HOUSE CRAFT HOMES, LLC

12501 US Hwy 441 Alachua, FL 32615 Office: 386-462-5323 Fax: 888-769-0105

CCGC 1516998

NAME: Schoening MODEL: Custom Rose

Kitchen Cabinets Uppers (Standard 36" or VIP 42")
Brunswick 1: yes, Drift Finish
Kitchen Countertops
Granite Color: #3
Master Bath Vanity (Standard 36" or VIP 42")
Brunswick 1: yes, Drift Finish
Master Bath Countertops
Granite Color: #3
Master Toilet: White
Master Shower
Wall Tile Color: UB 04 DT 1x2
Wall Grout Color: Winter Gray #335
Floor laminate Color: Galveston Oak Bath floor
Bath 2 Vanity (standard 36" or VIP 42")
Brunswick 1: yes, Drift Finish
Bath 2 Countertops
Granite Color: #3
Bath 2 Toilet: White
Bath 2 Shower
Wall Tile Color: UB 04 DT x2
Wall Grout Color: Winter Gray #335
Floor laminate Color: Galveston Oak Bath Floor
Paint
Interior Walls: HGSW 2477 Ghost Pines
Interior Trim: Super White
Flooring
Galveston Oak all flooring
Interior Doors (standard choices) & Hardware (standard choices)
6 panel colonial interior doors
Hardware: Cove (knob): Satin Nickel
Trim
5 ¼ Base Boards
Exterior Doors
As per elevation all doors
French Doors: no blinds
Windows: Standard White yes - colonial grills in front
Bath Window: Obscure
Appliances: (Standard GE or equivalent)
Allowance $850.00 includes d/w, range, hood fan

Customer takes credit – credit already applied in contract
Exterior: Dryvit
Main House Color: #105 Suede
Trim Color: Super White
Roof IKO Shingles
Color: Dual Black
Soffit: White

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

Allowances in Contract:
$10,000 well & septic

Additional Notes to Dan Harrington:
James Owner 904-364-7210
Zim – call owner
Electrician call owner
Plumber call owner

Danny double check showers owner wants 4' curb

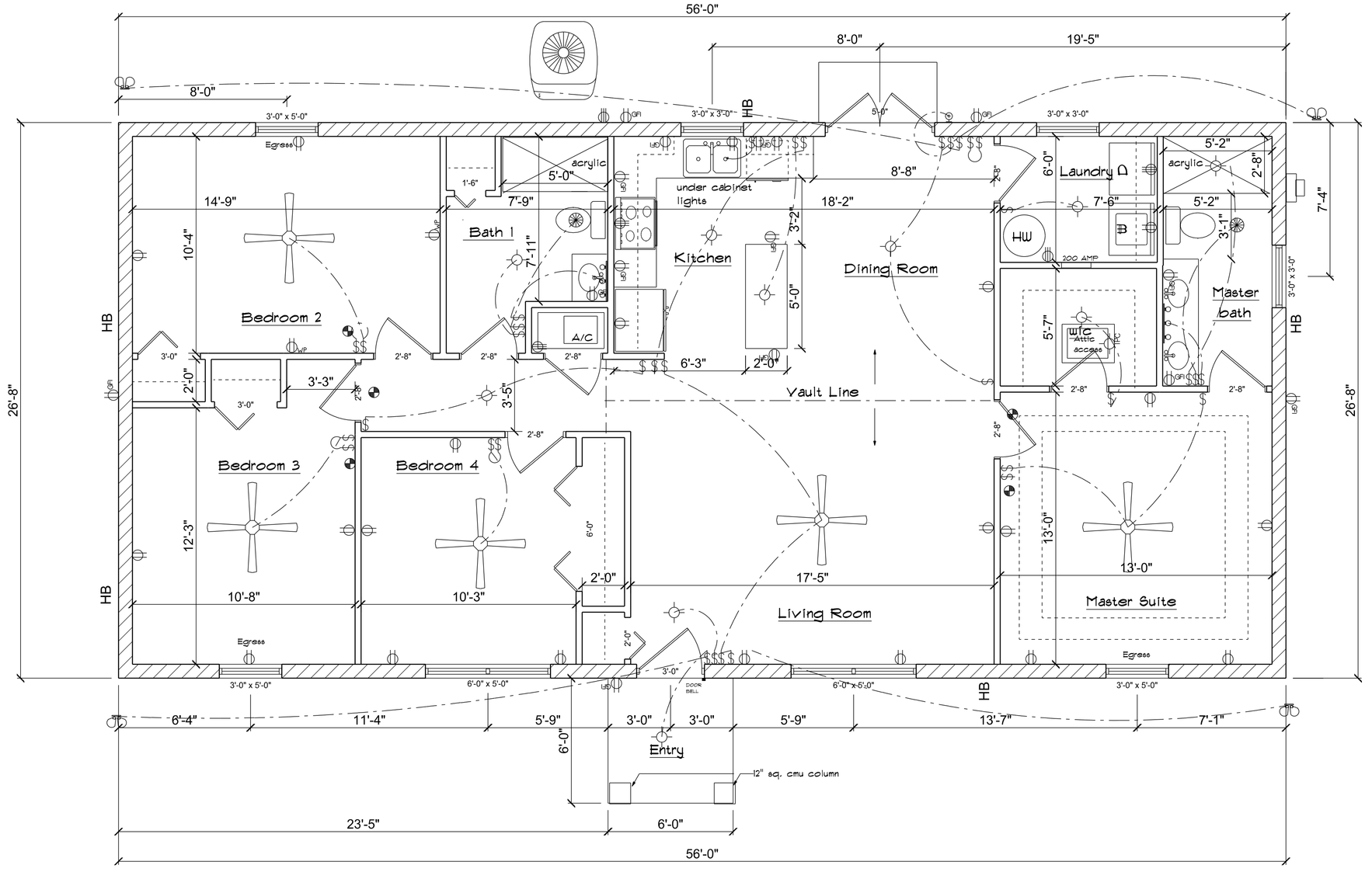
1. THIS RESIDENCE SHALL BE CONSTRUCTED IN ACCORD WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2020 7TH EDITION
2. ALL CEILING SHEETROCK SHALL BE MIN 5/8"
3- ALL AREAS EXCEPT WHERE GFI RECEPTICALS ARE REQUIRED RECEPTICALS SHALL BE ARC FAULT
4- ELECTRICAL DESIGN BY ELECTRICAL CONTRACTOR.
5- CONTRACTOR 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	1492
ENTRY	36
TOTAL	1528

