

**Structure ID: CV-3 WWB**

P1 CVBS

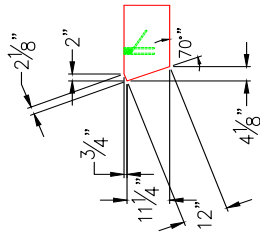
WINGWALL - 135" X 168" WINGWALL - 135" x 168"

NOTES:

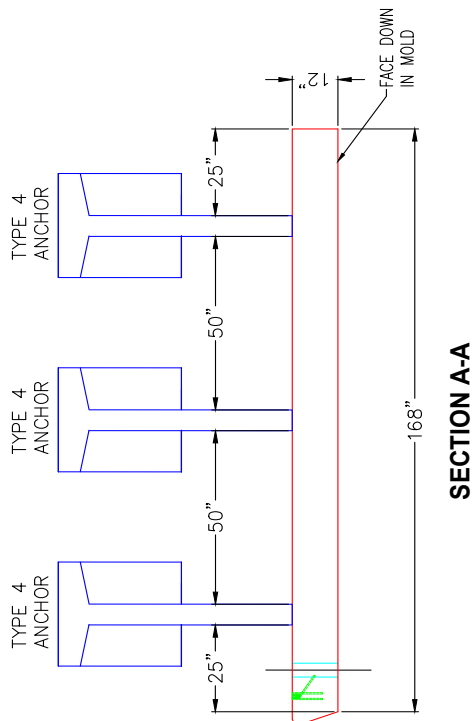
1. WINGWALL IS DESIGNED PER AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIAL SPECIFICATION IN ACCORDANCE W/ AASHTO LRFD BRIDGE DESIGN SPECIFICATION 9TH EDITION.
2. CONCRETE: 5,000 PSI AT 28 DAYS.
3. WINGWALL FOUNDATIONS ARE DESIGNED IN ACCORDANCE WITH FACTORED BEARING RESISTANCE : 2500 PSF.
5. REINFORCING: PER ATTACHED CALCULATIONS.
6. 2" CLEAR COVER OVER ALL REINFORCING.
7. WEIGHT = 14,500 LBS

NOTE:

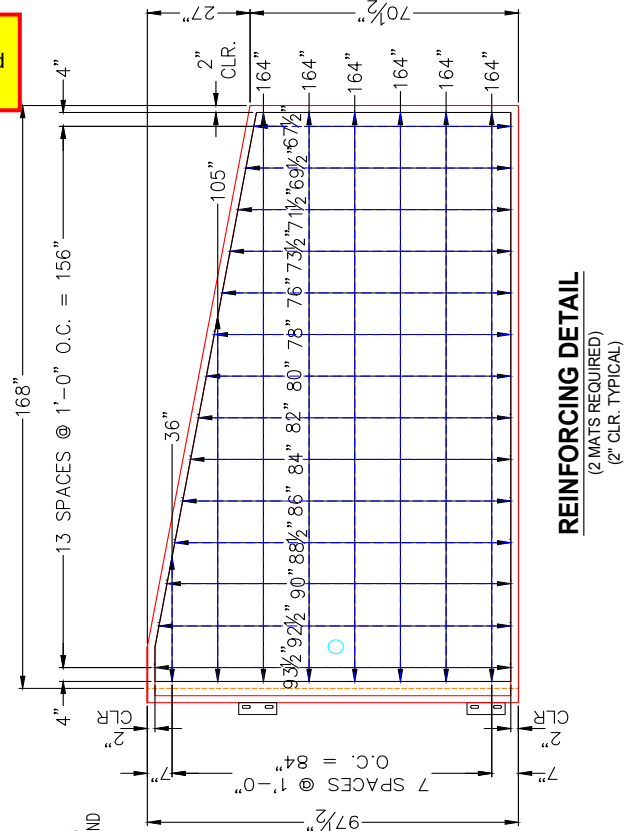
This drawing is for reference only, PE Stamped drawings shall be followed for all details.



DETAIL 1

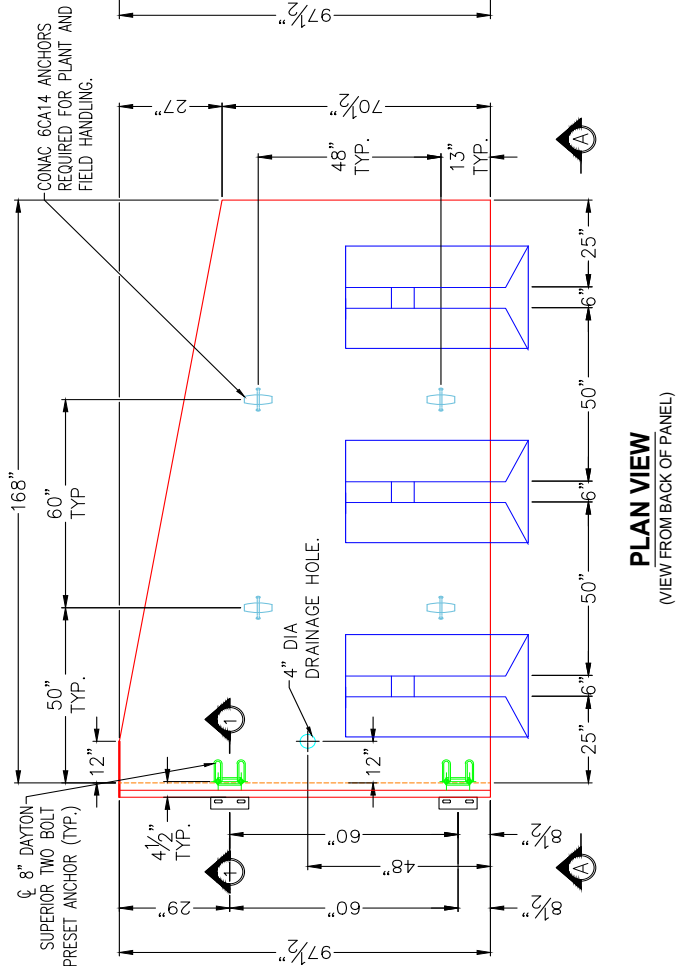


SECTION A-A



REINFORCING DETAIL

(2 MATS REQUIRED)
(2" CLR. TYPICAL)



PLAN VIEW

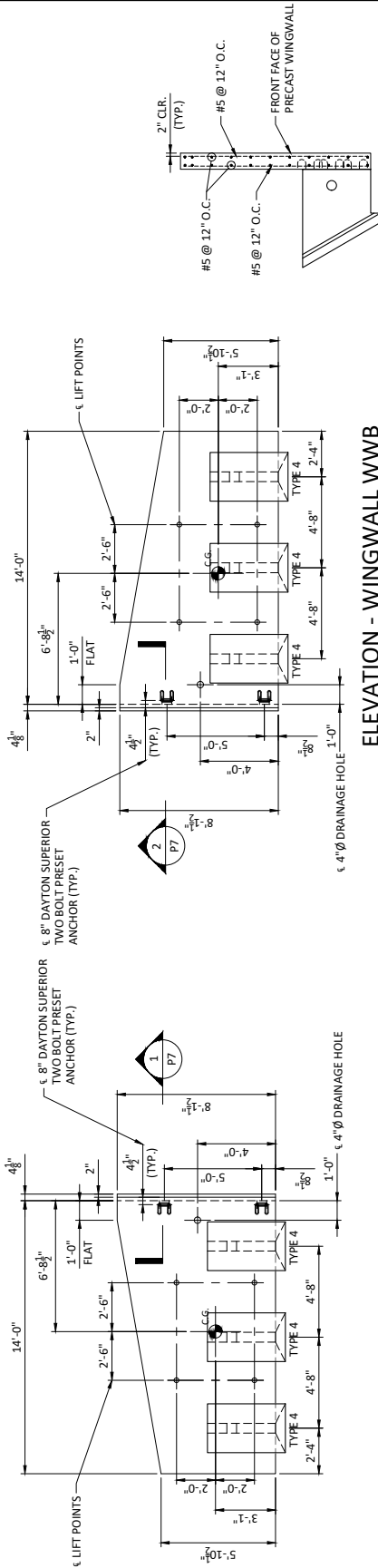
(VIEW FROM BACK OF PANEL)



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WINGWALL - 135" X 168" WINGWALL - 135" x 168"



ELEVATION - WINGWALL WWB

TOTAL WEIGHT = 10.1 TONS
PROVIDE 4" Ø x 14" PERFORATED DRAIN
W/ ELBOW, END CAP AND FILTER FABRIC SOCK
PROVIDE (1) 9' LONG x 2' WIDE STRIP OF FILTER FABRIC

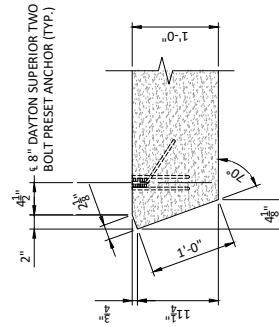
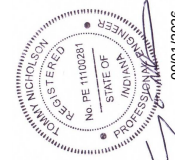
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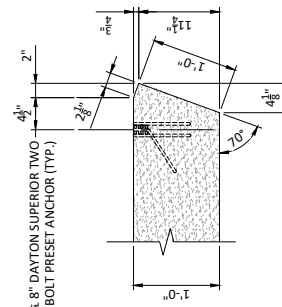
REINFORCING SECTION
NOT TO SCALE

DESIGN NOTES

1. ALL EDGES TO HAVE 3" CHAMFER
2. FCS = 5,000 PSI
3. WALL PANEL WILL NOT HANG LEVEL
4. ADJUST LIFTING CABLES AS REQUIRED
5. ELEVATION LOOKING AT BACK FACE OF WINGWALL



SECTION



SECTION

UNCOATED REINFORCING

FOR APPROVAL

PROJECT NUMBER: 26-355
DATE: 9/17/2026
DESIGNED BY: JUK
DRAWN BY: SP
CHECKED BY: TEN
09/01/2026

PRETEK GROUP
P.O. BOX 351
BELLEVILLE, OH 45305
800.243.0855

PROVIDED BY: PRETEK GROUP
881 W 7TH STREET
BELLEVILLE, OH 45305
270.383.2288

STATE: IN

FERDINAND STATE FOREST CULVERT CV-3

LOCAL: DUDELS COUNTY

DATE	DESCRIPTION	ENG
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9		
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11		
12		