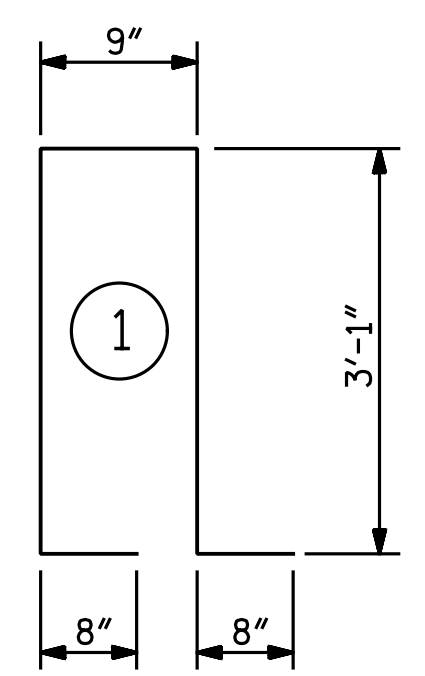


REINFORCING STEEL SCHEDULE

SPAN A						SPAN B						SPAN C						SPAN D					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT		BAR NO.	SIZE	TYPE	LENGTH	WEIGHT		BAR NO.	SIZE	TYPE	LENGTH	WEIGHT		BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
A1	106	6	STR	27' - 8"	4,405	A1	150	6	STR	27' - 8"	6,233	A1	150	6	STR	27' - 8"	6,233	A1	106	6	STR	27' - 8"	4,405
A2	4	6	STR	23' - 8"	142	A2	4	6	STR	23' - 8"	142	A2	4	6	STR	23' - 8"	142	A2	4	6	STR	23' - 8"	142
A3	4	6	STR	19' - 4"	116	A3	4	6	STR	19' - 4"	116	A3	4	6	STR	19' - 4"	116	A3	4	6	STR	19' - 4"	116
A4	4	6	STR	15' - 0"	90	A4	4	6	STR	15' - 0"	90	A4	4	6	STR	15' - 0"	90	A4	4	6	STR	15' - 0"	90
A5	4	6	STR	10' - 8"	64	A5	4	6	STR	10' - 8"	64	A5	4	6	STR	10' - 8"	64	A5	4	6	STR	10' - 8"	64
A6	4	6	STR	6' - 4"	38	A6	4	6	STR	6' - 4"	38	A6	4	6	STR	6' - 4"	38	A6	4	6	STR	6' - 4"	38
A7	4	6	STR	2' - 7"	16	A7	4	6	STR	2' - 7"	16	A7	4	6	STR	2' - 7"	16	A7	4	6	STR	2' - 7"	16
A8	8	6	STR	27' - 11"	335	A8	8	6	STR	27' - 11"	335	A8	8	6	STR	27' - 11"	335	A8	8	6	STR	27' - 11"	335
B1	138	4	STR	18' - 1"	1,667	B2	138	4	STR	24' - 6"	2,259	B2	138	4	STR	24' - 6"	2,259	B1	138	4	STR	18' - 1"	1,667
B3	12	5	STR	17' - 1"	214	B5	12	5	STR	24' - 5"	306	B7	12	5	STR	21' - 11"	274	B9	12	5	STR	16' - 5"	205
B4	12	5	STR	16' - 7"	208	B6	12	5	STR	22' - 1"	276	B8	12	5	STR	24' - 7"	308	B10	12	5	STR	17' - 3"	216
S1	68	5	1	8' - 3"	585	S1	94	5	1	8' - 3"	809	S1	94	5	1	8' - 3"	809	S1	68	5	1	8' - 3"	585
EPOXY COATED REINF. STEEL LBS. 7,880						EPOXY COATED REINF. STEEL LBS. 10,684						EPOXY COATED REINF. STEEL LBS. 10,684						EPOXY COATED REINF. STEEL LBS. 7,879					

BAR TYPES



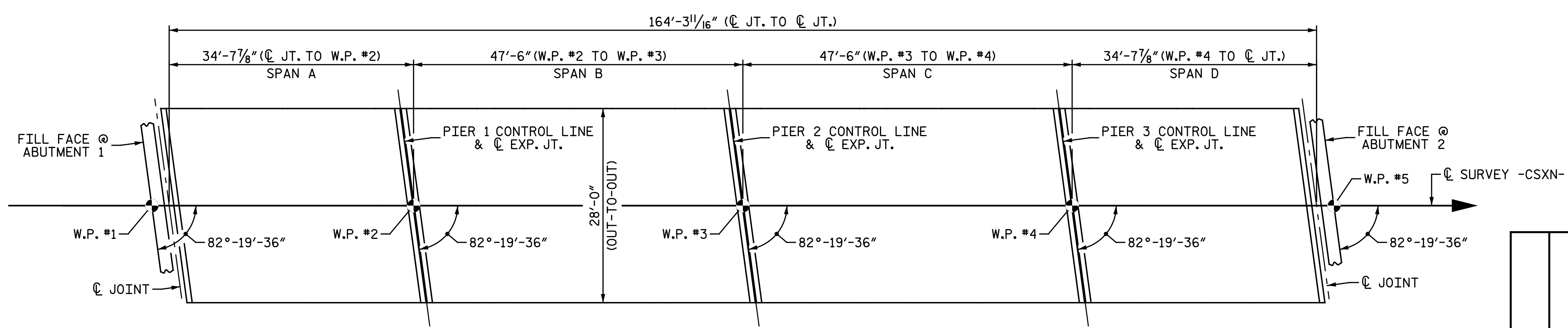
ALL BAR DIMENSIONS ARE OUT TO OUT

— SUPERSTRUCTURE BILL OF MATERIAL —

	CLASS AA CONCRETE		EPOXY COATED REINFORCING STEEL (LBS.)
	(CU.YDS.)		
	DECK SLAB	PARAPETS	
SPAN "A"	30.1	6.8	7,880
SPAN "B"	41.2	9.3	10,684
SPAN "C"	41.2	9.3	10,684
SPAN "D"	30.1	6.8	7,879
TOTALS	142.6	32.2	37,127

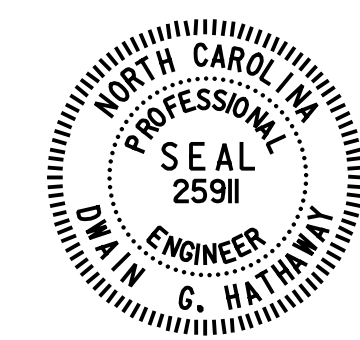
SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

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"			



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. FT. = 4,601)

PROJECT NO. U-3308
DURHAM COUNTY
 STATION: 24+55.20 -LALT-
13+22.18 -CSXN-



Disseminated by
Dwan Hathaway
5/3/2016

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



Michael Baker Engineering
 8000 Regency Parkway, Suite 600
 Cary, North Carolina 27618
 NC License No.: F-1084

REVISIONS						SHEET NO. S4-27
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 68
2			4			

5/3/2016 9:37:12 AM
 File Name: Y:\Projects\NCDOT\U-3308\Structures\Drawings\Final\404_027_U3308_SMLBOM.dgn

DRAWN BY: M. D. MAYHEW DATE: 3-4-14
 CHECKED BY: S. A. DENNEY DATE: 3-17-14