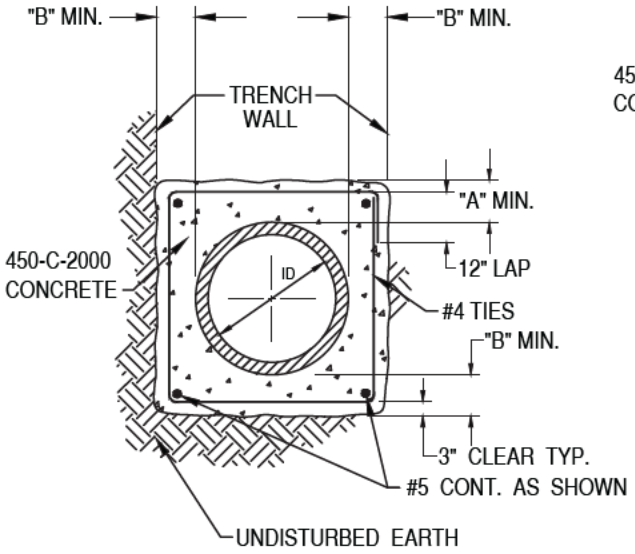
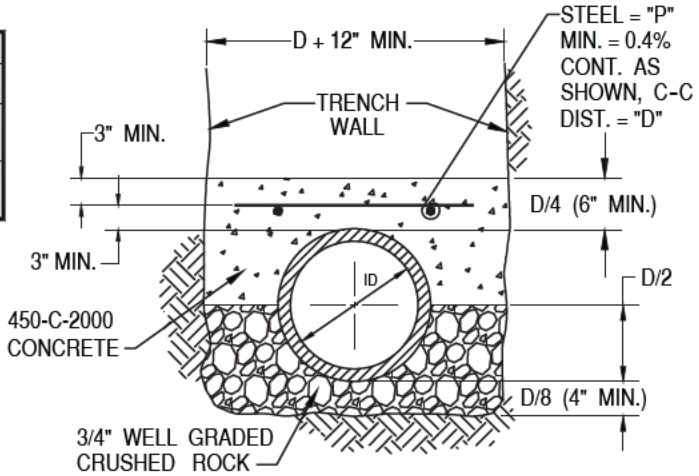
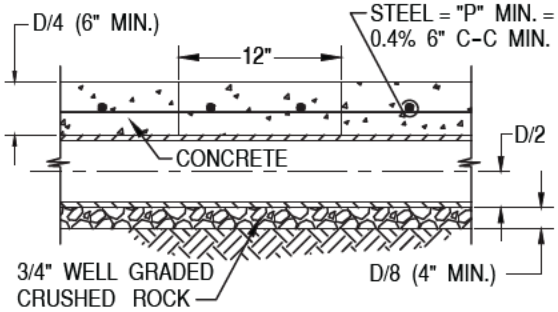
DIMEN-SIONS	PIPE I.D.										
	6"	8"	10"	12"	14"	16"	18"	21"	24"	27"	30"
"A"	6"	6"	6"	6"	6"	6"	6"	6"	6"	7"	8"
"B"	6"	6"	6"	6"	6"	6"	6"	6"	6"	7"	8"

