

-CLASS 52 MECH-LOK D.I. PIPE (RIGID RESTRAINED JOINT PIPE) - 1/2" THICK X 3" WIDE STEEL STRAP - 3/4" THREADED BOLT WITH NUT & 2 WASHERS EACH SIDE (ALL TO BE STAINLESS STEEL) - WELD STRAP TO PLATE BOTH SIDES. CENTER STRAP ON PLATE. 1/2" X 3" STEEL BRACE WELDED TO STEEL STRAP AND STEEL PILE. CENTER BRACE ON PILE. - 3/4" x 5" x 12" STEEL PLATE FIELD WELDED TO PILE. CENTER PLATE ON PILE WEB. --- W STEEL PILE (MINIMUM 58 LBS/FT) PIPE CRADLE ASSEMBLY NOTES: 1. DRIVE PILES TO BEARING CAPACITY OF 20 TONS WITH PILE HAMMER APPROVED BY ENGINEER. (MIN. 10' BELOW GROUND OR AS DIRECTED BY ENGINEER). 2. ENTIRE SURFACE OF PILES SHALL BE DOUBLE COATED WITH COAL TAR EPOXY (KOP-COAT BITUMASTIC 300 M OR APPROVED EQUAL) PRIOR TO INSTALLATION. 3. ENTIRE CRADLE ASSEMBLY SHALL BE DOUBLE COATED WITH COAL TAR EPOXY (KOP-COAT BITUMASTIC 300 M OR APPROVED EQUAL) AFTER ASSEMBLY. 4. PILES TO BE DRIVEN ONLY WHEN ENGINEER IS PRESENT. 5. PILES SHALL HAVE POINT REINFORCEMENT TO PREVENT TWISTING OR BENDING OF PILES WHILE DRIVING. 6. SHOP DRAWINGS OF CRADLE ASSEMBLY SHALL BE SUBMITTED TO ENGINEER PRIOR TO MANUFACTURE. 7. CONTRACTOR TO SUBMIT PILE HAMMER SPECIFICATIONS AND PILE RESISTANCE VALUES TO ENGINEER PRIOR TO INSTALLATION. 8. PILES TO BE CENTERED ON EACH PIECE OF PIPE—JOINTS TO BE CENTERED BETWEEN CREEK BANKS. CITY OF WINSTON-SALEM DEPARTMENT OF PUBLIC WORKS

ENGINEERING DIVISION

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Hydrant and Valve Installation

