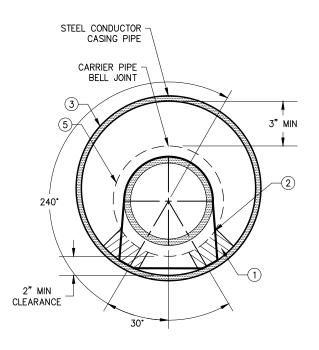
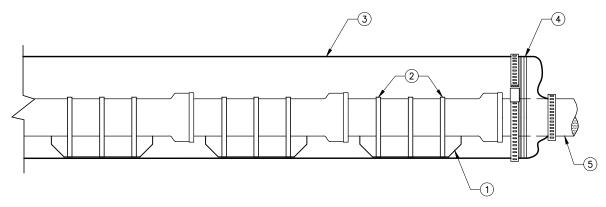
FOR VITRIFIED CLAY PIPE (VCP)									
CARRIER PIPE			CASING PIPE						
NOMINAL SIZE	OUTER DIAMETER	BELL DIAMETER	NOMINAL SIZE	MIN WALL THICKNESS	NOMINAL SIZE				
8"	10.0"	12.5"	18"	1/4"	3" X 3"				
10"	12.7"	15.9"	20"	5⁄ <sub>16</sub> "	3" X 3"				
12"	15.2"	18.8"	24"	5∕ <sub>16</sub> "	4" X 4"				
15"	18.7"	23.1"	30"	3∕8"	4" X 4"				

FOR POLYVINYLCHLORIDE PIPE (PVC)									
CARRIER PIPE			CASING PIPE						
NOMINAL SIZE	OUTER DIAMETER	COUPLE DIAMETER	NOMINAL SIZE	MIN WALL THICKNESS	NOMINAL SIZE				
8"	8.625"	10.19"	16"	1/4"	3" X 3"				
10"	10.750"	12.44"	18"	5∕16"	3" X 3"				
12"	12.750"	14.65"	20"	<sup>5</sup> ⁄16"	4" X 4"				
16"	16.000"	17.40"	24"	¾°"	4" X 6"				





## **CONSTRUCTION NOTES:**

- (1) UNFINISHED REDWOOD SKIDS 3 FEET LONG, BEVELED AT BOTH ENDS. NOTCH SKIDS TO SEAT STRAPS. SIZE PER TABLE.
- 2) STAINLESS STEEL BAND STRAPS. 8 GAUGE BY ¾" WIDE. INSTALL 3 STRAPS PER SKID.
- (3) STEEL CASING PIPE. MINIMUM THICKNESS PER TABLE.
- 4 SYNTHETIC RUBBER CASING END SEAL. 1/8" THICK, MODEL "C" END SEAL AS MANUFACTURED BY PIPE SEAL INSULATOR, INC.
- (5) CARRIER PIPE. EXTRA STRENGTH VCP OR SDR-35 PVC GASKETED RESTRAINED-JOINT YELOMINE SEWER PIPE AS MANUFACTURED BY CERTAINTEED CORPORATION.

## **GENERAL NOTES:**

- 1. CASING SHALL BE INSTALLED BY THE BORE, JACK AND/OR TUNNEL METHOD.
- 2. SIZE AND THICKNESS OF CASING SHALL BE AS SHOWN IN SCHEDULE. THICKNESSES ARE MINIMUMS.
- ALL STEEL CASING PIPE FIELD JOINTS SHALL BE BUTT-WELDED FULL-CIRCUMFERENCE.
- 4. SKIDS SHALL BE UNFINISHED REDWOOD. STEEL CASING INSULATORS MAY BE SUBSTITUTED BY SPECIAL PERMISSION.
- 5. FOR PVC CARRIER PIPE, SKIDS SHALL BE WITHIN 1 FOOT OF EACH PIPE END & AT MID-SPAN.
- 6. EACH END OF CASING SHALL BE SEALED AS INDICATED.
- 7. BACKFILL FOR CASING IN OPEN CUT SHALL BE IN ACCORD WITH STD 323.
- CASING VOIDS SHALL NOT BE FILLED WITH SAND OR GROUT WITHOUT SPECIAL PERMISSION. SEAL ENDS ONLY.

FORMER CITY STANDARD PLAN NUMBER (2004 EDITION): STD 410-L

APP. TITY OF NEWDORT PEACH DEPARTMENT OF DURI TO MODICS

CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS

DRAWN: P. KHARAZMI

11/3/2020

CASED SEWER MAIN FOR HIGHWAY CROSSINGS

STANDARD DRAWING NO.

SHEET 1 OF 1