Utilization Ratio

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (cm^2)	Iz (cm^4)	Iy (cm^4)	Ix (cm^4)
1	WT6X95	WT6X95	0.149	1.000	0.149	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
2	L40405 LD	L40405 LDL	0.850	1.000	0.850	AISC- H1-1	5	31.045	309.642	559.004	6.541
3	L40405 LD	L40405 LDL	0.256	1.000	0.256	AISC- H1-1	3	31.045	309.642	559.004	6.541
4	L20202 LD	L20202 LDL	0.161	1.000	0.161	TENSION	3	6.245	15.813	27.860	0.210
5	L40405 LD	L40405 LDL	0.778	1.000	0.778	AISC- H1-1	5	31.045	309.642	559.004	6.541
6	L20202 LD	L20202 LDL	0.224	1.000	0.224	TENSION	3	6.245	15.813	27.860	0.210
7	L40405 LD	L40405 LDL	0.658	1.000	0.658	AISC- H1-1	5	31.045	309.642	559.004	6.541
8	L20202 LD	L20202 LDL	0.211	1.000	0.211	TENSION	3	6.245	15.813	27.860	0.210
9	L40405 LD	L40405 LDL	0.559	1.000	0.559	AISC- H1-1	5	31.045	309.642	559.004	6.541
10	L20202 LD	L20202 LDL	0.210	1.000	0.210	TENSION	3	6.245	15.813	27.860	0.210
11	L40405 LD	L40405 LDL	0.464	1.000	0.464	AISC- H1-1	5	31.045	309.642	559.004	6.541
12	L20202 LD	L20202 LDL	0.192	1.000	0.192	TENSION	3	6.245	15.813	27.860	0.210
13	L40405 LD	L40405 LDL	0.376	1.000	0.376	AISC- H1-1	5	31.045	309.642	559.004	6.541
14	L20202 LD	L20202 LDL	0.225	1.000	0.225	TENSION	3	6.245	15.813	27.860	0.210
15	L40405 LD	L40405 LDL	0.301	1.000	0.301	AISC- H1-1	5	31.045	309.642	559.004	6.541
16	L20202 LD	L20202 LDL	0.175	1.000	0.175	TENSION	3	6.245	15.813	27.860	0.210
17	L40405 LD	L40405 LDL	0.215	1.000	0.215	AISC- H1-1	5	31.045	309.642	559.004	6.541
18	L20202 LD	L20202 LDL	0.170	1.000	0.170	TENSION	3	6.245	15.813	27.860	0.210
19	L40405 LD	L40405 LDL	0.141	1.000	0.141	AISC- H1-3	5	31.045	309.642	559.004	6.541
20	L20202 LD	L20202 LDL	0.152	1.000	0.152	TENSION	3	6.245	15.813	27.860	0.210
21	L40405 LD	L40405 LDL	0.064	1.000	0.064	AISC- H1-3	5	31.045	309.642	559.004	6.541
22	L20202 LD	L20202 LDL	0.165	1.000	0.165	TENSION	3	6.245	15.813	27.860	0.210
23	L40405 LD	L40405 LDL	0.038	1.000	0.038	AISC- H1-3	3	31.045	309.642	559.004	6.541
24	L20202 LD	L20202 LDL	0.163	1.000	0.163	TENSION	3	6.245	15.813	27.860	0.210
25	L40405 LD	L40405 LDL	0.147	1.000	0.147	AISC- H1-3	3	31.045	309.642	559.004	6.541
26	L20202 LD	L20202 LDL	0.161	1.000	0.161	TENSION	3	6.245	15.813	27.860	0.210
27	L40405 LD	L40405 LDL	0.245	1.000	0.245	AISC- H1-1	3	31.045	309.642	559.004	6.541
28	WT6X95	WT6X95	0.180	1.000	0.180	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
29	L40406 LD	L40406 LDL	0.844	1.000	0.844	AISC- H1-1	3	36.890	362.839	671.315	11.156
30	L40406 LD	L40406 LDL	0.720	1.000	0.720	AISC- H1-1	3	36.890	362.839	671.315	11.156
31	L40406 LD	L40406 LDL	0.658	1.000	0.658	AISC- H1-1	3	36.890	362.839	671.315	11.156
32	L40406 LD	L40406 LDL	0.597	1.000	0.597	AISC- H1-1	3	36.890	362.839	671.315	11.156
33	L40406 LD	L40406 LDL	0.537	1.000	0.537	AISC- H1-1	3	36.890	362.839	671.315	11.156
34	L40406 LD	L40406 LDL	0.487	1.000	0.487	AISC- H1-1	3	36.890	362.839	671.315	11.156
35	L40406 LD	L40406 LDL	0.402	1.000	0.402	AISC- H1-1	3	36.890	362.839	671.315	11.156
36	L40406 LD	L40406 LDL	0.365	1.000	0.365	AISC- H1-1	3	36.890	362.839	671.315	11.156
37	L40406 LD	L40406 LDL	0.302	1.000	0.302	AISC- H1-1	3	36.890	362.839	671.315	11.156
38	L40406 LD	L40406 LDL	0.242	1.000	0.242	AISC- H1-1	3	36.890	362.839	671.315	11.156
39	L40406 LD	L40406 LDL	0.176	1.000	0.176	AISC- H1-1	3	36.890	362.839	671.315	11.156
40	L40406 LD	L40406 LDL	0.107	1.000	0.107	AISC- H1-3	3	36.890	362.839	671.315	11.156
41	L40406 LD	L40406 LDL	0.034	1.000	0.034	AISC- H1-3	3	36.890	362.839	671.315	11.156
42	L20202 LD	L20202 LDL	0.308	1.000	0.308	AISC- H1-1	3	6.245	15.813	27.860	0.210
43	L20202 LD	L20202 LDL	0.329	1.000	0.329	AISC- H1-1	3	6.245	15.813	27.860	0.210
44	L20202 LD	L20202 LDL	0.356	1.000	0.356	AISC- H1-1	3	6.245	15.813	27.860	0.210
45	L20202 LD	L20202 LDL	0.386	1.000	0.386	AISC- H1-1	3	6.245	15.813	27.860	0.210
46	L20202 LD	L20202 LDL	0.380	1.000	0.380	AISC- H1-1	3	6.245	15.813	27.860	0.210
47	L20202 LD	L20202 LDL	0.454	1.000	0.454	AISC- H1-1	3	6.245	15.813	27.860	0.210
48	L20202 LD	L20202 LDL	0.500	1.000	0.500	AISC- H1-1	3	6.245	15.813	27.860	0.210
49	L20202 LD	L20202 LDL	0.727	1.000	0.727	AISC- H1-1	3	6.245	15.813	27.860	0.210

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (cm^2)	Iz (cm^4)	Iy (cm^4)	Ix (cm^4)
50	L20202 LD	L20202 LDL	0.638	1.000	0.638	AISC- H1-1	3	6.245	15.813	27.860	0.210
51	L20202 LD	L20202 LDL	0.748	1.000	0.748	AISC- H1-1	3	6.245	15.813	27.860	0.210
52	L20202 LD	L20202 LDL	0.822	1.000	0.822	AISC- H1-1	3	6.245	15.813	27.860	0.210
53	L20202 LD	L20202 LDL	0.954	1.000	0.954	AISC- H1-1	3	6.245	15.813	27.860	0.210
54	WT6X95	WT6X95	0.012	1.000	0.012	AISC- H1-3	4	180.000	3.29E+3	12.3E+3	1.02E+3
55	WT6X95	WT6X95	0.132	1.000	0.132	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
56	L40405 LD	L40405 LDL	0.850	1.000	0.850	AISC- H1-1	5	31.045	309.642	559.004	6.541
57	L20202 LD	L20202 LDL	0.161	1.000	0.161	TENSION	3	6.245	15.813	27.860	0.210
58	L40405 LD	L40405 LDL	0.778	1.000	0.778	AISC- H1-1	5	31.045	309.642	559.004	6.541
59	L20202 LD	L20202 LDL	0.144	1.000	0.144	TENSION	3	6.245	15.813	27.860	0.210
60	L40405 LD	L40405 LDL	0.658	1.000	0.658	AISC- H1-1	5	31.045	309.642	559.004	6.541
61	L20202 LD	L20202 LDL	0.135	1.000	0.135	TENSION	3	6.245	15.813	27.860	0.210
62	L40405 LD	L40405 LDL	0.559	1.000	0.559	AISC- H1-1	5	31.045	309.642	559.004	6.541
63	L20202 LD	L20202 LDL	0.137	1.000	0.137	TENSION	3	6.245	15.813	27.860	0.210
64	L40405 LD	L40405 LDL	0.464	1.000	0.464	AISC- H1-1	5	31.045	309.642	559.004	6.541
65	L20202 LD	L20202 LDL	0.123	1.000	0.123	TENSION	3	6.245	15.813	27.860	0.210
66	L40405 LD	L40405 LDL	0.381	1.000	0.381	AISC- H1-1	5	31.045	309.642	559.004	6.541
67	L20202 LD	L20202 LDL	0.181	1.000	0.181	TENSION	3	6.245	15.813	27.860	0.210
68	L40405 LD	L40405 LDL	0.295	1.000	0.295	AISC- H1-1	5	31.045	309.642	559.004	6.541
69	L20202 LD	L20202 LDL	0.175	1.000	0.175	TENSION	3	6.245	15.813	27.860	0.210
70	L40405 LD	L40405 LDL	0.216	1.000	0.216	AISC- H1-1	5	31.045	309.642	559.004	6.541
71	L20202 LD	L20202 LDL	0.171	1.000	0.171	TENSION	3	6.245	15.813	27.860	0.210
72	L40405 LD	L40405 LDL	0.141	1.000	0.141	TENSION	3	31.045	309.642	559.004	6.541
