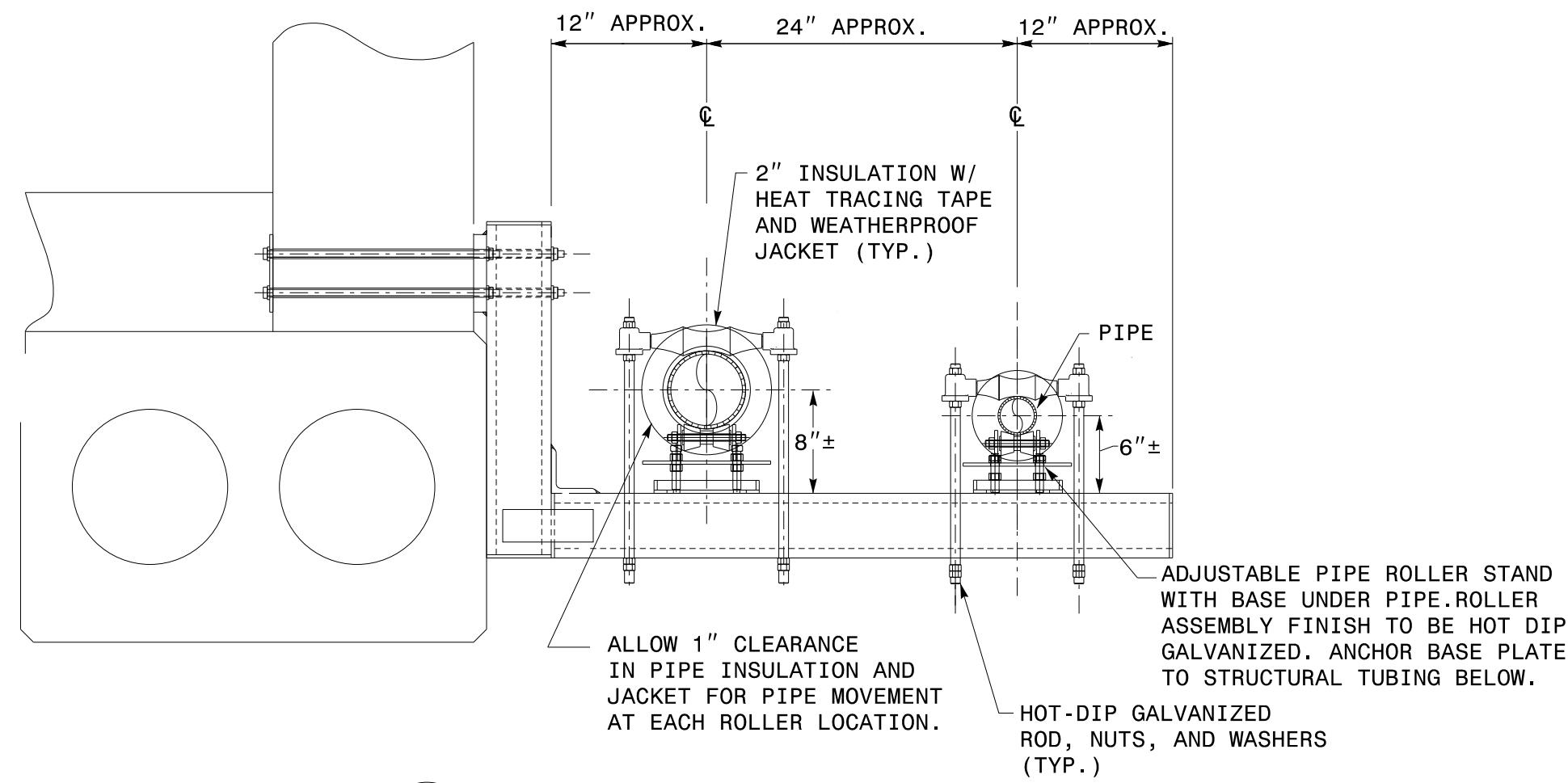




JOHNSON, MIRMIRAN, & THOMPSON, INC.  
1318-F PATTON AVENUE  
Asheville NC, 28806

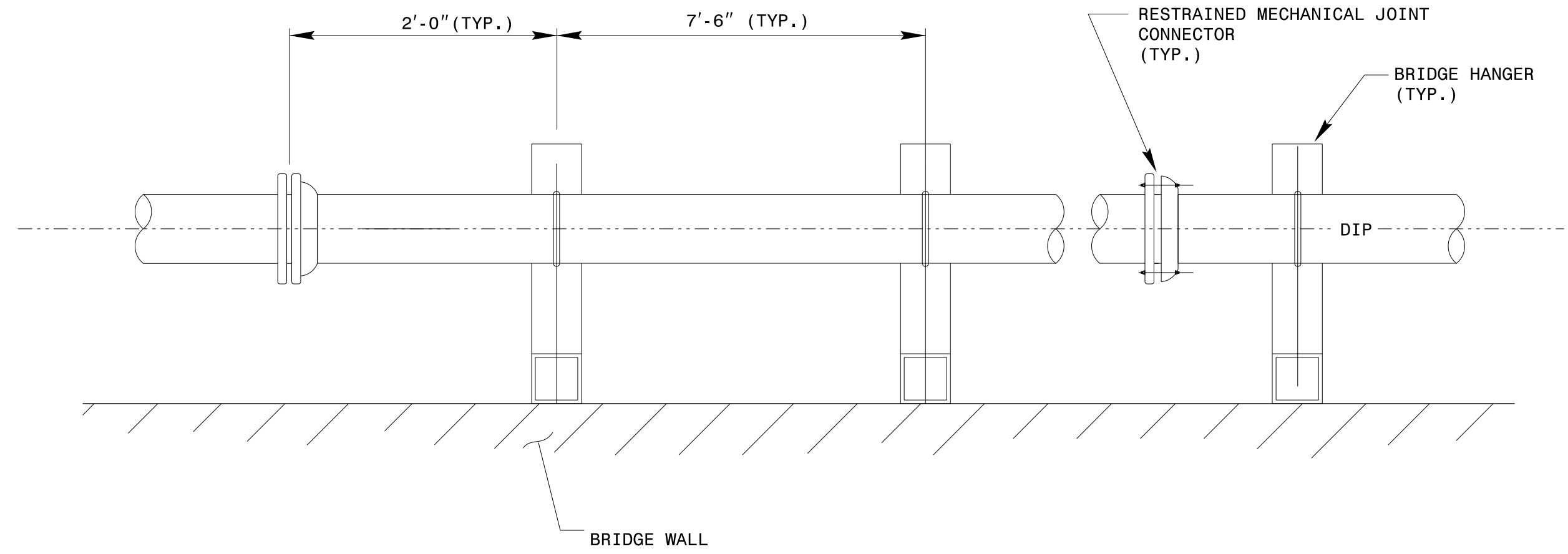
PROJECT REFERENCE NO.	SHEET NO.
14SP.20441.1	UC-3B
DESIGNED BY: DRD	
DRAWN BY: DRD	
CHECKED BY: LAM	
APPROVED BY: RMS	
REVISD: 9/13/18	8/25/2023
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919)250-4128 FAX: (919)250-4119	
UTILITY CONSTRUCTION PLANS ONLY	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

