

MOURAS BARN

735 SW STERLING TER.
HIGH SPRINGS, FL 32038

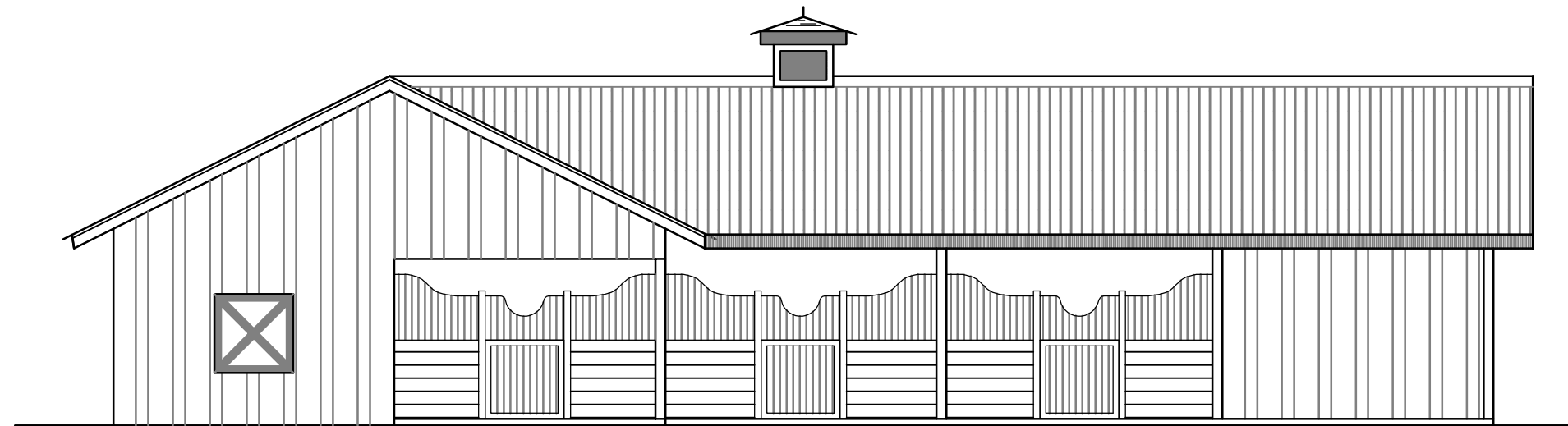
CONSTRUCTION DRAWINGS

MOURAS BARN

HIGH SPRINGS, FL 32038

Greenleaf

FRONT ELEVATION



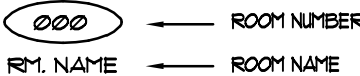
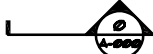
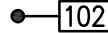
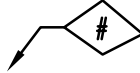
DRAWINGS INDEX

[illegible]

ABBREVIATIONS

ABV.	ABOVE	E.J.	EXPANSION JOINT	M.S.	MASONRY	R.D.	ROOF DRAIN
ACT	ACCTUAL	E.L.	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
ALUM.	ALUMINUM	ESCAL.	ELECTRIC WATER HEATER	NET	METAL	S.A.C.	SUSPENDED ACOUSTICAL CEILING
AND.	ANDIZED	E.W.C.	ESCALATOR	NF	MANUFACTURER	SAN.	SANITARY
APPROX.	APPROXIMATE	EXT.	EXTERIOR	MIN.	MINIMUM	S.C.	SOLID CORE
ARCH.	ARCHITECTURAL	F.D.	FLOOR CLEAN OUT	MISC.	MISCELLANEOUS	S.F.	SQUARE FOOT
		F.F.	FLOOR DRAIN	N.O.	MASONRY OPENING	SIM.	SIMILAR
		F.S.	FLOOR SINK	M.S.G.	MANUFACTURER STANDARDS GAGE	SPEC.	SPECIFICATIONS
BD.	BOARD	F.E.	FIRE EXTINGUISHER	MTD.	MOUNTED	SPKLR.	SPRINKLER
BLDG.	BUILDING	F.C.C.	FIRE EXTINGUISHER AND CABINET			SQ.	SQUARE
BLK.	BLACK	F.H.C.	FIRE HOSE CABINET	N.I.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	SKR	SHELF AND ROD
CLG.	CEILING	GALV.	GALVANIZED	O.H. DR.	OVERHEAD DOOR.		
C.J.	CONTROL JOINT	GEN.	GENERAL CONTRACTOR	OPNG.	OPENING	THK.	THICK
C.E.	CENTER LINE	G.F.I.	GROUND FAULT INTERCEPTOR	PL.	PLATE	T.O.W.	TOP OF WALL
C.O.	CLEAR OUT	G.I.	GALVANIZED IRON	PLAM	PLASTIC LAMINATE	TRO.	TREAD
C.M.U.	CONCRETE MASONRY UNIT	GND.	GROUND	PLAS.	PLASTER	TYP.	TYPICAL
COL.	COLUMN	GYP.	GYPSUM	PLYMD.	PLYWOOD		
CONTIN.	CONTINUOUS	HDMD.	HARDWOOD	PNL.	PANEL	U.N.O.	UNLESS NOTED OTHERWISE
CONTR.	CONTRACTOR	HDR.	HARDWARE	P.O.B.	POINT OF BEGINNING		
CONC.	CONCRETE	HWC.	HANDICAP	POL.	POLISHED	V.C.T.	VINYL COMPOSITION TILE
CT	COLD WATER	H.S.	HANDSINK	PREFAB.	PREFABRICATED	VERT.	VERTICAL
		H.M.	HOLLOW METAL	P.T.	PRESSURE TREATED	VEST.	VESTIBULE
DBL.	DOUBLE	HOR.	HORIZONTAL	P.S.F.	POUNDS PER SQUARE FOOT	V.I.F.	VERIFY IN FIELD
DEG.	DEGREE	H.P.	HIGH POINT	P.S.I.	POUNDS PER SQUARE INCH		
DEPT.	DEPARTMENT	HR.	HOUR	PT	POINT		
DET.	DETAIL	HT.	HEIGHT	QT	QUARRY TILE		
DIAM.	DIAMETER	HW	HOT WATER			W/	WITH
DM.	DIMENSION	I.D.	INSIDE DIAMETER	R	RISER	W/O	WITHOUT
DN.	DOWN	INCAND.	INCANDESCENT	R/A	RETURN AIR	W.C.O.	WALL CLEAN OUT
DR.	DOOR	INSUL.	INSULATION	REBAR	REINFORCING BAR	W.C.	WATER CLOSET
DS	DOWN SPOUT			RECEPT.	RECEPTACLE	WD.	WOOD
DWG.	DRAWING	JAN.	JANITOR	REF.	REFERENCE	WH	WATER HEATER
		JST.	JOIST	REINF.	REINFORCED	WT	WEIGHT
EA.	EACH			REQD.	REQUIRED	W.W.F.	WELDED WIRE FABRIC
E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM					W.W.M.	WELDED WIRE MESH
						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 6 STALL BARN.



