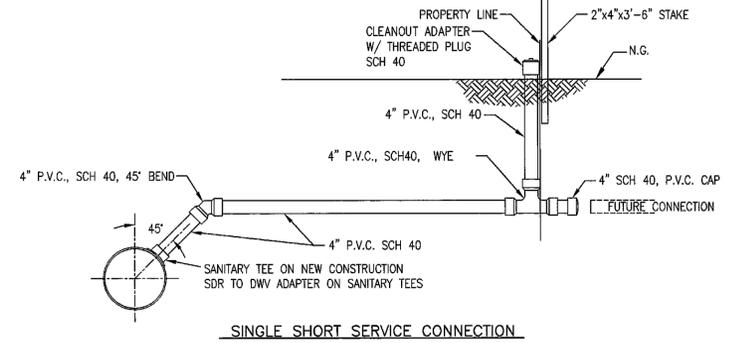
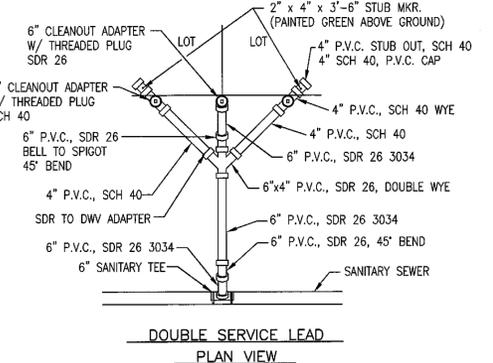


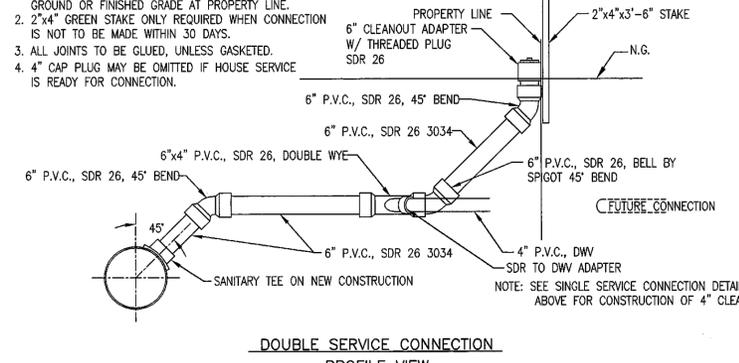
SINGLE SERVICE LEAD



SINGLE SHORT SERVICE CONNECTION

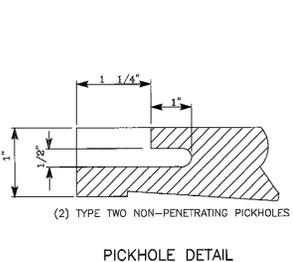


DOUBLE SERVICE LEAD PLAN VIEW

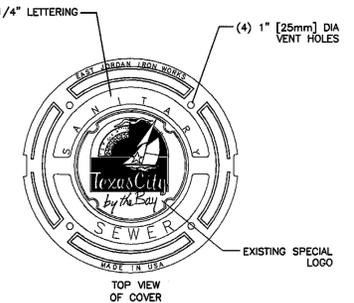


DOUBLE SERVICE CONNECTION PROFILE VIEW

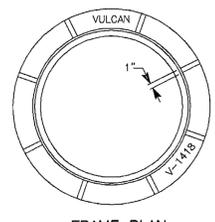
- NOTES:**
1. CLEANOUTS TO BE EXTENDED TO JUST ABOVE NATURAL GROUND OR FINISHED GRADE AT PROPERTY LINE.
 2. 2"x4" GREEN STAKE ONLY REQUIRED WHEN CONNECTION IS NOT TO BE MADE WITHIN 30 DAYS.
 3. ALL JOINTS TO BE GLUED, UNLESS GASKETED.
 4. 4" CAP PLUG MAY BE OMITTED IF HOUSE SERVICE IS READY FOR CONNECTION.



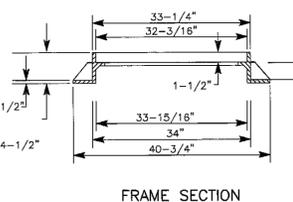
PICKHOLE DETAIL



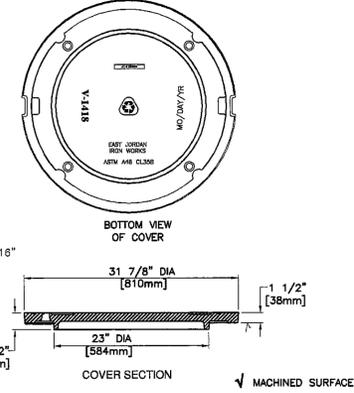
TOP VIEW OF COVER



FRAME PLAN

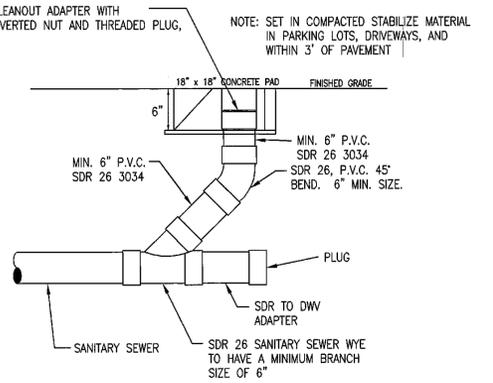


FRAME SECTION

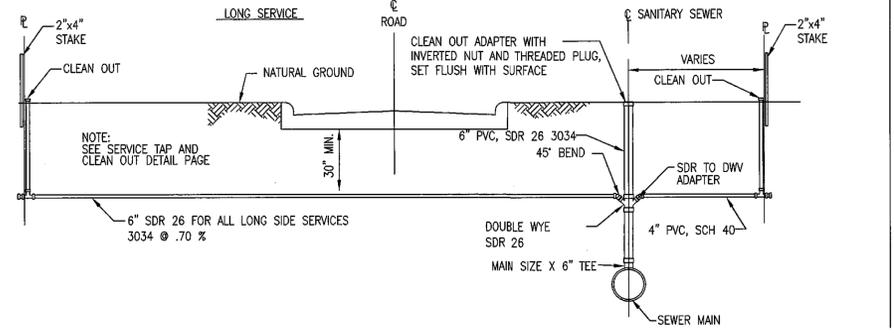


BOTTOM VIEW OF COVER

STANDARD TEXAS CITY MANHOLE RING AND COVER



- NOTES:**
1. CASING REQUIRED FOR ALL HIGHWAY CROSSINGS AND STREETS DESIGNATED BY THE CITY.
 2. SEWER MAINS WITH A DEPTH OF 8' OR MORE WILL BE CONSIDERED DEEP CUT.
 3. SEE PAGE 17 FOR SERVICE LEAD CONNECTIONS.
 4. CONCRETE TO PLACE AROUND TAPPING SADDLES.
 5. HIGHWAY CROSSING THAT REQUIRE 6" SDR 26 3034 SHALL HAVE A CASING OF 10".



LONG SERVICE



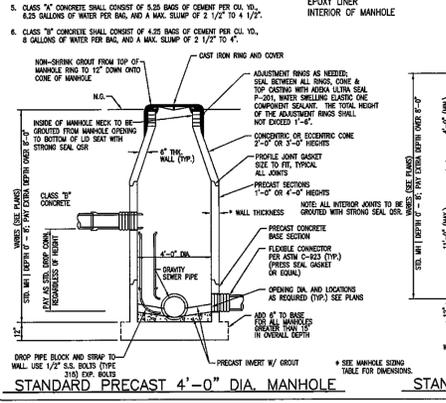
SHORT SERVICE

MANHOLE SIZING TABLE

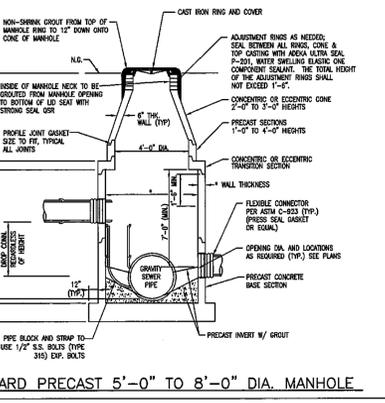
MANHOLE DIA.	WALL THICKNESS	MAX. PIPE SIZE O.D.	
		From Street TO 4' DIA.	if 9' DIA.
4 ft.	6 in.	31 1/2 in.	25 in.
5 ft.	6 in.	42 in.	32 in.
6 ft.	7 in.	51 in.	38 in.
7 ft.	7 in.	59 in.	44 in.
8 ft.	7 in.	73 1/2 in.	50 in.

NOTE: ANY SANITARY MANHOLE INSTALLED WITHIN STREET PAVING REQUIRED BOLT DOWN LID

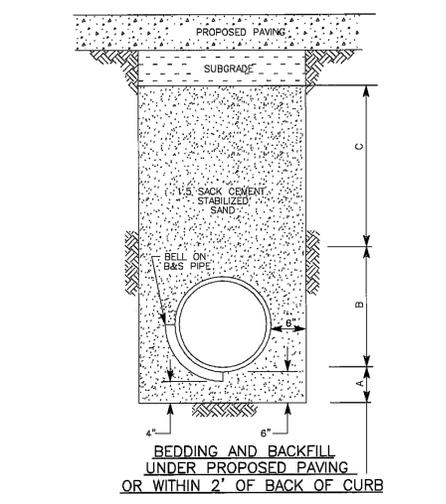
NOTE: INFLOW RISKS TO BE USED AS REQUIRED, AND WILL BE MADE OF STAINLESS STEEL WITH A STAINLESS STEEL CABLE TETHERED TO MANHOLE AND WILL BE STAMPED CITY OF TEXAS CITY.



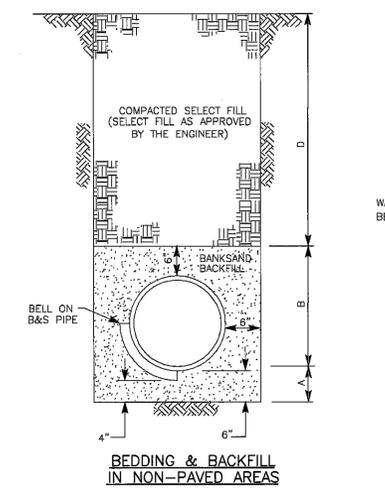
STANDARD PRECAST 4'-0" DIA. MANHOLE



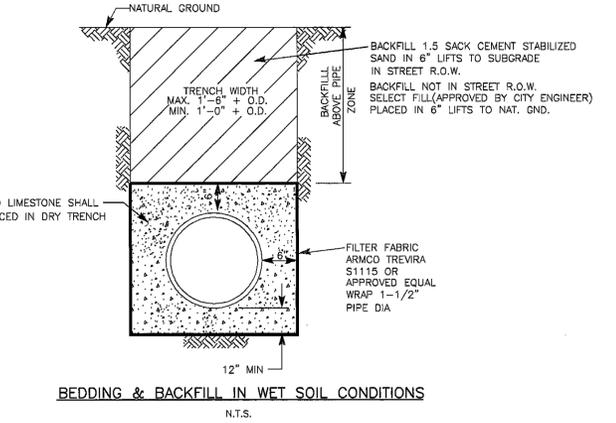
STANDARD PRECAST 5'-0" TO 8'-0" DIA. MANHOLE



BEDDING AND BACKFILL UNDER PROPOSED PAVING OR WITHIN 2' OF BACK OF CURB



BEDDING & BACKFILL IN NON-PAVED AREAS



BEDDING & BACKFILL IN WET SOIL CONDITIONS