STRUCTURE 430175  
HAYWOOD COUNTY

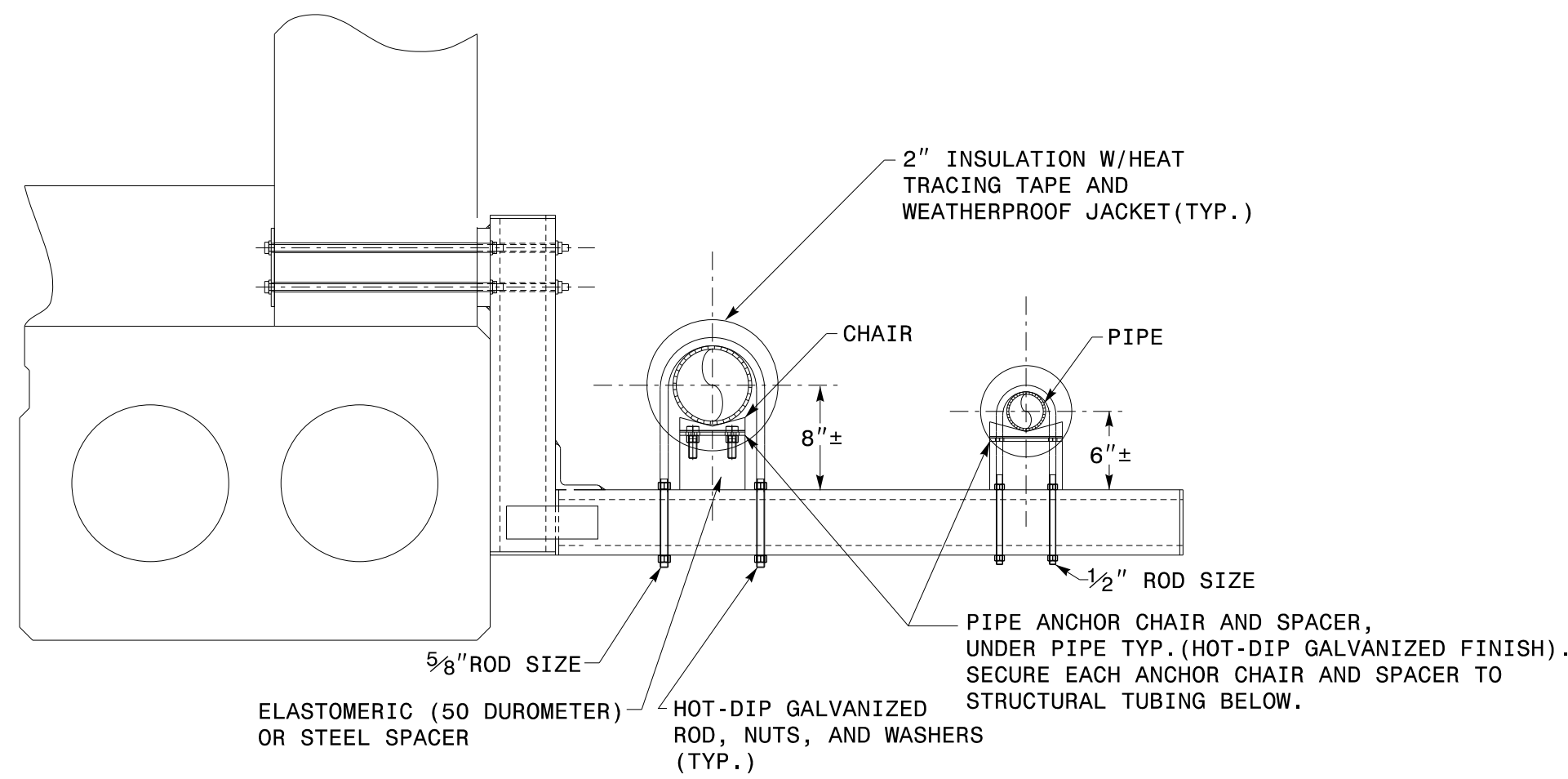


A PIPE ROLLER SUPPORT DETAIL  
UC-3B NTS

REFER TO DETAIL A, SHEET UC-3C, FOR ACTUAL NUMBER AND LOCATION OF SUPPORTS SHOWN HERE

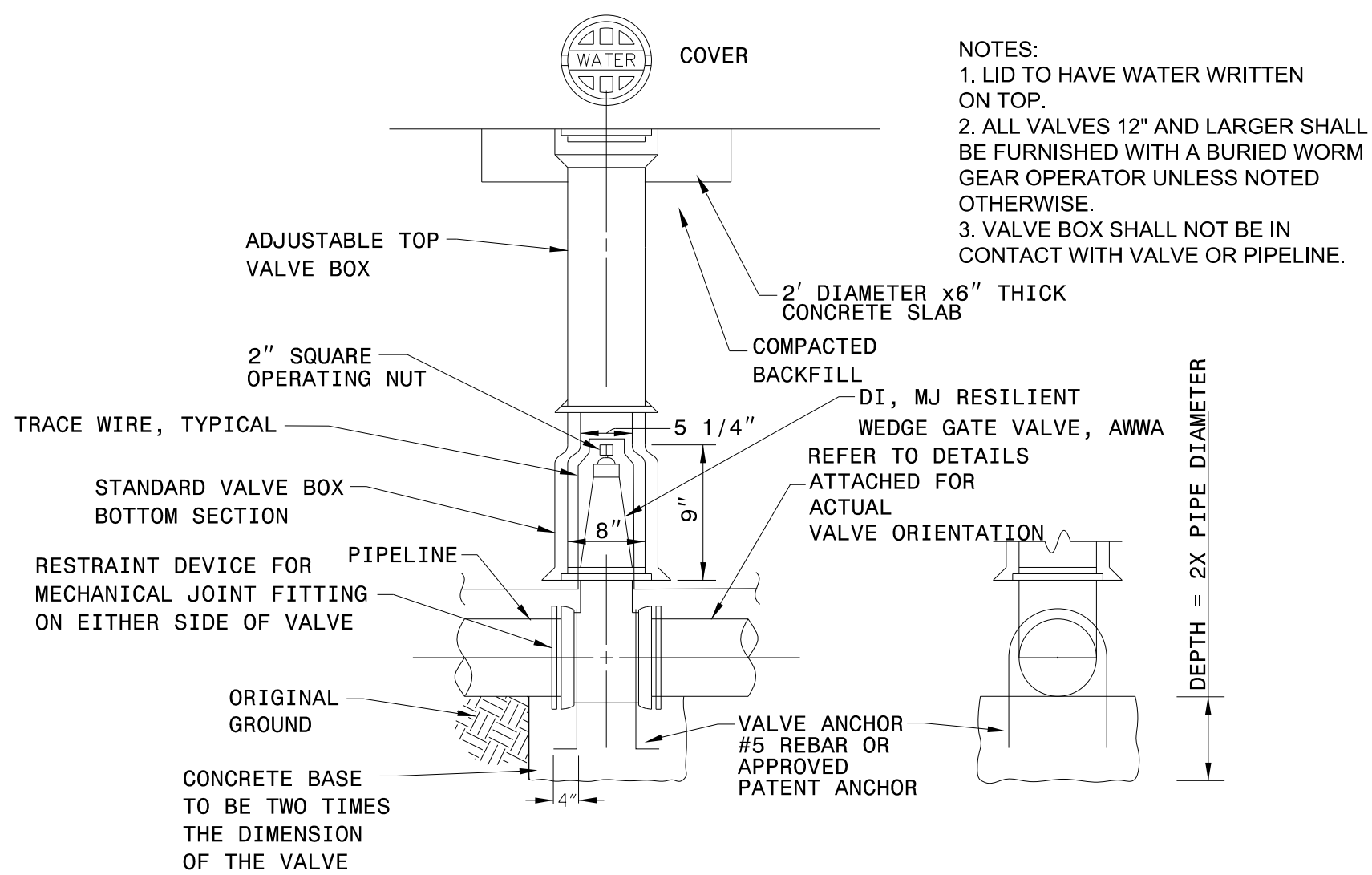


C AERIAL PIPE LAYOUT (PLAN VIEW) DETAIL TYP.  
UC-3B NTS

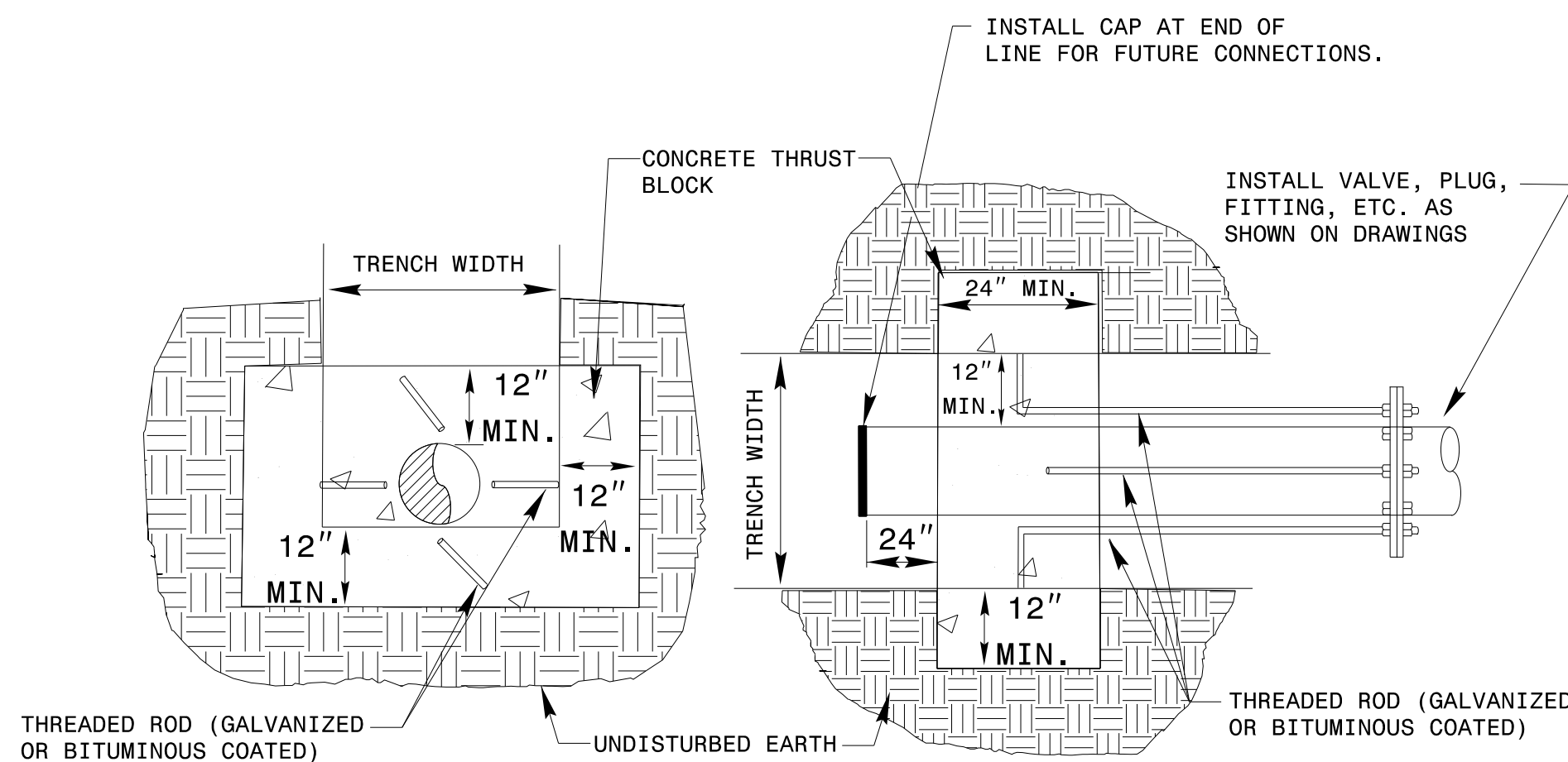


