

ADDRESS

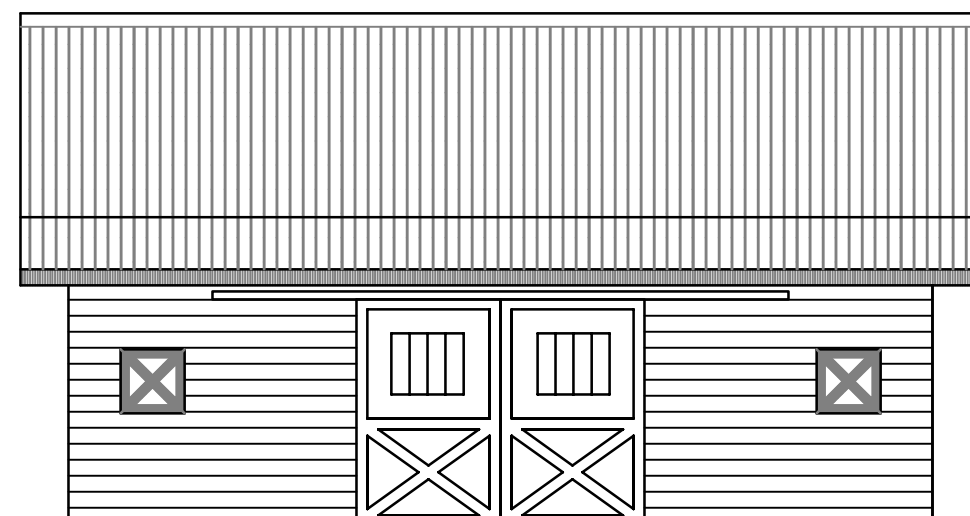
523 SW UPSTAGE GLEN
LAKE CITY, FL 33024

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



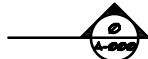
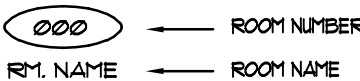
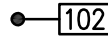
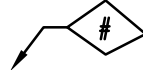
DRAWINGS INDEX

[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.	MANUFACTURER STANDARDS GAGE	SPEC.	SPECIFICATIONS
BD.	BOARD	F.S.	FIRE EXTINGUISHER	WTD.	MOUNTED	SPKLR.	SPRINKLER
BLDG.	BUILDING	F.E.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	FIN.	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.	CONCRETE MASONRY UNIT	G.I.	GROUND FAULT INTERCEPTOR	PLAM	PLASTIC LAMINATE	TRO.	TREAD
COL.	COLUMN	GND.	GALVANIZED IRON	PLAS.	PLASTER	TYP.	TYPICAL
CONTIN.	CONTINUOUS	GYP.	GYPSUM	PLYMD.	PLYWOOD	U.N.O.	UNLESS NOTED OTHERWISE
CONTR.	CONTRACTOR	HDMD.	HARDWOOD	P.NL.	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		
DIAM.	DIMENSION	HT.	HEIGHT	QT	QUARRY TILE	W/	WITH
DR.	DOWN	HW	HOT WATER			W/O	WITH OUT
DR.	DOOR			R	RISER	W.C.	WATER CLOSET
DS	DOWN SPOUT	I.D.	INSIDE DIAMETER	R/A	RETURN AIR	WD.	WOOD
DWG.	DRAWING	INCAND.	INCANDESCENT	REBAR	REINFORCING BAR	WH	WATER HEATER
		INSUL.	INSULATION	RECEPT.	RECEPTACLE	WT	WEIGHT
EA.	EACH	JAN.	JANITOR	REF.	REFERENCE	W.W.F.	WELDED WIRE FABRIC
E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM	JST.	JOIST	REINF.	REINFORCED	W.W.M.	WELDED WIRE MESH
		REC'D.	REQUIRED	REQ'D.	REQUIRED	YD	YARD

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.



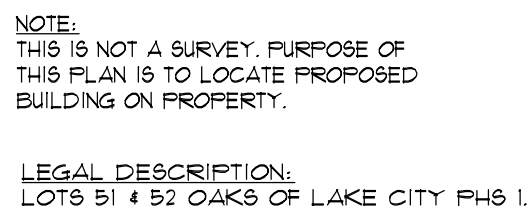
This item has been electronically signed and sealed by William F. Stuhke on the Date/Time stamp shown using a digital signature. Printed copies of the document are not considered signed and sealed and the signature must be verified on any electronic copies.

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

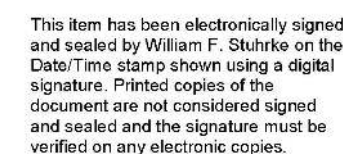
ENGINEERING

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 PADRI



SCALE: 1" = 100'-0"



William F. Stuhrke, PhD, P.E.
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12215 Rebeccas Run Dr.
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wfstuhrke@gmail.com

DRAWING NUMBER
202300035

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE 140 MPH V_{at} 3 SECOND GUST AND 108 MPH V₅₀ WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2020 EDITION AND ASCE 7.

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

PROJECT: KNOLL BARN
523 SW UPSTAGE GLEN
LAKE CITY, FL 33074

SHEET TITLE

SITE PLAN

CHKD: DRAWN BY:

