



Structure ID: 10 HW - 1

P1 HWSFBIO18

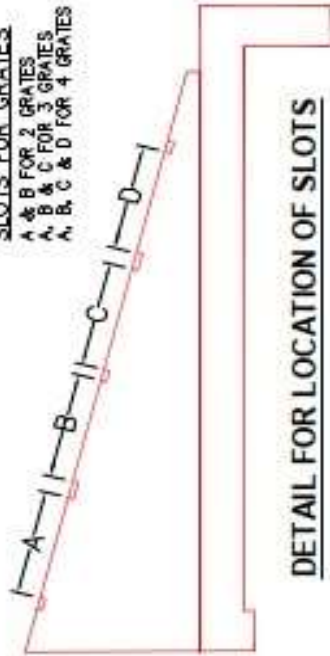
18" - SLOPED & FLARED BOX I/O F/F

NOTES:

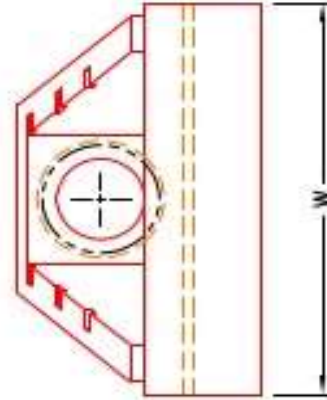
1. CONCRETE: KYTC APPROVED.
2. REINFORCING: #5 BAR @ 12" C/C E.W.-GRADE 60, (WITH 2" CONCRETE COVER MINIMUM)
3. REINFORCING BARS TO BE TACK WELDED OR TIED.
4. PIPE AND LIFTING ANCHOR POCKETS TO BE GROUTED.
5. WITH KYTC APPROVED NON-SHRINK GROUT.
6. DRAWING TO BE USED IN CONJUNCTION WITH KYTC STD. DRAWINGS RDB-105-06 & RDB-106-05 AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
7. 2" CHAMFER ON ALL EXPOSED EDGES.
8. PERFORMED 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

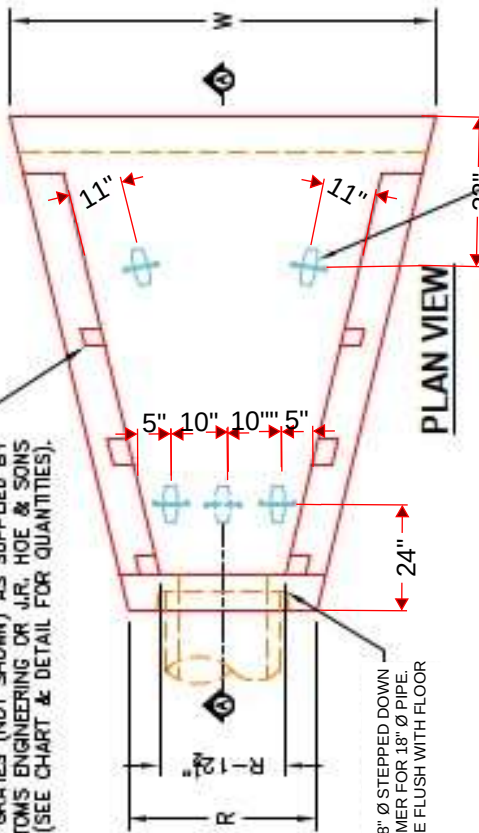


INFRASTRUCTURE PRECAST, INC.
941 WEST 7TH ST. BEAVER DAM, KY. 42320
PHONE: (270) 363-2238, FAX: (270) 298-7424

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
WEB: WWW.IPCASTING.COM SCALE: NTS

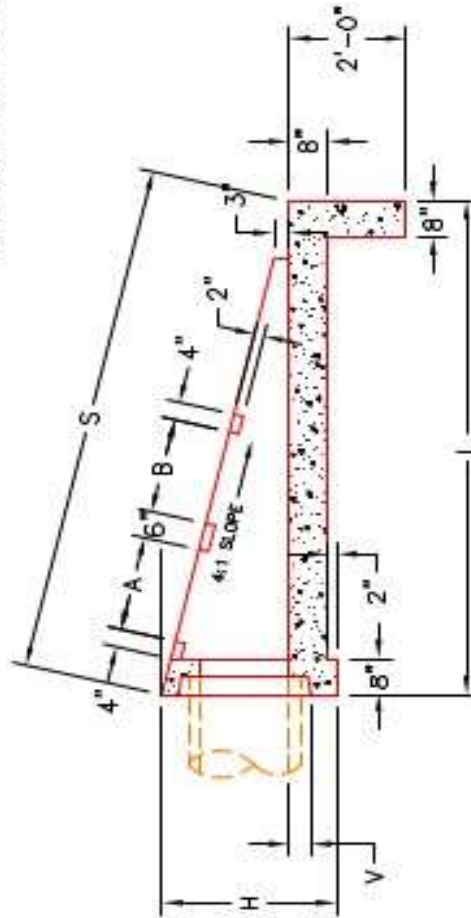
SLOTS AS REQUIRED FOR STRUCTURAL STEEL GRATES (NOT SHOWN) AS SUPPLIED BY BOTTOM'S ENGINEERING OR J.R. HOE & SONS (SEE CHART & DETAIL FOR QUANTITIES).



23" Ø TO 18" Ø STEPPED DOWN HOLE FORMER FOR 18" Ø PIPE. 18" Ø TO BE FLUSH WITH FLOOR.

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

PLAN VIEW



SECTION A-A

DIMENSIONS

PIPE Ø	H	L	S	R	V	W	A	B	C	D	NO. GRATES	CONCRETE	LBS.	ANCHORS	LIFTING
15"	36"	102"	102"	36"	4"	87"	21"	21"	---	---	2 EA.	1.8	81	3 EA.	3 EA.
18"	36"	102"	102"	36"	4"	87"	21"	21"	---	---	2 EA.	1.8	81	3 EA.	3 EA.
24"	42"	118"	118"	42"	5"	107"	33"	33"	---	---	2 EA.	2.7	111	4 EA.	4 EA.
30"	50"	134"	134"	50"	6"	127"	33"	33"	21"	21"	1 EA.	3.8	148	4 EA.	4 EA.
36"	57"	160"	160"	56"	6"	147"	33"	33"	21"	21"	2 EA.	5.1	187	4 EA.	4 EA.