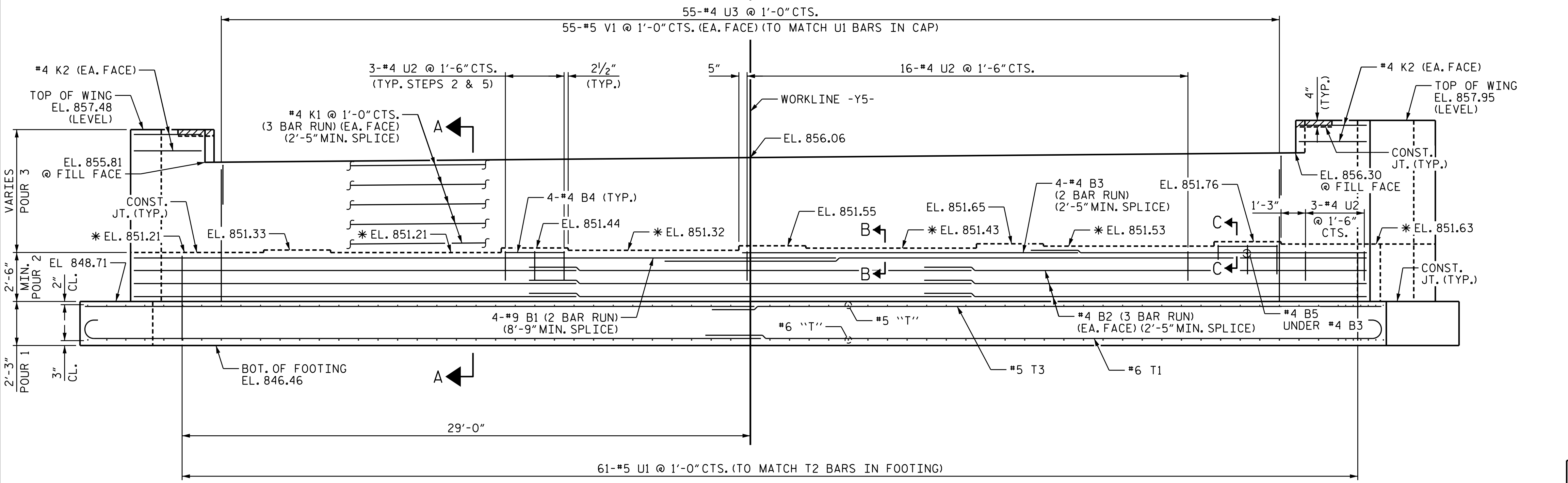


PLAN



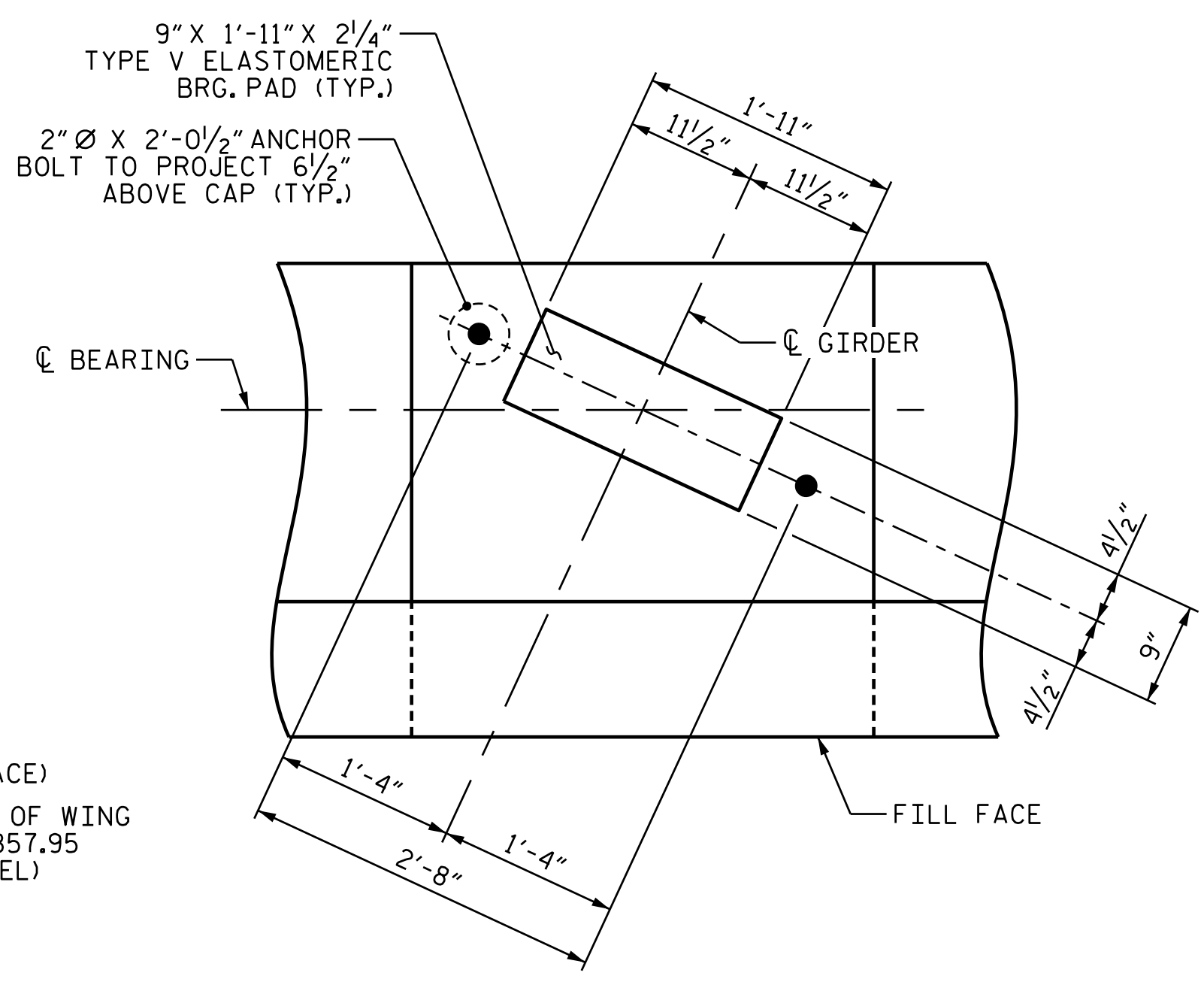
ELEVATION

WING W1 NOT SHOWN FOR CLARITY

\* FOR LOCATION ON CAP SEE SHEET 3 OF 3

NOTES:

- "U" BARS IN CAP AND FOOTING 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 CAP 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 FRONT 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 APPROACH SLAB HAS BEEN SAWED AND THE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.
- THE WING WALLS ARE DETAILED TO FIT WITH MSE WALL COPING DETAIL A AS SHOWN ON THE SLOPE PROTECTION DETAIL SHEET. IF MSE WALL COPING DETAIL B IS USED, WING WALLS SHALL BE SHORTENED TO FIT. COORDINATE WITH THE MSE WALL FABRICATOR FOR COPING DETAIL TO BE USED. H BAR LENGTHS AND V BAR POSITIONS SHALL BE ADJUSTED TO FIT FINAL WINGWALL LENGTHS.



