

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

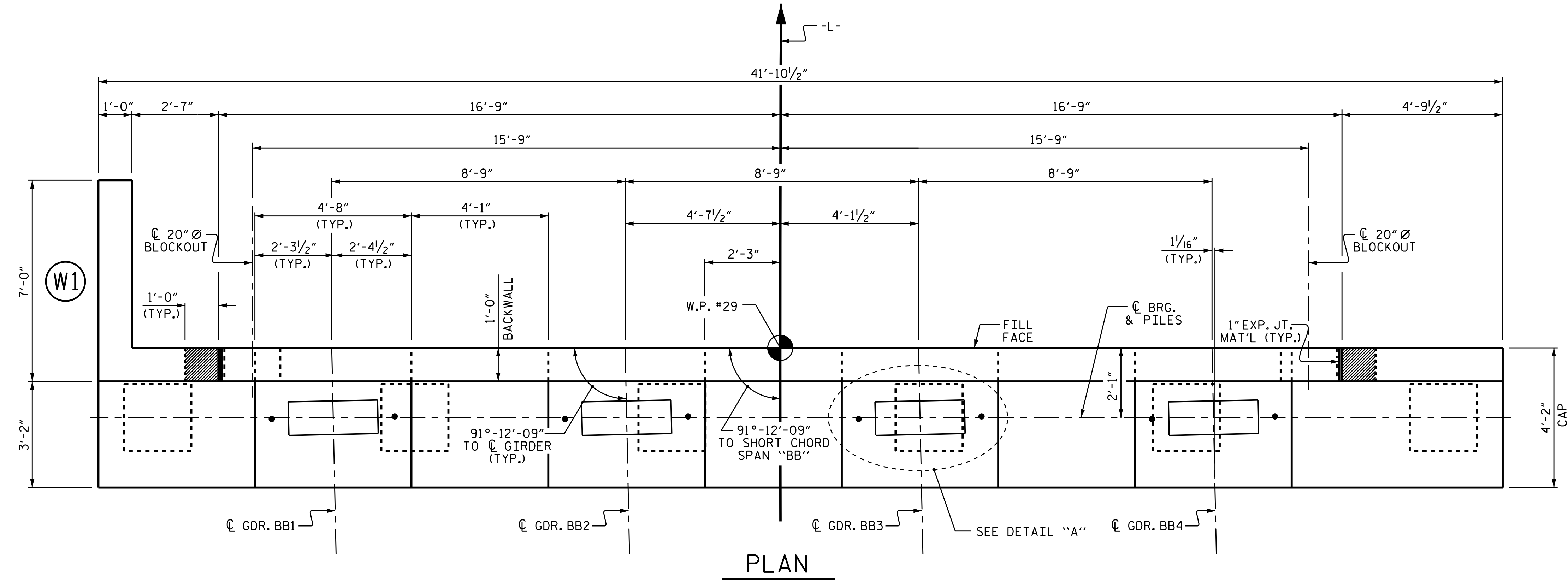
THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE JOINT BETWEEN THE DECK AND THE APPROACH SLAB HAS BEEN SAWED AND THE PARAPET AND END POST ARE CAST IF SLIP FORMING IS USED.

CONCRETE DISPLACED BY CONCRETE PILES AND BLOCKOUTS HAS BEEN DEDUCTED FROM THE CAP CONCRETE QUANTITY.

