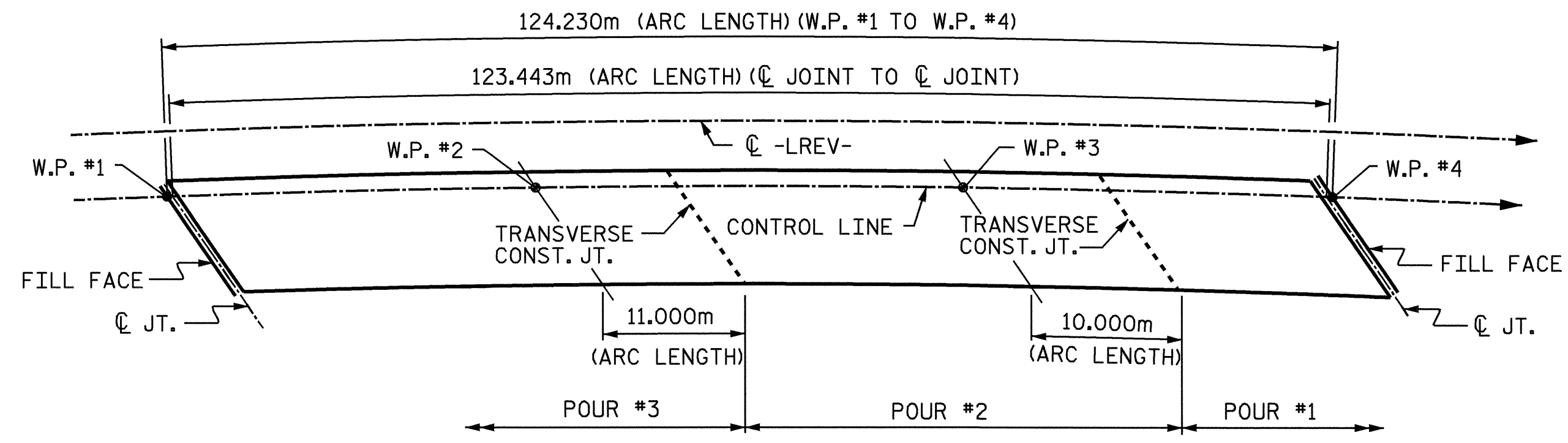


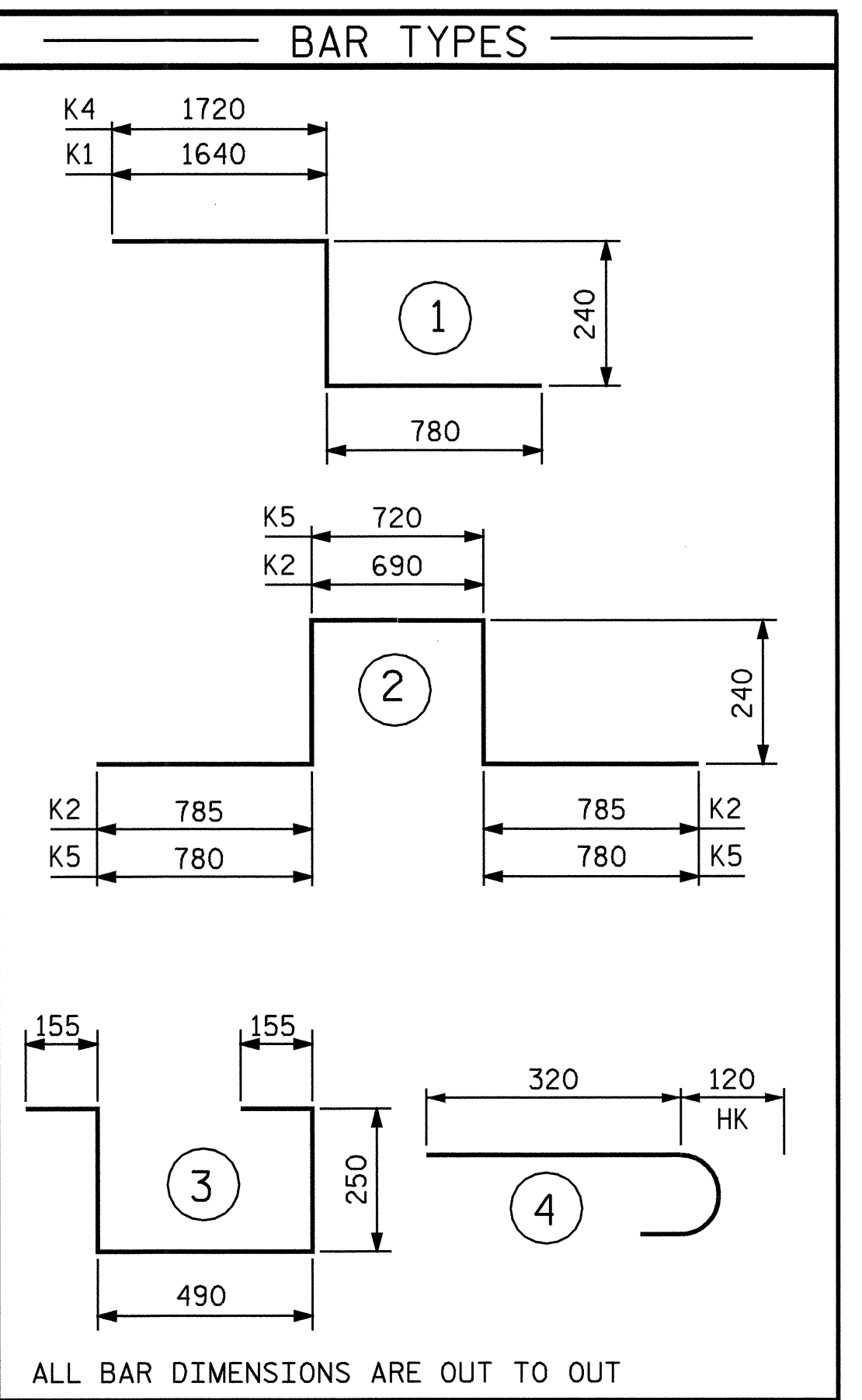
\* RADIAL DIMENSION

LAYOUT FOR COMPUTING AREA  
OF REINFORCED CONCRETE DECK SLAB  
(SQ. METER = 1529.5)



POURING SEQUENCE

BILL OF MATERIAL											
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	768	#16	STR	12300	14661	A209	3	#16	STR	6240	29
A2	768	#16	STR	12300	14661	A210	3	#16	STR	5560	26
* A3	6	#19	STR	5740	77	A211	3	#16	STR	4880	23
* A101	3	#16	STR	11640	54	A212	3	#16	STR	4200	20
* A102	3	#16	STR	10960	51	A213	3	#16	STR	3540	16
* A103	3	#16	STR	10280	48	A214	3	#16	STR	2860	13
* A104	3	#16	STR	9620	45	A215	3	#16	STR	2180	10
* A105	3	#16	STR	8940	42	A216	3	#16	STR	1500	7
* A106	3	#16	STR	8260	38	A217	3	#16	STR	820	4
* A107	3	#16	STR	7580	35	A218	3	#16	STR	11660	54
* A108	3	#16	STR	6920	32	A219	3	#16	STR	11020	51
* A109	3	#16	STR	6240	29	A220	3	#16	STR	10380	48
* A110	3	#16	STR	5560	26	A221	3	#16	STR	9740	45
* A111	3	#16	STR	4880	23	A222	3	#16	STR	9080	42
* A112	3	#16	STR	4200	20	A223	3	#16	STR	8440	39
* A113	3	#16	STR	3540	16	A224	3	#16	STR	7800	36
* A114	3	#16	STR	2860	13	A225	3	#16	STR	7160	33
* A115	3	#16	STR	2180	10	A226	3	#16	STR	6520	30
* A116	3	#16	STR	1500	7	A227	3	#16	STR	5860	27
* A117	3	#16	STR	820	4	A228	3	#16	STR	5220	24
* A118	3	#16	STR	11660	54	A229	3	#16	STR	4580	21
* A119	3	#16	STR	11020	51	A230	3	#16	STR	3940	18
* A120	3	#16	STR	10380	48	A231	3	#16	STR	3300	15
* A121	3	#16	STR	9740	45	A232	3	#16	STR	2660	12
* A122	3	#16	STR	9080	42	A233	3	#16	STR	2000	9
* A123	3	#16	STR	8440	39	A234	3	#16	STR	1360	6
* A124	3	#16	STR	7800	36	A235	3	#16	STR	720	3
* A125	3	#16	STR	7160	33						
* A126	3	#16	STR	6520	30	* B1	312	#13	STR	7300	2264
* A127	3	#16	STR	5860	27	* B2	234	#19	STR	9780	5115
* A128	3	#16	STR	5220	24	* B3	228	#19	STR	8780	4474
* A129	3	#16	STR	4580	21	B4	440	#16	STR	16040	10953
* A130	3	#16	STR	3940	18	* B5	117	#13	STR	7900	919
* A131	3	#16	STR	3300	15						
* A132	3	#16	STR	2660	12	* G1	2	#16	STR	7680	24
* A133	3	#16	STR	2000	9	* G2	2	#16	STR	8040	25
* A134	3	#16	STR	1360	6						
* A135	3	#16	STR	720	3	* J1	52	#13	4	8040	416
A201	3	#16	STR	11640	54	* K1	6	#16	1	2660	25
A202	3	#16	STR	10960	51	* K2	6	#16	2	2740	26
A203	3	#16	STR	10280	48	* K3	9	#16	STR	3340	47
A204	3	#16	STR	9620	45	* K4	6	#16	1	2740	26
A205	3	#16	STR	8940	42	* K5	6	#16	2	2770	26
A206	3	#16	STR	8260	38	* K6	9	#16	STR	3500	49
A207	3	#16	STR	7580	35						
A208	3	#16	STR	6920	32	* S1	66	13	3	1300	85
					REINFORCING STEEL	=	26620	KG			
					* EPOXY COATED REINF. STEEL	=	29265	KG			



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE (CU.METER)	REINFORCING STEEL (kg)	EPOXY COATED REINFORCING STEEL (kg)
POUR #1	97.0		
POUR #2	149.6		
POUR #3	166.5		
TOTALS **	413.1	26620	28742

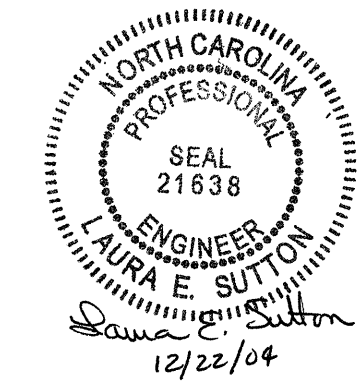
\*\* QUANTITIES FOR BARRIER RAIL AND PARAPET ARE NOT INCLUDED.

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			

GROOVING BRIDGE FLOORS		
BRIDGE DECK	1292.0	SQ.METER
APPROACH SLAB	59.4	SQ.METER
TOTAL	1351.4	SQ.METER

DRAWN BY : B.N.BARODAWALA DATE : 1-20-04  
CHECKED BY : MIKE ALLEN DATE : 11-04

21-DEC-2004 07:26  
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lsutton



PROJECT NO. R-0977A  
CHEROKEE COUNTY  
STATION: 41+19.52-LREV-

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH			
SUPERSTRUCTURE BILL OF MATERIAL			
REVISIONS			SHEET NO.
NO.	BY:	DATE:	TOTAL SHEETS
1			230
2			

STR. #4