

Job Name: 25-1401 Irwin Landing Ph. 1
Job Location: Murfreesboro, TN
Contractor: Bear Construction LLC

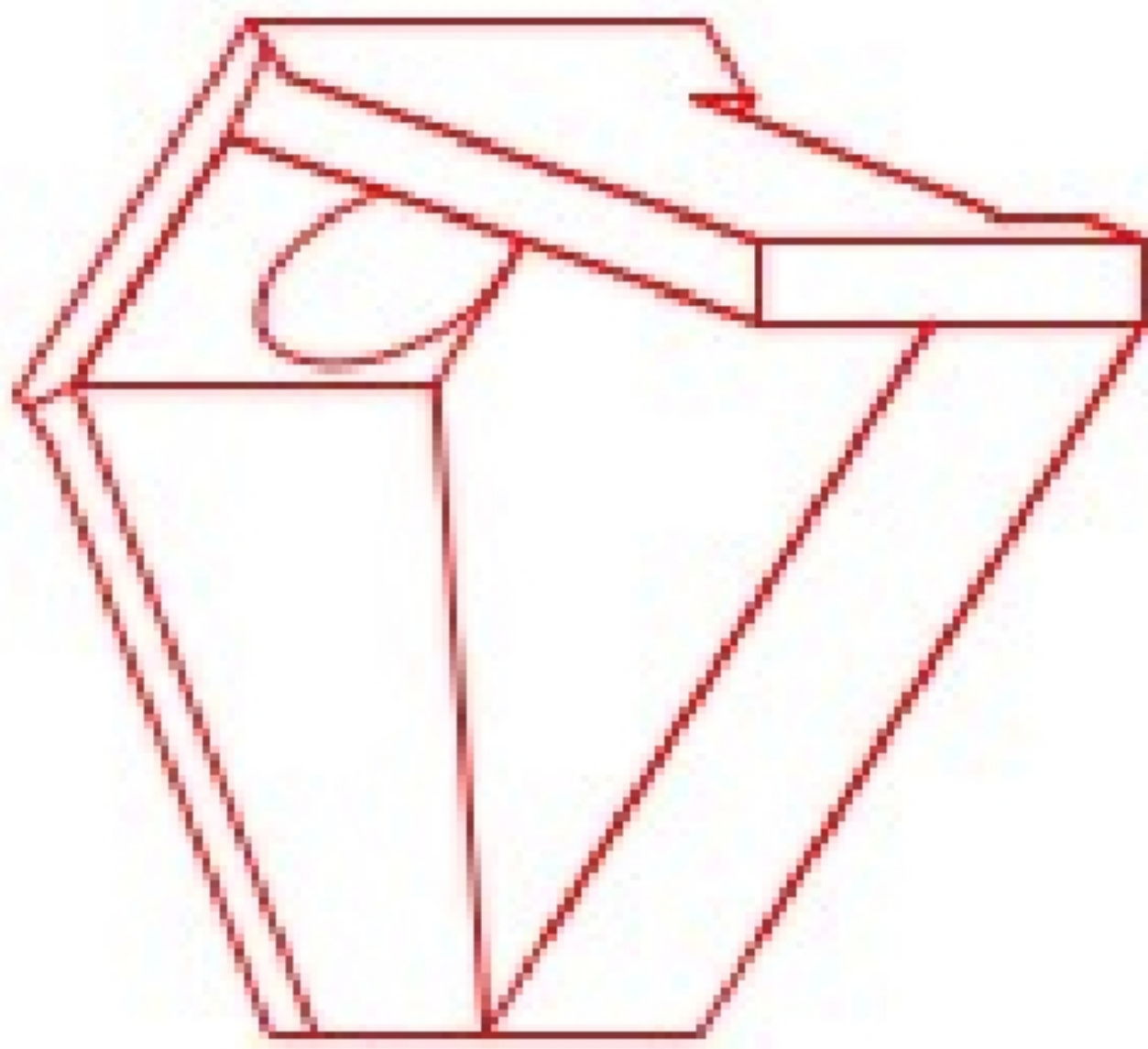
Plant: Beaver Dam
6/10/2026 3:17:10 PM

Tech: S. Felletter
PC: Erica Bradley

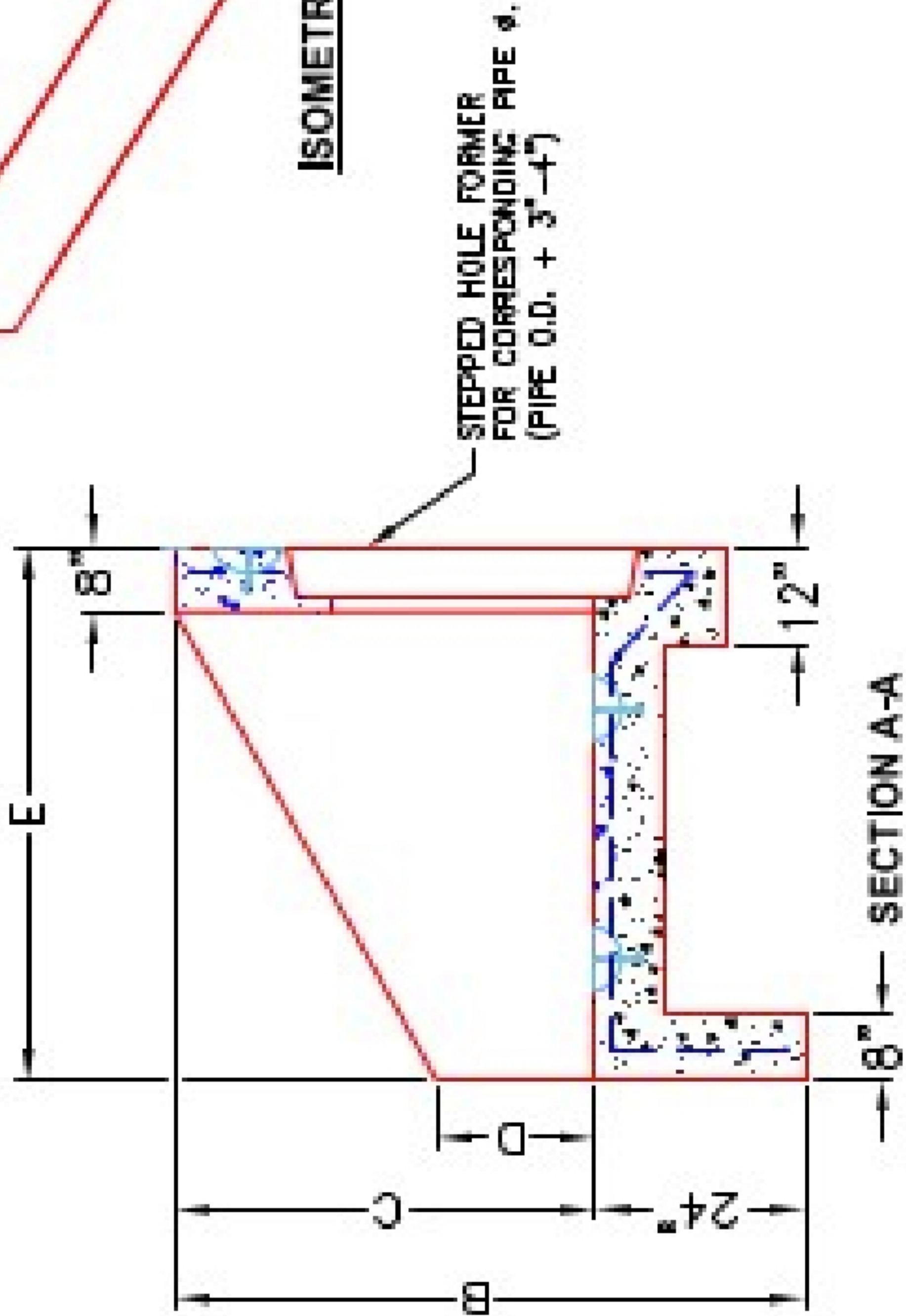


