

PIPE DIAM	GAGE	NOMINAL DIAPHRAGM SIZE	FABRICATION DIMENSIONS	
			W(WIDTH)	H(HEIGHT)
8	16	58 X 58	58 1/2	30 1/2
10	16	58 X 58	58 1/2	30 1/2
12	16	60 X 60	64	32 1/2
12	16	72 X 72	72	38 1/2
15	16	63 X 63	68	34
15	16	75 X 75	75	41
18	16	66 X 66	69 1/4	35 1/2
18	16	78 X 78	77 1/4	41 1/2
21	16	69 X 69	72	37
21	16	81 X 81	82	42 1/2
24	14	72 X 72	72	38 1/2
24	14	84 X 84	88	44 1/2
30	14	78 X 78	82 1/2	41 1/2
30	14	90 X 90	93 1/4	47 1/2
36	14	84 X 84	88	44 1/2
36	14	96 X 96	96	50 1/2
42	14	90 X 90	93 1/4	47 1/2
42	14	102 X 102	101 1/4	53 1/2
48	14	96 X 96	96	50 1/2
48	14	106 X 106	112	56 1/2

NOTES:

1. Materials and fabrication shall be in accordance with ASTM A760, A762 and A885.
2. Coupling band including laps shall be sealed with asphalt cement.
3. Each pipe joint shall be wrapped with a minimum 4' wide double layer of filter cloth located outside the coupling band. Ends shall be lapped a minimum of 12" with the lap located at the top of the pipe. Fabric to be attached to pipe by loops of 16 gage galvanized wire tightly twisted. Wire loops to be spaced as needed to secure fabric around pipe but not to exceed 12".
4. Watertight coupling bands may be installed as shown by Standard Drawing 29-L-221 if specified.
5. Anti-seep collars and coupling bands shall have same gage, class and coating as pipe. All rods and lugs shall be galvanized.
6. Unassembled anti-seep collars shall be marked to identify matching pairs.
7. Welds and damaged areas of the coating shall be wire brushed and covered with 2 coats of zinc oxide paint. Field welding not permitted.
8. The lap between the half sections of the anti-seep collar and the entire inside of the anti-seep coupling bands shall be coated with asphalt mastic at the time of installation. Corrugations of pipe at anti-seep band shall be totally filled with the asphalt mastic.
9. The pipe shall be installed with the outside laps of circumferential joints pointing upstream and with longitudinal laps at the side of the pipe.

Date _____

Designed _____

Drawn _____

Checked _____

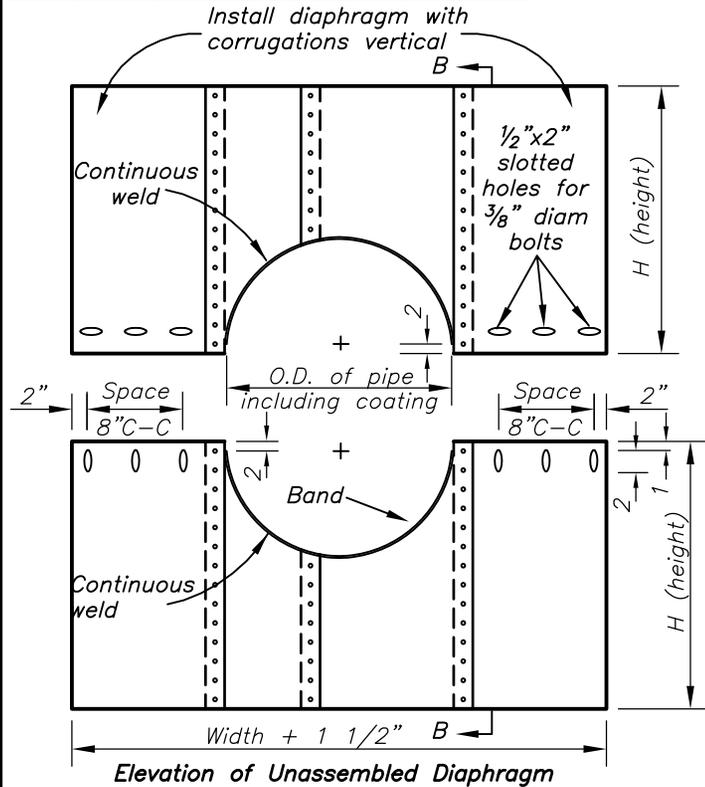
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DETAILS FOR COUPLING BANDS AND DIAPHRAGMS FOR HELICAL CMP

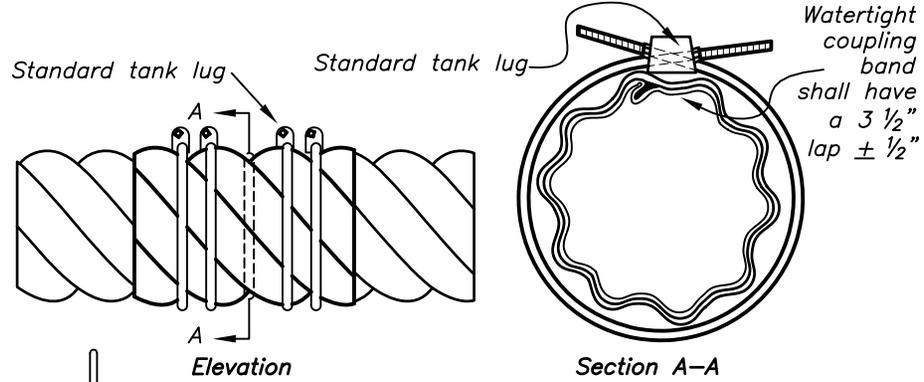


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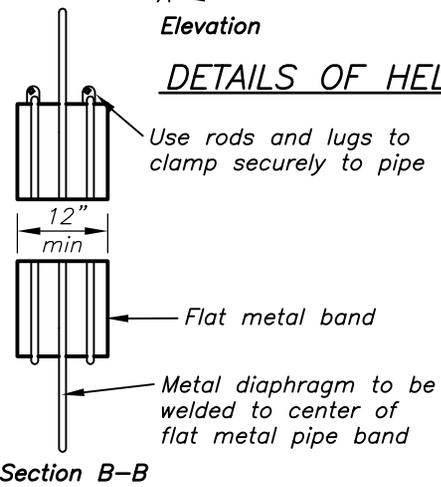
Drawing Name **29-L-222**



DETAILS OF CORRUGATED METAL DIAPHRAGM



DETAILS OF HELICAL METAL BAND



DRAFT

NOT FOR CONSTRUCTION