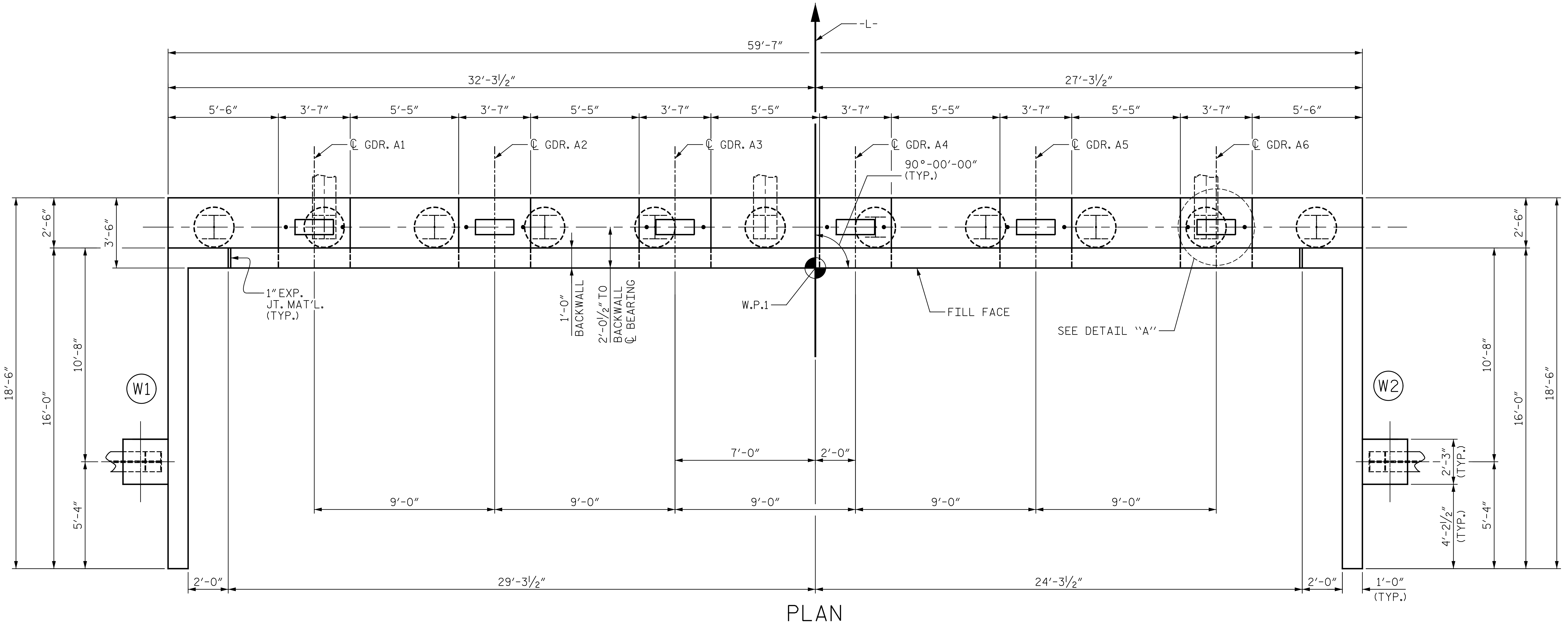
