

MOURAS BLDG. 2

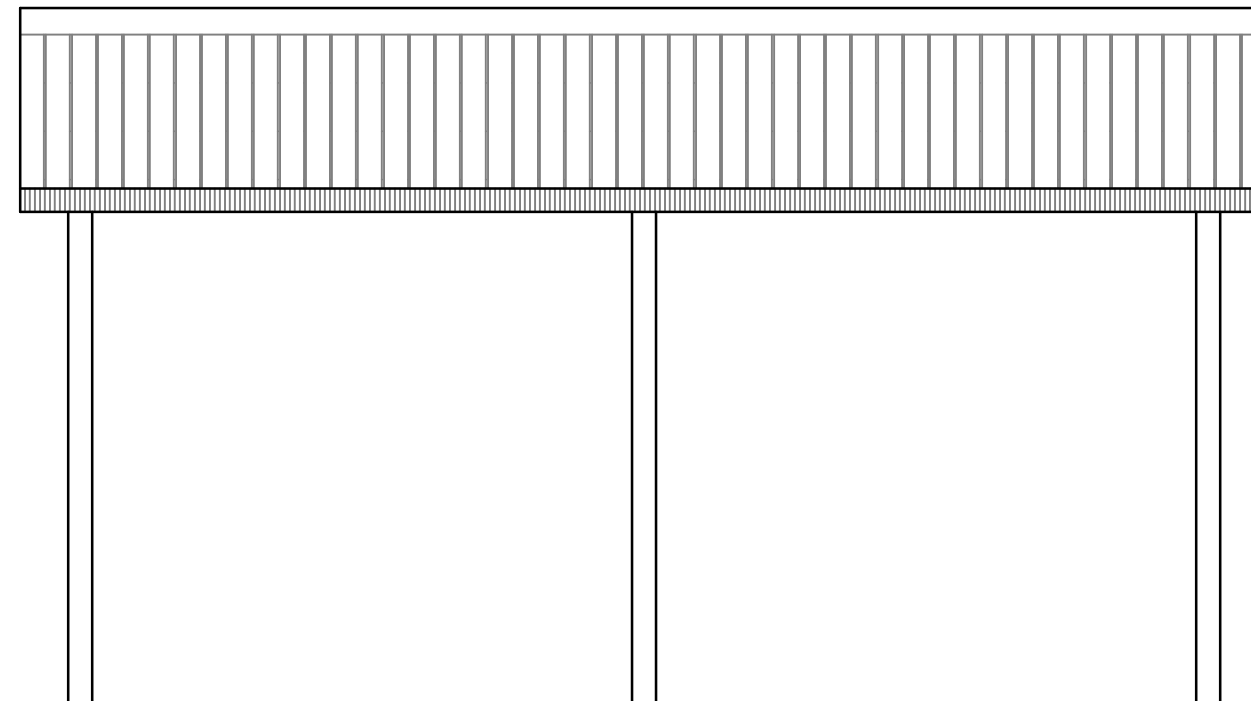
735 SW STERLING TER.
HIGH SPRINGS, FL 32038

MOURAS BLDG. 2

HIGH SPRINGS, FL 32038

Greenleaf

FRONT ELEVATION






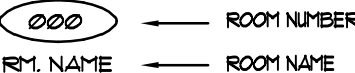
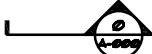
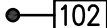


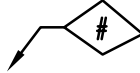



DRAWINGS INDEX

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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 | R.S. | SUPPLY |
| ALUM. | ALUMINUM | ESCAL. | ELECTRIC WATER HEATER | NET | METAL | S.A.C. | SANITARY |
| AND. | ANDIZED | E.W.C. | ESCALATOR | NF | MANUFACTURER | S.A.N. | SANITARY |
| ANNOX. | APPROXIMATE | EXT. | 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 | 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.I.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 |

ARCHITECTURAL SYMBOLS

| | |
|--|---|
|  <p>INTERIOR ELEVATIONS</p> |  <p>DOOR NUMBER INDICATION</p> |
|  <p>WALL SECTIONS</p> |  <p>ROOM NUMBER 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. 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>FLOOR PLAN TITLE</p> |

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



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Digitally signed
by William
Stuhrke
Date:
2024.04.08
11:18:01 -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 BLDG. 2

539.83'

SW STERLING TER.

856.22'

—EXISTING
HOME UNDER
CONSTRUCTION

PROPOSED
BLDG.

Diagram showing a rectangular structure with dimensions 24.0' by 12.0' and a height of 25'-0". A dimension line below indicates a total length of 853.56'.

415'-Ø' +/-

LEGAL DESCRIPTION:

COMM AT NW COR OF SEC, RUN S 80.15
FT TO S R/W OF C R 718, 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
5402.8 FT TO POB, AKA PARCEL 7,
SUMMERS ACRES UNR ORB 994-2498. WD
1160-2117, WD 1451-1700

SITE PLAN

SCALE: 1" = 50'-0"

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William
Stuhrke
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-04'00'

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 Phone (407) 920-3119
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DRAWING NUMBER
202400026

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 2013 EDITION AND ASCE 7.

Greenleaf
Design Services, Inc.
1311 W. MARTIN ST. LONGWOOD, FL 32750
(407) 462-1469

PROJECT: MOURAS BLDG. 2
735 SW STERLING TER.

HIGH SPRINGS, FL 32038

SHEET TITLE

SITE PLAN

MIKE D
PLOT DATE: 4/8/2024
DRAWING NAME: A-01 SITE PLAN.dwg

SHEET
NUMBER
A-01
OF -

IGN & SEAL

REVISIONS



29 GA. STL. FNL.

12 PITCH 6

10'-0"

PT 2X T4G

RIGHT ELEVATION

29 GA. STL. PANEL

1'-0"

REAR ELEVATION

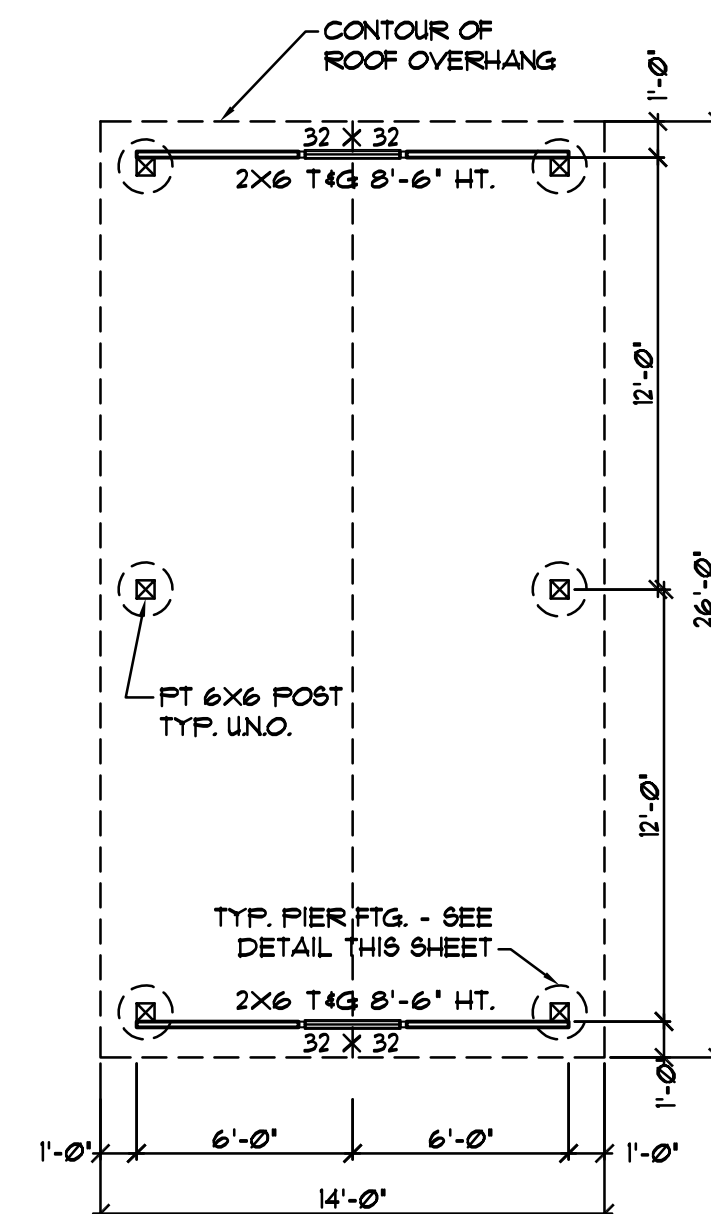
29 GA. STL. PANEL

1'-0"

FRONT ELEVATION

[illegible]

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




THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE 140 MPH V_{wr} 3 SECOND GUST AND 108 MPH V_{ms} WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2013 EDITION AND ASCE 7.

PROJECT: MOURAS BLDG. 2
T35 SW STERLING TER.
HIGH SPRINGS, FL 32038

SHEET TITLE

**FLOOR PLAN
AND ELEVATIONS**

UNK:  DRAWN BY: MIKE D
 PLOT DATE: 4/8/2024
 DRAWING NAME: ACH FOUNDATION PLAN.dwg

**SHEET
NUMBER**
A-02
- OF -

SIGN & SEAL

CONCLUSIONS

Greenleaf
Design Services, Inc.
1311 W. MAURIN ST. LONGWOOD, FL 32750
(407) 462-4669

A circular professional engineer seal for William F. Sturke. The outer ring contains the text "WILLIAM F. STURKE" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No. 22150" is in the center, and "STATE OF FLORIDA" is at the bottom, also separated by two stars.

Digitally signed
by William
Stuhrke
Date:

2024.04.08

11:19:04[®] -04'00'

FLOOR PLAN

ENGINEERING

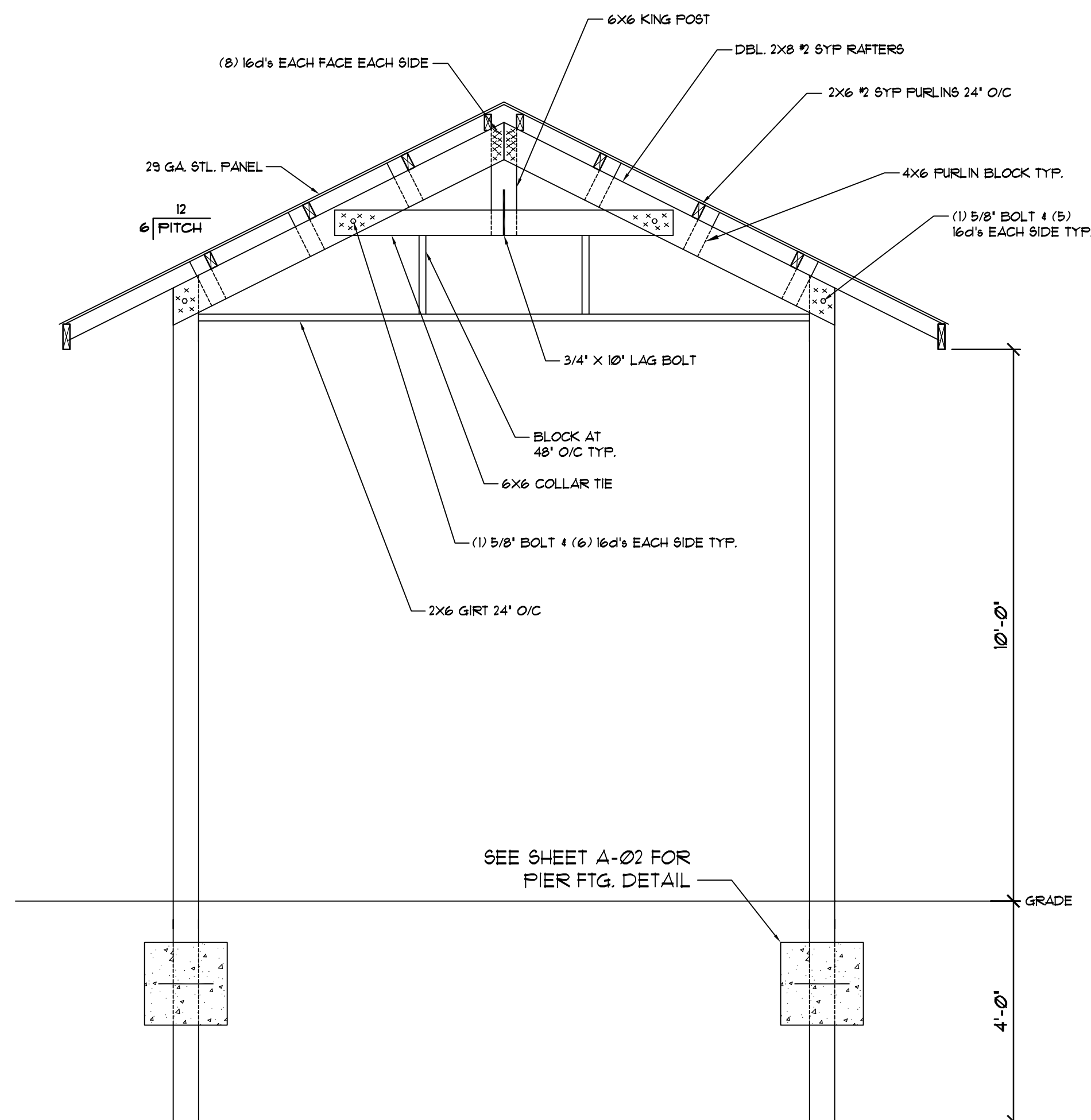
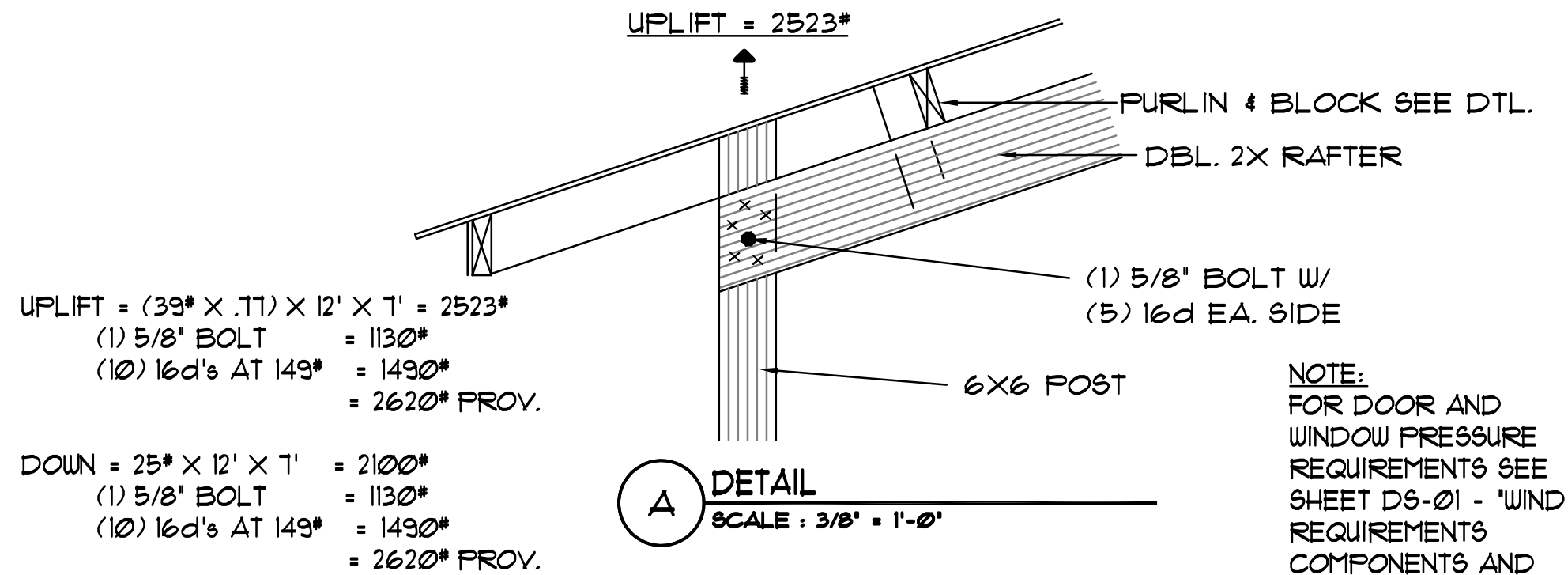
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State of Florida PE # 22150
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Winter Garden, FL 34787
Phone (407) 920-3119
wfstuhrke@gmail.com

DRAWING NUMBER
202400026



| DATE | MARK | REMARK | BY: |
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REVISIONS



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



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Winter Garden, FL 34787
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| 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 V₃ SECOND GUST AND 100 MPH V₁₀ WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2013 EDITION AND AGC 1.

Greenleaf
DESIGN SERVICES, INC.
2015 WIND TUNNEL REPORT 2013

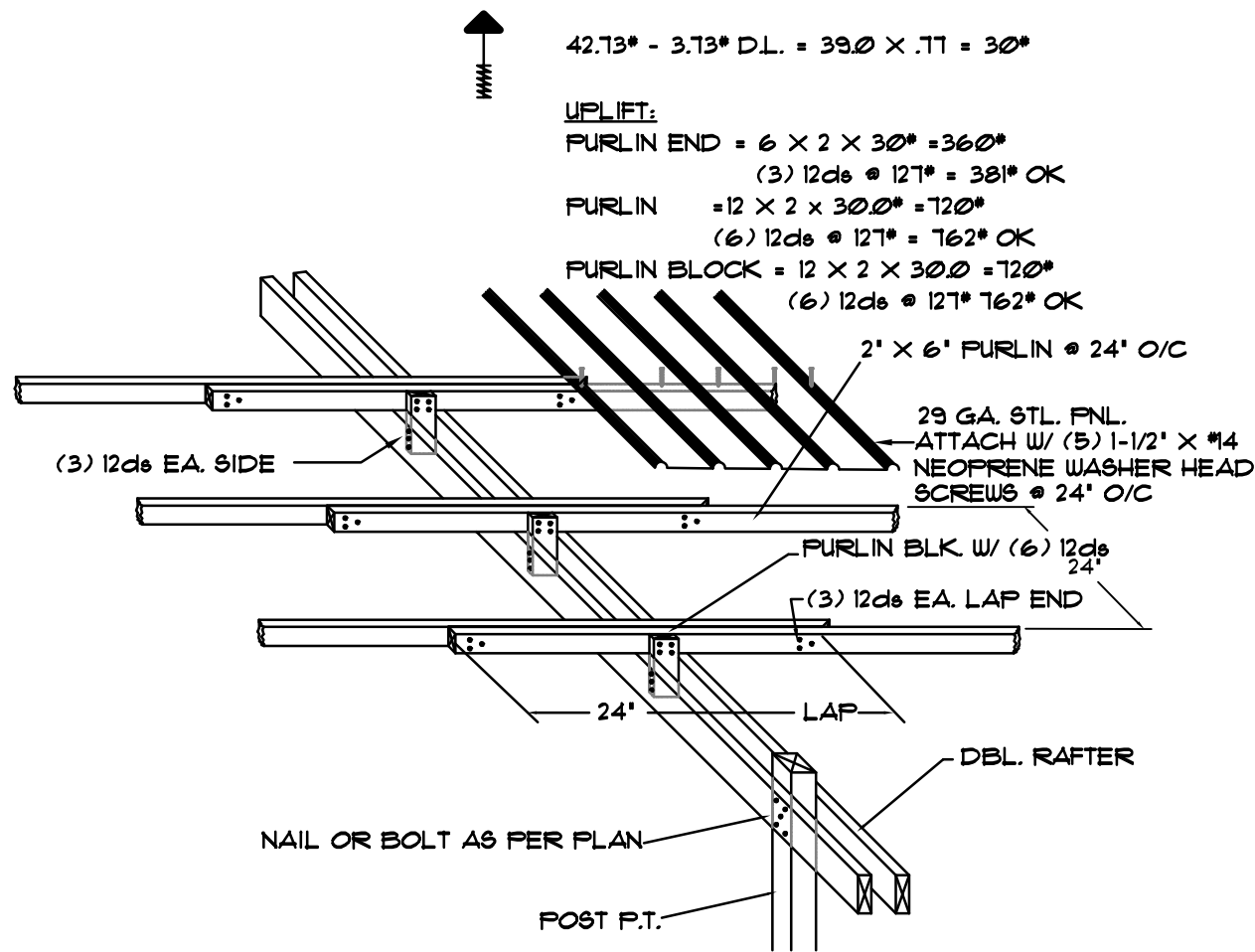
PROJECT:
MOURAS BLDG. 2
135 SW STERLING TER.
HIGH SPRINGS, FL 32038

SHEET TITLE
BUILDING SECTION

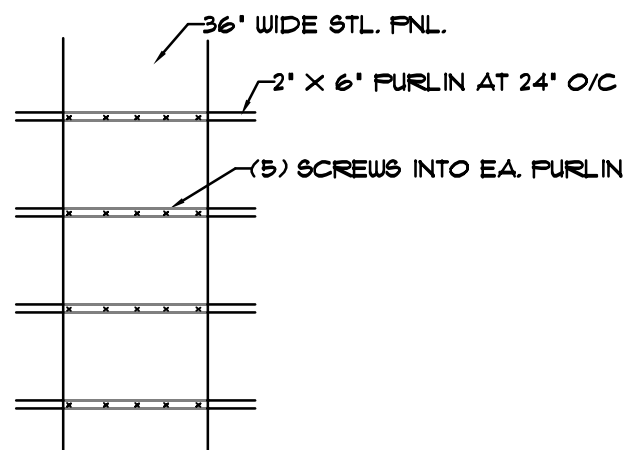
CHKD: DRAWN BY: MIKE D
PLOT DATE: 4/8/2024
DRAWING NAME: ACP-BUILDING SECTION.dwg

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:
V₆

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.



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DRAWING NUMBER
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THE 140 MPH V₃ 3 SECOND GUST AND 100 MPH V₁₀ WIND
LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE 2013
EDITION AND ASCE 7.

Greenleaf
DESIGN SERVICES, INC.
2024.04.08

PROJECT:
MOURAS BLDG. 2
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

REVISIONS