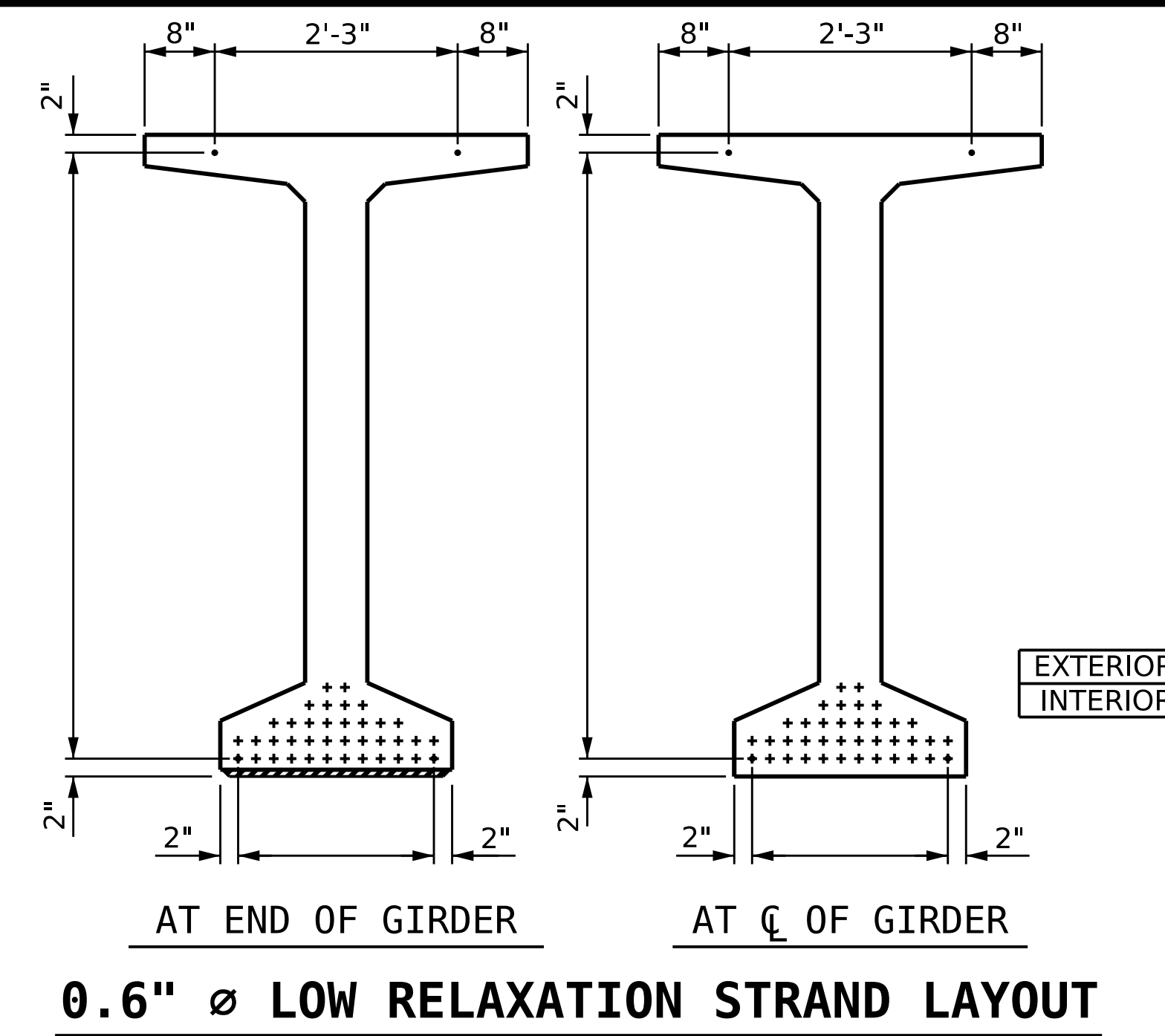


1 1/2" Ø FORMED HOLE. SEE ELEVATION FOR LOCATION. FOR DIM. "A", "B" & "C" SEE "INTERMEDIATE STEEL DIAPHRAGMS" SHEET.)

DEBONDING LEGEND

- FULLY BONDED STRANDS
- ◻ STRANDS DEBONDED FOR 4'-0" FROM END OF GIRDER
- ◻ 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
- ◻ STRANDS DEBONDED FOR 12'-0" FROM END OF GIRDER

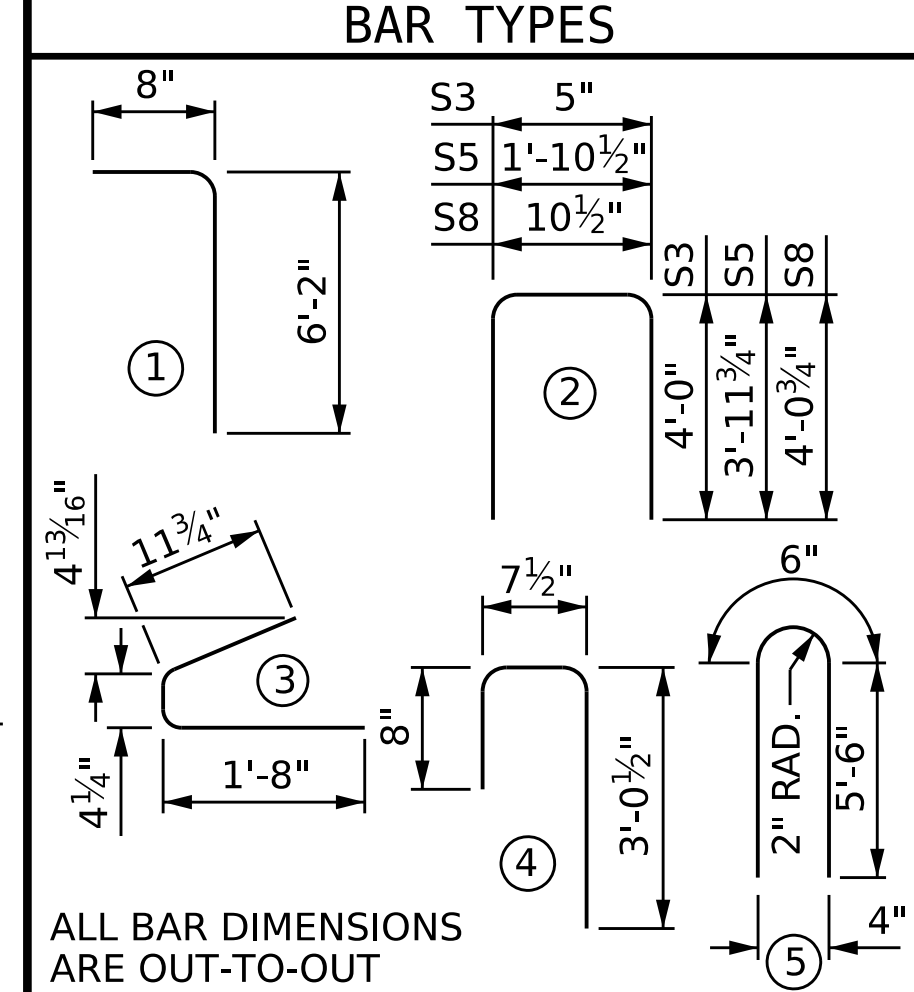


0.6" Ø L.R. GRADE 270 STRANDS

AREA (SQ. INCHES)	ULTIMATE STRENGTH (LBS. PER STRAND)	APPLIED PRESTRESS (LBS. PER STRAND)
0.217	58,600	43,950

REINFORCING STEEL FOR ONE GDR

BAR NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S1	#4	1	6'-10"	
S2	#5	1	6'-10"	86
S3	#4	2	8'-5"	79
S4	#4	3	3'-0"	168
S5	#5	2	9'-10"	21
S6	#5	4	4'-4"	
S8	#5	2	9'-0"	19
S9	#5	STR	3'-3"	
S11	#5	5	11'-6"	
S12	#4	STR	8'-0"	
S	#4	STR		

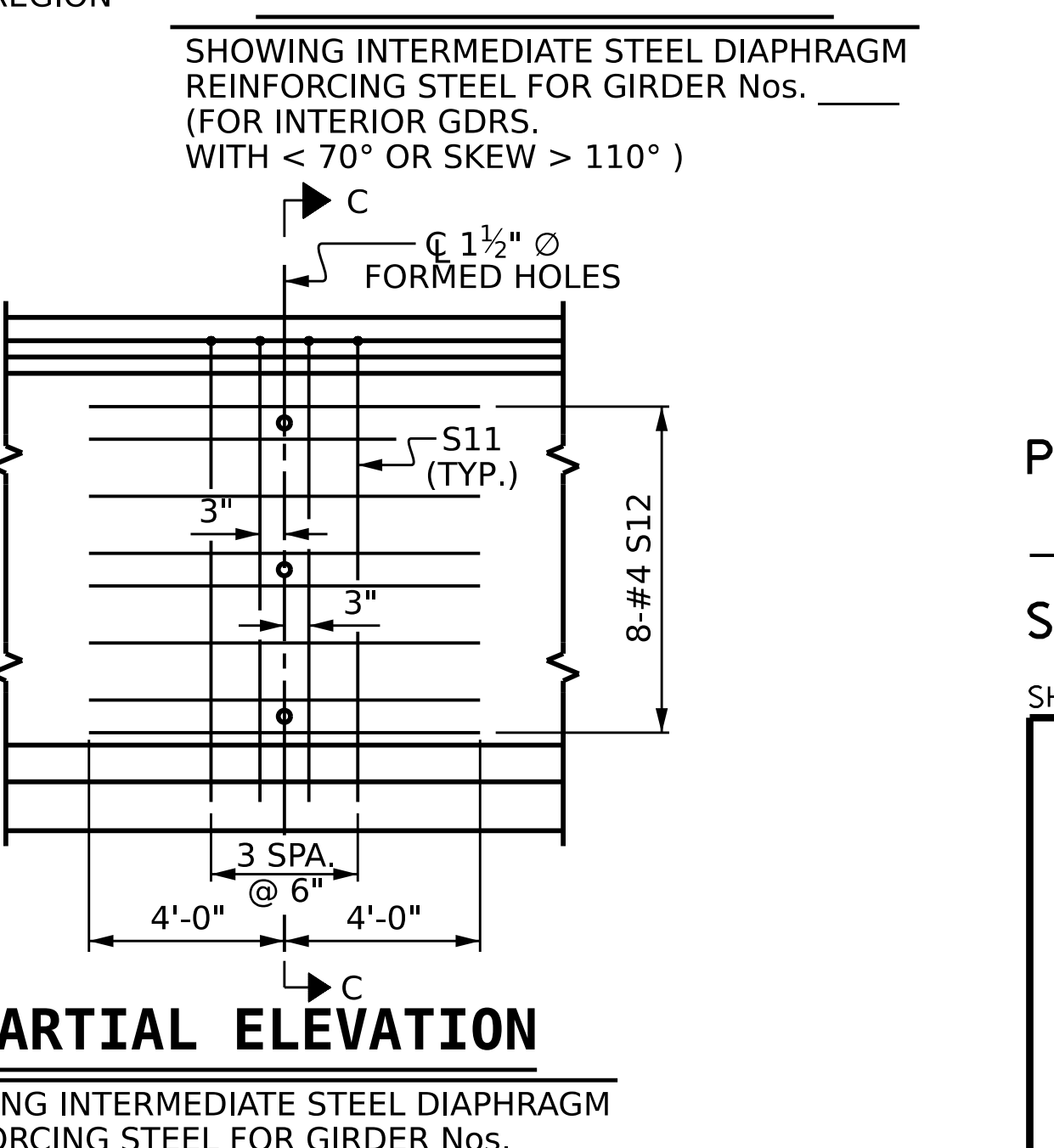
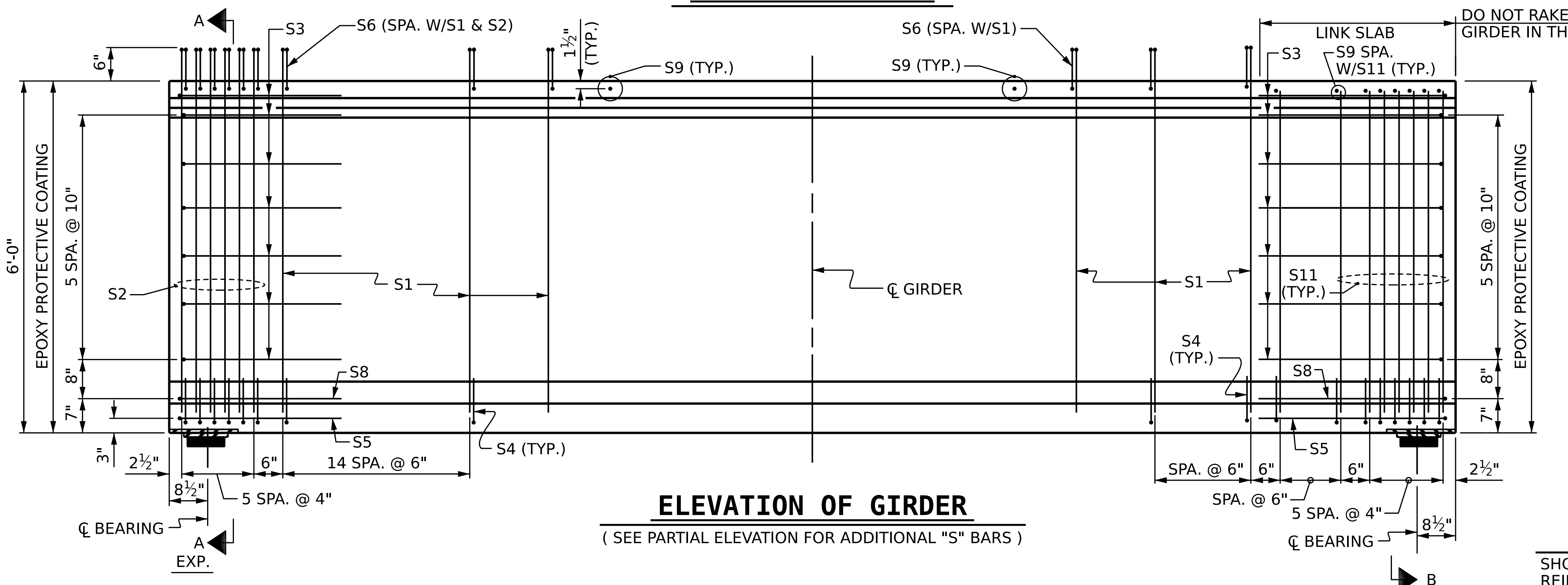
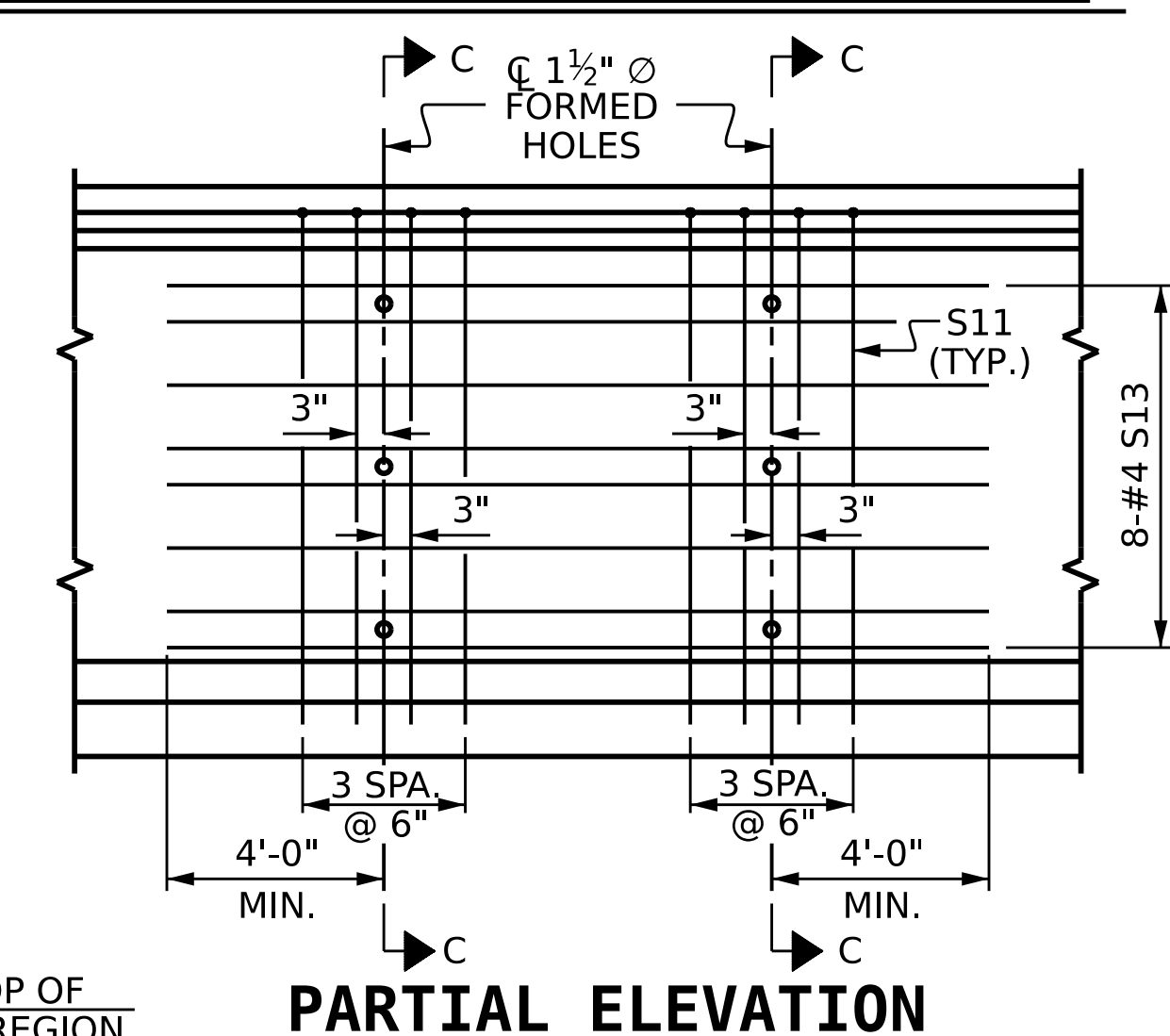
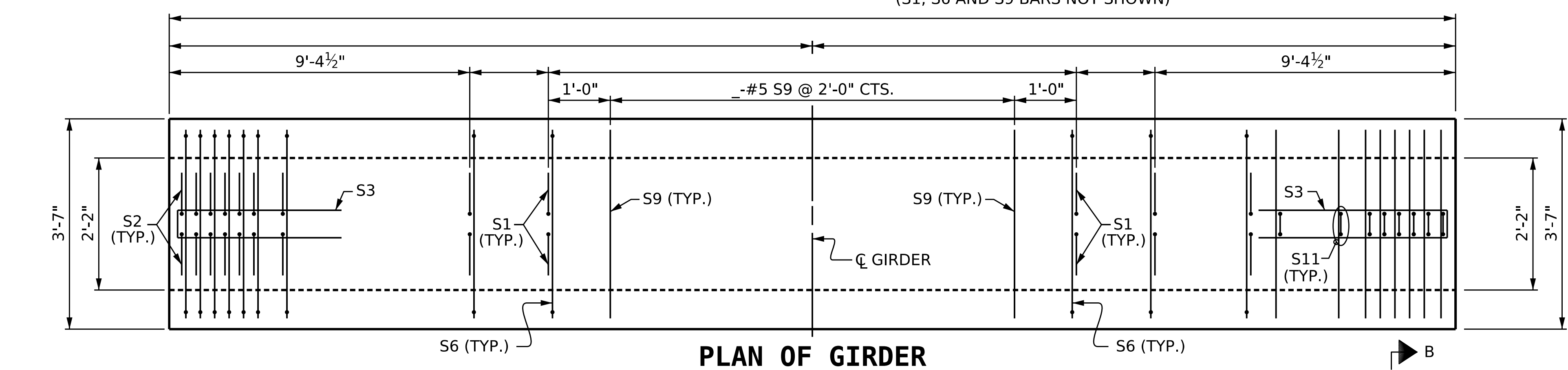


QUANTITIES FOR ONE GIRDER

GIRDERS	REINFORCING STEEL LB.	PSI	0.6" Ø L.R. STRANDS
		CONCRETE C.Y.	No.
INTERIOR			
EXTERIOR			

GIRDERS REQUIRED

NUMBER	LENGTH	TOTAL LENGTH



PROJECT NO. _____
COUNTY _____
STATION: _____
SHEET OF _____

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**STANDARD
72" PRESTRESSED
CONCRETE
MODIFIED BULB TEE
LINK SLAB**

REVISIONS

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

SHEET NO. _____
TOTAL SHEETS _____

ASSEMBLED BY : _____ DATE : _____
CHECKED BY : _____ DATE : _____
DRAWN BY : BNB 09/21
CHECKED BY : AAI 09/21

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED