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REINFORCING BAR SCHEDULE

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ A1	772	# 5	STR	34′ - 11″	28115
A2	772	# 5	STR	34′ - 11″	28115
✳ A3	8	# 6	STR	20′ - 11″	251
✳ A101	2	# 5	STR	34′ - 5″	72
✳ A102	2	# 5	STR	33′ - 9″	70
✳ A103	2	# 5	STR	33′ - 2″	69
✳ A104	2	# 5	STR	32′ - 6″	68
✳ A105	2	# 5	STR	31′ - 11″	67
✳ A106	2	# 5	STR	31′ - 3″	65
✳ A107	2	# 5	STR	30′ - 8″	64
✳ A108	2	# 5	STR	30′ - 0″	63
✳ A109	2	# 5	STR	29′ - 5″	61
✳ A110	2	# 5	STR	28′ - 9″	60
✳ A111	2	# 5	STR	28′ - 2″	59
✳ A112	2	# 5	STR	27′ - 6″	57
✳ A113	2	# 5	STR	26′ - 11″	56
✳ A114	2	# 5	STR	26′ - 3″	55
✳ A115	2	# 5	STR	25′ - 8″	54
✳ A116	2	# 5	STR	25′ - 0″	52
✳ A117	2	# 5	STR	24′ - 5″	51
✳ A118	2	# 5	STR	23′ - 9″	50
✳ A119	2	# 5	STR	23′ - 2″	48
✳ A120	2	# 5	STR	22′ - 6″	47
✳ A121	2	# 5	STR	21′ - 11″	46
✳ A122	2	# 5	STR	21′ - 3″	44
✳ A123	2	# 5	STR	20′ - 8″	43
✳ A124	2	# 5	STR	20′ - 0″	42
✳ A125	2	# 5	STR	19′ - 5″	41
✳ A126	2	# 5	STR	18′ - 9″	39
✳ A127	2	# 5	STR	18′ - 2″	38
✳ A128	2	# 5	STR	17′ - 6″	37
✳ A129	2	# 5	STR	16′ - 11″	35
✳ A130	2	# 5	STR	16′ - 3″	34
✳ A131	2	# 5	STR	15′ - 8″	33
✳ A132	2	# 5	STR	15′ - 0″	31
✳ A133	2	# 5	STR	14′ - 5″	30
✳ A134	2	# 5	STR	13′ - 9″	29
✳ A135	2	# 5	STR	13′ - 2″	27
✳ A136	2	# 5	STR	12′ - 6″	26
✳ A137	2	# 5	STR	11′ - 11″	25
✳ A138	2	# 5	STR	11′ - 3″	23
✳ A139	2	# 5	STR	10′ - 8″	22
✳ A140	2	# 5	STR	10′ - 0″	21
✳ A141	2	# 5	STR	9′ - 5″	20
✳ A142	2	# 5	STR	8′ - 9″	18
✳ A143	2	# 5	STR	8′ - 2″	17
✳ A144	2	# 5	STR	7′ - 6″	16
✳ A145	2	# 5	STR	6′ - 11″	14
✳ A146	2	# 5	STR	6′ - 3″	13
✳ A147	2	# 5	STR	5′ - 8″	12
✳ A148	2	# 5	STR	5′ - 0″	10
✳ A149	2	# 5	STR	4′ - 5″	9
✳ A150	2	# 5	STR	3′ - 9″	8
A201	2	# 5	STR	34′ - 5″	72
A202	2	# 5	STR	33′ - 9″	70
A203	2	# 5	STR	33′ - 2″	69
A204	2	# 5	STR	32′ - 6″	68
A205	2	# 5	STR	31′ - 11″	67
A206	2	# 5	STR	31′ - 3″	65
A207	2	# 5	STR	30′ - 8″	64
A208	2	# 5	STR	30′ - 0″	63
A209	2	# 5	STR	29′ - 5″	61
A210	2	# 5	STR	28′ - 9″	60
A211	2	# 5	STR	28′ - 2″	59
A212	2	# 5	STR	27′ - 6″	57
A213	2	# 5	STR	26′ - 11″	56
A214	2	# 5	STR	26′ - 3′	55
A215	2	# 5	STR	25′ - 8″	54
A216	2	# 5	STR	25′ - 0″	52

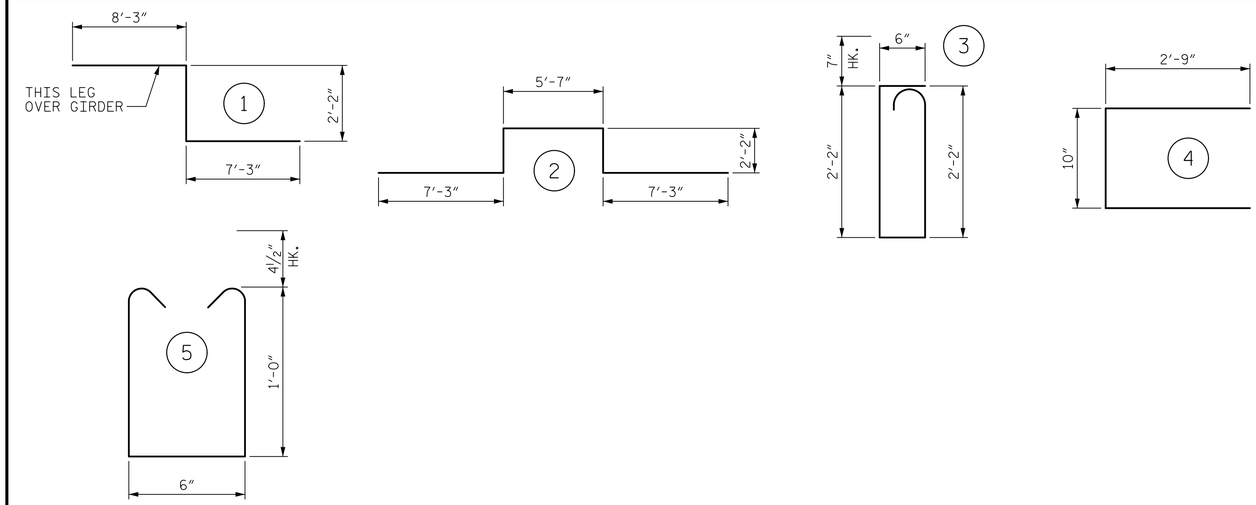
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A217	2	# 5	STR	24′ - 5″	51
A218	2	# 5	STR	23′ - 9″	50
A219	2	# 5	STR	23′ - 2″	48
A220	2	# 5	STR	22′ - 6″	47
A221	2	# 5	STR	21′ - 11″	46
A222	2	# 5	STR	21′ - 3″	44
A223	2	# 5	STR	20′ - 8″	43
A224	2	# 5	STR	20′ - 0″	42
A225	2	# 5	STR	19′ - 5″	41
A226	2	# 5	STR	18′ - 9″	39
A227	2	# 5	STR	18′ - 2″	38
A228	2	# 5	STR	17′ - 6″	37
A229	2	# 5	STR	16′ - 11″	35
A230	2	# 5	STR	16′ - 3″	34
A231	2	# 5	STR	15′ - 8″	33
A232	2	# 5	STR	15′ - 0″	31
A233	2	# 5	STR	14′ - 5″	30
A234	2	# 5	STR	13′ - 9″	29
A235	2	# 5	STR	13′ - 2″	27
A236	2	# 5	STR	12′ - 6″	26
A237	2	# 5	STR	11′ - 11″	25
A238	2	# 5	STR	11′ - 3″	23
A239	2	# 5	STR	10′ - 8″	22
A240	2	# 5	STR	10′ - 0″	21
A241	2	# 5	STR	9′ - 5″	20
A242	2	# 5	STR	8′ - 9″	18
A243	2	# 5	STR	8′ - 2″	17
A244	2	# 5	STR	7′ - 6″	16
A245	2	# 5	STR	6′ - 11″	14
A246	2	# 5	STR	6′ - 3″	13
A247	2	# 5	STR	5′ - 8″	12
A248	2	# 5	STR	5′ - 0″	10
A249	2	# 5	STR	4′ - 5″	9
A250	2	# 5	STR	3′ - 9″	8
✳ B1	50	# 4	STR	35′ - 3″	1177
✳ B2	225	# 6	STR	27′ - 11″	9434
✳ B3	150	# 4	STR	21′ - 6″	2154
✳ B4	50	# 6	STR	34′ - 10″	2616
✳ B5	50	# 4	STR	25′ - 4″	846
B6	58	# 5	STR	37′ - 9″	2284
B7	174	# 5	STR	34′ - 4″	6231
B8	87	# 5	STR	50′ - 7″	4590
B9	29	# 5	STR	57′ - 3″	1732
B10	29	# 5	STR	51′ - 9″	1565
✳ B11	138	# 6	STR	46′ - 11″	9721
B12	72	# 5	STR	55′ - 2″	4145
✳ B13	46	# 6	STR	41′ - 4″	2854
B14	24	# 5	STR	47′ - 9″	1195
✳ G1	2	# 5	STR	49′ - 4″	103
✳ K1	8	# 8	1	17′ - 8″	377
✳ K2	8	# 8	2	24′ - 5″	522
✳ K3	18	# 6	STR	7′ - 3″	196
K4	24	# 6	STR	11′ - 6″	415
✳ S1	36	# 5	3	5′ - 11″	222
✳ S2	36	# 4	4	6′ - 4″	152
✳ S3	12	# 4	5	3′ - 3″	26

REINFORCING STEEL LBS. 52,263

✳ EPOXY COATED REINFORCING STEEL LBS. 60,757

DRAWN BY : B.D. HODACK DATE : 02/2022
CHECKED BY : G.R. COLS DATE : 03/2022
DESIGNED BY : B.D. HODACK DATE : 02/2022
DESIGN CHECKED BY : G.R. COLS DATE : 03/2022

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	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-0044
ROCKINGHAM COUNTY
STATION: 21+97.00 -L-

SHEET 2 OF 2

AECOM
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NORTH CAROLINA PROFESSIONAL SEAL 041343 ENGINEER GREGORY R. COLS
Docu Signed by:
5/16/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

SUPERSTRUCTURE BILL OF MATERIAL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-27
1			3			TOTAL SHEETS
2			4			39

DATE: 3/29/2022
TIME: 2:24:42 PM
USER: Benjamin.D.Hodack
DGN: R:\Structures\04_Drawings\40_0053_BR0044_SNU_BM02.dgn