73	L20202 LD	L20202 LDL	0.182	1.000	0.182	TENSION	3	6.245	15.813	27.860	0.210
74	L40405 LD	L40405 LDL	0.082	1.000	0.082	TENSION	3	31.045	309.642	559.004	6.541
75	L20202 LD	L20202 LDL	0.165	1.000	0.165	TENSION	3	6.245	15.813	27.860	0.210
76	L40405 LD	L40405 LDL	0.031	1.000	0.031	TENSION	7	31.045	309.642	559.004	6.541
77	L20202 LD	L20202 LDL	0.163	1.000	0.163	TENSION	3	6.245	15.813	27.860	0.210
78	L40405 LD	L40405 LDL	0.074	1.000	0.074	AISC- H1-3	3	31.045	309.642	559.004	6.541
79	L20202 LD	L20202 LDL	0.161	1.000	0.161	TENSION	3	6.245	15.813	27.860	0.210
80	L40405 LD	L40405 LDL	0.174	1.000	0.174	AISC- H1-1	3	31.045	309.642	559.004	6.541
81	WT6X95	WT6X95	0.161	1.000	0.161	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
82	L40406 LD	L40406 LDL	0.738	1.000	0.738	AISC- H1-1	3	36.890	362.839	671.315	11.156
83	L40406 LD	L40406 LDL	0.642	1.000	0.642	AISC- H1-1	3	36.890	362.839	671.315	11.156
84	L40406 LD	L40406 LDL	0.612	1.000	0.612	AISC- H1-1	3	36.890	362.839	671.315	11.156
85	L40406 LD	L40406 LDL	0.584	1.000	0.584	AISC- H1-1	3	36.890	362.839	671.315	11.156
86	L40406 LD	L40406 LDL	0.555	1.000	0.555	AISC- H1-1	3	36.890	362.839	671.315	11.156
87	L40406 LD	L40406 LDL	0.521	1.000	0.521	AISC- H1-1	3	36.890	362.839	671.315	11.156
88	L40406 LD	L40406 LDL	0.446	1.000	0.446	AISC- H1-1	3	36.890	362.839	671.315	11.156
89	L40406 LD	L40406 LDL	0.410	1.000	0.410	AISC- H1-1	3	36.890	362.839	671.315	11.156
90	L40406 LD	L40406 LDL	0.354	1.000	0.354	AISC- H1-1	3	36.890	362.839	671.315	11.156
91	L40406 LD	L40406 LDL	0.290	1.000	0.290	AISC- H1-1	3	36.890	362.839	671.315	11.156
92	L40406 LD	L40406 LDL	0.226	1.000	0.226	AISC- H1-1	3	36.890	362.839	671.315	11.156
93	L40406 LD	L40406 LDL	0.159	1.000	0.159	AISC- H1-1	3	36.890	362.839	671.315	11.156
94	L40406 LD	L40406 LDL	0.087	1.000	0.087	AISC- H1-3	3	36.890	362.839	671.315	11.156
95	L20202 LD	L20202 LDL	0.308	1.000	0.308	AISC- H1-1	3	6.245	15.813	27.860	0.210
96	L20202 LD	L20202 LDL	0.329	1.000	0.329	AISC- H1-1	3	6.245	15.813	27.860	0.210
97	L20202 LD	L20202 LDL	0.356	1.000	0.356	AISC- H1-1	3	6.245	15.813	27.860	0.210
98	L20202 LD	L20202 LDL	0.385	1.000	0.385	AISC- H1-1	3	6.245	15.813	27.860	0.210

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (cm^2)	Iz (cm^4)	Iy (cm^4)	Ix (cm^4)
99	L20202 LD	L20202 LDL	0.476	1.000	0.476	AISC- H1-1	3	6.245	15.813	27.860	0.210
100	L20202 LD	L20202 LDL	0.456	1.000	0.456	AISC- H1-1	3	6.245	15.813	27.860	0.210
101	L20202 LD	L20202 LDL	0.503	1.000	0.503	AISC- H1-1	3	6.245	15.813	27.860	0.210
102	L20202 LD	L20202 LDL	0.558	1.000	0.558	AISC- H1-1	3	6.245	15.813	27.860	0.210
103	L20202 LD	L20202 LDL	0.408	1.000	0.408	AISC- H1-1	3	6.245	15.813	27.860	0.210
104	L20202 LD	L20202 LDL	0.486	1.000	0.486	AISC- H1-1	3	6.245	15.813	27.860	0.210
105	L20202 LD	L20202 LDL	0.527	1.000	0.527	AISC- H1-1	3	6.245	15.813	27.860	0.210
106	L20202 LD	L20202 LDL	0.612	1.000	0.612	AISC- H1-1	3	6.245	15.813	27.860	0.210
107	WT6X95	WT6X95	0.002	1.000	0.002	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
108	WT6X95	WT6X95	0.152	1.000	0.152	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
109	WT6X95	WT6X95	0.221	1.000	0.221	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
110	WT6X95	WT6X95	0.341	1.000	0.341	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
111	WT6X95	WT6X95	0.345	1.000	0.345	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
112	WT6X95	WT6X95	0.438	1.000	0.438	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
113	WT6X95	WT6X95	0.442	1.000	0.442	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
114	WT6X95	WT6X95	0.519	1.000	0.519	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
115	WT6X95	WT6X95	0.522	1.000	0.522	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
116	WT6X95	WT6X95	0.586	1.000	0.586	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
117	WT6X95	WT6X95	0.589	1.000	0.589	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
118	WT6X95	WT6X95	0.642	1.000	0.642	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
119	WT6X95	WT6X95	0.644	1.000	0.644	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
120	WT6X95	WT6X95	0.788	1.000	0.788	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
121	WT6X95	WT6X95	0.173	1.000	0.173	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
122	WT6X95	WT6X95	0.297	1.000	0.297	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
123	WT6X95	WT6X95	0.439	1.000	0.439	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
124	WT6X95	WT6X95	0.554	1.000	0.554	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
125	WT6X95	WT6X95	0.647	1.000	0.647	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
126	WT6X95	WT6X95	0.725	1.000	0.725	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
127	WT6X95	WT6X95	0.686	1.000	0.686	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
128	WT6X95	WT6X95	0.688	1.000	0.688	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
129	WT6X95	WT6X95	0.722	1.000	0.722	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
130	WT6X95	WT6X95	0.724	1.000	0.724	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
131	WT6X95	WT6X95	0.839	1.000	0.839	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
132	WT6X95	WT6X95	0.880	1.000	0.880	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
133	WT6X95	WT6X95	0.911	1.000	0.911	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
134	WT6X95	WT6X95	0.935	1.000	0.935	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
135	WT6X95	WT6X95	0.951	1.000	0.951	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
136	WT6X95	WT6X95	0.959	1.000	0.959	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
137	WT6X95	WT6X95	0.750	1.000	0.750	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
138	WT6X95	WT6X95	0.751	1.000	0.751	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
139	WT6X95	WT6X95	0.771	1.000	0.771	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
140	WT6X95	WT6X95	0.772	1.000	0.772	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
141	WT6X95	WT6X95	0.784	1.000	0.784	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
142	WT6X95	WT6X95	0.785	1.000	0.785	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
143	WT6X95	WT6X95	0.791	1.000	0.791	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
144	WT6X95	WT6X95	0.791	1.000	0.791	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
145	WT6X95	WT6X95	0.791	1.000	0.791	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
146	WT6X95	WT6X95	0.791	1.000	0.791	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
147	WT6X95	WT6X95	0.791	1.000	0.791	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (cm^2)	Iz (cm^4)	Iy (cm^4)	Ix (cm^4)
148	WT6X95	WT6X95	0.791	1.000	0.791	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
149	WT6X95	WT6X95	0.953	1.000	0.953	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
150	WT6X95	WT6X95	0.937	1.000	0.937	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
151	WT6X95	WT6X95	0.914	1.000	0.914	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
152	WT6X95	WT6X95	0.884	1.000	0.884	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
153	WT6X95	WT6X95	0.786	1.000	0.786	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
154	WT6X95	WT6X95	0.786	1.000	0.786	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
155	WT6X95	WT6X95	0.774	1.000	0.774	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
156	WT6X95	WT6X95	0.774	1.000	0.774	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
157	WT6X95	WT6X95	0.756	1.000	0.756	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
158	WT6X95	WT6X95	0.755	1.000	0.755	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
159	WT6X95	WT6X95	0.730	1.000	0.730	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
160	WT6X95	WT6X95	0.729	1.000	0.729	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
161	WT6X95	WT6X95	0.696	1.000	0.696	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
162	WT6X95	WT6X95	0.695	1.000	0.695	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
163	WT6X95	WT6X95	0.655	1.000	0.655	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
164	WT6X95	WT6X95	0.653	1.000	0.653	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
165	WT6X95	WT6X95	0.604	1.000	0.604	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
166	WT6X95	WT6X95	0.602	1.000	0.602	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
167	WT6X95	WT6X95	0.542	1.000	0.542	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
168	WT6X95	WT6X95	0.541	1.000	0.541	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
169	WT6X95	WT6X95	0.473	1.000	0.473	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
170	WT6X95	WT6X95	0.471	1.000	0.471	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
171	WT6X95	WT6X95	0.394	1.000	0.394	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
172	WT6X95	WT6X95	0.392	1.000	0.392	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
173	WT6X95	WT6X95	0.304	1.000	0.304	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
174	WT6X95	WT6X95	0.302	1.000	0.302	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
175	WT6X95	WT6X95	0.196	1.000	0.196	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
