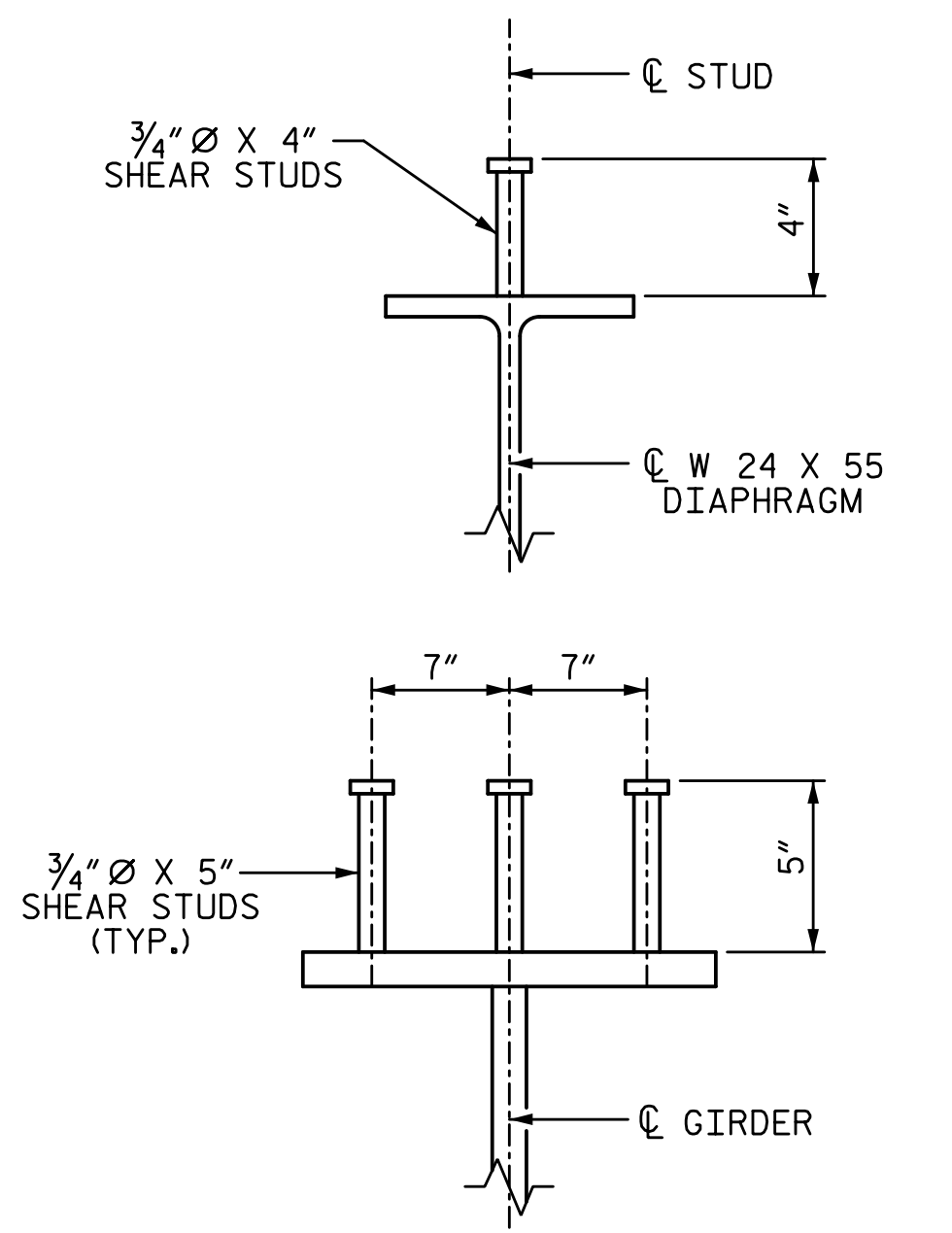


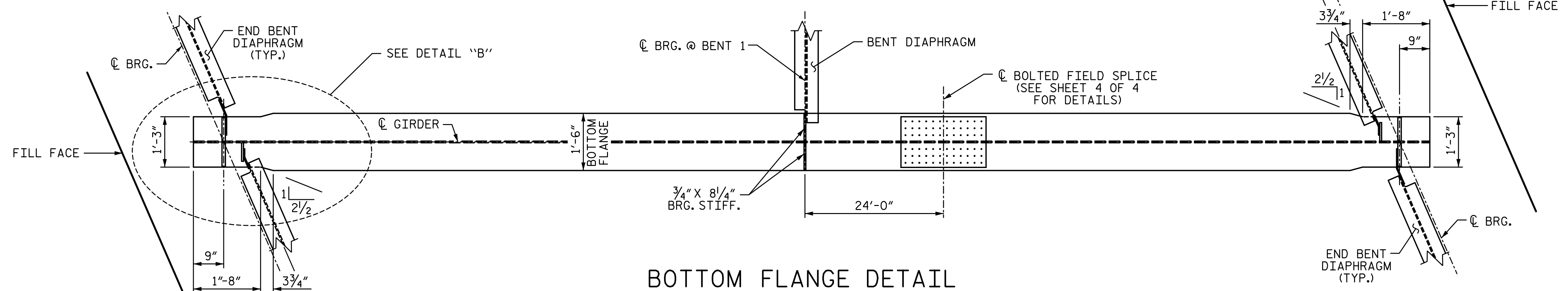
ELEVATION OF GIRDER

INTERMEDIATE STIFFENERS AND CONNECTOR PLATES NOT SHOWN. SEE "FRAMING PLAN" SHEET FOR LOCATIONS.



