

BILL OF MATERIAL FOR ONE 60' CORED SLAB UNIT										
BAR	SIZE	TYPE	LEFT EXTERIOR UNIT			RIGHT EXTERIOR UNIT				
			NUMBER	LENGTH	WEIGHT	NUMBER	LENGTH	WEIGHT		
B5	#4	STR	4	30'-9"	83	4	30'-9"	83		
SPAN A	* S3	#4	4	56	5'-7"	209	59	5'-7"	221	
SPAN B	* S3	#4	4	60	5'-7"	224	63	5'-7"	235	
SPAN C	* S3	#4	4	60	5'-7"	224	61	5'-7"	228	
SPAN D	* S3	#4	4	59	5'-7"	221	63	5'-7"	235	
SPAN E	* S3	#4	4	59	5'-7"	221	62	5'-7"	232	
SPAN A	* S4	#4	STR	8	3'-2"	17	8	3'-2"	17	
	S10	#5	3	8	4'-9"	40	8	4'-9"	40	
SPAN A	S11	#4	3	169	5'-10"	659	175	5'-10"	682	
SPAN B	S11	#4	3	162	5'-10"	632	168	5'-10"	655	
SPAN C	S11	#4	3	162	5'-10"	632	164	5'-10"	640	
SPAN D	S11	#4	3	160	5'-10"	624	168	5'-10"	655	
SPAN E	S11	#4	3	160	5'-10"	624	166	5'-10"	647	
	S14	#4	3	4	5'-7"	15	4	5'-7"	15	
	S15	#5	3	4	7'-1"	30	4	7'-1"	30	
REINFORCING STEEL, LB.										
SPAN A			827			850				
SPAN B			800			823				
SPAN C			800			808				
SPAN D			792			823				
SPAN E			792			815				
* EPOXY COATED REINFORCING STEEL, LB.										
SPAN A			226			238				
SPAN B			224			235				
SPAN C			224			228				
SPAN D			221			235				
SPAN E			221			232				
0.6" Ø L.R. STRANDS, NO.										
SPAN A			37			37				
SPAN B			37			37				
SPAN C			37			37				
SPAN D			37			37				
SPAN E			37			37				
9500 P.S.I. CONCRETE, C.Y.										
SPAN A			11.8			11.8				
SPAN B			11.8			11.8				
SPAN C			11.8			11.8				
SPAN D			11.8			11.8				
SPAN E			11.8			11.8				

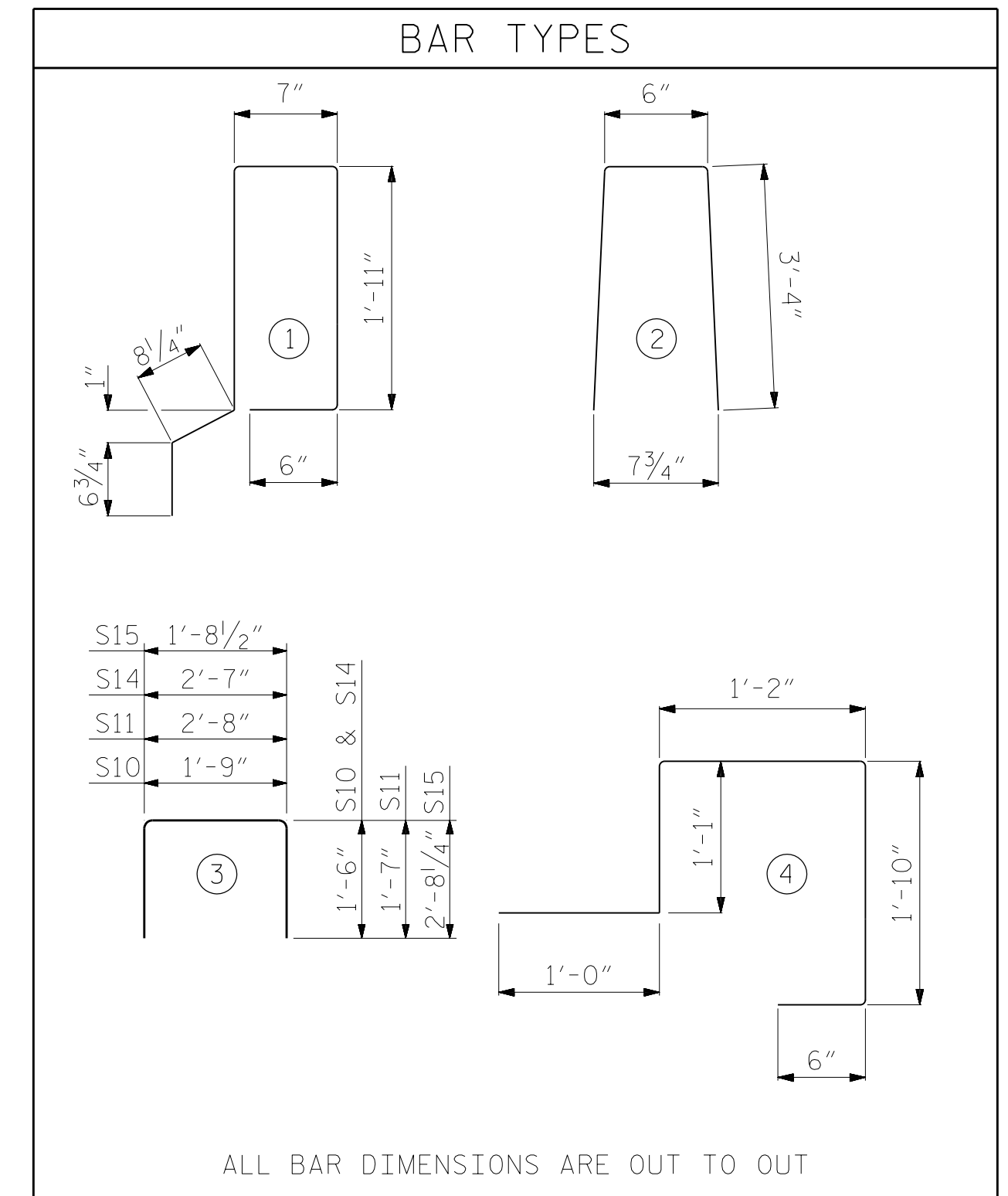
BILL OF MATERIAL FOR ONE 60' CORED SLAB UNIT										
BAR	SIZE	TYPE	INTERIOR UNIT			MODIFIED INTERIOR UNIT				
			NUMBER	LENGTH	WEIGHT	NUMBER	LENGTH	WEIGHT		
B5	#4	STR	4	30'-9"	83	4	30'-9"	83		
S10	#5	3	8	4'-9"	40	8	4'-9"	40		
S11	#4	3	124	5'-10"	484	124	5'-10"	484		
* S12	#5	1				68	5'-8"	402		
S14	#4	3	4	5'-7"	15	4	5'-7"	15		
S15	#5	3	4	7'-1"	30	4	7'-1"	30		
REINFORCING STEEL			LBS. 652			LBS. 652				
* EPOXY COATED REINFORCING STEEL			LBS. 0			LBS. 402				
9500 P.S.I. CONCRETE			CU. YDS. 10.2			CU. YDS. 10.2				
0.6" Ø L.R. STRANDS			No. 37			No. 37				

QUANTITIES ABOVE TYPICAL FOR SPANS A - E.

