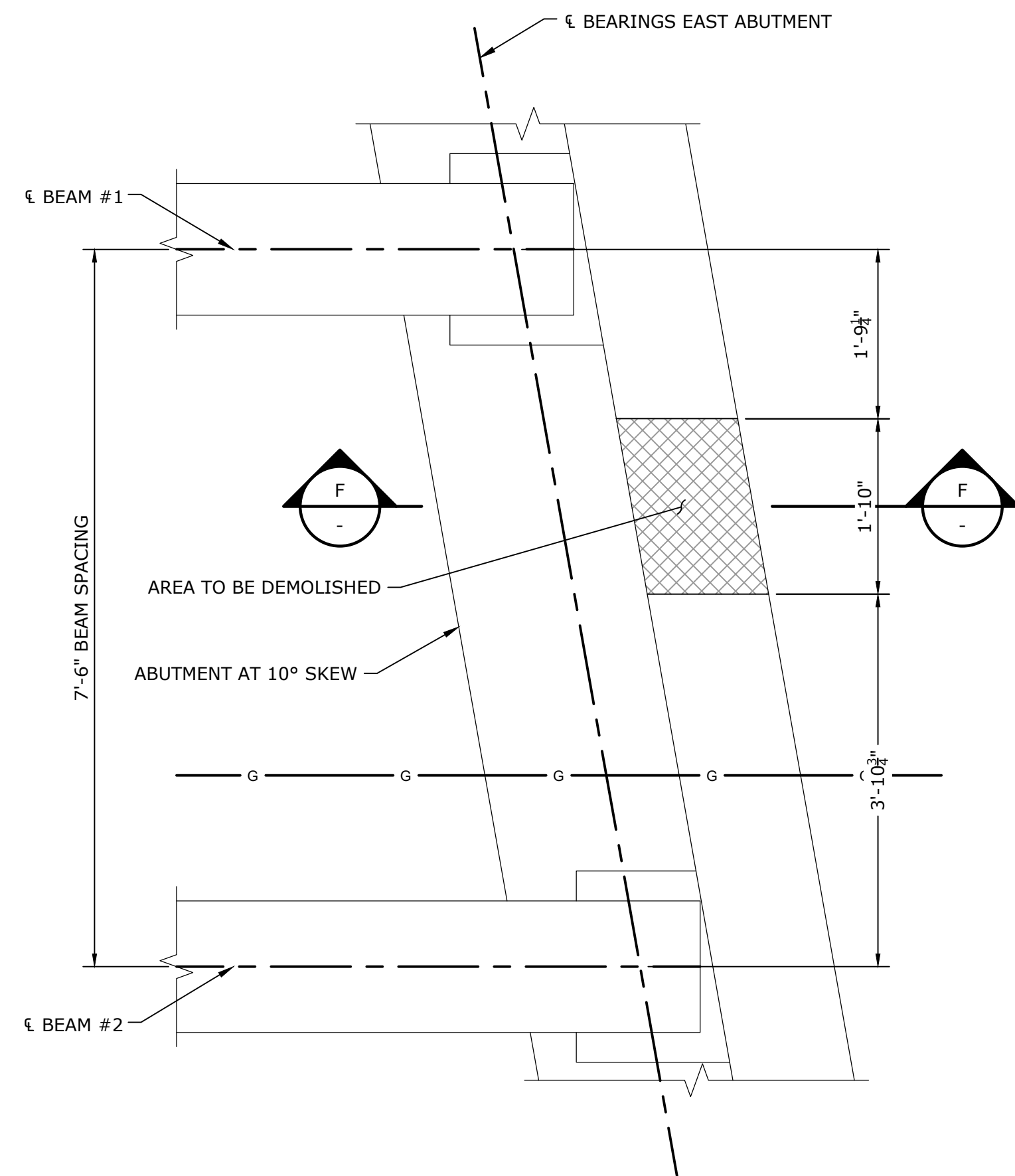
**CHANNEL ASSEMBLY DETAIL**  
SCALE: 3/4" = 1'-0"

Last Saved: 8/24/2022  
 Plotted On: Aug 24, 2022 6:33pm By: Avon Campe  
 Tighe & Bond: I:\T0254 Torrington Water Co\36 - East Albert St Bridge Crossing\Drawings\Figures\AutoCAD\Sheet\T0254-036\_S-100.dwg

