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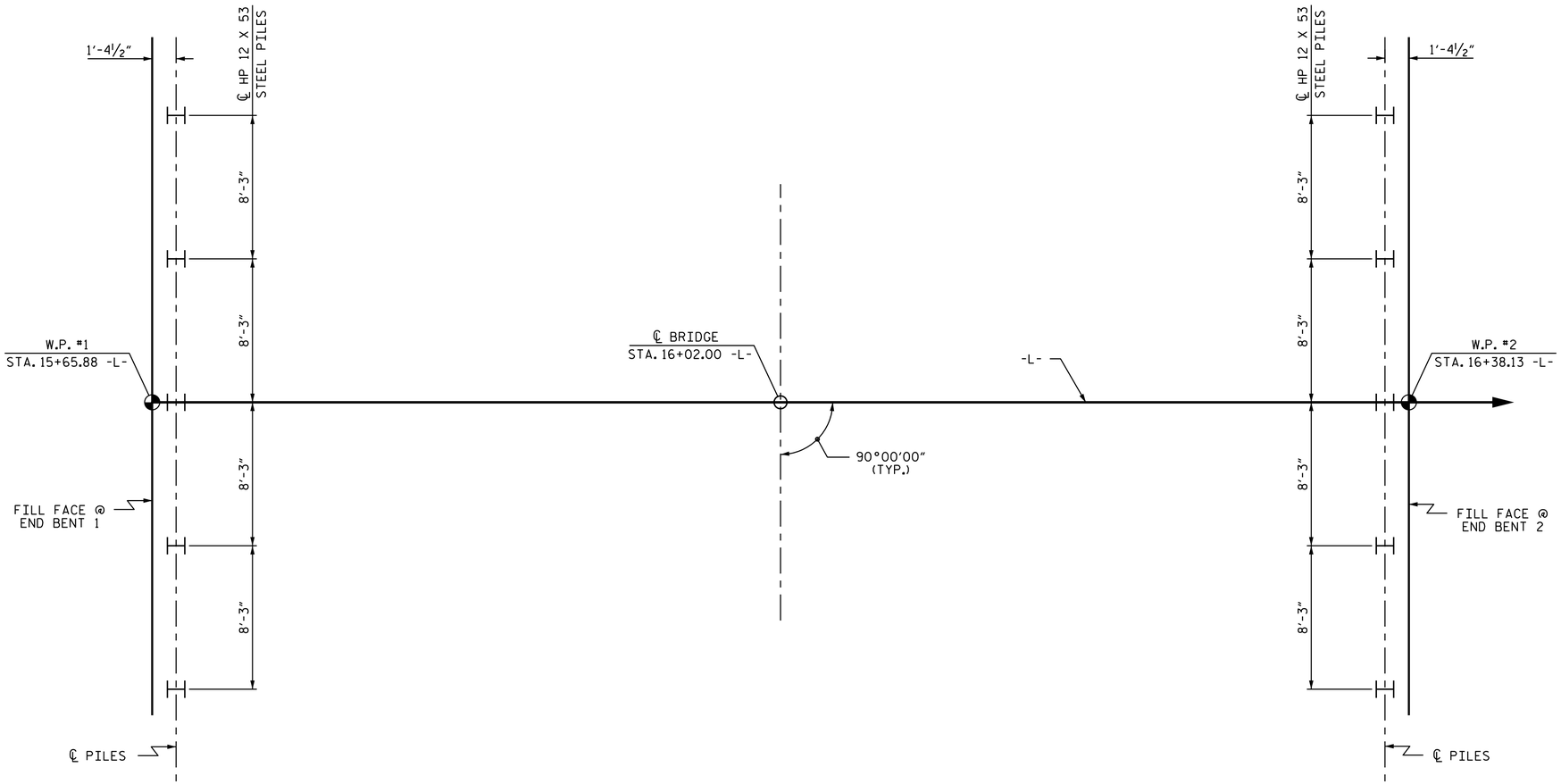

END BENT 1

END BENT 2

FOUNDATION LAYOUT

DIMENSIONS LOCATION PILES ARE SHOWN TO THE CENTERLINE OF PILES.

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 100 TONS PER PILE.

PILE EXCAVATION IS REQUIRED TO INSTALL PILES AT END BENT 1 AND END BENT 2. EXCAVATE HOLES AT PILE LOCATIONS TO ELEVATION 532 FT. FOR PILE EXCAVATION FOR END BENT 1 AND 533.6 FT. FOR END BENT 2. FOR PILE EXCAVATION, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

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

PILE DRIVING MAY BE REQUIRED AT END BENT 1. IF REQUIRED, DRIVE PILES TO A REQUIRED DRIVING RESISTANCE OF 170 TONS PER PILE. THE ENGINEER WILL DETERMINE THE NEED FOR PILE DRIVING.

DO NOT DRIVE PILES AT END BENT 2 AFTER PLACING PILES IN EXCAVATED HOLES.

PROJECT NO. B-4953

ALAMANCE COUNTY

STATION: 16+02.00 -L-

SHEET 2 OF 3

NORTH CAROLINA PROFESSIONAL SEAL 14855 ENGINEER DOUGLAS R. CALHOUN

DocuSigned by: Douglas R. Calhoun 11/21/2014

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

BRIDGE OVER QUAKER CREEK ON SR 1912 (DICKEY MILL RD.) BETWEEN SR 1910 AND SR 1915

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

DRAWN BY : Z. O'KEEFE DATE : 8/2014
CHECKED BY : D. R. CALHOUN DATE : 9/2014

19-NOV-2014 14:18
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