

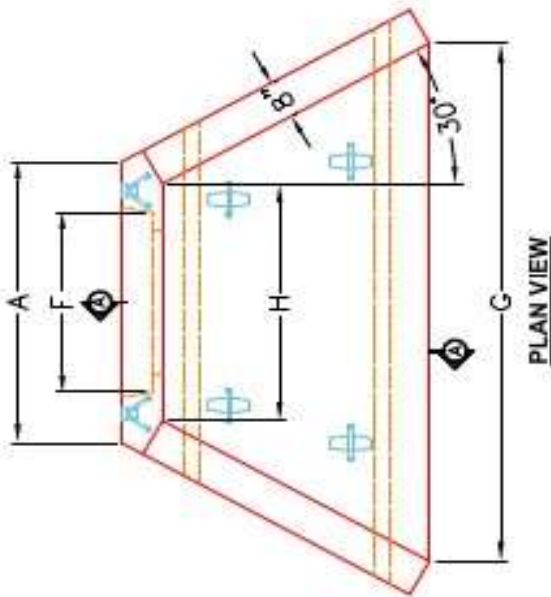


Structure ID: 105-15 HW

P1 HWPC42

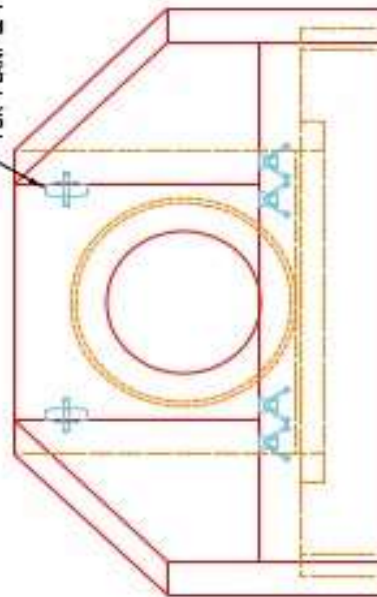
42" - PIPE CULVERT HEADWALL F/F

DIMENSIONS									
PIPE Ø	A	B	C	D	E	F	G	H	WEIGHT
36"	1'-4"	6'-4"	1'-4"	1'-4"	5'-0"	1'-8"	1'-8"	3'-4"	1,820 lbs.
36"	1'-4"	6'-4"	1'-4"	1'-4"	5'-0"	1'-8"	1'-8"	3'-4"	1,820 lbs.
42"	6'-4"	6'-4"	5'-5"	2'-4"	6'-5"	6'-6"	11'-1"	1'-11"	11,233 lbs.
42"	6'-4"	6'-4"	5'-5"	2'-4"	6'-5"	6'-6"	11'-1"	1'-11"	11,233 lbs.
54"	7'-4"	7'-4"	6'-6"	2'-4"	7'-4"	5'-9"	10'-8"	6'-0"	18,422 lbs.
60"	7'-4"	7'-4"	6'-6"	2'-4"	7'-4"	5'-9"	10'-8"	6'-0"	18,422 lbs.



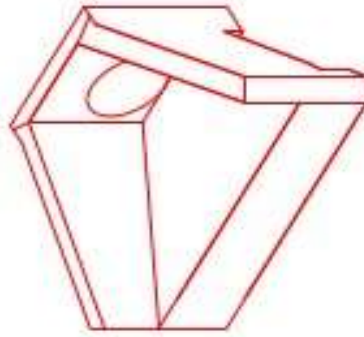
PLAN VIEW

"A-ANCHOR" LIFTING SYSTEM
 FOR PLANT & FIELD HANDLING.



FRONT ELEVATION

ISOMETRIC VIEW



STEPPED HOLE FORMER
 FOR CORRESPONDING PIPE Ø.

Note:
 HOE-1249G (Bolt-On Galvanized Grate) - provided by ICAST

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-110-02, RDH-210-03 AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
6. 3/4" CHAMFER ON ALL EXPOSED EDGES.
7. PREFORMED STEPPED HOLE SIZED AS PER O.D. OF PIPE + 3"-4".

APPROVED FOR DESIGN ONLY

APPROVED

DATE: 1/20/2021 9:50 AM

BY: [Signature]

INSTRUCTION

INFRASTRUCTURE PRECAST, INC.
 601 WEST 7TH ST., INDIANAPOLIS, IN 46201
 PHONE (317) 588-0200, FAX (317) 588-0400

KYTC 30" - 60" PPE CULVERT HEADWALL

DRAWING NO. KYTC PC-HH DATED 12-14-20
 DESIGNED BY: J.A. RASKE, P.E.
 CHECKED BY: N. RICHARDS
 SCALE: N/A