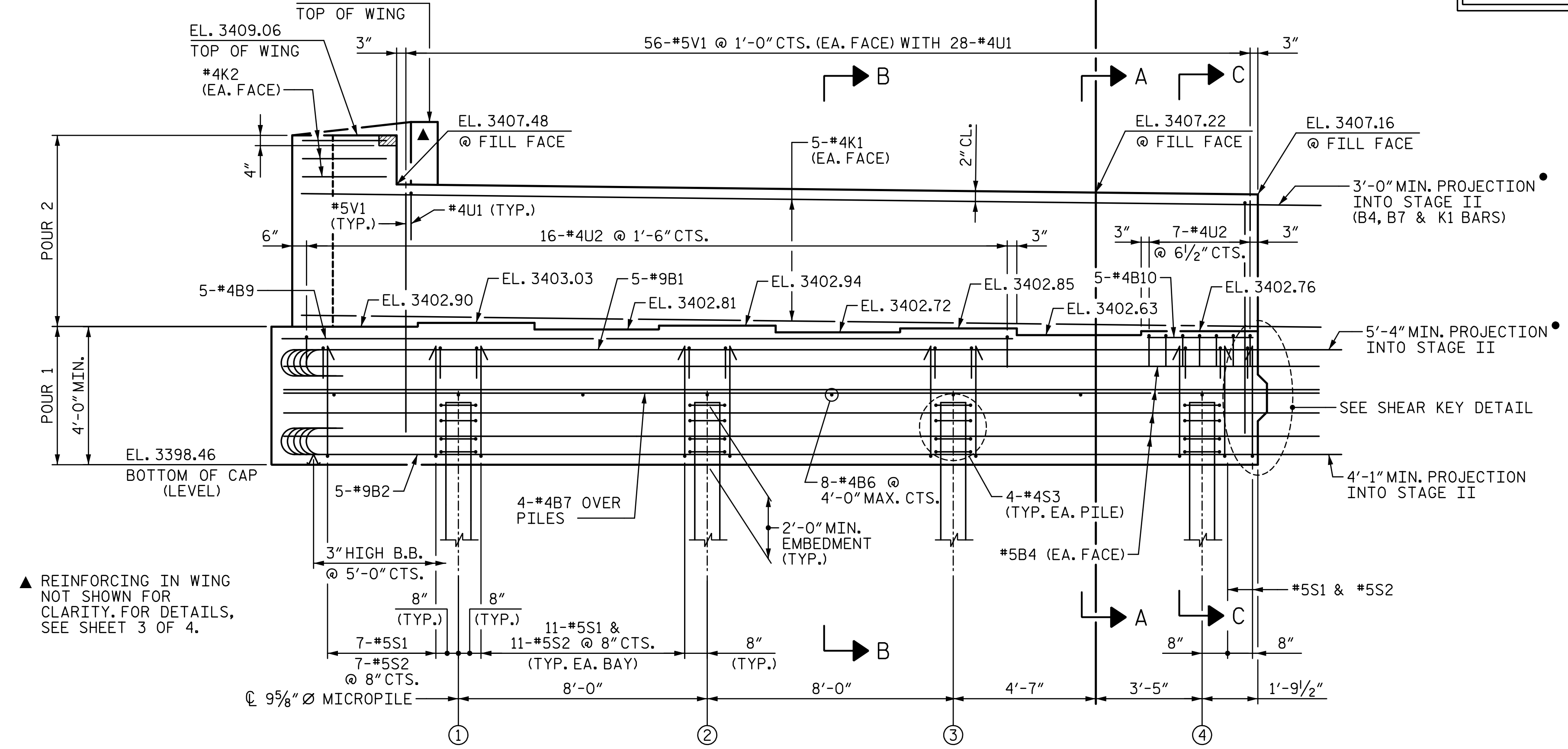


PLAN



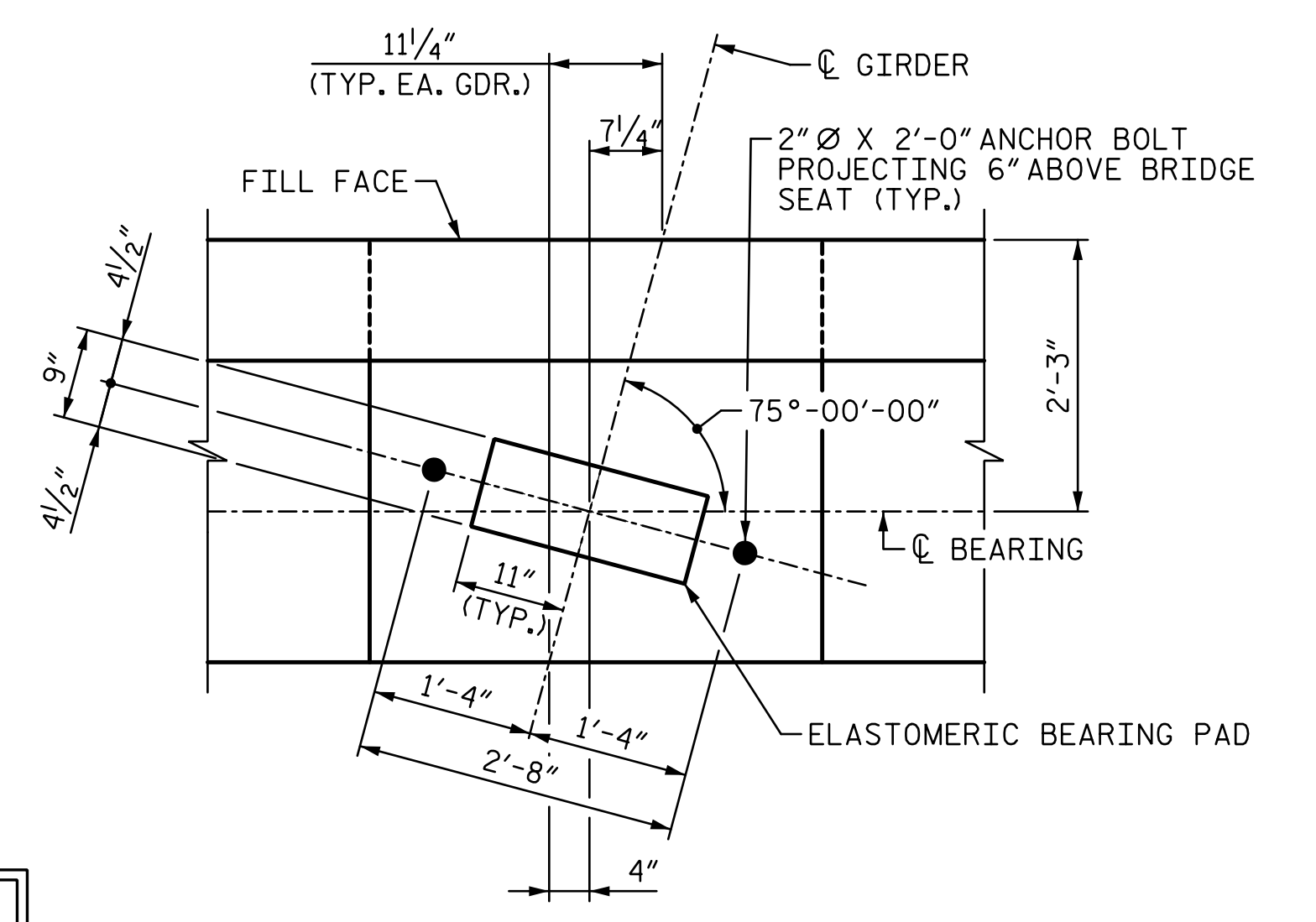
ELEVATION

▲ REINFORCING IN WING NOT SHOWN FOR CLARITY. FOR DETAILS, SEE SHEET 3 OF 4.

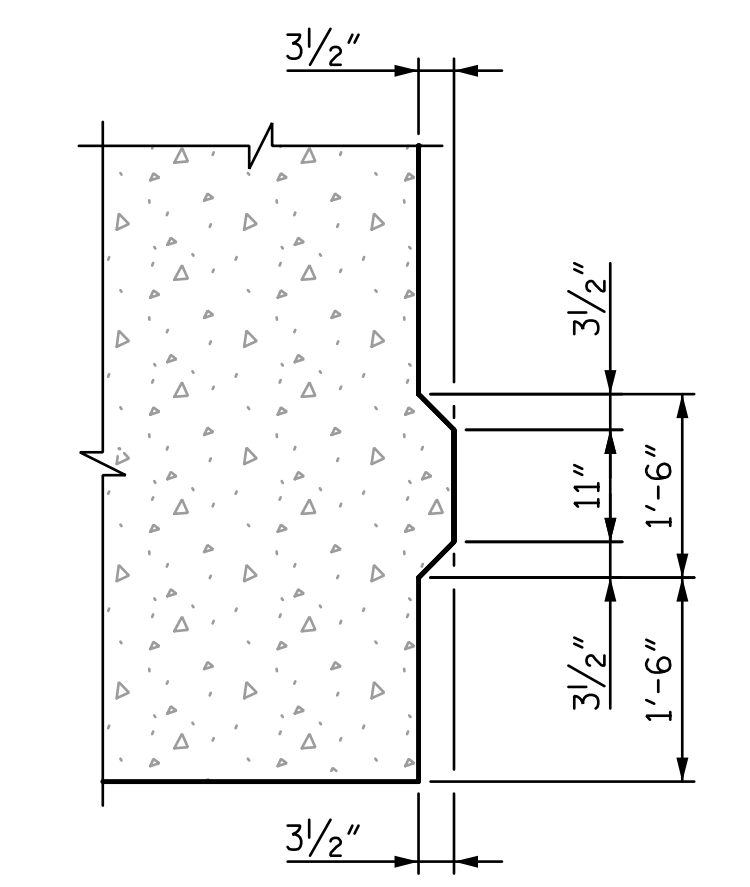
MECHANICAL COUPLERS MAY BE REQUIRED BASED ON TEMPORARY SHORING LOCATION. (SEE NOTES.)

NOTES:

- FOR SECTION A-A, B-B, AND C-C, SEE SHEET 4 OF 4.
- 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 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 OUTSIDE FACE AT THE RATE OF 2%.
- THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.
- MECHANICAL COUPLERS SHALL BE CONSIDERED INCIDENTAL TO REINFORCING STEEL. NO SEPERATE PAYMENT WILL BE MADE.



DETAIL "A"
(TYP. @ EA. BEARING)



SHEAR KEY DETAIL

PROJECT NO. BR-0029
 MACON COUNTY
 STATION: 15+52.07 -L-

SHEET 1 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 END BENT 2
 STAGE I

REVISIONS						SHEET NO. S-27
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 33
2			4			



4235 SOUTH STREAM BLVD.
 SUITE 150,
 CHARLOTTE, NC 28217
 (704) 332-2289

NC LICENSE NO. C-2213
 2/14/2022



DRAWN BY : L. YARBROUGH DATE : 09-2021
 CHECKED BY : V. WU DATE : 10-2021
 DESIGN ENGINEER OF RECORD: VINCENT M. WU DATE : 10-2021

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**