

WIND SPEED DESIGN REQUIREMENTS

THIS BUILDING SHALL BE CONSTRUCTED PER 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_{ult} =	143MPH		
NOMINAL DESIGN WIND SPEED V_{asd} =	111 MPH ($V_{ult} \times (0.6)^{\frac{1}{2}}$)		
RISK CATEGORY:	CATEGORY II BLDG	SURFACE ROUGHNESS =	B
TOPOGRAPHIC FACTOR =	1	EXPOSURE =	B
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):	± 0.18		
COMPONENTS & CLADDING PRESURE	$p(+)$ = 16.5 psf	$p(-)$ = 33.6 psf	
LIVE LOADS (IBC SEC 1607)			
OFFICE LOBBIES & CORRIDORS 1ST FLOOR	100 PSF UNIFORM & 2,000 LB CONCENTRATED		
OFFICES (IBC TABLE 1607.1):	50 PSF UNIFORM & 2,000 LB CONCENTRATED		
CORRIDORS ABOVE 1ST FLOOR	80 PSF UNIFORM & 2,000 LB CONCENTRATED		
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		

FLOOD ZONE INFORMATION

BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES AND ASSOCIATES, INC. THIS PROPERTY IS PARTIALLY IN A SPECIAL FLOOD HAZARD AREA. F.I.R.M. COMMUNITY MAP NO 225205 0440 D; REVISED 4/21/99

FLOOD ZONE:	B & C	BASE FLOOD ELEVATION	13 NGVD
ELEVATIONS REFER TO NGVD 1929 DATUM			
FINISHED FLOOR ELEVATION = 15.5 FT			

DRAWING NUMBER

SKS1

NEW OFFICE BUILDING

CONSTRUCTION

LOT 2C PHILLIPS BUSINESS PARK
2052 GAUSE BLVD. EAST, SLIDELL LA 70461

JOB No:

2416

DATE:

4/28/2020

ISSUED FOR:

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MODIFIES SHEET: 4/17/2020

DAMMON

ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

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