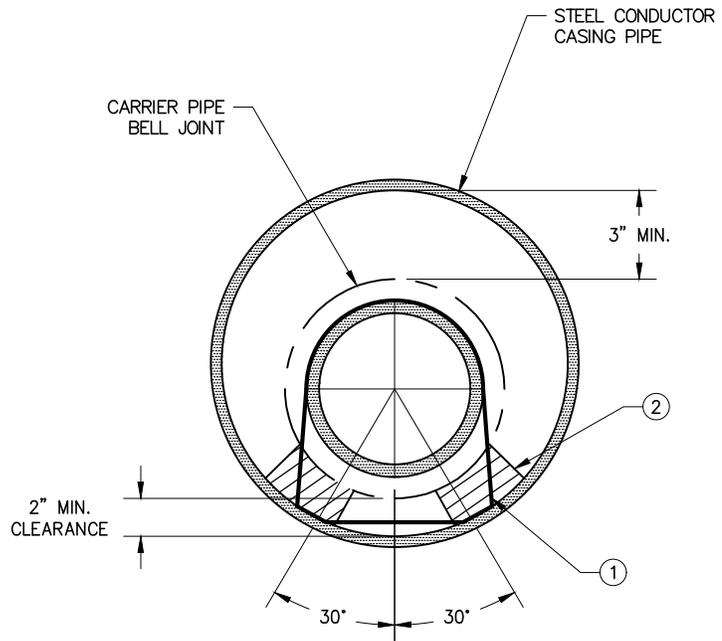


STEEL CONDUCTOR CASING FOR DIP & PVC PIPE			
	MINIMUM CASING SIZE	MIN. WALL	SKIDS
4"	12 3/4" O.D.	1/4"	2" x 2" UNFINISHED REDWOOD
6"	12 3/4" O.D.	1/4"	
8"	16" O.D.	1/4"	
12"	24" O.D.	5/16"	4" x 4" UNFINISHED REDWOOD
16"	24" O.D.	3/8"	



### CONSTRUCTION NOTES

- ① UNFINISHED REDWOOD SKIDS 3 FEET LONG BEVELED AT BOTH ENDS FOUR (4) SKIDS PER LENGTH OF PIPE TO BE STRAPPED IN PLACE, 3 FEET FROM EACH END OF PIPE. NOTCH SKID TO SEAT STRAP. STAINLESS STEEL BAND STRAPS.
- ② 8 GAUGE BY 1" WIDE. INSTALL THREE (3) STRAPS PER SKID. TENSION STRAPS SNUGLY TO CARRIER PIPE AND SKIDS.

### GENERAL NOTES

- 1. CASING SHALL BE INSTALLED BY THE BORE, JACK AND/OR TUNNEL METHOD.
- 2. BACKFILL FOR CASING IN OPEN CUT SHALL BE IN ACCORD WITH STD 323.
- 3. ALL STEEL CASING PIPE FIELD JOINTS SHALL BE BUTT WELDED, FULL CIRCUMFERENCE.
- 4. SKIDS SHALL BE UNFINISHED ROUGH-SAWN REDWOOD.
- 5. EACH END OF CASING SHALL BE SEALED WITH BANDED RUBBER CASING SEALS.
- 6. SIZE AND THICKNESS OF CASING SHALL BE AS SHOWN IN SCHEDULE. THICKNESSES ARE MINIMUMS. (FOR LONG BORES OR SPECIAL SITUATIONS, THICKER WALL PIPE MAY BE REQUIRED BY ENGINEER.)
- 7. A.C. PIPE SHALL NOT BE PLACED IN CASINGS.
- 8. STEEL PIPE SHALL NOT BE PLACED IN CASINGS.
- 9. ALL CARRIER PIPE JOINTS INSIDE THE CONDUCTOR CASING SHALL HAVE RESTRAINED OR HARNESSED JOINTS.
- 10. MANUFACTURED CASING SPACER SKIDS MAY BE CONSIDERED AS AN ALTERNATE TO WOOD SKIDS.

FORMER CITY STANDARD PLAN NUMBER (2004 EDITION): STD 529-L

APP. 	51568	11/24/2020		
CITY ENGINEER	RCE	DATE	NO.	DATE
			DESCRIPTION OF REVISIONS	

## CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS

DRAWN: M. ELIAS	<h1>CASED WATER MAIN CROSSINGS</h1>	STANDARD DRAWING NO.
DATE: 11/3/2020		<h1>524</h1>
		SHEET 1 OF 1