



General Table: Structural Design Parameters						
GRAVITY LOADS: S	NOW					
GROUND SNOW LOAD: Ss = 2.6 kPa (54.3 psf) (ELEVATION = 35m)						
RAIN LOAD: S	r = 0.2 kPa (4.2 psf)					
BASIC SNOW LOAD: S	6 = 2.3 kPa (4	7.6 psf)				
IMPORTANCE FACTOR: 1	()					
	= 0.9 (SLS)					
BASIC SNOW LOAD IS NOT SEE PLANS FOR SNOW DI	AGRAM WHERE API	PLICABLE.	STEPS, OBSTRU	JCTIONS, ETC.		
GRAVITY LOADS: D	EAD AND LIVE					
	SUPERIMPC					
AREA / USE	DEAD LOAD	S (<u>NOT</u>	LIVE LOAD			
	INCLUDING SELF-WEIGI					
	STRUCTUR		DISTRIBUTED		CONCENTRATED	
	IN kPa (psf)		LOAD IN kPa (psf)		LOAD IN kN (kips)	
ROOF	1.0 (20))	GREATER OF SNOW LOAD OR 1.0 (20)			1.3 (0.3)
LATERAL LOADS - V			()			
REFERENCE VELOCITY WIND PRESSURES:						
q _{1/50}	= kPa (psf)				
IMPORTANCE FACTOR Iw: = 1.0 (ULS) = 0.75 (SLS)						
WIND-FORCE RESISTING SYSTEM: SEE SEISMIC LOAD SECTION FOLLOWING						
LATERAL LOADS - SEISMIC						
SEISMIC DATA:						
Sa(0.2)	= 0.784	Sa(0.5)	= 0.691	Sa(1.0)	= 0.393	3
Sa(2.0) PGA	= 0.24 = 0.399	Sa(5.0) PGV	= 0.077 = 0.511	Sa(10.0)	= 0.027	7
SITE CLASS :		=	C (ASSUMED)			
ACCELERATION BASED SITE COEFFICIENT:		Fa =	1.0			
VELOCITY BASED SITE COEFFICIENT:		Fv =	1.0			
IMPORTANCE FACTOR:		le = (UI	_S)			
SEISMIC FORCE RESISTIN	IG SYSTEM (SFRS):					
CONCRETE LEVELS:		TYPE = Rd = Ro =	CONVENTIONAL CONSTRUCTION 1.5 1.3			

(12c) + (12a)____ 8

Weighing > 500 lb (225 kg)



