



PRECAST MONOLITHIC PIPE TO MANHOLE CONNECTION COMPRESSIVE AND BOOT STYLE

NOTES:

1. STRAIGHT RUN MANHOLES SHALL HAVE CONTINUOUS PIPE THRU MANHOLE. TURNING MANHOLES REQUIRE ELEVATION DROP BETWEEN FLOW LINES. PIPE JOINTS SHALL BE LOCATED OUTSIDE OF MANHOLE.
2. BEDDING FOR BASE SHALL BE EQUAL TO BEDDING FOR PIPE, EXCEPT IF PIPE IS PLACED ON NATIVE MATERIAL USE SIX (6") INCH MINIMUM CRUSHED ROCK UNDER BASE.
3. INVERT CHANNELS, SHELF, AND COLLARS SHALL BE POURED IN THE FIELD PER SULFATE RESISTANT SPECIFICATIONS.
4. REINFORCEMENT STEEL SHALL BE GRADE 60 CONFORMING TO ASTM A615.
5. BOOT STYLE; THE EXTERIOR PIPE TO MANHOLE FLEXIBLE CONNECTION SEALING POINT SHALL BE SUPPLEMENTED WITH BEAD OF GUN-GRADE POLYURETHANE SEALANT BETWEEN PIPE AND CONNECTOR PRIOR TO TIGHTENING CLAMP, AND TOPPED WITH FOUR (4") INCH WIDTH OF RUBBER ROOF COATING APPLIED AT MINIMUM EIGHTY(80) MILS THICKNESS TO PIPE, CLAMP, AND CONNECTOR. STETSON BUILDING PRODUCTS. MASTERSEAL NPI, AND INLANDS COATINGS RC 2000 OR EQUAL.
6. ALL EXTERIOR MANHOLE PIPE ENTRANCES SHALL BE BEDDED. EMBEDDED AREA SHALL BE TWO (2) FEET FROM FACE OF MANHOLE, PLACE SIX (6") INCH EMBEDMENT MATERIAL UNDER PIPE AND CONNECTOR, EXTEND MATERIAL TO SPRING LINE OF PIPE, AND CONNECTOR. EMBEDMENT SHALL BE A CLASS OF MATERIAL WHERE LITTLE OR NO COMPACTION IS NECESSARY DUE TO THE NATURE OF THE ANGULAR PARTICLES.
7. SUPPLEMENT BOOT, OR COMPRESSIVE STYLE CONNECTORS WITH BOND BREAKING MATERIAL(S) IN MAINTAINING A SEPARATION, OR A BARRIER. THE BARRIER SHALL BE CAPABLE OF MAINTAINING A SEPARATION OF ADJACENT MATERIALS FROM RESTRICTING, OR DAMAGING THE CONNECTORS SEALING FLEXIBILITY PER MANUFACTURES INSTALLATION INSTRUCTIONS.
8. CONCRETE COLLARS SHALL BE PLACED ON INTERIOR SIDE OF MANHOLES. CONCRETE PLACED OVER PIPE INTERIOR TO MANHOLE SHALL EXTEND SIX (6") INCHES FROM WALL ALONG PIPE AND BE AT LEAST FOUR (4") INCHES THICKNESS AT MINIMUM ON TOP OF PIPE.
9. CONTRACTOR SHALL PLACE FORM MATERIALS (AS PRACTICAL AS POSSIBLE) FORMING CONCRETE COLLARS PRIOR TO CONCRETE PLACEMENT, AND CONSOLIDATE WITH VIBRATORY DEVICE.