



TABLE: Base Reactions

Load Case/Combo	FX	FY	FZ	MX	MY	MZ	X	Y	Z
	kip	kip	kip	kip-ft	kip-ft	kip-ft	ft	ft	ft
Dead	0	0	1822.767	44690.125	-74733.4333	0	0	0	0
Live	0	0	462	10890	-18942	0	0	0	0
FF	0	0	273	6435	-11193	0	0	0	0
PW	0	0	262.5	6187.5	-10762.5	0	0	0	0
EW	0	0	508.8	12720	-20860.8	0	0	0	0
EQ X	0	0	0	0	0	0	0	0	0
EQ X1	-72.261	0	0	0	-2829.298	1761.936	0	0	0
EQ Y	0	-72.261	0	2829.298	0	-2962.7174	0	0	0
Wind X	-75.312	0	0	0	-2515.865	1882.8048	0	0	0
Wind Y	0	-69.287	0	2314.5958	0	-2840.7759	0	0	0
				V=	72.261				
				W=	2982.567	V/W=	0.02423		

Location: Chapai Nawabganj												
X-direction												
Story	z (ft)	Ct	Ci	Heff (ft)	Cz	Cp	Cg	Vb(mph)	Pz (0.00256*Ci*Cp* Cg*Cz*Ct*Vb^2)	A (ft^2)	Fz (kip)	UBC 94 (etabs)
1	10	1	1	10	0.801	1.45	1.321	80.78	25.63	500	12.82	13.11
2	10	1	1	10	0.866	1.45	1.294	80.78	27.14	500	13.57	13.7
3	10	1	1	10	0.972	1.45	1.258	80.78	29.62	500	14.81	14.42
4	10	1	1	10	1.055	1.45	1.233	80.78	31.51	500	15.75	15.13
5	10	1	1	5	1.125	1.45	1.215	80.78	33.11	250	8.28	12.42
Y-direction												
Story	z (ft)	Ct	Ci	Heff (ft)	Cz	Cp	Cg	Vb(mph)	Pz (0.00256*Ci*Cp* Cg*Cz*Ct*Vb^2)	A (ft^2)	Fz (kip)	UBC 94 (etabs)
1	10	1	1	10	0.801	1.4	1.321	80.78	24.75	460	11.38	12.06
2	10	1	1	10	0.866	1.4	1.294	80.78	26.21	460	12.06	12.6
3	10	1	1	10	0.972	1.4	1.258	80.78	28.60	460	13.15	13.27
4	10	1	1	10	1.055	1.4	1.233	80.78	30.42	460	13.99	13.92
5	10	1	1	5	1.125	1.4	1.215	80.78	31.97	230	7.35	11.43





