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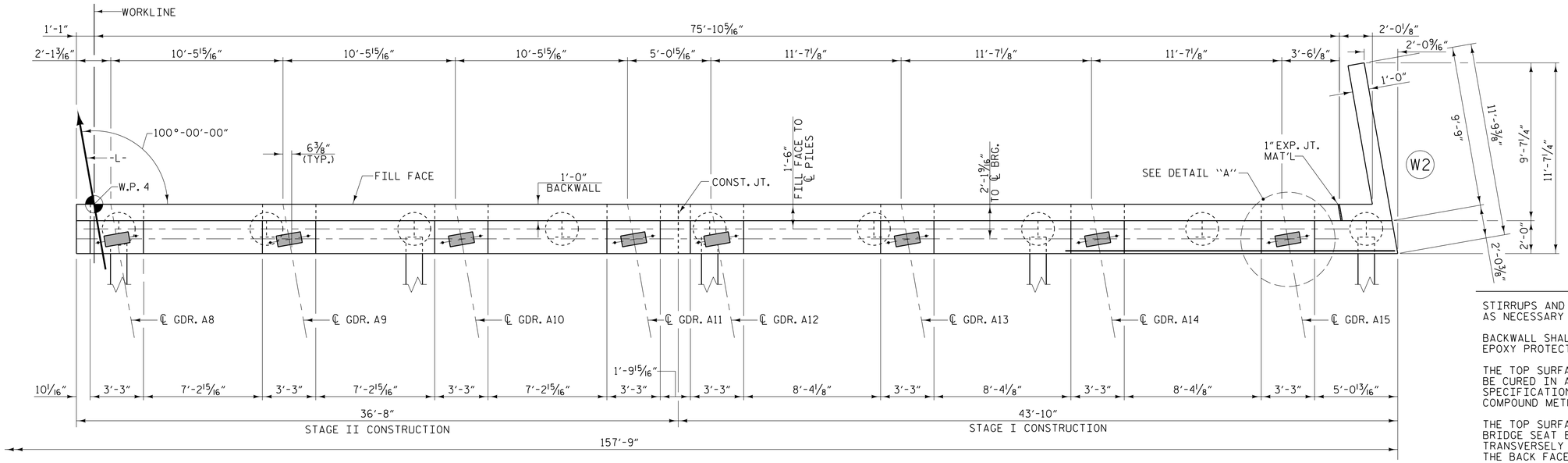


PLAN

NOTES

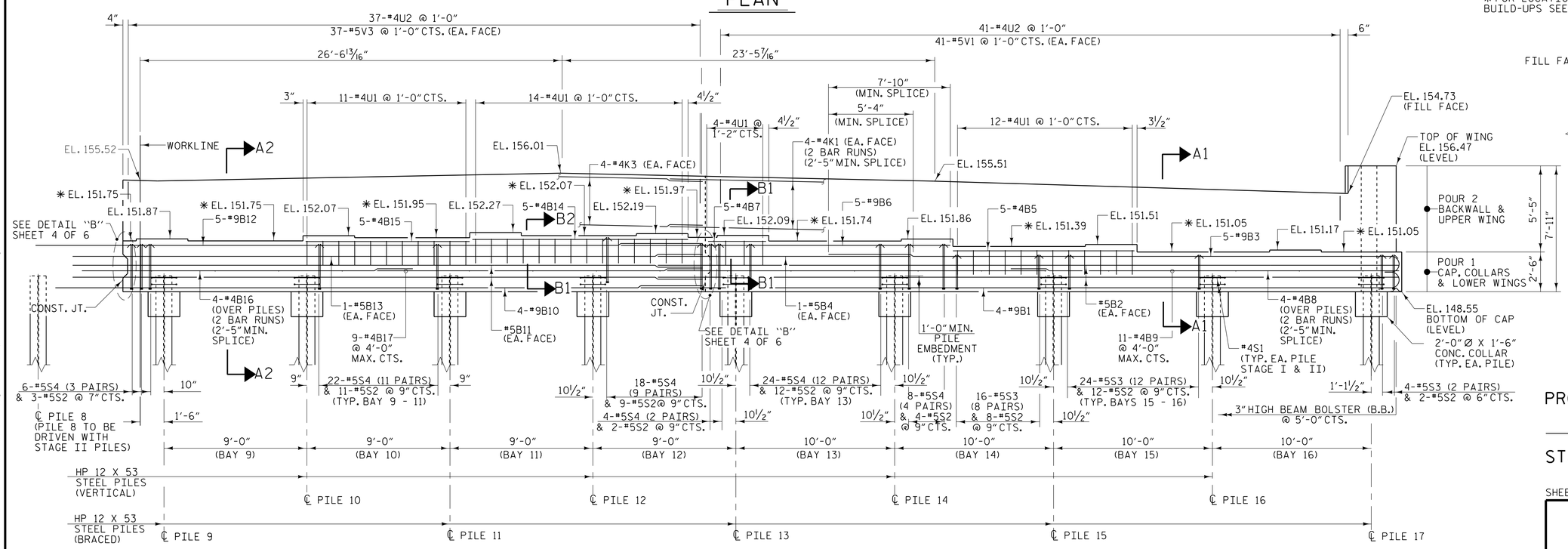
STIRRUPS AND U2 BARS IN THE CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

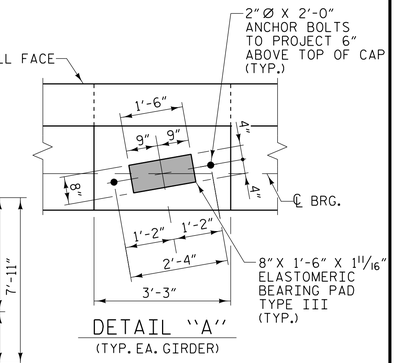
BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.

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%.

✳ FOR LOCATION OF ELEVATIONS BETWEEN BRIDE SEAT BUILD-UPS SEE SHEETS 4 & 5 OF 6.





DETAIL "A"
(TYP. EA. GIRDER)

MIN. EXTENSION LENGTHS FROM STAGE II TO STAGE III
2'-7"-#4B16 & #4K3
3'-2"- #5B11 & #5B13
4'-3"- #9B10
5'-6"- #9B12

MIN. EXTENSION LENGTHS FROM STAGE I TO STAGE II
2'-7"-#4B8 & #4K1
3'-2"- #5B2 & #5B4
4'-3"- #9B1
5'-6"- #9B6

ELEVATION

PROJECT NO. I-5987B
ROBESON COUNTY
STATION: 586+14.00 -L- POT

SHEET 1 OF 6

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

END BENT 2

STAGE I & II

PLANS PREPARED BY:
NV5 ENGINEERS & CONSTANTS, INC.
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NC License # F-1333

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NORTH CAROLINA PROFESSIONAL SEAL ENGINEER L. KEVIN AUSTIN
Docu Signed by: L. Kevin Austin
4/24/2022

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S5-54
1			3			TOTAL SHEETS
2			4			64

DRAWN BY : J.A. PANDOLI DATE : 2/22
CHECKED BY : G.F. WILSON DATE : 2/22
DESIGN ENGINEER OF RECORD: L. K. AUSTIN DATE : 2/22

4/23/2022 9:50:17 AM G:\Project\2019\20921.03\CLIENT\Structures\I-5987B (Big Marsh Swamp)\5987B_SMU_E7_170536.dgn