

HALF SECTION - END BENT DIAPHRAGM

HALF SECTION - INTERMEDIATE DIAPHRAGM

TYPICAL SECTION

NOTES

PROVIDE 1 1/4" HIGH BEAM BOLSTERS UPPER AT 4'-0" CTS. ATOP THE METAL STAY-IN-PLACE FORMS TO SUPPORT THE BOTTOM MAT OF 'A' BARS. WHEN USING REMOVABLE FORMS, PROVIDE CONTINUOUS HIGH CHAIRS FOR METAL DECK (C.H.C.M.) @ 4'-0" CTS. WITH A HEIGHT TO SUPPORT THE BOTTOM MAT OF 'A' BARS A CLEAR DISTANCE OF 2 1/2" ABOVE THE TOP OF THE REMOVABLE FORM.

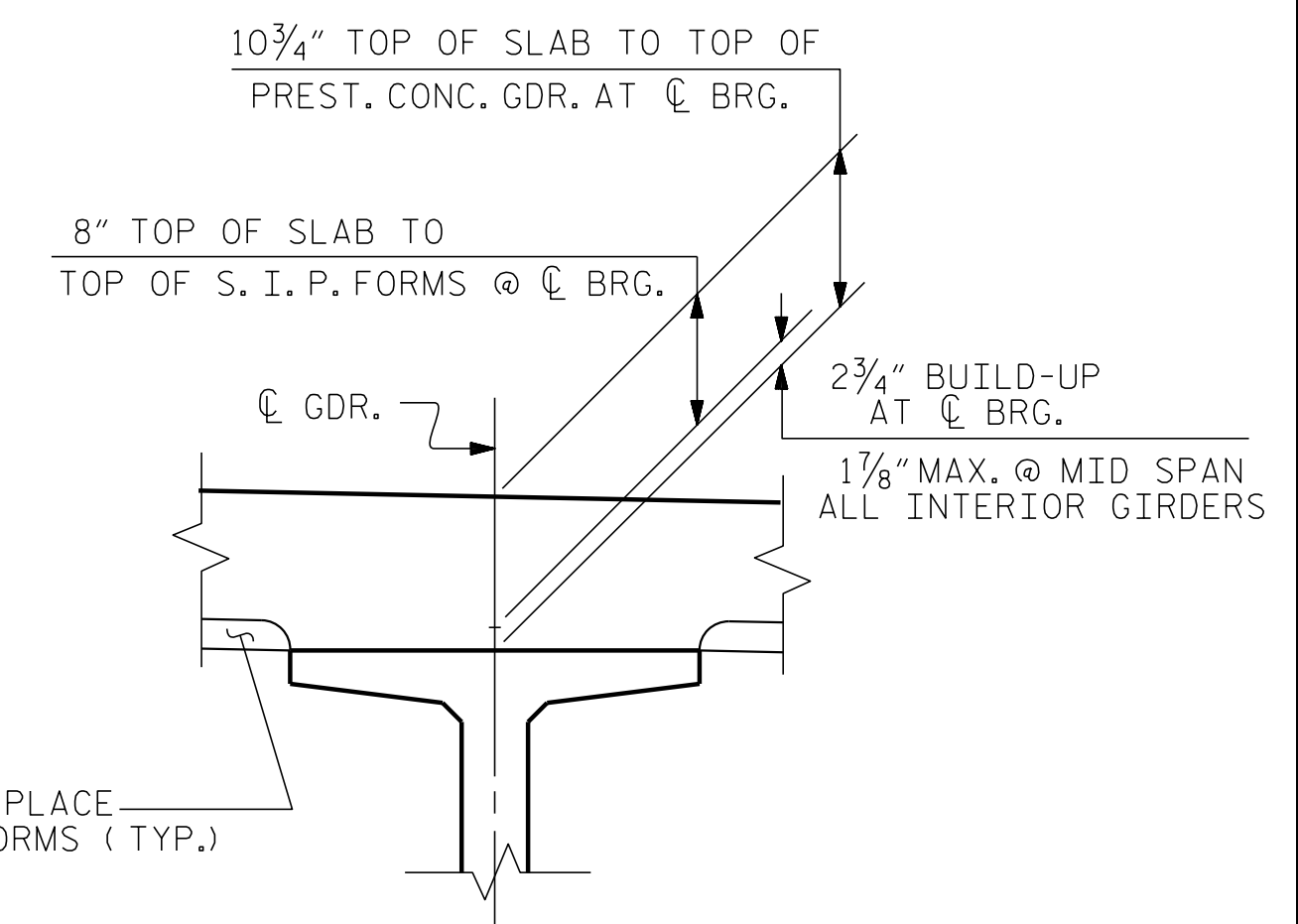
LONGITUDINAL STEEL MAY BE SHIFTED SLIGHTLY, AS NECESSARY, TO AVOID INTERFERENCE WITH STIRRUPS IN PRESTRESSED CONCRETE GIRDERS.

BARRIER RAIL SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

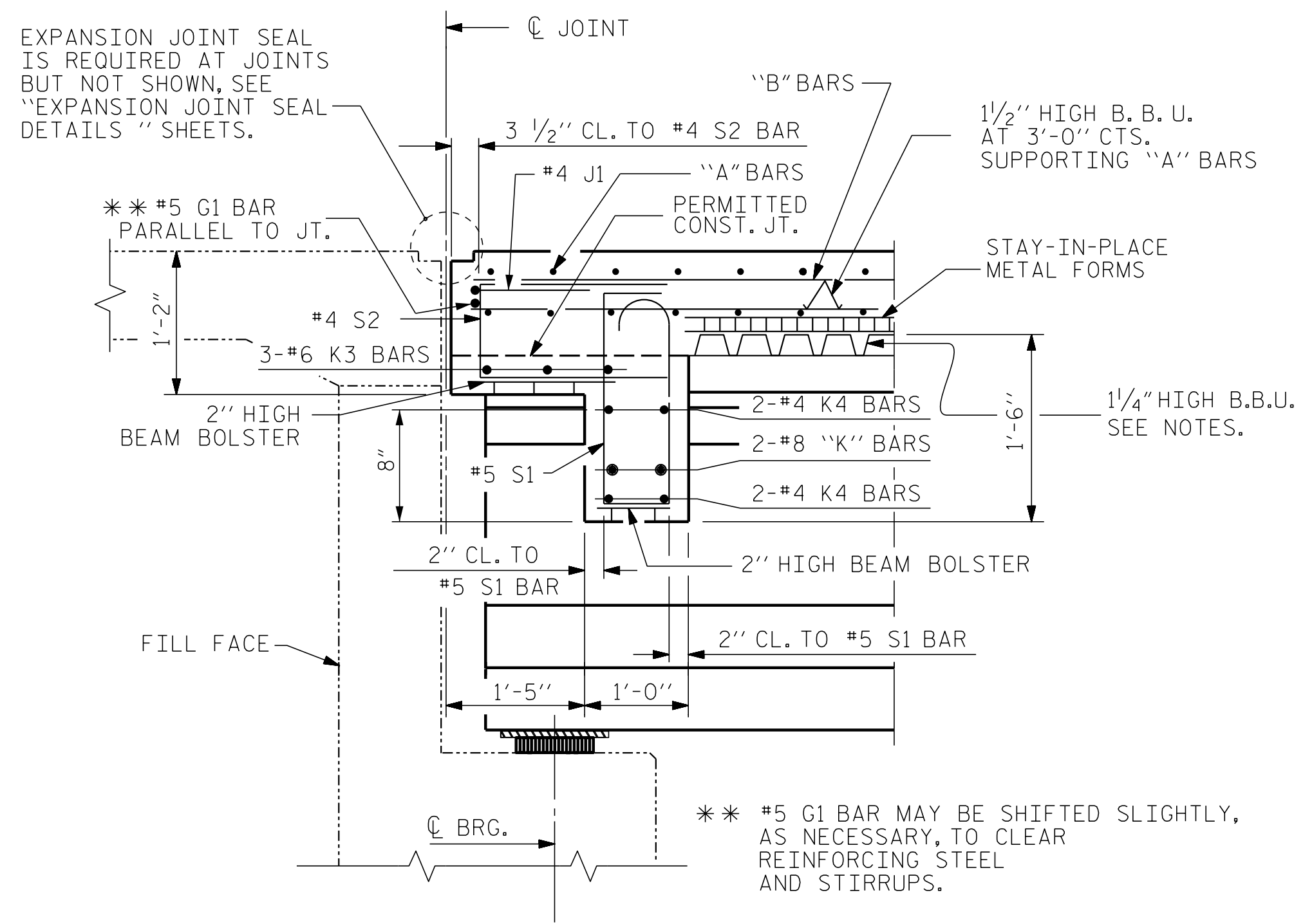
#5 G1 BAR MAY BE SHIFTED SLIGHTLY AS NECESSARY TO CLEAR REINFORCING STEEL AND STIRRUPS.

GIRDERS ARE PARALLEL TO THE LONG CHORD OF -L-.

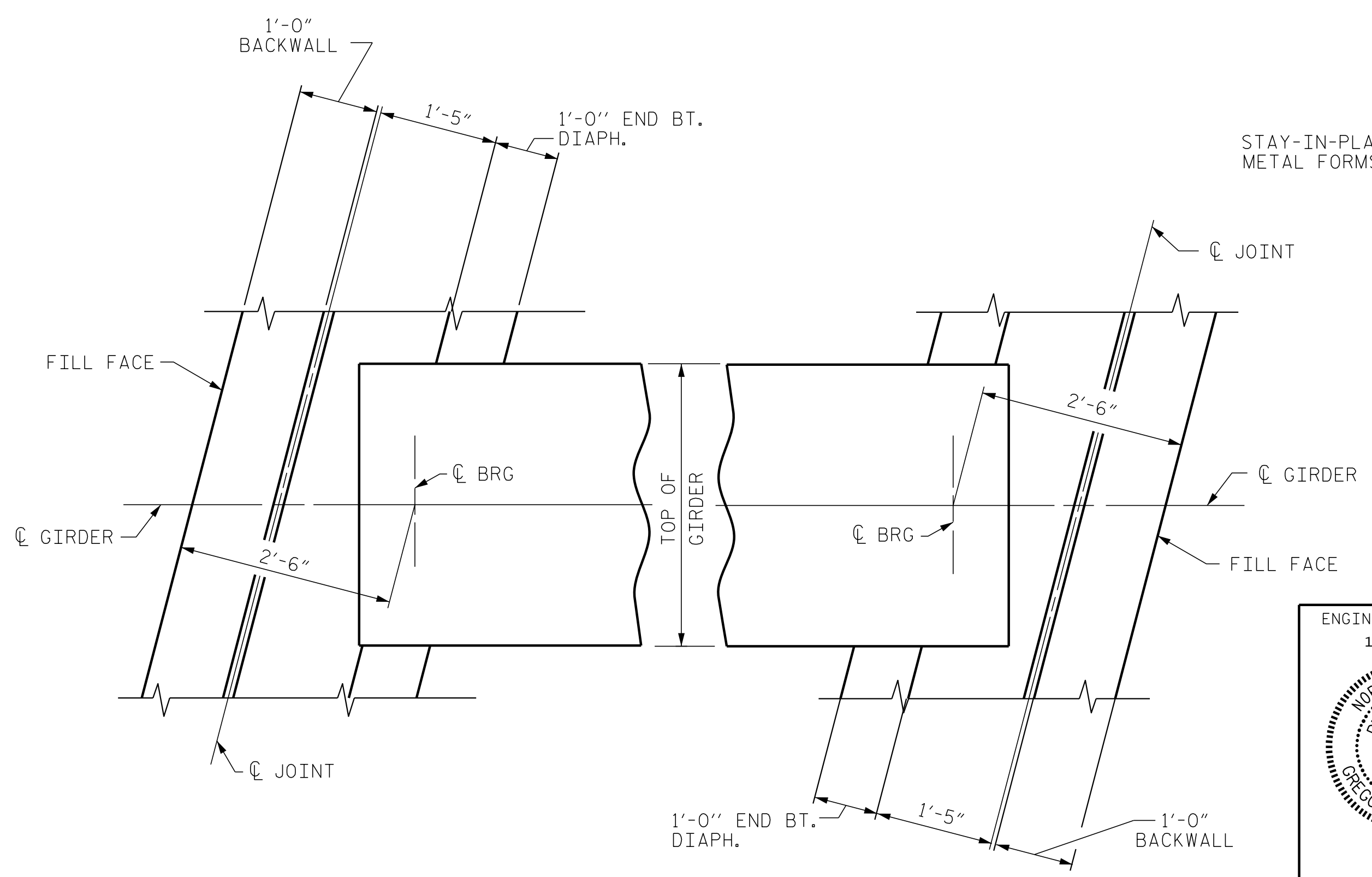
* RADIAL DIMENSION



DETAIL "A"
(TYP. EA. GIRDER)



SECTION THRU END BENT DIAPHRAGM

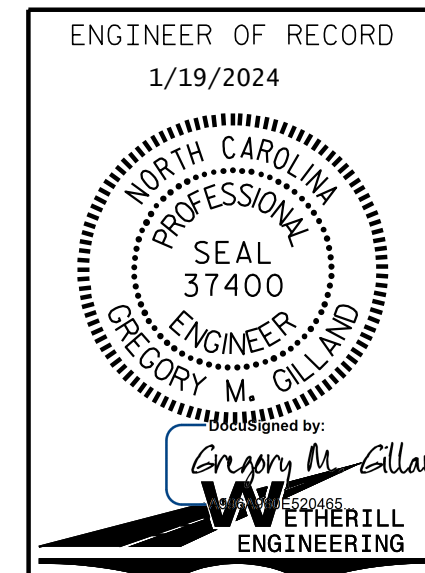


END BENT No. 1 DIAPHRAGM

END BENT No. 2 DIAPHRAGM

PLAN

PROJECT NO. HB-0004
HAYWOOD COUNTY
 STATION: 254+73.75 -L-



ENGINEER OF RECORD
 1/19/2024
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 TYPICAL SECTION
 (RIGHT LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			58
2			4			

DRAWN BY: D. HODGE DATE: 2/23
 CHECKED BY: J. DILWORTH DATE: 9/23

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

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PA-2023-2312401-HB-0004-Structures-DGN-HB-0004 (R) IGH- LANE-VH-B0004-RIGHT-T-5.dgn
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