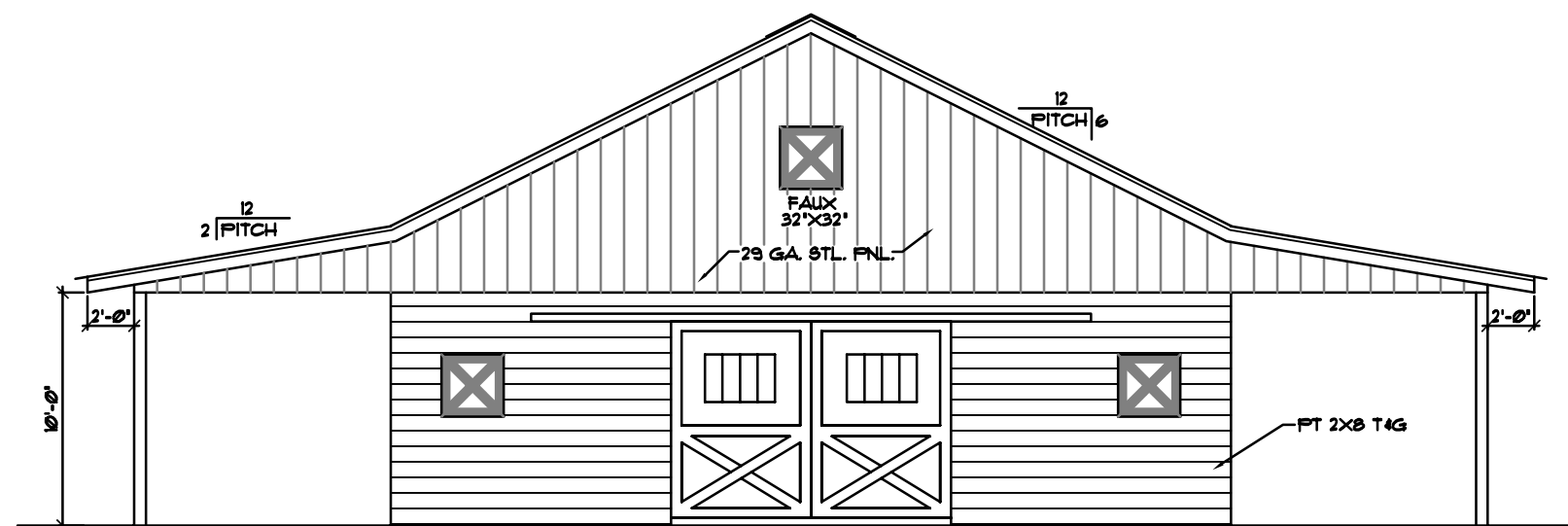
2

PLOT DATE:

DRAWING NAME:

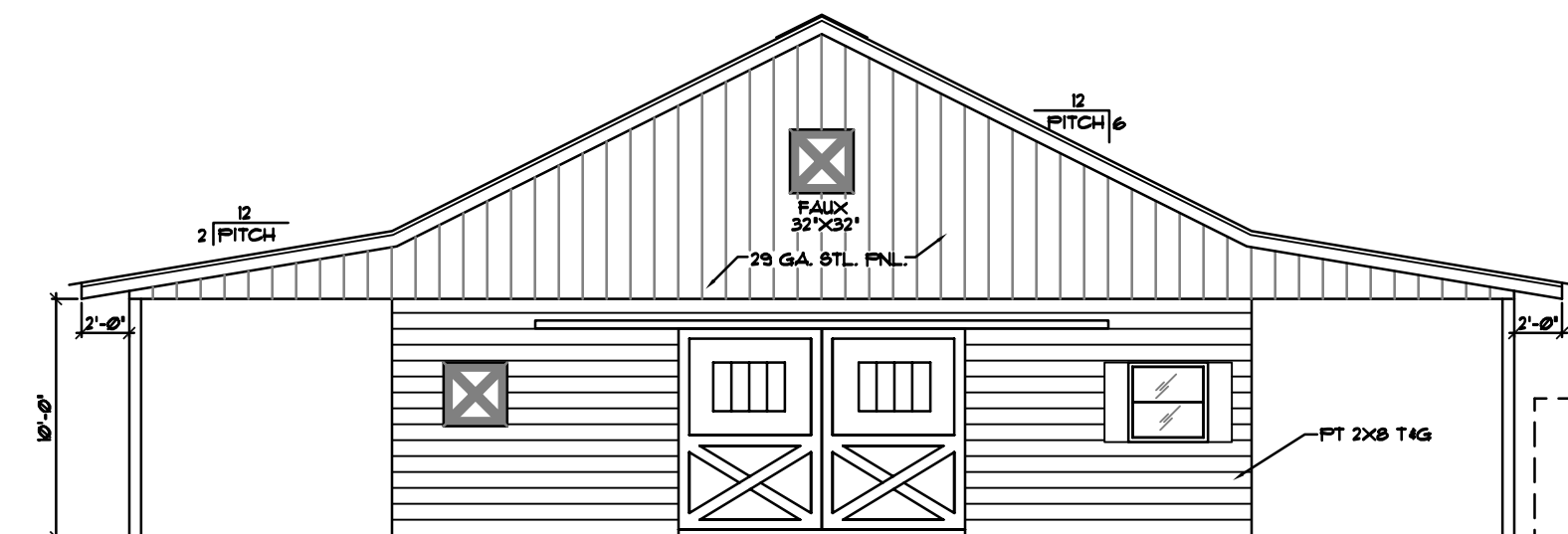
SHEET
 NUMBER
 A-01
 - OF -

SIGN & SEAL



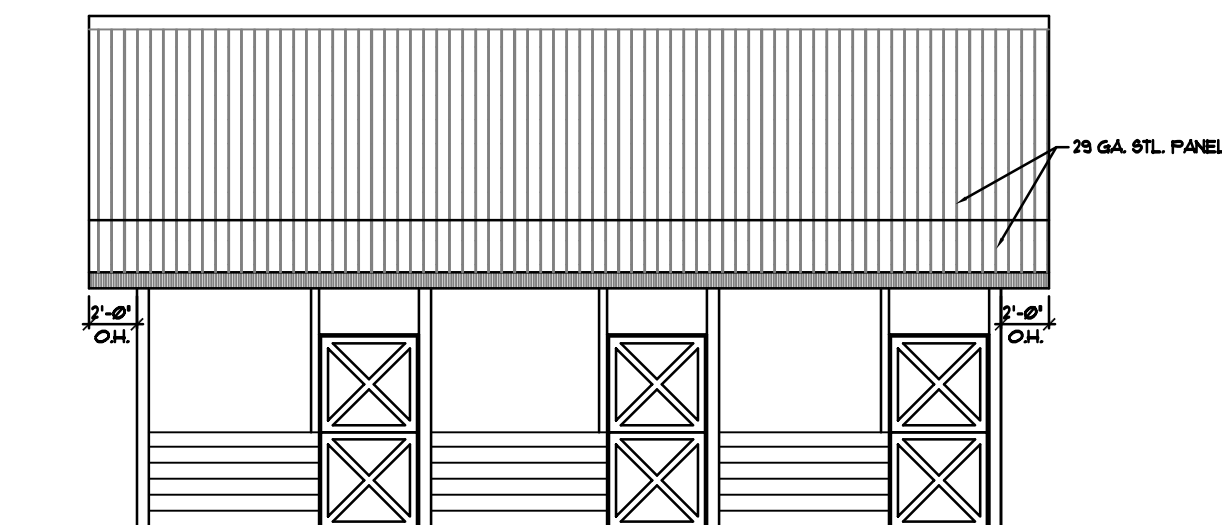
RIGHT ELEVATION

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



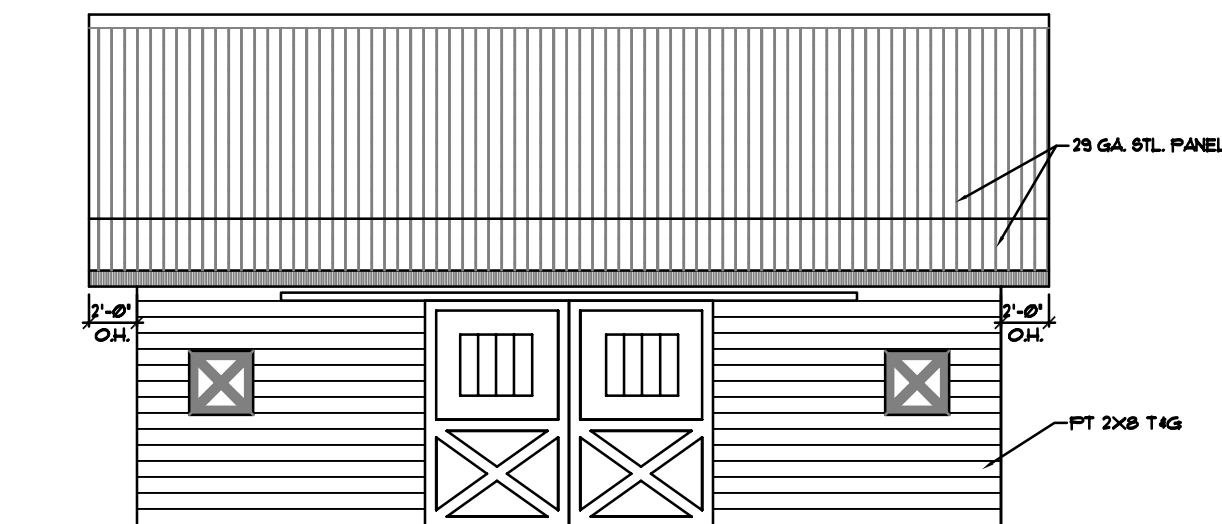
LEFT ELEVATION

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



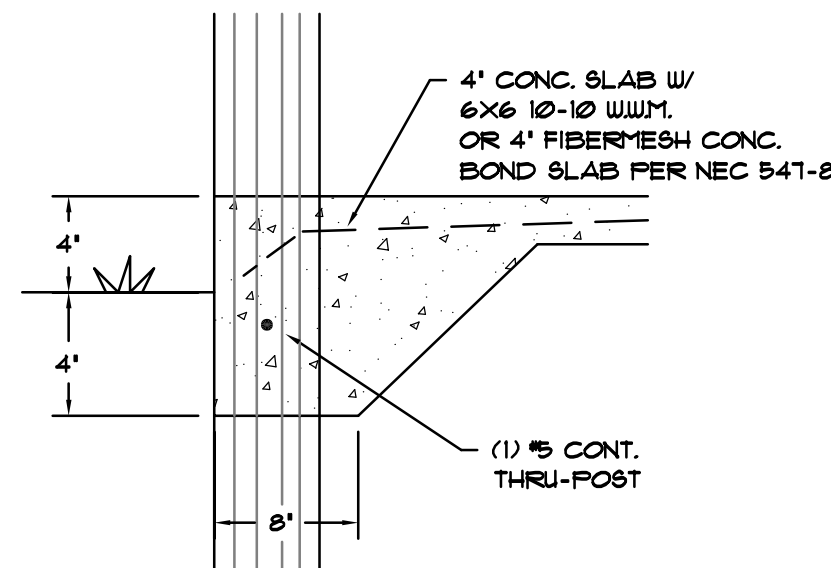
REAR ELEVATION

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

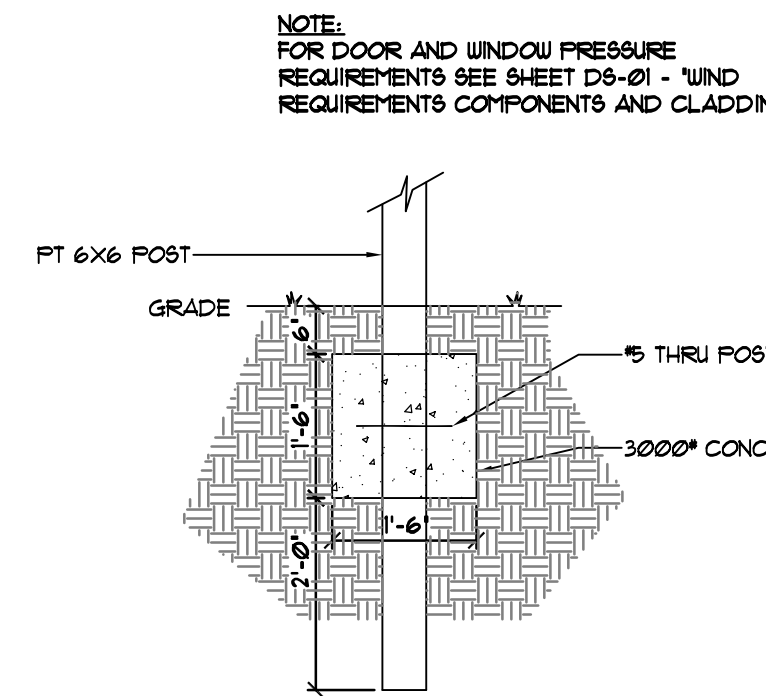


FRONT ELEVATION

