

FOUNDATION LAYOUT

DIMENSIONS LOCATING PILES ARE SHOWN TO THE CENTERLINE OF PILES

NOTES

FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

FILL HOLES FOR PILE EXCAVATIONS AT END BENT NO. 1 AND END BENT NO. 2 WITH CONCRETE.

IF WEATHERED ROCK IS ENCOUNTERED AFTER PILE EXCAVATION, DRIVE PILES TO THE REQUIRED DRIVING RESISTANCE BEFORE BACKFILLING HOLES WITH CONCRETE.

IT HAS BEEN ESTIMATED THAT A HAMMER WITH AN EQUIVALENT RATED ENERGY IN THE RANGE OF 20,000 TO 35,000 FT-LBS PER BLOW WILL BE REQUIRED TO DRIVE PILES AT END BENT NO. 1 AND END BENT NO. 2. THIS ESTIMATED ENERGY RANGE DOES NOT RELEASE THE CONTRACTOR FROM PROVIDING DRIVING EQUIPMENT IN ACCORDANCE WITH SUBARTICLE 450-3(D)(2) OF THE STANDARD SPECIFICATIONS.

FOR DRILLED PIERS, SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.

INSTALL PERMANENT STEEL CASINGS AT BENT NO. 1 BY VIBRATING, SCREWING OR DRIVING PERMANENT CASINGS BEFORE EXCAVATING OR DISTRIBUTING ANY MATERIAL BELOW ELEVATION 1,439 FT.

INSTALL PERMANENT STEEL CASINGS AT BENT NO. 2 BY VIBRATING, SCREWING OR DRIVING PERMANENT CASINGS BEFORE EXCAVATING OR DISTRIBUTING ANY MATERIAL BELOW ELEVATION 1,432.5 FT.

PROJECT NO. **BP14-R038**

POLK COUNTY

STATION: **13+52.50 -L1-**

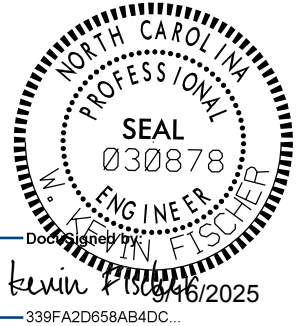
SHEET 2 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

FOUNDATION LAYOUT

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-2
2			4			TOTAL SHEETS 32

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED



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DRAWN BY : C.P. MALAGON	DATE : 08/2025
CHECKED BY : E.C. PHELPS	DATE : 08/2025
DESIGN ENGINEER OF RECORD: W.K. FISCHER	DATE : 09/2025