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Digitally signed
by William
Stuhrke
Date:
2024.07.31
13:27:30 -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

MOURAS BARN

856.22'

539.83'

540.27'

—EXISTING
HOME UNDER
CONSTRUCTION

853.56'



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 1,
SUMMERS ACRES UNR ORB 994-2498. WD
1160-2117, WD 1451-1700

SCALE: 1" = 50'-0"



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Winter Garden, FL 34787
Phone (407) 920-3119
wfstuhrke@gmail.com

DRAWING NUMBER
202400023

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE 140 MPH V_{103} SECOND GUST AND 108 MPH V_{100} WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2013 EDITION AND ASCE 1.

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

SHEET TITLE
SITE PLAN

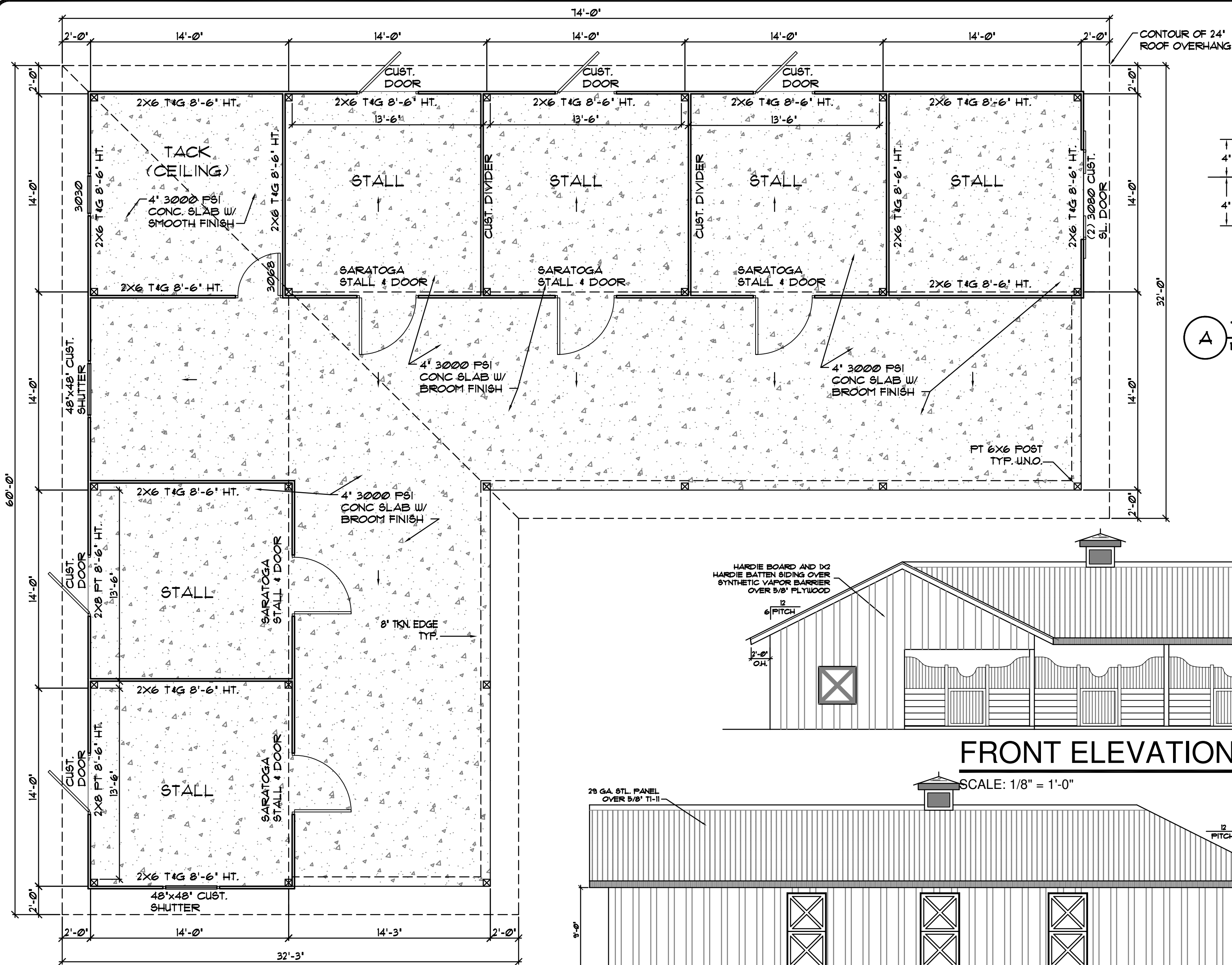
CHKD:  DRAWN BY: MIKE D
 PLOT DATE: 7/31/2024
 DRAWING NAME: A-01 SITE PLAN.dwg

SHEET
NUMBER
A-01
- OF -

SIGN & SEAL

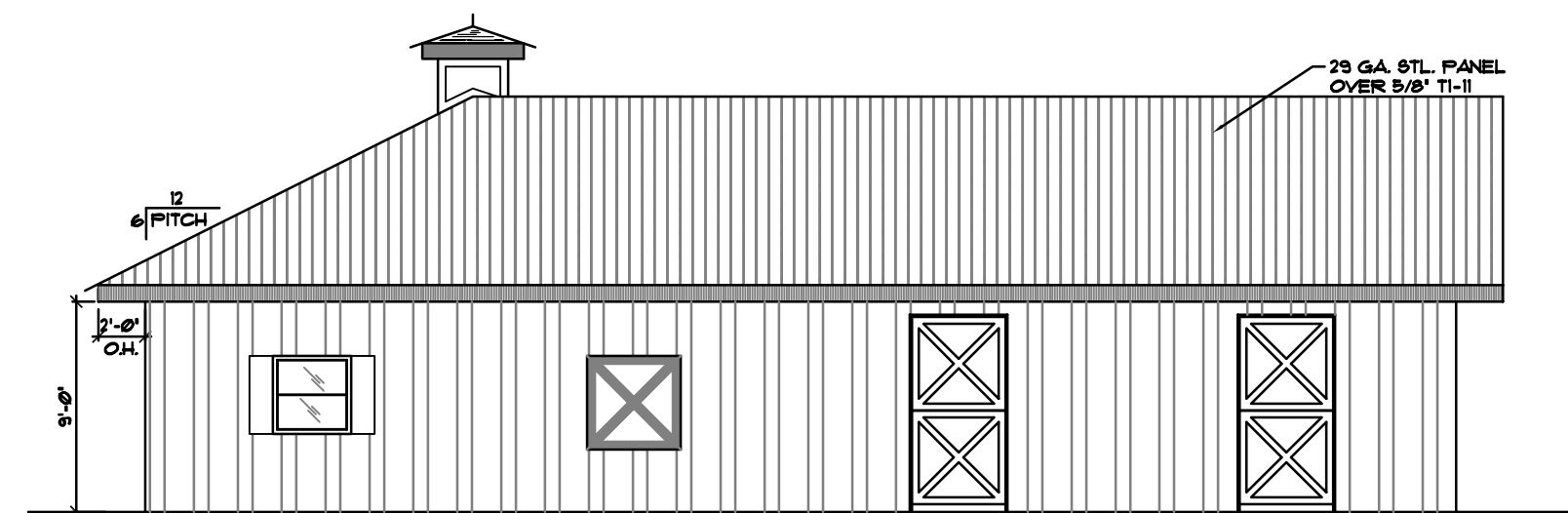
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Greenleaf
Design Services, Inc.
1331 W. MARVIN ST. LONGWOOD, FL 32759
(407) 665-4469



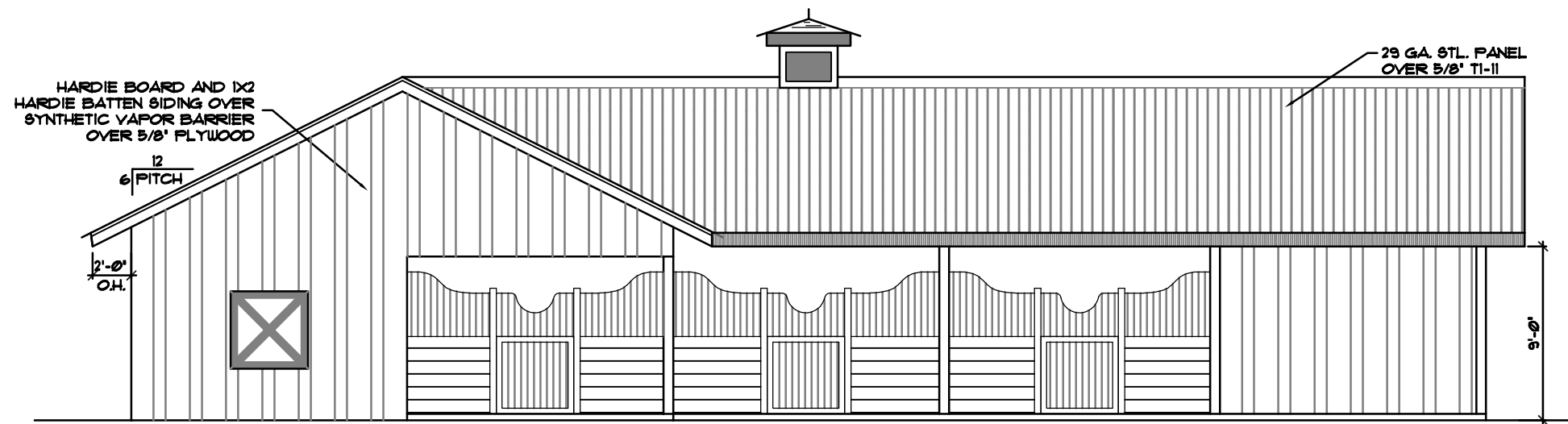
FLOOR PLAN

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



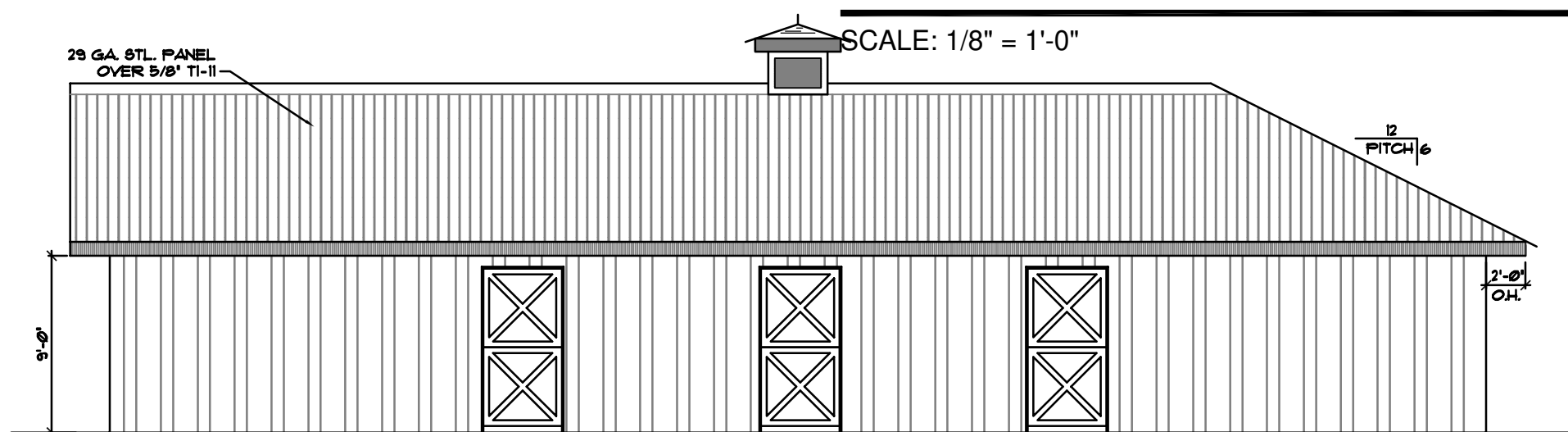
LEFT ELEVATION

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



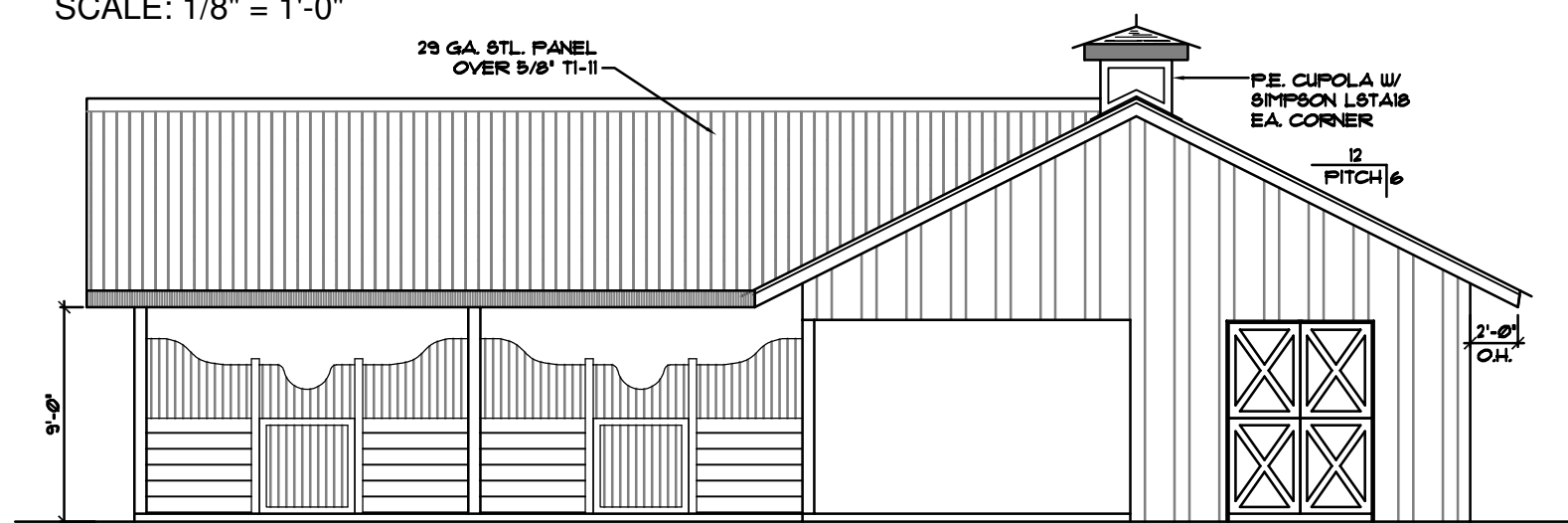
FRONT ELEVATION

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



REAR ELEVATION

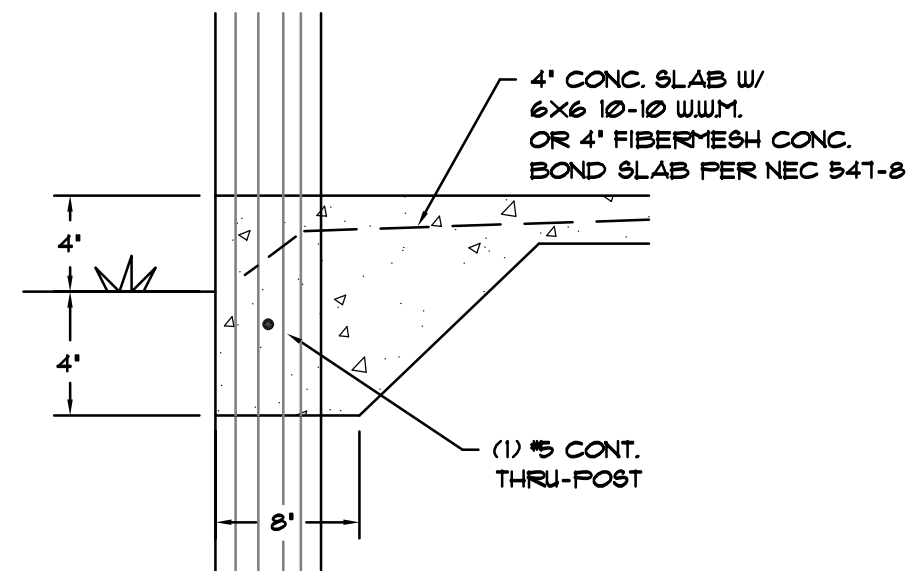
SCALE: 1/8" = 1'-0"



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, INC.
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

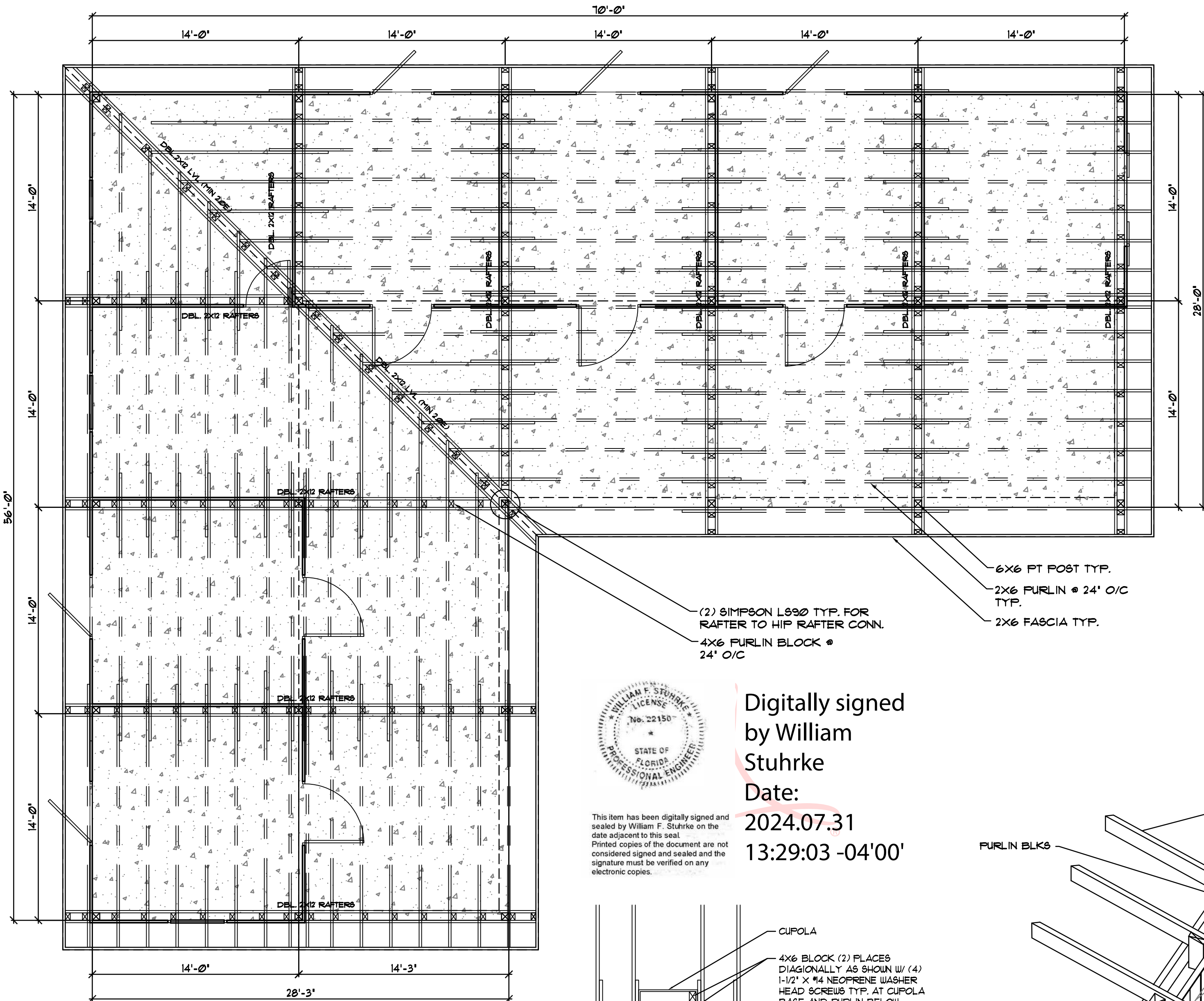


Digitally signed by
William
Stuhrike
Date:
2024.07.31
13:28:36 -04'00'

ENGINEERING

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Winter Garden, FL 34787
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wfstuhrike@gmail.com

DRAWING NUMBER
202400023



ROOF FRAMING PLAN

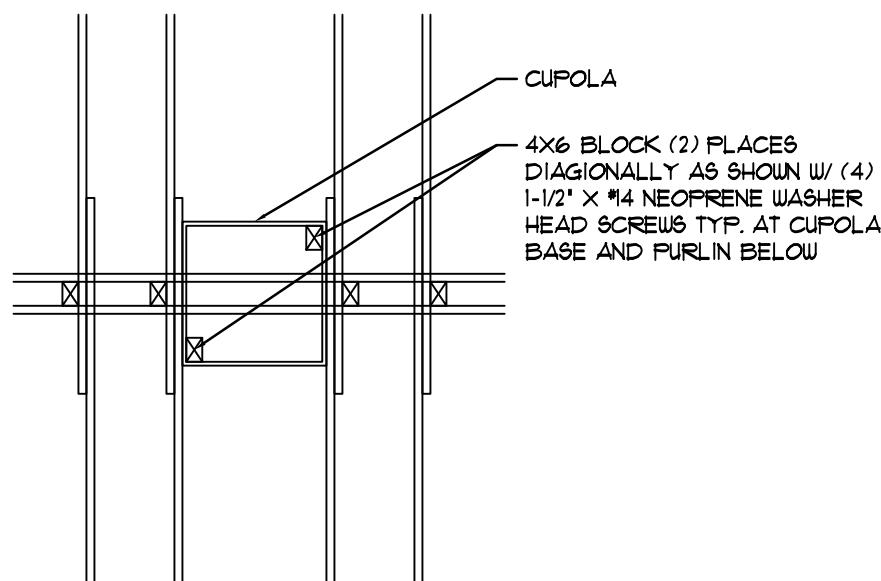
SCALE: 3/16" = 1'-0"



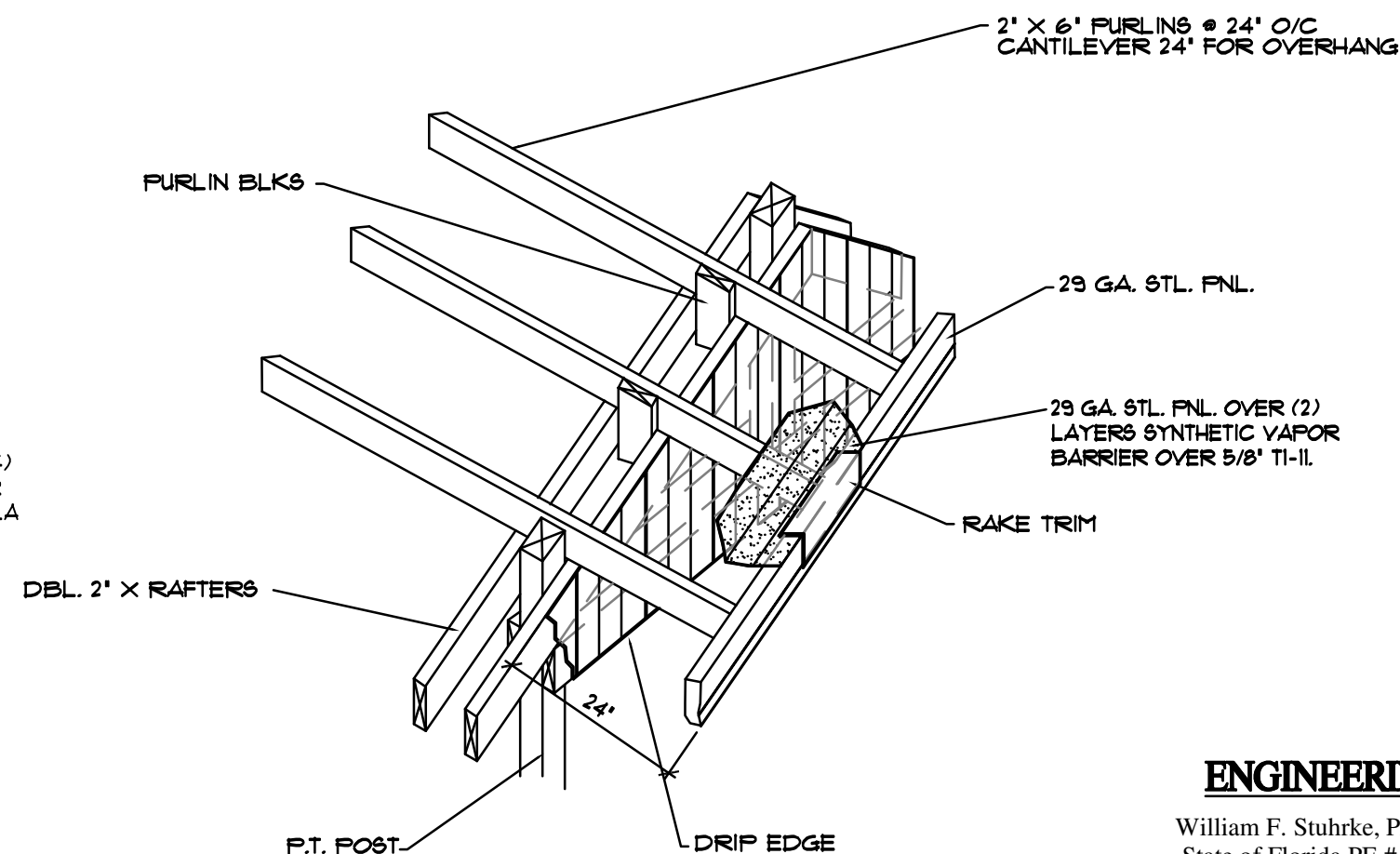
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by William
Stuhrke

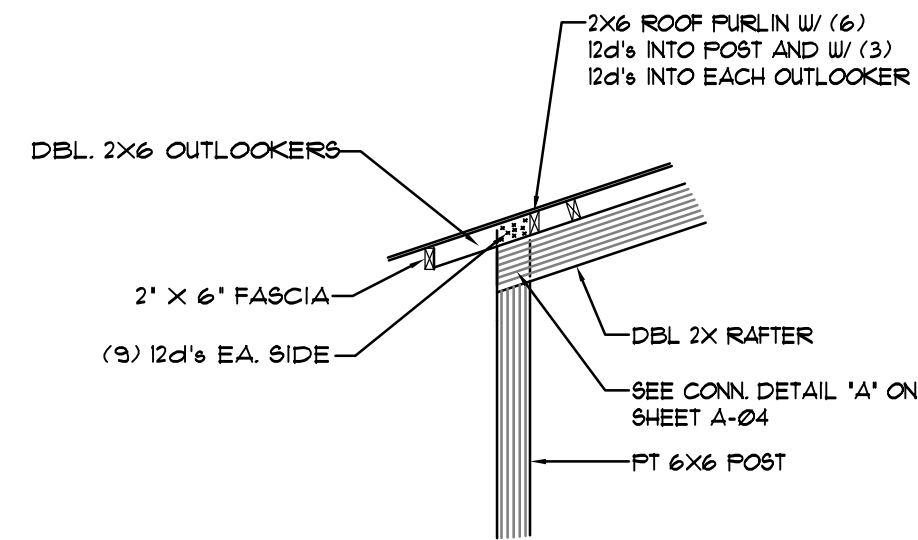
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2024.07.31
13:29:03 -04'00'



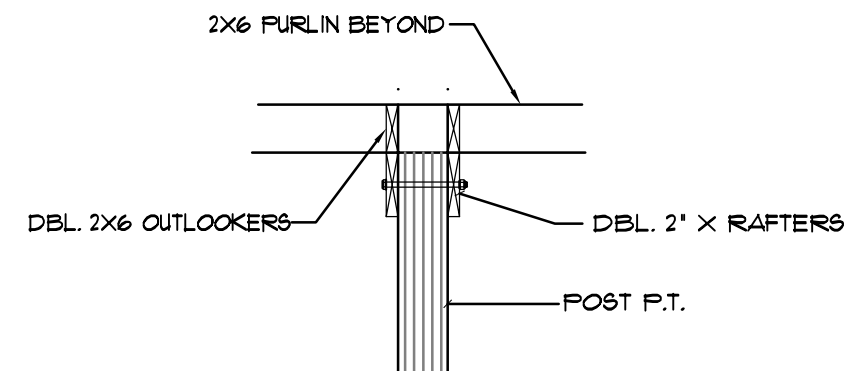
E ALTERNATE CUPOLA CONN. DTL.
NT.S. (AT 36"X36" SIZED CUPOLAS)



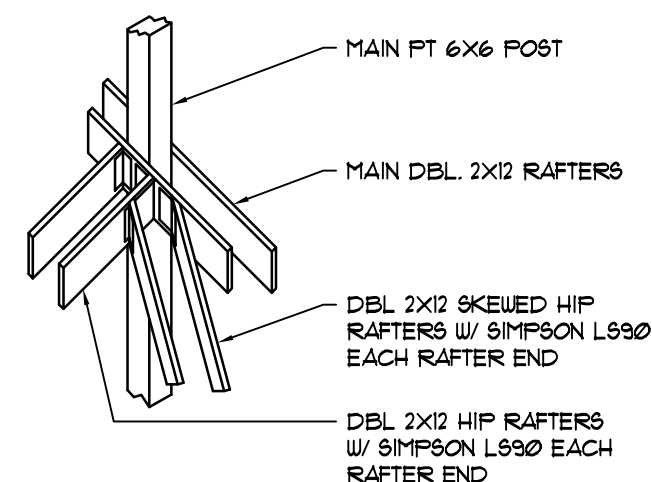
D GABLE ISOMETRIC DETAIL
NT.S.



A FASCIA DETAIL
NT.S.



B FASCIA ELEVATION
NT.S.



C HIP RAFTER DETAIL
NT.S.

ENGINEERING

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Winter Garden, FL 34787
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DRAWING NUMBER
202400023

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 ASCE 7.

Greenleaf
DESIGN SERVICES, INC.
2015 W. UNIVERSITY AVE.
SUITE 100
ORLANDO, FL 32817
(407) 461-1888

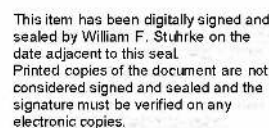
PROJECT: **MOURAS BARN**
135 SW STERLING TER.
HIGH SPRINGS, FL 32038

SHEET TITLE
ROOF FRAMING PLAN

CHKD: **MIKE D**
DRAWN BY: **MIKE D**
PLOT DATE: **7/3/2024**
DRAWING NAME: **AG2 ROOF PLAN.dwg**

SHEET NUMBER
A-03
OF 3

SIGN & SEAL



2024.07.31
13:29:31
-04'00'

REVISIONS

DOWN = 25' x 14' x 9' = 3150*

(1) 5/8" BOLT = 1130*

(18) 16d's AT 149# = 2682*

= 3812* PROV.

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

DOWN = 25' X 14' X 14' = 4900#
(40) 16d's AT 149# = 5960# PROV.



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1331 W. MARVIN ST. LONGWOOD, FL 32759

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

SHEET TITLE
BUILDING
SECTION

CHKD:  DRAWN BY: MIKE D
PLOT DATE: 7/31/2024
DRAWING NAME: A06 911 FLOW SECTION.dwg

SHEET
NUMBER
A-Ø4
- OF -

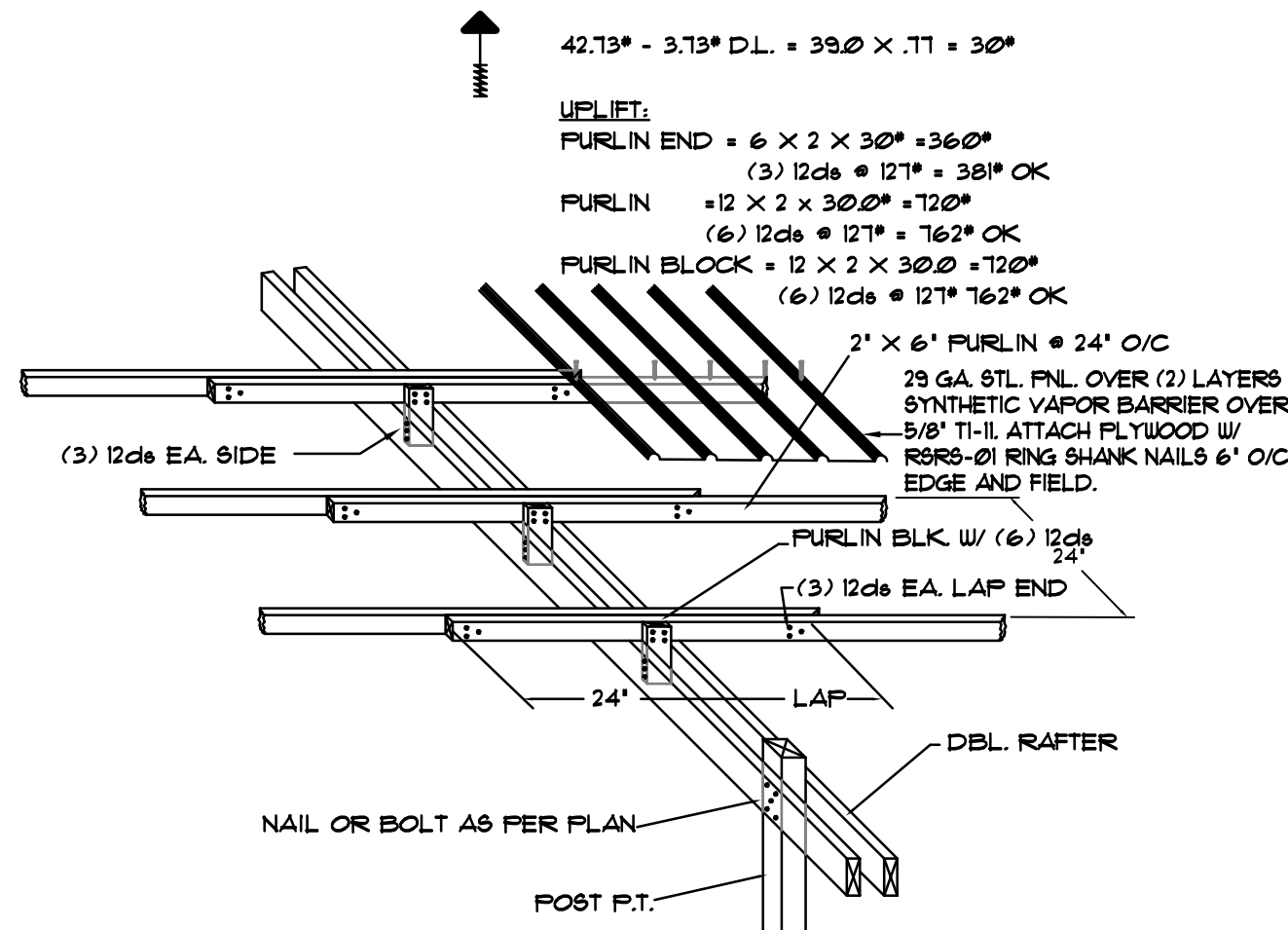
SIGN & SEAL

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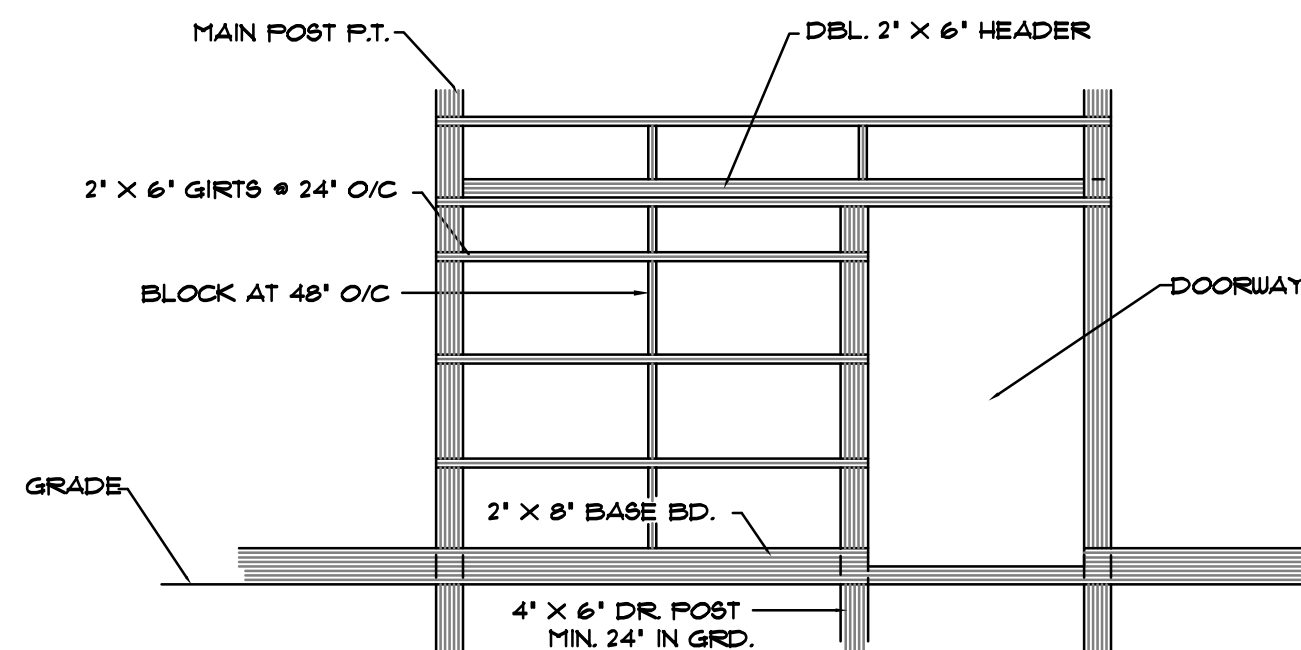
DRAWING NUMBER
202400023

BUILDING SECTION

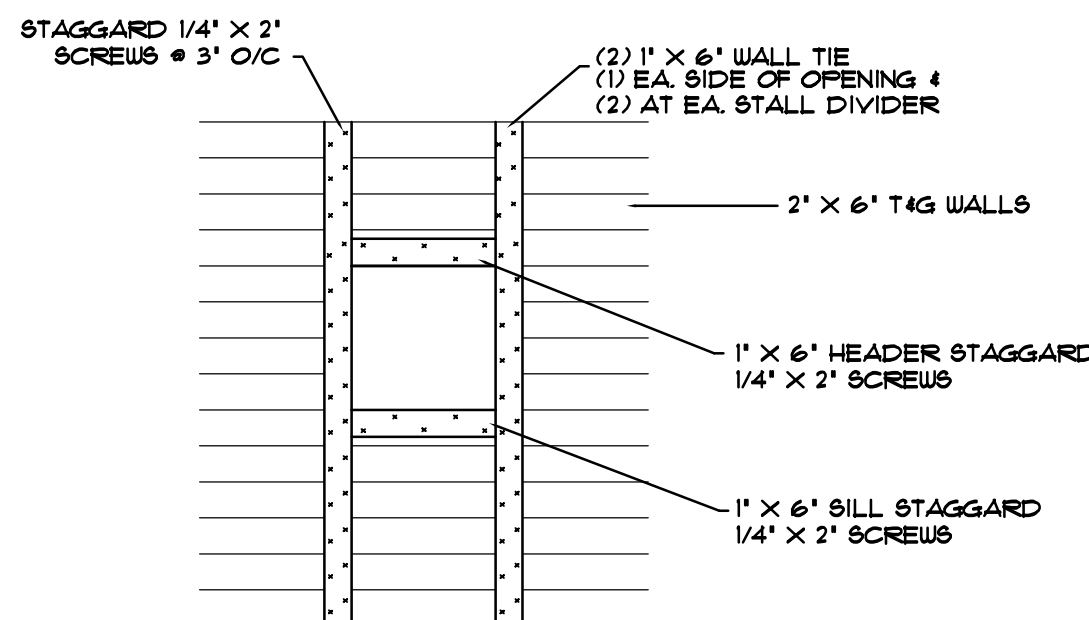
SCALE: 1/2" = 1'-0"



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

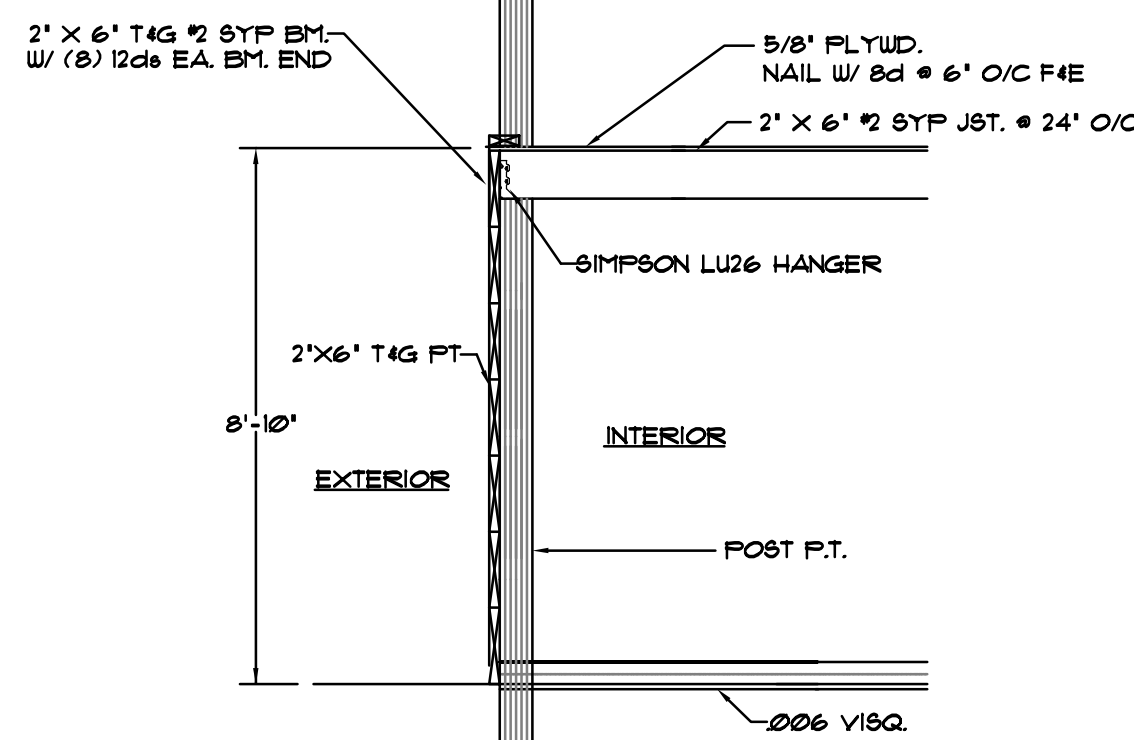


B GIRT BLOCK DETAIL
N.T.S.



C SCREW PLACEMENT PLAN
N.T.S.

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



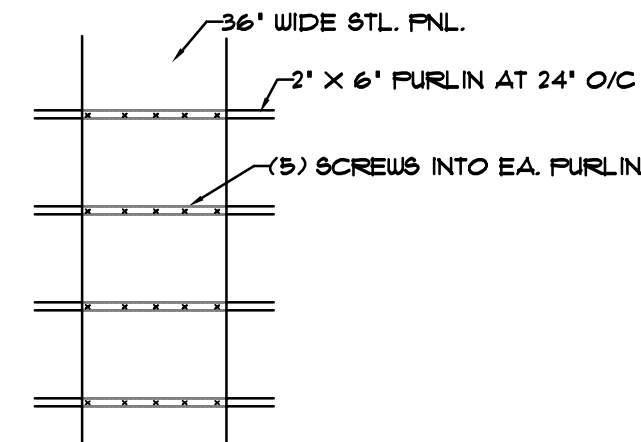
E WINDOW FRAMING DTL.
N.T.S.

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



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

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FLORIDA PRODUCT APPROVALS

METAL PNL. SIDING: 29 GA. MID FL. METAL ROOFING SUPPLY FL. #31391.1
METAL PNL. ROOFING: 29 GA. MID FL. METAL ROOFING SUPPLY FL. #23490.1
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:

B

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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DRAWING NUMBER
202400023

DATE	MARK	REMARK

REVISIONS

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE 140 MPH Vx3 SECOND GUST AND 100 MPH Vx10 WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2023 EDITION AND AGC 1.

Greenleaf
DESIGN SERVICES, INC.
2017 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

CHKD: DRAWN BY: MIKE D
PLOT DATE: 7/3/2024
DRAWING NAME: DS-01DETAILS.dwg

SHEET
NUMBER
DS-01
- OF -

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