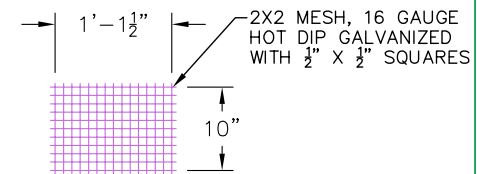


Structure ID: 1 HW

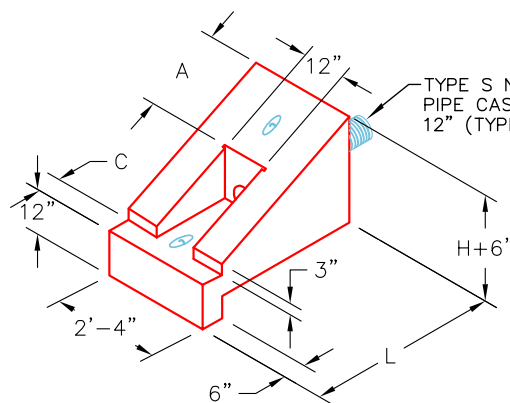
P1 HWPP218TY1

8" - PERF PIPE 2 TO 1 SLOPE HEADWALL

PIPE DIA.	SLOPE	DIMENSIONS				CLASS "A" CONCRETE
		L	H	A	C	CU. YDS.
4" AND 6"	2 : 1	3'-4 $\frac{7}{8}$ "	1'-8 $\frac{1}{16}$ "	1'-6"	6"	0.38
	3 : 1	5'-1 $\frac{5}{16}$ "	2'-3"	2'-3"	9"	0.56
	4 : 1	6'-9 $\frac{3}{4}$ "	3'-0"	3'-0"	1'-0"	0.74
	6 : 1	7'-2 $\frac{5}{16}$ "	1'-2 $\frac{7}{16}$ "	1'-6"	1'-6"	0.62
8"	2 : 1	3'-9 $\frac{1}{2}$ "	1'-10 $\frac{3}{4}$ "	1'-6"	6"	0.43
	3 : 1	5'-8 $\frac{1}{4}$ "	2'-3"	2'-3"	9"	0.63
	4 : 1	7'-7"	3'-0"	3'-0"	1'-0"	0.83
	6 : 1	8'-4 $\frac{1}{2}$ "	1'-4 $\frac{3}{4}$ "	1'-6"	1'-6"	0.73
10"	2 : 1	4'-2"	2'-1"	1'-6"	6"	0.47
	3 : 1	6'-3"	2'-3"	2'-3"	9"	0.69
	4 : 1	8'-4"	3'-0"	3'-0"	1'-0"	0.91
	6 : 1	9'-6"	1'-7"	1'-6"	1'-6"	0.83

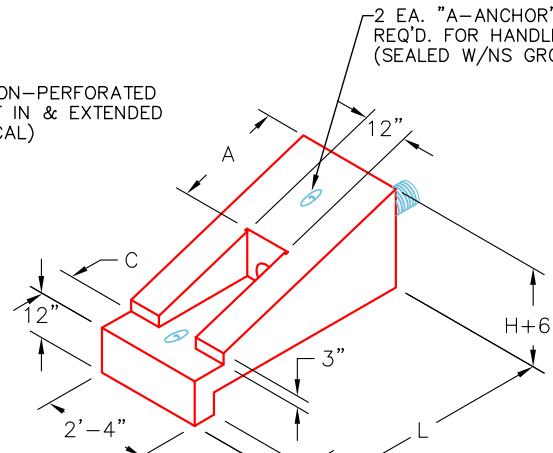


DETAIL "A"



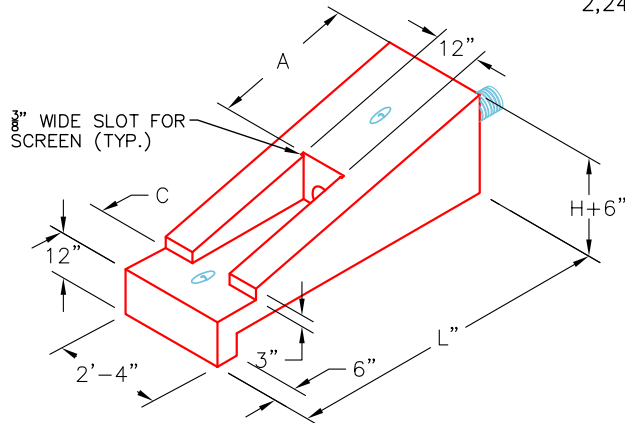
2:1 (TYPE 1)

1,520 LBS.



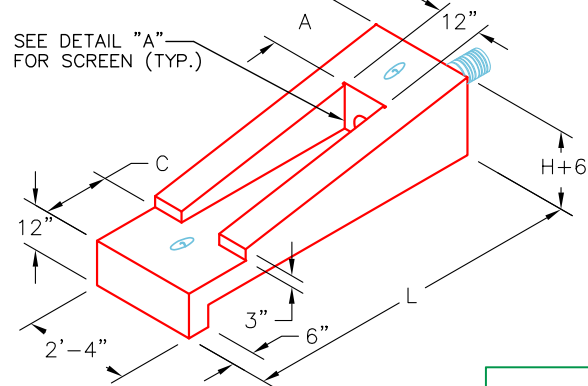
3:1 (TYPE 2)

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. $\frac{3}{4}$ " CHAMFER ON ALL EXPOSED EDGES.

APPROVED FOR DESIGN ONLY

Approved
 AS PER SPECIFICATION 105.02
 KYTC DIV. OF CONSTRUCTION
 12/10/2021 11:39:31 AM

DIVISION OF CONSTRUCTION

INFRASTRUCTURE PRECAST, INC.
 981 WEST 7TH ST., BEAVER DAM, KY. 42320
 PHONE: (270) 363-2238, FAX: (270) 298-7424

KYTC PERFORATED PIPE HEADWALLS

DRAWING NO.: KYTC PP-HW DATE: 12-07-21
 REVIEWED BY: J.H. ROSS, PE DRAWN BY: N. RICHARDS
 WEB: WWW.ICASTINC.COM SCALE: NTS

