

**Job Name: 24-1643B - KYTC McCracken Co. Call 200 (ID 241301)**  
**Job Location: Paducah, KY**  
**Contractor: Jim Smith Contracting Co, LLC**

PC: C. Goff  
TECH: J. Horsley  
Plant: 100

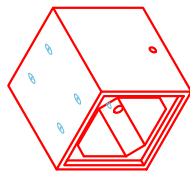


Structure ID: **St. 45+00 (PC 14)**  
Spec: Box Culvert  
Type: Box Culvert (08W/08F/08T)  
Size: 48" x 48"

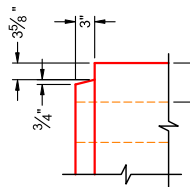
Rim: 5.75'  
Invert: 5.75'  
Rim to Invert: 0'

Sump: 0"  
Floor (Top): 0'  
Floor Height: 0'

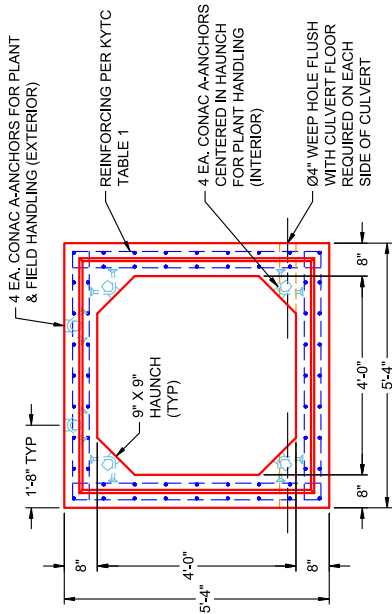
Floor (Bot): 0'  
Overall Height: 5.75'  
Slack: 0"



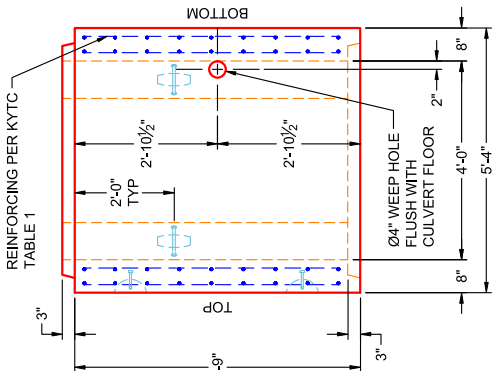
**COMPONENT  
ISOMETRIC  
VIEW**



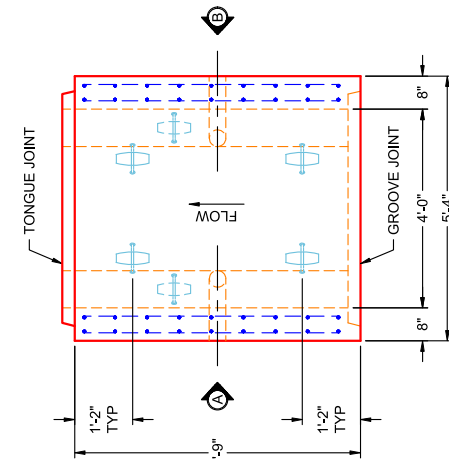
**JOINT DETAIL  
(TYP)  
NTS**



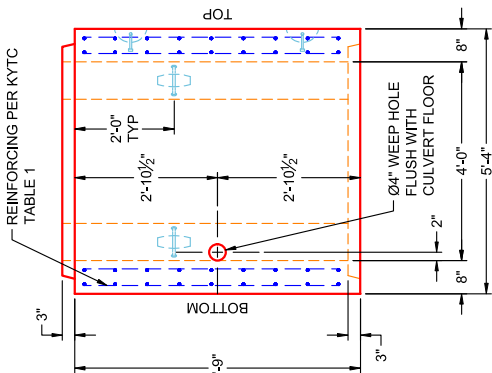
**END VIEW  
TYPICAL**



**VIEW B  
PC 14**



**PLAN VIEW  
PC 14**



**VIEW A  
PC 14**

- GENERAL NOTES:**
- PER SECTION 605 OF KYTC STANDARD SPECS FOR ROAD & BRIDGE CONSTRUCTION  
- KYTC STAMP REQUIRED  
- WEEP HOLES REQUIRED
  - LOAD REQUIREMENTS: KY-HL93 (KY TABLE 1)
  - REINFORCEMENT PER KYTC TABLE 1
  - COVER DEPTH: 0' - 7"
  - CONCRETE: 5,000 PSI AT 28 DAYS
  - JOINT SEALANT: 1" BUTYL MASTIC (CS-102)  
EXTERIOR JOINT WRAP: 12" WIDE (CS-212)
  - WEIGHT: 4' X 4' RCBC = 1,968 LBS / LF  
(5'-9" LONG SECTION = 11,314 LBS)

**REVISION INFORMATION**

REV. DATE: NO REVISIONS TO DATE

SUBMITTAL DRAWING:  
4'-0" X 4'-0" X 5'-9" BOX CULVERT (8" WALLS & 9" HAUNCH)

CUSTOMER: JIM SMITH CONTRACTING

PROJECT: KYTC MCCracken CO CALL 200 (ID 241301)

STRUCTURE: ST. 45+00 (PC 14)

