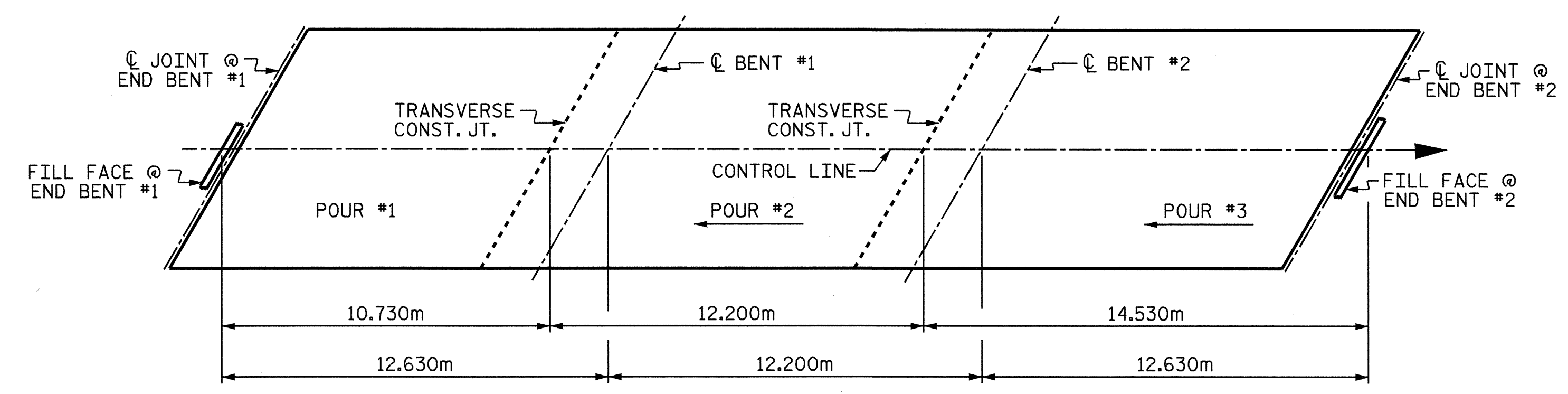
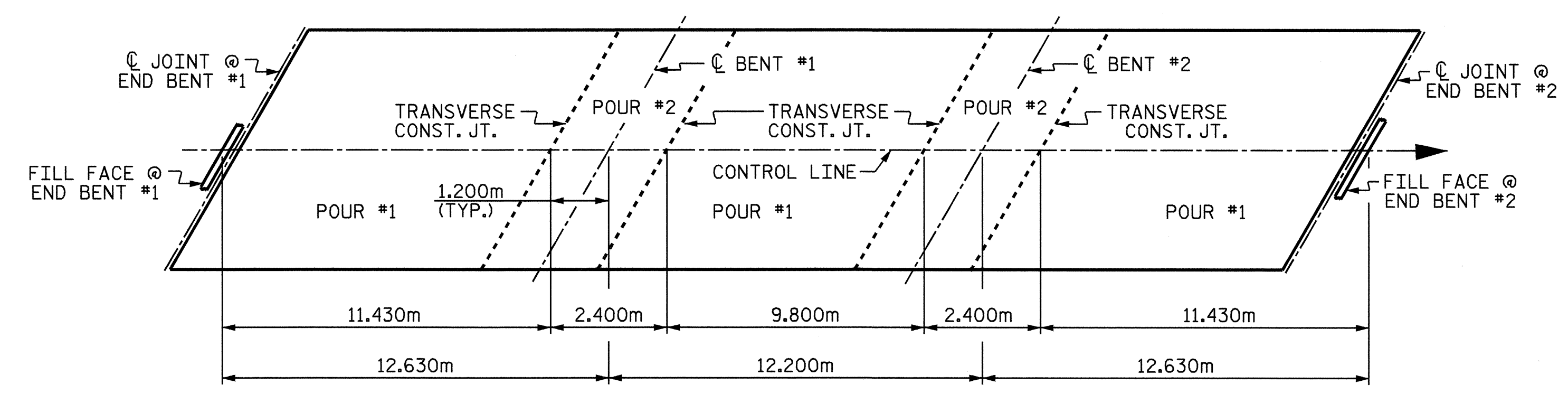


