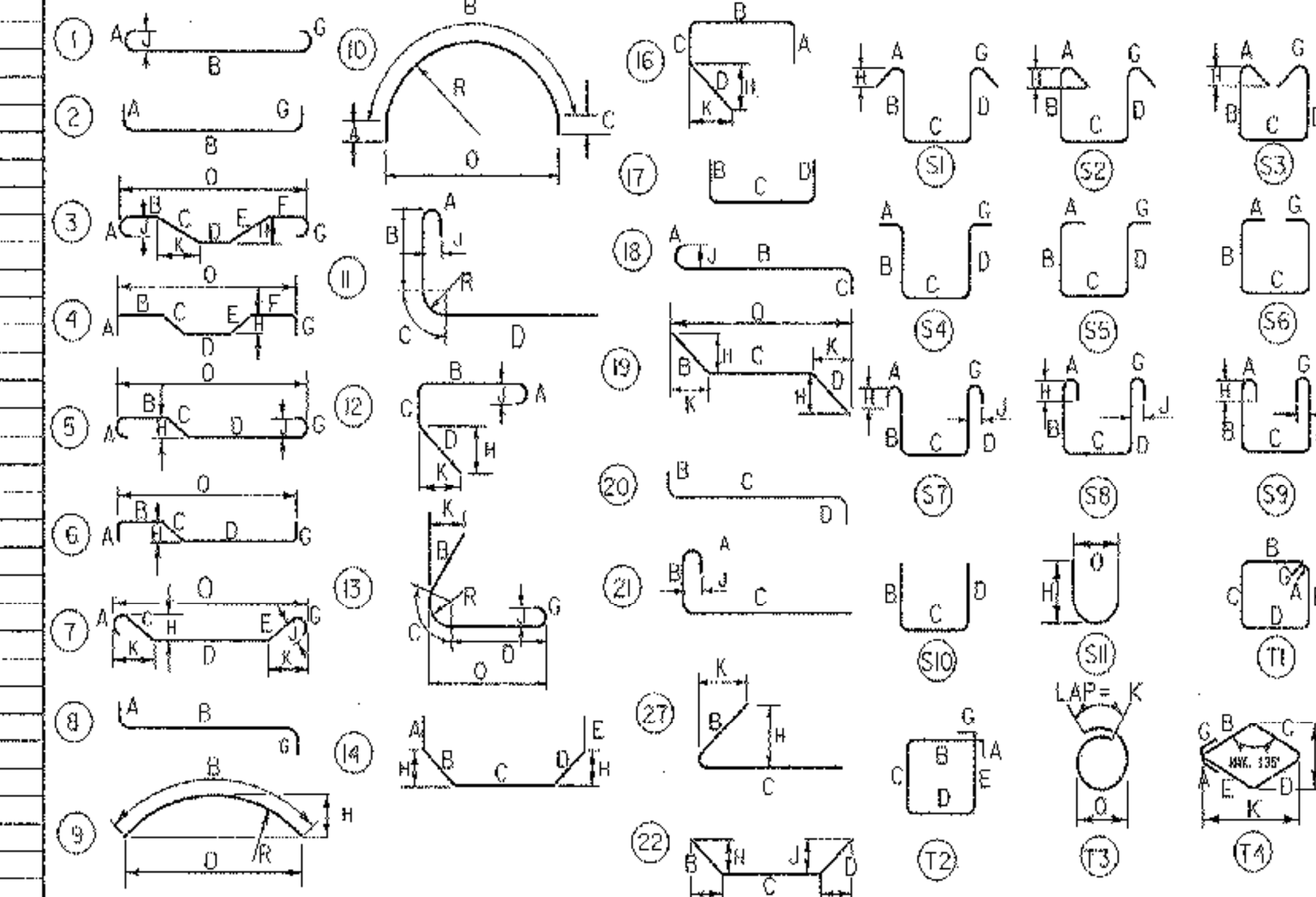


NO. ITEM	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O	NO. ITEM	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O						
SUPERSTRUCTURE																																									
185	5	24'-7"	ES 501	I		0'-7"	24'-0"																																		
183	5	30'-0"	ES 502	STR																																					
61	5	14'-9"	ES 503	STR																																					
200	5	4'-11"	ES 504	S5		0'-7"	1'-5"	0'-8"	1'-5"																																
34	5	10'-8"	ES 505	S5		1'-6"	3'-5"	0'-7"	3'-8"																																
8	5	23'-4"	ES 506	STR																																					
197	5	24'-0"	ES 507	STR																																					
24	5	22'-11"	ES 508	I		0'-7"	22'-4"																																		
16	5	4'-9"	ES 509	STR																																					
16	5	2'-8"	ES 510	STR																																					
4	5	4'-8"	ES 511	S10			1'-6"	1'-8"	1'-5"																																
6	5	4'-3"	ES 512	STR																																					
2	5	5'-0"	ES 513	STR																																					
WINGWALL NO. 1																																									
8	5	5'-4"	1W501	STR																																					
10	5	1'-8"	1W502	STR																																					
2	5	5'-0"	1W503	STR																																					
WINGWALL NO. 2																																									
8	5	5'-4"	2W501	STR																																					
10	5	3'-9"	2W502	STR																																					
2	5	5'-0"	1W503	STR																																					
WINGWALL NO. 3																																									
8	5	5'-4"	3W501	STR																																					
10	5	3'-9"	3W502	STR																																					
2	5	5'-0"	1W503	STR																																					
WINGWALL NO. 4																																									
8	5	5'-4"	4W501	STR																																					
10	5	1'-8"	4W502	STR																																					
2	5	5'-0"	1W503	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-S). 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 PREFIX DENOTES EPOXY COATED REINFORCING STEEL.



ASTM STANDARD REINFORCING BARS				
BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER INCHES	CROSS SECTIONAL AREA SQ. INCHES	PERIMETER INCHES
#3	.376	.375	.11	1.178
#4	.668	.500	.20	1.571
#5	1.043	.625	.31	1.963
#6	1.502	.750	.44	2.356
#7	2.044	.875	.60	2.749
#8	2.670	1.000	.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

STATE OF VERMONT	
AGENCY OF TRANSPORTATION	
Town Of BRATTLEBORO	Bridge No. 34
Highway No. 378	Log Sta.
	Surv. Sta.
TH 378 (WILLIAMS STREET) OVER WHETSTONE BROOK	
REINFORCING STEEL SCHEDULE	
Designed By J. W. KAMB	Drawn By E. B. SMALL
Checked By J. W. TUCKER	Bridge Design Supervisor J. W. TUCKER
Date 04/01	Date 04/01
PROJECT BRATTLEBORO	PROJECT NO. BHF 2000(22)
I.C.C. Info. ...zj220RSS.dgn	
D & K DWG NO. 1360	Sheet 15 of 20