BILL OF MATERIAL FOR ONE 55' CORED SLAB UNIT										
BAR	SIZE	TYPE	LEFT EXTERIOR UNIT			RIGHT EXTERIOR UNIT				
			NUMBER	LENGTH	WEIGHT	NUMBER	LENGTH	WEIGHT		
B6	#4	STR	4	28'-3"	76	4	28'-3"	76		
SPAN F	* S3	#4	4	54	5'-7"	202	57	5'-7"	213	
SPAN G	* S3	#4	4	54	5'-7"	202	55	5'-7"	206	
SPAN H	* S3	#4	4	55	5'-7"	206	55	5'-7"	206	
SPAN I	* S3	#4	4	56	5'-7"	209	61	5'-7"	228	
SPAN J	* S3	#4	4	51	5'-7"	191	54	5'-7"	202	
SPAN J	* S4	#4	STR	8	3'-2"	17	8	3'-2"	17	
	S10	#5	3	8	4'-9"	40	8	4'-9"	40	
SPAN F	S11	#4	3	150	5'-10"	585	156	5'-10"	608	
SPAN G	S11	#4	3	150	5'-10"	585	152	5'-10"	593	
SPAN H	S11	#4	3	152	5'-10"	593	152	5'-10"	593	
SPAN I	S11	#4	3	154	5'-10"	601	164	5'-10"	640	
SPAN J	S11	#4	3	159	5'-10"	620	165	5'-10"	643	
	S14	#4	3	4	5'-7"	15	4	5'-7"	15	
	S15	#5	3	4	7'-1"	30	4	7'-1"	30	
REINFORCING STEEL, LB.										
SPAN F			746			769				
SPAN G			746			754				
SPAN H			754			754				
SPAN I			762			801				
SPAN J			781			804				
* EPOXY COATED REINFORCING STEEL, LB.										
SPAN F			202			213				
SPAN G			202			206				
SPAN H			206			206				
SPAN I			209			228				
SPAN J			208			219				
0.6" Ø L.R. STRANDS, NO.										
SPAN F			31			31				
SPAN G			31			31				
SPAN H			31			31				
SPAN I			31			31				
SPAN J			31			31				
8500 P.S.I. CONCRETE, C.Y.										
SPAN F			10.8			10.8				
SPAN G			10.8			10.8				
SPAN H			10.8			10.8				
SPAN I			10.8			10.8				
SPAN J			10.8			10.8				

BILL OF MATERIAL FOR ONE 55' CORED SLAB UNIT										
BAR	SIZE	TYPE	INTERIOR UNIT			MODIFIED INTERIOR UNIT				
			NUMBER	LENGTH	WEIGHT	NUMBER	LENGTH	WEIGHT		
B6	#4	STR	4	28'-3"	76	4	28'-3"	76		
S10	#5	3	8	4'-9"	40	8	4'-9"	40		
S11	#4	3	108	5'-10"	421	108	5'-10"	421		
* S12	#5	1				62	5'-8"	367		
S14	#4	3	4	5'-7"	15	4	5'-7"	15		
S15	#5	3	4	7'-1"	30	4	7'-1"	30		
REINFORCING STEEL			LBS. 582			LBS. 582				
* EPOXY COATED REINFORCING STEEL			LBS. 0			LBS. 367				
8500 P.S.I. CONCRETE			CU. YDS. 9.4			CU. YDS. 9.4				
0.6" Ø L.R. STRANDS			No. 31			No. 31				

QUANTITIES ABOVE TYPICAL FOR SPANS F - J.



CORED SLABS REQUIRED			
	NUMBER	LENGTH	TOTAL LENGTH
55' UNIT			
LEFT EXTERIOR C.S.	5	55'-0"	275'-0"
INTERIOR C.S.	60	55'-0"	3300'-0"
MOD. INTERIOR C.S.	5	55'-0"	275'-0"
RIGHT EXTERIOR C.S.	5	55'-0"	275'-0"
TOTAL	75	55'-0"	4125'-0"
60' UNIT			
LEFT EXTERIOR C.S.	5	60'-0"	300'-0"
INTERIOR C.S.	60	60'-0"	3600'-0"
MOD. INTERIOR C.S.	5	60'-0"	300'-0"
RIGHT EXTERIOR C.S.	5	60'-0"	300'-0"
TOTAL	75	60'-0"	4500'-0"

PROJECT NO. BR-0160  
BRUNSWICK COUNTY  
 STATION: 21+77.50 -L-

SHEET 16 OF 16

**RS&H**  
 RS&H Architects-Engineers-Planners, Inc.  
 8521 Six Forks Road, Suite 400  
 Raleigh, NC 27615  
 919-926-4100 FAX 919-846-9080  
 www.rsandh.com  
 North Carolina License No. 50737-5403-1-C&E

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

3'-0" X 2'-0"  
 PRESTRESSED CONCRETE  
 CORED SLAB UNIT

REVISIONS						TOTAL SHEETS
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			42
2			4			

DRAWN BY : MRA DATE : 02/2023  
 CHECKED BY : MKO DATE : 02/2023  
 DESIGN ENGINEER OF RECORD: RLB DATE : 03/2023

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED