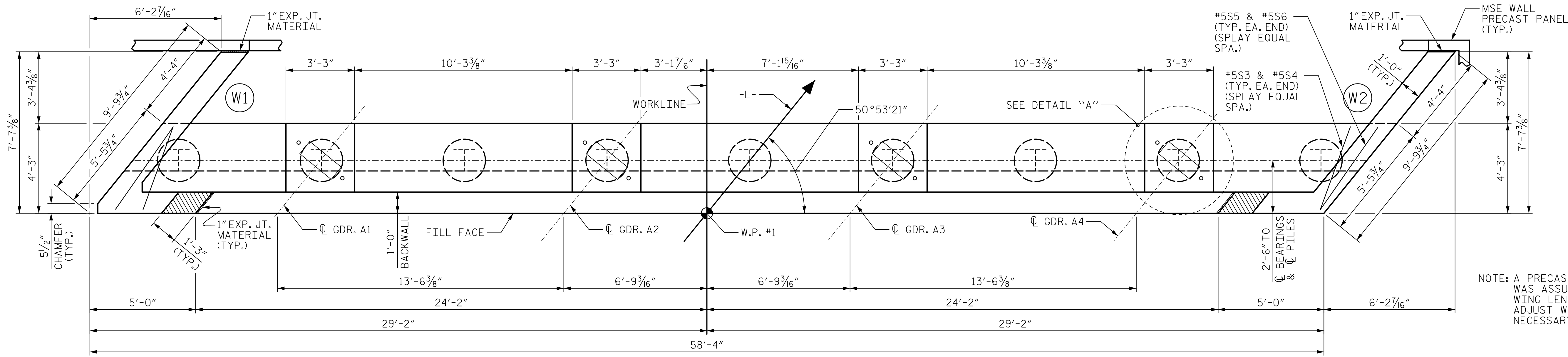


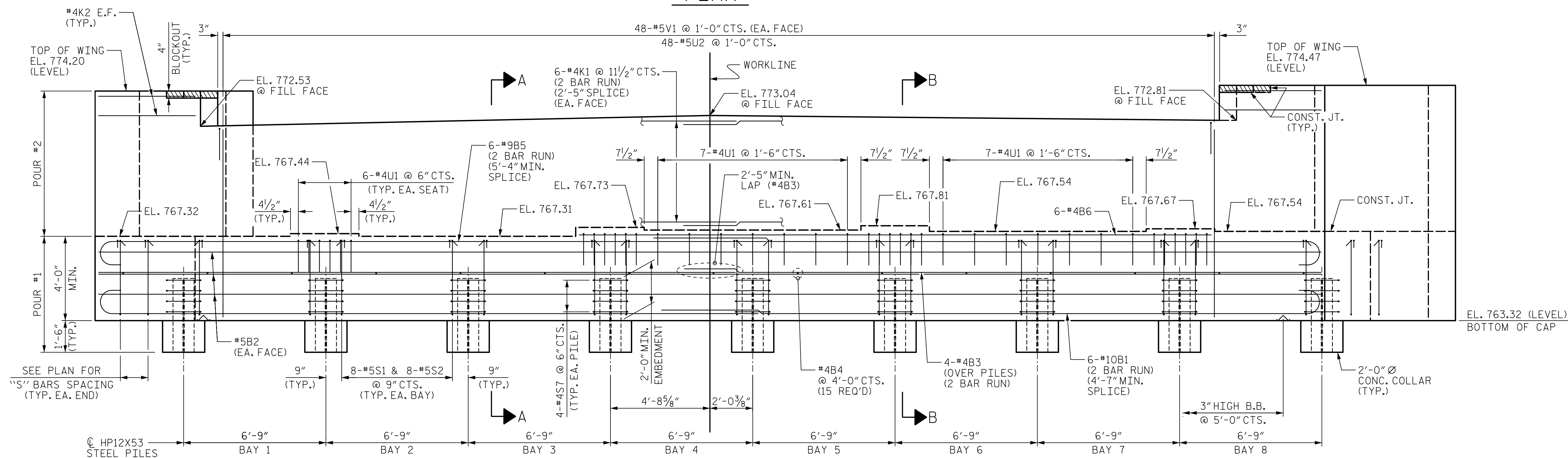
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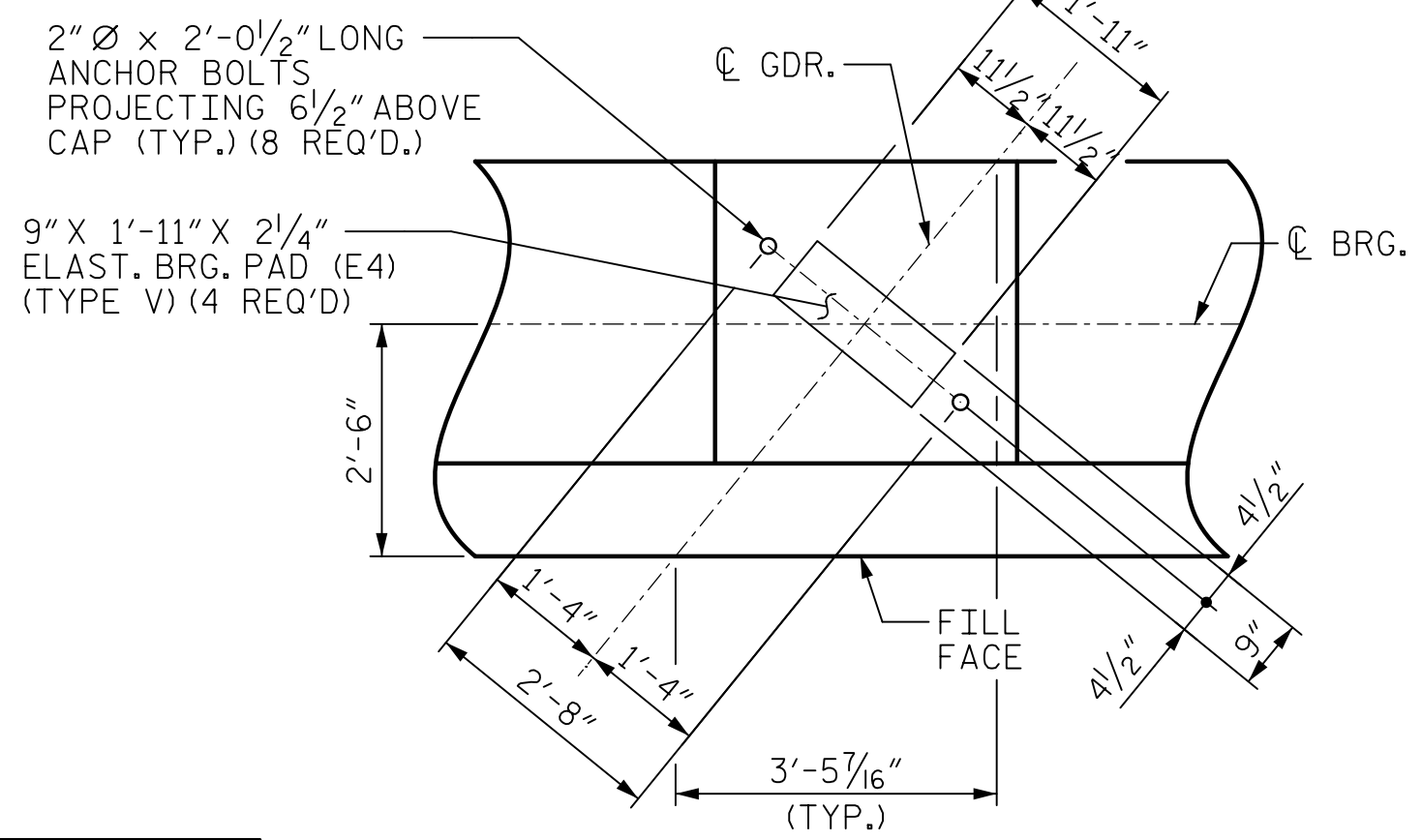


NOTE: A PRECAST PANEL THICKNESS OF 6" WAS ASSUMED FOR ESTABLISHING WING LENGTH. CONTRACTOR SHALL ADJUST WING LENGTH AS NECESSARY.

PLAN



ELEVATION



DETAIL "A"  
(TYP. EA. GIRDER)

NOTES:  
STIRRUPS AND "U" BARS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHORS.  
#5 "V" BARS IN BACKWALL SHALL BE PLACED 2" CLEAR FROM TOP OF BACKWALL.  
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 FRONT FACE AT THE RATE OF 2%.  
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 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 BARRIER RAIL IS CAST IF SLIP FORMING IS USED.

PROJECT NO. BR-0042  
ROCKINGHAM COUNTY  
STATION: 19+56.99 -L-

SHEET 1 OF 3

**AECOM**  
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Designed by:  
**John C. Morrison**  
NORTH CAROLINA PROFESSIONAL ENGINEER  
SEAL 030474  
JOHN C. MORRISON  
5/27/2020

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

SUPERSTRUCTURE  
END BENT 1

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-18
1			3			TOTAL SHEETS
2			4			28

DRAWN BY : T.B. STUMP DATE : 07/2019  
CHECKED BY : D. RITACCO DATE : 07/2019  
DESIGNED BY : D. RITACCO DATE : 07/2019  
DESIGN CHECKED BY : J.C. MORRISON DATE : 07/2019

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED