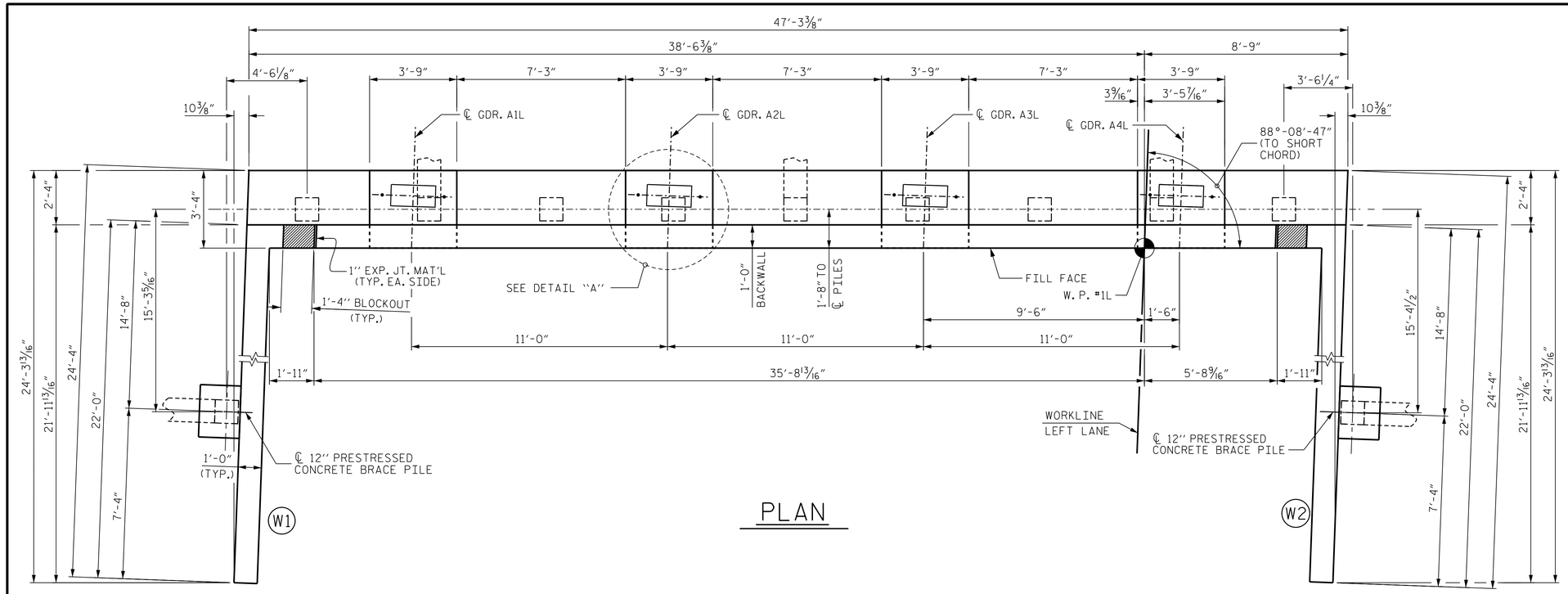


PLAN

NOTES:

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

THE CONTRACTOR SHALL PROVIDE FOR INSTALLATION OF THE 4" DIAMETER DRAIN PIPE THROUGH THE WING WALL AS REQUIRED FOR REINFORCED BRIDGE APPROACH FILLS. SEE THE ROADWAY PLANS. REINFORCING STEEL IN THE WING WALL MAY BE SHIFTED AS NECESSARY TO CLEAR THE DRAIN PIPE.

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%.

