

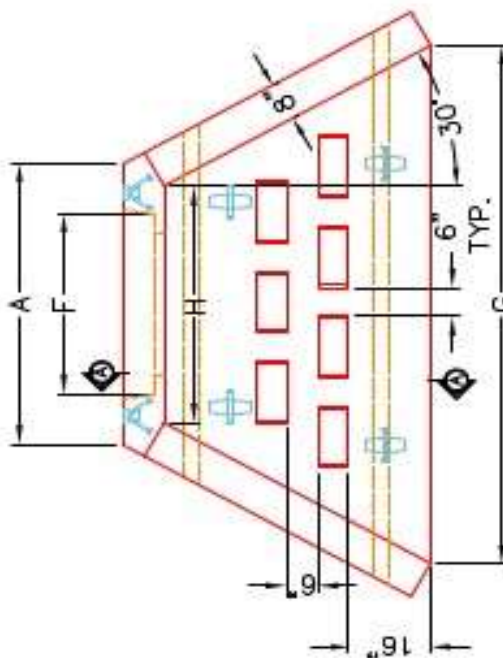


Structure ID: 15 (18)

P1 HWPC30D

30" - PIPE CULVERT HEADWALL w/DISS F/F

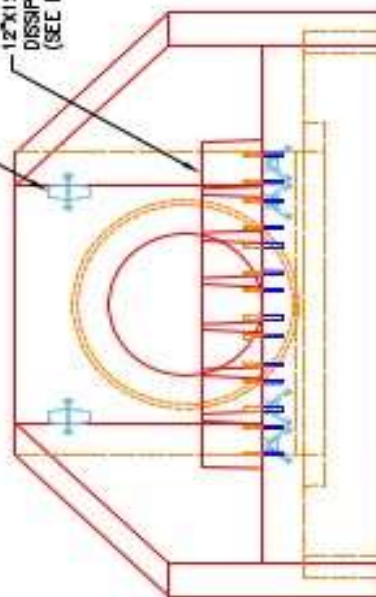
DIMENSIONS									
PIPE Ø	A	B	C	D	E	F	G	H	WEIGHT
30"	1'-4"	6'-4"	1'-4"	1'-4"	5'-4"	7'-4"	1'-8"	3'-4"	4,620 lbs.
36"	4'-4"	6'-4"	1'-4"	1'-4"	5'-4"	6'-0"	1'-8"	3'-4"	4,620 lbs.
42"	6'-4"	6'-7"	5'-5"	2'-4"	6'-2"	6'-6"	1'-8"	4'-4"	5,033 lbs.
48"	6'-4"	6'-7"	5'-5"	2'-4"	6'-2"	5'-4"	1'-8"	4'-4"	5,033 lbs.
54"	7'-4"	7'-4"	6'-4"	2'-4"	7'-4"	5'-4"	1'-8"	6'-4"	10,422 lbs.
60"	7'-4"	7'-4"	6'-4"	2'-4"	7'-4"	8'-4"	1'-8"	6'-4"	10,422 lbs.



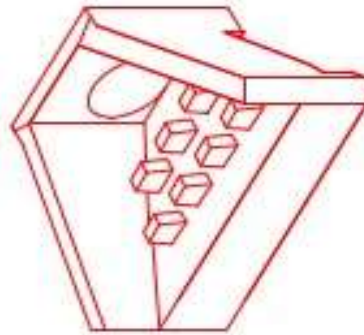
PLAN VIEW

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

12"x12"x6" ENERGY DISSIPATOR BLOCKS (SEE DETAIL).

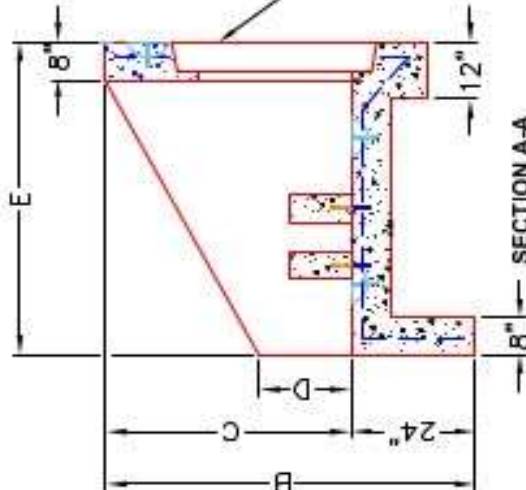


FRONT ELEVATION



ISOMETRIC VIEW

STEPPED HOLE FORMER FOR CORRESPONDING PIPE Ø.
(PIPE O.D. + 3"-4")



SECTION 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-110-02, RDH-210-03 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".
8. QUANTITY & SPACING OF DISSIPATOR BLOCKS MAY VARY PER PIPE SIZE.



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KYTC 30"-60" PIPE CULVERT HEADWALL WITH ENERGY DISSIPATORS	
DRAWING NO.: KYTC PC-HW	DATE: 06-01-22
REVIEWED BY: J.H. ROSS, PE	DRAWN BY: N. RICHARDS
WEB: WWW.ICASTINC.COM	SCALE: NTS