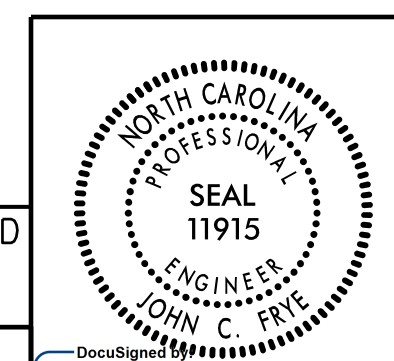
DETAIL A

PROJECT NO. U-2525C  
 GUILFORD COUNTY  
 STATION: 22+29.98 -Y5-

SHEET 1 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

SUBSTRUCTURE  
 END BENT 1



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY:  
 MOTT MACDONALD  
 PO Box 700  
 Fuquay-Varina, NC 27526  
 (919) 552-2253  
 www.mottmac.com  
 LICENSE NO. F-0669

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

12/22/2017 12:21:20 PM  
 C:\Users\j5.North.Church.St\Plans\U-2525C-SMU-EL-401246.dgn  
 12/22/2017 3:37:48 PM

DRAWN BY: R. H. BRAINARD DATE: 11-2017  
 CHECKED BY: J. E. MONDOLFI DATE: 11-2017  
 DESIGN ENGINEER OF RECORD: J. E. MONDOLFI DATE: 12-2017