ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
1																	
2						BOX											
3																	
4	*53	5	4-2	B501	STR												
5	52		7-4	B502													
6	96		25-2	B503													
7	16		12-5	B504	↓												
8	16		19-9	B505	STR												
9	52		3-4	B506A	19		0-10	2-6	⟋				0-7		0-7		
10	52		3-4	B506B	19		0-10	2-6	⟋				0-5¾		0-8¼		
11	36	↓	5-3	B507	65		1-6	0-9	1-0	0-6		1-6		GRADE	40		
12	*41	5	11-0	B508	65		2-0	3-4	0-9	2-11		2-0		GRADE	40		
13																	
14	51	7	19-9	B701	STR												
15	52	7	11-8	B702	17		7-4	4-4	⟋								
16	*53	7	9-11	B703	17		4-11	5-0	⟋								
17																	
18	*29	8	3-6	B801	STR												
19																	
20	*27	9	19-9	B901	STR												
21																	
22																	
23																	
24						WINGWALL NO. 1											
25																	
26	11	5	3-9	1W501	STR												
27	*12		7-6	1W502													
28	22		10-6	1W503													
29	11		7-7	1W504													
30	11	↓	10-7	1W505	↓												
31	12	5	10-6	1W506	STR												
32																	
33	11	7	9-7	1W701	17		6-9	2-10	⟋								
34																	
35																	
36																	
37						WINGWALL NO. 2											
38																	
39	13	5	3-9	2W501	STR												
40	13		7-6	2W502													
41	22		12-6	2W503													
42	13		7-7	2W504													
43	13	↓	10-7	2W505	↓												
44	12	5	12-6	2W506	STR												
45																	
46	13	7	9-7	2W701	17		6-9	2-10	⟋								
47																	
48																	
49																	
50						WINGWALL NO. 3											
51																	
52	11	5	3-9	3W501	STR												
53	11		7-6	3W502													
54	22		10-6	3W503													
55	11		7-8	3W504													
56	11	↓	10-8	3W505	↓												
57	12	5	10-6	3W506	STR												
58																	
59	11	7	9-7	3W701	17		6-9	2-10	⟋								
60																	
61																	
62																	
63						WINGWALL NO. 4											
64																	
65	12	5	3-9	4W501	STR												
66	12		7-6	4W502													
67	22		11-6	4W503													
68	12		7-8	4W504													
69	12	↓	10-8	4W505	↓												
70	12	5	11-6	4W506	STR												
71																	
72	*13	7	9-7	4W701	17		6-9	2-10	⟋								
73																	
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ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
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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																	
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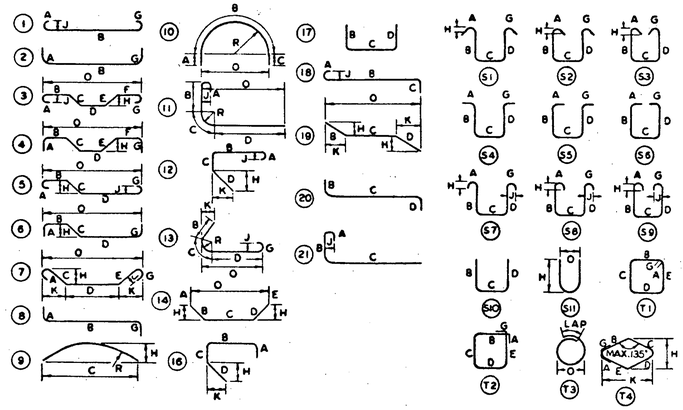
ASTM STANDARD REINFORCING BARS

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 615-91), 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. 60
	LOG STA.
HIGHWAY NO. T.H. 24, CL. 3	SURV. STA. 12+19
TOWN HWY. 24 OVER BROOK	
REINFORCING STEEL SCHEDULE	
DESIGNED BY W. JARVIS	DRAWN BY G. SCHELLEY
CHECKED BY W. FLANDERS DATE 12-93	BRIDGE DESIGN SUPERVISOR R.L. Darby DATE 12-93
PROJECT CHESTER	PROJECT NO. BRZ 1442(8)
BRIDGE SHEET NO. 26	SHEET 32 OF

BRUNING 44-131-40151

BR-5