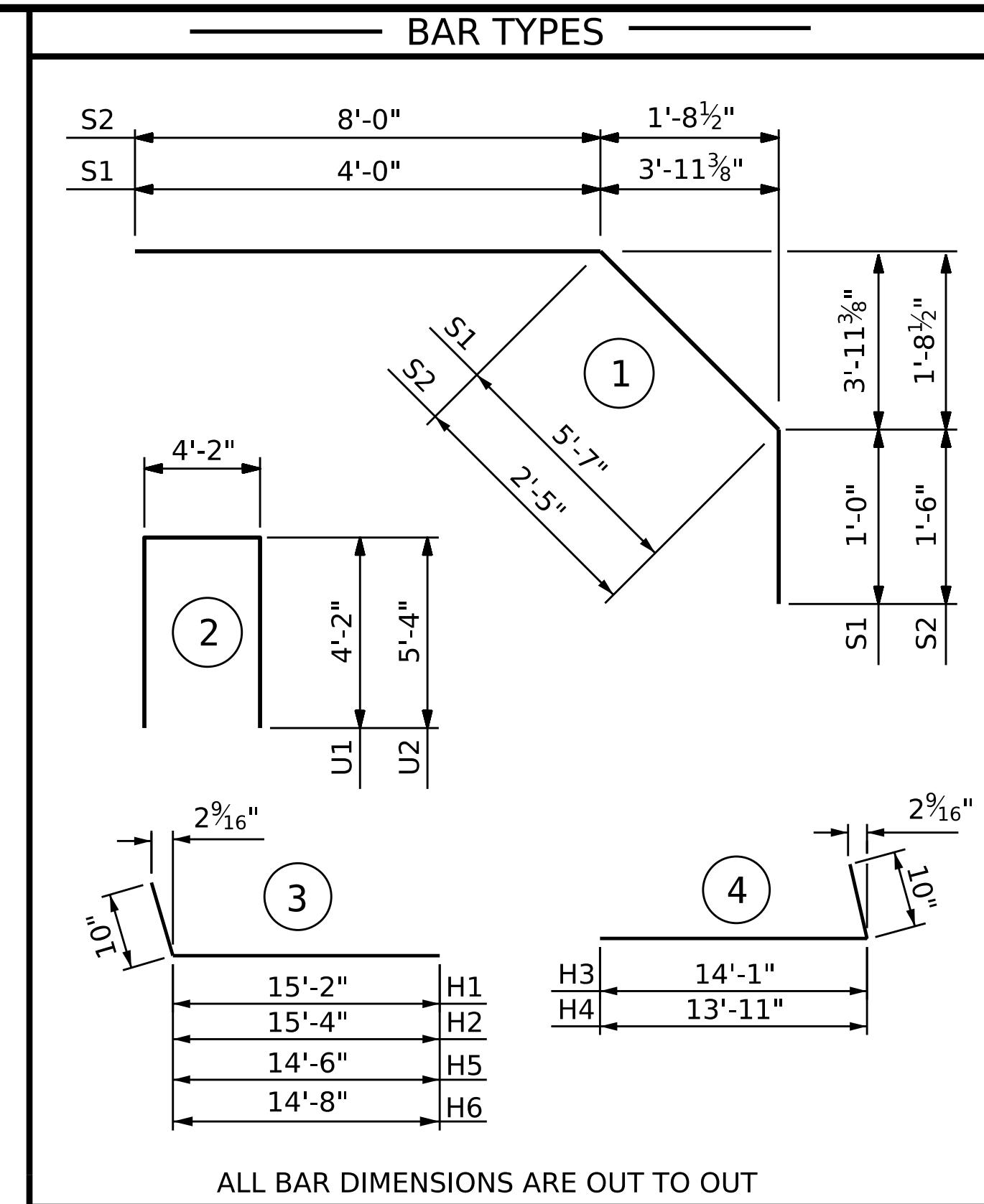


REINFORCING BAR SCHEDULE

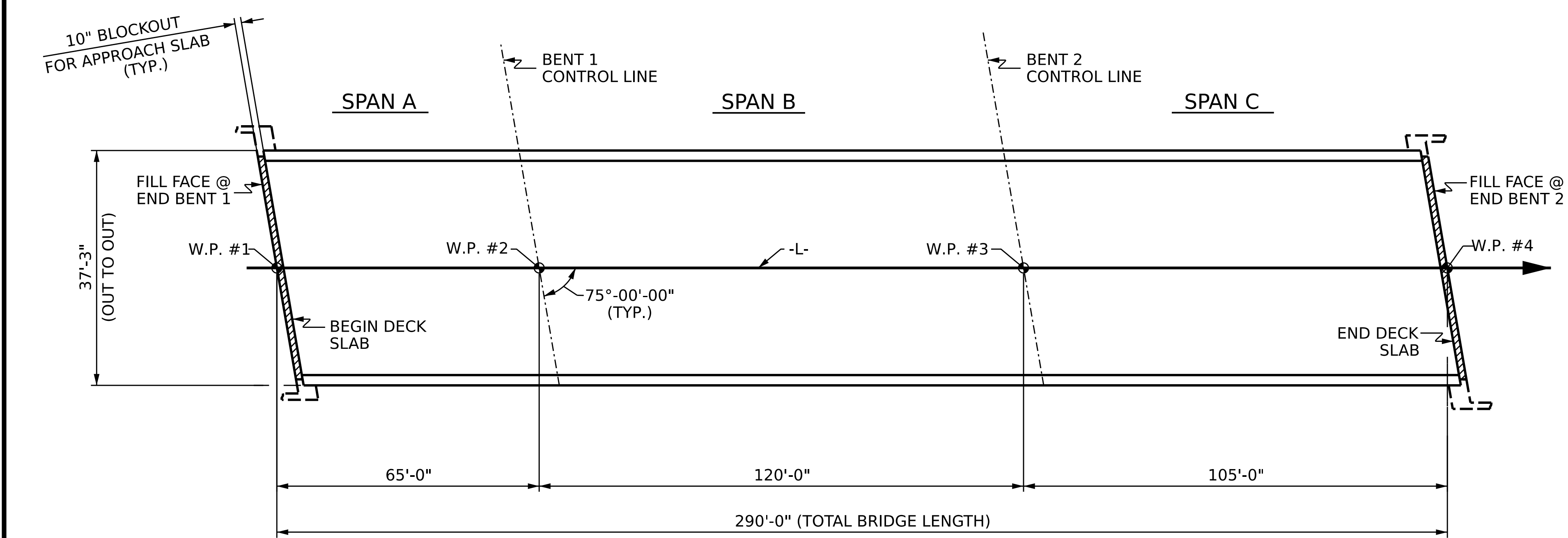
SPANS A & C												SPANS A-B-C											
BAR	No.	SIZE	TYPE	LENGTH	WEIGHT	BAR	No.	SIZE	TYPE	LENGTH	WEIGHT	BAR	No.	SIZE	TYPE	LENGTH	WEIGHT	BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
* A101	2	#5	STR.	36'-6"	76	A201	2	#5	STR.	36'-6"	76	K1	20	#4	STR.	23'-1"	308	* A1	476	#5	STR.	36'-11"	18,328
* A102	2	#5	STR.	34'-4"	72	A202	2	#5	STR.	34'-4"	72	K2	6	#4	STR.	6'-3"	25	A2	476	#5	STR.	36'-11"	18,328
* A103	2	#5	STR.	32'-2"	67	A203	2	#5	STR.	32'-2"	67	K3	6	#4	STR.	8'-4"	33						
* A104	2	#5	STR.	29'-11"	62	A204	2	#5	STR.	29'-11"	62	K4	12	#4	STR.	8'-9"	70	* B1	27	#4	STR.	30'-6"	550
* A105	2	#5	STR.	27'-9"	58	A205	2	#5	STR.	27'-9"	58	K5	6	#4	STR.	5'-5"	22	* B2	99	#5	STR.	12'-10"	1,325
* A106	2	#5	STR.	25'-7"	53	A206	2	#5	STR.	25'-7"	53	K6	4	#4	STR.	5'-1"	14	* B3	50	#5	STR.	15'-3"	795
* A107	2	#5	STR.	23'-5"	49	A207	2	#5	STR.	23'-5"	49	K7	4	#4	STR.	6'-1"	16	* B4	50	#5	STR.	52'-8"	2,747
* A108	2	#5	STR.	21'-3"	44	A208	2	#5	STR.	21'-3"	44	K8	8	#4	STR.	6'-5"	34	* B5	49	#5	STR.	37'-9"	1,929
* A109	2	#5	STR.	19'-1"	40	A209	2	#5	STR.	19'-1"	40	K9	4	#4	STR.	4'-8"	12	* B6	54	#4	STR.	21'-11"	791
* A110	2	#5	STR.	16'-11"	35	A210	2	#5	STR.	16'-11"	35	K10	40	#4	STR.	2'-8"	71	* B7	50	#5	STR.	27'-3"	1,421
* A111	2	#5	STR.	14'-9"	31	A211	2	#5	STR.	14'-9"	31							* B8	50	#5	STR.	52'-8"	2,747
* A112	2	#5	STR.	12'-6"	26	A212	2	#5	STR.	12'-6"	26	H1	8	#5	3	16'-1"	134	* B9	49	#5	STR.	43'-9"	2,236
* A113	2	#5	STR.	10'-4"	22	A213	2	#5	STR.	10'-4"	22	H2	8	#5	3	16'-3"	136	* B10	54	#4	STR.	26'-3"	947
* A114	2	#5	STR.	8'-2"	17	A214	2	#5	STR.	8'-2"	17	H3	18	#5	4	14'-11"	280	* B11	99	#5	STR.	20'-10"	2,151
* A115	2	#5	STR.	6'-0"	13	A215	2	#5	STR.	6'-0"	13	H4	18	#5	4	14'-9"	277						
* A116	2	#5	STR.	3'-10"	8	A216	2	#5	STR.	3'-10"	8	H5	8	#5	3	15'-4"	128	B12	27	#5	STR.	44'-9"	1,260
* A117	2	#5	STR.	1'-8"	3	A217	2	#5	STR.	1'-8"	3	H6	8	#5	3	15'-6"	129	B13	27	#5	STR.	56'-3"	1,584
* S1	44	#4	1	10'-7"	311	U1	48	#4	2	12'-6"	401							B14	22	#5	STR.	47'-0"	1,078
* S2	44	#4	1	11'-11"	350	U2	12	#4	2	14'-11"	120							B15	27	#5	STR.	54'-0"	1,521
												REINFORCING STEEL										2,887 LBS.	
												* EPOXY COATED REINFORCING STEEL										1,338 LBS.	
												REINFORCING STEEL										29,119 LBS.	
												* EPOXY COATED REINFORCING STEEL										35,967 LBS.	