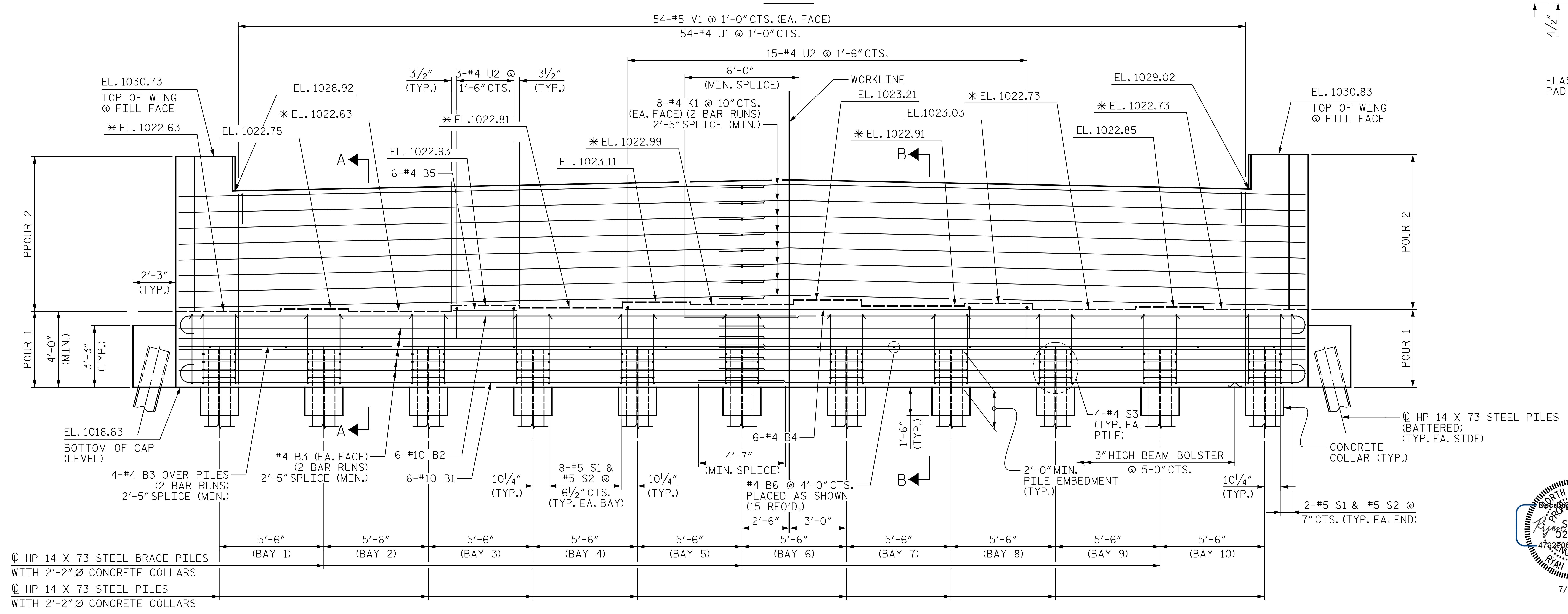


