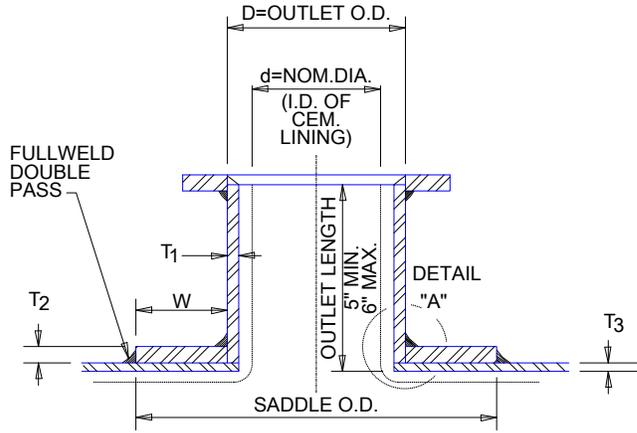
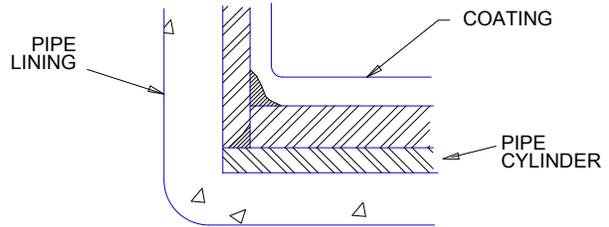
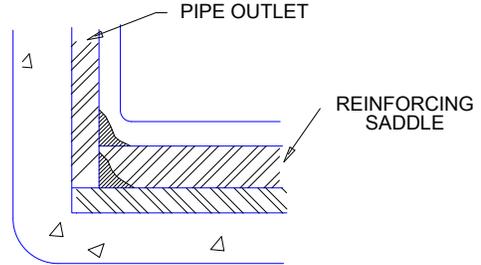


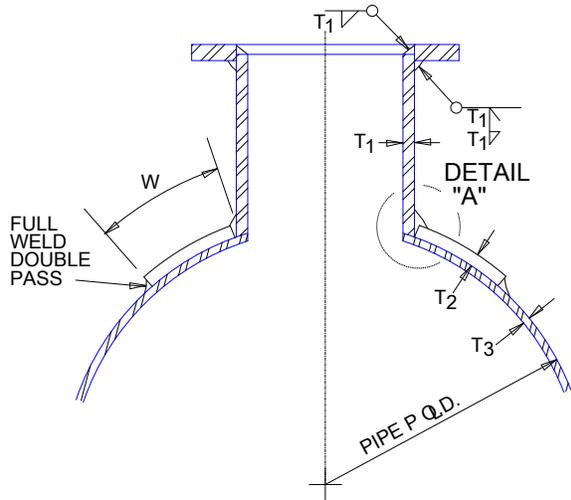
ALL WELDS TO BE FULL-WELD, DOUBLE-PASS  
REPAIR COATING TO CONDITION



LONGITUDINAL SECTION



DETAIL "A"  
ALTERNATIVES



TRANSVERSE SECTION

| OUTLET |                       | SADDLE             |      |
|--------|-----------------------|--------------------|------|
| d      | T <sub>1</sub> (min.) | T <sub>2</sub> X W | O.D. |
| 4"     | 12 ga.                | 5/16" X 2"         | 10"  |
| 6"     | 12 ga.                | 3/8" X 3"          | 13"  |
| 8"     | 12 ga.                | 3/8" X 4"          | 17"  |
| 10"    | 10 ga.                | 3/8" X 5"          | 21"  |
| 12"    | 3/16"                 | 1/2" X 6"          | 25"  |

GENERAL NOTES:

1. OUTLETS ARE DESIGNED FOR MAXIMUM PRESSURE OF 225 PSI. IF GREATER TEST PRESSURE IS REQUIRED, CONTACT DISTRICT FOR NEW SIZES.
2. FABRICATION TO BE AS PER LATEST API-ASME CODE FOR UNFIRED PRESSURE VESSELS.



APPROVED DATE: January 1, 2011

*Joseph H. Hensley*

DIRECTOR OF ENGINEERING

STANDARD DRAWING  
REINFORCED PIPE OUTLETS  
STEEL CYLINDER PIPE

STD. DWG.  
NO.

W-0140