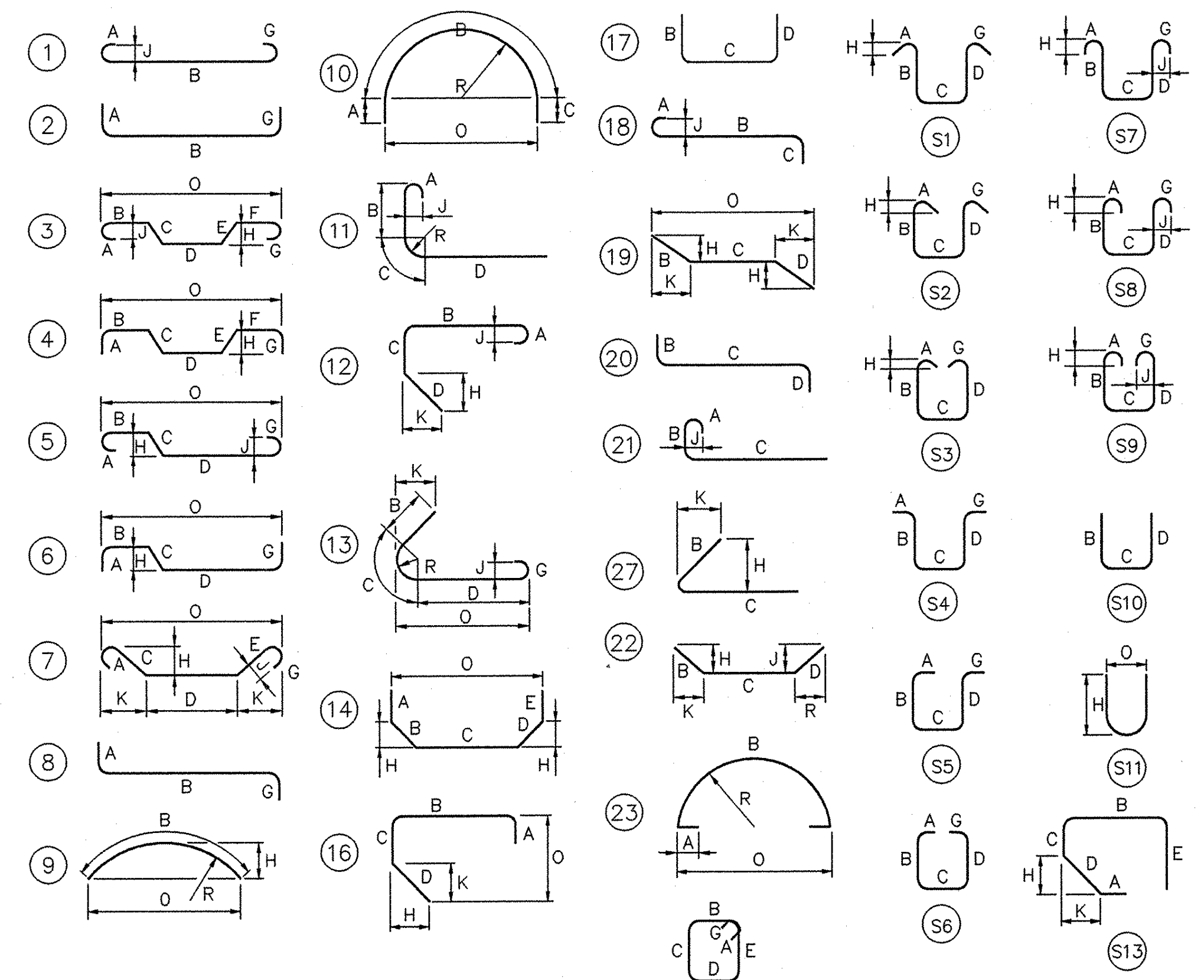


ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
ABUTMENT NO. 1																	
* 1	7	16	8690	1A1603 ▲	STR												
2	3	16	4120	1A1605	STR												
* 3	6	16	1650	1A1607 ▲	STR												
4	3	16	1980	1A1610 ▲	STR												
5	2	16	2390	1A1611 ▲	STR												
6	3	16	530	1A1612	STR												
7																	
* 8	11	16	2000	1A1601 ▲	17		900	200	900								
9	19	16	2560	1A1602 ▲	17		1180	200	1180								
10	15	16	950	1A1604 ▲	17		540	410	0								
11	7	16	1350	1A1606	17		540	810	0								
12	2	16	2760	1A1608 ▲	6	0	230	620	1910				0	120	610		2750
13	11	16	880	1A1609	17		640	240	0								
14																	
ABUTMENT NO. 2																	
15	29	19	1170	1A1901	STR												
16																	
17																	
18	7	16	8080	2A1603 ▲	STR												
19	3	16	4120	2A1605	STR												
20	5	16	1320	2A1607 ▲	STR												
21	3	16	1530	2A1610 ▲	STR												
22	2	16	1970	2A1611 ▲	STR												
23	3	16	530	2A1612	STR												
* 24	10	16	1670	2A1614	STR												
25	8	16	1540	2A1616	STR												
26																	
* 27	11	16	1900	2A1601 ▲	17		850	200	850								
28	16	16	2390	2A1602 ▲	17		1095	200	1095								
29	15	16	890	2A1604 ▲	17		540	350	0								
30	5	16	1220	2A1606 ▲	17		540	680	0								
31	2	16	2610	2A1608 ▲	6	0	230	620	1760					0	120	610	2600
32	10	16	820	2A1609	17		640	180	0								
33	5	16	2510	2A1613	17		1100	310	1100								
34	4	16	2570	2A1615	17		1010	550	1010								
35	1	16	2260	2A1617	17		1010	240	1010								
36																	
FENCE SUPPORT & SIDEWALK SLAB																	
37	34	19	1090	2A1901	STR												
38																	
39																	
40	9	16	2850	SW1603	STR												
41																	
* 42	11	16	2000	SW1601 ▲	17		300	1700	0								
* 43	11	16	1335	SW1602	16	0	300	610	425				300		300		
44																	
45																	
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- 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 31 (ASTM A 615-S1). 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° AND 135° HOOKS.
 - "J" DIMENSION ON 180° 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.
 - "E" IN PREFIX DENOTES EPOXY COATED REINFORCING STEEL.
 - WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS "H" AND "K" MUST BE SHOWN.
 - * DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
 - △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
 - ▲ DENOTES BARS TO BE CUT TO FIT IN FIELD.

BAR SIZE DESIGNATION	MASS (kg/m)	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER (mm)	CROSS SECTIONAL AREA (mm ²)	PERIMETER (mm)
#10	0.560	9.5	71	29.9
#13	0.994	12.7	129	39.9
#16	1.552	15.9	199	49.9
#19	2.235	19.1	284	59.8
#22	3.042	22.2	387	69.8
#25	3.973	25.4	510	79.9
#29	5.060	28.7	645	90.0
#32	6.404	32.3	819	101.3
#36	7.907	35.8	1006	112.5
#43	11.38	43.0	1452	135.1
#57	20.24	57.3	2581	180.1

STATE OF VERMONT AGENCY OF TRANSPORTATION	
Town Of CAVENDISH	Bridge No. 12
Highway No. TH 4	Log Sta.
	Surv. Sta.
T.H. 4 OVER BLACK RIVER	
REINFORCING STEEL SCHEDULE	
Designed By T.S. BRYANT	Drawn By M.M. LANDREY
Checked By T.S. BRYANT	Bridge Design Supervisor S.W. JOHNSON
Date 1/04	Date 1/04
PROJECT CAVENDISH	PROJECT NO. BHO 1442 (22)
I.G.C. Info.	Bridge Sheet No. 50499REF
	Sheet 25 of 34