Job Name: 25-4245 - KYTC Marion Co Call 104 (251015)
Job Location: Lebanon, KY
Contractor: Rame Contracting LLC

Plant: 100
12/29/2025 11:42:09 AM

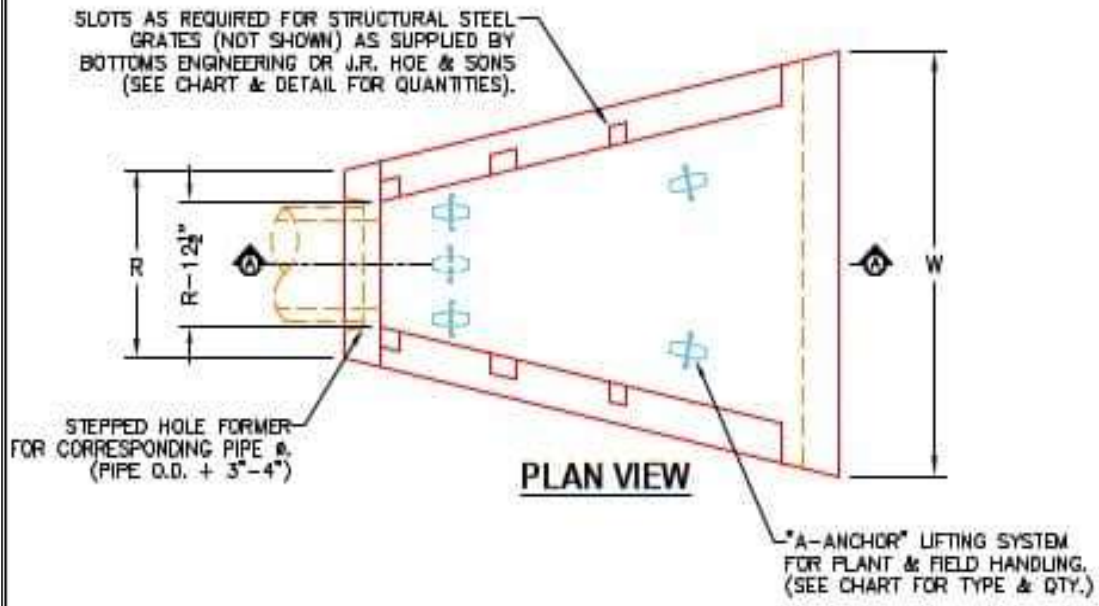
Tech: J. Horsley - A
PC: Celina Goff

Structure ID: 11-54245 4

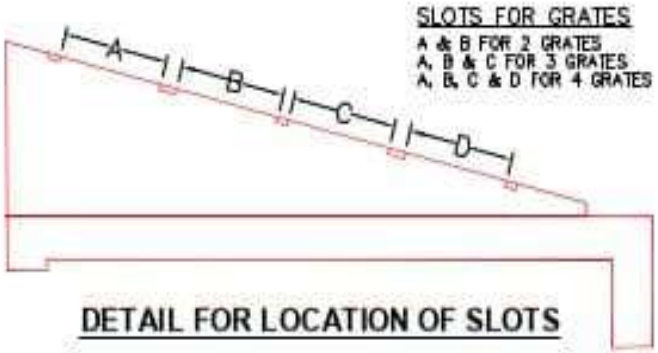
P1 HWSFBIO24 24" - SLOPED & FLARED BOX I/O F/F

~NOTES:

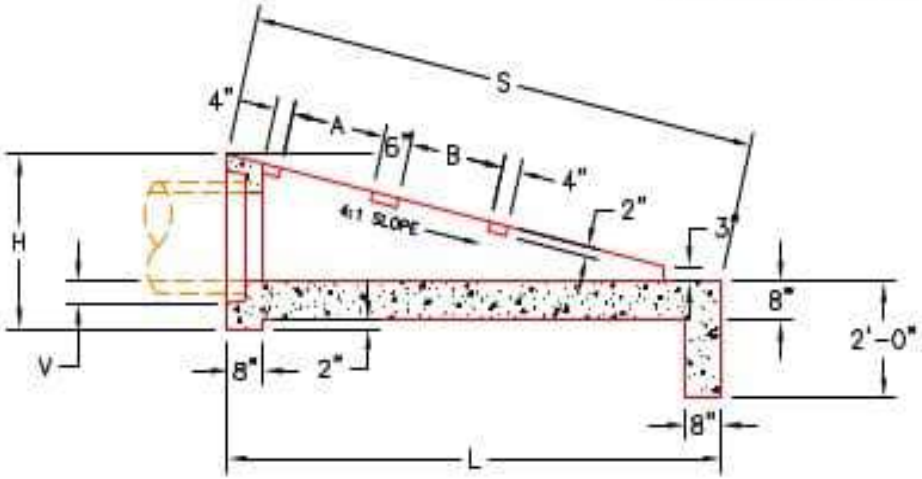
1. CONCRETE: KYTC APPROVED.
2. REINFORCING: #5 BAR @ 12" C/C E.W.-GRADE 60. (WITH 2" CONCRETE COVER MINIMUM)
3. REINFORCING BARS TO BE TACK WELDED OR TIED.
4. PIPE AND LIFTING ANCHOR POCKETS TO BE GROUTED WITH KYTC APPROVED NON-SHRINK GROUT.
5. DRAWING TO BE USED IN CONJUNCTION WITH KYTC STD. DRAWINGS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



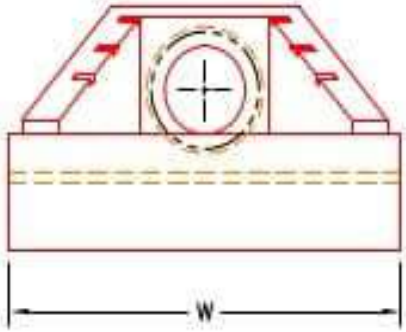
PLAN VIEW



DETAIL FOR LOCATION OF SLOTS



SECTION A-A



FRONT ELEVATION

DIMENSIONS

PIPE Ø	H	L	S	R	V	W	A	B	C	D	NO. GRATES 2'	NO. GRATES 3'	CONCRETE YD³	LBS. #4 BAR	LIFTING ANCHORS
15"	38"	102"	105½"	35½"	4"	87"	21"	21"	---	---	2 EA.	---	1.8	81	3 EA. CONAC BCA1B
18"	38"	102"	105½"	35½"	4"	87"	21"	21"	---	---	2 EA.	---	1.8	81	3 EA. CONAC BCA1B
24"	43"	108"	133"	43½"	5"	107"	33"	33"	---	---	---	3 EA.	2.7	111	4 EA. CONAC BCA1B
30"	50"	154"	158½"	49½"	6"	127"	33"	33"	21"	---	1 EA.	2 EA.	3.8	148	4 EA. CONAC BCA1B
36"	57"	180"	183½"	56½"	6"	147"	33"	33"	21"	21"	2 EA.	2 EA.	5.1	187	4 EA. CONAC BCA1B

INFRASTRUCTURE PRECAST, INC.
981 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: H. RICHARDS
WEB: WWW.ICASTINC.COM	SCALE: NTS

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