

FOUNDATION LAYOUT

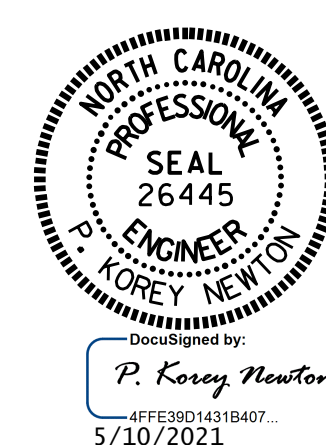
DIMENSIONS LOCATING PILES ARE SHOWN TO THE CENTERLINE OF PILES.

NOTES

- FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
- PILES AT END BENTS 1 & 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 100 TONS PER PILE.
- DRIVE PILES AT END BENTS 1 & 2 TO A REQUIRED DRIVING RESISTANCE OF 170 TONS PER PILE.
- INSTALL PILES AT END BENTS 1 & 2 TO A TIP ELEVATION NO HIGHER THAN 5.0 FT.
- STEEL H-PILE POINTS ARE REQUIRED FOR STEEL H-PILES AT END BENTS 1 & 2. FOR STEEL PILE POINTS, 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.
- INSTALL PZ27 & PZ90 GALVANIZED STEEL SHEET PILES AT END BENTS 1 & 2 TO A TIP ELEVATION NO HIGHER THAN 10.0 FT.

PROJECT NO. B-5642
BRUNSWICK COUNTY
 STATION: 18+30.00 -L-

SHEET 2 OF 3



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 FOR BRIDGE OVER
 BATORA BRANCH
 ON NC 87 BETWEEN
 SR 1736 & SR 1752

DRAWN BY : M.K. BEARD DATE : 04/2020
 CHECKED BY : D. SHACKELFORD DATE : 04/2020
 DESIGN ENGINEER OF RECORD: W. SMITH DATE : 4/22/21

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2
1			3			TOTAL SHEETS
2			4			14