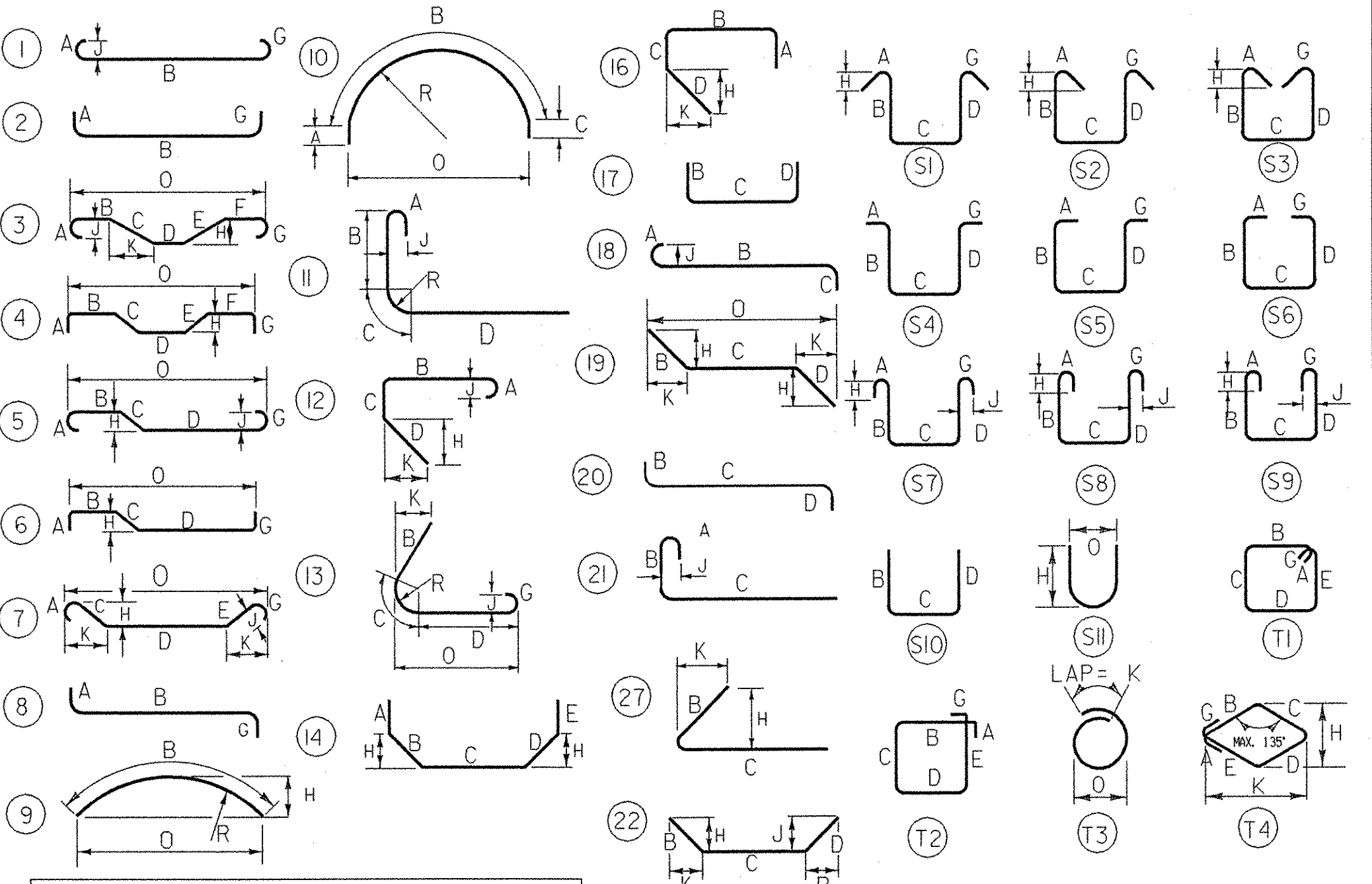


NO.	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O	NO.	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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- ~ 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-SI). 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 **SHELBURNE** Bridge No. **15**  
Highway No. **TH 3** Log Sta. \_\_\_\_\_  
Surv. Sta. \_\_\_\_\_

**BOSTWICK ROAD OVER VERMONT RAILWAY  
REINFORCING STEEL SCHEDULE**

Designed By **L. WIXSON** Drawn By **S. MERKMAN**  
Checked By \_\_\_\_\_ Date \_\_\_\_\_ Bridge Design Supervisor \_\_\_\_\_  
Date \_\_\_\_\_

PROJECT **SHELBURNE** PROJECT NO. **BRO 1445(30)**  
I.G.C. Info. **m\595402 Bostwick\BRIDGE\6m\10\2\116rshdgn**  
Bridge Sheet No. **BRI18** Sheet **58** of **73**