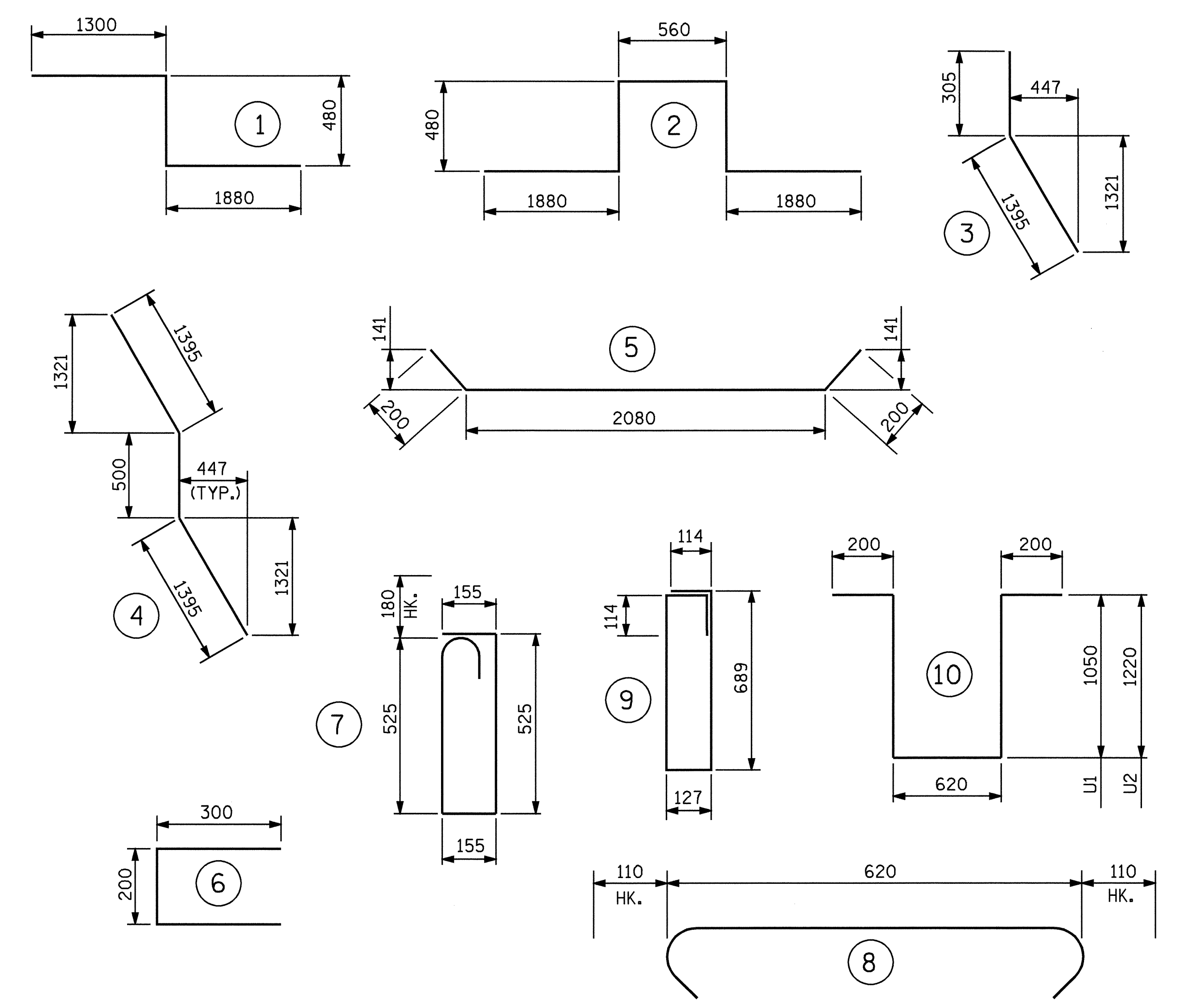


BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL											
SPANS A , B & C											
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	312	#16	STR	10080	4881	*B1	92	#13	STR	6400	585
A2	312	#16	STR	10080	4881	*B2	270	#16	STR	5260	2204
*A101	2	#16	STR	9540	30	*B3	80	#16	STR	5600	695
*A102	2	#16	STR	8900	28	*B4	23	#13	STR	5620	128
*A103	2	#16	STR	8260	26	B5	152	#16	STR	14420	3402
*A104	2	#16	STR	7640	24						
*A105	2	#16	STR	7000	22	*G1	2	#16	STR	10380	32
*A106	2	#16	STR	6360	20						
*A107	2	#16	STR	5740	18	*K1	8	#25		3660	116
*A108	2	#16	STR	5100	16	*K2	8	#25		5280	168
*A109	2	#16	STR	4460	14	K3	12	#19	STR	2180	58
*A110	2	#16	STR	3820	12	K4	18	#16	STR	2240	63
*A111	2	#16	STR	3200	10	K5	18	#16		2480	69
*A112	2	#16	STR	2560	8	K6	16	#13		1700	27
*A113	2	#16	STR	1920	6	K7	16	#13		3290	52
*A114	2	#16	STR	1280	4	K8	12	#13	STR	2140	26
*A115	2	#16	STR	660	2	K9	24	#13	STR	2360	56
						K10	12	#13	STR	1640	20
A201	2	#16	STR	9540	30						
A202	2	#16	STR	8900	28	*S1	48	#13		800	38
A203	2	#16	STR	8260	26	*S2	48	#16		1540	115
A204	2	#16	STR	7640	24	S3	72	#13		1860	133
A205	2	#16	STR	7000	22	S4	144	#13		840	120
A206	2	#16	STR	6360	20						
A207	2	#16	STR	5740	18	*U1	12	#13		3460	41
A208	2	#16	STR	5100	16	*U2	36	#13		3120	112
A209	2	#16	STR	4460	14						
A210	2	#16	STR	3820	12						
A211	2	#16	STR	3200	10	REINFORCING STEEL		kg.	9147		
A212	2	#16	STR	2560	8	REINFORCING STEEL		kg.	9355		
A213	2	#16	STR	1920	6	*EPOXY COATED REINFORCING STEEL		kg.	9355		
A214	2	#16	STR	1280	4	REINFORCING STEEL		kg.	9355		
A215	2	#16	STR	660	2	REINFORCING STEEL		kg.	9355		

