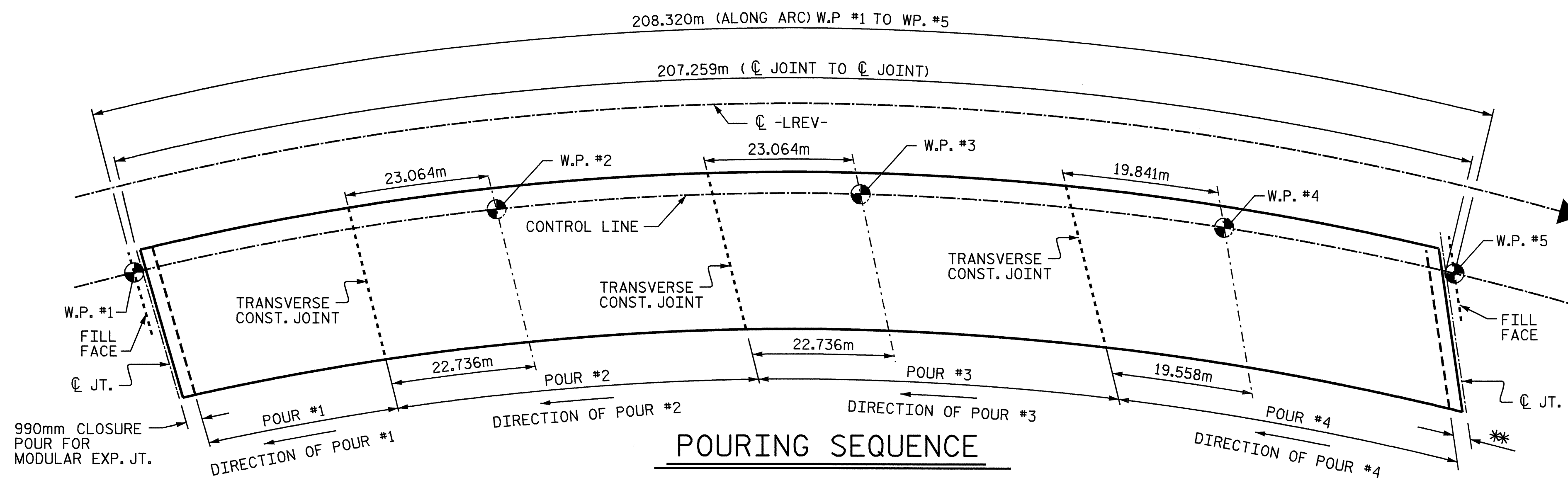


LAYOUT FOR COMPUTING AREA
OF REINFORCED CONCRETE DECK SLAB
(SQ. METER = 2567.9)

** RADIAL DIMENSIONS



POURING SEQUENCE

** 990mm CLOSURE POUR FOR MODULAR EXP. JT.

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	720	640	610	540	840
#16	910	780	770	660	1050
#19	1090	940	1190	790	1330
#22	1870	1260			
#25	2460	1640			

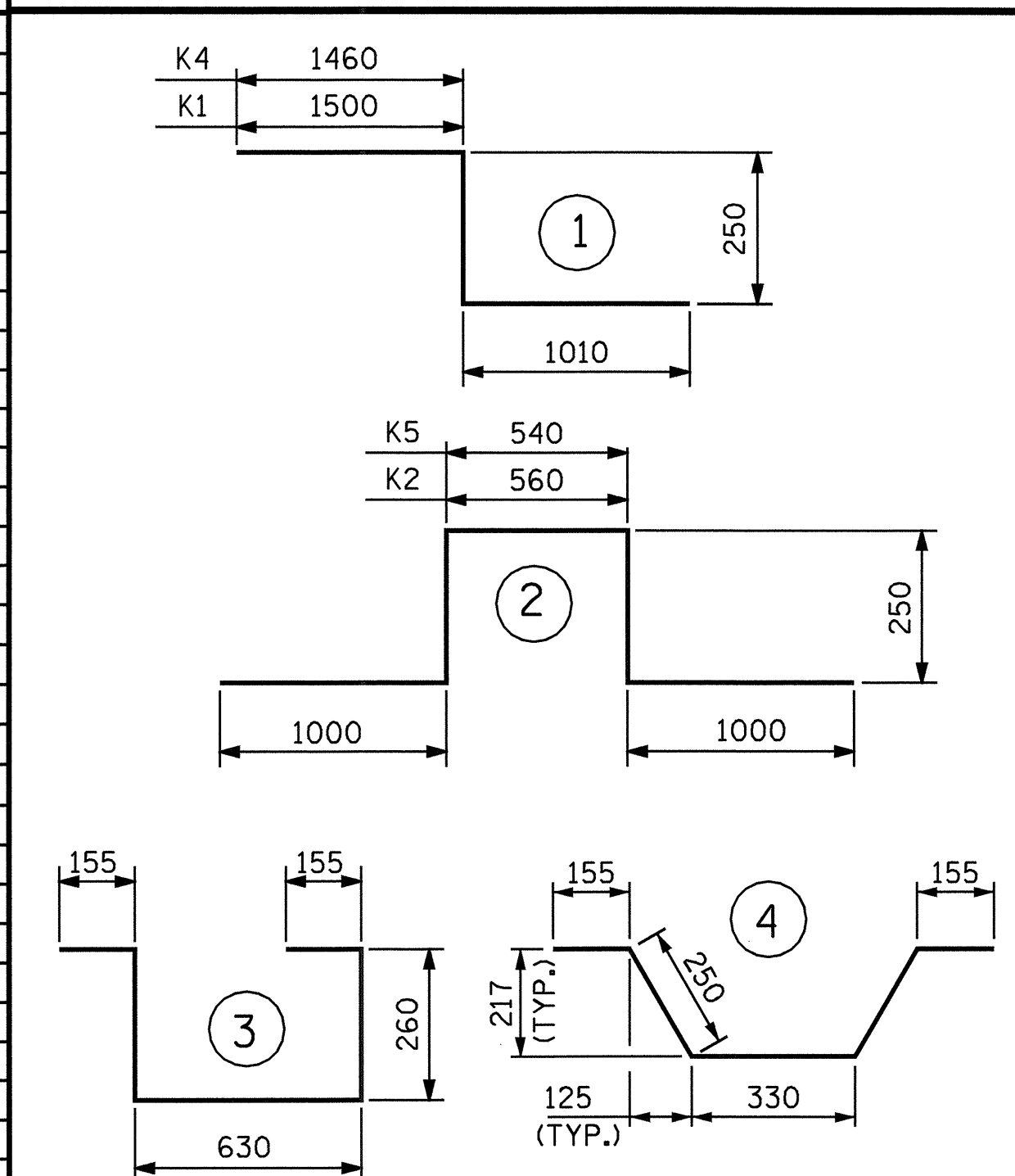
GROOVING BRIDGE FLOORS

BRIDGE DECK	2178.5 SQ.METER
APPROACH SLAB	152.0 SQ.METER
TOTAL	2330.5 SQ.METER

BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	1445	#16	STR	12240	27450
A2	1445	#16	STR	12240	27450
* A101	3	#16	STR	11280	53
* A102	3	#16	STR	10320	48
* A103	3	#16	STR	9380	44
* A104	3	#16	STR	8420	39
* A105	3	#16	STR	7460	35
* A106	3	#16	STR	6480	30
* A107	3	#16	STR	5520	26
* A108	3	#16	STR	4560	21
* A109	3	#16	STR	3580	17
* A110	3	#16	STR	2620	12
* A111	3	#16	STR	11240	52
* A112	3	#16	STR	10260	48
* A113	3	#16	STR	9300	43
* A114	3	#16	STR	8320	39
* A115	2	#16	STR	7340	23
* A116	2	#16	STR	6360	20
* A117	2	#16	STR	5400	17
* A118	2	#16	STR	4440	14
* A119	2	#16	STR	3480	11
* A120	2	#16	STR	2500	8
A201	3	#16	STR	11280	53
A202	3	#16	STR	10320	48
A203	3	#16	STR	9380	44
A204	3	#16	STR	8420	39
A205	3	#16	STR	7460	35
A206	3	#16	STR	6480	30
A207	3	#16	STR	5520	26
A208	3	#16	STR	4560	21
A209	3	#16	STR	3580	17
A210	3	#16	STR	2620	12
A211	3	#16	STR	11240	52
A212	3	#16	STR	10260	48
A213	3	#16	STR	9300	43
A214	3	#16	STR	8320	39
A215	2	#16	STR	7340	23
A216	2	#16	STR	6360	20
A217	2	#16	STR	5400	17
A218	2	#16	STR	4440	14
A219	2	#16	STR	3480	11
A220	2	#16	STR	2500	8
* B1	195	#13	STR	8460	1640
* B2	117	#19	STR	14560	3807
* B3	114	#19	STR	13540	3450
* B4	78	#13	STR	8620	668
* B5	117	#19	STR	12800	3347
* B6	114	#19	STR	11780	3001
* B7	156	#13	STR	6900	1070
* B8	117	#19	STR	12720	3326
* B9	114	#19	STR	11700	2981
* B10	78	#13	STR	8800	682
B11	715	#16	STR	16700	18532
* G1	22	16	4	1140	39
* K1	6	16	1	2660	25
* K2	6	16	2	2880	27
* K3	9	16	STR	3200	45
* K4	6	16	1	2620	24
* K5	6	16	2	2860	27
* K6	9	16	STR	3120	44
* S1	62	13	3	1460	90
REINFORCING STEEL				=	46582 KG
* EPOXY COATED REINF. STEEL				=	52343 KG

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL

	SAND LIGHTWEIGHT CONCRETE (CU.METER)	REINFORCING STEEL (kg)	EPOXY COATED REINFORCING STEEL (kg)
CLOSURE POUR	10.0		
POUR #1	108.0		
POUR #2	194.6		
POUR #3	205.1		
POUR #4	185.5		
TOTALS**	703.2	46490	52251

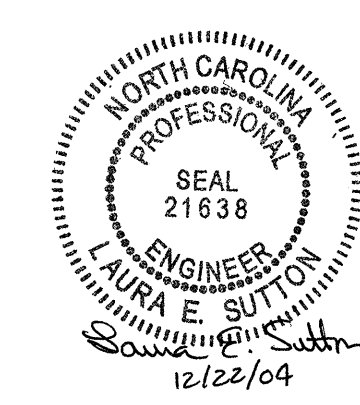
** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

PROJECT NO. R-0977A
CHEROKEE COUNTY
STATION: 68+58.000-LREV-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**SUPERSTRUCTURE
BILL OF MATERIAL**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-208
1			3			TOTAL SHEETS 230
2			4			



DRAWN BY : B.N.BARODAWALA DATE : 1-9-04
CHECKED BY : MIKE ALLEN DATE : 12-04