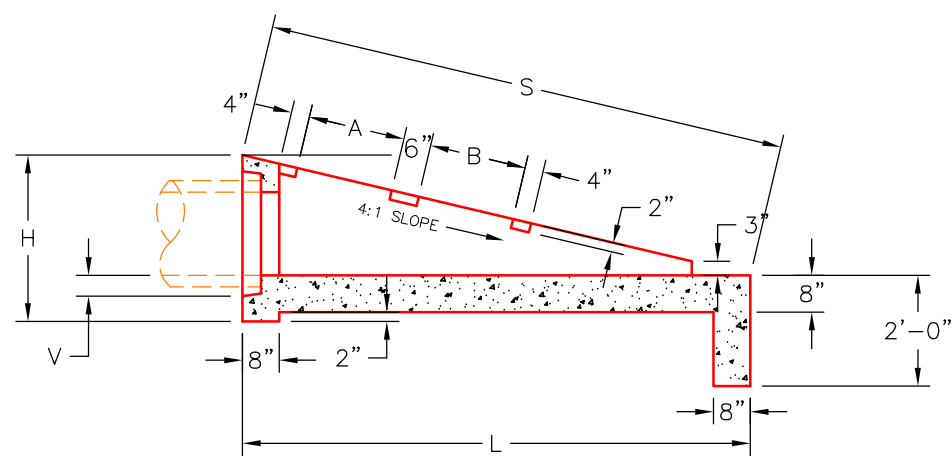
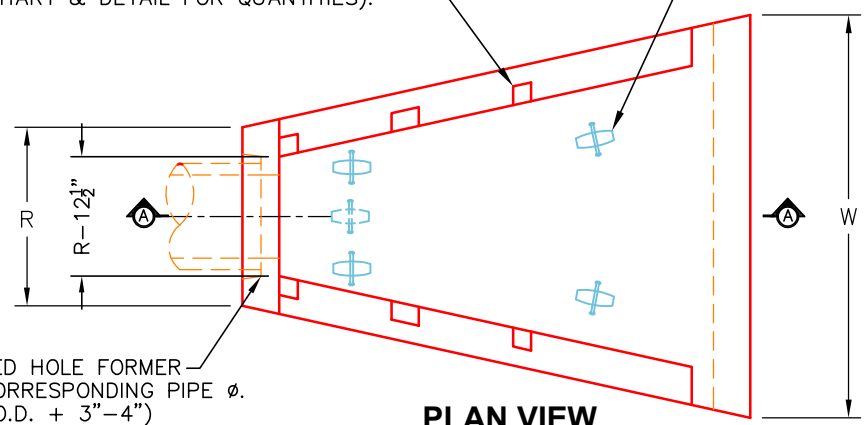


SLOTS AS REQUIRED FOR STRUCTURAL STEEL GRATES (NOT SHOWN) AS SUPPLIED BY BOTTOMS ENGINEERING OR J.R. HOE & SONS (SEE CHART & DETAIL FOR QUANTITIES).

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

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

PLAN VIEW



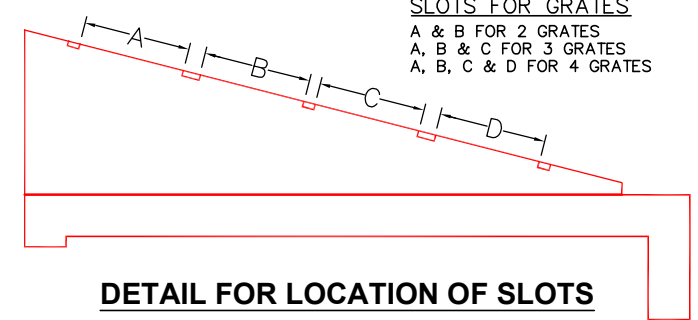
SECTION A-A

~NOTES:

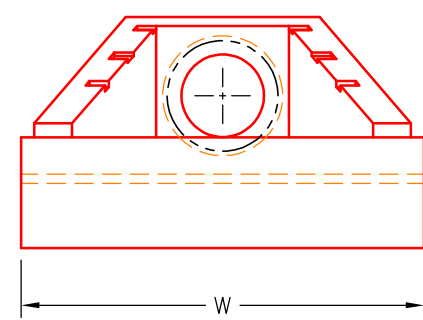
1. CONCRETE: KYTC APPROVED.
2. REINFORCING: #5 BAR @ 12" C/C E.W.-GRADE 60, (WITH 2" CONCRETE COVER MINIMUM)
3. REINFORCING BARS TO BE TACK WELDED OR TIED.
4. PIPE AND LIFTING ANCHOR POCKETS TO BE GROUTED WITH KYTC APPROVED NON-SHRINK GROUT.
5. DRAWING TO BE USED IN CONJUNCTION WITH KYTC STD. DRAWINGS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



DIMENSIONS

| PIPE Ø | H   | L    | S        | R       | V  | W   | A   | B   | C   | D   | NO. GRATES |     | CONCRETE YD³ | LBS. #4 BAR | LIFTING ANCHORS   |
|--------|-----|------|----------|---------|----|-----|-----|-----|-----|-----|------------|-----|--------------|-------------|-------------------|
|        |     |      |          |         |    |     |     |     |     |     | 2'         | 3'  |              |             |                   |
| 18"    | 36" | 102" | 105 1/8" | 35 1/2" | 4" | 87" | 21" | 21" | --- | --- | 2 EA.      | --- | 1.8          | 81          | 3 EA. CONAC 6CA18 |

APPROVED FOR DESIGN ONLY

BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

DIVISION OF CONSTRUCTION

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 OUTLET-OUTLET HEADWALL (NO SKEW)  
DRAWING NO.: KYTC 12"-36" SF-10 DATE: 12-08-21  
REVIEWED BY: J.H. ROSS, PE  
WEB: WWW.ICASTINC.COM  
DRAWN BY: N. RICHARDS  
SCALE: NTS

