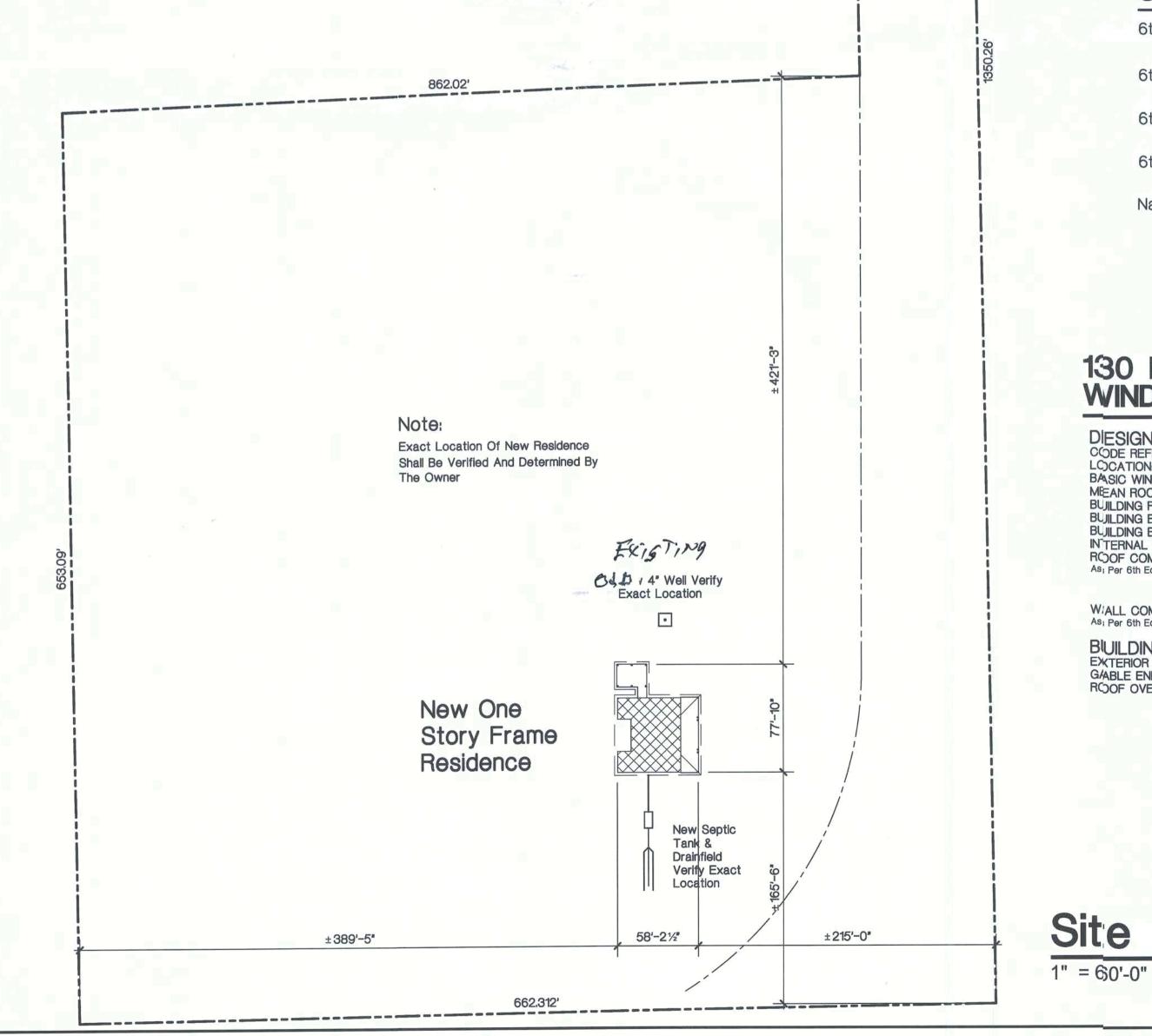
OF

A New Residence For Peter & Rachelle Kolacia

554 Southwest Lime Way - Fort White, Florida



Code Design Criteria:

Roof Live Load

Floor Live Load

= 20 PSF = 40 PSF

Occupancy Classification: Single Family Residential

Code Design Compliance, Residential

6th Edition (2017) Florida Building Code, Residential

6th Edition (2017) Florida Building Code, Plumbing

6th Edition (2017) Florida Building Code, Mechanical

6th Edition (2017) Florida Building Code, Energy Conservation

National Electrical Code, 2014 Edition

130 MPH - ULTIMATE - RISK CAT. II WINDLOAD CALCULATION SUMMARY

DIESIGN CRITERIA DATA: CODE REFERENCE: LC)CATION: BASIC WIND SPEED: MEAN ROOF HEIGHT: BUJILDING RISK CATEGORY: BUJILDING EXPOSURE FACTOR: BUJILDING ENCLOSURE: IN TERNAL PRESSURE COEFFICIENT ROOF COMPONENT AND CLADDING WIND PRESSURE: As: Per 6th Edition, (2017) Florida Building Code, Residential, Table R301.2 (2) +10.0 PSF, -21.0 PSF

WIALL COMPONENT AND CLADDING WIND PRESSURE: As: Per 6th Edition, (2017) Florida Building Code, Residential, Table R301.2 (2) (5) +15.5 PSF, -19.0 PSF

BUILDING DATA: EXTERIOR FRAME WALLS GABLE ENDED ROOF - RESIDENCE RCOOF OVERHANG

6th EDITION (2017) FLORIDA BUILDING CODE, RES. FORT WHITE, FLORIDA 130 MPH - ULTIMATE DESIGN WIND SPEED LESS THAN 30'-0" EXPOSURE B BUILDING IS ENCLOSED (1) +10.0 PSF, -15.0 PSF

(3) +10.0 PSF, -33.0 PSF

(4) +15.5 PSF, -17.0 PSF

RECTANGULAR SHAPED 6 / 12 & 3 / 12

Protection Against Termites

Termite Protection Shall Be Provided By Registered Termiticides, Including Soil Applied Pesticides, Baiting Systems, And Pestbides Applied To Wood, Or Other Approved Methods Of Termite Protection Labeled For Use As A Preventative Treatment For New Construction. A "Certificate Of Compliance" Shall Be Issued To The Building Department Upon Completion Of The Application(s), By The Licensed Pest Control Company That Contains The Following Statement: "The Building Has Received A Complete Treatment For The Prevention Of Subterranean Termites, Treatment Is In Accordance With Rules And Laws Established By The Florida Department Of Agriculture And Consumer Services."

If Soil Treatment Is Used For Subterranean Termites Prevention:

2. Any Soil Area Disturbed After Initial Chemical Soil Treatment Shall Be Retreated With A Chemical Soil Treatment, Including Spaces Boxed Or Formed. 3. The Space In Concrete Floors Boxed Out Or Formed For Subesquent Installation Of Plumbing Traps, Drains Or Any Other Purpose Shall Be Created By Using Plastic Or Metal Permanently Placed Forms Of Sufficient Depth To Eliminate Any Planned Soil Disturbance After Initial Chemical Soil Treatment. 4. Chemically Treated Soil Shall Be Protected With A Minimum 6 Mil Vapor Retarder To Protect Against Rainfall Dilution. If Rainfall Occurs 3efore Vapor Retarder Placement, Retreatment Is Required. Any Work, Including Placement Of Reinforcing Steel, Done After Chemical Treatment Until The Concrete Floor Is Poured, Shall Be Done In Such A Manner As To Avoid Penetrating Or Disturbing Treated Soil.

1. The Initial Chemical Soil Treatment Inside The Foundation Perimeter Shall Be Done After All Excavation, Backfilling And Compaction Is Complete.

5. Any Concrete Overpour Or Mortar Accumulated Along The Exterior Foundation Perimeter Shall Be Removed Prior To Exterior Chemical Soil Treatment To Enhance Vertical Penetration Of The Chemicals.

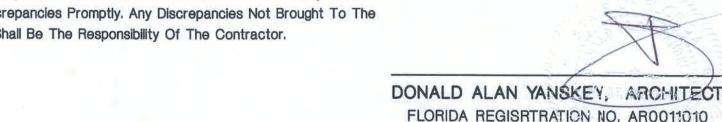
6. Chemical Soil Treatments Shall Also Be Applied Under All Exterior Concrete Or Grade Within 12" (Inches) Of The Primary Structure Sidewalls. Also, A Vertical Chemical Barrier Shall Be Applied Promptly After Construction is Completed, including Initial Landscaping And Irrigation / Sprinkler System Installation. Any Soil Disturbed After The Chemical Vertical Barrier Is Applied Shall Be Retreated.

7. If A Registered Termiticide Is Formulated And Registered As A Bait System Is Used For Subterranean Termite Prevention, Items 1 Thru 6 Do Not Apply; However, A Signed Contract Assuring The Installation, Maintenance And Monitoring Of The Baiting System That Is In Compliance With The Fequirements Of Chapter 482, Florida Statutes, Shall Be Provided To The Bullding Official Prior To The Pouring Of The Concrete Slab, And The System Must Be Installed Prior

