

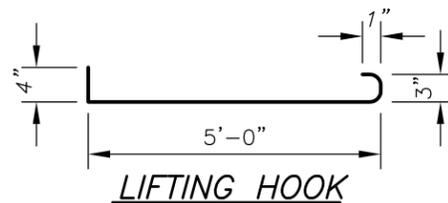
NOTES:

1. Welded steel pipe conduit to be field welded to 2' WSP stubs as shown on sheet _____.
2. Stop logs shall be 6" x 2" Structural Steel Tubing with 3/16" wall thickness, 45 3/8" long.
3. Pipe stubs shall be same as conduit.
4. All metal to metal connections shall be joined by minimum 3/16" fillet welds "all around".
5. Grating shall have bars on approximate 1 3/8" x 4" spacing. Grating shall be capable of supporting a minimum load of 250 lbs. at the center of the 4' span. Grating may be steel or aluminum.
6. 48" WSP to be centered on 6'x6'x3/8" Steel Base Plate.
7. Two handles shall be welded to each stop log as shown. Handles to be constructed of minimum 3/8" diameter steel rod. Handles to have approximate 1 1/2" x 4" open dimensions or as otherwise needed to permit proper grip. Handles to be located in center of stop log starting 8 inches from the end.
8. The indentions where 2 stop logs join shall be sealed with silicone where the downstream side of stop logs contact steel angle.
9. Water Control Structure including Stop Logs shall have a shop coat of zinc-oxide paint.
10. Equivalent lifting hooks, as approved by Engineer, may be used.

QUANTITIES PER WATER CONTROL STRUCTURE

ITEM	DESCRIPTION	LENGTH	NUMBER
A	1/4"x6" Steel Plate	H	2
B	2"x1 1/2"x1/4" Steel Angle	H	4
C	2"x6"x3/16" Steel Tubing Stop Logs	45 3/8"	2xH
-	48" diam. Welded Steel Pipe, 3/8" wall thickness	H	1
-	2' long Welded Steel Pipe Stub	2'	2
-	6'x6'x3/8" Steel Base Plate	-	1
-	Steel Grating, 54" long x approx. 26" wide	-	2
-	Lifting Hooks, Min. 3/8" round rod	-	2

WATER CONTROL STRUCTURE NO.	H	D



Date	
Designed	
Drawn	
Checked	
Approved	

STEEL PIPE INLINE
WATER CONTROL STRUCTURE



DRAFT
NOT FOR
CONSTRUCTION

File Name	
Drawing Name	29-N-419
Sheet	of