



NOTES

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

PILES AT END BENTS 1 AND 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 115 TONS PER PILE.

DRIVE PILES AT END BENTS 1 AND 2 TO A REQUIRED DRIVING RESISTANCE OF 195 TONS PER PILE.

DRILLED-IN PILES ARE REQUIRED TO INSTALL PILES FOR END BENT 1. EXCAVATE HOLES AT PILE LOCATIONS TO ELEVATION 661.0 FT. FOR PILE EXCAVATION, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

DRILLED-IN PILES ARE REQUIRED TO INSTALL PILES FOR END BENT 2. EXCAVATE HOLES AT PILE LOCATIONS TO ELEVATION 661.5 FT. FOR PILE EXCAVATION, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

CONCRETE OR GROUT IS REQUIRED TO FILL HOLES FOR PILE EXCAVATION AT END BENTS 1 AND 2.

FOUNDATION LAYOUT

DIMENSIONS LOCATING PILES ARE SHOWN TO THE CENTERLINE OF PILES.

PROJECT NO. B-5344
GUILFORD COUNTY
 STATION: 17+21.00 -L-

SHEET 2 OF 3



DocuSigned by:
 Ting Fang 3/22/2016
 E7208840997435

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 FOR BRIDGE OVER
 SOUTH BUFFALO CREEK
 ON SR 2821 BETWEEN
 SR 2770 & SR 2819

DRAWN BY : H. B. DESAI DATE : 5-22-15
 CHECKED BY : D. J. POZOS DATE : 8-03-15

REVISIONS						SHEET NO. S-2
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 16
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED