Protection Against Termites Termite Protection Shall Be Provided By Registered Termiticides, Including Soil Applied Pesticides, Baiting Systems, And Pesticides 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 onald Subterranean Termites. Treatment Is In Accordance With Rules And Laws Established By The Florida Department Of Agriculture And If Soil Treatment Is Used For Subterranean Termites Prevention: 1. The Initial Chemical Soil Treatment Inside The Foundation Perimeter Shall Be Done After All Excavation, Backfilling And Compaction Is Complete. 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 Before 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. 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 Requirements Of

Roof Live Load = 20 PSF

Occupancy Classification: Single Family Residential

Code Design Compliance, Residential

Review for Code Compliance

Universal Engineering Science

2020 Florida Building Code 7th Edition, Residential

2020 Florida Building Code 7th Edition, Energy Conservation

National Electrical Code, 2017 Edition

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

DESIGN CRITERIA DATA: CODE REFERENCE: LOCATION: BASIC WIND SPEED: MEAN ROOF HEIGHT: BUILDING RISK CATEGORY **BUILDING EXPOSURE FACTOR:** BUILDING ENCLOSURE: INTERNAL PRESSURE COEFFICIENT: ROOF COMPONENT AND CLADDING WIND PRESSURE:

BUILDING DATA: EXTERIOR FRAME WALLS GABLE ENDED ROOF - RESIDENCE

ROOF OVERHANG

RECTANGULAR SHAPED

EXPOSURE B BUILDING IS ENCLOSED (1) +10.0 PSF, -15.0 PSF (2) +10.0 PSF, -21.0 PSF (3) +10.0 PSF, -33.0 PSF

HIGH SPRINGS FLORIDA

LESS THAN 30'-0"

WALL COMPONENT AND CLADDING WIND PRESSURE: (5) +15.5 PSF, -19.0 PSF

6 / 12 & 8 / 12

Code Design Criteria

= 40 PSF Floor Live Load

2020 Florida Building Code 7th Edition, Plumbing

2020 Florida Building Code 7th Edition, Mechanical

2020 FLORIDA BUILDING CODE 7th Edition, RES.

130 MPH - ULTIMATE DESIGN WIND SPEED

General Notes

To Final Building Approval.

Consumer Services."

- 1. All Work Shall Be In Strict Accordance With The Latest Revisions To The 2020 Florida Building Code 7th Edition, 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
- 2 Spruce-Pine-Fir Or Cedar. All Wood Sheathing For Roof & Walls Shall Be As Indicated On Sections And Details And Other Locations On The Drawings. At Roof, Provide "H" Clips Between Trusses. All Finish Wood And Trim Shall Be Selected By The Owner.

6. Structural Framing Lumber Shall Be Number 2 Southern Yellow Pine, F = 1500 PSI Bending, Or Equal. Wall Framing Lumber Shall Be Number

Actual Computed Dead Loads, And Shall Be So Certified By An Engineer Registered In The State Of Florida. 8. Roofing Shall Be As Noted On The Drawings And Selected By The Owner And Installed Over Synthetic Underlayment System. Flashing

7. Pre-Fabricated Trusses Shall Be Engineered For Live Loads As Required By The 2020 Florida Building Code 7th Edition, Residential And

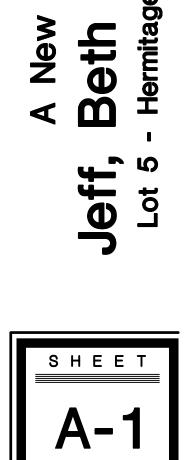
- 9. All Doors And Windows And Their Finishes And Hardware Shall Be Selected By The Owner And Shall Comply With The 2020 Florida Building Code 7th Edition, Residential. All Windows At Sleeping Rooms Shall Comply With The Emergency Egress Code. All Windows Shall Have
- 10. All Finish Materials, Color Schemes And Textures Shall Be Selected By The Owner.
- 11. All Electrical Work Shall Conform To The National Electrical Code, 2017. 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.

Shall Be Minimum 26 Gauge Galvanized Metal Or Aluminum.

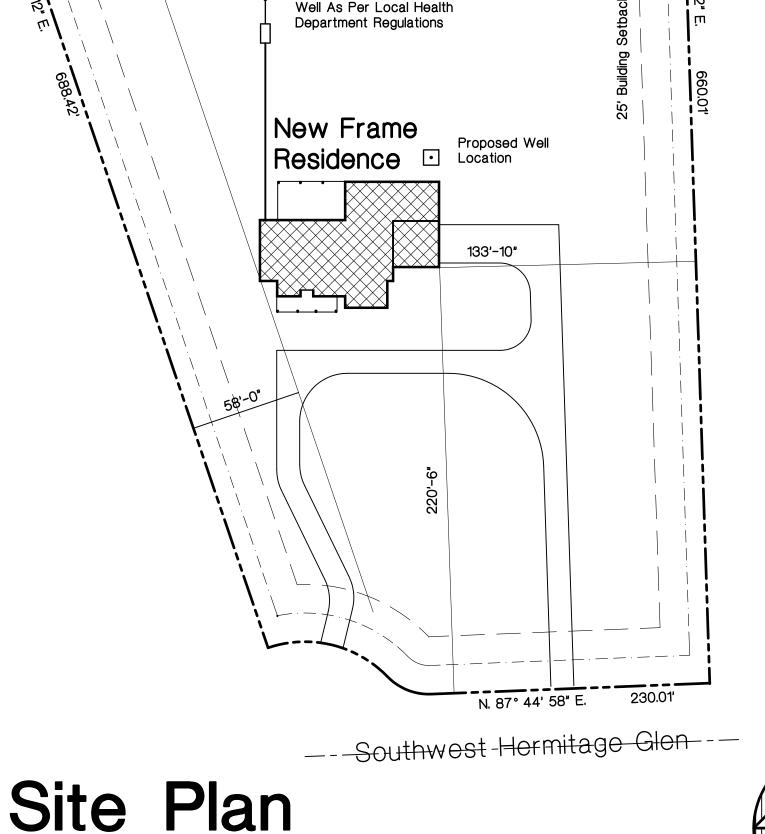
13. The Contractor Shall Verify All Dimensions Indicated Herein And Shall Notify The Architect Of Any And All Discrepancies Promptly. Any Discrepancies Not Brought To The Attention Of The Architect, Shall Be The Responsibility Of The Contractor.

