



FOUNDATION NOTES:

FOR DRILLED PIERS, SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.
POLYMER SLURRY CONSTRUCTION IS REQUIRED FOR THE CONSTRUCTION OF BENT NO. 1.
FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
FILL HOLES FOR PILE EXCAVATION AT END BENT NO. 1 AND END BENT NO. 2 WITH CONCRETE.
BEFORE FILLING HOLES FOR PILE EXCAVATION AT END BENT NO. 1 AND END BENT NO. 2, DRIVE PILES TO THE REQUIRED DRIVING RESISTANCE.
PILE EXCAVATIONS ARE RECOMMENDED AT END BENT NO. 1 AND END BENT NO. 2 TO MINIMUM DEPTHS OF 10 FT. TO REDUCE EARTH-BORNE VIBRATIONS ON ADJACENT STRUCTURES. REFER TO SPECIAL PROVISIONS FOR INSPECTION AND MONITORING REQUIREMENTS.
ONE BORING WAS PERFORMED AT THE INTERIOR BENT AND WEATHERED ROCK WAS ENCOUNTERED AT ELEV. 926.2 FT. THIS ELEVATION IS ASSUMED FOR ALL THREE PIERS. IN ORDER TO SATISFY THE 8 FT ROCK SOCKET REQUIREMENT, THE TIP ELEVATIONS MAY NEED TO BE EXTENDED AT SOME OR ALL PIER LOCATIONS.

FOUNDATION LAYOUT
(DIMENSIONS SHOWN ARE TO THE C OF THE PILES OR DRILLED PIERS)

PROJECT NO. DF18314.2075090
POLK COUNTY
STATION: 12+15.00 -L-

SHEET 2 OF 4

DRAWN BY : J. SCACCA DATE : 02/2025
CHECKED BY : T. R. LAWS DATE : 02/2025
DESIGN ENGINEER OF RECORD: T. R. LAWS DATE : 10/2025

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

10/7/2025
RS&H
RS&H Architects-Engineers-Planners, Inc.
8521 Six Forks Road, Suite 400
Raleigh, NC 27615
919-926-4100 FAX 919-846-9080
www.rsandh.com
North Carolina License Nos. 50073-F-4493-C-28

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2	
1			3			TOTAL SHEETS	
2			4			24	