pg	25	lb	Ground snow load for Manhattan	(NYC BC 1608.2)
Ce	0.9		Exposure Coefficient (Terrain B, fully exposed)	(NYC BC 1608.3.1)
Ct	1.2		Thermal Coefficient (unheated structure)	(NYC BC 1608.3.2)
Is	1.10		Snow Importance Factor (Risk III)	(NYC BC 1604.5.2)
Iw	1.15		Wind Importance Factor (Risk III)	(NYC BC 1604.5.2)
Cs	1.0		Slope Coefficient (cold, slippery roof)	(ASCE 7-2005 Figure 7-2c)
lu	25.00	ft	Length of roof for snow drift calculations	(ASCE 7-2005 Figure 7-9)
w	6.00	ft	Length of snow drift	(ASCE 7-2005 Section 7.7)
hd	1.50	ft	height of snow drift (maximum of leeward and windward snow drift heights)	(ASCE 7-2005 Figure 7-9)
Dd	30.00	pcf	Maximum snow drift density	(ASCE 7-2005 Equation 7-3)
pd	22.50	psf	Snow drift load per unit area of canopy	(NYC BC 1609.3)
V	98.0	mph	Basic wind speed (Manhattan)	(ASCE 7-2005 Table 6-3)
Kh or Kz	0.9		Velocity Pressure Coefficient (Exposure C, z=21')	(ASCE 7-2005 Section 6.5.7.2)
Kzt	1.00		Toppgraphic factor for wind load calculation (for NYC = 1.00)	(ASCE 7-2005 Table 6-4)
Kd	0.85		Wind directionality factor	(ASCE 7-2005 Section 6.5.11.4)
Gcpi	± 0.55		Wind Internal Pressure Coefficient (partially enclosed building)	(ASCE 7-2005 Figure 6-11B)
Gcp	-1.2		Wind Pressure Coefficient (sections 1 and 2)	(ASCE 7-2005 Figure 6-11B)
	-0.80		Wind Pressure Coefficient (section 3)	(ASCE 7-2005 Figure 6-11B)
qh	21.9		Wind velocity pressure coefficient for mean roof height, h	(ASCE 7-2005 Equation 6-15)
h	21.0	ft	Mean roof height	