B PIPE CHAIR SUPPORT DETAIL  
UC-3B NTS

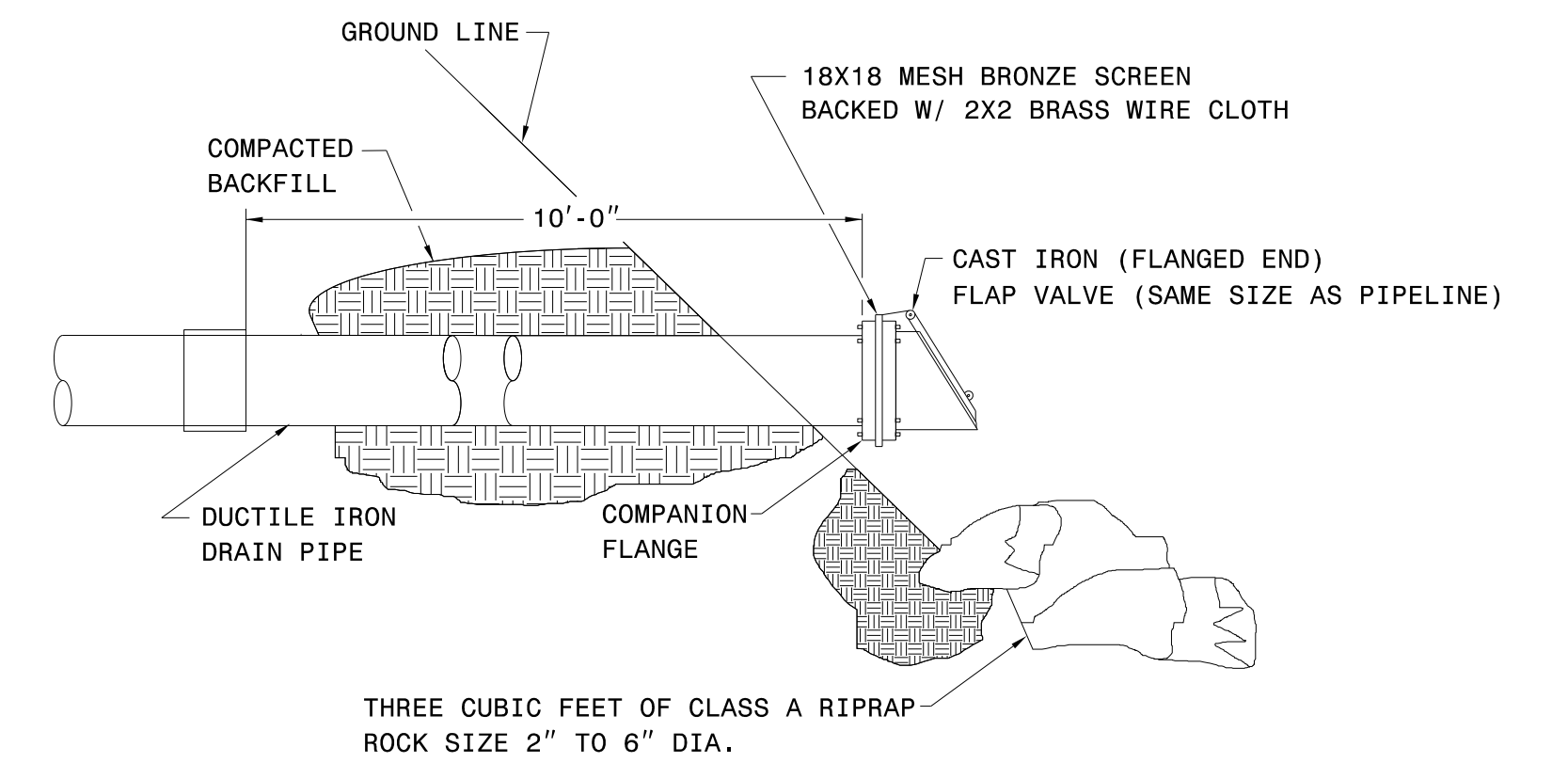
REFER TO DETAIL A, SHEET UC-3C, FOR ACTUAL NUMBER AND LOCATION OF SUPPORTS SHOWN HERE



D GATE VALVE & VALVE BOX INSTALLATION DETAIL  
UC-3B NTS



E THRUST BLOCK (DEADMAN) DETAIL  
UC-3B NTS



F FLAP VALVE FOR DRAIN OUTLET DETAIL  
UC-3B NTS

- NOTES:
- LID TO HAVE WATER WRITTEN ON TOP.
  - ALL VALVES 12" AND LARGER SHALL BE FURNISHED WITH A BURIED WORM GEAR OPERATOR UNLESS NOTED OTHERWISE.
  - VALVE BOX SHALL NOT BE IN CONTACT WITH VALVE OR PIPELINE.

- NOTES:
- FITTING JOINTS SHALL NOT BE POURED IN CONCRETE OR HAVE CONCRETE SPILLED ON THE BOLTS OR NUTS. THE FITTING SHALL BE WRAPPED IN A LAYER OF POLYETHYLENE PLASTIC PRIOR TO POURING THE THRUST BLOCK.
  - ROD AND EYE BOLT DIAMETER SHALL BE A MINIMUM OF 3/4" AND SHALL MATCH THE SIZE OF THE BOLT PROVIDED WITH THE FITTING.
  - CONTRACTOR SHALL REPLACE FITTING BOLTS WITH THREADED ROD FOR 1/2 OF THE BOLTS SUPPLIED WITH EACH FITTING. RODS SHALL BE EQUALLY SPACED.