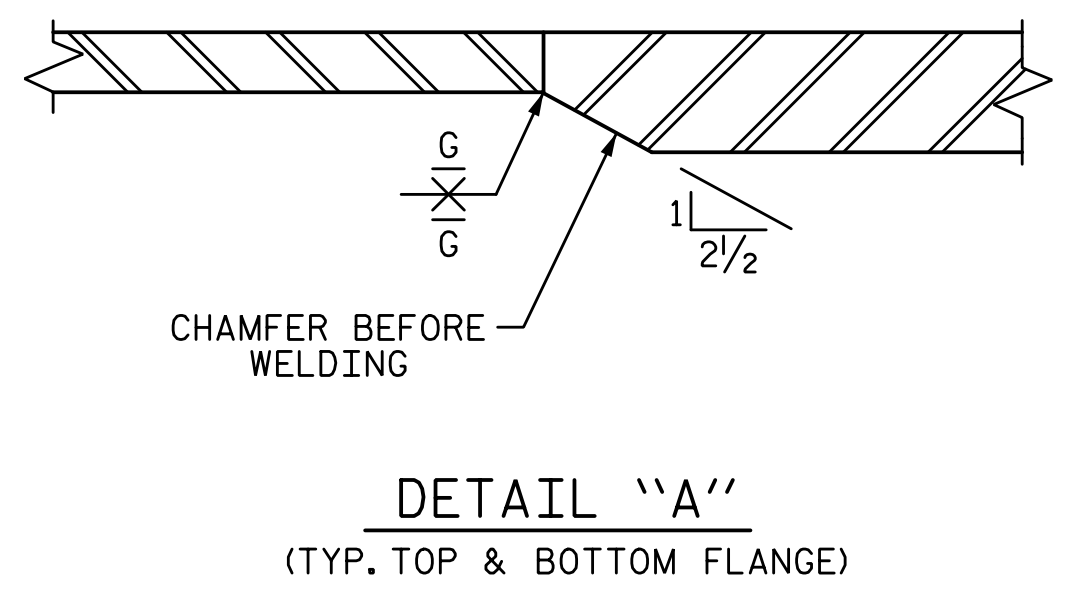
SHEAR STUD DETAILS

(TYPICAL EXCEPT AT TOP FLANGE SPICE PLATE. SEE BOLTED FIELD SPLICE DETAILS FOR SHEAR STUDS IN THIS AREA.)



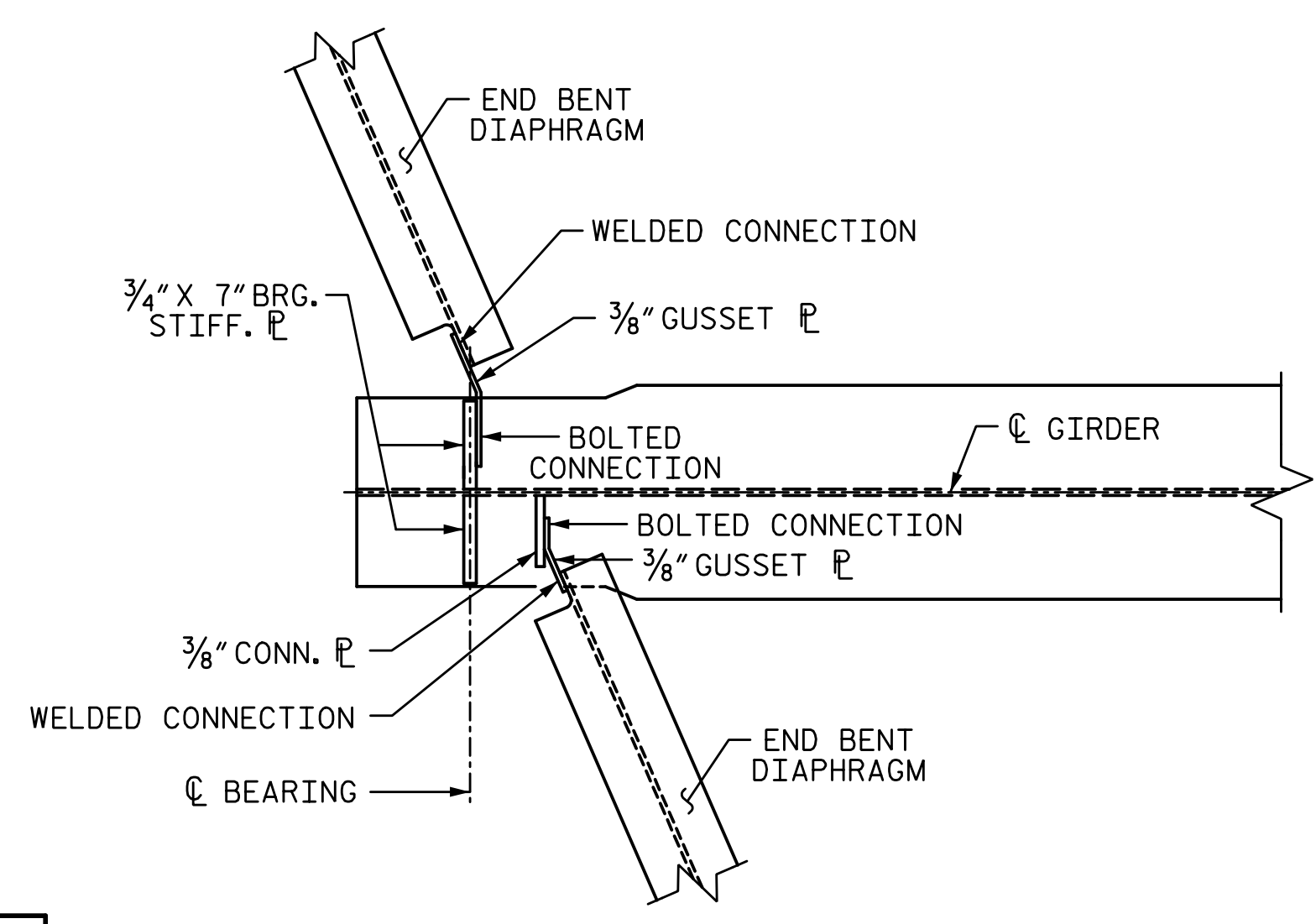
BOTTOM FLANGE DETAIL

INTERMEDIATE STIFFENERS AND CONNECTOR PLATES NOT SHOWN, SEE "SUPERSTRUCTURE FRAMING PLAN" SHEET. DRIP BEAD DETAILS NOT SHOWN, FOR PLACEMENT SEE SHEET 2 OF 4.