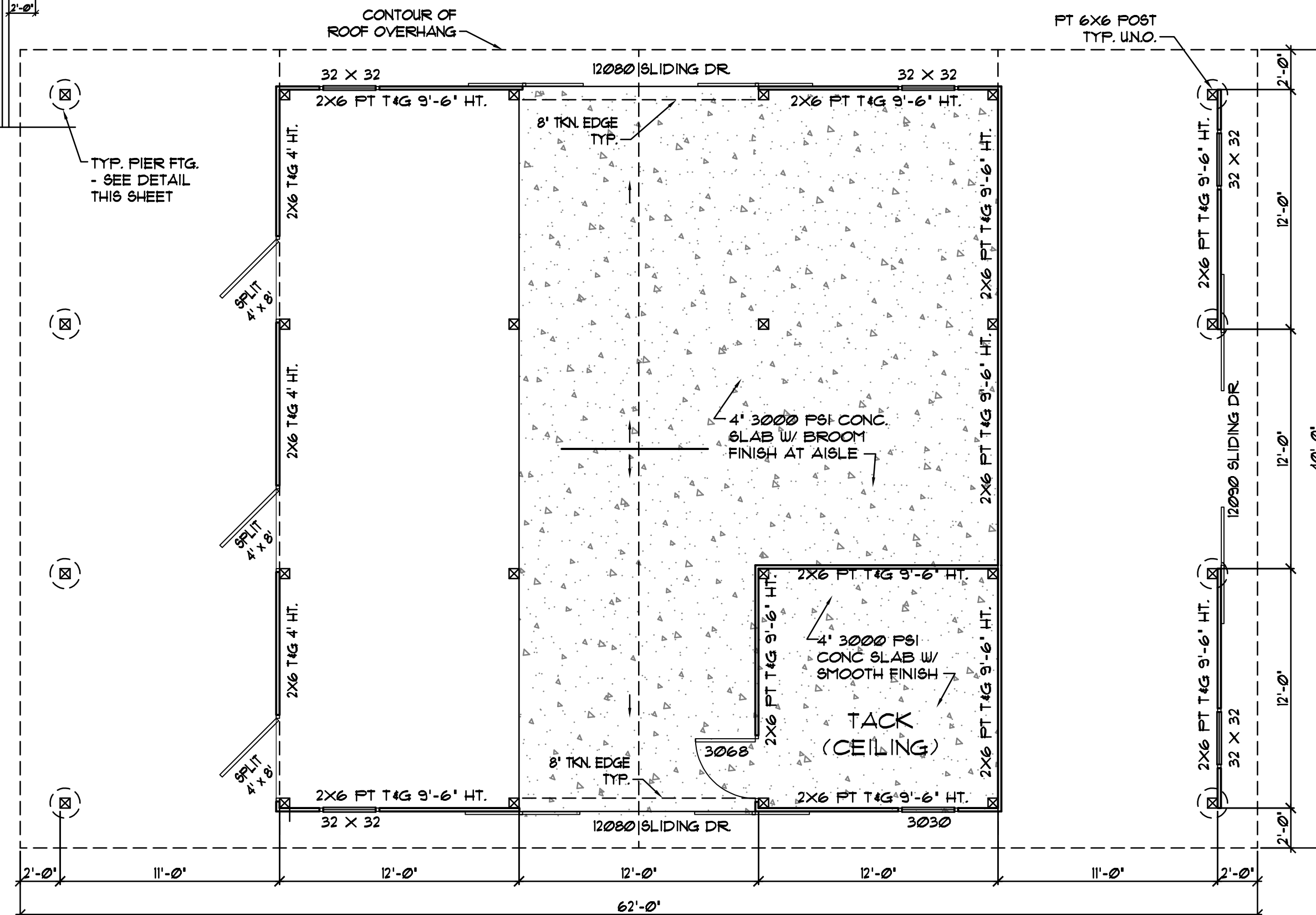
SCALE: 1/8" = 1'-0"



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



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



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by William
Stuhcke

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

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 V₃ 3 SECOND GUST AND 100 MPH V₁₀₀ WIND
LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2020
EDITION AND ASCE 7.

Greenleaf
DESIGN SOLUTIONS, INC.
2010 W. US HWY 90, SUITE 100
LAKE CITY, FL 33024

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

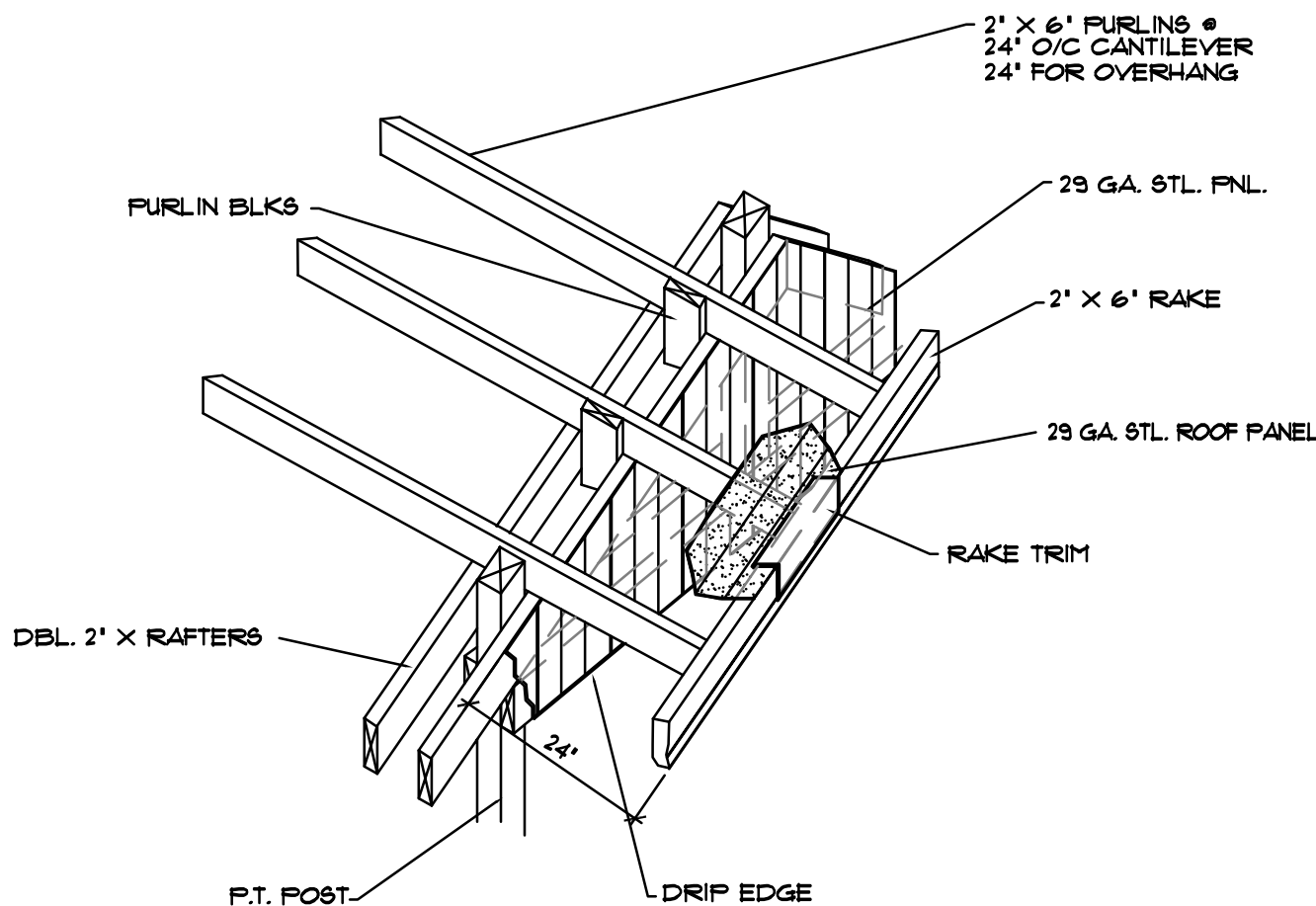
SHEET
NUMBER
A-02
- OF -

SIGN & SEAL

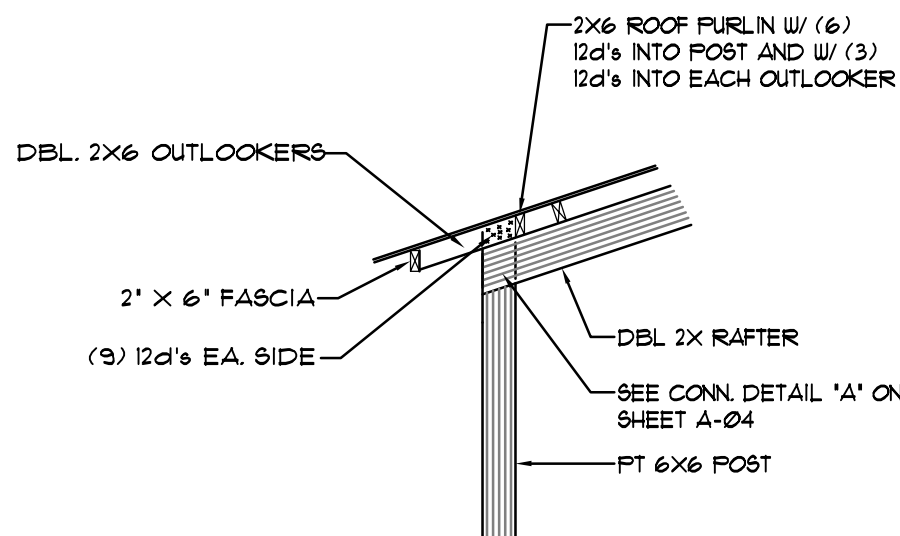


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by William
Stuhrke
Date:
2023.04.27
20:36:44 -04'00'

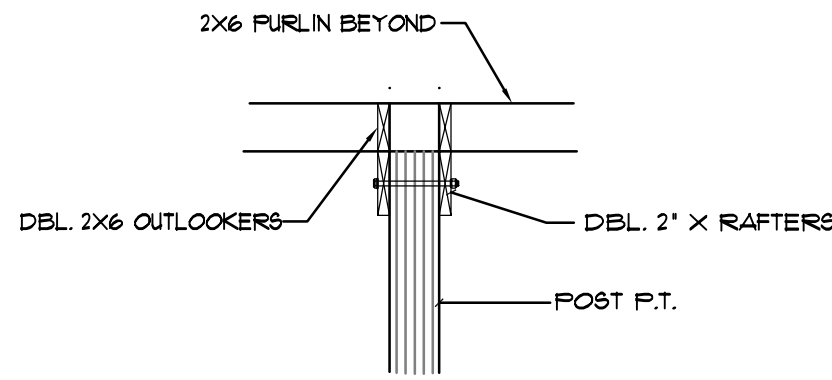
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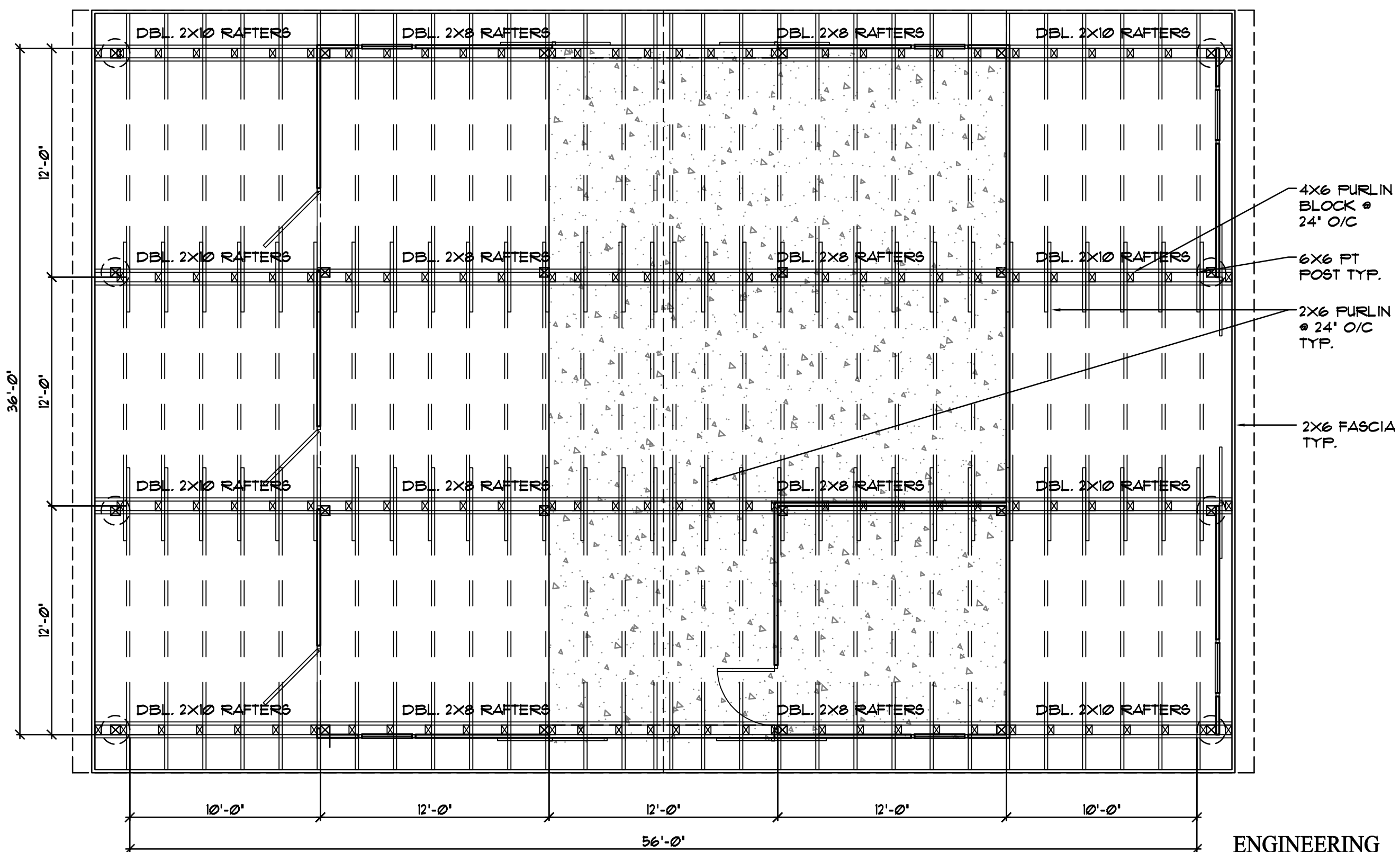
C GABLE ISOMETRIC DETAIL
N.T.S.



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 Vx3 SECOND GUST AND 100 MPH Vw UNIFORM
LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010
EDITION AND AGC 1.



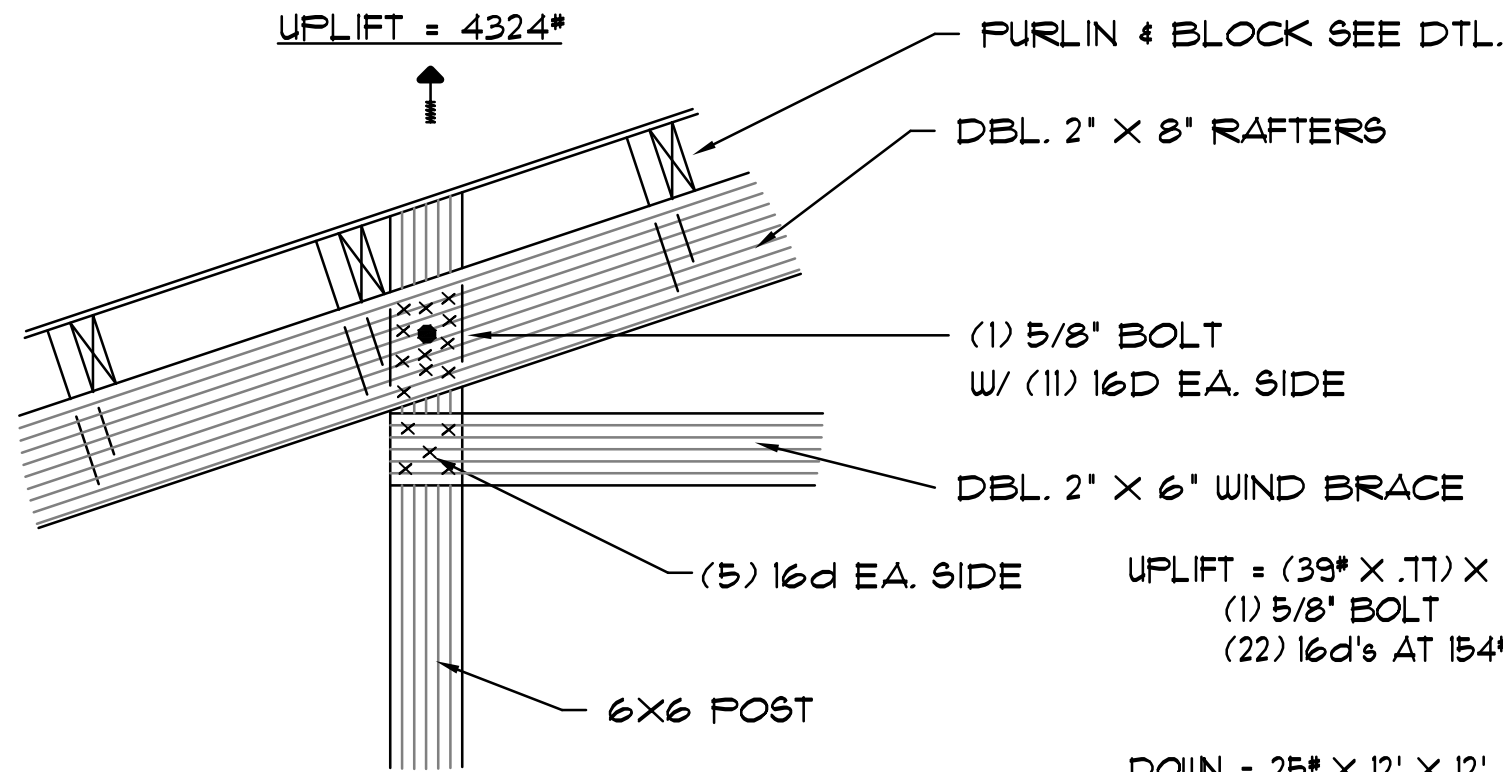
PROJECT:
KNOLL BARN
523 SW UPSTAGE GLEN
LAKE CITY, FL 33024

SHEET TITLE
ROOF FRAMING
PLAN

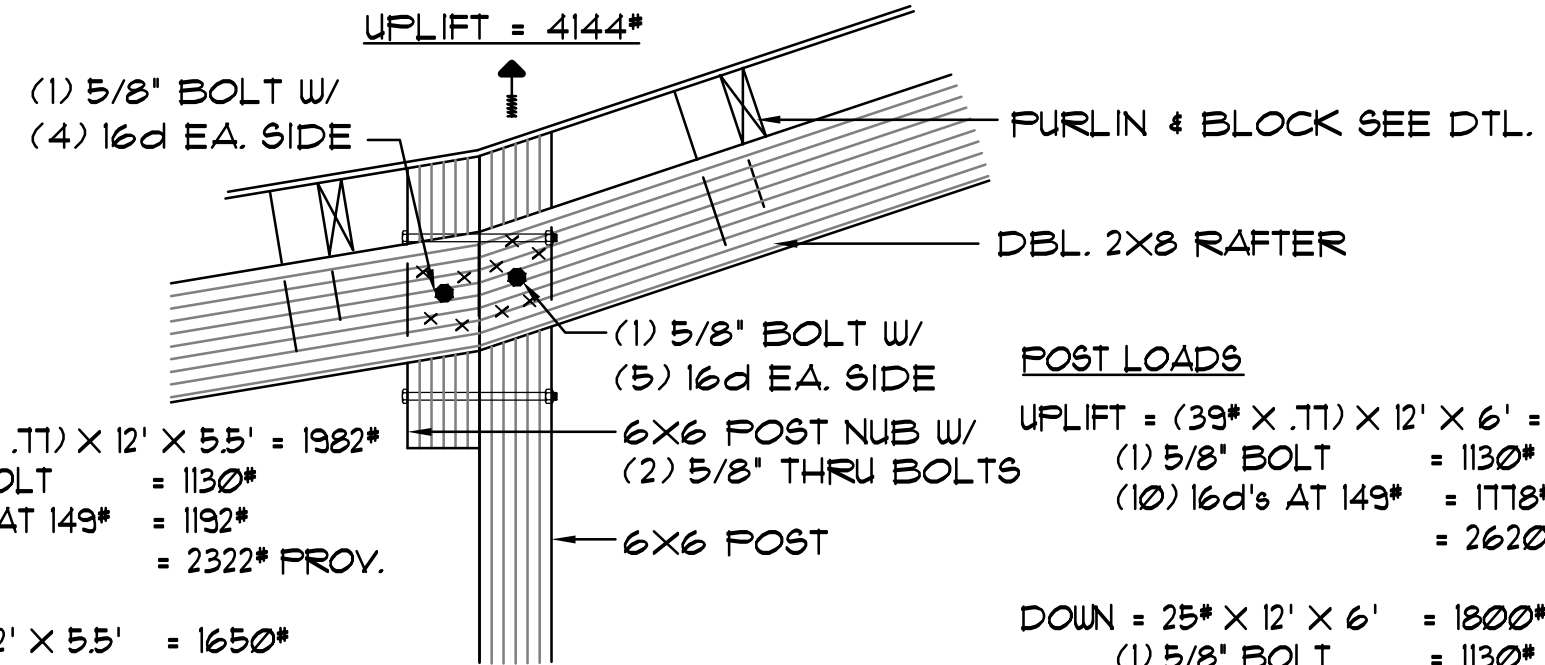
CHKD: ☒ DRAWN BY: MIKE D
PLOT DATE: 4/27/2023
DRAWING NAME: AGC ROOF PLAN.dwg

SHEET
NUMBER
A-03
- OF -

SIGN & SEAL



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



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

NUB LOADS

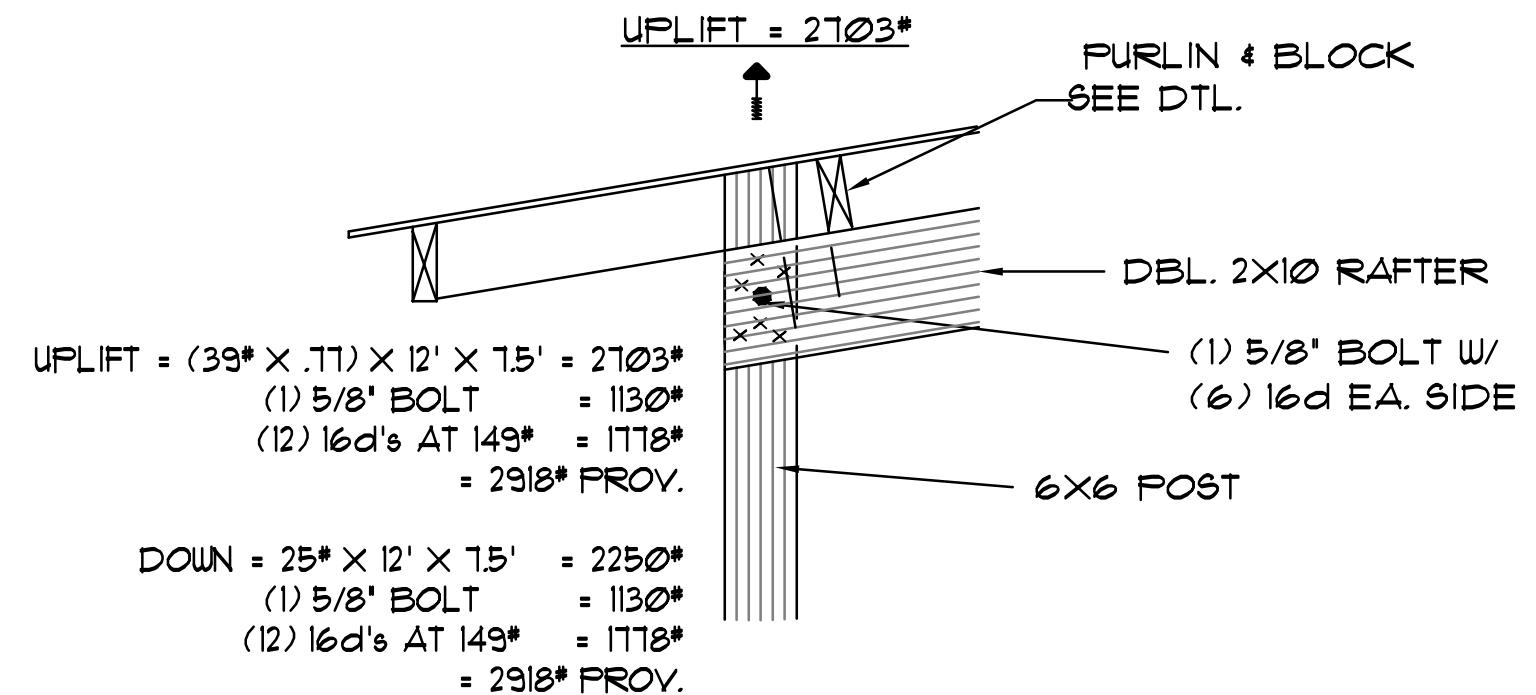
UPLIFT = $(39' \times .77) \times 12' \times 5.5' = 1982^*$
 (1) 5/8" BOLT = 1130*
 (8) 16d's AT 149" = 1192*
 = 2322* PROV.

DOWN = $25' \times 12' \times 5.5' = 1650^*$
 (1) 5/8" BOLT = 1130*
 (8) 16d's AT 149" = 1192*
 = 2322* PROV.

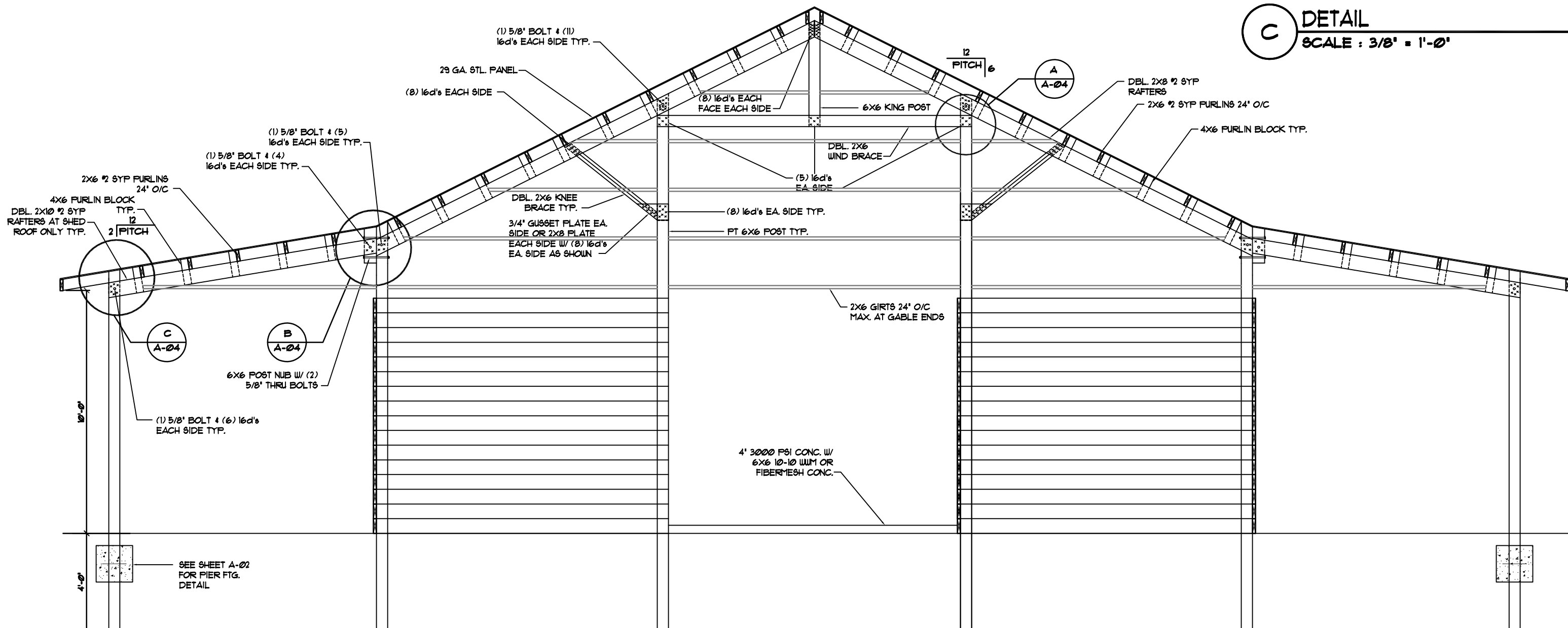
POST LOADS

UPLIFT = $(39' \times .77) \times 12' \times 6' = 2162^*$
 (1) 5/8" BOLT = 1130*
 (10) 16d's AT 149" = 1778*
 = 2620* PROV.

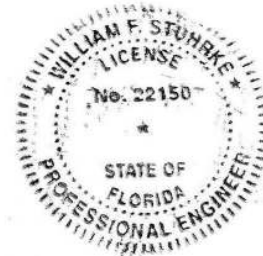
DOWN = $25' \times 12' \times 6' = 1800^*$
 (1) 5/8" BOLT = 1130*
 (10) 16d's AT 149" = 1778*
 = 2620* PROV.



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



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



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

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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, INC.
2010 4E 408

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

SHEET TITLE
BUILDING SECTION

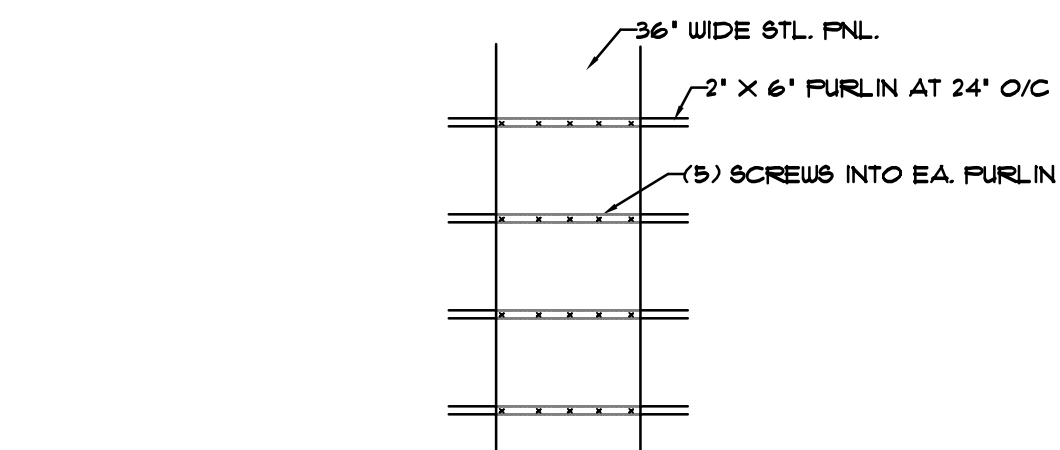
CHD: DRAWN BY:
PLOT DATE: 4/27/2023
DRAWING NAME: A-04
NO FALLING SECTION

SHEET NUMBER
A-04
- OF -

SIGN & SEAL

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



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

- 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]

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

PROJECT:

KNOLL BARN

F23 SW UPSTAGE GL

LAKE CITY, FL 33024

SHEET TITLE

DETAILS

CHKD:  DRAWN BY: 

PLOT DATE:

DRAWING NAME:

SHEET
NUMBER
DS-01

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