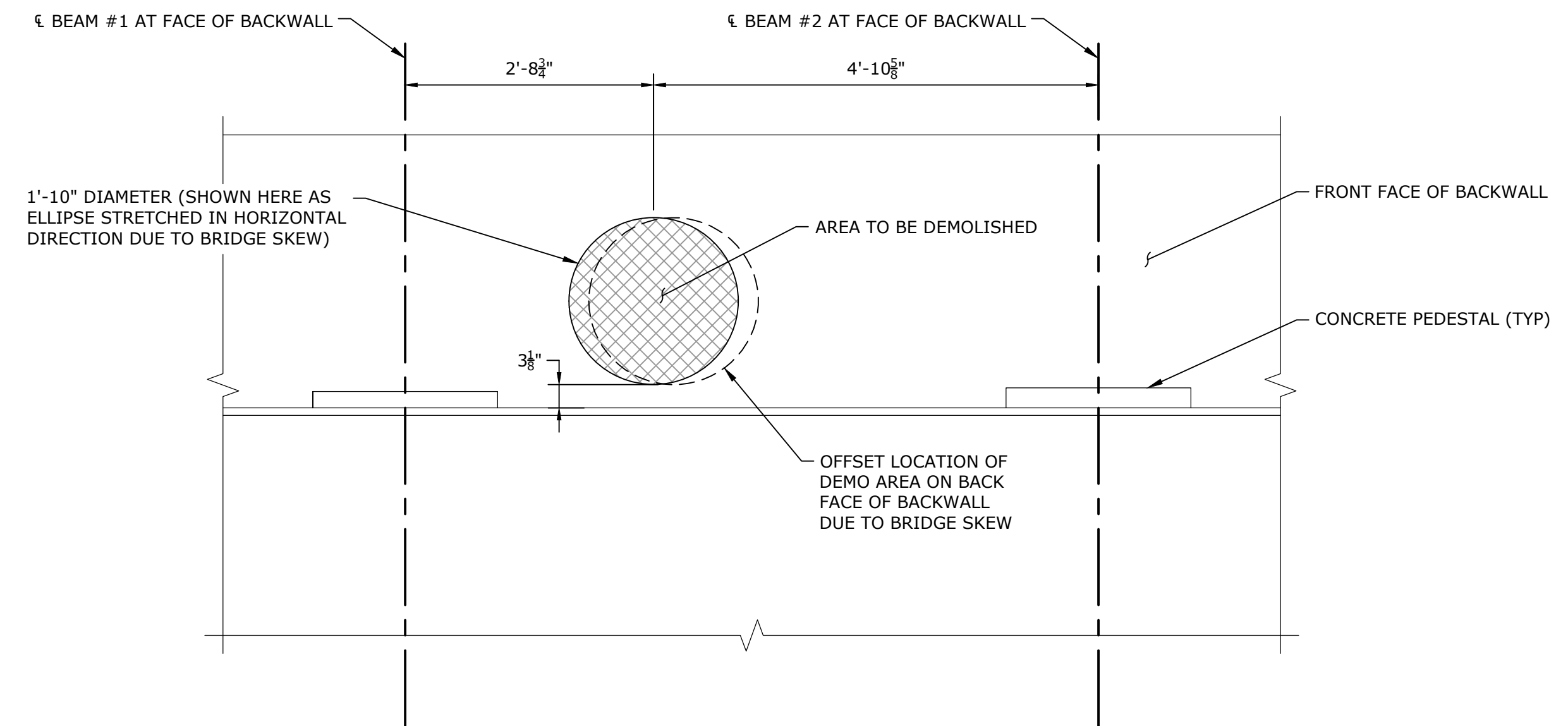


**NOTE:**  
REBAR PER RECORD PLANS.

**SECTION F**  
3/4" = 1'-0"



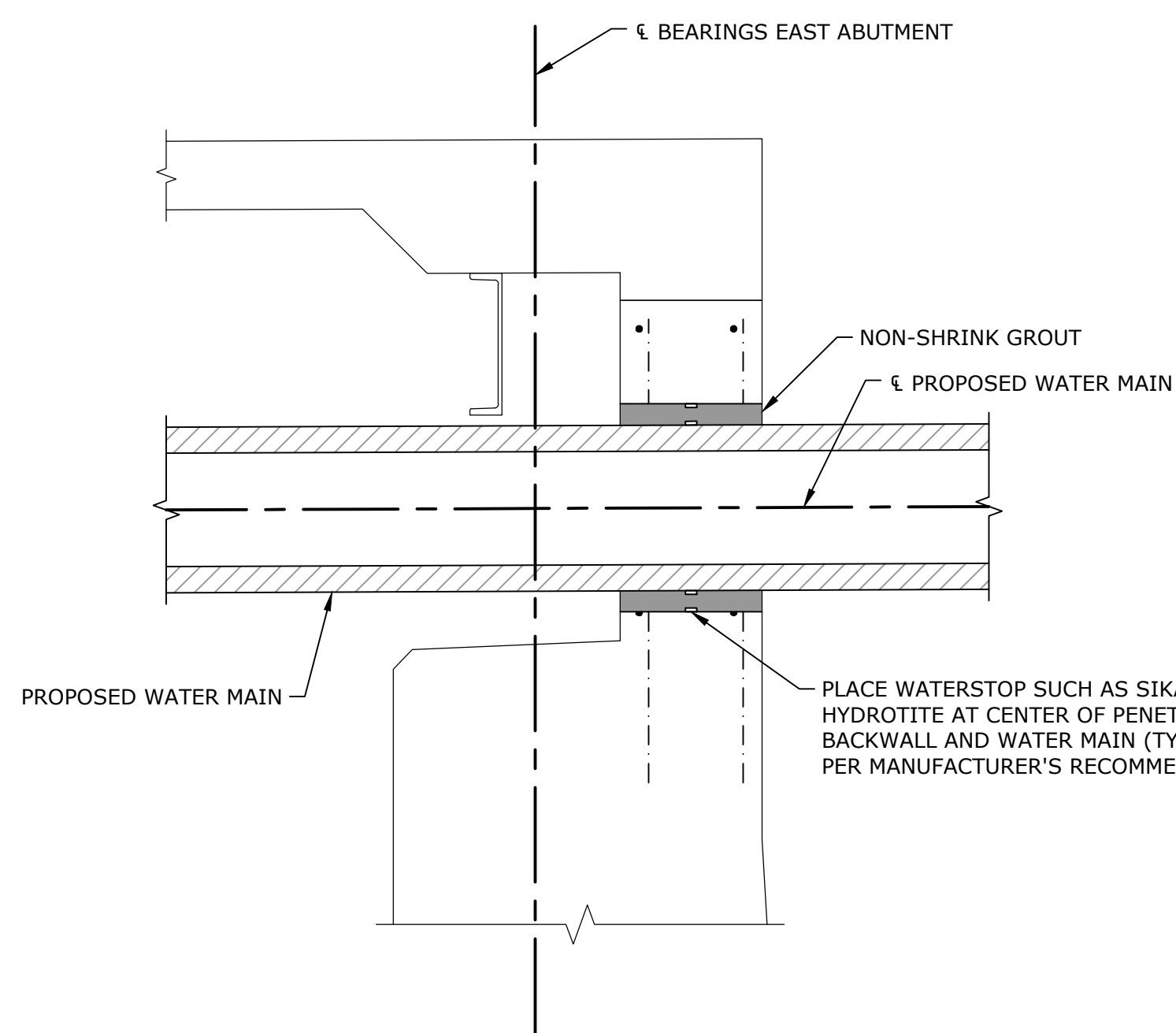
**BACKWALL PENETRATION DEMOLITION PLAN VIEW**  
SCALE: 3/4" = 1'-0"



