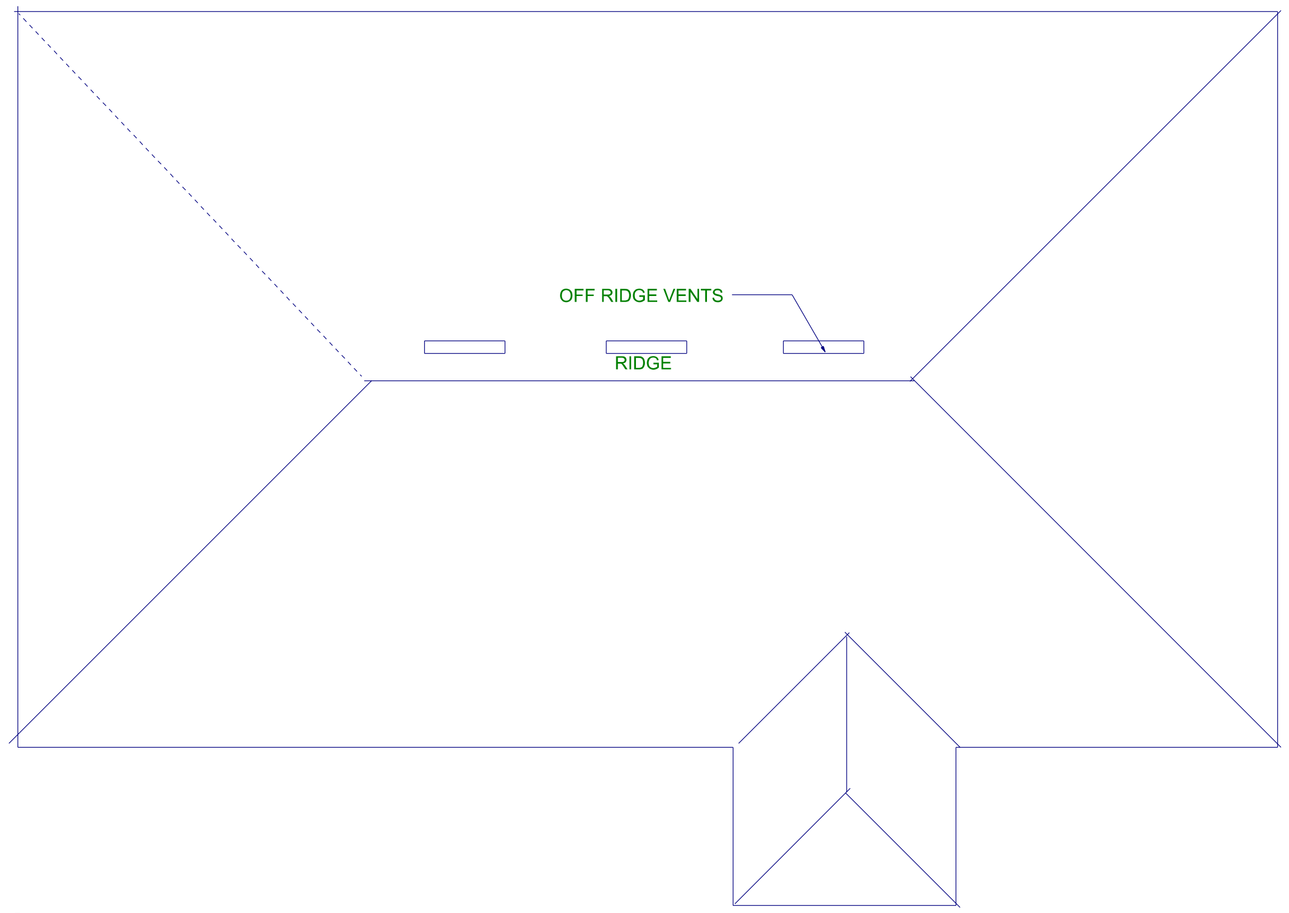


ROOF PLAN

VENTILATION

SQ.FT. OF NEW CEILING 1170/ 300 = 3.9 SQ.FT
NET FREE AREA / 2 = 2.0 SQ.FT. VENT SYSTEM REQUIRED
EQUALS 288 SQ. IN.

