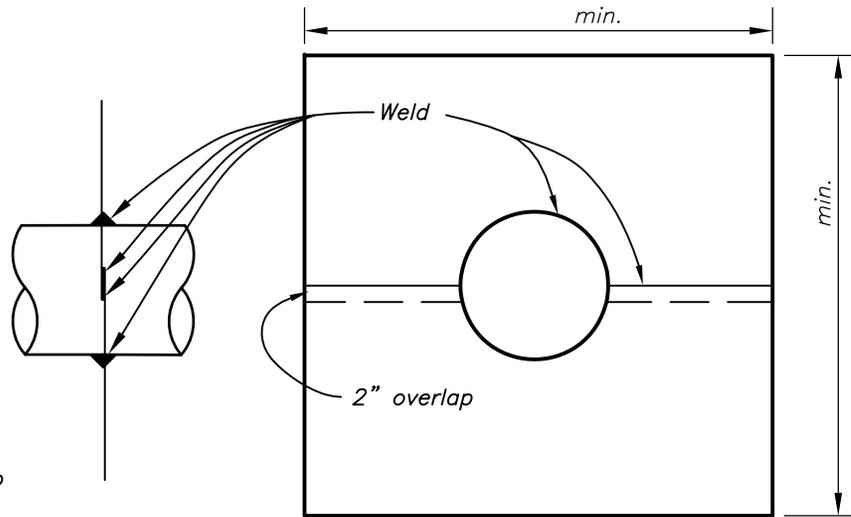
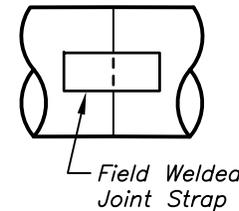


**NOTES:**

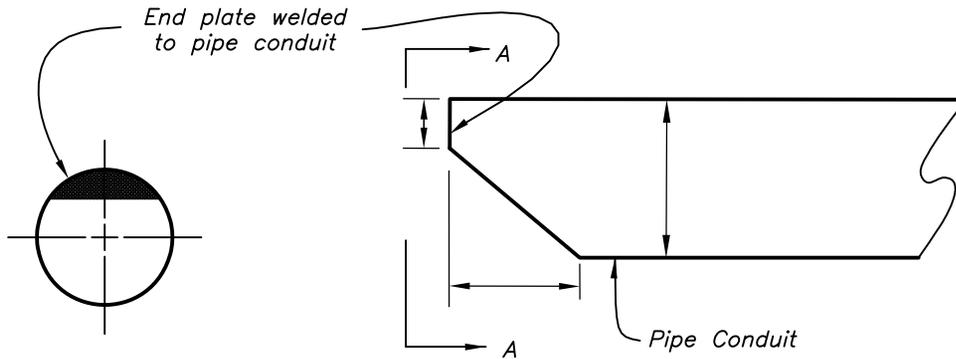
1. All welds shall be watertight.
2. All pipe shall have a minimum thickness of \_\_\_\_\_ inches.
3. All steel plates shall have a minimum thickness of \_\_\_\_\_ inches unless otherwise specified.
4. All welds shall be watertight. Weld 2"x10"x1/4" steel straps across all field welded joints with 1/8" fillet welds. Straps shall be flush with pipe surface. On 6 to 8 inch diameter WSP joints, weld three straps equally spaced around the pipe. On 8-1/2 to 15 inch diameter WSP joints, weld four straps equally spaced around the pipe. On pipe larger than 15-inch diameter, strap spacing shall not exceed 12" c.c. except the number of straps need not exceed 8 on pipe sizes 30-inch dia. thru 40-inch dia. Welds on pipe joints shall be either (a) or (b):
  - (a) Single "V" groove weld, 60 degree angle bevel, root face and gap measurements 0 to 1/8". The "V" is to be completely filled.
  - (b) Square groove weld, root face and gap measurements 0 to 1/8". Make two complete passes around the pipe.
5. Bolted connection shall have a minimum 3/8" galvanized steel bolt with nuts, lock and flat washers. Maximum bolt spacing shall be 6 inches.
6. For further details see Missouri Construction Specification 378, Pipe Spillway.



ANTI-SEEP COLLAR



JOINT DETAIL



SECTION A-A

SECTION ALONG C OF PIPE

INLET SECTION

9/07

Not to Scale

Date	_____
Designed	_____
Drawn	_____
Checked	_____
Approved	_____

**DETAILS OF  
WELDED STEEL PIPE  
CANOPY INLET**

United States Department of Agriculture  
Natural Resources Conservation Service



DRAFT

NOT FOR  
CONSTRUCTION

File Name	_____
Drawing Name	<b>29-L-122B</b>
Sheet	of _____