



PUBLIC STORAGE - PS#28091
APOPKA, FLORIDA

SUBMITTED TO :

JANUS INTERNATIONAL
ATTN: MORGAN HODGES
135 JANUS INTERNATIONAL BOULEVARD
TEMPLE, GEORGIA 30179
PHONE: (770) 562-2850

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: B
 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: LIGHT FRAMED WALLS WITH STEEL SHEAR PANELS
 - SITE CLASS: D
 - DESIGN BASE SHEAR: BUILDING "1": 2.850k
 - RESPONSE MODIFICATION FACTOR (R): 7.0
 - SEISMIC RESPONSE COEFFICIENT (C_s): 0.012
 - MAPPED SPECTRAL RESPONSE ACCELERATION
 (S_g): 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 BUILDING BOLTED TO CONCRETE SLAB FOUNDATION.

BUILDING SIZE :

BUILDING "1"	30' X 81'	=	2,430 sq. ft.	10'-8" EAVE HEIGHT
	191' X 236'	=	45,076 sq. ft.	10'-8" EAVE HEIGHT
TOTAL		=	47,506 sq. ft.	

PARKING DATA :

SEE SITE PLAN BY OTHERS

BUILDING CODE :

THE 2017 FLORIDA BUILDING CODE

DESIGN CRITERIA :

THIS BUILDING HAS BEEN DESIGNED TO CONFORM TO THE STRUCTURAL REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE, 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 :

FL20016

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

FLORIDA NUMBER	PRODUCT DESCRIPTION	ALLOWABLE	ACTUAL*
FL7869.1	BETCO 236R WALL PANEL	+139.6/-110.6 PSF @ 3'-0" O.C. SPACING	ZONE 4 = +16.62/-18.12 PSF ZONE 5 = +16.62/-21.23 PSF
FL7869.2	BETCO 316 ROOF PANEL	+59.5/-80.0 PSF @ 5'-0" O.C. SPACING	ZONE 1 = +10.00/-19.87 PSF (10 ft) ZONE 2 = +10.00/-33.00 PSF (10 ft) ZONE 3 = +10.00/-49.68 PSF (10 ft)

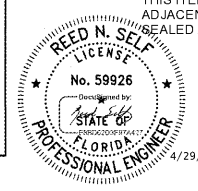
NOTE: DETAIL LABELS CONTAINED WITHIN THIS SET OF PLANS MAY REFERENCE THE ERECTION DRAWINGS MARKED IN THIS SCHEDULE. EXAMPLE: DETAIL A/900 REFERS TO DETAIL "A" LOCATED ON ERC900X.

ERECTION DRAWINGS

ERC010X	ERC200X	ERC420X	ERC619X	ERC750X
ERC016X	ERC201X	ERC500X	ERC620X	ERC751X
ERC100X	ERC202X	ERC505X	ERC621X	ERC752X
ERC105X	ERC203X	ERC506X	ERC622X	ERC753X
ERC106X	ERC204X	ERC515X	ERC623X	ERC754X
ERC110X	ERC206X	ERC600X	ERC624X	ERC800X
ERC112X	ERC207X	ERC601X	ERC625X	ERC900X
ERC115X	ERC208X	ERC602X	ERC629X	ERC901X
ERC120X	ERC209X	ERC603X	ERC630X	ERC902X
ERC130X	ERC250X	ERC604X	ERC631X	ERC903X
ERC150X	ERC250XPH	ERC605X	ERC650X	ERC904X
ERC151X	ERC251X	ERC606X	ERC651X	ERC905X
ERC152X	ERC251XPH	ERC607X	ERC652X	ERC906X
ERC153X	ERC252X	ERC608X	ERC700X	ERC908X
ERC154X	ERC251XPH	ERC609X	ERC710X	ERC910X
ERC155X	ERC253X	ERC610X	ERC711X	ERC911X
ERC175X	ERC254X	ERC611X	ERC712X	ERC912X
ERC176X	ERC255X	ERC612X	ERC713X	ERC913X
ERC177X	ERC256X	ERC613X	ERC720X	ERC914X
ERC178X	ERC257X	ERC614X	ERC725X	ERC915X
ERC179X	ERC258X	ERC615X	ERC730X	ERC916X
ERC180X	ERC260X	ERC616X	ERC731X	ERC917X
ERC181X	ERC262X	ERC617X	ERC731XPH	ERC918X
ERC182X	ERC410XFL	ERC618X	ERC732X	ERC262X
ERC183X	ERC411X	ERC618XALT	ERC732XPH	ERC260X

SCHEDULE OF DRAWINGS

DRAWING NO.	DESCRIPTION
CS1	COVER SHEET
CS2	BUILDING NOTES
CS3	APPLICATION OF EXTERIOR GYPSUM SHEATHING
S1	BUILDING ELEVATIONS
S2	FLOOR PLAN & NOTES
S3	CROSS SECTION & DETAILS
S4	BUILDING DETAILS
S5	BUILDING DETAILS
S6	STRAP BRACING LAYOUT
S7	FRAMING ELEVATION & DETAIL
S8	FRAMING ELEVATIONS
S9	FRAMING ELEVATION
S9A	ROOF PANEL LAYOUT
F1	FOUNDATION PLAN & NOTES
F2	FOUNDATION DETAILS



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY REED SELF ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES