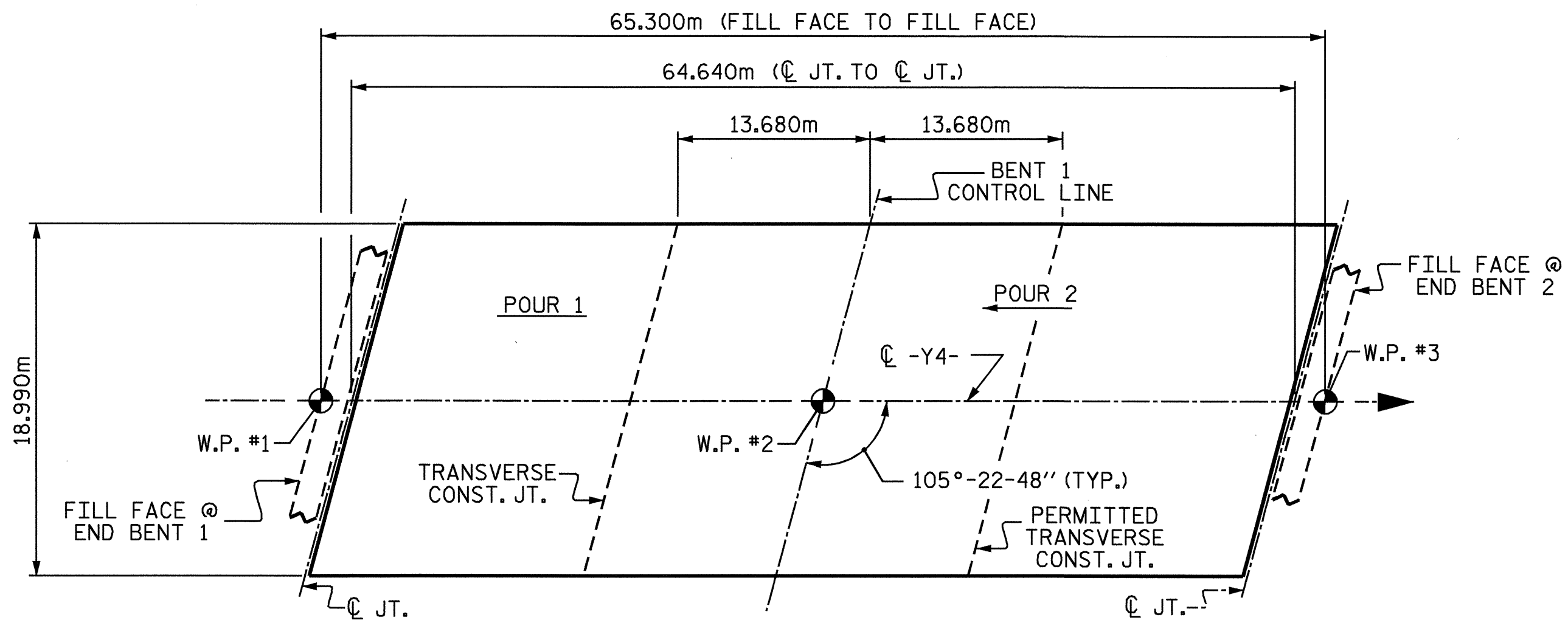


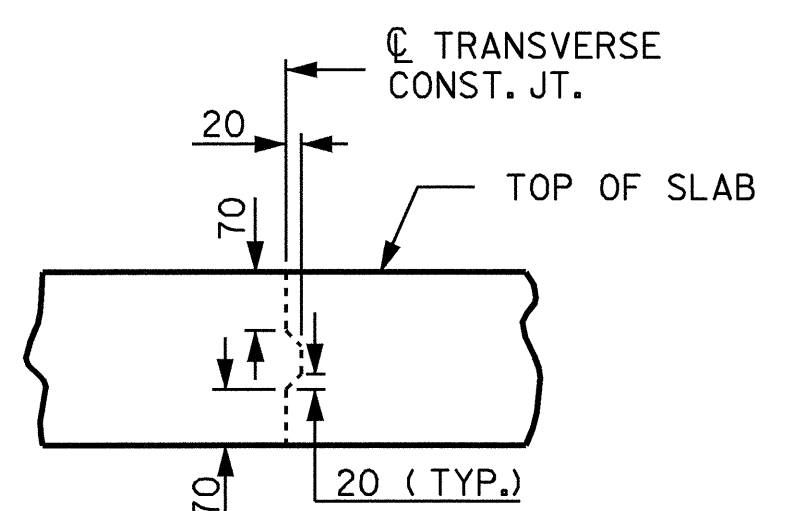
REINFORCING BAR SCHEDULE

BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	850	16	STR	9820	12955	* B1	129	13	STR	7560	969
A2	850	16	STR	9760	12875	* B2	166	22	STR	12500	6312
* A101	4	16	STR	17860	111	* B3	129	13	STR	7280	933
* A102	4	16	STR	16840	105	B4	340	16	STR	16460	8687
* A103	4	16	STR	15820	98	* G1	4	16	STR	10160	63
* A104	4	16	STR	14800	92	* K1	8	16	1	2500	31
* A105	4	16	STR	13780	86	* K2	16	16	2	2500	62
* A106	4	16	STR	12760	79	K3	20	16	STR	2980	92
* A107	4	16	STR	11740	73	* S1	100	13	3	1060	105
* A108	4	16	STR	10720	67	REINFORCING STEEL		kg.		22683	
* A109	4	16	STR	9700	60	* EPOXY COATED REINFORCING STEEL		kg.		22459	
* A110	4	16	STR	8680	54	* THESE BARS ARE EPOXY COATED					
* A111	4	16	STR	7680	48						
* A112	4	16	STR	6600	41						
* A113	4	16	STR	5640	35						
* A114	4	16	STR	4620	29						
* A115	4	16	STR	3600	22						
* A116	4	16	STR	2580	16						
* A117	4	16	STR	1560	10						
* A118	4	16	STR	540	3						
A201	4	16	STR	17860	111						
A202	4	16	STR	16840	105						
A203	4	16	STR	15820	98						
A204	4	16	STR	14800	92						
A205	4	16	STR	13780	86						
A206	4	16	STR	12760	79						
A207	4	16	STR	11740	73						
A208	4	16	STR	10720	67						
A209	4	16	STR	9700	60						
A210	4	16	STR	8680	54						
A211	4	16	STR	7680	48						
A212	4	16	STR	6600	41						
A213	4	16	STR	5640	35						
A214	4	16	STR	4620	29						
A215	4	16	STR	3600	22						
A216	4	16	STR	2580	16						
A217	4	16	STR	1560	10						
A218	4	16	STR	540	3						



