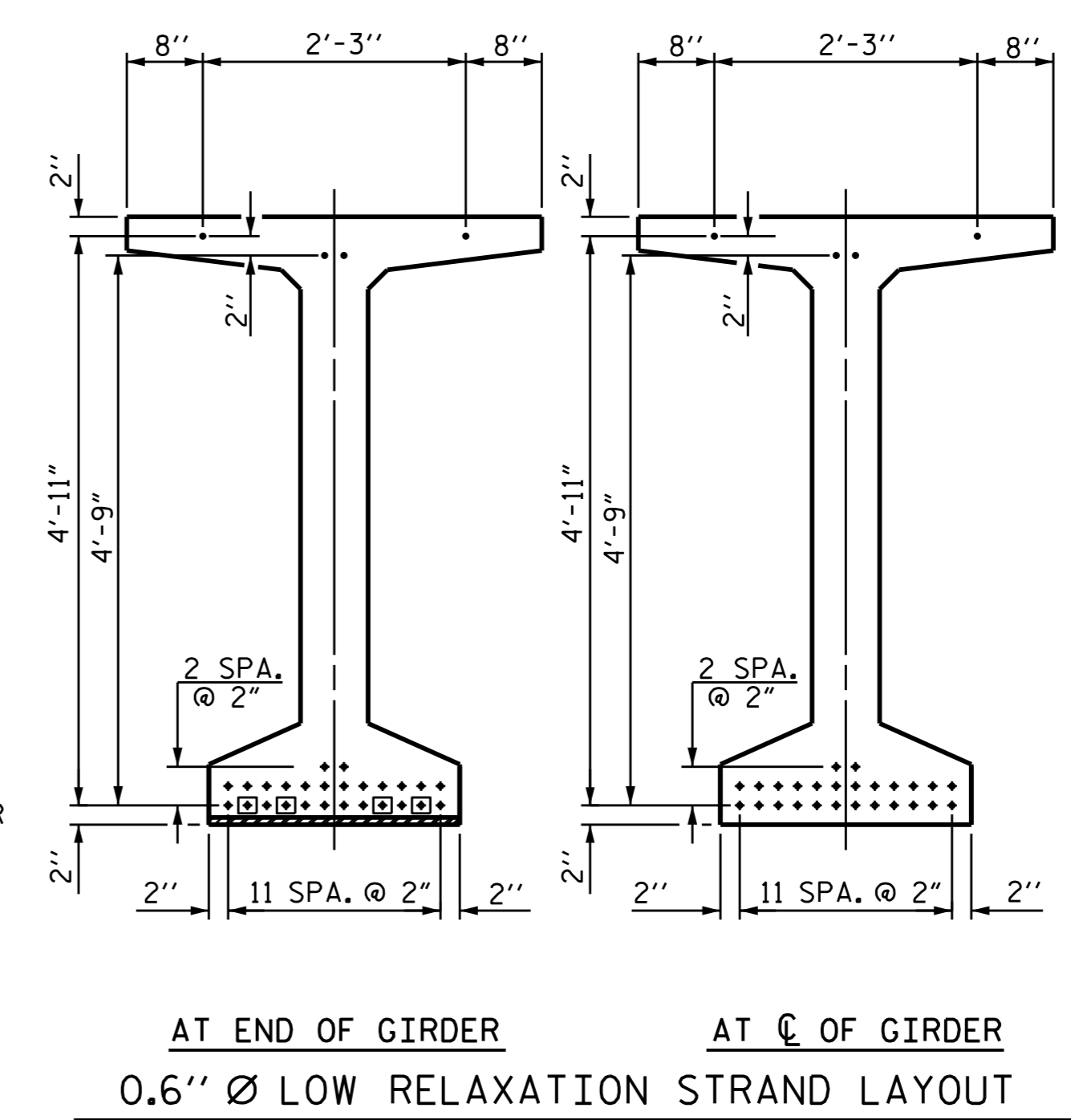


1/2" Ø FORMED HOLE. SEE ELEVATION FOR LOCATION.

