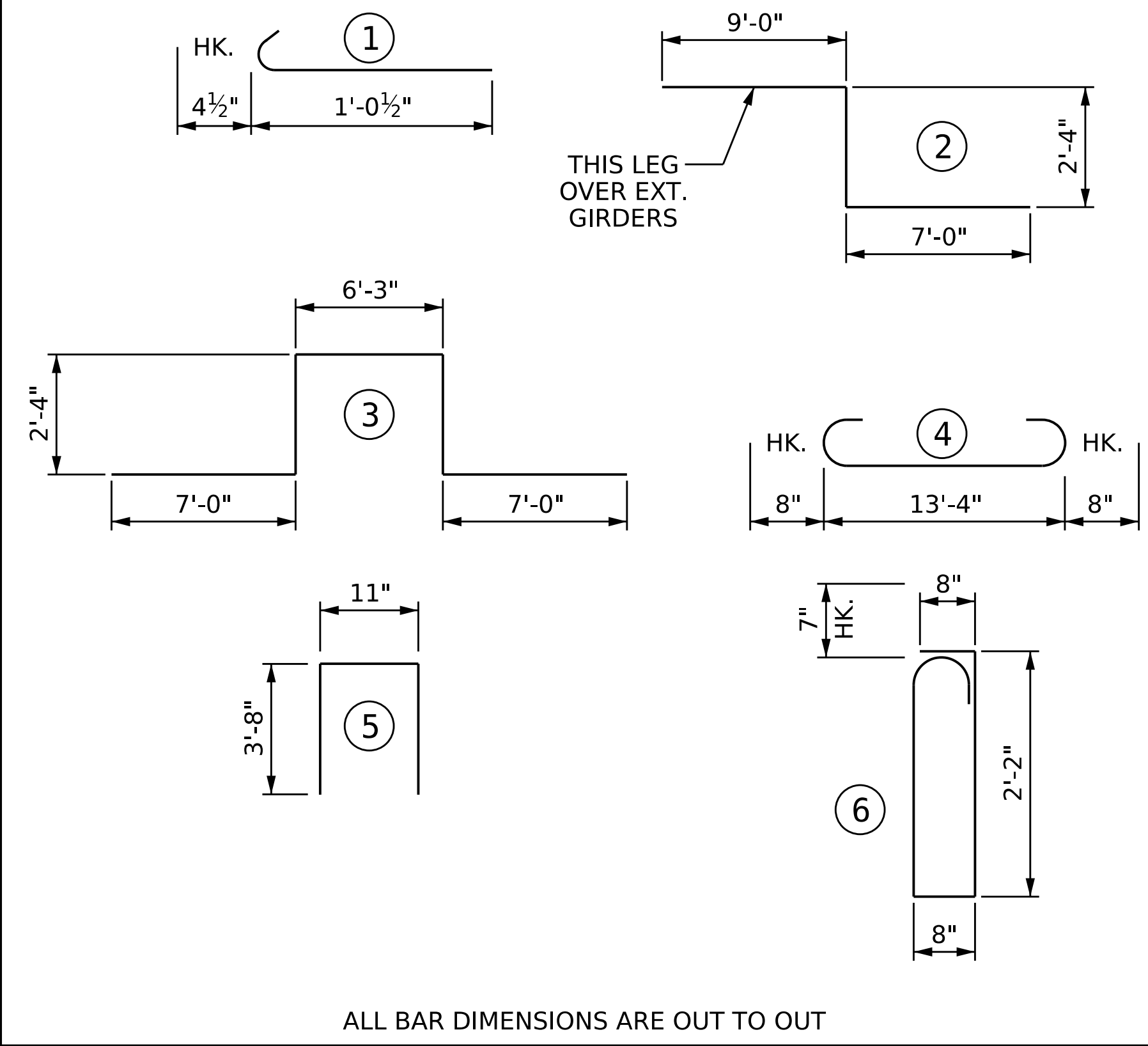


BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT																							
* A1	376	#5	STR	36'-11"	14478	* A136	2	#5	STR	33'-11"	71	A209	2	#5	STR	27'-5"	57	A254	2	#5	STR	15'-3"	32					
A2	376	#5	STR	36'-11"	14478	* A137	2	#5	STR	32'-11"	69	A210	2	#5	STR	26'-4"	55	A255	2	#5	STR	14'-2"	30					
* A3	6	#6	STR	29'-2"	263	* A138	2	#5	STR	31'-10"	66	A211	2	#5	STR	25'-3"	53	A256	2	#5	STR	13'-2"	27					
A4	6	#6	STR	24'-4"	219	* A139	2	#5	STR	30'-10"	64	A212	2	#5	STR	24'-2"	50	A257	2	#5	STR	12'-2"	25					
						* A140	2	#5	STR	29'-9"	62	A213	2	#5	STR	23'-1"	48	A258	2	#5	STR	11'-1"	23					
* A101	2	#5	STR	36'-0"	75	* A141	2	#5	STR	28'-9"	60	A214	2	#5	STR	22'-1"	46	A259	2	#5	STR	10'-1"	21					
* A102	2	#5	STR	34'-11"	73	* A142	2	#5	STR	27'-8"	58	A215	2	#5	STR	21'-0"	44	A260	2	#5	STR	9'-0"	19					
* A103	2	#5	STR	33'-11"	71	* A143	2	#5	STR	26'-8"	56	A216	2	#5	STR	19'-11"	42	A261	2	#5	STR	8'-0"	17					
* A104	2	#5	STR	32'-10"	68	* A144	2	#5	STR	25'-7"	53	A217	2	#5	STR	18'-10"	39	A262	2	#5	STR	6'-11"	14					
* A105	2	#5	STR	31'-9"	66	* A145	2	#5	STR	24'-7"	51	A218	2	#5	STR	17'-9"	37	A263	2	#5	STR	5'-11"	12					
* A106	2	#5	STR	30'-8"	64	* A146	2	#5	STR	23'-6"	49	A219	2	#5	STR	16'-8"	35	A264	2	#5	STR	4'-11"	10					
* A107	2	#5	STR	29'-7"	62	* A147	2	#5	STR	22'-6"	47	A220	2	#5	STR	15'-7"	33	A265	2	#5	STR	3'-10"	8					
* A108	2	#5	STR	28'-6"	59	* A148	2	#5	STR	21'-5"	45	A221	2	#5	STR	14'-6"	30	A266	2	#5	STR	2'-10"	6					
* A109	2	#5	STR	27'-5"	57	* A149	2	#5	STR	20'-5"	43	A222	2	#5	STR	13'-5"	28	A267	2	#5	STR	1'-9"	4					
* A110	2	#5	STR	26'-4"	55	* A150	2	#5	STR	19'-5"	41	A223	2	#5	STR	12'-4"	26											
* A111	2	#5	STR	25'-3"	53	* A151	2	#5	STR	18'-4"	38	A224	2	#5	STR	11'-3"	23	B1	60	#5	STR	36'-0"	2253					
* A112	2	#5	STR	24'-2"	50	* A152	2	#5	STR	17'-4"	36	A225	2	#5	STR	10'-2"	21	B2	30	#5	STR	48'-0"	1502					
* A113	2	#5	STR	23'-1"	48	* A153	2	#5	STR	16'-3"	34	A226	2	#5	STR	9'-1"	19	B3	30	#5	STR	17'-9"	555					
* A114	2	#5	STR	22'-1"	46	* A154	2	#5	STR	15'-3"	32	A227	2	#5	STR	8'-0"	17	B4	25	#5	STR	53'-0"	1382					
* A115	2	#5	STR	21'-0"	44	* A155	2	#5	STR	14'-2"	30	A228	2	#5	STR	6'-11"	14	B5	30	#5	STR	55'-0"	1721					
* A116	2	#5	STR	19'-11"	42	* A156	2	#5	STR	13'-2"	27	A229	2	#5	STR	5'-10"	12	B6	30	#5	STR	56'-11"	1781					
* A117	2	#5	STR	18'-10"	39	* A157	2	#5	STR	12'-2"	25	A230	2	#5	STR	4'-9"	10	B7	25	#5	STR	47'-6"	1239					
* A118	2	#5	STR	17'-9"	37	* A158	2	#5	STR	11'-1"	23	A231	2	#5	STR	3'-8"	8	B8	30	#5	STR	49'-0"	1533					
* A119	2	#5	STR	16'-8"	35	* A159	2	#5	STR	10'-1"	21	A232	2	#5	STR	2'-8"	6	* B9	54	#4	STR	33'-8"	1214					
* A120	2	#5	STR	15'-7"	33	* A160	2	#5	STR	9'-0"	19	A233	2	#5	STR	1'-7"	3	* B10	54	#6	STR	55'-0"	4461					
* A121	2	#5	STR	14'-6"	30	* A161	2	#5	STR	8'-0"	17	A234	2	#5	STR	36'-0"	75	* B11	27	#6	STR	22'-4"	906					
* A122	2	#5	STR	13'-5"	28	* A162	2	#5	STR	6'-11"	14	A235	2	#5	STR	35'-0"	73	* B12	72	#6	STR	42'-3"	4569					
* A123	2	#5	STR	12'-4"	26	* A163	2	#5	STR	5'-11"	12	A236	2	#5	STR	33'-11"	71	* B13	54	#4	STR	22'-11"	827					
* A124	2	#5	STR	11'-3"	23	* A164	2	#5	STR	4'-11"	10	A237	2	#5	STR	32'-11"	69	* B14	27	#6	STR	14'-1"	571					
* A125	2	#5	STR	10'-2"	21	* A165	2	#5	STR	3'-10"	8	A238	2	#5	STR	31'-10"	66	* B15	72	#6	STR	38'-2"	4127					
* A126	2	#5	STR	9'-1"	19	* A166	2	#5	STR	2'-10"	6	A239	2	#5	STR	30'-10"	64	* B16	54	#4	STR	24'-0"	866					
* A127	2	#5	STR	8'-0"	17	* A167	2	#5	STR	1'-9"	4	A240	2	#5	STR	29'-9"	62											
* A128	2	#5	STR	6'-11"	14							A241	2	#5	STR	28'-9"	60	* G1	4	#5	STR	30'-6"	127					
* A129	2	#5	STR	5'-10"	12	A201	2	#5	STR	36'-0"	75	A242	2	#5	STR	27'-8"	58											
* A130	2	#5	STR	4'-9"	10	A202	2	#5	STR	34'-11"	73	A243	2	#5	STR	26'-8"	56	* J1	114	#4	1	1'-5"	108					
* A131	2	#5	STR	3'-8"	8	A203	2	#5	STR	33'-11"	71	A244	2	#5	STR	25'-7"	53											
* A132	2	#5	STR	2'-8"	6	A204	2	#5	STR	32'-10"	68	A245	2	#5	STR	24'-7"	51	* K1	8	#8	2	18'-4"	392					
* A133	2	#5	STR	1'-7"	3	A205	2	#5	STR	31'-9"	66	A246	2	#5	STR	23'-6"	49	* K2	8	#8	3	24'-11"	532					
* A134	2	#5	STR	36'-0"	75	A206	2	#5	STR	30'-8"	64	A247	2	#5	STR	22'-6"	47	* K3	12	#6	4	14'-8"	264					
* A135	2	#5	STR	35'-0"	73	A207	2	#5	STR	29'-7"	62	A248	2	#5	STR	21'-5"	45	* K4	24	#6	STR	8'-10"	318					
						A208	2	#5	STR	28'-6"	59	A249	2	#5	STR	20'-5"	43											
												A250	2	#5	STR	19'-5"	41	* S1	48	#4	5	8'-3"	265					
												A251	2	#5	STR	18'-4"	38	S2	48	#5	6	6'-3"	313					
												A252	2	#5	STR	17'-4"	36											
												A253	2	#5	STR	16'-3"	34											
REINFORCING STEEL																		29609 LB										

