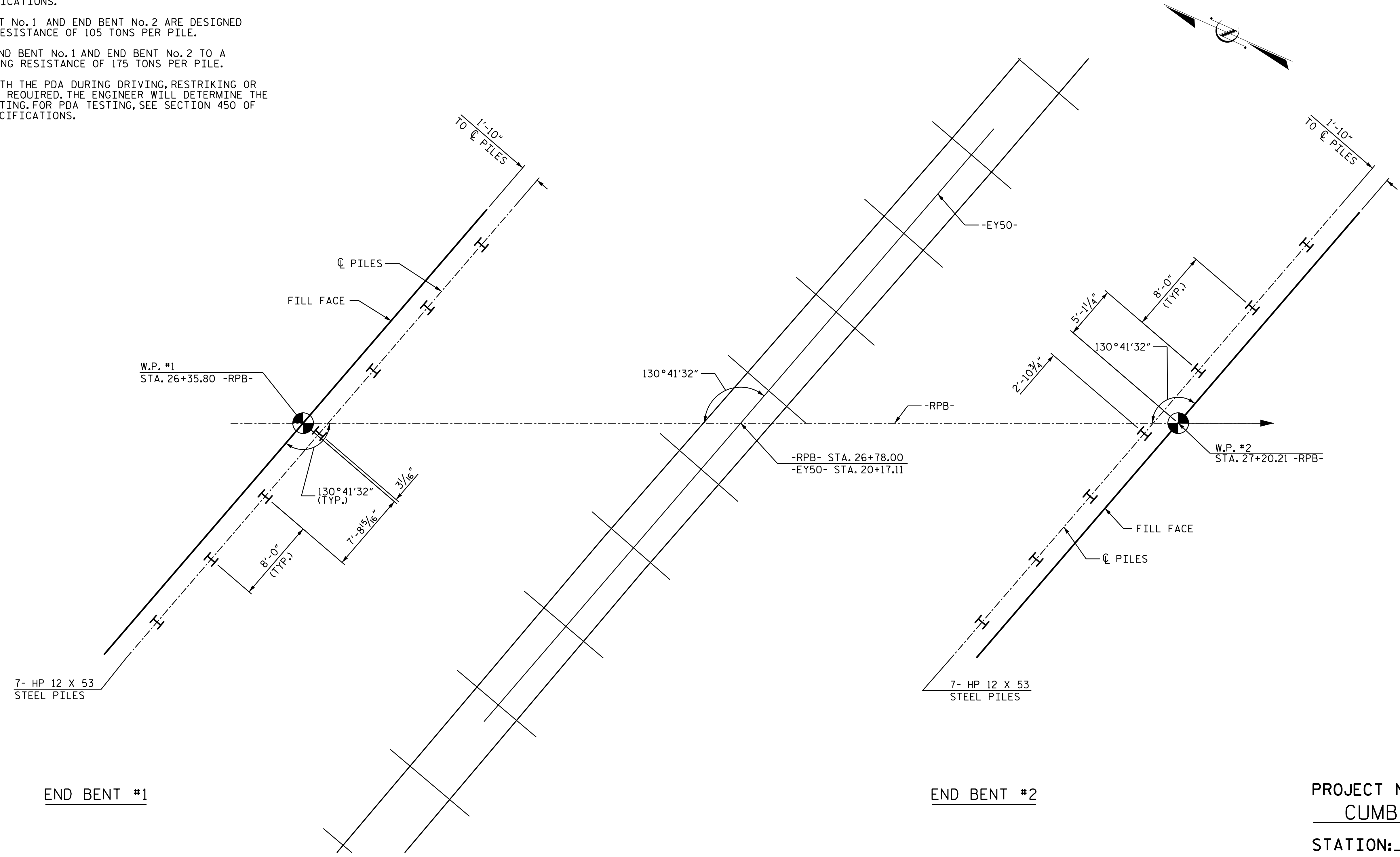


### FOUNDATION NOTES:

1. FOR PILES, SEE SPECIAL PROVISIONS AND SECTION 450 OF THE STANDARD SPECIFICATIONS.
2. PILES AT END BENT No.1 AND END BENT No.2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 105 TONS PER PILE.
3. DRIVE PILES AT END BENT No.1 AND END BENT No.2 TO A A REQUIRED DRIVING RESISTANCE OF 175 TONS PER PILE.
4. 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.



### FOUNDATION LAYOUT

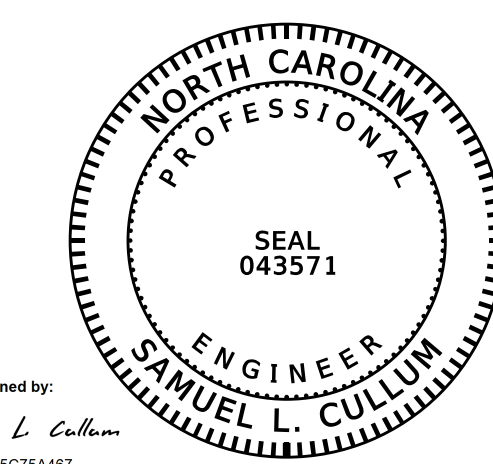
DIMENSIONS LOCATING PILES ARE SHOWN TO PILE CENTERLINE. END BENTS ARE PARALLEL TO THE RAILWAY.

PROJECT NO. U-4405  
CUMBERLAND COUNTY  
 STATION: 26+78.00 -RPB-

SHEET 2 OF 3

**KCA** 4800 SIX FORKS ROAD SUITE 120  
 KISINGER CAMPO & ASSOCIATES RALEIGH, NC 27609  
 (919) 882-7839

DRAWN BY : J. B. HANNA DATE : 05-17  
 CHECKED BY : L. MARTINEZ DATE : 05-17  
 DESIGN ENGINEER OF RECORD: S. CULLUM DATE : 05-17



6/6/2018 12:30:46 PM PDT

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
GENERAL DRAWING FOR BRIDGE ON RAMP B OVER ABERDEEN AND ROCKFISH RAILROAD BETWEEN SR 1400 AND US 401					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
TOTAL SHEETS					26