200 SOUTH TRYON ST, SUITE 200 CHARLOTTE, N.C. 28202

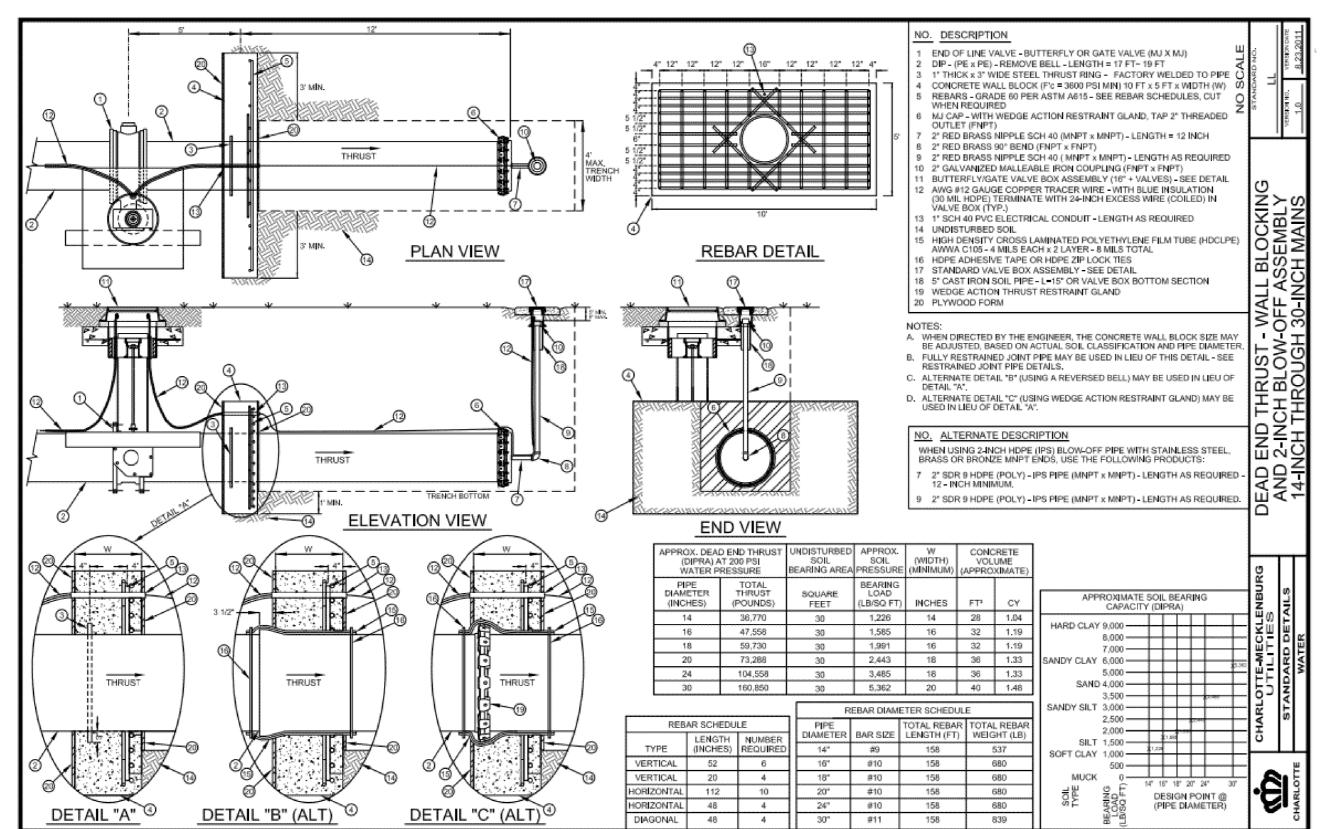
PROJECT REFERENCE NO. 1-5973 UC-3B DESIGNED BY: DGB DRAWN BY: CHECKED BY: MAS APPROVED BY: SEAL REVISED: Daniel G.