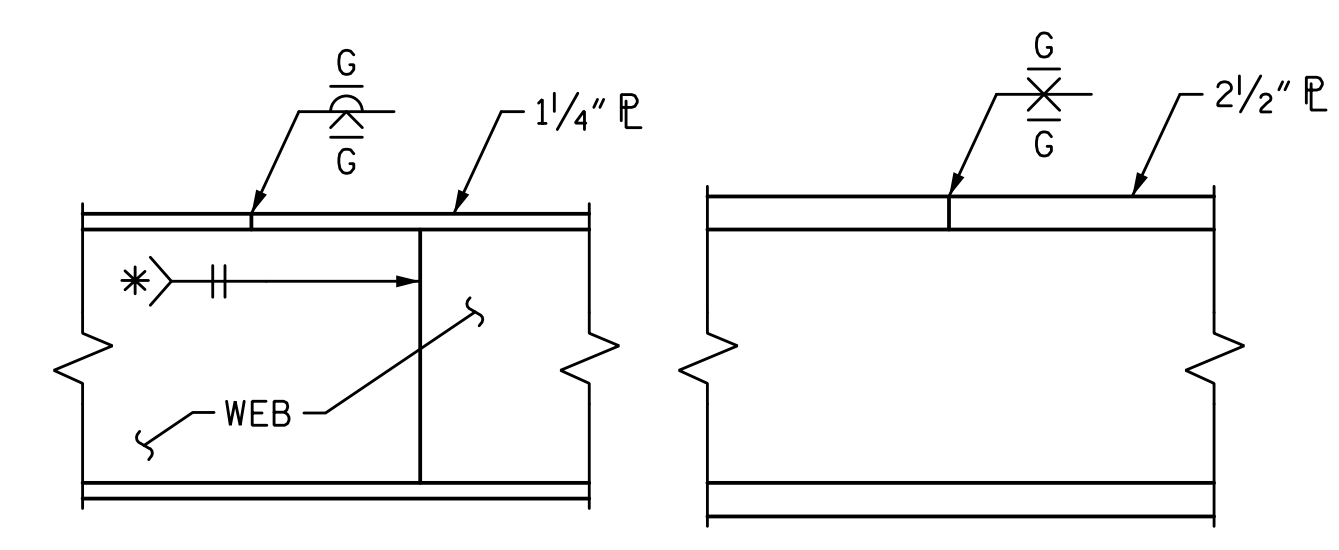
DETAIL "A"

(TYP. TOP & BOTTOM FLANGE)



DETAIL "B"

(SIMILAR EACH END BENT)



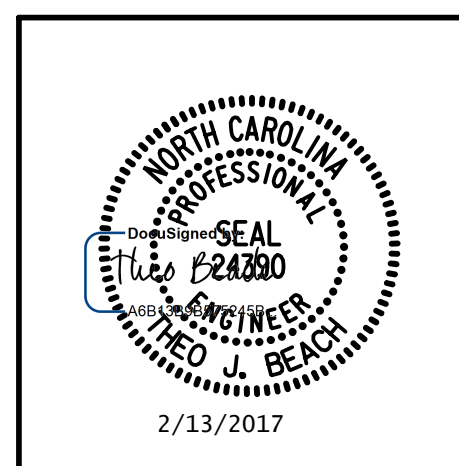
ELEVATION

TYPICAL FLANGE AND WEB BUTT JOINT

* GRIND SMOOTH AND FLUSH ON OUTER FACE OF EXTERIOR GIRDERS

PLANS PREPARED BY:

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 LICENSURE NO. C-2521



PROJECT NO. U-3109A
ALAMANCE COUNTY
 STATION: 26+54.73 -NBL-

SHEET 1 OF 4

| STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH SUPERSTRUCTURE | | | | | |
|--|-----|-------|-----|-----|-------|
| STRUCTURAL STEEL DETAILS | | | | | |
| SHEET NO. S01-12 | | | | | |
| TOTAL SHEETS S01-49 | | | | | |
| REVISIONS | | | | | |
| NO. | BY: | DATE: | NO. | BY: | DATE: |
| 1 | | | 3 | | |
| 2 | | | 4 | | |

2/10/2017 9:09:01 AM G:\Projects\2014\U-3109A\Structures\Site 1-Bridge 434 (NBL)\Drawings\Final\401_U3109A_SML_SS.dgn

| | |
|---------------------------------------|------------|
| DRAWN BY: S. D. COOPER | DATE: 5-15 |
| CHECKED BY: B.S. COX | DATE: 5-15 |
| DESIGN ENGINEER OF RECORD: T.J. BEACH | DATE: 5-15 |