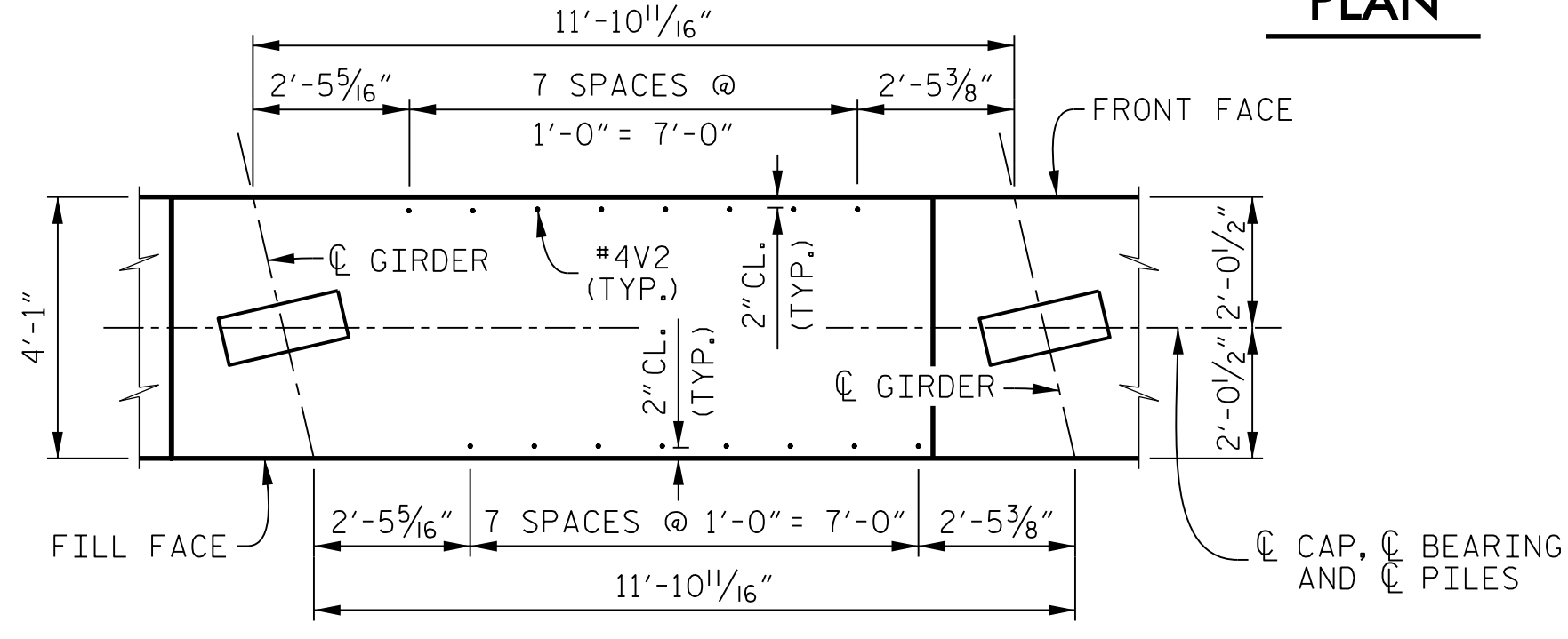
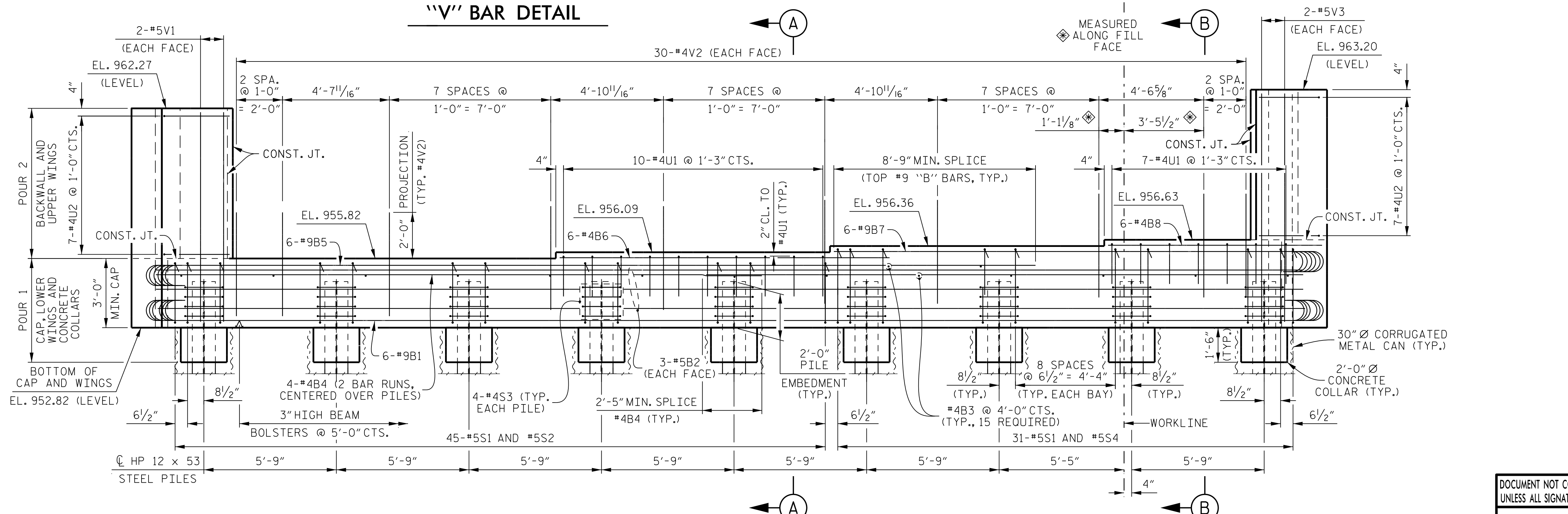


