

NAME: Mr. & Mrs. Dawson

MODEL: Swannee/Custom

CABINET & VANITY:
36" high vanity
Charlston #2
Color: Wheat/Maple

TOILETS: Standard white or bone
Master bath: White handicap
Hall bath: White handicap
Other:

List the standard names
VC03 Dt-36 inches tile
Both bathrooms wall & floor
Plywood upgrade
Cabinets dovetail draws
Charlston #2 Wheat color maple

TUBS:
Steel Color:
Master bath: All G-rout Wutmeq #50-
Hall bath:
Other bath:
Garden Tub:
Jacuzzi:
Tub & Shower Unit:

CARPET: (One Color throughout)
Color: None
Allowance is \$18.00 per yard includes carpet, padding &
Installation

UPGRADE:

Color change in rooms \$75 per room.
Bedroom #1: All flooring coretech
Bedroom #2:
Bedroom #3: Bellmont Hickory
Other: Core Tech Flooring
Other:

COUNTERTOP: Granite
Kitchen: Pencil Roll granite
Color: Pencil roll granite
Bath: granite
Bath:

PAINT: One color throughout
Interior: Off White
White baseboards
(Color change \$85.00 per room)

VINYL:
Kitchen:
Master
Hall Bath:
Other:

ROOF:
Shingles Color: Driftwood IKO
Metal Color: No
Metal Style: No

Exterior Walls:
Exterior Trim:

TILE (Floor)
Master Bath: VC DT 03
Kitchen & Utility: Belmont
Other: Hickory all
Other:
Grout m/b: Nutmeq #50
Grout Kitchen & Utility: NA
Grout Other: NA
Grout Other: NA
Allowance per sq. yd. \$3.30 per
Sq. ft. includes tile, grout & installation

BATHROOM TILE:
Shower Master Bath: VC DT 03
Shower Hall: VC DT 03
Shower 3" Bath: NA
Grout M/B: Nutmeq # 50
Grout Hall: All tile the same
Grout 3" bath: All grout same
Decos are an upgrade:

APPLIANCES:
Standard GE or equivalent
Colors: Black or White
Upgrade to stainless steel S White STD Muth
Allowance \$850.00 includes d/w, range, hood fan

List the standard names
Upgrade:
(Cost for upgrade)

EXTERIOR:
Front Door Color: House Match
Trim on coconut shell
Door Type: 6 panel
Rear Door: French w/rolls
Side Door: garage 30 6 panel
French Doors:

INTERIOR TRIM:
Doors: Classique standard
Trim: Colonial standard
Upgrade: Colonial 6 panel doors

SIDING:
Dry-Vit: Main house 497 b snow Pea
Windows Standard White
Vinyl: No
Hardie Plank: No
Other: Trim coconut shell 392 B

WINDOWS: Standard (colonial grills in front)
Bath Window: Both bathrooms
Clear: Obscure: Yes
Windows Standard White

SOFFIT:
White: Brown: Yes

NOTES:
Homeowner supply microwave, housecraft will install
Install - Prewire please

5 flood light - prewire
5 3/4 base boards

Homeowner to meet electrician security wire
Homeowner supply 36-inch vanities - VIP
Garage door opener in contract added in extras.

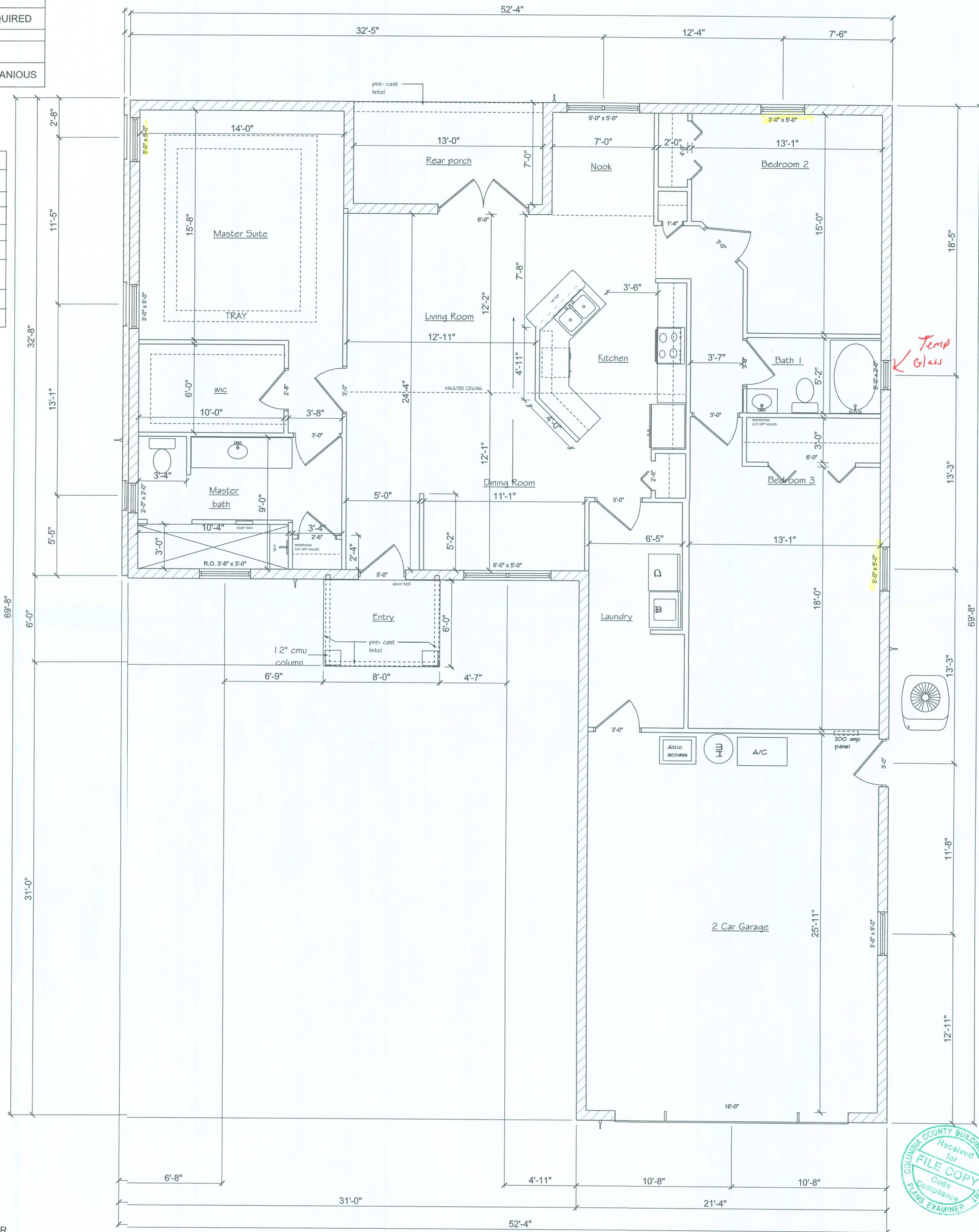
1. THIS RESIDENCE SHALL BE CONSTRUCTED IN ACCORD WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2017 6TH EDITION
2. ALL CEILING SHEETROCK SHALL BE MIN 5/8"
3. ALL AREAS EXCEPT WHERE GFI RECEPTICALS ARE REQUIRED RECEPTICALS SHALL BE ARC FAULT
4. ELECTRICAL DESIGN BY ELECTRICAL CONTRACTOR.
5. CONTRACTOR 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	1624
ENTRY	48
BACK PORCH	91
GARAGE	568
TOTAL	2331

