



Structure ID: 11 HW

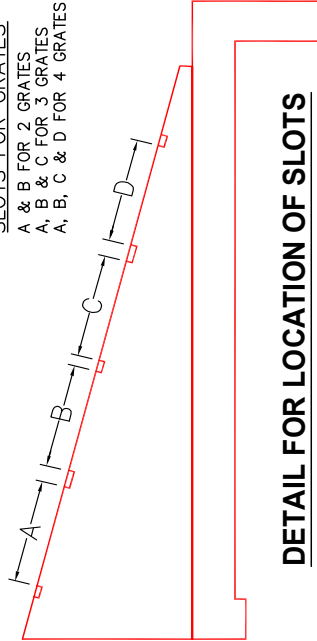
P1 HWSFBIO24

24" - SLOPED & FLARED BOX I/O F/F

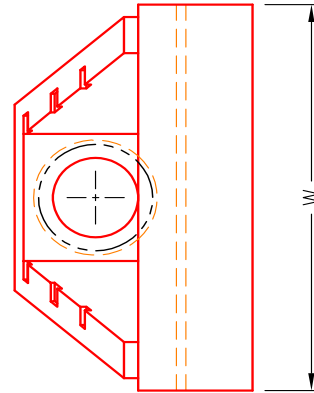
~NOTES:

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. DRAWINGS RDB-105-06 & RDB-106-05 AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
6. $\frac{3}{4}$ " CHAMFER ON ALL EXPOSED EDGES.
7. PREFORMED STEPPED HOLE SIZED AS PER O.D. OF PIPE + 3"-4".

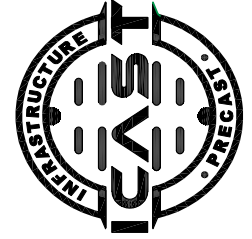
SLOTS FOR GRATES
A & B FOR 2 GRATES
A, B & C FOR 3 GRATES
A, B, C & D FOR 4 GRATES



DETAIL FOR LOCATION OF SLOTS



FRONT ELEVATION

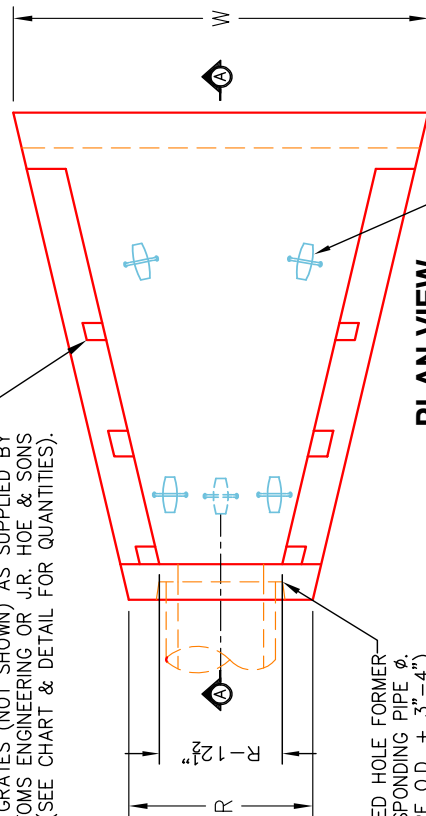


INFRASTRUCTURE PRECAST, INC. 42320
981 WEST 7TH ST., BEAVER DAM, KY.
PHONE: (270) 363-2238, FAX: (270) 298-7424

KYTC 15"-36" SLOPED & FLARED
BOX INLET-OUTLET HEADWALL (NO SKEW)

DRAWING NO.: ET-KYTC-124
DATE: 01-14-25
REVIEWED BY: J.H. ROSS, PE
DRAWN BY: N. RICHARDS
SCALE: NTS
WEB: WWW.ICASTINC.COM

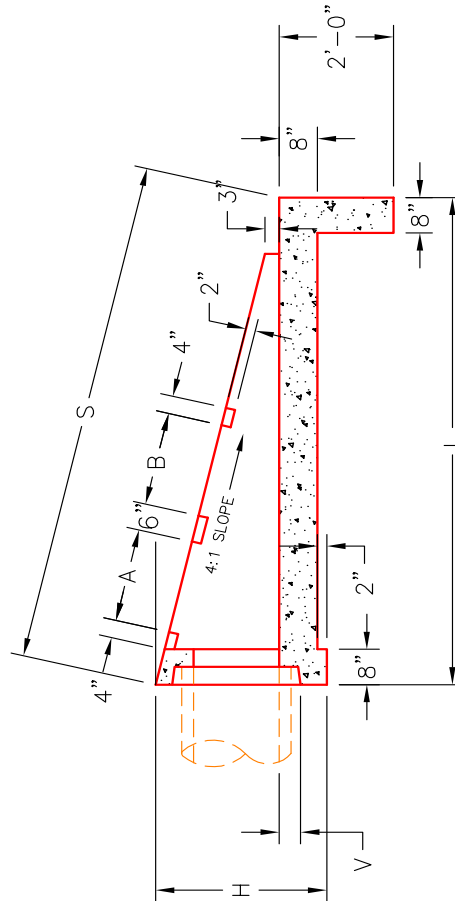
SLOTS AS REQUIRED FOR STRUCTURAL STEEL GRATES (NOT SHOWN) AS SUPPLIED BY BOTTOMS ENGINEERING OR J.R. HOE & SONS (SEE CHART & DETAIL FOR QUANTITIES).



PLAN VIEW

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

"A-ANCHOR" LIFTING SYSTEM
FOR PLANT & FIELD HANDLING.
(SEE CHART FOR TYPE & QTY.)



SECTION A-A

DIMENSIONS

PIPE Ø	H	L	S	R	V	W	A	B	C	D	NO. GRATES	CONCRETE YD ³	LBS. #4 BAR	LIFTING ANCHORS
15"	36"	102"	105 $\frac{1}{2}$ "	35 $\frac{1}{2}$ "	4"	87"	21"	21"	---	---	2 EA.	1.8	81	3 EA. CONAC 6CA1B
18"	36"	102"	105 $\frac{1}{2}$ "	35 $\frac{1}{2}$ "	4"	87"	21"	21"	---	---	2 EA.	1.8	81	3 EA. CONAC 6CA1B
24"	43"	128"	132"	42 $\frac{1}{2}$ "	5"	107"	33"	33"	---	---	2 EA.	2.7	111	4 EA. CONAC 6CA1B
30"	50"	154"	158 $\frac{1}{2}$ "	49 $\frac{1}{2}$ "	6"	127"	33"	33"	21"	---	1 EA.	2 EA.	146	4 EA. CONAC 6CA1B
36"	57"	180"	185 $\frac{1}{2}$ "	56 $\frac{1}{2}$ "	6"	147"	33"	33"	21"	21"	2 EA.	5.1	187	4 EA. CONAC 6CA1B