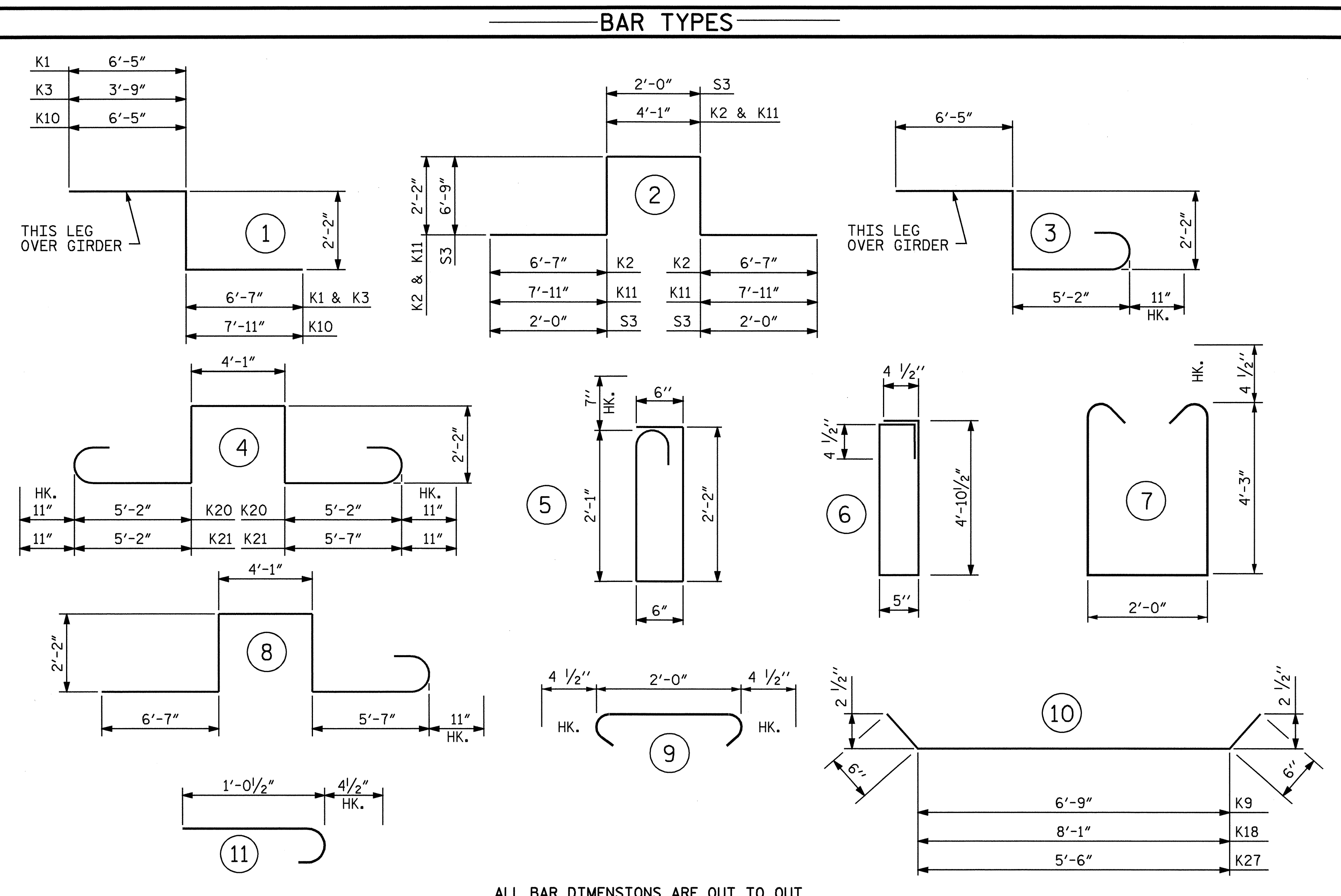


REINFORCING STEEL																	
STAGE I																	
SPANS A-B					SPANS C-E					SPANS F-G							
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	395	5	STR	33'-3"	13699	*A1	656	5	STR	33'-3"	22750	*A1	349	5	STR	33'-3"	12103
A2	395	5	STR	33'-3"	13699	A2	656	5	STR	33'-3"	22750	A2	349	5	STR	33'-3"	12103
*B1	69	4	STR	22'-5"	1033	*B6	138	4	STR	28'-6"	2627	*B11	92	4	STR	23'-10"	1465
*B2	135	5	STR	26'-10"	3778	*B7	270	5	STR	28'-11"	8143	*B12	135	5	STR	24'-2"	3403
*B3	44	5	STR	32'-3"	1480	*B8	88	5	STR	35'-3"	3235	*B13	44	5	STR	28'-6"	1308
*B4	69	4	STR	28'-6"	1314	*B9	46	4	STR	21'-6"	661	*B14	46	4	STR	20'-10"	640
B5	112	5	STR	55'-3"	6454	B10	196	5	STR	53'-1"	10852	B15	112	5	STR	49'-0"	5724
*D1	395	6	STR	3'-0"	1780	*D1	656	6	STR	3'-0"	2956	*D1	349	6	STR	3'-0"	1573
J1	33	4	11	1'-5"	31	J1	66	4	11	1'-5"	62	J1	33	4	11	1'-5"	31
*K1	4	8	1	15'-2"	162	*K1	4	8	1	15'-2"	162	*K1	4	8	1	15'-2"	162
*K2	8	8	2	21'-7"	461	*K2	8	8	2	21'-7"	461	*K2	8	8	2	21'-7"	461
*K3	4	8	1	12'-6"	134	*K3	4	8	1	12'-6"	134	*K3	4	8	1	12'-6"	134
K4	6	4	STR	5'-1"	20	K4	12	4	STR	5'-1"	41	K4	6	4	STR	5'-1"	20
K5	30	4	STR	8'-1"	162	K5	60	4	STR	8'-1"	324	K5	30	4	STR	8'-1"	162
K6	6	4	STR	5'-4"	21	K6	12	4	STR	5'-4"	43	K6	6	4	STR	5'-4"	21
K7	7	4	STR	27'-3"	127	K7	14	4	STR	27'-3"	255	K7	7	4	STR	27'-3"	127
K8	90	5	STR	8'-1"	759	K8	180	5	STR	8'-1"	1518	K8	90	5	STR	8'-1"	759
S1	18	5	10	7'-9"	145	K9	36	5	10	7'-9"	291	K9	18	5	10	7'-9"	145
*S1	36	4	5	5'-10"	140	*S1	36	4	5	5'-10"	140	*S1	36	4	5	5'-10"	140
S2	6	4	7	11'-3"	45	S2	12	4	7	11'-3"	90	S2	6	4	7	11'-3"	45
S3	18	4	2	19'-6"	234	S3	36	4	2	19'-6"	469	S3	18	4	2	19'-6"	234
S4	126	4	9	2'-9"	231	S4	252	4	9	2'-9"	463	S4	126	4	9	2'-9"	198
S5	63	4	6	11'-4"	477	S5	126	4	6	11'-4"	954	S5	63	4	6	11'-4"	477
REINFORCING STEEL					22405 LBS.	REINFORCING STEEL					38112 LBS.	REINFORCING STEEL					20046 LBS.
*EPOXY COATED REINFORCING STEEL					23981 LBS.	*EPOXY COATED REINFORCING STEEL					41269 LBS.	*EPOXY COATED REINFORCING STEEL					21389 LBS.

REINFORCING STEEL																	
STAGE II																	
SPANS A-B					SPANS C-E					SPANS F-G							
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A3	395	5	STR	37'-3"	15346	*A3	656	5	STR	37'-3"	25487	*A3	349	5	STR	37'-3"	13559
A4	395	5	STR	37'-3"	15346	A4	656	5	STR	37'-3"	25487	A4	349	5	STR	37'-3"	13559
*B1	78	4	STR	22'-5"	1168	*B6	156	4	STR	28'-6"	2970	*B11	104	4	STR	23'-10"	1656
*B2	150	5	STR	26'-10"	4198	*B7	300	5	STR	28'-11"	9048	*B12	150	5	STR	24'-2"	3781
*B3	49	5	STR	32'-3"	1648	*B8	98	5	STR	35'-3"	3603	*B13	49	5	STR	28'-6"	1457
*B4	78	4	STR	28'-6"	1485	*B9	52	4	STR	21'-6"	747	*B14	52	4	STR	20'-10"	724
B5	136	5	STR	55'-3"	7837	B10	238	5	STR	53'-1"	13177	B15	112	5	STR	49'-0"	5724
*D1	395	6	STR	3'-0"	1780	*D1	656	6	STR	3'-0"	2956	*D1	349	6	STR	3'-0"	1573
J1	37	4	11	1'-5"	35	J1	74	4	11	1'-5"	70	J1	37	4	11	1'-5"	35
*K10	4	8	1	16'-6"	176	*K10	4	8	1	16'-6"	176	*K19	4	8	3	14'-8"	157
*K11	8	8	2	22'-9"	486	*K11	8	8	2	22'-9"	486	*K20	12	8	4	20'-7"	659
*K12	4	8	8	21'-6"	230	*K12	4	8	8	21'-6"	230	*K21	4	8	4	21'-0"	224
K13	6	4	STR	6'-5"	26	K13	12	4	STR	6'-5"	51	K22	8	4	STR	3'-10"	20
K14	30	4	STR	9'-5"	189	K14	60	4	STR	9'-5"	377	K23	40	4	STR	6'-10"	183
K15	6	4	STR	6'-8"	27	K15	12	4	STR	6'-8"	53	K24	8	4	STR	4'-1"	22
K16	14	4	STR	16'-8"	156	K16	28	4	STR	16'-8"	312	K25	14	4	STR	16'-8"	156
K17	90	5	STR	9'-5"	884	K17	180	5	STR	9'-5"	1768	K26	120	5	STR	6'-10"	855
K18	18	5	10	9'-1"	171	K18	36	5	10	9'-1"	341	K27	24	5	10	6'-6"	163
*S1	42	4	5	5'-10"	164	*S1	42	4	5	5'-10"	164	*S1	32	4	5	5'-10"	125
S2	6	4	7	11'-6"	45	S2	12	4	7	11'-6"	90	S2	8	4	7	11'-6"	60
S3	21	4	2	19'-6"	274	S3	42	4	2	19'-6"	547	S3	16	4	2	19'-6"	208
S4	144	4	9	2'-9"	265	S4	288	4	9	2'-9"	529	S4	120	4	9	2'-9"	220
S5	72	4	6	11'-4"	545	S5	144	4	6	11'-4"	1090	S5	72	4	6	11'-4"	545
REINFORCING STEEL					25800 LBS.	REINFORCING STEEL					43892 LBS.	REINFORCING STEEL					21750 LBS.
*EPOXY COATED REINFORCING STEEL					26681 LBS.	*EPOXY COATED REINFORCING STEEL					45867 LBS.	*EPOXY COATED REINFORCING STEEL					23915 LBS.

REINFORCING STEEL																	
CLOSURE POUR																	
SPANS A-B					SPANS C-E					SPANS F-G							
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A5	395	5	STR	3'-8"	1511	*A5	656	5	STR	3'-8"	2509	*A5	349	5	STR	3'-8"	1335
A6	395	5	STR	3'-8"	1511	A6	656	5	STR	3'-8"	2509	A6	349	5	STR	3'-8"	1335
*B1	9	4	STR	22'-5"	135	*B6	18	4	STR	28'-6"	343	*B11	12	4	STR	23'-10"	191
*B2	15	5	STR	26'-10"	419	*B7	30	5	STR	28'-11"	905	*B12	15	5	STR	24'-2"	378
*B3	4	5	STR	32'-3"	135	*B8	8	5	STR	35'-3"	294	*B13	4	5	STR	28'-6"	119
*B4	9	4	STR	28'-6"	171	*B9	6	4	STR	21'-6"	86	*B14	6	4	STR	20'-10"	84
B5	20	5	STR	55'-3"	1153	B10	35	5	STR	53'-1"	1938	B15	20	5	STR	49'-0"	1022
J1	3	4	11	1'-5"	3	J1	6	4	11	1'-5"	6	J1	3	4	11	1'-5"	3
REINFORCING STEEL					2667 LBS.	REINFORCING STEEL					4453 LBS.	REINFORCING STEEL					2360 LBS.
*EPOXY COATED REINFORCING STEEL					2371 LBS.	*EPOXY COATED REINFORCING STEEL					4137 LBS.	*EPOXY COATED REINFORCING STEEL					2107 LBS.