Electrical symbols	
$	single pole switch
$DM	dimmer switch
$3	3 way switch
	110 arc outlet tamper resistant
	220 OUTLET
GFI	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	tv outlet
TS	THERMOSTAT

UNDERGROUND POWER



FLOOR PLAN VIEW

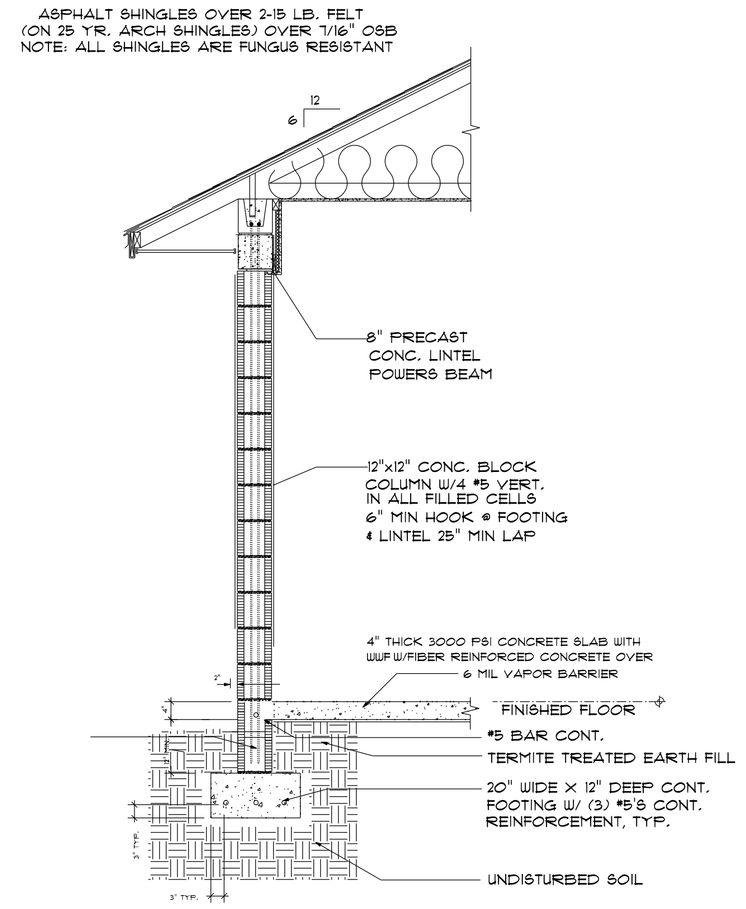
William Johnson Drafting
2905 NW 104th Ct
Gainesville, Fl 32606
494-2041

