
MOURAS BARN

539.83'

SW STERLING TER.

856.22¹

-EXISTING
HOME UNDER
CONSTRUCTION

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE 140 MPH, V_WT 3 SECOND GUST AND 108 MPH V_{AD} WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2013 EDITION AND ASCE 1.

Greenleaf
Design Services, Inc.
1311 W. MARVIN ST. LONGWOOD, FL 32750

PROJECT: MOURAS BARN
735 SW STERLING TER.

SHEET TITLE

PLAN SITE

CHKD: DRAWN BY:

PLOT DATE:	7/31/2024
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SHEET
NUMBER
A-01

SIGN & SEAL

LEGAL DESCRIPTION

COMM AT NW COR OF SEC, RUN S 80.15
FT TO S R/W OF C R 178, E ALONG R/W
698.08 FT, S 3054.10 FT FOR POB, CONT
S 856.22 FT, E 539.83 FT, N 853.56 FT, W
540.28 FT TO POB, AKA PARCEL 7,
SUMMERS ACRES UNR ORB 994-2498. WD
1160-2117, WD 1451-1700

SITE PLAN

SCALE: 1" = 50'-0"

A circular professional engineer seal for William F. Sturke. The outer ring contains the text "WILLIAM F. STURKE" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the word "LICENSE" at the top, "No. 22150" in the center, and "STATE OF FLORIDA" at the bottom, also separated by two stars.

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

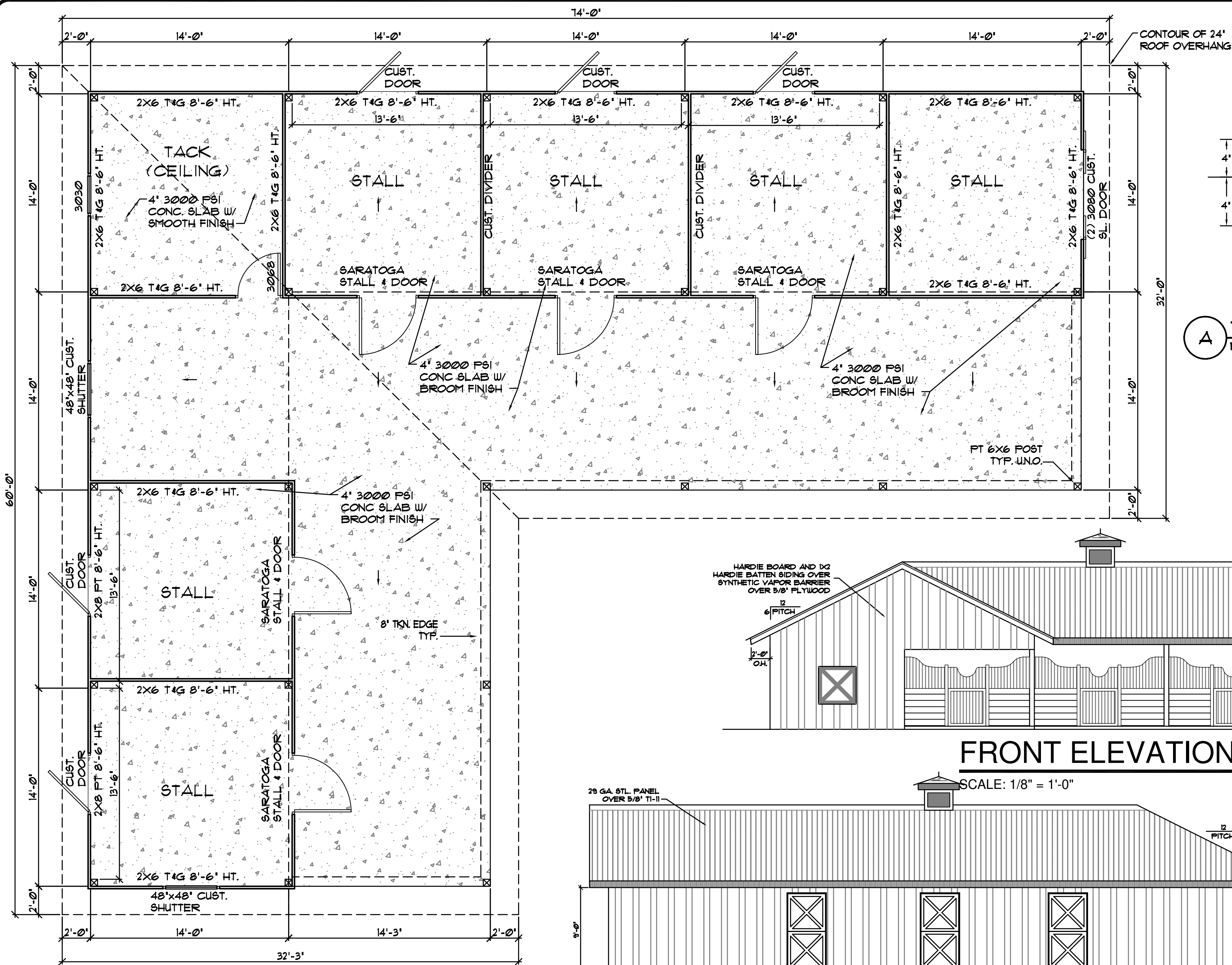
Digitally
signed by
William
Stuhrke

Date:
2024.07.31
13:28:09 -04'00'

