

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

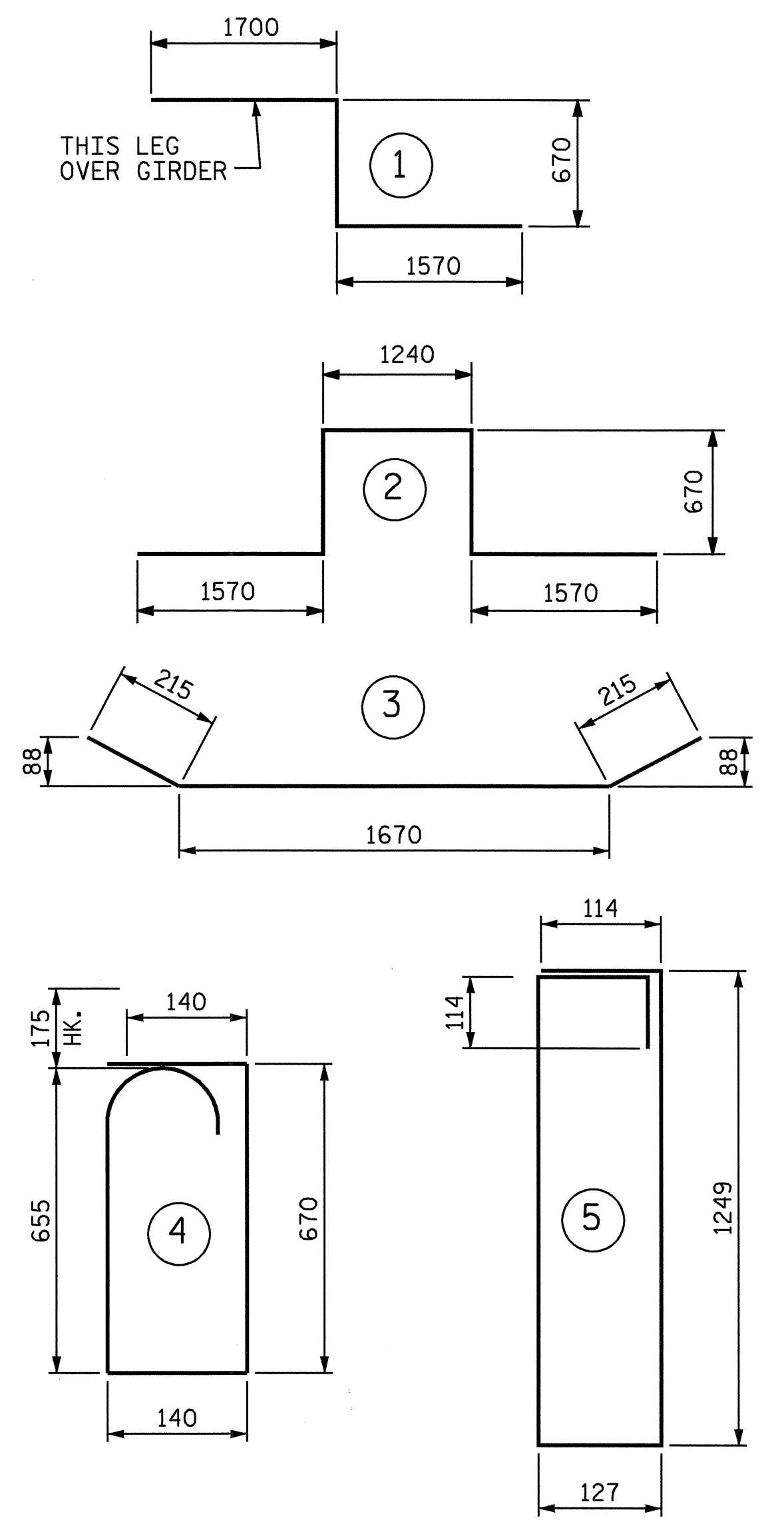
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#13	610	540	610	540	840
#16	770	660	770	660	1050
#19	920	790	1190	790	1330
#22	1580	1060			
#25	2080	1390			

BILL OF MATERIAL

SPAN A						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A1	142	16	STR	11480	2530	
A2	142	16	STR	11480	2530	
*B1	108	13	STR	8280	889	
B2	52	16	STR	15960	1288	
*G1	2	16	STR	11480	36	
*K1	8	25	1	3940	125	
*K2	12	25	2	5720	273	
K3	32	16	STR	2040	101	
K4	8	16	3	2100	26	
*S1	40	16	4	1780	111	
S2	24	13	5	2980	71	
REINFORCING STEEL				=	4016	
EPOXY COATED REINF. STEEL				=	3964	

* DENOTES EPOXY COATED REINFORCING STEEL.

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL

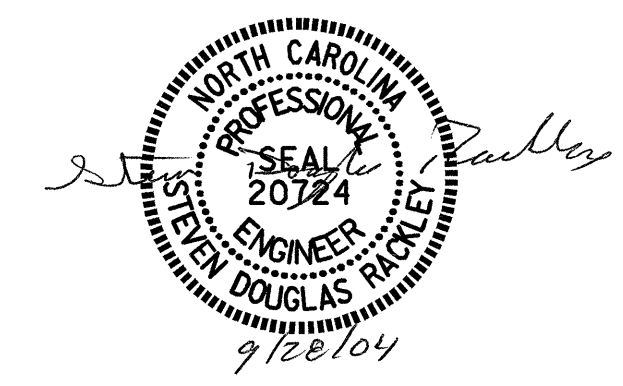
	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU.METER)	(kg)	(kg)
SPAN "A"	103.5	4016	3964
TOTAL**	103.5	4016	3964

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

PROJECT NO. B-3376
WAKE COUNTY
 STATION: 12+90.000 -L-

LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. METER = 363.5)

GROOVING BRIDGE FLOORS	
APPROACH SLABS	143 SQ.METER
BRIDGE DECK	302 SQ.METER
TOTAL	445 SQ.METER



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

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-12	
1			3			TOTAL SHEETS	
2			4			23	

ASSEMBLED BY :	A. K. PATEL	DATE :	06-28-04
CHECKED BY :	M. K. BEARD	DATE :	07-15-04
DRAWN BY :	JMB 5/87	REV. 5/16/97	EEM/RGW
CHECKED BY :	SJD 9/87		