

Steel Check Report

Project: Lesson2 (c:\dcc\Frame2012\projects\L2_Done)
 Description: Complete Lesson 2
 Date: 06/09/2011 10:47 AM

Company:
 User:
 Software: Digital Canal Frame Analysis & Design

Code Check Results (LRFD 13)

CRITICAL STRESS SUMMARY

ID	Section Name	Status	Governing Criteria	Stress Ratio	Load Combination	Distance (ft)
1	W12x40	OK	Axial-Bending	0.5482	Comb1	12.000
2	W18x50	OK	Axial-Bending	0.3656	Comb1	11.000
3	W12x40	OK	Axial-Bending	0.5473	Comb2	0.0000
4	SC1	OK	Axial-Bending	0.5406	Comb2	11.664
5	SC1	OK	Axial-Bending	0.3810	Comb1	11.662
6	SC1	OK	Axial-Bending	0.3808	Comb1	13.994
7	SC1	OK	Axial-Bending	0.8036	Comb2	11.666
8	W12x40	OK	Axial-Bending	0.6324	Comb2	0.0000
9	W18x50	OK	Axial-Bending	0.4179	Comb2	20.000
10	W12x40	OK	Axial-Bending	0.4777	Comb1	12.000
11	W18x50	OK	Axial-Bending	0.0450	Comb1	20.000
12	W18x50	OK	Axial-Bending	0.2394	Comb1	20.000
13	W18x50	OK	Axial-Bending	0.4583	Comb1	5.0000
14	W18x50	OK	Axial-Bending	0.4618	Comb1	0.0000

SELECTED LOAD COMBINATIONS

Load Combination	Code Check	Total	Live	Dependent	Conditional
Comb1	x			-	-
Comb2	x			-	-