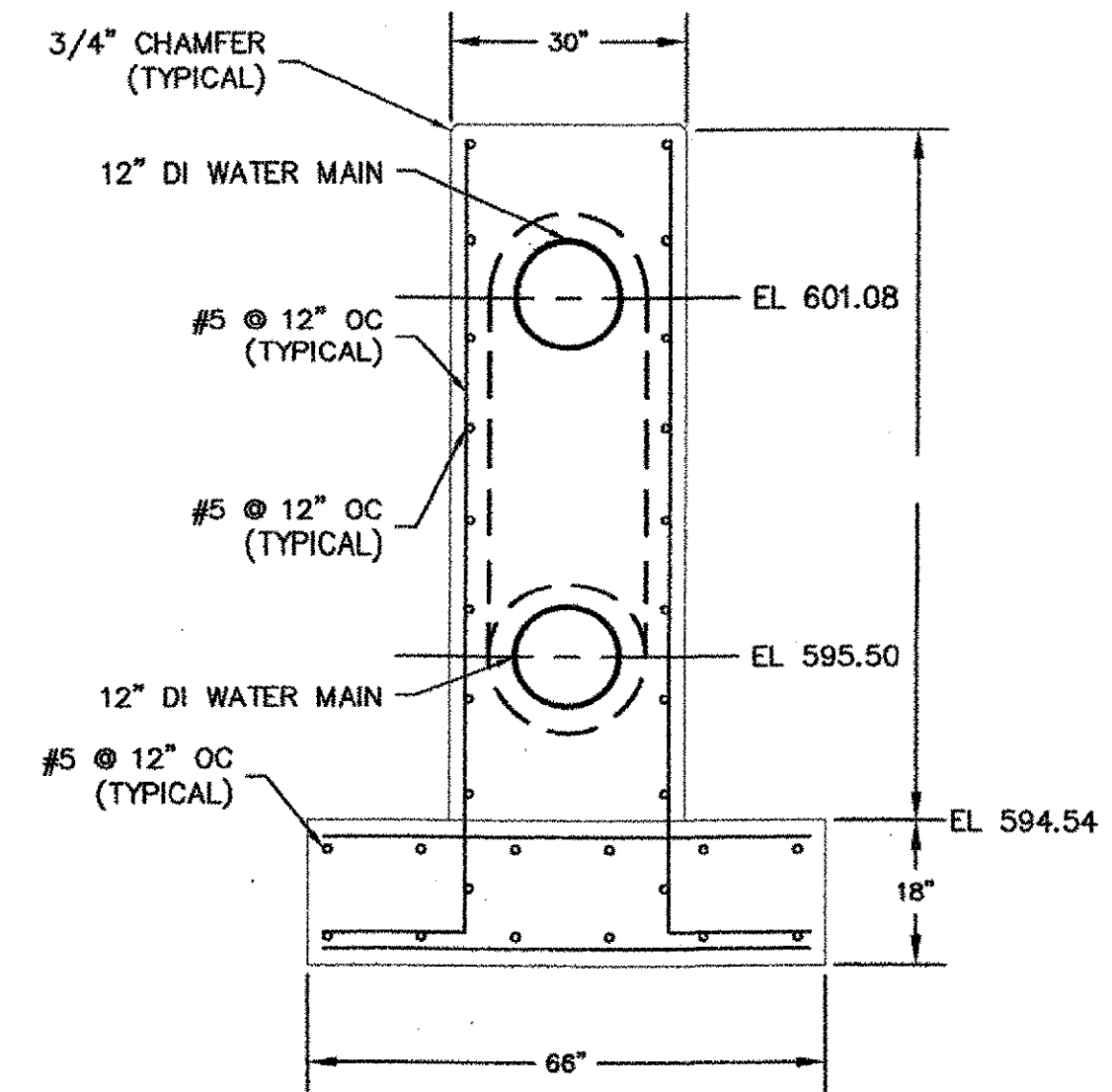
