

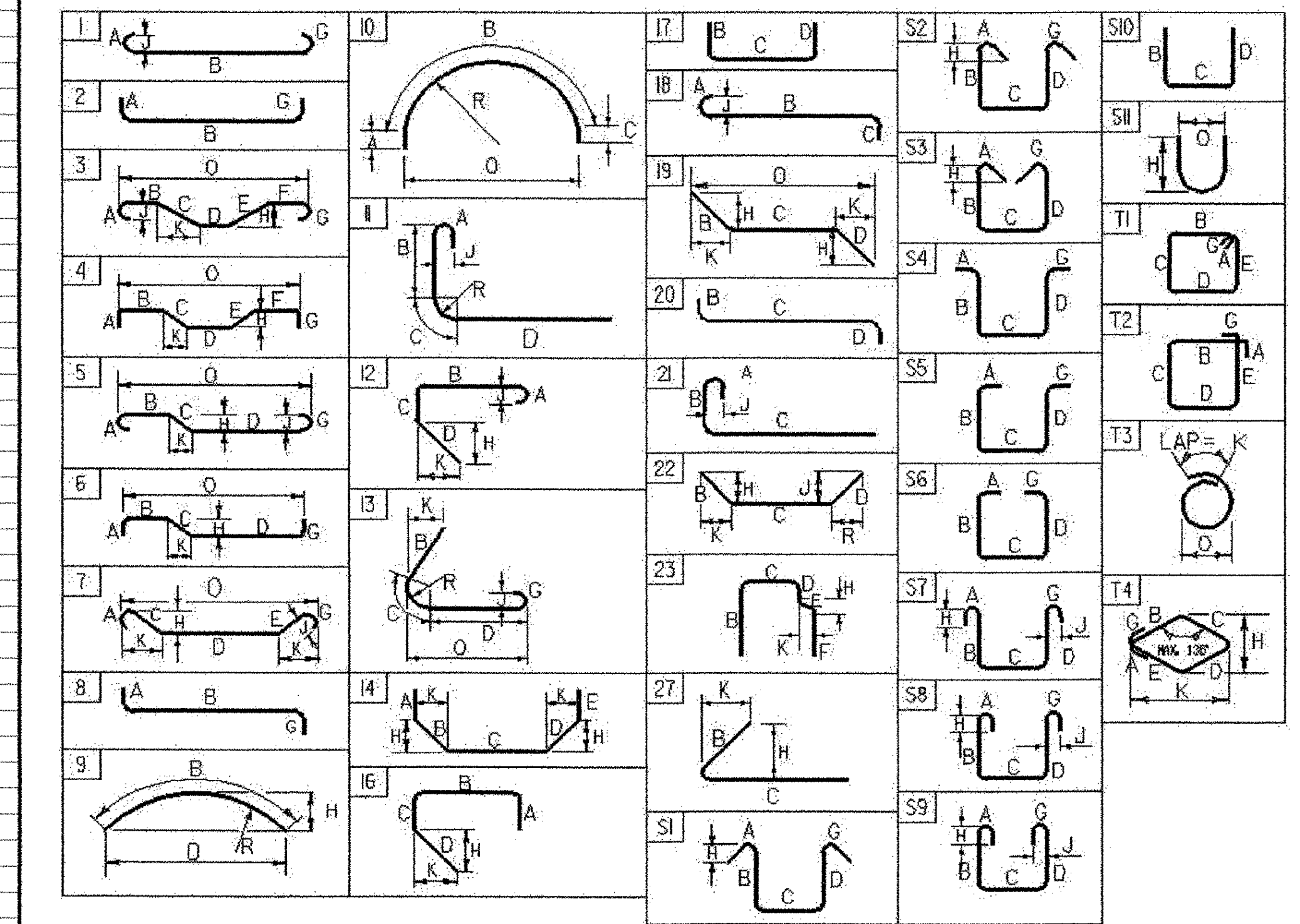
REINFORCING STEEL SCHEDULE



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																		JUNCTION BOX																	
* ▲	126	16	6870	ES1601	STR													68	16	2625	JB1603	STR													
▲	144	16	11250	ES1602	STR																														
▲	72	16	12550	ES1603	STR													* 12	16	4030	JB1601A	17		850	2330	850									
* ▲	73	16	8950	ES1604	STR													9	16	4620	JB1601B	17		840	2940	840									
▲	338	16	10580	ES1605	STR													11	16	2680	JB1602A	1	175	2330				175							
▲	20	16	11050	ES1606	STR													9	16	3290	JB1602B	1	175	2940				175							
▲	10	16	11300	ES1607	STR													* 19	16	5010	JB1604	17		1520	1970	1520									
▲	10	16	11300	ES1608	STR													18	16	5670	JB1605	17		1380	2910	1380									
	173	16	3080	ES1609	S6	175	370	1930	430									* ▲	17	19	3340	JB1901	1	200	2940				200						
	19	16	2670	ES1610	S6	175	370	1530	420									* ▲	21	19	2730	JB1902	1	200	2330				200						
				ES1611	S6	NOT USED																													
				ES1612	S5	NOT USED																													
	140	16	1710	ES1613	S5	175	200	960	200																										
	12	16	2810	ES1614	S4	600	650	310	650	600				560		325																			
* ▲	122	19	6870	ES1901	STR																														
▲	136	19	11250	ES1902	STR																														
▲	68	19	12550	ES1903	STR																														
* ▲	69	19	8950	ES1904	STR																														
▲	166	19	10580	ES1905	STR																														
ABUTMENT NO. 1																																			
▲	26	16	9140	1A1601A	STR																														
▲	13	16	9410	1A1601B	STR																														
▲	84	16	2270	1A1602	S10			830	610	830																									
▲	84	16	2120	1A1603	S10			910	300	910																									
	3	16	2990	1A1604	S4	660	530	610	530				660																						
▲	86	25	1430	1A2501	STR																														
▲	84	25	1290	1A2502	STR																														
ABUTMENT NO. 1 EXTENSION																																			
	12	16	1260	AX1601	STR																														
▲	5	16	2000	AX1602	STR																														
▲	12	16	3330	AX1604	STR																														
* ▲	28	16	3370	AX1605	STR																														
▲	12	16	3000	AX1606	STR																														
▲	13	16	1500	AX1608	STR																														
▲	7	16	1510	AX1603	17			1100	410	---																									
▲	12	16	3660	AX1607	19			660	3000	---				700		70																			
▲	13	16	1900	AX1609	17			1500	400	---																									
▲	6	16	3980	AZ1610	19			1500	2460	---				1205		890																			
ABUTMENT NO. 2																																			
▲	13	16	10710	2A1601A	STR																														
* ▲	14	16	8530	2A1601B	STR																														
▲	63	16	2590	2A1602	S10			990	610	990																									
▲	63	16	2120	2A1603	S10			910	300	910																									
	3	16	2830	2A1604	S4	660	450	610	450				660																						
▲	61	25	1600	2A2501	STR																														
▲	63	25	1290	2A2502	STR																														
SIDEWALK																																			
	17	16	8380	ESW1601	STR																														
* ▲	31	16	2640	ESW1602	S6	175	160	1930	200								175																		
	19	16	1520	ESW1603	S5	175	360	450	360								175																		
	1	16	2650	ESW1604	S6	175	160	1940	200								175																		
	1	16	2660	ESW1605	S6	175	160	1950	200								175																		
	1	16	2675	ESW1606	S6	175	160	1965	200								175																		
	1	16	2685	ESW1607	S6	175	160	1975	200								175																		
	1	16	2700	ESW1608	S6	175	160	1990	200								175																		
* ▲	2	16	2710	ESW1609	S6	175	160	2000	200								175																		
	1	16	2725	ESW1610	S6	175	160	2015	200								175																		
	1	16	2735	ESW1611	S6	175	160	2025	200								175																		
	1	16	2750	ESW1612	S6	175	160	2040	200								175																		
	1	16	2760	ESW1613	S6	175	160	2050	200								175																		
	1	16	2775	ESW1614	S6	175	160	2065	200								175																		
	1	16	2785	ESW1615	S6	175	160	2075	200								175																		
	1	16	2800	ESW1616	S6	175	160	2090	200								175																		
	1	16	2810	ESW1617	S6	175	160	2100	200								175																		
	1	16	2825	ESW1618	S6	175	160	2115	200								175																		
	1	16	2835	ESW1619	S6	175	160	2125	200								175																		
	1	16	2850	ESW1620	S6	175	160	2140	200								175																		
	1	16	2860	ESW1621	S6	175	160	2150	200								175																		
	1	16	2875	ESW1622	S6	175	160	2165	200								175																		
	1	16	2885	ESW1623	S6	175	160	2175	200								175																		
	1	16	2900	ESW1624	S6	175	160	2190	200								175																		
	1	16	2910	ESW1625	S6	175	160	2200	200								175																		
	1	16	2920	ESW1626	S6	175	160	2210	200								175																		
	1	16	2935	ESW1627	S6	175	160	2225	200								175																		

~ 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 M 31M (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 DENOTES EPOXY COATED REINFORCING STEEL.



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: **BHF 2000 (17)**
 FILE NAME: 94j078Structures\j078res.xls PLOT DATE: 02/03/2003
 PROJECT MANAGER: R. R. WHITCOMB DRAWN BY: G. ROY
 DESIGNED BY: T. SUMNER CHECKED BY: T. SUMNER
 REINFORCING STEEL SCHEDULE SHEET #1 SHEET 57 OF 71