



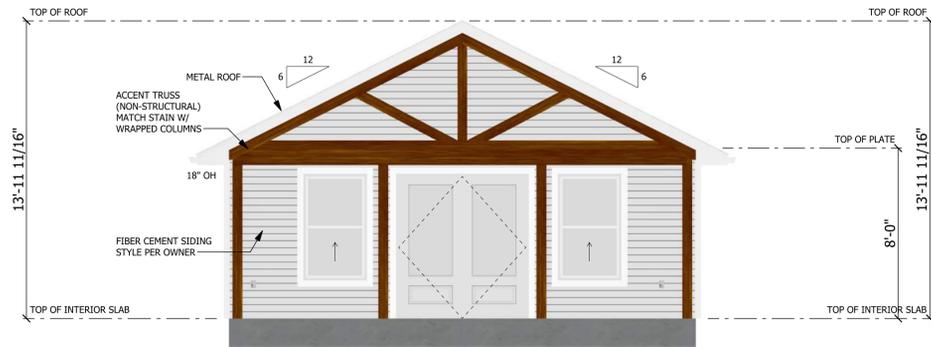
# JANUARY SKY DESIGNS

*JANUARYSKYDESIGNS.COM*  
*PO BOX 1076 + LIVE OAK, FL 32064*  
*TEL: 386-209-4435*

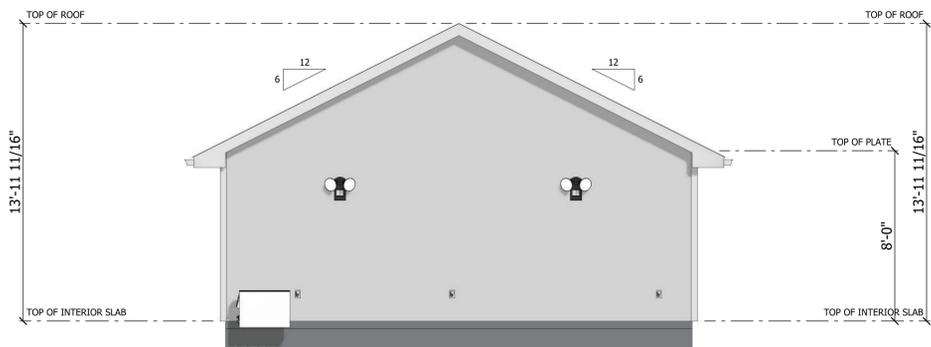
**A PROJECT FOR:**  
**MICHAEL DAVIS**  
LAKE CITY, FL  
COLUMBIA COUNTY

DRAWING SCHEDULE	
Floor Layout	1
<b>Structural Plan Set</b>	
FND	S1
DET	S2

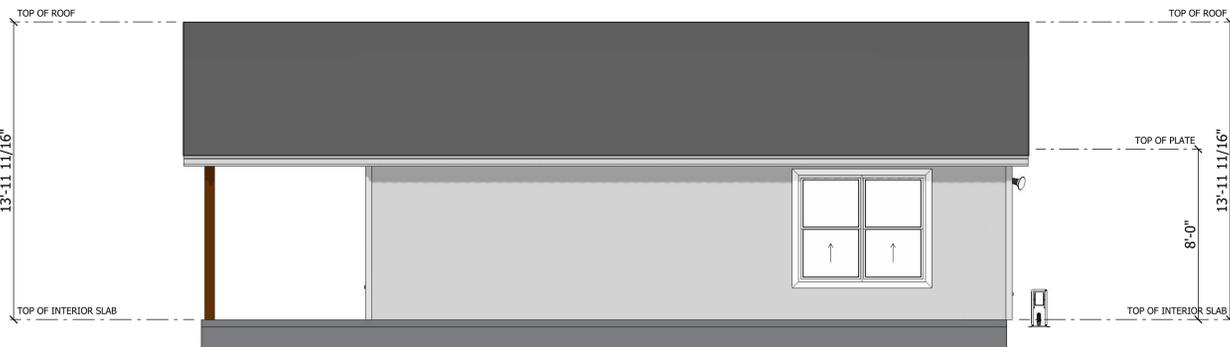
NOTE: ENGINEERING SCOPE IS LIMITED  
TO WIND LOAD CALCULATIONS &  
STRUCTURAL ELEMENTS AND COMPONENTS.



