

REELS

CHECKED BY: *[Signature]*

DRAFTED BY: *[Signature]*

DESIGNED BY: *[Signature]*

IN CHARGE OF: *[Signature]*

ITEM NO.	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G
SUPERSTRUCTURE												
2	29	4	37'-4"	ES401	STR							
3												
4	4	4	23'-6"	ES402	STR							
5												
6	78	4	8'-2"	ES403	SS	4'-0"	1'-1"	9"	1'-1"	1'-3"		
7												
8												
9												
10												
11												
12												
ABUTMENT NO. 1												
14	24	5	2'-7"	1A501	STR	VARIES FROM 2'-5" TO 2'-9"						
15												
16	2	5	4'-8"	1A502	STR							
17												
18	6	5	25'-5"	A503	STR							
19												
20	24	6	5'-10"	1A601	TI	7 3/4"	11"	1'-4"	11"	1'-4"	7 3/4"	C & E VARY FROM 1'-2" TO 1'-5"
21												
22	4	6	10'-0"	1A602	TI	7 3/4"	11"	3'-5"	11"	3'-5"	7 3/4"	
23												
24	4	6	25'-5"	A603	STR							
25												
26												
27												
28												
29												
30												
ABUTMENT NO. 2												
32	24	5	2'-6"	2A501	STR	VARIES FROM 2'-4" TO 2'-7"						
33												
34	2	5	4'-7"	2A502	STR							
35												
36	6	5	25'-5"	A503	STR							
37												
38	24	6	5'-8"	2A601	TI	7 3/4"	11"	1'-3"	11"	1'-3"	7 3/4"	C & E VARY FROM 1'-1" TO 1'-4"
39												
40	4	6	9'-10"	2A602	TI	7 3/4"	11"	3'-4"	11"	3'-4"	7 3/4"	
41												
42	4	6	25'-5"	A603	STR							
43												
44												
45												
46												
47												
48												
49												
50												

△ SEE NOTE 10

△ SEE NOTE 10

△ SEE NOTE 10

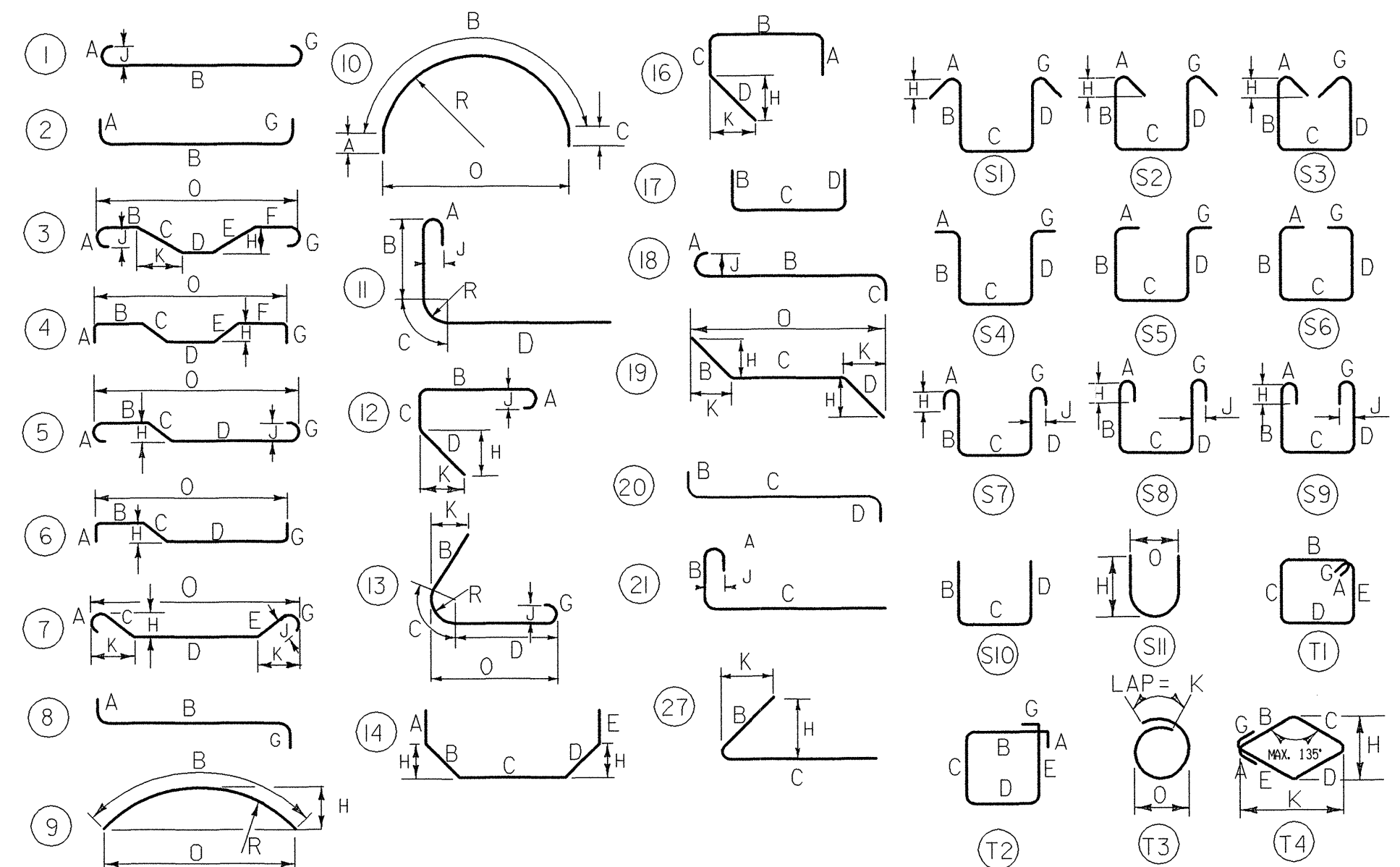
△ SEE NOTE 10

△ SEE NOTE 10

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-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 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.

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



RE-ADVERTISED

PROJECT NO.

BHO 1445 (28)

Greenman-Pedersen CONSULTING ENGINEERS GPI 55 Monument Ave. Bennington, VT, 05201	LINCOLN BRIDGE 13 OVER COTA BROOK			
	REINFORCING SCHEDULE			
DRAWING NO. BL-1	SCALE: AS SHOWN	DATE: DEC., 1999	SHEET NO. 13 OF 13	