

STRESS RANGES FOR MEMBERS OVER 100% CAPACITY

Member	2010 STAAD				Stresses		
	Forces (19600)	Minimum	Gross Area	Anet	Min	Max	Range
	[kip]	[kip]	[in <sup>2</sup> ]	[in <sup>2</sup> ]	[ksi]	[ksi]	[ksi]
Uo-U1	-66		8.36				
U1-U2	-434		25.2				
U2-U3	-666		30.6				
U3-U4	-830		43.4				
U4-U5	-783		43.4				
Lo-L1	1352		49.1875	52.19			
L1-L2	1354		49.1875	44.49			
L2-L23	1520		55.75				
L23-L3	1013		55.75				
L3-L4	1235		62.3125				
L4-L5	1377		65.8125	56.94			
Uo-Lo	-206		19				
U1-L1	6		4.8				
<b>U2-L2</b>	<b>-298</b>	<b>-49</b>	<b>14.68</b>		<b>-3.34</b>	<b>-20.30</b>	<b>16.96</b>
U2L3-L23	-90		8.08				
U3-L3	-344		21.8				
U4-L4	108/-140		14.68				
U5-L5	-12		5.74				
U1-Lo	-349		20				
<b>U1-L2</b>	<b>324</b>	<b>32</b>	<b>11.02</b>	<b>15.04</b>	<b>2.90</b>	<b>29.40</b>	<b>26.50</b>
<b>U2-U2L3</b>	<b>371</b>	<b>51</b>	<b>11.02</b>	<b>9.14</b>	<b>5.58</b>	<b>40.59</b>	<b>35.01</b>
U2L3-L2	54		6.74				
U2L3-L3	448		22.04	17.90			
<b>U3-L4</b>	<b>307</b>	<b>16</b>	<b>11.74</b>	<b>10.13</b>	<b>1.58</b>	<b>30.31</b>	<b>28.73</b>
U4-L5	159/-132		14.68				