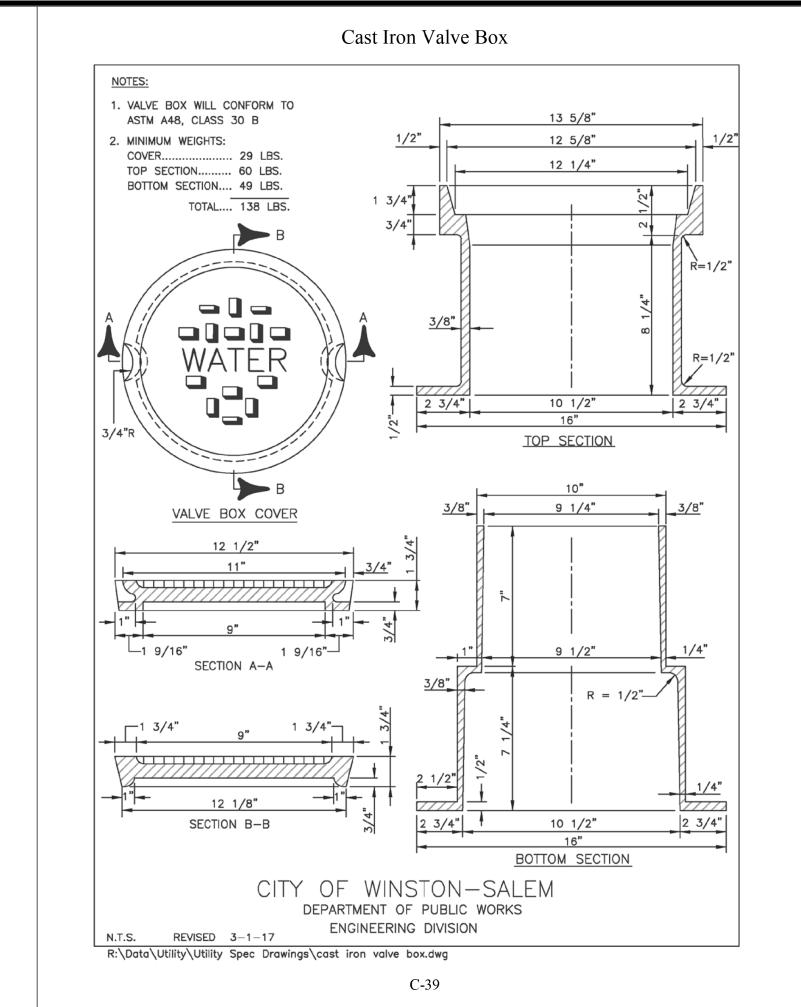
N.T.S. REVISED 3-1-17

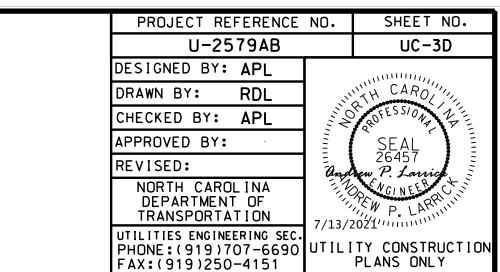
N.T.S. REVISED 3-1-17

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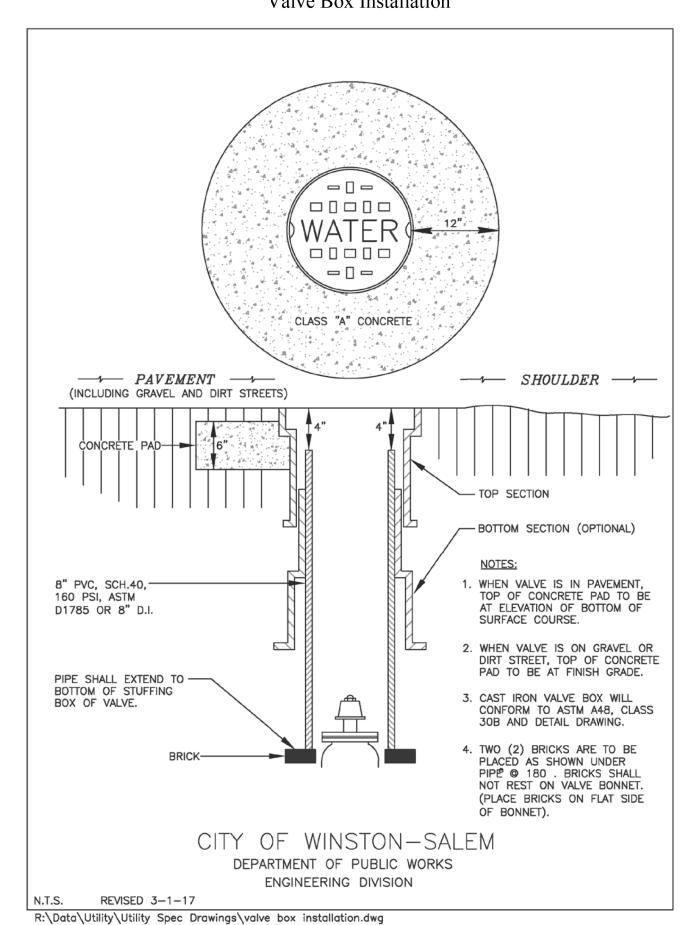
Steel Pile Detail



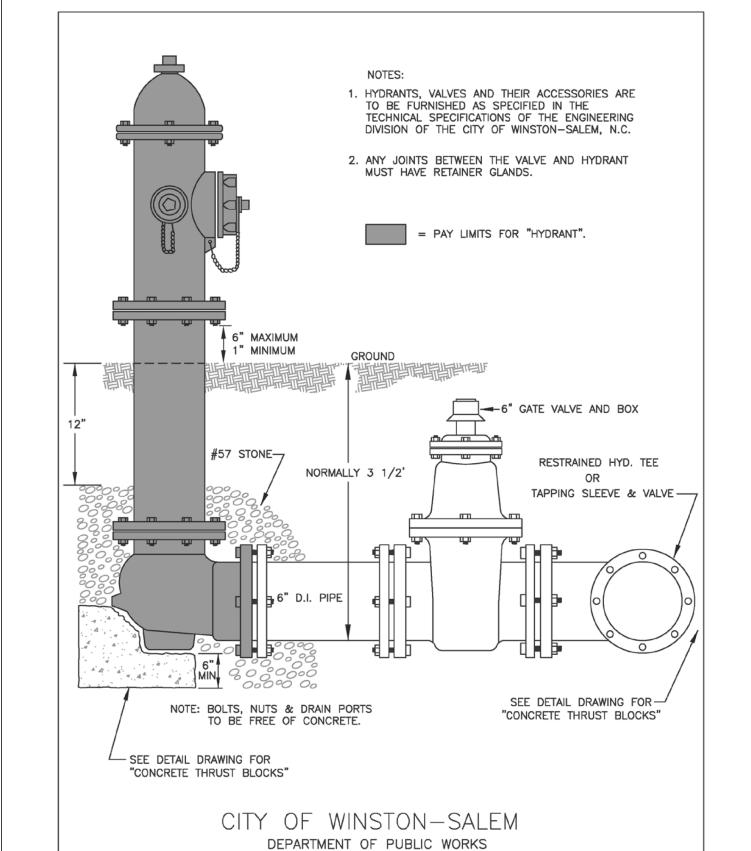


UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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ENGINEERING DIVISION

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