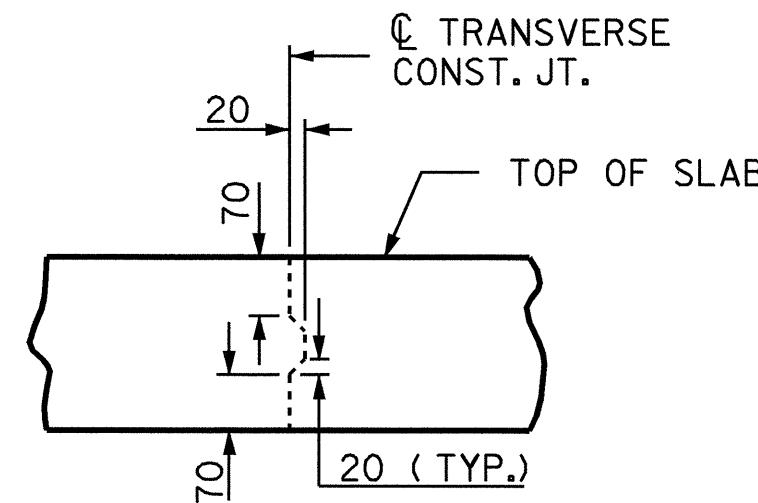


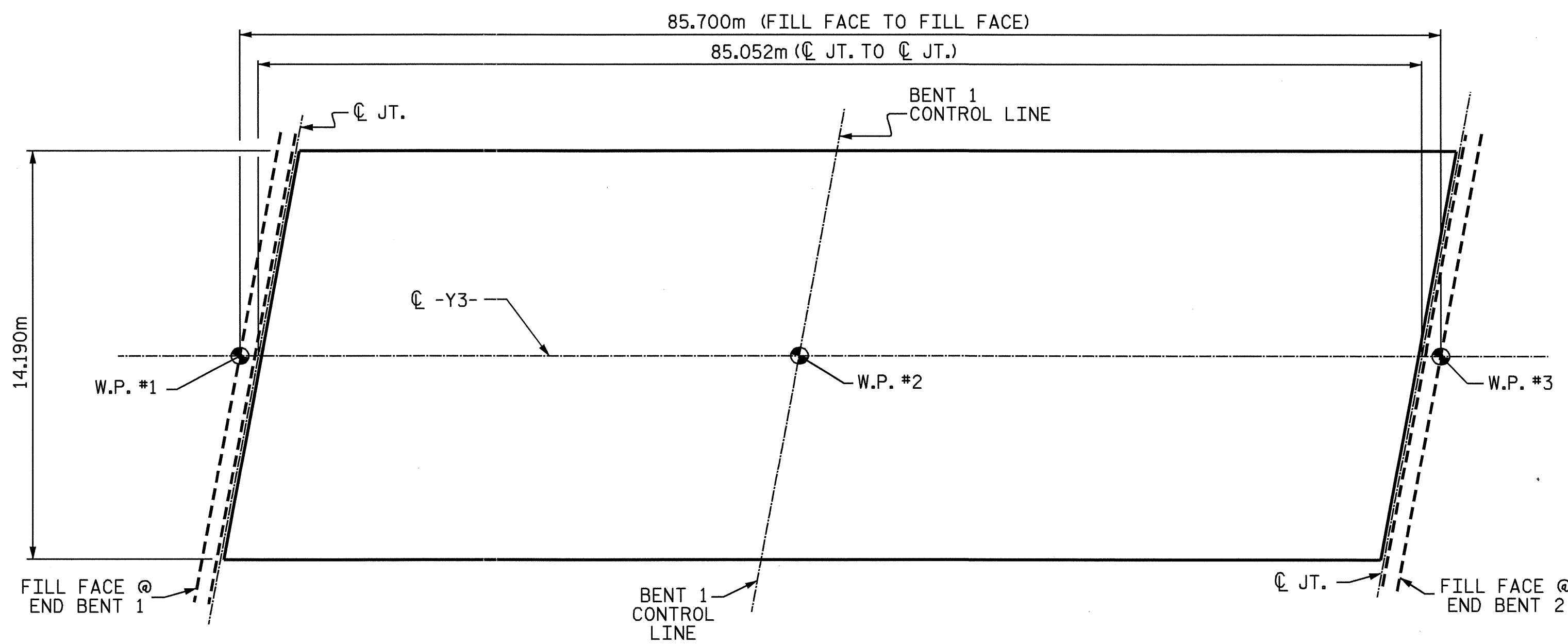
POURING SEQUENCE

CONCRETE QUANTITY BREAKDOWN	
POUR 1	POUR 2
98.5 m ³	208.0 m ³



TRANSVERSE CONSTRUCTION JOINT DETAIL

SLAB REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT



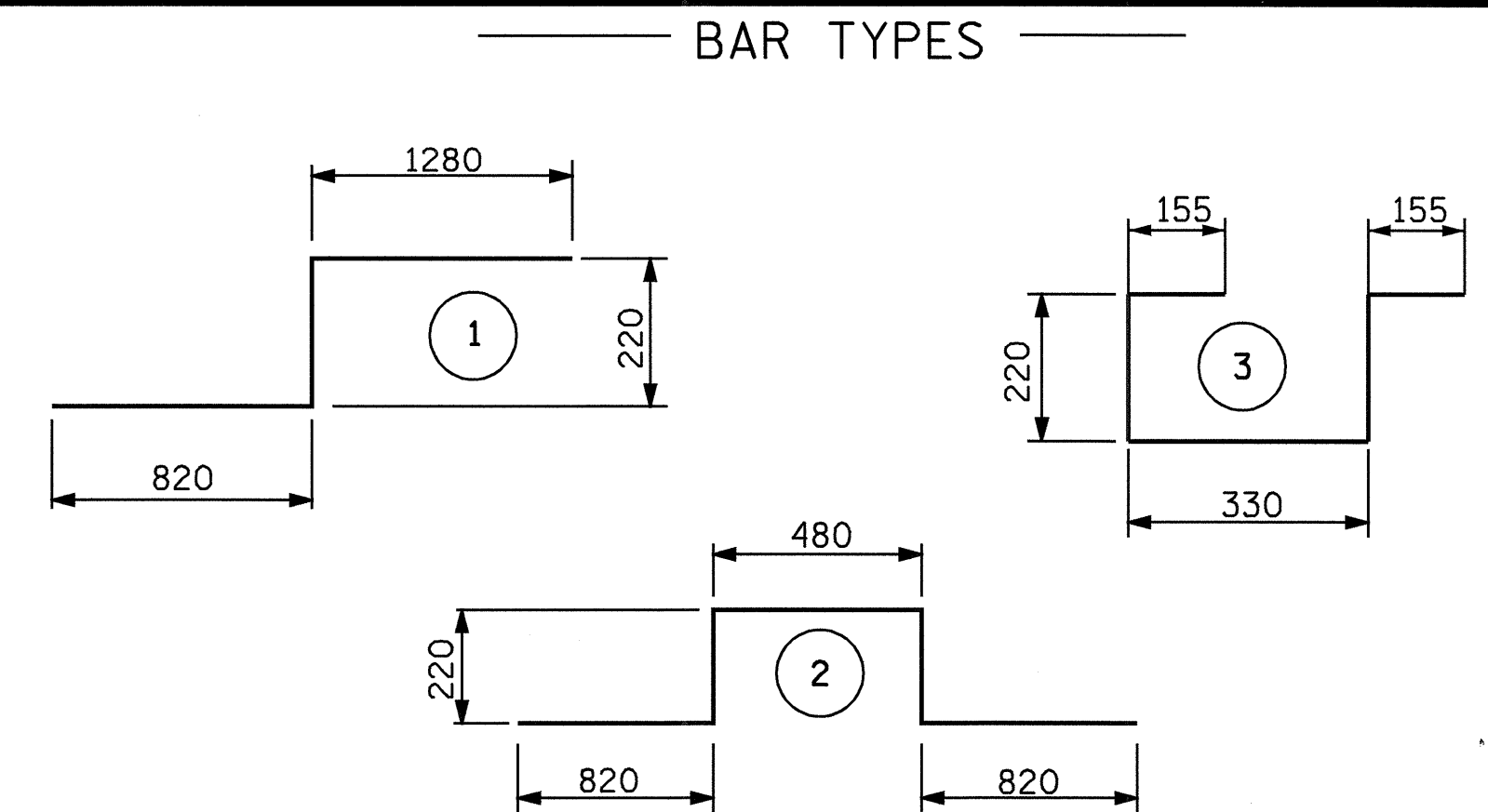
LAYOUT FOR COMPUTING AREA
OF REINFORCED CONCRETE DECK SLAB
(SQ. METER = 1202.6)

DRAWN BY : S.M. RASHIDI DATE : 02/10/01
CHECKED BY : T.A. WALTER DATE : 02/10/01

BILL OF MATERIAL					
SPANS A & B					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	549	#16	STR	14040	11963
A2	549	#16	STR	14040	11963
*A101	2	#16	STR	13580	42
*A102	2	#16	STR	12800	40
*A103	2	#16	STR	12020	37
*A104	2	#16	STR	11240	35
*A105	2	#16	STR	10460	32
*A106	2	#16	STR	9660	30
*A107	2	#16	STR	8880	28
*A108	2	#16	STR	8100	25
*A109	2	#16	STR	7320	23
*A110	2	#16	STR	6540	20
*A111	2	#16	STR	5740	18
*A112	2	#16	STR	4960	15
*A113	2	#16	STR	4180	13
*A114	2	#16	STR	3400	11
*A115	2	#16	STR	2620	8
*A116	2	#16	STR	1840	6
*A117	2	#16	STR	1040	3
A201	2	#16	STR	13580	42
A202	2	#16	STR	12800	40
A203	2	#16	STR	12020	37
A204	2	#16	STR	11240	35
A205	2	#16	STR	10460	32
A206	2	#16	STR	9660	30
A207	2	#16	STR	8880	28
A208	2	#16	STR	8100	25
A209	2	#16	STR	7320	23
A210	2	#16	STR	6540	20
A211	2	#16	STR	5740	18
A212	2	#16	STR	4960	15
A213	2	#16	STR	4180	13
A214	2	#16	STR	3400	11
A215	2	#16	STR	2620	8
A216	2	#16	STR	1840	6
A217	2	#16	STR	1040	3
* B1	99	#13	STR	7980	785
* B2	126	#22	STR	15500	5941
* B3	132	#13	STR	8960	1176
B4	280	#16	STR	17520	7613
* G1	2	#16	STR	14300	44
* K1	8	#16	1	2320	29
* K2	12	#16	2	2560	48
K3	16	#16	STR	2580	64
* S1	72	#13	3	1080	77
REINFORCING STEEL				=	20,026kg
* EPOXY COATED REINFORCING STEEL				=	20,449kg

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 BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL

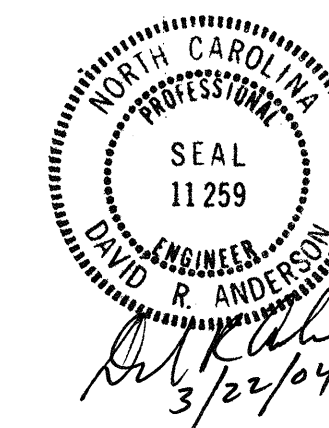
	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU. METER)	(kg.)	(kg.)
SPAN 'A' & 'B'	306.5	20026	20449
TOTALS **	306.5	20026	20449

** QUANTITIES FOR CONCRETE BARRIER RAIL ARE NOT INCLUDED.

GROOVING BRIDGE FLOORS *
BRIDGE DECK 1258.0 SQ. METERS

* INCLUDES QUANTITY ON APPROACH SLABS

PROJECT NO. R-513C
ROBESON COUNTY
STATION: 17+37.086 -Y3-



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE BILL OF MATERIAL					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. 5-229
TOTAL SHEETS 312