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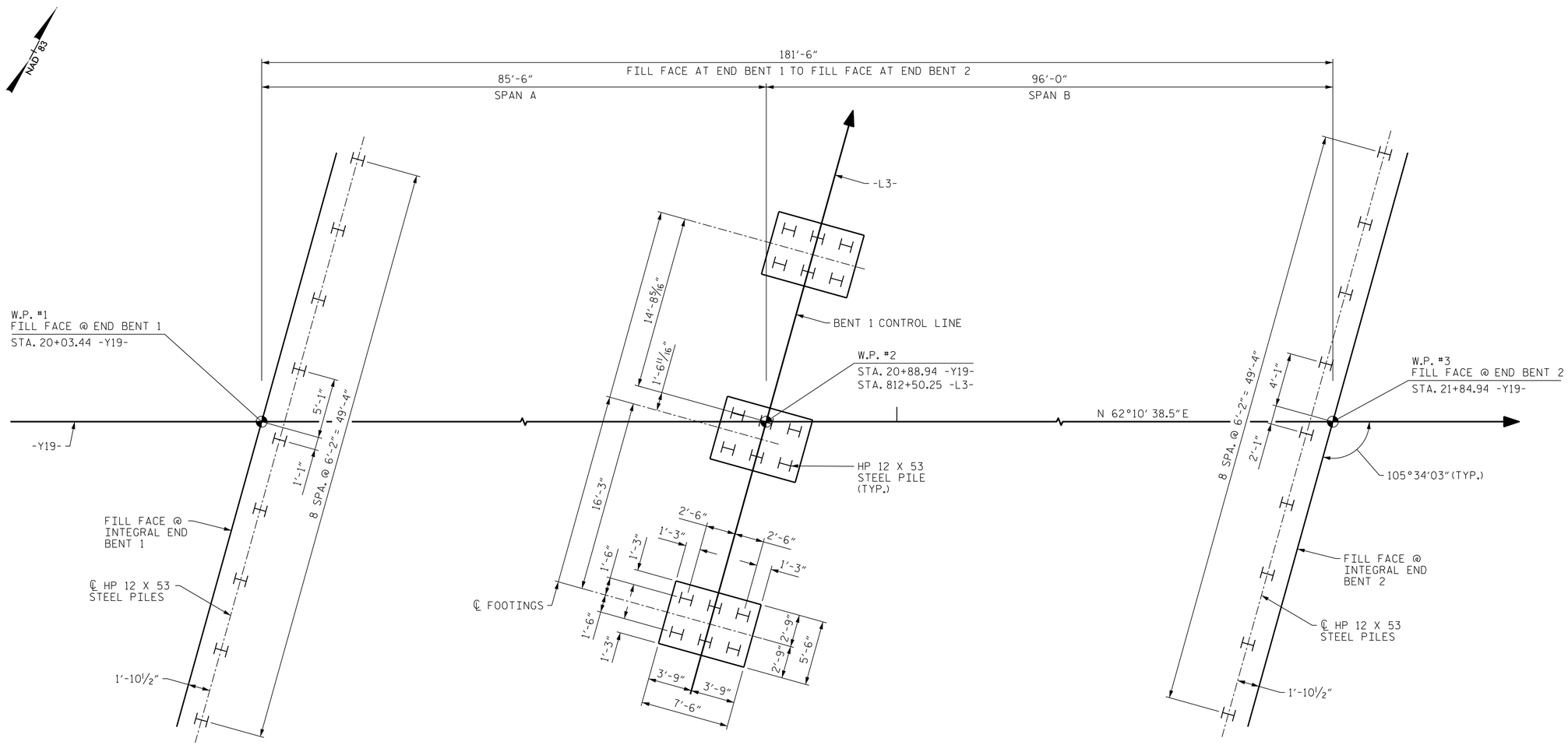

INTEGRAL END BENT 1

BENT 1

DIMENSIONS AND PILE LAYOUT
ARE TYPICAL FOR EACH FOOTING.

INTEGRAL END BENT 2

FOUNDATION LAYOUT

(DIMENSIONS LOCATING PILES ARE TO THE PILE ℄ AT THE BOTTOM OF CAP OR FOOTING)

NOTES:

FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

PILES AT END BENT NO. 1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 108 TONS PER PILE.

DRIVE PILES AT END BENT NO.1 TO A REQUIRED DRIVING RESISTANCE OF 180 TONS PER PILE.

PILES AT BENT NO. 1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 116 TONS PER PILE.

DRIVE PILES AT BENT NO.1 TO A REQUIRED DRIVING RESISTANCE OF 193 TONS PER PILE.

PILES AT END BENT NO. 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 116 TONS PER PILE.

DRIVE PILES AT END BENT NO. 2 TO A REQUIRED DRIVING RESISTANCE OF 193 TONS PER PILE.

DESIGNED BY:	J. BORUTA	DATE : JUNE 2019
DRAWN BY:	K. WHITE	DATE : JUNE 2019
CHECKED BY:	B. LOFLIN	DATE : AUG 2019
DESIGN ENGINEER OF RECORD:	J. DOUGHTY	DATE : NOV 2019

MODJESKI and MASTERS
Experience great bridges.
333 FAYETTEVILLE STREET, SUITE 500
RALEIGH, NC 27601
NC LICENSE NO. C-2979

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NORTH CAROLINA PROFESSIONAL SEAL 032967 ENGINEER JASON R. DOUGHTY
4/23/2020
DocuSigned by: Jason R Doughty 5F73FA2DEA974E8...

PROJECT NO. R-2233BB
RUTHERFORD COUNTY
STATION: 20+88.94 -Y19-

SHEET 2 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE ON GREEN ST. OVER US 221 RUTHERFORDTON BYPASS BETWEEN US 221 AND US 74 ALT.

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-2
1			3			TOTAL SHEETS
2			4			34

STR. #3

4/22/2020
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