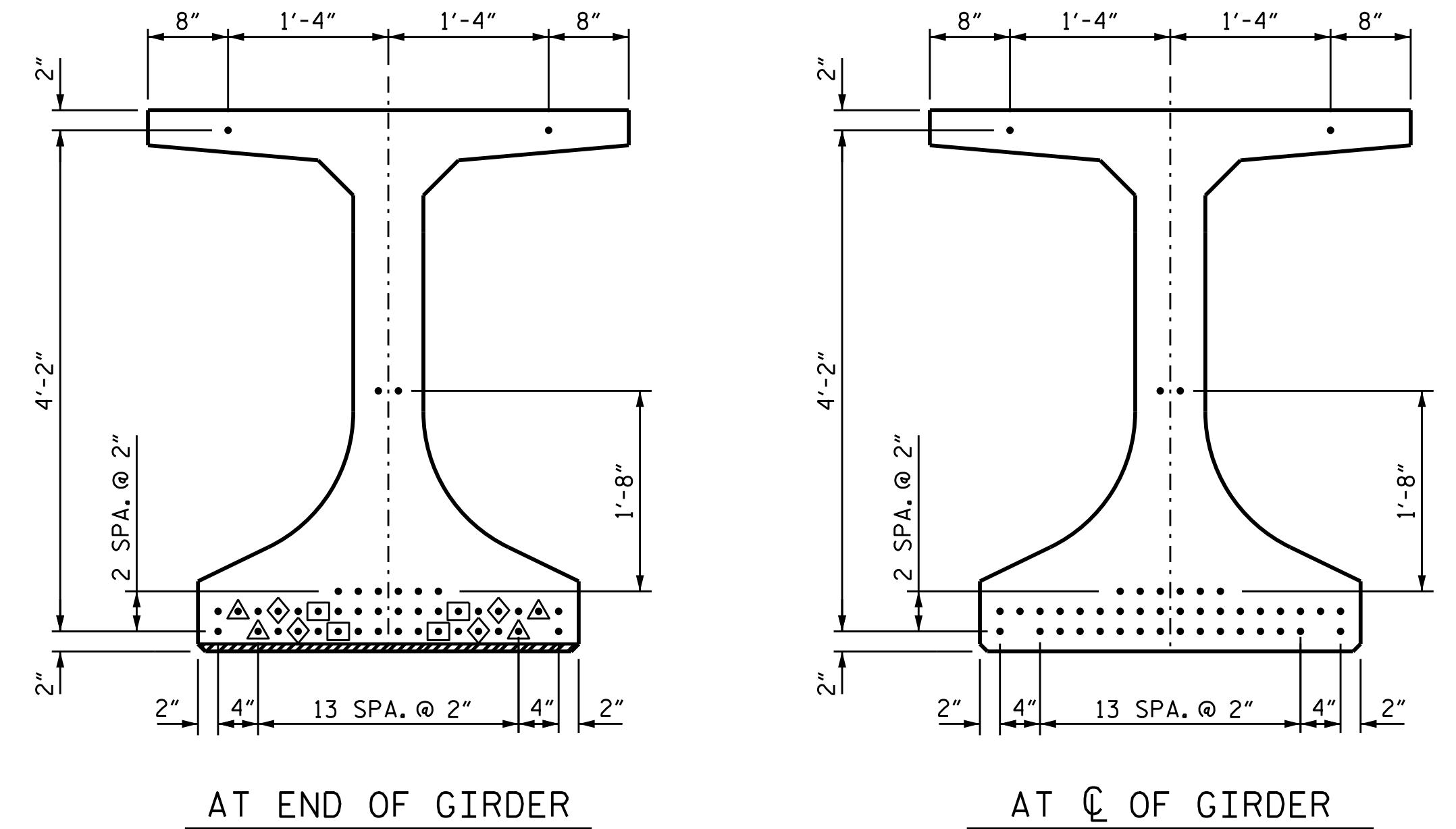


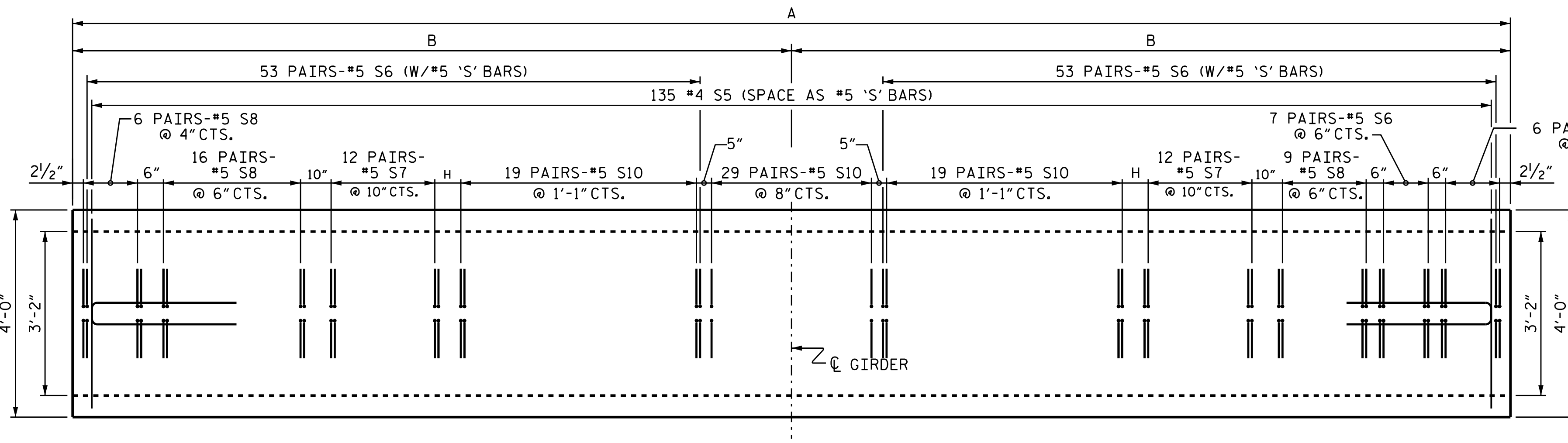
- DEBONDING LEGEND**
- FULLY BONDED STRANDS
  - ▲ STRANDS DEBONDED FOR 6'-0" FROM END OF GIRDER
  - ◆ STRANDS DEBONDED FOR 8'-0" FROM END OF GIRDER
  - STRANDS DEBONDED FOR 10'-0" FROM END OF GIRDER



