

12501 US Hwy 441 Alachua, FL 32615 Office: 386-462-5323 Fax: 888-769-0105
HOUSE CRAFT HOMES, LLC
CCGC 151698

NAME: Martinez MODEL: Rose

Kitchen Cabinets Uppers (Vip 42")
Other: Florence Alpine 42" uppers
Kitchen Countertops
Granite Color: # one
Master Bath Vanity (Vip 36")
Other: Florence Alpine 36"
Master Bath Countertops
Granite Color: # one
Master Toilet
Other: Florence Alpine 36"
Master Shower
Acrylic shower with seat & soap dishes
Bath 2 Vanity (Vip 36")
Other: Florence Alpine White 36"
Bath 2 Countertops
Granite Color: # one
Bath 2 Tub
Acrylic Tub: White
Allowance \$3.50 per sq. foot includes
Paint One Color Throughout: Interior White Interior Off-White
Interior Walls: in our stars HGSW 4022 semi-gloss
Interior Trim: white semi-gloss
Flooring
Carpet (one color throughout) or Laminate or Tile
Master Bedroom: Galveston Oak throughout entire house
Interior Doors (standard choices) & Hardware (standard choices)
Cararra 2 panel square top
Hardware: Balboa (lever) Satin Nickel
Exterior Doors
Cararra 2 panel square top
Hardware: Balboa (lever) Satin Nickel
Windows Standard white (colonial grills in front only)
Appliances (Standard GE or equivalent)
Colors: White
Allowance \$850.00 includes d/w, range, hood fan
Customer to take credit: Yes No
Exterior: Drivelt
Main House Color: Overcast 6138
Trim Color: China white
Roof IRO Shingles
Color: Dual Black
Soffit: White

**Any changes after final plans are printed are \$250 to cover additional costs
Allowances in Contrast:
\$10,000 well & septic allowance



1. THIS RESIDENCE SHALL BE CONSTRUCTED IN ACCORD WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2020 7TH EDITION
2. ALL CEILING SHEETROCK SHALL BE MIN 5/8"
- 3- ALL AREAS EXCEPT WHERE GFI RECEPTALS ARE REQUIRED RECEPTALS 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 SIMULTANIOUS 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

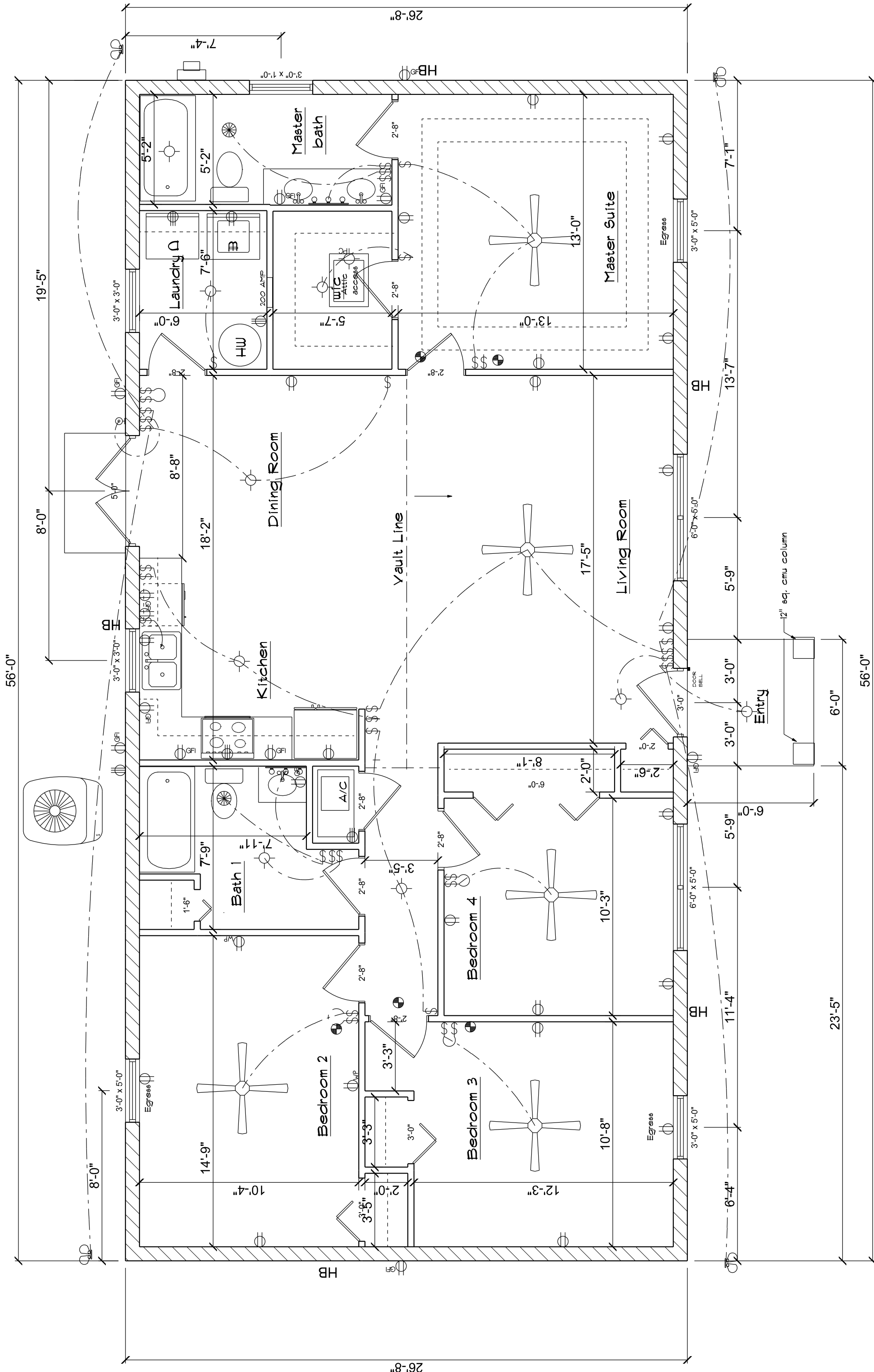
SQUARE FOOTAGE	
LIVING AREA	1493
ENTRY	36
TOTAL	1,529

MARTINEZ
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LAKE CITY, FL DS22-63

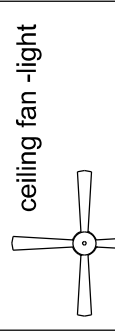
HOUSE
LOCATION

DATE: 7-1-22

sheet
1



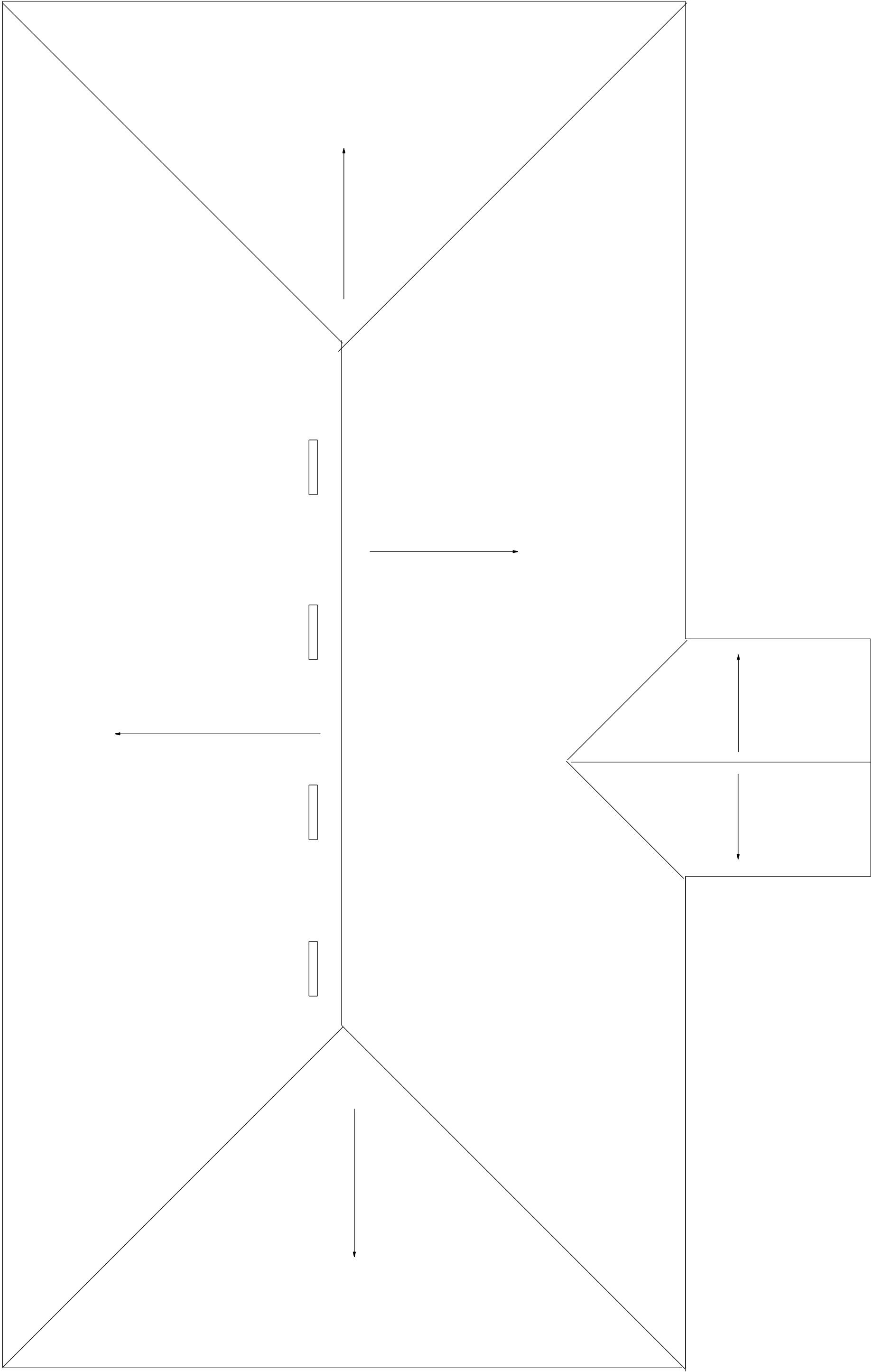
Electrical symbols	
⌚	single pole switch
⌚	dimmer switch
⌚	3 way switch
⌚	110 arc fault tamper resistant
⌚	220 OUTLET
⌚	GFI outlet
⌚	switched outlet
⌚	sid overhead light
⌚	recessed light
⌚	light / exhaust fan 50 cfm
⌚	wall mount light fixture
⌚	sid overhead light
⌚	double flood light
⌚	track bar light
⌚	vanity bar light
⌚	fluorescent light



⌚	smoke/ carbon monoxide detector
⌚	phone outlet
⌚	tv outlet
⌚	THERMOSTAT

UNDERGROUND POWER

TRANSVERSAL SHEARWALLS = 48'-0"
LONGITUDINAL SHEARWALLS = 78'-0"
SHEAR WALLS QUANTITY

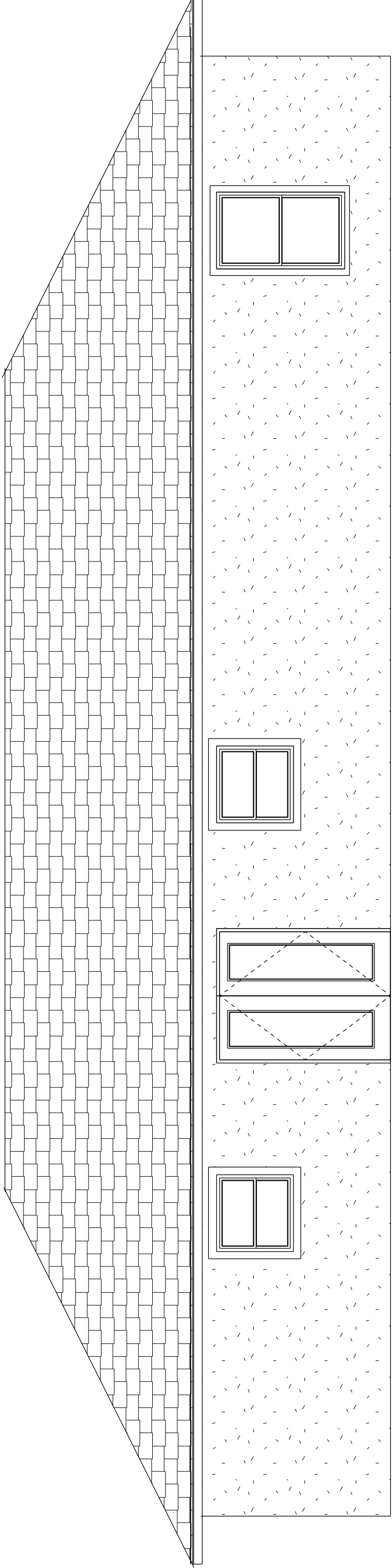


ROOF PLAN

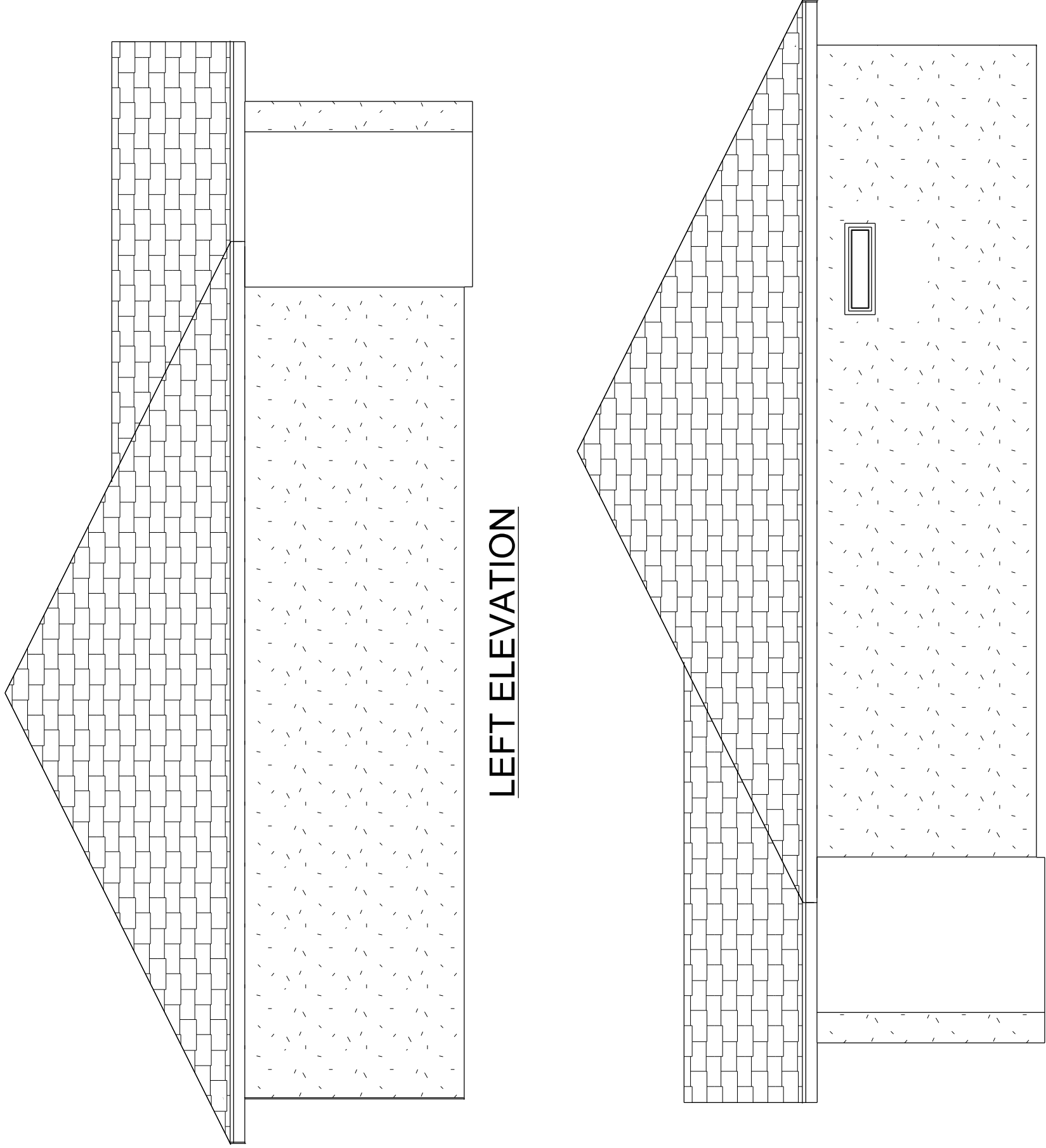
VENTILATION	
SQ.FT. OF NEW CEILING	1529 / 300 = 5.09 SQ.FT
NET FREE AREA / 2	= 2.54 SQ.FT. VENT SYSTEM REQUIRED
EQUALS	365 SQ. IN.
4 OFF RIDGE VENTS =	420 SQ IN.
TOTAL TO BE INSTALLED	420 SQ.IN.
SOFT VENT SYSTEM	2.54 SQ.FT.
DIVIDED BY	0.03226 S.F. PER SQ.FT. OF SOFT
EQUALS S.F. OF SOFT PANEL PER SYSTEM	78 SQ.FT.
DIVIDED BY	1.5 = 53 L.F. OF VENTED SOFT
BUILDING HAS	100+ OF SOFT AVAILABLE



