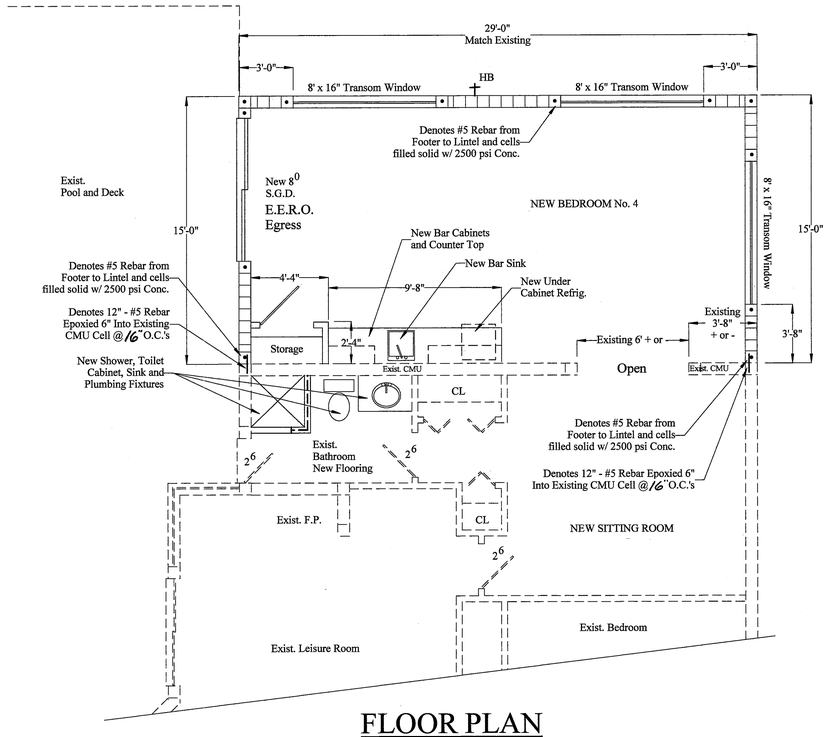


FLOOR PLAN

1/4" = 1'

GENERAL LUMBER NOTES:

All Lumber to be Southern Yellow Pine #2 with a Maximum Moisture content of 19%.
Exterior Lumber to be Pressure Treated. Studs may be Spruce #2 Grade.
Provide Vapor Barrier Between All Non-Pressure Treated Lumber and Concrete.
All Anchor Strapping Hardware to be Galvanized or Z-MAX when attached to Pressure Treated Lumber.

ALL WINDOWS TO MEET U-FACTOR (0.4) AND SHGC (0.25)

EGRESS REQUIREMENTS: E.E.R.O.

1. The minimum net clear opening for Emergency escape and Rescue grade - Floor openings shall be 5 S.F..
2. The minimum net clear opening height dimension shall be 24". The minimum net clear opening width dimension shall be 20". The net clear opening dimension shall be the result of normal operation of the opening.
3. Emergency escape and rescue openings shall have the bottom of the clear opening not greater than 44" measured from the floor.
4. Emergency escape and rescue openings shall be operational from the inside of the room without the use of keys or tools.

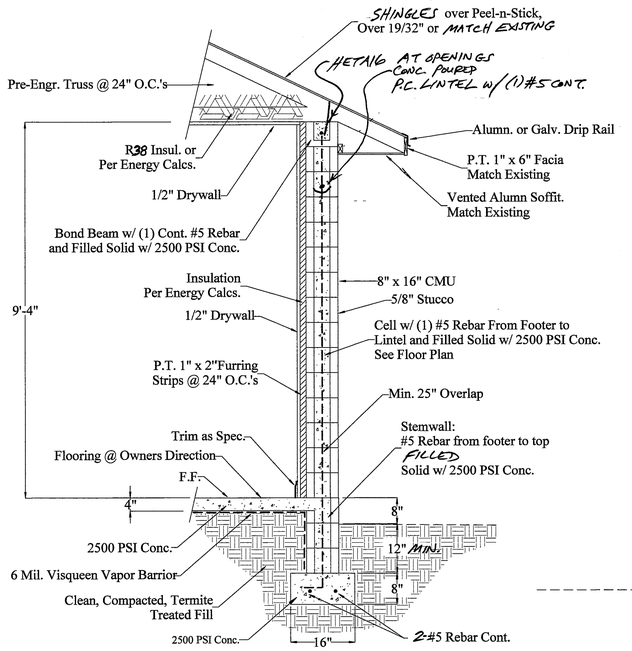
LIVE LOADS:
Attic without storage - 10psf
Attic with limited storage - 20 psf
Habitable attics and attics served with fixed stairs - 30 psf
Balconies and decks (exterior) - 40 psf
Gaurdrails and Handrails - 200 psf
Gaurdrail infill componants - 50 psf
Passenger Vehicle Garages - 50 psf
Rooms other than sleeping rooms - 40 psf
Sleeping rooms - 30 psf
Stairs - 40 psf