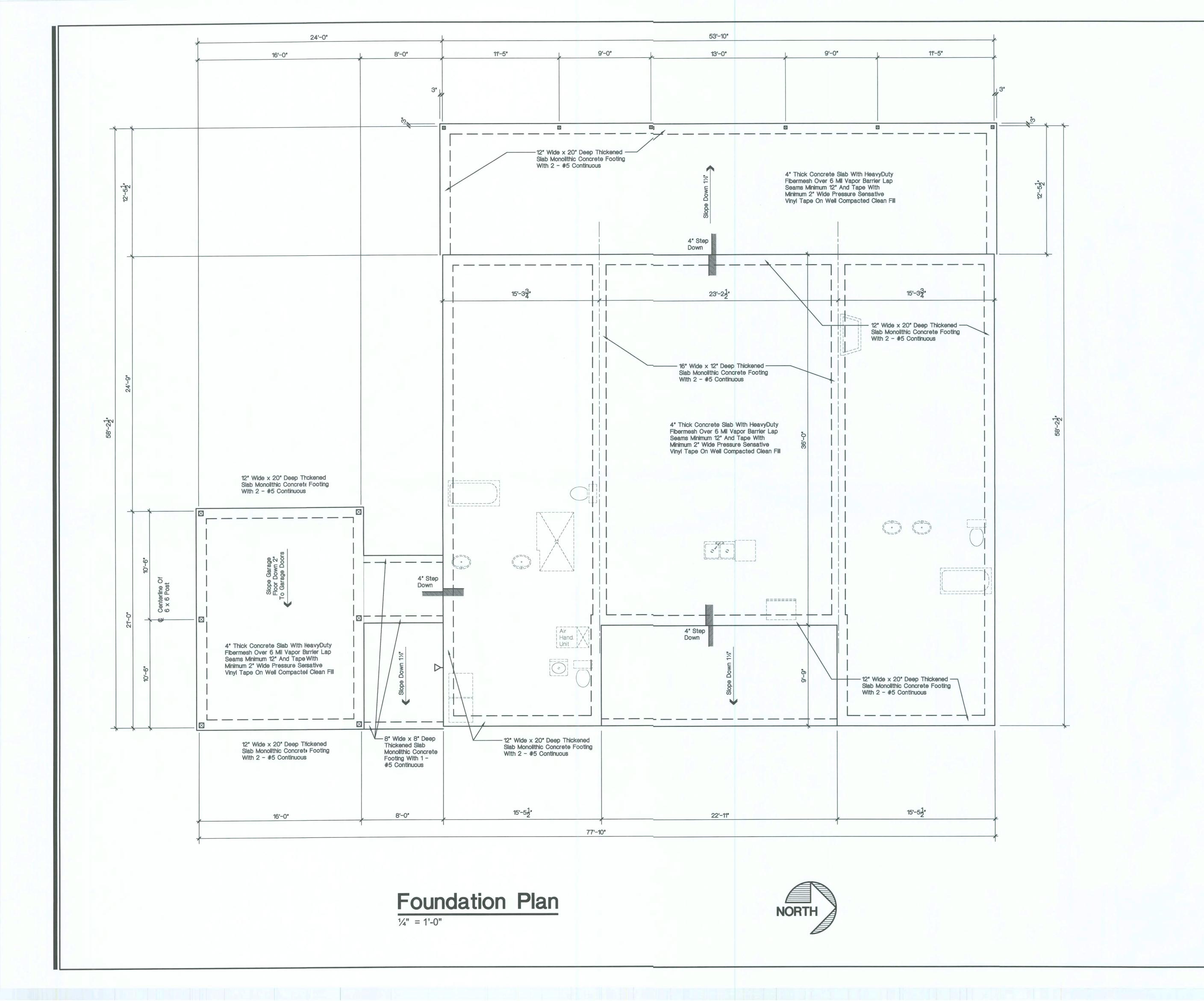
Refer To 6th Edition (2017) Florida Building Code, Chapter 3, Building Planning, Section R318 For Additional Information.

General Notes

- 1. All Work Shall Be In Strict Accordance With The Latest Revisions To The "6th Edition (2017) Florida Building Code, Residential" And All Applicable Codes, Ordinances And Regulations Of Local Governing Authorities.
- 2. Any Discrepancies Between Referenced Standards And The Drawings Shall Be Brought To The Attention Of The Architect In Writing Prior To Commencing The Work. Commencement Of The Work Without Notifying The Architect in Writing Implies The Contractor Takes The Responsibility With All Applicable Codes, Ordinances And Standards.
- 3. All Sub-Grade Under Buildings Shall Be Well Compacted To Achieve A Minimum Bearing Capacity Of 2500 PSF.
- 4. All Concrete Work For Use In Footings Shall Be A Minimum Of 3000 PSI. All Other Locations Shall Have Concrete With A Minimum Strength Of 3000 PSI. All Reinforcing Steel Shall Be Grade 60. All Concrete And Steel Reinforcing Work Shall Be Done in Strict Accordance With A.C.I. - 318 And Its Latest Revisions.
- 5. All Anchor Bolts Shall Conform To ASTM A-307. All Framing Anchors Shall Be Galvanized, Type And Size As Required For Each Specific Load And Installation Application. Provide A 2" Round Or Square Plate Washer At Anchor Bolts For Use To Anchor Wall Bottom Plates To The Concrete Slab.
- 6. Structural Framing Lumber Shall Be Number 2 Southern Yellow Pine, F = 1500 PSI Bending, Or Equal. Wall Framing Lumber Shall Be Number 2 Spruce-Pine-Fir Or Cedar. All Wood Sheathing For Roof & Walls Shall Be For Exterior Uses And Be Minimum 1/2" Thick CDX Plywood. At Roof, Provide "H" Clips Between Trusses. All Finish Wood And Trim Shall Be Selected By The Owner.
- 7. Pre-Fabricated Trusses Shall Be Engineered For Live Loads As Required By The "6th Edition (2017) Florida Building Code, Residential" And Actual Computed Dead Loads, And Shall Be So Certified By An Engineer Registered In The State Of Florida.
- 8. Metal Roofing Shall Be Selected By The Owner And Installed Over Synthetic Underlayment System. Flashing Shall Be Minimum 26 Gauge Galvanized Metal Or Aluminum.
- 9. All Doors And Windows And Their Finishes And Hardware Shall Be Selected By The Owner And Shall Comply With The '6th Edition (2017) Florida Building Code, Residential". All Windows At Sleeping Rooms Shall Comply With The Emergency Egress Code. All Windows Shall Have Insulated Glazings.
- 10. All Finish Materials, Color Schemes And Textures Shall Be Selected By The Owner.
- 11. All Electrical Work Shall Conform To The National Electrical Code, 2014. All Electrical Outlets Shall Be Installed With Tamper Proof Receptacles. Provide For Arc Fault Circuit Interrupter Protection.
- 12. All Telephone Outlet Locations Shall Be Determined By The Owner.
- 13. The Contractor Shall Verify All Dimensions Indicated Herein And Shall Notify The Architect Of Any And All Discrepancies Promptly. Any Discrepancies Not Brought To The Attention Of The Architect, Shall Be The Responsibility Of The Contractor.



DATE: AUGUST 27, 2019



Harvey Building & Constructi Newberry, Florida 352-258-9051

Donald Man Yanskey

ADCHITECT

ADCHINEST 49th Avenue Gainesville, Florida 32605

B NUMBER CHECKED

Kolacia

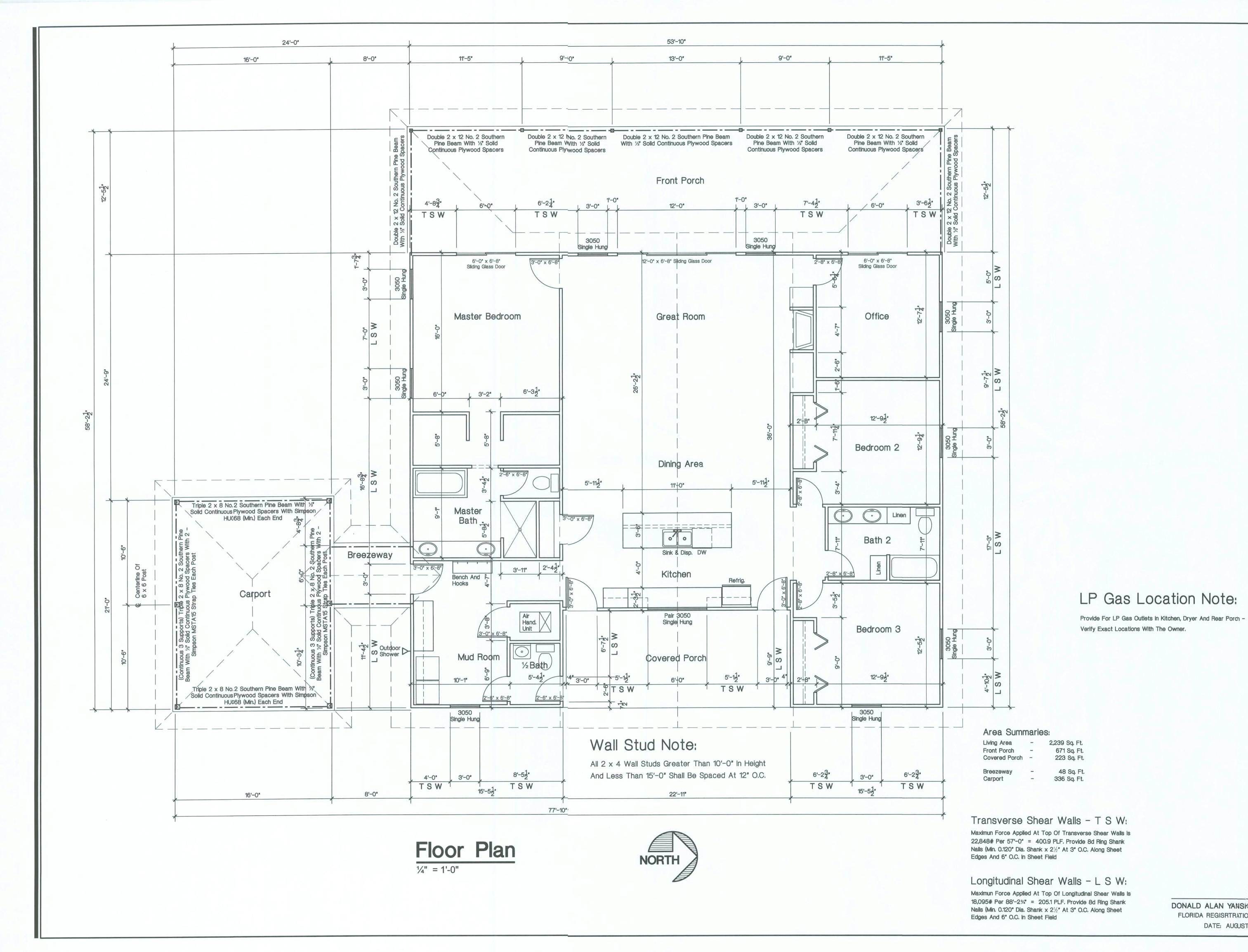
D. A. Y.