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

UNDERGROUND POWER



FLOOR PLAN VIEW

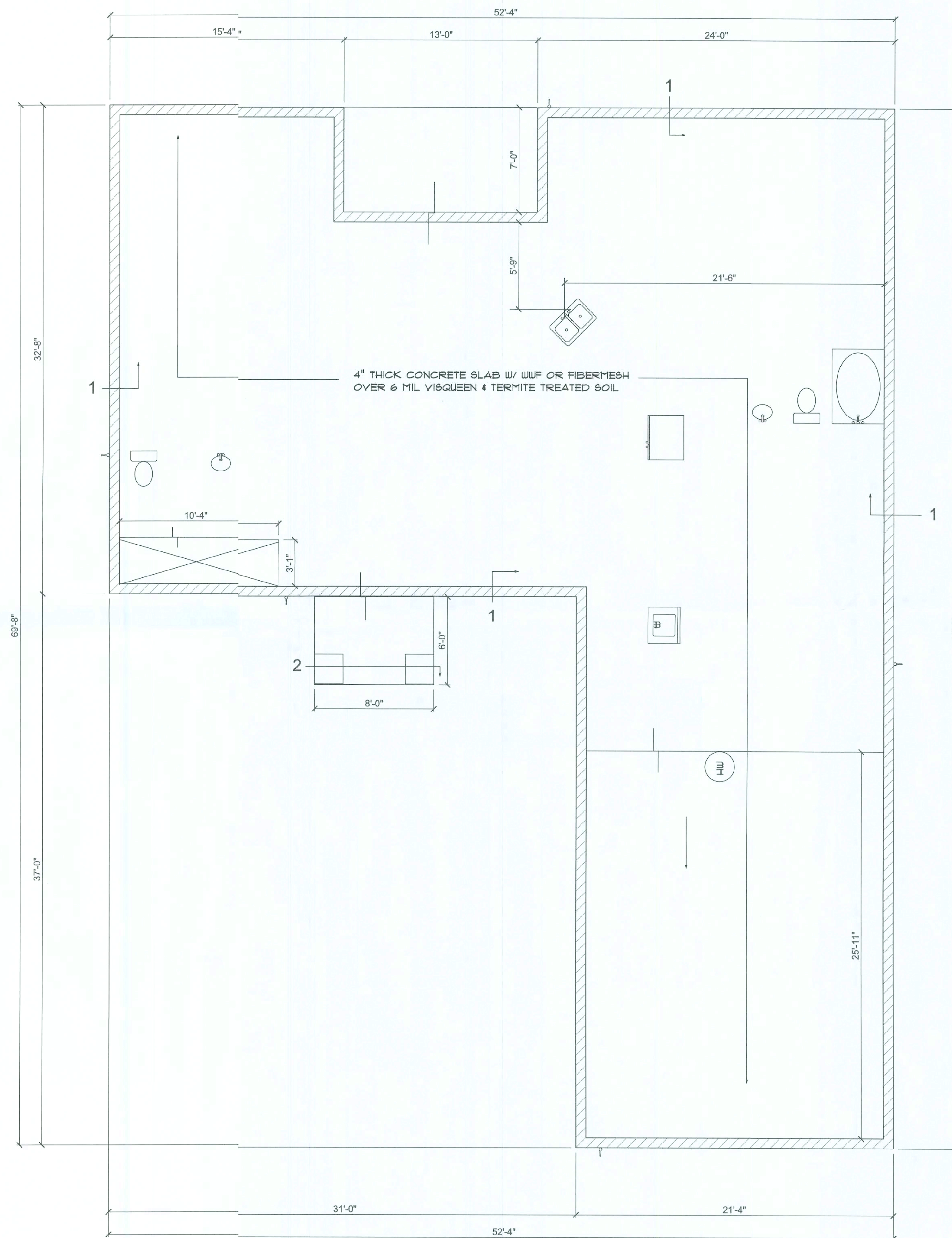
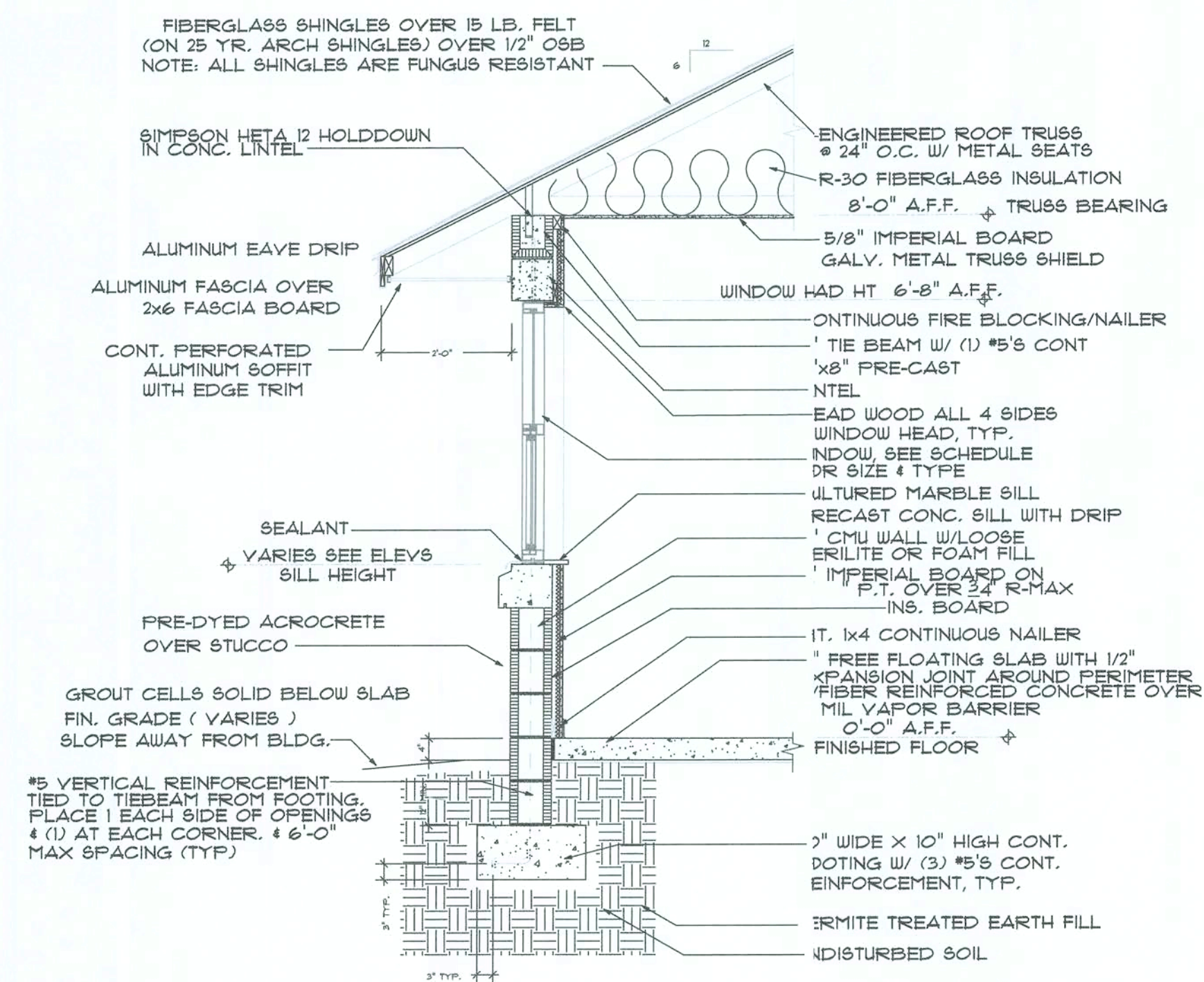
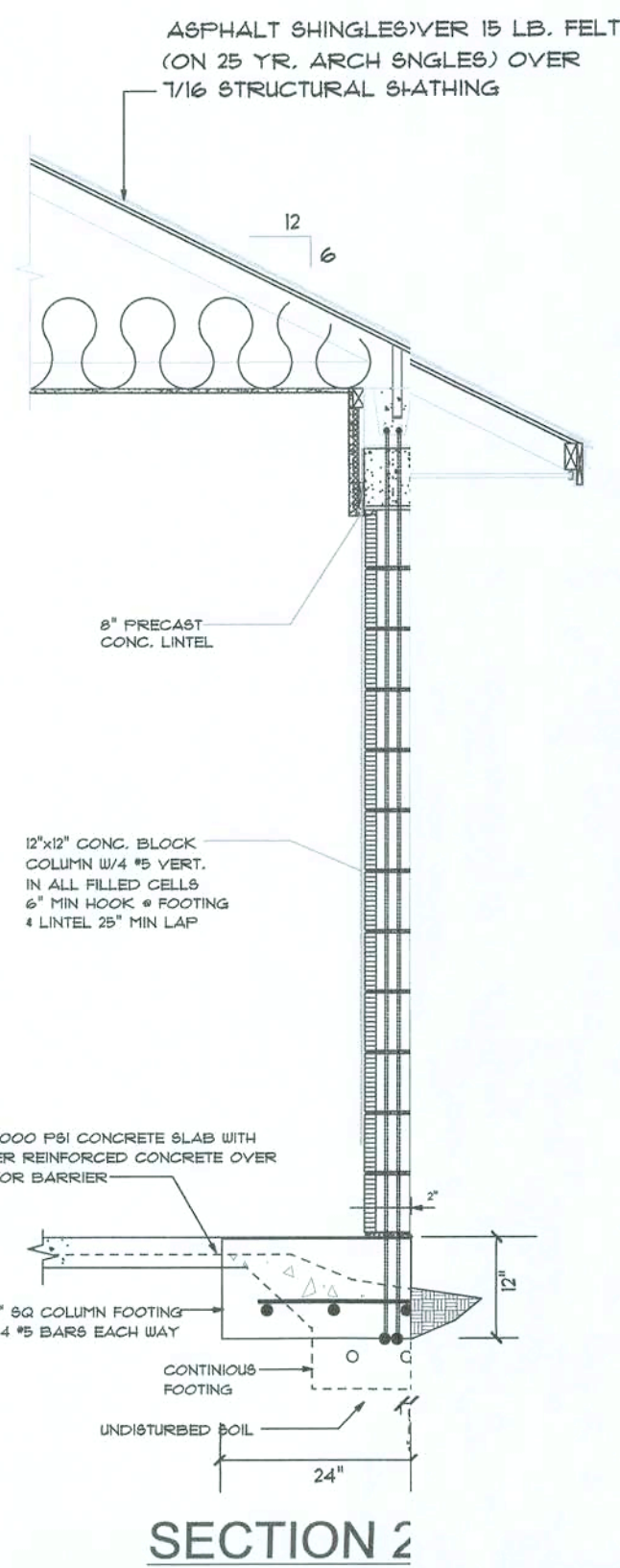
William Johnson Drafting
2905 NW 104th Ct
Gainesville, FL 32606
494-2041