OF FLO DONALD ★ YANSKEY CERTIFICATE 0011010

DONALD ALAN YANSKEY, ARCHITECT FLORIDA REGISRTRATION NO. AR0011010 DATE: OCTOBER 10, 2023



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1" = 50'-0"

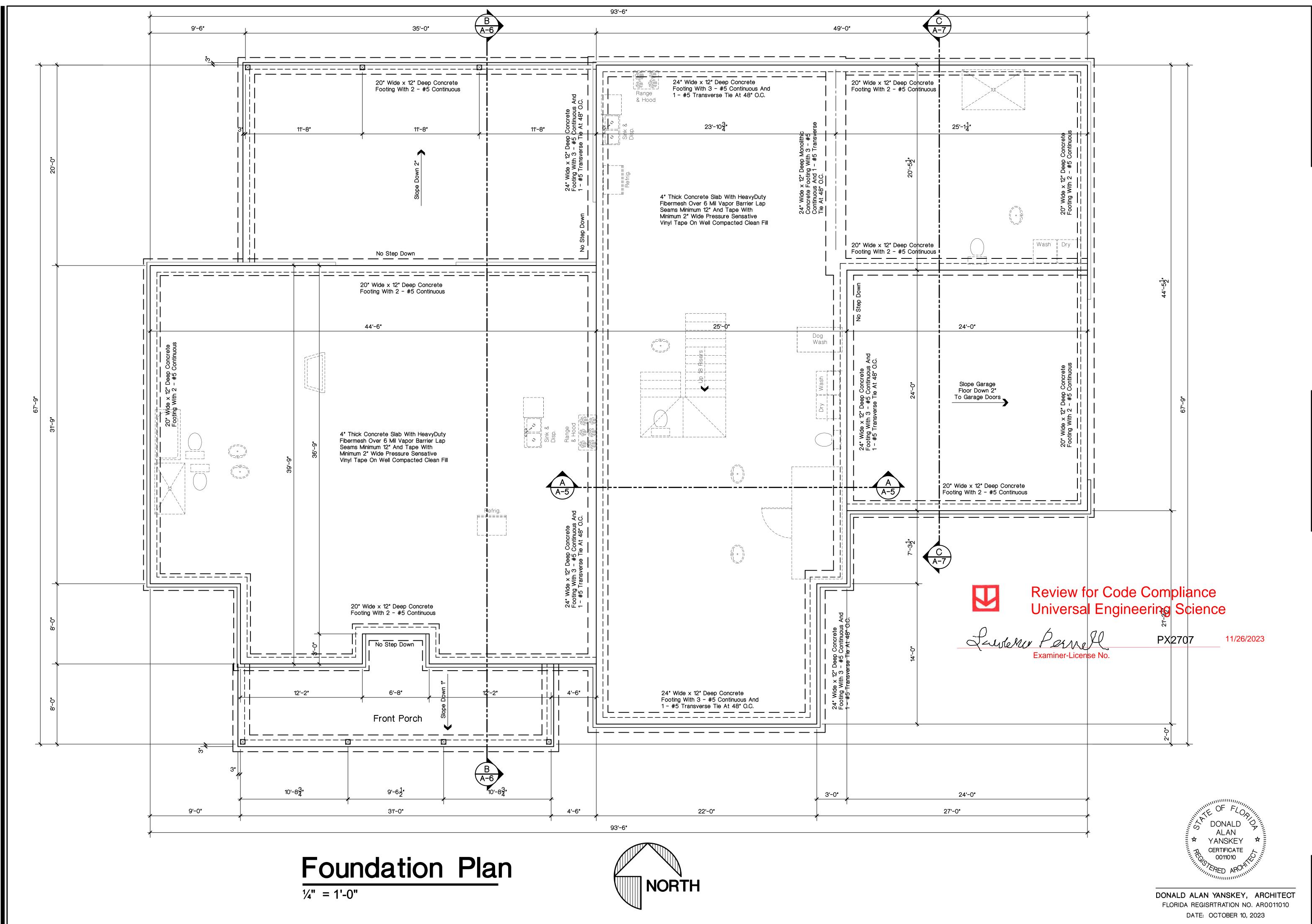
Exact Location Of New Residence

The Owner

Shall Be Verified And Determined By

Septic Tank & Drainfield Location Coordinate With

25' Building Setback



EVISED

M Donald Alan Yang

ADCHITE

2421 Northwest 49th Avenue Gainesville, Floride

DATE DRAWN BY REVISED
Oct. 10, 2023
D. A. Y.

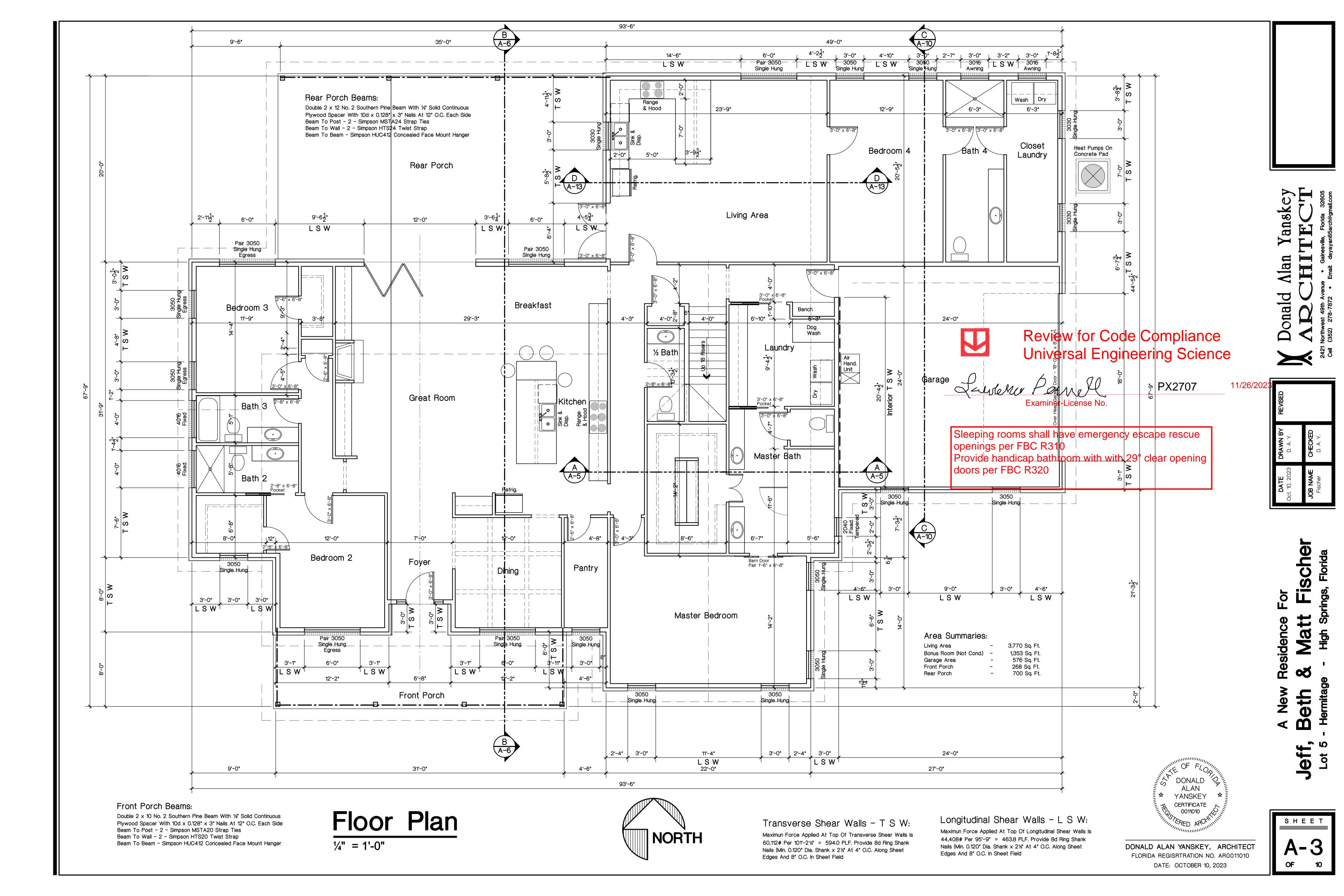
JOB NAME CHECKED
Fischer
D. A. Y.

A New Residence For Stf, Beth & Matt Fischer of 5 - Hermitage - High Springs Florida

S H E E T

A-2

OF 10



The Air Barrier In Any Dropped Ceiling / Soffit Shall Be Aligned With The The Insulation In Any Dropped Ceiling / Soffit Shall Be Aligned Ceiling / Attic Insulation And Any Gaps In The Air Barrier Shall Be Sealed. Access Openings, Drop Down Stairs Or Knee Wall Doors To Unconditioned Attic Spaces Shall Be The Junction Of The Foundation And Sill Plate Shall Be Sealed. The Junction Of Cavities Within Corners And Headers Of Frame Walls Shall Be Insulated By Completely Filling The Cavity With A Material Having A Thermal Resistance Of R-3 Per Inch Minimum. The Top Plate And The Top Of Exterior Walls Shall Be Sealed. Knee Walls Shall Be Sealed. Exterior Thermal Envelope Insulation For Framed Walls Shall Be Installed In Substantial Contact And Continuous Alignment With The Air Barrier. Windows, Skylights And The Space Between Window / Door Jambs And Framing, And Skylights And raming Shall Be Sealed. Rim Joist Shall Include The Air Barrier. Rim Joist Shall Be Insulated. Rim Joist The Air Barrier Shall Be Installed At Any Exposed Edge Of Insulation. Floor Framing Cavity Insulation Shall Be Installed To Maintain Floors (Including Above Permanent Contact With The Underside OfSubfloor Decking, Or Garage And Cantilevered Floor Framing Cavity Insulation Shall Be Permitted To Be In Floors) Contact With The Top Side Of Sheathing, Or Continuous Insulation Installed On The Underside Of Floor Framing And Extends From The Bottom To The Top Of All Perimeter Floor Framing Members. Crawl Space Walls Exposed Earth In Unvented Crawl Spaces Shall Be Covered With A Class 1 Where Provided Instead Of Floor Insulation, Insulation Shall Be Vapor Retarder With Overlapping Joints Taped. Permanently Attached To The Crawlspace Walls. Duct Shafts, Utility Penetrations, And Flue Shafts Opening To Exterior Or Shafts, Penetrations Unconditioned Space Shall Be Sealed. Batts In Narrow Cavities Shall Be Cut To Fit, Or Narrow Narrow Cavities Cavities Shall Be Filled By Insulation That On Installation Readily Conforms To The Available Cavity Spaces. Garage Separation Air Sealing Shall Be Provided Between The Garage And Conditioned Spaces.

Recessed Light Fixtures Installed In The Building Thermal

Batt Insulation Shall Be Cut Neatly To Fit Around Wiring And Plumbing In Exterior Walls, Or Insulation That On Installation Readily Conforms To Available Space Shall Extend Behind Piping

Envelope Shall Be Air Tight And IC Rated.

And Wiring.

The Air Barrier Installed At Exterior Walls Adjacent To Showers And Tubs Shall | Exterior Walls Adjacent To Showers And Tubs Shall Be

Cover Plates And Walls Or Ceilings.

* In Addition, Inspection Of Log Walls Shall Be In Accordance With The Provisions Of ICC-400.

Air-Sealed Boxes Shall Be Installed.

Sealed To The Sub-Floor Or Drywall.

Separate Them From The Showers And Tubs.

Sealed To The Drywall.

Testing

Recessed Lighting

Plumbing And Wiring

Exterior Walls

Electrical / Phone Box On

HVAC Register Boots

Concealed Sprinklers

Component

General Requirements

- 1. The Building Or Dwelling Unit Shall Be Tested And Verified As Having An Air Leakage Rate Not Exceeding 5 Air Changes Per Hour In Climate Zones 1 And 2, And 3 Air Changes Per Hour In Climate Zones 3 Thru 8. Testing Shall Be Conducted With A Blower Door At A Pressure Of 0.2 Inches w.g. (50 Pascals). Where Required By The Code Official, Testing Shall Be Conducted By An Approved Third Party. A Written Report Of The Results Of The Test Shall Be Signed By The Party Conducting The Test And Provided To The Code Official. Testing Shall Be Performed At Any Time After Creation Of All Penetrations Of The Building Thermal
- a. Exterior Windows And Doors, Fireplace And Stove Doors Shall Be Closed, But Not Sealed, Beyond The Intended Weatherstripping Or Other Infiltration Control
- b. Dampers Including Exhaust, Intake, Makeup Air, Backdraft And Flue Dampers Shall Be Closed, But Not Sealed Beyond Intended Infiltration Control Measures; c. Interior Doors, If Installed At The Time Of The Test, Shall Be Open;
- d. Exterior Doors For Continuous Ventilation Systems And Heat Recovery Ventilators Shall Be Closed And Sealed; e. Heating And Cooling Systems, If Installed At The Time Of The Test, Shall Be Turned Off; And

Recessed Light Fixtures Installed In The Building Thermal Envelope Shall Be

The Air Barrier Shall Be Installed Behind Electrical Or Communication Boxes Or

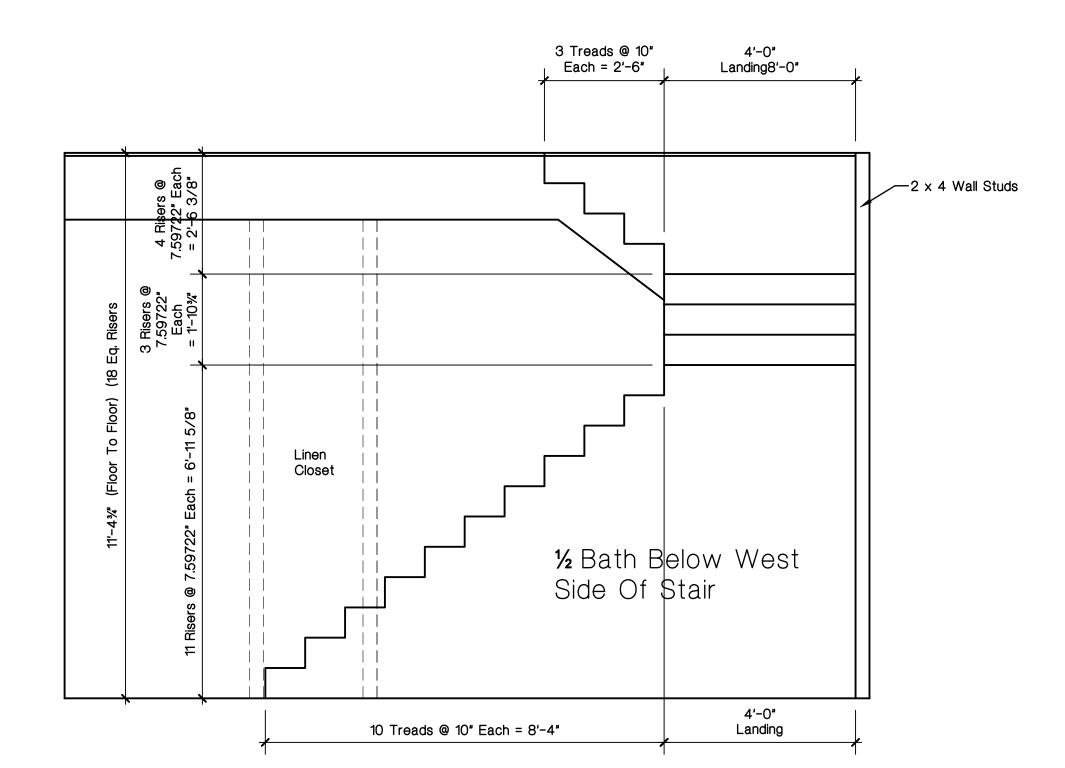
When Required To Be Sealed, Concealed Fire Sprinklers Shall Only Be Sealed In

A Manner That Is Recommended By The Manufacturer. Caulking Or Other Adhesive Sealants Shall Not Be Used To Fill Voids Between The Fire Sprinkler

HVAC Register Boots That Penetrate Building Thermal Envelope Shall Be

- f. Supply And Return Registers, If Installed At The Time Of The Test, Shall Be Fully Open.
- 2. New Wood-Burning Fireplaces Shall Have Tight-Fitting Flue Dampers And Outdoor Combustion Air.
- 3. Windows, Skylights And Sliding Glass Doors Shall Have An Air Infiltration Rate Of No More Than 0.3 CFM Per Square Foot, And Swinging Doors No More Than 0.5 CFM Per Square Foot, When Tested According To NFRC 400 or AAMA/WDMA/CSA 101/I.S.2/A440 By An Accredited, Independent Laboratory And Listed And Labeled By The Manufacturer.
- Exception: Site-Built Windows, Skylights And Doors.
- 4. Recessed Luminaires Installed In The Building Thermal Envelope Shall Be Sealed To Limit Air Leakage Between Conditioned And Unconditioned Spaces. All Recessed Luminaires Shall Be IC-Rated And Labeled As Having An Air Leakage Rate Not More Than 2.0 CFM When Tested In Accordance With ASTM E 283 At A 1.57 PSF Pressure Differential. All Recessed Luminaires Shall Be Sealed With A Gasket Or Caulk Between The Housing And The Interior Wall Or Ceiling Covering.

Opening Header Schedule		
Opening Width	Header Size	Remarks
Up To 3'-0" Opening	Double 2 x 8 No. 2 Southern Pine With ½" 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 MSTA15 Each Side Of Opening With 1 - Header Stud And 1 - Full Height Studs Each Side Of Opening. Install 1 - Simpson SPH6R (Centered) Stud Plate Tie Each Side Of Opening	Provide Spacers As required For 2 x 6 Walls.
Up To 5'-0" Opening	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 1 - Header Stud And 2 Full Height Studs Each Side Of Opening. Install 1 - Simpson SPH6R (Centered) Stud Plate Tie Each Side Of Opening	Provide Spacers As required For 2 x 6 Walls.
Up To 6'-0" Opening	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 1 - Header Stud And 2 Full Height Studs Each Side Of Opening. Install 1 - Simpson SPH6R (Centered) Stud Plate Tie Each Side Of Opening	Provide Spacers As required For 2 x 6 Walls.
Up To 12'-0" Opening	2 Ply 13/4" x 11 7/8" 2.0E Microllam LVL Header Glued And Nailed With 10d x 0.128" x 3" Nails In 2 Rows @ 12" O.C. Staggered Each Side With 3 - Simpson MSTA24 Each Side Of Opening With 2 - Header Studs And 3 Full Height Studs Each Side Of Opening. Install 3 - Simpson SPH6R (Centered) Stud Plate Tie Each Side Of Opening.	Provide Spacers As required For 2 x 6 Walls.
18'-0" Garage Door Opening	2 Ply 13/4" x 11 7/8" 2.0E Microllam LVL Header Glued And Nailed With 10d x 0.128" x 3" Nails In 2 Rows @ 12" O.C. Staggered Each Side With 3 - Simpson MSTA24 Each Side Of Opening With 2 - Header Studs And 3 Full Height Studs Each Side Of Opening. Install 3 - Simpson SPH6R (Centered) Stud Plate Tie Each Side Of Opening.	Provide Spacers As required For 2 x 6 Walls.



