

MOURAS BLDG. 1

735 SW STERLING TER.  
HIGH SPRINGS, FL 32038

HIGH SPRINGS, FL 32038

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

[illegible][illegible]

|          |                                   |           |                               |          |                                  |         |                              |
|----------|-----------------------------------|-----------|-------------------------------|----------|----------------------------------|---------|------------------------------|
| 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         | MET.     | METAL                            | S.A.C.  | SUSPENDED ACOUSTICAL CEILING |
| AND.     | ANDIZED                           | E.W.C.    | ESCALATOR                     | MFP      | 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.    | BLACKING                          | 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                        | HDMR.     | HARDWARE                      | P.O.B.   | POINT OF BEGINNING               |         |                              |
| CONC.    | CONCRETE                          | H.C.      | 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                      | W/      | WITH                         |
| DIAM.    | DIAMETER                          | HW        | HOT WATER                     |          |                                  | W/O     | WITHOUT                      |
| DM.      | DIMENSION                         | I.D.      | INSIDE DIAMETER               | R        | RISER                            | W.C.O.  | WALL CLEAN OUT               |
| DN.      | DOWN                              | INCAND.   | INCANDESCENT                  | R/       | RETURN AIR                       | W.C.    | WATER CLOSET                 |
| DR.      | DOOR                              | INSUL.    | INSULATION                    | REBAR    | REINFORCING BAR                  | WD.     | WOOD                         |
| DS       | DOWN SPOUT                        |           |                               | RECEPT.  | RECEPTACLE                       | WH      | WATER HEATER                 |
| DWG.     | DRAWING                           | JAN.      | JANITOR                       | REF.     | REFERENCE                        | WT      | WEIGHT                       |
|          |                                   | JST.      | JOIST                         | REINF.   | REINFORCED                       | W.W.F.  | WELDED WIRE FABRIC           |
| EA.      | EACH                              |           |                               | REQD.    | REQUIRED                         | W.W.M.  | WELDED WIRE MESH             |
| E.I.F.S. | EXTERIOR INSULATION FINISH SYSTEM |           |                               |          |                                  | YD      | YARDED                       |

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

A circular professional engineer seal for William F. Sturkie. The outer ring contains the text "WILLIAM F. STURKIE" 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. Stuhke 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:  
2024.04.08  
11:10:45 -04'00'

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](mailto:wfstuhrke@gmail.com)

MOURAS BLDG. 1

**856.22'**

**539.83'**

**540.27'**

—EXISTING  
HOME UNDER  
CONSTRUCTION

PROPOSED  
BLDG.

853.56'



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

# SITE PLAN

SCALE: 1" = 50'-0"



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Digitally  
signed by  
William  
Stuhrke  
Date:

2024.04.08  
11:11:17  
-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](mailto:wfstuhrke@gmail.com)

**DRAWING NUMBER**  
202400025

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE 140 MPH V<sub>W</sub> 3 SECOND GUST AND 108 MPH V<sub>50</sub> WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2013 EDITION AND ASCE 7.

[illegible]

## REVISIONS

PROJECT: MOURAS BLDG. I

HIGH SPRINGS, FL 32038

**SHEET TITLE**

# SITE PLAN

CHKD:  DRAWN BY: MIKE D

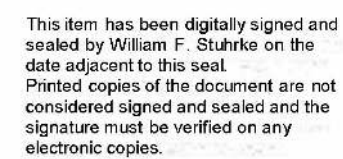
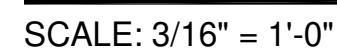
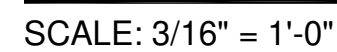
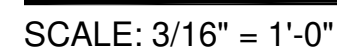
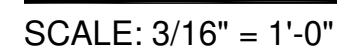
2

PLOT DATE:

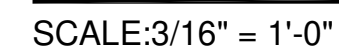
**DRAWING NAME:**

SHEET  
NUMBER  
A-01

SIGN &amp; SEAL



Digitally signed  
by William  
Stuhrke  
Date:  
2024.04.08  
11:11:36 -04'00'



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

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED  
THE 140 MPH V<sub>Wt</sub> 3 SECOND GUST AND 108 MPH V<sub>100</sub> WIND  
LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2013  
EDITION AND ASCE 7.

PROJECT: MOURAS BLDG. I

HIGH SPRINGS, FL 32038

**Greenleaf**  
Design Services, Inc.  
1331 W. MARTIN ST. LONGWOOD, FL 32750  
(407) 462-4469

Written Dimensions on these drawings shall have precedence over scale dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and this office must be notified of any variation from the dimensions and conditions shown by these drawings.

# FLOOR PLAN AND ELEVATIONS

CHOW. DRAWN BY: MIKE D

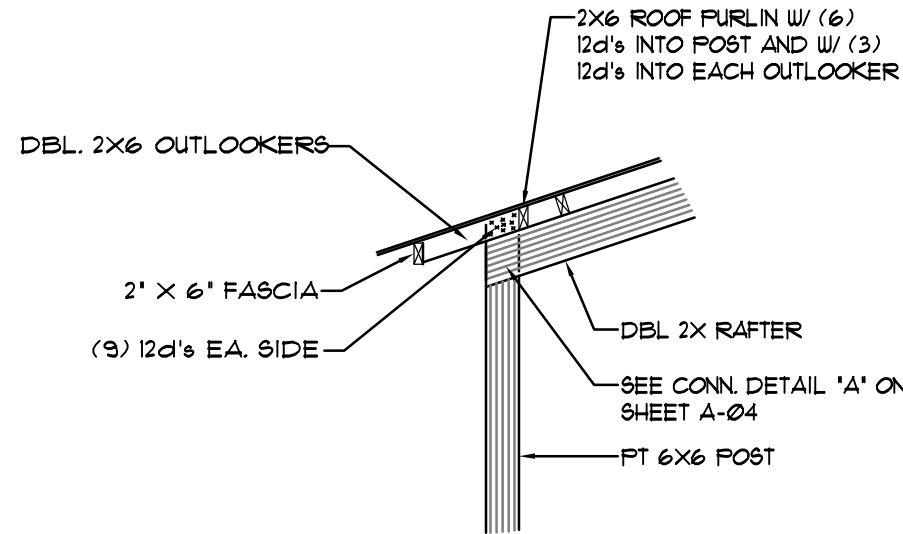
4/8/2024

SHEET  
NUMBER  
A-Ø2  
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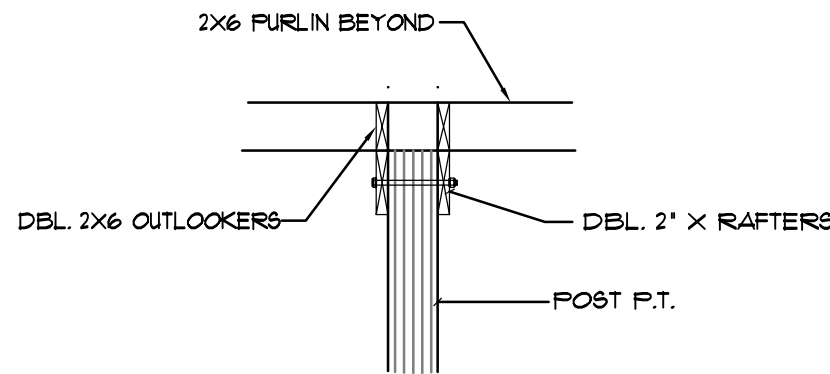
SIGN &amp; SEAL

**ENGINEERING**  
William F. Stuhrke, PhD, P.E.  
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12215 Rebeccas Run Dr.  
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[wfstuhrke@gmail.com](mailto:wfstuhrke@gmail.com)

