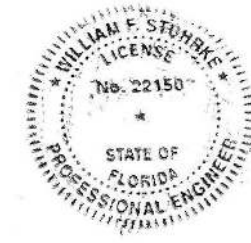


JONES BARN

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by William
Stuhhrke
Date:
2022.06.24
11:16:33 -04'00'

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DATE	MARK	REMARK	BY

REVISIONS

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED
THE 140 MPH V₃₀ 3 SECOND GUST AND 100 MPH V₁₀ WIND
LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010
EDITION AND ASCE 7.

Greenleaf
DESIGN SERVICES, INC.
2010 W. UNIVERSITY AVENUE
SUITE 100
LAKE CITY, FL 32056
(813) 441-1488

PROJECT: JONES BARN
3398 SW CUSTOM MADE CL.
LAKE CITY, FL 32056

SHEET TITLE
ROOF FRAMING
PLAN

CHKD: ☒ DRAWN BY: MIKE D
PLOT DATE: 6/24/2022
DRAWING NAME: AG2 ROOF PLAN

SHEET
NUMBER
A-03
- OF -

SIGN & SEAL

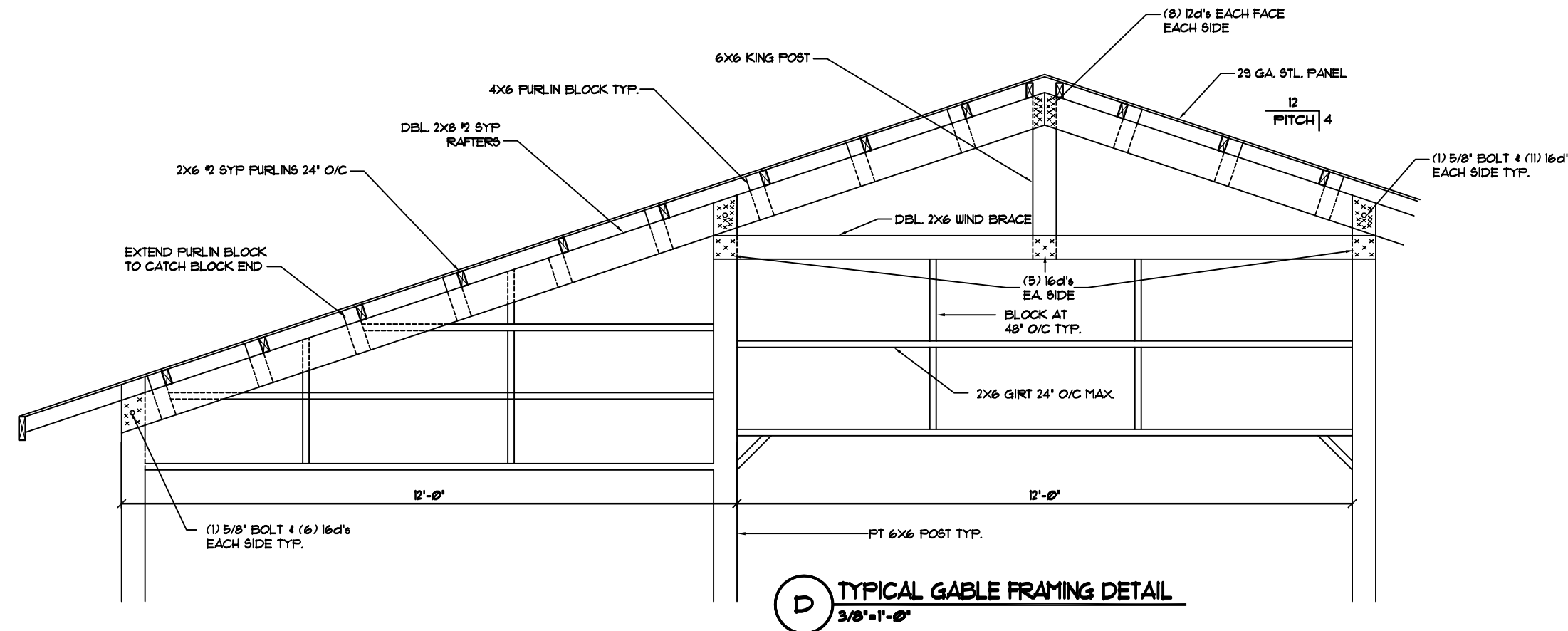
ENGINEERING

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

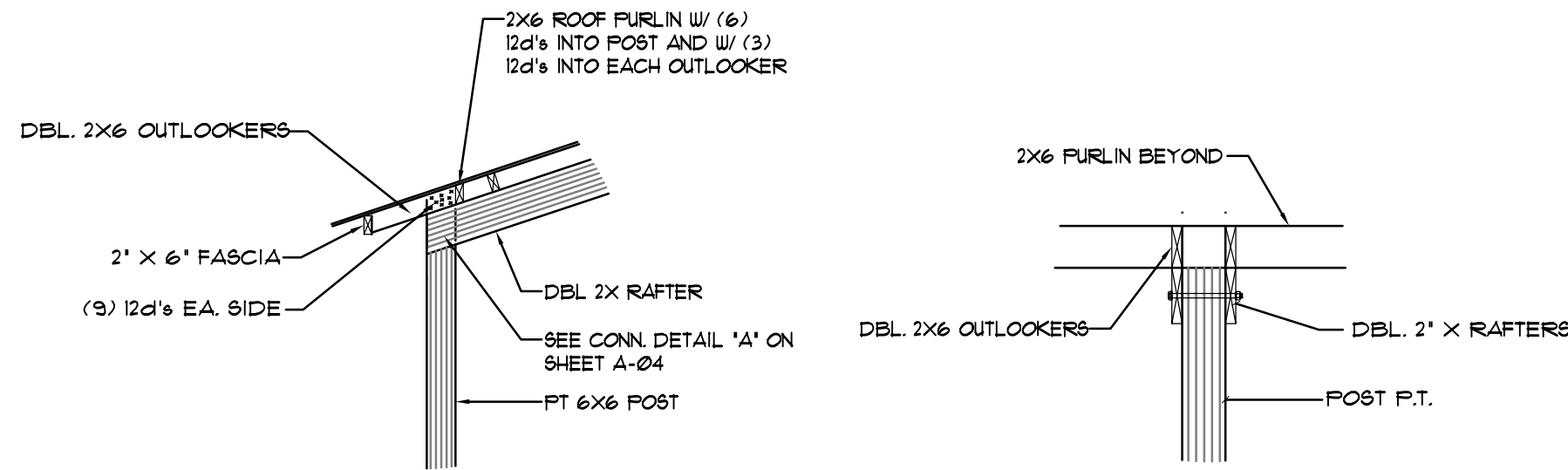
DRAWING NUMBER
2021000130

ROOF FRAMING PLAN

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

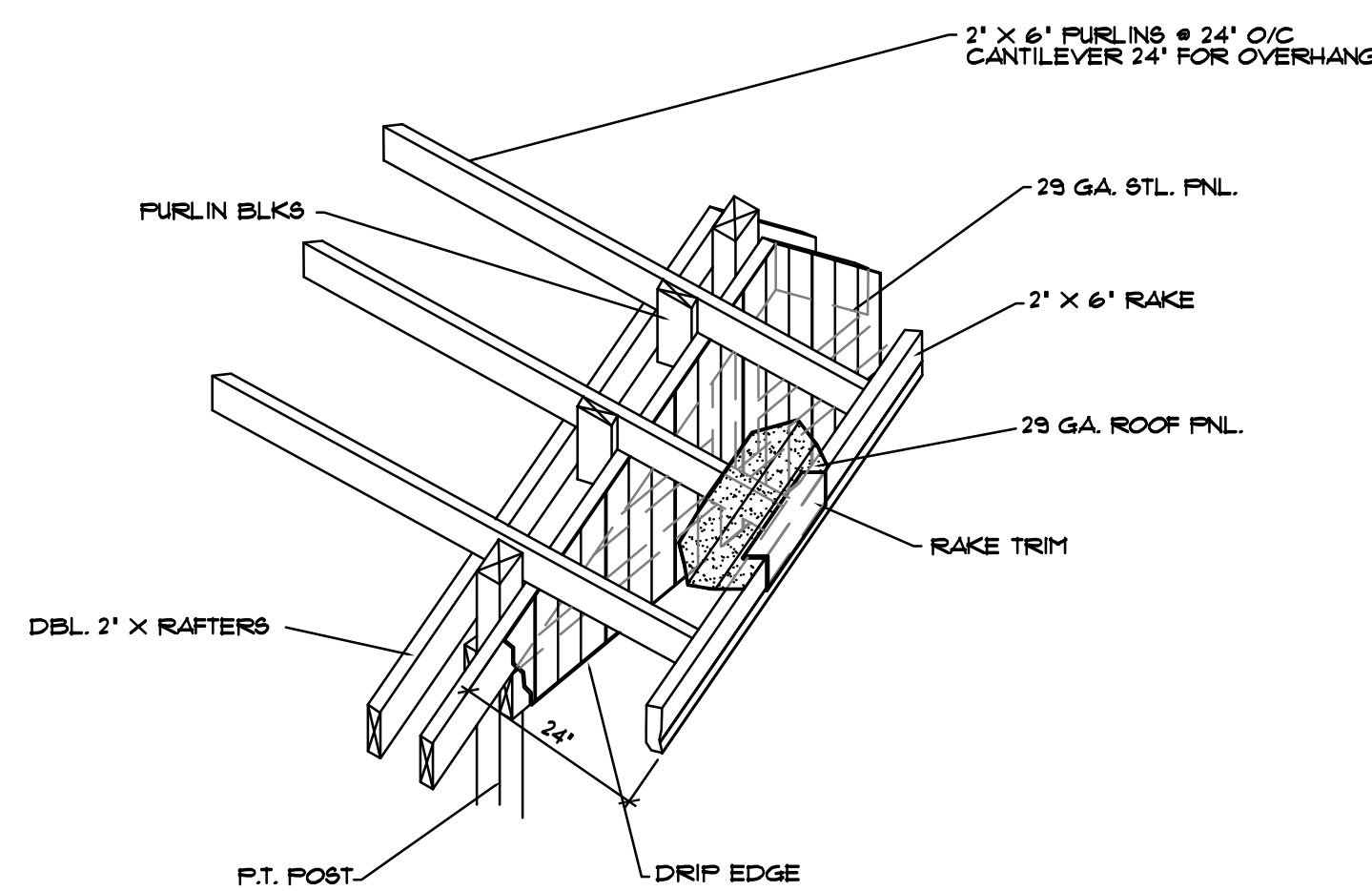


D TYPICAL GABLE FRAMING DETAIL
3'-0" x 1'-0"