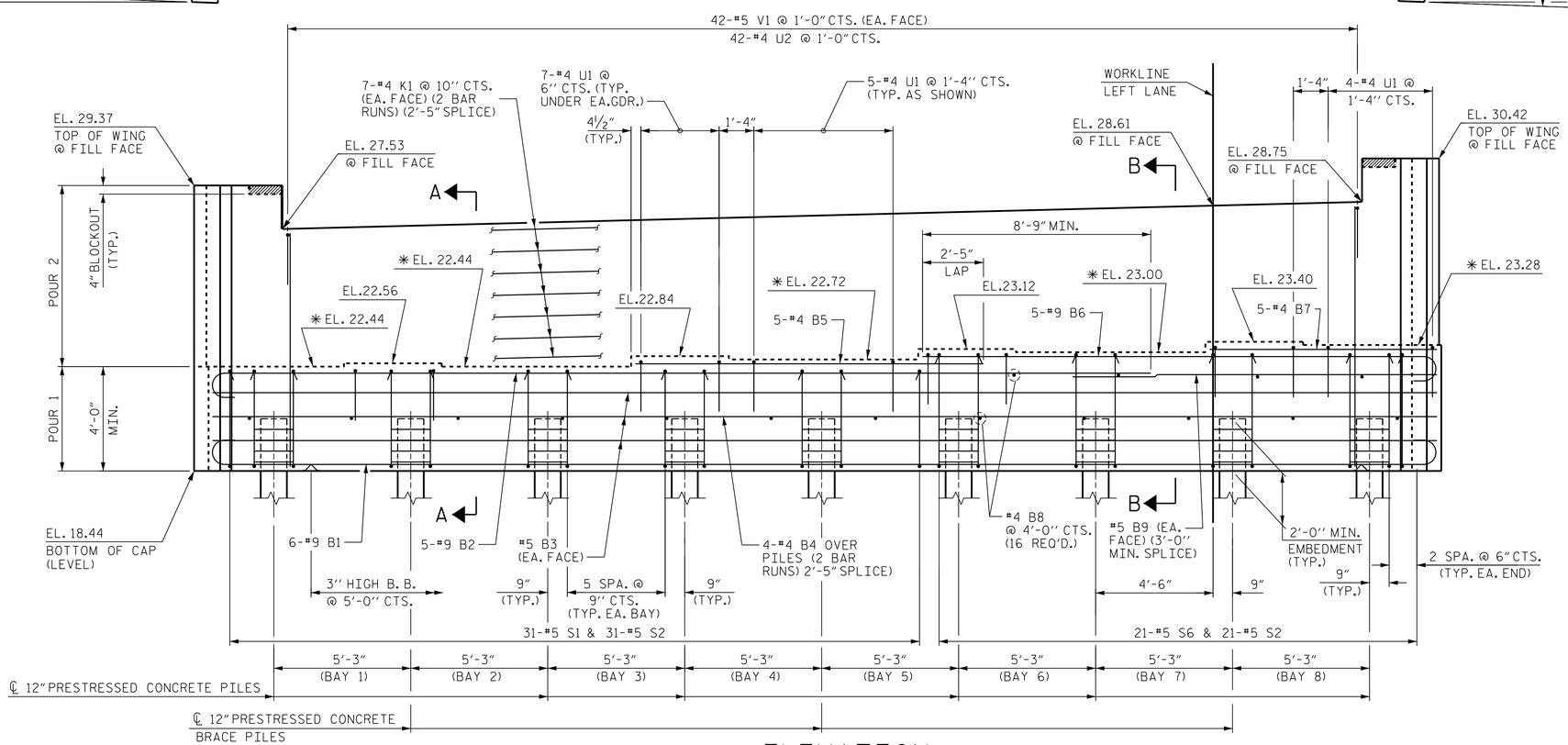
THE CONCRETE IN THE SHADED AREA SHALL BE POURED AFTER THE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.

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.

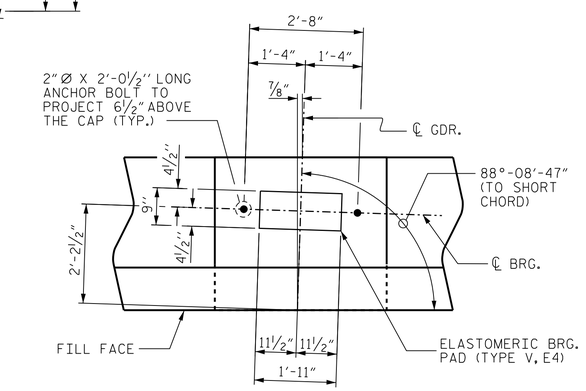
FOR TEMPORARY DRAINAGE AT END BENT DETAIL, SEE SHEET 3 OF 3.

FOR ADDITIONAL NOTES, SEE "GENERAL DRAWING" SHEET 4 OF 8.



ELEVATION

REINFORCING STEEL NOT SHOWN IN WING AND BRACE PILE CAP FOR CLARITY. SEE WING DETAILS, SHEET 2 OF 3.



DETAIL "A"

(TYP. EA. BRG.)

PROJECT NO. R-2514B

ONSLOW/JONES COUNTY

STATION: 173+54.46 -L-

SHEET 1 OF 3

DRAWN BY : J. MYA	DATE : 01/14
CHECKED BY : R. COFFMAN	DATE : 07/14
DESIGN ENGINEER OF RECORD : P. HOLSHOUSER	DATE : 10/14

NORTH CAROLINA PROFESSIONAL SEAL 20668 ENGINEER PAUL R. HOLSHOUSER

DocuSigned by: Paul R. Holshouser 1C5F9484FEC444D... 2/3/2015

The LOUIS BERGER GROUP, Inc.
1001 Wade Avenue, Suite 400
Raleigh, NC 27605-3322
NC COA No. F-0840

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE
END BENT 1
(LEFT LANE)

REVISIONS									SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:				S4-45
1			3						TOTAL SHEETS
2			4						75

STR. #4

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