**PLAN**



**"V" BAR DETAIL**



**ELEVATION**

**NOTES**

STIRRUPS AND "U" BARS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR #4V2 BARS.

THE TOP SURFACE OF THE END BENT CAP UNDER THE INTEGRAL END BENT DIAPHRAGM, EXCEPT THE BEARING AREA, SHALL BE RAKED TO A DEPTH OF 1/4".

FOR PILE SPLICE DETAILS, SEE SHEET 3 OF 3.

FOR TEMPORARY DRAINAGE AT END BENT DETAIL, SEE SHEET 3 OF 3.

FOR SECTION A-A AND SECTION B-B, SEE SHEET 3 OF 3.

FOR INTEGRAL END BENT DIAPHRAGM DETAILS, SEE "TYPICAL SECTION" AND "PLAN OF SPAN" SHEETS.

THE COST TO FURNISH AND INSTALL THE 30" Ø CORRUGATED METAL CANS SHALL BE INCLUDED IN THE CONTRACT PRICE FOR MSE RETAINING WALL.

WING (W1) AND WING (W2) DETAILS ARE BASED ON A 5 1/2" WALL PANEL THICKNESS AND USING DOWELS FOR THE COPING. CONTRACTOR MAY ADJUST WINGS SLIGHTLY AS NECESSARY, BASED ON APPROVED MSE WALL SHOP DRAWINGS.

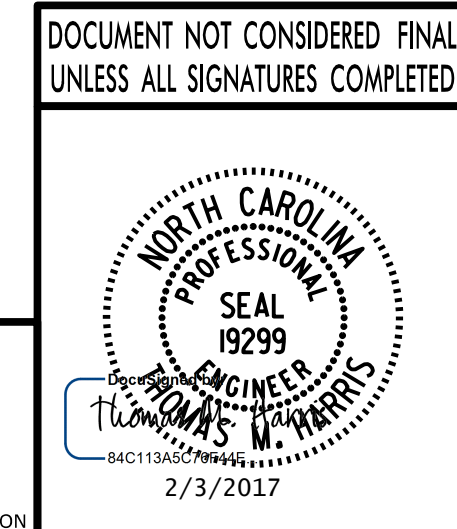
PROJECT NO. **R-2707C**  
**CLEVELAND COUNTY**  
 STATION: **611+32.01 -L-**

SHEET 1 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUBSTRUCTURE**  
**END BENT 1**  
**(LEFT LANE)**

REVISIONS						SHEET No.	
No.	BY:	DATE:	No.	BY:	DATE:	S9-17	
1			3			TOTAL SHEETS	
2			4			25	



PLANS PREPARED BY:  
**PARSONS**  
 5540 CenterView Drive, Suite 217  
 Raleigh, NC 27606-3386  
 NC LICENSE No. F-0246

DRAWN BY: **K. E. LOFTON** DATE: **6-16**  
 CHECKED BY: **A. D. SHAH** DATE: **10-16**  
 DESIGN ENGINEER: **T. M. HARRIS** DATE: **10-16**

FILE: j:\p2707c\structures\plans - smc\final\409\_003\_R2707C\_smc\_eb11\_S9-17.dgn  
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