

TABLE: Steel Design 1 - Summary Data - AISC 360-10									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	m	Text	Text
40	TUBO 8" SCH 40	Beam	No Messages	0.018685	PMM	RESIST III-	1.11077	No Messages	No Messages
51	TUBO 8" SCH 40	Beam	No Messages	0.016307	PMM	RESIST III+	1.11077	No Messages	No Messages
96	TUBO 8" SCH 40	Beam	No Messages	0.497323	PMM	RESIST III-	1.11077	No Messages	No Messages
97	TUBO 8" SCH 40	Beam	No Messages	0.232138	PMM	RESIST III+	0.55538	No Messages	No Messages
98	TUBO 8" SCH 40	Beam	No Messages	0.213846	PMM	RESIST III-	0.55538	No Messages	No Messages
99	TUBO 8" SCH 40	Beam	No Messages	0.197051	PMM	RESIST III-	0.55538	No Messages	No Messages
100	TUBO 8" SCH 40	Beam	No Messages	0.181081	PMM	RESIST III+	0.55538	No Messages	No Messages
101	TUBO 8" SCH 40	Beam	No Messages	0.165994	PMM	RESIST III+	0.55538	No Messages	No Messages
102	TUBO 8" SCH 40	Beam	No Messages	0.151363	PMM	RESIST III-	0.55538	No Messages	No Messages
103	TUBO 8" SCH 40	Beam	No Messages	0.136968	PMM	RESIST III+	0.55538	No Messages	No Messages
104	TUBO 8" SCH 40	Beam	No Messages	0.12275	PMM	RESIST III+	0.55538	No Messages	No Messages
105	TUBO 8" SCH 40	Beam	No Messages	0.108649	PMM	RESIST III-	0.55538	No Messages	No Messages
106	TUBO 8" SCH 40	Beam	No Messages	0.094567	PMM	RESIST III-	0.55538	No Messages	No Messages
107	TUBO 8" SCH 40	Beam	No Messages	0.080538	PMM	RESIST III-	0.55538	No Messages	No Messages
108	TUBO 8" SCH 40	Beam	No Messages	0.066609	PMM	RESIST III+	0.55538	No Messages	No Messages
109	TUBO 8" SCH 40	Beam	No Messages	0.05287	PMM	RESIST III-	0.55538	No Messages	No Messages
110	TUBO 8" SCH 40	Beam	No Messages	0.039509	PMM	RESIST III-	0.55538	No Messages	No Messages
111	TUBO 8" SCH 40	Beam	No Messages	0.027076	PMM	RESIST III-	0.55538	No Messages	No Messages
112	TUBO 8" SCH 40	Beam	No Messages	0.020044	PMM	RESIST I	0.55538	No Messages	No Messages
113	TUBO 8" SCH 40	Beam	No Messages	0.020043	PMM	RESIST I	0.55538	No Messages	No Messages
114	TUBO 8" SCH 40	Beam	No Messages	0.027013	PMM	RESIST III-	0.55538	No Messages	No Messages
115	TUBO 8" SCH 40	Beam	No Messages	0.039437	PMM	RESIST III-	0.55538	No Messages	No Messages
116	TUBO 8" SCH 40	Beam	No Messages	0.052797	PMM	RESIST III-	0.55538	No Messages	No Messages
117	TUBO 8" SCH 40	Beam	No Messages	0.066539	PMM	RESIST III+	0.55538	No Messages	No Messages
118	TUBO 8" SCH 40	Beam	No Messages	0.08047	PMM	RESIST III-	0.55538	No Messages	No Messages
119	TUBO 8" SCH 40	Beam	No Messages	0.094503	PMM	RESIST III+	0.55538	No Messages	No Messages
120	TUBO 8" SCH 40	Beam	No Messages	0.108589	PMM	RESIST III-	0.55538	No Messages	No Messages
121	TUBO 8" SCH 40	Beam	No Messages	0.122693	PMM	RESIST III-	0.55538	No Messages	No Messages
122	TUBO 8" SCH 40	Beam	No Messages	0.136956	PMM	RESIST III-	0.55538	No Messages	No Messages
123	TUBO 8" SCH 40	Beam	No Messages	0.15135	PMM	RESIST III-	0.55538	No Messages	No Messages
124	TUBO 8" SCH 40	Beam	No Messages	0.16598	PMM	RESIST III-	0.55538	No Messages	No Messages
125	TUBO 8" SCH 40	Beam	No Messages	0.18107	PMM	RESIST III+	0.55538	No Messages	No Messages
126	TUBO 8" SCH 40	Beam	No Messages	0.197049	PMM	RESIST III+	0.55538	No Messages	No Messages