176	WT6X95	WT6X95	0.138	1.000	0.138	TENSION	3	180.000	3.29E+3	12.3E+3	1.02E+3
177	WT6X95	WT6X95	0.845	1.000	0.845	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
178	WT6X95	WT6X95	0.796	1.000	0.796	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
179	WT6X95	WT6X95	0.737	1.000	0.737	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
180	WT6X95	WT6X95	0.665	1.000	0.665	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
181	WT6X95	WT6X95	0.582	1.000	0.582	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
182	WT6X95	WT6X95	0.487	1.000	0.487	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
183	WT6X95	WT6X95	0.377	1.000	0.377	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
184	WT6X95	WT6X95	0.249	1.000	0.249	AISC- H1-1	3	180.000	3.29E+3	12.3E+3	1.02E+3
185	WT6X95	WT6X95	0.143	1.000	0.143	AISC- H1-3	3	180.000	3.29E+3	12.3E+3	1.02E+3
186	L40406 LD	L40406 LDL	0.021	1.000	0.021	TENSION	5	36.890	362.839	671.315	11.156
187	L40406 LD	L40406 LDL	0.698	1.000	0.698	AISC- H1-1	3	36.890	362.839	671.315	11.156
188	L40406 LD	L40406 LDL	0.636	1.000	0.636	AISC- H1-1	3	36.890	362.839	671.315	11.156
189	L40406 LD	L40406 LDL	0.575	1.000	0.575	AISC- H1-1	3	36.890	362.839	671.315	11.156
190	L40406 LD	L40406 LDL	0.516	1.000	0.516	AISC- H1-1	3	36.890	362.839	671.315	11.156
191	L40406 LD	L40406 LDL	0.461	1.000	0.461	AISC- H1-1	3	36.890	362.839	671.315	11.156
192	L40406 LD	L40406 LDL	0.423	1.000	0.423	AISC- H1-1	3	36.890	362.839	671.315	11.156
193	L40406 LD	L40406 LDL	0.344	1.000	0.344	AISC- H1-1	3	36.890	362.839	671.315	11.156
194	L40406 LD	L40406 LDL	0.283	1.000	0.283	AISC- H1-1	3	36.890	362.839	671.315	11.156
195	L40406 LD	L40406 LDL	0.220	1.000	0.220	AISC- H1-1	3	36.890	362.839	671.315	11.156
196	L40406 LD	L40406 LDL	0.154	1.000	0.154	AISC- H1-1	3	36.890	362.839	671.315	11.156

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (cm^2)	Iz (cm^4)	Iy (cm^4)	Ix (cm^4)
197	L40406 LD	L40406 LDL	0.085	1.000	0.085	AISC- H1-3	3	36.890	362.839	671.315	11.156
198	L40406 LD	L40406 LDL	0.064	1.000	0.064	AISC- H1-3	3	36.890	362.839	671.315	11.156
199	L40406 LD	L40406 LDL	0.628	1.000	0.628	AISC- H1-1	3	36.890	362.839	671.315	11.156
200	L40406 LD	L40406 LDL	0.599	1.000	0.599	AISC- H1-1	3	36.890	362.839	671.315	11.156
201	L40406 LD	L40406 LDL	0.569	1.000	0.569	AISC- H1-1	3	36.890	362.839	671.315	11.156
202	L40406 LD	L40406 LDL	0.541	1.000	0.541	AISC- H1-1	3	36.890	362.839	671.315	11.156
203	L40406 LD	L40406 LDL	0.501	1.000	0.501	AISC- H1-1	3	36.890	362.839	671.315	11.156
204	L40406 LD	L40406 LDL	0.467	1.000	0.467	AISC- H1-1	3	36.890	362.839	671.315	11.156
205	L40406 LD	L40406 LDL	0.389	1.000	0.389	AISC- H1-1	3	36.890	362.839	671.315	11.156
206	L40406 LD	L40406 LDL	0.331	1.000	0.331	AISC- H1-1	3	36.890	362.839	671.315	11.156
207	L40406 LD	L40406 LDL	0.268	1.000	0.268	AISC- H1-1	3	36.890	362.839	671.315	11.156
208	L40406 LD	L40406 LDL	0.204	1.000	0.204	AISC- H1-1	3	36.890	362.839	671.315	11.156
209	L40406 LD	L40406 LDL	0.136	1.000	0.136	AISC- H1-3	3	36.890	362.839	671.315	11.156