B. A. Y.

Southwest Lime Way - Fort White, Florida

DONALD ALAN YANSKEY, ARCHITECT FLORIDA REGISRTRATION NO. AR0011010 DATE: AUGUST 27, 2019 A-2

OF 6

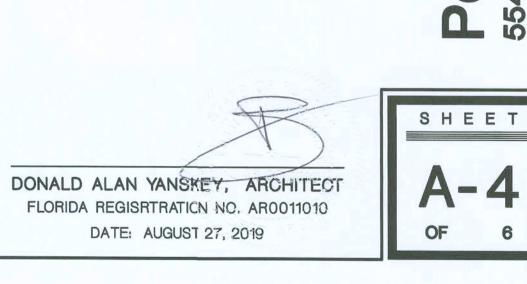


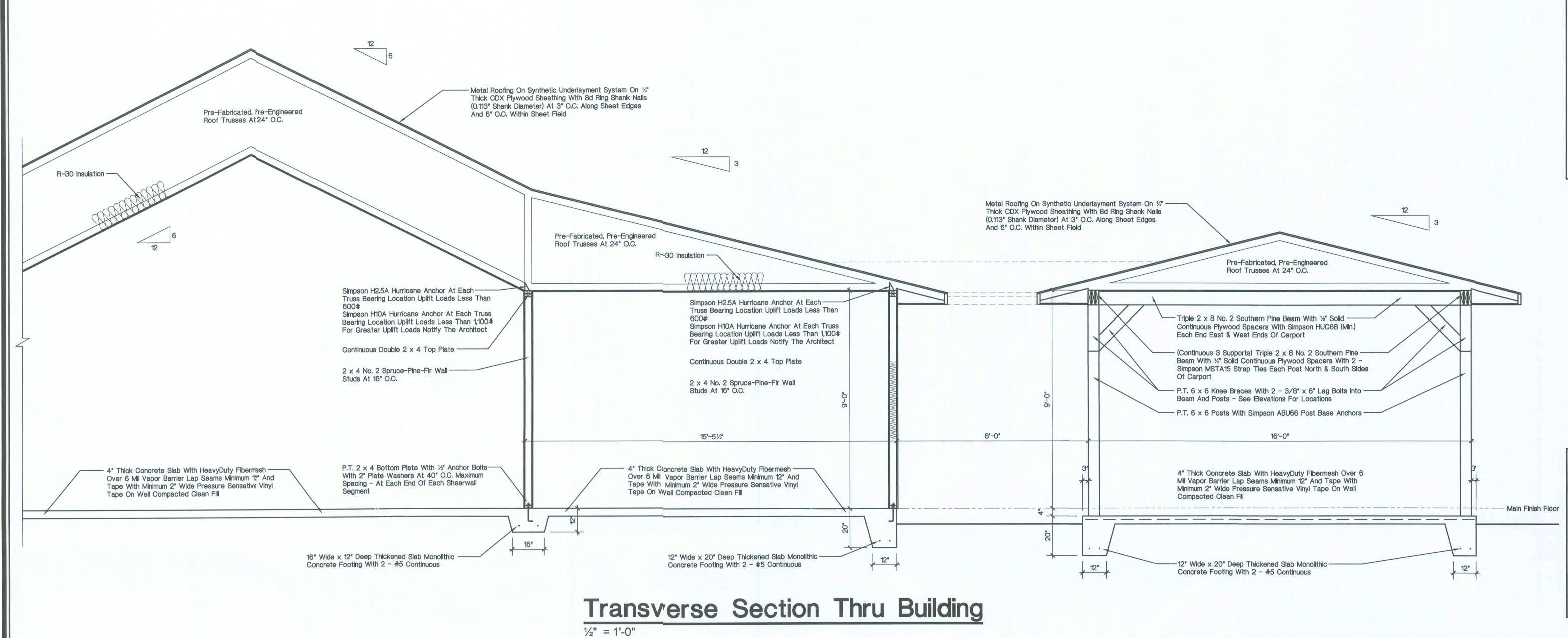
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DONALD ALAN YANSKEY, ARCHITECT FLORIDA REGISRTRATION NO. AROO11010 DATE: AUGUST 27, 2019

SHEET





/2 - 1-0



 $\frac{1}{4}$ " = 1'-0"

Underlayment Roofing Note:

Underlayment Shall Comply With ASTM D 226, Type II Or ASTM D 4869, Type IV Or ASTM D 6757 And Shall Be One Layer Applied In The Following Manner. Underlayment Shall Be Applied Like Shingles, Parallel To And Starting From The Eave And Lapped 2 Inches, Fastened With 1 – Inch Round Plastic Cap, Metal Cap Nails Or Nails And Tin-Tabs Attached To A Nailable Roof Deck With Two Staggered Rows in The Field Of The Sheet With A Maximum Fastener Spacing Of 12 Inches O.C., And One Row At The Overlaps Fastened 6 Inches O.C. Synthetic Underlayment Shall Be Fastened In Accordance With This Note And The Manufacturer's Recommendations. End Laps Shall Be Offset By 6 Feet.

Truss Manufacturer Note:

The Truss Manufacturer SHALL Furnish To The Architect For Review Prior To Fabrication Of The Roof Trusses, A Truss Engineering Package Including But Not Necessarily Limited To Truss Layout PLan, Truss Profile Details With All Loads And Load Combinations And Identifications. The Truss Manufacturer SHALL Email To The Architect The PDF Electronic Files To dayayan85arch@gmail.com.

SHEET

DATE: AUGUST 27, 2019



West Elevation $\frac{1}{4}$ " = 1'-0"

Metal Roofing On Synthetic Underlayment System On ½" Thick CDX Plywood Sheathing With 8d Ring Shank Nalls (0.113" Shank Diameter) At 3" O.C. Along Sheet Edges And 6" O.C. Within Sheet Field

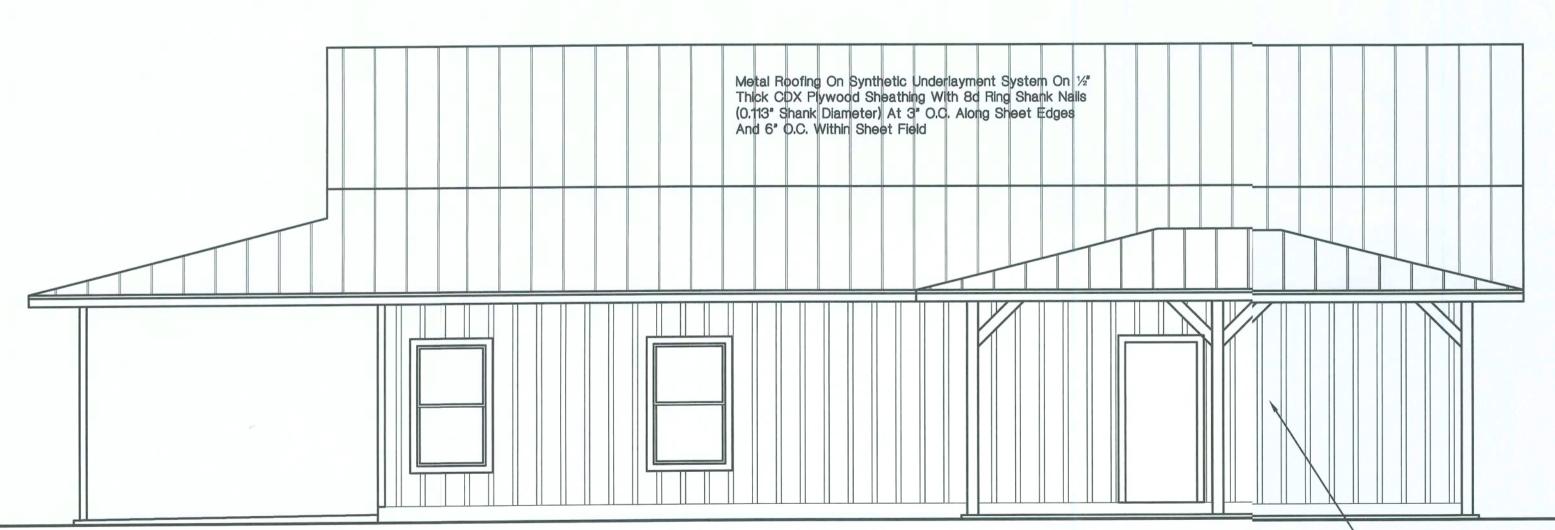
1 x 3 Board On Textured Hardi-Panel Over Moisture Barrier On 7/16" OSB Wall Sheathing (NordBord Windstorm Wall Sheathing Or Equal) - Extend
Wall Sheathing Vertical Or Horizontal From The Bottom Of The Bottom
Plate With Continuous Load Path Up To The Top Of The Double Top Plate Install 2 x 4 Blocking At Horizontal Joint No Less Than 24" From Double Top Plate Or Bottom Plate With 8d Ring Shank (0.113" Shank Diameter) Nails At 3" Along Sheet Edges And 6" O.C. In Sheet Field

North Elevation

1/4" = 1'-0"

The Bottom Plate With Continuous Load Path Up To The Top Of The Double Top Plate Install 2 x 4 Blocking At Horizontal Joint No Less Than 24" From Double Top Plate Or Bottom Plate With 8d Ring

Shank (0.113" Shark Diameter) Nails At 3" Along Sheet Edges And 6" O.C. In Sheet Field



South Elevation $\frac{1}{4}$ " = 1'-0"

- 1 x 3 Board On Textured Hardi-Panel Over Moisture Barrier On 7/16" OSB Wall Sheathing (NordBord Windstorm Wall Sheathing Or Equal) - Extend Wall Sheathing Vertical Or Horizontal From The Bottom Of The Bottom Plate With Continuous Load Path Up To The Top Of The Double Top Plate Install 2 x 4 Blocking At Horizontal Joint No Less Than 24" From Double Top Plate Or Bottom Plate With 8d Ring Shank (0.113" Shank Diameter) Nails At 3" Along Sheet Edges And 6" O.C. In Sheet Field

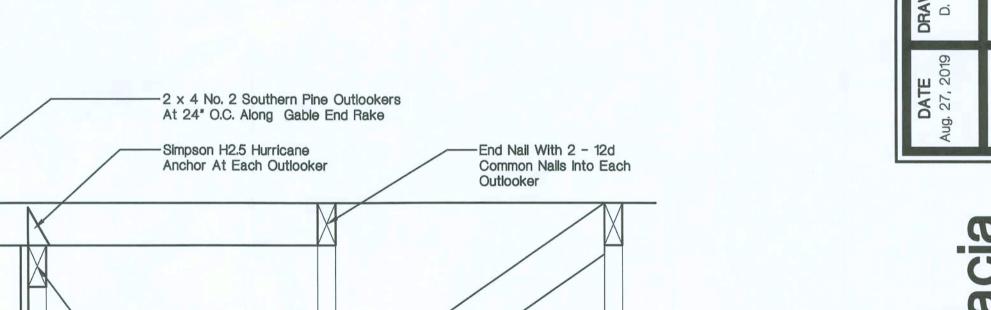
Gable End Bracing Detail

2 x 4 No. 2 Southern Pine Continuous Naller With #12 x 3" Screws At 24" O.C. Thru Truss Bottom Chord And

Into Double Top Wall Plate

1 x" = 1'-0"





Remarks

—Step Down Gable End Truss Overhang -2 x 4 No. 2 Southern Pine Diagonal Gable End Brace At 6'-0" OC. Along Top Of Gable End Wall Approximate, As Close As Possible -Pre-Fabricated, Pre-Engineered Roof Trusses A: 24" O.C. 1 x 3 Board On Textured Hardi-Panel Over Moisture — Barrier On 7/16" OSB Wall Sheathing (NordBord Windstorm Wall Sheathing Or Equal) - Extend Wall Sheathing Vertical Or Horizontal From The Bottom Of The Bottom Plate With Continuous Load Path Up To The Top Of The Double Top Plate Install 2 x 4 Blocking At Horizontal Joint No Less Than 24" From

Opening Header Schedule

Header Size

Double 2 x 8 No. 2 Southern Pine With 1/2" OSB Solid Continuous Spacer Glued And Nailed With

Double 2 x 12 No. 2 Southern Pine With 1/2" OSB Solid Continuous Spacer Glued And Nailed With 10d x 0.128" x 3" Nails In 2 Rows @ 12" O.C. Staggered Each Side With 1 - Simpson MSTA24

Each Side Of Opening With 2 - Header Stud And 2 Full Height Studs Each Side Of Opening, Install

Double 2 x 12 No. 2 Southern Pine With 1/2" OSB Solid Continuous Spacer Glued And Nalled With

10d x 0.128" x 3" Nails In 2 Rows @ 12" O.C. Staggered Each Side With 1 - Simpson MSTA24 Each Side Of Opening With 2 - Header Stud And 2 Full Height Studs Each Side Of Opening. Install

Simpson SPH4R (Centered) Stud Plate Tie Each Side Of Opening

1 - Simpson SPH4R (Centered) Stud Plate Tie Each Side Of Opening

1 - Simpson SPH4R (Centered) Stud Plate Tie Each Side Of Opening

10d x 0.128" x 3" Nalls In 2 Rows @ 12" O.C. Staggered Each Side With 1 - Simpson MSTA15 Each Side Of Opening With 1 - Header Stud And 1 - Full Height Studs Each Side Of Opening. Install 1 -

Opening Width

Up To 3'-0" Opening

Up To 6'-0"

Up To 12'-0"

