

Building Code of New York State
Section 1603.1
Required Construction Documentation

<u>Design Loads:</u>	<u>Location</u>	<u>psf</u>
Floor Live Load= (1607.3)		
Roof Live Load= (1607.11)		
Ground Snow Load P_g (1608.2)	Syracuse, NY	55 psf
<i>1) Flat Roof Snowload, P_f (1608.3)</i>		
<i>2) Snow Exposure Category, C_e (T1608.3.1)</i>		
<i>3) Snow Load Importance Factor, I (1608.3.3)</i>		
<i>4) Thermal Factor, C_t (1608.3.2)</i>		

Basic Wind Speed (3sec)	Syracuse, NY	90 mph
<i>1) Wind Importance Factor, I (1609.5)</i>		
<i>2) Building Category (T1604.5)</i>		
<i>3) Wind Exposure (1609.4)</i>		
<i>4) Applicable Pressure Coefficient (T1609.6.2.1(4))</i>		
<i>5) Components and Cladding (1609.6.5)</i>		

Seismic Design Data

- 1) Seismic Use Group (1616.2)*
- 2) Spectral Response Coefficients*
 - S_s (1615.1)=*
 - S_1 (1615.1)=*
 - Site Class (1615.1.3) =*
 - F_a =*
 - F_v =*
 - S_{ms} =*
 - S_{m1} =*
 - S_{ds} (1615.1.3)=*
 - S_{d1} (1615.1.3)=*
 - Group** (1616.2)=*
 - Category** (T1616.5.2)=*

Analysis Procedure Used (1616.6) *V = seismic base shear*
(Based on Category) *(show which equation used and calculate seismic*
base shear)
1617.4 or 1617.5

Job Location - _____

Construction Class - _____

Occupancy Class - _____

Note any additional information: