

REINFORCING BAR SCHEDULE

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A100	135	#5	STR	54'-8"	7,697	A300	135	#5	STR	54'-8"	7,697	* B1	320	#4	STR	27'-4"	5,843
* A101	2	#5	STR	3'-0"	6	A301	2	#5	STR	3'-0"	6	B2	216	#5	STR	53'-0"	11,940
* A102	2	#5	STR	4'-0"	8	A302	3	#5	STR	4'-0"	13						
* A103	2	#5	STR	4'-7"	10	A303	2	#5	STR	5'-4"	11	* G1	6	#5	STR	46'-6"	291
* A104	4	#5	STR	6'-7"	27	A304	4	#5	STR	7'-4"	31						
* A105	4	#5	STR	8'-8"	36	A305	4	#5	STR	9'-4"	39	* J1	264	#4	6	1'-5"	250
* A106	4	#5	STR	10'-8"	45	A306	4	#5	STR	11'-4"	47						
* A107	4	#5	STR	12'-8"	53	A307	4	#5	STR	13'-4"	56	* K1	8	#8	1	19'-2"	409
* A108	4	#5	STR	14'-8"	61	A308	4	#5	STR	15'-4"	64	* K2	36	#8	2	28'-0"	2,691
* A109	4	#5	STR	16'-8"	70	A309	4	#5	STR	17'-5"	73	* K3	20	#6	STR	11'-5"	343
* A110	4	#5	STR	18'-8"	78	A310	4	#5	STR	19'-5"	81	* K4	20	#6	STR	9'-0"	270
* A111	4	#5	STR	20'-8"	86	A311	4	#5	STR	21'-5"	89	* K5	20	#6	STR	7'-10"	235
* A112	4	#5	STR	22'-8"	95	A312	4	#5	STR	23'-5"	98						
* A113	4	#5	STR	24'-9"	103	A313	4	#5	STR	25'-5"	106	* S1	160	#5	3	6'-0"	1,001
* A114	4	#5	STR	26'-9"	112	A314	4	#5	STR	27'-5"	114	* S2	160	#4	4	5'-8"	606
* A115	4	#5	STR	28'-9"	120	A315	4	#5	STR	29'-5"	123	* S3	40	#4	5	4'-4"	116
* A116	4	#5	STR	30'-9"	128	A316	4	#5	STR	31'-5"	131						
* A117	4	#5	STR	32'-9"	137	A317	4	#5	STR	33'-6"	140						
* A118	4	#5	STR	34'-9"	145	A318	4	#5	STR	35'-6"	148						
* A119	4	#5	STR	36'-9"	153	A319	4	#5	STR	37'-6"	156						
* A120	4	#5	STR	38'-9"	162	A320	4	#5	STR	39'-6"	165						
* A121	4	#5	STR	40'-10"	170	A321	4	#5	STR	41'-6"	173						
* A122	4	#5	STR	42'-10"	179	A322	4	#5	STR	43'-6"	181						
* A123	4	#5	STR	44'-10"	187	A323	4	#5	STR	45'-6"	190						
* A124	4	#5	STR	46'-10"	195	A324	4	#5	STR	47'-6"	198						
* A125	4	#5	STR	48'-10"	204	A325	4	#5	STR	49'-7"	207						
