



FILL ANNULAR SPACE WITH CONTROLLED DENSITY FILL (CDF) MEETING THE REQUIREMENTS OF WSDOT STANDARD SPECIFICATION 2-09.3(1)E

STEEL CASING, THICKNESS AS REQUIRED PER TRENCH LOADING AND USACE EM 1110-2-2902, TABLE 8-1

1" 316 STAINLESS STEEL BAND OR CLAMP WITH CORROSION PROOF FASTENERS

30 MIL MEMBRANE PVC LINER MATERIAL OVERLAP 4" MIN ON BOTH ENDS

O.D. OF BELL, JOINT OR GLAND

CARRIER PIPE

HDPE PLASTIC SKIDS

**SECTION VIEW**

STEEL CASING

CARRIER PIPE

EQ EQ  
CENTER LINER MATERIAL OVER END OF CASING

**END SEAL DETAIL**

CLEARANCE DISTANCE		
Carrier Pipe Size	B <sub>C</sub>	T <sub>C</sub>
6" or less	1/2"	3/4"-1"
8"	3/4"	1-1 1/2"
10"	3/4"	1-1 1/2"
12"	3/4"	1-1 1/2"
14"	1"	1-1 1/2"
16"	1"	2-3"

**THRU LEVEE ENCASUREMENT  
STANDARD INSTALLATION DETAIL**

8/2020	new standard	TC	ANB	ANB	ANB
REV	ISSUE	DWG	DES	CHK	APP



DRAWING NO. C-4  
1 of 1  
DATE: AUG 2020  
DESIGN: ANB  
DRAWN: TC