**FRONT ELEVATION**  
SCALE: 1/4" = 1'-0"



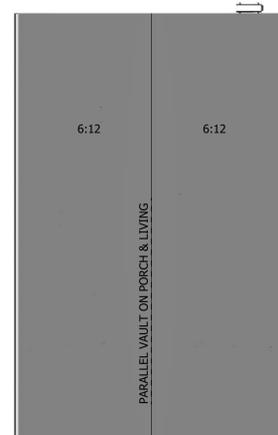
**REAR ELEVATION**  
SCALE: 1/4" = 1'-0"



**RIGHT ELEVATION**  
SCALE: 1/4" = 1'-0"

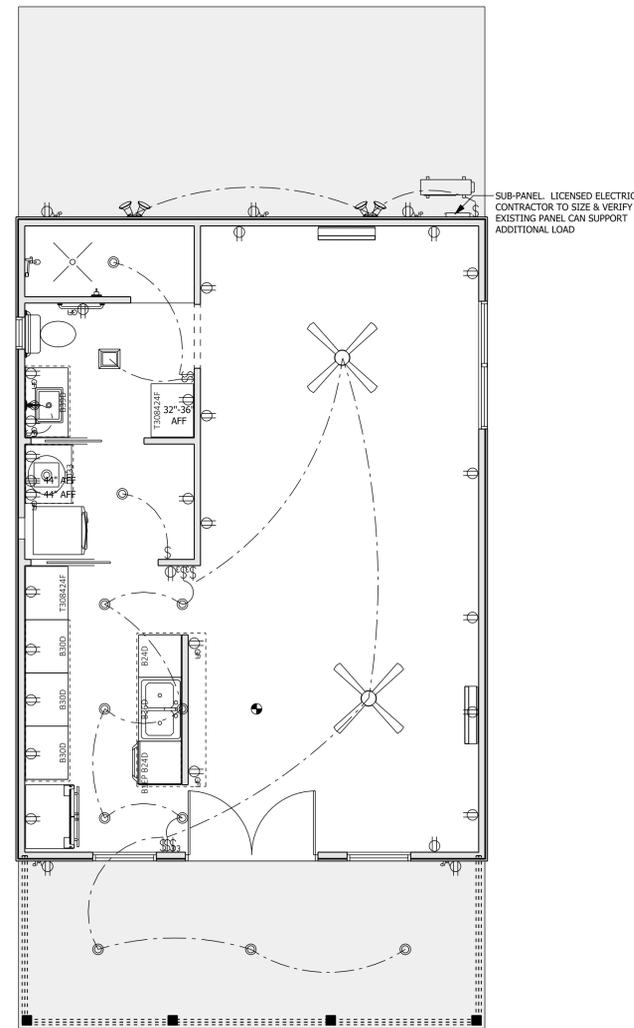


**LEFT ELEVATION**  
SCALE: 1/4" = 1'-0"



**TOP ELEVATION**  
SCALE: 1/8" = 1'-0"

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
6in led flush mount	11	○
ceiling fan globe 01	2	⊗
combination fan and light-square	1	⊞
electrical panel	1	⊞
outlet	23	⊞
outlet 220v	1	⊞
outlet gfi	6	⊞
outlet wp	5	⊞
smoke-CO detector	2	⊞
spotlight double with motion detector	2	⊞
switch	9	⊞
switch 3 way	4	⊞
wall mounted 03 1 light	1	⊞