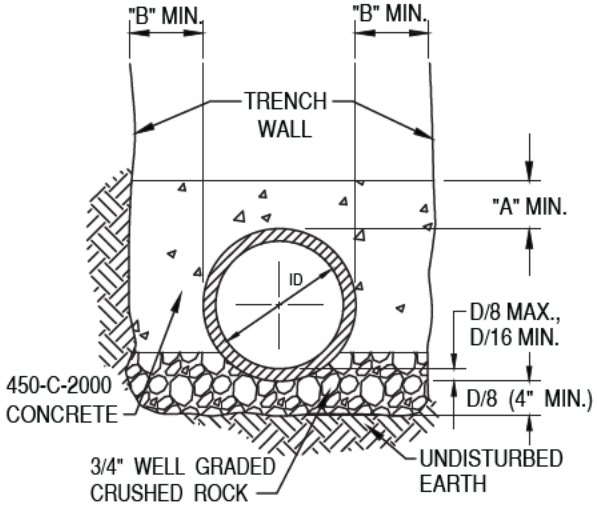


CONCRETE ENCASEMENT NO. 1

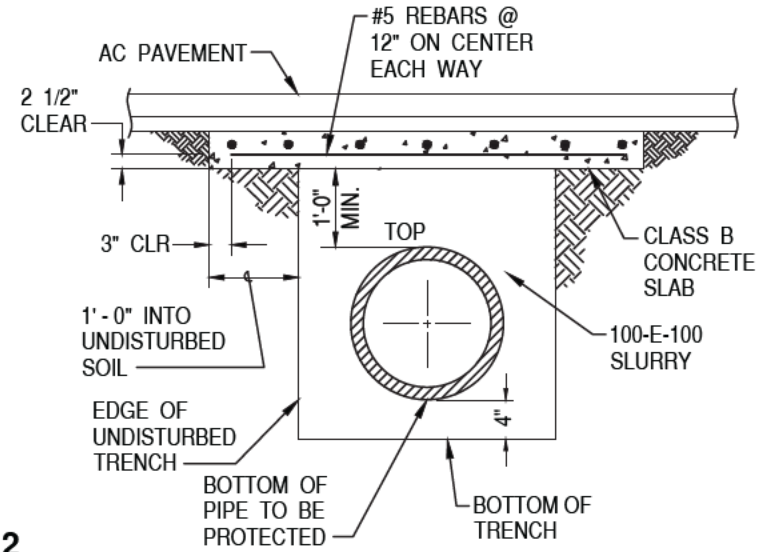




REINFORCED CONCRETE CAP CLASS "AA"



CONCRETE ENCASEMENT NO. 2



CONCRETE CAP-CLASS "A"

NOTES:

1. CONCRETE ENCASEMENT AND CAPS SHALL BE INSTALLED AS REQUIRED BY THE SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.
2. ALL CONCRETE SHALL BE CLASS 560-3250 CONCRETE.
3. USE CONCRETE ENCASEMENT NO. 2 UNLESS OTHERWISE APPROVED BY THE ENGINEER OR SHOWN ON THE CONTRACT DRAWINGS.
4. BASED ON 1.25 FACTOR OF SAFETY REFER N.C.P.I. MANUAL, SOIL WT. 130 LB/CU. FT DEPTHS OVER 30' MAY BE CALCULATED FROM MARSTON'S FORMULA. X DENOTES DISTANCE AT WHICH TRENCH WIDTH MAY BE INCREASED WITHOUT ADDING TO THE WEIGHT ON THE PIPE.
5. "P" = RATIO OF AREA OF STEEL TO AREA OF CONCRETE PER LINEAR FOOT (D/4 OR 4" x 12" CONCRETE AREA).
6. CONCRETE CAN BE POURED AGAINST TRENCH WALL (OPTIONAL)
7. BEDDING CONDITIONS ARE AS FOLLOWS:
   A. BEDDING CLASS SHALL BE EQUAL OR EXCEED THAT GIVEN IN THE APPLICABLE TABLES PER STANDARD DRAWING S-8.
   B. CLASS "A" SHALL BE USED FOR SEWERS WHEREVER DEPTH OF COVER IS LESS THAN 4'.
   C. CONSOLIDATED BACKFILL BEDDING BY FLOODING IS NOT PERMITTED.
   D. DEPTHS OF COVER GREATER THAN 20' REQUIRE A SOIL INVESTIGATION AND ANALYSIS BY THE ENGINEER.
8. TWO APPROVED FLEXIBLE COUPLINGS SHALL BE USED AT EACH END OF SEWER PIPE ENCASEMENTS.

APPROVED:

3/2/2020

District Engineer — Date

3/2/2020

Latest Revision Date

VALLEY CENTER MUNICIPAL WATER DISTRICT
STANDARD DRAWING

NOT TO SCALE

CONCRETE ENCASEMENT

DWG. NUMBER

S-2