Structure ID: R50
P1 HWPC36F 36" - PIPE CULVERT HEADWALL w/Flat Bottom F/F

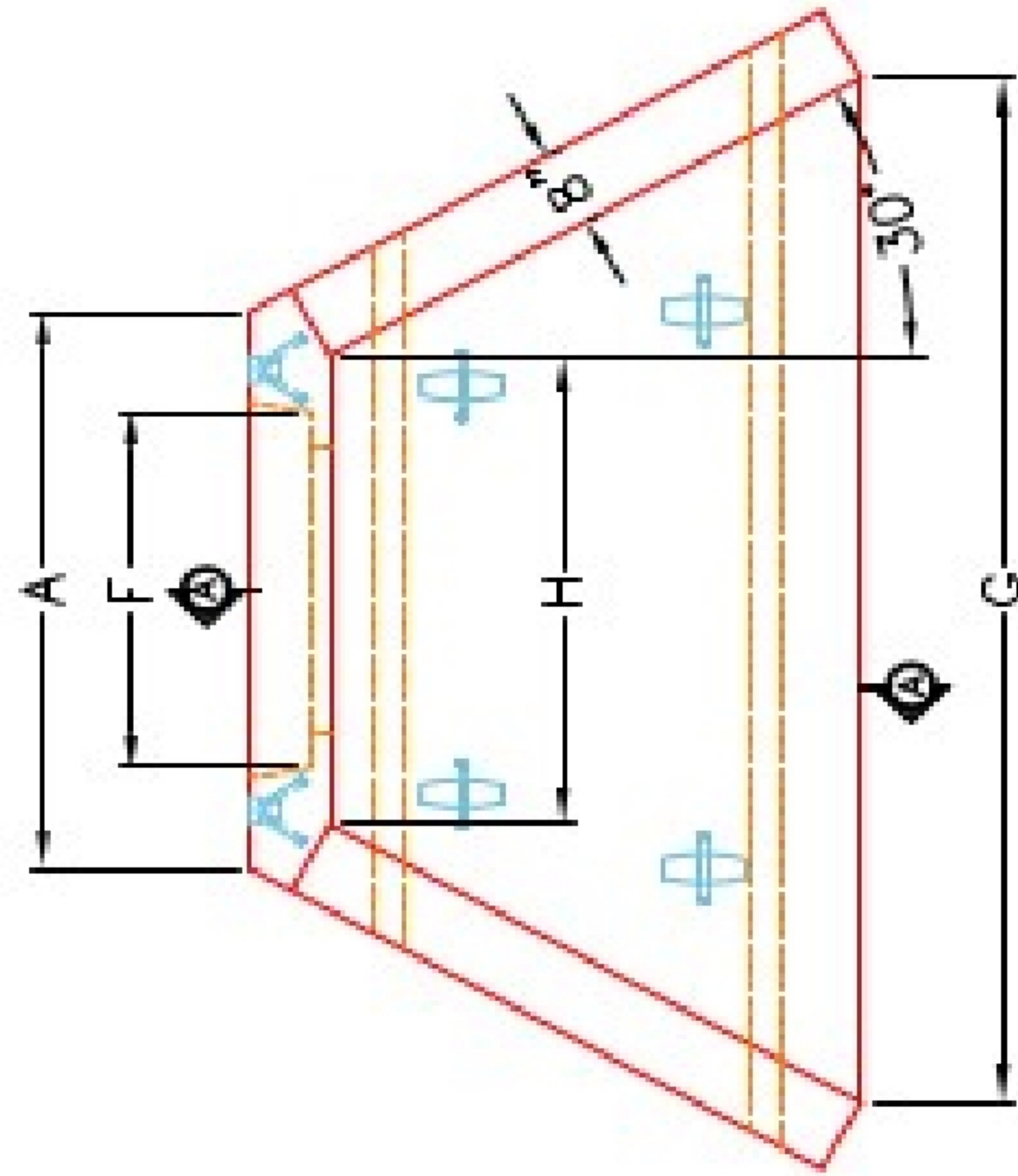
DIMENSIONS									
PIPE #	A	B	C	D	E	F	G	H	WEIGHT
36"	4'-0"	6'-0"	4'-0"	1'-0"	5'-0"	1'-0"	1'-0"	3'-0"	1,020 lbs.
42"	4'-0"	6'-0"	4'-0"	1'-0"	5'-0"	1'-0"	1'-0"	3'-0"	1,020 lbs.
48"	6'-0"	6'-0"	5'-0"	2'-0"	6'-0"	1'-0"	1'-0"	4'-0"	1,320 lbs.
54"	6'-0"	6'-0"	5'-0"	2'-0"	6'-0"	1'-0"	1'-0"	4'-0"	1,320 lbs.
60"	7'-0"	7'-0"	6'-0"	2'-0"	7'-0"	1'-0"	1'-0"	5'-0"	1,620 lbs.
66"	7'-0"	7'-0"	6'-0"	2'-0"	7'-0"	1'-0"	1'-0"	5'-0"	1,620 lbs.



