





Input Data:

Bldg. Dimension (x-dir.) =	100.00	ft.
Bldg. Dimension (y-dir.) =	200.00	ft.
Windward, Pwx =	0.0290	ksf
Leeward, PLx =	0.0080	ksf
Windward, Pwy =	0.0298	ksf
Leeward, PLy =	0.0025	ksf

Results:

Length, Bx =	200.00	ft.	
Length, By =	100.00	ft.	
Eccentricity, ex =	30.00	ft., ex = 0.15*Bx	
Eccentricity, ey =	15.00	ft., ey = 0.15*By	
Torsional Moment, M⊤ =	152.3	ft-kips, MT = 0.563*(Pwx+PLx)*Bx*ex + 0.563*(Pwy+PLy)*By*ey	
Perimeter Force, qw =	0.003807	kips/ft./ft. Ht., qw = MT/(2*Bx*By)	
Applied Load, P1 =	0.381	kips/ft. Ht., P1 = qw*By	
Applied Load, P2 =	0.761	kips/ft. Ht., P2 = qw*Bx	
Note: Loadings P1 and P2 are to be applied per ft. of building height.			

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