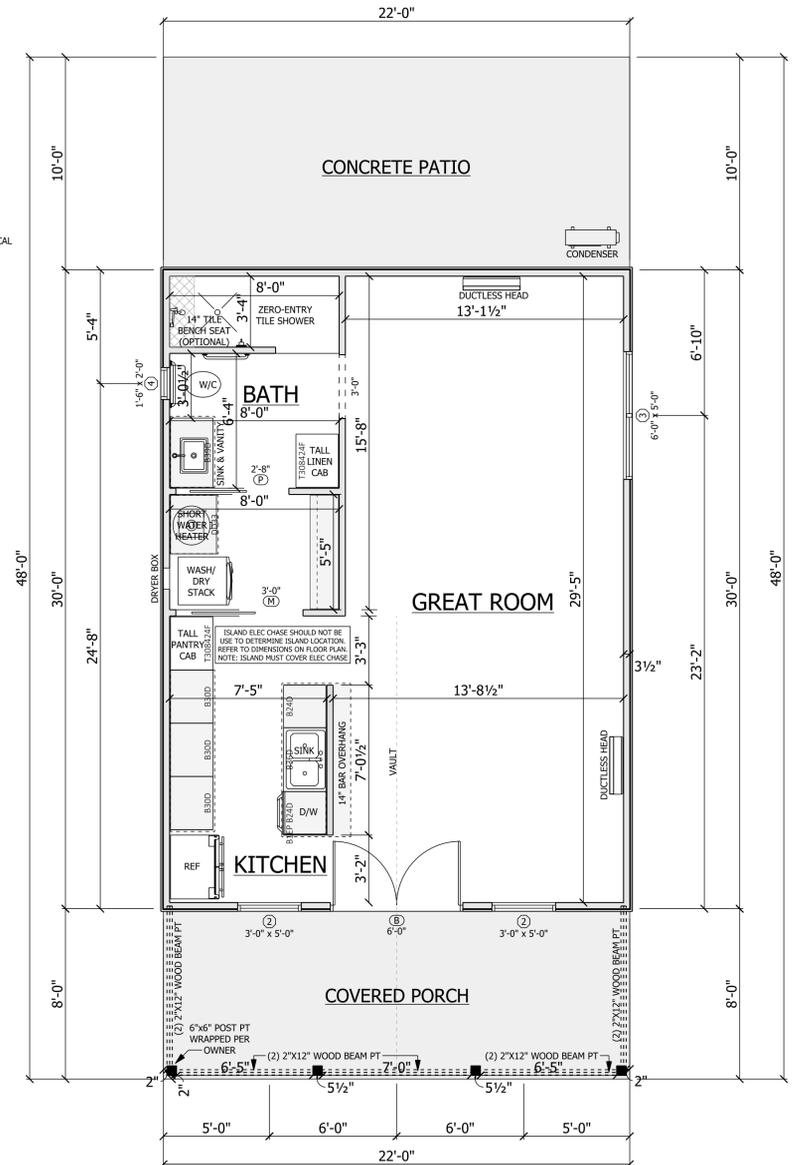
**ELECTRICAL LAYOUT**  
SCALE: 1/4" = 1'-0"

EXTERIOR DOOR SCHEDULE					
OPENING ID	PRODUCT CODE	SIZE	HINGE	COUNT	HEIGHT
B	72X80 COLONIAL 3-Q 2	6'-0"	LR	1	6'-8"

INTERIOR DOOR SCHEDULE					
OPENING ID	PRODUCT CODE	SIZE	HINGE	COUNT	HEIGHT
D	36X80 COLONIAL A 1	3'-0"	L	1	6'-8"
I	72X80 BIFOLD 1 PANEL 2	6'-0"	LR	1	6'-8"
M	36X80 1 PANEL POCKET 1	3'-0"	N	1	6'-8"
P	32X80 1 PANEL POCKET 1	2'-8"	N	1	6'-8"

WINDOW SCHEDULE					
OPENING ID	PRODUCT CODE	SIZE	COUNT	EGRESS	TOP OF OPENING
2	36X60 SINGLE HUNG 1	3'-0" x 5'-0"	2	No	6'-9 1/2"
3	72X60 SINGLE HUNG 2	6'-0" x 5'-0"	1	Yes	6'-9 1/2"
4	18X24 SINGLE HUNG 1	1'-6" x 2'-0"	1	No	6'-9 1/2"

CONDITIONED FLOOR AREA: 660 SF  
 PORCH AREA: 132 SF  
 TOTAL PROJECT AREA: 792 SF  
 CUBIC VOLUME OF CONDITIONED SPACE: 6,600 FT<sup>3</sup>  
 MECHANICAL VENTILATION IS REQUIRED IF BLOWER DOOR TEST MEASURES LESS THAN 3 ACH.

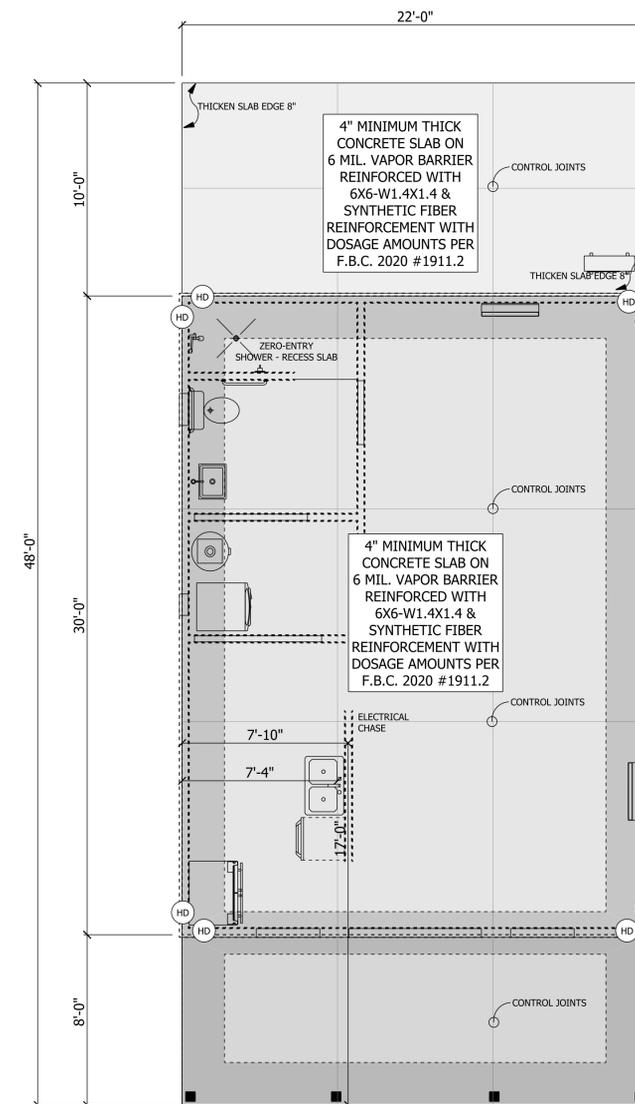
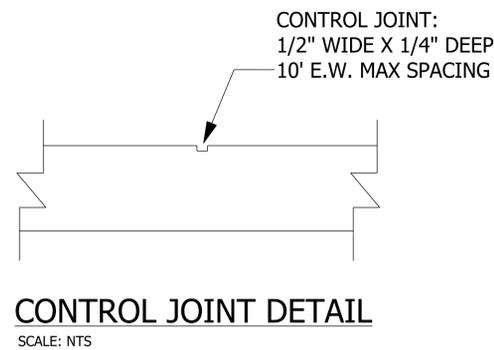


**FLOOR LAYOUT**  
SCALE: 1/4" = 1'-0"

**ELECTRICAL NOTES**

- WIRE ALL APPLIANCES, HVAC, UNITS AND OTHER EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS.
- CONSULT OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.
- INSTALLATION SHALL BE PER NATIONAL ELECTRICAL CODE.
- ALL SMOKE DETECTORS SHALL BE 120V WITH BATTERY BACKUP OF THE PHOTOELECTRIC TYPE AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- TELEPHONE, TELEVISION, AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE INSTALLED PER OWNER'S DIRECTION AND IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
- ELECTRICAL CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELECTRICAL PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE WITH ALL CIRCUITS IDENTIFIED WITH CIRCUIT NUMBER, DESCRIPTION, AND BREAKER SERVICE ENT. AND ALL UNDERGROUND WIRE LOCATIONS/ROUTING DEPTH. RISER DIAGRAM SHALL INCLUDE WIRE SIZES/TYPES AND EQUIPMENT TYPE WITH RATINGS LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF "AS-BUILT" DRAWINGS TO OWNER AND 1 COPY TO PERMITTING AUTHORITY.
- ALL BEDROOM RECEPTACLES SHALL BE ON AFCI PROTECTED CIRCUITS.
- ALL BATHROOM RECEPTACLES SHALL BE GFCI.
- BRANCH CIRCUITS THAT SUPPLY 120-VOLT, SINGLE-PHASE, 15- AND 20-AMPERE OUTLETS INSTALLED IN KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUN-ROOMS, REC ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS AND SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY AN APPROVED ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION METHOD.

<p>JANUARY SKY DESIGNS functional, efficient, beautiful home design Tel: 386.209.4435 januaryskydesigns@gmail.com</p>	<p>SECTION LETTER <b>A</b></p> <p>PAGE NUMBERS <b>11</b></p>	<p>Michael Davis 135 NW Winding Place Lake City Florida Columbia County PHONE: FAX:</p>	<p>DRAWN BY: J. JERNIGAN SCALE: As Noted DATE: Monday, September 29, 2025</p>	<p>PAGE: <b>1/3</b> Floor Layout</p>
		<p>DATE: Monday, September 29, 2025</p>		



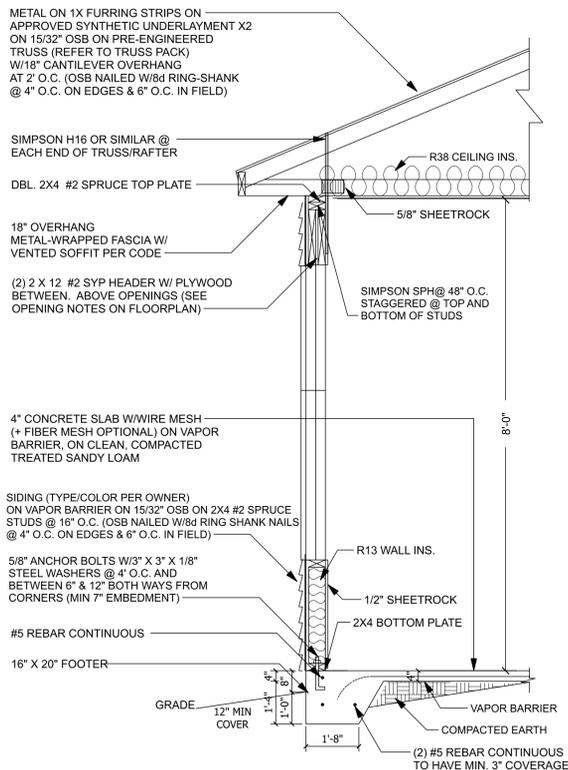
**FOUNDATION LAYOUT**  
SCALE: 1/4" = 1'-0"

