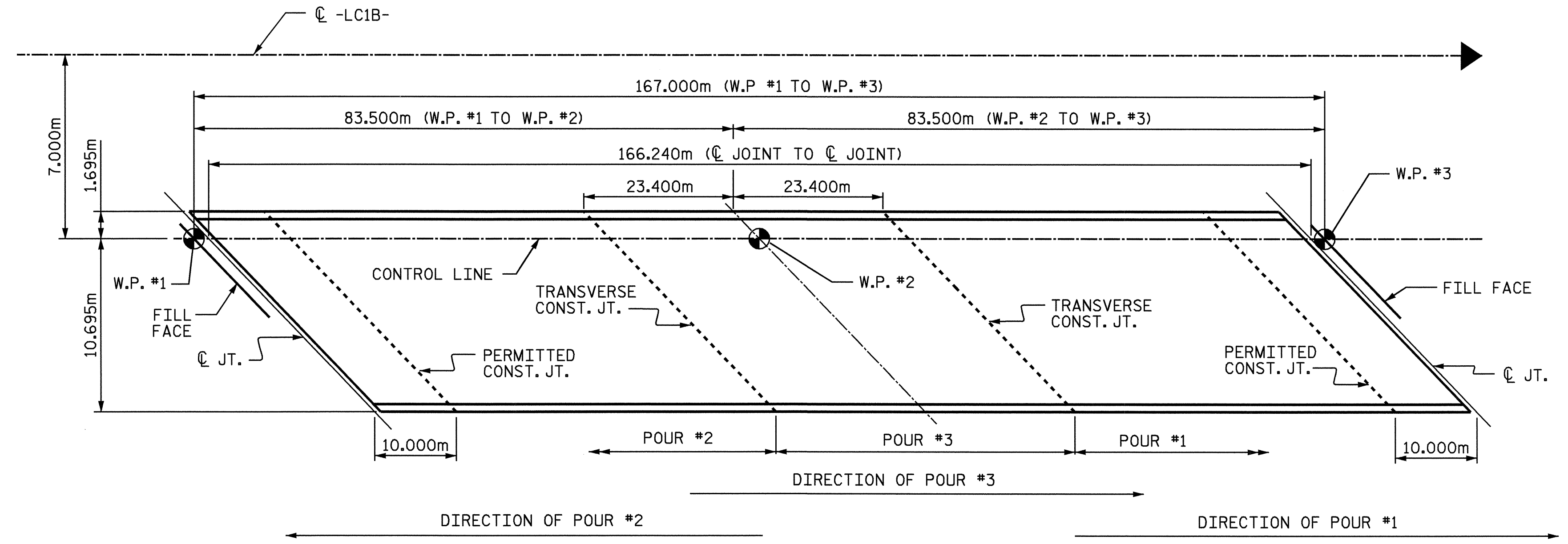


LAYOUT FOR COMPUTING AREA
OF REINFORCED CONCRETE DECK SLAB
(SQ. METER = 2059.7)