POURING SEQUENCE

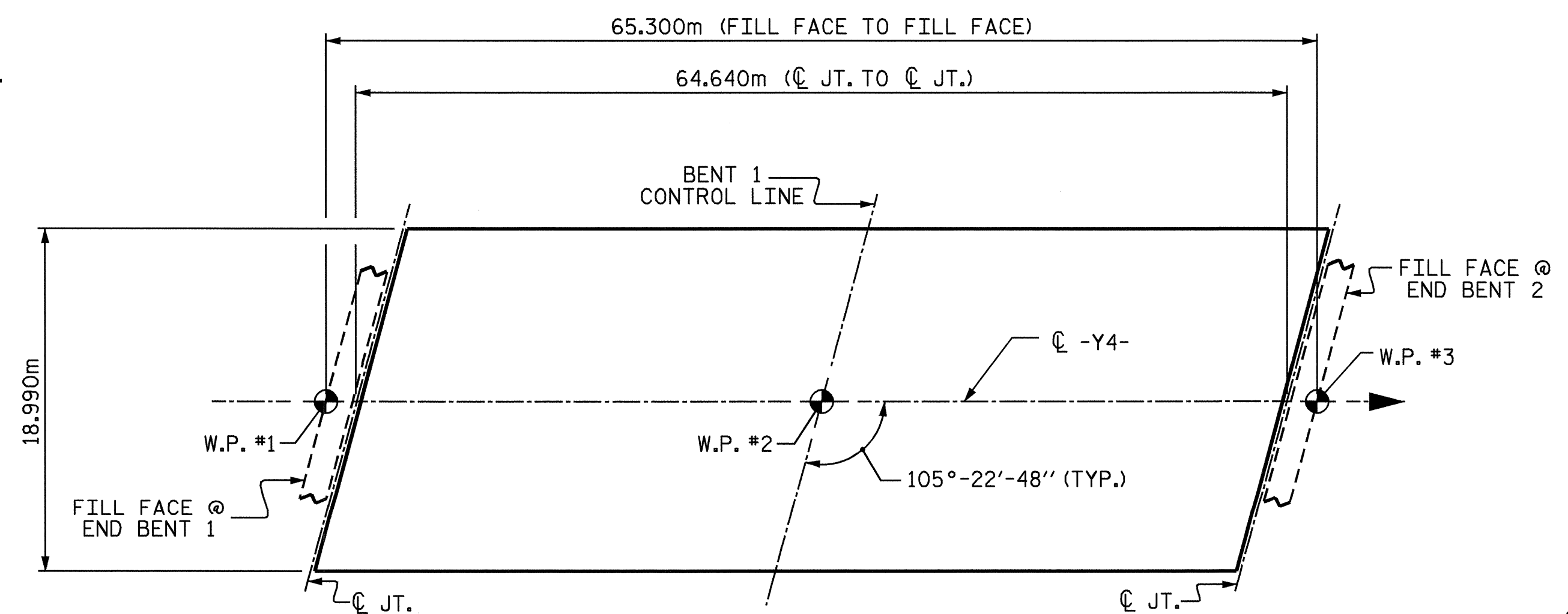
CONCRETE QUANTITY BREAKDOWN	
POUR 1	POUR 2
95.5 CUBIC METERS	230.5 CUBIC METERS



TRANSVERSE CONSTRUCTION JOINT DETAIL
SLAB REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT

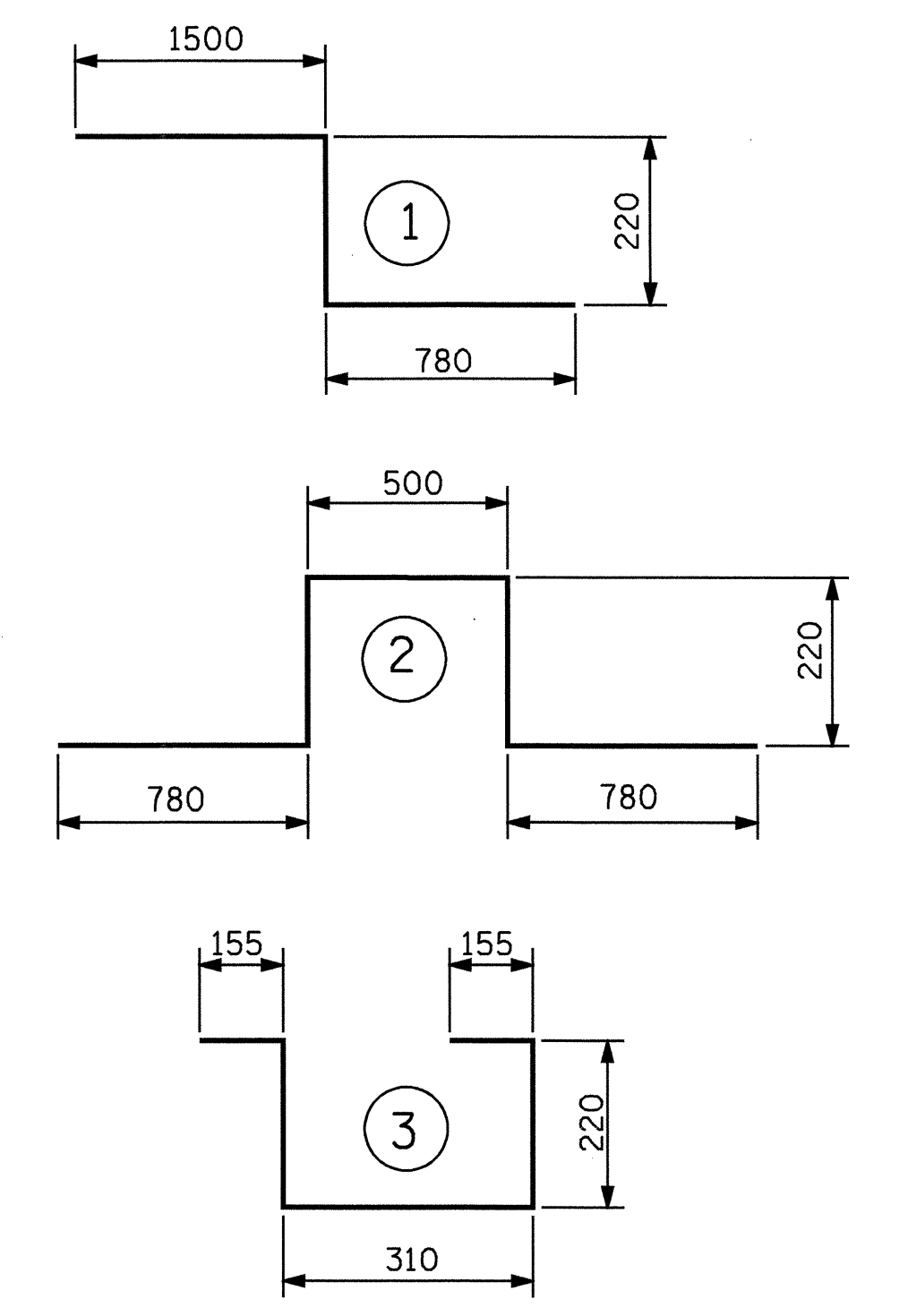
SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

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			



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. METER = 1224.3)

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE (CU.METER)	REINFORCING STEEL (kg)	EPOXY COATED REINFORCING STEEL (kg)
SPANS "A & B"	326.0	22,683	22,459
TOTALS**	326.0	22,683	22,459

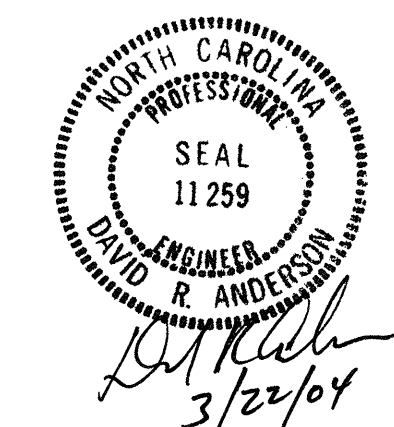
** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

GROOVING BRIDGE FLOORS

BRIDGE DECK *	1443.0	SQ.METER
TOTAL	1443.0	SQ.METER

* INCLUDES QUANTITY ON APPROACH SLAB

PROJECT NO. R-513C
ROBESON COUNTY
STATION: 318+10.648 -L-



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

ASSEMBLED BY : N. Q. TRAN DATE : MAY-2001
CHECKED BY : T. A. WALTER DATE : 10-24-02
DRAWN BY : JMB 5/87 REV. 5/16/97 EEM/RGW
CHECKED BY : SJD 9/87

REVISIONS				SHEET NO. 5-297
NO.	BY:	DATE:	NO.	
1			3	TOTAL SHEETS 312
2			4	

STR. #7

STD. NO. BOM1SM