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)	(LBS.)
POUR #1	66.4	---	---
POUR #2	153.0	---	---
POUR #3	141.2	---	---
POUR #4	95.4	---	---
TOTALS**	456.0	32,006	37,305

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

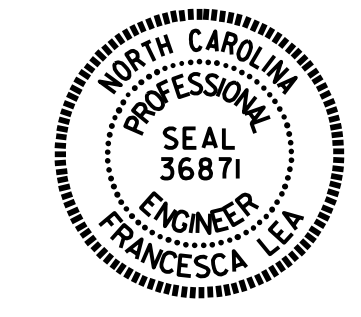


**LAYOUT FOR COMPUTING AREA
REINFORCED CONCRETE DECK SLAB**
(SQ. FT. = 10,738)

SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS					
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPETS, AND BARRIER RAILS		APPROACH SLABS		PARAPETS AND BARRIER RAILS
	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"			

GROOVING BRIDGE FLOORS	
APPROACH SLABS	898 SQ.FT.
BRIDGE DECK	8,937 SQ.FT.
TOTAL	9,835 SQ.FT.

PROJECT NO. BR-0093
ROCKINGHAM COUNTY
 STATION: 17+85.52 -L-



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE BILL OF MATERIAL

DRAWN BY : E. BAYISSA DATE : 02/2024
 CHECKED BY : F. LEA DATE : 03/2024
 DESIGN ENGINEER OF RECORD : E. BAYISSA DATE : 09/2023

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-24
1			3			TOTAL SHEETS
2			4			36

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED