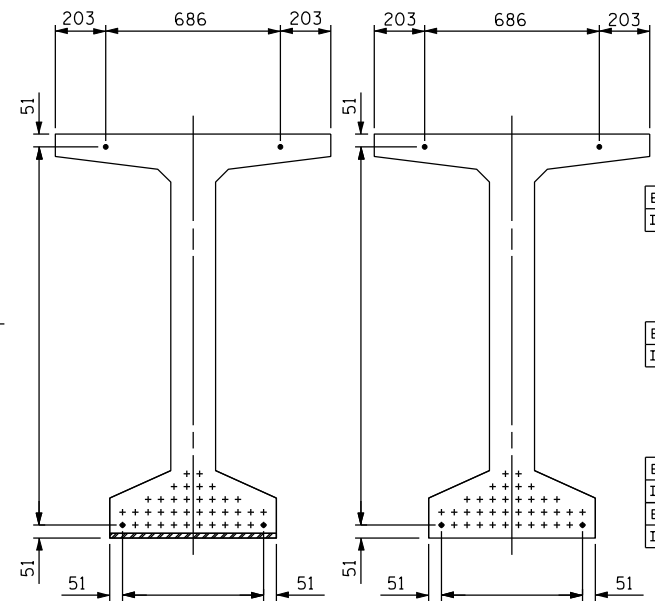


Ø 38mm Ø FORMED HOLE. SEE ELEVATION FOR LOCATION FOR DIM. "A", "B" & "C". SEE "INTERMEDIATE STEEL DIAPHRAGMS" SHEET.)

