



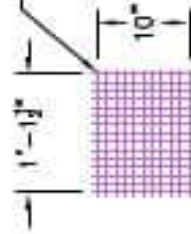
Structure ID: ICAST LI2 (8)

P1 HWPP214TY1

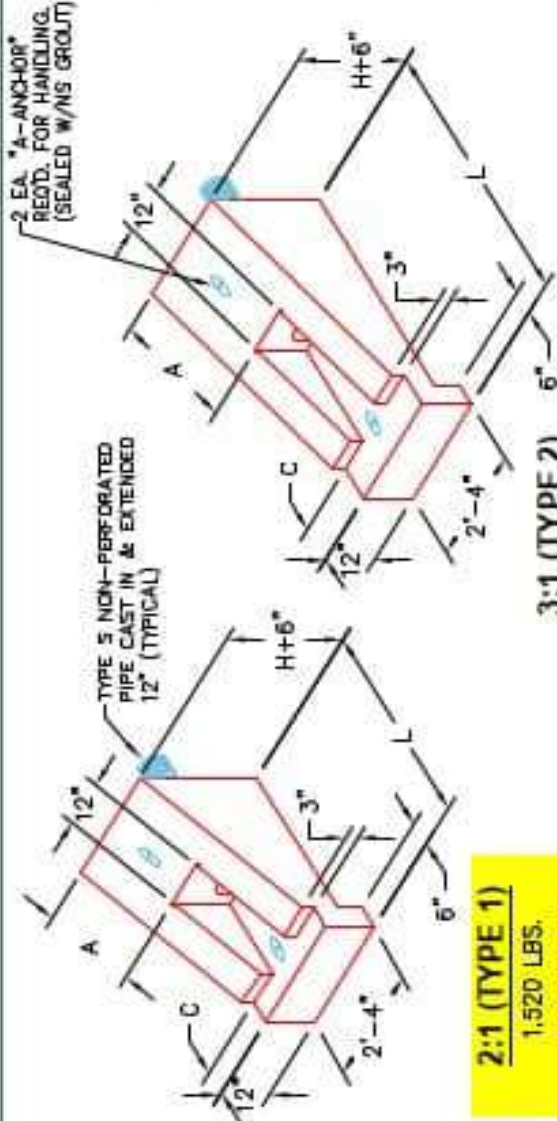
4" - HW Perforated Pipe Type 1 (2 to1) F/F

PIPE DIA.	SLOPE	L	H	A	C	CLASS "A" CONCRETE
4"	2:1	3'-4 1/2"	1'-6"	1'-6"	6"	0.38
4"	3:1	5'-1 1/2"	1'-6"	2'-3"	9"	0.56
4"	4:1	6'-3 3/4"	1'-6"	3'-0"	1'-0"	0.74
6"	5:1	7'-2 1/2"	1'-6"	1'-6"	1'-6"	0.82
6"	2:1	3'-2 1/2"	1'-6"	1'-6"	6"	0.43
6"	3:1	5'-2 1/2"	1'-6"	2'-3"	9"	0.63
6"	4:1	6'-4 1/2"	1'-6"	3'-0"	1'-0"	0.83
8"	6:1	8'-4 1/2"	1'-6"	1'-6"	1'-6"	0.73
8"	2:1	4'-2"	1'-6"	1'-6"	6"	0.47
8"	3:1	6'-3"	1'-6"	2'-3"	9"	0.69
8"	4:1	8'-4"	1'-6"	3'-0"	1'-0"	0.91
10"	5:1	9'-6"	1'-6"	1'-6"	1'-6"	0.83

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

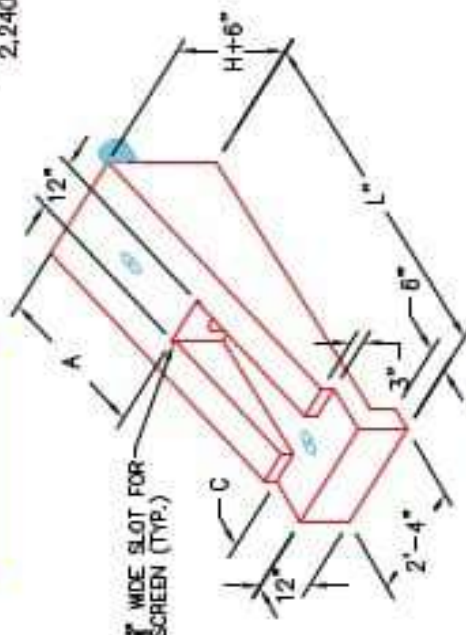


DETAIL "A"

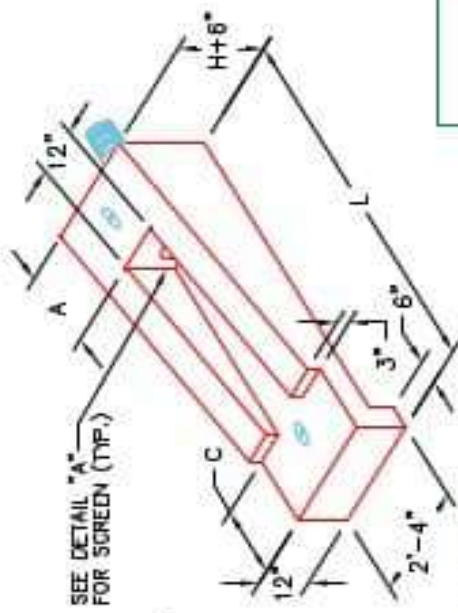


2:1 (TYPE 1)
 1,520 LBS.

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-010-08 AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
6. 1/4" CHAMFER ON ALL EXPOSED EDGES.

APPROVED FOR DESIGN ONLY

Approved
 KYTC PROJECT NO. 25-3193
 DATE: 6/10/2026

DIVISION OF CONSTRUCTION



INFRASTRUCTURE PRECAST, INC.
 181 WEST 7TH ST. BOONE CO., KY 40309
 PHONE: (606) 363-5234, FAX: (606) 363-7404

KYTC PERFORATED PIPE HEADWALLS

DESIGNED BY: KYTC
 DRAWN BY: M. H. HARRIS
 CHECKED BY: M. H. HARRIS
 DATE: 12-07-21
 SCALE: 1/8"