



FOUNDATION LAYOUT PLAN

ALL PILES ARE VERTICAL
ALL BENT 1 FOOTINGS ARE IDENTICAL
DIMENSIONS LOCATING PILES ARE TO CL PILE

FOUNDATION NOTES

OBSERVE A 2 MONTH WAITING PERIOD AFTER CONSTRUCTING THE EMBANKMENT TO WITHIN 2 FT OF FINISHED GRADE BEFORE BEGINNING END BENT CONSTRUCTION AT END BENT 1 AND END BENT 2. FOR BRIDGE WAITING PERIODS, SEE ROADWAY PLANS AND SECTION 235 OF THE STANDARD SPECIFICATIONS.

FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

PILES AT END BENT 1 AND END BENT 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 120 TONS PER PILE.

PILES AT BENT 1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 120 TONS PER PILE.

DRIVE PILES AT END BENT 1 AND END BENT 2 TO A REQUIRED DRIVING RESISTANCE OF 160 TONS PER PILE.

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TESTING THE FIRST PRODUCTION PILE WITH THE PDA DURING DRIVING, RESTRIKING OR REDRIVING IS REQUIRED AT END BENT 1 OR END BENT 2 AND AT BENT 1. FOR PDA TESTING, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

PROJECT NO. R-256ICA
COLUMBUS COUNTY
 STATION: 34+01.72 -Y-

SHEET 2 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 FOR BRIDGE ON NC 11
 OVER NC 87 BETWEEN
 SR 1740 AND SR 1539

DocuSigned by:

 DB3C8E45B06D498
 NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 14114
 ROBERT C. LARSON
 8/15/2022

DESIGN ENGINEER OF RECORD: DATE: 8/15/2022
 DRAWN BY: R. C. LARSON DATE: 04/19/20
 CHECKED BY: R. F. DECOLA DATE: 05/08/20

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

ENGINEERS & PLANNERS & SCIENTISTS & CONSTRUCTION MANAGERS LICENSE NUMBER: C-0764
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 of North Carolina, P.A.
 4505 Falls of Neuse Road, Suite 400 Raleigh, NC 27609-6370 Phone: (919) 785-9241

REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

S1-2
TOTAL SHEETS: 28