

BUILDINGS AND MORE
792 SW BASCOM NORRIS DR.
LAKE CITY, FL 32025

DATE: 10/13/25

PINNACLE SITE SOLUTIONS

JOB NO: 9249R1

BUILDING SIZE:

| Bldg. A: | BLDG B: | BLDG C: | BLDG D: |
|---------------------|------------------|-----------------|-----------------|
| WIDTH : 50 ft. | WIDTH : 25 ft. | WIDTH : 25 ft. | WIDTH : 28 ft. |
| LENGTH : 251.33 ft. | LENGTH : 76 ft. | LENGTH : 76 ft. | LENGTH : 12 ft. |
| EAVE HT : 21 ft. | EAVE HT : 13 ft. | EAVE HT: 13 ft. | EAVE HT: 10 ft. |

JOB SITE: HIGH SPRINGS, FL 32643

To Whom It May Concern:

This Letter of Design Certification ensures that primary and secondary framing furnished by Metal Building Manufacturer are designed in accordance with information specified to Metal Building Manufacturer on the order documents and summarized by loading information below.

DESIGN LOAD CRITERIA:

Building Code:FBC 23/8th Edition
Roof Dead Load(D): 3.75 psf plus wt. of metal bldg structure (BLDG A)
Roof Dead Load(D): 4.00 psf plus wt. of metal bldg structure (BLDG B)
Roof Dead Load(D): 2.75 psf plus wt. of metal bldg structure (BLDG C)
Roof Dead Load(D): 2.50 psf plus wt. of metal bldg structure (BLDG D)
Roof Live Load(Lr): 20.00 psf (BLDG A,B,C,D)
Tributary Live Load Reduction:Yes
Collateral Load(C) : 3.00 psf (BLDG A,B,C) Snow Thermal Coef. Ct : 1.2000
Collateral Load(c) : 1.00 psf (BLDG D)
Building Risk Category : II - Normal Snow Imp. Fac. : 1.0000
Wind Speed Ultimate : 122 mph Seismic Use Group (SUG) : II - Normal
Nominal : 94.50 mph Seismic Site Class : D
Wind Exp. Cat : C Mapped Response (Ss) : 0.1100
Serviceability Wind : 10 -year MRI Mapped Response (S1) : 0.0550
Enclosure Type : Enclosed (BLDG A,C,D) Design Response (Sds) : 0.1000
Enclosure Type : Partially Enclosed (BLDG B)
Internal Wind Coef. : -0.18/0.18 Design Response (Sd1) : 0.0800
Rigid Frame (Cs) : 0.0334
Ground Snow Load(Pg) : 0.00 psf Design Category (SDC) : B
Roof Snow Load : 0.00 psf Seismic Importance : 1.00
Snow Exp. Fac : 1.0000 Res Mod Factor(OMF)R : 3.000* (BLDG A,B,C,D)
Res Mod Factor (Brc) R : 3.000* (BLDG A,B,C,D)

*=STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE.

COMPONENTS & CLADDING (unfactored)

(BLDG A)
Wall Field Values : 35.583 psf / -38.599 psf
Wall Edge Values : 35.583 psf / -47.645 psf
(BLDG B)
Wall Field Values : 39.835 psf / -42.308 psf
Wall Edge Values : 39.835 psf / -49.726 psf
(BLDG C)
Wall Field Values : 29.670 psf / -32.143 psf
Wall Edge Values : 29.670 psf / -39.561 psf
(BLDG D)
Wall Field Values : 29.670 psf / -29.670 psf
Wall Edge Values : 29.670 psf / -54.396 psf

REFERENCE DESIGN STANDARDS:

- *AISC Specification for Structural Steel Buildings-Allowable stress design, 360-16.
- *ANSI North-American Specification for the Design of Cold-Formed Steel Structural Members, 2016 (2020) w/S2 Edition.
- *MBMA Low Rise Building Systems Manual, Latest Edition.
- *AISC Design Guide 3, "Serviceability Design Consideration for Steel Buildings, Second Edition"
- *AWS Latest Edition of Structural Welding Code-Steel.
- * FBC 23/8th Edition are using the ASCE7-22.

This certification is limited to the structural design of the frames, secondary, and roof/wall covering manufactured or supplied by Metal Building Manufacturer only and excludes Accessory items such as doors, windows, louvers, translucent panels, and ventilators. This certification specifically excludes any foundation, masonry, erection of building and general contract work.

The undersigned is not the engineer of record for the overall project.

Sincerely,

Richard T. Smith, P.E.



This item has been digitally signed and sealed by Richard T Smith on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.