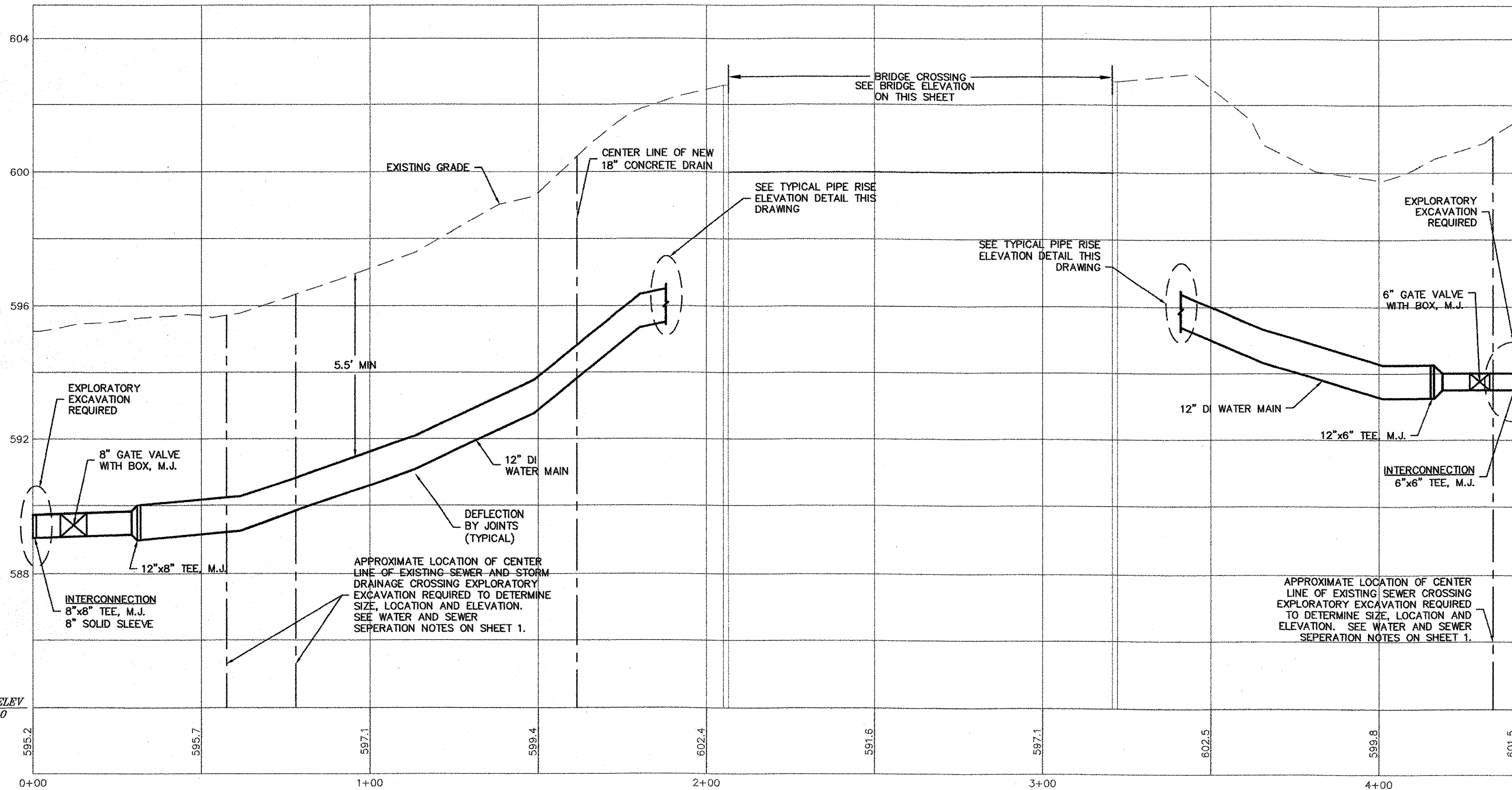