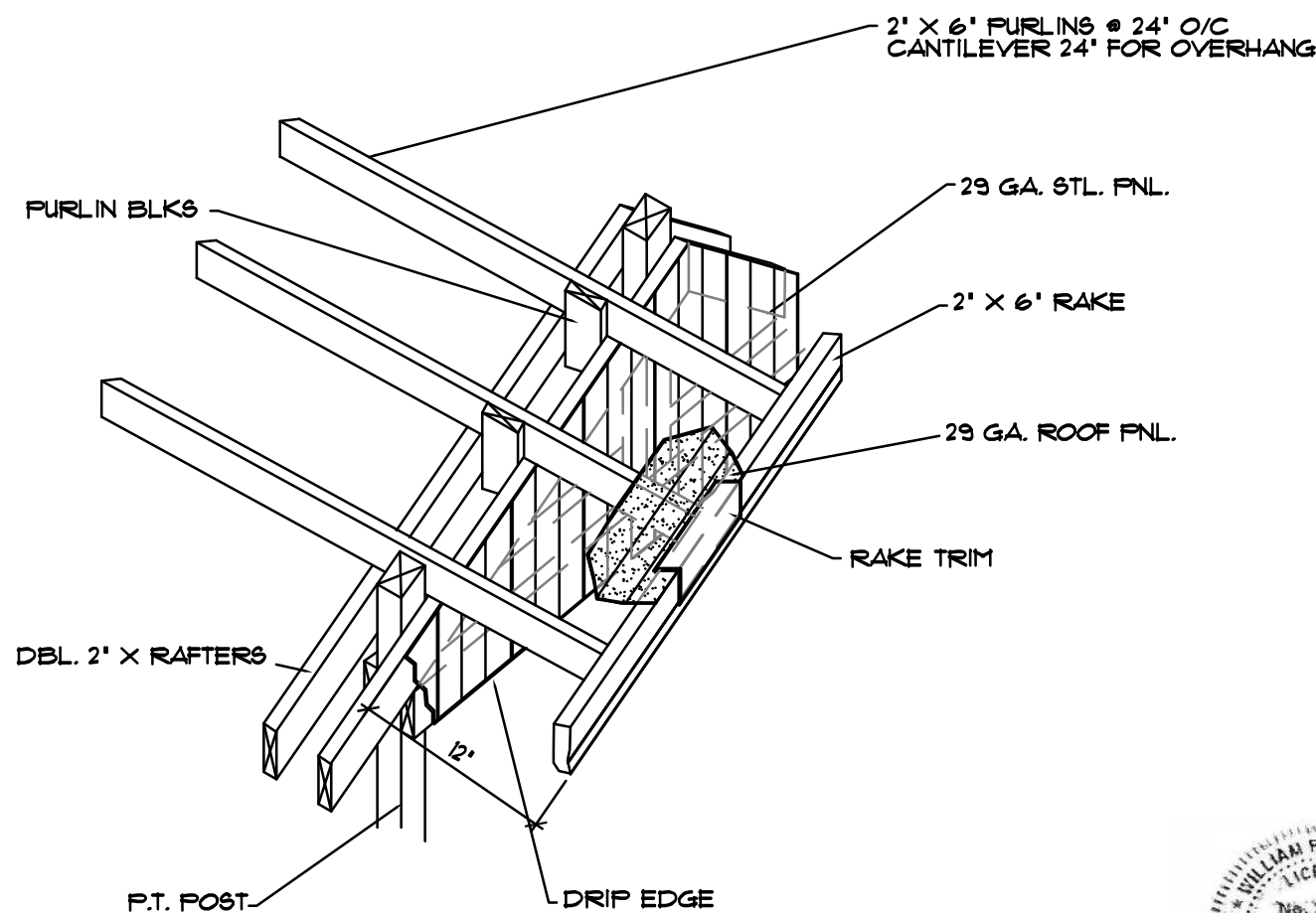
**DRAWING NUMBER**  
202400025



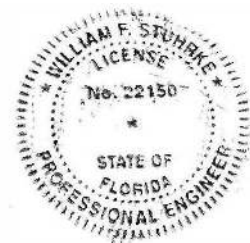
**A** FASCIA DETAIL  
N.T.S.



**B** FASCIA ELEVATION  
N.T.S.

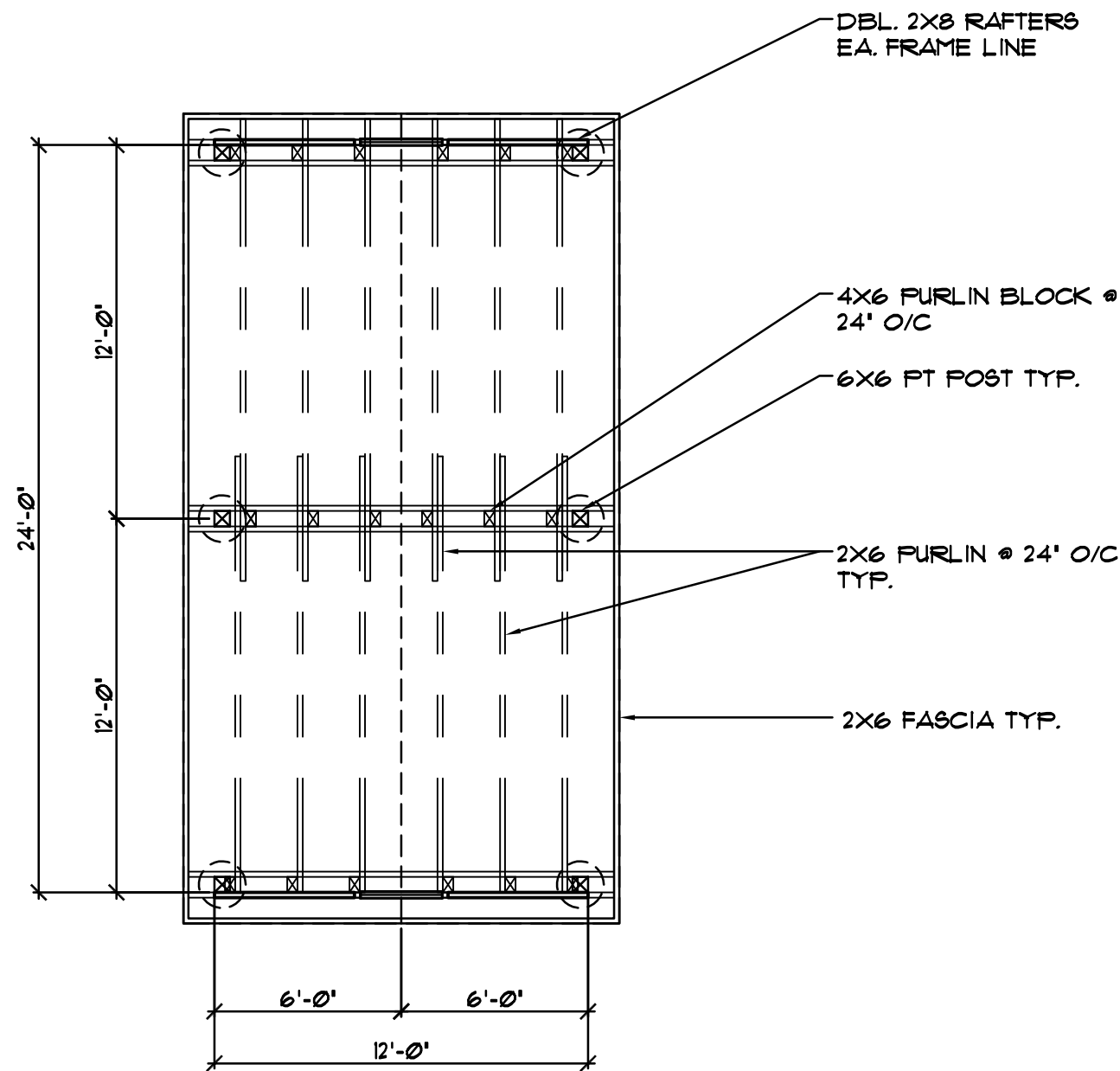


**C** GABLE ISOMETRIC DETAIL  
N.T.S.



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by William  
Stuhrke  
Date:  
2024.04.08  
11:11:56 -04'00'



## ROOF FRAMING PLAN

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

### 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  
202400025

| DATE | MARK | REMARK | BY |
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THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE 140 MPH, V<sub>30</sub> 3 SECOND GUST AND 100 MPH V<sub>10</sub> WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2023 EDITION AND ASCE 7.

**Greenleaf**  
DESIGN SERVICES, LLC.  
2024 RELEASE UNDER E.O. 14176

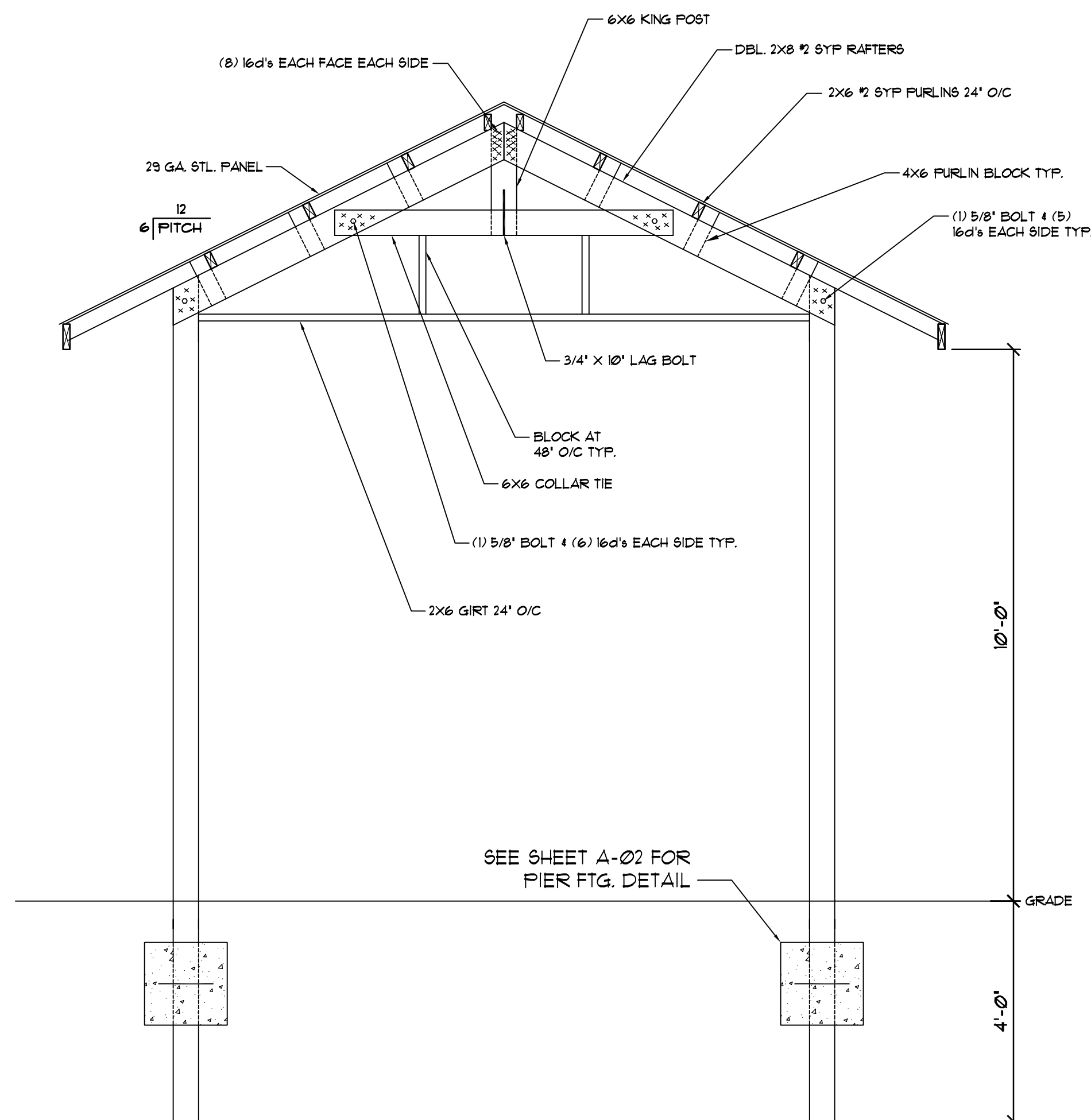
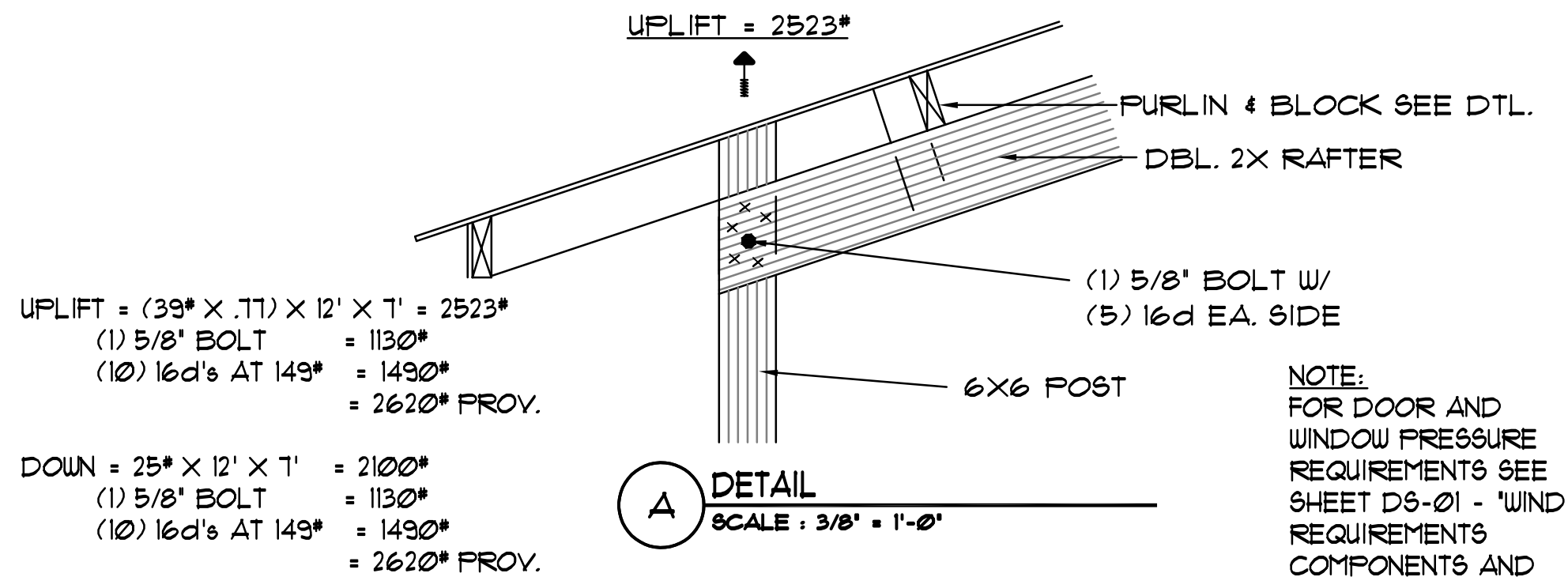
PROJECT:  
MOURAS BLDG. 1  
T35 SW STERLING TER.  
HIGH SPRINGS, FL 32038

SHEET TITLE  
ROOF FRAMING  
PLAN

CHKD: ☒ DRAWN BY: MIKE D  
PLOT DATE: 4/8/2024  
DRAWING NAME: A02 ROOF PLAN.dwg

SHEET  
NUMBER  
A-03  
- OF -

SIGN & SEAL



**BUILDING SECTION**  
SCALE: 1/2" = 1'-0"



Digitally signed  
by William  
Stuhrke  
Date:  
2024.04.08  
11:12:19 -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  
202400025

| DATE | MARK | REMARK | BY |
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| REVISIONS |
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THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED  
THE 140 MPH V<sub>3</sub> 3 SECOND GUST AND 100 MPH V<sub>100</sub> WIND  
LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2023  
EDITION AND AGC 1.

**Greenleaf**  
DESIGN SERVICES, INC.  
2011 W. HAWTHORNE AVENUE  
APT. 402-408

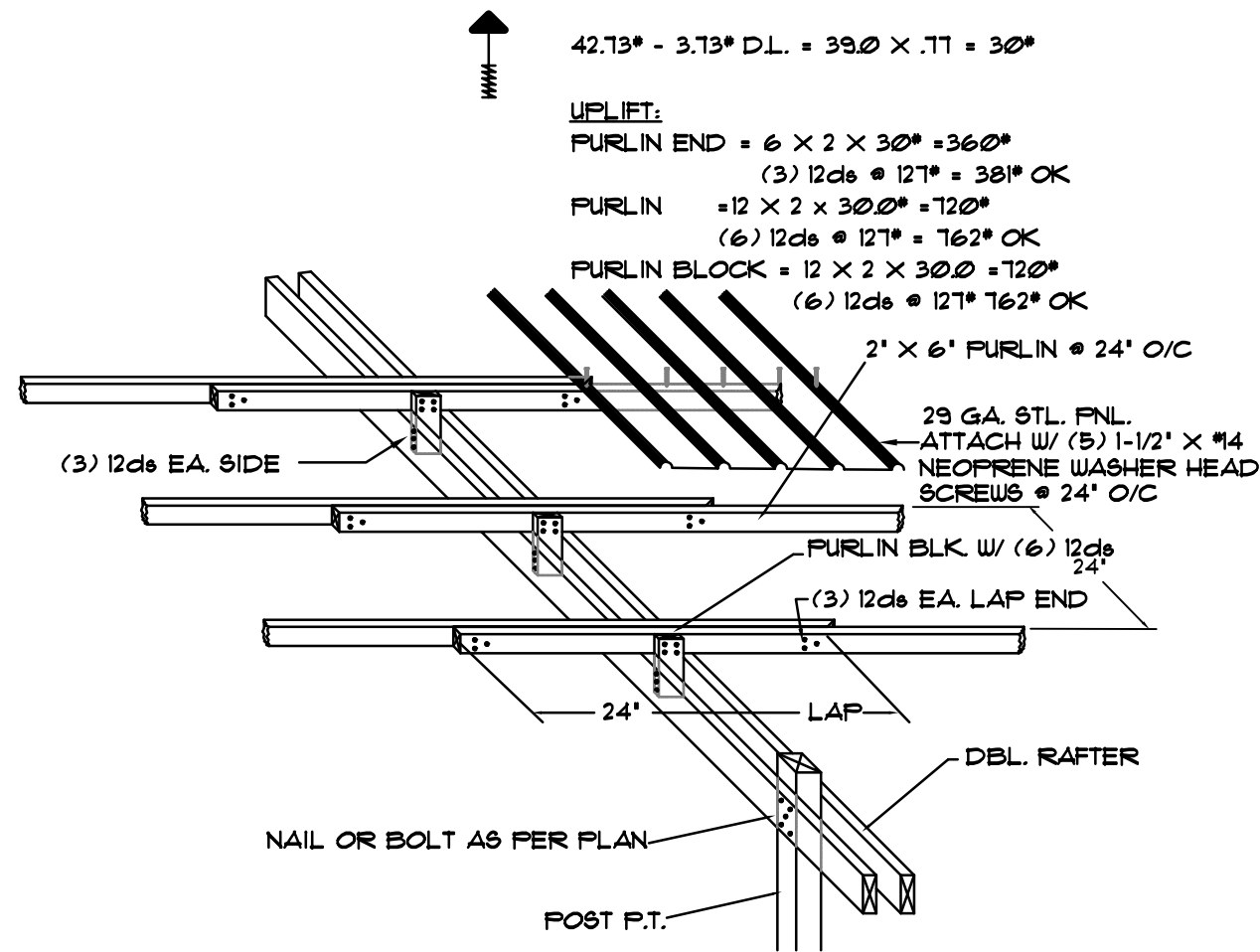
PROJECT:  
MOURAS BLDG. 1  
135 SW STERLING TER.  
HIGH SPRINGS, FL 32038

SHEET TITLE  
BUILDING  
SECTION

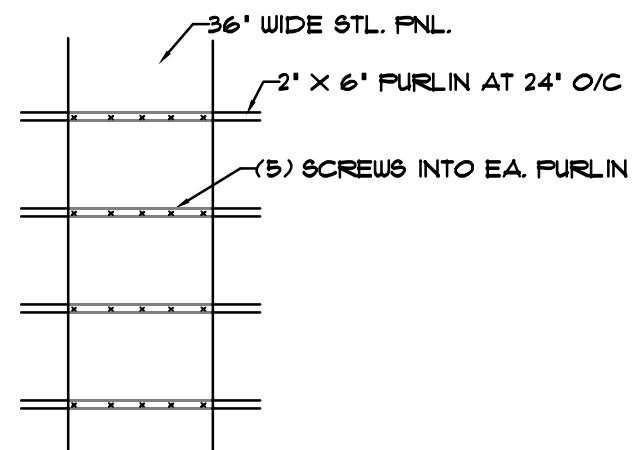
CHD: DRAWN BY: MIKE D  
PLOT DATE: 4/8/2024  
DRAWING NAME: ACP-FALLING SECTION.dwg

SHEET  
NUMBER  
A-04  
- OF -

SIGN & SEAL



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



B SCREW PLACEMENT PLAN  
N.T.S.

### FLORIDA PRODUCT APPROVALS

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

### 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 = +11.76 -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. = 05'

BLDG. CLASSIFICATION:

V<sub>6</sub>

#### GENERAL NOTES:

- 1.) ALL LUMBER TO BE #2 S.Y.P.
- 2.) BEARING POSTS TO BE 0.6 PCF C.C.A. OR 0.6 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.



Digitally signed  
by William  
Stuhke  
Date:  
2024.04.08  
11:12:43 -04'00'

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**ENGINEERING**  
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12215 Rebeccas Run Dr.  
Winter Garden, FL 34787  
Phone (407) 920-3119  
wfstuhke@gmail.com

DRAWING NUMBER  
202400025

| DATE | MARK | REMARK | BY |
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| REVISIONS |
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THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE 140 MPH V<sub>3</sub> 3 SECOND GUST AND 100 MPH V<sub>10</sub> WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2013 EDITION AND ASCE 7.

**Greenleaf**  
DESIGN SERVICES, INC.  
2015 WINDTUNNEL DRIVE  
APT. 401-408

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

SHEET TITLE  
DETAILS

CHKD: DRAWN BY: MIKE D  
PLOT DATE: 4/8/2024  
DRAWING NAME: DS-01DETAILS.dwg

SHEET  
NUMBER  
DS-01  
- OF -

SIGN & SEAL