



# ANEXO 2

# CORRIDA DELEGACION

21	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.388	25
			50.13 C	7.48	3.20	0.00
22	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.751	25
			0.14 C	0.82	13.04	0.00
23	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.679	28
			0.00 T	0.00	9.44	6.00
24	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.287	26
			1.70 C	-6.77	2.61	0.00
25	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.365	25
			0.12 C	0.77	4.12	0.00
26	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.356	25
			21.94 C	7.53	3.47	0.00
27	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.636	21
			0.49 C	0.29	13.45	0.00

28 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.385	25
		0.21 C	0.19	7.23	0.00
29 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.188	24
		0.02 T	-0.09	-3.96	0.00
30 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.438	28
		0.09 T	0.75	5.96	2.00
31 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.396	20
		0.00 T	0.00	-9.42	0.00
32 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.777	28
		0.14 T	0.81	13.65	2.00
33 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.514	20
		0.00 T	0.00	6.49	6.00
34 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.512	20
		0.00 T	0.00	6.47	6.00

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35 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.177	28
		0.05 T	-0.26	-2.65	0.00
36 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.430	28
		0.09 T	0.75	5.78	2.00
37 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.361	20
		0.00 T	0.00	-8.59	2.00
38 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.745	28
		0.14 T	0.81	12.92	2.00
39 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.513	20
		0.00 T	0.00	6.48	6.00
40 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.516	20
		0.00 T	0.00	6.52	6.00
41 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.231	28
		0.09 T	-0.48	-2.68	0.00

42 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.584	28
		0.11 T	1.37	5.80	2.00
43 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.353	28
		0.03 T	-0.39	-6.10	0.00
44 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.910	28
		0.14 T	1.46	12.98	2.00
45 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.483	20
		0.00 T	0.00	6.11	6.00
46 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.483	20
		0.00 T	0.00	6.11	6.00
47 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.179	25
		0.05 C	-0.26	-2.70	2.00
48 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.423	28
		0.09 T	0.76	5.60	2.00

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49 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.365	20
		0.00 T	0.00	-8.68	1.17
50 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.751	28
		0.14 T	0.82	13.04	2.00
51 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.511	20
		0.00 T	0.00	6.46	6.00
52 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.510	20
		0.00 T	0.00	6.45	6.00
54 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.327	24
		0.05 T	0.09	5.41	4.50
55 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.249	21
		0.03 C	-0.12	-5.23	1.75
56 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.527	24
		0.40 T	0.23	11.13	2.00

57 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.114	20
		0.00 T	0.00	-2.10	1.50
58 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.478	20
		0.00 T	0.00	-8.79	3.00
59 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.361	28
		22.03 C	-7.44	-3.95	0.00
60 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.375	25
		48.00 C	7.38	2.86	0.00
61 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.666	25
		0.13 C	0.81	11.03	0.00
62 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.493	25
		0.00 T	0.00	6.86	0.00
63 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.632	25
		0.00 T	0.00	8.78	0.00

64 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.375	28
		44.76 C	-7.23	-3.44	0.00
65 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.690	25
		0.13 C	0.81	11.63	0.00
66 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.684	28
		0.00 T	0.00	9.50	6.00
67 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.398	26
		48.15 C	-7.75	3.44	0.00
68 ST	W21X44		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.827	25
		0.36 C	1.42	15.40	0.00
69 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.664	28
		0.00 T	0.00	9.23	6.00
70 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.379	28
		50.24 C	-7.39	-2.87	0.00



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71 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.714	25
		0.13 C	0.81	12.17	0.00
72 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.631	25
		0.00 T	0.00	8.78	0.00
73 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.369	25
		26.22 C	7.39	4.20	0.00
74 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.742	21
		0.44 C	0.21	16.36	0.00
75 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.498	25
		0.00 T	0.00	6.92	0.00
76 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.348	20
		0.00 T	0.00	-8.28	0.00
77 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.716	28
		0.13 T	0.81	12.23	2.00

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78 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.513	20
		0.00 T	0.00	6.49	0.00
79 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.512	20
		0.00 T	0.00	6.47	0.00
80 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.313	20
		0.00 T	0.00	-7.44	0.00
81 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.715	28
		0.13 T	0.81	12.23	2.00
82 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.513	20
		0.00 T	0.00	6.48	0.00
83 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.516	20
		0.00 T	0.00	6.52	0.00
84 ST	W21X44		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.350	24
		0.09 T	-0.25	-9.63	0.00

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85 ST	W21X44		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.829	28
		0.36 T	1.42	15.47	2.00
86 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.559	20
		0.00 T	0.00	7.07	6.00
87 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.558	20
		0.00 T	0.00	7.06	6.00
88 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.310	20
		0.00 T	0.00	-7.37	2.00
89 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.698	28
		0.13 T	0.81	11.80	2.00
90 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.511	20
		0.00 T	0.00	6.46	0.00
91 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.510	20
		0.00 T	0.00	6.45	0.00

92 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.391	20
		0.00 T	0.00	-9.31	2.00
93 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.703	24
		0.44 T	0.22	15.37	2.00
94 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.527	20
		0.00 T	0.00	6.66	6.00
95 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.530	20
		0.00 T	0.00	6.71	6.00
96 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.362	28
		23.78 C	-7.46	-3.83	0.00
97 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.377	25
		49.88 C	7.38	2.80	0.00
98 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.676	25
		0.13 C	0.81	11.27	0.00

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99 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.502	25
		0.00 T	0.00	6.97	0.00
100 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.637	25
		0.00 T	0.00	8.86	0.00
101 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.290	28
		33.96 C	-4.70	-4.55	0.00
102 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.679	25
		0.13 C	0.81	11.37	0.00
103 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.691	21
		0.03 C	1.87	5.38	0.00
104 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.422	25
		48.61 C	7.84	4.63	0.00
105 ST	W21X44		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.943	25
		0.37 C	1.45	19.03	0.00

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106 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.482	25
		0.24 C	0.20	10.30	0.00
107 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.374	28
		48.81 C	-7.40	-2.69	0.00
108 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.754	25
		0.13 C	0.81	13.12	0.00
109 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.635	25
		0.00 T	0.00	8.82	0.00
110 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.363	25
		24.84 C	7.41	3.91	0.00
111 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.683	21
		0.43 C	0.21	14.95	0.00
112 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.498	28
		0.00 T	0.00	6.92	6.00

113	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.352	20
			0.00 T	0.00	-8.36	0.00
114	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.722	28
			0.13 T	0.81	12.36	2.00
115	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.450	20
			0.00 T	0.00	5.69	6.00
116	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.450	20
			0.00 T	0.00	5.69	6.00
117	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.320	20
			0.00 T	0.00	-7.61	0.00
118	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.759	28
			0.13 T	0.81	13.27	2.00
119	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.455	20
			0.00 T	0.00	5.75	6.00

120 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.452	20
		0.00 T	0.00	5.71	6.00
121 ST	W21X44		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.416	20
		0.00 T	0.00	-14.11	1.33
122 ST	W21X44		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.938	28
		0.37 T	1.45	18.85	2.00
123 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.215	25
		1.33 C	0.92	5.08	0.00
124 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.214	25
		1.33 C	0.92	5.07	0.00
125 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.317	20
		0.00 T	0.00	-7.55	2.00
126 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.685	28
		0.13 T	0.81	11.46	2.00



127 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.69	6.00
128 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.451	20
		0.00 T	0.00	5.71	6.00
129 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.344	20
		0.00 T	0.00	-8.18	2.00
130 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.647	24
		0.43 T	0.22	14.04	2.00
131 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.527	20
		0.00 T	0.00	6.66	0.00
132 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.530	20
		0.00 T	0.00	6.70	0.00
133 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.362	28
		23.48 C	-7.46	-3.83	0.00

134	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.376	25
			49.09 C	7.38	2.78	0.00
135	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.674	25
			0.13 C	0.81	11.22	0.00
136	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.499	25
			0.00 T	0.00	6.94	0.00
137	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.636	25
			0.00 T	0.00	8.83	0.00
138	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.403	27
			44.40 C	7.51	-4.46	0.00
139	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.681	25
			0.13 C	0.81	11.40	0.00
141	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.397	25
			42.24 C	7.39	4.57	0.00

142 ST	W21X44		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.933	25
		0.37 C	1.45	18.69	0.00
143 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.556	25
		0.22 C	0.22	11.89	0.00
144 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.375	28
		49.18 C	-7.40	-2.71	0.00
145 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.754	25
		0.13 C	0.82	13.11	0.00
146 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.635	25
		0.00 T	0.00	8.82	0.00
147 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.363	25
		24.99 C	7.41	3.91	0.00
148 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.691	21
		0.43 C	0.21	15.14	0.00

149 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.498	25
		0.00 T	0.00	6.92	0.00
150 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.351	20
		0.00 T	0.00	-8.36	0.00
151 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.719	28
		0.13 T	0.81	12.30	2.00
152 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.69	0.00
153 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.69	0.00
154 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.317	20
		0.00 T	0.00	-7.54	0.00
155 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.753	28
		0.13 T	0.81	13.12	2.00

156 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.455	20
		0.00 T	0.00	5.75	0.00
157 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.452	20
		0.00 T	0.00	5.71	0.00
158 ST	W21X44		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.411	20
		0.00 T	0.00	-13.95	1.00
159 ST	W21X44		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.935	28
		0.37 T	1.45	18.75	2.00
160 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.243	25
		0.87 C	0.77	7.44	0.00
161 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.244	25
		0.87 C	0.77	7.49	0.00
162 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.317	20
		0.00 T	0.00	-7.54	2.00

163 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.683	28
		0.13 T	0.82	11.43	2.00
164 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.69	6.00
165 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.451	20
		0.00 T	0.00	5.71	0.00
166 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.352	20
		0.00 T	0.00	-8.36	2.00
167 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.655	24
		0.43 T	0.22	14.22	2.00
168 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.69	6.00
169 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.69	6.00

170 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.361	28
		23.50 C	-7.46	-3.82	0.00
171 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.375	25
		49.28 C	7.38	2.71	0.00
172 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.674	25
		0.13 C	0.81	11.21	0.00
173 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.500	25
		0.00 T	0.00	6.95	0.00
174 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.636	25
		0.00 T	0.00	8.84	0.00
175 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.382	27
		40.43 C	7.42	-3.79	0.00
176 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.689	25
		0.13 C	0.81	11.58	0.00

177 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.454	25
		0.13 C	0.13	10.05	0.00
178 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.385	25
		40.65 C	7.46	3.86	0.00
179 ST	W21X44		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.826	25
		0.33 C	1.44	15.18	0.00
180 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.406	25
		0.13 C	0.13	8.92	0.00
181 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.374	28
		49.15 C	-7.40	-2.66	0.00
182 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.734	25
		0.13 C	0.82	12.63	0.00
183 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.635	25
		0.00 T	0.00	8.82	0.00



184 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.362	25
		24.97 C	7.41	3.87	0.00
185 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.691	21
		0.43 C	0.22	15.11	0.00
186 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.498	25
		0.00 T	0.00	6.92	0.00
187 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.351	20
		0.00 T	0.00	-8.35	0.00
188 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.720	28
		0.13 T	0.81	12.32	2.00
189 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.449	20
		0.00 T	0.00	5.67	6.00
190 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.449	20
		0.00 T	0.00	5.67	6.00

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191 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.318	20
		0.00 T	0.00	-7.57	0.00
192 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.733	28
		0.13 T	0.81	12.65	2.00
193 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.449	20
		0.00 T	0.00	5.67	0.00
194 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.449	20
		0.00 T	0.00	5.68	0.00
195 ST	W21X44		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.353	24
		0.07 T	-0.24	-9.87	0.00
196 ST	W21X44		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.826	28
		0.33 T	1.44	15.20	2.00
197 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.241	25
		0.43 C	0.77	7.38	0.00

198 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.241	25
		0.43 C	0.77	7.35	0.00
199 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.318	20
		0.00 T	0.00	-7.56	2.00
200 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.690	28
		0.13 T	0.82	11.59	2.00
201 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.69	0.00
202 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.451	20
		0.00 T	0.00	5.70	0.00
203 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.351	20
		0.00 T	0.00	-8.34	2.00
204 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.652	24
		0.43 T	0.22	14.14	2.00

205 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.69	0.00
206 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.69	0.00
207 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.362	28
		23.54 C	-7.46	-3.84	0.00
208 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.374	25
		49.22 C	7.38	2.69	0.00
209 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.674	25
		0.13 C	0.81	11.23	0.00
210 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.500	25
		0.00 T	0.00	6.95	0.00
211 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.636	25
		0.00 T	0.00	8.84	0.00

212 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.389	28
		43.88 C	-7.52	-3.69	0.00
213 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.692	25
		0.13 C	0.81	11.66	0.00
214 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.639	28
		0.00 T	0.00	8.89	6.00
215 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.388	26
		44.44 C	-7.50	3.64	0.00
216 ST	W21X44		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.848	25
		0.34 C	1.44	15.90	0.00
217 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.639	28
		0.00 T	0.00	8.88	6.00
218 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.374	28
		49.02 C	-7.40	-2.66	0.00

219	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.733	25
			0.13 C	0.81	12.61	0.00
220	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.635	25
			0.00 T	0.00	8.82	0.00
221	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.362	25
			25.01 C	7.41	3.86	0.00
222	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.691	21
			0.43 C	0.22	15.12	0.00
223	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.498	25
			0.00 T	0.00	6.92	0.00
224	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.352	20
			0.00 T	0.00	-8.36	0.00
225	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.721	28
			0.13 T	0.81	12.35	2.00

226 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.69	6.00
227 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.68	6.00
228 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.319	20
		0.00 T	0.00	-7.59	0.00
229 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.732	28
		0.13 T	0.81	12.62	2.00
230 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.449	20
		0.00 T	0.00	5.68	6.00
231 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.68	6.00
232 ST	W21X44		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.374	24
		0.07 T	-0.29	-10.14	0.00

233	ST	W21X44		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.848	28
			0.34 T	1.44	15.91	2.00
234	ST	W18X65		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.224	20
			0.00 T	0.00	8.00	6.00
235	ST	W18X65		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.224	20
			0.00 T	0.00	8.00	6.00
236	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.319	20
			0.00 T	0.00	-7.59	2.00
237	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.693	28
			0.13 T	0.81	11.67	2.00
238	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.450	20
			0.00 T	0.00	5.68	6.00
239	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.449	20
			0.00 T	0.00	5.68	6.00



240 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.352	20
		0.00 T	0.00	-8.36	2.00
241 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.651	24
		0.43 T	0.22	14.12	2.00
242 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.68	6.00
243 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.69	6.00
244 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.361	28
		23.27 C	-7.46	-3.83	0.00
245 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.373	25
		48.60 C	7.38	2.66	0.00
246 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.667	25
		0.13 C	0.81	11.06	0.00

247	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.500	25
			0.00 T	0.00	6.95	0.00
248	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.636	25
			0.00 T	0.00	8.84	0.00
249	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.381	27
			43.57 C	7.42	-3.46	0.00
250	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.686	25
			0.13 C	0.81	11.53	0.00
251	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.394	25
			0.13 C	0.11	8.72	0.00
252	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.385	25
			44.11 C	7.44	3.58	0.00
253	ST	W21X44		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.835	25
			0.41 C	1.42	15.60	0.00

254 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.393	25
		0.13 C	0.11	8.70	0.00
255 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.373	28
		48.30 C	-7.40	-2.66	0.00
256 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.722	25
		0.13 C	0.81	12.37	0.00
257 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.635	25
		0.00 T	0.00	8.82	0.00
258 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.361	25
		24.81 C	7.40	3.82	0.00
259 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.683	21
		0.42 C	0.22	14.91	0.00
260 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.498	25
		0.00 T	0.00	6.92	0.00

261	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.345	20
			0.00 T	0.00	-8.21	0.00
262	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.713	28
			0.13 T	0.81	12.16	2.00
263	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.450	20
			0.00 T	0.00	5.69	0.00
264	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.450	20
			0.00 T	0.00	5.68	0.00
265	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.314	20
			0.00 T	0.00	-7.47	0.00
266	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.721	28
			0.13 T	0.81	12.36	2.00
267	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.449	20
			0.00 T	0.00	5.68	0.00

268	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.450	20
			0.00 T	0.00	5.68	0.00
269	ST	W21X44		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.390	21
			0.09 C	-0.38	-9.85	2.00
270	ST	W21X44		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.834	28
			0.41 T	1.42	15.59	2.00
271	ST	W18X65		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.222	25
			0.14 C	0.87	5.84	0.00
272	ST	W18X65		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.222	25
			0.14 C	0.87	5.84	0.00
273	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.314	20
			0.00 T	0.00	-7.47	2.00
274	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.687	28
			0.13 T	0.81	11.52	2.00

275 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.68	0.00
276 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.449	20
		0.00 T	0.00	5.68	0.00
277 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.346	20
		0.00 T	0.00	-8.22	2.00
278 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.642	24
		0.42 T	0.22	13.91	2.00
279 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.68	0.00
280 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.450	20
		0.00 T	0.00	5.69	0.00
281 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.369	28
		24.89 C	-7.54	-4.01	0.00

282 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.381	28
		52.07 C	-7.52	-2.56	0.00
283 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.718	25
		0.13 C	0.81	12.26	0.00
284 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.497	25
		0.00 T	0.00	6.91	0.00
285 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.634	25
		0.00 T	0.00	8.81	0.00
286 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.379	25
		53.03 C	7.39	2.67	0.00
287 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.756	25
		0.13 C	0.81	13.19	0.00
288 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.641	25
		0.00 T	0.00	8.91	0.00

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289	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.382	28
			52.03 C	-7.51	-2.70	0.00
290	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.902	25
			0.14 C	1.46	12.82	0.00
291	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.641	25
			0.00 T	0.00	8.91	0.00
292	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.381	28
			52.07 C	-7.49	-2.61	0.00
293	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.751	25
			0.13 C	0.82	13.05	0.00
294	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.633	25
			0.00 T	0.00	8.79	0.00
295	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.369	25
			27.30 C	7.46	3.99	0.00



296 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.742	21
		0.42 C	0.22	16.32	0.00
297 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.495	25
		0.00 T	0.00	6.88	0.00
298 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.389	20
		0.00 T	0.00	-9.24	0.00
299 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.774	28
		0.13 T	0.81	13.59	2.00
300 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.515	20
		0.00 T	0.00	6.51	6.00
301 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.514	20
		0.00 T	0.00	6.50	6.00
302 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.358	20
		0.00 T	0.00	-8.52	1.50

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303 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.750	28
		0.13 T	0.81	13.04	2.00
304 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.512	20
		0.00 T	0.00	6.47	6.00
305 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.514	20
		0.00 T	0.00	6.50	6.00
306 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.354	25
		0.03 C	-0.39	-6.13	2.00
307 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.902	28
		0.14 T	1.46	12.81	2.00
308 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.557	20
		0.00 T	0.00	7.04	0.00
309 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.557	20
		0.00 T	0.00	7.04	0.00

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310 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.358	20
		0.00 T	0.00	-8.52	0.67
311 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.757	28
		0.13 T	0.82	13.18	2.00
312 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.514	20
		0.00 T	0.00	6.50	6.00
313 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.512	20
		0.00 T	0.00	6.47	6.00
314 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.389	20
		0.00 T	0.00	-9.25	2.00
315 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.691	24
		0.42 T	0.22	15.07	2.00
316 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.514	20
		0.00 T	0.00	6.50	6.00

317 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.515	20
		0.00 T	0.00	6.51	6.00
318 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.308	27
		13.48 C	6.81	-2.84	0.00
319 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.332	25
		24.93 C	7.18	2.56	0.00
320 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.414	25
		0.09 C	0.75	5.39	0.00
321 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.546	28
		0.00 T	0.00	7.59	6.00
322 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.681	25
		0.00 T	0.00	9.47	0.00
323 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.331	25
		24.52 C	7.17	2.54	0.00

324 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.425	25
		0.09 C	0.75	5.65	0.00
325 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.678	25
		0.00 T	0.00	9.42	0.00
326 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.331	25
		24.52 C	7.17	2.56	0.00
327 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.579	25
		0.11 C	1.37	5.71	0.00
328 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.677	25
		0.00 T	0.00	9.41	0.00
329 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.332	25
		24.93 C	7.19	2.55	0.00
330 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.426	25
		0.09 C	0.76	5.66	0.00

331	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.680	25
			0.00 T	0.00	9.45	0.00
332	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.316	25
			14.94 C	6.90	2.98	0.00
333	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.410	21
			0.22 C	0.20	8.53	0.00
334	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.547	28
			0.00 T	0.00	7.60	6.00
335	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.186	28
			0.05 T	-0.26	-2.86	0.00
336	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.432	28
			0.09 T	0.75	5.82	2.00
337	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.515	20
			0.00 T	0.00	6.51	0.00

338	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.514	20
			0.00 T	0.00	6.50	0.00
339	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.175	25
			0.05 C	-0.26	-2.61	2.00
340	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.424	28
			0.09 T	0.75	5.64	2.00
341	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.512	20
			0.00 T	0.00	6.47	0.00
342	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.514	20
			0.00 T	0.00	6.50	0.00
343	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.229	25
			0.09 C	-0.47	-2.65	2.00
344	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.578	28
			0.11 T	1.37	5.69	2.00

345 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.484	20
		0.00 T	0.00	6.12	0.00
346 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.484	20
		0.00 T	0.00	6.12	0.00
347 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.175	25
		0.05 C	-0.26	-2.61	2.00
348 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.425	28
		0.09 T	0.76	5.63	2.00
349 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.514	20
		0.00 T	0.00	6.50	0.00
350 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.512	20
		0.00 T	0.00	6.47	0.00
351 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.182	21
		0.01 C	-0.08	-3.87	2.00



352 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.396	24
		0.22 T	0.21	8.18	2.00
353 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.514	20
		0.00 T	0.00	6.50	0.00
354 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.515	20
		0.00 T	0.00	6.51	0.00
355 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.124	20
		0.00 T	0.00	-6.17	0.50
356 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.242	28
		0.14 T	0.77	7.44	2.00
357 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.124	28
		0.70 T	-0.26	-4.59	0.00
358 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.243	28
		0.14 T	0.77	7.49	2.00

359 ST	W8X40		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.154	20
		0.00 T	0.00	-2.28	1.00
360 ST	W8X40		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.154	20
		0.00 T	0.00	-2.28	1.00
361 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.093	20
		0.00 T	0.00	-4.61	1.00
362 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.241	28
		0.58 T	0.77	7.39	2.00
363 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.093	20
		0.00 T	0.00	-4.61	1.00
364 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.241	28
		0.58 T	0.77	7.36	2.00
365 ST	W8X40		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.154	20
		0.00 T	0.00	-2.28	1.00

366 ST	W8X40		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.154	20
		0.00 T	0.00	-2.28	1.00
367 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.115	20
		0.00 T	0.00	-5.73	1.33
368 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.217	28
		1.03 T	0.83	5.76	2.00
369 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.116	20
		0.00 T	0.00	-5.74	1.33
370 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.218	28
		1.03 T	0.83	5.77	2.00
371 ST	W8X40		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.154	20
		0.00 T	0.00	-2.28	1.00
372 ST	W8X40		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.154	20
		0.00 T	0.00	-2.28	1.00

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373 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.150	21
		0.76 C	-0.39	-5.17	2.00
374 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.222	28
		1.35 T	0.99	5.06	2.00
375 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.150	21
		0.76 C	-0.39	-5.17	2.00
376 ST	W18X65		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.222	28
		1.35 T	0.99	5.06	2.00
377 ST	W8X40		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.154	20
		0.00 T	0.00	-2.28	1.00
378 ST	W8X40		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.154	20
		0.00 T	0.00	-2.28	1.00
379 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.283	28
		4.04 C	5.24	5.35	3.90

380 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.285	26
		9.71 C	6.33	-2.75	3.90
381 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.457	25
		0.23 C	0.93	5.35	0.00
382 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.338	27
		6.80 C	-6.42	5.92	3.90
383 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.317	27
		22.53 C	-6.21	3.81	3.90
384 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.491	25
		0.31 C	0.95	6.01	0.00
385 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.377	25
		0.00 T	0.00	5.23	0.00
386 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.529	28
		0.00 T	0.00	7.36	6.00

387 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.260	25
		0.07 C	-0.53	-3.05	2.00
388 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.560	28
		0.21 T	1.16	6.44	2.00
389 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.229	25
		0.05 C	-0.33	-3.51	2.00
390 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.291	28
		0.22 T	-0.58	-3.51	0.00
391 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.592	20
		0.00 T	0.00	-7.48	3.00
392 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.593	20
		0.00 T	0.00	-7.50	3.00
393 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.269	26
		8.17 C	6.29	-2.03	3.90

394 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.578	25
		0.23 C	1.40	5.45	0.00
395 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.350	28
		29.72 C	6.36	4.87	3.90
396 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.847	25
		0.39 C	1.51	11.16	0.00
397 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.552	28
		0.00 T	0.00	7.67	6.00
398 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.223	25
		0.09 C	-0.49	-2.41	2.00
399 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.560	28
		0.24 T	1.41	4.99	2.00
400 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.356	28
		0.01 T	-0.38	-6.24	0.00

401	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.955	28
			0.39 T	1.52	13.73	2.00
402	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.477	20
			0.00 T	0.00	6.03	6.00
403	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.452	20
			0.00 T	0.00	5.71	6.00
404	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.277	28
			8.34 C	6.37	2.31	3.90
405	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.568	25
			0.24 C	1.48	4.76	0.00
406	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.347	25
			29.65 C	-6.14	-5.15	3.90
*	407	ST	W16X36		(AISC SECTIONS)	
			FAIL	Eq. H1-1b	1.100	25
			0.51 C	1.60	16.66	0.00



408	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.531	28
			0.00 T	0.00	7.37	6.00
409	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.223	25
			0.10 C	-0.54	-2.10	2.00
410	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.580	28
			0.24 T	1.51	4.84	2.00
411	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.495	20
			0.00 T	0.00	-11.76	2.00
*	412	ST	W16X36		(AISC SECTIONS)	
			FAIL	Eq. H1-1b	1.119	28
			0.52 T	1.64	16.90	2.00
413	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.681	20
			0.00 T	0.00	8.61	6.00
414	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.638	20
			0.00 T	0.00	8.07	6.00

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415 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.289	26
		7.91 C	6.33	-3.14	3.90
416 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.567	25
		0.23 C	1.41	5.15	0.00
417 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.310	25
		24.01 C	-6.25	-3.22	3.90
418 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.954	25
		0.40 C	1.52	13.70	0.00
419 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.528	28
		0.00 T	0.00	7.34	6.00
420 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.229	25
		0.09 C	-0.49	-2.54	2.00
421 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.556	28
		0.24 T	1.41	4.89	2.00

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422 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.354	25
		0.01 C	-0.38	-6.16	2.00
423 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.876	28
		0.39 T	1.52	11.84	2.00
424 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.474	20
		0.00 T	0.00	5.99	6.00
425 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.480	20
		0.00 T	0.00	6.06	6.00
426 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.196	26
		0.39 C	4.63	-1.83	3.90
427 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.547	25
		0.23 C	1.58	3.69	0.00
428 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.363	25
		10.56 C	-6.03	-7.89	3.90

429	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.802	25
			0.52 C	1.42	10.71	0.00
430	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.327	25
			0.52 C	0.43	4.69	0.00
431	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.301	24
			0.12 T	0.18	4.56	4.50
433	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.333	21
			0.06 C	-0.23	-6.55	2.00
434	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.666	28
			0.39 T	1.34	7.89	2.00
435	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.331	28
			0.94 T	0.54	3.51	3.00
436	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.388	21
			0.74 C	-0.46	-4.94	3.00

437	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.363	28
			9.42 C	6.02	7.99	3.90
438	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.283	28
			22.62 C	5.88	2.53	3.90
439	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.669	25
			0.38 C	1.34	7.99	0.00
440	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.311	25
			0.52 C	0.43	4.31	0.00
441	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.482	25
			0.00 T	0.00	6.70	0.00
442	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.329	24
			0.06 T	-0.22	-6.52	0.00
443	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.359	28
			0.41 T	-0.80	-3.82	0.00

444 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.381	21
		0.63 C	-0.44	-4.91	3.00
445 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.328	28
		0.92 T	0.52	3.55	3.00
446 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.325	25
		19.44 C	-6.53	-3.91	3.90
447 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.845	25
		0.38 C	1.51	11.16	0.00
448 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.540	25
		0.00 T	0.00	7.50	0.00
449 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.342	25
		0.00 C	-0.39	-5.83	2.00
450 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.815	28
		0.38 T	1.51	10.43	2.00

451 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.477	20
		0.00 T	0.00	6.03	0.00
452 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.452	20
		0.00 T	0.00	5.71	0.00
453 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.313	27
		18.73 C	-6.37	3.58	3.90
454 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.727	25
		0.36 C	1.48	8.52	0.00
455 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.490	25
		0.00 T	0.00	6.81	0.00
456 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.289	25
		0.11 C	-0.55	-3.63	2.00
457 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.743	28
		0.36 T	1.52	8.68	2.00

458 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.714	20
		0.00 T	0.00	-9.03	3.50
459 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.645	20
		0.00 T	0.00	-8.15	3.50
460 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.289	28
		24.05 C	5.85	2.82	3.90
461 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.813	25
		0.38 C	1.51	10.37	0.00
462 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.482	25
		0.00 T	0.00	6.69	0.00
463 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.341	28
		0.00 T	-0.39	-5.82	0.00
464 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.870	28
		0.38 T	1.51	11.72	2.00



465 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.474	20
		0.00 T	0.00	5.99	0.00
466 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.480	20
		0.00 T	0.00	6.06	0.00
467 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.388	25
		11.73 C	-5.81	-9.72	3.90
468 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.856	25
		0.38 C	1.30	12.63	0.00
469 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.348	28
		0.00 T	0.00	4.83	6.00
470 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.369	25
		0.00 C	-0.36	-6.63	2.00
471 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.739	28
		0.38 T	1.33	9.72	2.00

472 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.387	20
		0.00 T	0.00	4.89	6.00
473 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.474	20
		0.00 T	0.00	6.00	6.00
474 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.387	28
		11.00 C	5.88	9.55	3.90
475 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.281	25
		24.58 C	-5.82	-2.39	3.90
476 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.730	25
		0.37 C	1.32	9.55	0.00
477 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.353	28
		0.00 T	0.00	4.91	6.00
478 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.481	25
		0.00 T	0.00	6.69	0.00

479	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.365	28
			0.00 T	-0.35	-6.64	0.00
480	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.864	28
			0.37 T	1.32	12.75	2.00
481	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.475	20
			0.00 T	0.00	6.00	6.00
482	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.384	20
			0.00 T	0.00	4.86	6.00
483	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.326	26
			11.01 C	4.67	-8.48	3.90
484	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.899	25
			0.37 C	1.51	12.42	0.00
485	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.388	25
			0.00 T	0.00	5.39	0.00

486 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.387	25
		0.00 T	-0.39	-6.90	2.00
487 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.736	28
		0.37 T	1.52	8.53	2.00
488 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.404	20
		0.00 T	0.00	5.11	0.00
489 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.395	20
		0.00 T	0.00	5.00	6.00
490 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.372	28
		10.35 C	6.00	8.48	3.90
492 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.396	25
		0.00 T	0.00	5.50	0.00
497 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.280	25
		23.77 C	-5.83	-2.33	3.90

498 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.734	25
		0.37 C	1.52	8.48	0.00
499 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.480	28
		0.00 T	0.00	6.67	6.00
500 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.387	28
		0.00 T	-0.39	-6.91	0.00
501 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.894	28
		0.37 T	1.52	12.27	2.00
502 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.407	20
		0.00 T	0.00	5.14	0.00
503 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.406	20
		0.00 T	0.00	5.13	0.00
504 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.380	25
		11.39 C	-5.85	-9.18	3.90

505 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.829	25
		0.37 C	1.31	11.94	0.00
506 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.352	25
		0.00 T	0.00	4.90	0.00
507 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.362	25
		0.00 C	-0.36	-6.50	2.00
508 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.718	28
		0.37 T	1.33	9.18	2.00
509 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.402	20
		0.00 T	0.00	5.08	6.00
510 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.474	20
		0.00 T	0.00	6.00	0.00
511 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.380	28
		10.71 C	5.89	9.14	3.90

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512 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.280	28
		23.76 C	5.87	2.29	3.90
513 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.715	25
		0.36 C	1.33	9.14	0.00
514 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.354	25
		0.00 T	0.00	4.91	0.00
515 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.479	25
		0.00 T	0.00	6.66	0.00
516 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.358	28
		0.00 T	-0.34	-6.50	0.00
517 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.832	28
		0.36 T	1.32	11.95	2.00
518 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.475	20
		0.00 T	0.00	6.00	0.00

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519	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.403	20
			0.00 T	0.00	5.09	6.00
520	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.372	25
			11.24 C	-5.92	-8.57	3.90
521	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.894	25
			0.36 C	1.51	12.29	0.00
522	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.329	28
			0.00 T	0.00	4.57	6.00
523	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.390	25
			0.00 T	-0.39	-6.96	2.00
524	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.738	28
			0.36 T	1.52	8.57	2.00
525	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.396	20
			0.00 T	0.00	5.00	6.00



526	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.395	20
			0.00 T	0.00	5.00	0.00
527	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.373	27
			10.45 C	-6.01	8.54	3.90
529	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.348	28
			0.00 T	0.00	4.83	6.00
534	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.278	25
			23.97 C	-5.82	-2.23	3.90
535	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.738	25
			0.36 C	1.52	8.56	0.00
536	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.480	25
			0.00 T	0.00	6.67	0.00
537	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.390	28
			0.00 T	-0.39	-6.98	0.00

538	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.897	28
			0.36 T	1.52	12.35	2.00
539	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.397	20
			0.00 T	0.00	5.02	6.00
540	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.398	20
			0.00 T	0.00	5.03	6.00
541	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.380	25
			11.39 C	-5.84	-9.19	3.90
542	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.836	25
			0.36 C	1.32	12.07	0.00
543	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.352	25
			0.00 T	0.00	4.89	0.00
544	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.361	25
			0.00 C	-0.36	-6.48	2.00

545 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.720	28
		0.36 T	1.34	9.19	2.00
546 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.402	20
		0.00 T	0.00	5.08	0.00
547 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.398	20
		0.00 T	0.00	5.04	6.00
548 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.381	28
		10.73 C	5.89	9.18	3.90
549 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.278	28
		23.85 C	5.87	2.12	3.90
550 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.718	25
		0.36 C	1.33	9.18	0.00
551 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.353	25
		0.00 T	0.00	4.90	0.00

552 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.481	25
		0.00 T	0.00	6.68	0.00
553 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.358	28
		0.00 T	-0.35	-6.48	0.00
554 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.838	28
		0.36 T	1.33	12.04	2.00
555 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.398	20
		0.00 T	0.00	5.04	6.00
556 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.403	20
		0.00 T	0.00	5.09	0.00
557 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.409	26
		12.91 C	6.86	-8.66	3.90
558 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.891	25
		0.36 C	1.51	12.23	0.00

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559 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.410	28
		0.00 T	0.00	5.70	6.00
560 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.385	25
		0.00 T	-0.39	-6.84	2.00
561 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.742	28
		0.36 T	1.52	8.67	2.00
562 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.396	20
		0.00 T	0.00	5.00	0.00
563 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.394	20
		0.00 T	0.00	4.98	0.00
564 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.408	28
		12.17 C	6.85	8.66	3.90
565 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.258	21
		0.22 C	-0.37	-3.96	2.00

566 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.406	28
		0.00 T	0.00	5.65	6.00
567 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.229	21
		0.04 C	0.25	-3.96	0.00
568 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.259	21
		0.22 C	0.37	-3.96	0.00
571 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.277	25
		23.86 C	-5.83	-2.15	3.90
572 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.742	25
		0.36 C	1.52	8.66	0.00
573 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.479	25
		0.00 T	0.00	6.66	0.00
574 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.384	28
		0.00 T	-0.39	-6.84	0.00

575 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.891	28
		0.36 T	1.52	12.22	2.00
576 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.397	20
		0.00 T	0.00	5.02	0.00
577 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.398	20
		0.00 T	0.00	5.03	0.00
578 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.380	25
		11.40 C	-5.84	-9.19	3.90
579 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.836	25
		0.36 C	1.33	12.02	0.00
580 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.352	25
		0.00 T	0.00	4.89	0.00
581 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.361	25
		0.00 C	-0.36	-6.49	2.00

582 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.721	28
		0.36 T	1.34	9.19	2.00
583 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.396	20
		0.00 T	0.00	5.01	6.00
584 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.398	20
		0.00 T	0.00	5.04	0.00
585 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.382	28
		10.76 C	5.90	9.24	3.90
586 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.273	28
		23.66 C	5.87	1.88	3.90
587 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.721	25
		0.36 C	1.34	9.24	0.00
588 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.353	25
		0.00 T	0.00	4.90	0.00



589	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.480	25
			0.00 T	0.00	6.67	0.00
590	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.359	28
			0.00 T	-0.35	-6.50	0.00
591	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.837	28
			0.36 T	1.33	12.00	2.00
592	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.398	20
			0.00 T	0.00	5.04	0.00
593	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.396	20
			0.00 T	0.00	5.01	6.00
594	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.387	25
			15.71 C	-7.08	-6.68	3.90
595	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.876	25
			0.36 C	1.51	11.88	0.00

596 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.412	21
		0.19 C	0.77	4.70	0.00
597 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.362	25
		0.00 T	-0.39	-6.31	2.00
598 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.770	28
		0.36 T	1.52	9.35	2.00
599 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.400	20
		0.00 T	0.00	5.06	6.00
600 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.398	20
		0.00 T	0.00	5.04	6.00
601 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.385	27
		15.67 C	-7.07	6.61	3.90
602 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.368	21
		0.64 C	0.32	6.79	0.00

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603 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.410	21
		0.19 C	0.77	4.66	0.00
604 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.118	24
		0.03 T	-0.24	-1.40	0.00
605 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.368	24
		0.64 T	0.32	6.80	2.00
608 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.274	28
		23.66 C	5.85	1.96	3.90
609 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.770	25
		0.36 C	1.52	9.34	0.00
610 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.479	25
		0.00 T	0.00	6.66	0.00
611 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.362	28
		0.00 T	-0.39	-6.31	0.00

612 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.877	28
		0.36 T	1.52	11.88	2.00
613 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.399	20
		0.00 T	0.00	5.04	6.00
614 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.400	20
		0.00 T	0.00	5.06	6.00
615 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.381	25
		11.42 C	-5.85	-9.24	3.90
616 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.836	25
		0.36 C	1.33	12.00	0.00
617 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.352	25
		0.00 T	0.00	4.89	0.00
618 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.361	25
		0.00 C	-0.35	-6.50	2.00

619	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.724	28
			0.36 T	1.35	9.24	2.00
620	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.396	20
			0.00 T	0.00	5.01	0.00
621	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.396	20
			0.00 T	0.00	5.01	6.00
622	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.379	28
			10.63 C	5.86	9.15	3.90
623	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.275	25
			23.36 C	-5.81	-2.12	3.90
624	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.718	25
			0.36 C	1.34	9.15	0.00
625	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.353	25
			0.00 T	0.00	4.91	0.00

626 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.481	25
		0.00 T	0.00	6.68	0.00
627 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.356	28
		0.00 T	-0.35	-6.42	0.00
628 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.828	28
		0.36 T	1.33	11.79	2.00
629 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.395	20
		0.00 T	0.00	5.00	0.00
630 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.396	20
		0.00 T	0.00	5.01	0.00
631 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.352	26
		15.71 C	6.69	-5.46	3.90
632 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.860	25
		0.36 C	1.51	11.51	0.00

633	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.404	25
			0.00 T	0.00	5.61	0.00
634	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.348	25
			0.00 C	-0.39	-5.97	2.00
635	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.774	28
			0.36 T	1.51	9.47	2.00
636	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.400	20
			0.00 T	0.00	5.06	0.00
637	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.398	20
			0.00 T	0.00	5.04	0.00
638	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.355	28
			15.68 C	6.70	5.58	3.90
639	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.492	25
			0.21 C	0.99	5.83	0.00

640 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.404	25
		0.00 T	0.00	5.62	0.00
641 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.153	25
		0.06 C	-0.35	-1.60	2.00
642 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.492	28
		0.21 T	0.99	5.82	2.00
645 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.275	28
		23.22 C	5.81	2.13	3.90
646 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.775	25
		0.36 C	1.51	9.48	0.00
647 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.480	25
		0.00 T	0.00	6.67	0.00
648 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.347	28
		0.00 T	-0.39	-5.97	0.00



649	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.860	28
			0.36 T	1.51	11.50	2.00
650	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.399	20
			0.00 T	0.00	5.04	0.00
651	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.400	20
			0.00 T	0.00	5.06	0.00
652	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.378	25
			11.35 C	-5.83	-9.15	3.90
653	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.828	25
			0.36 C	1.33	11.80	0.00
654	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.352	25
			0.00 T	0.00	4.90	0.00
655	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.358	25
			0.00 C	-0.35	-6.43	2.00

656 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.720	28
		0.36 T	1.35	9.15	2.00
657 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.396	20
		0.00 T	0.00	5.00	0.00
658 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.396	20
		0.00 T	0.00	5.01	0.00
659 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.410	28
		11.46 C	6.23	10.16	3.90
660 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.297	26
		24.96 C	6.26	-2.37	3.90
661 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.762	25
		0.37 C	1.34	10.16	0.00
662 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.349	25
		0.00 T	0.00	4.85	0.00

663	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.478	28
			0.00 T	0.00	6.65	6.00
664	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.385	28
			0.01 T	-0.34	-7.15	0.00
665	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.878	28
			0.36 T	1.34	12.94	2.00
666	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.448	20
			0.00 T	0.00	5.66	6.00
667	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.446	20
			0.00 T	0.00	5.64	6.00
668	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.298	28
			25.39 C	6.18	2.54	3.90
669	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.892	25
			0.37 C	1.51	12.25	0.00

670 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.492	28
		0.00 T	0.00	6.83	6.00
671 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.338	25
		0.01 C	-0.38	-5.80	2.00
672 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.896	28
		0.36 T	1.52	12.33	2.00
673 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.462	20
		0.00 T	0.00	5.84	6.00
674 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.458	20
		0.00 T	0.00	5.79	6.00
675 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.294	26
		25.40 C	6.15	-2.37	3.90
676 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.815	25
		0.36 C	1.07	13.02	0.00

677 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.492	28
		0.00 T	0.00	6.84	6.00
678 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.351	20
		0.00 T	0.00	-8.35	1.00
679 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.815	28
		0.36 T	1.07	13.01	2.00
680 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.498	20
		0.00 T	0.00	6.30	6.00
681 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.498	20
		0.00 T	0.00	6.30	6.00
682 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.301	28
		24.86 C	6.29	2.56	3.90
683 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.897	25
		0.37 C	1.52	12.34	0.00

684 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.479	28
		0.00 T	0.00	6.65	6.00
685 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.338	25
		0.01 C	-0.38	-5.80	2.00
686 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.892	28
		0.36 T	1.52	12.24	2.00
687 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.458	20
		0.00 T	0.00	5.79	6.00
688 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.462	20
		0.00 T	0.00	5.84	6.00
689 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.405	26
		12.11 C	6.11	-10.06	3.90
690 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.878	25
		0.37 C	1.34	12.95	0.00

691	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.348	25
			0.00 T	0.00	4.83	0.00
692	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.387	25
			0.01 C	-0.35	-7.15	2.00
693	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.763	28
			0.36 T	1.35	10.15	2.00
694	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.446	20
			0.00 T	0.00	5.64	6.00
695	ST	W14X34		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.448	20
			0.00 T	0.00	5.66	6.00
696	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.265	27
			5.69 C	-5.11	4.43	3.90
697	ST	W14X90		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.278	25
			11.29 C	-6.35	-2.15	3.90

698 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.501	25
		0.22 C	1.25	4.54	0.00
699 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.391	25
		0.00 T	0.00	5.43	0.00
700 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.529	25
		0.00 T	0.00	7.35	0.00
701 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.232	28
		0.08 T	-0.43	-2.93	0.00
702 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.540	28
		0.22 T	1.24	5.50	2.00
703 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.448	20
		0.00 T	0.00	5.66	0.00
704 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.446	20
		0.00 T	0.00	5.64	0.00



705 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.272	25
		10.93 C	-6.32	-1.89	3.90
706 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.568	25
		0.22 C	1.40	5.20	0.00
707 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.534	25
		0.00 T	0.00	7.42	0.00
708 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.222	25
		0.09 C	-0.49	-2.39	2.00
709 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.562	28
		0.22 T	1.41	5.07	2.00
710 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.462	20
		0.00 T	0.00	5.84	0.00
711 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.458	20
		0.00 T	0.00	5.79	0.00

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712 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.271	25
		10.93 C	-6.32	-1.83	3.90
713 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.460	25
		0.21 C	0.99	5.07	0.00
714 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.534	25
		0.00 T	0.00	7.42	0.00
715 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.184	25
		0.06 C	-0.35	-2.34	2.00
716 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.459	28
		0.21 T	0.99	5.05	2.00
717 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.498	20
		0.00 T	0.00	6.30	0.00
718 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.498	20
		0.00 T	0.00	6.30	0.00

719 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.274	27
		11.20 C	-6.32	1.99	3.90
720 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.563	25
		0.22 C	1.41	5.08	0.00
721 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.528	25
		0.00 T	0.00	7.34	0.00
722 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.222	28
		0.09 T	-0.49	-2.38	0.00
723 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.567	28
		0.22 T	1.41	5.18	2.00
724 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.458	20
		0.00 T	0.00	5.79	0.00
725 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.462	20
		0.00 T	0.00	5.84	0.00

726 ST	W14X90		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.269	25
		6.36 C	-5.17	-4.52	3.90
727 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.541	25
		0.22 C	1.24	5.52	0.00
728 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.389	25
		0.00 T	0.00	5.41	0.00
729 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.234	25
		0.08 C	-0.44	-2.94	2.00
730 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.502	28
		0.22 T	1.25	4.52	2.00
731 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.446	20
		0.00 T	0.00	5.64	0.00
732 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.448	20
		0.00 T	0.00	5.66	0.00

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733 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.432	24
		0.19 T	0.83	4.84	3.00
734 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.433	24
		0.19 T	0.83	4.85	3.00
735 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.145	21
		0.05 C	-0.57	0.00	3.00
736 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.145	21
		0.05 C	-0.57	0.00	3.00
737 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.820	28
		0.51 T	1.50	10.66	1.50
738 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.784	28
		0.40 T	1.58	9.32	1.50
739 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.280	28
		0.52 T	0.26	4.57	3.00

740 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.404	24
		0.41 T	-0.54	-4.91	0.00
741 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.290	25
		0.24 C	-0.96	-0.95	2.00
742 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.199	28
		0.20 T	-0.59	-0.95	0.00
744 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.371	25
		0.42 C	-0.84	-3.84	0.50
745 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.413	24
		0.52 T	-0.57	-4.94	0.00
746 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.315	28
		0.52 T	0.29	5.17	3.00
747 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.204	25
		0.23 C	-0.60	-0.99	2.50

748 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.296	28
		0.22 T	-0.98	-0.99	0.00
750 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.277	25
		0.17 C	-0.41	-4.15	0.50
751 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.478	20
		0.00 T	0.00	-8.79	0.00
752 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.393	28
		0.21 T	0.15	7.58	3.00
753 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.203	25
		0.09 C	-0.33	-2.38	2.25
754 ST	W14X34		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.234	28
		0.09 T	-0.45	-2.38	0.00
755 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.259	24
		0.20 T	-0.16	-5.23	0.00

757 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.546	24
		0.01 T	-1.72	-2.83	0.00
758 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.161	21
		0.01 C	0.47	1.07	0.00
760 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.155	24
		0.01 T	-0.24	-2.29	1.33
761 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.168	24
		0.01 T	-0.32	-2.10	0.33
762 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.155	24
		0.01 T	-0.24	-2.29	1.33
764 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.576	21
		0.01 C	-1.72	-2.83	4.00
765 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.595	28
		0.26 T	0.24	12.69	2.00



766	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.257	28
			0.02 T	0.04	4.68	4.00
* 771	ST	W16X36		(AISC SECTIONS)		
			FAIL	Eq. H1-1b	1.210	24
			0.05 T	3.57	7.72	2.00
772	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.421	28
			0.18 T	0.16	9.06	2.00
775	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.138	25
			0.00 T	-0.06	-2.92	2.00
777	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.142	25
			0.00 T	-0.06	-3.00	2.00
779	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.393	28
			0.13 T	0.13	8.59	2.00
780	ST	W16X36		(AISC SECTIONS)		
			PASS	Eq. H1-1b	0.396	28
			0.13 T	0.13	8.66	2.00

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783 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.141	28
		0.00 T	-0.05	-3.02	0.00
784 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.141	28
		0.00 T	-0.05	-3.02	0.00
787 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.396	28
		0.13 T	0.11	8.76	2.00
788 ST	W16X36		(AISC SECTIONS)		
		PASS	Eq. H1-1b	0.396	28
		0.13 T	0.11	8.77	2.00

- 580. PARAMETER 2
- 581. CODE AISC UNIFIED 2010
- 582. FIXED GROUP
- 583. PARAMETER 3
- 584. CODE AISC UNIFIED 2010
- 585. STEEL MEMBER TAKE OFF ALL

**STEEL TAKE-OFF**

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PROFILE	LENGTH(METE)	WEIGHT (MTON)
ST W14X90	414.00	55.445
ST W16X36	1206.00	64.606
ST W14X34	970.50	49.047
ST W21X44	36.00	2.365
ST W18X65	60.00	5.792
ST W8X40	16.00	0.946
-----		
TOTAL =		178.201

MEMBER	PROFILE	LENGTH (METE)	WEIGHT (MTON)
1	ST W14X90	3.00	0.402
2	ST W14X90	3.00	0.402
3	ST W16X36	2.00	0.107
4	ST W14X90	3.00	0.402
5	ST W14X90	3.00	0.402
6	ST W16X36	2.00	0.107
7	ST W16X36	6.00	0.321
8	ST W16X36	6.00	0.321
9	ST W14X90	3.00	0.402
10	ST W16X36	2.00	0.107
11	ST W14X90	3.00	0.402
12	ST W16X36	2.00	0.107
13	ST W16X36	6.00	0.321
14	ST W14X90	3.00	0.402
15	ST W16X36	2.00	0.107
16	ST W14X90	3.00	0.402
17	ST W16X36	2.00	0.107
18	ST W16X36	6.00	0.321
19	ST W14X90	3.00	0.402
20	ST W16X36	2.00	0.107
21	ST W14X90	3.00	0.402
22	ST W16X36	2.00	0.107
23	ST W16X36	6.00	0.321
24	ST W14X90	3.00	0.402
25	ST W16X36	1.50	0.080
26	ST W14X90	3.00	0.402
27	ST W16X36	1.50	0.080
28	ST W16X36	3.00	0.161
29	ST W16X36	2.00	0.107
30	ST W16X36	2.00	0.107
31	ST W16X36	2.00	0.107
32	ST W16X36	2.00	0.107
33	ST W14X34	6.00	0.303
34	ST W14X34	6.00	0.303
35	ST W16X36	2.00	0.107

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36	ST	W16X36	2.00	0.107
37	ST	W16X36	2.00	0.107
38	ST	W16X36	2.00	0.107
39	ST	W14X34	6.00	0.303
40	ST	W14X34	6.00	0.303
41	ST	W16X36	2.00	0.107
42	ST	W16X36	2.00	0.107
43	ST	W16X36	2.00	0.107
44	ST	W16X36	2.00	0.107
45	ST	W14X34	6.00	0.303
46	ST	W14X34	6.00	0.303
47	ST	W16X36	2.00	0.107
48	ST	W16X36	2.00	0.107
49	ST	W16X36	2.00	0.107
50	ST	W16X36	2.00	0.107
51	ST	W14X34	6.00	0.303
52	ST	W14X34	6.00	0.303
54	ST	W16X36	4.50	0.241
55	ST	W16X36	1.75	0.094
56	ST	W16X36	2.00	0.107
57	ST	W14X34	3.00	0.152
58	ST	W14X34	3.00	0.152
59	ST	W14X90	3.00	0.402
60	ST	W14X90	3.00	0.402
61	ST	W16X36	2.00	0.107
62	ST	W16X36	6.00	0.321
63	ST	W16X36	6.00	0.321
64	ST	W14X90	3.00	0.402
65	ST	W16X36	2.00	0.107
66	ST	W16X36	6.00	0.321
67	ST	W14X90	3.00	0.402
68	ST	W21X44	2.00	0.131
69	ST	W16X36	6.00	0.321
70	ST	W14X90	3.00	0.402
71	ST	W16X36	2.00	0.107
72	ST	W16X36	6.00	0.321
73	ST	W14X90	3.00	0.402
74	ST	W16X36	2.00	0.107
75	ST	W16X36	6.00	0.321
76	ST	W16X36	2.00	0.107
77	ST	W16X36	2.00	0.107
78	ST	W14X34	6.00	0.303
79	ST	W14X34	6.00	0.303
80	ST	W16X36	2.00	0.107
81	ST	W16X36	2.00	0.107
82	ST	W14X34	6.00	0.303
83	ST	W14X34	6.00	0.303
84	ST	W21X44	2.00	0.131
85	ST	W21X44	2.00	0.131
86	ST	W14X34	6.00	0.303
87	ST	W14X34	6.00	0.303
88	ST	W16X36	2.00	0.107
89	ST	W16X36	2.00	0.107
90	ST	W14X34	6.00	0.303
91	ST	W14X34	6.00	0.303
92	ST	W16X36	2.00	0.107

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93	ST	W16X36	2.00	0.107
94	ST	W14X34	6.00	0.303
95	ST	W14X34	6.00	0.303
96	ST	W14X90	3.00	0.402
97	ST	W14X90	3.00	0.402
98	ST	W16X36	2.00	0.107
99	ST	W16X36	6.00	0.321
100	ST	W16X36	6.00	0.321
101	ST	W14X90	3.00	0.402
102	ST	W16X36	2.00	0.107
103	ST	W16X36	2.00	0.107
104	ST	W14X90	3.00	0.402
105	ST	W21X44	2.00	0.131
106	ST	W16X36	2.00	0.107
107	ST	W14X90	3.00	0.402
108	ST	W16X36	2.00	0.107
109	ST	W16X36	6.00	0.321
110	ST	W14X90	3.00	0.402
111	ST	W16X36	2.00	0.107
112	ST	W16X36	6.00	0.321
113	ST	W16X36	2.00	0.107
114	ST	W16X36	2.00	0.107
115	ST	W14X34	6.00	0.303
116	ST	W14X34	6.00	0.303
117	ST	W16X36	2.00	0.107
118	ST	W16X36	2.00	0.107
119	ST	W14X34	6.00	0.303
120	ST	W14X34	6.00	0.303
121	ST	W21X44	2.00	0.131
122	ST	W21X44	2.00	0.131
123	ST	W18X65	2.00	0.193
124	ST	W18X65	2.00	0.193
125	ST	W16X36	2.00	0.107
126	ST	W16X36	2.00	0.107
127	ST	W14X34	6.00	0.303
128	ST	W14X34	6.00	0.303
129	ST	W16X36	2.00	0.107
130	ST	W16X36	2.00	0.107
131	ST	W14X34	6.00	0.303
132	ST	W14X34	6.00	0.303
133	ST	W14X90	3.00	0.402
134	ST	W14X90	3.00	0.402
135	ST	W16X36	2.00	0.107
136	ST	W16X36	6.00	0.321
137	ST	W16X36	6.00	0.321
138	ST	W14X90	3.00	0.402
139	ST	W16X36	2.00	0.107
141	ST	W14X90	3.00	0.402
142	ST	W21X44	2.00	0.131
143	ST	W16X36	2.00	0.107
144	ST	W14X90	3.00	0.402
145	ST	W16X36	2.00	0.107
146	ST	W16X36	6.00	0.321
147	ST	W14X90	3.00	0.402
148	ST	W16X36	2.00	0.107
149	ST	W16X36	6.00	0.321

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150	ST	W16X36	2.00	0.107
151	ST	W16X36	2.00	0.107
152	ST	W14X34	6.00	0.303
153	ST	W14X34	6.00	0.303
154	ST	W16X36	2.00	0.107
155	ST	W16X36	2.00	0.107
156	ST	W14X34	6.00	0.303
157	ST	W14X34	6.00	0.303
158	ST	W21X44	2.00	0.131
159	ST	W21X44	2.00	0.131
160	ST	W18X65	2.00	0.193
161	ST	W18X65	2.00	0.193
162	ST	W16X36	2.00	0.107
163	ST	W16X36	2.00	0.107
164	ST	W14X34	6.00	0.303
165	ST	W14X34	6.00	0.303
166	ST	W16X36	2.00	0.107
167	ST	W16X36	2.00	0.107
168	ST	W14X34	6.00	0.303
169	ST	W14X34	6.00	0.303
170	ST	W14X90	3.00	0.402
171	ST	W14X90	3.00	0.402
172	ST	W16X36	2.00	0.107
173	ST	W16X36	6.00	0.321
174	ST	W16X36	6.00	0.321
175	ST	W14X90	3.00	0.402
176	ST	W16X36	2.00	0.107
177	ST	W16X36	2.00	0.107
178	ST	W14X90	3.00	0.402
179	ST	W21X44	2.00	0.131
180	ST	W16X36	2.00	0.107
181	ST	W14X90	3.00	0.402
182	ST	W16X36	2.00	0.107
183	ST	W16X36	6.00	0.321
184	ST	W14X90	3.00	0.402
185	ST	W16X36	2.00	0.107
186	ST	W16X36	6.00	0.321
187	ST	W16X36	2.00	0.107
188	ST	W16X36	2.00	0.107
189	ST	W14X34	6.00	0.303
190	ST	W14X34	6.00	0.303
191	ST	W16X36	2.00	0.107
192	ST	W16X36	2.00	0.107
193	ST	W14X34	6.00	0.303
194	ST	W14X34	6.00	0.303
195	ST	W21X44	2.00	0.131
196	ST	W21X44	2.00	0.131
197	ST	W18X65	2.00	0.193
198	ST	W18X65	2.00	0.193
199	ST	W16X36	2.00	0.107
200	ST	W16X36	2.00	0.107
201	ST	W14X34	6.00	0.303
202	ST	W14X34	6.00	0.303
203	ST	W16X36	2.00	0.107
204	ST	W16X36	2.00	0.107
205	ST	W14X34	6.00	0.303

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206	ST	W14X34	6.00	0.303
207	ST	W14X90	3.00	0.402
208	ST	W14X90	3.00	0.402
209	ST	W16X36	2.00	0.107
210	ST	W16X36	6.00	0.321
211	ST	W16X36	6.00	0.321
212	ST	W14X90	3.00	0.402
213	ST	W16X36	2.00	0.107
214	ST	W16X36	6.00	0.321
215	ST	W14X90	3.00	0.402
216	ST	W21X44	2.00	0.131
217	ST	W16X36	6.00	0.321
218	ST	W14X90	3.00	0.402
219	ST	W16X36	2.00	0.107
220	ST	W16X36	6.00	0.321
221	ST	W14X90	3.00	0.402
222	ST	W16X36	2.00	0.107
223	ST	W16X36	6.00	0.321
224	ST	W16X36	2.00	0.107
225	ST	W16X36	2.00	0.107
226	ST	W14X34	6.00	0.303
227	ST	W14X34	6.00	0.303
228	ST	W16X36	2.00	0.107
229	ST	W16X36	2.00	0.107
230	ST	W14X34	6.00	0.303
231	ST	W14X34	6.00	0.303
232	ST	W21X44	2.00	0.131
233	ST	W21X44	2.00	0.131
234	ST	W18X65	6.00	0.579
235	ST	W18X65	6.00	0.579
236	ST	W16X36	2.00	0.107
237	ST	W16X36	2.00	0.107
238	ST	W14X34	6.00	0.303
239	ST	W14X34	6.00	0.303
240	ST	W16X36	2.00	0.107
241	ST	W16X36	2.00	0.107
242	ST	W14X34	6.00	0.303
243	ST	W14X34	6.00	0.303
244	ST	W14X90	3.00	0.402
245	ST	W14X90	3.00	0.402
246	ST	W16X36	2.00	0.107
247	ST	W16X36	6.00	0.321
248	ST	W16X36	6.00	0.321
249	ST	W14X90	3.00	0.402
250	ST	W16X36	2.00	0.107
251	ST	W16X36	2.00	0.107
252	ST	W14X90	3.00	0.402
253	ST	W21X44	2.00	0.131
254	ST	W16X36	2.00	0.107
255	ST	W14X90	3.00	0.402
256	ST	W16X36	2.00	0.107
257	ST	W16X36	6.00	0.321
258	ST	W14X90	3.00	0.402
259	ST	W16X36	2.00	0.107
260	ST	W16X36	6.00	0.321
261	ST	W16X36	2.00	0.107

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262	ST	W16X36	2.00	0.107
263	ST	W14X34	6.00	0.303
264	ST	W14X34	6.00	0.303
265	ST	W16X36	2.00	0.107
266	ST	W16X36	2.00	0.107
267	ST	W14X34	6.00	0.303
268	ST	W14X34	6.00	0.303
269	ST	W21X44	2.00	0.131
270	ST	W21X44	2.00	0.131
271	ST	W18X65	2.00	0.193
272	ST	W18X65	2.00	0.193
273	ST	W16X36	2.00	0.107
274	ST	W16X36	2.00	0.107
275	ST	W14X34	6.00	0.303
276	ST	W14X34	6.00	0.303
277	ST	W16X36	2.00	0.107
278	ST	W16X36	2.00	0.107
279	ST	W14X34	6.00	0.303
280	ST	W14X34	6.00	0.303
281	ST	W14X90	3.00	0.402
282	ST	W14X90	3.00	0.402
283	ST	W16X36	2.00	0.107
284	ST	W16X36	6.00	0.321
285	ST	W16X36	6.00	0.321
286	ST	W14X90	3.00	0.402
287	ST	W16X36	2.00	0.107
288	ST	W16X36	6.00	0.321
289	ST	W14X90	3.00	0.402
290	ST	W16X36	2.00	0.107
291	ST	W16X36	6.00	0.321
292	ST	W14X90	3.00	0.402
293	ST	W16X36	2.00	0.107
294	ST	W16X36	6.00	0.321
295	ST	W14X90	3.00	0.402
296	ST	W16X36	2.00	0.107
297	ST	W16X36	6.00	0.321
298	ST	W16X36	2.00	0.107
299	ST	W16X36	2.00	0.107
300	ST	W14X34	6.00	0.303
301	ST	W14X34	6.00	0.303
302	ST	W16X36	2.00	0.107
303	ST	W16X36	2.00	0.107
304	ST	W14X34	6.00	0.303
305	ST	W14X34	6.00	0.303
306	ST	W16X36	2.00	0.107
307	ST	W16X36	2.00	0.107
308	ST	W14X34	6.00	0.303
309	ST	W14X34	6.00	0.303
310	ST	W16X36	2.00	0.107
311	ST	W16X36	2.00	0.107
312	ST	W14X34	6.00	0.303
313	ST	W14X34	6.00	0.303
314	ST	W16X36	2.00	0.107
315	ST	W16X36	2.00	0.107
316	ST	W14X34	6.00	0.303
317	ST	W14X34	6.00	0.303



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318	ST	W14X90	3.00	0.402
319	ST	W14X90	3.00	0.402
320	ST	W16X36	2.00	0.107
321	ST	W16X36	6.00	0.321
322	ST	W16X36	6.00	0.321
323	ST	W14X90	3.00	0.402
324	ST	W16X36	2.00	0.107
325	ST	W16X36	6.00	0.321
326	ST	W14X90	3.00	0.402
327	ST	W16X36	2.00	0.107
328	ST	W16X36	6.00	0.321
329	ST	W14X90	3.00	0.402
330	ST	W16X36	2.00	0.107
331	ST	W16X36	6.00	0.321
332	ST	W14X90	3.00	0.402
333	ST	W16X36	2.00	0.107
334	ST	W16X36	6.00	0.321
335	ST	W16X36	2.00	0.107
336	ST	W16X36	2.00	0.107
337	ST	W14X34	6.00	0.303
338	ST	W14X34	6.00	0.303
339	ST	W16X36	2.00	0.107
340	ST	W16X36	2.00	0.107
341	ST	W14X34	6.00	0.303
342	ST	W14X34	6.00	0.303
343	ST	W16X36	2.00	0.107
344	ST	W16X36	2.00	0.107
345	ST	W14X34	6.00	0.303
346	ST	W14X34	6.00	0.303
347	ST	W16X36	2.00	0.107
348	ST	W16X36	2.00	0.107
349	ST	W14X34	6.00	0.303
350	ST	W14X34	6.00	0.303
351	ST	W16X36	2.00	0.107
352	ST	W16X36	2.00	0.107
353	ST	W14X34	6.00	0.303
354	ST	W14X34	6.00	0.303
355	ST	W18X65	2.00	0.193
356	ST	W18X65	2.00	0.193
357	ST	W18X65	2.00	0.193
358	ST	W18X65	2.00	0.193
359	ST	W8X40	2.00	0.118
360	ST	W8X40	2.00	0.118
361	ST	W18X65	2.00	0.193
362	ST	W18X65	2.00	0.193
363	ST	W18X65	2.00	0.193
364	ST	W18X65	2.00	0.193
365	ST	W8X40	2.00	0.118
366	ST	W8X40	2.00	0.118
367	ST	W18X65	2.00	0.193
368	ST	W18X65	2.00	0.193
369	ST	W18X65	2.00	0.193
370	ST	W18X65	2.00	0.193
371	ST	W8X40	2.00	0.118
372	ST	W8X40	2.00	0.118
373	ST	W18X65	2.00	0.193

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374	ST	W18X65	2.00	0.193
375	ST	W18X65	2.00	0.193
376	ST	W18X65	2.00	0.193
377	ST	W8X40	2.00	0.118
378	ST	W8X40	2.00	0.118
379	ST	W14X90	3.90	0.522
380	ST	W14X90	3.90	0.522
381	ST	W16X36	2.00	0.107
382	ST	W14X90	3.90	0.522
383	ST	W14X90	3.90	0.522
384	ST	W16X36	2.00	0.107
385	ST	W16X36	6.00	0.321
386	ST	W16X36	6.00	0.321
387	ST	W16X36	2.00	0.107
388	ST	W16X36	2.00	0.107
389	ST	W16X36	2.00	0.107
390	ST	W16X36	0.50	0.027
391	ST	W14X34	6.00	0.303
392	ST	W14X34	6.00	0.303
393	ST	W14X90	3.90	0.522
394	ST	W16X36	2.00	0.107
395	ST	W14X90	3.90	0.522
396	ST	W16X36	2.00	0.107
397	ST	W16X36	6.00	0.321
398	ST	W16X36	2.00	0.107
399	ST	W16X36	2.00	0.107
400	ST	W16X36	2.00	0.107
401	ST	W16X36	2.00	0.107
402	ST	W14X34	6.00	0.303
403	ST	W14X34	6.00	0.303
404	ST	W14X90	3.90	0.522
405	ST	W16X36	2.00	0.107
406	ST	W14X90	3.90	0.522
407	ST	W16X36	2.00	0.107
408	ST	W16X36	6.00	0.321
409	ST	W16X36	2.00	0.107
410	ST	W16X36	2.00	0.107
411	ST	W16X36	2.00	0.107
412	ST	W16X36	2.00	0.107
413	ST	W14X34	6.00	0.303
414	ST	W14X34	6.00	0.303
415	ST	W14X90	3.90	0.522
416	ST	W16X36	2.00	0.107
417	ST	W14X90	3.90	0.522
418	ST	W16X36	2.00	0.107
419	ST	W16X36	6.00	0.321
420	ST	W16X36	2.00	0.107
421	ST	W16X36	2.00	0.107
422	ST	W16X36	2.00	0.107
423	ST	W16X36	2.00	0.107
424	ST	W14X34	6.00	0.303
425	ST	W14X34	6.00	0.303
426	ST	W14X90	3.90	0.522
427	ST	W16X36	1.50	0.080
428	ST	W14X90	3.90	0.522
429	ST	W16X36	1.50	0.080

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430	ST	W16X36	3.00	0.161
431	ST	W16X36	4.50	0.241
433	ST	W16X36	2.00	0.107
434	ST	W16X36	2.00	0.107
435	ST	W14X34	3.00	0.152
436	ST	W14X34	3.00	0.152
437	ST	W14X90	3.90	0.522
438	ST	W14X90	3.90	0.522
439	ST	W16X36	2.00	0.107
440	ST	W16X36	3.00	0.161
441	ST	W16X36	6.00	0.321
442	ST	W16X36	2.00	0.107
443	ST	W16X36	0.50	0.027
444	ST	W14X34	3.00	0.152
445	ST	W14X34	3.00	0.152
446	ST	W14X90	3.90	0.522
447	ST	W16X36	2.00	0.107
448	ST	W16X36	6.00	0.321
449	ST	W16X36	2.00	0.107
450	ST	W16X36	2.00	0.107
451	ST	W14X34	6.00	0.303
452	ST	W14X34	6.00	0.303
453	ST	W14X90	3.90	0.522
454	ST	W16X36	2.00	0.107
455	ST	W16X36	6.00	0.321
456	ST	W16X36	2.00	0.107
457	ST	W16X36	2.00	0.107
458	ST	W14X34	6.00	0.303
459	ST	W14X34	6.00	0.303
460	ST	W14X90	3.90	0.522
461	ST	W16X36	2.00	0.107
462	ST	W16X36	6.00	0.321
463	ST	W16X36	2.00	0.107
464	ST	W16X36	2.00	0.107
465	ST	W14X34	6.00	0.303
466	ST	W14X34	6.00	0.303
467	ST	W14X90	3.90	0.522
468	ST	W16X36	2.00	0.107
469	ST	W16X36	6.00	0.321
470	ST	W16X36	2.00	0.107
471	ST	W16X36	2.00	0.107
472	ST	W14X34	6.00	0.303
473	ST	W14X34	6.00	0.303
474	ST	W14X90	3.90	0.522
475	ST	W14X90	3.90	0.522
476	ST	W16X36	2.00	0.107
477	ST	W16X36	6.00	0.321
478	ST	W16X36	6.00	0.321
479	ST	W16X36	2.00	0.107
480	ST	W16X36	2.00	0.107
481	ST	W14X34	6.00	0.303
482	ST	W14X34	6.00	0.303
483	ST	W14X90	3.90	0.522
484	ST	W16X36	2.00	0.107
485	ST	W16X36	6.00	0.321
486	ST	W16X36	2.00	0.107

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487	ST	W16X36	2.00	0.107
488	ST	W14X34	6.00	0.303
489	ST	W14X34	6.00	0.303
490	ST	W14X90	3.90	0.522
492	ST	W16X36	6.00	0.321
497	ST	W14X90	3.90	0.522
498	ST	W16X36	2.00	0.107
499	ST	W16X36	6.00	0.321
500	ST	W16X36	2.00	0.107
501	ST	W16X36	2.00	0.107
502	ST	W14X34	6.00	0.303
503	ST	W14X34	6.00	0.303
504	ST	W14X90	3.90	0.522
505	ST	W16X36	2.00	0.107
506	ST	W16X36	6.00	0.321
507	ST	W16X36	2.00	0.107
508	ST	W16X36	2.00	0.107
509	ST	W14X34	6.00	0.303
510	ST	W14X34	6.00	0.303
511	ST	W14X90	3.90	0.522
512	ST	W14X90	3.90	0.522
513	ST	W16X36	2.00	0.107
514	ST	W16X36	6.00	0.321
515	ST	W16X36	6.00	0.321
516	ST	W16X36	2.00	0.107
517	ST	W16X36	2.00	0.107
518	ST	W14X34	6.00	0.303
519	ST	W14X34	6.00	0.303
520	ST	W14X90	3.90	0.522
521	ST	W16X36	2.00	0.107
522	ST	W16X36	6.00	0.321
523	ST	W16X36	2.00	0.107
524	ST	W16X36	2.00	0.107
525	ST	W14X34	6.00	0.303
526	ST	W14X34	6.00	0.303
527	ST	W14X90	3.90	0.522
529	ST	W16X36	6.00	0.321
534	ST	W14X90	3.90	0.522
535	ST	W16X36	2.00	0.107
536	ST	W16X36	6.00	0.321
537	ST	W16X36	2.00	0.107
538	ST	W16X36	2.00	0.107
539	ST	W14X34	6.00	0.303
540	ST	W14X34	6.00	0.303
541	ST	W14X90	3.90	0.522
542	ST	W16X36	2.00	0.107
543	ST	W16X36	6.00	0.321
544	ST	W16X36	2.00	0.107
545	ST	W16X36	2.00	0.107
546	ST	W14X34	6.00	0.303
547	ST	W14X34	6.00	0.303
548	ST	W14X90	3.90	0.522
549	ST	W14X90	3.90	0.522
550	ST	W16X36	2.00	0.107
551	ST	W16X36	6.00	0.321
552	ST	W16X36	6.00	0.321