3 OFF RIDGE VENTS = 330 SQ IN.
TOTAL TO BE INSTALLED 330 SQ.IN.

SOFIT VENT SYSTEM 2.0 SQ.FT.
DIVIDED BY 0.03226 S.F. PER SQ.FT.
OF SOFIT
EQUALS S.F. OF SOFIT PANEL PER SYSTEM 62 SQ.FT.
DIVIDED BY 1.5 = 42 L.F. OF VENTED SOFIT
BUILDING HAS 120+ OF SOFIT AVALIABLE

1. THIS RESIDENCE SHALL BE CONSTRUCTED IN ACCORD WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2017 6TH EDITION
2. ALL CEILING SHEETROCK SHALL BE MIN 5/8"
3- ALL AREAS EXCEPT WHERE GFI RECEPTICALS ARE REQUIRED RECEPTICALS SHALL BE ARC FAULT
4- ELECTRICAL DESIGN BY ELECTRICAL CONTRACTOR.
5- CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO BEGINNING.
6- SMOKE DETECTORS SHALL BE WIRED TO ALARM SIMUTANIOUS WITH BATTERY BACKUP.

DESIGN CRITERIA
ULTIMATE WIND SPEED: 130
NOMINAL WIND SPEED: 101
WIND EXPOSURE CATEGORY: B
RISK CATEGORY 11
INTERIOR PRESSURE COEFFICIENT OR Gcpi= +/- 0.18
ASSUMED DESIGN LOAD BEARING VALUE OF SOIL 1,500 PSF
FLOOR LIVE LOAD 40 PSF
ROOF LIVE LOAD 20 PSF

SQUARE FOOTAGE	
LIVING AREA	1140
ENTRY	30
TOTAL	1,170

Electrical symbols
single pole switch
dimmer switch
3 way switch
110 arc outlet tamper resistant
220 OUTLET
GFI outlet
switched outlet
std overhead light
recessed light
light / exhaust fan 80 cfm
wall mount light fixture
std overhead light
double flood light
track bar light
vanity bar light
floresent light
ceiling fan -light
smoke/ carbon monoxide detector
phone outlet
tv outlet
THERMOSTAT

NAME: Sorto **MODEL:** Custom Pasco

KITCHEN CABINETS & VANITIES:
(STANDARD 36")
Brunswick 1 – Drift 42' uppers

TOILETS: White
Master Bath: yes
Hall Bath: yes

KITCHEN & BATH COUNTERTOPS:
Granite Color: # one
Master Bath Color: # one

Master Shower
Wall Tile Color: Acrylic w/seat
Floor laminate color: restorations coretec

Master Tub
White – no jacuzzi

Hall Tub
Acrylic tub - white

Hall Bath
Floor laminate color: restorations cortec

Flooring:
Restoration entire house Cortec

PAINT:
Interior Walls: HGSW 1457 Icicle Sherwin Williams
Interior Trim: Bright White

EXTERIOR DOORS:
Front Door Color: White Asper elevation
Door Type: Rear laundry 4 pannel STD white
Rear Door: French w/blinds white
French Doors: yes, rear dining room w/blinds

INTERIOR DOORS: (standard choices) & Hardware (standard choices)
Caiman Smooth
Hardware: Balboa lever: Satin nickle

