

REINFORCING STEEL SCHEDULE

UNIT 1 (UNIT 5 SIMILAR)						UNIT 2 (UNITS 3 & 4 SIMILAR)					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT		BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
A1E	376	5	STR	40' - 11"	16,046	A1E	568	5	STR	40' - 11"	24,240
A2	378	5	STR	40' - 11"	16,132	A2	570	5	STR	40' - 11"	24,325
B1	208	5	STR	49' - 3"	10,684	B1	312	5	STR	49' - 3"	16,027
B2E	198	4	STR	22' - 6"	2,976	B2E	198	4	STR	22' - 6"	2,976
B3E	33	7	STR	60' - 0"	4,047	B3E	66	7	STR	60' - 0"	8,094
B4E	33	7	STR	12' - 3"	826	B4E	66	7	STR	12' - 3"	1,653
B5E	56	7	STR	28' - 6"	3,262	B5E	112	7	STR	28' - 6"	6,524
B6E						B6E	66	4	STR	17' - 0"	749
G1E	2	5	STR	40' - 11"	85	G1E	2	5	STR	40' - 11"	85
J1E	84	4	6	1' - 5"	79	J1E	84	4	6	1' - 5"	79
K1E	12	8	2	19' - 6"	625	K1E	12	8	2	19' - 6"	625
K2E	8	8	1	12' - 8"	271	K2E	8	8	1	12' - 8"	271
K3E	8	6	STR	6' - 9"	81	K3E	8	6	STR	6' - 9"	81
K4	8	4	STR	5' - 1"	27	K4	16	4	STR	5' - 1"	54
K5	24	4	STR	7' - 2"	115	K5	48	4	STR	7' - 2"	230
K6	8	4	STR	6' - 9"	36	K6	16	4	STR	6' - 9"	72
K7	10	4	STR	18' - 7"	124	K7	20	4	STR	18' - 7"	248
S1E	32	4	7	2' - 0"	43	S1E	32	4	7	2' - 0"	43
S2E	64	5	3	5' - 11"	395	S2E	64	5	3	5' - 11"	395
S3E	32	4	7	2' - 4"	50	S3E	64	4	7	2' - 4"	100
S4	128	4	4	2' - 9"	235	S4	256	4	4	2' - 9"	470
S5E	64	4	5	5' - 5"	232	S5E	128	4	5	5' - 5"	463
U1	32	4	8	8' - 10"	189	U1	64	4	8	8' - 10"	378

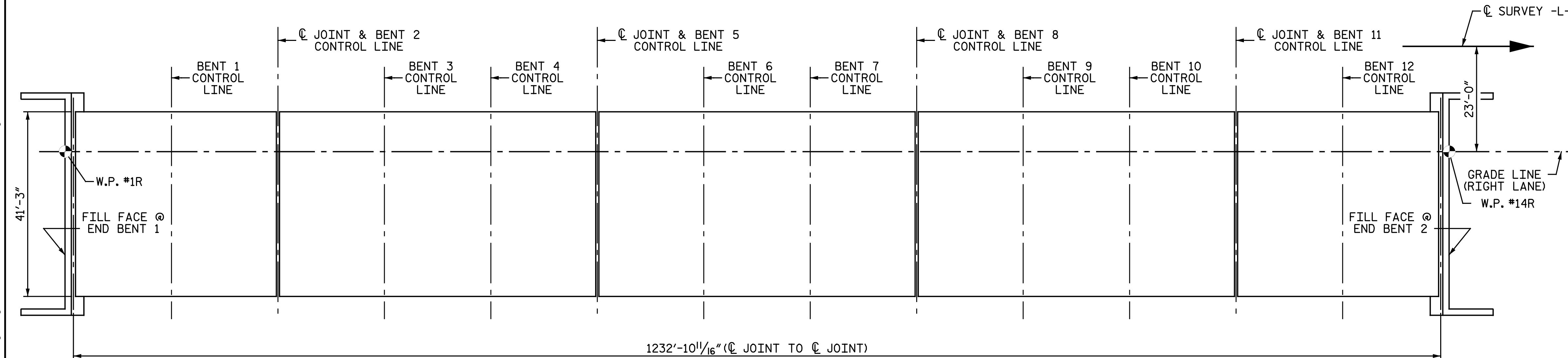
EPOXY COATED REINFORCING STEEL LBS. 29,018
 REINFORCING STEEL LBS. 27,542
 CLASS AA CONCRETE C.Y. 240.7

EPOXY COATED REINFORCING STEEL LBS. 46,378
 REINFORCING STEEL LBS. 41,804
 CLASS AA CONCRETE C.Y. 367.5

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"			

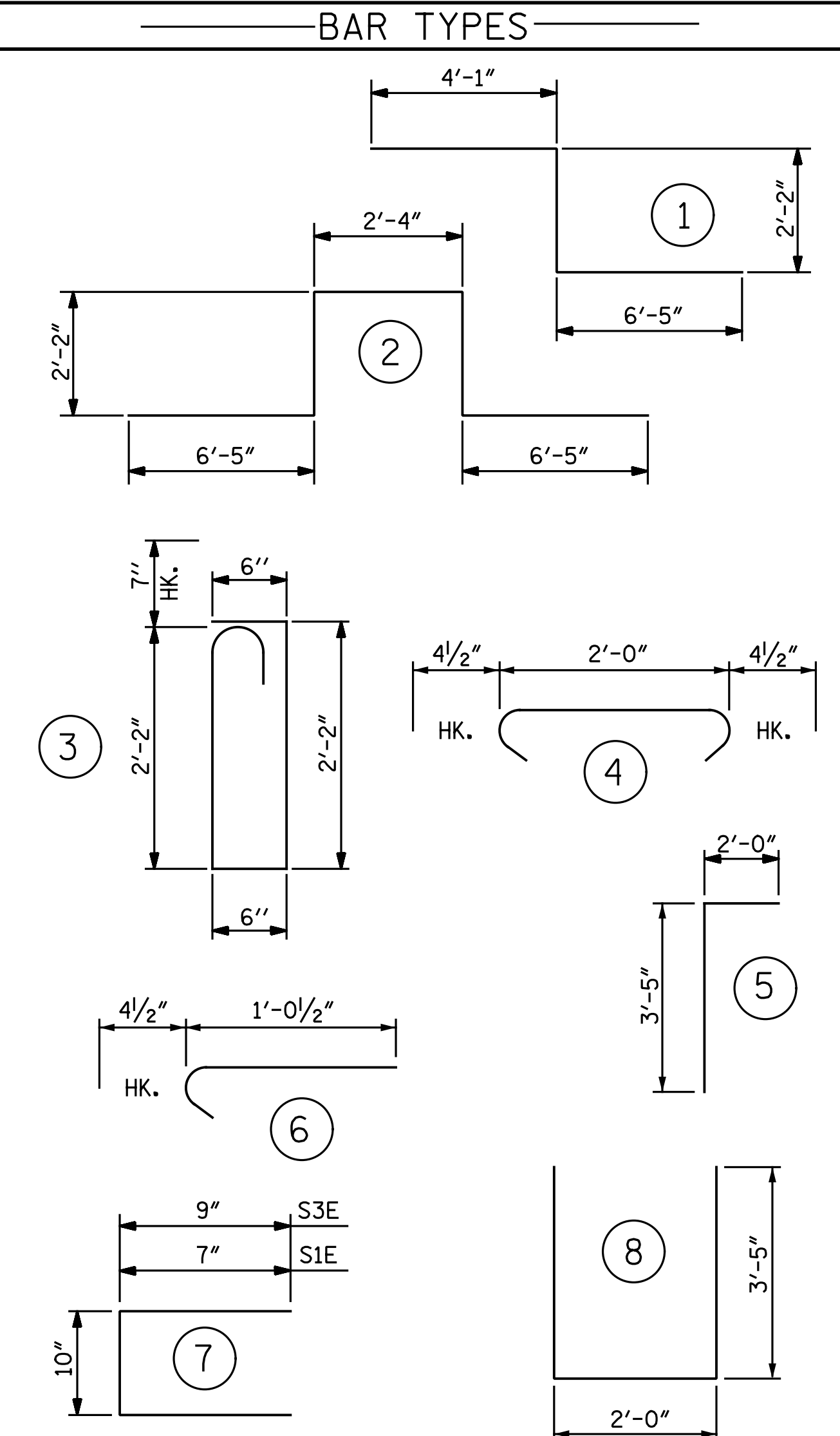
"E" SUFFIX DENOTES EPOXY COATED REINFORCING STEEL



LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB

(SQ. FT. = 50,857)

GROOVING BRIDGE FLOORS		
APPROACH SLABS	1,739	SQ.FT.
BRIDGE DECK	42,952	SQ.FT.
TOTAL	44,691	SQ.FT.



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
UNIT 1	240.7	27,542	29,018
UNIT 2	367.5	41,804	46,378
UNIT 3	367.5	41,804	46,378
UNIT 4	367.5	41,804	46,378
UNIT 5	240.7	27,542	29,018
TOTALS**	1,583.9	180,496	197,170

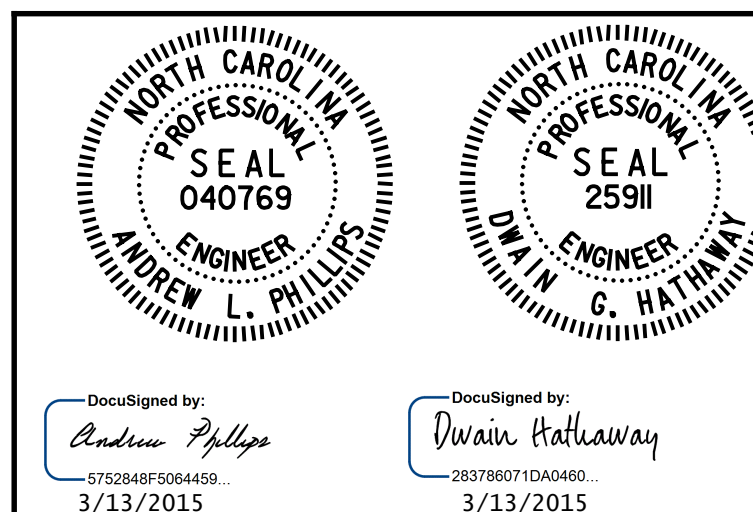
**QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

PROJECT NO. R-2514D
 JONES COUNTY
 STATION: 389+47.50 -L-

SHEET 1 OF 2

DRAWN BY: N. B. SPEAKS DATE: 9-13-13
 CHECKED BY: A. L. PHILLIPS DATE: 9-17-13

DWG. 31 OF 68



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STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE BILL OF MATERIAL RIGHT LANE					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S08-31
 TOTAL SHEETS 68