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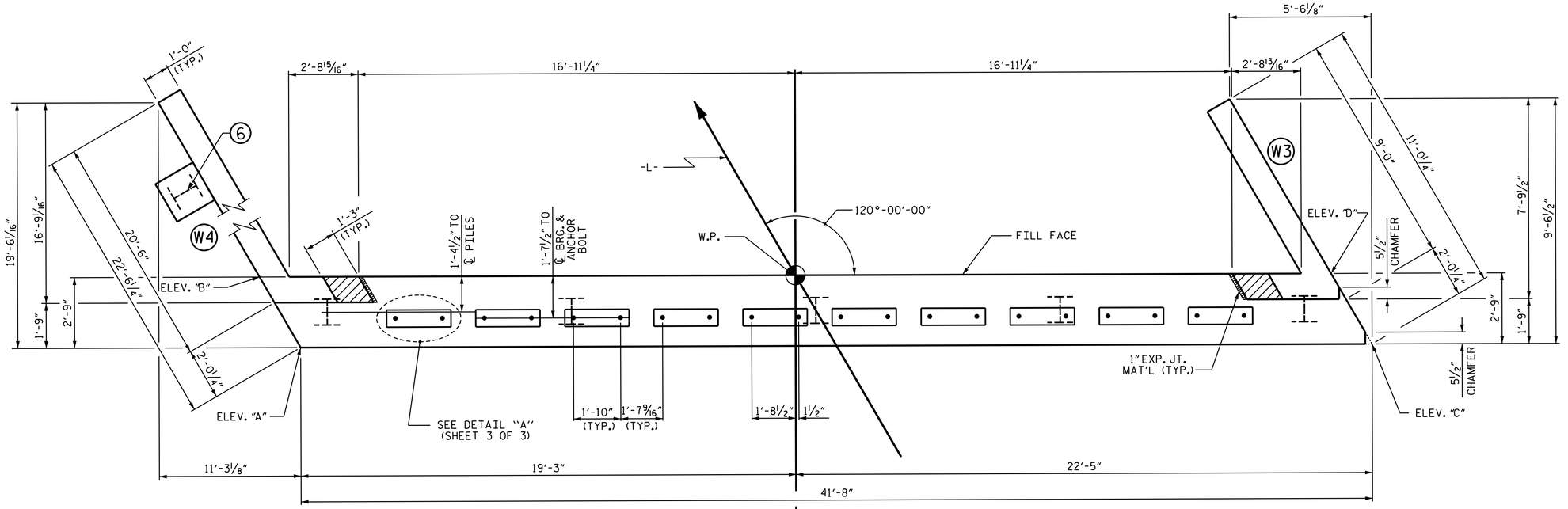


PLAN

NOTES

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE VERTICAL CONCRETE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.

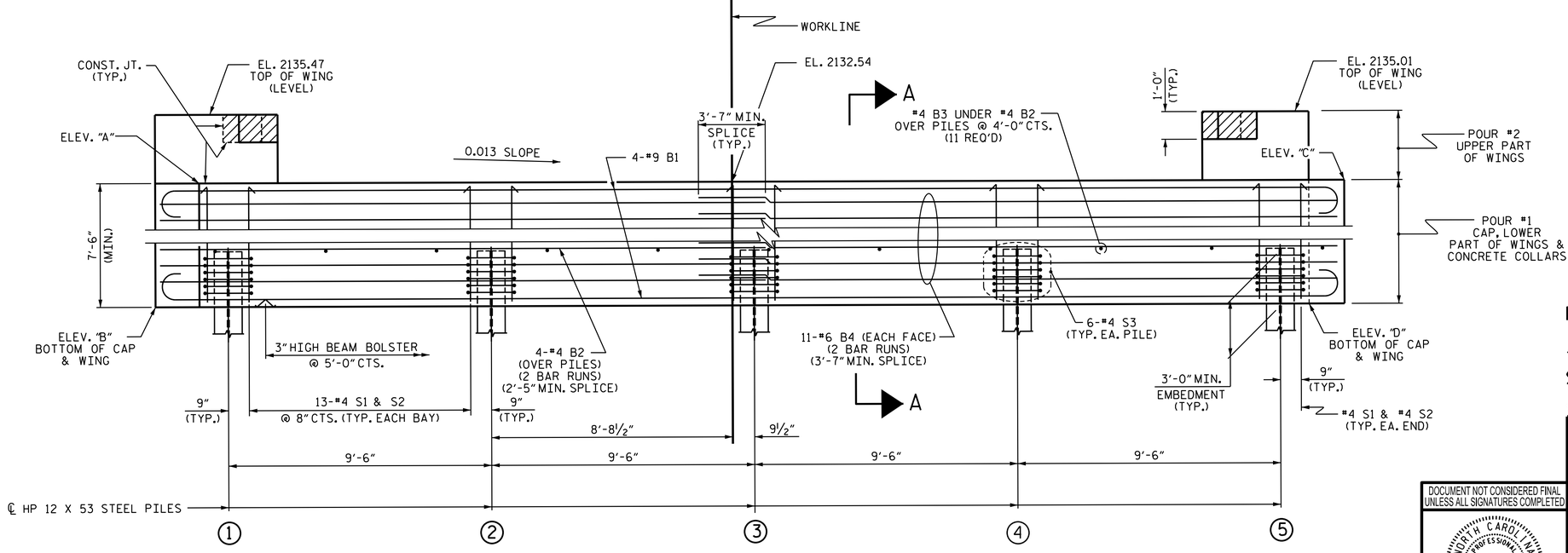
FOR PILE SPLICE DETAILS, SEE SHEET 3 OF 3.

FOR WING DETAILS, SEE SHEET 2 OF 3.

ANCHOR BOLTS SHALL MEET THE REQUIREMENTS OF ASTM A449. ANCHOR PLATES, WASHERS, AND NUTS SHALL MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.

ELEVATIONS		
	TOP OF CAP	BOT. OF CAP
ELEV. A	2132.77	2125.27
ELEV. B	2132.80	2125.30
ELEV. C	2132.23	2124.73
ELEV. D	2132.26	2124.76

TOP OF PILE ELEVATIONS	
①	2128.27
②	2127.92
③	2128.03
④	2128.03
⑤	2127.90
⑥	2127.78



ELEVATION

WINGS NOT SHOWN FOR CLARITY.
FOR SECTION A-A, SEE SHEET 3 OF 3.
CONCRETE COLLARS FOR STEEL PILES NOT SHOWN IN PLAN AND ELEVATION VIEWS FOR CLARITY.
SEE "CORROSION PROTECTION FOR STEEL PILES DETAIL", SHEET 3 OF 3.

PROJECT NO. BP14-R010
CLAY COUNTY
STATION: 12+60.00 -L-
SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

END BENT 2 PLAN AND ELEVATION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NORTH CAROLINA PROFESSIONAL SEAL 044167 7/19/2024 ENGINEER ELIZABETH F. LAWES
Docusigned by: Elizabeth F. Lawes 935E64223CD547C...

WSP USA Inc.
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 1.919.836.4040

LICENSE NO. F-0165

DESIGNED BY:	E. LAWES	DATE :	NOV 2023
DRAWN BY:	J. WHEATLEY	DATE :	NOV 2023
CHECKED BY:	T. KIRSCHBAUM	DATE :	NOV 2023
DESIGN ENGINEER OF RECORD:	E. LAWES	DATE :	JUNE 2024

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-13
1			3			TOTAL SHEETS
2		17	4			17

6/21/2024
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