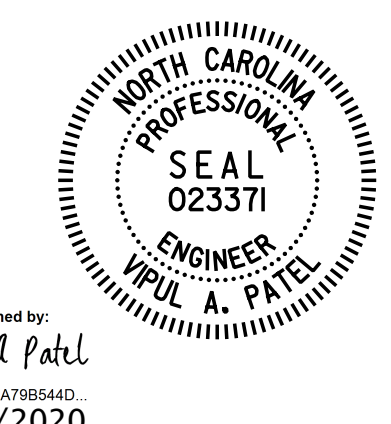


**NOTES:**  
 FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.  
 PILES AT END BENT NO. 1, BENT NO. 1, AND END BENT NO. 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 105 TONS PER PILE.  
 DRIVE PILES THROUGH CANS AFTER CONSTRUCTING THE MECHANICALLY STABILIZED EARTH (MSE) ABUTMENT WALL TO WITHIN 1 FT. OF THE BOTTOM OF CAP ELEVATION AT END BENT NO. 1 AND END BENT NO. 2.  
 DRIVE PILES AT END BENT NO. 1, BENT NO. 1, AND END BENT NO. 2 TO A REQUIRED DRIVING RESISTANCE OF 140 TONS PER PILE.  
 TESTING THE FIRST PRODUCTION PILE WITH THE PDA DURING DRIVING, RESTRIKING OR REDRIVING IS REQUIRED AT BENT NO. 1 AND THE FIRST END BENT THE CONTRACTOR ELECTS TO DRIVE AT. FOR PDA TESTING, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

**FOUNDATION LAYOUT**  
 DIMENSIONS LOCATING PILES ARE SHOWN TO THE PILE CENTERLINE.  
 ALL PILES ARE VERTICAL.

PROJECT NO. I-5986B  
JOHNSTON COUNTY  
 STATION: 28+39.21 -Y29-  
1294+89.16 -L-  
 SHEET 2 OF 3



DocuSigned by:  
 Vipul A. Patel  
 4/13/2020

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**GENERAL DRAWING**

FOR BRIDGE ON SR 1204  
 (SOUTH MARKET STREET)  
 OVER I-95 BETWEEN  
 SR 1100 AND SR 1102

DRAWN BY : C. E. MAYHEW DATE : 11-21-19  
 CHECKED BY : V. A. PATEL DATE : 1-27-20

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-2
1			3			TOTAL SHEETS
2			4			28

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