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)	9.0
Mean Roof Height (h) - (ft)	17.0
Building Width (ft)	75.0
Building Length (ft)	55.0
Roof Slope (x:12)	4.0
Roof Angle (degrees)	18.43
(a) End Zone (ft)	5.50
Parapet Along Roof Perimeter (ft)	0.00

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Your Window to Success

GUARDIAN HURRICANE PROTECTION

ASCE 7-16
Version 7.2
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Building Permit Edition

Wind Load Program

JOB INFORMATION		
Client	Gomber, John	
Address	7 Grey Wing Pt Naples FL 34114	
Company	GUARDIAN HURRICANE PROTECTION	
Job Number		3/15/2022
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	PW	4	9	60.0	30.0	13	30.7	-33.4	20-0401.10	+80 -80	PGT	7720A
2A	PW	4	9	37.0	70.0	18	30.0	-32.6	20-0401.10	+80 -80	PGT	7720A
2B	PW	4	9	34.0	52.0	12	30.8	-33.4	20-0401.10	+80 -80	PGT	7720A
2C	PW	4	9	33.0	34.0	8	31.2	-33.8	20-0401.10	+80 -80	PGT	7720A
3	PW	5	9	105.0	25.0	26	29.3	-38.0	20-0401.10	+80 -80	PGT	7720A
4	Hurricane Roll Screen	5	4	140.0	96.0	93	26.7	-32.7	FL 16343.1	+80 -80	AHT	Advanced Screen
5	Hurricane Roll Screen	5	4	140.0	96.0	93	26.7	-32.7	FL 16343.1	+80 -80	AHT	Advanced Screen
6A	HR	5	4	70.0	51.0	25	29.4	-38.1	20-0406.04	+65 -77	PGT	7710A
6B	PW	5	6	70.0	42.0	20	29.7	-38.9	20-0401.10	+80 -80	PGT	7720A
7	Double Entry Door	5	4	50.0	80.0	28	29.1	-37.6	FL 22363.6	+50 -50	Masonite	Glazed