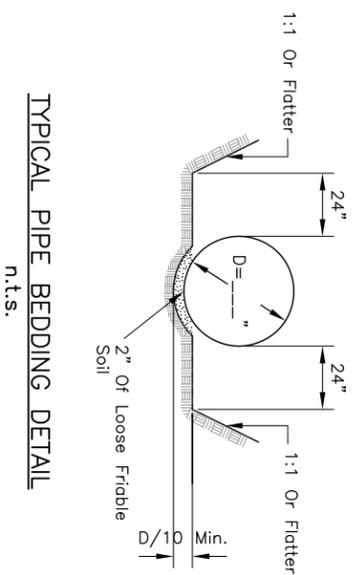
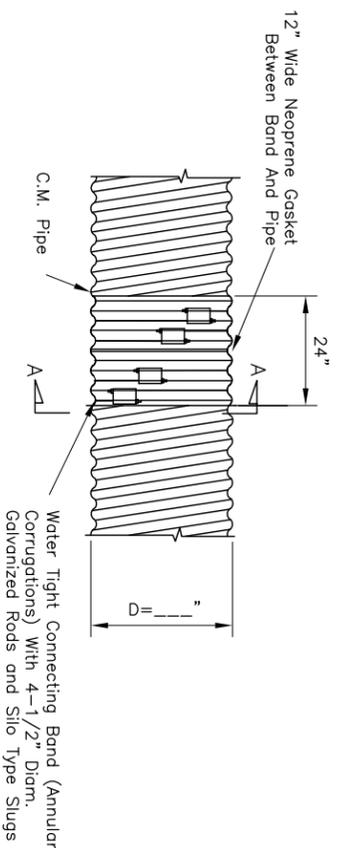


**NOTES FOR CORRUGATED METAL PIPE (C.M.P.)**

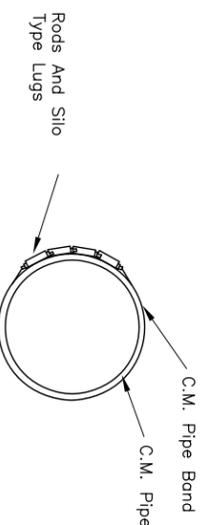
- The type corrugated metal pipe to be used shall be:
  - Coated corrugated steel pipe in conformance with NRCS material specification 551, or
  - Aluminum corrugated pipe in conformance with NRCS material specification 552
- The corrugated metal pipe shall be Type \_\_\_\_\_ with (annular) (helical) corrugations. The corrugations shall be \_\_\_\_\_ " x \_\_\_\_\_". The pipe shall be \_\_\_\_\_ diameter with \_\_\_\_\_ gage thickness. Type of coating for the pipe shall be \_\_\_\_\_.
- The pipe shall be equipped with a minimum of four re-rolled annular corrugations compatible with the water tight coupling band except where a mitered end is specified.
- The coupling bands shall be the same material and coating as the pipe and shall be \_\_\_\_\_ gage thickness. All coupling bands shall be water tight and shall be annular corrugated bands with a 12 in. wide continuous neoprene gasket. Each coupling band shall be connected to the pipe by a minimum of four (4) galvanized slio rods and tank lugs. Width of coupling bands shall be 24 in. Neoprene gaskets shall be 3/8 in. thick, have an unstretched diameter 10% less than the nominal pipe size and shall comply with ASTM D-1056, Grade SCE-43.



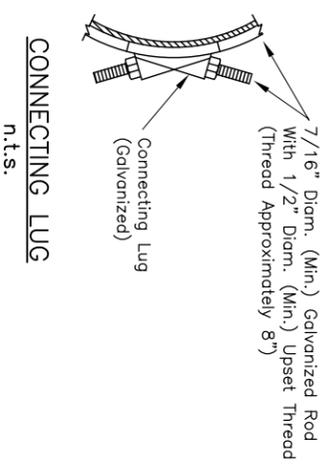
**TYPICAL PIPE BEDDING DETAIL**  
n.t.s.



