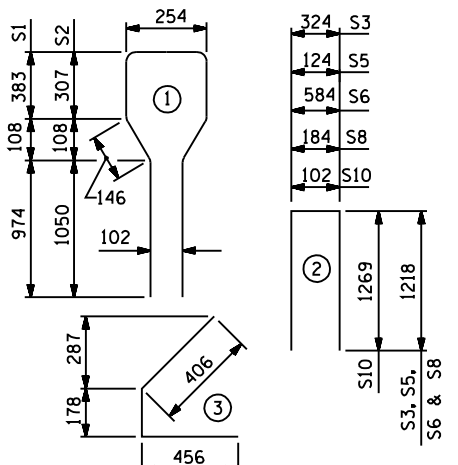


15.24mm Ø L. R. GRADE 270 STRANDS					
AREA (mm <sup>2</sup> )	ULTIMATE STRENGTH (kN PER STRAND)	APPLIED PRESTRESS (kN PER STRAND)			
140.00	260.7	195.5			
REINFORCING STEEL FOR ONE GIRDER					
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
EXTERIOR GDR.	S1	#13	1	3260	
INTERIOR GDR.	S1	#13	1	3260	
	S2	#19	1	3260	87
	S3	#13	2	2760	11
	S4	#13	3	1040	66
	S5	#13	2	2560	15
	S6	#13	2	3020	3
	* S7	#16	STR	1120	10
	S8	#13	2	2620	10
	S9	#10	STR	560	1
EXTERIOR GDR.	S10	#16	2	2640	
INTERIOR GDR.	S10	#16	2	2640	
EXTERIOR GDR.	S11	#13	STR	2140	
INTERIOR GDR.	S	#13	STR		

