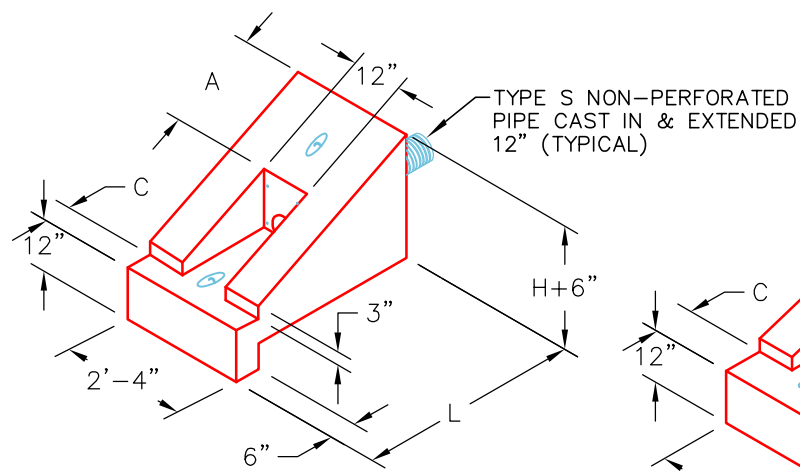
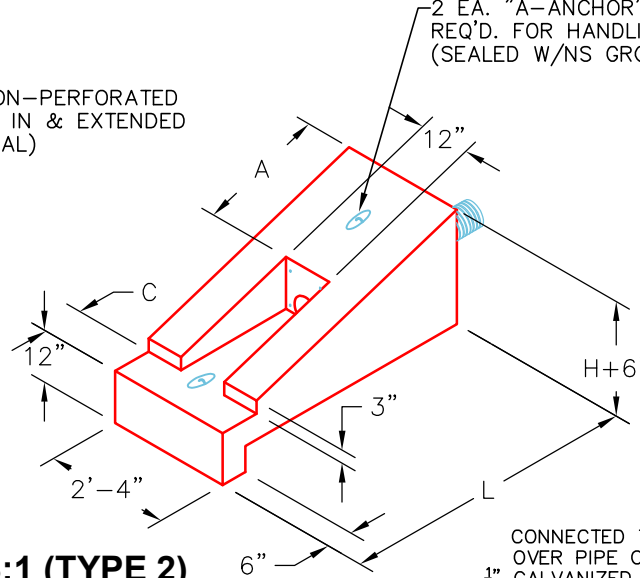




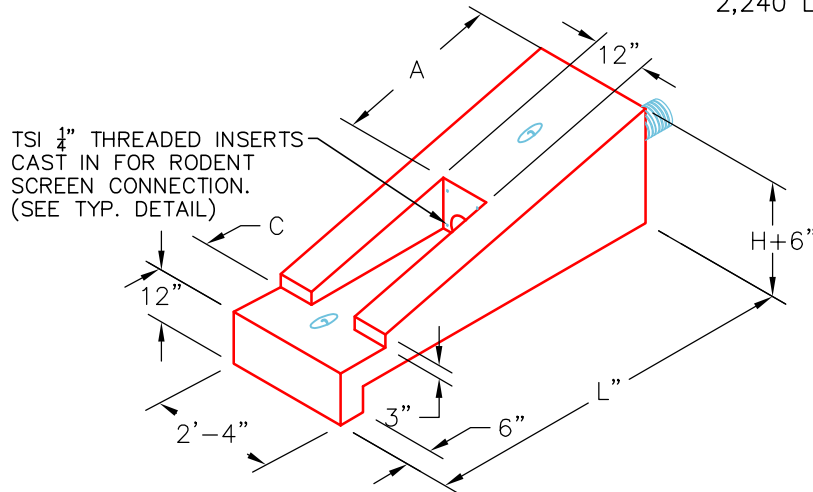
2:1 (TYPE 1)

1,520 LBS.



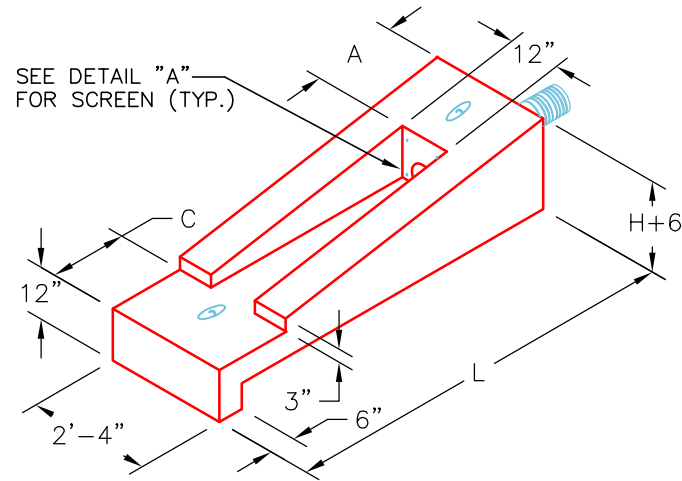
3:1 (TYPE 2)

2,240 LBS.



4:1 (TYPE 3)

2,960 LBS.

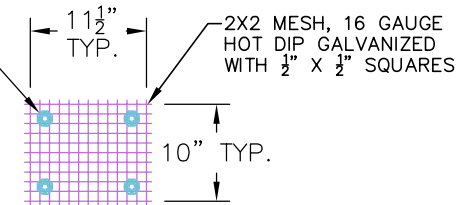


6:1 (TYPE 4)

2,480 LBS.

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

CONNECTED TO CONCRETE FACE OVER PIPE OPENING WITH 4 EA. $\frac{1}{4}$ " GALVANIZED BOLTS & WASHERS INTO CONAC $\frac{1}{4}$ " TSI THREADED ZINC INSERTS CAST IN.



DETAIL "A"

(TYPICAL FOR ALL HEADWALLS)

~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 BY OTHERS.
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.

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.: ET-KYTC-127

DATE: 01-14-25

REVIEWED BY: J.H. ROSS, PE

DRAWN BY: N. RICHARDS

WEB: WWW.ICASTINC.COM

SCALE: NTS