Stair Profile Detail 1/2" = 1'-0"

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Review for Code Compliance
Universal Engineering Science

Examiner-License No.

PX2707

11/26/2023

Bonus Room Floor Plan

22'-0**"**

Pair 3050

Single Hung

Bonus Room

4'-0"

Bonus Room

9'-1"

1/4" = 1'-0"



Stairs winder treads per R311.7.5.2



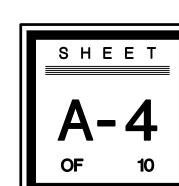
DONALD ALAN YANSKEY, ARCHITECT FLORIDA REGISRTRATION NO. AR0011010 DATE: OCTOBER 10, 2023 Donald Man Yanskey

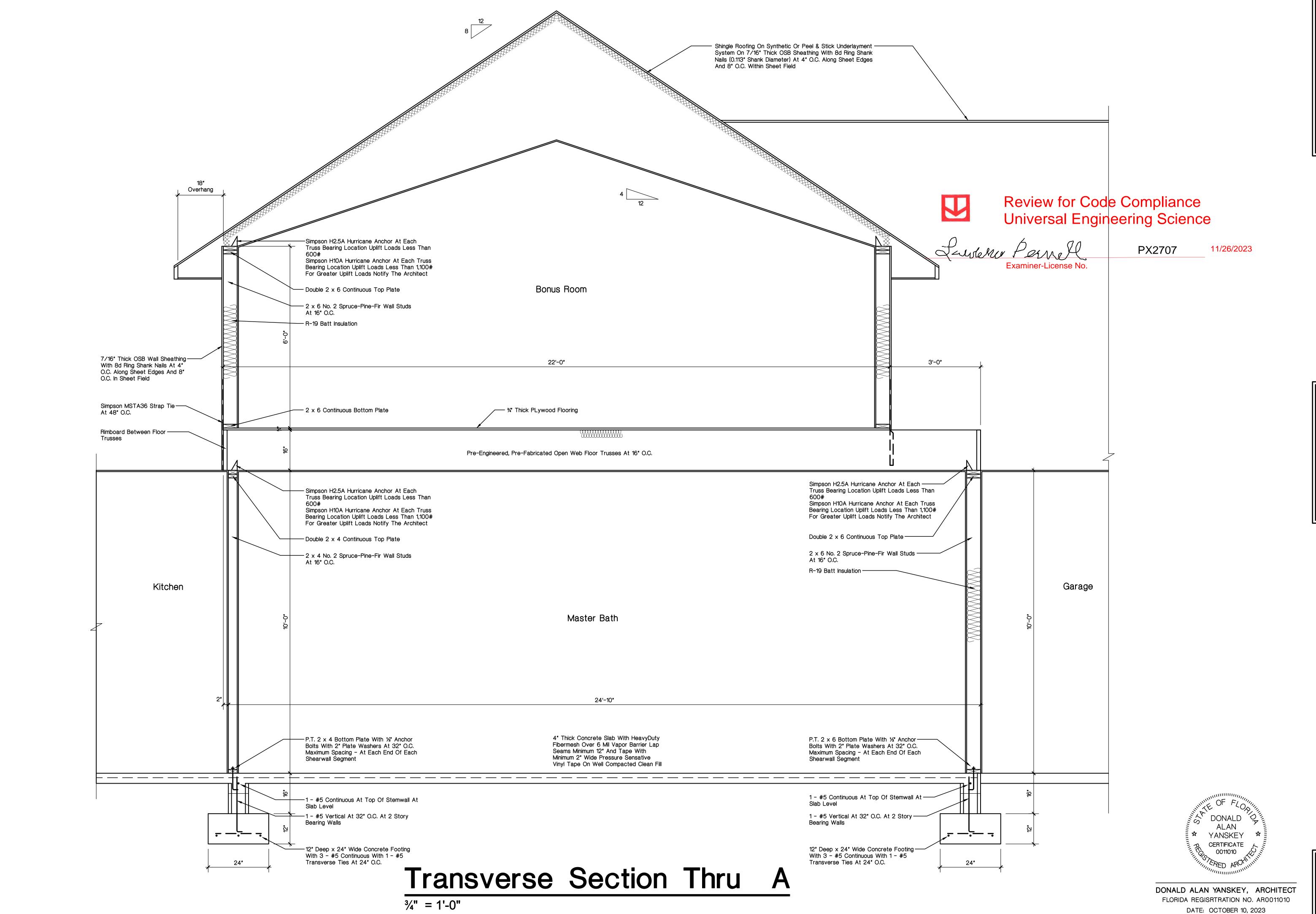
ADCHITECT

2421 Northwest 49th Avenue Gainesville, Florida 32605

DATE DRAWN BY REVISED
Oct. 10, 2023 D. A. Y.

JOB NAME CHECKED
Fischer D. A. Y.





M Donald Man Yanskey

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2421 Northwest 49th Avenue Gainesville, Florida 32605

DATE DRAWN BY REVISED
Oct. 10, 2023
D. A. Y.

