



- (A) SDR - 35 OR PIPE STIFFNESS OF 46 PSI PER ASTM D2412
- (B) SDR - 35 IF SOIL REPORT SUBSTANTIATES THE ASSUMPTIONS IN NOTE 1, OTHERWISE USE SDR-26, IN LIEU OF THE SOIL REPORT

NOTE:

1. THIS STANDARD DRAWING SHALL BE USED ONLY WHERE EXISTING SOIL CONDITIONS ARE STABLE. STABLE SOIL IS DEFINED AS STANDARD PENETRATION TEST BLOW COUNT EQUAL TO OR GREATER THAN 13 BLOWS PER FOOT OR SHEAR STRENGTH GREATER THAN 750 PSF. OBTAINED FROM UNCONFINED COMPRESSION TEST.
2. STANDARD DESIGN ASSUMPTION: $K_b = .110, D_L = 1.0, E' = 750 \text{ psi}$
 $W_C = \text{PRISM LOAD @ } W = 125 \text{ LB/FT}^3$
3. SEE PIPE BEDDING AND TRENCH BACKFILL DRAWING.
4. INSTALLATIONS IN GROUND WATER SHALL REQUIRE A SPECIAL DESIGN.
5. DESIGN REF.: ASCE MANUALS AND REPORTS ON ENGINEERING PRACTICE - NO. 60 "GRAVITY SANITARY SEWER DESIGN AND CONSTRUCTION."

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE
ORIGINAL		J. MUELLER	6-15-83		
UPDATED		J. CASEY	8-26-86	PERMISSIBLE DEPTH OF COVER FOR PVC PIPE	COORDINATOR R.C.E. 56523 DATE 1/30/14
UPDATED		J. CASEY	11-8-88		
UPDATED	KA	J. NAGELVOORT	01/12		
UPDATED	KA	J. NAGELVOORT	01/14		
					DRAWING NUMBER SDS-101