

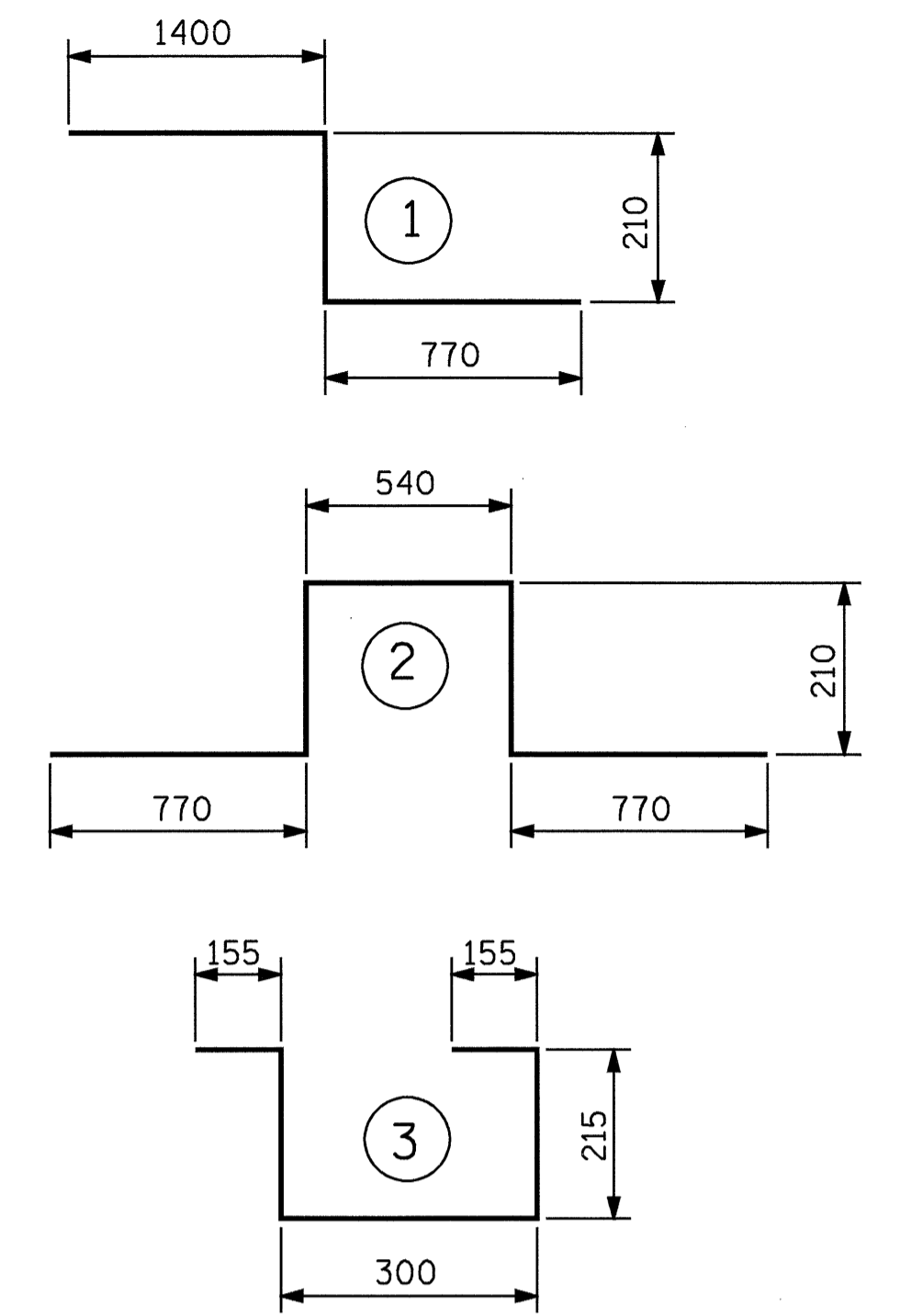
SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#13	610	540	610	540	840
#16	770	660	770	660	1050
#19	920	790	1190	790	1330
#22	1580	1060			
#25	2080	1390			

BILL OF MATERIAL					
SPAN A					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	205	#16	STR	11680	3716
A2	205	#16	STR	11680	3716
* A101	2	#16	STR	11000	34
* A102	2	#16	STR	9960	31
* A103	2	#16	STR	8900	28
* A104	2	#16	STR	7840	24
* A105	2	#16	STR	6800	21
* A106	2	#16	STR	5740	18
* A107	2	#16	STR	4700	15
* A108	2	#16	STR	3640	11
* A109	2	#16	STR	2580	8
* A110	2	#16	STR	1540	5
A201	2	#16	STR	11000	34
A202	2	#16	STR	9960	31
A203	2	#16	STR	8900	28
A204	2	#16	STR	7840	24
A205	2	#16	STR	6800	21
A206	2	#16	STR	5740	18
A207	2	#16	STR	4700	15
A208	2	#16	STR	3640	11
A209	2	#16	STR	2580	8
A210	2	#16	STR	1540	5
* B1	135	#13	STR	8400	1127
B2	120	#16	STR	13620	2537
* G1	2	#16	STR	11840	37
* K1	8	#16	1	2380	30
* K2	12	#16	2	2500	47
* K3	16	#16	STR	2300	57
* S1	56	#13	3	1040	58
				* EPOXY COATED REINF. STEEL = 5267 kg	
				REINFORCING STEEL = 6448 kg	

* THESE BARS ARE EPOXY COATED.

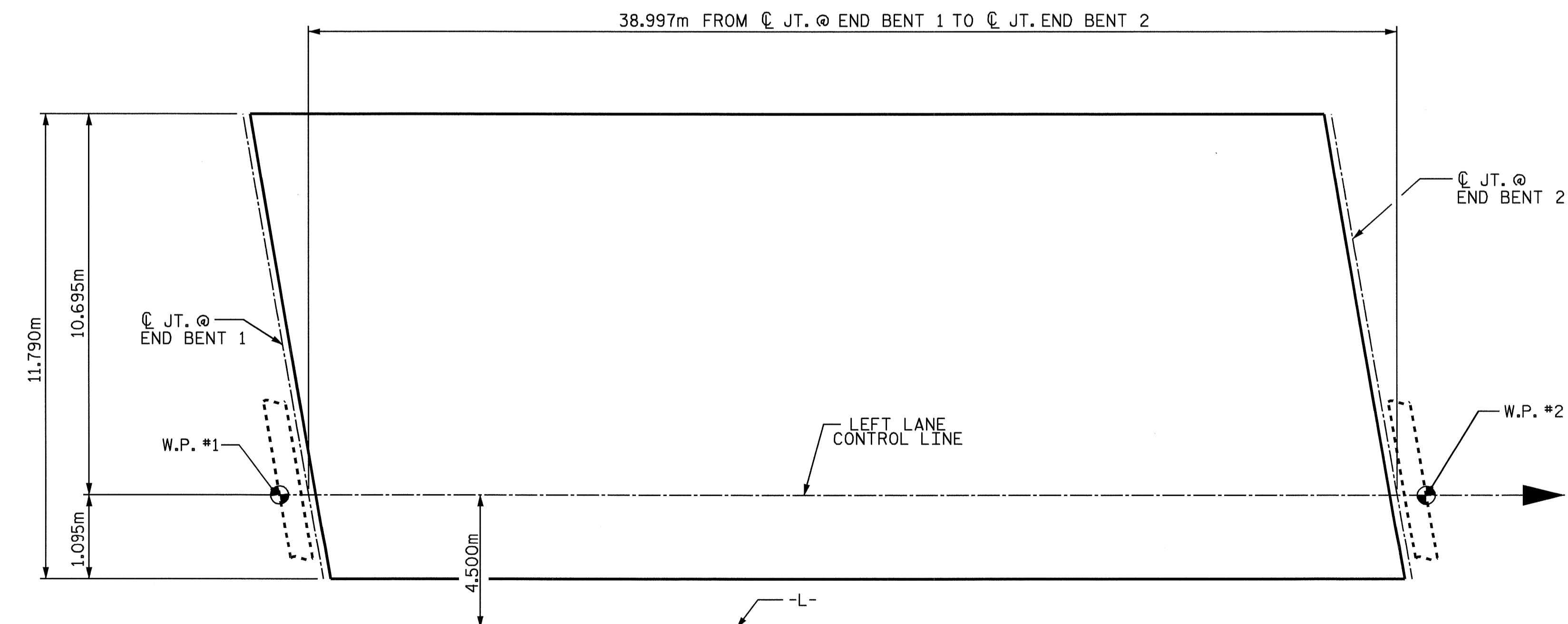
BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE (CU.METER)	REINFORCING STEEL (kg)	EPOXY COATED REINFORCING STEEL (kg)
SPAN "A"	120.2	6448	5267
TOTALS**	120.2	6448	5267

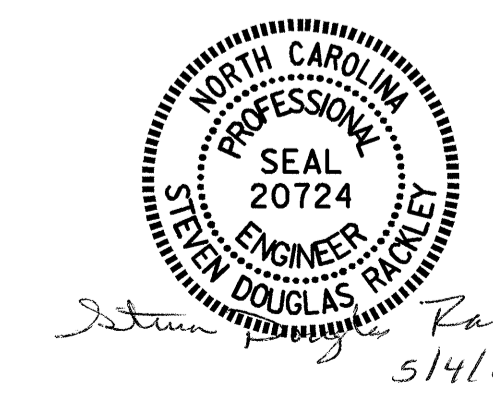
** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. METER = 459.8)

GROOVING BRIDGE FLOORS	
BRIDGE DECK	381.0 SQ.METER

PROJECT NO. R-2911A
 IREDELL COUNTY
 STATION: 41+59.472 -L-



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
STANDARD SUPERSTRUCTURE BILL OF MATERIAL (LEFT LANE)					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

ASSEMBLED BY : M.K. BEARD	DATE : 01/14/04
CHECKED BY : K.D. LAYNE	DATE : 02/05/04
DRAWN BY : JMB 5/87	REV. 5/16/97 EEM/RGW
CHECKED BY : SJD 9/87	