



PUBLIC STORAGE - PS#28091
APOPKA, FLORIDA

SUBMITTED TO :

JANUS INTERNATIONAL
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WIND LOAD DESIGN DATA:

ULTIMATE DESIGN WIND SPEED (V_{ULT}): 135 MPH
 NOMINAL DESIGN WIND SPEED (V_{ASD}): 105 MPH
 RISK CATEGORY: II
 WIND EXPOSURE: C
 INTERNAL PRESSURE COEFFICIENT: 0.18

SNOW LOAD DESIGN DATA:

GROUND SNOW LOAD (P_g): 0 PSF

EARTHQUAKE LOAD DESIGN DATA:

- RISK CATEGORY: II
- SEISMIC IMPORTANCE FACTOR (I): 1.0
- SEISMIC DESIGN CATEGORY: A
- ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE (ASCE 7-10 SECTION 12.8)
- BASIC SEISMIC-FORCE-RESISTING SYSTEM: STEEL ORDINARY CANTILEVER COLUMN SYSTEM
- SITE CLASS: D
- DESIGN BASE SHEAR: BUILDING "B": 0.804^K
BUILDING "C": 1.286^K
- RESPONSE MODIFICATION FACTOR (R): 1.25
- SEISMIC RESPONSE COEFFICIENT (C_s): 0.067
- MAPPED SPECTRAL RESPONSE ACCELERATION (S_s): 7.8% G
(S_1): 3.9% G
- SPECTRAL RESPONSE COEFFICIENTS (S_{ms}): 8.4% G
(S_{m1}): 6.2% G

BUILDING DATA :

BUILDING DESCRIPTION :
 SINGLE STORY METAL BUILDINGS BOLTED TO CONCRETE SLAB FOUNDATIONS.

BUILDING SIZE :

BUILDING "B"	40' X 60'	=	2,400 sq. ft.	15'-0" EAVE HEIGHT
BUILDING "C"	40' X 96'	=	3,840 sq. ft.	15'-0" EAVE HEIGHT
TOTAL		=	6,240 sq. ft.	

PARKING DATA :
 SEE SITE PLAN BY OTHERS

BUILDING CODE :
 THE 2017 FLORIDA BUILDING CODE - 6TH EDITION

DESIGN CRITERIA :

THIS BUILDING HAS BEEN DESIGNED TO CONFORM TO THE STRUCTURAL REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE - 6TH EDITION, WITH CURRENT REVISIONS.

THIS BUILDING HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADINGS IN ADDITION TO THE DEAD LOADINGS :

ROOF LIVE LOADING :	20 psf
FLOOR LIVE LOADING:	125 psf
USE GROUP:	S-1
TYPE OF CONSTRUCTION:	II-B

IT IS THE RESPONSIBILITY OF THE BUYER/OWNER TO VERIFY THE FIREWALL, LIVE LOAD AND WIND LOAD REQUIREMENTS WITH THE LOCAL CODE AUTHORITY.

PROJECT NUMBER :
 FL20057

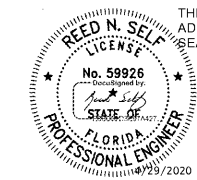
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SCHEDULE OF DRAWINGS

DRAWING NO.	DESCRIPTION
CS	COVER SHEET
CS2	BUILDING NOTES
S1	FLOOR PLANS & DETAIL
S2	CROSS SECTION & DETAILS
F1	FOUNDATION PLANS, DETAILS & NOTES

FLORIDA PRODUCT APPROVAL SUMMARY * PRESSURES ARE ALLOWABLE STRENGTH DESIGN WITH LOAD FACTOR = 0.6

FLORIDA NUMBER	PRODUCT DESCRIPTION	ALLOWABLE	ACTUAL*
FL7869.1	BETCO 236R ROOF PANEL	+52.8/-50 PSF @ 5'-0" O.C. SPACING	ZONE 1 = +22.6/-20.53 PSF ZONE 2 = +34.2/-31.38 PSF ZONE 3 = +34.2/-31.38 PSF



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