

**FOUNDATION LAYOUT**  
DIMENSIONS LOCATING PILES ARE TO THE PILE C

**NOTES**

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

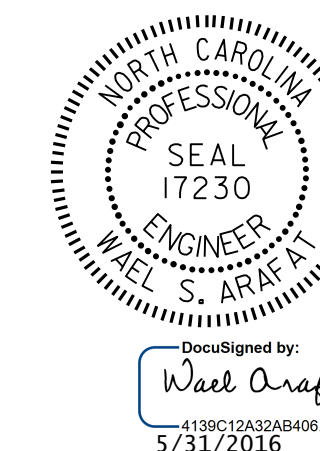
PILES AT END BENT NO.1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 105 TONS PER PILE. DRIVE PILES TO A REQUIRED DRIVING RESISTANCE OF 175 TONS PER PILE.

PILES AT END BENT NO.2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 105 TONS PER PILE. DRIVE PILES TO A REQUIRED DRIVING RESISTANCE OF 175 TONS PER PILE.

OBSERVE A 1 MONTH WAITING PERIOD AFTER CONSTRUCTING THE EMBANKMENT TO THE BOTTOM OF CAP ELEVATION BEFORE BEGINNING END BENT CONSTRUCTION AT END BENT NO.1 AND 2.

PROJECT NO. R-4060  
ALLEGHANY COUNTY  
STATION: 36+45.00 -L-

SHEET 2 OF 4



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**GENERAL DRAWING**  
BRIDGE OVER UT TO  
BLEDSOE CREEK ON  
SPARTA BYPASS BETWEEN  
SR 1172 AND US 21

DRAWN BY : H.T. BARBOUR DATE : 12-04-15  
CHECKED BY : V.X. NGUYEN DATE : 3-21-16  
DESIGN ENGINEER OF RECORD: S.T. CHAMPION DATE : 4-6-16

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S-2
2			4			26