

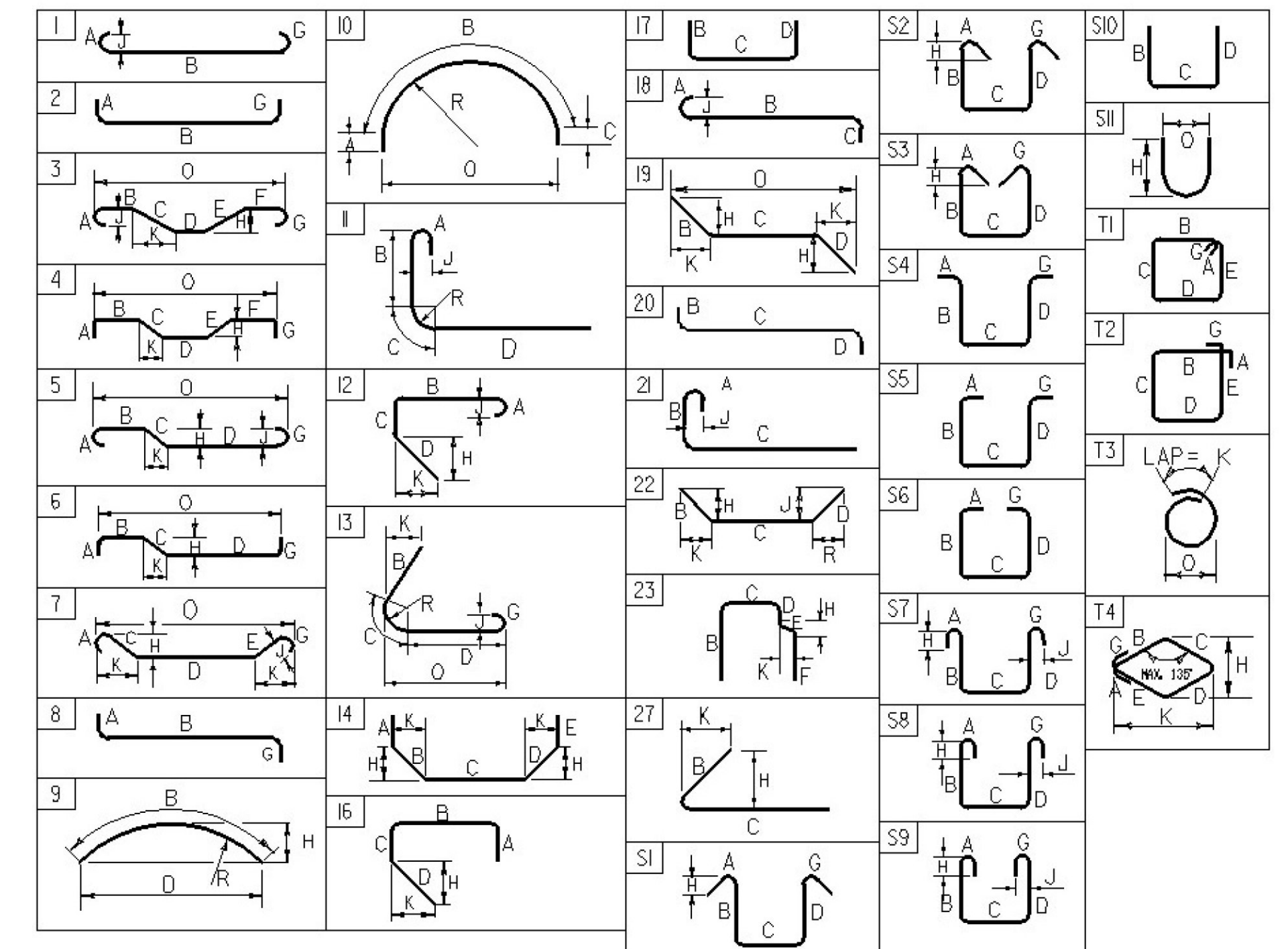
STATE OF VERMONT
AGENCY OF TRANSPORTATION

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				
SUPERSTRUCTURE																																							
*▲	425	5	22'-8"	ES501	STR																																		
*▲	29	5	21'-11"	ES503	STR																																		
▲	21	5	19'-8"	ES505	STR																																		
▲	16	5	14'-8"	ES506	STR																																		
▲	28	5	7'-8"	ES507	STR																																		
*▲	78	6	21'-3"	ES601	STR																																		
*▲	76	6	28'-6"	ES602	STR																																		
▲	152	6	24'-11"	ES603	STR																																		
▲	37	6	25'-6"	ES605	STR																																		
▲	33	6	35'-11"	ES607	STR																																		
▲	130	5	14'-5"	ES502	S5	2'-2"	1'-0"	6'-4"	0'-11"																														
▲	112	5	10'-11"	ES504	S5	2'-2"	3'-0"	0'-9"	2'-10"																														
2	5	28'-5"	ES508	11	---	1'-3"	27'-2"	---																															
2	5	19'-9"	ES509	11	---	12'-3"	6'-3"	1'-3"																															
▲	62	5	6'-8"	ES510	S5	2'-2"	0'-11"	0'-10"	0'-7"																														
▲	37	6	23'-0"	ES604	1	0'-8"	22'-4"																																
▲	33	6	40'-2"	ES606	1	0'-8"	39'-6"																																
▲	79	5	10'-5"	ES511	S5	2'-2"	2'-9"	0'-9"	2'-7"																														
SUPERSTRUCTURE SIDEWALK																																							
*▲	50	5	22'-8"	ESS501	STR																																		
2	10g	50g	50'-0"	SSWWF	WWF																																		
ABUTMENT NO. 1																																							
▲	18	5	2'-8"	1A502	STR																																		
▲	30	6	28'-3"	1A604	STR																																		
▲	22	6	19'-0"	1A608	STR																																		
▲	76	5	8'-6"	1A501	S10		3'-6"	1'-6"	3'-6"																														
*▲	5	5	15'-6"	1A503	S10		7'-0"	1'-6"	7'-0"																														
▲	26	5	4'-5"	1A505	22		1'-2"	0'-3"	3'-0"																														
▲	26	5	5'-0"	1A506	16	---	1'-3"	0'-9"	3'-0"																														
*▲	22	5	17'-6"	1A507	S10		8'-0"	1'-6"	8'-0"																														
ABUTMENT NO. 2																																							
*▲	23	5	8'-3"	2A502	STR																																		
▲	42	6	21'-11"	2A604	STR																																		
*▲	21	5	10'-6"	2A508	STR																																		
▲	48	5	8'-6"	2A501	S10		4'-3"	1'-6"	4'-3"																														
▲	10	5	17'-6"	2A503	S10		8'-0"	1'-6"	8'-0"																														
▲	19	5	4'-5"	2A505	22		1'-2"	0'-3"	3'-0"																														
▲	19	5	5'-0"	2A506	16	---	1'-3"	1'-6"	3'-0"																														
▲	12	5	15'-6"	2A507	S10		8'-0"	1'-6"	8'-0"																														
▲	9	5	4'-3"	2A509	S10		2'-1"	1'-6"	2'-1"																														
▲	9	5	4'-7"	2A510	S10		1'-5"	2'-0"	2'-1"																														
*▲	6	10	14'-8"	2A1001	1		1'-5"	11'-10"																															
CURBING																																							
*▲	9	5	26'-6"	C502	STR																																		
▲	28	5	30'-0"	C504	STR																																		
▲	28	5	9'-8"	C501	S10		4'-4"	1'-0"	4'-4"																														
▲	105	5	7'-6"	C503	S10		3'-0"	1'-6"	3'-0"																														
*▲	106	5	8'-3"	C505	2		1'-3"	7'-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 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.
- 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: **BARRE CITY**
 PROJECT NUMBER: **BHF 6000 (15)S**
 FILE NAME: **z95j302rss.dgn** PLOT DATE: **1/30/2009**
 PROJECT MANAGER: **J.W. TUCKER** DRAWN BY: **A.P. GUYETTE**
 DESIGNED BY: **A.P. GUYETTE** CHECKED BY: **E.P. DETRICK**
REINFORCING STEEL SCHEDULE SHEET **44** OF **56**