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COLUMBIA CO, FL DS20-50

DATE: 6-24-20

sheet 1





sheet

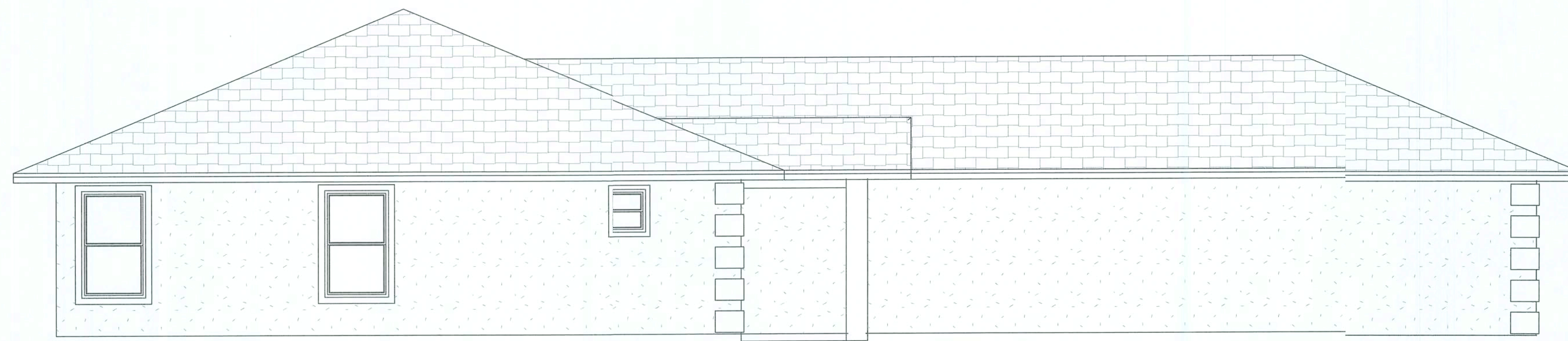
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DATE: 6-24-20

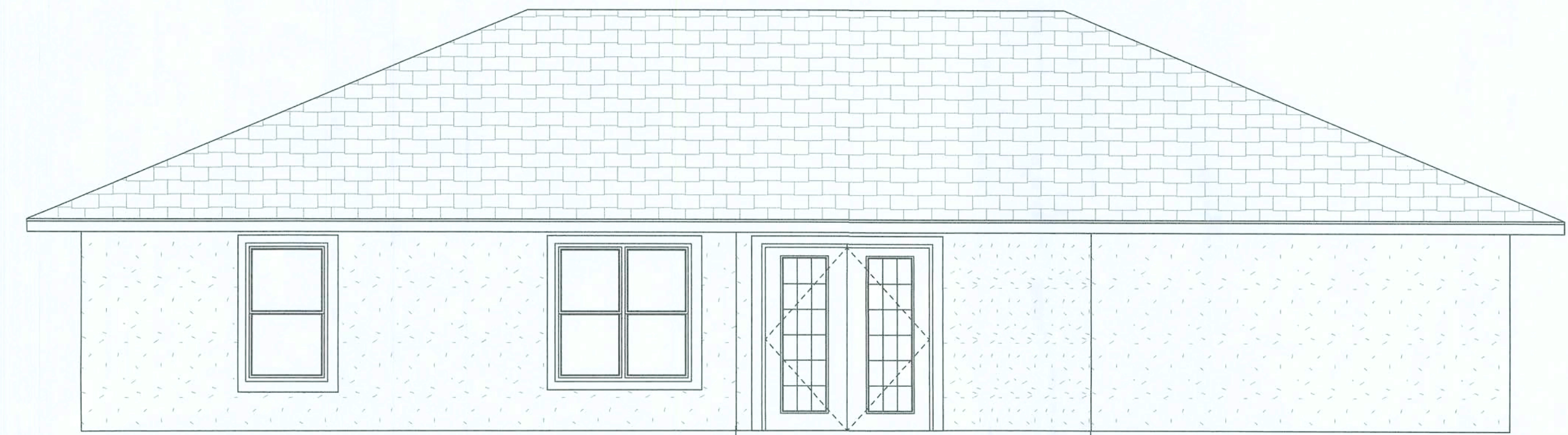
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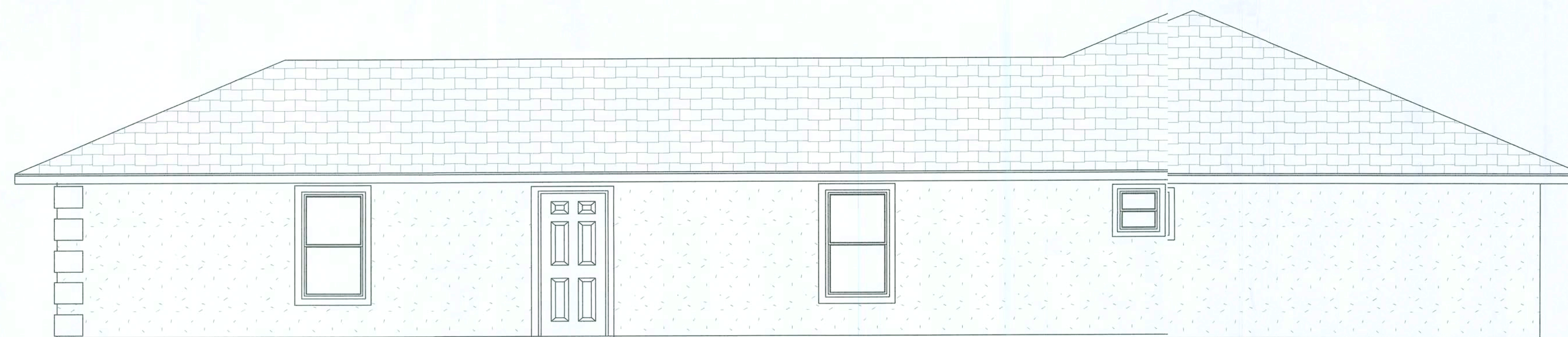
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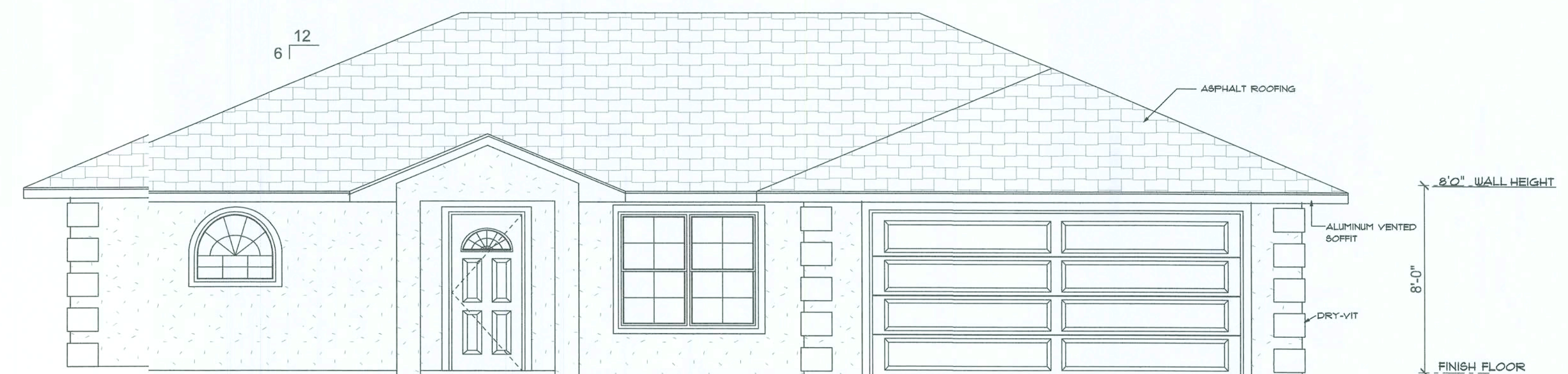
LEFT ELEVATION



REAR ELEVATION



RIGHT ELEVATION



FRONT ELEVATION

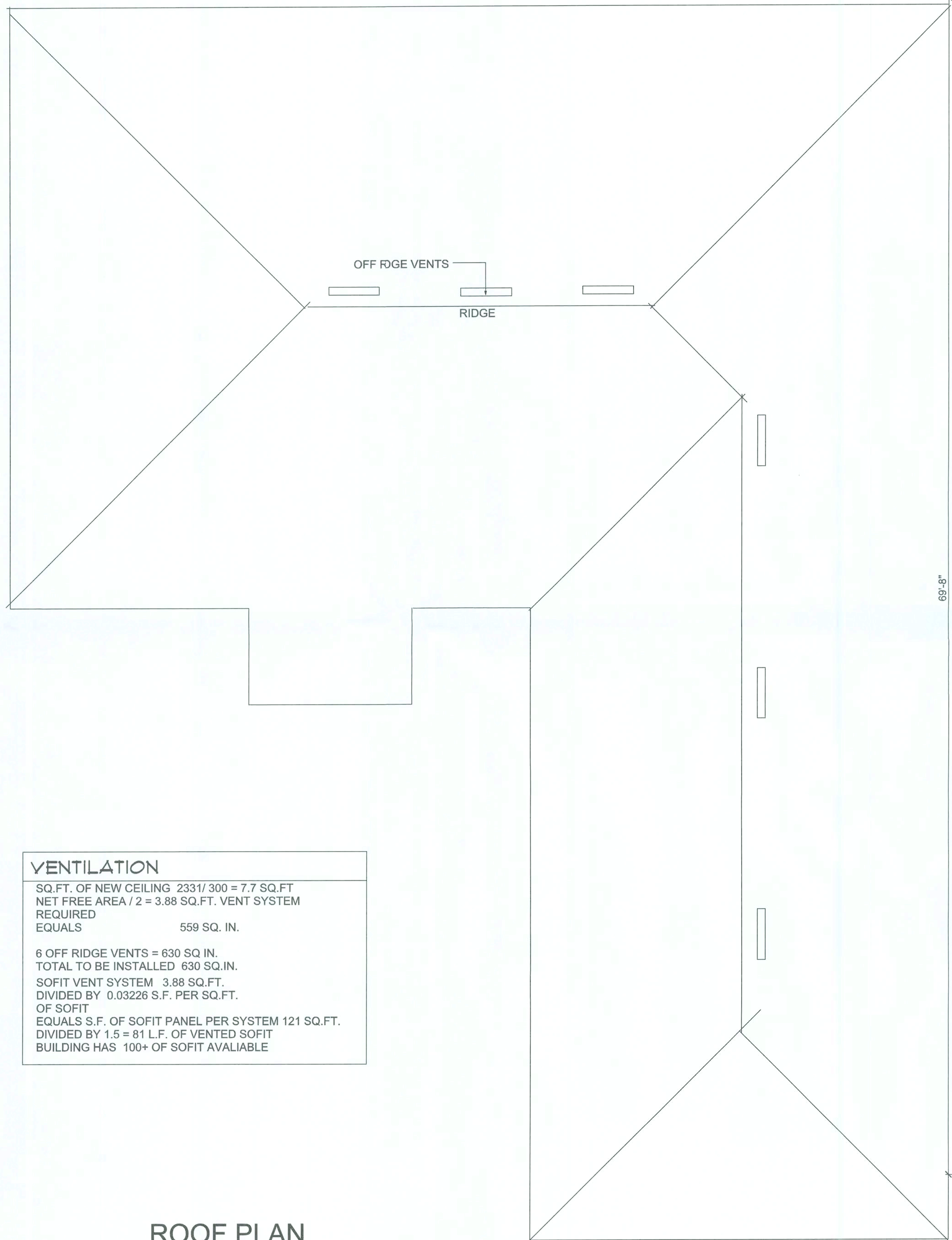
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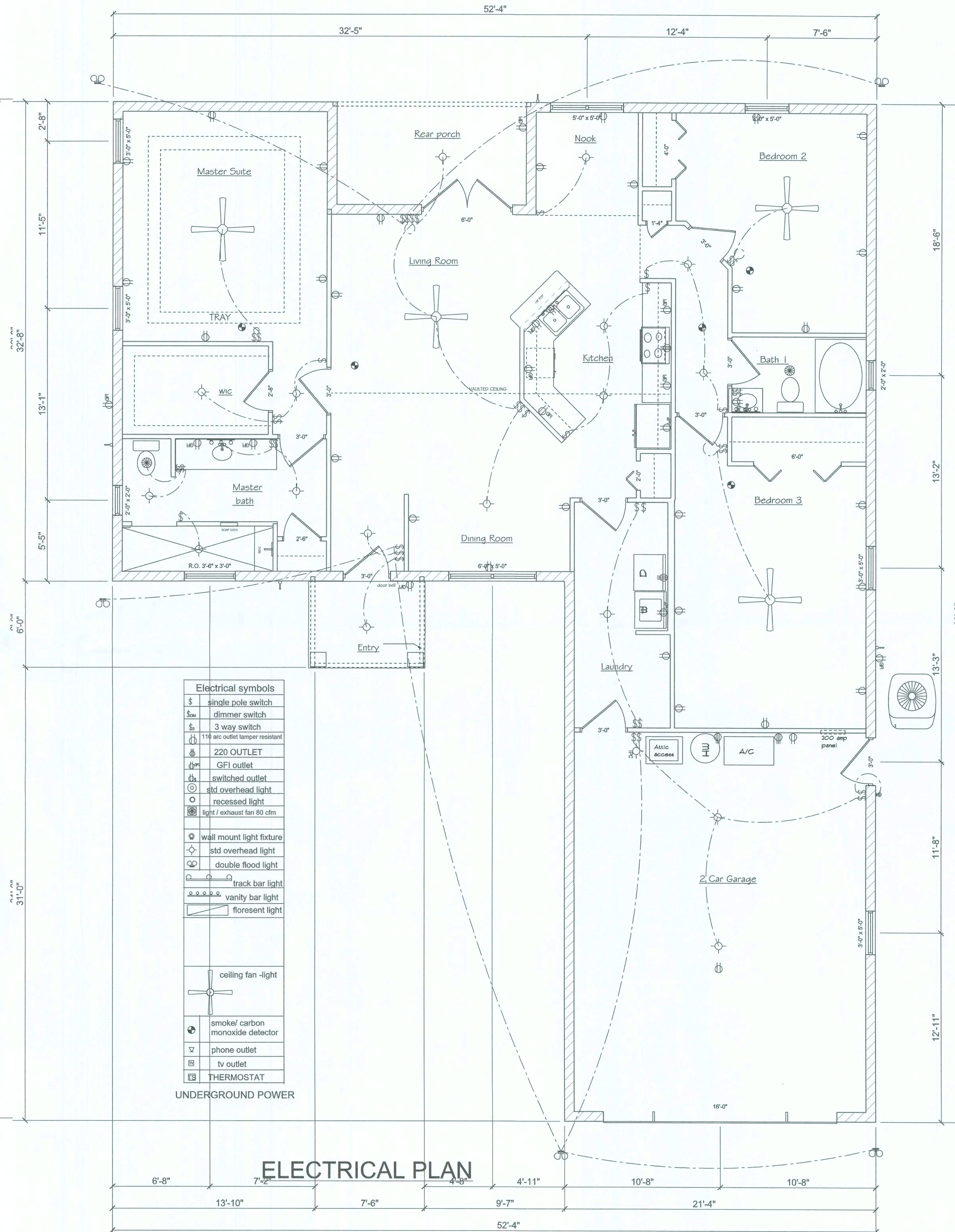
3



VENTILATION
SQ.FT. OF NEW CEILING 2331/ 300 = 7.7 SQ.FT
NET FREE AREA / 2 = 3.88 SQ.FT. VENT SYSTEM
REQUIRED
EQUALS 559 SQ. IN.

6 OFF RIDGE VENTS = 630 SQ. IN.
TOTAL TO BE INSTALLED 630 SQ. IN.
SOFFIT VENT SYSTEM 3.88 SQ.FT.
DIVIDED BY 0.03226 S.F. PER SQ.FT.
OF SOFFIT
EQUALS S.F. OF SOFFIT PANEL PER SYSTEM 121 SQ.FT.
DIVIDED BY 1.5 = 81 L.F. OF VENTED SOFFIT
BUILDING HAS 100+ OF SOFFIT AVAILABLE

ROOF PLAN



- 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
 - fluorescent light
 - ceiling fan -light
 - smoke/ carbon monoxide detector
 - phone outlet
 - tv outlet
 - THERMOSTAT
- UNDERGROUND POWER

ELECTRICAL PLAN

William Johnson Drafting
2905 NW 104th Ct
Gainesville, FL 32606
494-2041

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COLUMBIA CO, FL DS20-50

DATE: 6-24-20

sheet

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 hereto.

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 of the Design Professional.

OWNERSHIP OF INSTRUMENTS OF SERVICE

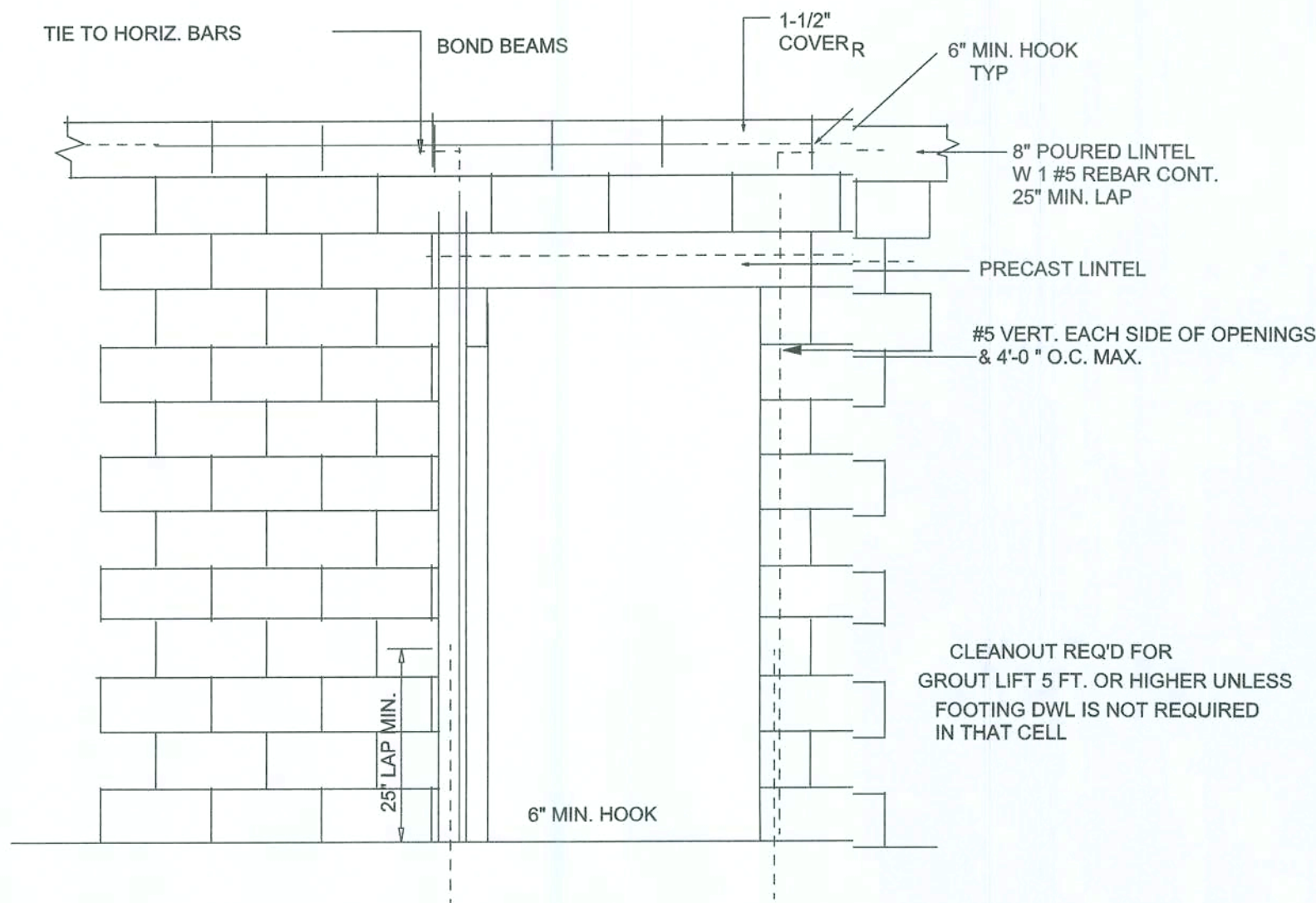
All reports, plans, specifications, computer files, field data, notes and other documents and instruments prepared by the Design Professional as instruments of service shall remain the property of the Design Professional. The Design Professional shall retain all common law, statutory and other reserved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

DEFECTS IN SERVICE

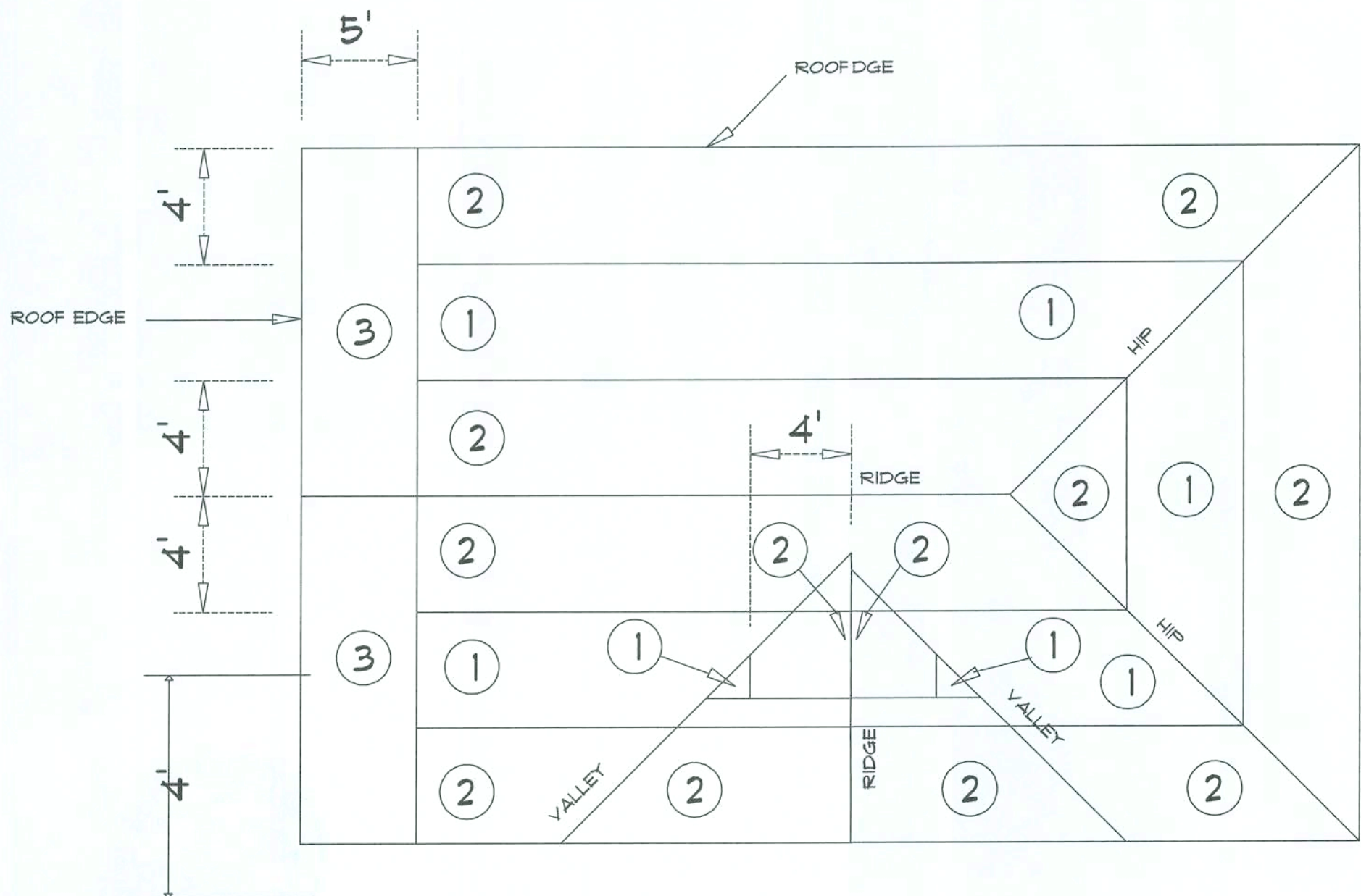
The Client shall promptly report to the Design Professional any defects or suspected defects in the Design Professional's work or services of which the Client becomes aware, so that the Design Professional may take measures to minimize the consequences of such a defect. The Client warrants that he or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



NOTES:
ALL EDGES AT TRUSSES 6" O.C. ON THE EDGE AND INTERMEDIATE TRUSSES 12" O.C.
1. ALL NAILS TO BE #8 RINGSHANK 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 200	9- 10dX 1-1/2"	1810
GIRDER TRUSS	LINTEL	1	HETA 200	9- 10dX 1-1/2"	1810

Certification
I hereby certify that the accompanying wind load analysis for the New Residence as described above demonstrates compliance with the FBC 2017 6th 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" o.c. The Truss engineering for this project was provided by Builders FirstSource job# 2391382 Signed & Sealed by Joaquin Velez P.E. # 68182 Dated: July 6, 2020.
- Roof Sheathing: Sheathing to be 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.
- Roofing: Asphalt Shingles shall be installed per mfg. specifications to meet 130 m.p.h. windloading and in accord with the Florida Building Code 2017.

Exterior Walls

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

- 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".

Headers

- Provide headers in accordance with Section 2308 of the Florida Building Code, 2014.u.n.o.
- All wood header & beam connections to trusses shall be designed & engineered by the roof truss mfg.

Foundations (sizes based on wind load requirements only):

Footings: 20" wide x 10" deep w/ 2 #5 bars cont. 25" min bar lap.

CMU column footing pad: 30" sq. x 12" deep w/ 4 #5 bars each way.

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

SHEAR WALLS QUANTITY
TRANSVERSAL SHEAR WALLS = 56'-0"
LONGITUDINAL SHEAR WALLS = 82'-0"

Digitally signed by Michael E. Driscoll PE
DN: c=US, st=Florida, l=Gainesville,
o=Driscoll Engineering, Inc., cn=Michael
E. Driscoll PE,
email=med@driscollengineering.com
Date: 2020.07.07 14:56:13 -0400

MICHAEL E DRISCOLL PE
FL REG # 43922



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6-24-20

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WL 1