* EPOXY COATED REINFORCING STEEL 36921 LB
* INDICATES EPOXY COATED REINFORCING STEEL

PROJECT NO. I-2513AA/AB
BUNCOMBE COUNTY
STATION: 20+16.70 -Y5RPA-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE

BILL OF MATERIAL

	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
POUR 1	276.0	--	--
POUR 2	67.0	--	--
TOTAL **	343.0	29,609	36,921

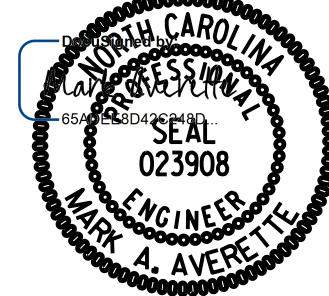
** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	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"	--	--	--

APPROACH SLABS	1,492	SQ. FT.
BRIDGE DECK	8,610	SQ. FT.
TOTAL	10,102	SQ. FT.



5640 Dilard Drive, Suite 200
Cary, NC 27518



12/21/2023 11:09 AM

DRAWN BY : T. BANKOVICH DATE : 12-23
CHECKED BY : M.A. AVERETTE DATE : 12-23
DESIGN ENGINEER OF RECORD: M.A. AVERETTE DATE : 12-23

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	5-33	
1			3			TOTAL SHEETS 49	
2			4				

12/21/2023 1:49:29 PM c:\pwwor-king\cecom_ds21_na_2020\0252774\I2513AA_SMU_BM2_100902.dgn