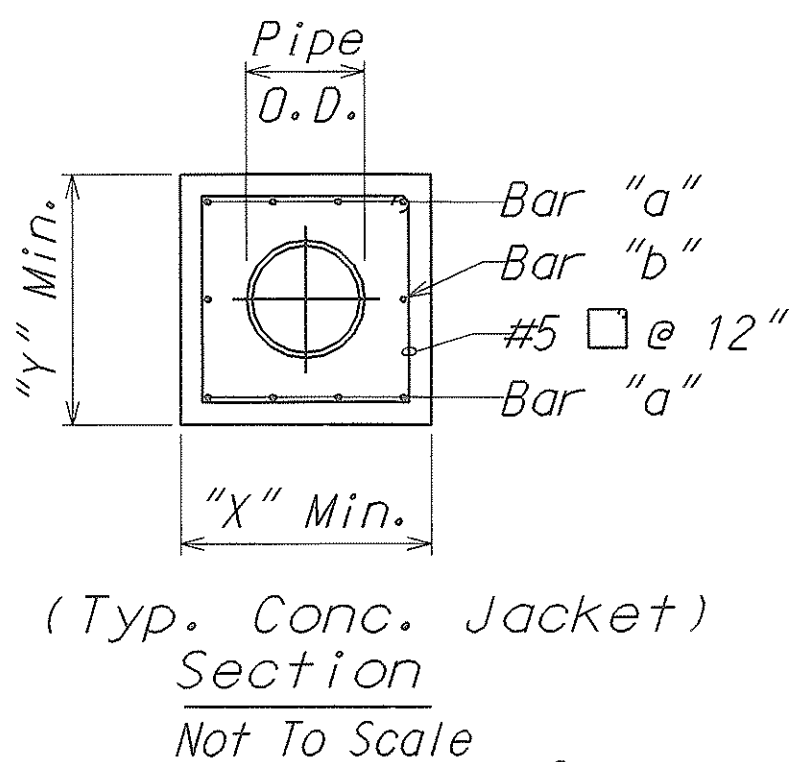
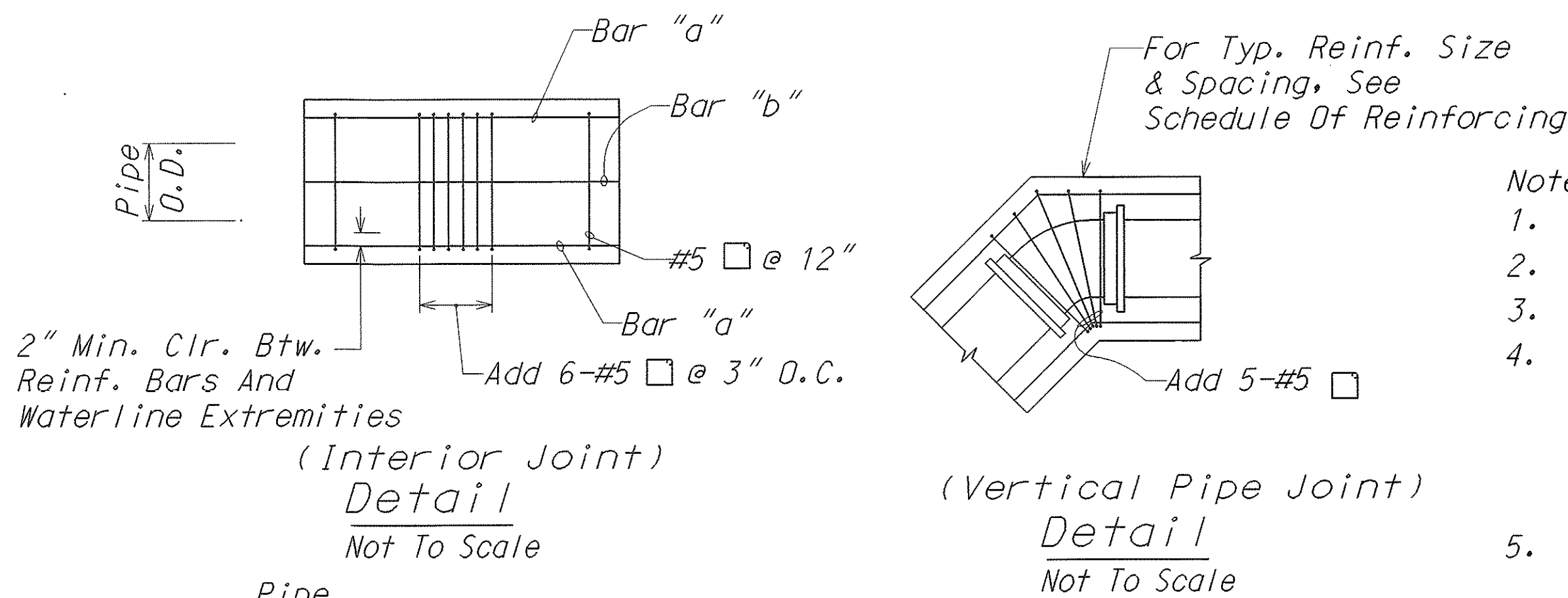
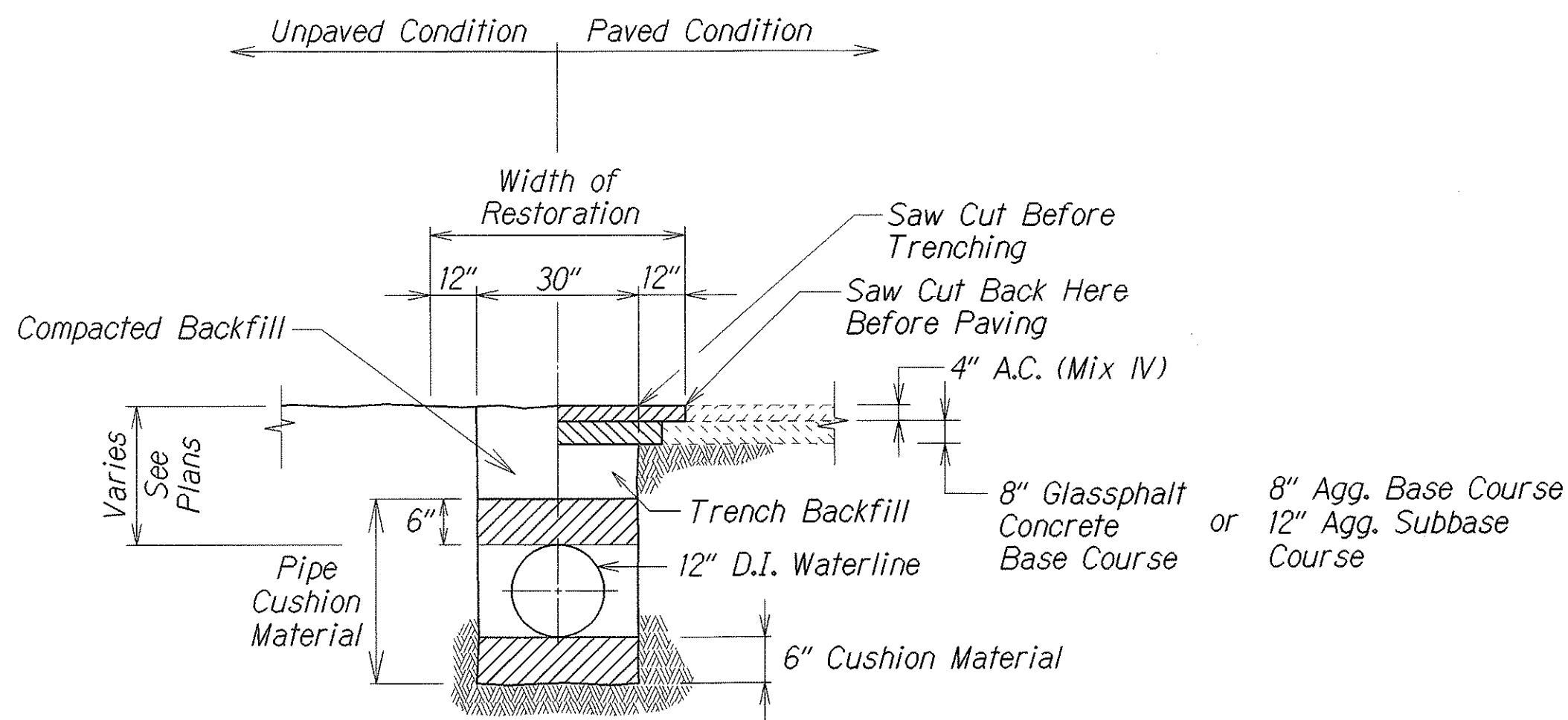