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553	ST	W16X36	2.00	0.107
554	ST	W16X36	2.00	0.107
555	ST	W14X34	6.00	0.303
556	ST	W14X34	6.00	0.303
557	ST	W14X90	3.90	0.522
558	ST	W16X36	2.00	0.107
559	ST	W16X36	6.00	0.321
560	ST	W16X36	2.00	0.107
561	ST	W16X36	2.00	0.107
562	ST	W14X34	6.00	0.303
563	ST	W14X34	6.00	0.303
564	ST	W14X90	3.90	0.522
565	ST	W16X36	2.00	0.107
566	ST	W16X36	6.00	0.321
567	ST	W16X36	2.00	0.107
568	ST	W16X36	2.00	0.107
571	ST	W14X90	3.90	0.522
572	ST	W16X36	2.00	0.107
573	ST	W16X36	6.00	0.321
574	ST	W16X36	2.00	0.107
575	ST	W16X36	2.00	0.107
576	ST	W14X34	6.00	0.303
577	ST	W14X34	6.00	0.303
578	ST	W14X90	3.90	0.522
579	ST	W16X36	2.00	0.107
580	ST	W16X36	6.00	0.321
581	ST	W16X36	2.00	0.107
582	ST	W16X36	2.00	0.107
583	ST	W14X34	6.00	0.303
584	ST	W14X34	6.00	0.303
585	ST	W14X90	3.90	0.522
586	ST	W14X90	3.90	0.522
587	ST	W16X36	2.00	0.107
588	ST	W16X36	6.00	0.321
589	ST	W16X36	6.00	0.321
590	ST	W16X36	2.00	0.107
591	ST	W16X36	2.00	0.107
592	ST	W14X34	6.00	0.303
593	ST	W14X34	6.00	0.303
594	ST	W14X90	3.90	0.522
595	ST	W16X36	2.00	0.107
596	ST	W16X36	3.00	0.161
597	ST	W16X36	2.00	0.107
598	ST	W16X36	2.00	0.107
599	ST	W14X34	6.00	0.303
600	ST	W14X34	6.00	0.303
601	ST	W14X90	3.90	0.522
602	ST	W16X36	2.00	0.107
603	ST	W16X36	3.00	0.161
604	ST	W16X36	2.00	0.107
605	ST	W16X36	2.00	0.107
608	ST	W14X90	3.90	0.522
609	ST	W16X36	2.00	0.107
610	ST	W16X36	6.00	0.321
611	ST	W16X36	2.00	0.107
612	ST	W16X36	2.00	0.107

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613	ST	W14X34	6.00	0.303
614	ST	W14X34	6.00	0.303
615	ST	W14X90	3.90	0.522
616	ST	W16X36	2.00	0.107
617	ST	W16X36	6.00	0.321
618	ST	W16X36	2.00	0.107
619	ST	W16X36	2.00	0.107
620	ST	W14X34	6.00	0.303
621	ST	W14X34	6.00	0.303
622	ST	W14X90	3.90	0.522
623	ST	W14X90	3.90	0.522
624	ST	W16X36	2.00	0.107
625	ST	W16X36	6.00	0.321
626	ST	W16X36	6.00	0.321
627	ST	W16X36	2.00	0.107
628	ST	W16X36	2.00	0.107
629	ST	W14X34	6.00	0.303
630	ST	W14X34	6.00	0.303
631	ST	W14X90	3.90	0.522
632	ST	W16X36	2.00	0.107
633	ST	W16X36	6.00	0.321
634	ST	W16X36	2.00	0.107
635	ST	W16X36	2.00	0.107
636	ST	W14X34	6.00	0.303
637	ST	W14X34	6.00	0.303
638	ST	W14X90	3.90	0.522
639	ST	W16X36	2.00	0.107
640	ST	W16X36	6.00	0.321
641	ST	W16X36	2.00	0.107
642	ST	W16X36	2.00	0.107
645	ST	W14X90	3.90	0.522
646	ST	W16X36	2.00	0.107
647	ST	W16X36	6.00	0.321
648	ST	W16X36	2.00	0.107
649	ST	W16X36	2.00	0.107
650	ST	W14X34	6.00	0.303
651	ST	W14X34	6.00	0.303
652	ST	W14X90	3.90	0.522
653	ST	W16X36	2.00	0.107
654	ST	W16X36	6.00	0.321
655	ST	W16X36	2.00	0.107
656	ST	W16X36	2.00	0.107
657	ST	W14X34	6.00	0.303
658	ST	W14X34	6.00	0.303
659	ST	W14X90	3.90	0.522
660	ST	W14X90	3.90	0.522
661	ST	W16X36	2.00	0.107
662	ST	W16X36	6.00	0.321
663	ST	W16X36	6.00	0.321
664	ST	W16X36	2.00	0.107
665	ST	W16X36	2.00	0.107
666	ST	W14X34	6.00	0.303
667	ST	W14X34	6.00	0.303
668	ST	W14X90	3.90	0.522
669	ST	W16X36	2.00	0.107
670	ST	W16X36	6.00	0.321

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671	ST	W16X36	2.00	0.107
672	ST	W16X36	2.00	0.107
673	ST	W14X34	6.00	0.303
674	ST	W14X34	6.00	0.303
675	ST	W14X90	3.90	0.522
676	ST	W16X36	2.00	0.107
677	ST	W16X36	6.00	0.321
678	ST	W16X36	2.00	0.107
679	ST	W16X36	2.00	0.107
680	ST	W14X34	6.00	0.303
681	ST	W14X34	6.00	0.303
682	ST	W14X90	3.90	0.522
683	ST	W16X36	2.00	0.107
684	ST	W16X36	6.00	0.321
685	ST	W16X36	2.00	0.107
686	ST	W16X36	2.00	0.107
687	ST	W14X34	6.00	0.303
688	ST	W14X34	6.00	0.303
689	ST	W14X90	3.90	0.522
690	ST	W16X36	2.00	0.107
691	ST	W16X36	6.00	0.321
692	ST	W16X36	2.00	0.107
693	ST	W16X36	2.00	0.107
694	ST	W14X34	6.00	0.303
695	ST	W14X34	6.00	0.303
696	ST	W14X90	3.90	0.522
697	ST	W14X90	3.90	0.522
698	ST	W16X36	2.00	0.107
699	ST	W16X36	6.00	0.321
700	ST	W16X36	6.00	0.321
701	ST	W16X36	2.00	0.107
702	ST	W16X36	2.00	0.107
703	ST	W14X34	6.00	0.303
704	ST	W14X34	6.00	0.303
705	ST	W14X90	3.90	0.522
706	ST	W16X36	2.00	0.107
707	ST	W16X36	6.00	0.321
708	ST	W16X36	2.00	0.107
709	ST	W16X36	2.00	0.107
710	ST	W14X34	6.00	0.303
711	ST	W14X34	6.00	0.303
712	ST	W14X90	3.90	0.522
713	ST	W16X36	2.00	0.107
714	ST	W16X36	6.00	0.321
715	ST	W16X36	2.00	0.107
716	ST	W16X36	2.00	0.107
717	ST	W14X34	6.00	0.303
718	ST	W14X34	6.00	0.303
719	ST	W14X90	3.90	0.522
720	ST	W16X36	2.00	0.107
721	ST	W16X36	6.00	0.321
722	ST	W16X36	2.00	0.107
723	ST	W16X36	2.00	0.107
724	ST	W14X34	6.00	0.303
725	ST	W14X34	6.00	0.303
726	ST	W14X90	3.90	0.522

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727	ST	W16X36	2.00	0.107
728	ST	W16X36	6.00	0.321
729	ST	W16X36	2.00	0.107
730	ST	W16X36	2.00	0.107
731	ST	W14X34	6.00	0.303
732	ST	W14X34	6.00	0.303
733	ST	W16X36	3.00	0.161
734	ST	W16X36	3.00	0.161
735	ST	W14X34	3.00	0.152
736	ST	W14X34	3.00	0.152
737	ST	W16X36	1.50	0.080
738	ST	W16X36	1.50	0.080
739	ST	W16X36	3.00	0.161
740	ST	W14X34	3.00	0.152
741	ST	W14X34	2.00	0.101
742	ST	W14X34	2.50	0.126
744	ST	W16X36	0.50	0.027
745	ST	W14X34	3.00	0.152
746	ST	W16X36	3.00	0.161
747	ST	W14X34	2.50	0.126
748	ST	W14X34	2.00	0.101
750	ST	W16X36	0.50	0.027
751	ST	W14X34	3.00	0.152
752	ST	W16X36	3.00	0.161
753	ST	W14X34	2.25	0.114
754	ST	W14X34	2.25	0.114
755	ST	W16X36	0.25	0.013
757	ST	W16X36	2.00	0.107
758	ST	W16X36	2.00	0.107
760	ST	W16X36	2.00	0.107
761	ST	W16X36	2.00	0.107
762	ST	W16X36	2.00	0.107
764	ST	W16X36	4.00	0.214
765	ST	W16X36	2.00	0.107
766	ST	W16X36	4.00	0.214
771	ST	W16X36	2.00	0.107
772	ST	W16X36	2.00	0.107
775	ST	W16X36	2.00	0.107
777	ST	W16X36	2.00	0.107
779	ST	W16X36	2.00	0.107
780	ST	W16X36	2.00	0.107
783	ST	W16X36	2.00	0.107
784	ST	W16X36	2.00	0.107
787	ST	W16X36	2.00	0.107
788	ST	W16X36	2.00	0.107

-----  
TOTAL = 178.201

\*\*\*\*\* END OF DATA FROM INTERNAL STORAGE \*\*\*\*\*

- 586. PARAMETER 4
- 587. CODE AISC UNIFIED 2010
- 588. STEEL TAKE OFF ALL



STAAD SPACE

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## STEEL TAKE-OFF

-----

PROFILE	LENGTH(METE)	WEIGHT (MTON)
ST W14X90	414.00	55.445
ST W16X36	1206.00	64.606
ST W14X34	970.50	49.047
ST W21X44	36.00	2.365
ST W18X65	60.00	5.792
ST W8X40	16.00	0.946
	-----	
	TOTAL =	178.201

\*\*\*\*\* END OF DATA FROM INTERNAL STORAGE \*\*\*\*\*

589. FINISH

\*\*\*\*\* END OF THE STAAD.Pro RUN \*\*\*\*\*

\*\*\*\* DATE= MAR 7,2018 TIME= 22:19:25 \*\*\*\*

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*****
*   For technical assistance on STAAD.Pro, please visit   *
*   http://selectservices.bentley.com/en-US/             *
*                                                         *
*   Details about additional assistance from              *
*   Bentley and Partners can be found at program menu    *
*   Help->Technical Support                               *
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