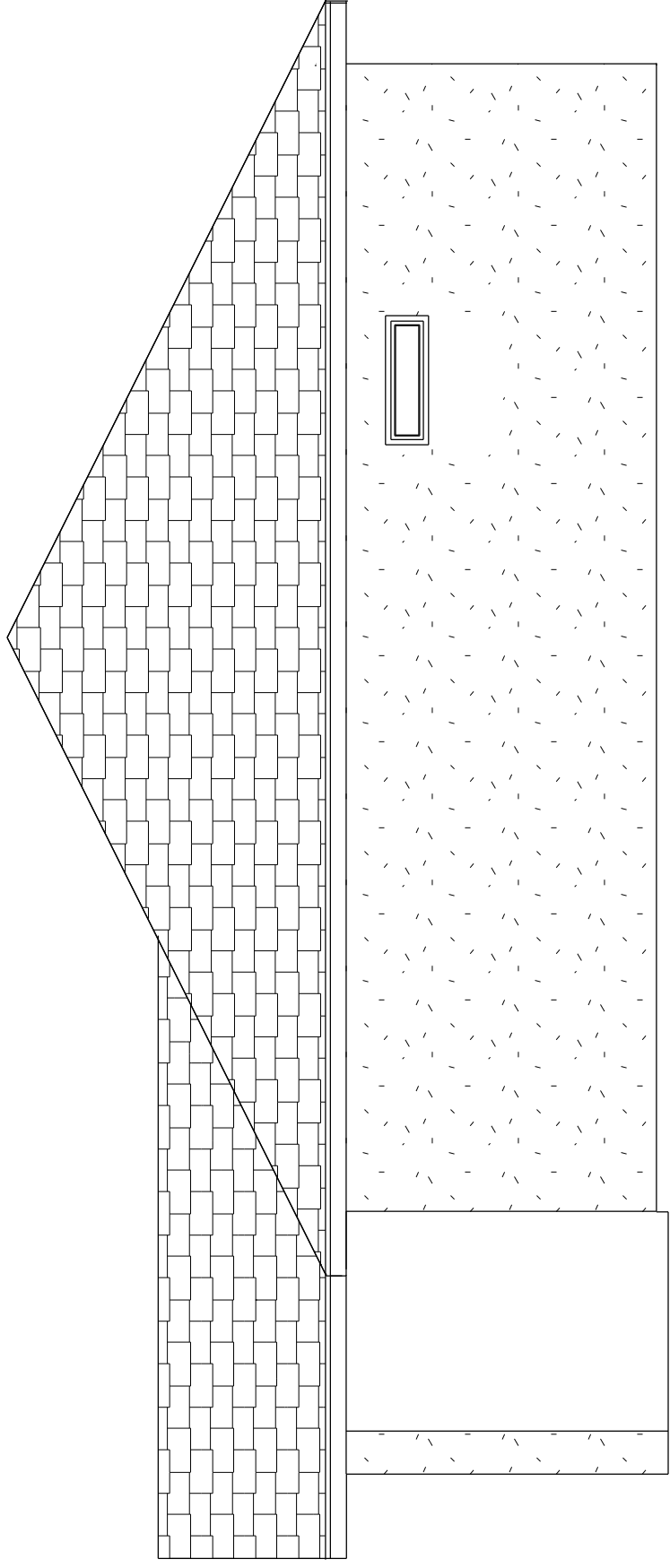
FRONT ELEVATION



REAR ELEVATION



LEFT ELEVATION



RIGHT ELEVATION

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

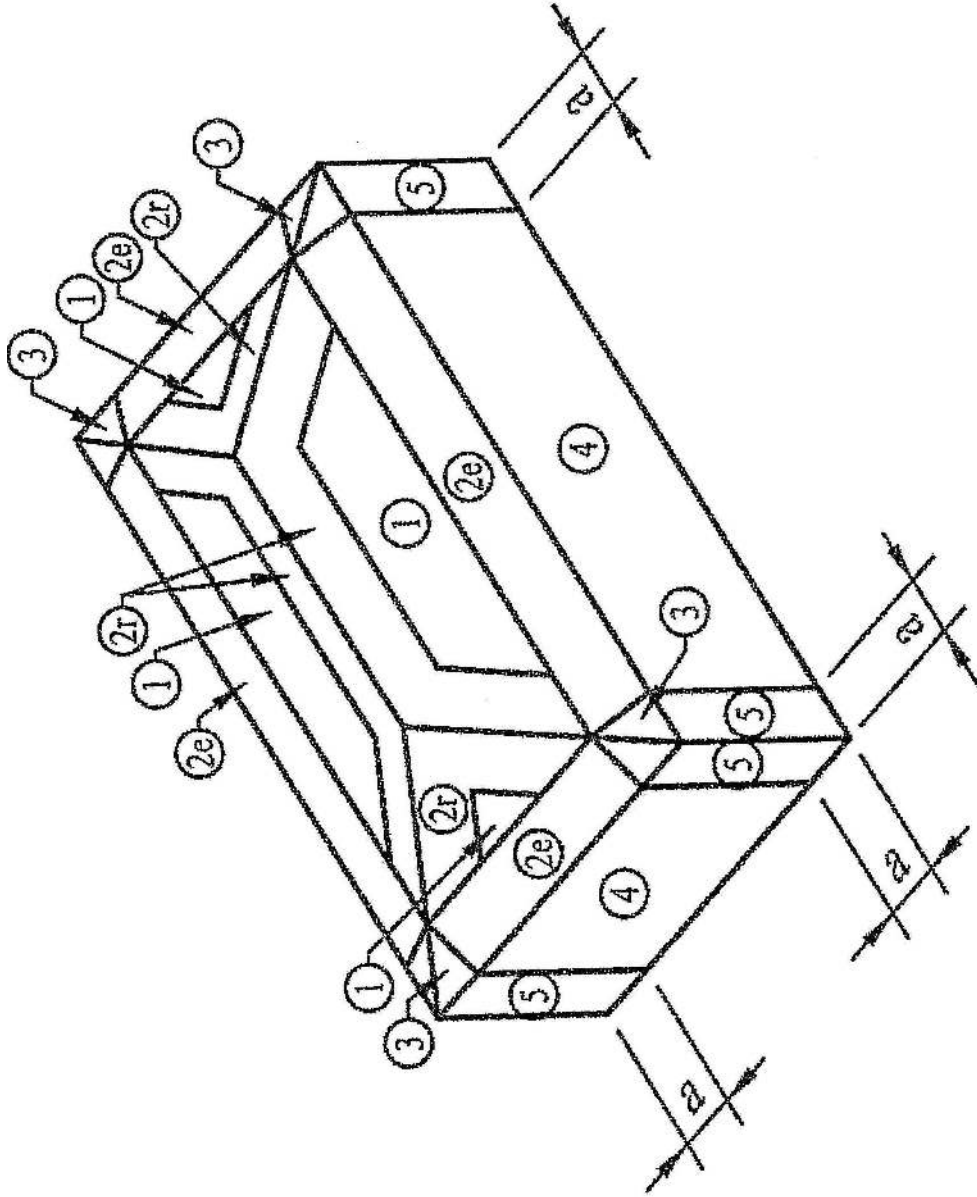
The Client shall promptly report to the Design Professional any defects or suspected defects in the Design Professional's work or services of which the Client becomes aware, so that the Design Professional may take measures to minimize the consequences of such a defect. The Client warrants that he or 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

