

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

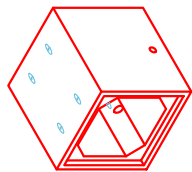


Structure ID: **St. 45+00 (PC 5)**
Spec: Box Culvert
Type: Box Culvert (08W/08F/08T)
Size: 48" x 48"

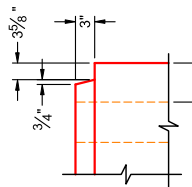
Rim: 5.75'
Invert: 5.75'
Rim to Invert: 0'

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

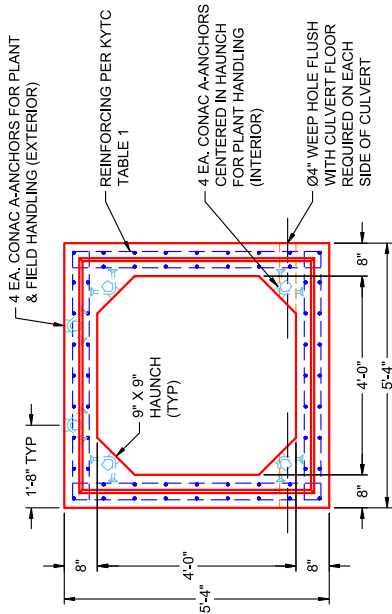
Floor (Bot): 0'
Overall Height: 5.75'
Slack: 0"



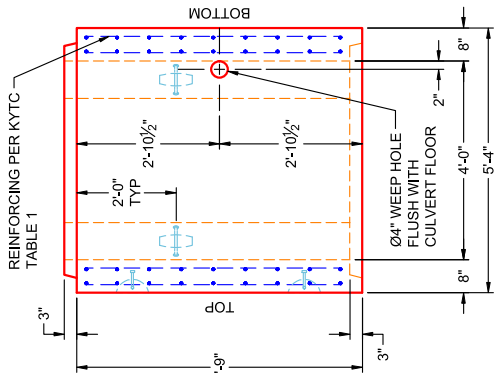
**COMPONENT
ISOMETRIC
VIEW**



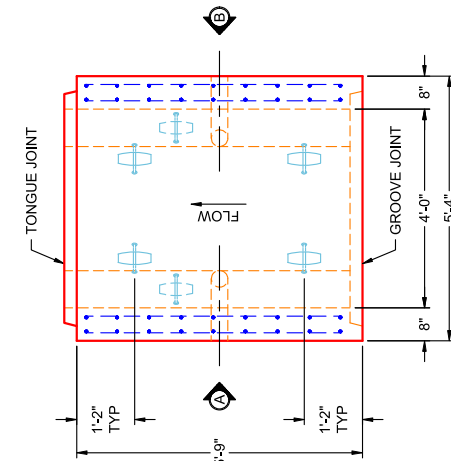
**JOINT DETAIL
(TYP)
NTS**



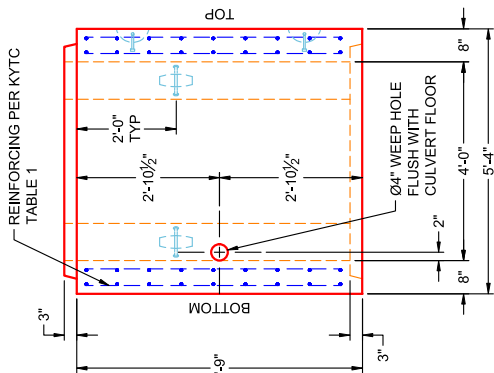
**END VIEW
TYPICAL**



**VIEW B
PC 5**



**PLAN VIEW
PC 5**



**VIEW A
PC 5**

- 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 5)

QUOTE/SALES ORDER NO: 24-1643B

CHECKED BY: B. SMITH

DATE: 05/28/26

DRAWN BY: K. CARDWELL

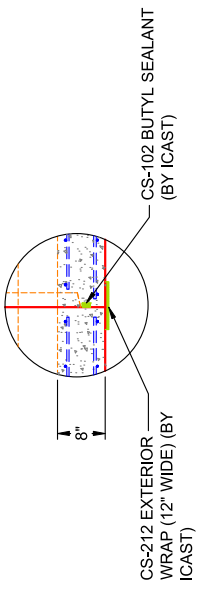
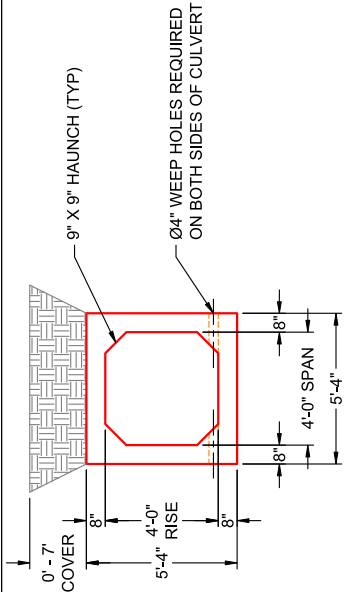
SCALE: NTS

PG. 1 OF 1

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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

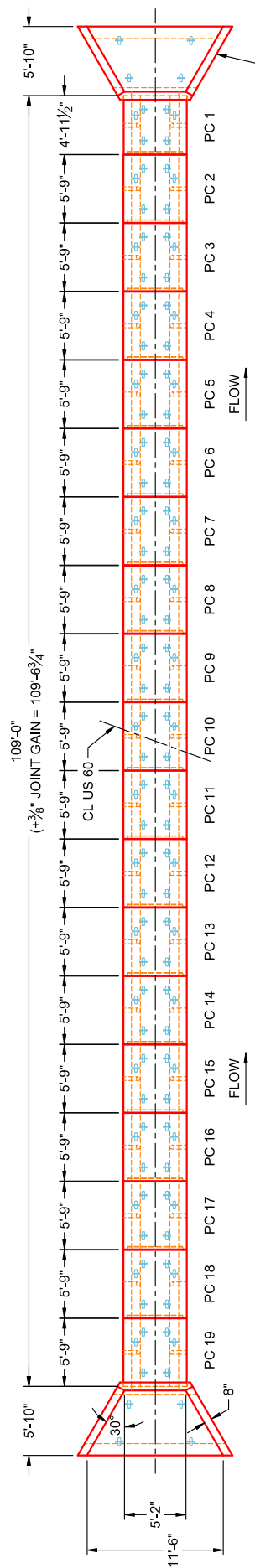


JOINT DETAIL (TYP)

NTS

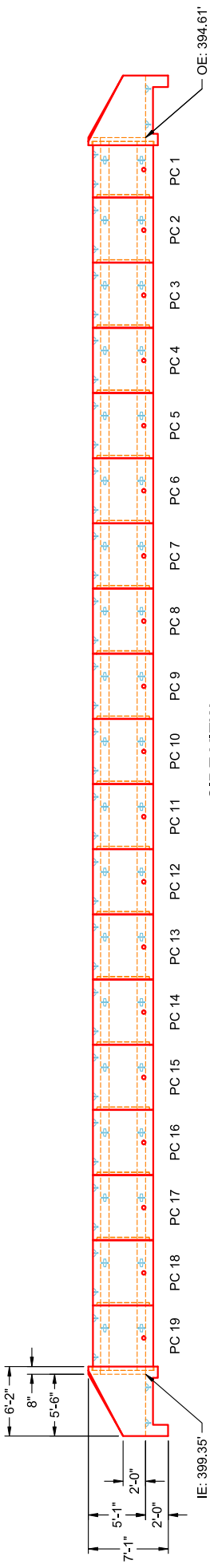
TYP. COVER DETAIL

NTS



PLAN VIEW

FLOW



SIDE VIEW

FLOW

REVISION INFORMATION

REV.	DATE	NO REVISIONS TO DATE
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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