DEBONDING LEGEND

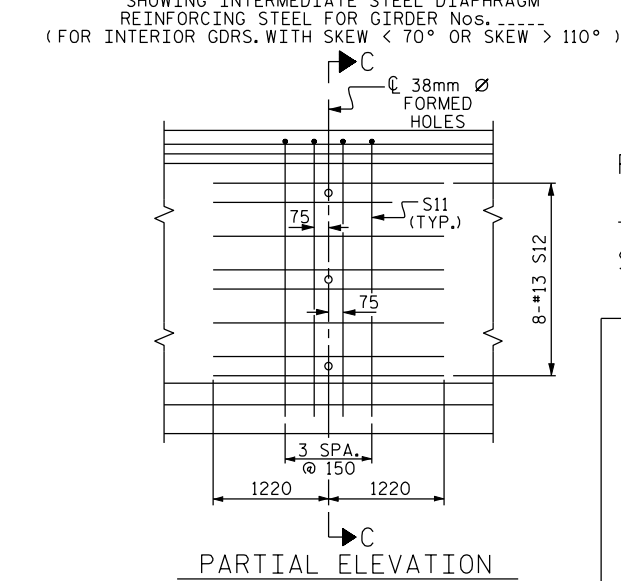
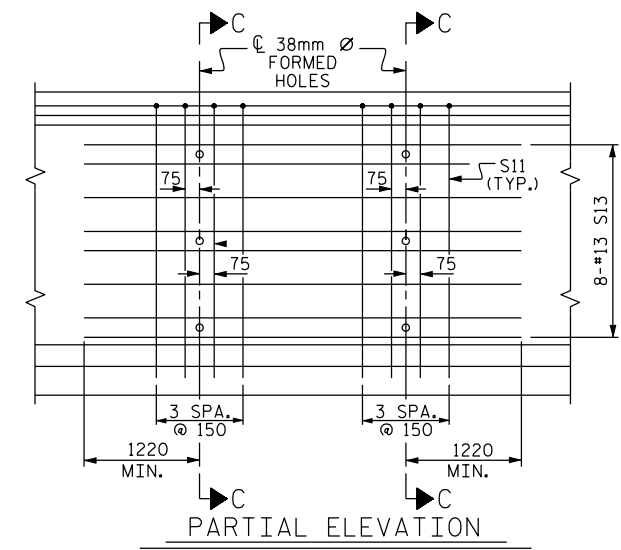
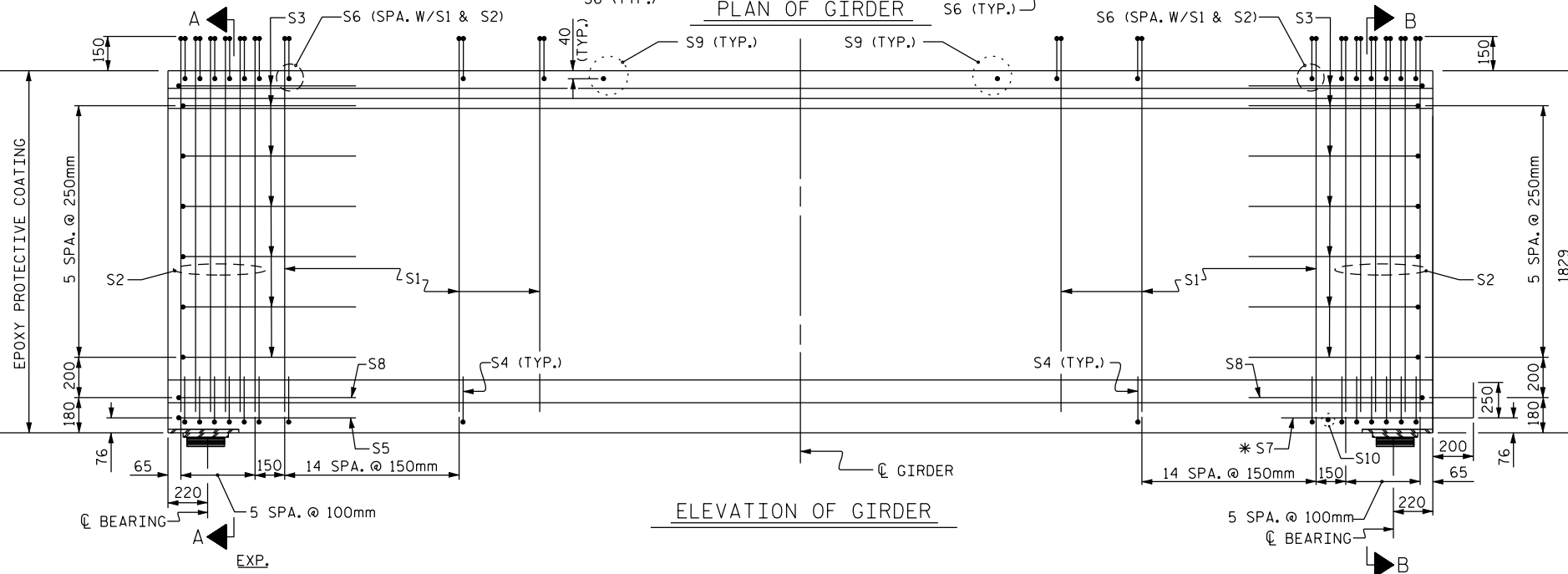
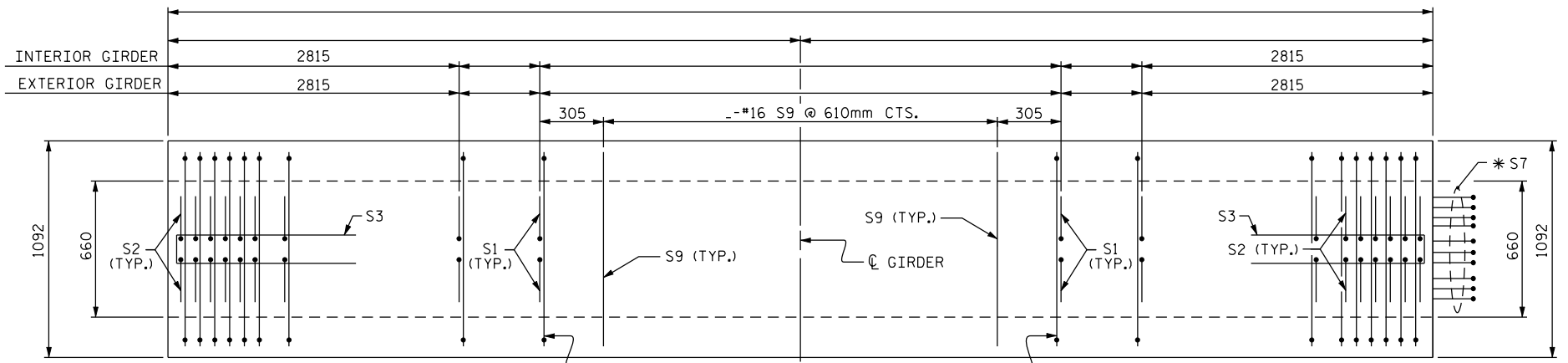
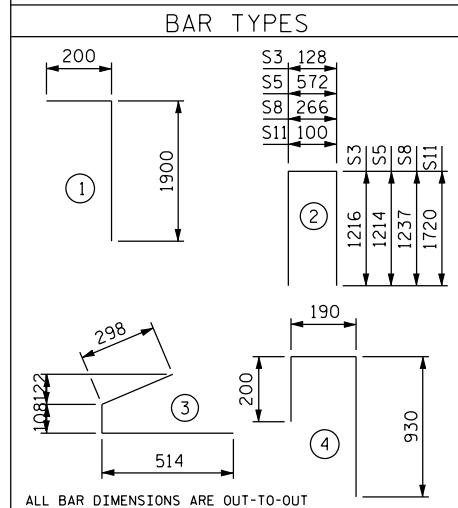
- FULLY BONDED STRANDS
- STRANDS DEBONDED FOR 1.220m FROM END OF GIRDER
- STRANDS DEBONDED FOR 1.830m FROM END OF GIRDER
- STRANDS DEBONDED FOR 2.440m FROM END OF GIRDER
- STRANDS DEBONDED FOR 3.050m FROM END OF GIRDER
- STRANDS DEBONDED FOR 3.660m FROM END OF GIRDER