ENGINEERING

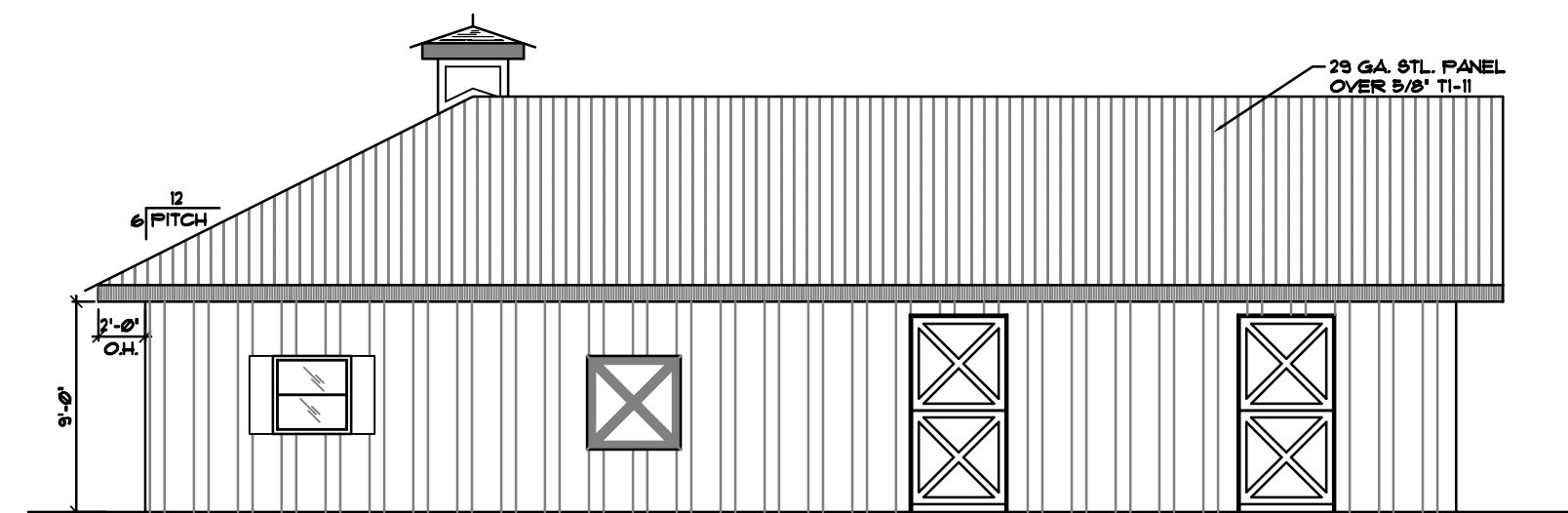
William F. Stuhrke, PhD, P.E.
State of Florida PE # 22150
12215 Rebeccas Run Dr.
Winter Garden, FL 34787
Phone (407) 920-3119
wfstuhrke@gmail.com

DRAWING NUMBER
202400023



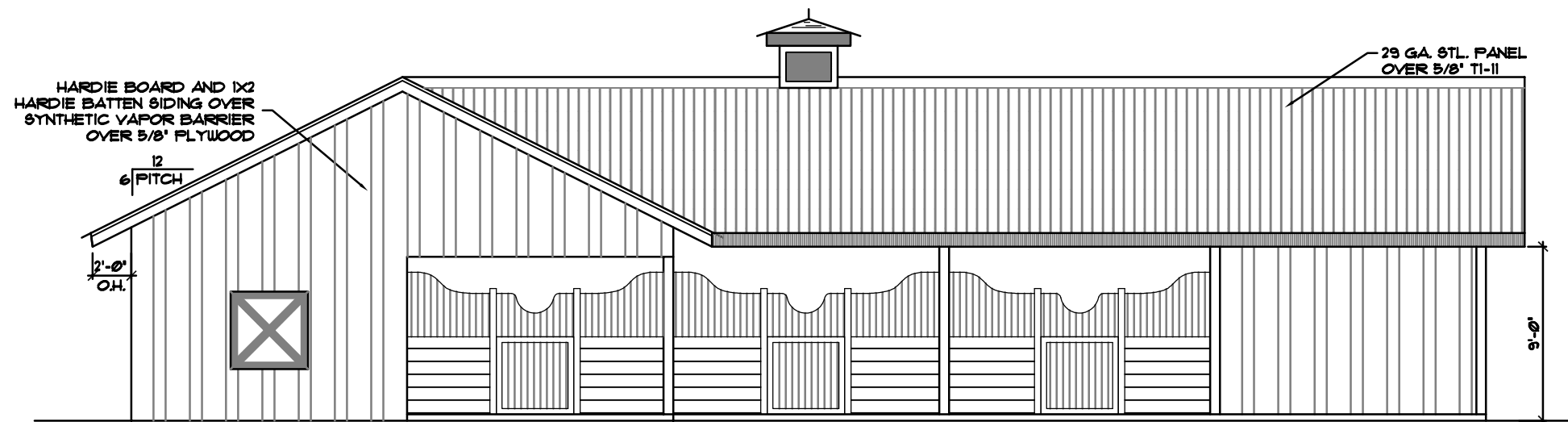
FLOOR PLAN

SCALE: 3/16" = 1'-0"



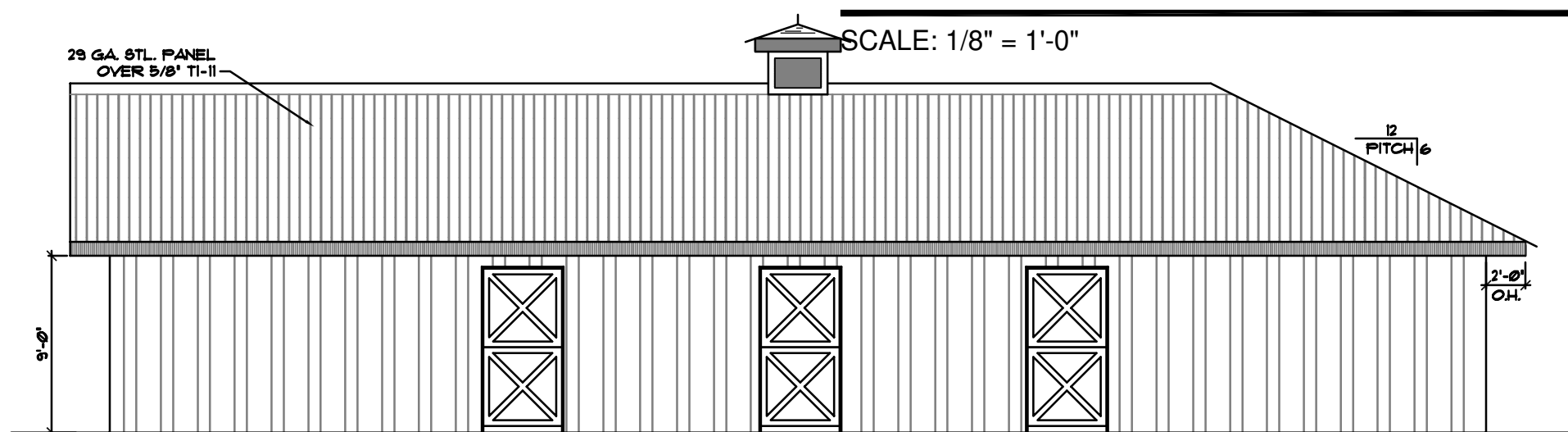
LEFT ELEVATION

SCALE: 1/8" = 1'-0"



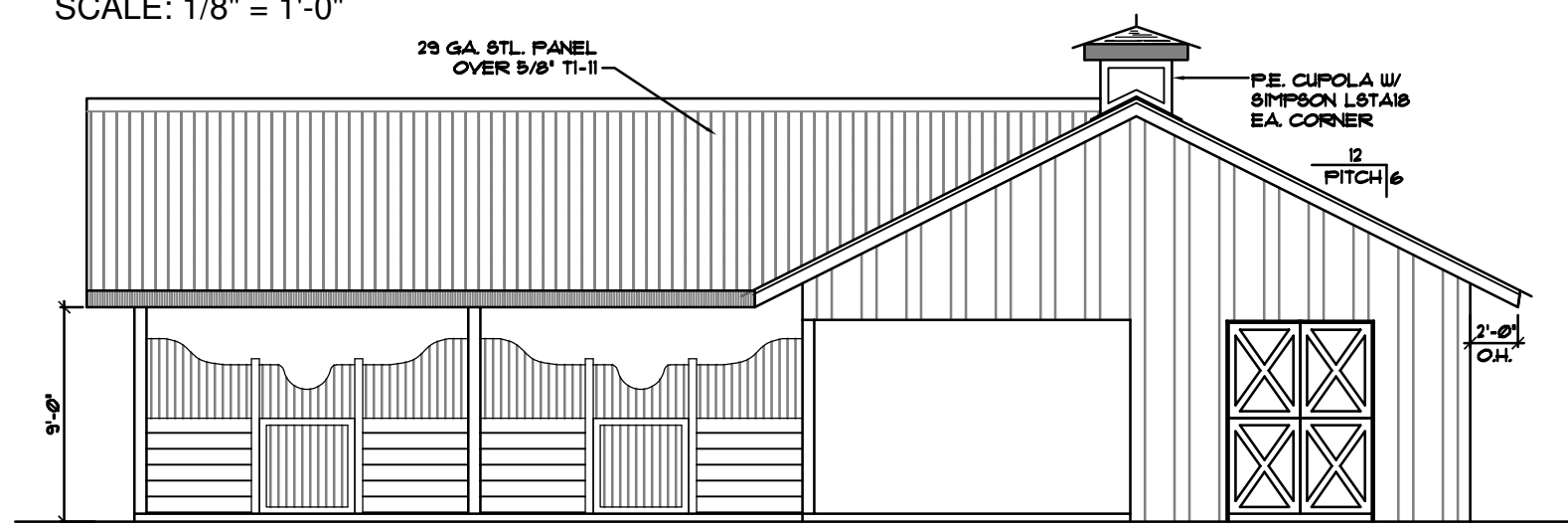
FRONT ELEVATION

SCALE: 1/8" = 1'-0"