Appliances:
Colors: white
Customer to take credit: NO

Roof IKO Shingles:
Color: Dual Grey IKO
Soffit: Charcoal

TRIM:
5 ¼ base boards

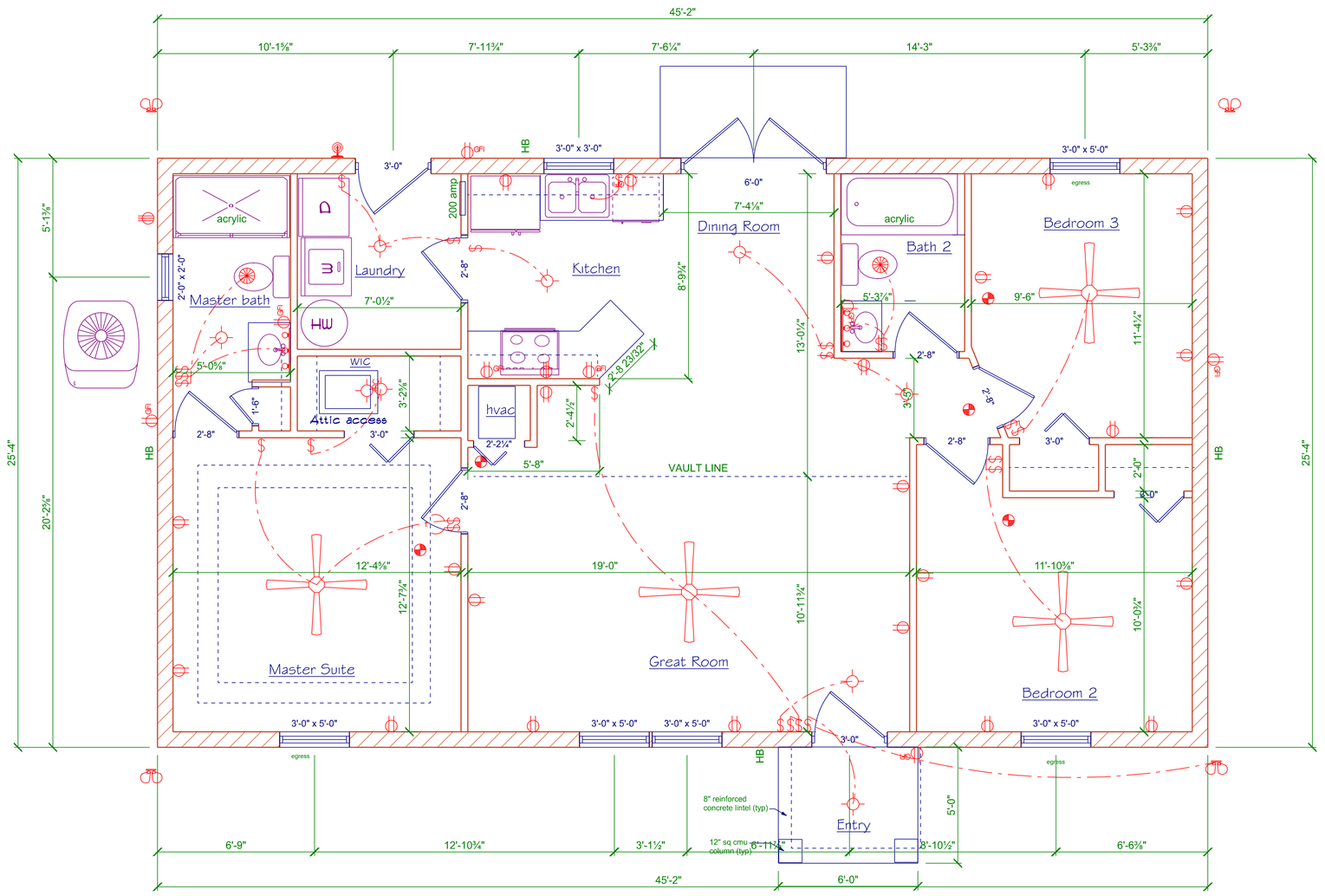
Windows: Standard White
Bath window: obscure (master)

Exterior: Dryvit
Main House Color: #132 Mountain Fog
Trim Color: 101 #Super white

**** Any changes after final plans are printed are $250 to cover additional costs.**

$3500 Septic
$1900 City water hookup

Additional Notes to Dan Harrington:
Owner to supply lighting and fans
Note w/acrylic shower w/seat master
Acrylic tub 2nd bath white



FLOOR PLAN VIEW

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2905 NW 104th Ct
Gainesville, Fl 32606
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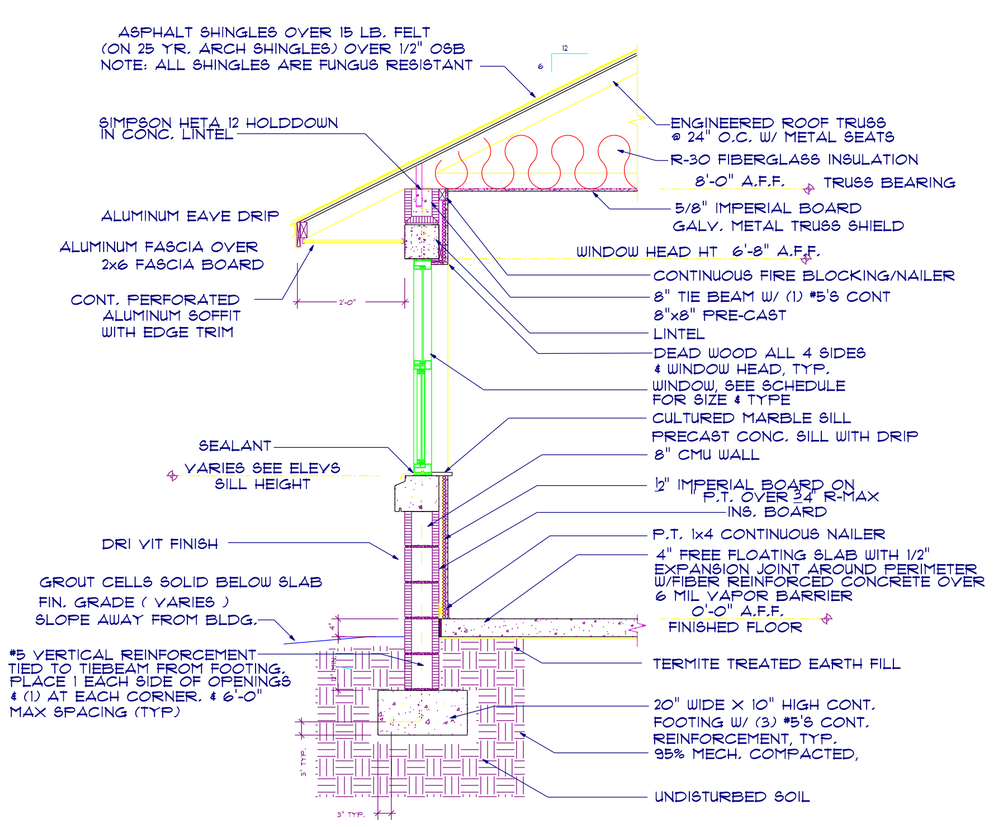
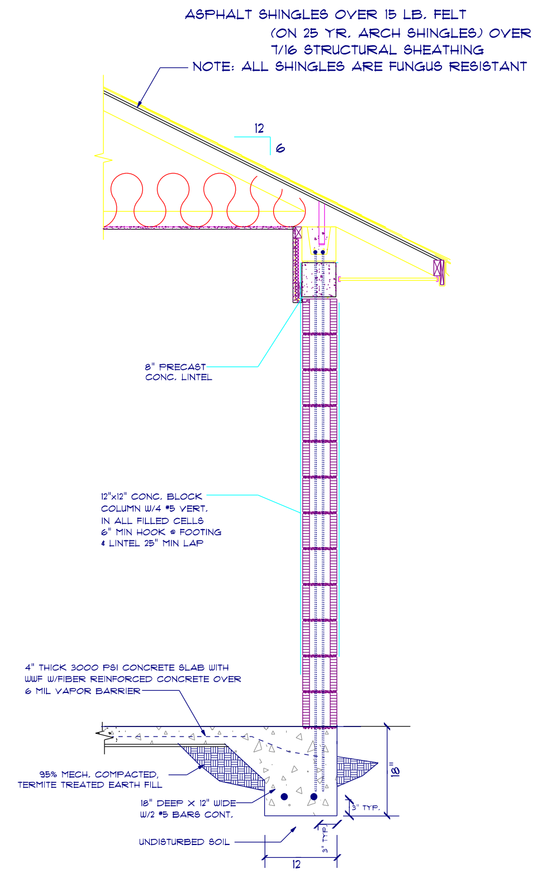
6-29-21