15.24mm Ø L.R. GRADE 270 STRANDS		
AREA (mm ²)	ULTIMATE STRENGTH (KN PER STRAND)	APPLIED PRESTRESS (KN PER STRAND)
140.00	260.7	195.5

REINFORCING STEEL FOR ONE GDR					
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
EXTERIOR GDR. S1	1	#13	1	2100	
INTERIOR GDR. S1	1	#13	1	2100	
S2	24	#16	1	2100	78
S3	14	#13	2	2560	36
S4	84	#13	3	920	77
S5	1	#16	2	3000	5
EXTERIOR GDR. S6	4	#16	4	1320	
INTERIOR GDR. S6	4	#16	4	1320	
* S7	10	#16	STR	1120	17
S8	2	#16	2	2740	9
S9	1	#16	STR	980	
S10	1	#10	STR	560	1
EXTERIOR GDR. S11	2	#16	2	3540	
INTERIOR GDR. S11	2	#16	2	3540	
EXTERIOR GDR. S12	2	#13	STR	2440	
INTERIOR GDR. S	1	#13	STR		

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



QUANTITIES FOR ONE GIRDER			
	REINFORCING STEEL	MPa CONCRETE	15.24mm Ø L.R. STRANDS
	kg	m ³	No.
EXTERIOR GIRDER			
INTERIOR GIRDER			

GIRDERS REQUIRED		
NUMBER	LENGTH	TOTAL LENGTH

PROJECT NO. _____

_____ COUNTY

STATION: _____

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD
1829mm PRESTRESSED CONCRETE
MODIFIED BULB TEE
CONTINUOUS FOR LIVE LOAD

ASSEMBLED BY :	DATE :
CHECKED BY :	DATE :
DRAWN BY : EEM 2/6/97	REV. 8/16/99 RWW/LES
CHECKED BY : VAP 2/6/97	REV. 10/17/00 RWW/LES
	REV. 5/1/06R TLA/GM

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

*****SYTIME*****
*****DGN*****
*****USERNAME*****