SCHOENING
PARCEL 00-00-00-0162-00
COLUMBIA CO , FL DS22-28

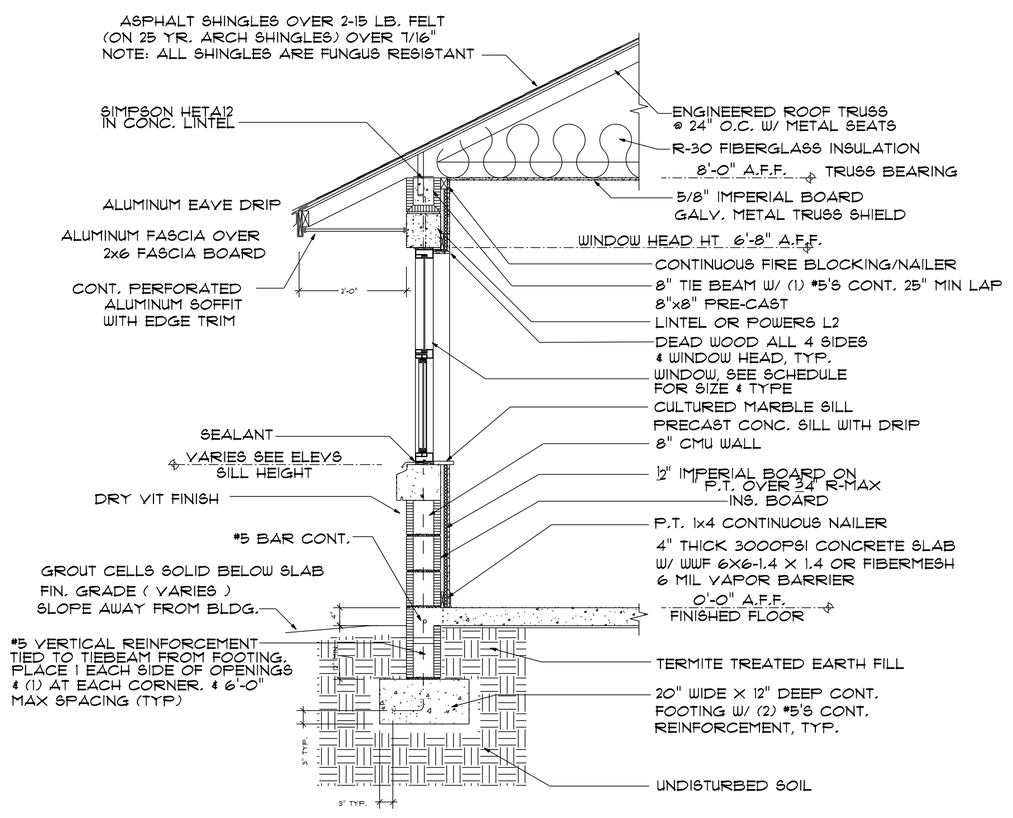
HOUSE LOCATION

DATE: 7-1-22

sheet 1



WALL SECTION 2



WALL SECTION 1

Masonry Construction Notes

1. Concrete masonry work shall conform to "Building Code Requirements for Masonry Structures" (ACI 530-02/ASCE5-02) and "Specifications for Masonry Structures: (ACI 530.1-02/ASCE6-02).
2. Concrete masonry units shall be Type 1 and comply with "Standard Specifications for Hollow Load-Bearing Concrete Masonry Units" (ASTM C90-90).
3. The minimum net area compressive strength of masonry (f'm), as determined by the unit strength method, shall be 1500 psi.
4. Mortar shall conform to ASTM C270. Type M Mortar shall be used unless otherwise noted. Type S Mortar shall be used with masonry in contact with earth.
5. Masonry column reinforcement shall have #2 ties in the bed joints at 8" oc, unless otherwise noted.
6. Grout for filling block cores and bond beams shall have a minimum compressive strength (f'c) of 3,000 psi at the age of 28 days.

Concrete Construction Notes

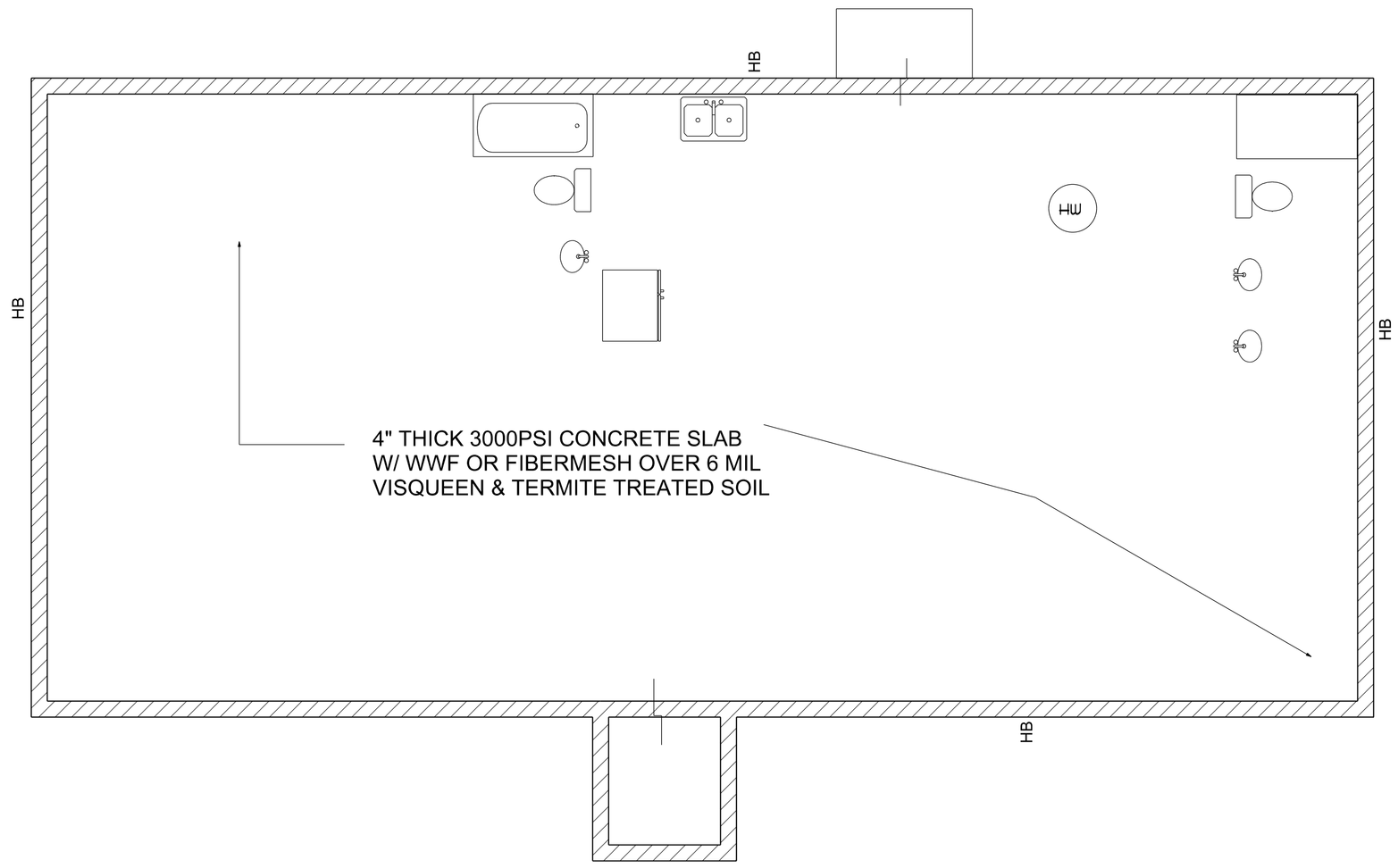
1. Concrete work shall conform to "Building Code Requirements for Reinforced Concrete" (ACI-318) and "Specifications for Structural Concrete" (ACI-301), Latest Edition.
2. Concrete mix shall conform to the following specifications. All concrete mixes shall contain a water-reducing admixture conforming to ASTM C-494. Air-entraining admixture shall conform to ASTM C-260.

CONCRETE MIX A

Ultimate Compressive Strength @ 28 days	3,000 PSI
Slump Range	4" +/- 1"
Maximum Aggregate Size	1"
Entrained Air	None
Dry Weight per Cubic Foot	150 #

3 All concrete shall be cured for a minimum of 28 days. If forms for vertical surfaces are removed prior to the end of the curing period, spray surfaces with liquid membrane curing compound.