**FOUNDATION NOTES**

- (1) HD = SIMPSON STRONG-TIE HD3B (SLAB) OR STHD (WOOD FLOOR SYSTEM)
- (2) CONTRACTOR SHALL VERIFY ALL FOUNDATION DIMENSIONS PRIOR TO CONSTRUCTION. IF A DIMENSION CONFLICT OCCURS BETWEEN THE FLOOR PLAN AND FOUNDATION PLAN, THE FLOOR PLAN SHALL CONTROL.
- (3) ADDED FILL SHALL BE APPLIED IN 8" LIFTS. EACH LIFT SHALL BE COMPACTED TO 95% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.
- (4) CONTROL JOINTS CUT 1/2" WIDE X 1/4" OF DEPTH. 10' EACH WAY MAX SPACING.
- (5) EMBED WIRE MESH IN SLAB 1/2 OF DEPTH.

SHEARWALL SCHEDULE			
SHEATHING TYPE & SIZE	NAILING PATTERN	HOLDOWN REQUIREMENTS	ANCHOR BOLT SPACING
1/2" PLYWOOD SHEATHING	8d NAILS @ 4" O.C. EDGES 8" O.C. FIELD	HD3B W/ 5/8" A.B. @ EACH END OF SHEAR	5/8" @ 48" O.C.

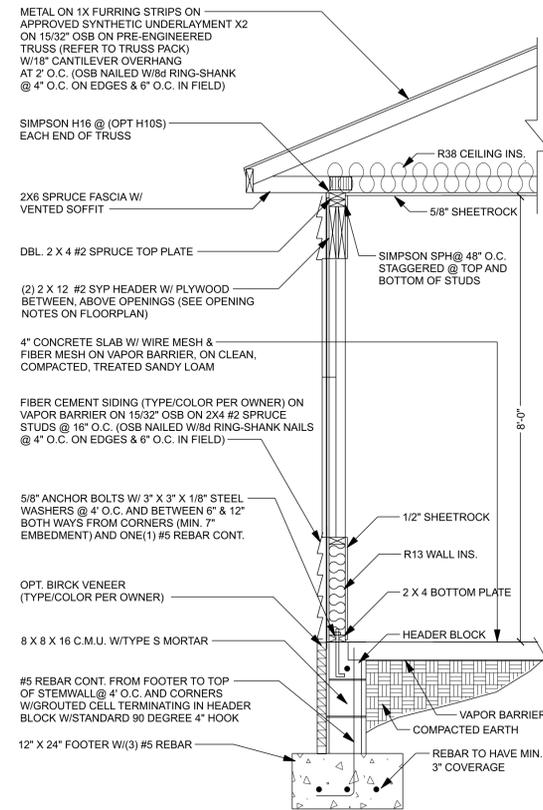
 GILL ENGINEERING SERVICES, INC. <small>AUTH #308291 GARY GILL, PE #51942 426 SW COMMERCE DR 130-M LAKE CITY, FL 32025 386-590-1242</small>	 JANUARY SKY DESIGNS <small>functional, efficient, beautiful home design</small> Tel: 386.209.4435 januaryskydesigns@gmail.com	 SECTION LETTER PAGE NUMBERS	Michael Davis <small>135 NW Winding Place Lake City Florida Columbia County</small>	PHONE: FAX:
			DRAWN BY: J. Jernigan SCALE: 1/4" = 1'-0" DATE: Monday, September 29, 2025	PAGE: <b>S1</b> FND