QUOTE/SALES ORDER NO: 24-1643B

CHECKED BY: B. SMITH

DATE: 05/28/26

SCALE: NTS

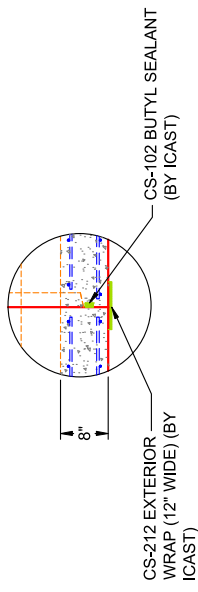
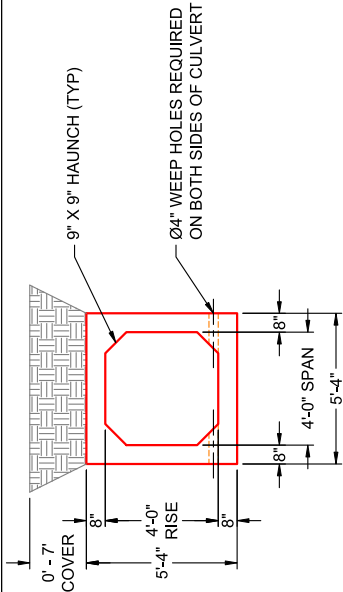
PG. 1 OF 1



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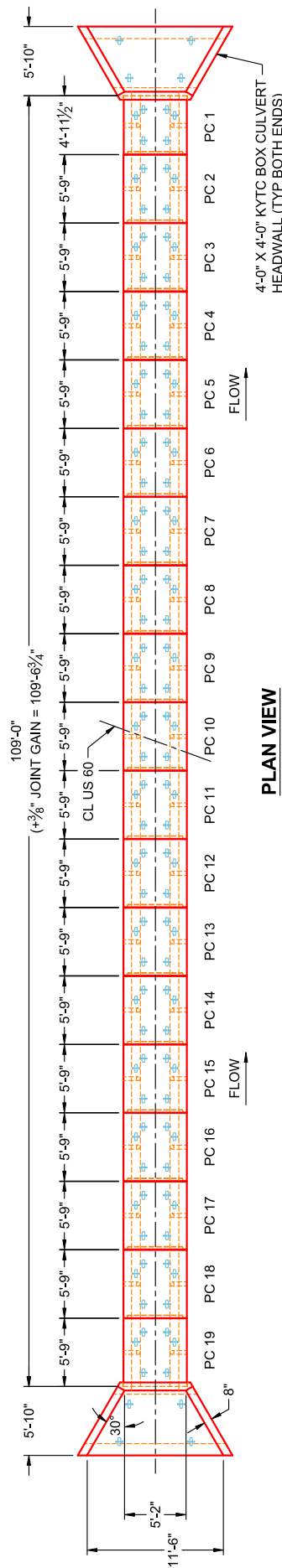
**GENERAL NOTES:**

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  - KYTC STAMP REQUIRED
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- LOAD REQUIREMENTS: KY-HL93 (KY TABLE 1)
- REINFORCEMENT PER KYTC TABLE 1
- COVER DEPTH: 0' - 7"
- CONCRETE: 5,000 PSI AT 28 DAYS
- JOINT SEALANT: 1" BUTYL MASTIC (CS-102)  
EXTERIOR JOINT WRAP: 12" WIDE (CS-212)
- WEIGHT: 4' X 4' ROBC = 1,968 LBS / LF  
- 4'-11 1/2" LONG SECTION = 9,756 LBS  
- 5'-9" LONG SECTION = 11,314 LBS

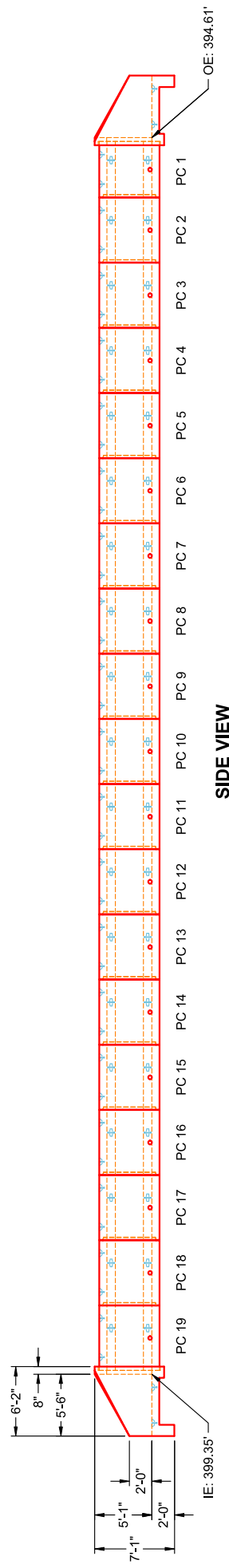


**JOINT DETAIL (TYP)**  
NTS

**TYP. COVER DETAIL**  
NTS



**PLAN VIEW**



**SIDE VIEW**

**REVISION INFORMATION**

| REV. | DATE | NO REVISIONS TO DATE |
|------|------|----------------------|
|------|------|----------------------|

**SUBMITTAL DRAWING:**  
4' X 4' BOX CULVERT LAYING PLAN

|                       |                                         |
|-----------------------|-----------------------------------------|
| CUSTOMER:             | JIM SMITH CONTRACTING                   |
| PROJECT:              | KYTC MCCracken CO. CALL 200 (ID 241301) |
| STRUCTURE:            | ST. 45+00                               |
| QUOTE/SALES ORDER NO: | 24-1643B                                |
| CHECKED BY:           | B. SMITH                                |
| DRAWN BY:             | K. CARDWELL                             |
| DATE:                 | 05/28/26                                |
| SCALE:                | NTS                                     |
| PG.                   | 1 OF 1                                  |

