

ADDRESS

523 SW UPSTAGE GLEN
LAKE CITY, FL 33024

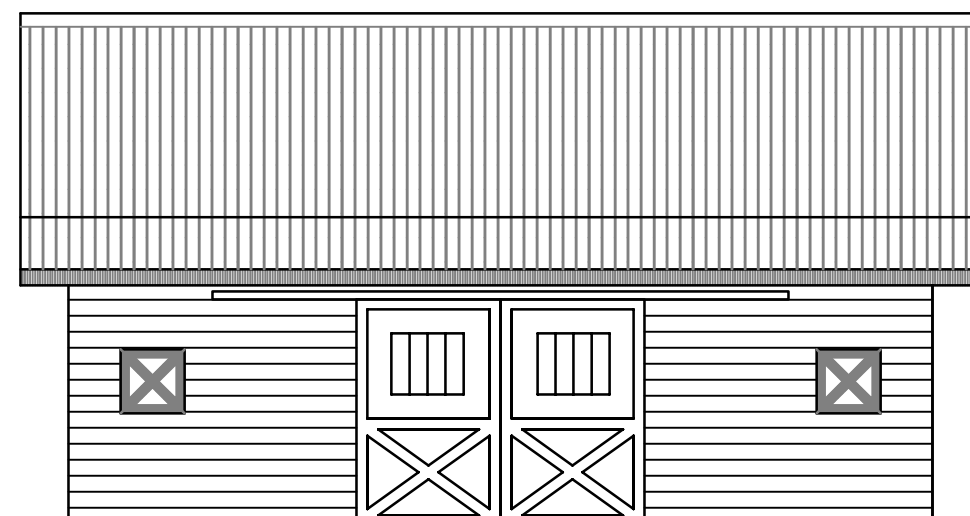
KNOLL BARN
LAKE CITY, FL 33024

DESIGNER



Green leaf
Design Services, Inc.
RESIDENTIAL AND COMMERCIAL DESIGN
1311 W. MARVIN ST. LONGWOOD, FL 32750
(407) 462 - 4489

FRONT ELEVATION



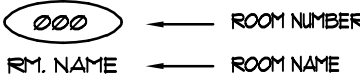
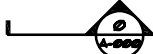
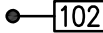
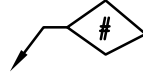
DRAWINGS INDEX

[illegible]

ABBREVIATIONS

ABV.	ABOVE	E.J.	EXPANSION JOINT	MAS.	MASONRY	R.D.	ROOF DRAIN
ACT.	ACTUAL	ELEC.	ELECTRICAL	MATL.	MATERIAL	RTU	ROOF TOP UNIT
ADJ.	ADJUSTABLE	E.L.ELEV.	ELEVATION	MAX.	MAXIMUM	R.M.	ROOM
A.F.F.	ABOVE FINISHED FLOOR	EQUIP.	EQUIPMENT	MECH.	MECHANICAL	R.O.	ROUGH OPENING
AHU	AIR HANDLING UNIT	EQUIV.	EQUIVALENT	MFR.	MECHANICAL, ELECTRICAL, PLUMBING	S/A	SUPPLY
ALU.	ALUMINUM	ESCAL.	ELECTRIC WATER HEATER	ALU.	ALUMINUM	S.C.	SANITARY ACoustical CEILING
AND.	ANDIZED	E.W.C.	ESCALATOR	WFR	WALL FABRICATOR	SAN.	SANITARY
ANPROX.	APPROXIMATE	E.X.T.	EXTERIOR	MIN.	MINIMUM	S.C.	SOLID CORE
ARCH.	ARCHITECTURAL	F.C.O.	FLOOR CLEAN OUT	MISC.	MISCELLANEOUS	S.F.	SQUARE FOOT
		F.D.	FLOOR DRAIN	M.S.	MASONRY OPENING	SIM.	SIMILAR
		F.F.	FLOOR SINK	W.S.G.	WALL MANUFACTURER STANDARDS GAGE	SPEC.	SPECIFICATIONS
BD.	BOARD	F.S.	FIRE EXTINGUISHER	WTD.	MOUNTED	SPKLR.	SPRINKLER
BLDG.	BUILDING	F.C.C.	FIRE EXTINGUISHER AND CABINET			SQ.	SQUARE
BLCK.	BLACK	F.H.C.	FIRE HOSE CABINET	N.L.C.	NOT IN CONTRACT	S/S	STAINLESS STEEL
BLKG.	BLOCKING	F.N.C.	FINISH	NONCOM.	NONCOMBUSTIBLE	STRUCT.	STRUCTURAL
BM.	BEAM	FLR.	FLOOR	N.T.S.	NOT TO SCALE	STD.	STANDARD
B.F.F.	BELOW FINISHED FLOOR	FLUR.	FLOURESCENT			STL.	STEEL
BOT.	BOTTOM	FTG.	FOOTING	O.C.	ON CENTER	SUSP.	SUSPENDED
		GA.	GAUGE	O.D.	OVERFLOW DRAIN	S&R	SHELF AND ROD
CLG.	CEILING	GALV.	GALVANIZED	O.H. DR.	OVERHEAD DOOR.	THK.	THICK
C.J.	CONTROL JOINT	G.C.	GENERAL CONTRACTOR	OPNG.	OPENING	T.O.S.	TOP OF STEEL
C.C.	CENTER LINE	G.C.	GENERAL CONTRACTOR	P.L.	PLATE	T.O.W.	TOP OF WALL
C.M.U.	CLEAR OUT	G.I.	GROUND FAULT INTERCEPTOR	PLAM	PLASTIC LAMINATE	TRO.	TREAD
COL.	CONCRETE MASONRY UNIT	GND.	GALVANIZED IRON	PLAS.	PLASTER	TYP.	TYPICAL
CONTIN.	CONTINUOUS	GYP.	GYPSUM	PLY.WD.	PLYWOOD	U.N.O.	UNLESS NOTED OTHERWISE
CONTR.	CONTRACTOR	HDWD.	HARDWOOD	P.N.L.	PANEL	V.C.T.	VINYL COMPOSITION TILE
CONC.	CONCRETE	HDMR.	HARDWARE	P.O.B.	POINT OF BEGINNING	VERT.	VERTICAL
CT	COLD WATER	H.C.	HANDICAP	POL.	POLISHED	VEST.	VESTIBULE
DBL.	DOUBLE	H.S.	HANDSINK	PREFAB.	PREFABRICATED	V.I.F.	VERIFY IN FIELD
DEG.	DEGREE	H.M.	HOLLOW METAL	P.T.	PRESSURE TREATED		
DEPT.	DEPARTMENT	HOR.	HORIZONTAL	P.S.F.	POUNDS PER SQUARE FOOT		
DETL.	DETAIL	H.P.	HIGH POINT	P.S.I.	POUNDS PER SQUARE INCH		
DIAM.	DIAMETER	HR.	HOUR	PT	POINT	W/	WITH
DI.	DIMENSION	HT.	HEIGHT	QT	QUARRY TILE	W/O	WITHOUT
DM.	DOWN	HW	HOT WATER			W.C.	WALL CLEAN OUT
DR.	DOOR	I.D.	INSIDE DIAMETER	R	RISER	W.D.	WOOD
DS	DOWN SPOUT	INCAND.	INCANDESCENT	R/A	RETURN AIR	WH	WATER HEATER
DWG.	DRAWING	INSUL.	INSULATION	REBAR	REINFORCING BAR	WT	WEIGHT
		JAN.	JANITOR	RECEPT.	RECEPTACLE	W.W.F.	WELDED WIRE FABRIC
EA.	EACH	JST.	JANITOR	REF.	REFERENCE	W.W.M.	WELDED WIRE MESH
E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM	JST.	JANITOR	REINF.	REINFORCED	YD	YARD
		REQD.	REQUIRED	REQD.	REQUIRED		

ARCHITECTURAL SYMBOLS

 INTERIOR ELEVATIONS	 DOOR NUMBER INDICATION
 WALL SECTIONS	 ROOM NUMBER RM. NAME
 BUILDING SECTIONS	 EXTERIOR WALL TYPES
DRAWING NO. → SHEET NO. →  EXTERIOR ELEVATIONS	FEO- FIRE EXTINGUISHER
 KEYNOTES	 WALL / PARTITION TYPE IDENTIFICATION
 REVISIONS	 EL. 0'-00" AFF. REF. POINT ELEVATION DATUM POINT
 ENLARGED DETAILS OR FLOOR PLAN	FLOOR PLAN SCALE: 1/4" = 1' FLOOR PLAN DRAWING TITLE

NARRATIVE:
THE PURPOSE OF THESE PLANS IS TO
PROVIDE CONSTRUCTION DRAWINGS
FOR A WOOD POST FRAME BARN.



This item has been electronically signed and sealed by William F. Stuhke on the Date/Time stamp shown using a digital signature. Printed copies of the document are not considered signed and sealed and the signature must be verified on any electronic copies.

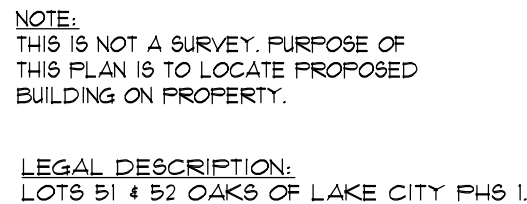
Digitally signed
by William
Stuhrke
Date:
2023.04.27
20:35:39 -04'00'



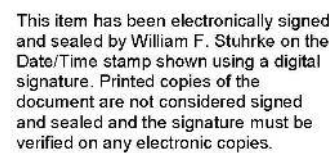
ENGINEERING

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

UNO I PARNI



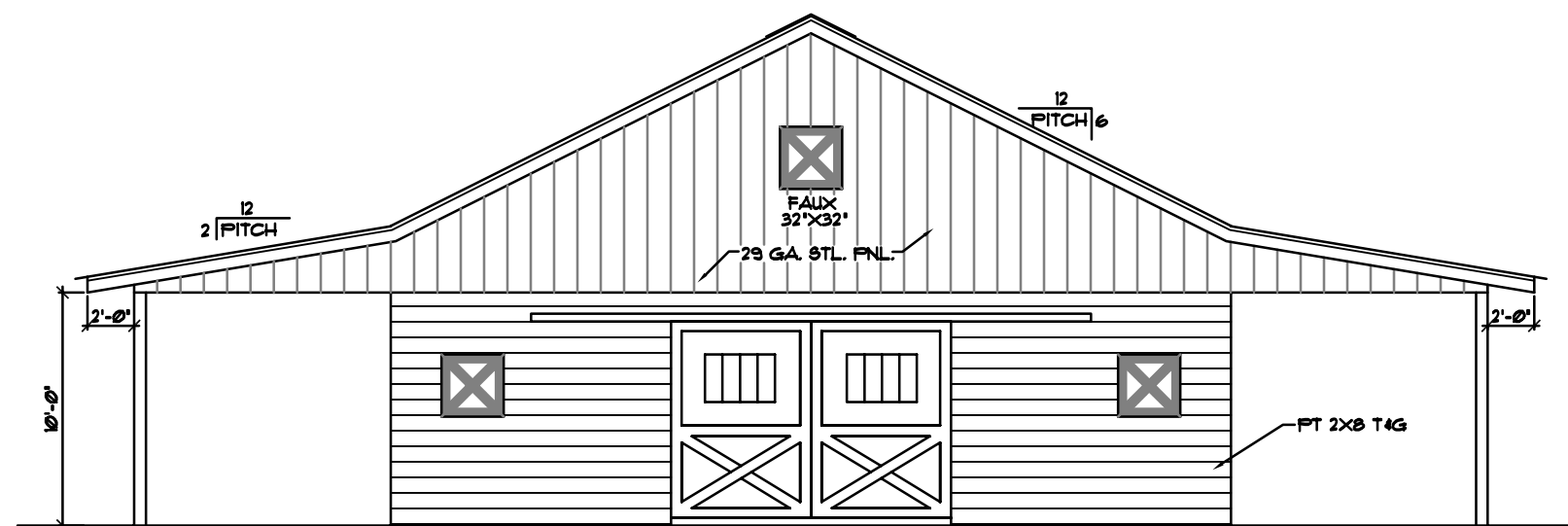
SCALE: 1" = 100'-0"



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

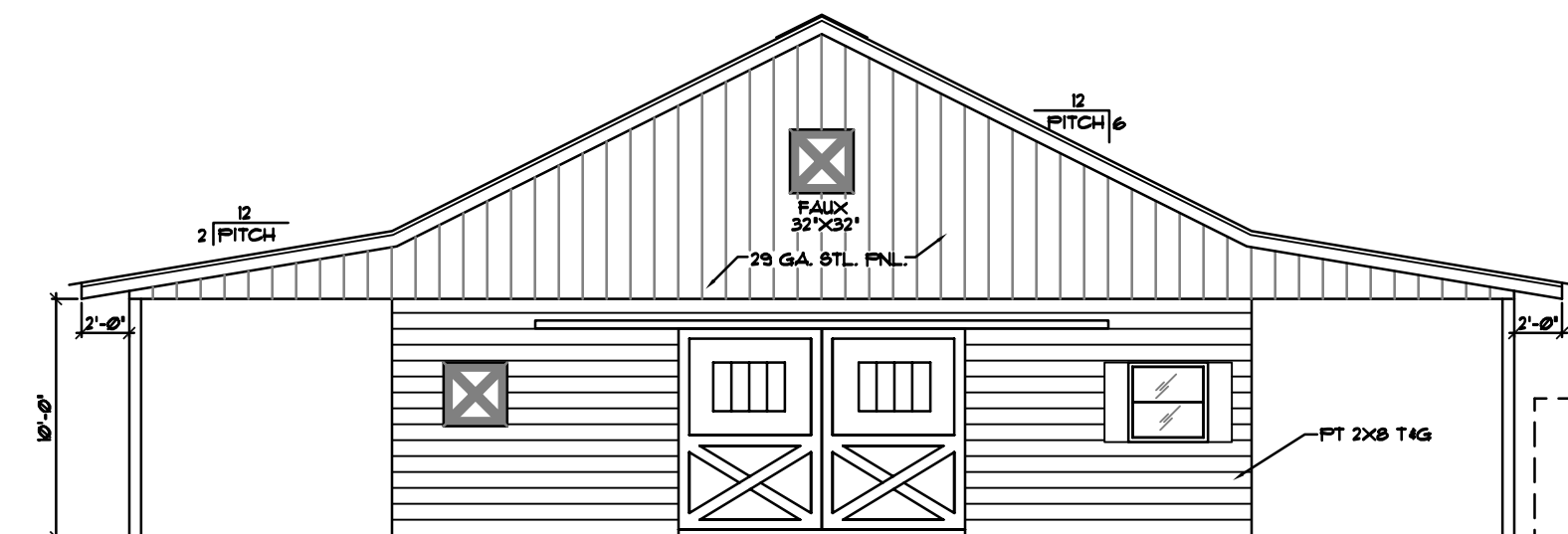
DRAWING NUMBER
202300035





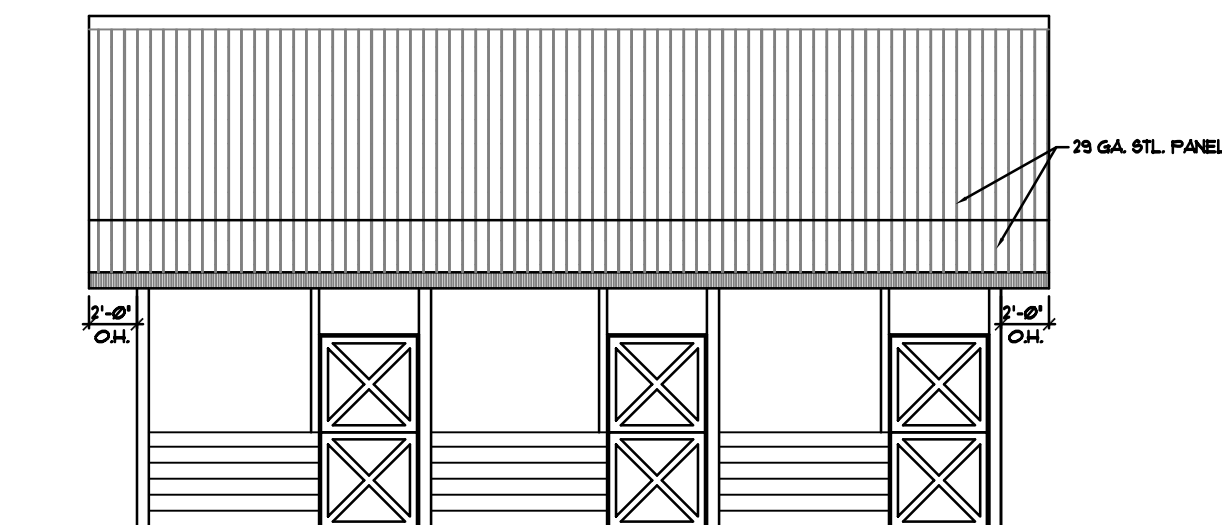
RIGHT ELEVATION

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



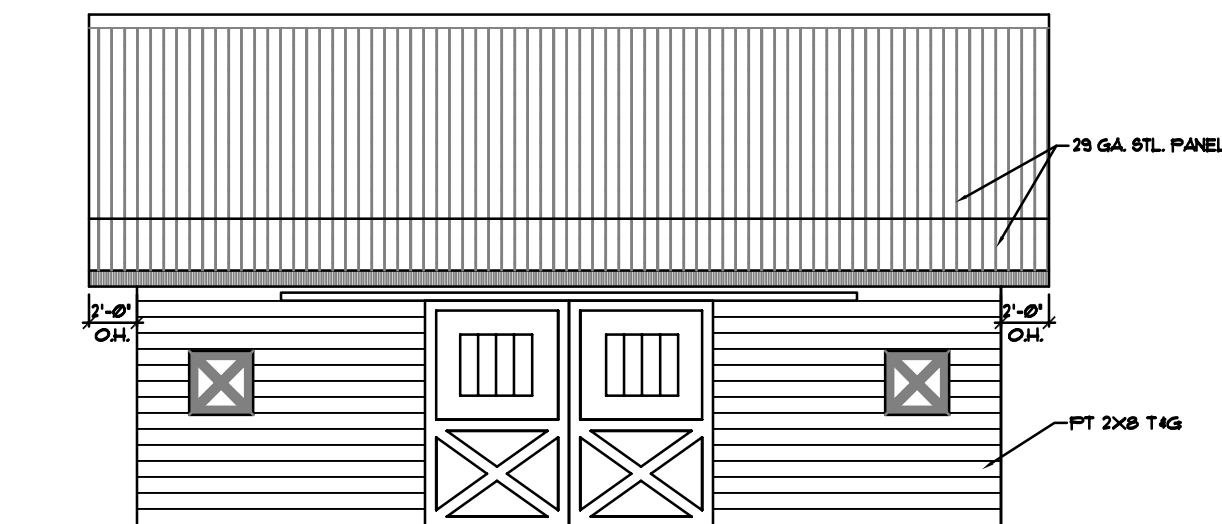
LEFT ELEVATION

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



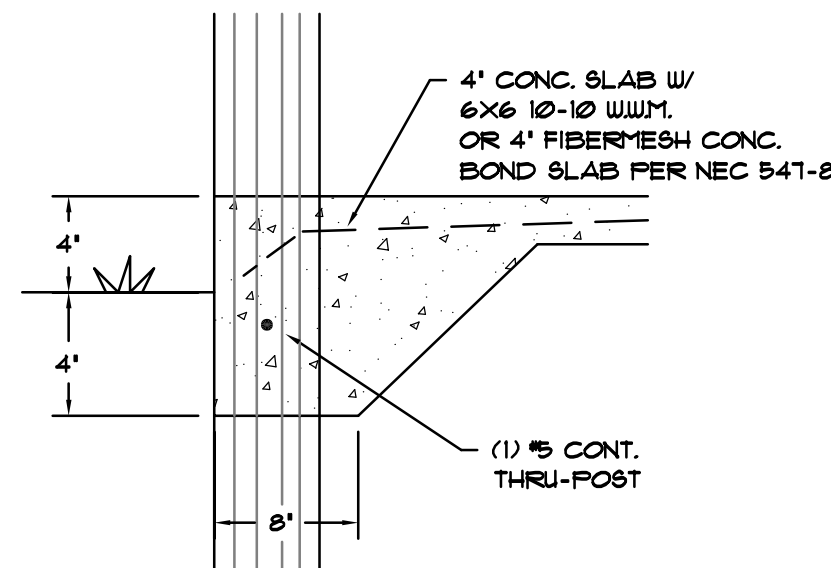
REAR ELEVATION

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

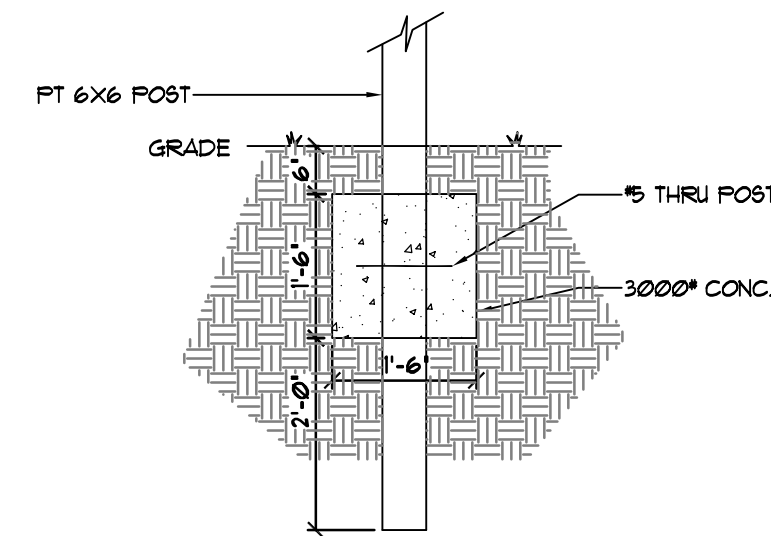


FRONT ELEVATION

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

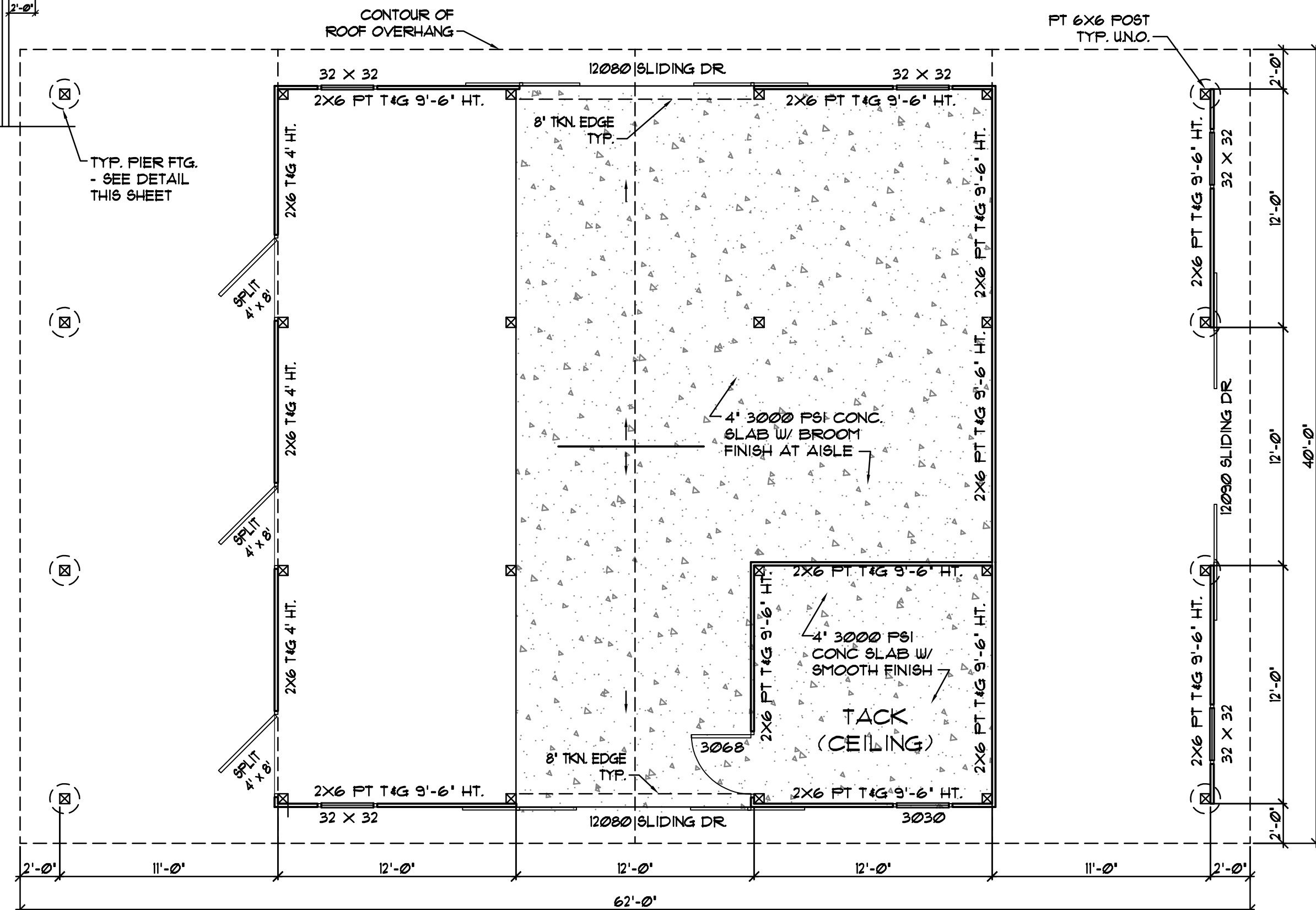


A TYP. TKN. EDGE NTS.



B PIER FTG. DETAIL 1/2"=1'-0"

NOTE:
FOR DOOR AND WINDOW PRESSURE
REQUIREMENTS SEE SHEET D5-01 - "WIND
REQUIREMENTS COMPONENTS AND CLADDING"



Digitally signed
by William
Stuhcke

Date:
2023.04.27
20:36:26 -04'00'

This item has been electronically signed
and sealed by William F. Stuhcke on the
Date/Time stamp shown using a digital
signature. Printed copies of the
document are not considered signed
and sealed and the signature must be
verified on any electronic copies.

FLOOR PLAN

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

ENGINEERING

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

DRAWING NUMBER
202300035

DATE	MARK	REMARK	BY

REVISIONS

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED
THE 140 MPH V&3 SECOND GUST AND 100 MPH V&0 WIND
LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2020
EDITION AND AGC 1.

Greenleaf
DESIGN SOLUTIONS, INC.
2010 W. US HWY 90, SUITE 100
LAKE CITY, FL 33024
(813) 421-4888

PROJECT:
KNOLL BARN
523 SW UPSTAGE GLEN
LAKE CITY, FL 33024

SHEET TITLE
**FLOOR PLAN
AND ELEVATIONS**

CHD: DRAWN BY: MIKE D
PLOT DATE: 4/27/2023
DRAWING NAME: A0FOUNDENT/NAW

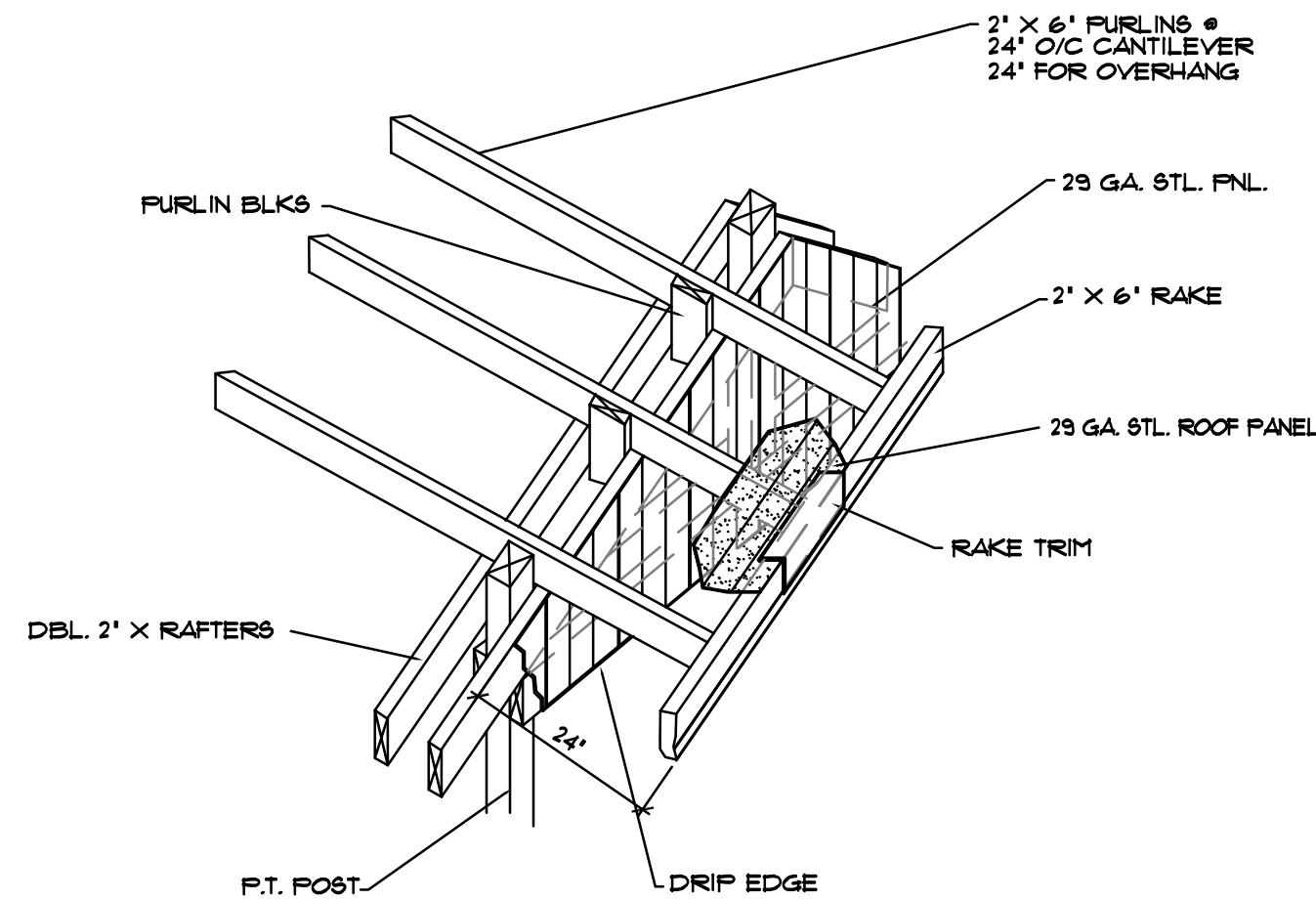
SHEET
NUMBER
A-02
- OF -

SIGN & SEAL

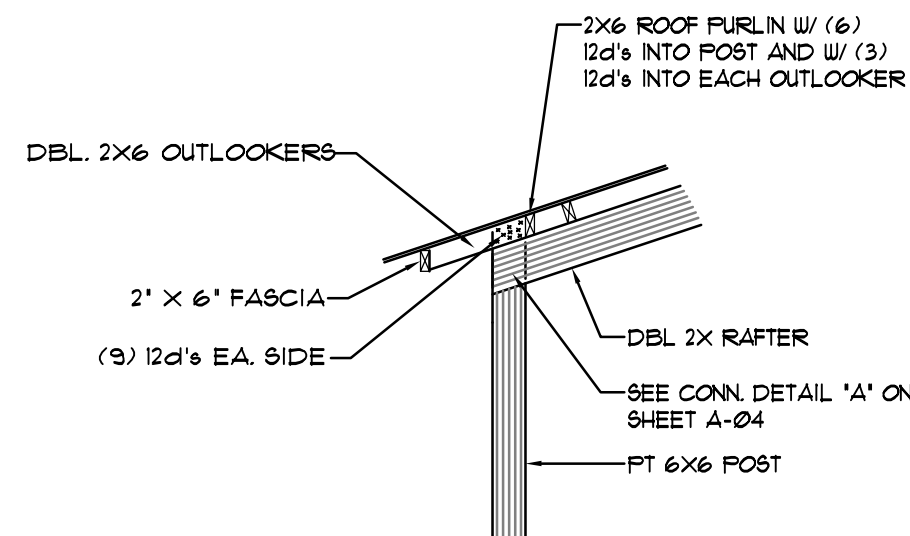


Digitally signed
by William
Stuhke
Date:
2023.04.27
20:36:44 -04'00'

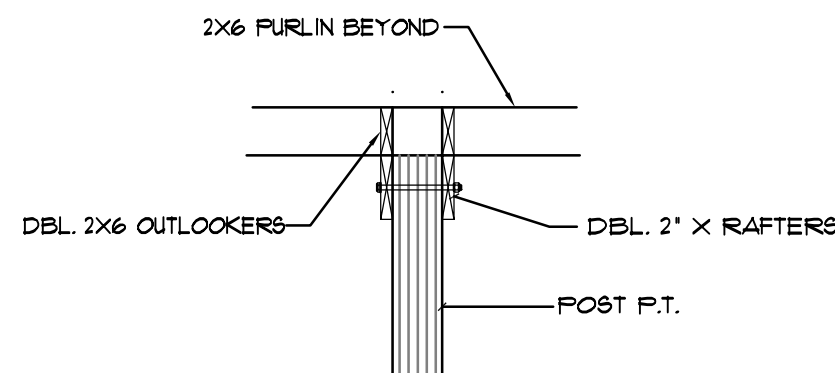
This item has been electronically signed
and sealed by William F. Stuhke on the
Date/Time stamp shown using a digital
signature. Printed copies of the
document are not considered signed
and sealed and the signature must be
verified on any electronic copies.



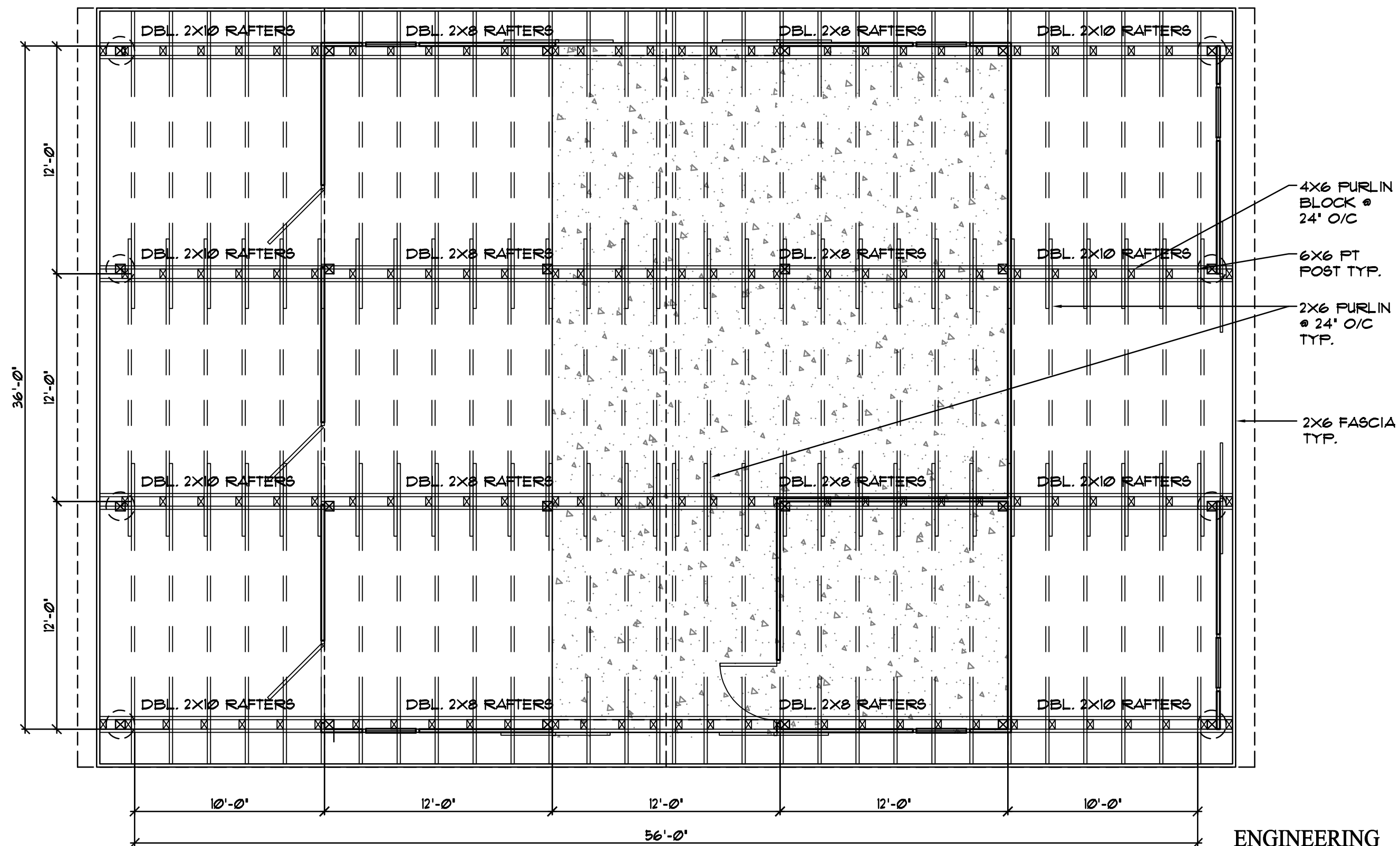
C GABLE ISOMETRIC DETAIL
N.T.S.



A FASCIA DETAIL
N.T.S.



B FASCIA ELEVATION
N.T.S.



ROOF FRAMING PLAN

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

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

DRAWING NUMBER
202300035

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED
THE 140 MPH V₃ SECOND GUST AND 100 MPH V₁₀ WIND
LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010
EDITION AND AGC 1.

Greenleaf
DESIGN SERVICES, LLC.
2010 W. UNIVERSITY AVENUE
SUITE 100
LAKE CITY, FL 33024
(813) 421-1488

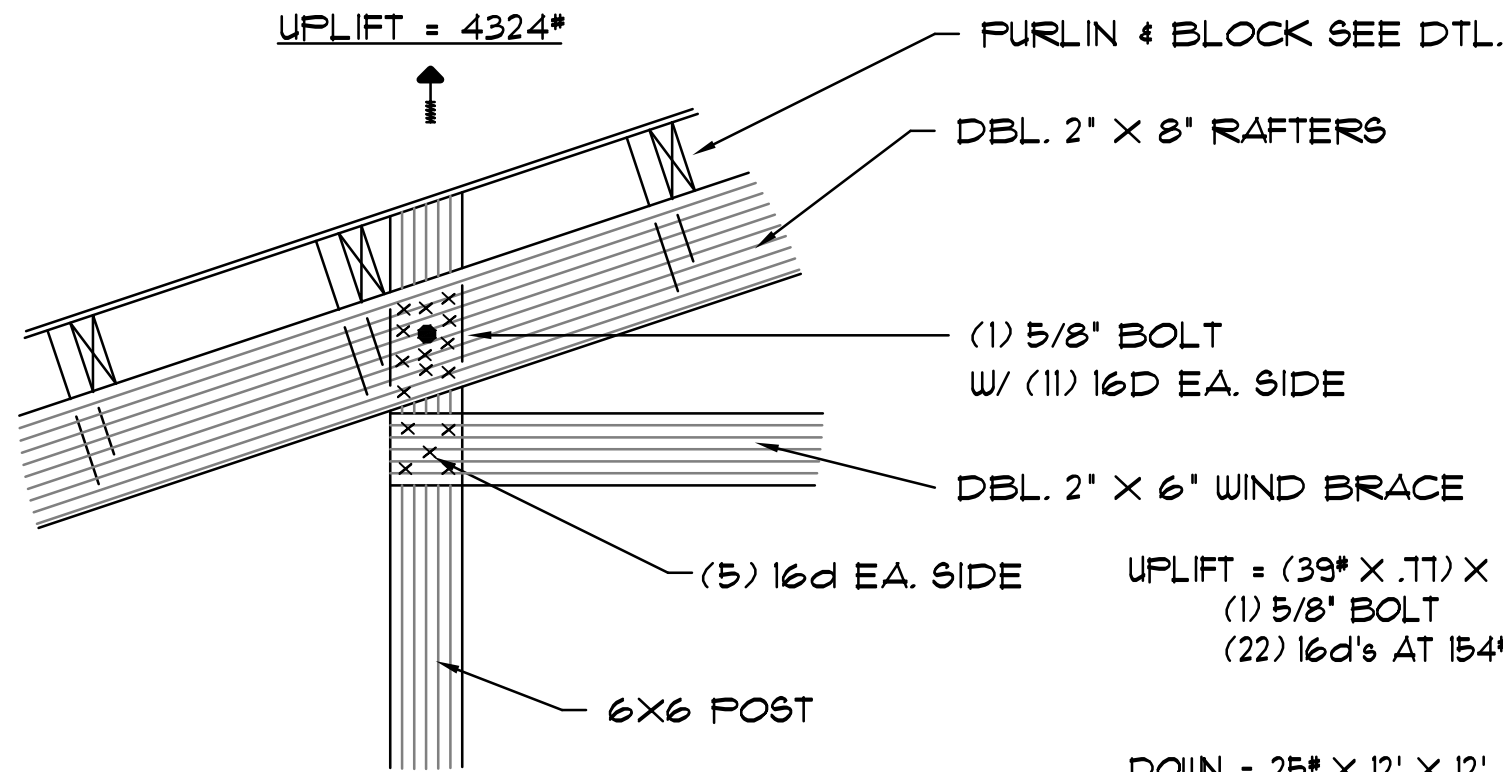
PROJECT:
KNOLL BARN
523 SW UPSTAGE GLEN
LAKE CITY, FL 33024

SHEET TITLE
ROOF FRAMING
PLAN

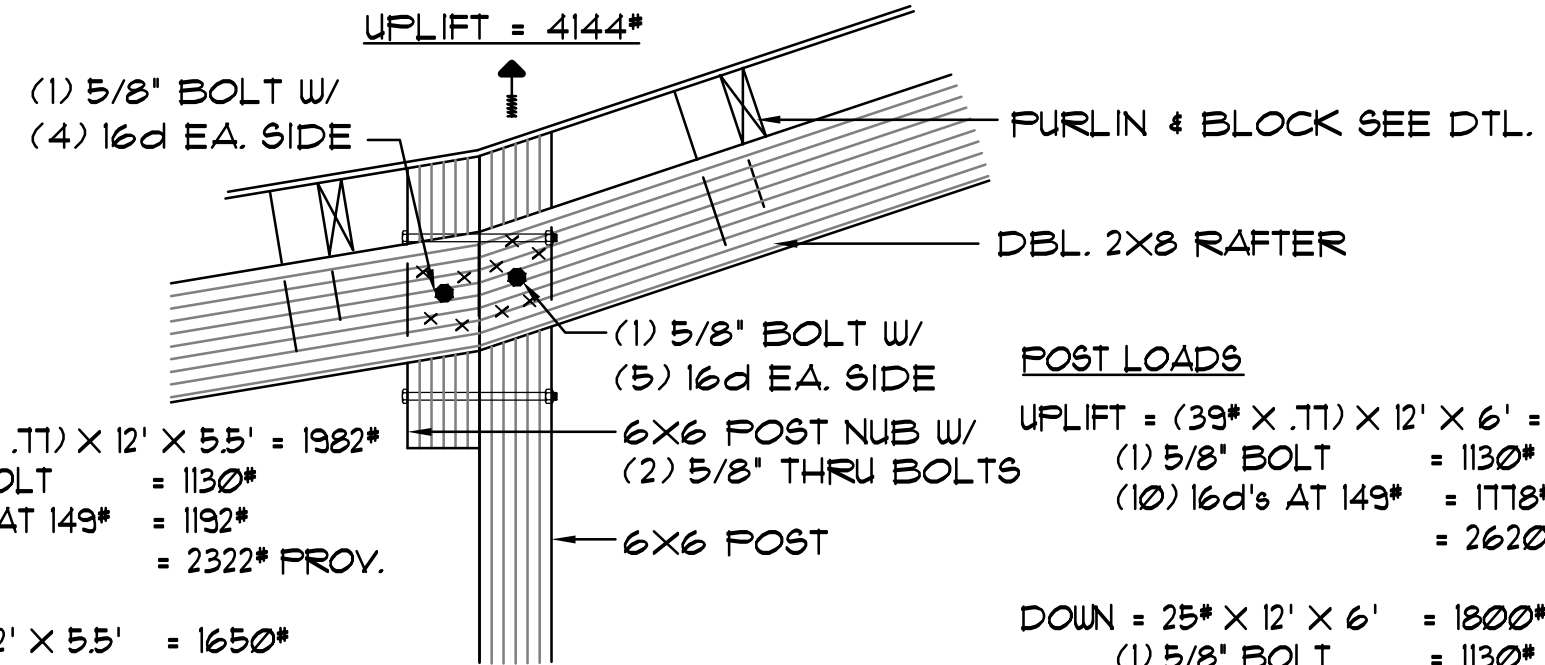
CHKD: ☒ **DRAWN BY:** MIKE D
PLOT DATE: 4/27/2023
DRAWING NAME: AG2 ROOF PLAN.dwg

SHEET NUMBER
A-03
- OF -

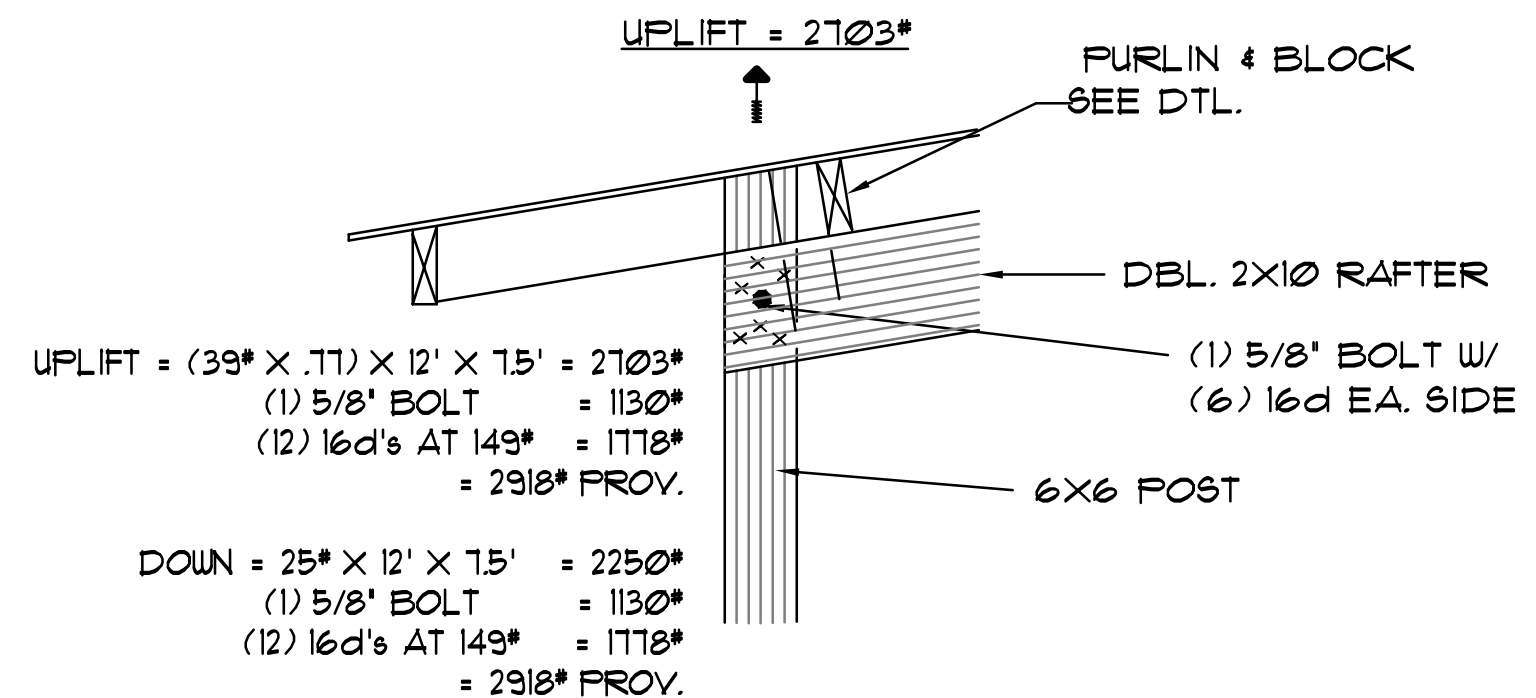
SIGN & SEAL



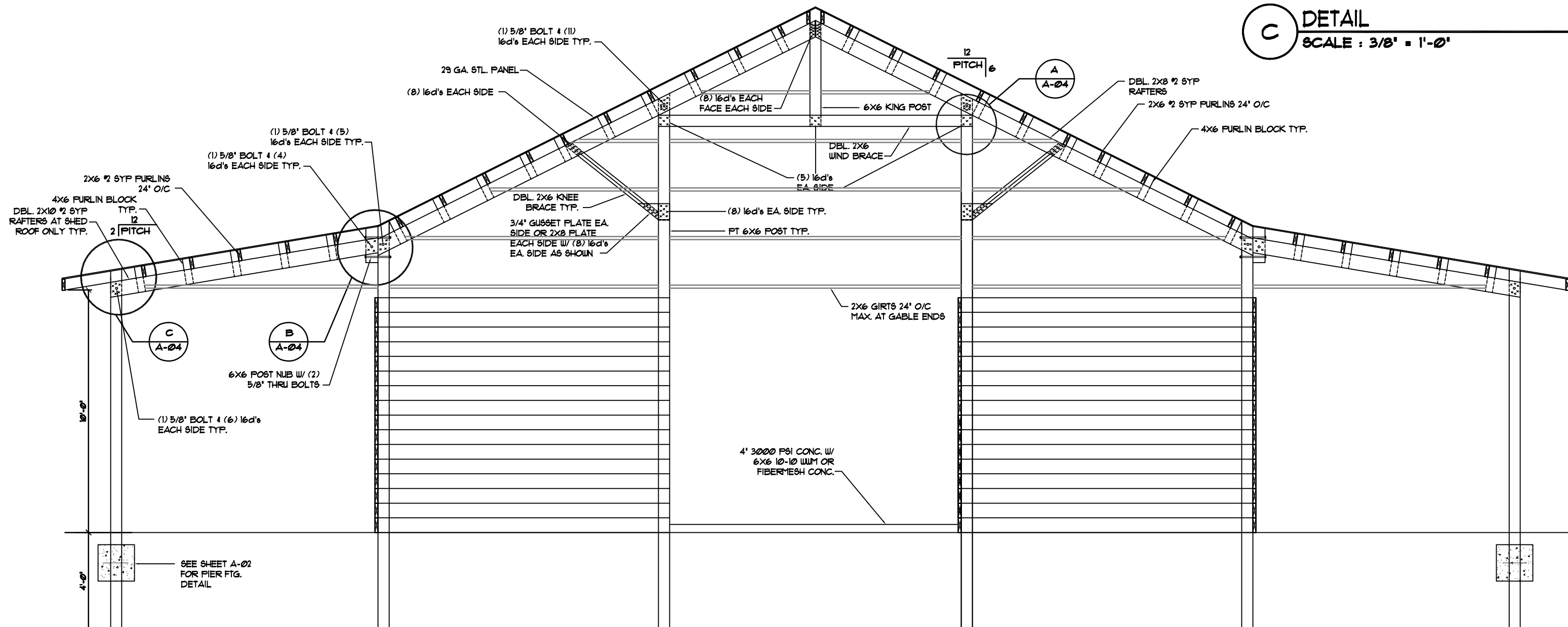
A DETAIL
SCALE: 3/8" = 1'-0"



B DETAIL
SCALE: 3/8" = 1'-0"



C DETAIL
SCALE: 3/8" = 1'-0"



1 BUILDING SECTION
SCALE: 1/4" = 1'-0"



Digitally signed
by William
Stuhrke
Date:
2023.04.27
20:37:05 -04'00'

This item has been electronically signed and sealed by William F. Stuhrke on the Date/Time stamp shown using a digital signature. Printed copies of the document are not considered signed and sealed and the signature must be verified on any electronic copies.

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
202300035

DATE	MARK	REMARK

REVISIONS

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE 140 MPH Vx3 SECOND GUST AND 100 MPH WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010 EDITION AND AGC 1.

Greenleaf
DESIGN SERVICES, LLC
2010 4E 408

PROJECT:
KNOLL BARN
523 SW UPSTAGE GLEN
LAKE CITY, FL 33024

SHEET TITLE
BUILDING SECTION

CHD: DRAWN BY:
PLOT DATE:
4/27/2023
DRAWING NAME:
A-04

SHEET NUMBER
A-04
- OF -

SIGN & SEAL



METAL FNL. SIDING: 29 GA. MID FL. METAL ROOFING SUPPLY FL. *31397.1
METAL FNL. ROOFING: 29 GA. MID FL. METAL ROOFING SUPPLY FL. *23490.1
WINDOWS: FGT WINDOWS FL. 2392
DOORS - THERMA-TRU - FL21135.1

WIND REQUIREMENTS

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

BLDG. CATEGORY = 1

WIND IMPORTANCE FACTOR = 0.77

WIND EXPOSURE CATEGORY = B

DESIGN WIND LOADS:

WALLS = +23.8 -28.93 PSF

ROOF = +11.76 -37.05 PSF

COMPONENTS & CLADDING:

WALLS = +27.14 -33.18 PSF

ROOF = +12.98 -42.73 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*

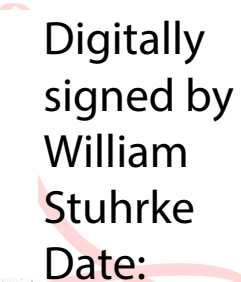
D.L. = Ø5"

BLDG. CLASSIFICATION:

 Y_B

GENERAL NOTES:

- 1.) ALL LUMBER TO BE #2 S.Y.P.
- 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 DIPPED GALV.



2023.04.27
20:37:26 -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
202300035

[illegible]

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE 140 MPH V_{at} 3 SECOND GUST AND 108 MPH V₁₀₀ WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2020 EDITION AND ASCE 1.

Greenleaf
Design Services, Inc.
1811 W. MARTIN ST. LONGWOOD, FL 32750

PROJECT:

KNOLL BARN

523 SW UPSTAGE GL
LAKE CITY, FL 33024

SHEET TITLE

DETAILS

CHKD:  DRAWN BY: 

PLOT DATE:

DWG-02 DFT/MS 5 Jan

SHEET
NUMBER
DS-01

SIGN & SEAL