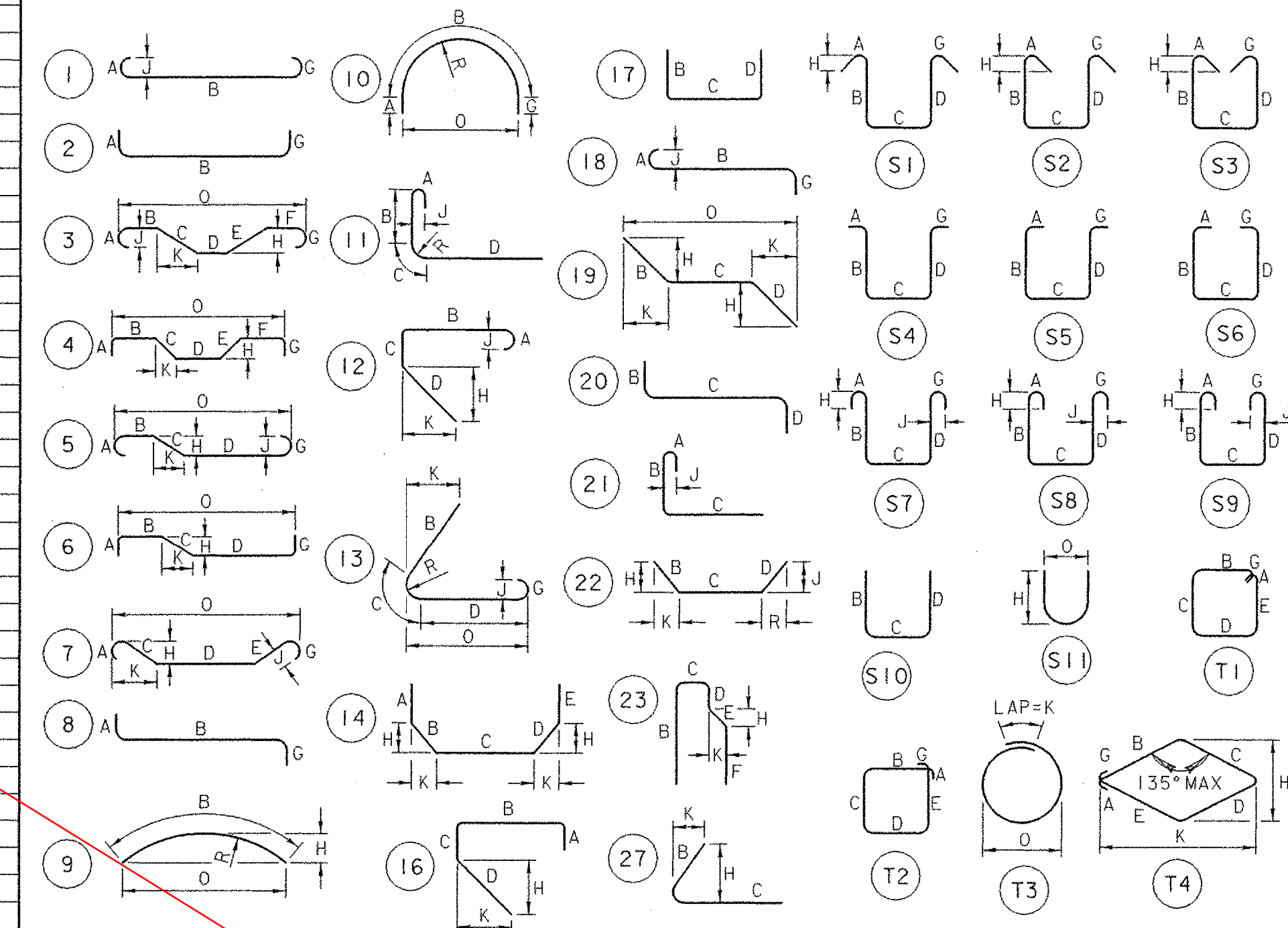


ITEM NO.	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O	ITEM NO.	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O			
DECK SLAB																																				
1	204	5	29'-3"	ES501	STR												97																			
2	16	5	3'-4"	ES502	STR												98																			
3	164	5	40'-0"	ES503	STR												99																			
4	82	5	21'-0"	ES504	STR												100																			
5	196	5	5'-9"	ES506	SS	0'-10"	1'-4"	1'-5"	1'-4"								101																			
6	40	5	9'-1"	ES506	SS	0'-10"	3'-5"	0'-7"	3'-5"								102																			
7	58	5	4'-6"	ES507	I6	0'-10"	1'-7"	0'-8"	1'-5"								103																			
8	8	5	27'-9"	ES508	STR												104																			
9	8	5	0'-4"	ES509	STR												105																			
10	196	5	30'-9"	ES510	I	0'-9"	29'-3"										106																			
11	30	8	3'-4"	ES801	I9		1'-8"	1'-8"									107																			
APPROACH SLAB NO. 1																																				
12	15	5	25'-0"	IEA501	STR												108																			
13	15	5	10'-4"	IEA502	STR												109																			
14	1	5	27'-10"	IEA503	STR												110																			
15	64	6	16'-2"	IEA601	I	2'-5"	13'-9"										111																			
APPROACH SLAB NO. 2																																				
16	16	5	27'-10"	2EA501	STR												112																			
17	56	6	16'-2"	2EA601	I	2'-5"	13'-9"										113																			
ABUTMENT NO. 1																																				
18	30	5	1'-6"	IEA501	STR												114																			
19	24	5	1'-8"	IEA502	STR												115																			
20	6	5	10'-0"	IEA503	I7		4'-3"	1'-6"	4'-3"								116																			
21	34	6	3'-6"	IA601	STR												117																			
22	5	9	29'-5"	IEA901	STR												118																			
ABUTMENT NO. 2																																				
23	30	5	1'-6"	2EA501	STR												119																			
24	24	5	1'-8"	2EA502	STR												120																			
25	6	5	10'-2"	2EA503	I7		4'-4"	1'-6"	4'-4"								121																			
26	34	6	3'-6"	2A601	STR												122																			
27	5	9	29'-5"	2EA901	STR												123																			

NOTES

- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING NO. 18 SHALL CONFORM TO THE REQUIREMENT OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M 31 (ASTM A 615-S1). 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 ARE TO BE SHOWN ONLY WHEN NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
- "H" DIMENSION ON STIRRUPS ARE 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.



SEE SHEET 36R

ASTM STANDARD REINFORCING BARS				
BAR SIZE DESIGNATION	NOMINAL MASS lbs/ft	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER inches	CROSS-SECTIONAL AREA sq. inches	PER METER inches
3	0.376	0.375	0.11	1.178
4	0.668	0.500	0.20	1.571
5	1.043	0.625	0.31	1.963
6	1.502	0.750	0.44	2.356
7	2.044	0.875	0.60	2.749
8	2.670	1.000	0.79	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	7.650	1.693	2.25	5.320
18	13.600	2.257	4.00	7.090

TOWN OF GRAFTON
CAMBRIDGEPORT BRIDGE

Town Of GRAFTON Bridge No. 16G
 Highway No. TH 1 Log Sta. _____
 Surv. Sta. _____

TH 1 (CAMBRIDGEPORT BRIDGE) OVER THE SAXTONS RIVER

REINFORCING STEEL SCHEDULE

Designed By J.T. KLEIN Drawn By B.J. MASSE
 Checked By _____ Date _____ Bridge Design Supervisor
 K.G. KRETSCH 5/05 M.A. COLGAN Date 5/05

PROJECT GRAFTON PROJECT NO. TH2-Q104

I.G.C. Info. _____
 File No. 51335RS1 Sheet 36 of 42

VHB Vanasse Hangen Brustlin, Inc.