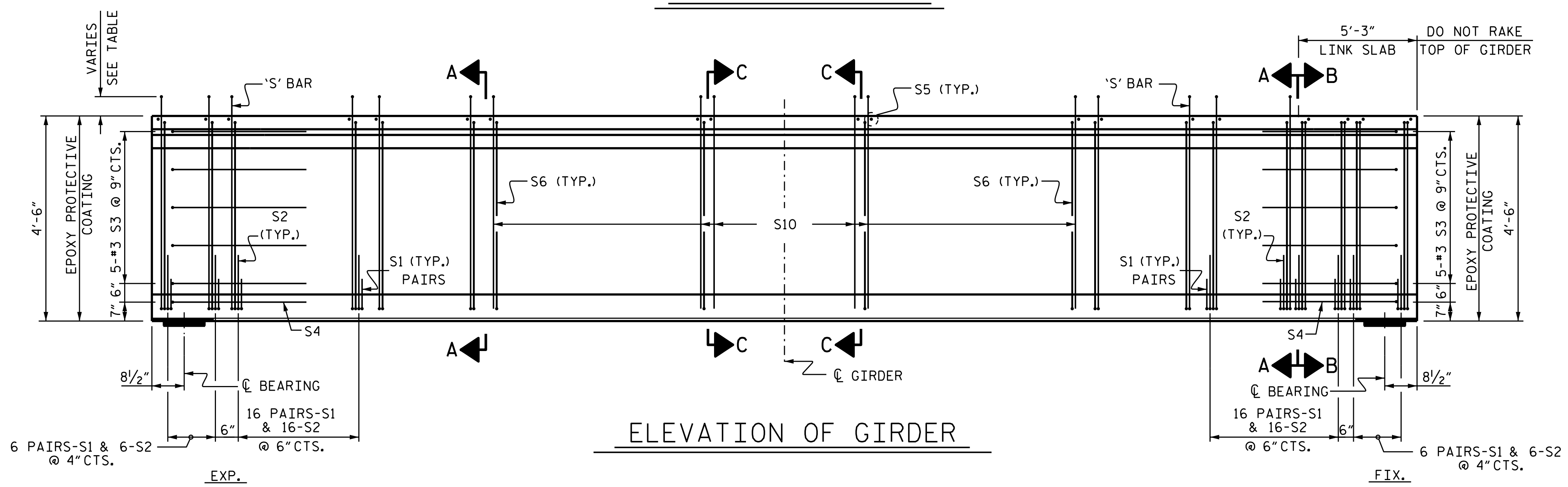
**0.6" Ø CFRP STRAND LAYOUT**

GIRDER	A	B	H	8,000 PSI CONCRETE	
				C.Y.	
R1, T1, W1	99'-4 <sup>7</sup> / <sub>8</sub> "	49'-8 <sup>7</sup> / <sub>16</sub> "	6 <sup>15</sup> / <sub>16</sub> "	23.8	
R2, T2, W2	99'-6 <sup>7</sup> / <sub>8</sub> "	49'-9 <sup>7</sup> / <sub>16</sub> "	7 <sup>15</sup> / <sub>16</sub> "	23.9	
R3, T3, W3	99'-9"	49'-10 <sup>1</sup> / <sub>2</sub> "	9"	23.9	
R4, T4, W4	99'-11 <sup>7</sup> / <sub>8</sub> "	49'-11 <sup>9</sup> / <sub>16</sub> "	10 <sup>1</sup> / <sub>16</sub> "	24.0	
U1	99'-1 <sup>7</sup> / <sub>8</sub> "	49'-6 <sup>15</sup> / <sub>16</sub> "	5 <sup>7</sup> / <sub>16</sub> "	23.8	
U2	99'-3 <sup>7</sup> / <sub>8</sub> "	49'-7 <sup>15</sup> / <sub>16</sub> "	6 <sup>7</sup> / <sub>16</sub> "	23.8	
U3	99'-6"	49'-9"	7 <sup>1</sup> / <sub>2</sub> "	23.9	
U4	99'-8 <sup>7</sup> / <sub>8</sub> "	49'-10 <sup>1</sup> / <sub>16</sub> "	8 <sup>9</sup> / <sub>16</sub> "	23.9	

BAR	PROJECTION
S7	6"
S8	7"
S10	6"



**PLAN OF GIRDER**



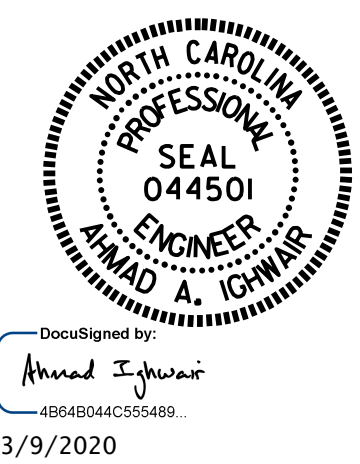
**ELEVATION OF GIRDER**

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

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

SHEET 3 OF 17



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH						SHEET NO.
SUPERSTRUCTURE						S1-080
54" CFRP F.I.B. PRESTRESSED CONCRETE GIRDER (GFRP STIRRUP OPTION)						
SPANS R, T, U & W						TOTAL SHEETS 194
REVISIONS						
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			