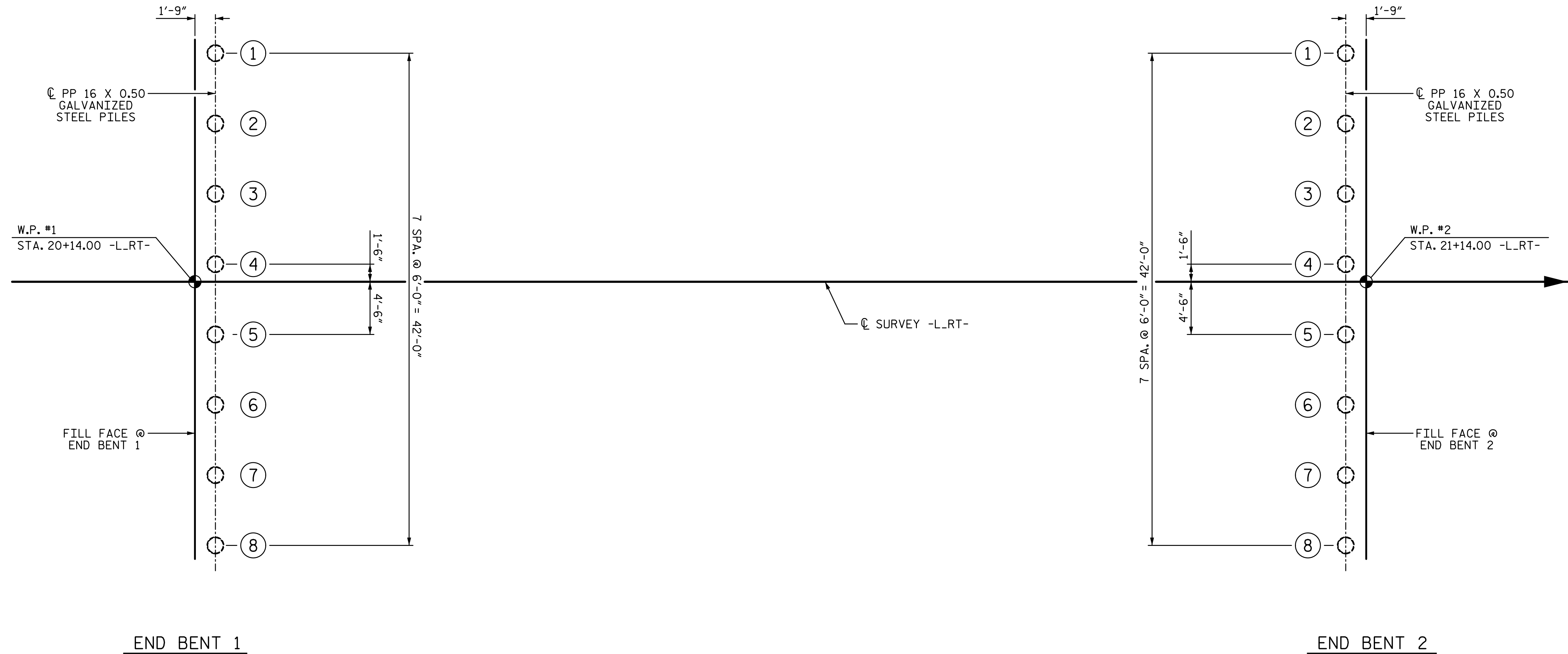


9/14/2022 8:05:52 AM P:\Raleigh\Projects\2018\Division 3 (SEA)\B-5652 (Onslow 33 US17 NBL over Wolf Swamp)\Structures\Drawings\Final\401_B5652_SMU_FL_660033.dgn



FOUNDATION LAYOUT

(ALL PILES ARE PP 16 X 0.50 GALVANIZED STEEL PILES)
(DIMENSIONS LOCATING PILES ARE SHOWN TO THE CENTERLINE OF PILES)

FOUNDATION NOTES:

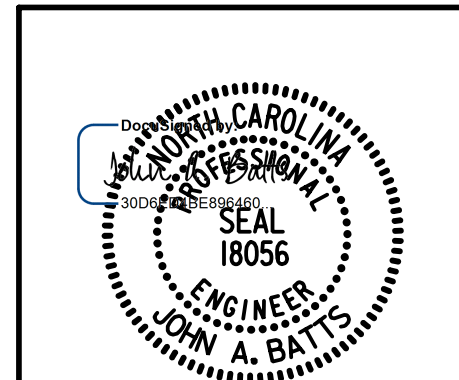
- FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
- PILES AT END BENT 1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 110 TONS PER PILE.
- DRIVE PILES AT END BENT 1 TO A REQUIRED DRIVING RESISTANCE OF 185 TONS PER PILE.
- PIPE PILE PLATES ARE REQUIRED FOR STEEL PIPE PILES AT END BENT 1. USE PIPE PILE PLATES WITH A DIAMETER EQUAL TO THE PIPE PILE DIAMETER. FOR STEEL PIPE PILE PLATES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
- PILES AT END BENT 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 110 TONS PER PILE.
- DRIVE PILES AT END BENT 2 TO A REQUIRED DRIVING RESISTANCE OF 185 TONS PER PILE.
- PIPE PILE PLATES ARE REQUIRED FOR STEEL PIPE PILES AT END BENT 2. USE PIPE PILE PLATES WITH A DIAMETER EQUAL TO THE PIPE PILE DIAMETER. FOR STEEL PIPE PILE PLATES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
- 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.

PROJECT NO. B-5652
ONLOW COUNTY
 STATION: 20+64.00 -L-RT-

SHEET 2 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 FOR BRIDGE ON US 17 NB
 OVER WOLF SWAMP
 BETWEEN SR 1407 AND SR 1327



DRAWN BY: S.D. COOPER	DATE: 5-22
CHECKED BY: J.A. BATTS	DATE: 5-22
DESIGN ENGINEER OF RECORD: J.A. BATTS	DATE: 5-22

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-3
1			3			TOTAL SHEETS
2			4			26

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**