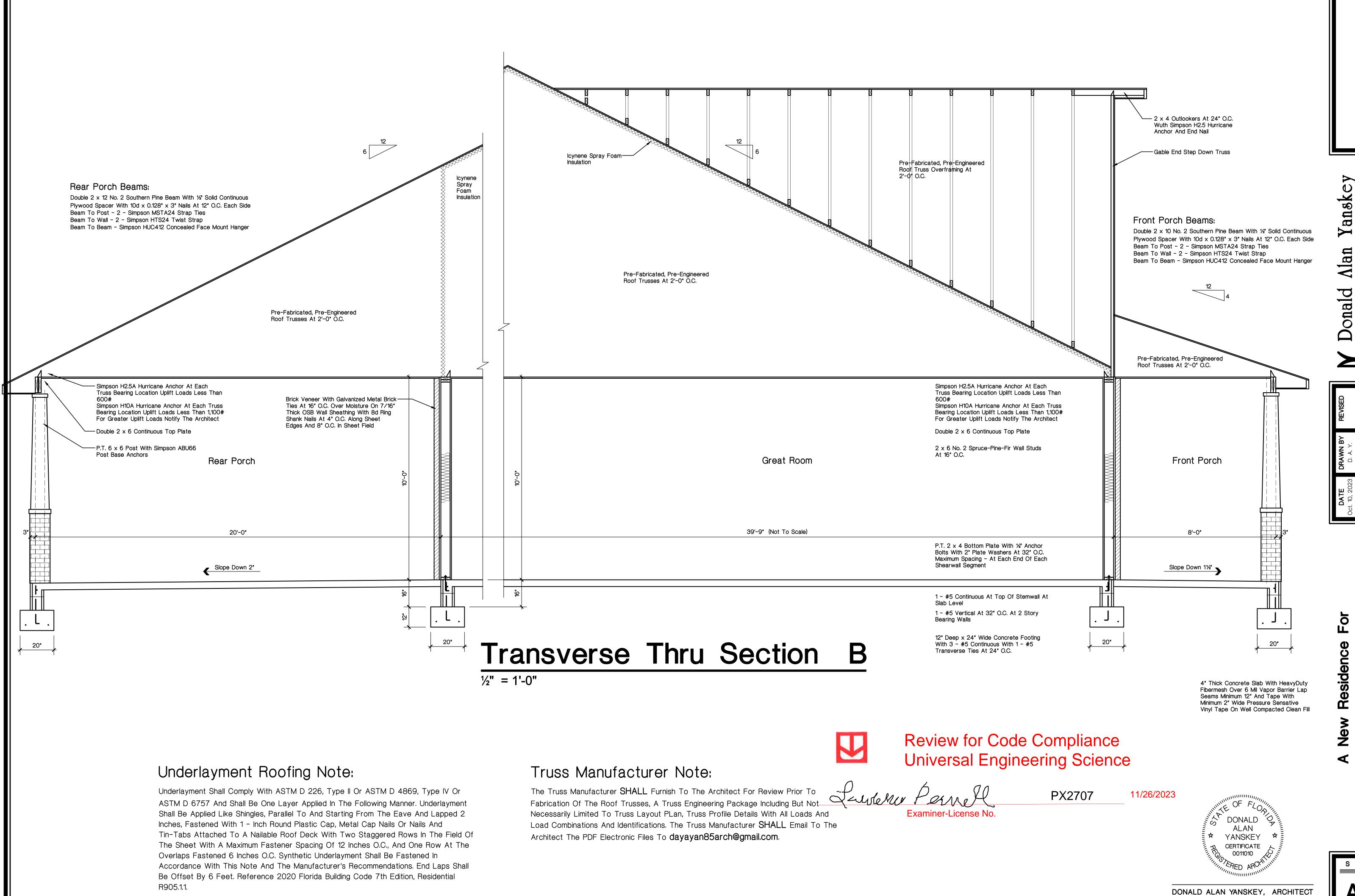
JOB NAME CHECKED
Fischer
D. A. Y.