PLAN



ELEVATION

NOTES:

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

BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.

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.

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

INSTALL THE 6″Ø DRAIN PIPE THROUGH THE WINGWALL AS REQUIRED FOR TYPE I - STANDARD BRIDGE APPROACH FILLS (ROADWAY STANDARD DRAWING 422.01), SEE THE ROADWAY PLANS. REINFORCING STEEL IN THE WINGWALL MAY BE SHIFTED AS NECESSARY TO CLEAR THE DRAIN PIPE.

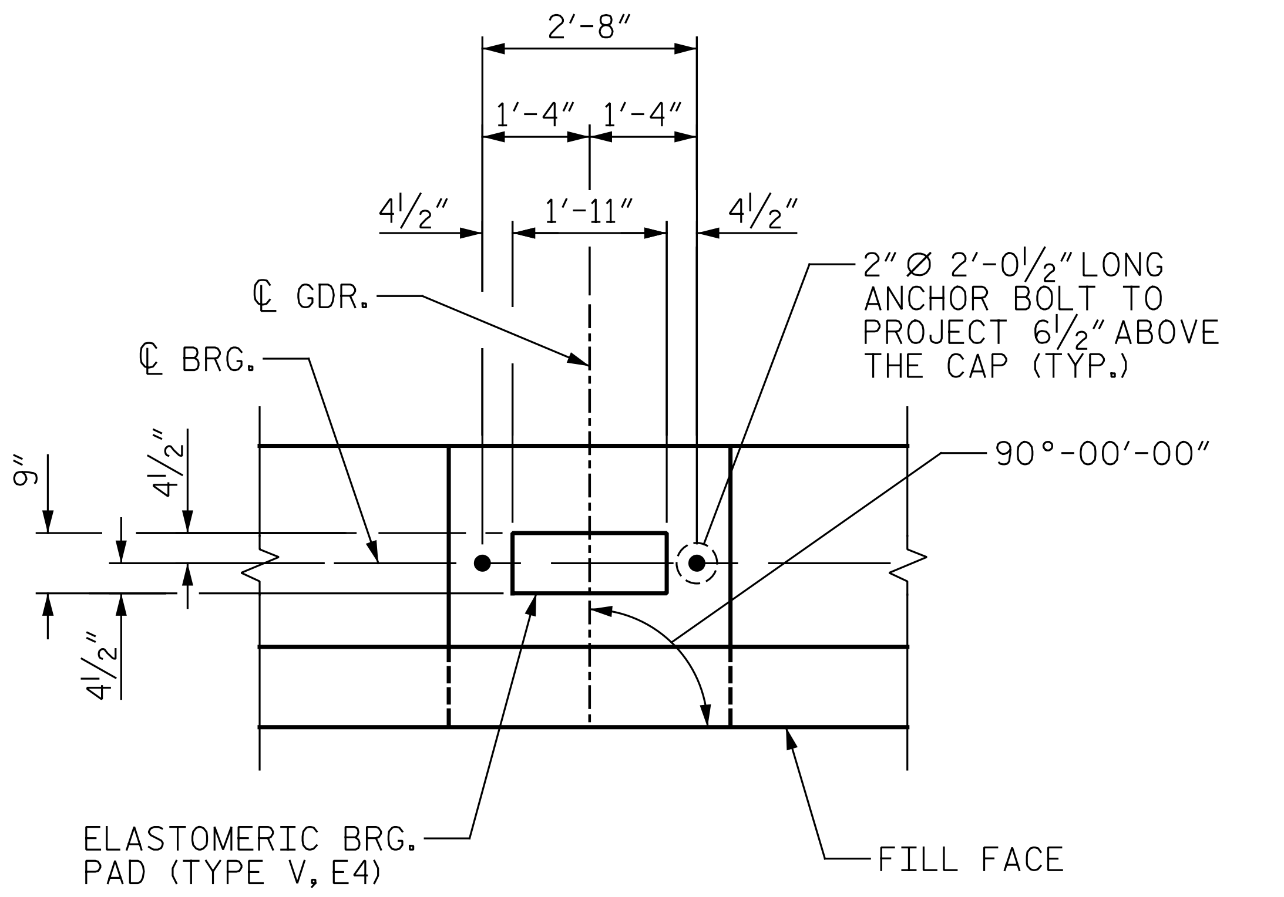
FOR LOCATION OF ELEVATION BETWEEN BRIDGE SEATS, SEE SECTION A-A ON SHEET 3 OF 3.

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

FOR TEMPORARY DRAINAGE AT END BENT DETAIL, SEE SHEET 3 OF 3.

FOR PILE SPLICE DETAIL, SEE END BENT, 1 SHEET 3 OF 3.

FOR LOCATION OF 3″ DIA. HOLE IN WING WALL FOR PIPE RAIL, SEE "DETAIL OF PIPE HANDRAIL MOUNTED ON WING WALL" SHEET.



DETAIL A

(TYP. EA. GIRDER)

PROJECT NO. R-3430B
BURKE & CALDWELL COUNTY
STATION: 34+52.50 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

END BENT 1

029360
RYAN D. FISHER
Ryan D. Fisher
7/8/2025

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S-46
TOTAL SHEETS 61

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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DRAWN BY : J. MYA DATE : 10/2023
CHECKED BY : R. FISHER DATE : 04/2024
DESIGN ENGINEER OF RECORD: DATE :

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