

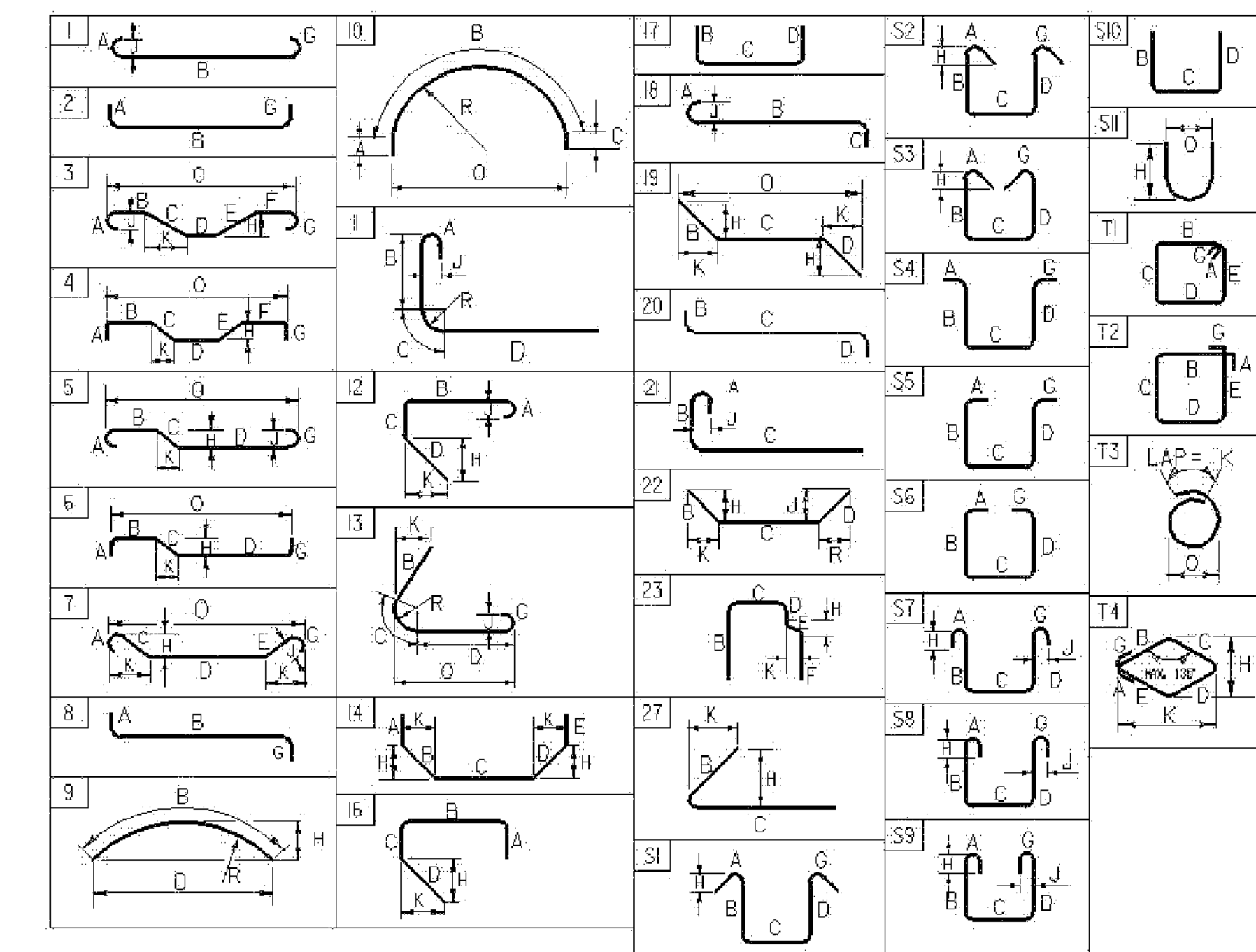
STATE OF VERMONT
AGENCY OF TRANSPORTATION

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																																						
	66	5	36'- 3"	ES501	STR	36'- 3"																																
△	73	5	10'- 6"	ES502	STR	10'- 6"																																
	71	5	20'- 6"	ES503	STR	20'- 6"																																
	66	5	4'- 8"	ES504	17		2'- 2"	2'- 6"	---																													
△	132	6	23'- 2"	ES601	3	0'- 8"	2'- 6"	20'- 0"	---	---	---	---	17'- 4"	0'- 6"	10'- 0"																							
APPROACH SLAB #1																																						
	21	5	8'- 6"	1EAS501	STR	8'- 6"																																
	21	5	17'- 6"	1EAS502	STR	17'- 6"																																
	33	9	20'- 9"	1EAS901	1	1'- 3"	19'- 6"																															
APPROACH SLAB #2																																						
	21	5	8'- 6"	2EAS501	STR	8'- 6"																																
	21	5	17'- 6"	2EAS502	STR	17'- 6"																																
	33	9	20'- 9"	2EAS901	1	1'- 3"	19'- 6"																															
ABUTMENT #1																																						
	19	5	16'- 6"	1A501	STR	16'- 6"																																
	19	5	21'- 2"	1A502	STR	21'- 2"																																
	78	6	10'- 3"	1A601	S10		3'- 6"	3'- 3"	3'- 6"																													
△	8	5	12'- 6"	1EA501	STR	12'- 6"																																
	8	5	21'- 2"	1EA502	STR	21'- 2"																																
				1EA503	BAR NOT USED																																	
	33	5	3'- 9"	1EA504	1	0'- 7"	2'- 7"																															
	3	5	10'- 3"	1EA505	S10		4'- 7"	1'- 1"	4'- 7"																													
	33	6	7'- 1"	1EA601	S10		3'- 0"	1'- 1"	3'- 0"																													
WINGWALL #1																																						
△	10	5	7'- 9"	1W501	STR	7'- 9"																																
	12	5	9'- 2"	1W502	22		2'- 2"	7'- 0"	---																													
	4	5	5'- 11"	1W503	S10		2'- 2"	1'- 7"	2'- 2"																													
	8	5	7'- 0"	1EW501	S10		2'- 2"	4'- 10"	---																													
	4	5	5'- 11"	1EW502	S10		2'- 2"	1'- 7"	2'- 2"																													
WINGWALL #2																																						
	8	5	4'- 9"	2W501	STR	4'- 9"																																
	12	5	9'- 2"	2W502	22		2'- 2"	7'- 0"	---																													
	4	5	5'- 11"	2W503	S10		2'- 2"	1'- 7"	2'- 2"																													
	8	5	4'- 10"	2EW501	STR	4'- 10"																																
	4	5	3'- 11"	2EW502	S10		1'- 9"	2'- 2"	---																													
	4	5	2'- 4"	2EW503	S10		0'- 2"	2'- 2"	---																													
	6	5	7'- 7"	2EW504	S10		3'- 0"	1'- 7"	3'- 0"																													
ABUTMENT #2																																						
	19	5	16'- 6"	2A501	STR	16'- 6"																																
	19	5	21'- 2"	2A502	STR	21'- 2"																																
	78	6	11'- 1"	2A601	S10		3'- 11"	3'- 3"	3'- 11"																													
△	8	5	12'- 6"	2EA501	STR	12'- 6"																																
	8	5	21'- 2"	2EA502	STR	21'- 2"																																
				2EA503	BAR NOT USED																																	
	33	5	3'- 9"	2EA504	1	0'- 7"	2'- 7"																															
	3	5	10'- 3"	2EA505	S10		4'- 7"	1'- 1"	4'- 7"																													
	33	6	7'- 1"	2EA601	S10		3'- 0"	1'- 1"	3'- 0"																													
WINGWALL #3																																						
△	22	5	8'- 3"	3W501	STR	8'- 3"																																
	12	5	14'- 2"	3W502	22		2'- 2"	12'- 0"	---																													
	10	5	5'- 11"	3W503	S10		2'- 2"	1'- 7"	2'- 2"																													
	8	5	12'- 0"	3EW501	22		2'- 2"	9'- 10"	---																													
	10	5	5'- 11"	3EW502	S10		2'- 2"	1'- 7"	2'- 2"																													
WINGWALL #4																																						
	20	5	5'- 3"	4W501	STR	5'- 3"																																
	12	5	14'- 2"	4W502	22		2'- 2"	12'- 0"	---																													
	10	5	5'- 11"	4W503	S10		2'- 2"	1'- 7"	2'- 2"																													
	8	5	9'- 10"	4EW501	STR	9'- 10"																																
	4	5	3'- 11"	4EW502	S10		1'- 9"	2'- 2"	---																													
	4	5	2'- 4"	4EW503	S10		0'- 2"	2'- 2"	---																													
	12	5	7'- 7"	4EW504	S10		3'- 0"	1'- 7"	3'- 0"																													

~ 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 M 31 (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.
- E IN BAR MARK PREFIX DENOTES EPOXY COATED REINFORCING STEEL.



ASTM STANDARD REINFORCING BARS				
BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER 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: **EAST HAVEN**
 PROJECT NUMBER: **BRF 0269(11)**
 FILE NAME: s00c152rss.xls PLOT DATE: 8/2/2011
 PROJECT MANAGER: K. HIGGINS DRAWN BY: R. PELLETT
 DESIGNED BY: J. LACROIX CHECKED BY: J. LACROIX
REINFORCING STEEL SCHEDULE SHEET 27 OF 40