* A126	4	#5	STR	50'-10"	212	A326	4	#5	STR	51'-7"	215						
* A127	4	#5	STR	52'-10"	220	A327	4	#5	STR	53'-7"	224						
* A200	414	#5	STR	23'-8"	10,219	A400	414	#5	STR	23'-6"	10,147						
* A201	2	#5	STR	3'-6"	7	A401	3	#5	STR	3'-6"	11						
* A202	3	#5	STR	4'-6"	14	A402	3	#5	STR	4'-6"	14						
* A203	4	#5	STR	5'-7"	23	A403	4	#5	STR	6'-4"	26						
* A204	4	#5	STR	7'-8"	32	A404	4	#5	STR	8'-4"	35						
* A205	4	#5	STR	9'-8"	40	A405	4	#5	STR	10'-4"	43						
* A206	4	#5	STR	11'-8"	49	A406	4	#5	STR	12'-4"	51						
* A207	4	#5	STR	13'-8"	57	A407	4	#5	STR	14'-4"	60						
* A208	4	#5	STR	15'-8"	65	A408	4	#5	STR	16'-4"	68						
* A209	4	#5	STR	17'-8"	74	A409	4	#5	STR	18'-5"	77						
* A210	4	#5	STR	19'-8"	82	A410	4	#5	STR	20'-5"	85						
* A211	4	#5	STR	21'-8"	90	A411	4	#5	STR	22'-5"	94						
* A212	4	#5	STR	23'-9"	99	A412	4	#5	STR	24'-5"	102						
* A213	4	#5	STR	25'-9"	107	A413	4	#5	STR	26'-5"	110						
* A214	4	#5	STR	27'-9"	116	A414	4	#5	STR	28'-5"	119						
* A215	4	#5	STR	29'-9"	124	A415	4	#5	STR	30'-5"	127						
* A216	4	#5	STR	31'-9"	132	A416	4	#5	STR	32'-6"	136						
* A217	4	#5	STR	33'-9"	141	A417	4	#5	STR	34'-6"	144						
* A218	4	#5	STR	35'-9"	149	A418	4	#5	STR	36'-6"	152						
* A219	4	#5	STR	37'-9"	157	A419	4	#5	STR	38'-6"	161						
* A220	4	#5	STR	39'-10"	166	A420	4	#5	STR	40'-6"	169						
* A221	4	#5	STR	41'-10"	175	A421	4	#5	STR	42'-6"	177						
* A222	4	#5	STR	43'-10"	183	A422	4	#5	STR	44'-6"	186						
* A223	4	#5	STR	45'-10"	191	A423	4	#5	STR	46'-6"	194						
* A224	4	#5	STR	47'-10"	200	A424	4	#5	STR	48'-7"	203						
* A225	4	#5	STR	49'-10"	208	A425	4	#5	STR	50'-7"	211						
* A226	4	#5	STR	51'-10"	216	A426	4	#5	STR	52'-7"	219						
* A227	4	#5	STR	53'-10"	225	A427	4	#5	STR	54'-7"	228						
* A228	4	#5	STR	55'-11"	233	A428	4	#5	STR	56'-7"	236						
* A229	4	#5	STR	57'-11"	242	A429	4	#5	STR	58'-7"	244						