**SIDE VIEW**  
n.t.s.



**SECTION A-A**  
**CORRUGATED METAL CONNECTING BAND**  
n.t.s.



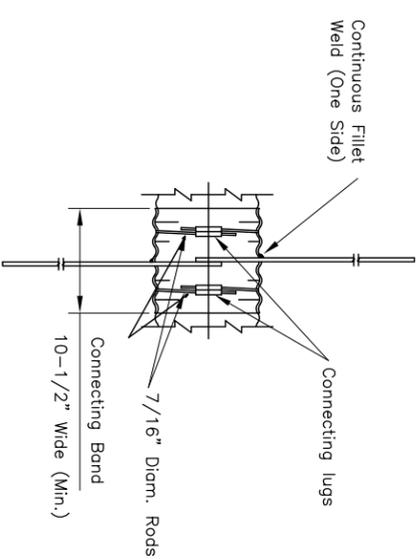
**CONNECTING LUG**  
n.t.s.

- See profile along centerline of principal spillway, sheet \_\_\_\_\_ of \_\_\_\_\_, for the location and spacing of the antiseep collars.
- Unassembled antiseep collars shall be marked by painting or tagging to identify matching pairs.
- For annular pipe, the connecting bands shall be fabricated from corrugated metal. A dimpled band or a band fabricated from smooth steel shall be used for helical pipe.
- The laps between all sections of the antiseep collar and between the pipe and connecting band shall be caulked with a heavy coat of fibrated mastic or a neoprene gasket. Use latex caulk for openings greater than 1/8 inch. Each antiseep collar shall be furnished with either two 7/16" diameter rods x 2" x 3/16" angles and 1/2" x 4-1/2" carriage bolts.
- Use 3/8" x 1" machine bolts to connect the upper and lower halves of the antiseep collar.
- For pipe diameters of 8" to 30", iron or steel collar thickness shall be 0.064" (16 Gage), or aluminum alloy shall be 0.060". For pipe diameters of 36" to 48", iron or steel collar thickness shall be 0.079" (14 Gage), or aluminum alloy shall be 0.075".

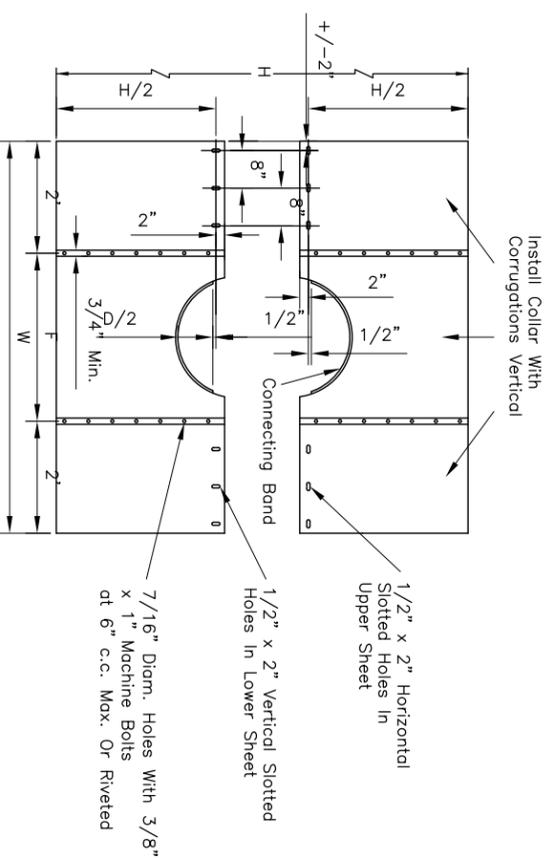
**ANTI-SEEP COLLAR DETAILS**

Minimum Dimensions for C.M. Pipe Antiseep Collars (in. inches)			
Pipe Diam. D	F	W	H
8	18	66	66
10	18	66	66
12	24	72	72
15	27	75	75
18	30	78	78
21	33	81	81
24	36	84	84
30	42	90	90
36	48	96	96
42	54	102	102
48	60	108	108

\* Nominal dimensions shown may be used for any pipe diameter listed.



**SIDE ELEVATION**  
n.t.s.



**FRONT ELEVATION**  
n.t.s.

All Antiseep Laps Shall Be Caulked Prior To Riveting Or Assembly. See Note 4.

Date \_\_\_\_\_

Designed \_\_\_\_\_

Drawn \_\_\_\_\_

Checked \_\_\_\_\_

Approved \_\_\_\_\_

**Corrugated Metal Pipe Details**



File No. FL-378c.dwg  
Drawing No. \_\_\_\_\_

DATE	APPROVED	TITLE
10/08	J.T. WILSON	ST.CONSRV/ENG

CORRUGATED METAL PIPE DETAILS		
STANDARD DWG. NO.	FL-378C	SHEET OF
DATE:	04/03	