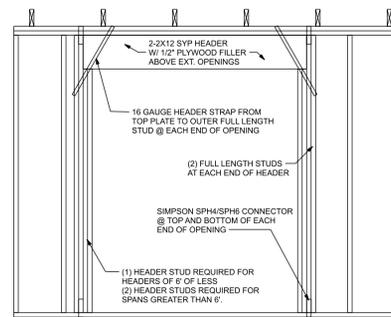
**TYPICAL SECTION**  
SCALE: NTS

**OPTIONAL STEM WALL TYPICAL SECTION**

SCALE: NTS

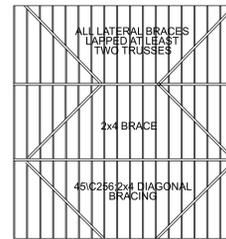


**TYPICAL FRAMING & UPLIFT CONNECTION FOR OPENINGS**



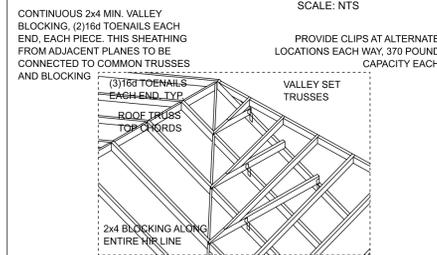
**TRUSS BOTTOM CHORD BRACING DIAGRAM**

SCALE: NTS



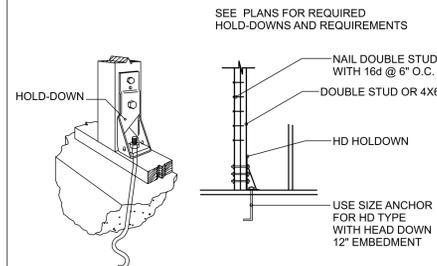
**VALLEY FRAMING DETAIL**

SCALE: NTS



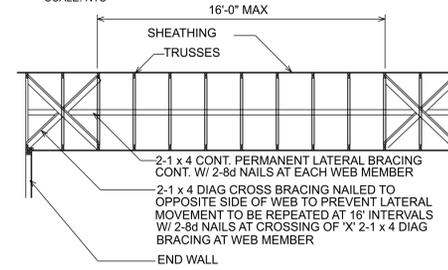
**SHEARWALL HOLD DOWN DETAIL**

SCALE: NTS

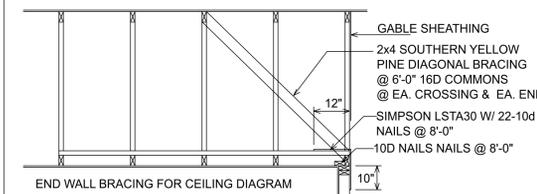


**TYPICAL TRUSS BRACING DIAGRAM**

SCALE: NTS

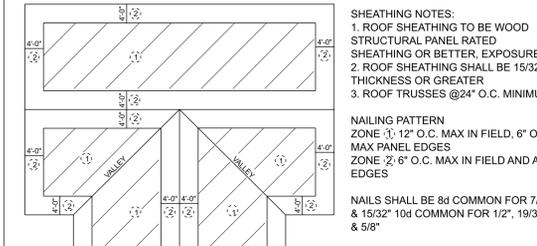


NOTE: ALL CONNECTIONS SHOULD BE MADE WITH A MINIMUM OF 2-16d NAILS  
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE.



**ROOF SHEATHING DIAGRAM**

SCALE: NTS



**SIMPSON CONNECTOR TABLE**

TYPE	UPLIFT CAPACITY (LBS)	LATERAL CAPACITY (LBS)	LOCATION
AC4/AC6	1,430	715 PAR/-	POST TO BEAM
H16	1,470	-/-	TRUSS TO BEAM/PLATE
HETA20	1,890	750 PAR/335 PERP	GABLE END CONNECTION
ABU44Z/ABU66Z	2,200	-/-	POST TO BEAM
SPH4/SPH6	1,240	-/-	PLATE TO STUD

**DESIGN LOADS**

- LIVE LOAD = 20 PSF
- DEAD LOAD = 10 PSF
- WIND LOADS  
BASIC WIND SPEED = 130 MPH (3 SEC GUST)  
IMPORTANCE (I) = 1.0  
WIND EXPOSURE = "B"  
INTERNAL PRESSURE = +/- 0.18
- CLADDING & COMPONENTS  
ZONE 1 21.3/-34.15 PSF  
ZONE 2 21.5/-59.45 PSF  
ZONE 3 21.5/-69.75 PSF  
ZONE 4 37.32/-40.48 PSF  
ZONE 5 37.32/49.96 PSF

I HEREBY CERTIFY THAT THESE PLANS COMPLY WITH THE 2023 FBC FOR A 130 MPH WIND LOAD (3-SEC INTERVAL).

