



PLAN VIEW: NOTE TO SCALE

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.
- ④ D.I.P. MORTAR LINED SPOOL PIECE (FE).
- ⑤ 150 LB. ANSI RATED FLANGE. FABRICATED INTEGRALLY WITH SPOOL.
- ⑥ 6" THICK CONCRETE SLAB. REINFORCED WITH 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.
- ⑧ C-900 PVC CLASS 200.
- 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 5' WDE x 10' LONG.

APP. *James M. Hinkle* 51568 11/24/2020
 CITY ENGINEER RCE DATE

NO.	DATE	DESCRIPTION OF REVISIONS

CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS

DRAWN: M. ELIAS
 DATE: 11/3/2020

3" AND LARGER ABOVE GROUND WATER METER

STANDARD DRAWING NO.

508

SHEET 1 OF 1