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

**BAR TYPES**

ALL BAR DIMENSIONS ARE OUT-TO-OUT



**QUANTITIES FOR ONE GIRDER**

	REINFORCING STEEL	MPa CONCRETE	15.24mm Ø L.R. STRANDS
	kg	m <sup>3</sup>	No.
EXTERIOR GIRDER			
INTERIOR GIRDER			

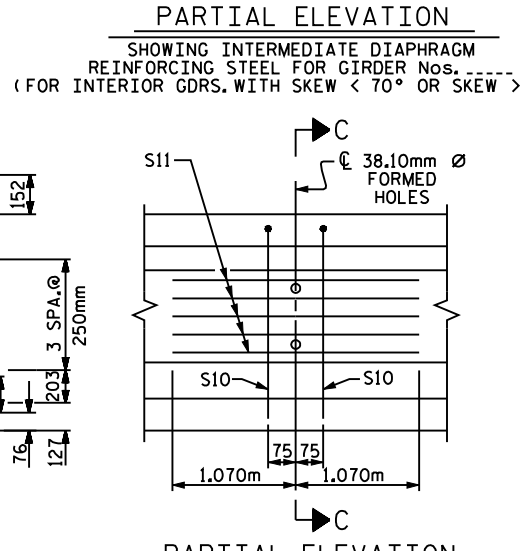
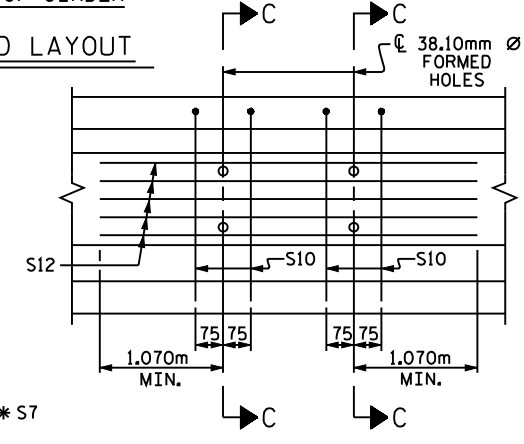
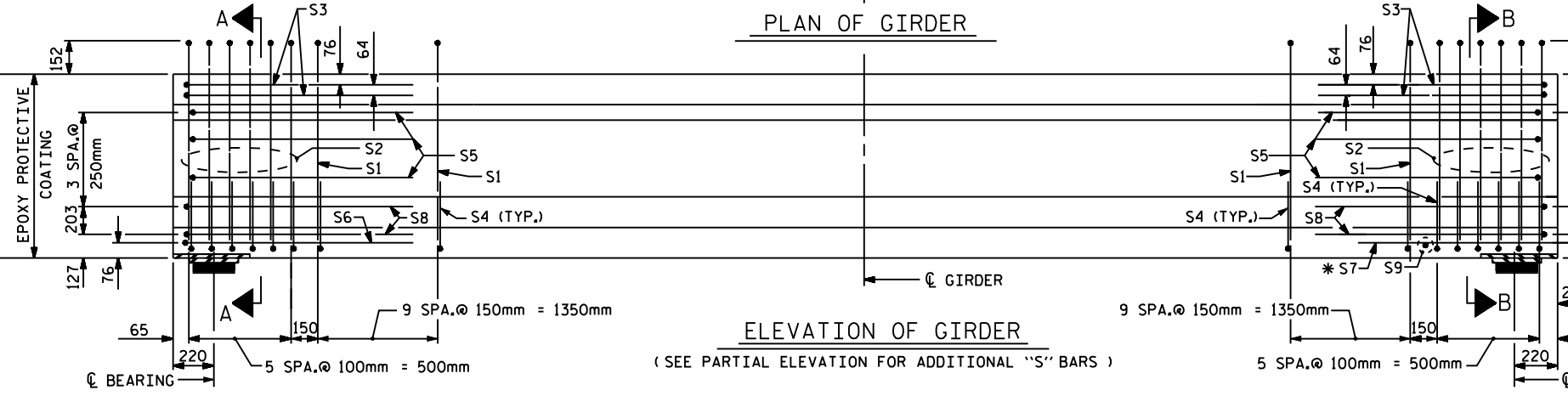
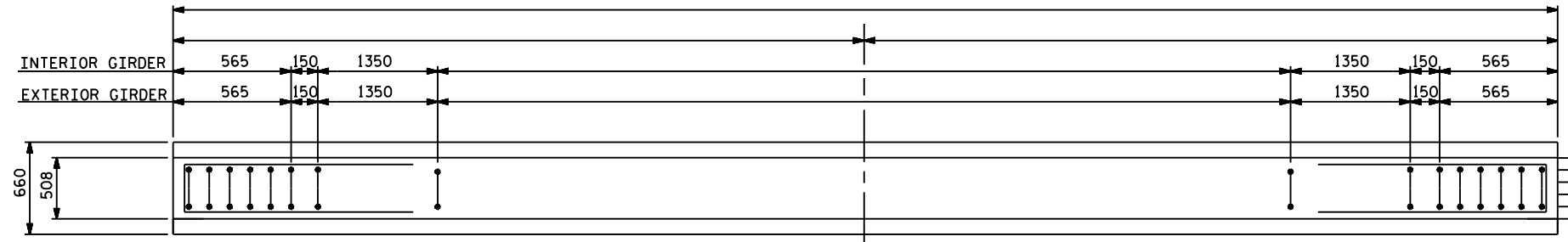
**GIRDERS REQUIRED**

NUMBER	LENGTH	TOTAL LENGTH

PROJECT NO. \_\_\_\_\_  
 COUNTY \_\_\_\_\_  
 STATION: \_\_\_\_\_

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 STANDARD  
 AASHTO TYPE IV  
 PRESTRESSED CONCRETE GIRDER  
 CONTINUOUS FOR LIVE LOAD

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



ASSEMBLED BY :	DATE :
CHECKED BY :	DATE :
DRAWN BY : ELR 8/91	REV. 7/17/98 RWW/LES
CHECKED BY : GRP 8/91	REV. 10/17/00R RWW/LES
	REV. 5/1/06R TLA/GM