

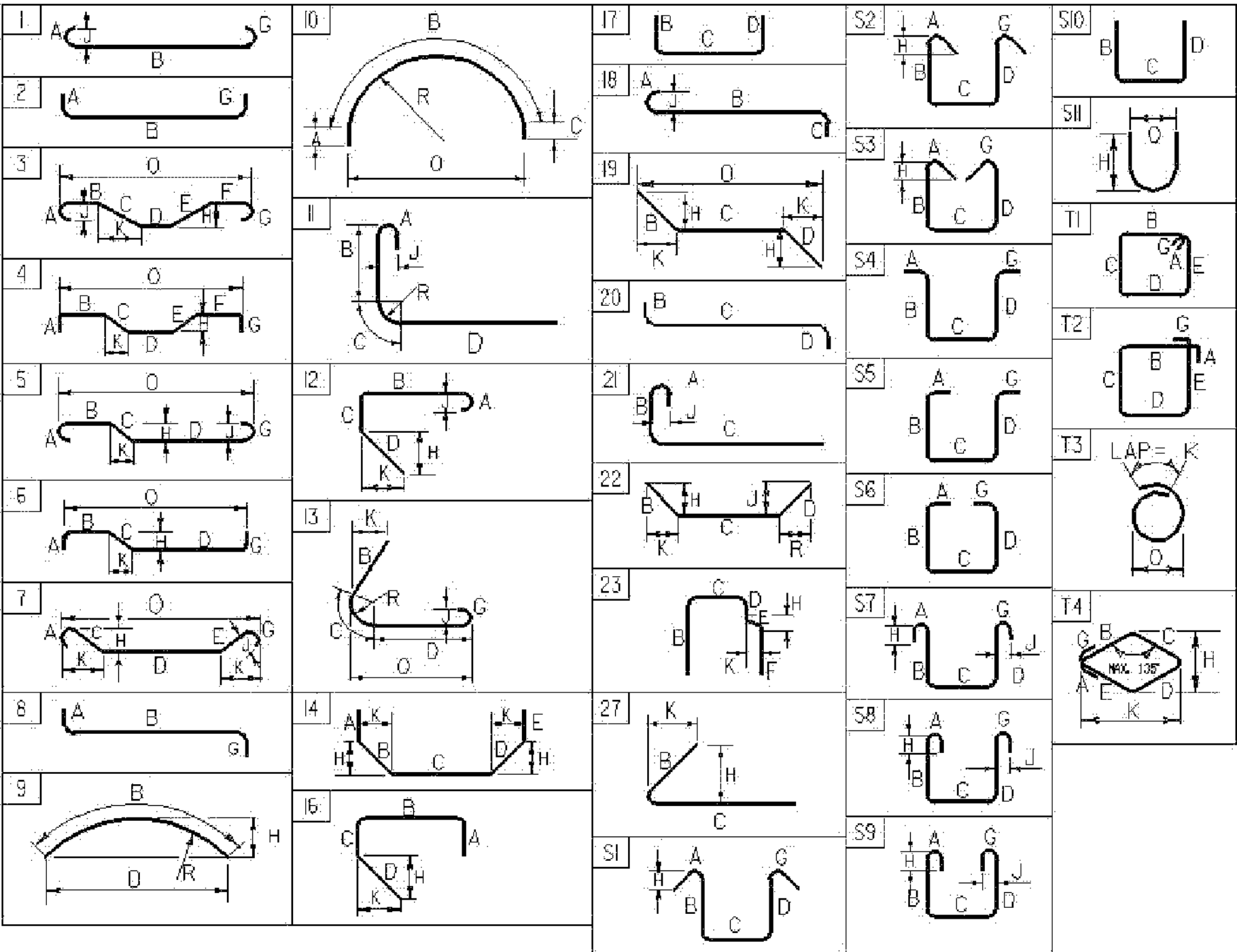
STATE OF VERMONT
AGENCY OF TRANSPORTATION

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																										
ABUTMENT #1																																																													
▲	64	5	2'- 6"	1A501	STR	2'- 6"																																																							
* ▲	7	5	30'- 0"	1A502	STR	30'- 0"																																																							
	16	8	3'- 9"	1A801	17		1'- 0"	2'- 9"																																																					
WINGWALL #1																																																													
				NO BARS																																																									
WINGWALL #2																																																													
▲	26	5	4'- 8"	2W501	STR	4'- 8"																																																							
	12	5	12'- 3"	2W502	22		1'- 0"	11'- 3"					0'- 7"	---	0'- 10"	---																																													
*	5	8	3'- 0"	2W801	STR	3'- 0"																																																							
ABUTMENT #2																																																													
▲	64	5	2'- 6"	2A501	STR	2'- 6"																																																							
▲	6	5	28'- 11"	2A502	STR	28'- 11"																																																							
	15	8	3'- 9"	2A801	17		1'- 0"	2'- 9"																																																					
WINGWALL #3																																																													
				NO BARS																																																									
WINGWALL #4																																																													
▲	16	5	4'- 6"	4W501	STR	4'- 6"																																																							
* ▲	11	5	9'- 7"	4W502	STR	9'- 7"																																																							
	3	8	3'- 0"	4W801	STR	3'- 0"																																																							
APPROACH SLAB #1																																																													
* ▲	22	5	26'- 3"	1EAS501	STR	26'- 3"																																																							
*	29	9	20'- 9"	1EAS901	1	1'- 3"	19'- 6"						---		1'- 0"																																														
APPROACH SLAB #2																																																													
	19	5	24'- 11"	2EAS501	STR	24'- 11"																																																							
▲	8	5	19'- 6"	2EAS502	STR	19'- 6"																																																							
*	19	5	5'- 0"	2EAS503	STR	5'- 0"																																																							
	18	5	5'- 5"	2EAS504	S5	---	0'- 5"	1'- 7"	0'- 5"				3'- 0"																																																
*	29	9	20'- 9"	2EAS901	1	1'- 3"	19'- 6"						---		1'- 0"																																														
BASE SLAB																																																													
	72	5	36'- 0"	EBS501	STR	36'- 0"																																																							
*	136	5	5'- 6"	EBS502	STR	5'- 6"																																																							
	6	5	9'- 0"	EBS504	STR	9'- 0"																																																							
	135	5	5'- 5"	EBS503	S5	---	0'- 9"	1'- 9"	0'- 9"				2'- 2"																																																
	135	5	8'- 3"	EBS504	2	0'- 9"	7'- 6"																																																						
*	71	8	7'- 3"	BS801	STR	7'- 3"																																																							

~ NOTES ~

1. 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 (ASTMA 615-S). ALL BARS SHALL BE GRADE 60, UNLESS OTHERWISE DESIGNATED.
2. 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".
3. BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
4. ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.
5. "J" DIMENSION ON 180 DEGREE HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
6. "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
7. WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS "H" AND "K" MUST BE SHOWN.
8. ▲ DENOTES BARS TO BE CUT IN FIELD.
9. * DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
10. △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
11. E IN BAR MARK PREFIX DENOTES EPOXY COATED REINFORCING STEEL.



ASTM STANDARD REINFORCING BARS				
BAR SIZE DESIGNA- TION	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:	ROXBURY
PROJECT NUMBER:	BHF 0187 (8)
FILE NAME: s10c420forms.dgn	PLOT DATE: 9/19/2011
PROJECT MANAGER: C.P. WILLIAMS	DRAWN BY: M. LONGSTREE1
DESIGNED BY: R. YOUNG	CHECKED BY: R. YOUNG
REINFORCING STEEL SCHEDULE SHEET #1	SHEET 27 OF 54