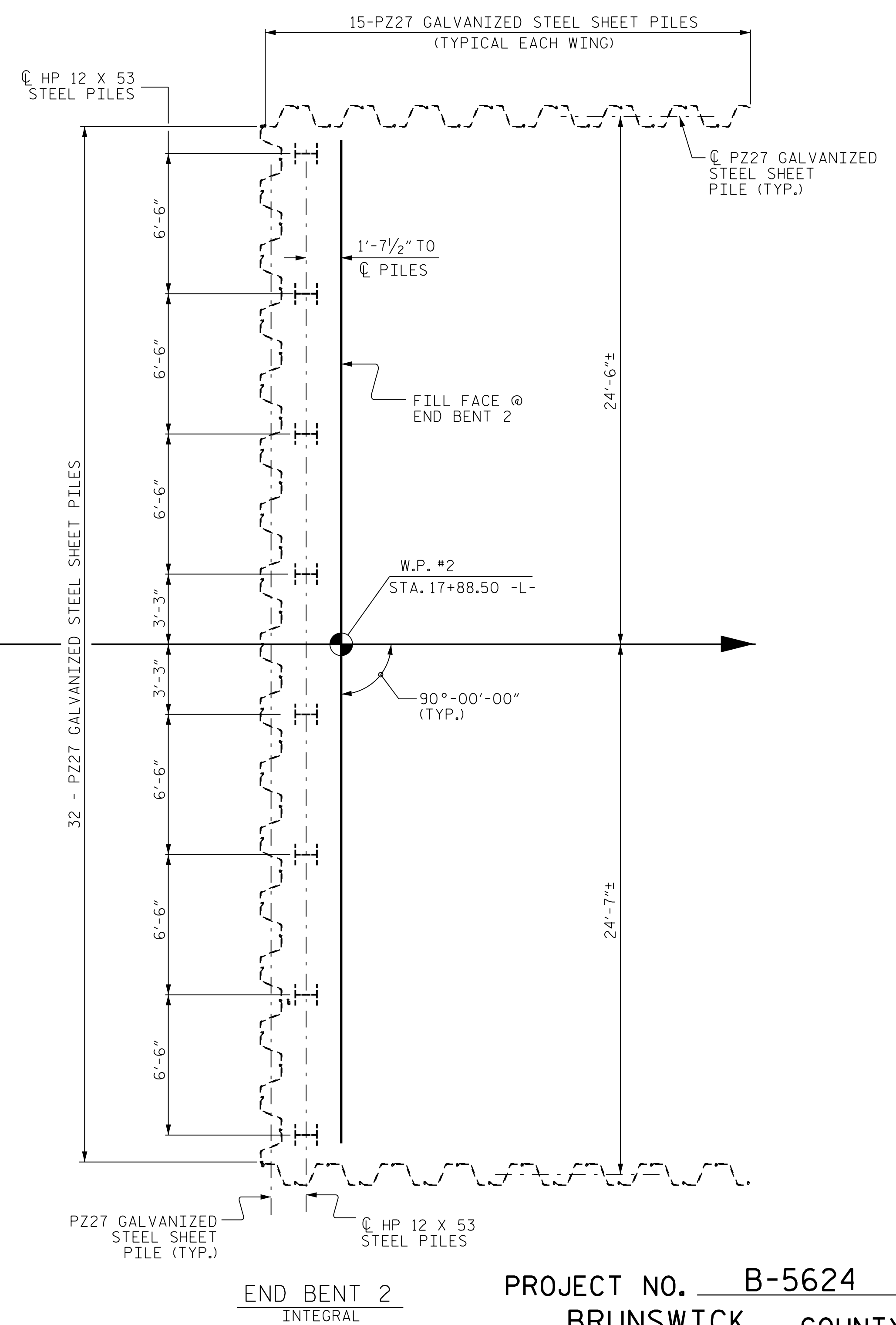


FOUNDATION LAYOUT

DIMENSIONS LOCATING PILES ARE SHOWN TO THE CENTERLINE OF PILES. ALL PILES ARE VERTICAL.

NOTES

- FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
- PILES AT END BENTS 1 AND 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 100 TONS PER PILE.
- DRIVE PILES AT END BENTS 1 AND 2 TO A REQUIRED DRIVING RESISTANCE OF 170 TONS PER PILE.
- INSTALL PILES AT END BENTS 1 AND 2 TO A TIP ELEVATION NO HIGHER THAN 28 FT.
- TESTING PILES WITH THE PDA DURING DRIVING, RESTRIKING OR REDRIVING MAY BE REQUIRED, THE ENGINEER WILL DETERMINE THE NEED FOR PDA TESTING. FOR PDA TESTING, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
- DRIVE PILES AT END BENTS 1 AND 2 AFTER INSTALLING SHEET PILE ABUTMENT WALLS.
- NO WAITING PERIOD REQUIRED AT END BENTS 1 AND 2 AFTER CONSTRUCTING THE END BENT FOUNDATIONS.
- INSTALL PZ27 AND PZ90 GALVANIZED SHEET PILES OR EQUIVALENT FOR ABUTMENT WALL INCLUDING WING WALLS AT BOTH END BENTS AND INSTALL TO A TIP ELEVATION 38.0 FT.



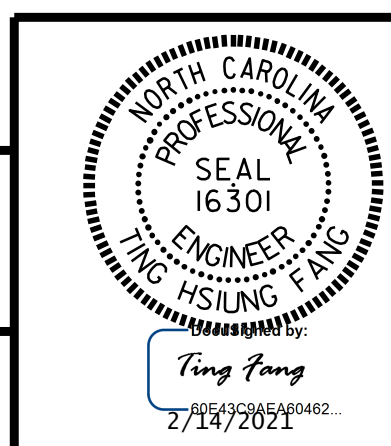
PROJECT NO. B-5624
BRUNSWICK COUNTY
 STATION: 17+46.00 -L-

SHEET 2 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING

FOR BRIDGE OVER DRIVING CREEK ON NC 211 BETWEEN SR 1341 AND SR 1448



CDM Smith
 CDM SMITH
 5400 Glenwood Avenue, Suite 400
 Raleigh, NC 27612-3228
 NC COA No. F-1255

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	DRAWN BY : JJR DATE : 9/20	DWG. No.
	CHECKED BY : THF DATE : 10/20	
	DESIGN ENGINEER : VDK DATE : 11/20	

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-02
1			3			TOTAL SHEETS
2			4			20