

NOTES:

FOR SECTION A-A, SEE SHEET 3 OF 3.

FOR PILE SPLICE DETAILS, SEE SHEET 3 OF 3.

FOR TEMPORARY DRAINAGE DETAILS, SEE END BENT 2 SHEET 3 OF 3 (SR-131).

THE TOP SURFACE OF THE END BENT CAP, EXCEPT THE BRIDGE SEAT BUILD-UPS, SHALL BE SLOPED TRANSVERSELY FROM THE FILL FACE TO THE BACK FACE AT THE RATE OF 2%.

THE TOP SURFACE AREAS OF THE END BENT CAPS SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT THE MEMBRANE CURING COMPOUND METHOD SHALL NOT BE USED.

BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.

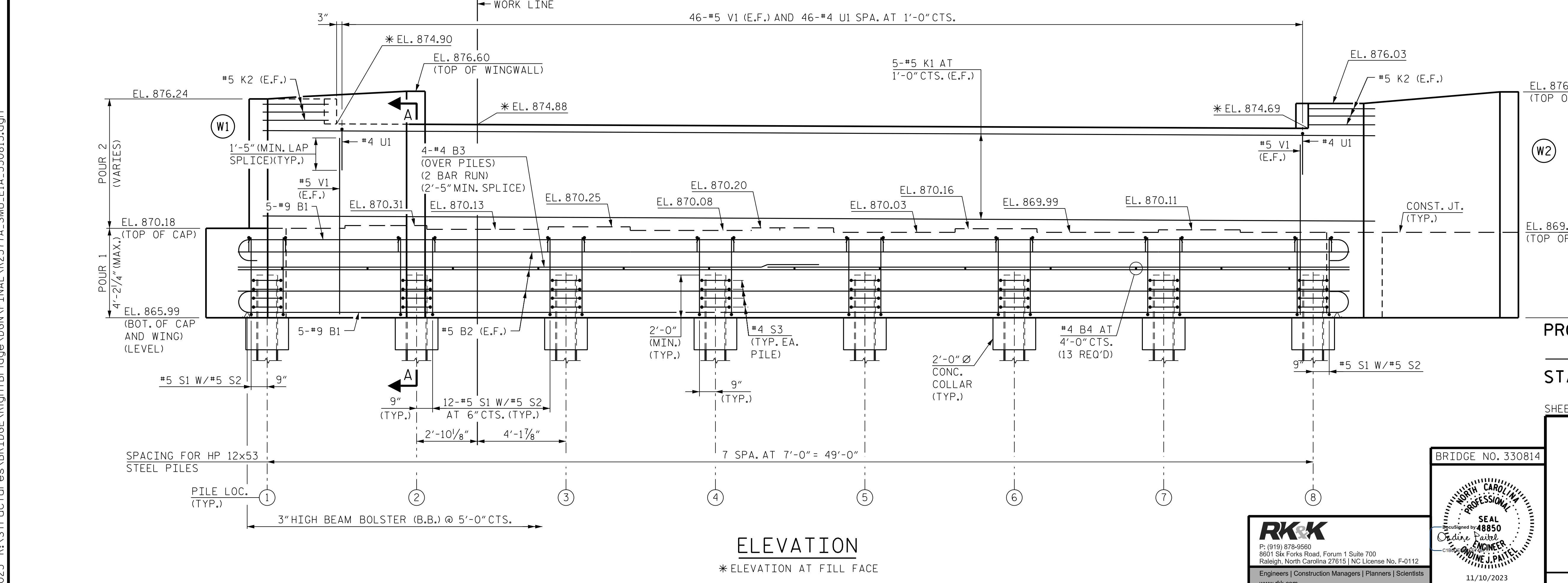
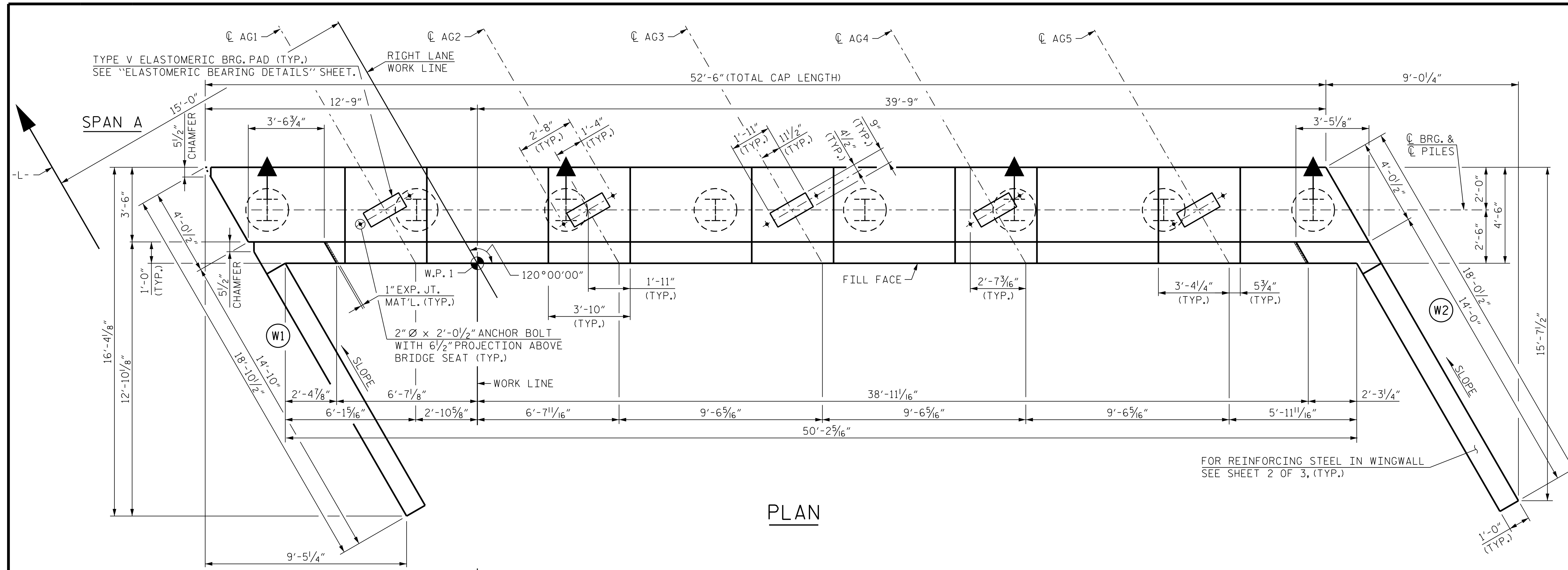
STIRRUPS IN CAP MAY BE SHIFTED SLIGHTLY TO AVOID CONFLICT WITH ANCHOR BOLTS.

"V" BARS IN WINGWALLS SHALL BE PLACED 2" CLEAR FROM TOP OF WING.

LEGEND:

⊥ HP 12x53 VERTICAL STEEL PILES

▲ HP 12x53 STEEL PILES BATTERED 3:12



PROJECT NO. R-2577A
 FORSYTH COUNTY
 STATION: 140+39.50 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BRIDGE NO. 330814

SUBSTRUCTURE
 END BENT 1
 PLAN AND ELEVATION

RIGHT LANE

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 Engineers | Construction Managers | Planners | Scientists
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BRIDGE NO. 330814

SEAL
 Registered Professional Engineer
 Signature: *Chadwick J. Paitel*
 License No. 48850
 11/10/2023

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

11/10/2023 R:\Structures\Bridges\RightBridge\FINAL\R2577A_SMU_E1A_330814.dgn

DRAWN BY: B. A. HAAG DATE: SEP 2023
 CHECKED BY: L. K. AUSTIN DATE: SEP 2023
 DESIGN ENGINEER OF RECORD: O. J. PAITEL DATE: SEP 2023

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED