ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
1						WING WALL #3											
2																	
3	40	5	5-6	3W501	STR												
4	16	5	3-6	3W502	STR												
5	16	5	12-2	3W503	STR												
6	28	5	16-8	3W505	STR	CUT TO FIT											
7																	
8	14	7	18-6	3W701	STR												
9	16	7	12-2	3W703	STR												
10																	
11	16	5	7-1	3W504	17		3-0	1-1	3-0								
12																	
13	16	7	6-6	3W702	17		5-0	1-6	—								
14																	
15																	
16						WING WALL #4											
17																	
18	40	5	5-6	4W501	STR												
19	16	5	3-6	4W502	STR												
20	16	5	12-6	4W303	STR												
21	28	5	16-8	4W505	STR	CUT TO FIT											
22																	
23	14	7	18-6	4W701	STR												
24	16	7	12-2	4W703	STR												
25																	
26	16	5	7-1	4W504	17		3-0	1-1	3-0								
27																	
28	16	7	6-1	4W702	17		5-0	1-6	—								
29																	
30																	
31						WING WALL #5											
32																	
33						SAME AS WINGWALL #3 EXCEPT											
34						PREFIX WITH 5W											
35																	
36						WING WALL #6											
37																	
38						SAME AS WING WALL #1 EXCEPT											
39						PREFIX WITH 6W											
40																	
41						WING WALL #7											
42																	
43						SAME AS WING WALL #4 EXCEPT											
44						PREFIX WITH 7W											
45																	
46						WING WALL #8											
47																	
48						SAME AS WING WALL #2 EXCEPT											
49						PREFIX WITH 8W											
50																	
51																	
52																	
53																	
54						APPROACH SLAB #1											
55																	
56	21	5	36-1	1AS501	STR												
57																	
58	49	10	20-11	1AS1001	1	1-5	19-6								—		
59																	
60																	
61						APPROACH SLAB #2, #3, & #4											
62																	
63						SAME AS APPROACH SLAB #1 EXCEPT											
64						PREFIX WITH 2AS, 3AS & 4AS RESPECTIVELY											
65																	
66																	
67																	
68																	
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ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
81						GRADE 40											
82																	
83						WB SUPER STRUCTURE											
84																	
85	724	5	5-1	3S05	S9	0-7	1-5	1-1	1-5			0-7					
86	70	5	6-7	S508	22	0-7	0-9	1-0	0-11	1-2	2-2		0-10		0-10		
87																	
88																	
89																	
90						EB SUPER STRUCTURE											
91																	
92						SAME AS WB SUPER STRUCTURE											
93																	
94																	
95																	
96						PIER #1											
97																	
98	65	5	13-0	1PS01	71	0-6	4-0	2-0	4-0	2-0		0-6					
99	54	5	7-6	1PS03	10	2-2	3-2	2-2								1-0	
100	40	5	13-0	1PS04	17		5-5	2-0	5-5								
101																	
102																	
103						PIER #2, #3, & #4											
104																	
105						SAME AS PIER #1 EXCEPT											
106						PRE FIX WITH 2P, 3P & 4P RESPECTIVELY											
107																	
108																	
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ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
161																	
162																	
163																	
164																	
165																	
166																	
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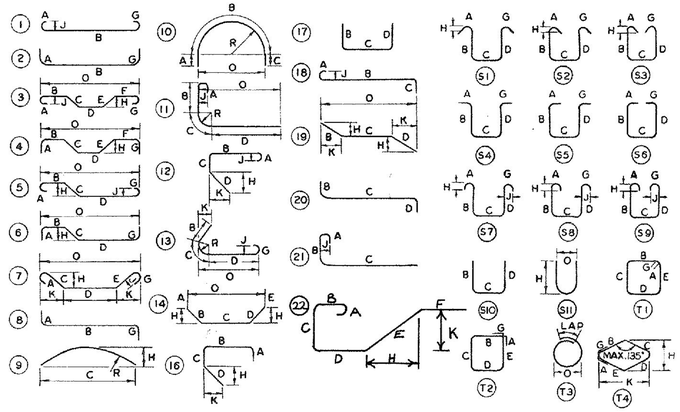
180																	

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

TYPICAL BAR BENDS



NOTES

1. 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), GRADE 60.
2. 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."
3. BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
4. ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180° AND 135° HOOKS.
5. "J" DIMENSION ON 180° HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE, OTHERWISE STANDARD HOOKS ARE TO BE USED.
6. "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
7. WHERE SLOPE DIFFERS FROM 45° DIMENSIONS "H" AND "K" MUST BE SHOWN.

* DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.

REV. NO.	MADE BY	DATE	DESCRIPTION

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TOWN OF RUTLAND	BRIDGE NO. 6
HIGHWAY NO. U.S. 4	LOG STA.
	SURV. STA. 945+00

U.S.4, BR6 OVER OTTER CREEK

REINFORCING STEEL SCHEDULE

DESIGNED BY A. ELWOOD	DRAWN BY S. JUNG
CHECKED BY A. Elwood DATE 8-93	BRIDGE DESIGN SUPERVISOR R. S. HAUPT DATE
PROJECT WEST RUTLAND - RUTLAND	PROJECT NO. F020-1(10)
BRIDGE SHEET NO. BR620	SHEET 138 OF 459

BRUNING 44-131 40151

BR-5