



### FOUNDATION LAYOUT

DIMENSIONS LOCATING PILES ARE SHOWN TO THE CENTERLINE OF PILES.

#### NOTES

- FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
- PILES AT END BENTS 1 AND 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 85 TONS PER PILE.
- DRIVE PILES AT END BENT 1 TO A REQUIRED DRIVING RESISTANCE OF 145 TONS PER PILE.
- STEEL H-PILE POINTS ARE REQUIRED FOR STEEL H-PILES AT END BENT 1. FOR STEEL PILE POINTS, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
- PILE EXCAVATION IS REQUIRED TO INSTALL PILES AT END BENT 2. EXCAVATE HOLES AT PILE LOCATIONS TO ELEVATION 508.5 FT. FOR PILE EXCAVATION, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
- CONCRETE IS REQUIRED TO FILL HOLES FOR PILE EXCAVATION AT END BENT 2.
- DO NOT DRIVE PILES AT END BENT 2 AFTER PLACING PILES IN EXCAVATED HOLES.



DocuSigned by:  
T. H. Fang  
9/15/2015  
E7208840977435

PROJECT NO. B-5342  
ALAMANCE COUNTY  
STATION: 14+38.00 -L-

SHEET 2 OF 3

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

### GENERAL DRAWING

BRIDGE OVER GUM CREEK  
ON SR 1148 BETWEEN  
SR 1204 & SR 1154

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2	
1			3			TOTAL SHEETS	
2			4			18	

DRAWN BY : Z. O'KEEFE DATE : 8/2014  
CHECKED BY : T. H. FANG DATE : 5/26/15  
DESIGN ENGINEER OF RECORD: T. L. AVERETTE DATE : 7/15/15