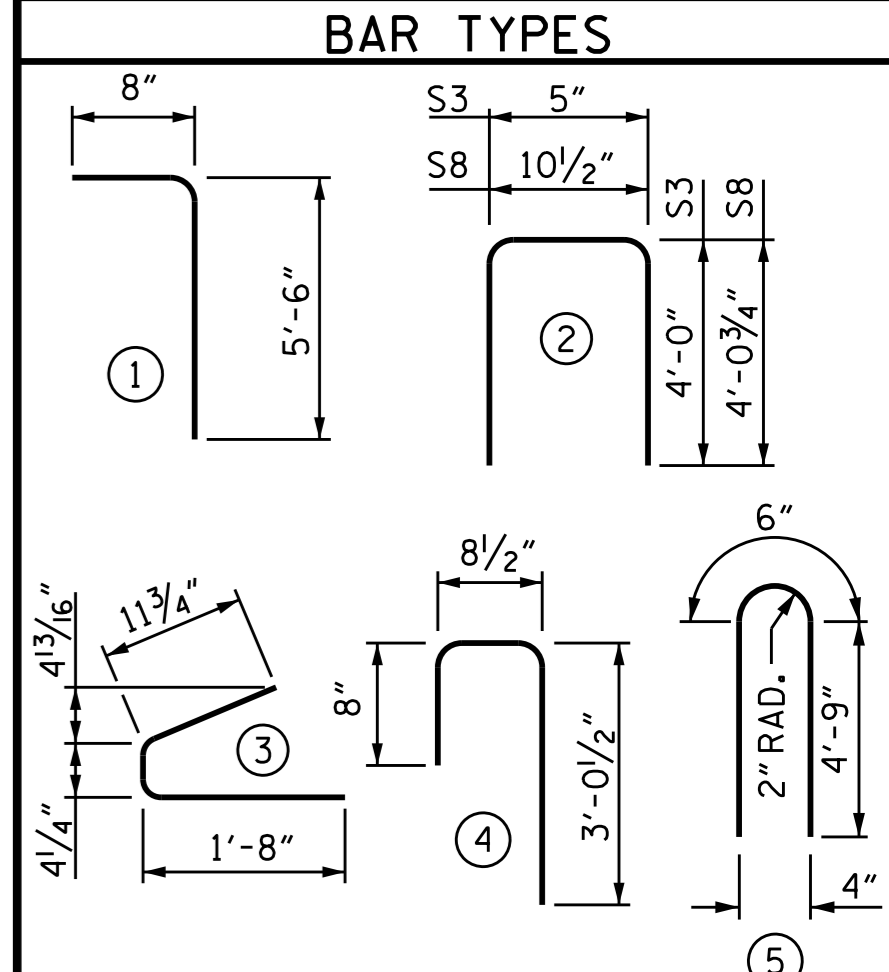
**DEBONDING LEGEND**  
 ● FULLY BONDED STRANDS  
 ◻ STRANDS DEBONDED FOR 4'-0" FROM END OF GIRDER



0.6" Ø L. R. GRADE 270 STRANDS		
AREA (SQUARE INCHES)	ULTIMATE STRENGTH (LBS. PER STRAND)	APPLIED PRESTRESS (LBS. PER STRAND)
0.217	58,600	43,950

REINFORCING STEEL FOR ONE GIRDER						
BAR NUMBER	SIZE	TYPE	LENGTH	WEIGHT		
S1	#4	1	6'-2"	527		
S2	#5	1	6'-2"	154		
S3	#4	2	8'-5"	67		
S4	#4	3	3'-0"	152		
S6	#5	4	4'-5"	700		
*S7	#5	STR	3'-8"	115		
S8	#5	2	9'-0"	19		
S9	#5	STR	3'-3"	85		
S10	#3	STR	1'-10"	1		
S11	#5	5	10'-0"	42		
S12	#4	STR	8'-0"	43		

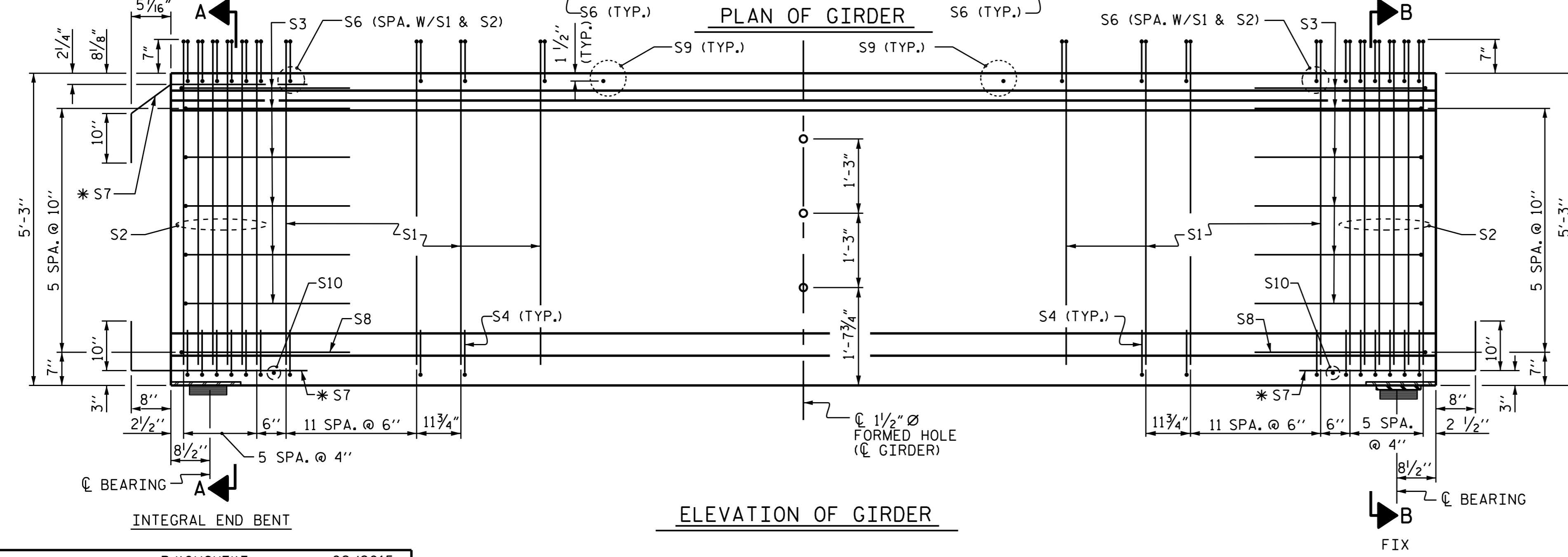
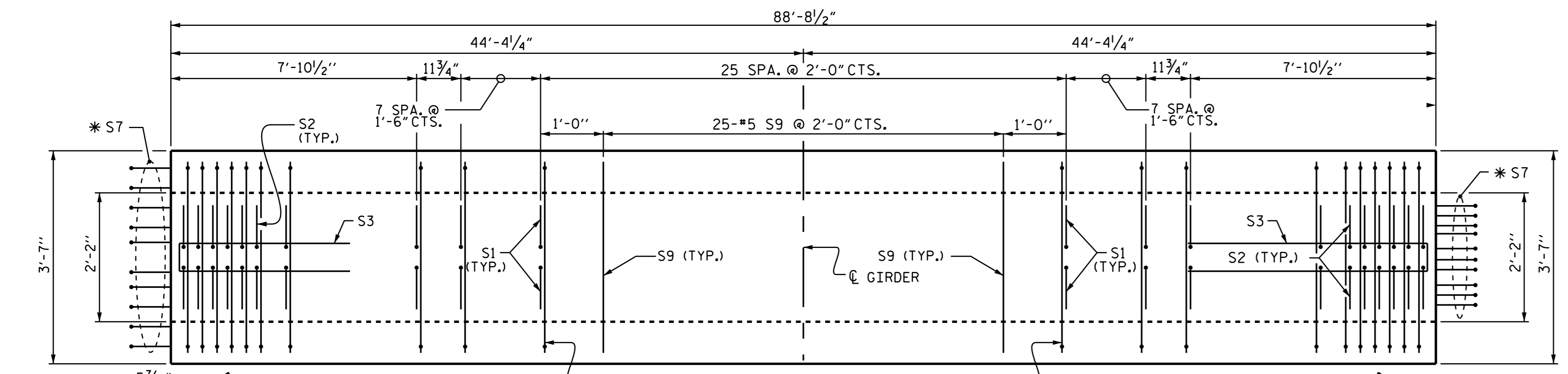
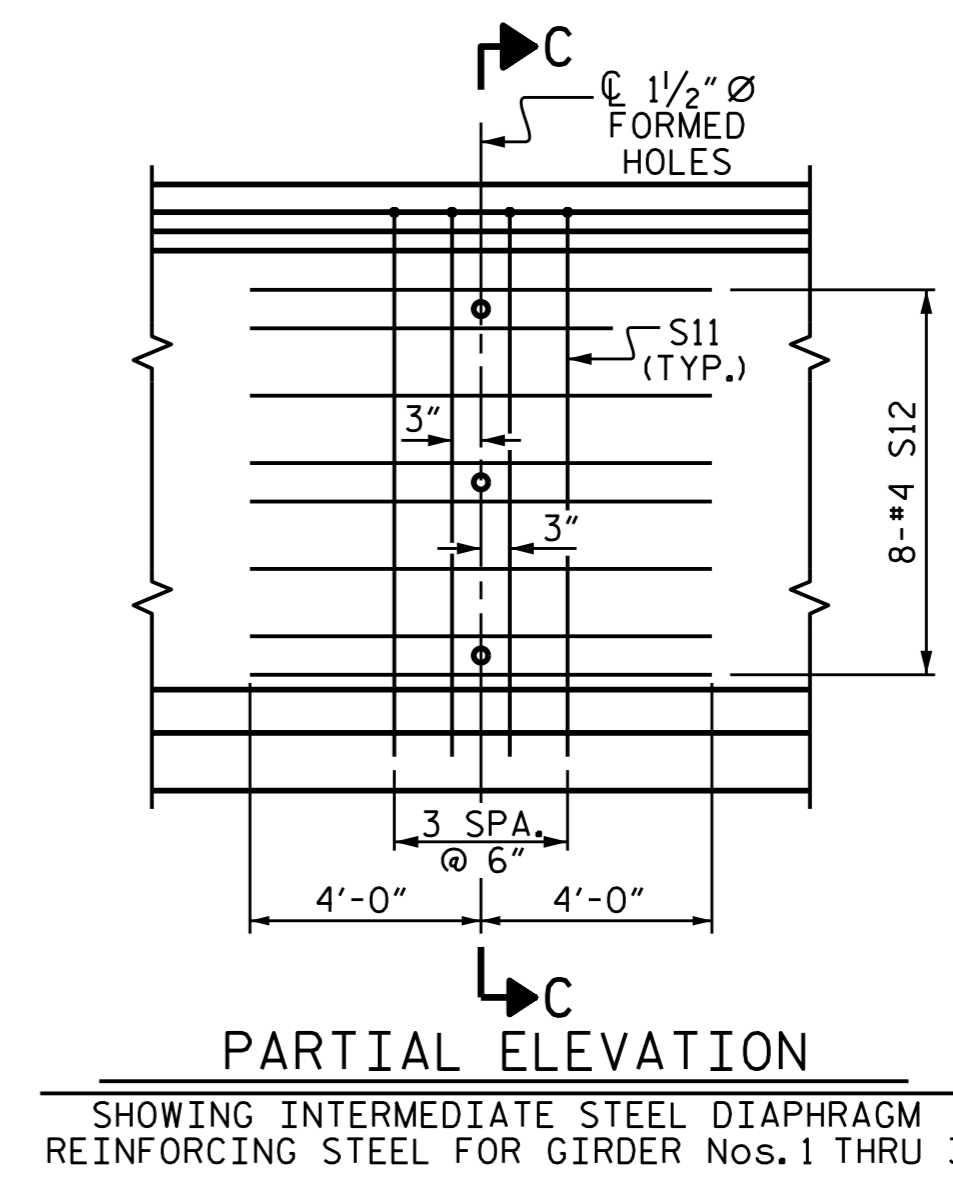
\* NOTE: S7 BARS SHALL BE BENT BEFORE SHIPMENT. HEAT BENDING SHALL NOT BE ALLOWED.



ALL BAR DIMENSIONS ARE OUT-TO-OUT

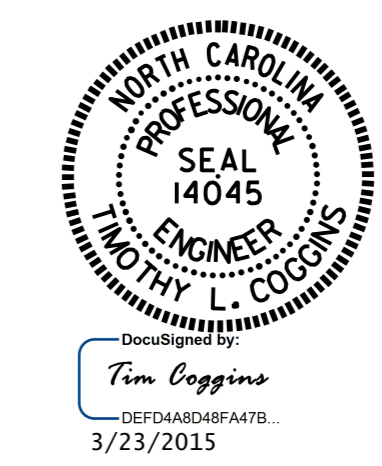
QUANTITIES FOR ONE GIRDER			
REINFORCING STEEL	8,000 PSI CONCRETE	0.6" Ø L.R. STRANDS	
LB.	C.Y.	No.	
GIRDER	1905	17.6	30

GIRDERS REQUIRED		
NUMBER	LENGTH	TOTAL LENGTH
3	88'-8 1/2"	266'-1 1/2"



DESIGN ENGINEER OF RECORD: R.KOUICHEKI	DATE: 02/2015
ASSEMBLED BY: M.D.PISO	DATE: 07-06-13
CHECKED BY: K.P.SEDAI	DATE: 08-26-14
DRAWN BY: EEM 2/6/97	REV. 5/1/06R TLA/GM
CHECKED BY: VAP 2/6/97	REV. 10/1/11 MAA/GM
	REV. 6/13 MAA/GM

23-MAR-2015 12:51  
 RA Structures\Final Plans\DocuSign\_Setup\415.000.R-2514D.SMU.S15-00.dgn  
 kposchal



PROJECT NO. R-2514D  
 JONES & CRAVEN COUNTY  
 STATION: 28+29.35 -Y10-

SHEET 1 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 STANDARD  
 63" PRESTRESSED CONCRETE  
 MODIFIED BULB TEE  
 CONTINUOUS FOR LIVE LOAD  
 SPAN A  
 (LEFT LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S15-012
1			3			TOTAL SHEETS
2			4			30