

PS #3

Due: 2/5/10

Objectives

- 1 - To become familiar with code prescribed floor live loads per ASCE 7-05.
- 2 - To become familiar with code prescribed roof live loads per ASCE 7-05.

The Problem

1. Given upper floor retail occupancy, determine the unit live load for J2, P2, P4, G1, G2, C1 & C4. Joists are spaced 16" o.c.
2. Given an apartment roof system with a $\frac{1}{4}/12$ slope, determine the unit live load for J1, P1, P5, G2, G4, C2 & C3. Joists are spaced 24" o.c.

