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 CBN UTILITIES DEPARTMENT FOR SPECS AND APPROVED METERS.

2. DUCTILE IRON FLEX COUPLING. FORD, ROMAC, DRESSER OR APPROVED EQUIVALENT.

3. RESILIENT WEDGE GATE VALVE WITH HAND WHEEL OPERATOR & FLANGED ENDS.

4. CLASS 52, MORTAR LINED, D.I.P. SPINDLE PIECE (F.O.E.) 12" LONG. FABRICATE WITH HARNESS LUGS.

5. FE, COMPACT (SHORT BODY PATTERN), MORTAR LINED DUCTILE IRON TEE BRANCH DIA. TO BE 2' LESS THAN RUN DIA. 2" x 6" TEE. WHEN BRANCH LINE IS LESS THAN 4", REPLACE TEE WITH 2" CORP STOP AND SADDLE.

6. 6" THICK CONCRETE SLAB OR PRECAST CONCRETE VAULT FLOOR OF EQUAL SPECIFICATION. REINFORCED WITH W7.4 x W7.4 WELD WIRE MESH. CONCRETE SHALL BE 560-C-3250 MIX. VAULT MANUFACTURER SHALL BE AS APPROVED BY CBN UTILITIES DEPARTMENT CALL 644-3011.

7. CLASS 52, MORTAR LINED, D.I.P. SPINDLE PIECE (F.O.E.) 18" LONG. FABRICATE INTEGRALLY WITH HARNESS ASSEMBLY LUGS.

8. CLASS 52, MORTAR LINED, D.I.P. SPOOL PIECE (F.B.E.) 48" LONG.

9. CLASS 52, MORTAR LINED, D.I.P. SPOOL PIECE (F.B.E.) 6" OR 12" LONG.

10. RECESSED CAST IRON SUMP GRATE. ALHAMBRA FOUNDRY OR EQUIVALENT.

VAULT SIZING

MINIMUM INSIDE DIMENSIONS:

- 3" - 4" METER: 48" W x 96" L
- 6" - 8" METER: 60" W x 120" L

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 WHITE OR BLUE, AS REQUIRED BY THE CITY.

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 JOINTS SHALL BE CONNECTED WITH TYPE 316 STAINLESS STEEL FASTENERS. MECHANICAL JOINT SHAll BE JOINED WITH EITHER MALLEABLE IRON OR SELF-WEATHERING CORROSION STEEL.

4. ALL VAULTS REQUIRE THE INSTALLATION OF ONE VENT AT THE LOW POINT AND ONE AT THE HIGH POINT. VAULT VENTS SHALL BE INSTALLED PER STD 526-A OR STD 526-B. SIZING OF VENTS SHALL BE DETERMINED BY THE PROJECT'S ENGINEER.

5. ALL WATER METER VAULTS SHALL HAVE METER READING LID WITH 6" x 6" MIN OPENING DIRECTLY OVER VENTER.