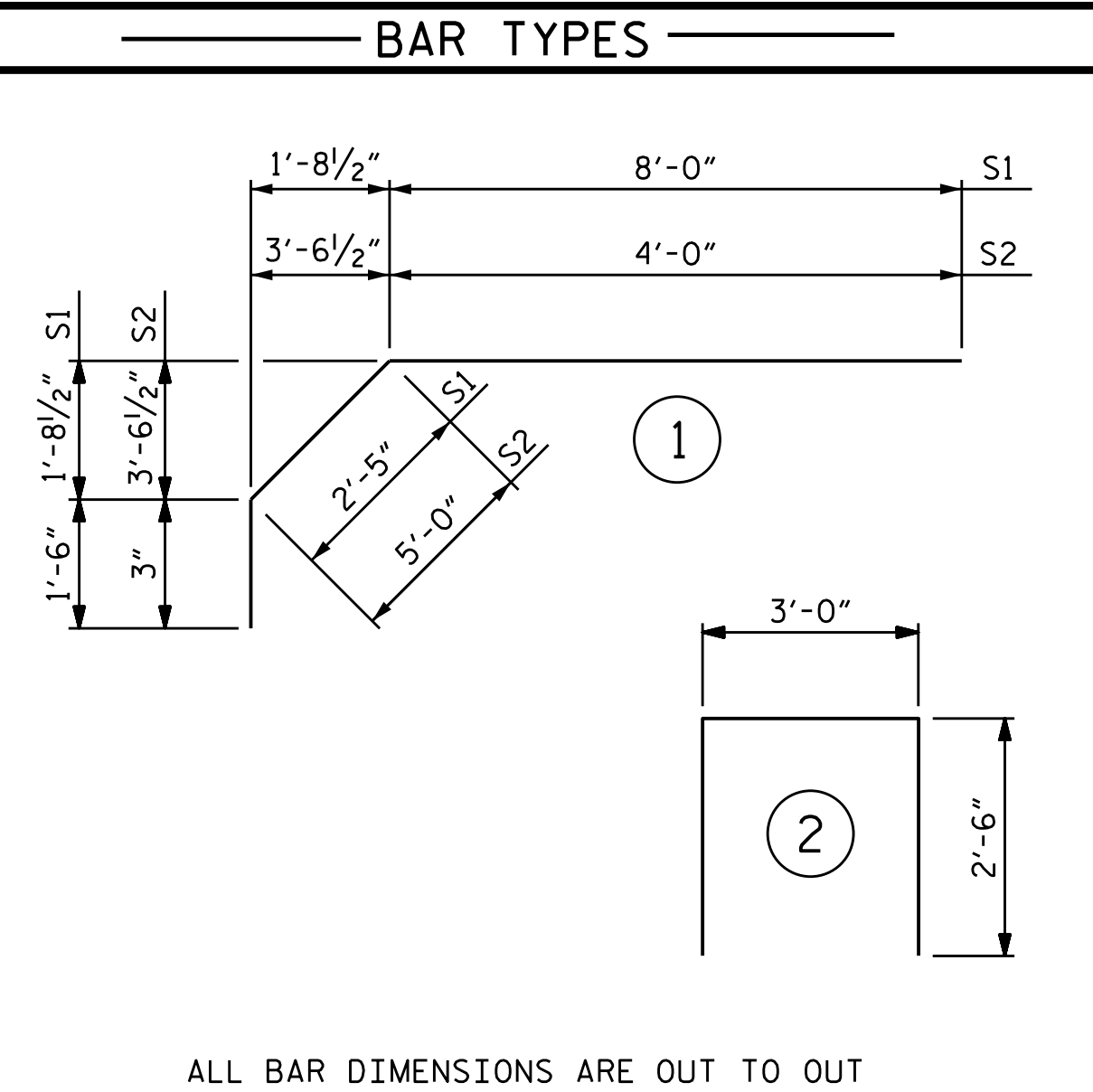


LAYOUT FOR COMPUTING AREA
REINFORCED CONCRETE DECK SLAB
& POURING SEQUENCE
(SQ. FT. = 4507)

BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	259	#5	STR	32'-2"	8689
* A2	184	#4	STR	2'-11"	358
* A101	2	#5	STR	30'-9"	64
* A102	2	#5	STR	28'-11"	60
* A103	2	#5	STR	27'-1"	56
* A104	2	#5	STR	25'-2"	52
* A105	2	#5	STR	23'-4"	49
* A106	2	#5	STR	21'-6"	45
* A107	2	#5	STR	19'-8"	41
* A108	2	#5	STR	17'-10"	37
* A109	2	#5	STR	15'-11"	33
* A110	2	#5	STR	14'-1"	29
* A111	2	#5	STR	12'-3"	26
* A112	2	#5	STR	10'-5"	22
* A113	2	#5	STR	8'-6"	18
* A114	2	#5	STR	6'-8"	14
* A115	2	#5	STR	4'-10"	10
* A116	2	#5	STR	3'-0"	6
* A117	2	#5	STR	30'-9"	64
* A118	2	#5	STR	28'-10"	60
* A119	2	#5	STR	27'-0"	56
* A120	2	#5	STR	25'-2"	52
* A121	2	#5	STR	23'-3"	48
* A122	2	#5	STR	21'-5"	45
* A123	2	#5	STR	19'-7"	41
* A124	2	#5	STR	17'-8"	37
* A125	2	#5	STR	15'-10"	33
* A126	2	#5	STR	14'-0"	29
* A127	2	#5	STR	12'-1"	25
* A128	2	#5	STR	10'-3"	21
* A129	2	#5	STR	8'-4"	17
* A130	2	#5	STR	6'-6"	14
* A131	2	#5	STR	4'-8"	10
* A132	2	#5	STR	2'-9"	6
* B1	132	#5	STR	47'-9"	6574
* B2	152	#5	STR	10'-6"	1665
* K1	8	#4	STR	39'-7"	212
* K2	8	#4	STR	4'-11"	26
* K3	16	#4	STR	5'-5"	58
* K4	8	#4	STR	5'-11"	32
* K5	4	#4	STR	2'-0"	5
* K6	8	#4	STR	2'-6"	13
* K7	4	#4	STR	2'-3"	6
* S1	60	#4	1	11'-11"	478
* S2	60	#4	1	9'-3"	371
* U1	60	#4	2	8'-0"	321
* EPOXY COATED REINF. STEEL = 19,928 LBS.					



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL		
	CLASS AA CONCRETE	EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)
POUR #1	58.9	—
POUR #2	50.8	—
TOTALS**	109.7	19928

**QUANTITIES FOR CONCRETE PARAPET ARE NOT INCLUDED

GROOVING BRIDGE FLOORS	
APPROACH SLABS	1303 SQ.FT.
BRIDGE DECK	3725 SQ.FT.
TOTAL	5028 SQ.FT.

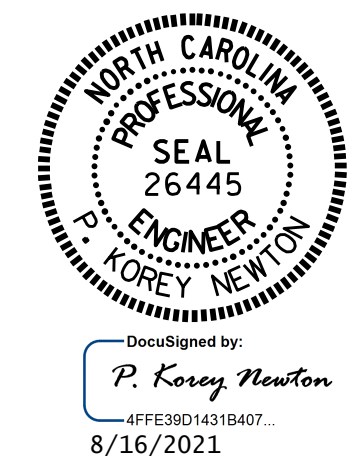
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	1'-11"	1'-7"	1'-11"	1'-7"	2'-6"
#5	2'-5"	2'-0"	2'-5"	2'-0"	3'-1"
#6	2'-10"	2'-5"	3'-7"	2'-5"	3'-8"
#7	4'-2"	2'-9"			
#8	4'-9"	3'-2"			

SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

DESIGN ENGINEER OF RECORD: P. K. NEWTON	DATE: 8/12/21
ASSEMBLED BY : OTN / MKB / PKN	DATE : 8/12/21
CHECKED BY : D. R. SHACKELFORD	DATE : 8/12/21
DRAWN BY : JMB 5/87	REV. 5/1/06 TLA/GM
CHECKED BY : SJD 9/87	REV. 10/1/11 MAA/GM
	REV. 12/17 MAA/THQ

16-AUG-2021 18:01
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pknewton

PROJECT NO. R-5021
BRUNSWICK COUNTY
STATION: 369+42.00 -L-



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE
BILL OF MATERIAL
(EBL)

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S2-26
2			4			38

STR. #2 STD. NO. BOM2