



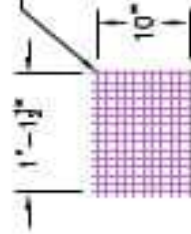
Structure ID: ICAST LI2 (1)

P1 HWPP214TY1

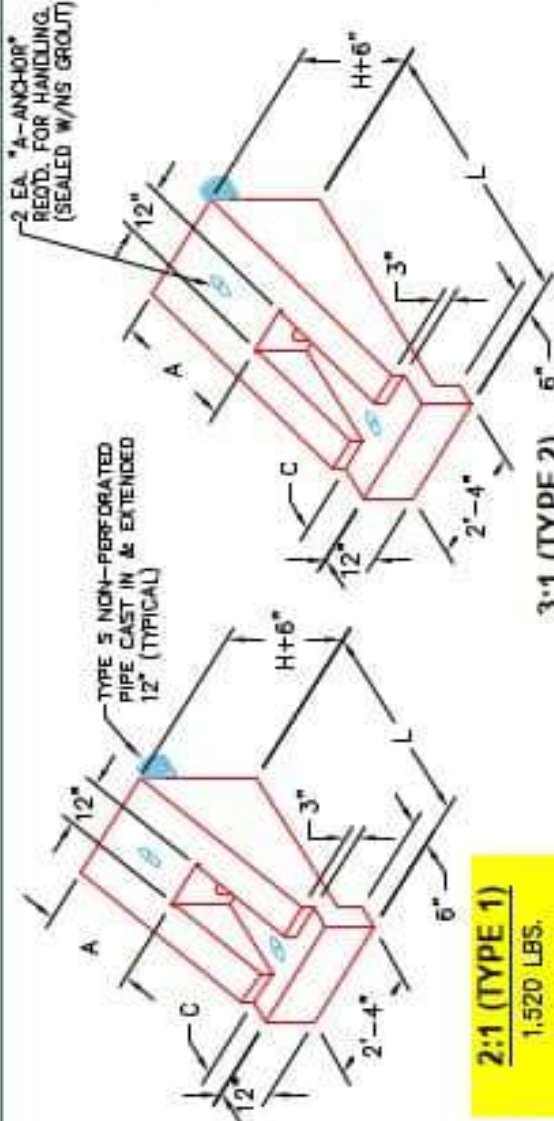
4" - HW Perforated Pipe Type 1 (2 to1) F/F

PIPE DIA.	SLOPE	DIMENSIONS				CLASS "A" CONCRETE
		L	H	A	C	CUA YDS.
4"	2:1	3'-4 1/2"	1'-6"	1'-6"	6"	0.38
4" AND 6"	3:1	5'-1 1/2"	1'-8 1/4"	2'-3"	9"	0.56
	4:1	6'-3 3/4"	1'-10"	3'-0"	1'-0"	0.74
	5:1	7'-2 1/2"	1'-12 1/4"	3'-6"	1'-6"	0.92
	6:1	8'-1 1/2"	1'-14 1/4"	4'-0"	2'-0"	1.10
8"	2:1	3'-2 1/2"	1'-6"	1'-6"	6"	0.43
	3:1	5'-1 1/2"	1'-8 1/4"	2'-3"	9"	0.63
	4:1	6'-3 3/4"	1'-10"	3'-0"	1'-0"	0.83
	5:1	7'-2 1/2"	1'-12 1/4"	3'-6"	1'-6"	1.03
	6:1	8'-1 1/2"	1'-14 1/4"	4'-0"	2'-0"	1.23
10"	2:1	4'-2"	1'-6"	1'-6"	6"	0.47
	3:1	6'-3"	1'-8"	2'-3"	9"	0.69
	4:1	8'-4"	1'-10"	3'-0"	1'-0"	0.91
	5:1	9'-6"	1'-12"	3'-6"	1'-6"	1.13

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

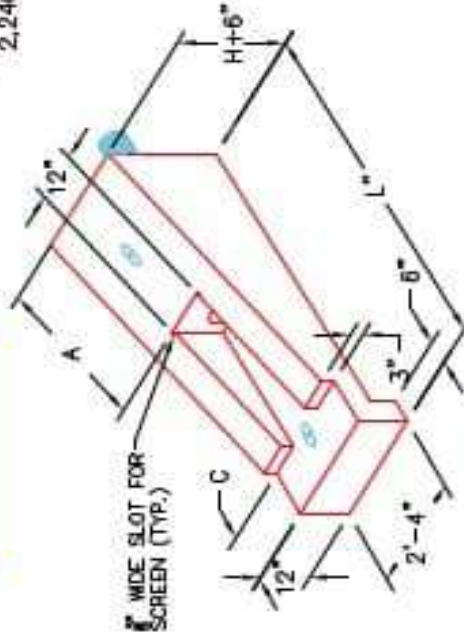


DETAIL "A"

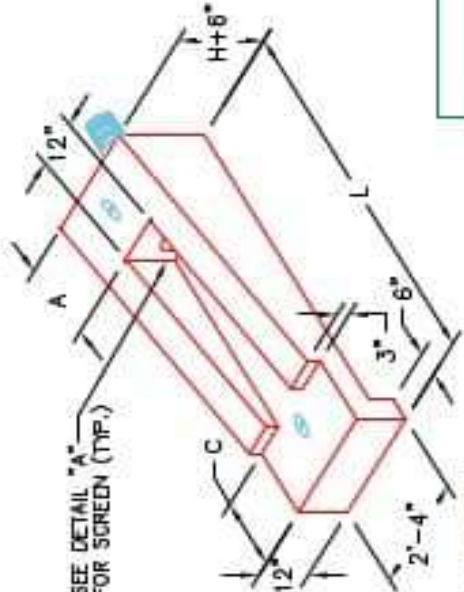


2:1 (TYPE 1)
1,520 LBS.

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
J. Jarvis
KYTC PROJECT NO. 25-3193

DIVISION OF CONSTRUCTION



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

KYTC PERFORATED PIPE HEADWALLS

DESIGNED BY: KYTC
CHECKED BY: J. Jarvis
DATE: 12-07-21
PROJECT NO: 25-3193
SCALE: N/A