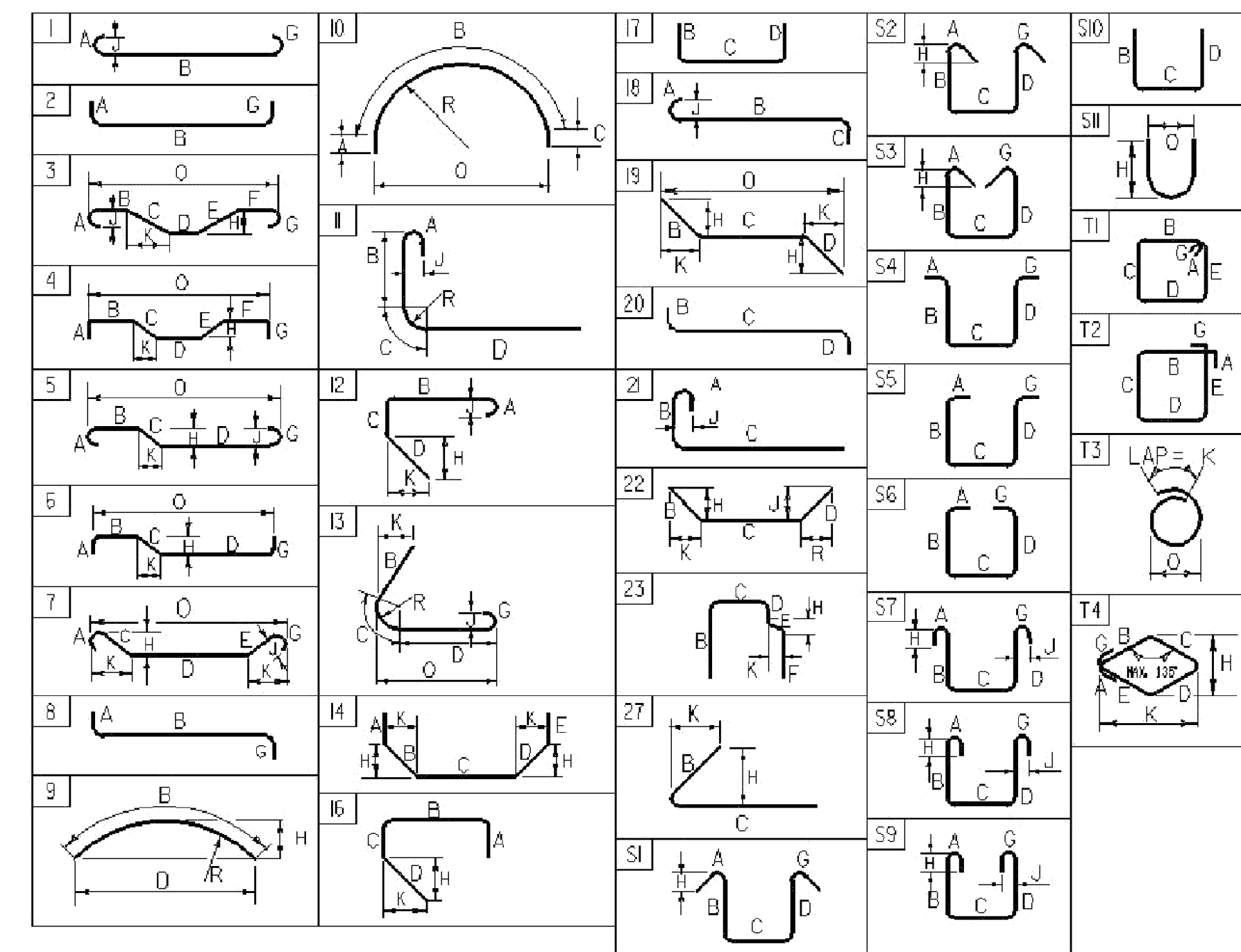


REINFORCING STEEL SCHEDULE

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																																						
* 397	16	9810	ES1601	STR														* 57	16	6805	2EA1601	STR																
+ 373	16	11740	ES1901	STR														26	16	1530	2EA1602	1	250	1030					250									
	190	16	2907	ES1602	S5	155	380	1872	345			155						60	16	1200	2EA1604	17		600	600	---												
APPROACH SLAB NO. 1																																						
+ ▲ 23	16	8260	1EAS1601	STR														+ 43	22	4550	2EA2201	17		3800	750	---												
	2	29	3000	1EAS2902	STR													62	22	3730	2EA2202	17		2980	750	---												
+ 33	29	6225	1EAS2901	1	375	5850							300					* 31	22	5030	2EA2203	17		4280	750	---												
																		42	29	4395	2EA2901	17		3645	750	---												
																		62	29	4220	2EA2902	17		3000	1220	---												
																		* 31	29	4790	2EA2903	17		4040	750	---												
APPROACH SLAB NO. 2																																						
△ ▲ 24	16	7650	2EAS1601	STR														34	16	1770	2EA1605	22		660	450	660					---	---	---	---				
+ 33	29	6225	2EAS2901	1	375	5850							300					6	16	3000	2EA1603	S10		250	2500	250												
																		6	16	2070	2EA1606	S10		660	750	660												
ABUTMENT NO. 1																																						
* 57	16	6805	1EA1601	STR														▲ 30	16	3750	3EW1601	STR																
	26	16	1530	1EA1602	1	250	1030					250						▲ 23	16	1975	3EW1602A	STR																
																		▲ 19	16	2940	3EW1602B	STR																
	56	16	1200	1EA1604	17		600	600	---									2	16	4340	3EW1603	22		660	3680					482		451						
	40	19	1800	1EA1901	17		1000	800	---									2	16	1320	3EW1604	22		660	660					451		482						
* 43	22	4380	1EA2201	17			3630	750	---									10	16	1620	3EW1605	S10		660	300	660												
* 62	22	3730	1EA2202	17			2980	750	---																													
* 31	22	4790	1EA2203	17			4040	750	---																													
	42	29	4070	1EA2901	17		3320	750	---																													
	62	29	4220	1EA2902	17		3000	1220	---																													
+ 31	29	4790	1EA2903	17			4040	750	---																													
WINGWALL NO. 1																																						
▲ 28	16	3750	1EW1601	STR														▲ 28	16	3750	4EW1601	STR																
▲ 23	16	2075	1EW1602A	STR														▲ 23	16	1975	4EW1602A	STR																
▲ 19	16	2625	1EW1602B	STR														▲ 19	16	2940	4EW1602B	STR																
	2	16	4312	1EW1603	22		660	3652					488					2	16	4340	4EW1603	22		660	3680					482		451						
	2	16	1320	1EW1604	22		660	660					445					2	16	1320	4EW1604	22		660	660					451		482						
	10	16	1620	1EW1605	S10		660	300	660									10	16	1620	4EW1605	S10		660	300	660												
WINGWALL NO. 2																																						
▲ 28	16	3750	2EW1601	STR																																		
▲ 23	16	2075	2EW1602A	STR																																		
▲ 19	16	2625	2EW1602B	STR																																		
	2	16	4312	2EW1603	22		660	3652					488																									
	2	16	1320	2EW1604	22		660	660					445																									
	10	16	1620	2EW1605	S10		660	300	660																													

~ NOTES ~

- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING 55M SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M31M (ASTM A 615M-SI). ALL BARS SHALL BE GRADE 420, 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	NOMINAL MASS (kg/m)	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER (mm)	CROSS SECTIONAL AREA (mm ²)	PERIMETER (mm)
#10	0.560	9.5	71	29.84
#13	0.994	12.7	129	39.90
#16	1.552	15.9	199	49.95
#19	2.235	19.1	284	60.00
#22	3.042	22.2	387	69.74
#25	3.973	25.4	510	79.80
#29	5.060	28.7	645	90.16
#32	6.404	32.3	819	101.47
#36	7.907	35.8	1006	112.47
#43	11.380	43.0	1452	135.09
#57	20.240	57.3	2581	180.01

PROJECT NAME: **BRATTLEBORO**
 PROJECT NUMBER: **BRF 2000(21)(S)**
 FILE NAME: s96j228rss.dgn
 PROJECT MANAGER: **R. WHITCOMB**
 DESIGNED BY: **C. CARLSON**
 REINFORCING STEEL SCHEDULE

PLOT DATE: 5/26/2009
 DRAWN BY: **C. MOONEY**
 CHECKED BY: **D. PETERSON**
 SHEET 45 OF 77