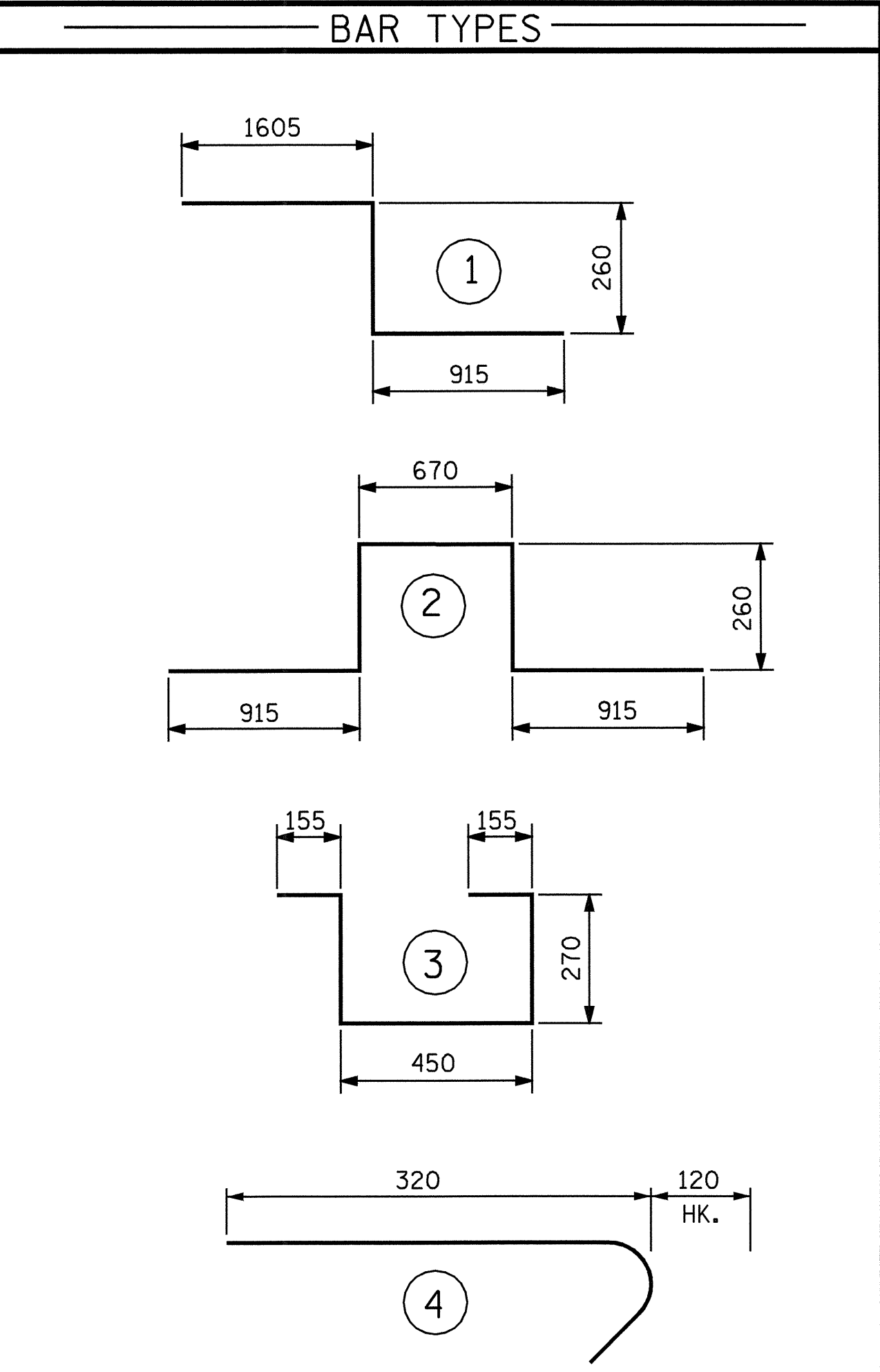


POURING SEQUENCE

BAR SIZE	SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS				PARAPET AND BARRIER RAIL
	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		
	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	1753.5 SQ.METER
APPROACH SLAB	161.1 SQ.METER
TOTAL	1914.6 SQ.METER

BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	1061	#16	STR	12300	20254
A2	1061	#16	STR	12300	20254
* A101	4	#16	STR	11800	73
* A102	4	#16	STR	11280	70
* A103	4	#16	STR	10760	67
* A104	4	#16	STR	10240	64
* A105	4	#16	STR	9720	60
* A106	4	#16	STR	9200	57
* A107	4	#16	STR	8680	54
* A108	4	#16	STR	8160	51
* A109	4	#16	STR	7640	47
* A110	4	#16	STR	7120	44
* A111	4	#16	STR	6600	41
* A112	4	#16	STR	6080	38
* A113	4	#16	STR	5560	35
* A114	4	#16	STR	5040	31
* A115	4	#16	STR	4520	28
* A116	4	#16	STR	4000	25
* A117	4	#16	STR	3480	22
* A118	4	#16	STR	2960	18
* A119	4	#16	STR	2440	15
* A120	4	#16	STR	1920	12
* A121	4	#16	STR	1400	9
* A122	4	#16	STR	880	5
A201	4	#16	STR	11800	73
A202	4	#16	STR	11280	70
A203	4	#16	STR	10760	67
A204	4	#16	STR	10240	64
A205	4	#16	STR	9720	60
A206	4	#16	STR	9200	57
A207	4	#16	STR	8680	54
A208	4	#16	STR	8160	51
A209	4	#16	STR	7640	47
A210	4	#16	STR	7120	44
A211	4	#16	STR	6600	41
A212	4	#16	STR	6080	38
A213	4	#16	STR	5560	35
A214	4	#16	STR	5040	31
A215	4	#16	STR	4520	28
A216	4	#16	STR	4000	25
A217	4	#16	STR	3480	22
A218	4	#16	STR	2960	18
A219	4	#16	STR	2440	15
A220	4	#16	STR	1920	12
A221	4	#16	STR	1400	9
A222	4	#16	STR	880	5
* B1	574	#13	STR	9020	5146
* B2	114	#19	STR	17400	4433
B3	500	#16	STR	17320	13440
* B4	156	#19	STR	14080	4909
* G1	4	#16	STR	7600	47
* J1	90	#13	4	440	39
* K1	12	#16	1	2780	52
* K2	12	#16	2	3020	56
* K3	18	#16	STR	3260	91
* S1	66	#13	3	1300	85
REINFORCING STEEL				=	34560 KG
* EPOXY COATED REINF. STEEL				=	35978 KG

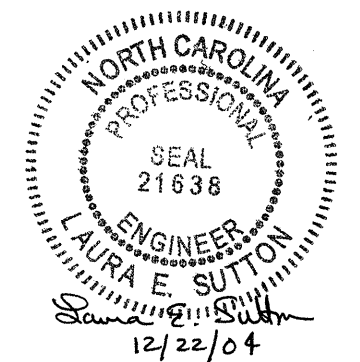


ALL BAR DIMENSIONS ARE OUT TO OUT.

SUPERSTRUCTURE BILL OF MATERIAL			
	SAND LIGHTWEIGHT CONCRETE (CU.METER)	REINFORCING STEEL (kg)	EPOXY COATED REINFORCING STEEL (kg)
POUR #1	155.6		
POUR #2	202.7		
POUR #3	202.7		
TOTALS **	561.0	34560	34125

** QUANTITIES FOR BARRIER RAIL AND PARAPET ARE NOT INCLUDED

PROJECT NO. R-0977A
CHEROKEE COUNTY
STATION: 24+60.500-LC1B-



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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-108
1			3			TOTAL SHEETS 230
2			4			

DRAWN BY : B.N.BARODAWALA DATE : 1-9-04
CHECKED BY : MIKE ALLEN DATE : 8-04