A New Residence For Stf, Beth & Matt Fischer

S H E E T

A-5

OF 10

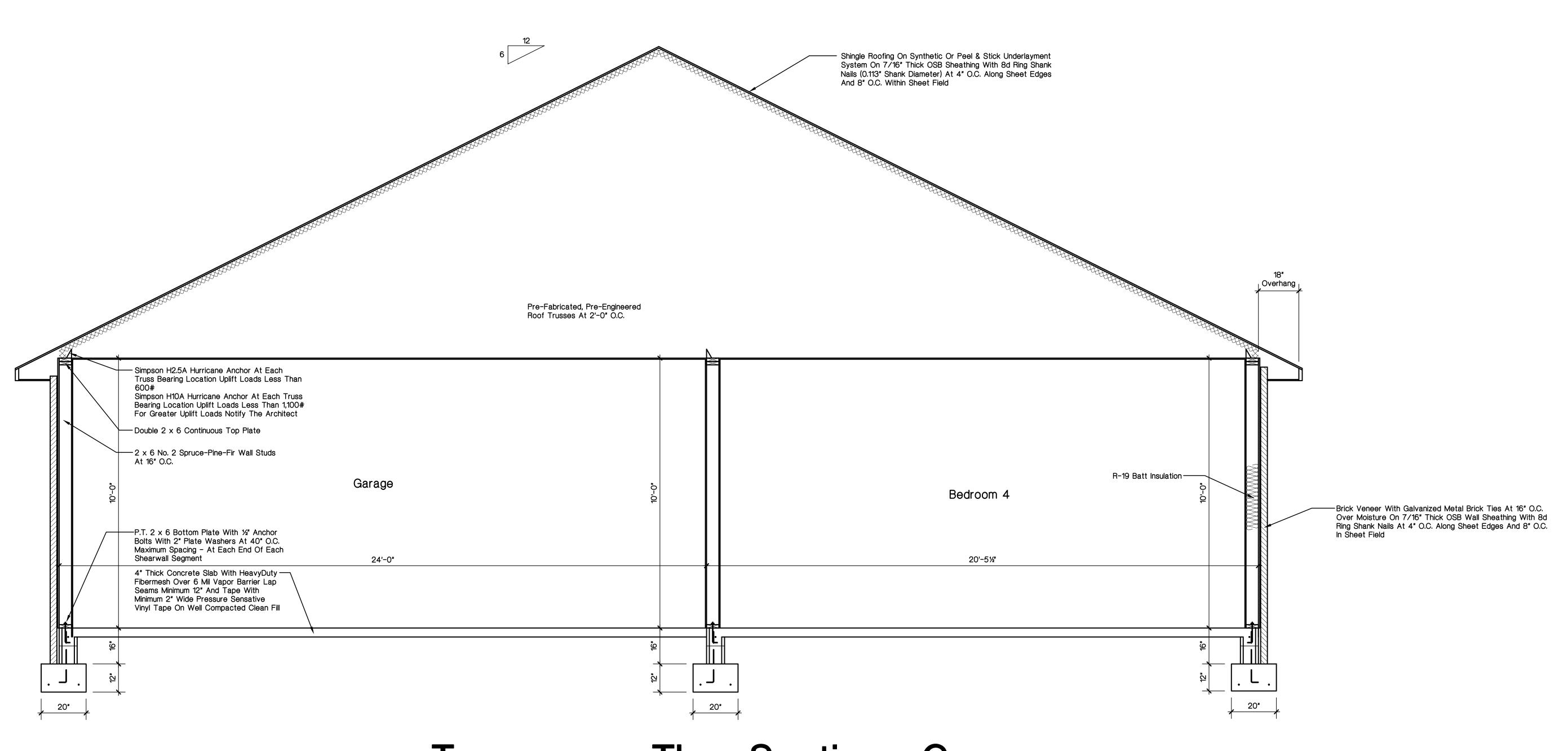


FLORIDA REGISRTRATION NO. AR0011010 DATE: OCTOBER 10, 2023

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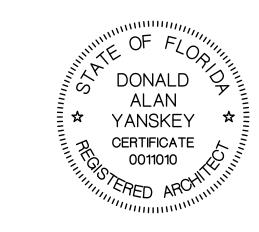


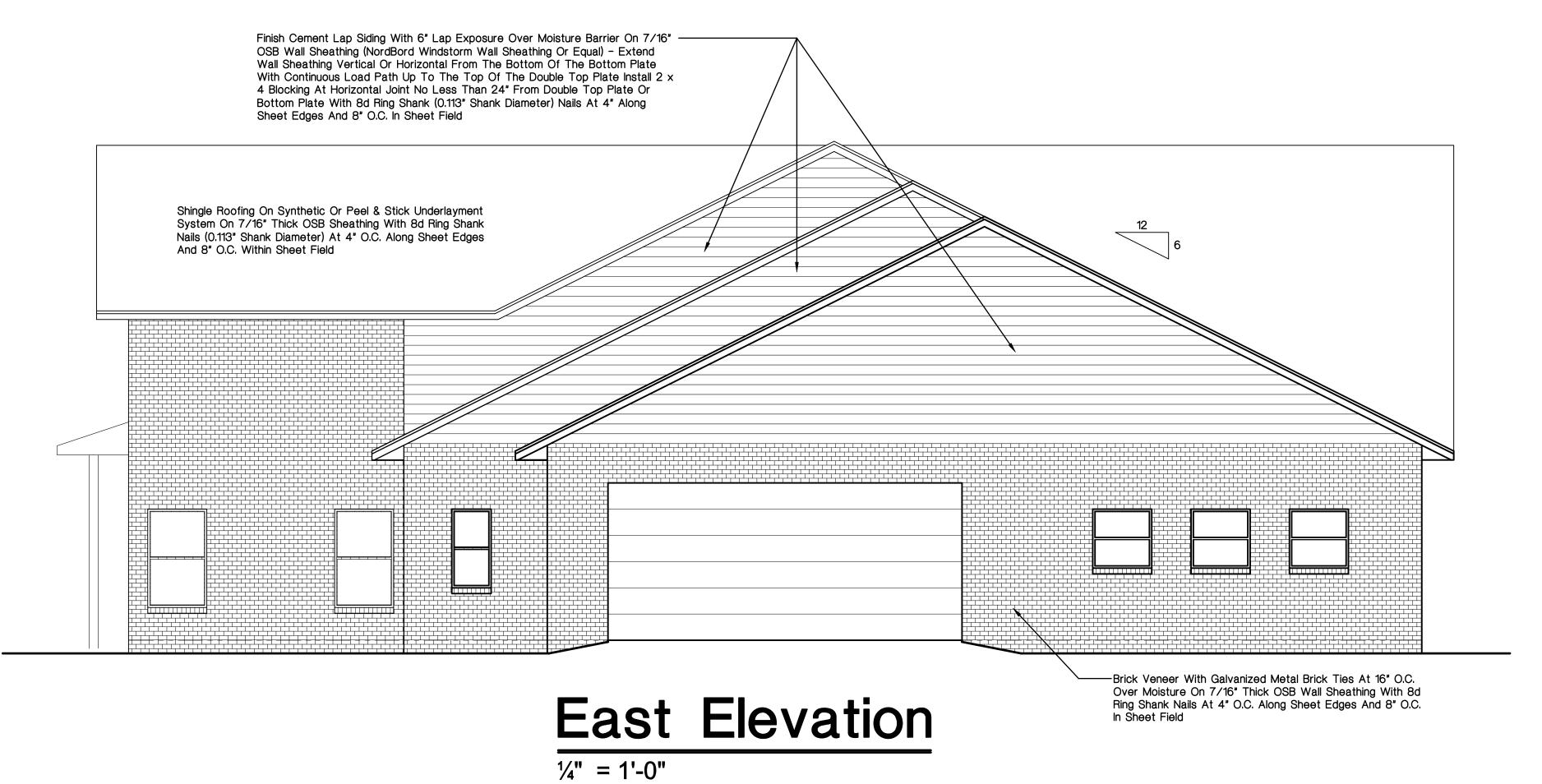
Transverse Thru Section C 1/2" = 1'-0"

Review for Code Compliance
Universal Engineering Science

11/26/2023

Examineral icense No.





Review for Code Compliance
Universal Engineering Science

Examiner-License No.

