

NOTES

FOR PILES, SEE GEOTECHNICAL SPECIAL PROVISIONS AND SECTION 450 OF THE STANDARD SPECIFICATIONS.

PILES AT END BENT 1 AND END BENT 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 105 TONS PER PILE.

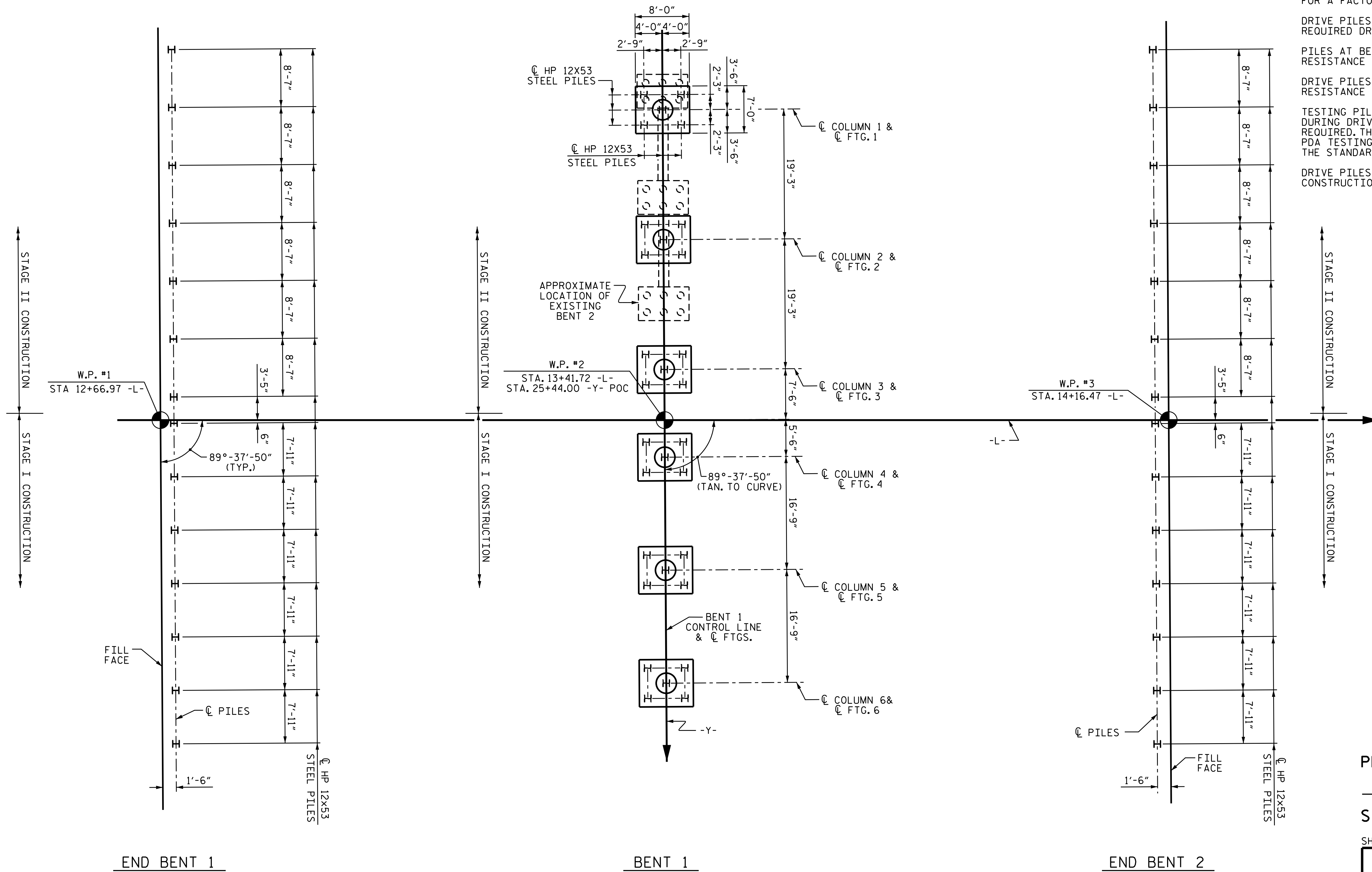
DRIVE PILES AT END BENT 1 AND END BENT 2 TO A REQUIRED DRIVING RESISTANCE OF 200 TONS PER PILE.

PILES AT BENT 1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 115 TONS PER PILE.

DRIVE PILES AT BENT 1 TO A REQUIRED DRIVING RESISTANCE OF 190 TONS PER PILE.

TESTING PILES WITH A PILE DRIVING ANALYZER (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 BENT 1 AND 2 PRIOR TO CONSTRUCTION OF THE MSE RETAINING WALLS.

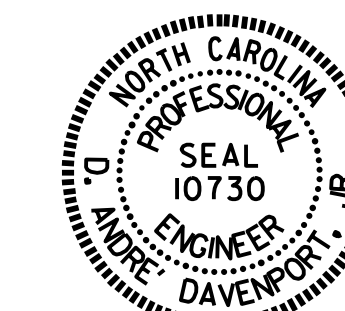


FOUNDATION LAYOUT

DIMENSIONS LOCATING PILES ARE SHOWN TO THE CENTERLINE OF PILES. ALL FOOTINGS AND PILE SPACINGS ARE IDENTICAL AT BENT 1.

PROJECT NO. B-3159
DAVIDSON COUNTY
 STATION: 13+41.72 -L-

SHEET 2 OF 3



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 FOR BRIDGE OVER
 US 29-64-70 / I-85 BUS. LOOP
 ON NC 8 / US 52 BETWEEN
 SR 1844 AND SR 1408

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS
2			4			43

DRAWN BY : K.D. LAYNE DATE : 5-28-15
 CHECKED BY : J.D. HAWK DATE : 6-8-15
 DESIGN ENGINEER OF RECORD: R.L. CHESSON DATE : 6/10/15