



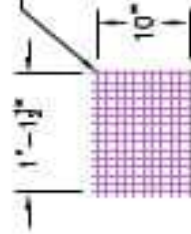
Structure ID: ICAST LI2 (3)

P1 HWPP214TY1

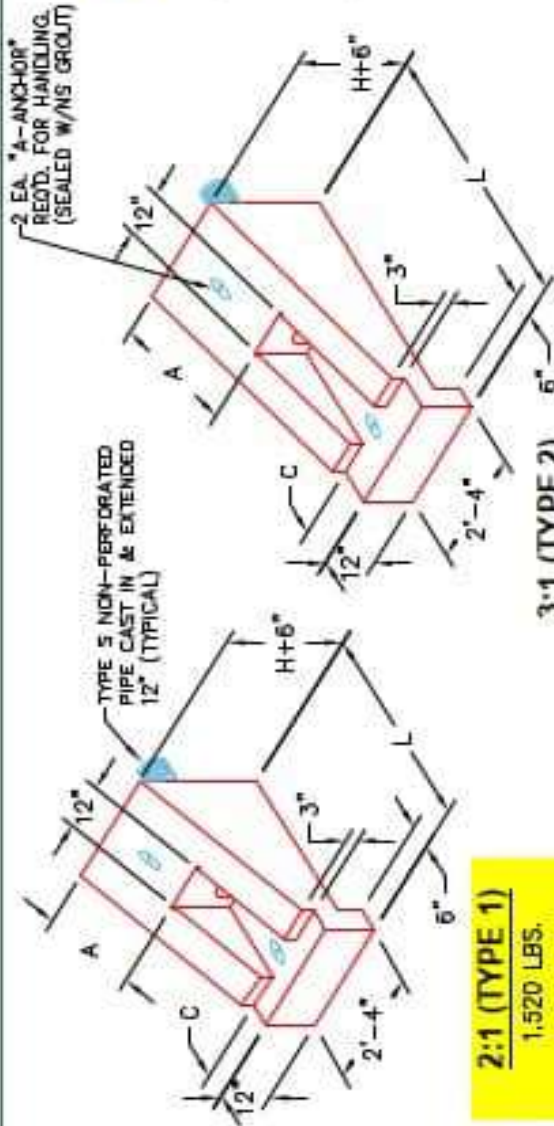
4" - HW Perforated Pipe Type 1 (2 to1) F/F

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

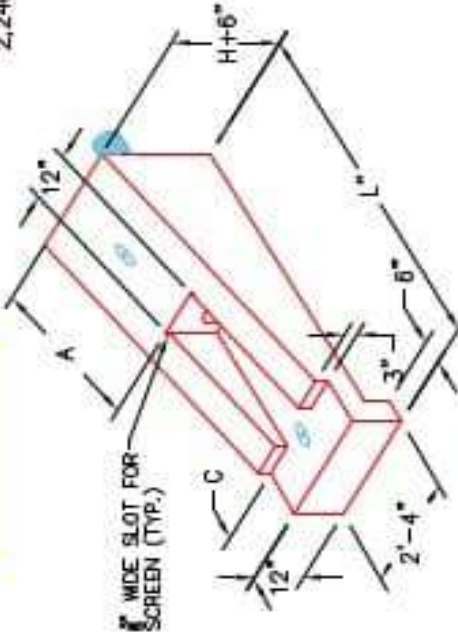
2X2 MESH, 16 GAUGE
HOT DIP GALVANIZED
WITH 1/2" X 1/2" SQUARES



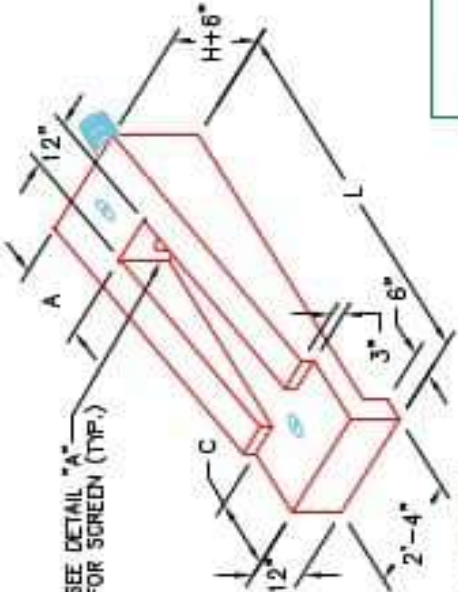
DETAIL "A"



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



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KYTC PERFORATED PIPE HEADWALLS

DESIGNED BY: KYTC
REVISED BY: J. Jarvis
DATE: 12-07-21
DRAWN BY: M. H. HARRIS
WEB: WWW.KYCAST.COM
SCALE: N/A