CONSTRUCTION NOTES

1. COMPACT DUAL REGISTER HIGH PERFORMANCE COMPOUND METER WITH SOLID BRONZE IN-LINE STRAINER, COMPACT SINGLE REGISTER TURBINE METER WITH SOLID BRONZE IN-LINE STRAINER OR COMPACT FM METER ASSEMBLY W/INTEGRAL DETECTOR CHECK VALVES, MAINLINE AND BY-PASS TURBINE METER AND IN-LINE STRAINER, CONTACT CNB UTILITIES DEPARTMENT FOR Specs and Approved Meters.

2. LONG RADIUS 90° BEND, FE x FE, CEMENT LINED D.I.

3. RESILIENT WEDGE GATE VALVE, HAND WHEEL OPERATOR W/FLANGED ENDS.


5. 150 LB. ANSI RATED FLANGE. FABRICATED INTEGRALLY WITH SPOOL.

6. 6" THICK CONCRETE SLAB. REINFORCED W/W1.4 x W1.4 WELD WIRE MESH. CONCRETE SHALL BE C-560-3250 MIX.

7. LONG RADIUS 90° BEND, CEMENT LINED D.I., FE x FE OR FE x MJ ENDS W/ RETAINER GLANDS.


9. CONSUMER PIPING AWWA APPROVED POTABLE WATER PIPE MATERIAL, C-900 PVC CLASS 200.

10. ADJUSTABLE PIPE SUPPORT PER STD 521.

11. INSTALL THRUST BLOCK PER STD 516-A.

GENERAL NOTES

1. ALL ABOVE GRADE PIPING SHALL BE PAINTED WITH AN ALKYD ENAMEL PAINT SYSTEM CONSISTING OF A 2 MIL PRIMER COAT AND TWO (2) COATS OF 2 MILS (EACH) HIGH GLOSS ENAMEL. COLOR SHALL BE DETERMINED BY CNB UTILITIES DEPARTMENT.

2. ALL BELOW GRADE DUCTILE IRON FITTINGS SHALL BE C-110. ALL BELOW GRADE DUCTILE IRON PIPE AND FITTINGS SHALL BE ENCASED IN ACCORDANCE WITH AWWA STANDARDS IN AN 8 MIL POLYETHYLENE WRAP.

3. ALL FLANGE BOLTS SHALL BE TYPE 316 STAINLESS STEEL. MECHANICAL JOINT BOLTS SHALL BE MANUFACTURED FROM EITHER MALLEABLE IRON OR SELF-WEATHERING CORTEN STEEL.

4. BACKFLOW DEVICE SHALL BE INSTALLED IN EASEMENT (GRANTED) TO CITY. MINIMUM SIZE IS 3" WIDE x 10" LONG.