

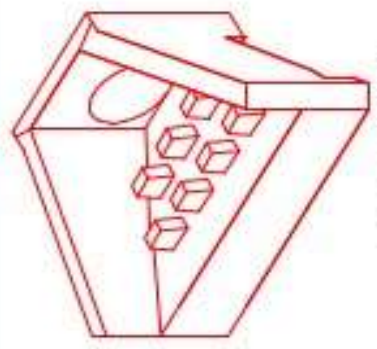


**Structure ID: 330(136)**

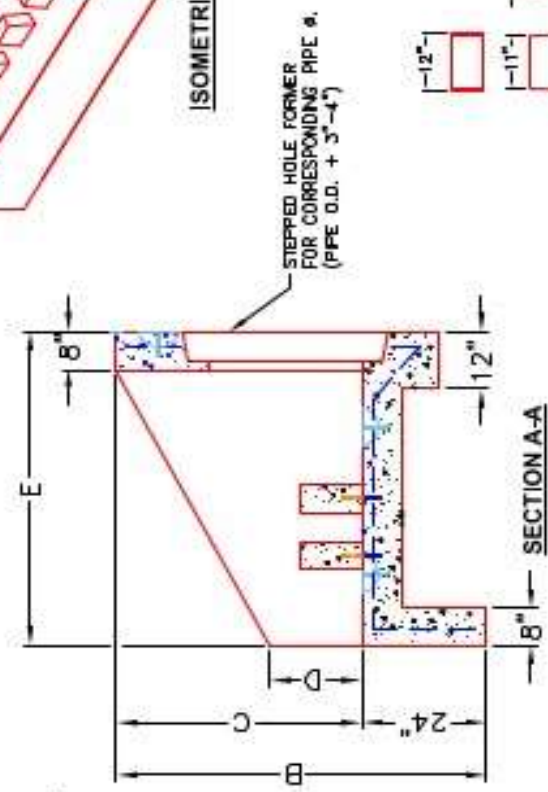
**P1 HWPC60D**

**60" - PIPE CULVERT HEADWALL w/DISS**

DIMENSIONS									
PRE #	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"	4420 lbs.
36"	4'-4"	6'-4"	1'-4"	1'-4"	5'-4"	6'-4"	1'-8"	3'-4"	4420 lbs.
42"	6'-4"	6'-7"	5'-4"	2'-4"	6'-4"	6'-4"	1'-1"	4'-1"	13,233 lbs.
48"	6'-4"	6'-7"	5'-4"	2'-4"	6'-4"	5'-4"	1'-1"	4'-1"	13,233 lbs.
54"	7'-4"	7'-4"	6'-4"	2'-4"	7'-4"	5'-4"	1'-8"	6'-4"	18,442 lbs.
60"	7'-4"	7'-4"	6'-4"	2'-4"	7'-4"	7'-4"	1'-8"	6'-4"	18,442 lbs.



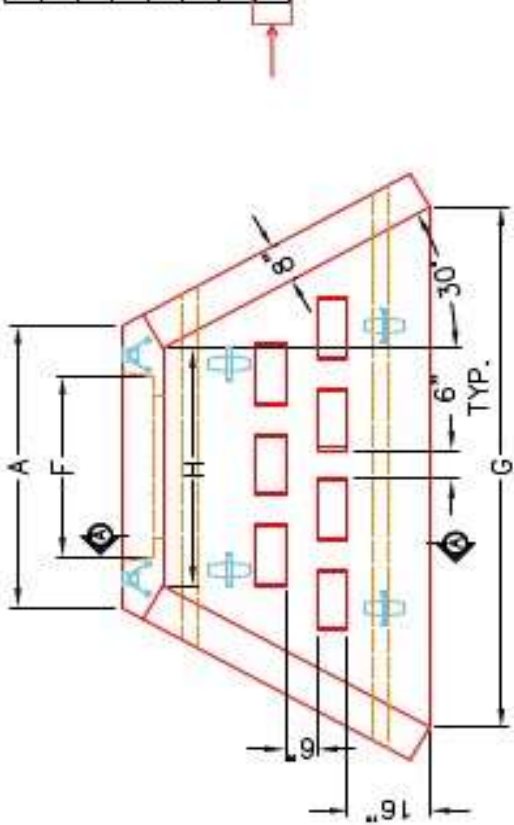
**ISOMETRIC VIEW**



**SECTION A-A**



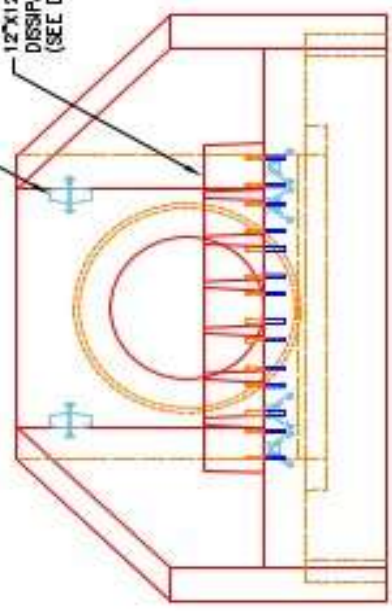
**DISSIPATOR BLOCK DETAIL**



**PLAN VIEW**

2 #5 ANCHOR LIFTING SYSTEM FOR PLANT & FIELD HANDLING.

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



**FRONT ELEVATION**

**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.ICASTING.COM SCALE: NTS