

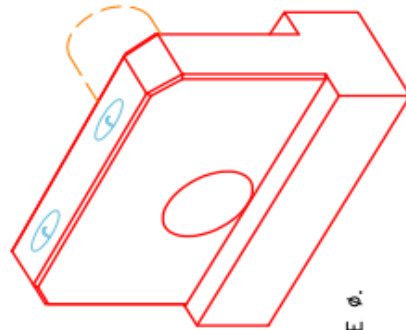


Structure ID: 61066 (3)

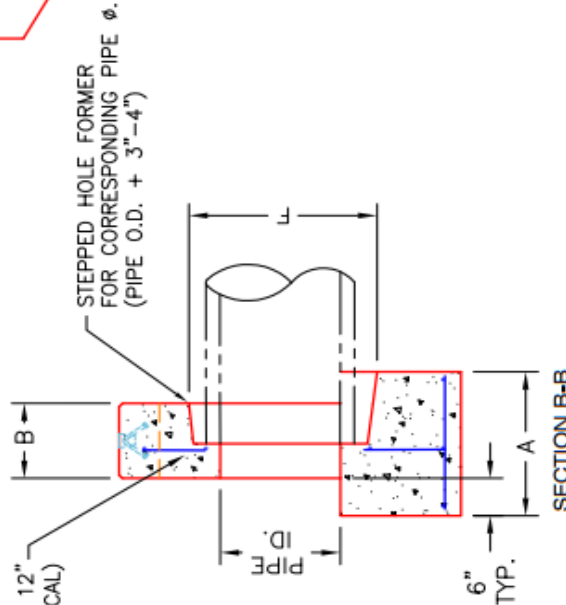
P1 HWKYTC-STD24

24" - STRAIGHT HEADWALL F/F

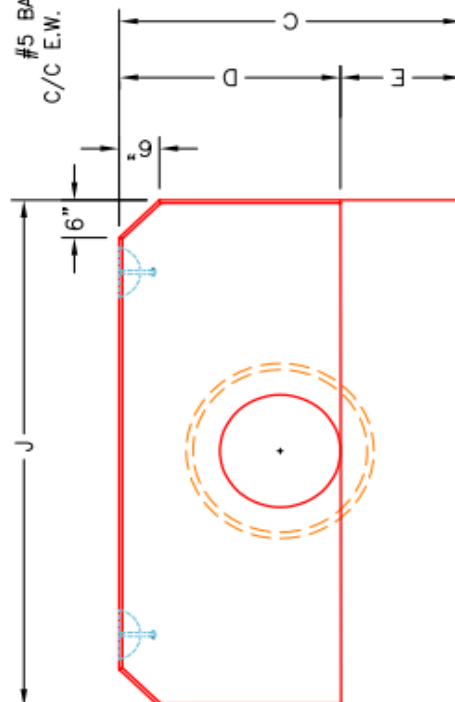
DIMENSIONS & QUANTITIES									
PIPE Ø ID.	A	B	C	D	E	F	G	H	J
12"	2'-2"	1'-2"	4'-0"	2'-6"	1'-6"	20"	-	-	6'-0"
15"	2'-3"	1'-3"	4'-3"	2'-9"	1'-6"	22"	-	-	6'-9"
18"	2'-3"	1'-3"	4'-6"	3'-0"	1'-6"	26"	-	-	7'-6"
21"	2'-4"	1'-4"	4'-9"	3'-3"	1'-6"	32"	-	-	8'-3"
24"	2'-4"	1'-4"	5'-0"	3'-6"	1'-6"	34"	-	-	9'-0"
27"	2'-6"	1'-6"	5'-3"	3'-9"	1'-6"	38"	-	-	9'-9"
									WEIGHT
									5,225 LBS.
									6,500 LBS.
									7,475 LBS.
									8,885 LBS.
									10,075 LBS.
									12,270 LBS.



ISOMETRIC VIEW



SECTION B-B



ELEVATION A-A

NOTES:

1. CONCRETE: KYTC APPROVED.
2. REINFORCING: #5 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 RDH-005-02 AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
6. 3" CHAMFER ON ALL EXPOSED EDGES.
7. PREFORMED STEPPED HOLE SIZED AS PER O.D. OF PIPE + 3" - 4".

APPROVED FOR DESIGN ONLY

Approved
Based upon KYTC Specification 105.02
J. M. L. L. L.

03/15/2026 2:14:28 PM

INFRASTRUCTURE PRECAST, INC.
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KYTC 12"-27" STANDARD STRAIGHT HEADWALL
(FOR CIRCULAR PIPE CULVERTS)

DRAWING NO.: KYTC STR-HW DATE: 07-14-23
REVIEWED BY: J.A. ROSS, PE DRAWN BY: N. RICHARDS
WEB: WWW.CASTING.COM SCALE: NTS