Detail - Vertical Offset
Scale: 1/2" = 1'-0"



Schedule of Reinforcing				
Pipe Size	X	Y	Bar "a"	Bar "b"
12"	32"	32"	2-#6 cont. 2-#7 cont.	2-#7 cont.

- Notes:
- Concrete: $f_c = 3,500$ psi
 - Steel Reinf.: ASTM A615 Grade 60
 - Hydraulic Design Pressure: 250 psi
 - For Pre-cast Applications, Contractor shall Submit Structurally-Stamped Shop Drawings Detailing Lifting Configuration and Integral Lifting Hardware at Least Ten (10) Working Days Prior to Fabrication of Structure.
 - For Cast-in-place Applications, where Hydraulic Pressure is Expected Prior to at Least Fourteen (14) Days After Placement of Concrete, Contractor shall Provide Temporary Thrust Restraints, as Required, and shall Submit Structurally-Stamped Shop Drawings Detailing Same at Least Ten (10) Working Days Prior to Fabrication of Structure.
 - All Interior Joints and Fittings shall be "MJ".



TYPICAL PAVEMENT RESTORATION
SECTION WITHIN STATE RIGHT-OF-WAY
Not To Scale

- Notes:
- Lifting Ring for any Precast Jacketed Segment shall be Designed and Stamped by a Structural Engineer. Calculations shall be Submitted to D.W.S.
 - Flagged Station and Invert Elevation as Indicated on Profile.
 - Invert Elevations for Connection to the Existing Waterline are Approximate Only. Contractor shall Verify Exact Location in the Field.
 - Provide Connections for Pressure Testing and Disinfection, Incidental to Furnishing and Installing 12-inch Ductile Iron Pipe, Item No. 624.1098.
 - Precast Jacketed Segment to be Pressure/Leak Tested Prior to Conc. Jacketing and Again After Installation, Before Connection. Incidental to Furnishing and Installing 12-inch Ductile Iron Pipe, Item No. 624.1098.
 - Whenever Construction Joints are Required 6" Rubber or Neoprene Waterstops shall be Installed. Waterstop shall be of the Type Specified and Manufactured by the Kuldrill Company or Approved Equal. Incidental to Furnishing and Installing 12-inch Ductile Iron Pipe, Item No. 624.1098.
 - Horizontal Alignment of the Jacket shall be Straight. No Deflections Allowed.
 - Invert Elevations of the Top Bends shall be Equal.
 - Invert Elevations of the Bottom Bends shall be Equal.

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK	
ORIGINAL PLAN	