127	TUBO 8" SCH 40	Beam	No Messages	0.213864	PMM	RESIST III+	0.55538	No Messages	No Messages
128	TUBO 8" SCH 40	Beam	No Messages	0.232193	PMM	RESIST III-	0.55538	No Messages	No Messages
129	TUBO 8" SCH 40	Beam	No Messages	0.497743	PMM	RESIST III-	1.11077	No Messages	No Messages
139	TUBO 8" SCH 40	Beam	No Messages	0.006567	PMM	RESIST I	0.55538	No Messages	No Messages
57	TUBO 8" SCH 40	Column	No Messages	0.841208	PMM	RESIST III+	0	No Messages	No Messages
59	TUBO 8" SCH 40	Column	No Messages	0.841208	PMM	RESIST III-	0	No Messages	No Messages
131	TUBO 8" SCH 40	Column	No Messages	0.890628	PMM	RESIST III+	0	No Messages	No Messages
134	TUBO 8" SCH 40	Column	No Messages	0.890628	PMM	RESIST III-	0	No Messages	No Messages
137	TUBO 8" SCH 40	Beam	No Messages	0.215625	PMM	RESIST III+	2.6016	No Messages	No Messages
138	TUBO 8" SCH 40	Beam	No Messages	0.406104	PMM	RESIST III+	0	No Messages	No Messages
140	TUBO 8" SCH 40	Beam	No Messages	0.202974	PMM	RESIST III+	0	No Messages	No Messages
141	TUBO 8" SCH 40	Beam	No Messages	0.164064	PMM	RESIST III+	0	No Messages	No Messages
142	TUBO 8" SCH 40	Beam	No Messages	0.126167	PMM	RESIST III+	0	No Messages	No Messages
143	TUBO 8" SCH 40	Beam	No Messages	0.091443	PMM	RESIST III+	0	No Messages	No Messages
144	TUBO 8" SCH 40	Beam	No Messages	0.060337	PMM	RESIST III-	0	No Messages	No Messages
145	TUBO 8" SCH 40	Beam	No Messages	0.074744	PMM	RESIST III-	2.5	No Messages	No Messages
216	TUBO 8" SCH 40	Beam	No Messages	0.088961	PMM	RESIST III-	2.5	No Messages	No Messages
217	TUBO 8" SCH 40	Beam	No Messages	0.102214	PMM	RESIST III-	2.5	No Messages	No Messages
218	TUBO 8" SCH 40	Beam	No Messages	0.11418	PMM	RESIST III-	2.5	No Messages	No Messages
219	TUBO 8" SCH 40	Beam	No Messages	0.124608	PMM	RESIST III-	2.5	No Messages	No Messages
220	TUBO 8" SCH 40	Beam	No Messages	0.133315	PMM	RESIST III-	2.5	No Messages	No Messages
221	TUBO 8" SCH 40	Beam	No Messages	0.140173	PMM	RESIST III-	2.5	No Messages	No Messages
222	TUBO 8" SCH 40	Beam	No Messages	0.145095	PMM	RESIST III-	2.5	No Messages	No Messages
223	TUBO 8" SCH 40	Beam	No Messages	0.148377	PMM	RESIST III-	2	No Messages	No Messages
224	TUBO 8" SCH 40	Beam	No Messages	0.151064	PMM	RESIST III-	1.5	No Messages	No Messages
225	TUBO 8" SCH 40	Beam	No Messages	0.154724	PMM	RESIST III-	1.25	No Messages	No Messages
226	TUBO 8" SCH 40	Beam	No Messages	0.154713	PMM	RESIST III-	0	No Messages	No Messages
227	TUBO 8" SCH 40	Beam	No Messages	0.151115	PMM	RESIST III-	1	No Messages	No Messages
228	TUBO 8" SCH 40	Beam	No Messages	0.148461	PMM	RESIST III-	0.5	No Messages	No Messages

229	TUBO 8" SCH 40	Beam	No Messages	0.145192	PMM	RESIST III-	0	No Messages	No Messages
230	TUBO 8" SCH 40	Beam	No Messages	0.140297	PMM	RESIST III-	0	No Messages	No Messages
231	TUBO 8" SCH 40	Beam	No Messages	0.133452	PMM	RESIST III-	0	No Messages	No Messages
232	TUBO 8" SCH 40	Beam	No Messages	0.124746	PMM	RESIST III-	0	No Messages	No Messages
233	TUBO 8" SCH 40	Beam	No Messages	0.114303	PMM	RESIST III-	0	No Messages	No Messages
234	TUBO 8" SCH 40	Beam	No Messages	0.102308	PMM	RESIST III-	0	No Messages	No Messages
235	TUBO 8" SCH 40	Beam	No Messages	0.089013	PMM	RESIST III-	0	No Messages	No Messages
236	TUBO 8" SCH 40	Beam	No Messages	0.074746	PMM	RESIST III-	0	No Messages	No Messages
237	TUBO 8" SCH 40	Beam	No Messages	0.060223	PMM	RESIST III-	2.5	No Messages	No Messages
238	TUBO 8" SCH 40	Beam	No Messages	0.091238	PMM	RESIST III+	2.5	No Messages	No Messages
239	TUBO 8" SCH 40	Beam	No Messages	0.12597	PMM	RESIST III+	2.5	No Messages	No Messages
240	TUBO 8" SCH 40	Beam	No Messages	0.163896	PMM	RESIST III+	2.5	No Messages	No Messages
241	TUBO 8" SCH 40	Beam	No Messages	0.202875	PMM	RESIST III+	2.5	No Messages	No Messages
242	TUBO 8" SCH 40	Beam	No Messages	0.405887	PMM	RESIST III+	2.5	No Messages	No Messages
243	TUBO 8" SCH 40	Beam	No Messages	0.219787	PMM	RESIST III+	0	No Messages	No Messages
246	TUBO 8" SCH 40	Beam	No Messages	0.215625	PMM	RESIST III-	2.6016	No Messages	No Messages
247	TUBO 8" SCH 40	Beam	No Messages	0.406104	PMM	RESIST III-	0	No Messages	No Messages
248	TUBO 8" SCH 40	Beam	No Messages	0.202974	PMM	RESIST III-	0	No Messages	No Messages
249	TUBO 8" SCH 40	Beam	No Messages	0.164064	PMM	RESIST III-	0	No Messages	No Messages
250	TUBO 8" SCH 40	Beam	No Messages	0.126167	PMM	RESIST III-	0	No Messages	No Messages
251	TUBO 8" SCH 40	Beam	No Messages	0.091443	PMM	RESIST III-	0	No Messages	No Messages
252	TUBO 8" SCH 40	Beam	No Messages	0.060337	PMM	RESIST III+	0	No Messages	No Messages
253	TUBO 8" SCH 40	Beam	No Messages	0.074744	PMM	RESIST III+	2.5	No Messages	No Messages
254	TUBO 8" SCH 40	Beam	No Messages	0.088961	PMM	RESIST III+	2.5	No Messages	No Messages
255	TUBO 8" SCH 40	Beam	No Messages	0.102214	PMM	RESIST III+	2.5	No Messages	No Messages
256	TUBO 8" SCH 40	Beam	No Messages	0.11418	PMM	RESIST III+	2.5	No Messages	No Messages
257	TUBO 8" SCH 40	Beam	No Messages	0.124608	PMM	RESIST III+	2.5	No Messages	No Messages
258	TUBO 8" SCH 40	Beam	No Messages	0.133315	PMM	RESIST III+	2.5	No Messages	No Messages
259	TUBO 8" SCH 40	Beam	No Messages	0.140173	PMM	RESIST III+	2.5	No Messages	No Messages
260	TUBO 8" SCH 40	Beam	No Messages	0.145095	PMM	RESIST III+	2.5	No Messages	No Messages
261	TUBO 8" SCH 40	Beam	No Messages	0.148377	PMM	RESIST III+	2	No Messages	No Messages
262	TUBO 8" SCH 40	Beam	No Messages	0.151064	PMM	RESIST III+	1.5	No Messages	No Messages
263	TUBO 8" SCH 40	Beam	No Messages	0.154724	PMM	RESIST III+	1.25	No Messages	No Messages
264	TUBO 8" SCH 40	Beam	No Messages	0.154713	PMM	RESIST III+	0	No Messages	No Messages
265	TUBO 8" SCH 40	Beam	No Messages	0.151115	PMM	RESIST III+	1	No Messages	No Messages
266	TUBO 8" SCH 40	Beam	No Messages	0.148461	PMM	RESIST III+	0.5	No Messages	No Messages
267	TUBO 8" SCH 40	Beam	No Messages	0.145192	PMM	RESIST III+	0	No Messages	No Messages
268	TUBO 8" SCH 40	Beam	No Messages	0.140297	PMM	RESIST III+	0	No Messages	No Messages
269	TUBO 8" SCH 40	Beam	No Messages	0.133452	PMM	RESIST III+	0	No Messages	No Messages
270	TUBO 8" SCH 40	Beam	No Messages	0.124746	PMM	RESIST III+	0	No Messages	No Messages
271	TUBO 8" SCH 40	Beam	No Messages	0.114303	PMM	RESIST III+	0	No Messages	No Messages
272	TUBO 8" SCH 40	Beam	No Messages	0.102308	PMM	RESIST III+	0	No Messages	No Messages
273	TUBO 8" SCH 40	Beam	No Messages	0.089013	PMM	RESIST III+	0	No Messages	No Messages
274	TUBO 8" SCH 40	Beam	No Messages	0.074746	PMM	RESIST III+	0	No Messages	No Messages
275	TUBO 8" SCH 40	Beam	No Messages	0.060223	PMM	RESIST III+	2.5	No Messages	No Messages
276	TUBO 8" SCH 40	Beam	No Messages	0.091238	PMM	RESIST III-	2.5	No Messages	No Messages
277	TUBO 8" SCH 40	Beam	No Messages	0.12597	PMM	RESIST III-	2.5	No Messages	No Messages
278	TUBO 8" SCH 40	Beam	No Messages	0.163896	PMM	RESIST III-	2.5	No Messages	No Messages
279	TUBO 8" SCH 40	Beam	No Messages	0.202875	PMM	RESIST III-	2.5	No Messages	No Messages
280	TUBO 8" SCH 40	Beam	No Messages	0.405887	PMM	RESIST III-	2.5	No Messages	No Messages
281	TUBO 8" SCH 40	Beam	No Messages	0.219787	PMM	RESIST III-	0	No Messages	No Messages
283	TUBO 8" SCH 40	Beam	No Messages	0.322571	PMM	RESIST III-	1.11077	No Messages	No Messages
284	TUBO 8" SCH 40	Beam	No Messages	0.317751	PMM	RESIST III+	0	No Messages	No Messages
245	TUBO 8" SCH 40	Brace	No Messages	0.594354	PMM	RESIST III+	2.80938	No Messages	No Messages
282	TUBO 8" SCH 40	Brace	No Messages	0.594354	PMM	RESIST III-	2.80938	No Messages	No Messages
285	TUBO 8" SCH 40	Brace	No Messages	0.594898	PMM	RESIST III+	2.80938	No Messages	No Messages
286	TUBO 8" SCH 40	Brace	No Messages	0.594898	PMM	RESIST III-	2.80938	No Messages	No Messages
37	TUBO 8" SCH 40	Brace	No Messages	0.259967	PMM	RESIST III+	0	No Messages	No Messages
41	TUBO 8" SCH 40	Brace	No Messages	0.259967	PMM	RESIST III-	1.53561	No Messages	No Messages
46	TUBO 8" SCH 40	Brace	No Messages	0.246601	PMM	RESIST III+	0	No Messages	No Messages
47	TUBO 8" SCH 40	Brace	No Messages	0.246601	PMM	RESIST III-	0	No Messages	No Messages
44	TUBO 8" SCH 40	Column	No Messages	0.805676	PMM	RESIST I	0	No Messages	No Messages
45	TUBO 8" SCH 40	Column	No Messages	0.814536	PMM	RESIST I	3.11667	No Messages	No Messages
48	TUBO 8" SCH 40	Column	No Messages	0.846561	PMM	RESIST I	3.11667	No Messages	No Messages
49	TUBO 8" SCH 40	Column	No Messages	0.805676	PMM	RESIST I	0	No Messages	No Messages

50	TUBO 8" SCH 40	Column	No Messages	0.814536	PMM	RESIST I	3.11667	No Messages	No Messages
52	TUBO 8" SCH 40	Column	No Messages	0.846561	PMM	RESIST I	3.11667	No Messages	No Messages
53	TUBO 8" SCH 40	Column	No Messages	0.66257	PMM	RESIST I	0	No Messages	No Messages
54	TUBO 8" SCH 40	Column	No Messages	0.660054	PMM	RESIST I	3.11667	No Messages	No Messages
55	TUBO 8" SCH 40	Column	No Messages	0.687127	PMM	RESIST I	3.11667	No Messages	No Messages
56	TUBO 8" SCH 40	Column	No Messages	0.66257	PMM	RESIST I	0	No Messages	No Messages
58	TUBO 8" SCH 40	Column	No Messages	0.660054	PMM	RESIST I	3.11667	No Messages	No Messages
130	TUBO 8" SCH 40	Column	No Messages	0.687127	PMM	RESIST I	3.11667	No Messages	No Messages
133	TUBO 8" SCH 40	Beam	No Messages	0.004381	PMM	RESIST III+	1.11077	No Messages	No Messages
135	TUBO 8" SCH 40	Beam	No Messages	0.033704	PMM	RESIST III+	0	No Messages	No Messages
136	TUBO 8" SCH 40	Beam	No Messages	0.004356	PMM	E EXT I Y+	0	No Messages	No Messages
244	TUBO 8" SCH 40	Beam	No Messages	0.033641	PMM	RESIST III+	0	No Messages	No Messages