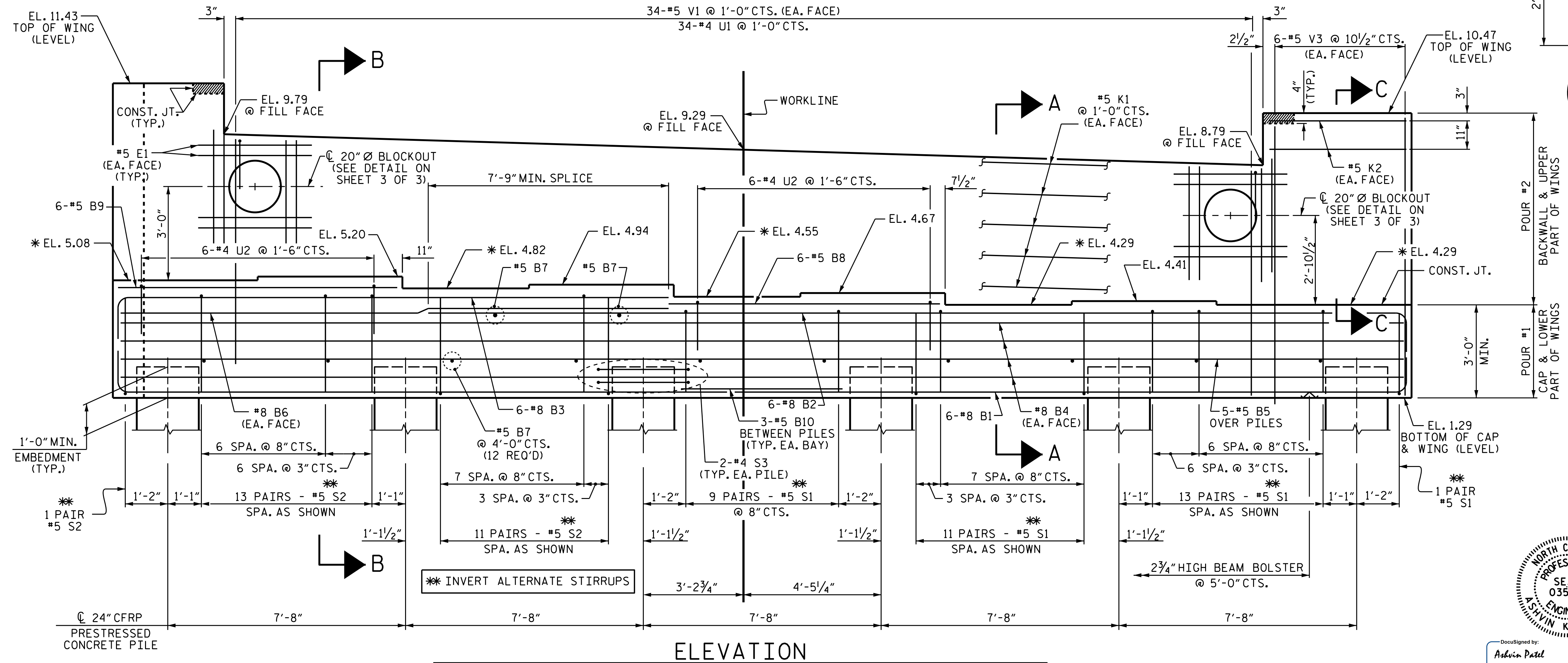
ALL REINFORCING IN THE CAP IS TO BE GLASS FIBER REINFORCED POLYMER (GFRP) BARS. FOR GLASS FIBER REINFORCED POLYMER BARS, SEE SPECIAL PROVISIONS.

CENTER UTILITY IN BLOCKOUT AND FILL ANNULAR SPACE AROUND UTILITY PIPE WITH JOINT FILLER IN ACCORDANCE WITH STANDARD SPECIFICATIONS ARTICLE 1028-1.

THE CONTRACTOR SHALL PROVIDE FOR INSTALLATION OF THE STRUCTURE DRAINAGE SYSTEM BLOCKOUTS IN THE BACKWALL. REINFORCING IN THE BACKWALL MAY BE SHIFTED OR CUT AS NECESSARY TO PROVIDE FOR THE STRUCTURE DRAINAGE SYSTEM BLOCKOUTS. SEE STRUCTURE DRAINAGE SYSTEM SHEETS FOR DETAILS.

