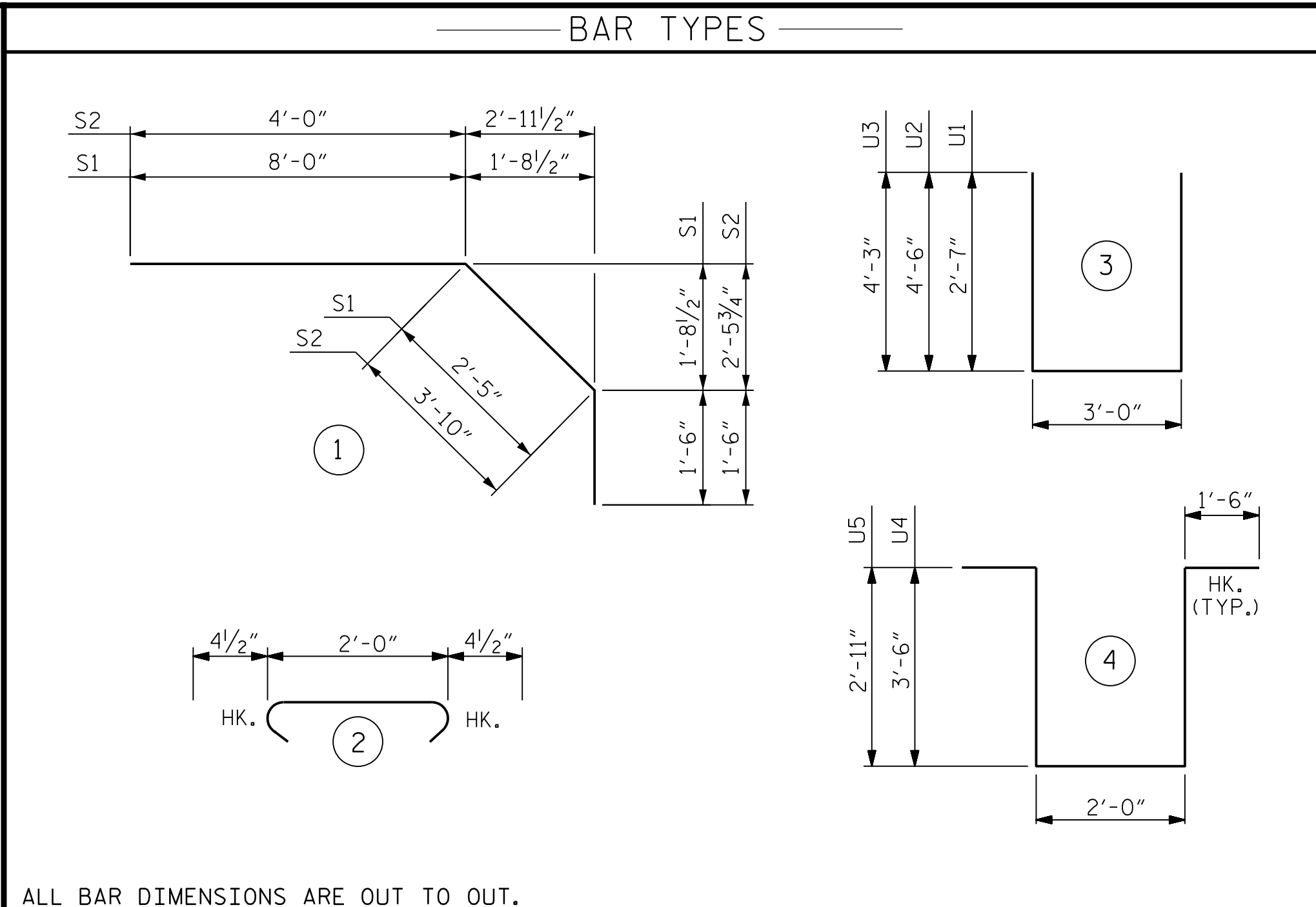


SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

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



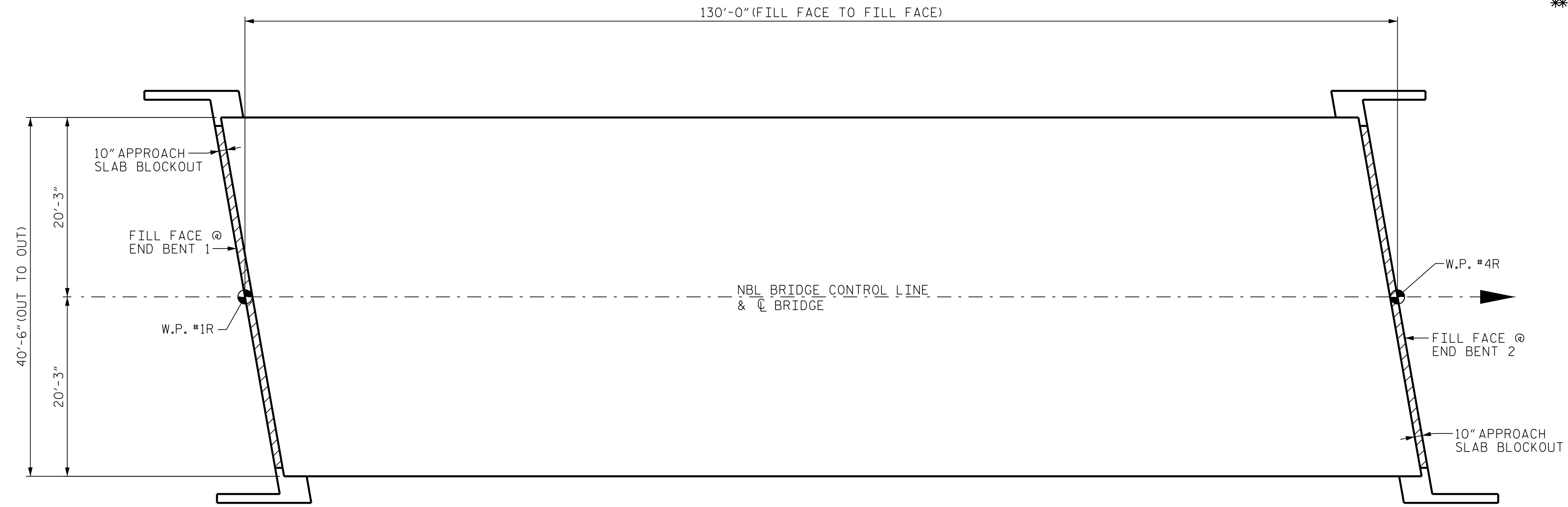
ALL BAR DIMENSIONS ARE OUT TO OUT.

BAR TYPES						BILL OF MATERIAL					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT		BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A1	291	#5	STR	40'-2"	12191	*B1	56	#6	STR	48'-3"	4058
*A100	2	#5	STR	2'-4"	5	*B2	54	#6	STR	12'-9"	1034
*A101	2	#5	STR	4'-8"	10	*B3	54	#6	STR	8'-6"	689
*A102	2	#5	STR	7'-0"	15	*B4	54	#6	STR	36'-3"	2940
*A103	2	#5	STR	9'-4"	19	*B5	27	#6	STR	58'-0"	2352
*A104	2	#5	STR	11'-8"	24	*B6	2	#6	STR	39'-2"	116
*A105	2	#5	STR	14'-0"	29	B7	240	#5	STR	33'-8"	8427
*A106	2	#5	STR	16'-4"	34	B8	16	#5	STR	34'-1"	569
*A107	2	#5	STR	18'-8"	39						
*A108	2	#5	STR	21'-0"	44	H1	52	#4	STR	10'-1"	350
*A109	2	#5	STR	23'-4"	49						
*A110	2	#5	STR	25'-8"	54	K1	16	#4	STR	24'-8"	264
*A111	2	#5	STR	28'-0"	58	K2	6	#4	STR	9'-8"	39
*A112	2	#5	STR	30'-4"	63	K3	12	#4	STR	10'-8"	86
*A113	2	#5	STR	32'-8"	68	K4	6	#4	STR	10'-2"	41
*A114	2	#5	STR	35'-0"	73	K5	4	#4	STR	5'-3"	14
*A115	2	#5	STR	37'-4"	78	K6	8	#4	STR	5'-9"	31
A2	291	#5	STR	40'-2"	12191	K7	4	#4	STR	5'-6"	15
A200	2	#5	STR	2'-4"	5	K8	24	#4	STR	2'-8"	43
A201	2	#5	STR	4'-8"	10	K9	16	#4	STR	18'-7"	199
A202	2	#5	STR	7'-0"	15	K10	12	#4	STR	8'-5"	67
A203	2	#5	STR	9'-4"	19	K11	24	#4	STR	10'-0"	160
A204	2	#5	STR	11'-8"	24	K12	12	#4	STR	10'-6"	84
A205	2	#5	STR	14'-0"	29						
A206	2	#5	STR	16'-4"	34	S1	72	#4	1	11'-11"	573
A207	2	#5	STR	18'-8"	39	S2	68	#4	1	9'-4"	424
A208	2	#5	STR	21'-0"	44	S3	168	#4	2	2'-9"	309
A209	2	#5	STR	23'-4"	49						
A210	2	#5	STR	25'-8"	54	U1	72	#4	3	8'-2"	393
A211	2	#5	STR	28'-0"	58	U2	6	#4	3	12'-0"	48
A212	2	#5	STR	30'-4"	63	U3	6	#4	3	11'-6"	46
A213	2	#5	STR	32'-8"	68	U4	48	#4	4	12'-0"	385
A214	2	#5	STR	35'-0"	73	U5	12	#4	4	10'-10"	87
A215	2	#5	STR	37'-4"	78						

REINFORCING STEEL = 25,507 LBS.
* EPOXY COATED REINFORCING STEEL = 24,044 LBS.

SUPERSTRUCTURE BILL OF MATERIAL			
ITEM	CLASS AA CONCRETE (CU. YD.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
SPANS A, B, & C		25,507	24,044
POUR #1	35.5		
POUR #2	65.2		
POUR #3	62.1		
POUR #4	63.2		
TOTALS **	226.0	25,507	24,044

** DOES NOT INCLUDE BARRIER RAIL



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. FT. = 5,265)

GROOVING BRIDGE FLOORS	
APPROACH SLABS	1,595 SQ. FT.
BRIDGE DECK	4,395 SQ. FT.
TOTAL	5,990 SQ. FT.

PROJECT NO. R-2915B
ASHE COUNTY
STATION: 198+64.50 -L-

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

CDM Smith
4500 Glenwood Avenue, Suite 400
Raleigh, NC 27612-3228
NC COA No. F-1255

CDM SMITH
DRAWN BY : B. WADSWORTH DATE : 06-15 DWG. No.
CHECKED BY : J. TAYLOR DATE : 06-15
DESIGN ENGINEER : J. TAYLOR DATE : 06-15



REVISIONS			SHEET No.		
No.	BY:	DATE:	No.	BY:	DATE:
1			3		
2			4		

TOTAL SHEETS 34