

REINFORCING BAR SCHEDULE

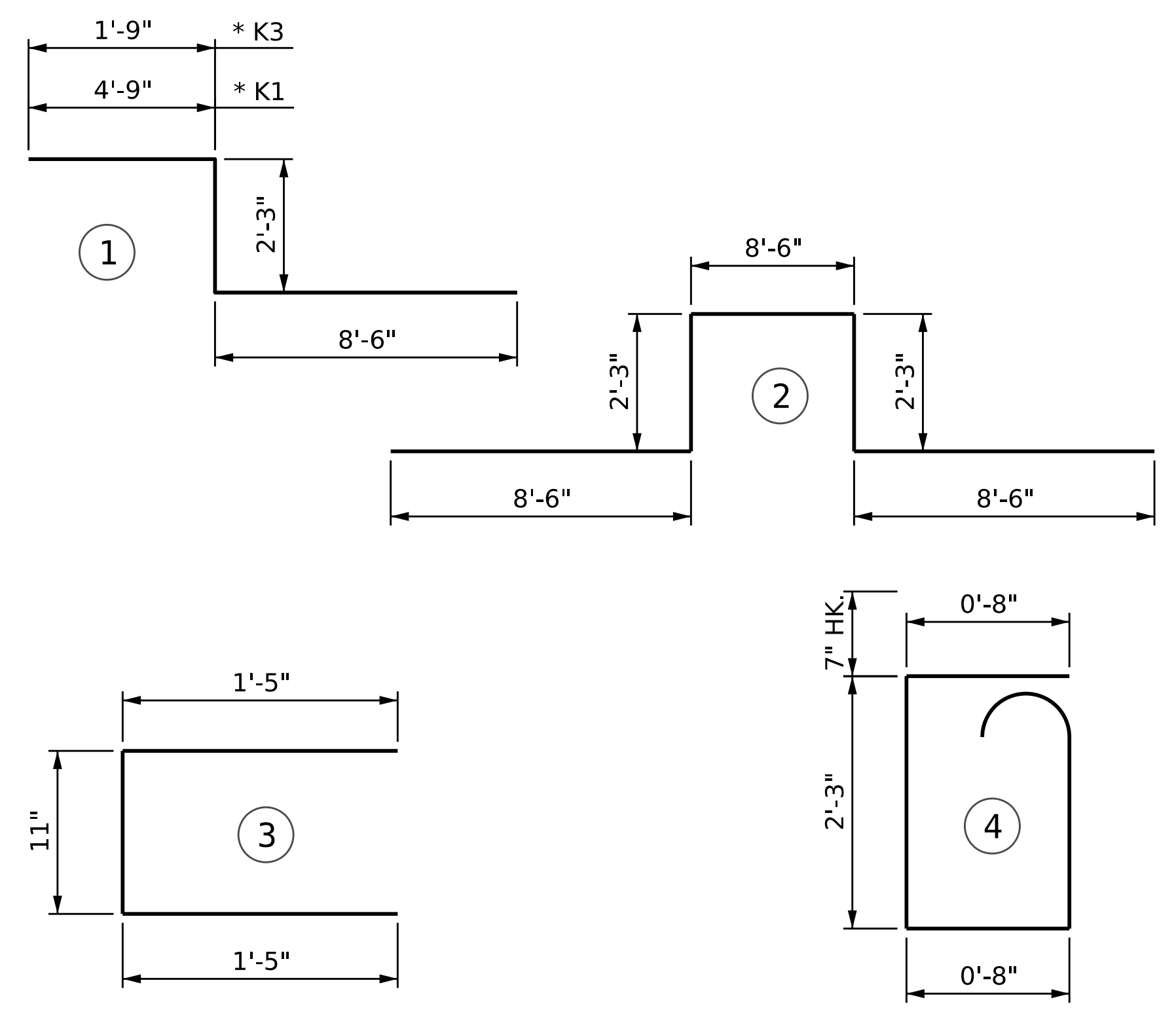
BILL OF MATERIAL

STAGE I						STAGE II					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* D1	360	5	STR	5'-4"	2002	* D1	360	5	STR	5'-4"	2002
D2	360	5	STR	5'-4"	2002	D2	360	5	STR	5'-4"	2002
						* A3	336	5	STR	45'-9"	16033
* A1	341	5	STR	35'-5"	12596	A4	336	5	STR	45'-9"	16033
A2	341	5	STR	35'-5"	12596						
* A101	2	5	STR	34'-2"	71	* A301	2	5	STR	44'-7"	93
* A102	2	5	STR	32'-3"	67	* A302	2	5	STR	42'-8"	89
* A103	2	5	STR	30'-4"	63	* A303	2	5	STR	40'-9"	85
* A104	2	5	STR	28'-5"	59	* A304	2	5	STR	38'-10"	81
* A105	2	5	STR	26'-7"	55	* A305	2	5	STR	37'-0"	77
* A106	2	5	STR	24'-8"	51	* A306	2	5	STR	35'-1"	73
* A107	2	5	STR	22'-9"	47	* A307	2	5	STR	33'-2"	69
* A108	2	5	STR	20'-11"	44	* A308	2	5	STR	31'-4"	65
* A109	2	5	STR	19'-0"	40	* A309	2	5	STR	29'-5"	61
* A110	2	5	STR	17'-1"	36	* A310	2	5	STR	27'-6"	57
* A111	2	5	STR	15'-3"	32	* A311	2	5	STR	25'-8"	54
* A112	2	5	STR	13'-4"	28	* A312	2	5	STR	23'-9"	50
* A113	2	5	STR	11'-5"	24	* A313	2	5	STR	21'-10"	46
* A114	2	5	STR	9'-7"	20	* A314	2	5	STR	20'-0"	42
* A115	2	5	STR	7'-8"	16	* A315	2	5	STR	18'-1"	38
* A116	2	5	STR	5'-9"	12	* A316	2	5	STR	16'-2"	34
* A117	2	5	STR	3'-11"	8	* A317	2	5	STR	14'-4"	30
* A118	2	5	STR	2'-0"	4	* A318	2	5	STR	12'-5"	26
						* A319	2	5	STR	10'-6"	22
						* A320	2	5	STR	8'-7"	18
A201	2	5	STR	34'-1"	71	* A321	2	5	STR	6'-9"	14
A202	2	5	STR	32'-2"	67	* A322	2	5	STR	4'-10"	10
A203	2	5	STR	30'-3"	63	* A323	2	5	STR	2'-11"	6
A204	2	5	STR	28'-4"	59	A401	2	5	STR	44'-7"	93
A205	2	5	STR	26'-6"	55	A402	2	5	STR	42'-8"	89
A206	2	5	STR	24'-7"	51	A403	2	5	STR	40'-9"	85
A207	2	5	STR	22'-8"	47	A404	2	5	STR	38'-10"	81
A208	2	5	STR	20'-10"	43	A405	2	5	STR	37'-0"	77
A209	2	5	STR	18'-11"	39	A406	2	5	STR	35'-1"	73
A210	2	5	STR	17'-0"	35	A407	2	5	STR	33'-2"	69
A211	2	5	STR	15'-2"	32	A408	2	5	STR	31'-4"	65
A212	2	5	STR	13'-3"	28	A409	2	5	STR	29'-5"	61
A213	2	5	STR	11'-4"	24	A410	2	5	STR	27'-6"	57
A214	2	5	STR	9'-6"	20	A411	2	5	STR	25'-8"	54
A215	2	5	STR	7'-7"	16	A412	2	5	STR	23'-9"	50
A216	2	5	STR	5'-8"	12	A413	2	5	STR	21'-10"	46
A217	2	5	STR	3'-10"	8	A414	2	5	STR	20'-0"	42
						A415	2	5	STR	18'-1"	38
* B1	100	4	STR	28'-3"	1887	A416	2	5	STR	16'-2"	34
* B2	75	6	STR	21'-6"	2422	A417	2	5	STR	14'-4"	30
* B3	47	6	STR	37'-10"	2671	A418	2	5	STR	12'-5"	26
B4	176	5	STR	42'-9"	7848	A419	2	5	STR	10'-6"	22
B5	80	4	STR	22'-4"	1193	A420	2	5	STR	8'-7"	18
						A421	2	5	STR	6'-9"	14
* K1	4	8	1	15'-6"	166	A422	2	5	STR	4'-10"	10
* K2	8	8	2	23'-7"	504						
* K3	4	8	1	12'-6"	134	* B1	128	4	STR	28'-6"	2437
* K4	12	6	STR	8'-7"	155	* B2	96	6	STR	21'-6"	3100
						* B3	61	6	STR	37'-10"	3466
* S1	54	5	4	6'-5"	361	B4	248	5	STR	42'-9"	11058
* S2	54	4	3	3'-9"	135	B5	112	4	STR	22'-4"	1671
* G1	2	5	STR	36'-6"	76	* K1	4	1	STR	15'-6"	166
						* K2	12	2	STR	23'-7"	756
						* K3	4	1	STR	12'-6"	134
						* K4	16	STR	STR	8'-7"	206
						K5	4	STR	STR	4'-7"	49
						* K6	4	STR	STR	3'-7"	22
						* S1	78	5	4	6'-5"	522
						* S2	78	4	3	3'-9"	195
						* G2	2	5	STR	47'-6"	99
						* G3	2	5	STR	2'-9"	6

	CLASS AA CONCRETE (CU. YDS)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
STAGE I			
POUR #1	164.2	-	-
POUR #2	31.7	-	-
TOTAL	195.9	24,309	23,786
STAGE II			
POUR #3	210.9	-	-
POUR #4	41.0	-	-
POUR #5	17.4	-	-
TOTAL	269.3	31,947	30,284
TOTALS **	465.2	56,256	54,070

** MEDIAN QUANTITIES ARE NOT INCLUDED

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

* EPOXY COATED REINFORCING STEEL	54,070 LBS.
REINFORCING STEEL	56,256 LBS.

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"	-	-	-

PROJECT NO. BR-0043
ROCKINGHAM COUNTY
 STATION: POT 25+80.88 -L-

SHEET 2 OF 2

AECOM
AECOM TECHNICAL SERVICES OF NC, INC.
 5430 WADE PARK BOULEVARD, SUITE 200
 RALEIGH, NC 27607
 (919) 854-6200 www.aecom.com
 AECOM License No. F9242

John C. Morrison
Professional Engineer
 SEAL 030474
 JOHN C. MORRISON

1/31/2023

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE

BILL OF MATERIAL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-27
2			4			TOTAL SHEETS 45

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DRAWN BY: M.L. CATER DATE: 11/2022
 CHECKED BY: J.C. MORRISON DATE: 11/2022
 DESIGN ENGINEER OF RECORD: J.C. MORRISON DATE: 12/2022