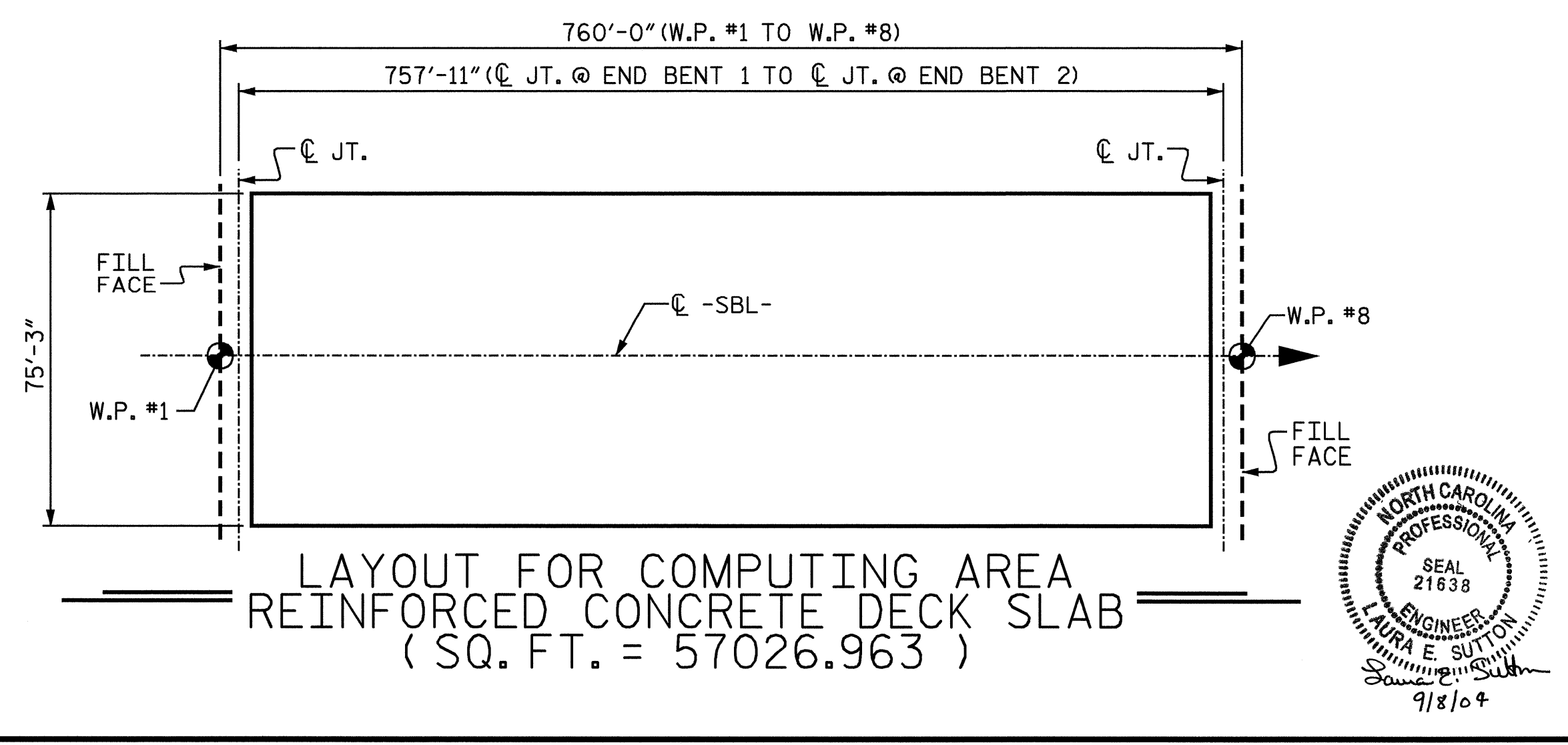


SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS					
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	2'-4"	2'-1"	2'-0"	1'-9"	2'-9"
#5	3'-0"	2'-7"	2'-6"	2'-2"	3'-5"
#6	3'-7"	3'-1"	3'-10"	2'-7"	4'-4"
#7	6'-2"	4'-2"			
#8	8'-1"	5'-6"			

GROOVING BRIDGE FLOORS	
APPROACH SLABS	3326 SQ.FT.
BRIDGE DECK	52140 SQ.FT.
TOTAL	55466 SQ.FT.

— SUPERSTRUCTURE BILL OF MATERIAL —			
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
SPANS A-B	683.7	50872	53033
SPANS C-E	1147.6	86457	91273
SPANS F-G	620.1	44156	47407
TOTALS **	2451.4	181415	191713

**QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED



PROJECT NO. I-4025A
 YADKIN - SURRY COUNTY
 STATION: 28+95.00 -SBL-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE BILL OF MATERIAL

REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	DATE:	
1			3		TOTAL SHEETS
2			4		12

ASSEMBLED BY: T.A. WALTER DATE: 6/9/2004
 CHECKED BY: M.A. ALLEN DATE: 8/6/04

DRAWN BY: JMB 5/87 REV. 6/1/94 EEM/GRP
 CHECKED BY: SJD 9/87 REV. 8/16/99 RWW/LES

18-AUG-2004 09:18
 w:\Squad\14025a\T.walter\I4025A_SD.BM.dgn
 T.walter

9/8/04