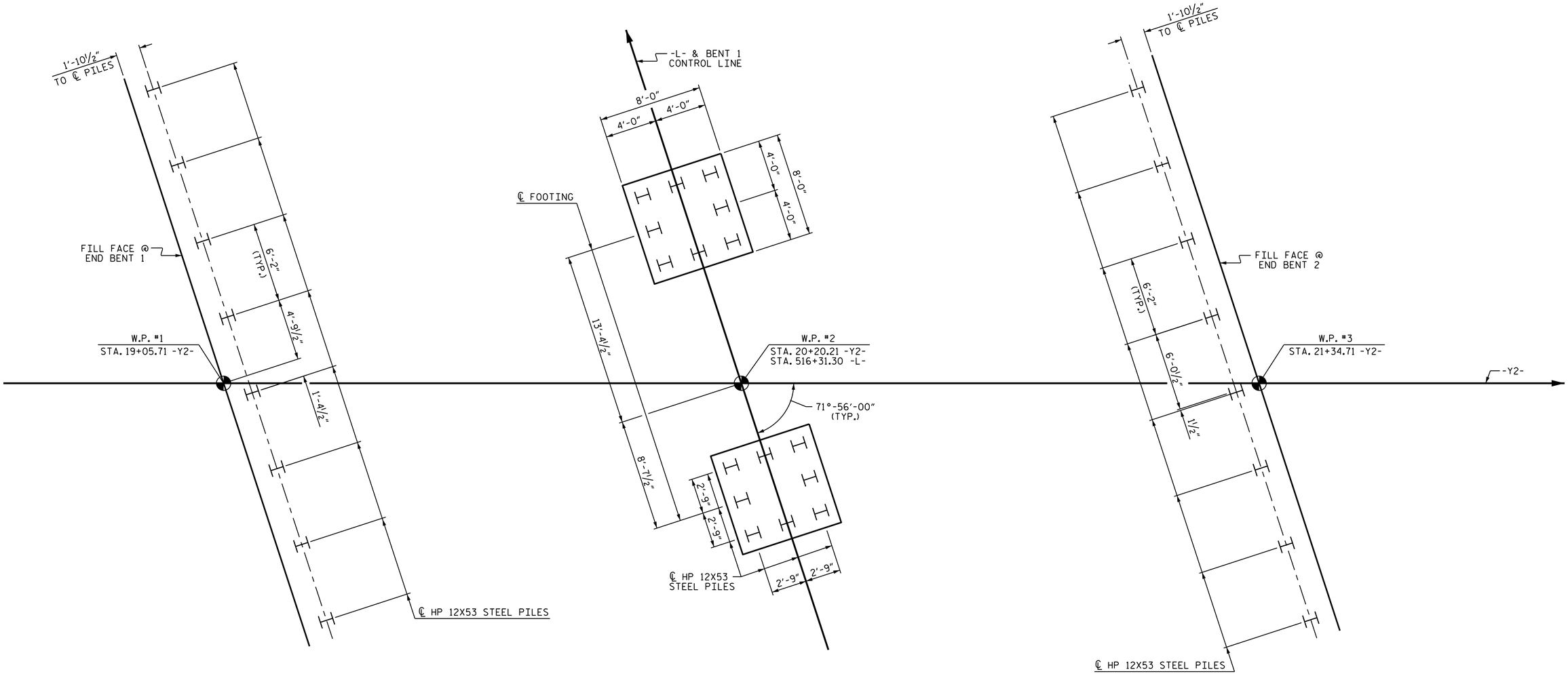

INTEGRAL END BENT 1

BENT 1

INTEGRAL END BENT 2

FOUNDATION LAYOUT

DIMENSIONS FOR PILE LAYOUT ARE TYPICAL FOR EACH FOOTING.

PROJECT NO. U-2579B

FORSYTH COUNTY

STATION: 516+31.30 -L-

SHEET 2 OF 3

NOTES

FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

PILES AT END BENT 1, BENT 1 & END BENT 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 120 TONS PER PILE.

DRIVE PILES AT END BENT 1, BENT 1 & END BENT 2 TO A REQUIRED DRIVING RESISTANCE OF 200 TONS PER PILE.

STEEL H-PILE POINTS ARE REQUIRED FOR STEEL H-PILES AT END BENT 1, BENT 1 & END BENT 2. FOR STEEL PILE POINTS, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

NORTH CAROLINA PROFESSIONAL SEAL 031480 ENGINEER DONALD R. SMITH JR.

DocuSigned by: Donald R. Smith Jr.
43B435A14F38465...
7/30/2014

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR BRIDGE OVER FUTURE I-74 (WINSTON-SALEM NORTHERN BELTWAY) ON SR 2385 BETWEEN SR 2407 AND SR 2550

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-37
1			3			TOTAL SHEETS
2			4			707

STR. #2

DRAWN BY :	P.S. ADKINS	DATE :	4/3/14
CHECKED BY :	J.D. HAWK	DATE :	4/9/14
DESIGN ENGINEER OF RECORD :	B.R. GRADY	DATE :	6/5/14

29-JUL-2014 14:58
R:\Structures\Plans\Str02\U2579B_SD_GD_02.dgn
lsutton