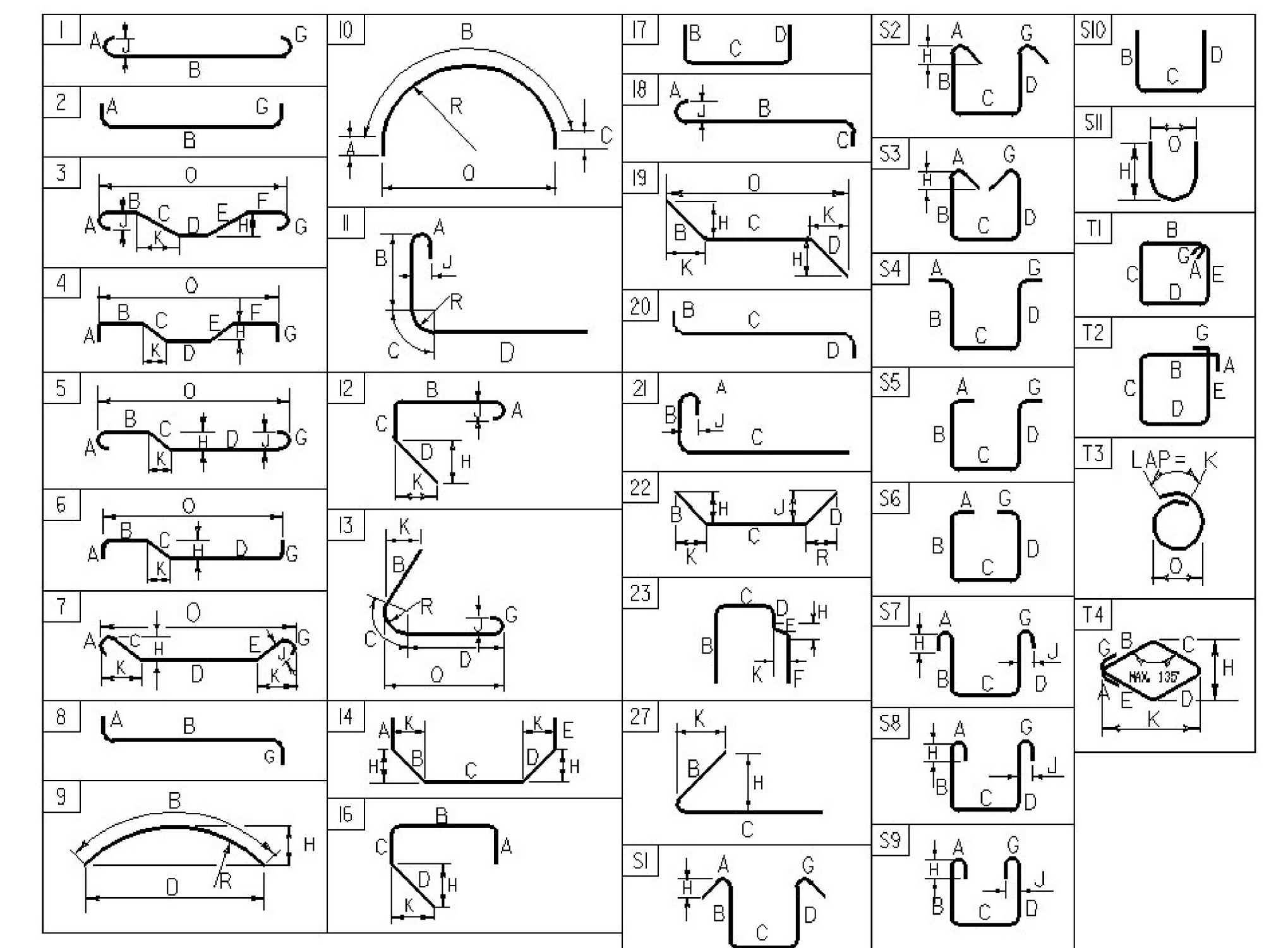


REINFORCING STEEL SCHEDULE

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O	ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
DECK																		ABUTMENT NO. 2																	
* 253	5	27'- 2"	S501.2	STR														* ▲ 41	5	23'- 10"	2A502	STR													
* 152	5	34'- 6"	S502.2	STR														8	5	24'- 0"	2A503	STR													
22	5	5'- 0"	S503.2	STR														▲ 6	5	11'- 2"	2A504	STR													
▲ 28	5	32'- 2"	S504.2	STR														▲ 46	5	13'- 9"	2A501	17		11'- 2"	2'- 7"	---									
2	5	37'- 9"	S505.2	STR														46	5	6'- 11"	2A505	17		2'- 2"	2'- 7"	2'- 2"									
2	5	35'- 11"	S506.2	STR														△ ▲ 127	10	13'- 9"	2A901	17		11'- 2"	2'- 7"	---									
110	5	4'- 6"	S507.2	S5	0'- 10"	0'- 8"	1'- 5"	0'- 9"				0'- 10"						▲ 127	10	13'- 9"	2A901.2	17		6'- 11"	1'- 7"	---									
110	5	4'- 8"	S508.2	S5	0'- 10"	0'- 10"	1'- 5"	0'- 9"				0'- 10"						* ▲ 37	5	24'- 0"	2A508.2	STR													
APPROACH SLAB NO. 1																		* 5	5	4'- 8"	2A510.2	STR													
* ▲ 24	5	33'- 8"	1AS501	STR														4	5	3'- 11"	2A511.2	STR													
* 43	9	20'- 9"	1AS901	1	1'- 3"	19'- 6"												26	5	13'- 1"	2A506.2	17		0'- 7"	5'- 3"	1'- 11"	---								
APPROACH SLAB NO. 2																		33	5	5'- 2"	2A507.2	1								0'- 7"					
* ▲ 24	5	31'- 9"	2AS501	STR														37	5	6'- 8"	2A509.2	17			3'- 8"	3'- 0"	---								
* 41	9	20'- 9"	2AS901	1	1'- 3"	19'- 6"												5	5	16'- 5"	2A512.2	17			6'- 11"	2'- 7"	6'- 11"								
ABUTMENT NO. 1																		4	5	15'- 9"	2A513.2	17													
* ▲ 41	5	25'- 1"	1A502	STR														WINGWALL NO. 3																	
8	5	25'- 3"	1A503	STR														▲ 14	5	12'- 6"	3W501	STR													
▲ 6	5	11'- 0"	1A504	STR														▲ 28	5	12'- 7"	3W502	STR													
▲ 49	5	13'- 7"	1A501	17		11'- 0"	2'- 7"	---										2	5	15'- 6"	3W503	22		2'- 2"	11'- 2"	2'- 2"		1'- 5"	1'- 7"	1'- 7"	1'- 5"	14'- 3"			
49	5	6'- 11"	1A505	17		2'- 2"	2'- 7"	2'- 2"										2	5	12'- 7"	3W504	19						0'- 3"	---	3'- 10"	---	12'- 7"			
▲ 134	10	13'- 9"	1A901	17		11'- 2"	2'- 7"	---										10	5	5'- 11"	3W505	17			2'- 2"	1'- 7"	2'- 2"								
▲ 134	10	13'- 9"	1A901.2	17		6'- 11"	1'- 7"	---										14	5	4'- 10"	3W506	22			2'- 2"	0'- 6"	2'- 2"		1'- 9"	1'- 9"	1'- 3"	1'- 3"	3'- 1"		
* ▲ 37	5	25'- 3"	1A508.2	STR														▲ 9	5	11'- 8"	3W507	22			2'- 2"	7'- 4"	2'- 2"								
* 5	5	5'- 6"	1A510.2	STR														* ▲ 11	6	12'- 6"	3W601	STR													
4	5	3'- 10"	1A511.2	STR														14	6	6'- 9"	3W602	27		2'- 0"	5'- 9"	---			0'- 11"		0'- 4"				
27	5	13'- 1"	1A506.2	17			5'- 3"	1'- 11"	---									WINGWALL NO. 4																	
35	5	5'- 2"	1A507.2	1		0'- 7"	4'- 0"											* ▲ 18	5	15'- 6"	4W501	STR													
39	5	6'- 8"	1A509.2	17			3'- 8"	3'- 0"	---									▲ 32	5	15'- 4"	4W502	STR													
6	5	16'- 5"	1A512.2	17			6'- 11"	2'- 7"	6'- 11"									2	5	19'- 10"	4W503	22		2'- 2"	15'- 6"	2'- 2"		1'- 7"	1'- 6"	1'- 6"	1'- 7"	18'- 7"			
4	5	15'- 9"	1A513.2	17			6'- 7"	2'- 7"	6'- 7"									2	5	15'- 4"	4W504	19			3'- 7"	11'- 9"	---		0'- 1"	---	3'- 7"	---	15'- 4"		
WINGWALL NO. 1																		14	5	5'- 11"	4W505	17			2'- 2"	1'- 7"	2'- 2"								
* ▲ 14	5	12'- 2"	1W501	STR														17	5	4'- 4"	4W506	19			2'- 0"	---	2'- 2"	---	2'- 0"	---	0'- 9"	---	2'- 11"		
▲ 26	5	12'- 1"	1W502	STR														▲ 12	5	14'- 7"	4W507	22			2'- 2"	10'- 3"	2'- 2"			1'- 3"	1'- 3"	1'- 9"	1'- 9"	13'- 10"	
2	5	14'- 4"	1W503	22			2'- 2"	10'- 0"	2'- 2"									* ▲ 15	6	15'- 6"	4W601	STR													
2	5	12'- 1"	1W504	19			3'- 4"	8'- 9"	---									17	6	7'- 8"	4W602	19		2'- 0"	6'- 8"	---			0'- 11"	---	0'- 4"	---	7'- 0"		
11	5	5'- 11"	1W505	17			2'- 2"	1'- 7"	2'- 2"									WINGWALL NO. 2																	
14	5	4'- 4"	1W506	19			2'- 2"	2'- 2"	---									▲ 16	5	15'- 5"	2W501	STR													
▲ 9	5	14'- 7"	1W507	22			2'- 2"	10'- 3"	2'- 2"									▲ 32	5	14'- 7"	2W502	STR													
* ▲ 12	6	12'- 2"	1W601	STR														2	5	17'- 11"	2W503	22		2'- 2"	13'- 7"	2'- 2"			1'- 6"	1'- 7"	1'- 7"	1'- 6"	16'- 8"		
14	6	8'- 11"	1W602	19			2'- 0"	7'- 11"	---									2	5	14'- 7"	2W504	19			3'- 10"	10'- 9"	---		0'- 4"	---	3'- 9"	---	14'- 7"		
WINGWALL NO. 2																		12	5	5'- 11"	2W505	17			2'- 2"	1'- 7"	2'- 2"								
▲ 16	5	15'- 5"	2W501	STR														17	5	4'- 10"	2W506	22			2'- 2"	0'- 6"	2'- 2"			1'- 9"	1'- 9"	1'- 3"	1'- 3"	3'- 1"	
▲ 32	5	14'- 7"	2W502	STR														▲ 12	5	11'- 8"	2W507	22			2'- 2"	7'- 4"	2'- 2"			1'- 9"	1'- 9"	1'- 3"	1'- 3"	9'- 10"	
2	5	17'- 11"	2W503	22			2'- 2"	13'- 7"	2'- 2"									* ▲ 13	6	15'- 5"	2W601	STR													
2	5	14'- 7"	2W504	19			3'- 10"	10'- 9"	---									17	6	8'- 0"	2W602	27		2'- 0"	7'- 0"	---			0'- 11"		0'- 4"				
12	5	5'- 11"	2W505	17			2'- 2"	1'- 7"	2'- 2"									ASTM STANDARD REINFORCING BARS																	
17	5	4'- 10"	2W506	22			2'- 2"	0'- 6"	2'- 2"									BAR SIZE DESIGNATION				WEIGHT POUNDS PER FOOT				NOMINAL DIMENSIONS ROUND SECTION									
▲ 12	5	11'- 8"	2W507	22			2'- 2"	7'- 4"	2'- 2"									#3	0.376	0.375	0.11	1.178	DIA	AREA	PERIMETER	SECTION									
* ▲ 13	6	15'- 5"	2W601	STR														#4	0.668	0.500	0.20	1.571	INCHES	INCHES ²	INCHES	INCHES									
17	6	8'- 0"	2W602	27			2'- 0"	7'- 0"	---									#5	1.043	0.625	0.31	1.963													
																		#6	1.502	0.750	0.44	2.356													
																		#7	2.044	0.875	0.60	2.749													
																		#8	2.670	1.000	0.79	3.142													
																		#9	3.400	1.128	1.00	3.544													
																		#10	4.303	1.270	1.27	3.990													
																		#11	5.313	1.410	1.56	4.430													
																		#14	7.65	1.693	2.25	5.32													
																		#18	13.60	2.257	4.00	7.09													

