

**FOUNDATION LAYOUT PLAN**

ALL PILES ARE VERTICAL 12" PRESTRESSED CONCRETE PILES

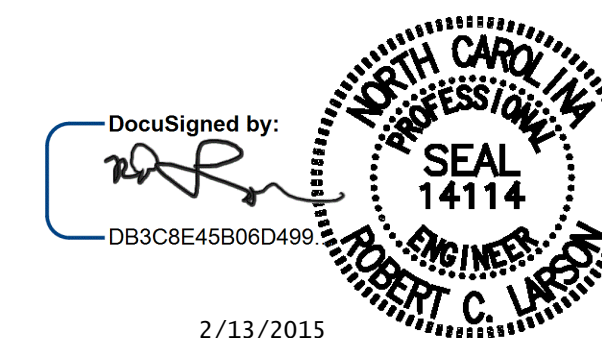
**FOUNDATION NOTES**

FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.  
 PILES AT END BENT 1 AND END BENT 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 112 TONS PER PILE.  
 DRIVE PILES AT END BENT 1 AND END BENT 2 TO A REQUIRED DRIVING RESISTANCE OF 150 TONS PER PILE.  
 TESTING THE FIRST PRODUCTION PILE WITH THE PDA DURING DRIVING, RESTRIKING OR REDRIVING IS REQUIRED AT END BENT 1 OR END BENT 2. FOR PDA TESTING, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

PROJECT NO. R-2514D  
JONES COUNTY  
 STATION: 320+39.56 -L-

SHEET 2 OF 4

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 GENERAL DRAWING  
 FOR BRIDGE ON US 17 BYPASS  
 OVER NC 58 BETWEEN  
 SR 1112 AND SR 1337  
 LEFT LANE



DocuSigned by:  
 DB3C8E45B06D499...

DESIGN ENGINEER OF RECORD:	DATE :	2/13/2015
DRAWN BY :	DATE :	6/28/13
CHECKED BY :	DATE :	4/30/14

KCI Associates of North Carolina, P.A. STATE GEO. LANDMARK CENTER 1400 SIX FORKS RD. RALEIGH, N.C. 27609-0300 (919) 783-2044		REVISIONS		SHEET NO. SOI-2	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
DWG. REF. NO. 2 OF 24				TOTAL SHEETS SOI-24	

STR-#1