

Fax: 604.698.8100  
www.slantec.com

J1	JOIST DESIGNATION	W'	WITH
L.G.	LONG		

[illegible]

1. Ground Snow Load:  $S_s = 2.1 \text{ kPa}$   
 Modify for exposure and drift as per NRC supplement  
 $S_r = 0.1 \text{ kPa}$

- |   |                             |                                   |
|---|-----------------------------|-----------------------------------|
| 2 | What Load:                  | $\beta = 1.0$                     |
| 3 | Seismic                     | $\beta = 0.80 = 0.47 \text{ IPa}$ |
|   |                             | $H = 1.0$                         |
|   | Shear(2.0) = 0.28           |                                   |
|   | Shear(1.0) = 0.14           |                                   |
|   | SM(0.8) = 0.11              |                                   |
|   | Shear(2.0) = 0.095          |                                   |
|   | PCA = 0.04                  |                                   |
|   | Op = 10                     |                                   |
|   | Ar = 10                     |                                   |
|   | IPa = 1.25                  |                                   |
|   | Revised Palletton = 4.8 IPa |                                   |

1. Fabricate and erect structural steel to meet the requirements of CSA Standard CAN3-S16-09.
2. Provide structural steel to meet the requirements of CSA Standard G40.21-04 (R2009) with the following grades:

- [illegible]

Conseiller régional, Services d'architecture et de génie, TPSOC  
PHILIP FUNG

## GENERAL NOTES

**SUMMERLAND, BRITISH COLUMBIA**  
4200 HIGHWAY 97  
PACIFIC AGRI-FOOD RESEARCH CENTRE

**SUMMERLAND- LAB EXHAUST  
SYSTEM ALTERATION**

**641 - 800 BURRARD STREET  
VANCOUVER, BC**

**PUBLIC WORKS AND  
GOVERNMENT SERVICES  
CANADA**

APR 16, 2013

AUG. 16, 2013