REINFORCING STEEL LBS. 36,545
 * EPOXY COATED REINFORCING STEEL LBS. 36,570

SUPERSTRUCTURE BILL OF MATERIAL

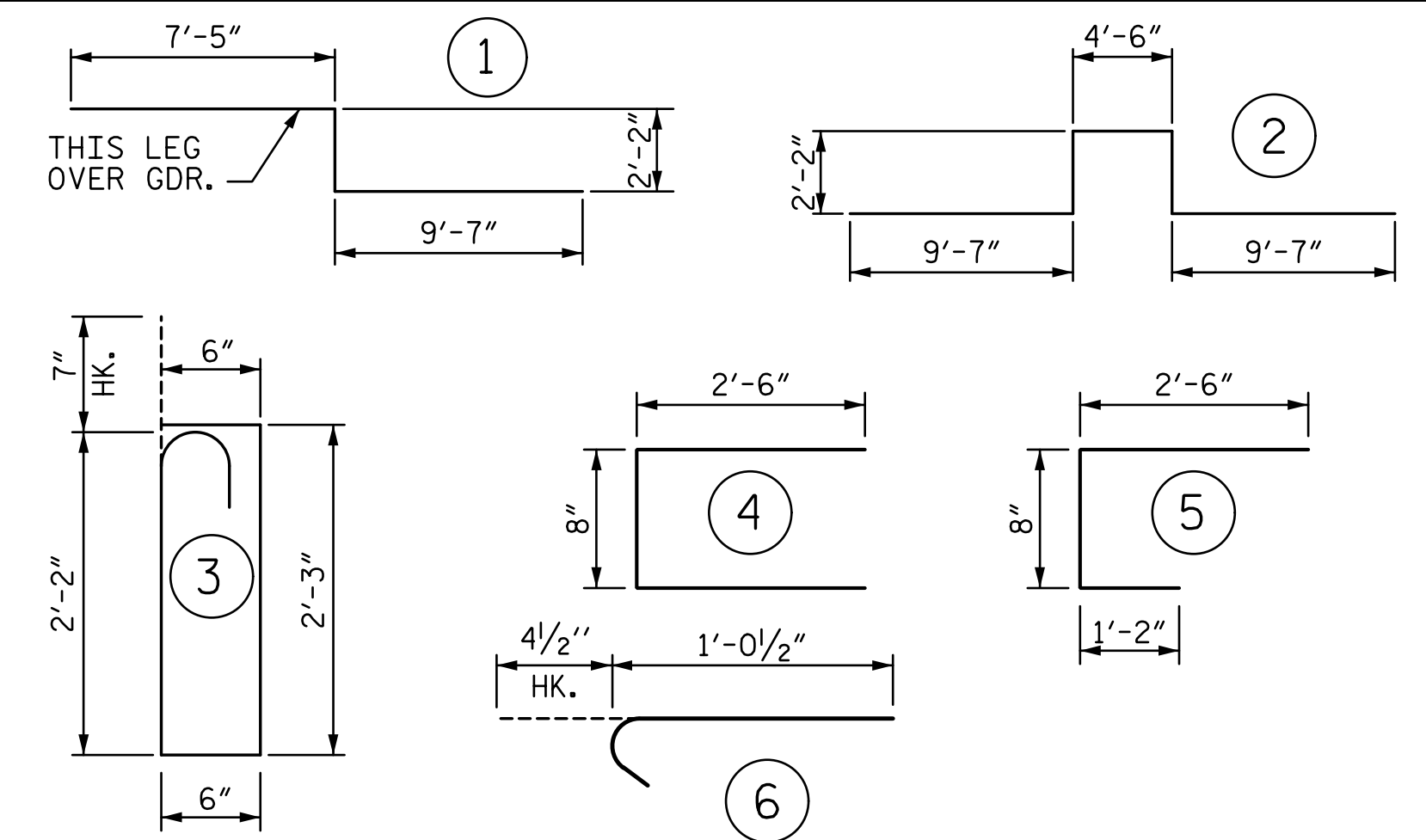
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	154.7	-	-
POUR 2	193.5	-	-
POUR 3	12.3	-	-
POUR 4	47.8	-	-
TOTAL	408.3	36,545	36,570

● QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

GROOVING BRIDGE FLOORS

APPROACH SLABS	4,144	SQ.FT.
BRIDGE DECK	8,956	SQ.FT.
TOTAL	13,100	SQ.FT.

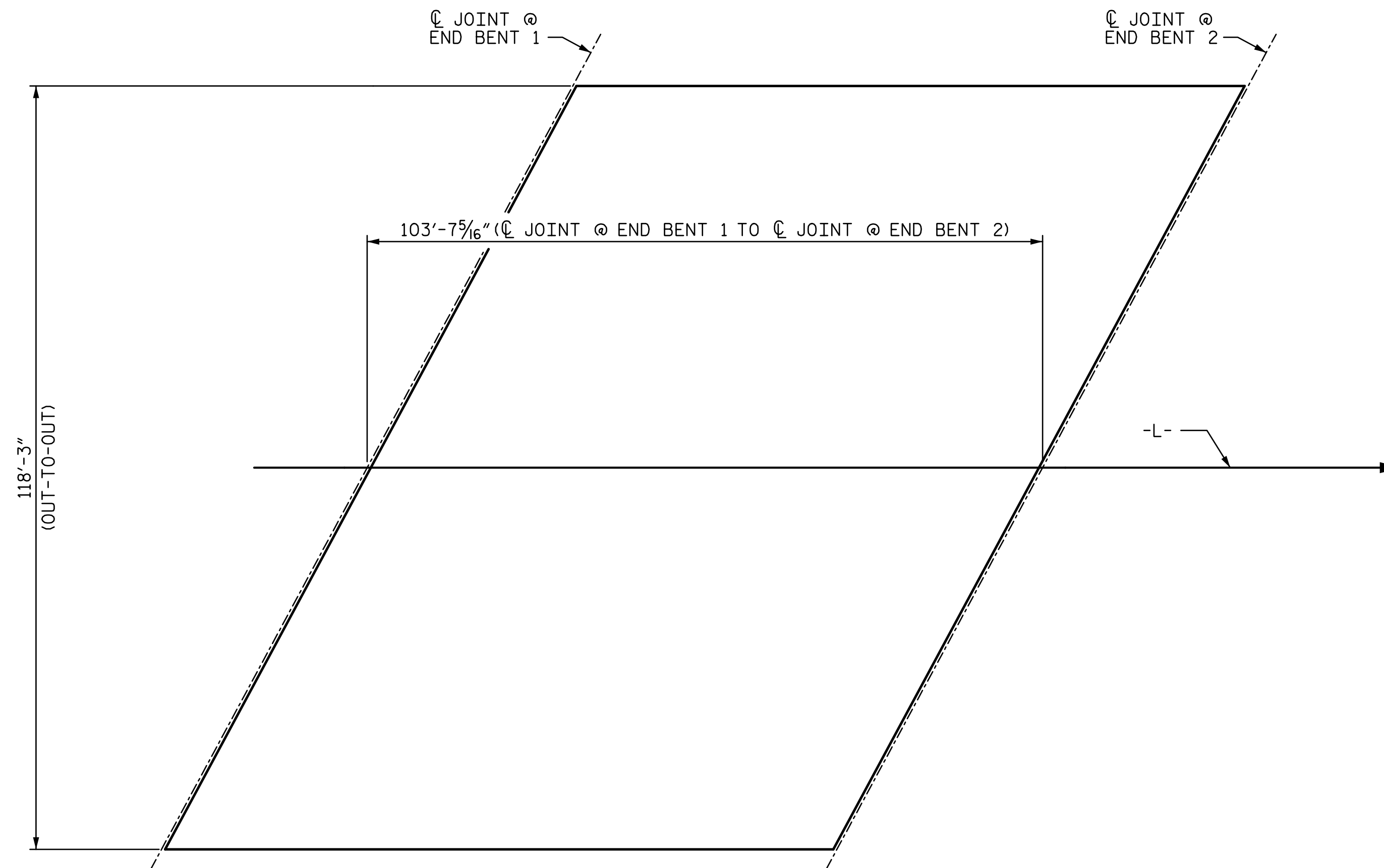
BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

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

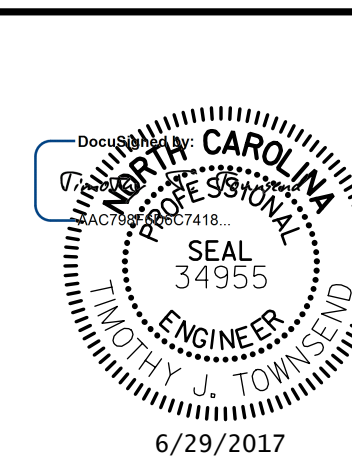
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	2'-0"	1'-9"	2'-0"	1'-9"	2'-9"
#5	2'-6"	2'-2"	2'-6"	2'-2"	3'-5"
#6	3'-0"	2'-7"	3'-10"	2'-7"	4'-4"
#7	5'-3"	3'-6"			
#8	6'-10"	4'-7"			



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. FT. = 12,252)

PROJECT NO. U-4751
NEW HANOVER COUNTY
 STATION: 62+99.10 -L-

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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

REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	DATE:
1			3	
2			4	

TOTAL SHEETS 30

DRAWN BY: TJT DATE: 3-17
 CHECKED BY: AJP DATE: 4-17
 DESIGN ENGINEER OF RECORD: T. TOWNSEND DATE: 3-17

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6/27/2017

townsend