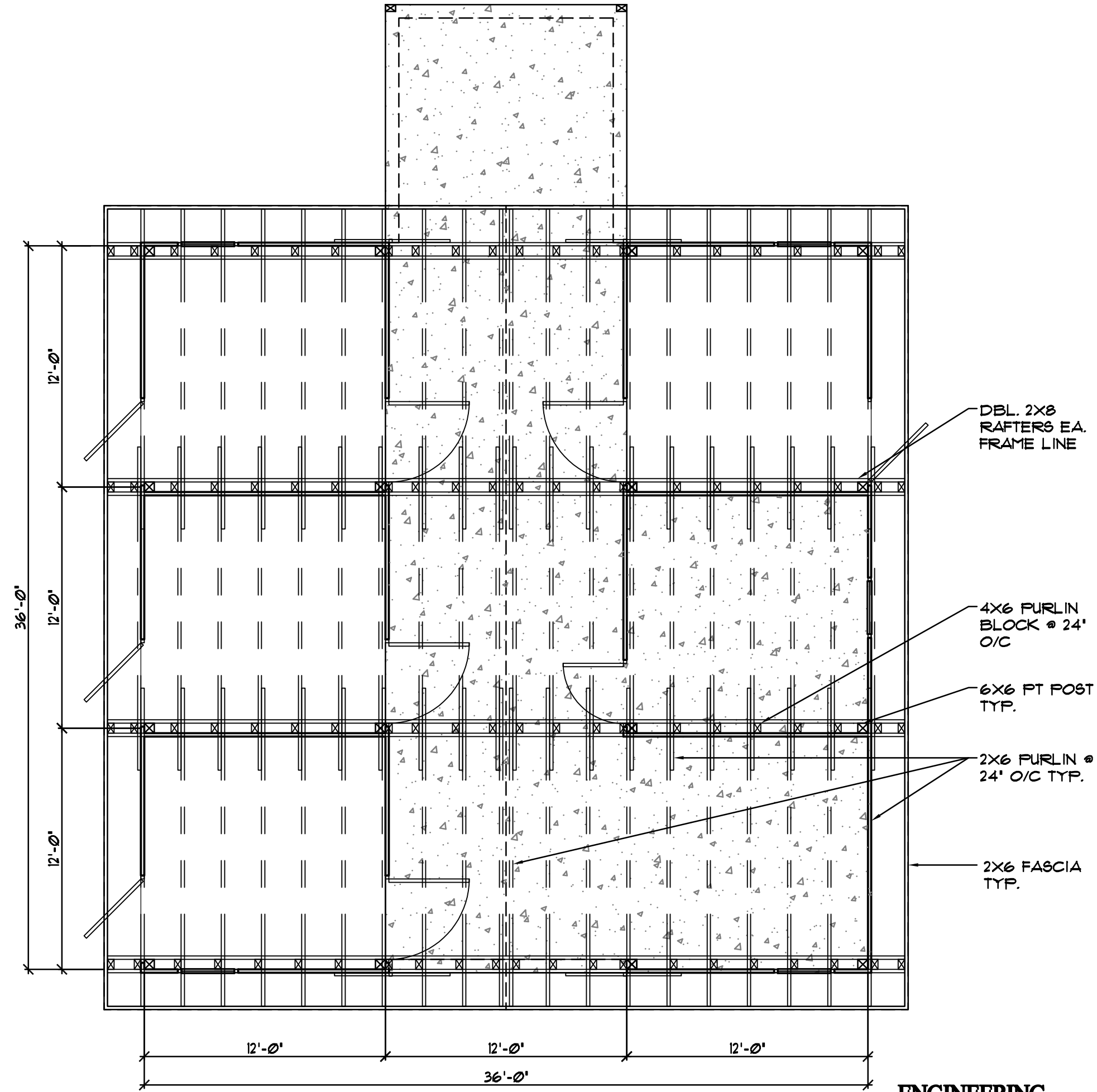


A FASCIA DETAIL
N.T.S.

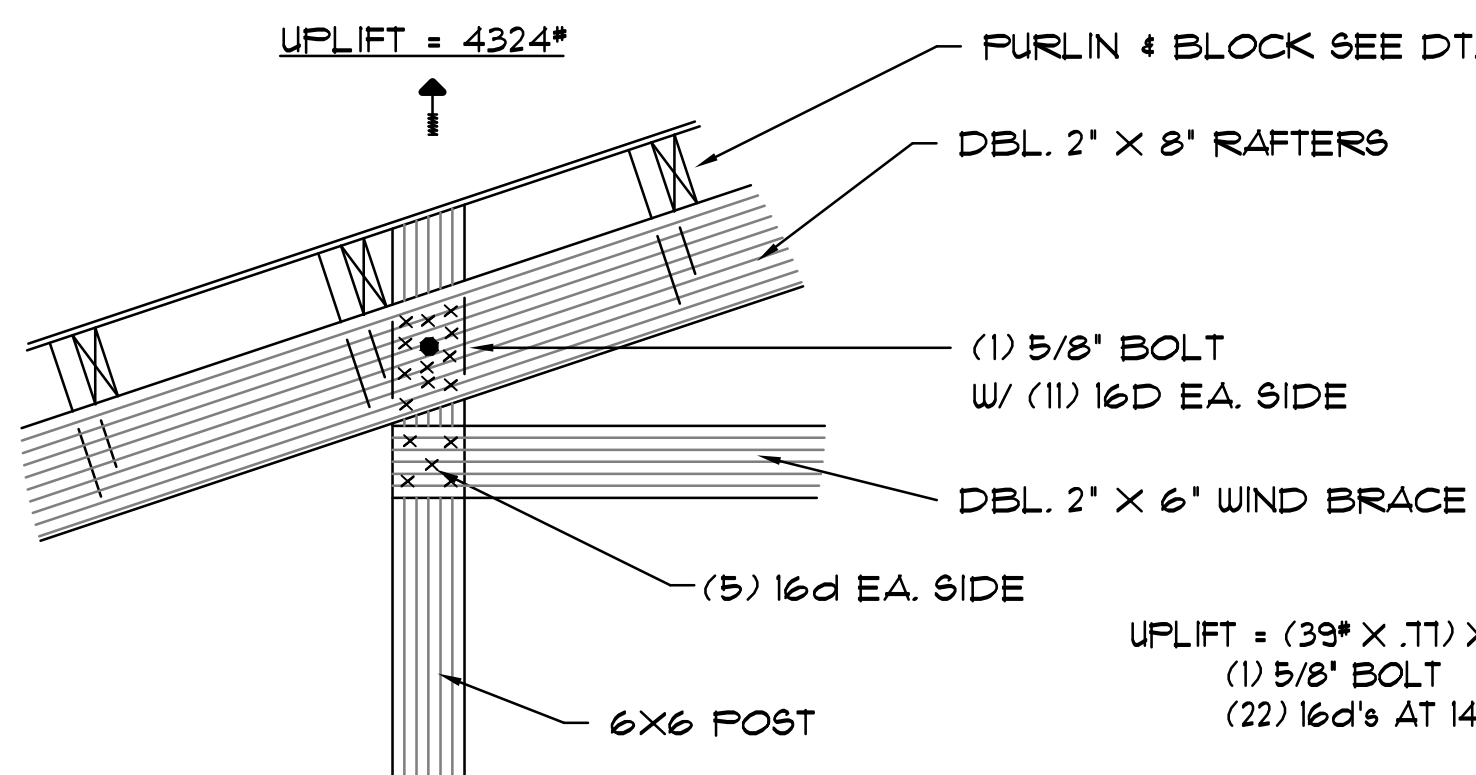
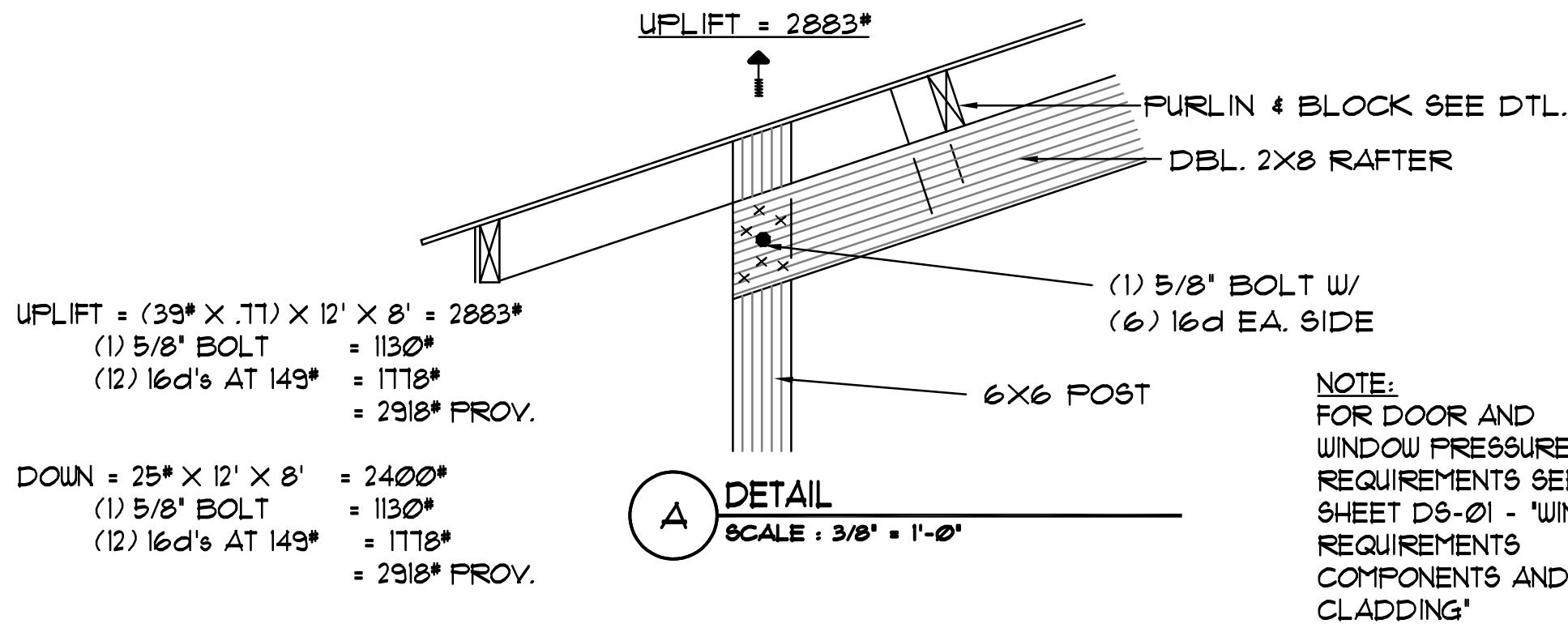
B FASCIA ELEVATION
N.T.S.



C GABLE ISOMETRIC DETAIL
N.T.S.



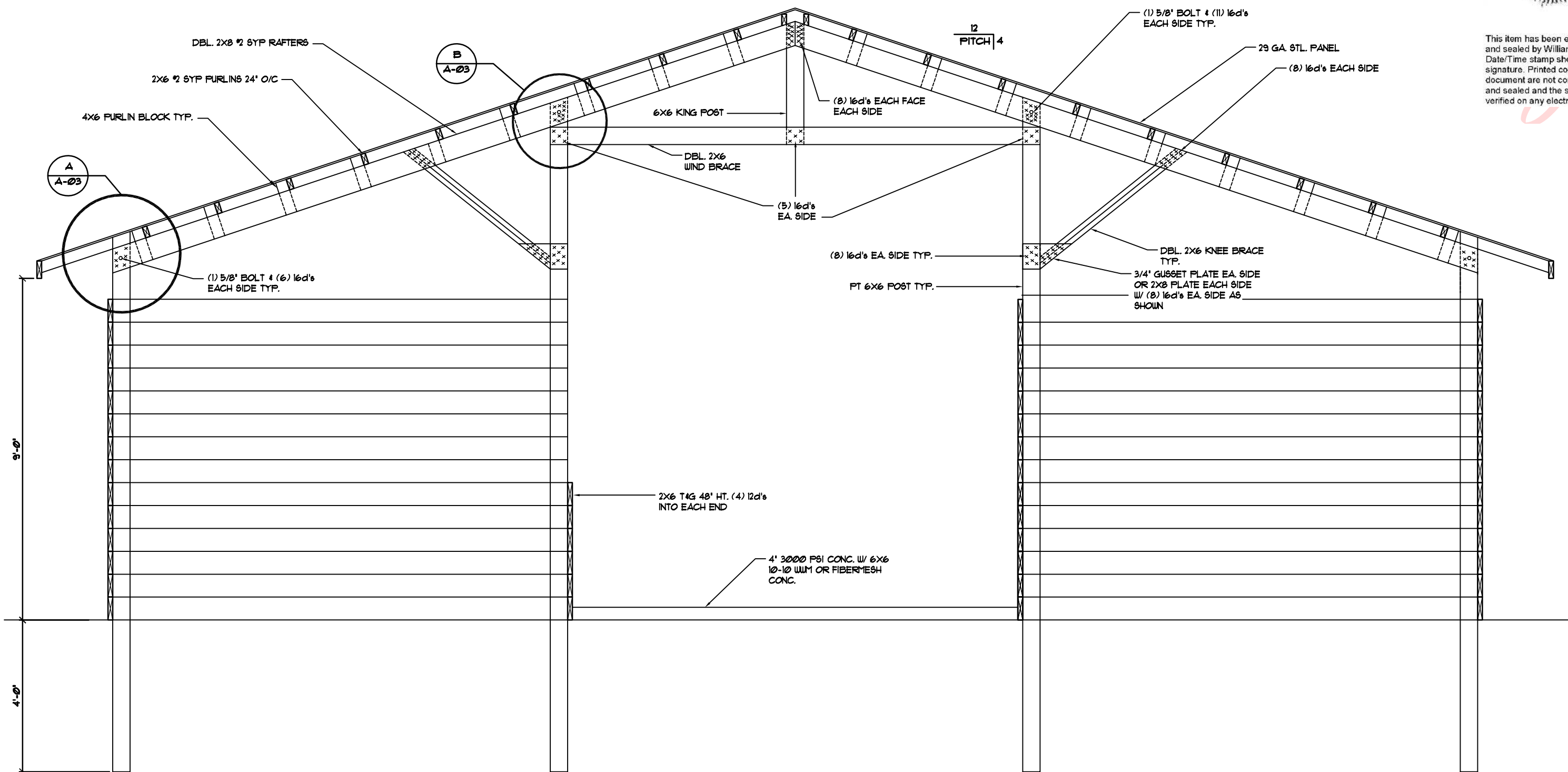
Small text block containing project information and notes.



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

UPLIFT = $(39' \times .77) \times 12' \times 12' = 4324\#$
 (1) 5/8" BOLT = 1130#
 (22) 16d's AT 149" = 3278#
 = 4408# PROV.

DOWN = $25' \times 12' \times 12' = 3600\#$
 (1) 5/8" BOLT = 1130#
 (22) 16d's AT 149" = 3278#
 = 4408# PROV.



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Stuhke
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1 BUILDING SECTION

SCALE: 3/8" = 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
2021000130

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
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Greenleaf
 DESIGN SERVICES, INC.
 2010 W. UNIVERSITY AVENUE
 SUITE 100
 LAKE CITY, FL 32056
 (813) 421-1488

PROJECT:
JONES BARN
3398 SW CUSTOM MADE CL.
LAKE CITY, FL 32056

SHEET TITLE
BUILDING
SECTION

CHKD: ☒ DRAWN BY: MIKE D
PLOT DATE: 6/24/2022
DRAWING NAME: ACP-BUILDING SECTION.dwg

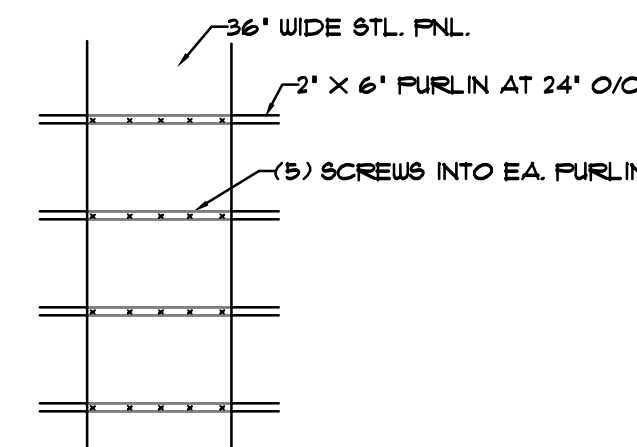
SHEET
NUMBER
A-04
- OF -

SIGN & SEAL

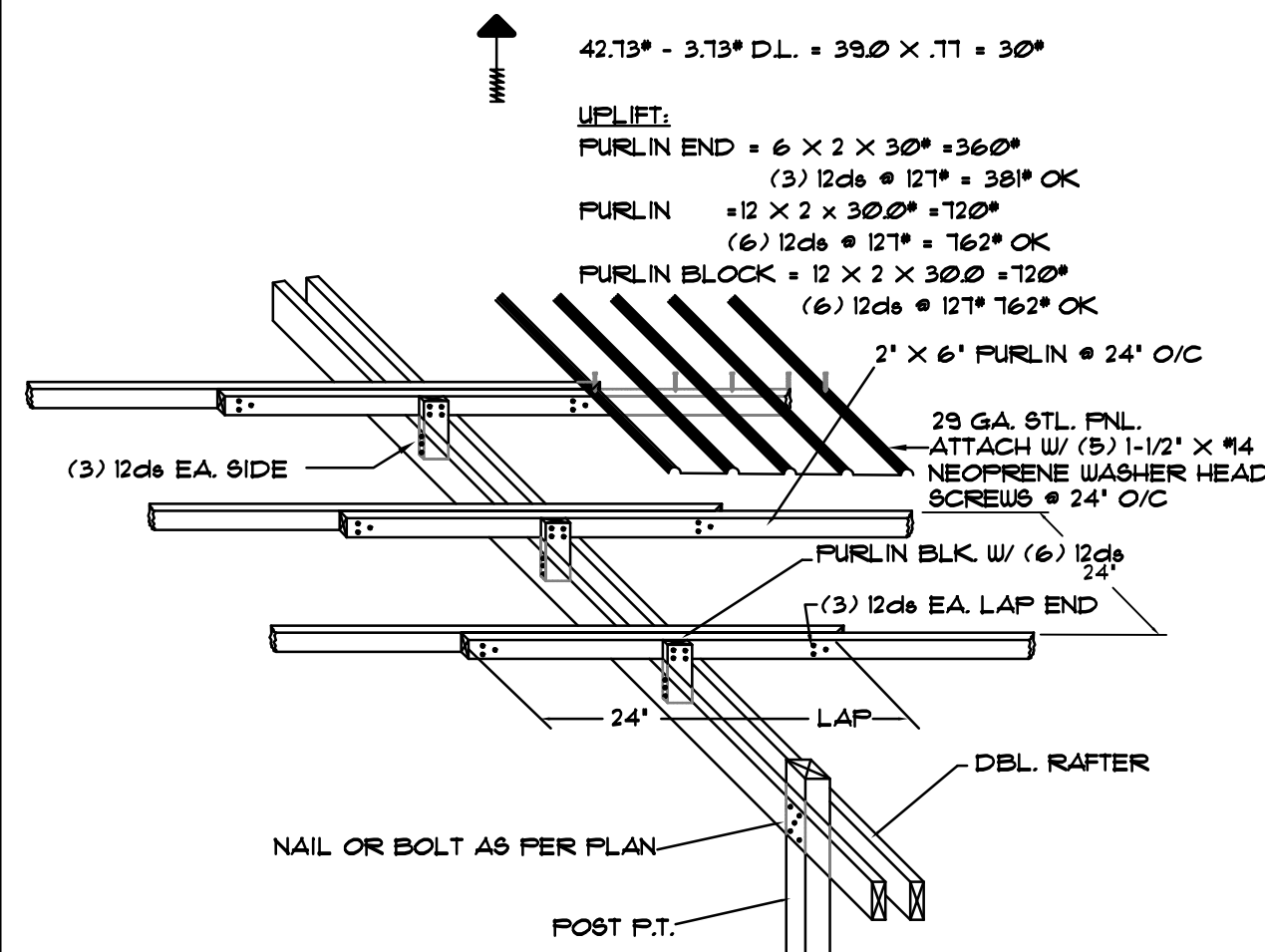


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by William
Stuhrke
Date:
2022.06.24
11:17:31 -04'00'

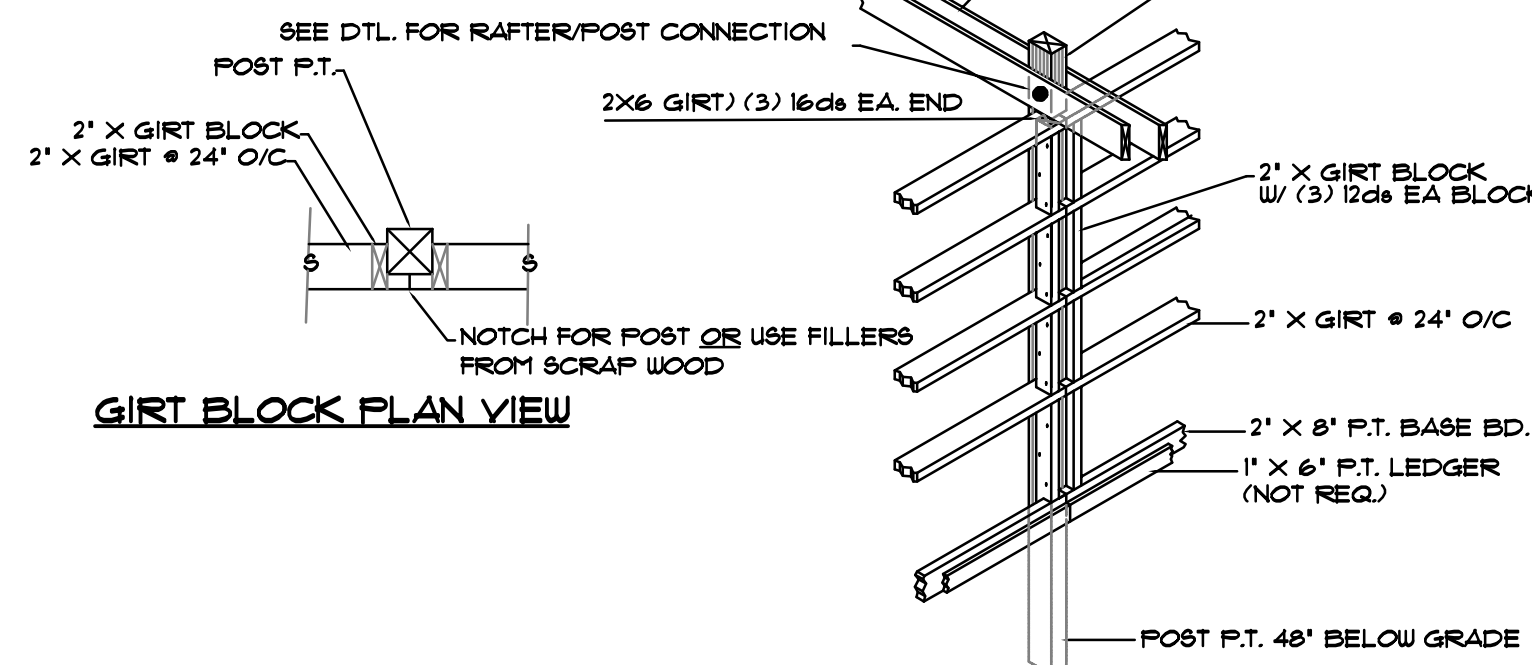
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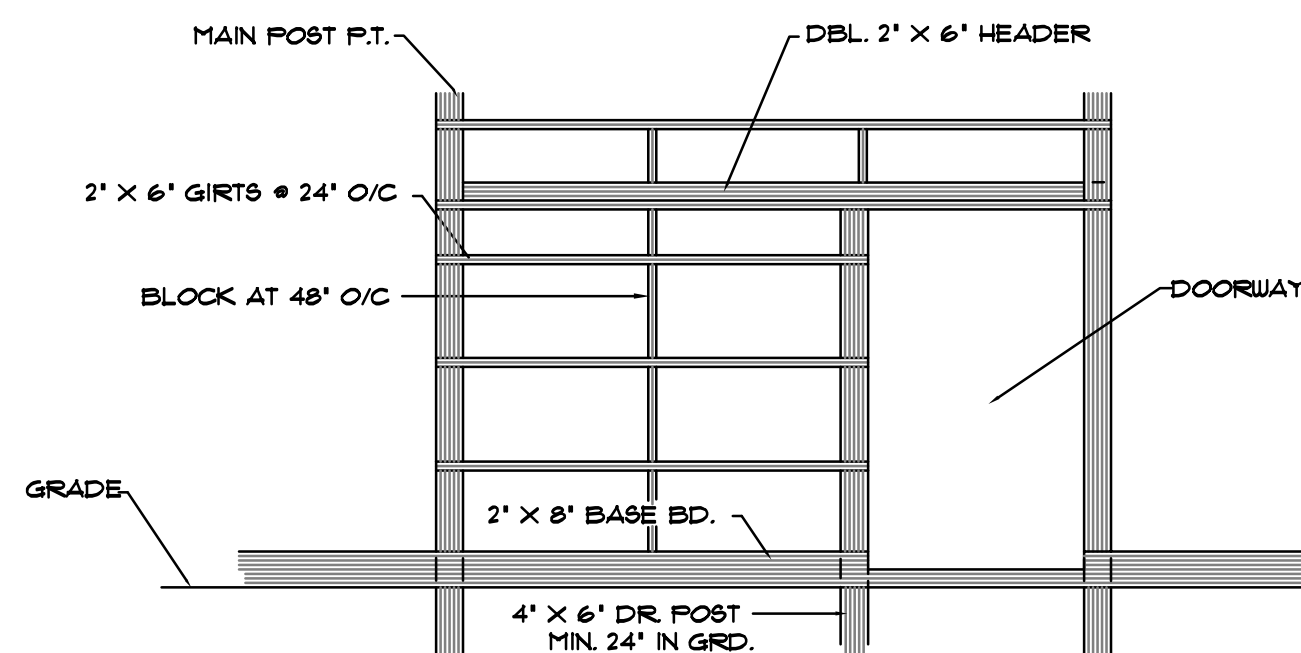
C SCREW PLACEMENT PLAN N.T.S.



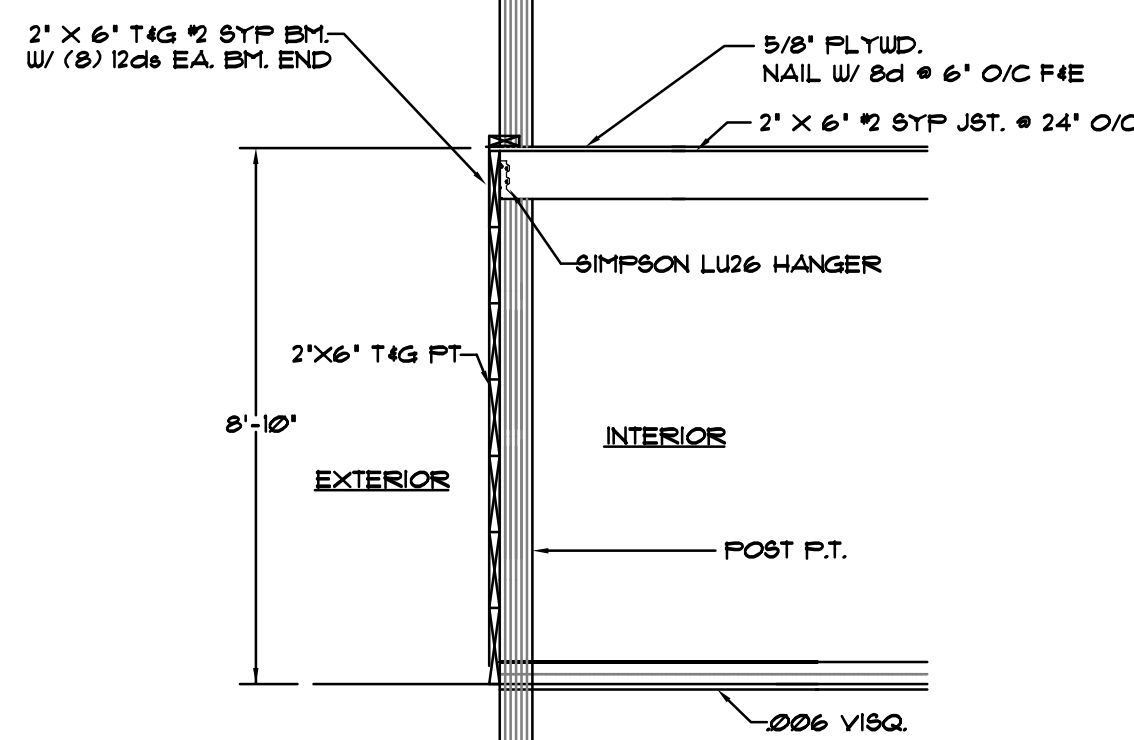
A 12 FT. BAY FURLIN SPLICE DTL. N.T.S.



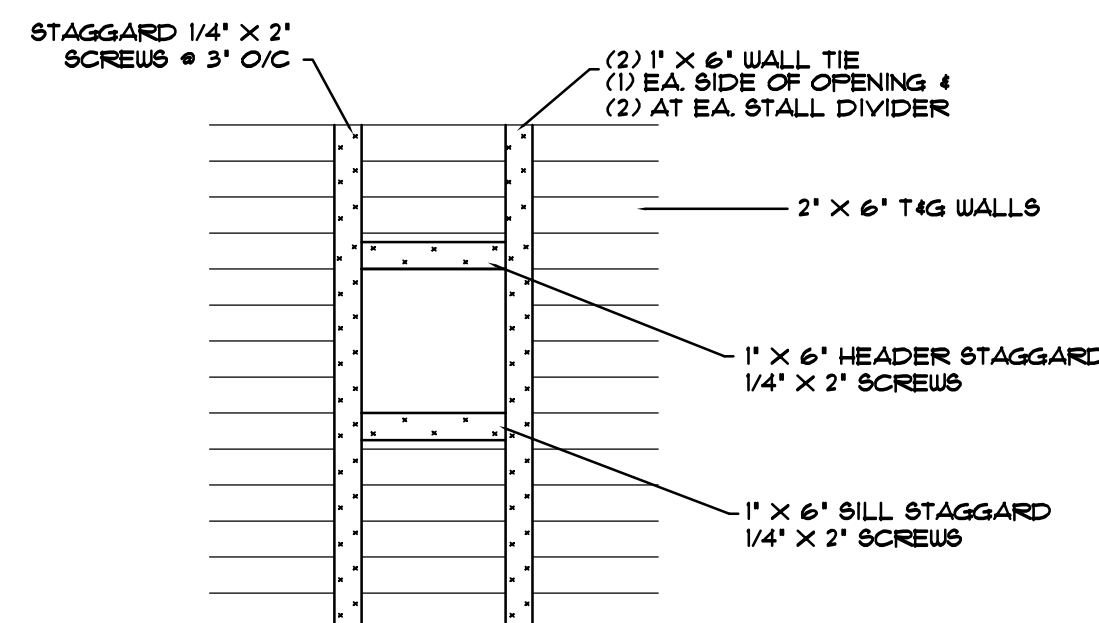
B GIRT BLOCK DETAIL N.T.S.



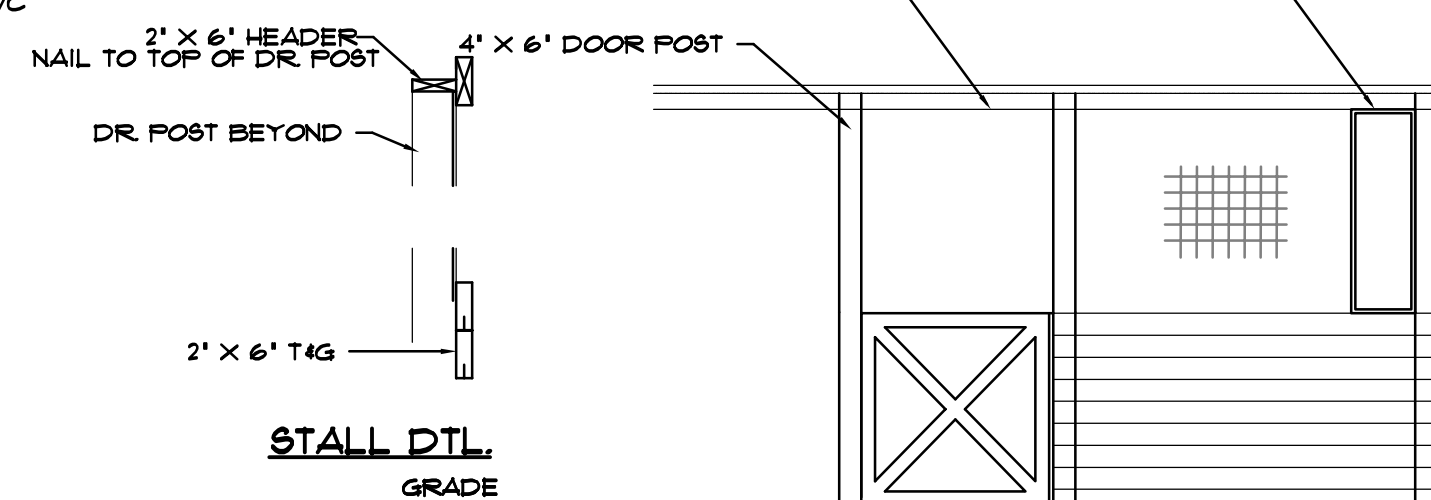
D DOOR FRAMING DTL. N.T.S. (AT TACK ROOM)



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



E WINDOW FRAMING DTL. N.T.S.



G STALL WALL DOOR DETAIL N.T.S.

FLORIDA PRODUCT APPROVALS

METAL FNL. SIDING: 29 GA. MID FL. METAL ROOFING SUPPLY FL. #23490.1
METAL FNL. ROOFING: 29 GA. MID FL. METAL ROOFING SUPPLY FL. #23490.1
WINDOWS: MI WINDOWS FL. #1499.1
DOORS - THERMA-TRU - FL21135.1

WIND REQUIREMENTS

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

BLDG. CATEGORY = I

WIND IMPORTANCE FACTOR = 0.71

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 -42.73 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. = 05°

BLDG. CLASSIFICATION:

V₆

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.

ENGINEERING

William F. Stuhrke, PhD, P.E.
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wfstuhrke@gmail.com

DRAWING NUMBER
2021000130

DATE	MARK	REMARK

REVISIONS

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED
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LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010
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Greenleaf
DESIGN SERVICES, INC.
2021 W. REBECCAS RUN DR.
WINTER GARDEN, FL 34787

PROJECT: JONES BARN
3398 SW CUSTOM MADE CL.
LAKE CITY, FL 32056

SHEET TITLE
DETAILS

CHKD: DRAWN BY: MIKE D
PLOT DATE: 6/24/2022
DRAWING NAME: DS-01DETAILS.dwg

SHEET
NUMBER
DS-01
- OF -

SIGN & SEAL