HVAC NOTES

ALL HVAC DETAILS INCLUDING DUCT SIZING AND LOCATIONS, AIR HAND. AND COMPRESSOR SIZE AND LOCATION, AND ENERGY CALCULATIONS BY INDEPENDENT HVAC CONTRACTOR.

WINDOW AND DOOR DESIGN PRESSURES

Window and Door Area	Design Pressure
Less Than 20 S.F.	-39.6 psf
Greater than 20 S.F.to 50 S.F.	-37.0 psf
Greater than 50 psf to 100 S.F.	-33.4 psf
Greater than 100 S.F. to 500 S.F.	- 30.8 psf



A TYPICAL WALL SECTION

N.T.S.

WATER PROOFING NOTE

NOTE: IT IS THE RESPONSIBILITY OF THE BUILDER TO COORDINATE THE INSTALLATION OF ALL WATERPROOFING METHODS NECESSARY TO PROVIDE A WATER TIGHT BUILDING ENVELOPE. REFER TO MFR. INSTALLATION RECOMMENDATION FOR ALL SELECTED WATERPROOFING MATERIALS, FLASHING, SEALERS AND AD-MIX COMPONENTS.

NOTES :

IF STEMWALL EXCEEDS 32", FILL ALL CELLS WITH GROUT AND APPLY (1) # 5 VERTICAL @ 4' O.C. MAX.

IF STEMWALL EXCEEDS 48", FILL ALL CELLS WITH GROUT AND APPLY (1) # 5 VERTICAL @ 24" O.C. MAX. & (1) # 5 HORIZ. @ 24" O.C. IN "U" BLOCK.

FOOTINGS HAVE BEEN DESIGNED FOR A SOIL BEARING PRESSURE OF 2000 P.S.F.

IF A DOWEL IS MISSED, APPLY W/ EPOXY (SIMPSON #ET) W/ 6" EMBEDMENT. DRILL 3/4" DIAMETER HOLES FOR # 5 DOWELS

GENERAL FOUNDATION NOTES

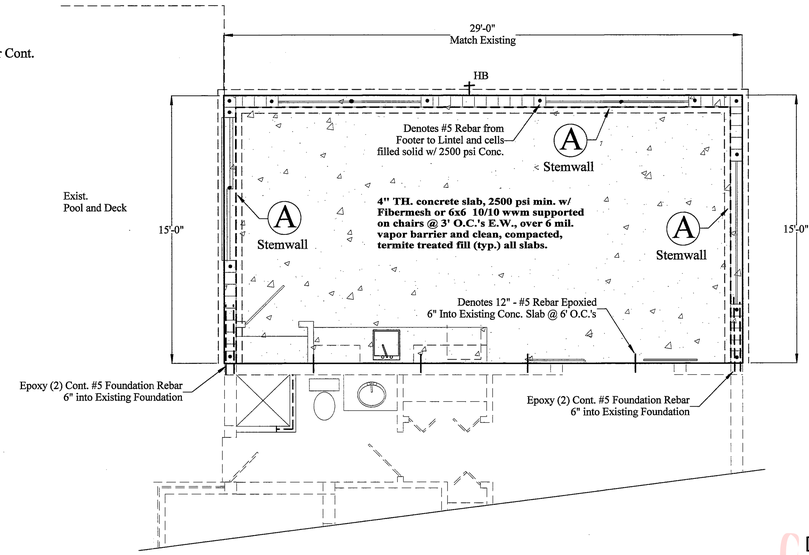
1. All concrete slabs shall have a compressive strength of not less than 2500 psi at 28 days. Slabs shall be reinforced with fibermesh on 6 mil. vapor barrier, over clean, compacted, termite treated fill.
2. Concrete footings shall have a compression strength of not less than 2500 psi at 28 days. Reinforce footings with #5 bars as indicated. All bars shall be deformed and shall conform to ASTM designation, A305, and be clean and free from rust and scale. Splices shall overlap at least 25" min.. All rebar to be Grade 40.
3. For concrete block walls, provide concrete filled cells with (1) #5 bar vertically cont. from footing to Tie Beam, at all corners, and where otherwise noted as per foundation plan.

Bottom of all footings within 5 ft. of Pool/Spa must be 12 inches Minimum below Bottom of Pool/Spa.

Builder/Contractor to verify all dimensions and elevations prior to construction & truss maunufacture.

Varify all slab heights w/ builder prior to construction.

Coordinate all footings w/ truss layout & framing plan.



FOUNDATION PLAN

1/4" = 1'

1. This item has been digitally signed and sealed by D.S. Chehal, P.E using a digital signature.
2. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

Digitally signed by Davinder S. Chehal
Date: 2024.05.28 08:11:00 -04'00'

NOTES :

1. VERIFY ALL HEIGHTS W/ BUILDER PRIOR TO CONSTRUCTION.
2. BUILDER / CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION & TRUSS MANUFACTURE
3. BUILDER / CONTRACTOR TO VERIFY ALL WINDOW / DOOR ROUGH OPENING SIZES W/ WINDOW / DOOR MANUFACTURER PRIOR TO CONSTRUCTION.

Note: This Structure has been designed to meet or exceed the wind load requirements of the 2023 Florida Building Code Residential, Eighth Edition, Section R301 Design Criteria and including ASCE 7-22.
1. Wind Speed = 139 mph Ultimate Wind Speed (vult) and 108 mph (vasd)
2. Risk Category 2
   Construction Type = Single Family Residence (V)
3. Wind Exposure = Category "C"
4. Internal Pressure Coefficient for enclosed building is .18 and Height and and Exposure adjustment Coefficient is 1.40

BUILDER/CONTRACTOR TO VERIFY ALL ELEVATION HEIGHTS, TRUSS HEIGHTS, SLAB HEIGHTS, SOFFIT OVERHANG WIDTHS, INTERIOR WALL BEARING HEIGHTS, WINDOW AND DOOR ROUGH OPENING SIZES AND WINDOW AND DOOR MANUFACTURER SPECS. AS TO INSTALLATION REQUIREMENTS, BEFORE CONSTRUCTION COMMENCES.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL PLANS, DETAILS AND TRUSS ENGINEERING PACKAGES (AS COMPLETED BY OTHERS) AGAINST THE FOUNDATION, FLOOR PLAN AND ELEVATIONS, AND REPORT TO THE E.OF R., DESIGNER/DRAFTSMAN AND TRUSS ENGINEERING COMPANY AS TO ANY DESCRERPENCIES FOUND, BEFORE TRUSS MANUFACTURING

CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND PROPOSED DIMENSIONS, IF IT IS DETERMINED ACTUAL CONDITIONS VARY FROM WHAT IS SHOWN ON THESE PLANS, CONTRACTOR IS TO NOTIFY E.O.R. FOR FURTHER REVIEW. IT IS THE CONTRACTORS RESPONSIBILITY TO COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS

DUE TO SHRINKAGE AND EXPANSION OF PRINTED PLAN COPIES, WRITTEN DIMENSIONS TAKE PRECEDANCE OVER SCALING.

ALTHOUGH GREAT CARE HAS BEEN TAKEN TO INSURE ACCURACY, MISTAKES CAN OCCUR. IT IS THE BUILDER AND CONTRACTORS, RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND DETAILS, REPORT ANY DISCREPENCIES TO E. OF R. AND DESIGNER/DRAFTSMAN, BEFORE BEGINNING CONSTRUCTION.

By	Date	Revision

Greg Wilson, Design Drafting
466 Weathersfield Avenue
Altamonte Springs, Florida 32714
PH: 407-252-9037
rhwengr @ hotmail.com

Drawn:	GWW	Date:	03-20-2024
		Scale:	Noted

Bedroom Addition

Property Address: 2158 Candleridge Court, Oviedo, Fla. 32765

Title of Page: Floor and Foundation

D.S. "Vinder" Chehal
Lisensed Professional Engineer
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Signature: