

BUILDING INFORMATION	
Design Wind Speed	Nominal
Ultimate Wind Velocity (mph)	170
Nominal Wind Velocity (mph)	131.7
Exposure	b
Internal Pressure	Enclosed
Height above ground (z) -(ft)	0.0
Standard Wall Height - (ft)	10.0
Mean Roof Height (h) - (ft)	17.0
Building Width (ft)	40.0
Building Length (ft)	77.0
Roof Slope (x:12)	4.0
Roof Angle (degrees)	18.43
(a) End Zone (ft)	4.00
Parapet Along Roof Perimeter (ft)	5.00



ASCE 7-16
Version 7.2
2001 - 2018 ©
Building Permit Edition
Wind Load Program

JOB INFORMATION	
Client	Vaillancourt, Bob
Address	721 101st Ave N Naples FL 34108
Company	GUARDIAN HURRICANE PROTECTION
Job Number	3/21/2023
Preparer	Mason

TOPOGRAPHIC FACTOR	
Hill Shape	Flat - No Hill
H, (ft)	0.0
Lh, (ft)	0.0
x, (ft)	0.0
z, (ft)	0.0

WIND LOAD DESIGN INFORMATION												
NUMBER	APPLYING WIND LOAD FOR:	ZONE	OPENING ELEVATION (feet)	WIDTH (inches)	LENGTH (inches)	EFFECTIVE WIND AREA (sqft)	Nominal Wind Load Pressures		NOA Approval Number	Max Pressure Per NOA	Manufacturer	Model Number
							MAXIMUM POSITIVE PRESSURE (psf)	MAXIMUM NEGATIVE PRESSURE (psf)				
1	Motorized Roll Screen	5	5	200.0	125.0	174	25.4	-30.2	FL 16343.1	+52 -52	AHT	Advanced Screen
2	Motorized Roll Shutter	5	5	105.0	77.0	56	27.7	-34.8	FL 29518.1	+70 -70	AHT	55ER
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