

Story Level i	Story Elevation	Story Weight gMi (g = 386.4in/s ²) (80'x120'x.02ksf)	Mode, n = 1 Data T = 0.1•#Stories = 1.00 seconds Sa = 0.14 g				Mode, n = 2 Data T = 0.05•#Stories = 0.50 seconds Sa = 0.25 g				Σ (Γ Sa Ø) ²	(Σ (Γ Sa Ø) ²) ^{1/2} g	Fi kips	Σ Fi kips
			Mode Shape Øi	MiØi	MiØi ²	(Γ Sa Øi) ²	Mode Shape Øi	MiØi	MiØi ²	(Γ Sa Øi) ²				
10	144	576.00	1.00	1.491	1.491	0.0400	1.00	1.491	1.491	0.0051	0.0451	0.212	122.3	122.3
9	130	576.00	0.90	1.342	1.207	0.0324	0.70	1.043	0.730	0.0025	0.0349	0.187	107.6	229.9
8	115	576.00	0.80	1.193	0.954	0.0256	0.40	0.596	0.239	0.0008	0.0264	0.163	93.6	323.6
7	101	576.00	0.70	1.043	0.730	0.0196	0.10	0.149	0.015	0.0001	0.0197	0.140	80.7	404.3
6	86	576.00	0.60	0.894	0.537	0.0144	-0.20	-0.298	0.060	0.0002	0.0146	0.121	69.6	473.9
5	72	576.00	0.50	0.745	0.373	0.0100	-0.50	-0.745	0.373	0.0013	0.0113	0.106	61.2	535.1
4	58	576.00	0.40	0.596	0.239	0.0064	-0.80	-1.193	0.954	0.0033	0.0097	0.098	56.6	591.7
3	43	576.00	0.30	0.447	0.134	0.0036	-0.90	-1.342	1.207	0.0041	0.0077	0.088	50.7	642.3
2	29	576.00	0.20	0.298	0.060	0.0016	-0.60	-0.894	0.537	0.0018	0.0034	0.059	33.8	676.1
1	14	576.00	0.10	0.149	0.015	0.0004	-0.30	-0.447	0.134	0.0005	0.0009	0.029	16.9	693.0
			Σ = 8.199 ÷ 5.739 Γ = 1.429				Σ = -1.640 ÷ 5.739 Γ = -0.286							

