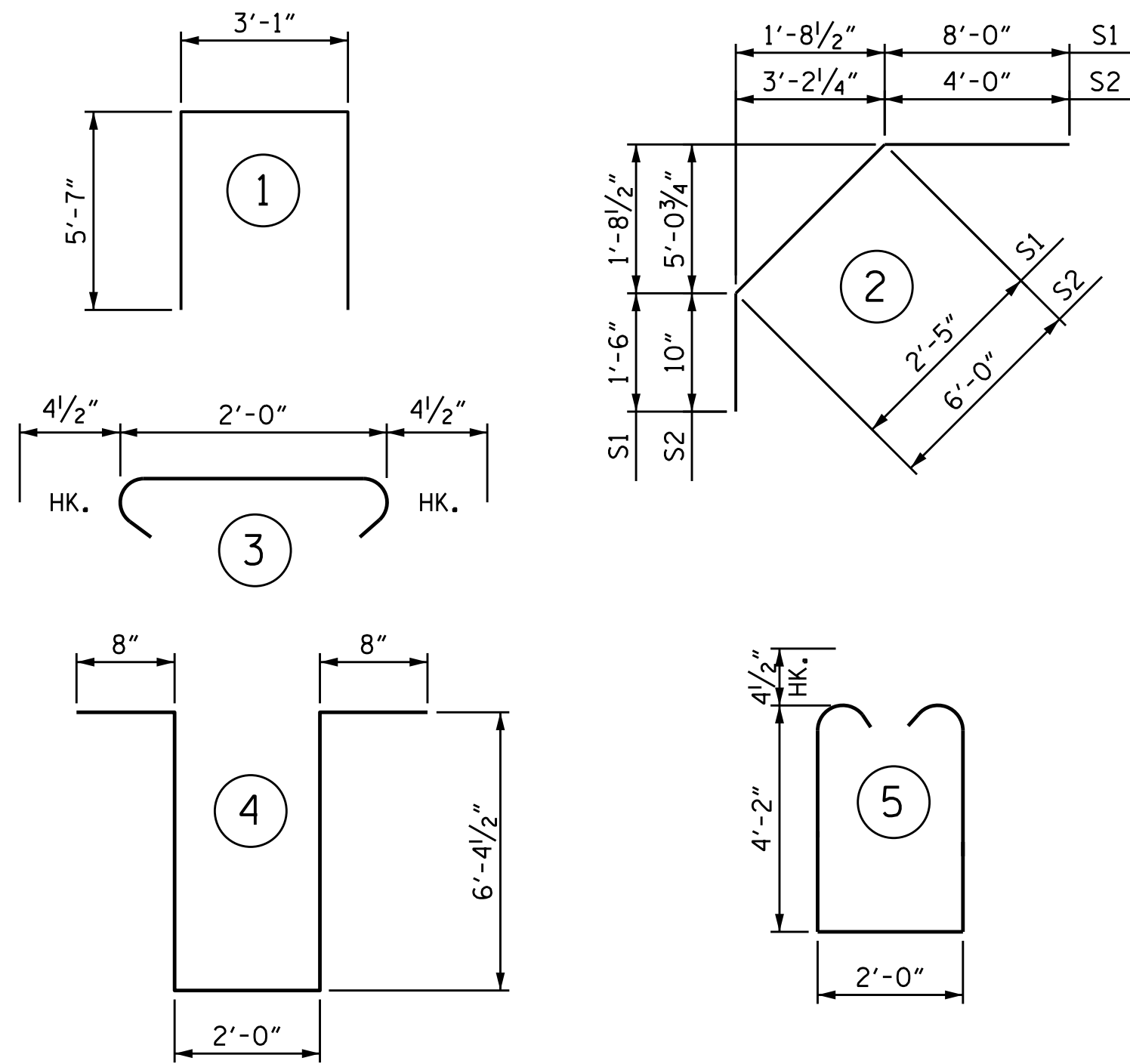


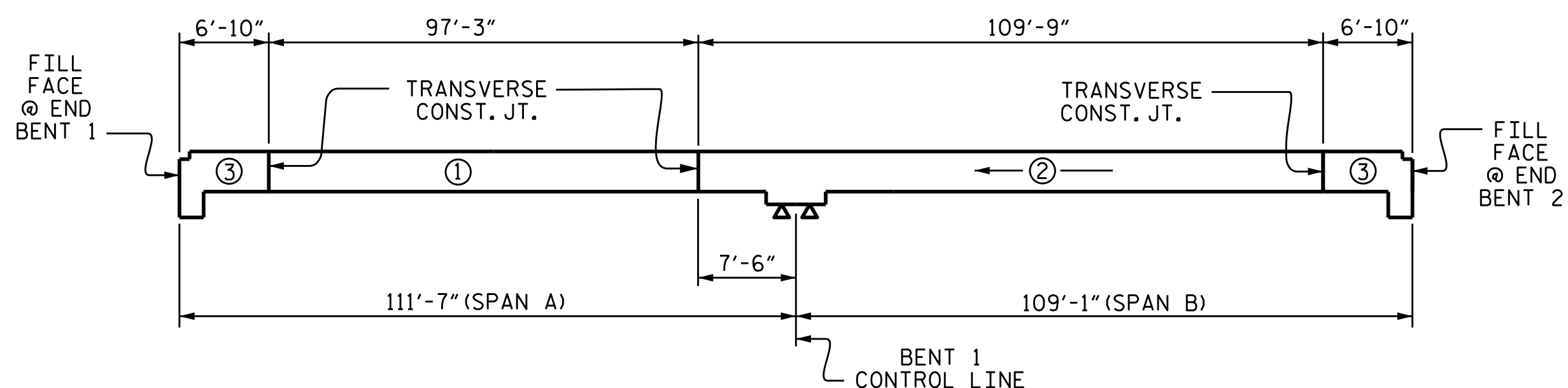
LAYOUT FOR COMPUTING AREA
REINFORCED CONCRETE DECK SLAB
(SQ. FT. = 13,406)

BAR TYPES

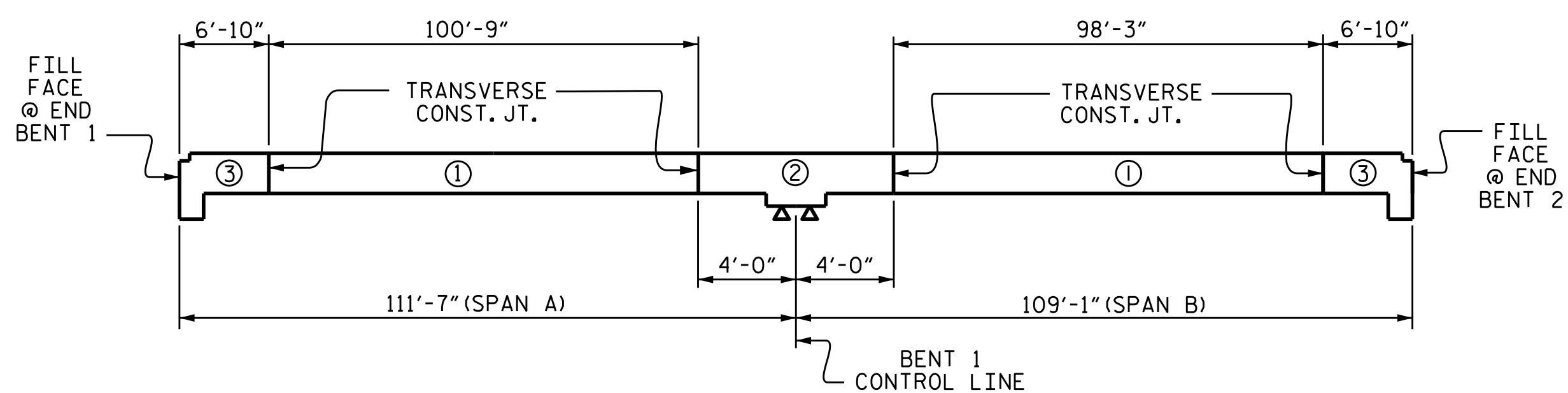


ALL BAR DIMENSIONS ARE OUT TO OUT.

REINFORCING BAR SCHEDULE						REINFORCING BAR SCHEDULE					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	744	#5	STR	31'-6"	24444	K4	100	#4	STR	9'-5"	629
A2	744	#5	STR	31'-4"	24314	K5	4	#4	STR	2'-5"	6
						K6	4	#4	STR	3'-1"	8
* A101	1	#5	STR	49'-0"	51	K7	20	#4	STR	3'-11"	52
* A102	1	#5	STR	28'-6"	30	K8	10	#4	STR	6'-8"	45
* A103	1	#5	STR	8'-1"	8	K9	14	#4	STR	26'-9"	250
* A104	1	#5	STR	49'-2"	51						
* A105	1	#5	STR	28'-9"	30	* S1	88	#4	2	11'-11"	701
* A106	1	#5	STR	8'-3"	9	* S2	88	#4	2	10'-10"	637
						S3	88	#4	1	14'-3"	838
A201	1	#5	STR	49'-0"	51	S4	280	#4	3	2'-9"	514
A202	1	#5	STR	28'-6"	30						
A203	1	#5	STR	8'-1"	8	U1	30	#4	4	16'-1"	322
A204	1	#5	STR	49'-2"	51	U2	20	#4	5	11'-1"	148
A205	1	#5	STR	28'-9"	30						
A206	1	#5	STR	8'-3"	9						
* B1	8	#5	STR	56'-7"	472	REINFORCING STEEL		LBS.		40,028	
* B2	322	#5	STR	22'-4"	7501	* EPOXY COATED REINFORCING STEEL		LBS.		50,212	
* B3	82	#4	STR	27'-11"	1529						
* B4	162	#5	STR	39'-5"	6660						
* B5	80	#5	STR	33'-2"	2767						
B6	204	#5	STR	56'-4"	11986						
* B7	82	#4	STR	27'-0"	1479						
* B8	120	#4	STR	29'-1"	2331						
* G1	146	#4	STR	15'-6"	1512						
K1	42	#4	STR	21'-4"	599						
K2	20	#4	STR	6'-5"	86						
K3	10	#4	STR	7'-10"	52						



POUR SEQUENCE



OPTIONAL POUR SEQUENCE

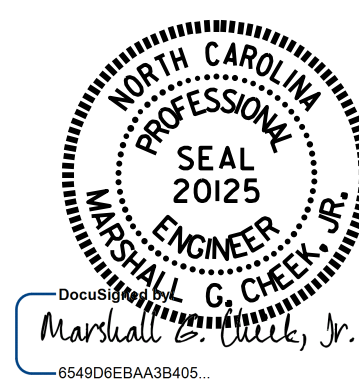
—SUPERSTRUCTURE BILL OF MATERIAL—			
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR #1	194.6	40,028	46,369
POUR #2	245.3		
POUR #3	113.0		
CONCRETE MEDIAN	52.5		3,843
TOTALS**	605.4	40,028	50,212

** QUANTITIES FOR CONCRETE BARRIER RAILS ARE NOT INCLUDED.

GROOVING BRIDGE FLOORS		
APPROACH SLABS	1,861	SQ. FT.
BRIDGE DECK	8,419	SQ. FT.
TOTAL	10,280	SQ. FT.

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

PROJECT NO. U-2579C
FORSYTH COUNTY
STATION: 29+24.97 -Y1-



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE
BILL OF MATERIAL

DRAWN BY : J.P. MCCARTHA DATE: 3/29/16
CHECKED BY : H.A. LOCKLEAR DATE: 8/25/16

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-20
1			3			TOTAL SHEETS
2			4			32