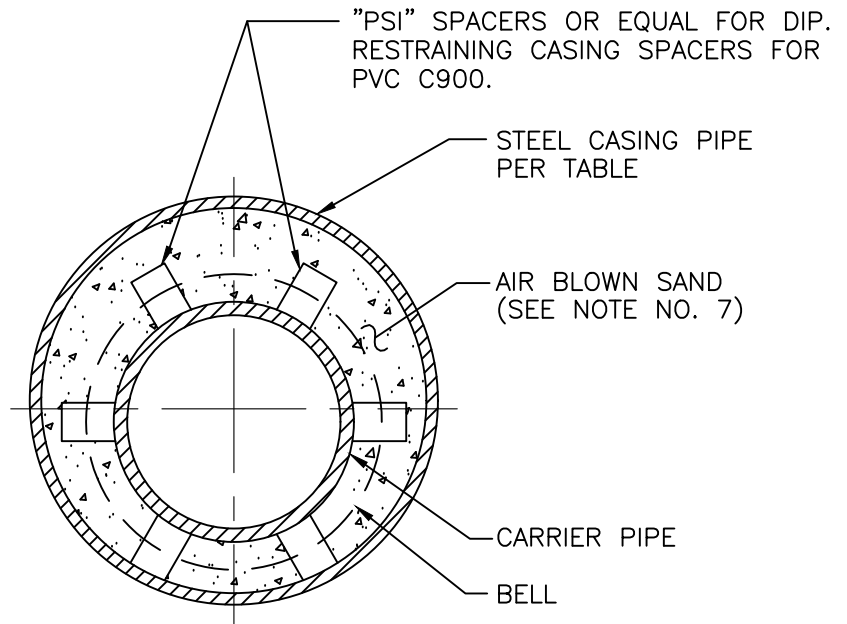


PIPE SIZE	MIN. CASING SIZE	MIN. WALL THICKNESS
6"	16" I.D.	1/4"
8"	18" I.D.	1/4"
10"	21" I.D.	5/16"
12"	24" O.D.	5/16"



CROSS SECTION

NOTES:

- CASING SHALL BE INSTALLED BY THE BORE, JACK AND/OR TUNNEL METHOD.
- "PSI" SPACERS MODEL C8G-2 OR APPROVED EQUAL SHALL BE PROVIDED PER MANUFACTURER'S RECOMMENDATIONS FOR DIP CONSTRUCTION.
- MINIMUM SIZE AND MINIMUM THICKNESS OF CASING SHALL BE AS SHOWN IN TABLE.
- ALL CASING SECTIONS TO BE JOINED BY CONTINUOUS WELD.
- EACH END OF CASING SHALL BE SEALED WITH "LINK SEAL" OR A "PSI" MODEL C END SEAL OR APPROVED EQUAL.
- ALL PIPE JOINTS WITHIN THE CASING SHALL BE RESTRAINED WITH EBAA IRON RESTRAINER SERIES 1100 MEGALUG FOR DIP OR FORD UFRCS 1390 RESTRAINING CASING SPACER FOR PVC C900 OR APPROVED EQUAL.
- UNLESS OTHERWISE NOTED ON THE PLANS, THE ANNULAR SPACE WITHIN THE CASING SHALL BE FILLED WITH AIR BLOWN SAND.
- INSTALLATION RECOMMENDATIONS FOR PVC C900 CONSTRUCTION:  
EACH PIPE BELL JOINT WITHIN CASING SHALL BE RESTRAINED AND SUPPORTED WITH A FORD METER BOX COMPANY UFRCS 1390 RESTRAINING CASING SPACER. ADDITIONALLY, MANUFACTURER RECOMMENDS A UFRCS 1300 BE INSTALLED EVERY TEN FEET (10') OF THE PIPELINE. FOR 4"-8" CARRIER PIPE, RUNNERS SHALL BE INSTALLED ON TIE ROD EARS AND CLAMPING BOLT PADS. TOTAL OF FOUR (4) ON THE UFRCS 1300 AND EIGHT (8) ON THE UFRCS 1390. FOR 10" AND 12" CARRIER PIPE, RUNNERS SHALL BE INSTALLED ON TIE ROD EARS. TOTAL OF FOUR (4) FOR UFRCS 1300 AND EIGHT (8) FOR UFRCS 1390.

*David D. Dief* 1/31/2023  
CITY WATER MANAGER

*James B.* 1/31/2023  
CITY ENGINEER

*John A.* 1/31/2023  
PUBLIC WORKS DIRECTOR

CITY OF ORANGE WATER DIVISION STANDARDS

OWD STD. DWG.

STEEL CASING PIPE

OWD-114

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