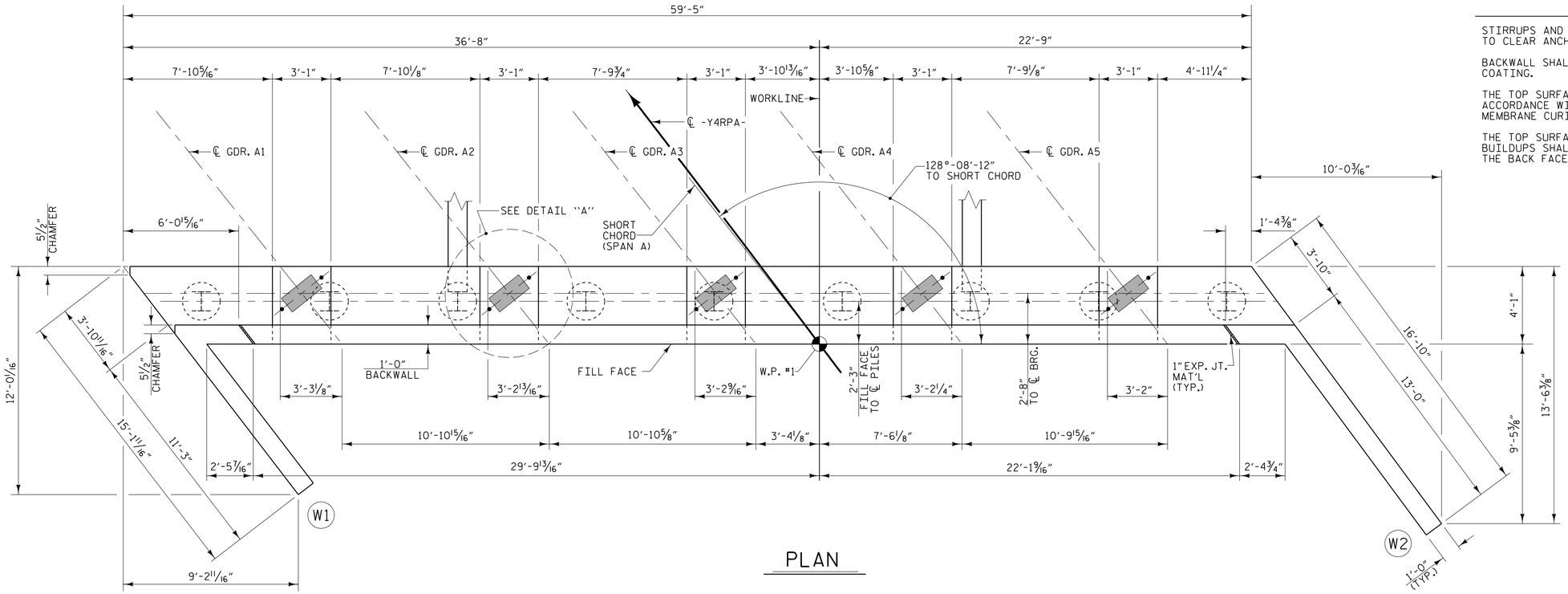
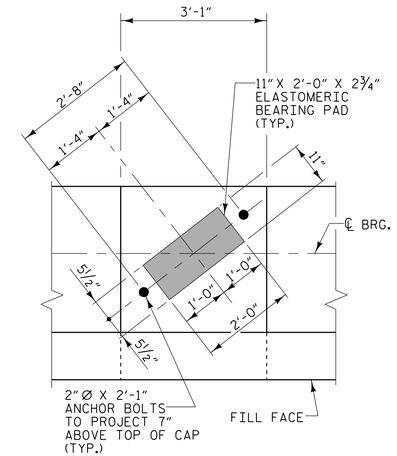


PLAN



DETAIL "A"

(TYP. EACH GIRDER)

NOTES

STIRRUPS AND U2 BARS IN THE CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

