



FOUNDATION LAYOUT

DIMENSIONS LOCATIONS PILES AND DRILLED PIER ARE TO CENTERLINES OF PILES AND DRILLED PIERS

FOUNDATION NOTES

- FOR DRILLED PIERS, SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.
- FOR PILES, SEE PILES SPECIAL PROVISION AND SECTION 450 OF THE STANDARD SPECIFICATIONS.
- IT HAS BEEN ESTIMATED THAT A HAMMER WITH AN EQUIVALENT RATED ENERGY IN THE RANGE OF 30,000-50,000 FT-LBS PER BLOW WILL BE REQUIRED TO DRIVE PILES AT END BENT NO. 1 AND 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.
- PILES P-1 THROUGH P-4 AT END BENT NO. 1 SHOULD INCLUDE PILE EXCAVATION WITH A MINIMUM PENETRATION INTO CRYSTALLINE ROCK EQUAL TO 2 FEET.

PROJECT NO. BR-0041
ROCKINGHAM COUNTY
 STATION: POT 34+73.00 -L-

SHEET 2 OF 4

DRAWN BY :	B.T. LEROY	DATE :	11/2022
CHECKED BY :	S. NATARAJAN	DATE :	11/2022
DESIGN ENGINEER OF RECORD:	G. COLS	DATE :	12/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 FOR BRIDGE ON SR 2817
 (BARNES ST) OVER US 29
 BETWEEN WATLINGTON
 INDUSTRIAL DR AND SR 3103

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			48
2			4			48