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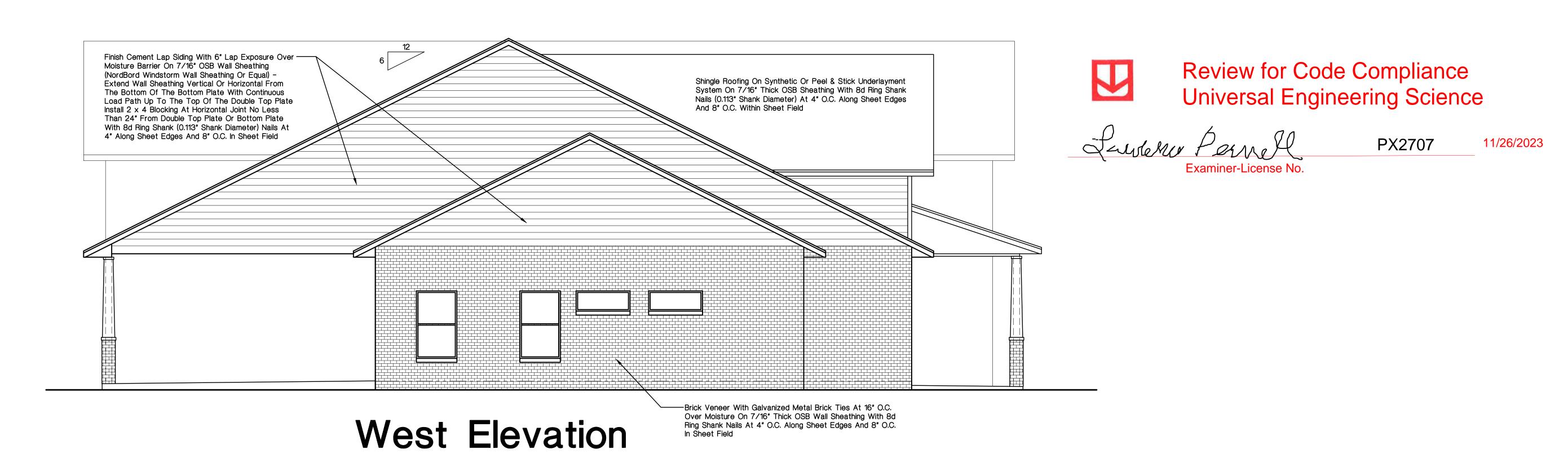
11/26/2023

DONALD ALAN YANSKEY, ARCHITECT FLORIDA REGISRTRATION NO. AR0011010 DATE: OCTOBER 10, 2023 Jeff, Beth & Matt Fischer

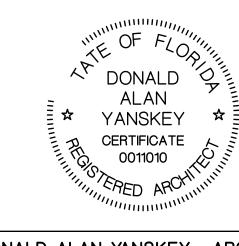
Yanskey

Alan

Donald



1/4" = 1'-0"



DONALD ALAN YANSKEY, ARCHITECT FLORIDA REGISRTRATION NO. AR0011010 DATE: OCTOBER 10, 2023 Donald Man Yanske

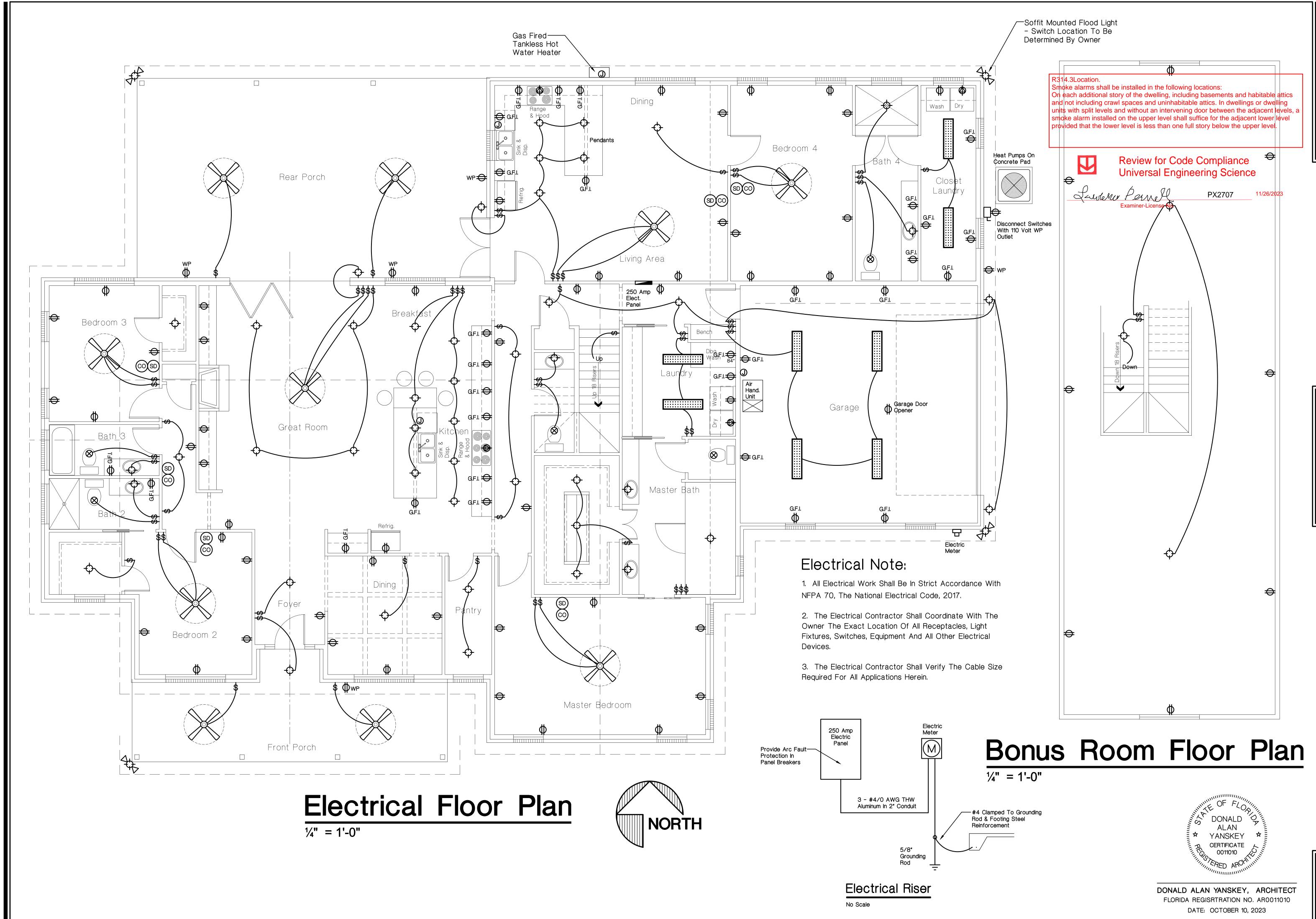
ADCHITECT

2421 Northwest 49th Avenue Gainesville, Florida 32609

For DATE DR. Oct. 10, 2023 C. JOB NAME CH. Fischer C. Fischer C. Fischer C. C. Fischer C

A New Jeff, Beth Lot 5 - Hermitag

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Oonald Man Yanskey

NDCHITECT

Thinest 49th Avenue Gainesville, Florida 32605

DATE DRAWN BY REVISED
ct. 10, 2023
D. A. Y.

JOB NAME CHECKED
Fischer
D. A. Y.

f, Beth & Matt Fischer

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