ISOMETRIC VIEW

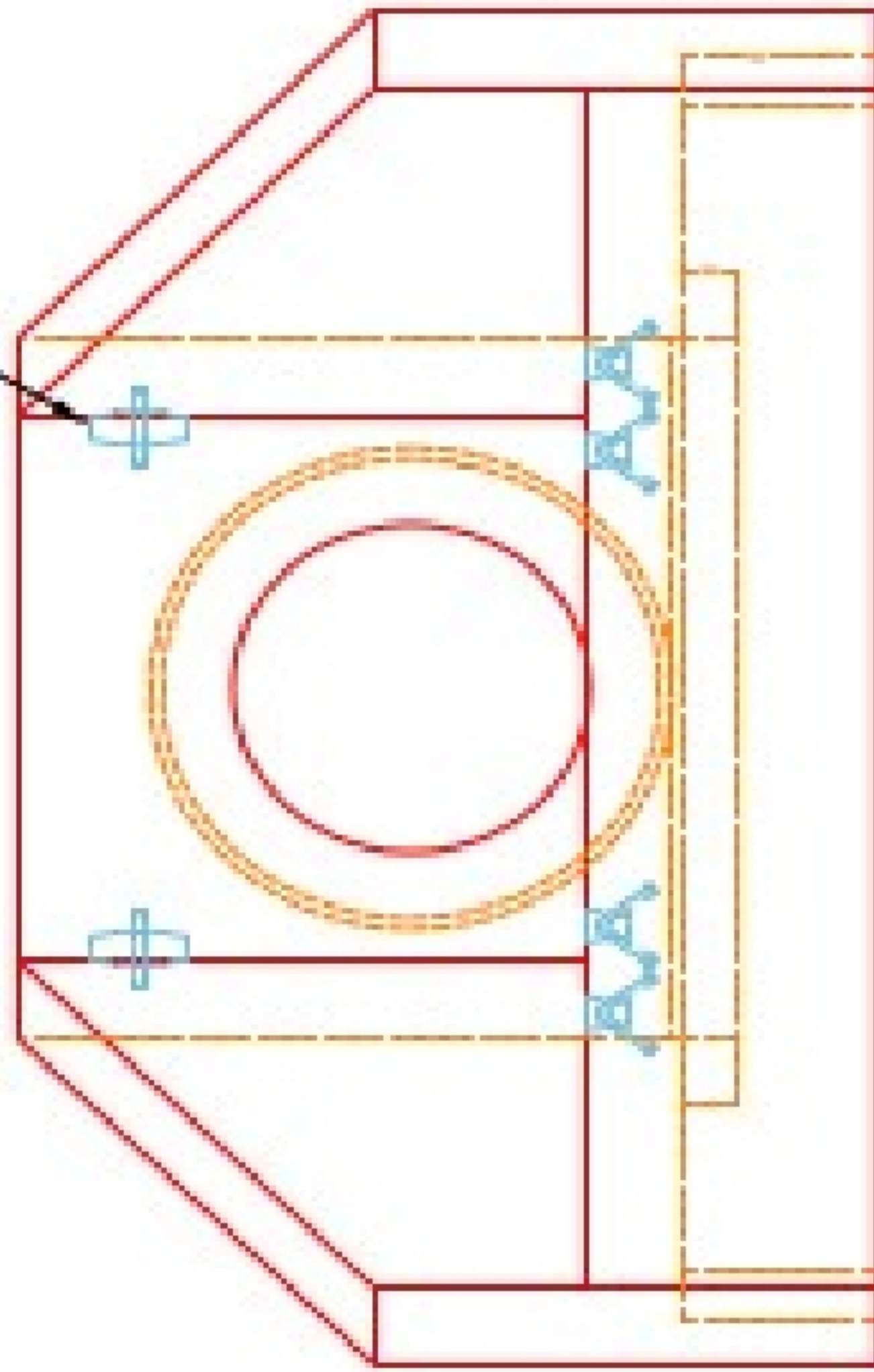


FRONT ELEVATION



PLAN VIEW

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



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. 1/4" CHAMFER ON ALL EXPOSED EDGES.
7. PREFORMED STEPPED HOLE SIZED AS PER O.D. OF PIPE + 3"-4".

APPROVED FOR DESIGN ONLY

APPROVED

AS PER SPECIFICATION 105.02

KYTC DIV. OF CONSTRUCTION

1/20/2021 9:50 am

INSTRUCTION



INFRASTRUCTURE PRECAST, INC.
801 WEST 7TH ST., MURFREESBORO, TN 37132
PHONE: (615) 898-2222, FAX: (615) 898-7400

KYTC 30"-60" PIPE CULVERT HEADWALL

DRAWING NO.: KYTC PC-110 DATE: 12-14-20

DESIGNED BY: J.H. RUSSELL, P.E. DRAWN BY: M. RUSSELL

WEB: WWW.INFAPRECAST.COM SCALE: NTS