

## STRUCTURAL NOTES:

**CODE:** Comply with the 2009 International Residential Code.

### **DESIGN LOADS:**

Dead Loads: Roof = 15.0 psf., Floors = 10.0 psf.

Live Loads: Roof = 45.0 psf (Plus Drift), 1st Floor = 40.0 psf., 2nd Floor = 30.0 psf.

Wind Load: Building = 28.0 psf

### **WOOD:**

#### 1. General:

a. Each piece of lumber shall be "S-DRY" and bear the grade stamp of a grading rules agency approved by the

American Lumber Standards Committee.

b. Do not notch or drill joists, beams or load bearing studs without approval.

#### 2. Structural Sawn Lumber:

a. 2 x 6 thru 2 x 14 joists: Spruce Pine Fir No. 2 with Fb (repetitive) = 1200 p.s.i.

b. Studs: Spruce Pine Fir No. 2 with Fb (repetitive) = 1200 p.s.i.

c. Posts: Spruce Pine Fir No. 1 with Fc = 900 p.s.i.

3. Laminated Veneer Lumber (LVL): Fb = 2800 psi, Fv = 285 psi, E = 2,000 ksi

### **SUPPLEMENTARY NOTES:**

1. Field verify all dimensions and conditions prior to starting work. Notify the Engineer of any discrepancies or inconsistencies.

2. Provide all necessary temporary bracing, shoring, guying or other means to avoid excessive stresses and to hold structural elements in place during construction.

Title: Residence  
110 Clifton Street  
Portland, Maine

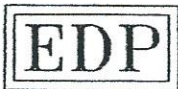
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12-20-10

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LAW

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ENGINEERING DESIGN PROFESSIONALS  
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