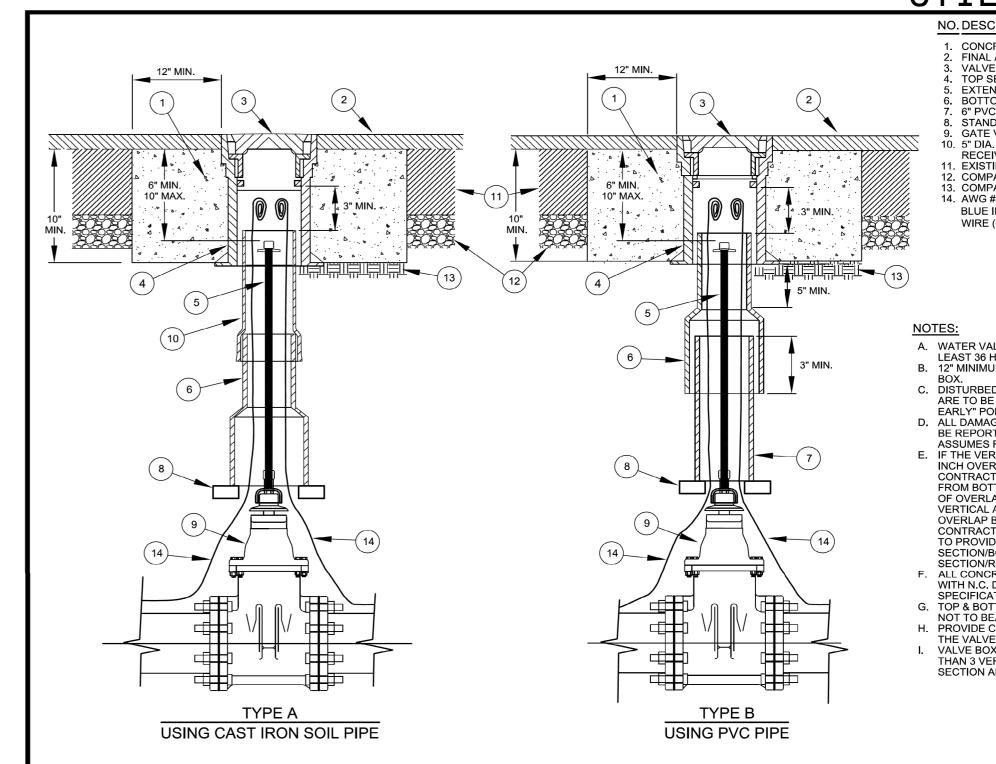
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