BRIDGE ELEVATION
SCALE: 1" = 10'

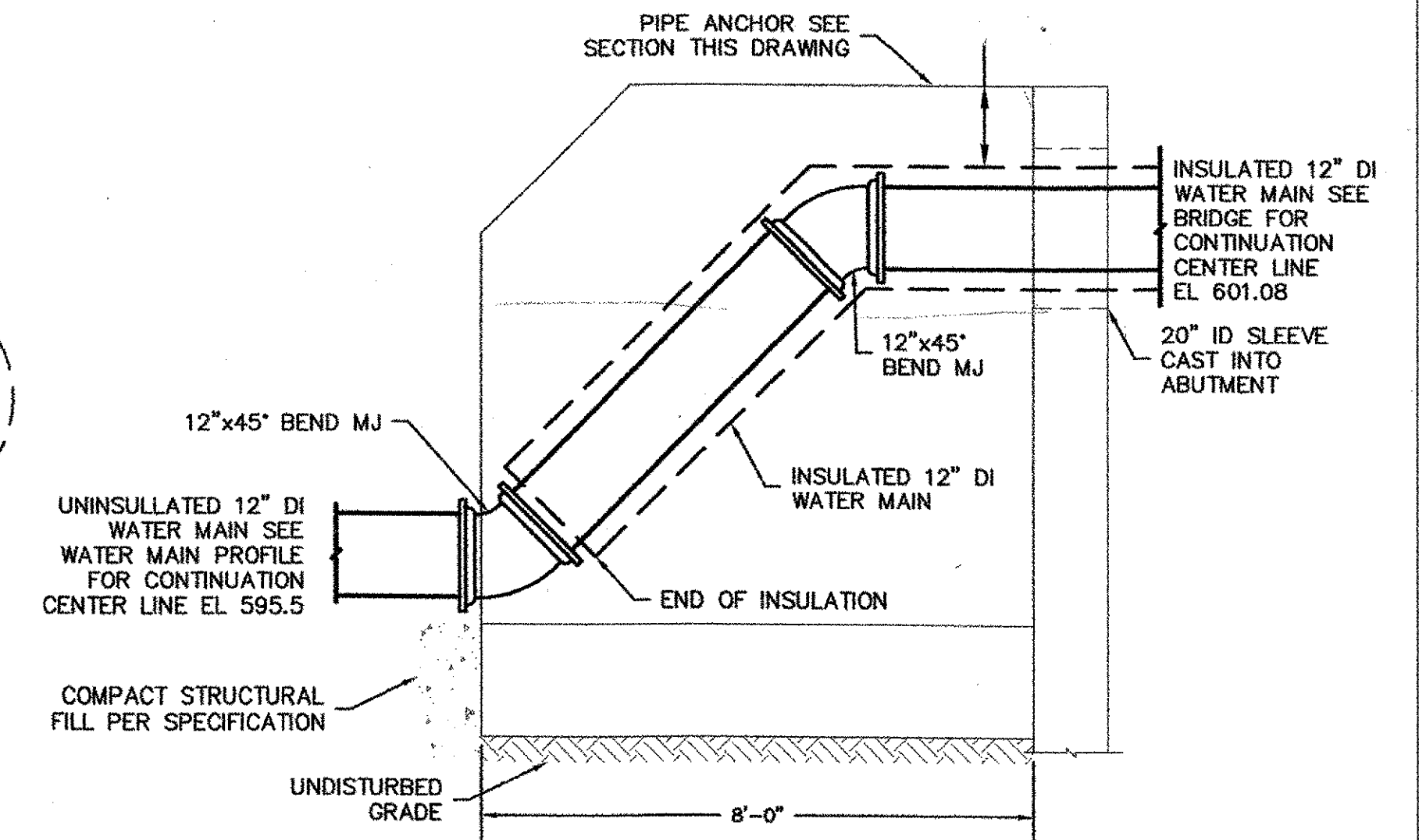


PIPE ANCHOR SECTION
NOT TO SCALE

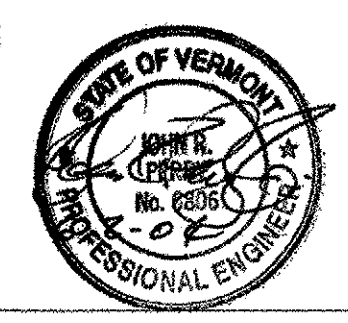
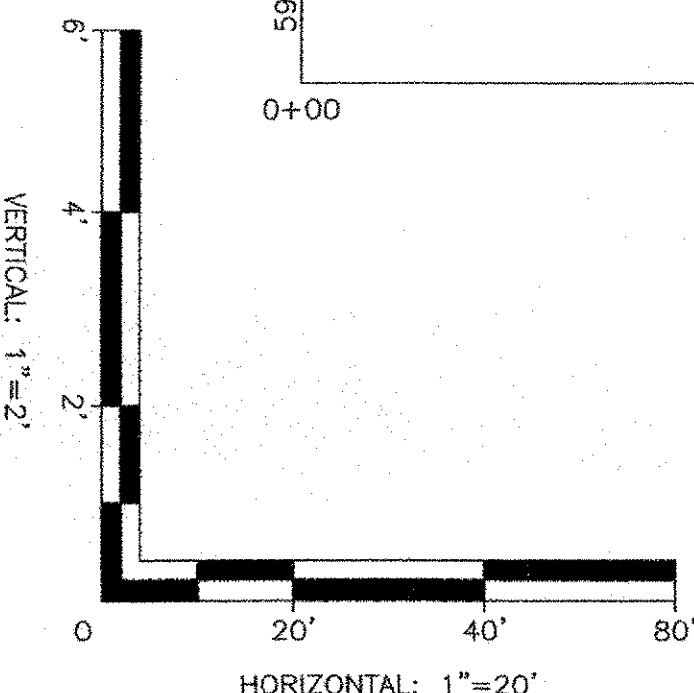
- NOTES:**
1. THE DIMENSIONS AND STATIONING SHOWN ON THIS DRAWING FOR BRIDGE SUPPORTS ARE APPROXIMATE AND MAY BE ALTERED ON THE BASIS OF APPROVED BRIDGE SHOP DRAWINGS. THE CONTRACTOR SHALL NOT FABRICATE THE CROSS BRIDGE PIPING UNTIL APPROVED BRIDGE FABRICATION DRAWINGS ARE AVAILABLE.
 2. THE W8x24 FABRICATED PIPE SUPPORTS ATTACHED TO THE BRIDGE SHALL BE HOT DIPPED GALVANIZED AFTER COMPLETE FABRICATION. ALL HIGH STRENGTH BOLTS, NUTS AND WASHERS AS WELL AS THE PIPE SUPPORT ROLLERS AND SUPPORTING ELEMENTS SHALL BE ELECTROGALVANIZED.
 3. THE PIPE LOCATED BETWEEN STATION 1+95 AND 3+30 SHALL BE PREINSULATED AND HAVE HEAT TRACING ALREADY INSTALLED PRIOR TO PLACEMENT. WHERE INSULATED PIPING IS PLACED IN THE SOIL THE INSULATION JACKETING SHALL BE SEALED TO PREVENT WICKING BY GROUND WATER INTO THE INSULATION.
 4. THE PIPE SYSTEM SHALL BE SUPPORTED AND RESTRAINED BY ROLLER PIPE SUPPORTS. THE PIPE SUPPORTS SHALL BE B-LINE SERIES 3122 OR APPROVED EQUAL, SIZED TO PROVIDE FULL SUPPORT FOR THE INSULATED PIPING. THE CONTRACTOR SHALL FURNISH GALVANIZED INSULATION SHIELDS WHERE THE INSULATED PIPE COMES IN CONTACT WITH THE ROLLERS.
 5. A FLANGED EXPANSION FITTING SHALL BE FURNISHED AND INSTALLED ON THE NORTH SIDE OF THE BRIDGE ABUTMENT AS SHOWN ON THE DRAWING. THE EXPANSION JOINT SHALL HAVE A MINIMUM OF 4 INCHES OF EXPANSION AND BE PROVIDED WITH INTEGRAL EXPANSION STOPS.
 6. THE CENTERLINES OF THE 20" ID PIPE SLEEVES SHALL BE CAST INTO EACH SIDE OF THE BRIDGE ABUTMENT AT AN ELEVATION OF 601.08.
 7. PIPE FOR BRIDGE CROSSING SHALL BE CLASS 52, DUCTILE IRON WITH MEGA-A-LUG RETAINER GLANDS. EACH SECTION OF PIPE SHALL BE SUPPORTED BY AT LEAST ONE PIPE SUPPORT.
 8. ALL GATE VALVES MUST CONFORM TO THE CITY OF BARRE STANDARD AND OPEN RIGHT (CLOCKWISE).
 9. ALL PIPING SHALL BE TESTED FOR ELECTRICAL CONTINUITY BEFORE BACKFILLING TRENCH OR INSULATION IS APPLIED.
 10. "WATER MAIN ON BRIDGE 629.60" SHALL COVER ALL WORK FROM BACKWALL TO BACKWALL. ALL WORK OUTSIDE OF THESE LIMITS WILL BE PAID FOR UNDER ITEM "TRANSFER TO NEW SYSTEM, WATER SYSTEM (MOD.) 629.42."



WATER MAIN PROFILE
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'



TYPICAL PIPE RISE ELEVATION DETAIL
NOT TO SCALE



FOR WATER LINE CONSTRUCTION ONLY



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PROJECT NUMBER: **413025**
DRAWING NAME: **PROFILE AND ELEVATION** PLOT DATE: 16-MAR-2004
PROJECT LEADER: J. PERRY DRAWN BY: E. EMMONS
DESIGNED BY: J. PERRY CHECKED BY: R. DUFRESNE
FILE NAME: 413025C3-PR SHEET 3 OF 5