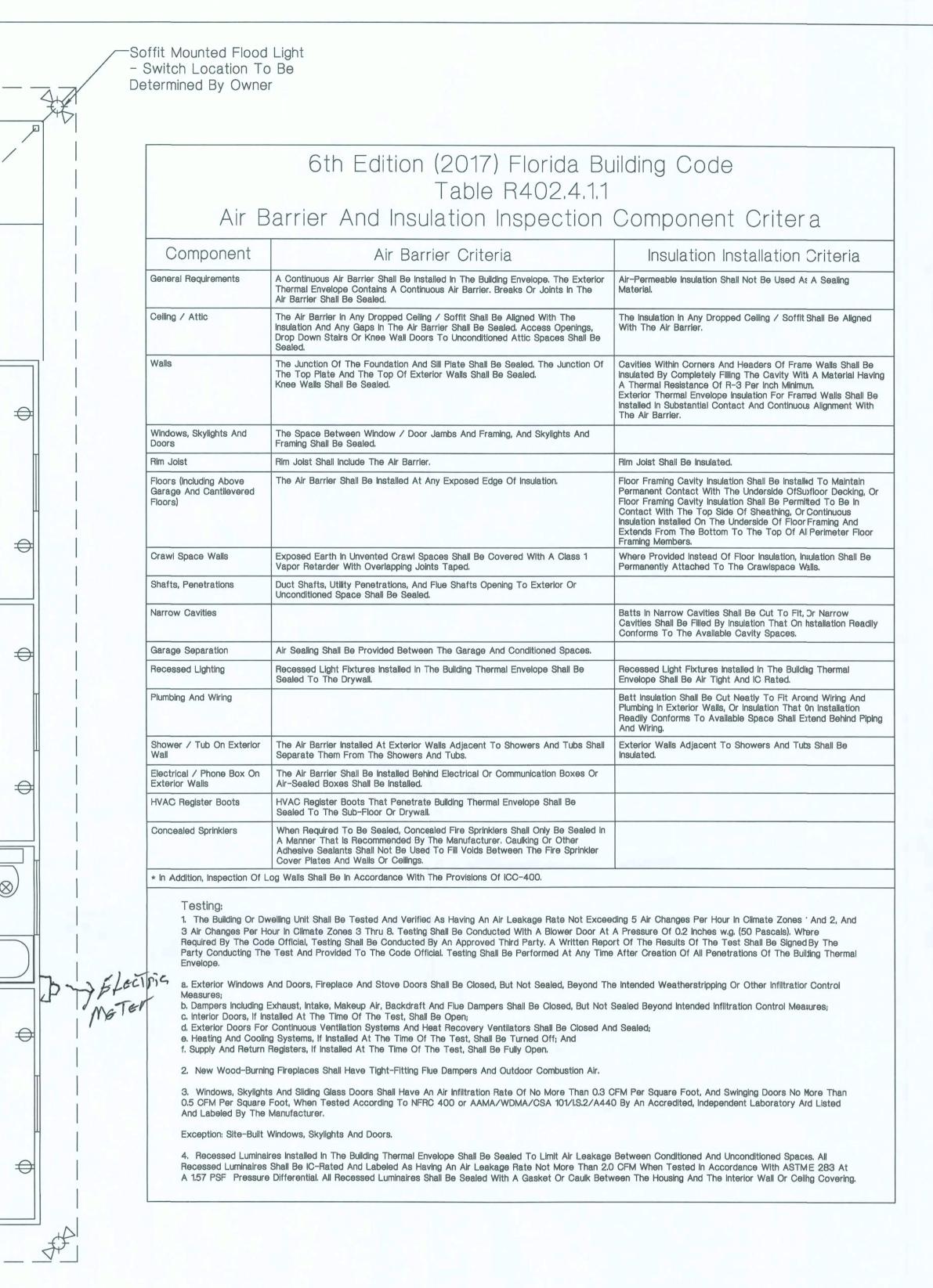
Opening

Double Top Plate Or Bottom Plate With 8d Ring

Shank (0.113" Shank Diameter) Nails At 3" Along

Sheet Edges And 6" O.C. In Sheet Field

Opening



Provide Arc Fault-Protection In Panel Breakers

CLAY ELECTOIC 200 Amp 3 - #4/0 AWG THW Aluminum In 2" Conduit -#4 Clamped To Grounding Rod & Footing Steel Reinforcement Grounding

Electrical Riser No Scale

DONALD ALAN YANSKEY, ARCHITECT FLORIDA REGISRTRATION NO. AR0011010 DATE: AUGUST 27, 2019

Electrical Floor Plan $\frac{1}{4}$ " = 1'-0"

-Disconnect Switches With 110 Volt WP Outlet

Master Bedroom

F----

Breezeway

Electrical Panel

Mud Room

Heat Pumps Or Concrete Pad

Front Porch

Greatt Room

Covered Porch



Office

Bedroom 2