4. Reinforcing steel shall conform to ASTM A615, Grade 40 (Fy=40 ksi). Lap continuous bars for tension lap splice per ACI-318, unless otherwise noted. Provide corner bars of same size and spacing as horizontal wall reinforcement. Cover for concrete reinforcing steel shall be in accordance with ACI-318, Paragraph 7.7.
5. Welded wire fabric (WWF) shall conform to ASTM A185. Lap sheets two mesh spaces and wire tie adjacent sheets together securely. Cut alternate reinforcement at control joints.
6. All slabs on grade shall have construction or control joints not to exceed 10' - 0" spacing, unless otherwise noted.
7. Electrical conduit and other pipes to be embedded in structural concrete floor slabs or walls shall be placed in accordance with the requirements of ACI-318, Paragraph 6.3.



FOUNDATION PLAN VIEW

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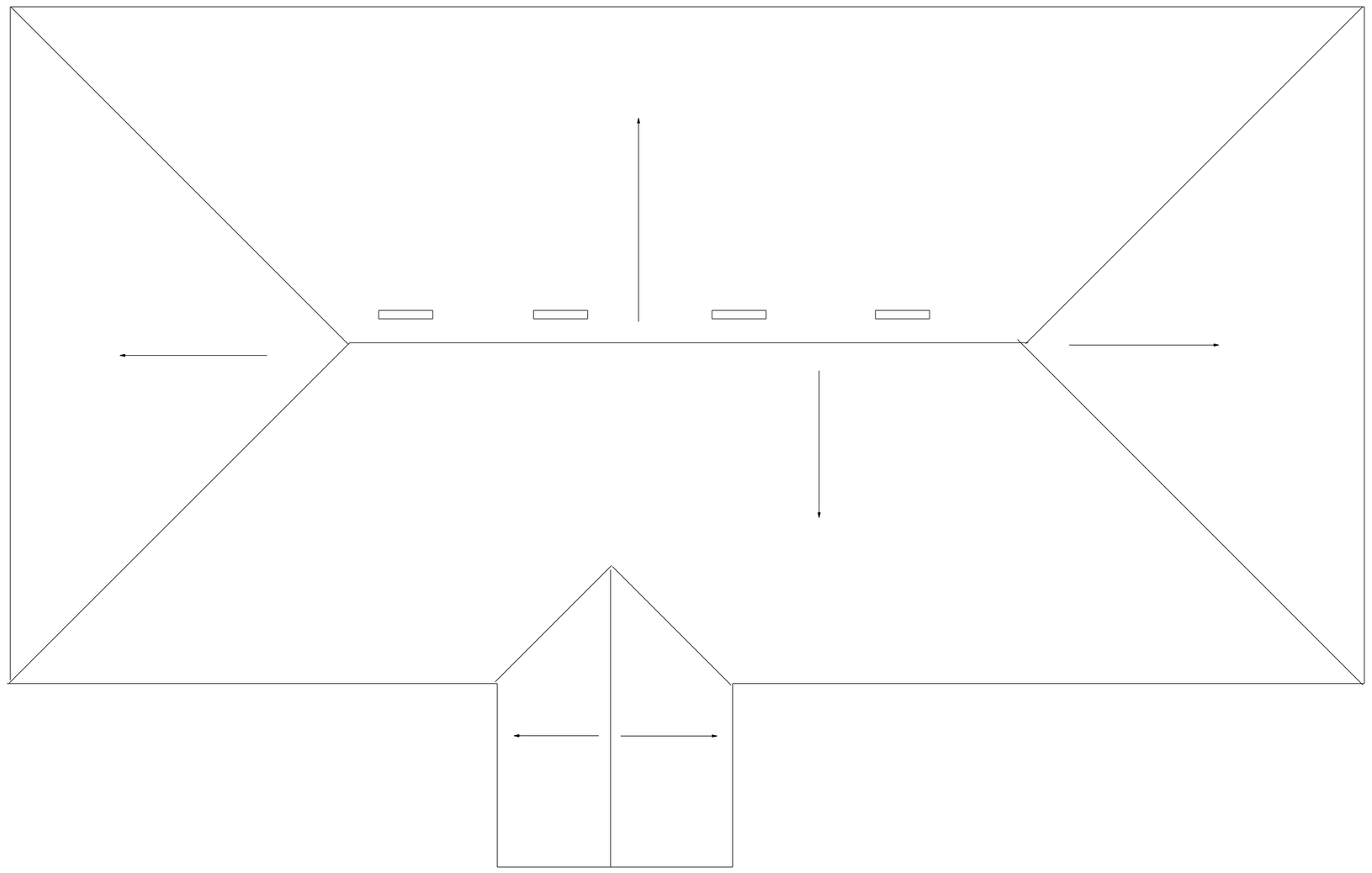
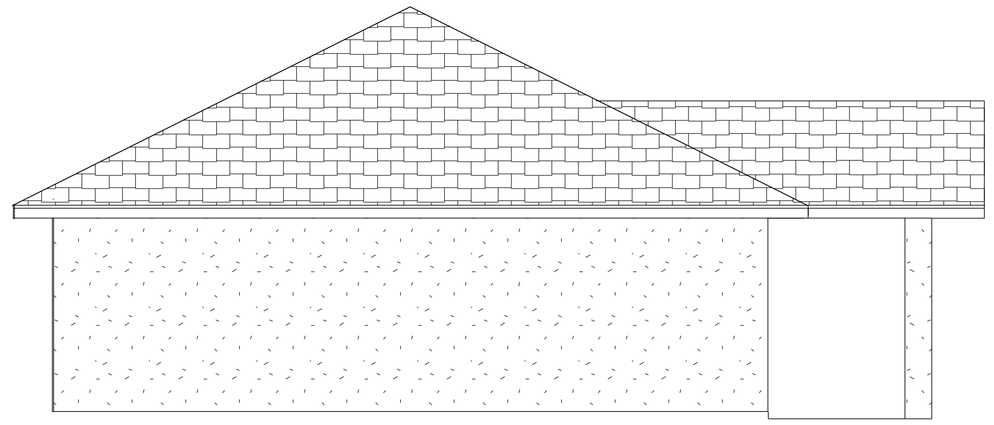
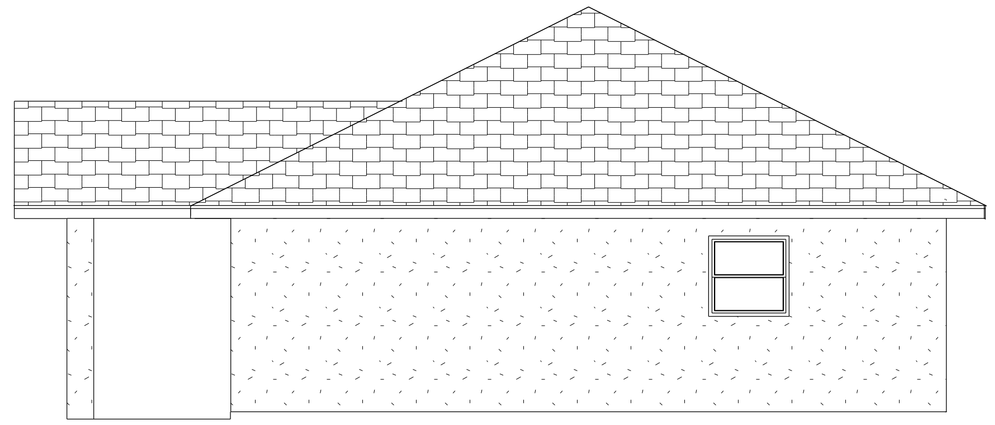
sheet 2



ROOF PLAN

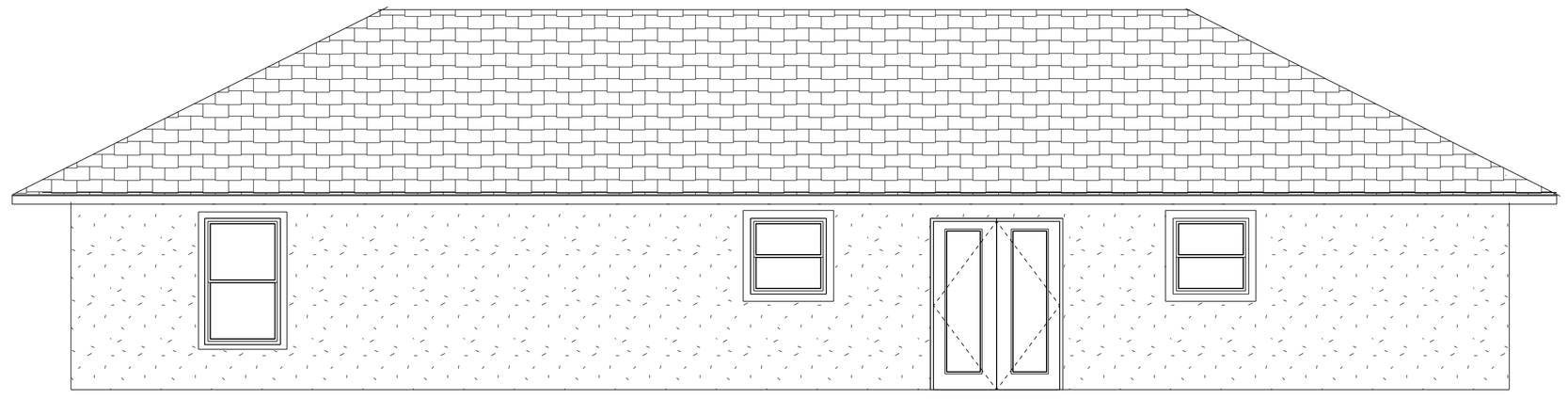


LEFT ELEVATION



RIGHT ELEVATION

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. SOFIT VENT SYSTEM 2.54 SQ.FT. DIVIDED BY 0.03226 S.F. PER SQ.FT. OF SOFIT EQUALS S.F. OF SOFIT PANEL PER SYSTEM 78 SQ.FT. DIVIDED BY 1.5 = 53 L.F. OF VENTED SOFIT BUILDING HAS 100+ OF SOFIT AVALIABLE



REAR ELEVATION

FRONT ELEVATION

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sheet 3

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

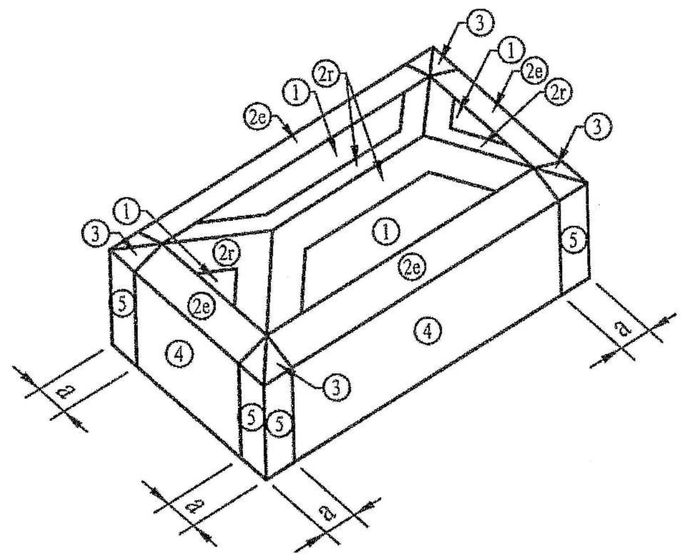
The Client shall promptly report to the Design Professional any defects or suspected defects in the Design Professional's work or services of which the Client becomes aware, so that the Design Professional may take measures to minimize the consequences of such a defect. The Client warrants that he or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

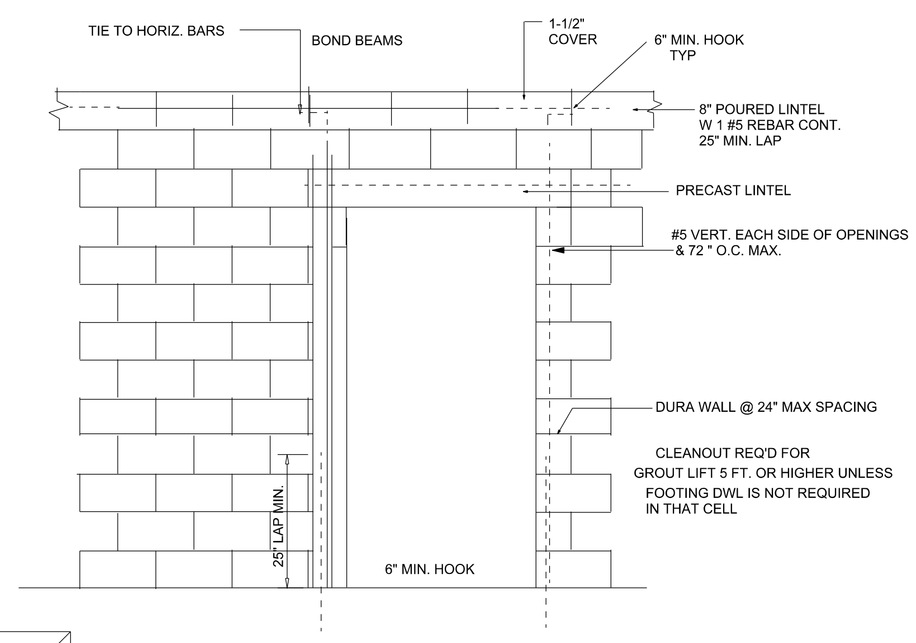
Inasmuch as the remodeling and/or rehabilitation of an existing building requires that certain assumptions be made regarding existing conditions, and because some of these assumptions may not be verifiable without expending additional sums of money or destroying otherwise adequate or serviceable portions 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 C&C Zones based Upon Areas Ch 30 Pt 1 (Table 1 of 3)
All wind pressures include a load factor of 0.6