~ NOTES ~

- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING NO. 18 SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M31 (ASTM A 615-S1). ALL BARS SHALL BE GRADE 60, UNLESS OTHERWISE DESIGNATED.
- FOR TYPICAL BENDING DETAILS, RECOMMENDED PIN DIAMETER "D" OF BENDS AND HOOKS, AND OTHER STANDARD PRACTICE, SEE CURRENT CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE".
- BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
- ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.
- "J" DIMENSION ON 180 DEGREE HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
- "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
- WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS "H" AND "K" MUST BE SHOWN.
- ▲ DENOTES BARS TO BE CUT IN FIELD.
- * DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
- △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
- "2" IN BAR MARK SUFFIX DENOTES LEVEL II REINFORCING STEEL.



BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	DIA INCHES	AREA INCHES ²	PERIMETER INCHES
#3	0.376	0.375	0.11	1.178
#4	0.668	0.500	0.20	1.571
#5	1.043	0.625	0.31	1.963
#6	1.502	0.750	0.44	2.356
#7	2.044	0.875	0.60	2.749
#8	2.670	1.000	0.79	3.142
#9	3.400	1.128	1.00	3.544
#10	4.303	1.270	1.27	3.990
#11	5.313	1.410	1.56	4.430
#14	7.65	1.693	2.25	5.32
#18	13.60	2.257	4.00	7.09

PROJECT NAME: **STOWE**
 PROJECT NUMBER: **BRF 029-1(17)**
 FILE NAME: s85e037reinf.dgn
 PROJECT MANAGER: C. CARLSON
 DESIGNED BY: H. I. SALLS
 REINFORCING STEEL SCHEDULE

PLOT DATE: 17-JUN-2013
 DRAWN BY: G. ROY
 CHECKED BY: H. I. SALLS
 SHEET 41 OF 70