REAR ELEVATION

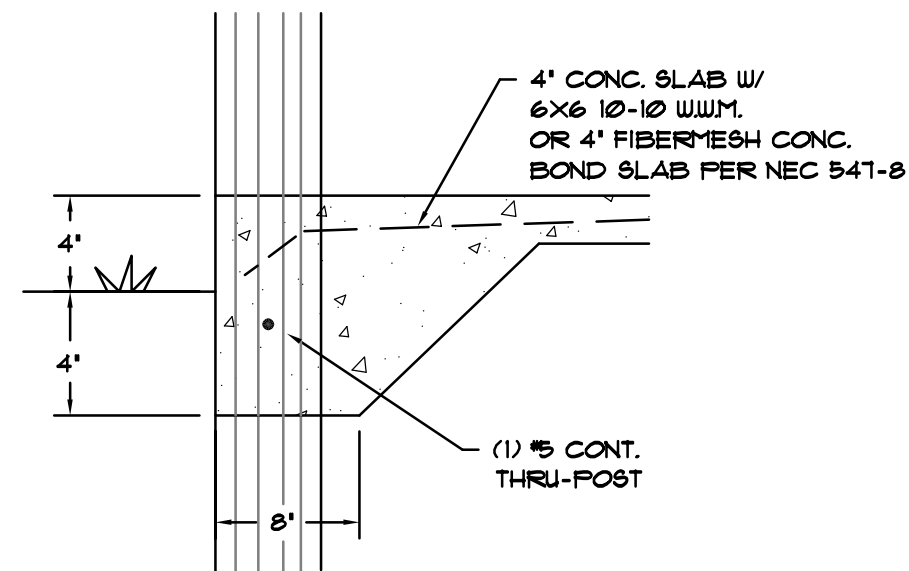
SCALE: 1/8" = 1'-0"



RIGHT ELEVATION

SCALE: 1/8" = 1'-0"

NOTE:
FOR DOOR AND WINDOW PRESSURE
REQUIREMENTS SEE SHEET DS-01 - 'WIND
REQUIREMENTS COMPONENTS AND CLADDING'



A TYP. TKN. EDGE
N.T.S.

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED
THE 140 MPH V&I 3 SECOND GUST AND 100 MPH V&I WIND
LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2023
EDITION AND ASCE 7.

Greenleaf
DESIGN SERVICES, LLC
2215 REBECCAS RUN DR.
WINTER GARDEN, FL 32787
(407) 920-3119

PROJECT:
MOURAS BARN
135 SW STERLING TER.
HIGH SPRINGS, FL 32038

SHEET TITLE
FLOOR PLAN
AND ELEVATIONS

CHKD: DRAWN BY: MIKE D
PLOT DATE: 7/3/2024
DRAWING NAME: AFOURDRAFT/MIKE

SHEET
NUMBER
A-02
- OF -

SIGN & SEAL

Digitally
signed by
William
Stuhrke
Date:
2024.07.31
13:28:36 -04'00'



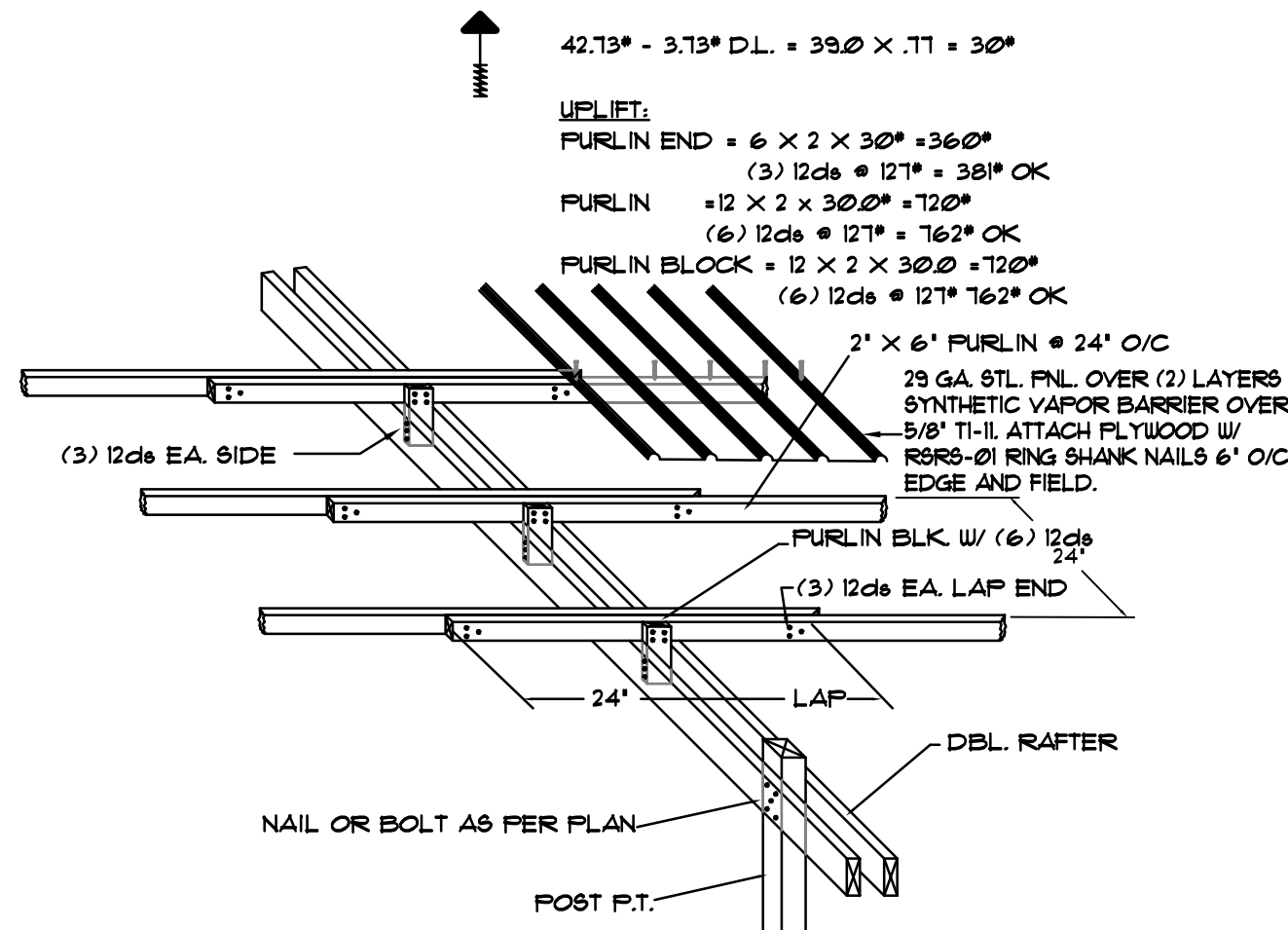
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ENGINEERING

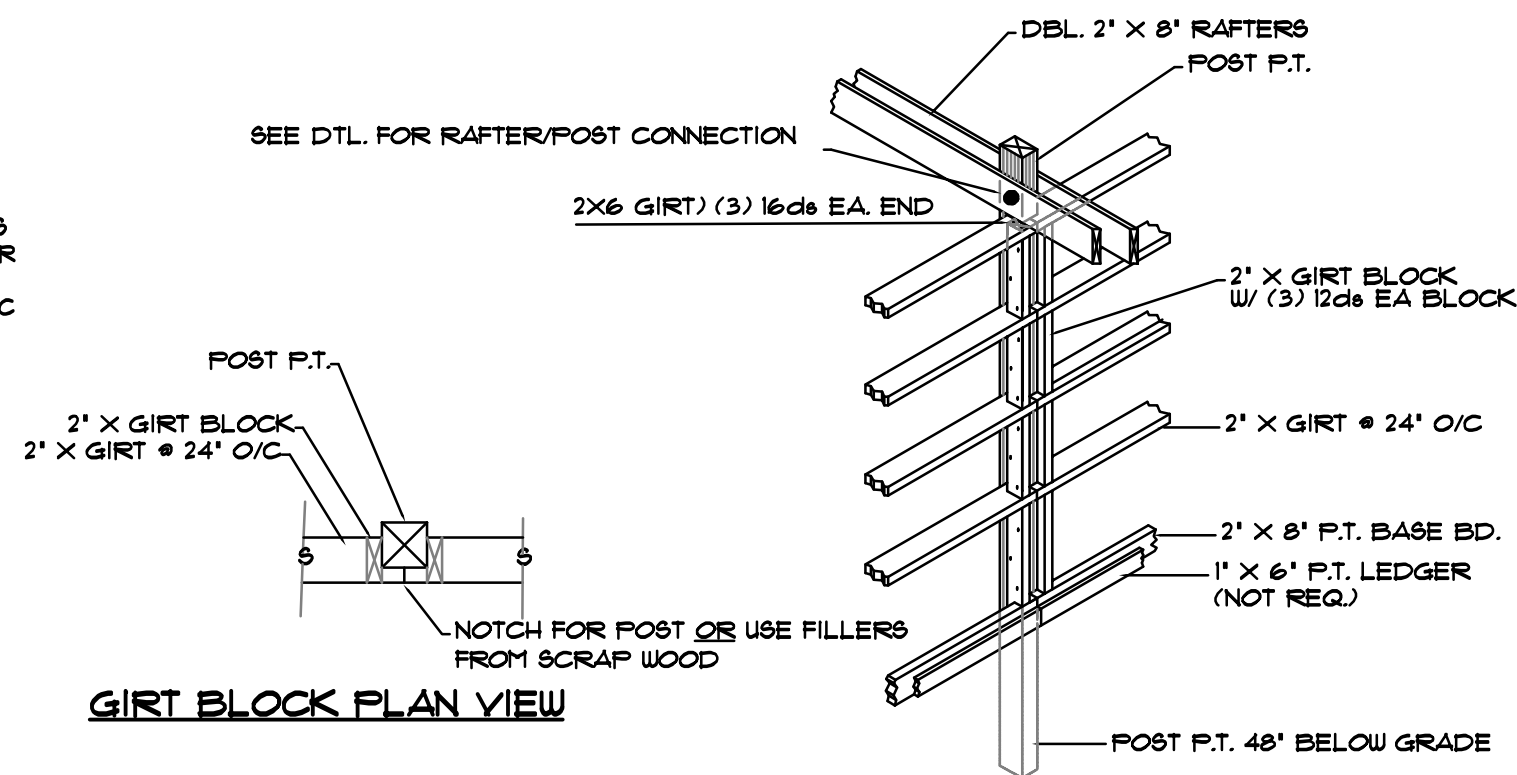
William F. Stuhke, PhD, P.E.
State of Florida PE # 22150
12215 Rebeccas Run Dr.
Winter Garden, FL 34787
Phone (407) 920-3119
wfstuhrke@gmail.com

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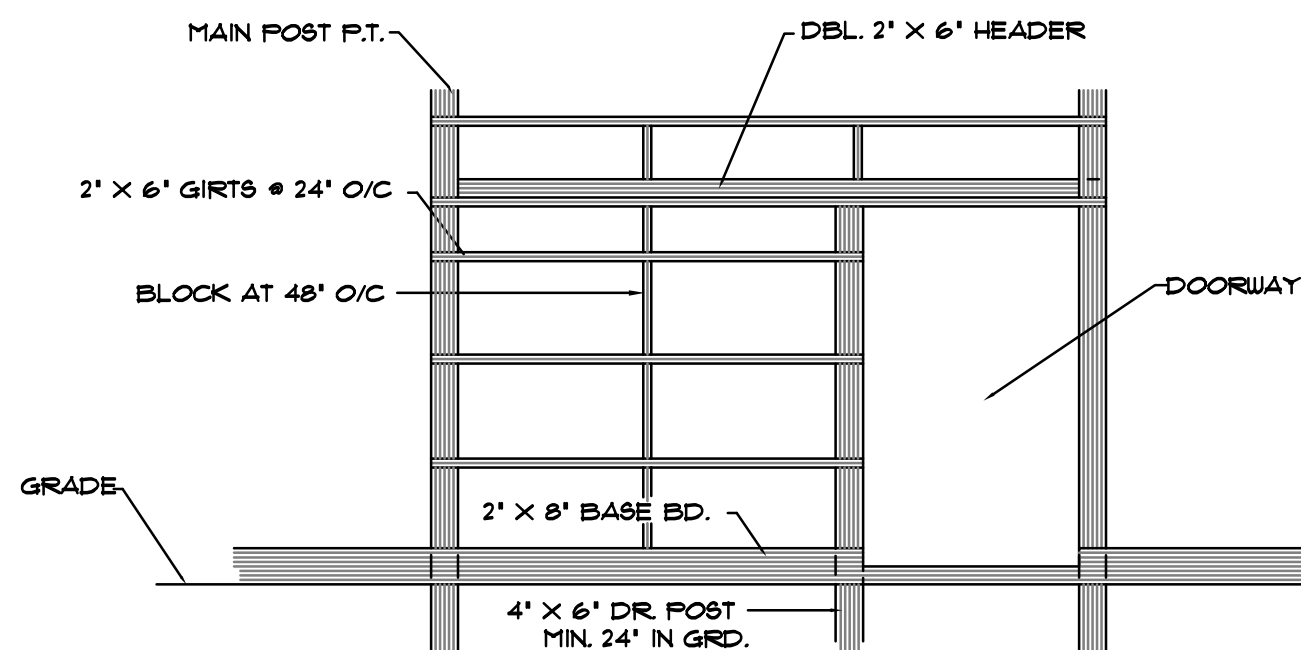




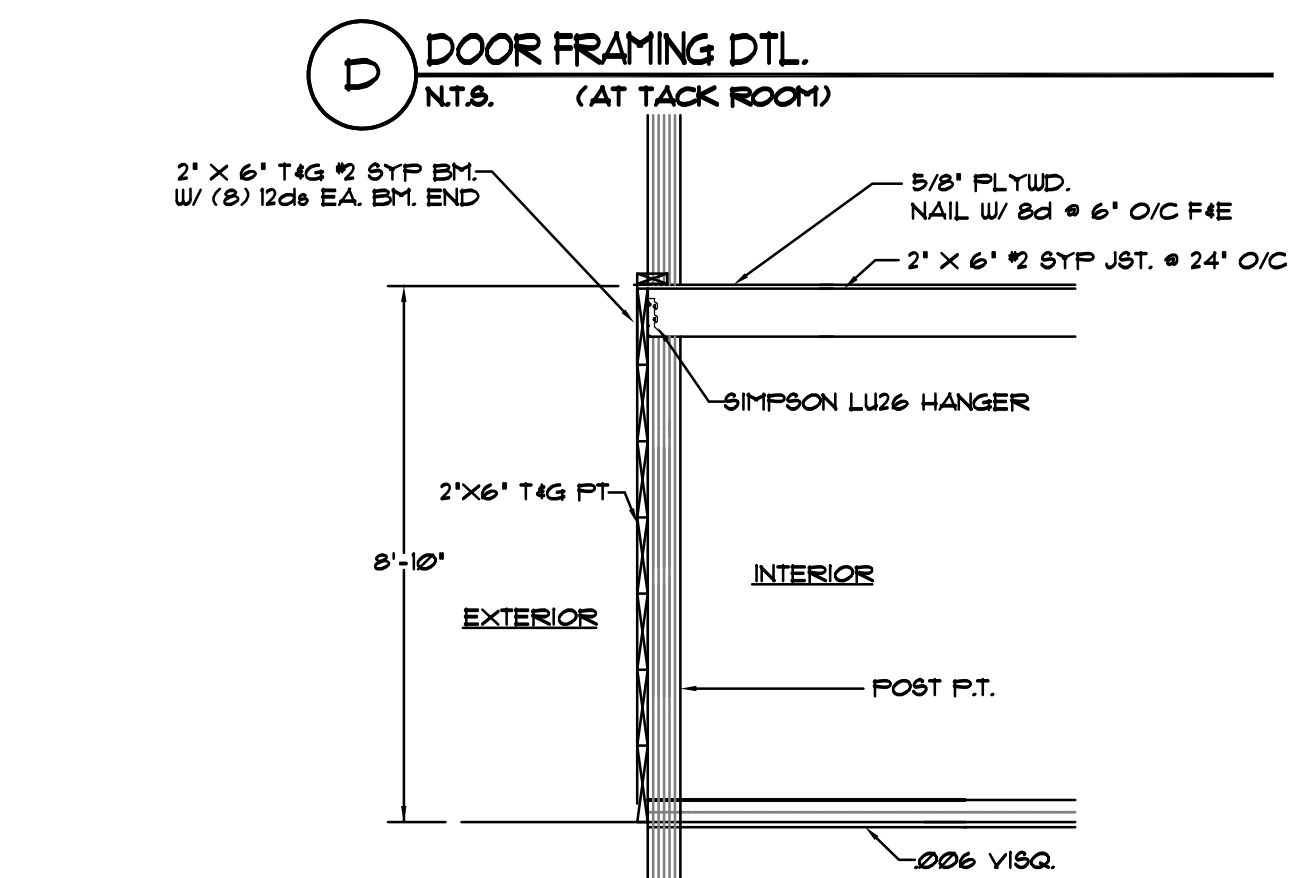
A 12 FT. BAY PURLIN SPLICE DTL.
N.T.S.



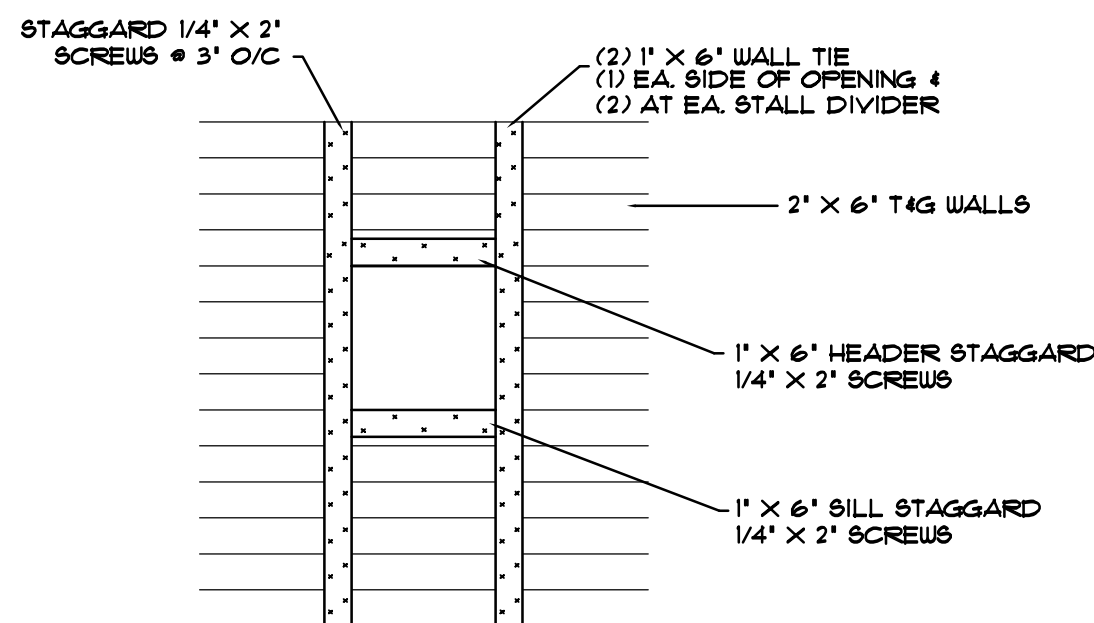
B GIRT BLOCK DETAIL
N.T.S.



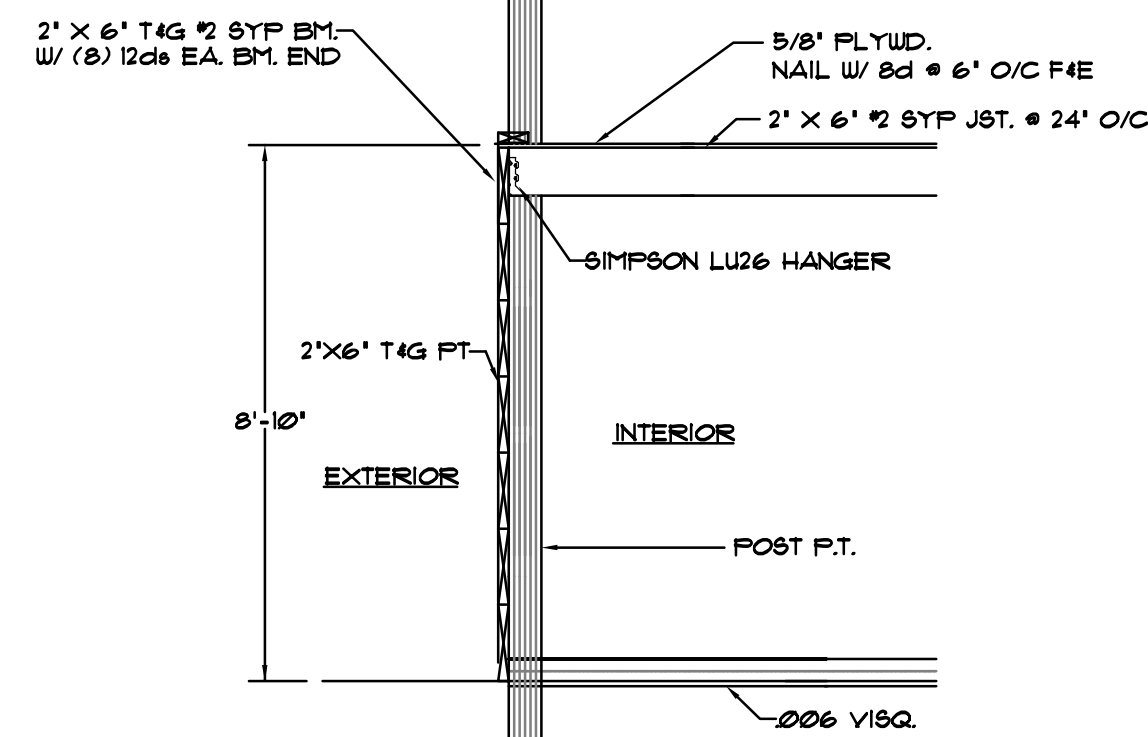
C SCREW PLACEMENT PLAN
N.T.S.



D DOOR FRAMING DTL.
N.T.S. (AT TACK ROOM)



E WINDOW FRAMING DTL.
N.T.S.

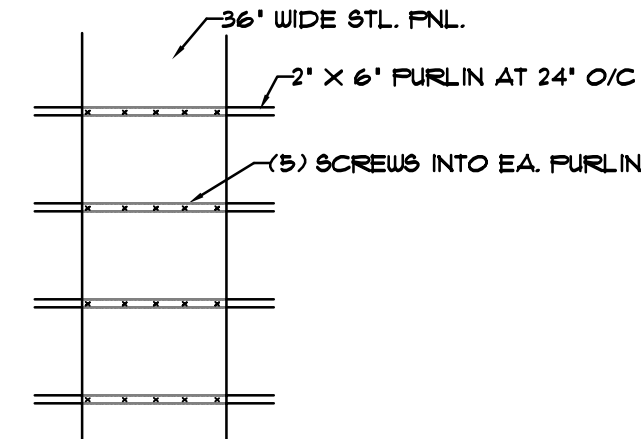


F TACK / FEED ROOM CEILING DETAIL
N.T.S.



Digitally signed by
William
Stuhrke
Date:
2024.07.31
13:29:56 -04'00'

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FLORIDA PRODUCT APPROVALS

METAL FNL. SIDING: 29 GA. MID FL. METAL ROOFING SUPPLY FL. #31391.1
METAL FNL. ROOFING: 29 GA. MID FL. METAL ROOFING SUPPLY FL. #23492.1
WINDOWS: PGT WINDOWS FL. 239.2
DOORS - THERMA-TRU - FL21135.1
UNDERLAYMENT - LEVI'S BUILDING COMPONENTS FL #41620-R1

WIND REQUIREMENTS

BASIC WIND SPEED = 140 MPH (3 SEC. GUST)

BLDG. CATEGORY = I

WIND IMPORTANCE FACTOR = 0.11

WIND EXPOSURE CATEGORY = B

DESIGN WIND LOADS:

WALLS = +23.8 -28.93 PSF

ROOF = +11.16 -37.05 PSF

COMPONENTS & CLADDING:

WALLS = +27.14 -33.18 PSF

ROOF = +12.98 -42.13 PSF

3030 WDW. = +35.3 -47.2 PSF

4080 DR. = +33.7 -44.0 PSF

3068 DR. = +35.3 -38.2 PSF

ROOF LOADS:

L.L. = 20*

D.L. = 05*

BLDG. CLASSIFICATION:

*

GENERAL NOTES:

- 1.) ALL LUMBER TO BE #2 S.Y.F.
- 2.) BEARING POSTS TO BE 06 PCF C.C.A. OR 06 PCF ACQ.
- 3.) NAILS TO BE 131 X 12d GALV. GUN NAILS.
- 4.) BOLTS TO BE A307 W/ WASHERS.
- 5.) IF ACQ TREATED LUMBER IS USED, NAILS TO BE HOT V. DIPPED GALV.

ENGINEERING

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DATE	MARK	REMARK

REVISIONS

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE 140 MPH V&I 3 SECOND GUST AND 100 MPH V&I WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2023 EDITION AND AGC 1.

Greenleaf
DESIGN SERVICES, INC.
2010 W. UNIVERSITY AVENUE
SUITE 100
ORLANDO, FL 32817
(407) 461-1888

PROJECT: MOURAS BARN
135 SW STERLING TER.
HIGH SPRINGS, FL 32038

SHEET TITLE

DETAILS

CHD: DRAWN BY: MIKE D

DATE: 7/3/2024

DRAWING NAME: DS-01DETAILS.dwg

SHEET
NUMBER
DS-01
- OF -

SIGN & SEAL