

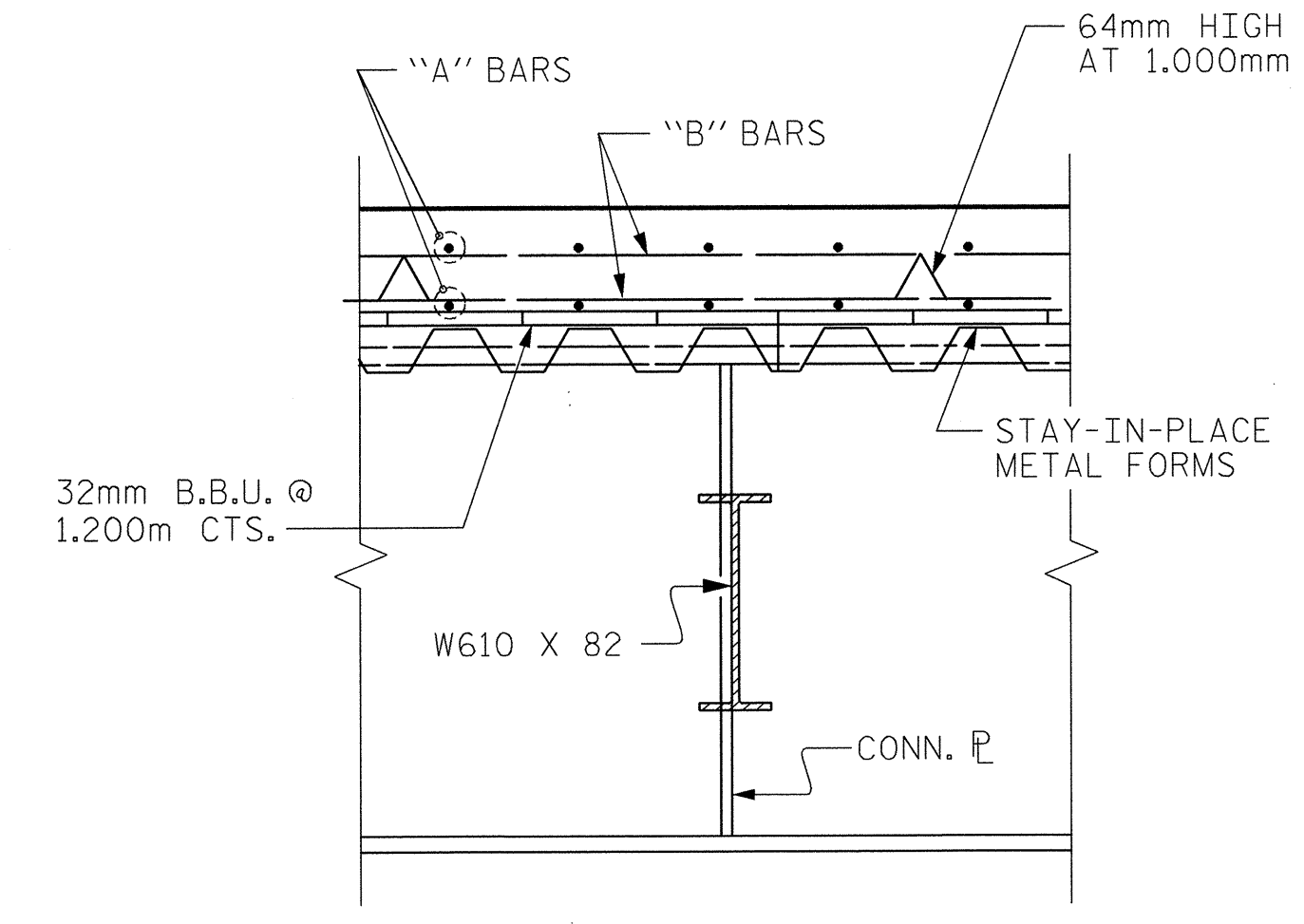
TYPICAL HALF SECTION AT BENTS 1 & 2 DIAPHRAGMS

TYPICAL HALF SECTION AT INTERMEDIATE DIAPHRAGMS

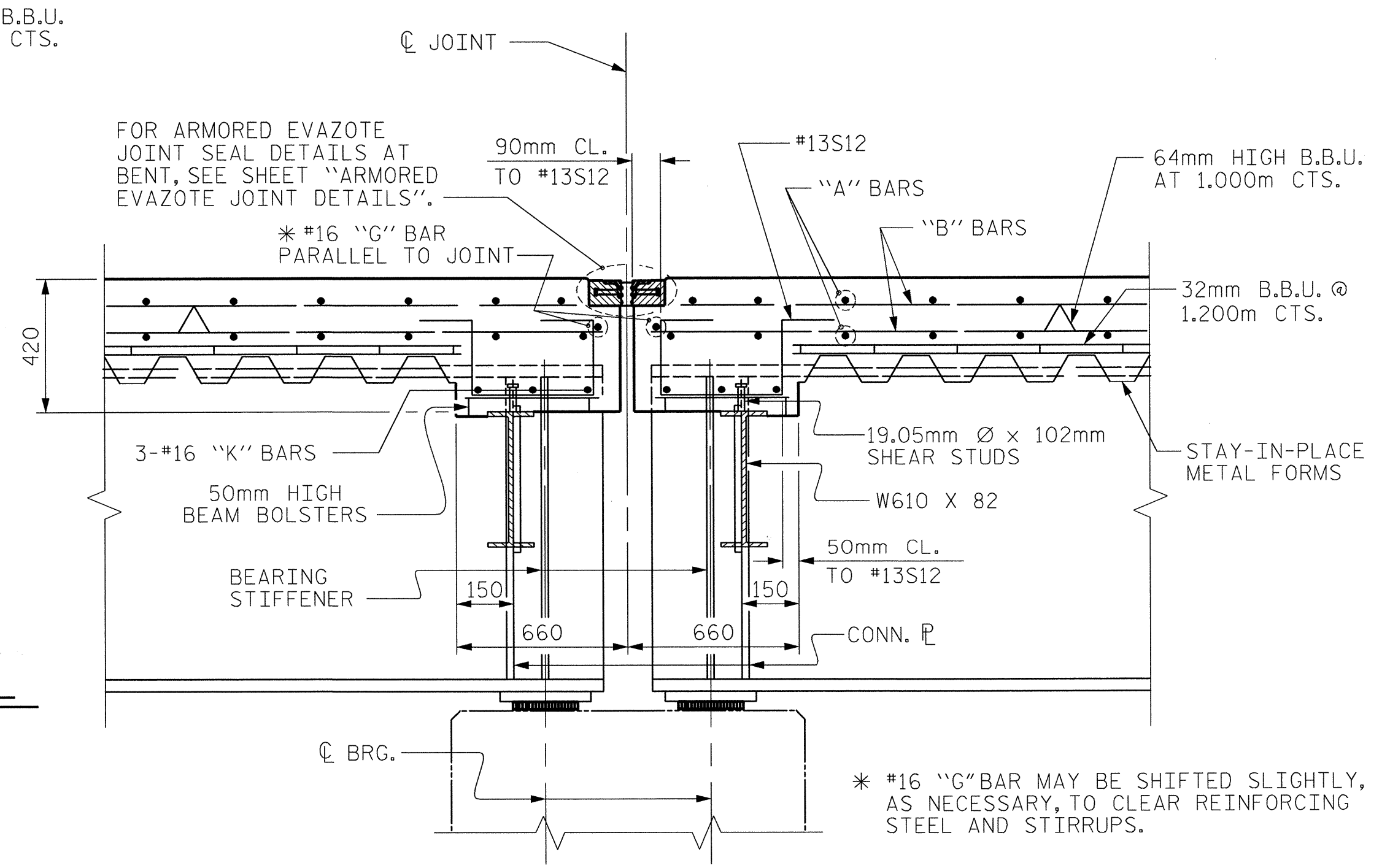
FOR BENT DIAPHRAGM LOCATIONS AND TYPES, SEE "STRUCTURAL STEEL DETAILS (FRAMING PLAN)" SHEET.
 FOR STEEL DIAPHRAGM DETAILS, SEE "STRUCTURAL STEEL DETAILS" SHEETS.

FOR INTERMEDIATE DIAPHRAGM LOCATIONS AND TYPE, SEE "STRUCTURAL STEEL DETAILS (FRAMING PLAN)" SHEET.
 FOR STEEL DIAPHRAGM DETAILS, SEE "STRUCTURAL STEEL DETAILS" SHEETS.

TYPICAL SECTIONS FOR SPAN B



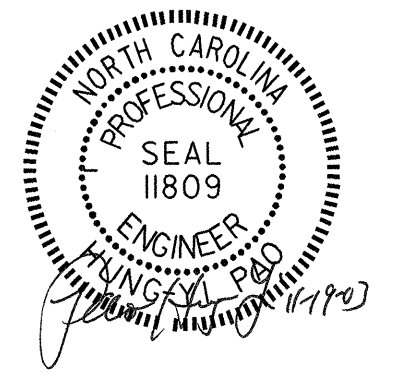
SECTION THRU INTERMEDIATE DIAPHRAGMS
 (REQUIRED ONLY IN SPAN B)



SECTION B-B
 (AT BENTS)

NOTES

- PROVIDE 32mm HIGH BEAM BOLSTERS UPPER AT 1.200m 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.) @ 1.200m CTS. WITH A HEIGHT TO SUPPORT THE BOTTOM MAT OF 'A' BARS A CLEAR DISTANCE OF 65mm ABOVE THE TOP OF THE REMOVABLE FORM.
- BARRIER RAIL IN EACH SPAN SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THAT SPAN HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 20.7 MPa.
- METAL STAY-IN-PLACE FORMS SHALL NOT BE WELDED TO BEAM OR GIRDER FLANGES IN THE ZONES REQUIRING CHАРY V-NOTCH TEST. SEE STRUCTURAL STEEL DETAIL SHEETS.
- THE CONTRACTOR MAY, WHEN NECESSARY, PROPOSE A SCHEME FOR AVOIDING INTERFERENCE BETWEEN METAL STAY-IN-PLACE FORM SUPPORTS OR FORMS AND BEAM/GIRDER STIFFENERS OR CONNECTOR PLATES. THE PROPOSAL SHALL BE INDICATED, AS APPROPRIATE, ON EITHER THE STEEL WORKING DRAWINGS OR THE METAL STAY-IN-PLACE FORM WORKING DRAWINGS.



PROJECT NO. R-2610A
 CHATHAM COUNTY
 STATION: 27+85.488 -L-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 TYPICAL SECTION
 (LEFT LANE BRIDGE)

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DRAWN BY: M. J. OSTRISHKO DATE: 3-03
 CHECKED BY: S. R. BEABES DATE: 7-03

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	5-45
1			3			TOTAL SHEETS
2			4			82

STR. #2