GARY J. GILL, P.E. GA#30974  
386-590-1242

**GENERAL NOTES**

**SPECIFICATIONS**

DESIGN, MATERIAL, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING STANDARDS, UNLESS OTHERWISE MODIFIED ON THE DRAWINGS:  
ASCE 7 MINIMUM DESIGN LOAD FOR BUILDINGS & OTHER STRUCTURES.  
ACI 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE STRUCTURES.  
ACI 301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.  
CRSI RECOMMENDED PRACTICE FOR PLACING REINFORCING STEEL.  
ACI 530/ASCE 5/TMS 402 BUILDING CODE FOR MASONRY STRUCTURES.  
2023 FLORIDA BUILDING CODE (8TH EDITION)

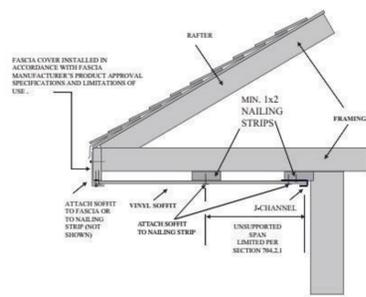
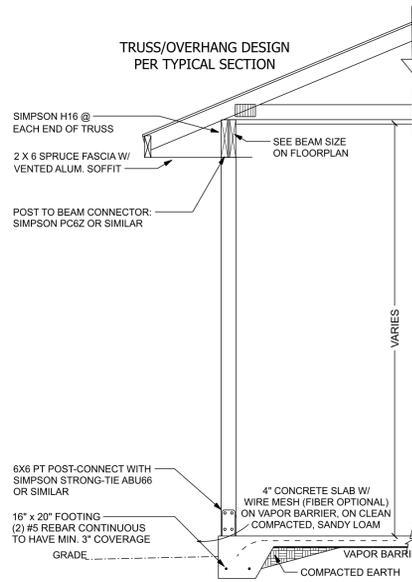
**BUILDING MATERIAL**

- ROOF  
-ROOF SHEATHING SHALL BE 15/32 APA RATED SHEATHING NAILED W/ 8d RING-SHANK NAILS SPACED 6" MAXIMUM AT SUPPORTED EDGES. SPACE NAILS MAXIMUM 12" ALONG INTERMEDIATE FRAMING MEMBERS. FASTENERS SHALL BE LOCATED 3/8" FROM PANEL EDGES. MINIMUM NAIL PENETRATION SHALL BE 1 3/8" TYP.  
-NAIL SPACING SHALL BE 4" O.C. WITH 8d RING-SHANK NAILS ALONG ROOFING MEMBER OVER GABLE END TRUSS.  
- PER APA, STRUCTURAL DIAPHRAGM CAPACITY = 240 pif (NOT INCLUDING 40% INCREASE PER FBC 2313.2.4.)
- TRUSSES  
- TRUSSES SHALL BE PRE-ENGINEERED ACCORDING TO DESIGN LOAD.  
- TRUSSES SHALL BE BRACED PER TRUSS PLATE INSTITUTE (TPI) HIB-91. SEE DRAWING S-2 FOR DETAILS.
- INTERIOR FINISHES  
- ALL GYPSUM BOARD SHALL HAVE A MINIMUM THICKNESS OF 5/8" FOR CEILING AND 1/2" FOR WALL.  
- GYPSUM BOARD ON WALL SHALL BE ATTACHED WITH 1 3/8" DRYWALL NAILS @ 8" O.C.  
- GYPSUM BOARD ON CEILING (FIRE RATED) SHALL BE ATTACHED 1 3/8" DRYWALL NAILS @ 7" O.C.
- MASONRY WALLS  
- ASSUMED MAXIMUM COMPRESSIVE STRENGTH = 1500 psi (GROUTED HOLLOW CONCRETE UNITS - GRADE N)  
- VERTICAL REINFORCING IN WALLS SHALL BE #5 RE-BAR SPACED 48" OC (TYP).  
- HORIZONTAL REINFORCING IN WALLS SHALL BE LADDER TYPE JOINT REINFORCING 9 GAUGE WIRE  
- THE REINFORCING SHALL BE A MINIMUM GRADE 40.  
- PROVIDE CLEANOUTS IN THE BOTTOM COURSE OF MASONRY FOR EACH GROUT POUR, WHEN THE GROUT POUR EXCEEDS 5 FT. CONSTRUCT CLEANOUTS ADJACENT TO EACH VERTICAL BAR.
- CONCRETE FOOTINGS AND SLABS  
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSF IN 28 DAYS.  
- REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 40. WELDED WIRE MESH SHALL CONFORM TO ASTM A185.  
- PROVIDE A MINIMUM COVER OF 3" FOR REINFORCING STEEL WHEN THE CONCRETE IS PLACED DIRECTLY AGAINST THE GROUND. CONCRETE EXPOSED TO EARTH OR WEATHER SHALL HAVE A MINIMUM COVER OF 1 1/2" INCHES.  
- WELDED WIRE FABRIC SHALL HAVE A MINIMUM YIELD STRENGTH OF 65,000 psi.  
- MINIMUM WWF FOR SLAB ON GRADE SHALL BE 6x6-W1.4x1.4  
- A VAPOR RETARDER CONSISTING OF 6 MIL MINIMUM POLYETHYLENE WITH JOINTS LAPPED 6 INCHES AND SEALED WITH 2" APPROVED TAPE OR MASTIC, OR OTHER APPROVED MATERIALS HAVING A MAXIMUM PERM RATING OF 0.5
- SOIL PREPARATION AND PROPERTIES  
- AREA UNDER FOOTINGS, FOUNDATIONS, AND CONCRETE SLABS SHALL HAVE ALL VEGETATION, STUMPS, ROOTS, AND FOREIGN MATTERS SHALL BE REMOVED TO THEIR CONSTRUCTION.  
- FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL  
- ALLOWABLE BEARING PRESSURE = 1500 psf
- WINDOWS  
- ONE WINDOW PER BEDROOM SHALL BE AN ESCAPE & RESCUE WINDOW THAT MEETS EGRESS REQUIREMENTS

**SCOPE**

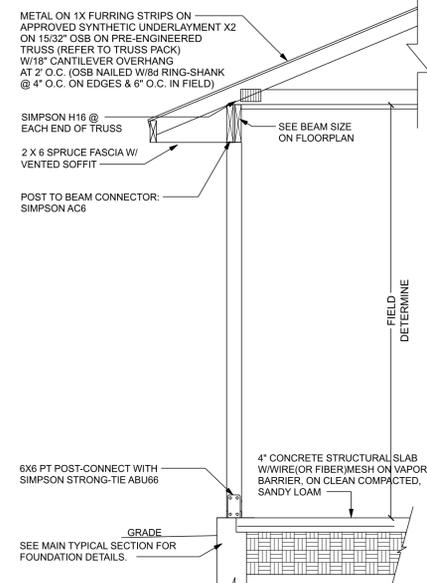
ALL MECHANICAL/HVAC SYSTEMS, COMPONENTS, AND DEVICES TO BE DESIGNED BY A CERTIFIED MECHANICAL CONTRACTOR. ALL INFORMATION ON MECHANICAL PLANS ARE CONCEPTUAL ONLY AND NOT INTENDED TO SERVE AS DESIGN DOCUMENTS. DESIGN OF ALL MECHANICAL SYSTEMS, COMPONENTS AND DEVICES ARE OUTSIDE OF ENGINEERING SCOPE OF WORK.  
ALL PLUMBING SYSTEMS COMPONENTS, AND DEVICES TO BE DESIGNED BY A CERTIFIED PLUMBING CONTRACTOR. ALL INFORMATION ON PLUMBING PLANS ARE CONCEPTUAL ONLY AND NOT INTENDED TO SERVE AS DESIGN DOCUMENTS. DESIGN OF ALL PLUMBING SYSTEMS, COMPONENTS AND DEVICES ARE OUTSIDE OF ENGINEERING SCOPE OF WORK.  
ALL ELECTRICAL SYSTEMS COMPONENTS, AND DEVICES TO BE DESIGNED BY A CERTIFIED ELECTRICAL CONTRACTOR. ALL INFORMATION ON ELECTRICAL PLANS ARE CONCEPTUAL ONLY AND NOT INTENDED TO SERVE AS DESIGN DOCUMENTS. DESIGN OF ALL ELECTRICAL SYSTEMS, COMPONENTS AND DEVICES ARE OUTSIDE OF ENGINEERING SCOPE OF WORK.

**MONOLITHIC POST CONNECTION DETAIL**



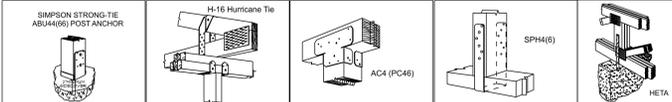
**OPTIONAL PORCH TYPICAL SECTION**

SCALE: NTS



**SIMPSON CONNECTORS**

NOTE: DETAILS ARE FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO PLAN FOR ACTUAL PROJECT DESIGN & SIZING.



GILL ENGINEERING SERVICES, INC.  
AUTH #30824  
GARY GILL, PE#51942  
426 SW COMMERCE DR 130-M  
LAKE CITY, FL 32025 386-590-1242



Januarieskydesigns@gmail.com  
Tel: 386.209.4435



**Michael Davis**  
135 NW Winding Place  
Lake City  
Florida  
Columbia County  
PHONE: FAX:  
DRAWN BY: J. Jernigan  
SCALE: 3/8" = 1'-0"  
DATE: Monday, September 29, 2025  
PAGE: S2  
DET