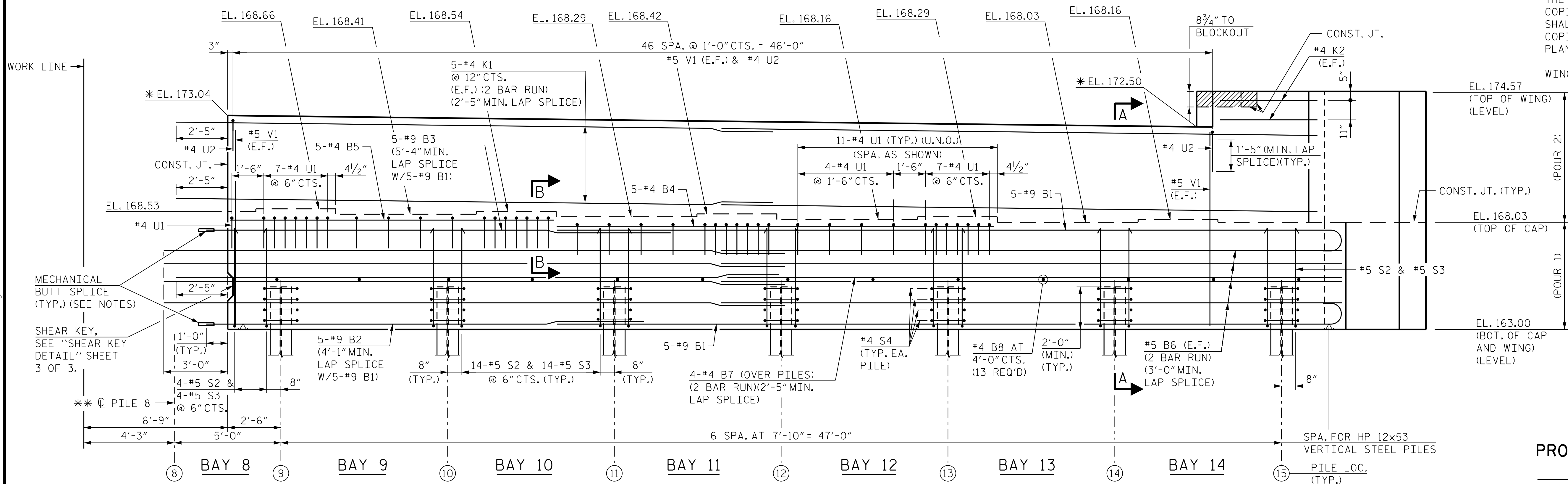


PLAN



ELEVATION

* ELEVATION AT FILL FACE

** PILE 8 IS LOCATED WITH STAGE 2 END BENT CONSTRUCTION BUT SHALL BE DRIVEN DURING STAGE 1 FOUNDATION CONSTRUCTION.

NOTES:

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

FOR PILE SPLICE DETAILS, SEE END BENT 2 STAGE 1, SHEET 3 OF 3.

FOR TEMPORARY DRAINAGE, SEE END BENT 1 STAGE 2, SHEET 3 OF 3.

STIRRUPS 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 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 HATCHED AREA OF THE WING SHALL BE POURED AFTER THE PARAPETS ARE CAST IF SLIP FORMING IS USED.

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.

WING LENGTH IS BASED ON THE MSE WALL COPING BEING FLUSH WITH THE FILL FACE OF THE MSE WALL PANEL. IF AN ALTERNATE COPING DETAIL IS USED, THE CONTRACTOR SHALL ADJUST THE LENGTH OF THE WING FOR COPING DETAILS, SEE MSE RETAINING WALL PLANS.

WING IS PARALLEL TO -Y1-.

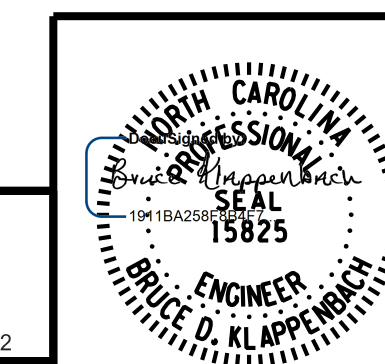
FOR MECHANICAL BUTT SPLICING OF REINFORCING STEEL, SEE SECTION 425-5 OF THE STANDARD SPECIFICATIONS.

PROJECT NO. I-5972
 JOHNSTON COUNTY
 STATION: 36+93.50 -Y1-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 END BENT 2
 PLAN AND ELEVATION
 STAGE 1



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REVISIONS

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

SHEET NO.
 S-45
 TOTAL SHEETS
 54

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

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 CHECKED BY : D. M. RAGAN DATE : JUN 2021
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