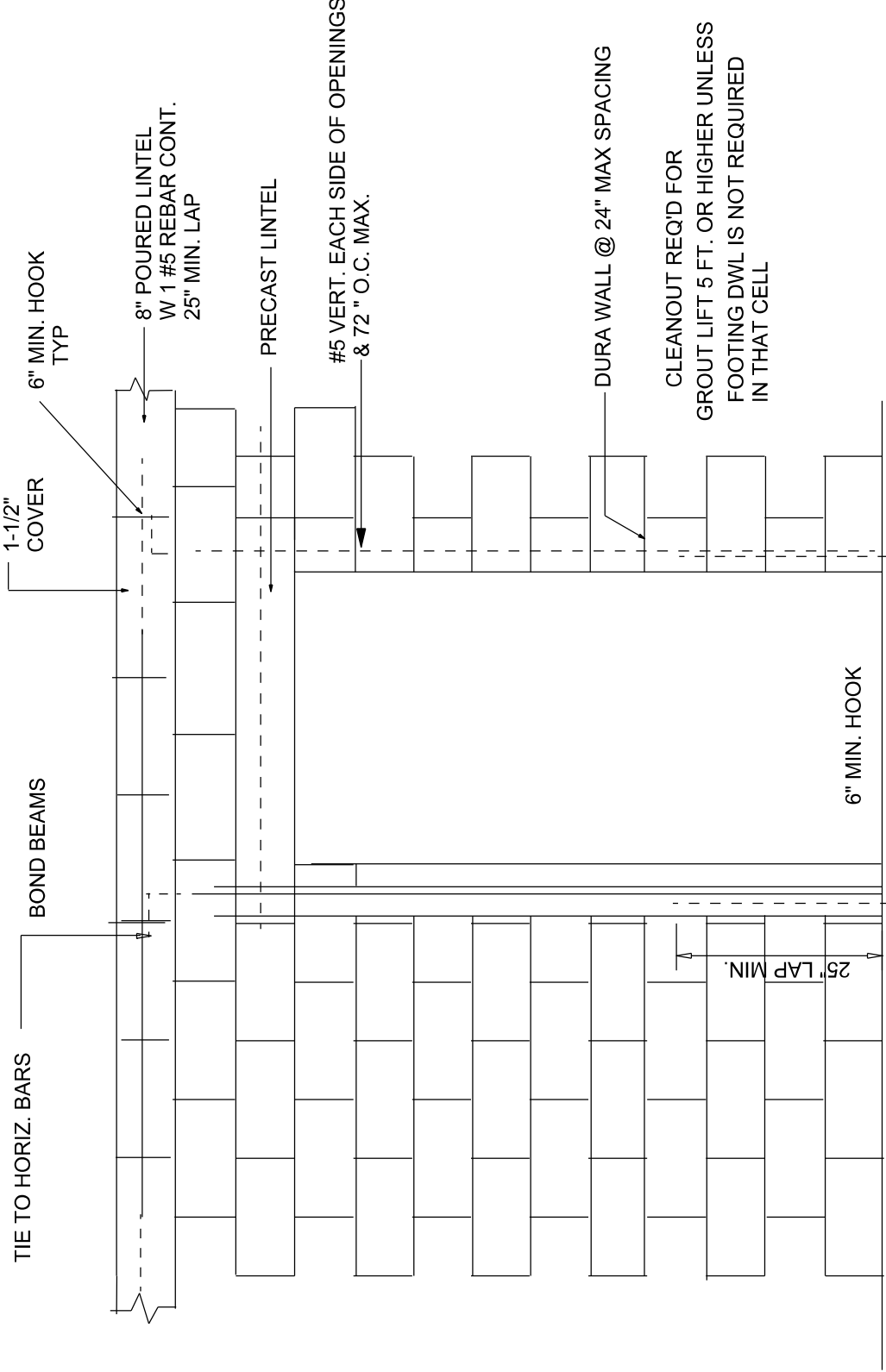
Inasmuch as the remodeling and/or rehabilitation of an existing building requires that certain assumptions be made regarding existing conditions, and because some of these assumptions may not be verifiable without expending additional sums of money or destroying otherwise adequate or serviceable portions 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.

Wind Pressure Summary for GCF Home based upon Annex Ch. 30 Pt. 1, (Table 1 of 3)
ALL wind pressures include a load factor of 0.9

Zone	Figure	A <= 2.00 sq ft psf	A = 4.00 sq ft psf	A = 10.00 sq ft psf
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1	30.3-2C	11.16 -21.30	10.26 -21.30	9.60 -21.30
2e	30.3-2C	11.16 -21.30	10.26 -21.30	9.60 -21.30
2n	30.3-2C	11.16 -33.99	10.26 -33.99	9.60 -33.99
2x	30.3-2C	11.16 -33.99	10.26 -33.99	9.60 -33.99
3e	30.3-2C	11.16 -33.99	10.26 -33.99	9.60 -33.99
3n	30.3-2C	11.16 -33.99	10.26 -33.99	9.60 -33.99
4	30.3-1	14.96 -16.23	14.96 -16.23	14.96 -16.23
5	30.3-1	14.96 -20.04	14.96 -20.04	14.96 -20.04

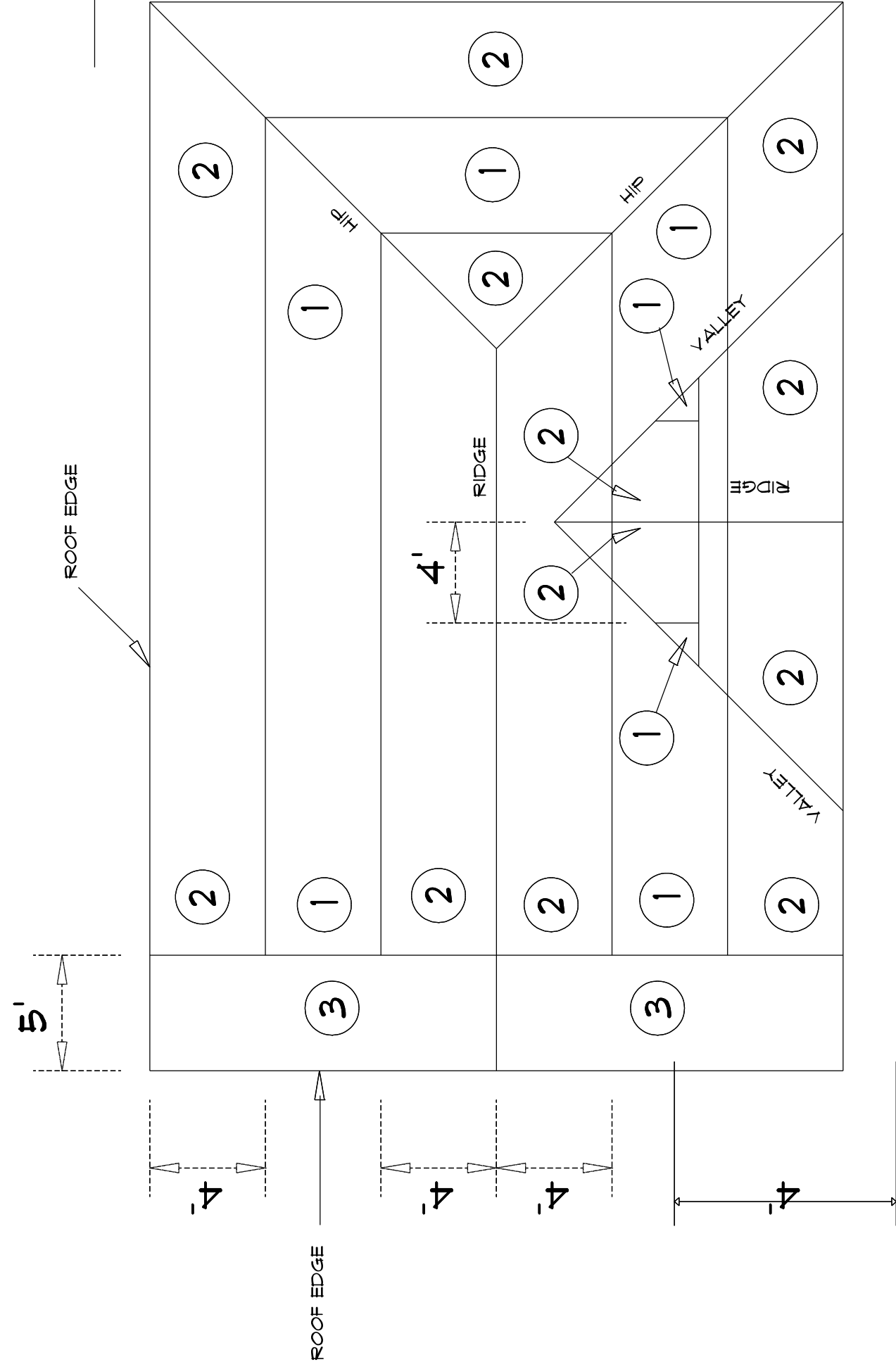


Hip Roof ($7^{\circ} \leq \theta \leq 45^{\circ}$)



CMU WALL OPENING REINFORCING

NTS



NOTES: ALL EDGES AT TRUSSES 6\"/>

INTERMEDIATE TRUSSES 12\"/>

1. ALL NAILS TO BE #9 RING SHANK NAILS MIN.

ROOF ATTACHMENT PLAN

(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

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

- Trusses: Pre-engineered wood trusses at 24\"/>
- Roof Sheathing: Sheathing to be or 7/16\"/>
- 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

- Exterior Wall: 8\"/>

- Bond Beam to be (1) 8\"/>

Foundations (sizes based on wind load requirements only :

Stemwall Footing 20\"/>

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

SHEAR WALLS QUANTITY
TRANSVERSAL SHEARWALLS = 10'-0"
LONGITUDINAL SHEARWALLS = 66'-0"

Digitally
signed by
Michael E.
Driscoll PE
Date:
2022.07.04
11:23:14
-04'00'



This item has been digitally signed and sealed by, Michael E Driscoll PE, # 43922 on 12-8-21.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

MICHAEL E DRISCOLL PE
FL REG # 43922

MARTINEZ
279 SW MEADOWLANDS DR
LAKE CITY , FL DS22-63

DATE: 7-1-22

Sheet
WL 1