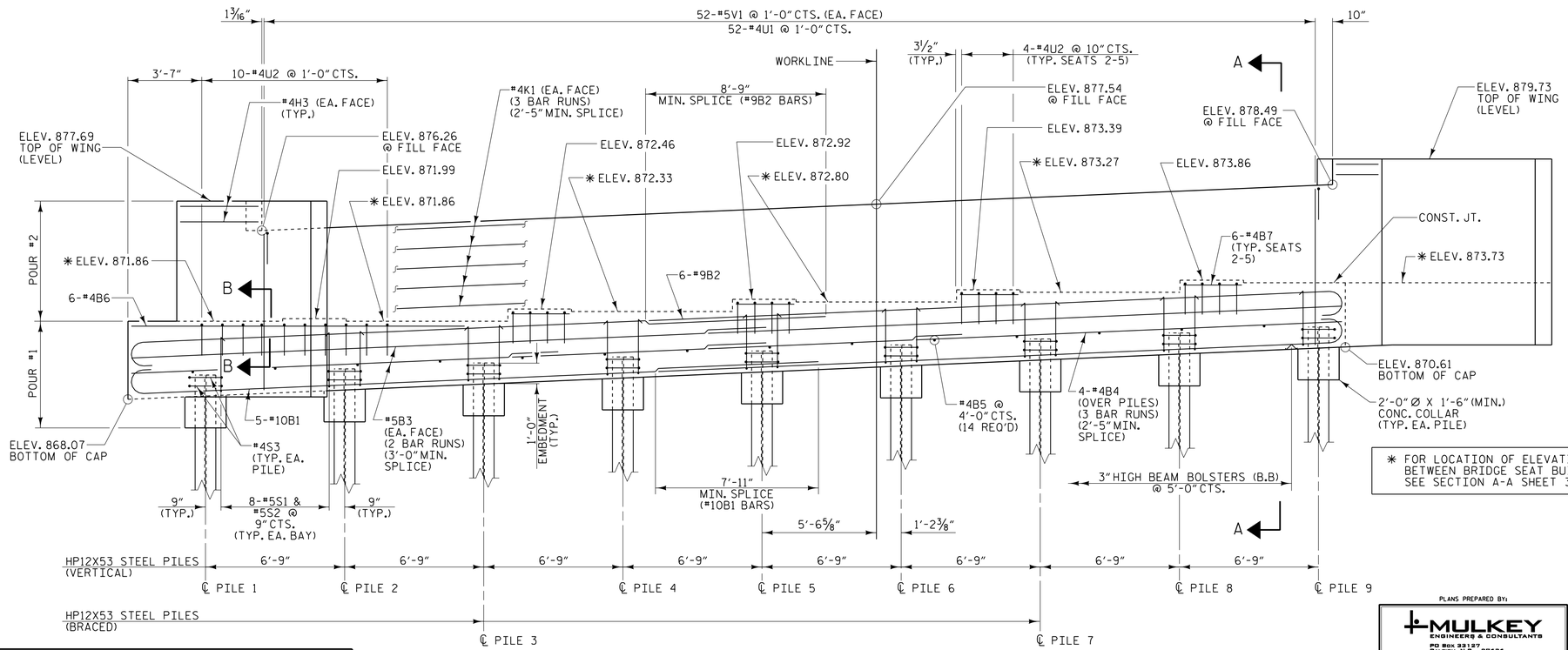
BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.

THE TOP SURFACE AREA OF THE END BENT CAP SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT THAT 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%.

PILE NO.	PILE ELEVATIONS
1	869.25
2	869.54
3	869.84
4	870.13
5	870.42
6	870.71
7	871.00
8	871.29
9	871.58

PILE ELEVATIONS @ MIN. 1'-0" EMBEDMENT RIGHT SIDE OF PILE FOR PILES IN THE CAP.



* FOR LOCATION OF ELEVATIONS BETWEEN BRIDGE SEAT BUILD-UPS. SEE SECTION A-A SHEET 3 OF 3.

ELEVATION

PROJECT NO. U-2579B

FORSYTH COUNTY

STATION: 17+10.00 -Y4RPA-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

END BENT #1

PLANS PREPARED BY:
MULKEY ENGINEERS & CONSULTANTS
PO Box 33127 RALEIGH, N.C. 27636 (919) 851-1912 (919) 851-1918 (FAX) WWW.MULKEYINC.COM
NC LICENSE NO. C-1021

NORTH CAROLINA PROFESSIONAL SEAL 034352 ENGINEER TERRY R. PETERSON
5/19/2014
DocuSigned by: Terry R. Peterson
6DC417164 7CD49F...

DRAWN BY : W. B. ALLEN DATE : 10/13
CHECKED BY : T. R. PETERSON DATE : 11/13
DESIGN ENGINEER OF RECORD: T. R. PETERSON DATE : 4/23/14

DWG. NO. RPA-32

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-249
1			3			TOTAL SHEETS
2			4			707

STR #7

5/19/2014 8:24:28 AM R:\Structures\U-2579B_Ramp A\U-2579B_RPA_SD_EL01.dgn