

Job Name: 25-2898 - Hunter's Ridge Ph.1
Job Location: Owensboro, KY
Contractor: Ernie Davis & Sons Mechanical, Inc.

Plant: 100
5/29/2026 8:42:13 AM

Tech: Jared - A
PC: A. Chambers



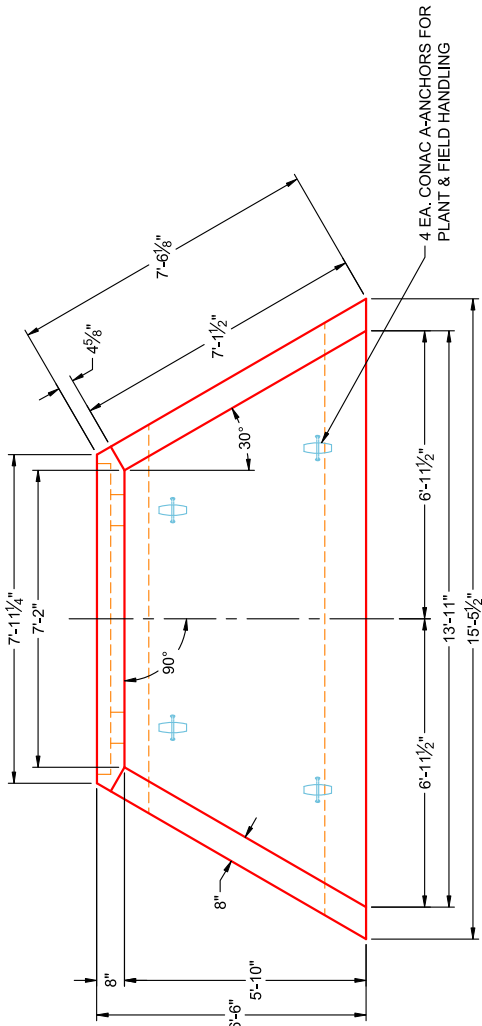
Structure ID: BC 6 x 4 HW (2)

P1 HWCUSTOM

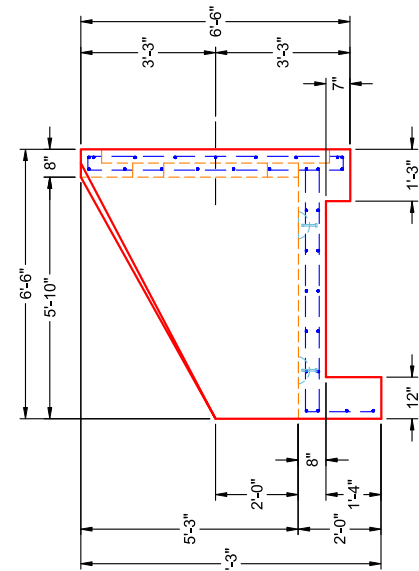
72" x 48" - BOX CULVERT HEADWALL F/F

GENERAL NOTES:

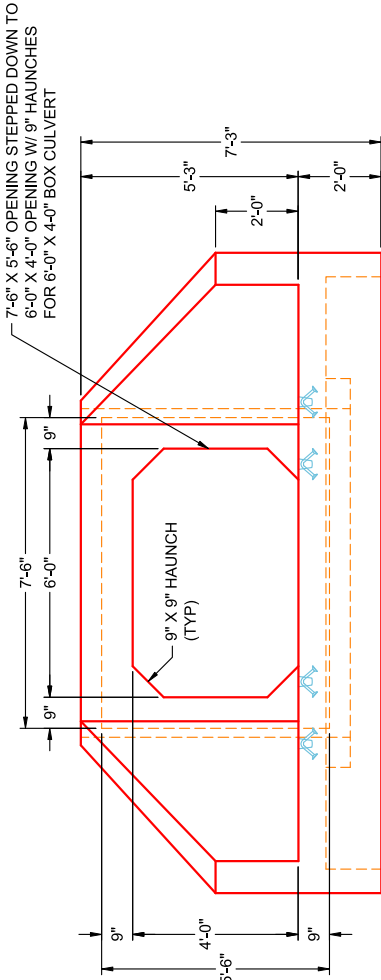
- DRAWING TO BE USED IN CONJUNCTION WITH KYTC STANDARD DRAWINGS RDH-1000-02, RDH-1100-02, RDH-1200-02, & RDH-1300-03
- REINFORCEMENT PER KYTC STANDARD DRAWINGS RDH-1000-02, RDH-1200-02, & RDH-1300-03 - 2" MIN. REBAR CLEARANCE (TYP)
- CONCRETE: 5,000 PSI AT 28 DAYS
- WEIGHT: 17,065 LBS
- HEADWALLS LOCATED AT SHOULDER EDGE SHALL BE PARALLEL TO CENTERLINE OF ROADWAY
- PAVING SHALL BE REQUIRED & SHALL BE SLOPED IN DIRECTION OF FLOW EQUAL TO SLOPE OF BOX. FRONT FACE OF HEADWALL & ENDS OF WINGS SHALL REMAIN VERTICAL.



PLAN VIEW



SIDE VIEW



FRONT VIEW

REVISION INFORMATION

REV. DATE: NO REVISIONS TO DATE

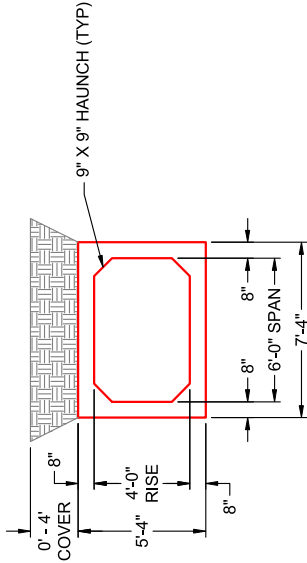
SUBMITTAL DRAWING:
6'-0" X 4'-0" BOX CULVERT HEADWALL - 0° SKEW
CUSTOMER: ERNIE DAVIS & SONS MECHANICAL, LLC
PROJECT: HUNTER'S RIDGE PH 1
STRUCTURE: BC 6 X 4 HW (2)
QUOTE/SALES ORDER NO: 25-2898
CHECKED BY: B. SMITH
DATE: 05/29/26
SCALE: NTS
PG. 1 OF 1



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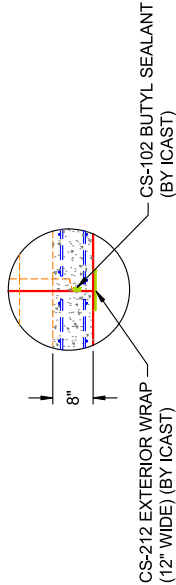
GENERAL NOTES:

- PER SECTION 605 OF KYTC STANDARD SPECS FOR ROAD & BRIDGE CONSTRUCTION
- LOAD REQUIREMENTS: KY-HL93 (KY TABLE 1)
- REINFORCEMENT PER KYTC TABLE 1
- COVER DEPTH: 0' - 4"
- CONCRETE: 5,000 PSI AT 28 DAYS
- JOINT SEALANT: 1" BUTYL MASTIC (CS-102)
EXTERIOR JOINT WRAP: 12" WIDE (CS-212)
- WEIGHT: 6' X 4' RCBC = 2,354 LBS / LF
- 4'-7" LONG SECTION = 10,790 LBS
- 5'-9" LONG SECTION = 13,537 LBS



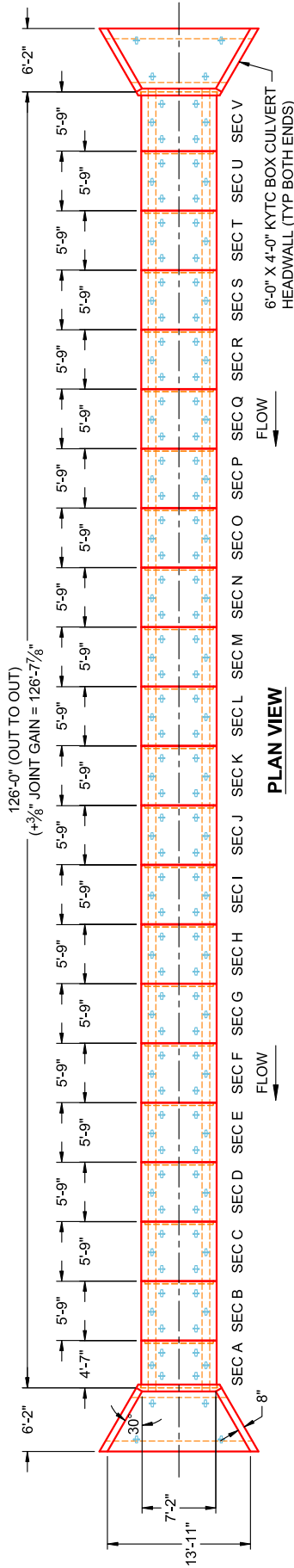
TYP. COVER DETAIL

NTS

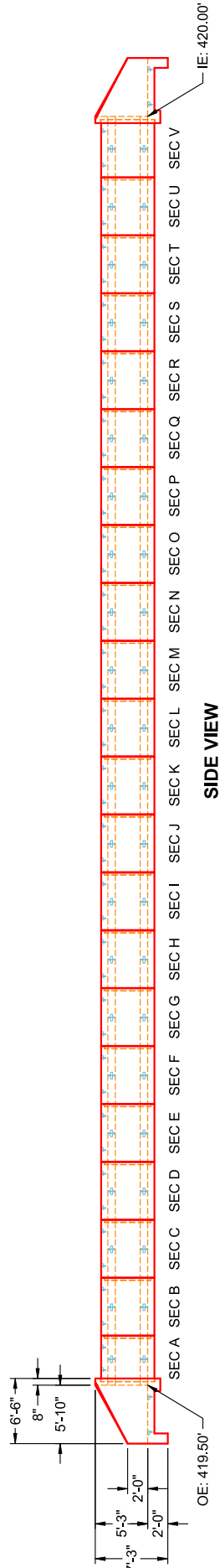


JOINT DETAIL (TYP)

NTS



PLAN VIEW



SIDE VIEW

REVISION INFORMATION

REV. / DATE: NO REVISIONS TO DATE



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

CUSTOMER: ERNIE DAVIS & SONS MECHANICAL, LLC

PROJECT: HUNTER'S RIDGE PH 1

STRUCTURE: BC 6 X 4

QUOTE/SALES ORDER NO: 25-2898

CHECKED BY: B. SMITH

DRAWN BY: K. CARDWELL

DATE: 05/29/26

SCALE: NTS

PG. 1 OF 1