Zone	Figure	A <= 2.00 sq ft psf	A = 4.00 sq ft psf	A = 10.00 sq ft psf
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
2r	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
3r	30.3-2C	11.16 -47.93	10.26 -47.93	9.60 -39.65
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 ($7° \leq \Theta \leq 45°$)



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# 3112268 Signed & Sealed by Philip J. O'Regan P.E. # 58126 Dated: April 15, 2022.

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.) @ 6" oc along edges and @ 6" 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.

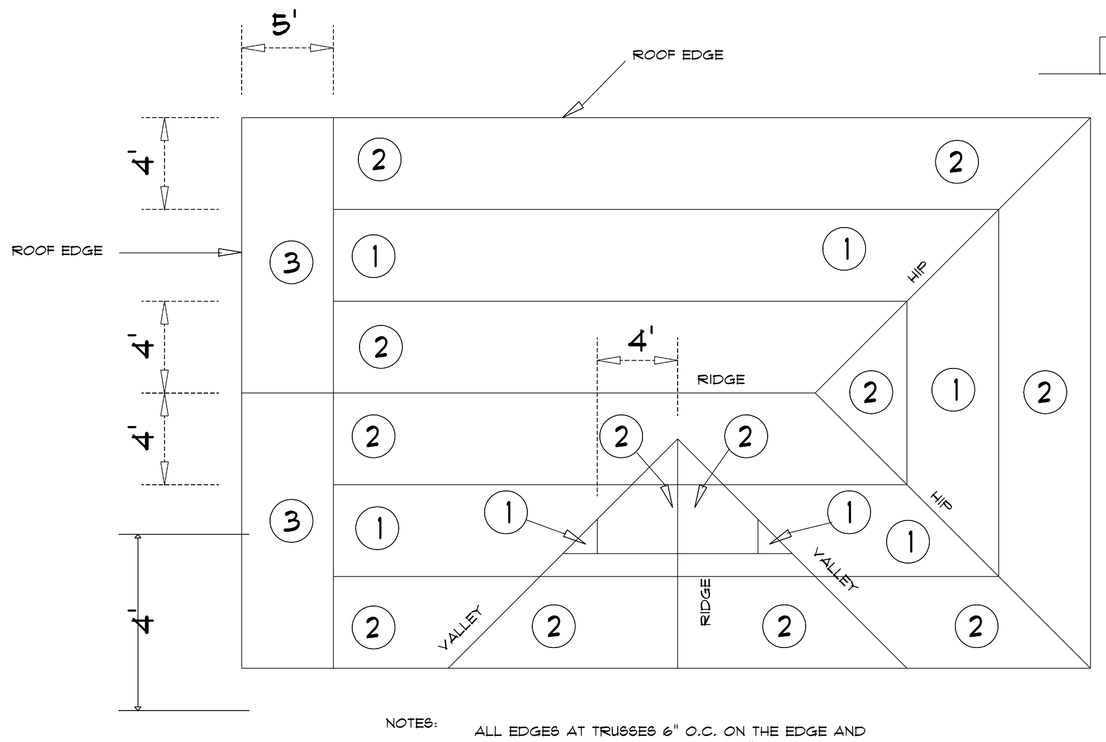
Exterior Walls

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 72" 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 :

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



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)

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

CONNECTOR SCHEDULE FOR LOAD BEARING & SHEAR WALLS

TO CONNECT	TO	NO.	PRODUCT CODE	FASTENER	UPLIFT CAPACITY LBS
TRUSS	LINTEL		HETA 12	9- 10dX 1-1/2"	1810
GIRDER TRUSS	LINTEL		HETA 12	9- 10dX 1-1/2"	1810

SHEAR WALLS QUANTITY
TRANSVERSAL SHEARWALLS = 70'-0"
LONGITUDINAL SHEARWALLS = 68'-0"

Digitally signed by Michael E. Driscoll PE
Date: 2022.10.03 09:24:55 -04'00'

This item has been digitally signed and sealed by, Michael E Driscoll PE,# 43922 on 7-7-22
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

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CONSULTING ENGINEERS
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GAINESVILLE, FL 32606
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COLUMBIA CO , FL DS22-28

DATE: 7-1-22

sheet WL 1