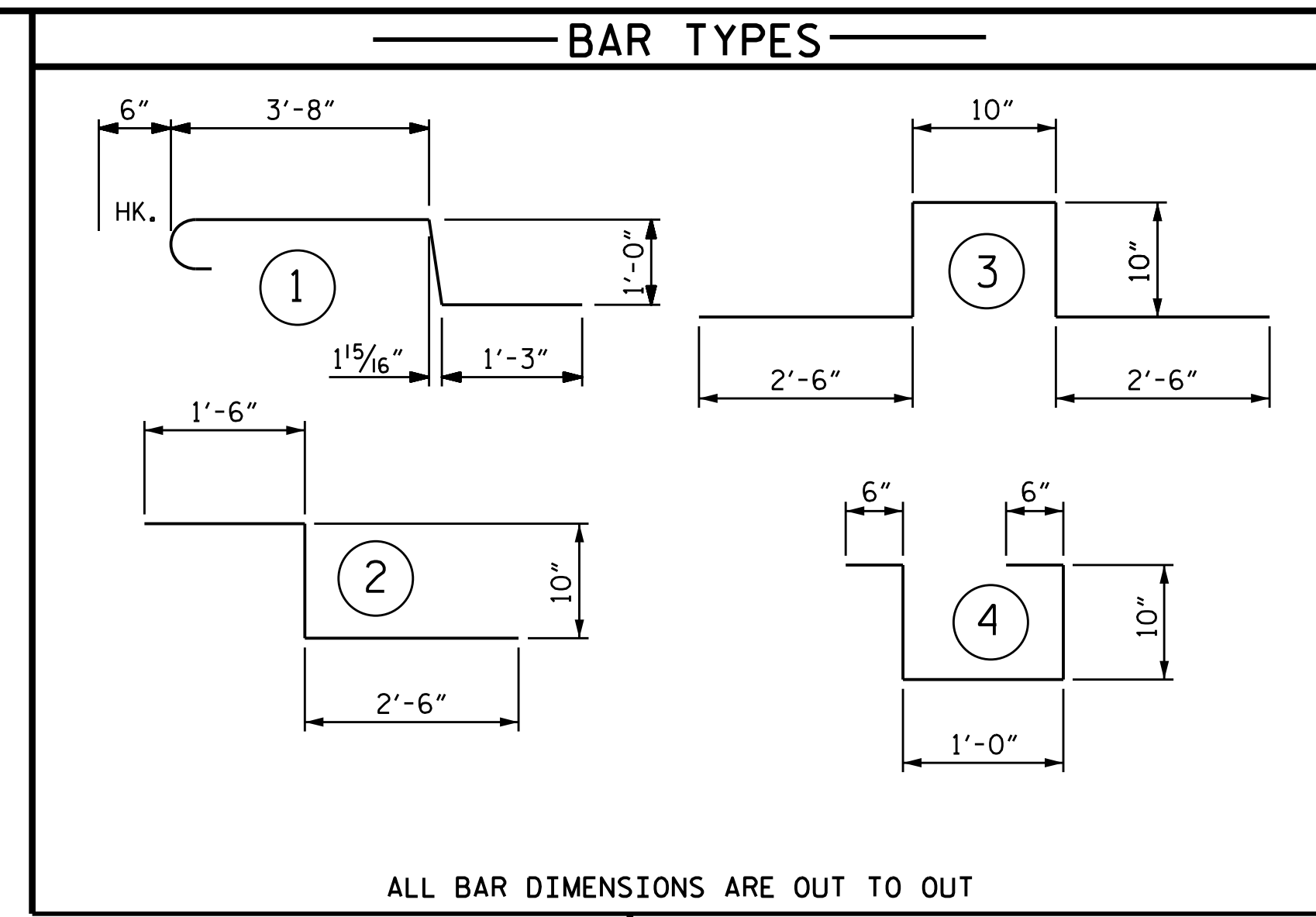


LAYOUT FOR COMPUTING AREA
OF REINFORCED CONCRETE DECK SLAB
(SQ. FT. = 1445)



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, 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"			

BILL OF MATERIAL

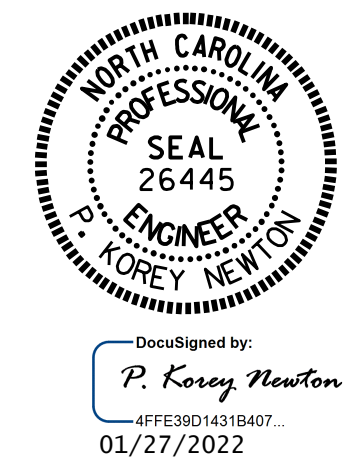
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	80	#5	STR	30'-1"	2510
* A2	80	#5	STR	30'-1"	2510
* B1	21	#4	STR	39'-5"	553
* B2	36	#5	STR	39'-5"	1480
* B3	24	#4	STR	39'-5"	632
* B4	160	#4	1	6'-5"	686
* B5	158	#4	STR	3'-4"	352
* G1	2	#5	STR	30'-1"	63
* K1	16	#5	2	4'-10"	81
* K2	16	#5	3	7'-6"	125
* K3	16	#5	STR	5'-10"	97
* S1	64	#4	4	3'-8"	157
* EPOXY COATED REINFORCING STEEL					9246 LBS.
CLASS AA CONCRETE					42.8 CU. YDS.
GROOVING BRIDGE FLOOR					997 SQ. FT.

— SUPERSTRUCTURE BILL OF MATERIAL —

	CLASS AA CONCRETE (CU.YDS.)	EPOXY COATED REINFORCING STEEL (LBS.)
SPAN 25	42.8	9246
TOTALS**	42.8	9246

** QUANTITIES FOR CLASSIC CONCRETE BRIDGE RAIL ARE NOT INCLUDED.

PROJECT NO. 15BPR.56
BEAUFORT COUNTY
STATION: 060028



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD
SUPERSTRUCTURE
BILL OF MATERIAL
(SPAN 25)

ASSEMBLED BY : M.K. BEARD	DATE : 12/14/21
CHECKED BY : O.T. NGUYEN	DATE : 12/2021
DRAWN BY : JMB 5/87	REV. 10/1/11 MAA/GM
CHECKED BY : SJD 9/87	REV. 12/17 MAA/THC
	REV. 06/19 BNB/THC

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-78
1			3			TOTAL SHEETS
2			4			78