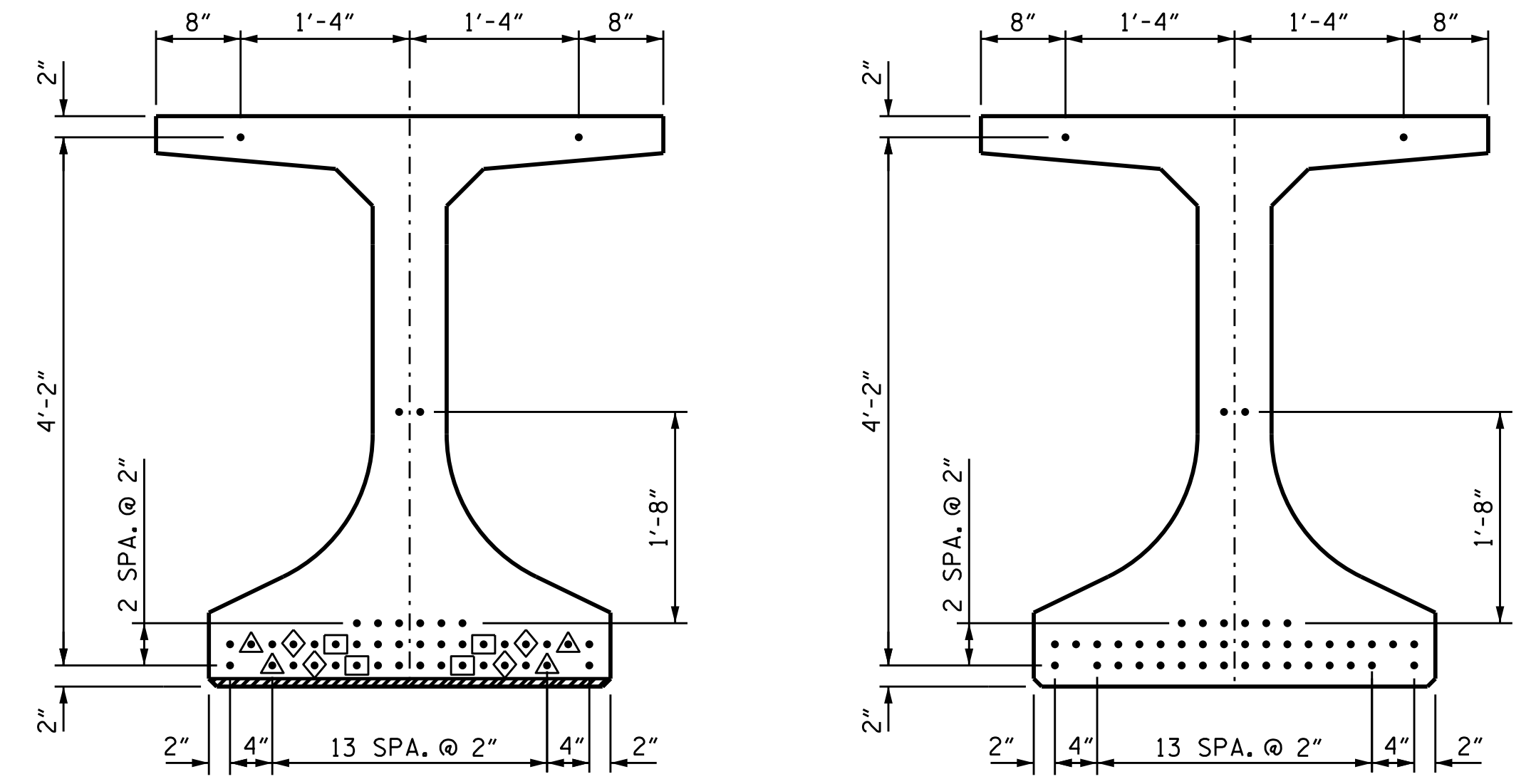
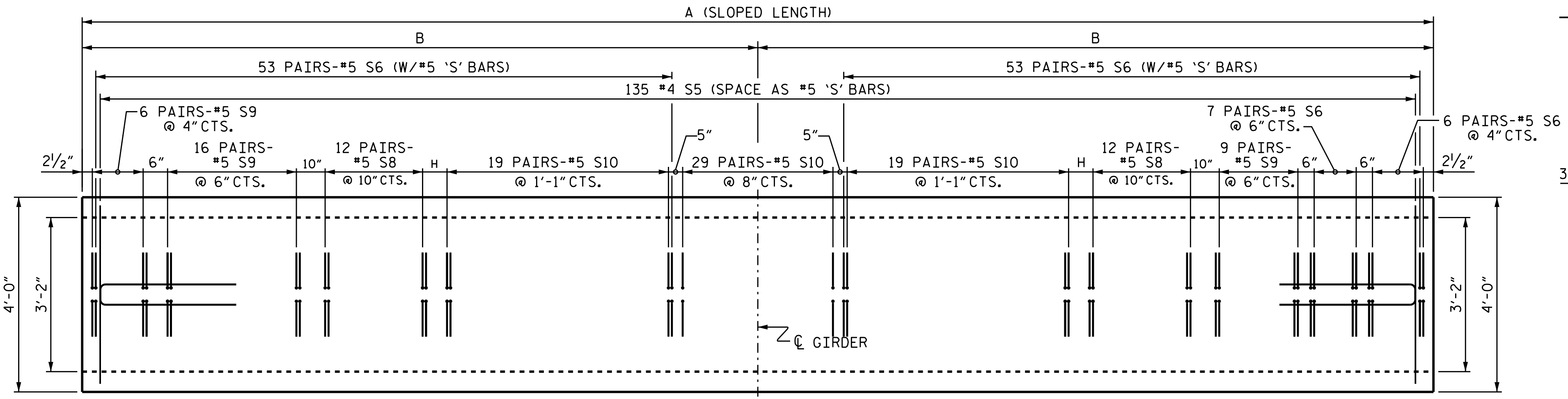


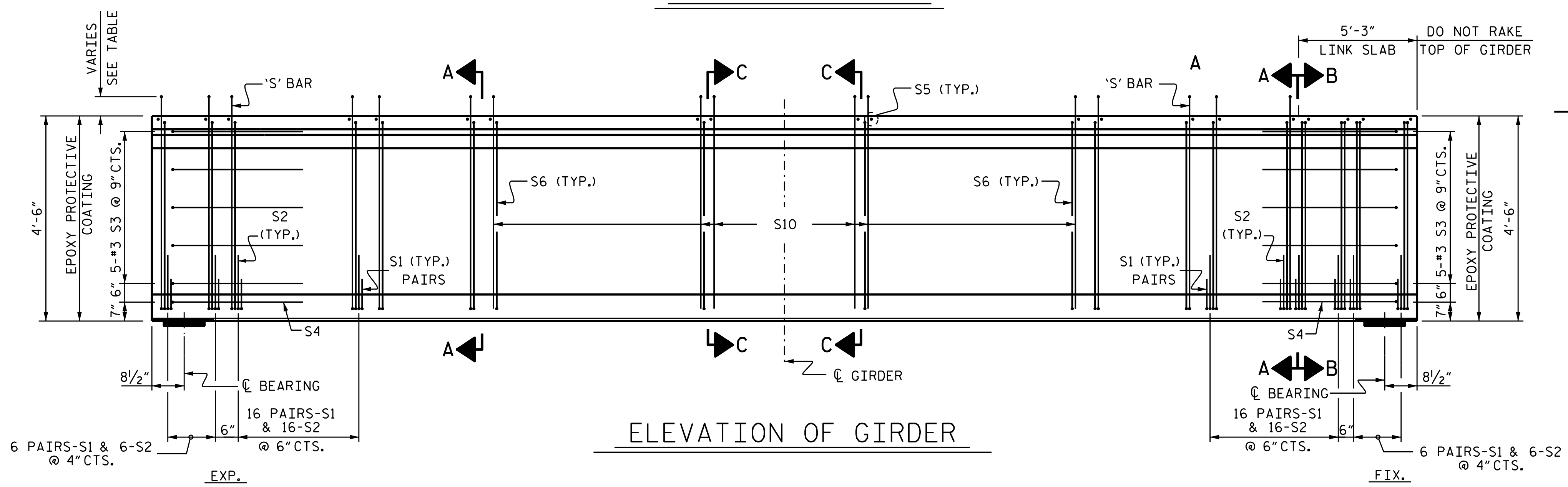
- DEBONDING LEGEND**
- FULLY BONDED STRANDS
 - ▲ STRANDS DEBONDED FOR 6'-0" FROM END OF GIRDER
 - ◆ STRANDS DEBONDED FOR 8'-0" FROM END OF GIRDER
 - STRANDS DEBONDED FOR 10'-0" FROM END OF GIRDER



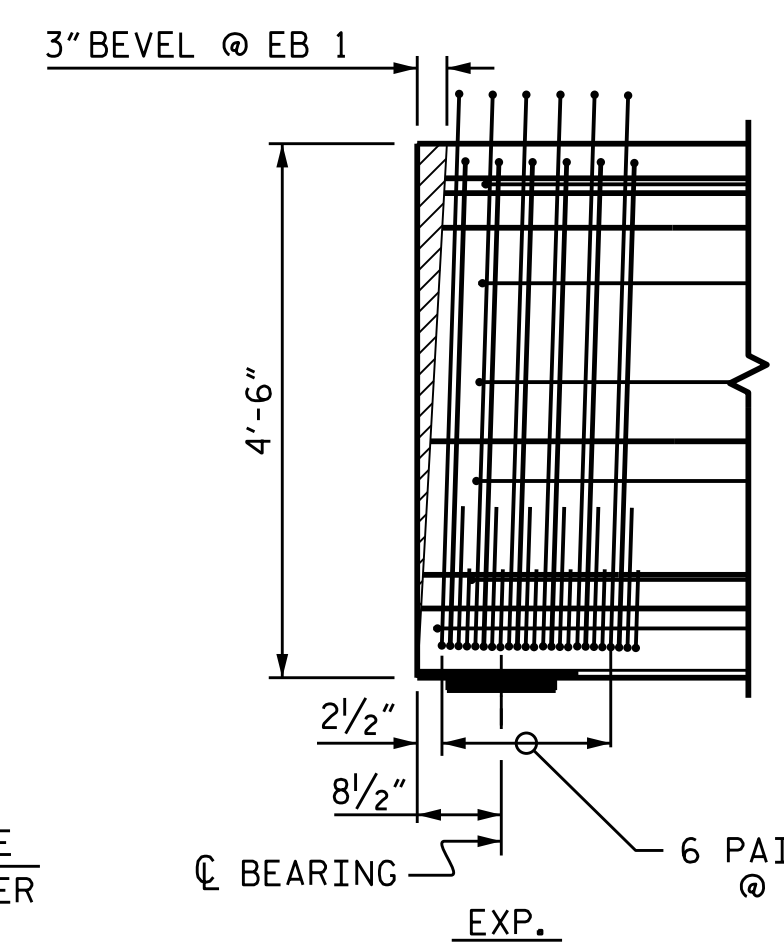
0.6" Ø CFRP STRAND LAYOUT



PLAN OF GIRDER



ELEVATION OF GIRDER



BEVEL @ END BENT

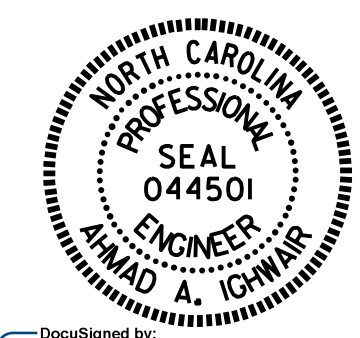
(SPAN A GIRDERS)
 WHEN END BEVEL IS REQUIRED, ROTATE END 'S' BARS SUCH THAT THEY ARE PLACED PARALLEL TO THE END BEVEL.
 DIMENSIONS ARE TAKEN FROM BOTTOM OF GIRDER FOR BEVELS ENDS.

GIRDER	A	B	H	C.Y.	8,000 PSI CONCRETE
A1	99'-7 3/4"	49'-9 7/8"	8 3/8"	23.9	
A2	99'-5 1/2"	49'-8 3/4"	7 1/4"	23.9	
A3	99'-3 1/8"	49'-7 7/16"	6 1/16"	23.8	
A4	99'-0 3/4"	49'-6 3/8"	4 7/8"	23.8	
C1	99'-11 1/2"	49'-11 3/4"	10 1/4"	24.0	
C2	99'-10 5/8"	49'-11 5/16"	9 3/16"	24.0	
C3	99'-9 5/8"	49'-10 3/16"	9 5/8"	23.9	
C4	99'-8 5/8"	49'-10 5/16"	8 3/16"	23.9	

BAR	PROJECTION
S8	7"
S9	8"
S10	6"

PROJECT NO. B-4863
 CARTERET COUNTY
 STATION: 34+75.00 -L-

SHEET 1 OF 17



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 54" CFRP F.I.B.
 PRESTRESSED CONCRETE GIRDER
 (GFRP STIRRUP OPTION)
 SPANS A & C

DRAWN BY: B.N.BARODAWALA DATE: 01-20
 CHECKED BY: A. A. IGHWAIR DATE: 01-20
 DESIGN ENGINEER OF RECORD: A. A. IGHWAIR DATE: 01-20

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

TOTAL SHEETS: 194