

TOTAL OCCUPANTS	289
CONSTRUCTION TYPE(S)	(TABLE 503)
II B (SECTION 503)	
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION	
MAXIMUM HEIGHT IN STORIES (SECTION 503 & 504, TABLE 503)	2
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503)	38,000

WIND SPEED DESIGN REQUIREMENTS

THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:

WIND DESIGN DATA:

DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (1), (2), OR (3) DEPENDING ON THE RISK CATEGORY

WIND SPEED V =	149 MPH (IBC FIG 1609.3(1))
NOMINAL DESIGN WIND SPEED V_{asd} =	116 MPH ($V_{ult} \times (0.6)^{1/2}$)
RISK CATEGORY:	CATEGORY II BLDG
TOPOGRAPHIC FACTOR =	1
INTERNAL PRESSURE COEFFICIENT (ASCE 7-16 TABLE 26.11-1):	± 0.18
COMPONENTS AND CLADDING PRESSURE	$p(+) = 20.0$ psf $p(-) = 23.8$ psf

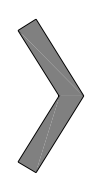
LIVE LOADS (IBC SEC 1607)

STORAGE WAREHOUSE, LIGHT DUTY (IBC TABLE 1607.1):	125 PSF
OFFICE LOBBIES & CORRIDORS 1ST FLOOR	100 PSF
OFFICES (IBC TABLE 1607.1):	50 PSF
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED

SNOW LOADS (IBC SEC 1608):

GROUND SNOW LOAD (IBC FIG 1608.2):	5 PSF
RAIN LOAD DATA	6 INCHES PER HOUR
SEISMIC DESIGN CRITERIA	A

L I F E - S A F E T Y L E G E N D

SYMBOL	DESCRIPTION
	EXITS
(45)	DOOR FIRE RATING (MINUTES)

BUILDING SQUARE FOOTAGE

NEW CONSTRUCTION FOR A FITN