



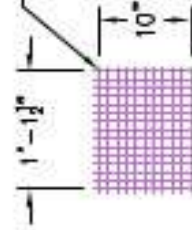
Structure ID: 2 HW

P1 HWPP314TY2

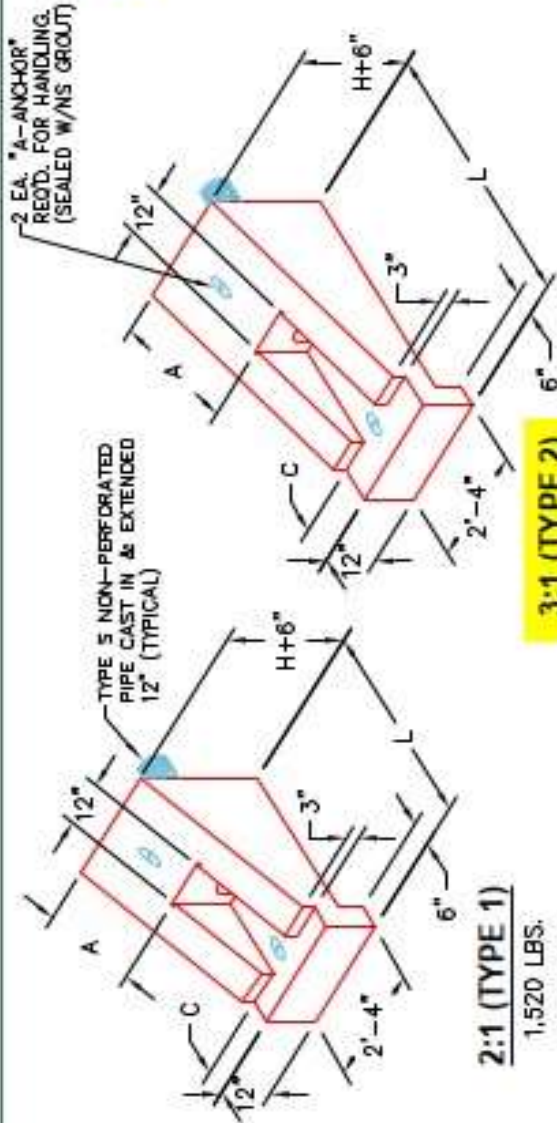
4" - HW Perforated Pipe Type 2 (3 to1) F/F

PIPE DIA.	SLOPE	DIMENSIONS				CLASS "A" CONCRETE
		L	H	A	C	
4"	2 : 1	3'-4 3/4"	1'-0 3/4"	1'-6"	6"	0.38
4"	3 : 1	5'-1 1/4"	1'-0 3/4"	2'-3"	9"	0.56
AND	4 : 1	6'-9 3/4"	1'-0 3/4"	3'-0"	1'-0"	0.74
6"	6 : 1	7'-2 3/4"	1'-2 3/4"	1'-6"	1'-6"	0.62
	2 : 1	3'-9 1/2"	1'-0 3/4"	1'-6"	6"	0.43
	3 : 1	5'-8 1/4"	1'-0 3/4"	2'-3"	9"	0.63
8"	4 : 1	7'-7"	1'-4 3/4"	3'-0"	1'-0"	0.83
	6 : 1	8'-4 1/2"	1'-4 3/4"	1'-6"	1'-6"	0.73
	2 : 1	4'-2"	2'-1"	1'-6"	6"	0.47
10"	3 : 1	6'-3"	2'-1"	2'-3"	9"	0.69
	4 : 1	8'-4"	2'-1"	3'-0"	1'-0"	0.91
	6 : 1	9'-5"	1'-7"	1'-6"	1'-6"	0.83

2X2 MESH, 16 GAUGE
 HOT DIP GALVANIZED
 WITH 1/2" X 1/2" SQUARES

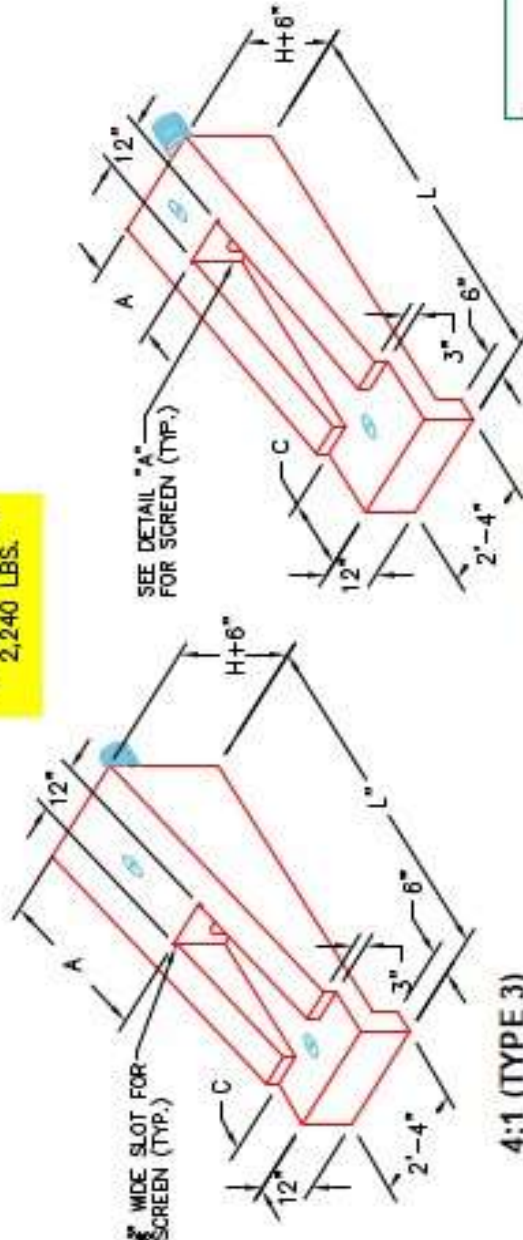


DETAIL "A"



2:1 (TYPE 1)
 1,520 LBS.

3:1 (TYPE 2)
 2,240 LBS.



4:1 (TYPE 3)
 2,960 LBS.

6:1 (TYPE 4)
 2,480 LBS.

NOTES:

1. CONCRETE: KYTC APPROVED.
2. REINFORCING: #4 BAR @ 12" C/C E.W. - GRADE 60, (WITH 2" CONCRETE COVER MINIMUM)
3. REINFORCING BARS TO BE TACK WELDED OR TIED.
4. PIPE AND LIFTING ANCHOR POCKETS TO BE GROUTED WITH KYTC APPROVED NON-SHRINK GROUT.
5. DRAWING TO BE USED IN CONJUNCTION WITH KYTC STD. DRAWING RDP-010-09 AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
6. 3/4" CHAMFER ON ALL EXPOSED EDGES.

APPROVED FOR DESIGN ONLY

Approved
 J. Ryan
 KYTC DISTRICT ENGINEER
 DIVISION OF CONSTRUCTION

DIVISION OF CONSTRUCTION



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KYTC PERFORATED PIPE HEADWALLS

DRAWING NO. KYTC PR-HW DATE 12-07-21
 PREPARED BY J.H. ROSS, P.E. DRAWN BY N. RICHARDS
 WEB: WWW.ICASTINC.COM SCALE: NTS