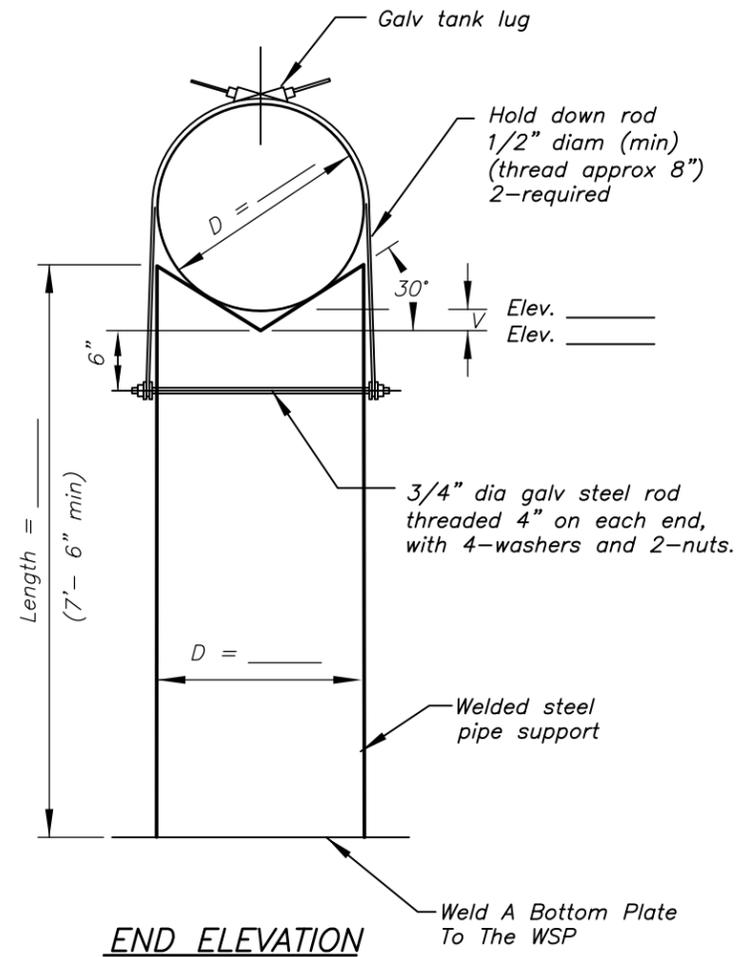
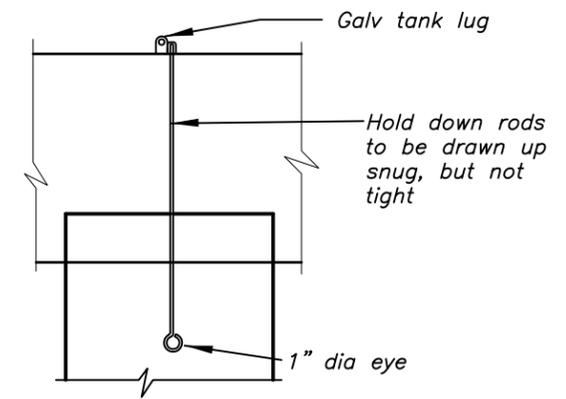


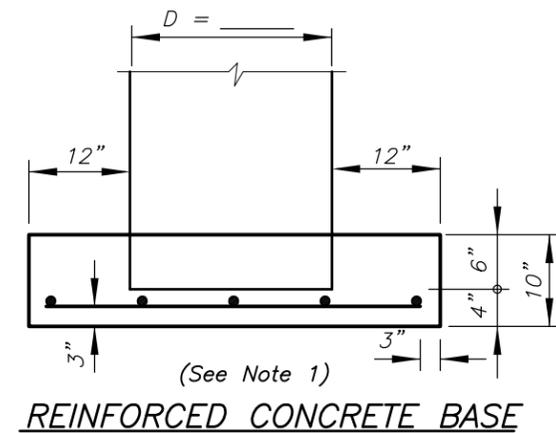
SECTION ON CENTERLINE



END ELEVATION



SIDE ELEVATION



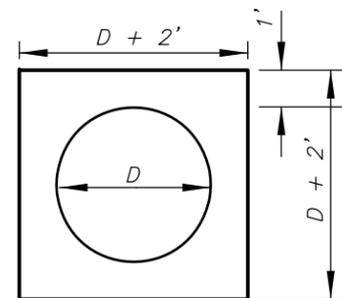
REINFORCED CONCRETE BASE

TABLE OF DIMENSIONS					
W.S. PIPE DIA. (INCHES)	DIMENSION OF BASE PLATE	VOLUME OF CONCRETE IN BASE (CU. YDS.)	1/2" DIA. HOLD DOWN ROD LENGTH	3/4" DIA. ROD LENGTH	V
26	4'-2"	0.54	4'-0"	2'-8"	0.15
30	4'-6"	0.63	4'-8"	3'-0"	0.20
36	5'-0"	0.77	5'-4"	3'-6"	0.24
42	5'-6"	0.93	6'-0"	4'-0"	0.28
48	6'-0"	1.11	6'-7"	4'-6"	0.30

Note: "V" dimension can be rounded to the nearest tenth of a foot.

BILL OF MATERIAL

- Welded steel pipe _____ dia, _____ lin. ft., min. 1/4" wall thickness
- Steel bottom plate _____' x _____' x min. 3/8" thickness
- 3/4" dia galv steel rod _____ feet, threaded 4" on each end with 4 washer and 2 nuts
- 1/2" dia (min) galv steel rod _____ feet, (thread approx 8")
- Galv tank lug - 1 each
- Concrete _____ cu. yds.
- Steel reinforcement 6.7 pounds



PLAN - BOTTOM PLATE

NOTES:

1. If the pier has to be shortened because of bedrock, a 10" reinforced concrete base must be provided, instead of bottom plate. Concrete base shall be reinforced with #4 steel reinforcement bars at 12" spacing (maximum) in each direction. Steel to be located a minimum of 3" from sides and bottom as shown.
2. Welded steel pipe shall conform to Missouri Construction Specification 378, Pipe Spillway. Concrete and steel shall conform to Missouri Construction Specification 750, Reinforced Concrete.
3. Cut minimum of one 1" diameter hole per foot of WSP support or equivalent as needed to prevent floatation.

DRAFT
NOT FOR
CONSTRUCTION

Date	
Designed	
Drawn	
Checked	
Approved	

WELDED STEEL PIPE SUPPORT



File Name	
Drawing Name	29-N-246
Sheet	of