—SUPERSTRUCTURE BILL OF MATERIAL—

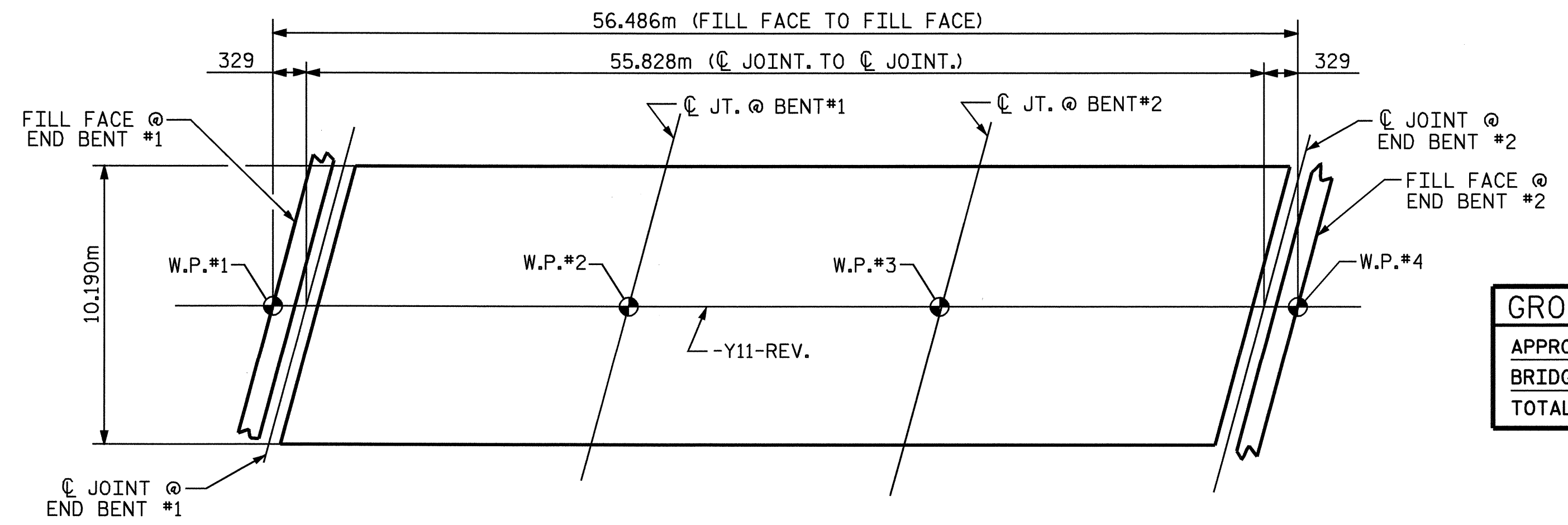
	CLASS AA CONCRETE (CU. METER)	REINFORCING STEEL (kg)	EPOXY COATED REINFORCING STEEL (kg)
		9147	9355
POUR 1	45.0		
POUR 2	55.9		
POUR 3	63.0		
TOTALS**	163.9	9147	9355

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

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			

ALL DIMENSIONS ARE IN MILLIMETERS



GROOVING BRIDGE FLOORS	
APPROACH SLABS	148.3 SQ.METER
BRIDGE DECK	458.8 SQ.METER
TOTAL	607.1 SQ.METER

LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. METER = 568.9)

PROJECT NO. R-2552 B
JOHNSTON COUNTY
 STATION: 14+72.000-Y11-REV.

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
STANDARD SUPERSTRUCTURE BILL OF MATERIAL



ASSEMBLED BY :	R.D. MARTIN	DATE :	8/26/04
CHECKED BY :	H. A. LUCAS	DATE :	2/18/05
DRAWN BY :	JMB	5/87	REV. 5/16/97
CHECKED BY :	SJD	9/87	EEM/RGW

REVISIONS						SHEET NO. 5-165
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 4(3)
2			4			