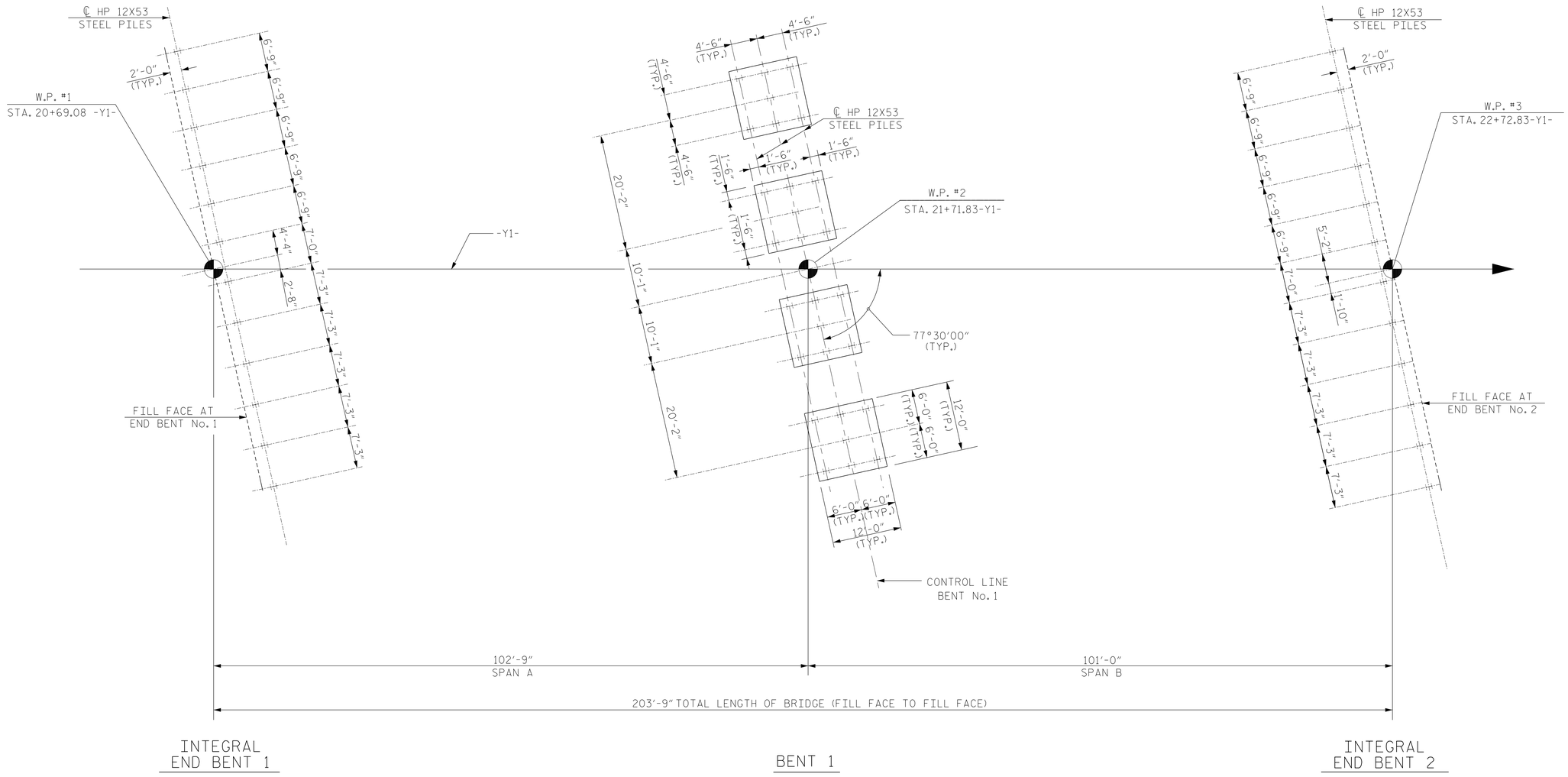

FOUNDATION LAYOUT

NOTES

1. FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS
2. PILES AT END BENT NO. 1, BENT NO. 1 AND END BENT NO. 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 115 TONS PER PILE.
3. DRIVE PILES AT END BENT NO. 1, BENT NO.1 AND END BENT NO. 2 TO A REQUIRED DRIVING RESISTANCE OF 195 TONS PER PILE.
4. STEEL H-PILE POINTS ARE REQUIRED FOR STEEL H-PILES AT BENT NO. 1 AND END BENT NO. 2. FOR STEEL PILE POINTS, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
5. PILE EXCAVATION IS REQUIRED TO INSTALL PILES AT BENT NO. 1 (RIGHT). EXCAVATE HOLES AT PILE LOCATIONS TO ELEVATION 411 FT. FOR PILE EXCAVATION, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
6. CONCRETE OR GROUT IS REQUIRED TO FILL HOLES FOR PILE EXCAVATION AT BENT NO. 1 (RIGHT).

PROJECT NO. I-0914BA
VANCE COUNTY
STATION: 22+06.96 -Y1- POT
SHEET 2 OF 4

NORTH CAROLINA PROFESSIONAL SEAL 11725 ENGINEER DAVID R. RUGGLES

DocuSigned by: David Ruggles C462768DF412422... 11/17/2014

DWG. 2 OF 48

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

FOUNDATION LAYOUT

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2
1			3			TOTAL SHEETS
2			4			177

DRAWN BY: H.ASSFOURA DATE : 08/14
CHECKED BY: D. RUGGLES DATE : 09/14
DESIGN ENGINEER OF RECORD: D. RUGGLES DATE : 09/14