

FOUNDATION LAYOUT

DIMENSIONS LOCATING PILES ARE SHOWN TO THE CENTERLINE OF PILES.

NOTES

PILES AT END BENT 1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 81 TONS PER PILE.

DRIVE PILES AT END BENT 1 TO A REQUIRED DRIVING RESISTANCE OF 135 TONS PER PILE.

DRILLED-IN PILES ARE REQUIRED FOR END BENT 1. EXCAVATE HOLES AT PILE LOCATIONS TO ELEVATION 472.00. FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

STEEL H-PILE PILE POINTS ARE REQUIRED FOR STEEL H-PILES AT END BENT 1. FOR STEEL H-PILE POINTS, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

PILES AT END BENT 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 81 TONS PER PILE.

DRIVE PILES AT END BENT 2 TO A REQUIRED DRIVING RESISTANCE OF 135 TONS PER PILE.

DRILLED-IN PILES ARE REQUIRED FOR END BENT 2. EXCAVATE HOLES AT PILE LOCATIONS TO ELEVATION 472.00. FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

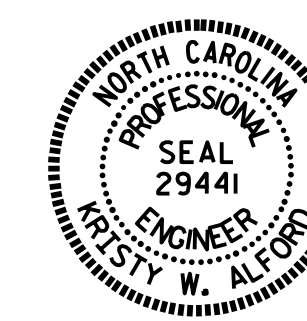
STEEL H-PILE PILE POINTS ARE REQUIRED FOR STEEL H-PILES AT END BENT 2. FOR STEEL H-PILE POINTS, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

FOR PILES, SEE GEOTECHNICAL SPECIAL PROVISIONS AND SECTION 450 OF THE STANDARD SPECIFICATIONS.

CONCRETE IS REQUIRED TO FILL HOLES FOR PILE EXCAVATION AT END BENT 1 AND END BENT 2.

PROJECT NO. B-5343
ROCKINGHAM COUNTY
 STATION: 16+60.00 -L-

SHEET 2 OF 3



DocuSigned by:
 Alex W. Alford
 9/21/2016

STATE OF NORTH CAROLINA						SHEET NO.
DEPARTMENT OF TRANSPORTATION						S-2
RALEIGH						TOTAL SHEETS
GENERAL DRAWING						18
BRIDGE OVER CASCADE CREEK ON NC 770 (BERRY HILL ROAD) BETWEEN SR 1743 & SR 1745						
REVISIONS						
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DRAWN BY : H. B. DESAI DATE : 10/8/15
 CHECKED BY : E. I. OMILE DATE : 10/30/15

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED