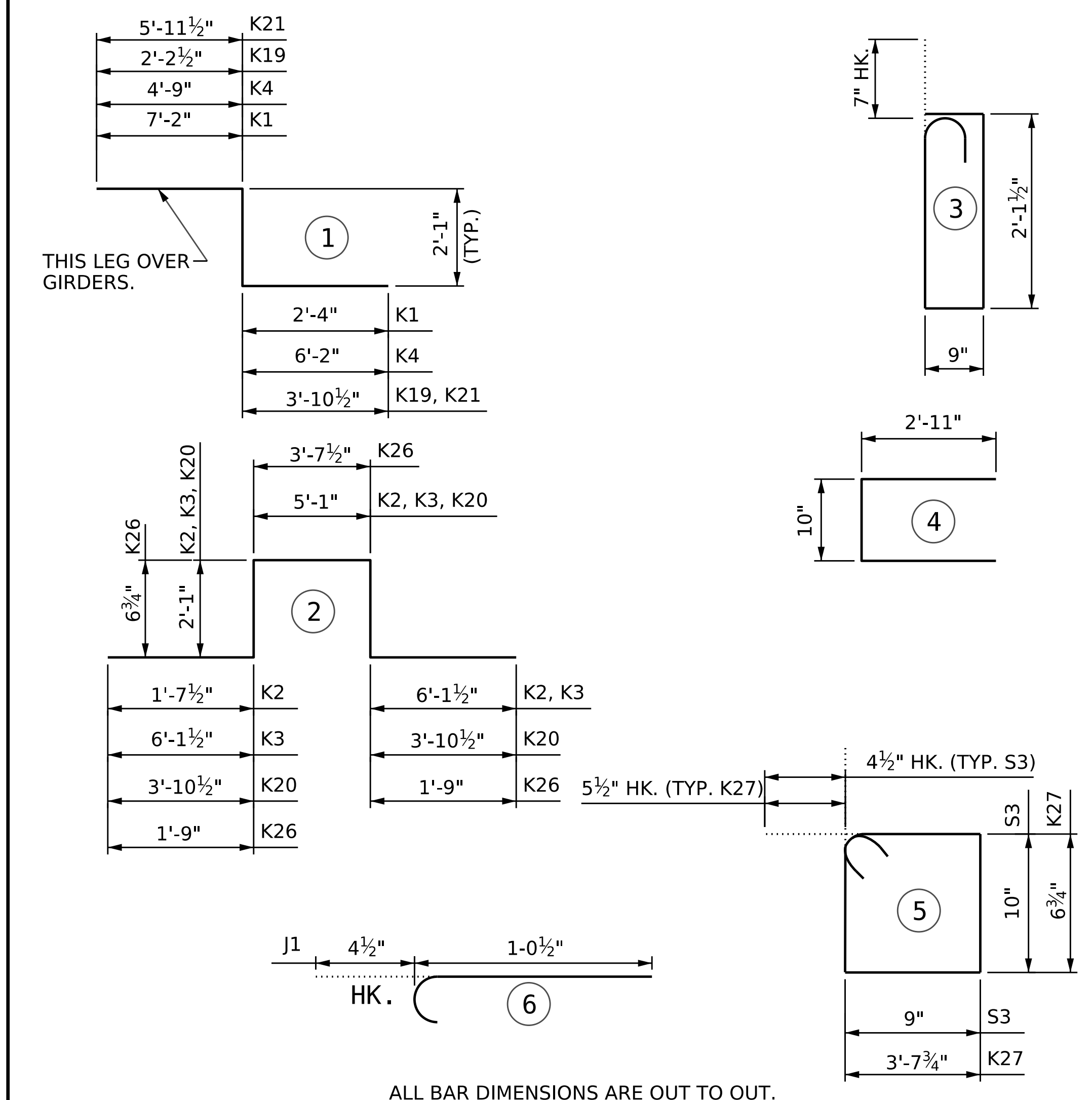


REINFORCING BAR SCHEDULE

STAGE I						STAGE I (CONT'D)						STAGE II (CONT'D)						
BAR	NO.	SIZE	TYPE	LENGTH	WT./LN. FT.	BAR	NO.	SIZE	TYPE	LENGTH	WT./LN. FT.	BAR	NO.	SIZE	TYPE	LENGTH	WT./LN. FT.	
* D1	374	5	STR	5'-10"	2275	* B3	49	6	STR	48'-10"	3594	* B1	51	4	STR	33'-8"	1147	
D2	374	5	STR	5'-10"	2275	* B4	54	4	STR	33'-0"	1190	* B2	34	6	STR	42'-3"	2158	
						B5	95	5	STR	48'-10"	4839	* B3	30	6	STR	48'-10"	2200	
** A1	365	6	STR	12'-2"	4441	B6	15	5	STR	57'-9"	903	* B4	34	4	STR	33'-0"	749	
** A2	365	6	STR	12'-2"	4441							B5	55	5	STR	48'-10"	2801	
* A3	356	5	STR	21'-8"	8045	* K1	4	8	1	11'-7"	124	B6	7	5	STR	57'-9"	422	
A4	356	5	STR	21'-8"	8045	* K2	4	8	2	17'-0"	182							
						* K3	4	8	2	21'-6"	230	* K14	2	6	STR	2'-8"	8	
**A101	2	6	STR	11'-1"	22	* K4	4	8	1	13'-0"	139	* K15	2	6	STR	3'-8"	11	
**A102	2	6	STR	10'-0"	20	** K5	2	6	STR	5'-3"	11	* K16	2	6	STR	4'-2"	13	
**A103	2	6	STR	8'-11"	18	** K6	2	6	STR	6'-3"	13	* K17	4	6	STR	6'-1"	37	
**A104	2	6	STR	7'-10"	16	** K7	2	6	STR	7'-3"	15	* K18	4	8	STR	6'-1"	65	
**A105	2	6	STR	6'-9"	14	* K8	4	6	STR	5'-1"	31	* K19	4	8	1	8'-2"	87	
**A106	2	6	STR	5'-8"	11	* K9	4	6	STR	6'-1"	37	* K20	4	8	2	17'-0"	182	
**A107	2	6	STR	4'-7"	9	* K10	4	6	STR	7'-1"	43	* K21	4	8	1	11'-11"	127	
**A108	1	6	STR	3'-6"	4	** K11	4	6	STR	8'-4"	33	* K22	4	6	STR	2'-8"	16	
**A109	1	6	STR	2'-5"	2	** K12	4	8	STR	8'-4"	33	* K23	4	6	STR	3'-8"	22	
						* K13	8	6	STR	8'-1"	97	* K24	4	6	STR	4'-8"	28	
**A201	2	6	STR	11'-9"	24	* K26	93	5	2	8'-3"	800	* K25	8	6	STR	5'-9"	69	
**A202	2	6	STR	10'-8"	21	* K27	31	5	5	9'-4"	302	* K26	62	5	2	8'-3"	533	
**A203	2	6	STR	9'-8"	19							* K27	31	5	5	9'-4"	302	
**A204	2	6	STR	8'-7"	17	* S1	26	5	3	6'-4"	172							
**A205	2	6	STR	7'-6"	15	* S2	26	4	4	6'-8"	116	* S1	12	5	3	6'-4"	79	
**A206	2	6	STR	6'-5"	13	* S3	24	4	5	3'-11"	63	* S2	12	4	4	6'-8"	53	
**A207	2	6	STR	5'-4"	11							* S3	24	4	5	3'-11"	63	
**A208	1	6	STR	4'-3"	4	* G1	2	5	STR	25'-1"	52							
**A209	1	6	STR	3'-2"	3	* G3	2	5	STR	9'-6"	20	* G2	2	5	STR	21'-11"	46	
* A301	2	5	STR	20'-10"	43	* J1	48	4	6	1'-5"	45	* J1	40	4	6	1'-5"	38	
* A302	2	5	STR	19'-9"	41	STAGE II												
* A303	2	5	STR	18'-8"	39	BAR	NO.	SIZE	TYPE	LENGTH	WT./LN. FT.							
* A304	2	5	STR	17'-7"	37	* D3	375	5	STR	5'-10"	2282							
* A305	2	5	STR	16'-6"	34	D4	375	5	STR	5'-10"	2282							
* A306	2	5	STR	15'-5"	32													
* A307	2	5	STR	14'-4"	30	* A5	361	5	STR	14'-11"	5616							
* A308	2	5	STR	13'-3"	28	A6	363	5	STR	14'-11"	5648							
* A309	2	5	STR	12'-2"	25													
* A310	2	5	STR	11'-1"	23	* A501	2	5	STR	14'-7"	30							
* A311	2	5	STR	10'-0"	21	* A502	2	5	STR	13'-11"	29							
* A312	2	5	STR	8'-11"	19	* A503	2	5	STR	13'-3"	28							
* A313	2	5	STR	7'-10"	16	* A504	2	5	STR	12'-1"	25							
* A314	2	5	STR	6'-9"	14	* A505	2	5	STR	11'-1"	23							
* A315	2	5	STR	5'-8"	12	* A506	2	5	STR	10'-0"	21							
* A316	2	5	STR	4'-7"	10	* A507	2	5	STR	8'-11"	19							
* A317	1	5	STR	3'-6"	4	* A508	2	5	STR	7'-10"	16							
						* A509	2	5	STR	6'-9"	14							
A401	2	5	STR	21'-6"	45	* A510	2	5	STR	5'-8"	12							
A402	2	5	STR	20'-5"	43	* A511	2	5	STR	4'-7"	10							
A403	2	5	STR	19'-4"	40	* A512	2	5	STR	3'-6"	7							
A404	2	5	STR	18'-3"	38	* A513	1	5	STR	2'-5"	3							
A405	2	5	STR	17'-2"	36													
A406	2	5	STR	16'-1"	34	A601	2	5	STR	14'-8"	31							
A407	2	5	STR	15'-0"	31	A602	2	5	STR	13'-11"	29							
A408	2	5	STR	13'-11"	29	A603	2	5	STR	12'-10"	27							
A409	2	5	STR	12'-10"	27	A604	2	5	STR	11'-9"	25							
A410	2	5	STR	11'-9"	25	A605	2	5	STR	10'-8"	22							
A411	2	5	STR	10'-8"	22	A606	2	5	STR	9'-7"	20							
A412	2	5	STR	9'-7"	20	A607	2	5	STR	8'-6"	18							
A413	2	5	STR	8'-6"	18	A608	2	5	STR	7'-5"	15							
A414	2	5	STR	7'-5"	15	A609	2	5	STR	6'-4"	13							
A415	2	5	STR	6'-4"	13	A610	2	5	STR	5'-3"	11							
A416	2	5	STR	5'-3"	11	A611	2	5	STR	4'-2"	9							
A417	1	5	STR	4'-2"	4	A612	1	5	STR	3'-1"	3							
* B1	81	4	STR	33'-8"	1822													
* B2	54	6	STR	42'-3"	3427													

DRAWN BY: M.L. CATER DATE: 06/2023
 CHECKED BY: D. TUTTLE DATE: 06/2023
 DESIGN ENGINEER OF RECORD: D. TUTTLE DATE: 06/2023

BAR TYPES



* EPOXY COATED REINFORCING STEEL	39,402 LBS.
REINFORCING STEEL	27,889 LBS.
** GFRP REINFORCEMENT	9,230 LF.

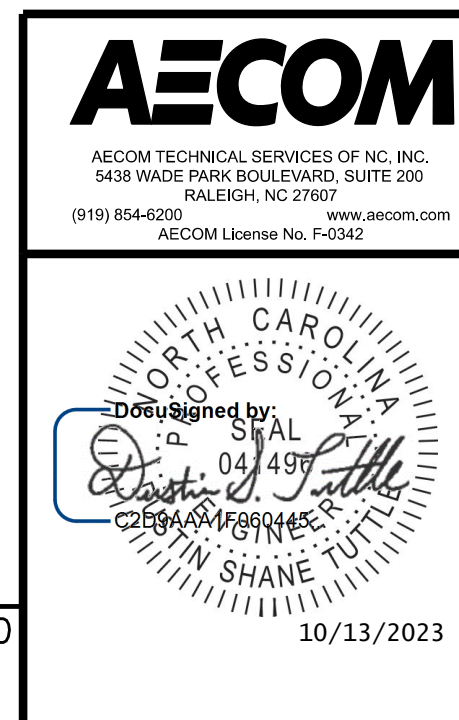
SUPERSTRUCTURE BILL OF MATERIAL			
CLASS AA CONCRETE (CUBIC YARDS)			
STAGE I		STAGE II	
POUR #1	80.5	POUR #4	39.8
POUR #1A	6.2	POUR #4A	3.1
POUR #2	143.2	POUR #5	70.8
POUR #2A	6.9	POUR #5A	3.4
POUR #3	25.9	POUR #6	12.8
		POUR #7	37.5
TOTALS ***	262.7	TOTALS ***	167.4
*** FINAL TOTAL = 430.1 CUBIC YARDS			

*** QUANTITIES FOR BARRIER RAILS ARE NOT INCLUDED

SUPERSTRUCTURE BILL OF MATERIAL		
	GFRP REINFORCEMENT (LIN. FT.)	EPOXY COATED REINFORCING STEEL (LBS.)
STAGE I	9,230	23,234
STAGE II	0	16,168

SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MIN. SPLICE LENGTHS					
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPETS AND BARRIER RAILS
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	EPOXY COATED
#4	1'-11"	1'-7"	1'-11"	1'-7"	2'-6"
#5	2'-5"	2'-0"	2'-5"	2'-0"	3'-1"
#6	2'-10"	2'-5"	3'-7"	2'-5"	3'-8"
#7	4'-2"	2'-9"	-	-	-
#8	4'-9"	3'-2"	-	-	-

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PROJECT NO. B-3186 / B-5898
 HAYWOOD COUNTY
 STATION: 24+70.00 -L LT-
 SHEET 2 OF 2

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

SHEET NO. S3-31
 TOTAL SHEETS 50