



CONSTRUCTION NOTES

- ① DUCTILE IRON PIPE CLASS 52 OR C-900 P.V.C.
- ② SERVICE SADDLE, PER STD 517, FOR AIR/VACUUM RELEASE WHERE REQUIRED.
- ③ 45° BEND. DUCTILE IRON MECHANICAL JOINT FITTING RETAINER GLAND.
- ④ STANDARD THRUST BLOCK PER STD 516-A.
- ⑤ MJ RETAINER GLAND. TYPICAL CUT AT ALL MECHANICAL JOINTS.
- ⑥ FLEX OR TRANSITION COUPLING.
- ⑦ CONCRETE RESTRAINT BLOCK, SEE TOP VIEW BELOW.
- ⑧ CONCRETE ANCHOR BLOCK PER STD 516-D AND 516-E.

GENERAL NOTES

- 1. RESTRAINT BLOCKS SHALL BE A MINIMUM OF 24" IN HEIGHT AND 12" THICK. THE TOP OF THE BLOCK SHALL BE NO MORE THAN 6" ABOVE TOP OF PIPE.
- 2. ALL PIPE JOINTS AT 45° BENDS SHALL BE MECHANICAL JOINT WITH RETAINER GLANDS. FLANGED JOINTS MAY BE USED WHERE CONDITIONS WARRANT.
- 3. ALL FITTINGS SHALL BE ENCASED IN POLYETHYLENE WRAP PER AWWA STANDARD C105.

FORMER CITY STANDARD PLAN NUMBER (2004 EDITION): STD 528-L

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

INVERTED SIPHON

STANDARD DRAWING NO.

523

SHEET 1 OF 1