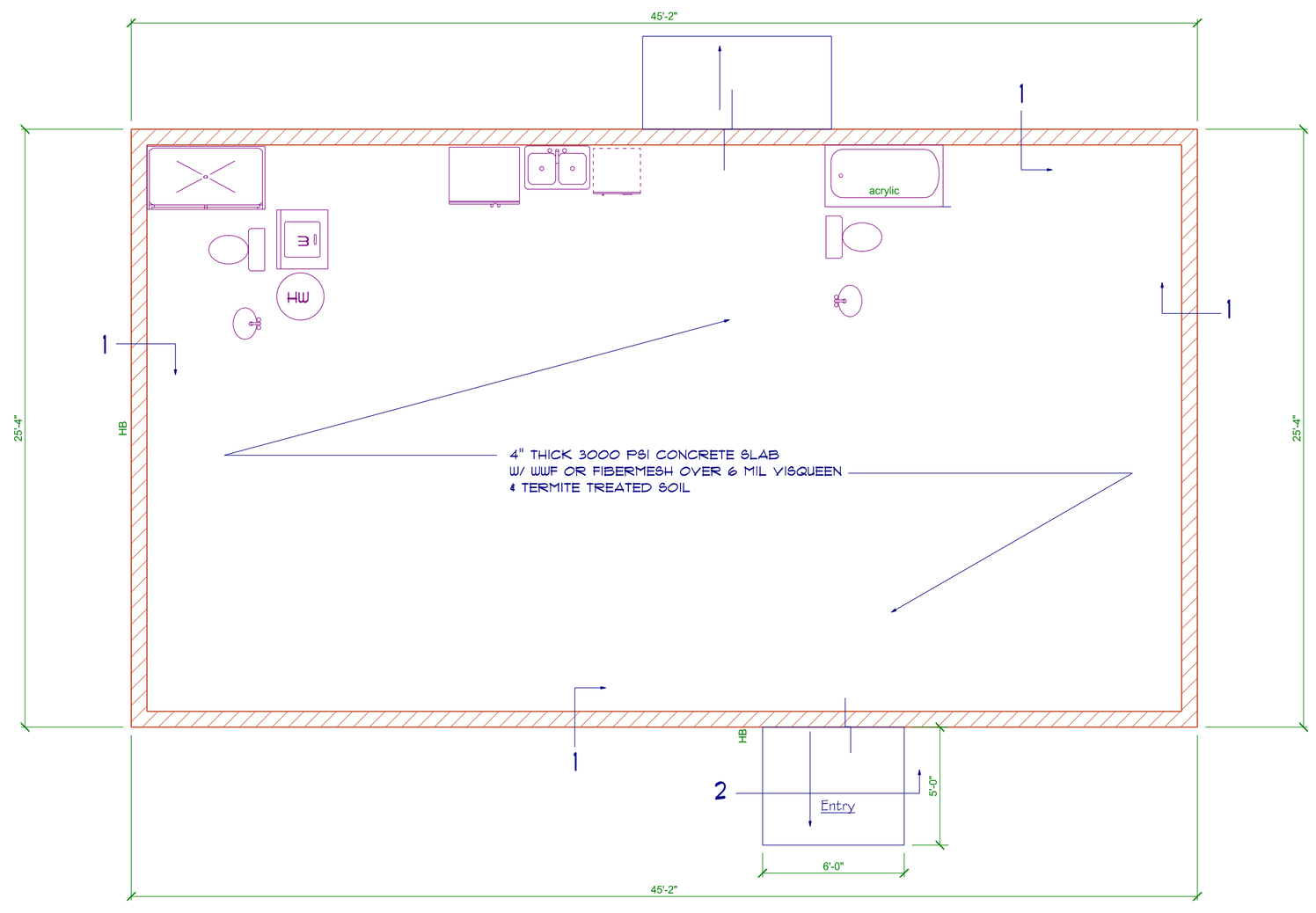
sheet 1



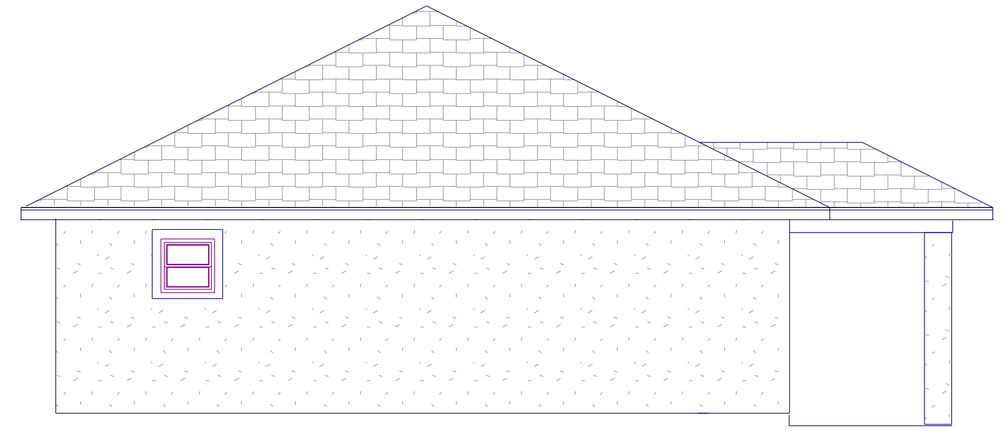
WALL SECTION 1



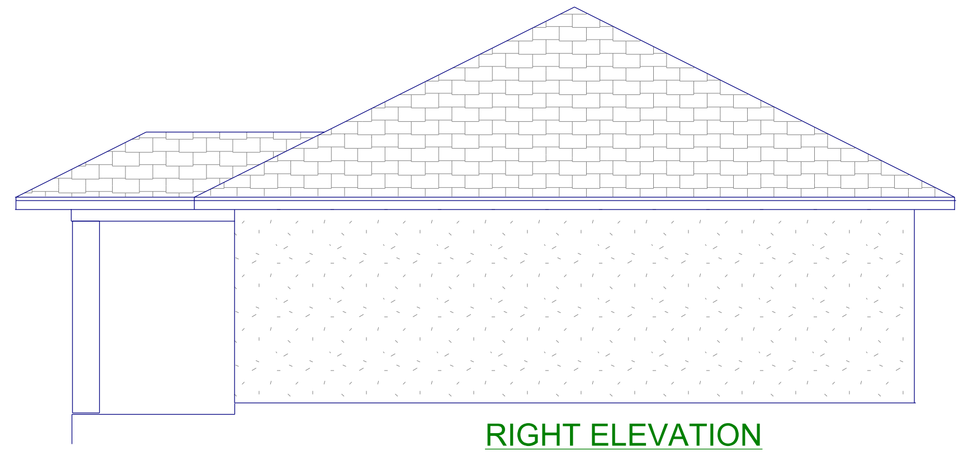
SECTION 2



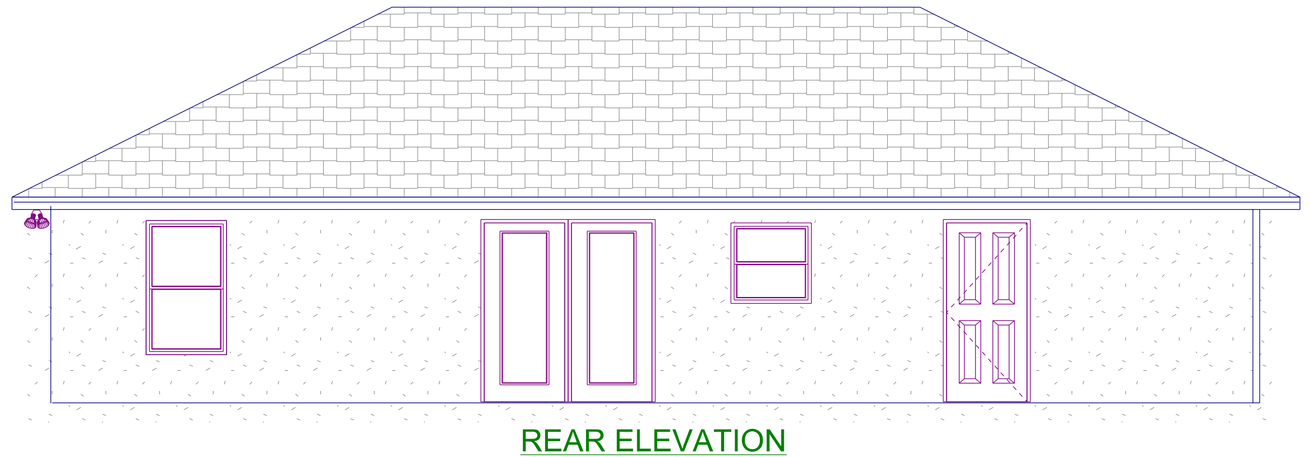
FOUNDATION PLAN VIEW



LEFT ELEVATION



RIGHT ELEVATION



REAR ELEVATION

FRONT ELEVATION

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sheet 2

PROFESSIONAL SERVICES BY
DRISCOLL ENGINEERING,INC.
PO BOX 357577,
GAINESVILLE, FL 32609
PH (352)-331-1513
CA 8690

PLANS AND SPECIFICATIONS

The plans and specifications presented herein are applicable only for the anticipated construction at the locations shown. If construction plans change, the Design Professional should be notified so the plans and specifications can be re-evaluated. The Design Professional should be given the opportunity to review final plans and specifications to see if the intent of the plans and specifications has been followed and/or if supplemental details and recommendations are needed. The Design Professional warrants that the plans and specifications contained herein, have been prepared in accordance with generally accepted professional engineering practice. No other warranties are implied or expressed.

CORPORATE PROTECTION

It is understood and agreed that the Design Professional's Basic Services under this Agreement do not include project observation or review of the Contractor's performance or any other construction phase services, and that such services will be provided by the Client. The Client assumes all responsibility for interpretation of the contractor Documents and for construction observation and supervision and waives any claims against the Design Professional that may be in any way connected thereto.

In addition, the Client agrees, to the fullest extent permitted by law, to indemnify and hold the Design Professional harmless from any loss, claim or cost, including reasonable attorney's fees and costs of defense, arising or resulting from the performance of such services by other person or entities and from any and all claims arising from modifications, clarifications, interpretations, adjustments or changes made to Contract Documents to reflect changed field or other conditions, except for claims arising from the sole negligence or willful misconduct to the Design Professional.

OWNERSHIP OF INSTRUMENTS OF SERVICE

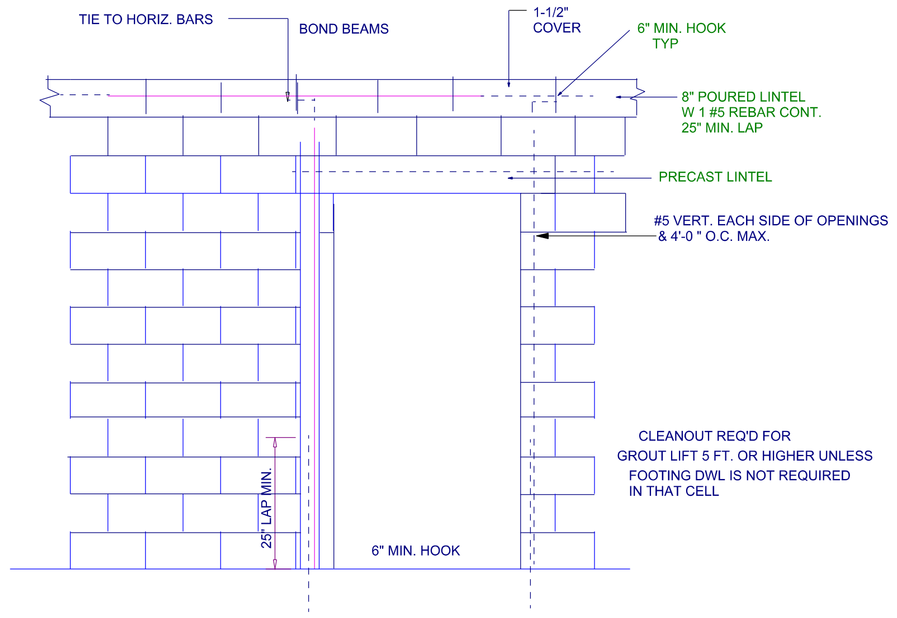
All reports, plans, specifications, computer files, field data, notes and other documents and instruments prepared by the Design Professional as instruments of service shall remain the property of the Design Professional. The Design Professional shall retain all common law, statutory and other reserved rights, including the copyright thereto.

DEFECTS IN SERVICE

The Client shall promptly report to the Design Professional any defects or suspected defects in the Design Professional's work or services of which the Client becomes aware, so that the Design Professional may take measures to minimize the consequences of such a defect. The Client warrants that he or she will impose a similar notification requirement on all contractors in his or her Client/Contractor contract and shall require all subcontractors at any level to contain a like requirement. Failure by the Client, and the Client's contractors or subcontractors to notify the Design Professional, shall relieve the Design Professional of the costs of remedying the defects above the sum such remedy would have cost had prompt notification been given.

VERIFICATION OF EXISTING CONDITIONS

Inasmuch as the remodeling and/or rehabilitation of an existing building requires that certain assumptions be made regarding existing conditions, and because some of these assumptions may not be verifiable without expending additional sums of money or destroying otherwise adequate or serviceable portions of the building, the Client agrees, to the fullest extent permitted by law, to indemnify and hold the Design Professional harmless from any claim, liability or cost (including reasonable attorney's fees and costs of defense) for injury or economic loss arising or allegedly arising out of the professional services provided under this Agreement, excepting only those damages, liabilities, or costs attributable to the sole negligence or willful misconduct of the Design Professional.



CMU WALL OPENING REINFORCING
NTS

Certification

I hereby certify that the accompanying wind load analysis for the New Residence as described above
demonstrates compliance with the FBC 2020 7th Edition Section 1609, to the best of my knowledge.

Project Wind load Information

1. Ultimate wind speed = 130 MPH
2. Nominal wind speed = 101 MPH
3. Risk Category = II
4. Wind exposure for this design is Exposure B
5. Interior Pressure Coefficient or Gcpi = +/- 0.18
6. For design of MWFRS: see attached MECAWind Version 2.1.0.6 per ASCE 7-10
7. Roof Design live load 20 psf.
8. Floor Design load 40 psf.

Drawings

See drawings for additional details. In case of conflict, the more restrictive requirements of the drawings or these calculations govern.

Roof Structure

1. Trusses: Pre-engineered wood trusses at 24" o.c. The Truss engineering for this project was provided bt Builders FirstSource job# 2809728 Signed & Sealed by Joaquin Velez P.E. # 68182 Dated: June 1, 2021.

2. Roof Sheathing: Sheathing to be or 7/16" Structural Sheathing min. to adequately resist exterior shear and uplift forces due to nailing. Panels to be facenailed w/ #8 ring shank (0.113 Dia.) @ 4" oc along edges and @ 8" oc along interior supports. Galv. metal edging to be nailed @ 4" oc.

3. Roofing : Asphalt Shingles shall be installed per mfg. specifications to meet 130 m.p.h. windloading & in accord with the Florida Building Code 2020.