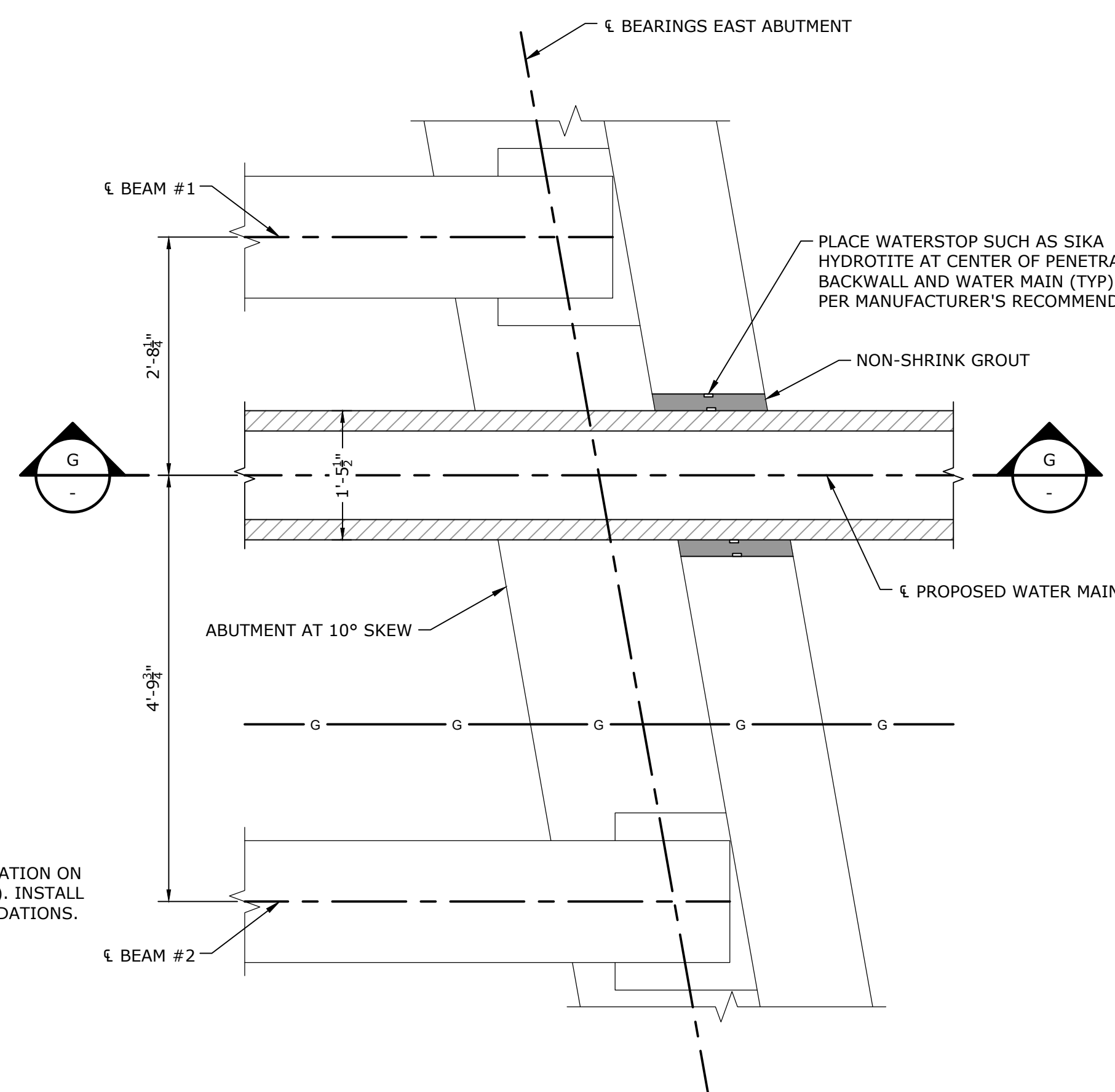
**BACKWALL DEMO ELEVATION (SQUARE TO BACKWALL)**  
SCALE: 3/4" = 1'-0"

**NOTES:**

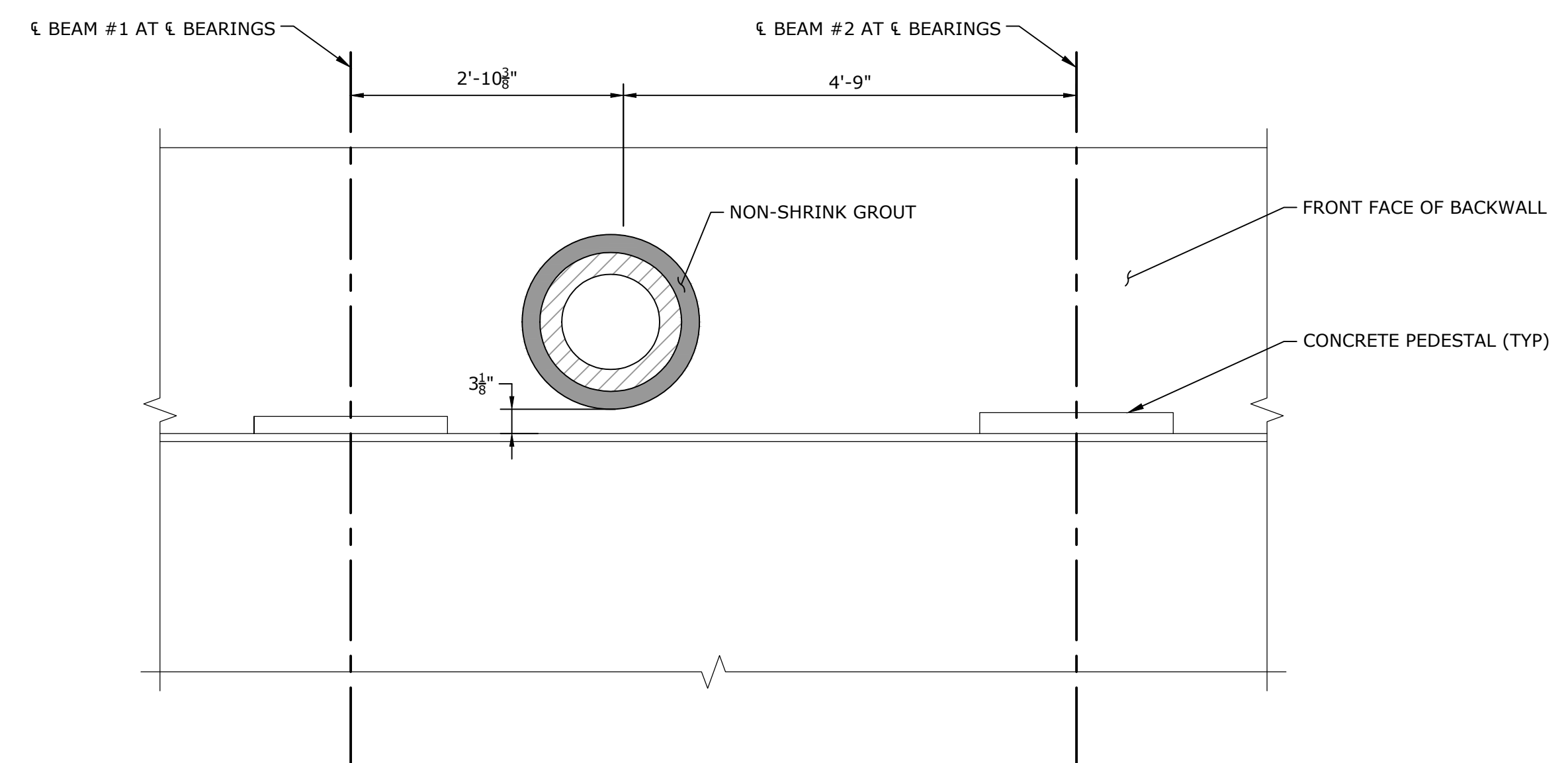
1. POSITION OF BACKWALL PENETRATION IS BASED ON 7'-6" BEAM SPACING BETWEEN BEAM #1 AND #2 AS SHOWN IN THE CONSTRUCTION DRAWINGS FROM 1956. CONTRACTOR TO VERIFY EXISTING DIMENSIONS IN THE FIELD PRIOR TO COMMENCING CONSTRUCTION.
2. CENTERLINE OF GAS MAIN SHOWN IN APPROXIMATE LOCATION. EXACT LOCATION OF GAS MAIN RELATIVE TO GIRDERS VARIES NEAR ABUTMENTS. CONTRACTOR TO VERIFY EXACT LOCATION IN THE FIELD PRIOR TO COMMENCING CONSTRUCTION.



**SECTION G**  
3/4" = 1'-0"



**PROPOSED BACKWALL PENETRATION PLAN VIEW**  
SCALE: 3/4" = 1'-0"



**PROPOSED BACKWALL PENETRATION ELEVATION**  
SCALE: 3/4" = 1'-0"

**60% DESIGN**

THIS DOCUMENT IS INCOMPLETE AND IS RELEASED TEMPORARILY FOR PROGRESS REVIEW ONLY. IT IS NOT INTENDED FOR BIDDING OR CONSTRUCTION PURPOSES.

**East Albert Street Bridge Crossing**

Torrington Water Company

Torrington, CT

MARK	DATE	DESCRIPTION
PROJECT NO:	T0254-036	
DATE:	08/05/2022	
FILE:	T0254-036_S-100.dwg	
DRAWN BY:	AvC	
DESIGNED/CHECKED BY:	AML	
APPROVED BY:	PBG	

**EAST ABUTMENT BACKWALL PENETRATION DETAILS**

SCALE: AS SHOWN

**S-105**  
SHEET 14 OF 14