

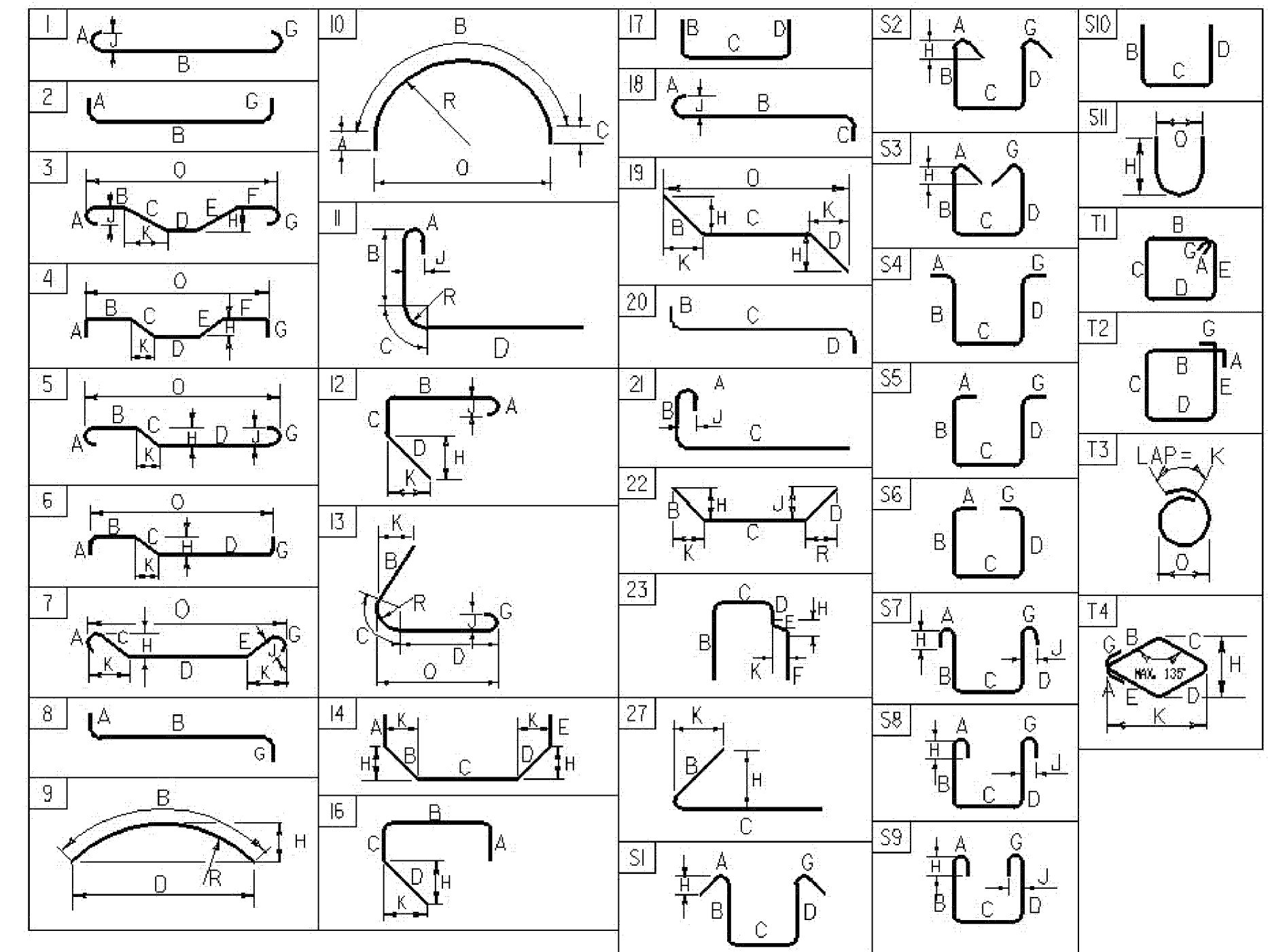
STATE OF VERMONT
AGENCY OF TRANSPORTATION

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		
WEST ABUTMENT																																					
14	4	9'-10"	A401	T2		0'-6"	2'-3"	2'-2"	2'-3"	2'-2"							0'-6"																				
42	5	29'-6"	A501	STR																																	
84	5	17'-10"	A502	STR																																	
14	5	4'-11"	A503	STR																																	
*	15	5	15'-0"	A504	STR																																
16	5	5'-7"	EA505	STR																																	
14	5	5'-9"	EA506	STR																																	
28	5	13'-7"	EA507	STR																																	
30	5	12'-7"	EA508	STR																																	
10	5	3'-9"	A509	STR																																	
60	5	3'-9"	EA510	STR																																	
48	5	6'-7"	A511	STR																																	
20	5	8'-11"	EA512	STR																																	
12	5	13'-8"	EA513	STR																																	
6	5	3'-6"	A514	STR																																	
▲	24	5	10'-0"	A515	STR																																
84	5	5'-10"	A516	17			0'-10"	5'-0"	0'-0"																												
12	5	17'-10"	A517	17			2'-2"	13'-6"	2'-2"																												
30	5	10'-10"	A518	17			2'-2"	6'-6"	2'-2"																												
76	5	17'-9"	A519	17			2'-2"	13'-5"	2'-2"																												
14	5	6'-0"	EA520	17			3'-0"	3'-0"	0'-0"																												
14	5	7'-0"	EA521	17			3'-0"	4'-0"	0'-0"																												
10	5	4'-8"	EA522	17			3'-6"	2'-2"	0'-0"																												
2	5	6'-2"	A523	22			4'-0"	2'-2"	0'-0"				3'-7"	0'-0"	1'-10"	0'-0"																					
14	5	5'-0"	EA524	17			2'-6"	2'-6"	0'-0"																												
4	5	7'-3"	A525	17			2'-6"	2'-3"	2'-6"																												
6	5	8'-0"	A526	22			2'-4"	3'-6"	2'-2"				0'-0"	1'-7"	2'-2"	1'-9"	0'-0"																				
28	5	4'-2"	EA527	2			0'-10"	3'-4"	0'-0"				0'-0"																								
9	5	8'-10"	EA528	S10			3'-10"	1'-2"	3'-10"																												
10	5	7'-8"	EA529	STR																																	
*	15	6	15'-0"	A601	STR																																
16	6	5'-7"	EA602	STR																																	
14	6	5'-9"	EA603	STR																																	
32	6	11'-4"	A604	17			6'-0"	5'-4"	0'-0"																												
14	6	6'-5"	EA605	17			2'-7"	3'-10"	0'-0"																												
*	33	7	12'-6"	A701	STR																																
20	7	5'-10"	A702	STR																																	
16	7	6'-1"	EA703	17			2'-2"	3'-11"	0'-0"				3'-7"	0'-0"	1'-10"	0'-0"																					
2	7	6'-2"	A704	22			4'-0"	2'-2"	0'-0"																												
32	7	10'-6"	A705	STR																																	
* ▲	26	8	8'-0"	A801	STR																																
*	33	9	19'-6"	A901	STR																																
*	61	10	19'-6"	A1001	STR																																
WINGWALL 1																																					
11	5	7'-6"	1W501	STR																																	
18	5	10'-0"	1W502	STR																																	
9	5	5'-5"	1W503	17			2'-2"	1'-1"	2'-2"																												
20	7	7'-6"	1W701	STR																																	
WINGWALL 2																																					
▲	11	5	7'-6"	2W501	STR																																
▲	18	5	10'-0"	2W502	STR																																
9	5	5'-5"	2W503	17			2'-2"	1'-1"	2'-2"																												
▲	20	7	7'-6"	2W701	STR																																
PIER																																					
4	5	21'-0"	1P501	STR																																	
44	5	8'-7"	1P502	STR																																	
▲	44	5	4'-4"	1P503	2		0'-10"	3'-6"																													
*	40	5	3'-11"	1P504	17			1'-8"	2'-3"	0'-0"																											
*	29	5	3'-0"	1P505	STR																																
36	8	21'-0"	1P801	STR																																	
*	7	8	8'-7"	1P802	STR																																

~ 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:	WOODSTOCK	WOODSTOCK
PROJECT NUMBER:	BHO 1444 (52)	ST 1444(58)
FILE NAME:	z96j262reinf.xls	PLOT DATE: 6/12/2012
PROJECT MANAGER:	M. Sargent	DRAWN BY: S. Delia