ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
1																	
2				ABUTMENT NO. 1													
3																	
4	20	5	1-6	1A501	STR.												
5	8	5	4-6	1A502	STR.												
6																	
7	20	8	3-0	1AB01	STR.												
8																	
9																	
10				ABUTMENT NO. 2													
11																	
12	22	5	3-9	2A501	STR.												
13	14		20-0	2A502													
14	21		8-6	2A503													
15	16		9-2	2A504A													
16	6		10-11	2A504B													
17	16		10-10	2A505A													
18	6		12-8	2A505B													
19	22		10-2	2A506A													
20	22	5	12-11	2A506B	STR.												
21																	
22																	
23	*23	7	10-1	2A701	17		5-6	4-7									
24																	
25																	
26	4	8	3-0	2AB01	STR.												
27																	
28																	
29																	
30																	
31																	
32				WINGWALL NO. 3													
33																	
34	11	5	3-9	3W501	STR.												
35	14		13-9	3W502													
36	11		12-8	3W503													
37	*11		8-6	3W504													
38	28	5	11-4	3W505	STR.												
39																	
40																	
41	10	7	10-9	3W701	17		7-11	2-10									
42	9	7	7-9	3W702	17		4-11	2-10									
43																	
44																	
45	*14	8	9-0	3W801	STR.												
46																	
47																	
48																	
49																	
50																	
51				WINGWALL NO. 4													
52																	
53	10	5	3-9	4W501	STR.												
54	14		12-8	4W502													
55	10		12-8	4W503													
56	*10		8-6	4W504													
57	28	5	10-4	4W505	STR.												
58																	
59																	
60	9	7	10-9	4W701	17		7-11	2-10									
61	*9	7	7-9	4W702	17		4-11	2-10									
62																	
63																	
64	*13	8	9-0	4W801	STR.												
65																	
66																	
67																	
68																	
69																	
70																	
71																	
72																	
73																	
74																	
75																	
76																	
77																	
78																	
79																	
80																	

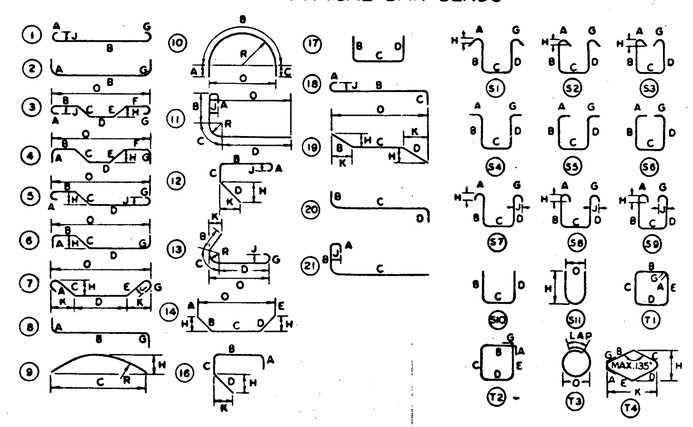
ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
81																	
82																	
83																	
84																	
85																	
86																	
87																	
88																	
89																	
90																	
91																	
92																	
93																	
94																	
95																	
96																	
97																	
98																	
99																	
100																	
101																	
102																	
103																	
104																	
105																	
106																	
107																	
108																	
109																	
110																	
111																	
112																	
113																	
114																	
115																	
116																	
117																	
118																	
119																	
120																	
121																	
122																	
123																	
124																	
125																	
126																	
127																	
128																	
129																	
130																	
131																	
132																	
133																	
134																	
135																	
136																	
137																	
138																	
139																	
140																	
141																	
142																	
143																	
144																	
145																	
146																	
147																	
148																	
149																	
150																	
151																	
152																	
153																	
154																	
155																	
156																	
157																	
158																	
159																	
160																	

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																	
167																	
168																	
169																	
170																	
171																	
172																	
173																	
174																	
175																	
176																	
177																	
178																	
179																	
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 615-51) 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 CHESTER	BRIDGE NO. 69
HIGHWAY NO. T.H. 57	LOG STA.
	SURV. STA. 10+50

T.H. 57 OVER MIDDLE BRANCH WILLIAMS RIVER

REINFORCING STEEL SCHEDULE

DESIGNED BY C. BENDA	DRAWN BY D. WILLEY
CHECKED BY G. SCHELLEY DATE 8/83	BRIDGE DESIGN SUPERVISOR R.L. Dailey DATE 11-83
PROJECT CHESTER	PROJECT NO. BRZ 1442 (2)
BRIDGE SHEET NO.	SHEET 11 OF 32

BRUNING 44 131 40151

BR-5