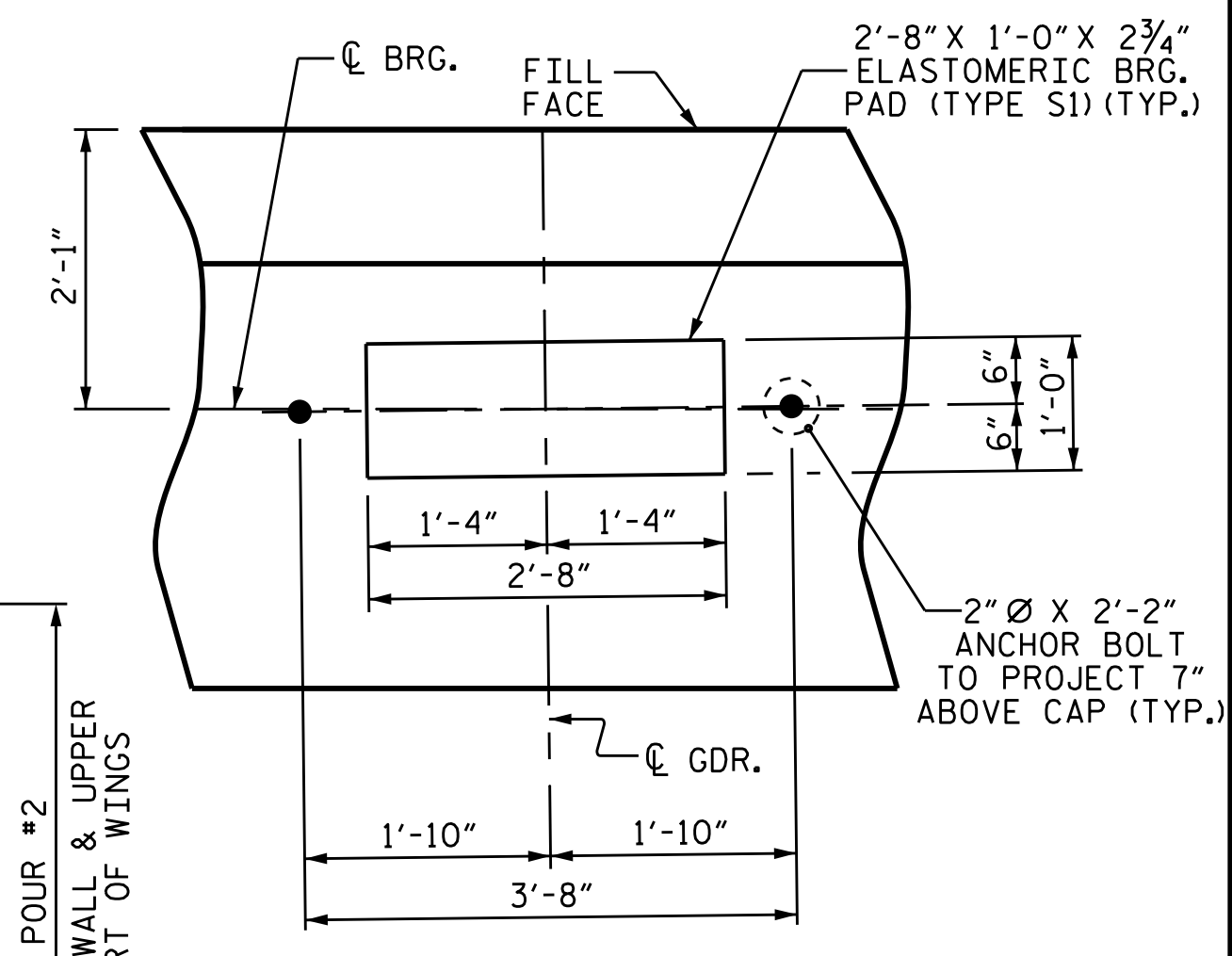


PLAN



ELEVATION

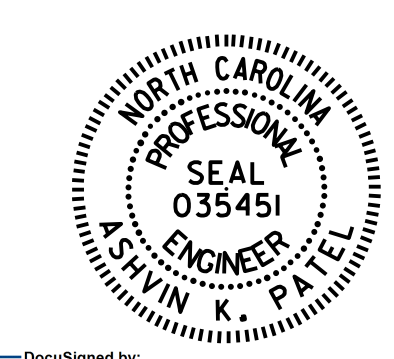
*FOR LOCATION OF ELEVATIONS BETWEEN BRIDGE SEAT BUILD-UPS, SEE SECTION A-A, SHEET 3 OF 3.



DETAIL "A"
(TYP. @ EACH GDR.)

PROJECT NO. B-4863
CARTERET COUNTY
 STATION: 34+75.00 -L-

SHEET 1 OF 3



DocuSigned by:
 Ashwin Patel
 7F189E5610244D3
 3/9/2020

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
END BENT #2

DRAWN BY : I.L. AVERETTE DATE : 12/2018
 CHECKED BY : A.K. PATEL DATE : 11/2019
 DESIGN ENGINEER OF RECORD : A.K. PATEL DATE : 11/2019

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S1-187
2			4			194