DocuSign Envelope ID: 265CCDF1-B5FF-4EEE-ADEF-CF1A8E2DA2AF

NOTES:

PILE DIMENSIONS ARE SHOWN TO THE CENTERLINE OF THE PILES.

FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

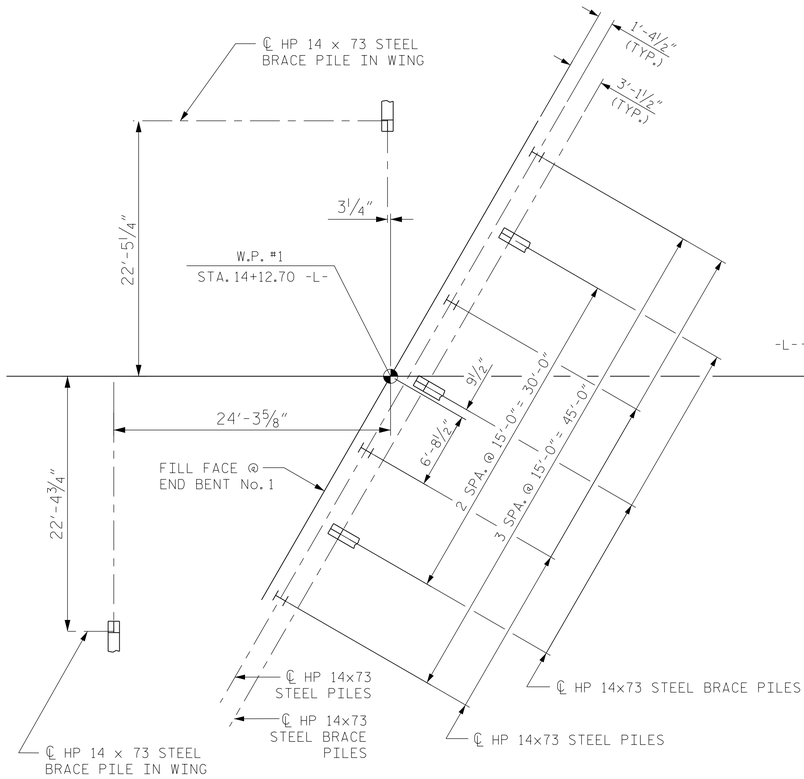
PILES AT END BENT No. 1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 160 TONS PER PILE.

PILES AT END BENT No. 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 130 TONS PER PILE.

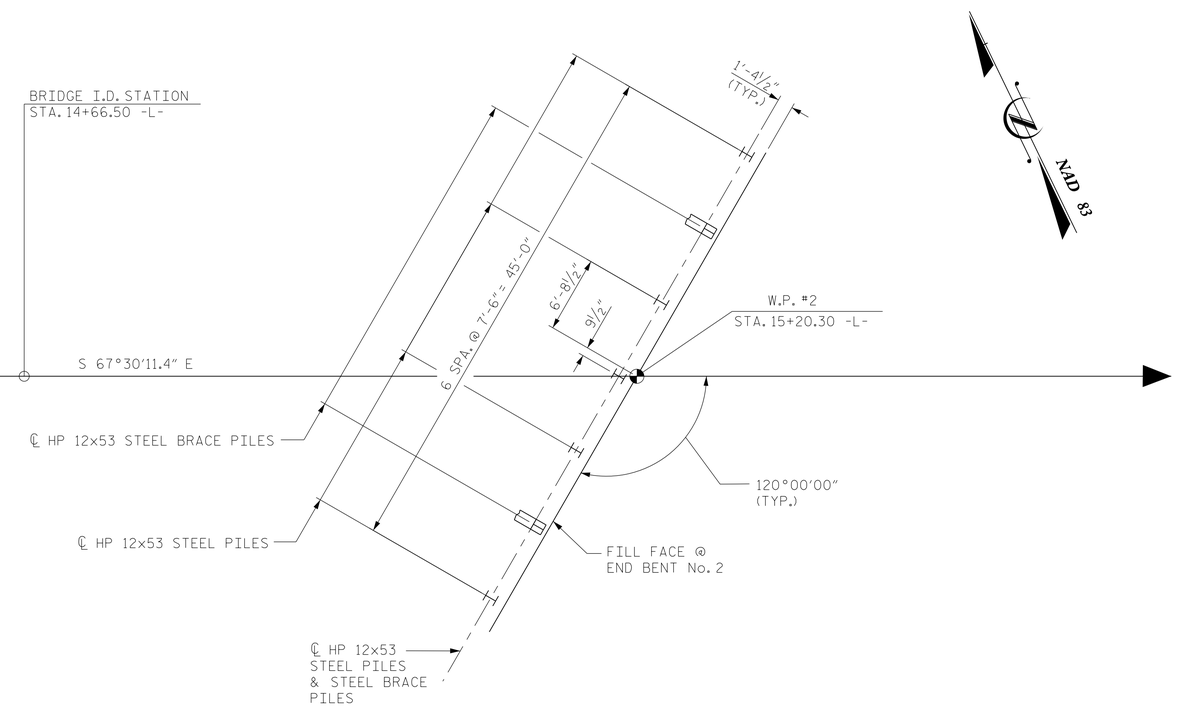
DRIVE PILES AT END BENT No. 1 TO A REQUIRED DRIVING RESISTANCE OF 270 TONS PER PILE.

DRIVE PILES AT END BENT No. 2 TO A REQUIRED DRIVING RESISTANCE OF 220 TONS PER PILE.

TESTING PILES WITH THE PDA DURING DRIVING, RESTRIKING OR REDRIVING MAY BE REQUIRED. THE ENGINEER WILL DETERMINE THE NEED FOR PDA TESTING. FOR PDA TESTING, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.



END BENT No. 1



END BENT No. 2

PROJECT NO. 15005.1032011

DURHAM **COUNTY**

STATION: 14+66.50 -L-

SHEET 2 OF 3

FOUNDATION LAYOUT

Dewberry
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

NORTH CAROLINA PROFESSIONAL SEAL 042076 ENGINEER JENNIFER R. McROY
DocuSigned by: Jennifer R. McRoy
3/14/2018

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE ON SR 1637
OVER FALLS LAKE
BETWEEN SR 1670 & SR 1800

REVISIONS						SHEET No.
No.	BY:	DATE:	No.	BY:	DATE:	S02
1			3			TOTAL SHEETS
2			4			21

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DRAWN BY :	JRM	DATE :	02/18
CHECKED BY :	LMP	DATE :	02/18

3/8/2018 1:41:06 PM
S:\02_REDWOOD RD_FOUNDLAY.dgn
USER: mgreen