LAYOUT FOR COMPUTING AREA
REINFORCED CONCRETE DECK SLAB
(SQ. METERS = 433)



POURING SEQUENCE



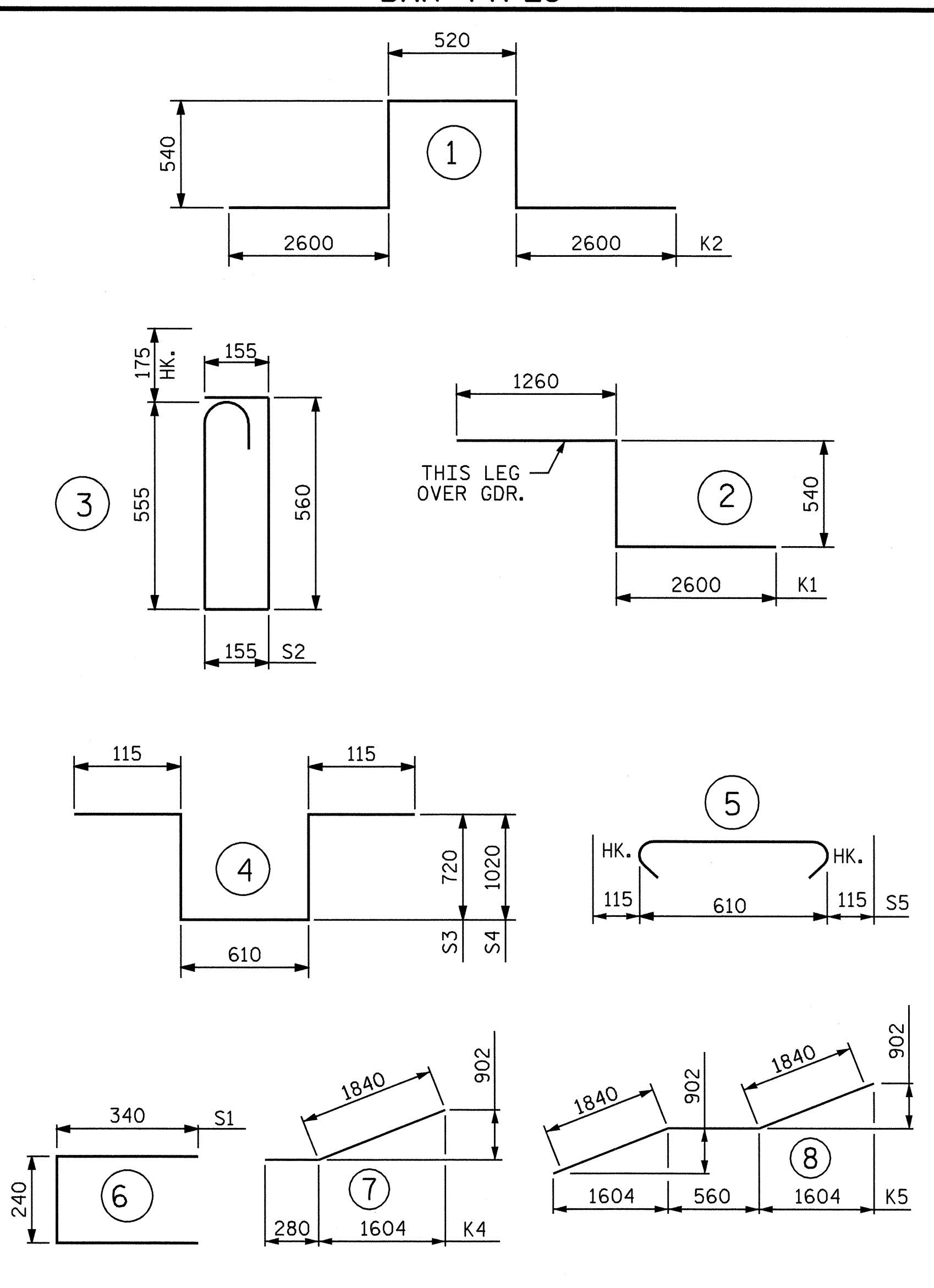
OPTIONAL POURING SEQUENCE

POUR #2 CAN NOT BE STARTED UNTIL BOTH ADJACENT #1
POURS REACH A MINIMUM OF 20.7 MPA

BILL OF MATERIAL

SPANS A THRU C					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	224	#16	STR	11640	4047
* A101	4	#16	STR	11060	69
* A102	4	#16	STR	10460	65
* A103	4	#16	STR	9860	61
* A104	4	#16	STR	9260	57
* A105	4	#16	STR	8660	54
* A106	4	#16	STR	8060	50
* A107	4	#16	STR	7460	46
* A108	4	#16	STR	6860	43
* A109	4	#16	STR	6260	39
* A110	4	#16	STR	5660	35
* A111	4	#16	STR	5060	31
* A112	4	#16	STR	4460	28
* A113	4	#16	STR	3860	24
* A114	4	#16	STR	3260	20
* A115	4	#16	STR	2660	17
* A116	4	#16	STR	2060	13
* A117	4	#16	STR	1460	9
* A118	4	#16	STR	860	5
A2	224	#16	STR	11640	4047
A201	4	#16	STR	11060	69
A202	4	#16	STR	10460	65
A203	4	#16	STR	9860	61
A204	4	#16	STR	9260	57
A205	4	#16	STR	8660	54
A206	4	#16	STR	8060	50
A207	4	#16	STR	7460	46
A208	4	#16	STR	6860	43
A209	4	#16	STR	6260	39
A210	4	#16	STR	5660	35
A211	4	#16	STR	5060	31
A212	4	#16	STR	4460	28
A213	4	#16	STR	3860	24
A214	4	#16	STR	3260	20
A215	4	#16	STR	2660	17
A216	4	#16	STR	2060	13
A217	4	#16	STR	1460	9
A218	4	#16	STR	860	5
* B1	56	#13	STR	8380	466
* B2	28	#13	STR	4840	135
* B3	56	#22	STR	10360	1765
* B4	50	#22	STR	3680	560
B5	159	#16	STR	12640	3119
* G1	2	#16	STR	12840	40
* K1	8	#25	2	4400	140
* K2	8	#25	1	6800	216
* K3	18	#19	STR	3160	127
K4	16	#13	7	2120	34
K5	16	#13	8	4240	67
K6	12	#13	STR	3160	38
K7	24	#13	STR	3340	80
K8	12	#13	STR	2600	31
* S1	66	#13	6	920	60
* S2	66	#16	3	1600	164
S3	12	#13	4	2280	27
S4	48	#13	4	2880	137
S5	168	#13	5	840	147
REINFORCING STEEL				=	8386 KG
* EPOXY COATED REINF. STEEL				=	8386 KG

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

GROOVING BRIDGE FLOORS	
BRIDGE DECK	361 SQ.METER
APPROACH SLABS	192 SQ.METER
TOTAL	553 SQ.METER

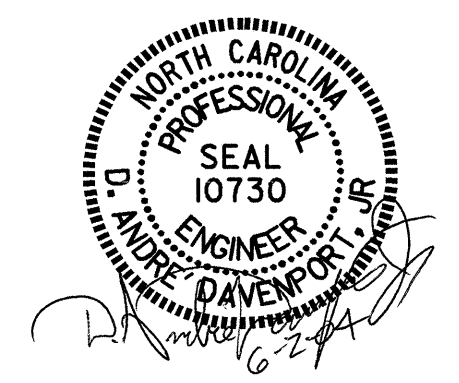
SUPERSTRUCTURE BILL OF MATERIAL				
OPTIONAL POURING SEQUENCE	CLASS AA CONCRETE (CU. METER)	CLASS AA CONCRETE (CU. METER)	REINFORCING STEEL (kg)	* EPOXY COATED REINFORCING STEEL (kg)
POUR #1	104.1	POUR #1 34.4		
POUR #2	29.7	POUR #2 45.7		
		POUR #3 53.7		
TOTALS**		133.8	8386	8386

**QUANTITIES FOR BARRIER RAIL 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			

ASSEMBLED BY : B.N. GRADY DATE : 9/02
 CHECKED BY : H.T. BARBOUR DATE : 9/03
 DRAWN BY : JMB 5/87 E.M./GRP
 CHECKED BY : SJD 9/87 REV. 8/16/99 RWW/LES



PROJECT NO. R-2610B
 CHATHAM COUNTY
 STATION: 97+00.000-L-

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. S-40
 TOTAL SHEETS 60

STD. NO. BOM2SM