Exterior Walls

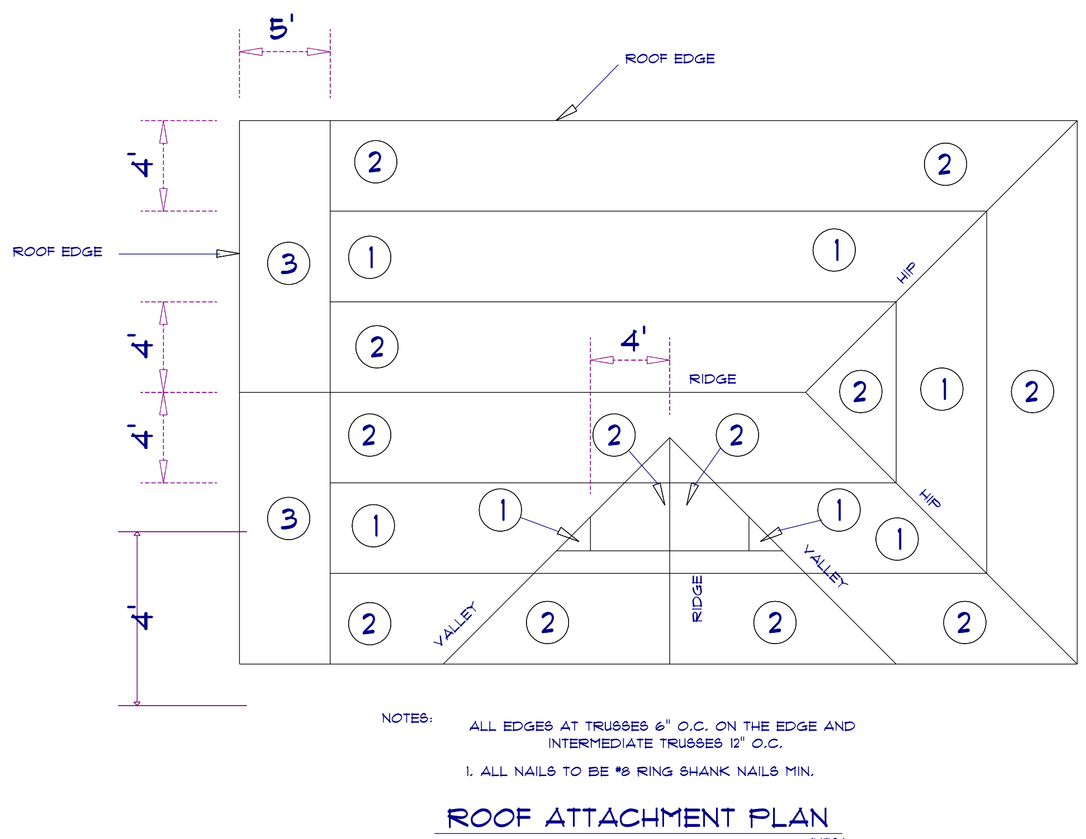
1.Exterior Wall: 8" Concrete Masonry Units (ASTM C90 or C145, 1500 psi min) will adequately resist exterior shear forces. Mortar type M.

2. Bond Beam to be (1) 8" min. Masonry with (1) #5 reinforcement with grout continuous. Note bond beam to remain continuous without breaks or interruptions to maintain shear transfer capacity. Minimum splice lap of #5 rebar is 25" at all locations. Install plated steel bearing plate at truss/masonry bearing points. Vertical spacing of grouted reinforced cells w/ (1) #5 rebar is to be 4'-0" o.c. typical. Install a minimum of 1 each vertical #5 bar in each cell on either side of each corner and on each side of any openings. Minimum splice lap of #5 rebar is 25".

Foundations (sizes based on wind load requirements only :

Footing (1) 20" wide x 10" deep w/ 2 #5 bars cont. 25"min bar lap.

Footing (2) 18" deep x 12" wide w/ 2 #5 bars cont.



NOTES: ALL EDGES AT TRUSSES 6" O.C. ON THE EDGE AND INTERMEDIATE TRUSSES 12" O.C.
1. ALL NAILS TO BE #8 RING SHANK NAILS MIN.

ROOF ATTACHMENT PLAN
(NTS)

CONNECTOR SCHEDULE FOR LOAD BEARING & SHEAR WALLS

TO CONNECT	TO	NO.	PRODUCT CODE	FASTENER	UPLIFT CAPACITY LBS
TRUSS	LINTEL	1	HETA 20	9- 10dX 1-1/2"	1810
GIRDER TRUSS	LINTEL	1	HETA 20	9- 10dX 1-1/2"	1810

CAST CRETE LINTEL SCHEDULE	
LENGTH	TYPE
3-0" TO 7'-0"	8F80B
7'-0" TO 10'-0"	8F81B
CARPORT	8F161B

SHEAR WALLS QUANTITY

TRANSVERSAL SHEARWALLS = 47'-0"

LONGITUDINAL SHEARWALLS = 63'-0"

Digitally signed by Michael E. Driscoll PE
Date: 2021.06.29 16:09:14 -04'00'

DRISCOLL ENGINEERING,INC.
CONSULTING ENGINEERS
CA 8690
PH (352) 331-1513
FX (352) 505-3366
PO BOX 357577
GAINESVILLE, FL 32606

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sheet WL 1

MICHAEL E DRISCOLL PE
FL REG # 43922