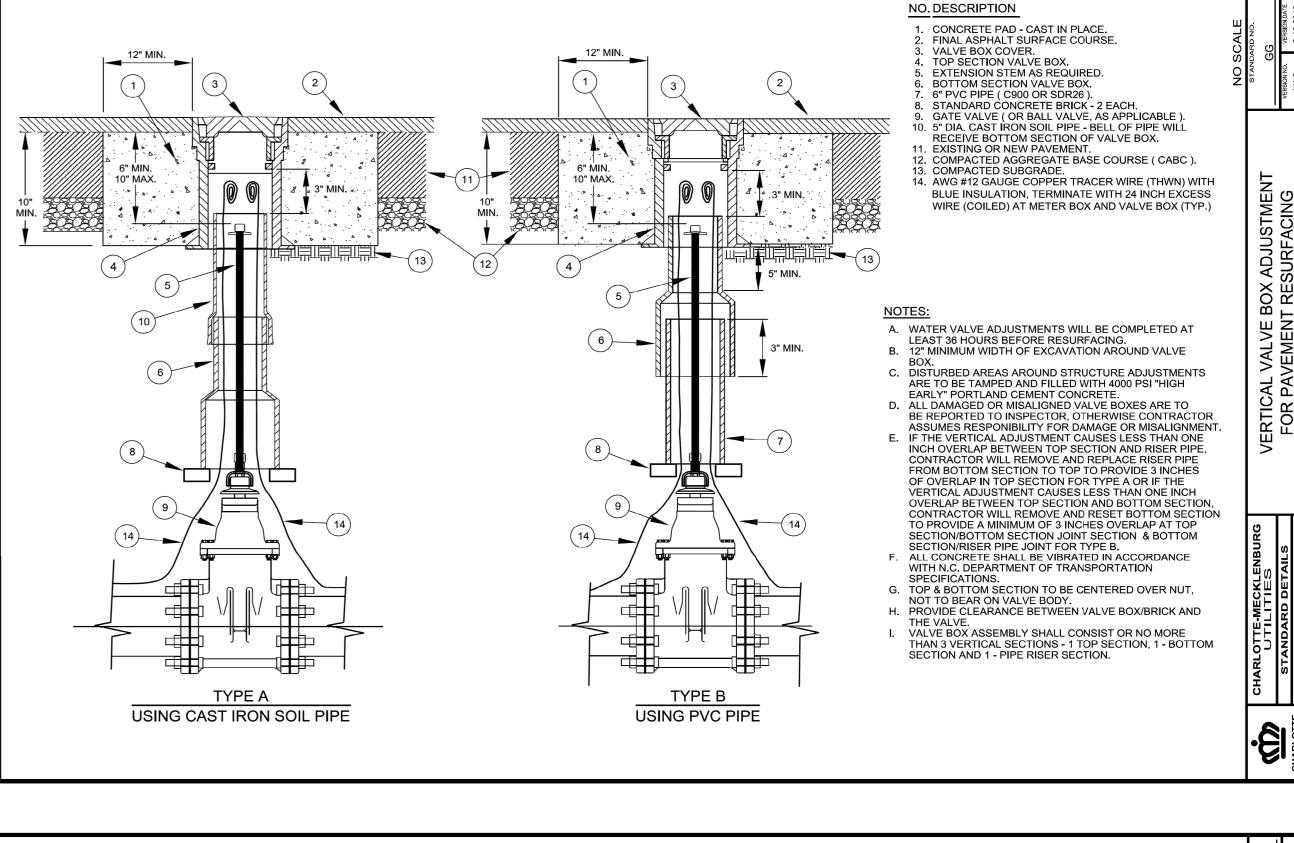
UTILITIES ENGINEERING SEC PHONE: (919)707-6690 UTILITY CONSTRUCTION

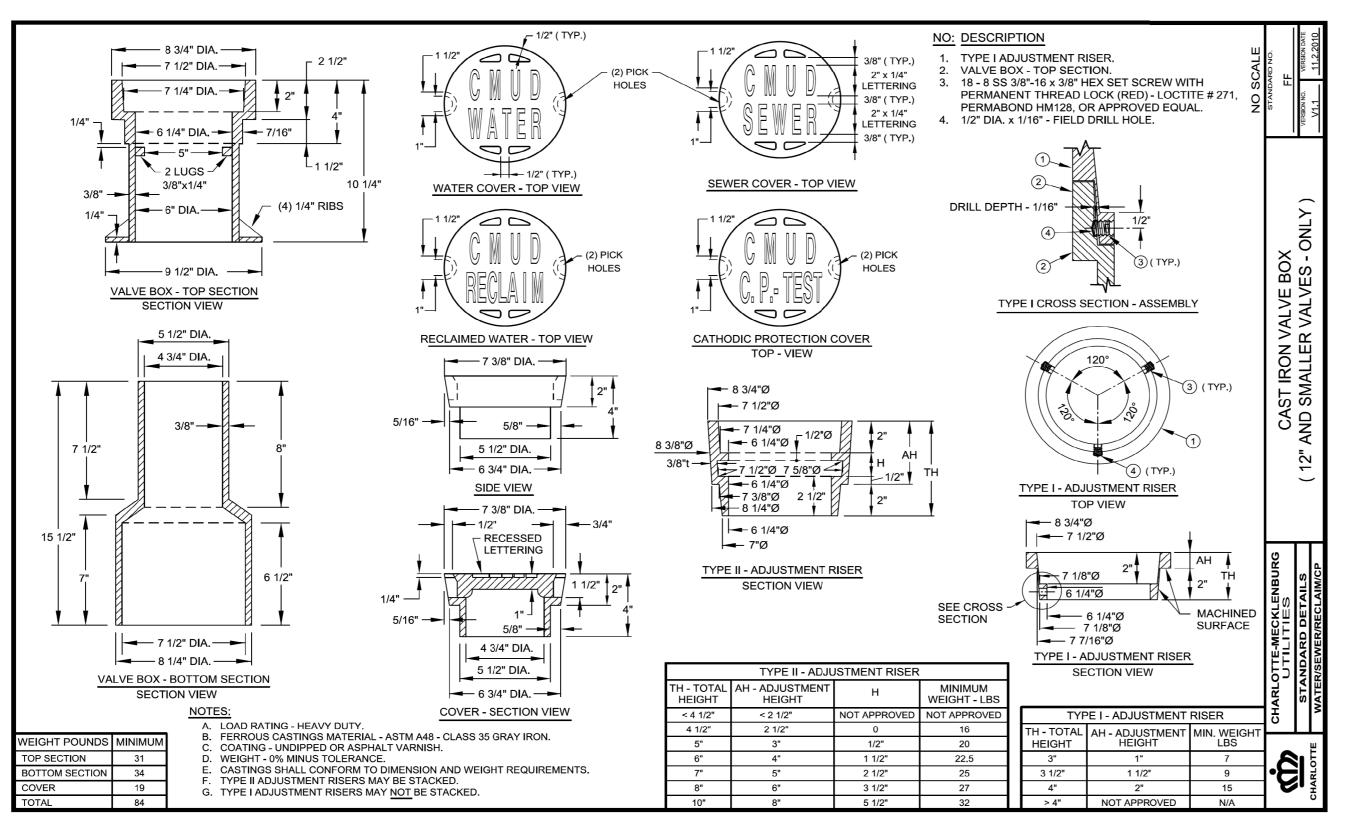
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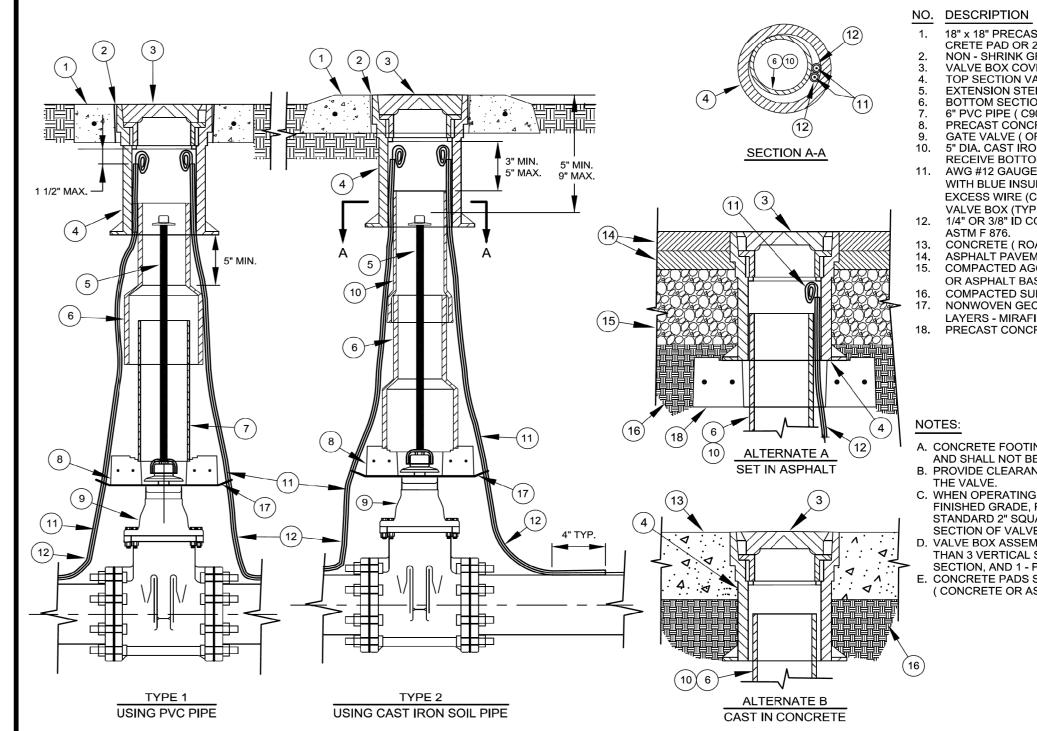












18" x 18" PRECAST ( OR CAST IN PLACE ) CON-CRETE PAD OR 24" DIAMETER PRECAST PAD. NON - SHRINK GROUT - IN ANNULAR SPACE. VALVE BOX COVER.

TOP SECTION VALVE BOX. EXTENSION STEM AS REQUIRED. SEE NOTES BOTTOM SECTION VALVE BOX. 6" PVC PIPE ( C900 OR SDR 26 ) PRECAST CONCRETE FOOTING - TYPE II - SEE DETAIL. GATE VALVE ( OR BALL VALVE, AS APPLICABLE ).

5" DIA. CAST IRON SOIL PIPE - BELL OF PIPE WILL RECEIVE BOTTOM SECTION OF VALVE BOX. AWG #12 GAUGE COPPER TRACER WIRE (THWN) WITH BLUE INSULATION, TERMINATE WITH 24 INCH EXCESS WIRE (COILED) AT METER BOX AND VALVE BOX (TYP.) 12. 1/4" OR 3/8" ID CONDUIT - SDR 9 PEX TUBING -

CONCRETE ( ROADWAY, DRIVEWAY OR SIDEWALK )

ASPHALT PAVEMENT. COMPACTED AGGREGATE BASE COURSE ( CABC ) OR ASPHALT BASE COURSE. COMPACTED SUBGRADE.

NONWOVEN GEOTEXTILE FABRIC - 18" x 18" - 2

LAYERS - MIRAFI #140N OR CARTHAGE MILLS # FX - 40HS PRECAST CONCRETE FOOTING - TYPE I - SEE DETAIL.

- A. CONCRETE FOOTING TO BE CENTERED OVER VALVE NUT, AND SHALL NOT BEAR ON VALVE BODY. B. PROVIDE CLEARANCE BETWEEN VALVE FOOTING AND
- C. WHEN OPERATING NUT DEPTH EXCEEDS 3'-0" BELOW FINISHED GRADE, PROVIDE EXTENSION STEM WITH STANDARD 2" SQUARE OPERATING NUT IN TOP
- SECTION OF VALVE BOX. SEE STANDARD DETAIL. D. VALVE BOX ASSEMBLY SHALL CONSIST OF NO MORE THAN 3 VERTICAL SECTIONS - 1 TOP SECTION, 1 - BOTTO
- SECTION, AND 1 PIPE RISER SECTION. E. CONCRETE PADS SHALL NOT BE USED IN PAVEMENT ( CONCRETE OR ASPHALT ), SIDEWALKS OR DRIVEWAYS