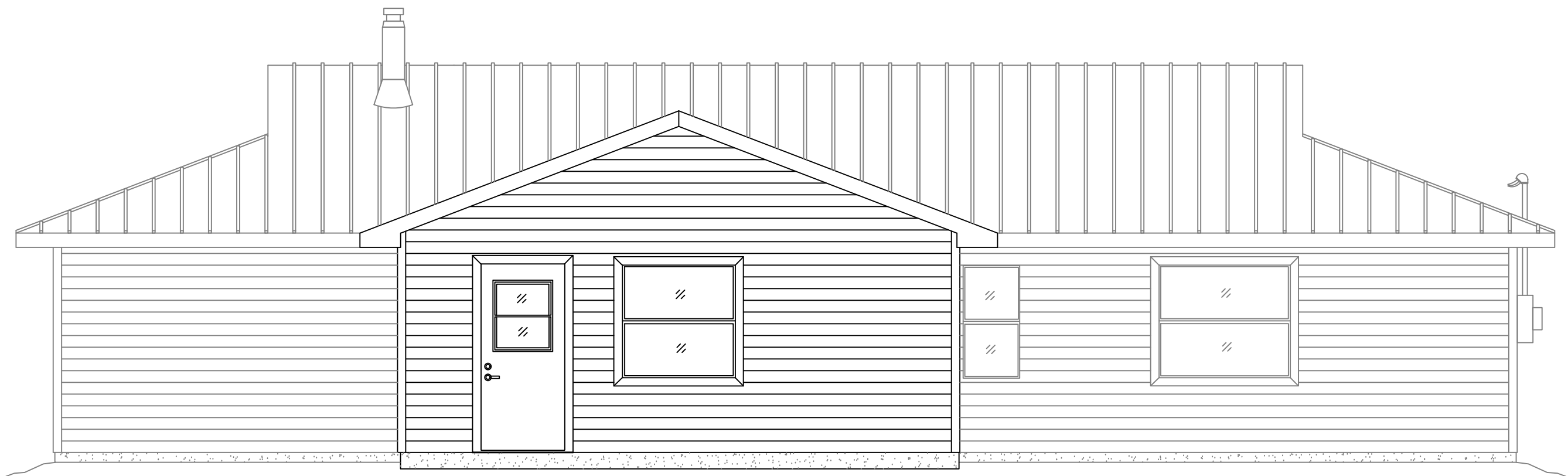




REAR ELEVATION  
EXISTING 1/4"=1'-0"



REAR ELEVATION  
PROPOSED 1/4"=1'-0"

SAMPLE  
NOT FOR BIDS  
OR CONSTRUCTION

GENERAL STATEMENT OF WORK

The owners would like to remove and replace the existing "aluminum" room addition and build a new "wood frame" addition that is the same size. The new room will be constructed on the existing concrete slab (plus one foot added to the rear). New foundations will be required as shown on this plan.

ENGINEERING NOTES

1.) These plans are certified to be designed in accordance with the 2023 Florida Building Code, Residential; and the 2023 Florida Building Code, Building; and ASCE 7-16, and ASCE 7-22 using an ultimate wind load 3 second gust velocity" as follows:

| DESIGN CRITERIA                                                            | DESIGN LOADS                                   |
|----------------------------------------------------------------------------|------------------------------------------------|
| Wind Speed = 150 MPH (3 sec. gust)                                         | Soil Bearing Pressure = 2,000 psf (see below)  |
| Risk Category = II, (2)                                                    | Floor loads – live load 40 psf                 |
| Exposure Category = B                                                      | Roof Trusses (Minimum design loads)            |
| Enclosure Category. = enclosed                                             | Top Cord: live load= 20 psf, dead load= 15 psf |
| Internal pres. coef. + 0.18 &- 0.18                                        | Bottom Cord dead load = 10 psf                 |
| ULT / ASD Load Equivalents                                                 |                                                |
| 150 mph "ultimate" = 116 mph "allowable" (nominal)                         | FBC TABLES R301.2.1.3 & 1609.3.1               |
| Design Pressures = DP(ult) x 0.60 = DP(asd)                                | FBC SECTIONS R301.2.1.3 & 1609.3.1             |
| VELOCITY PRESSURE = $q_z = 0.00256 K_z K_{zt} K_d V^2 = 34.27 \text{ PSF}$ |                                                |
| at mean roof height less than 30 feet.                                     |                                                |

This Engineering Design is for resisting wind loads on this particular project to be built on this specific site and cannot be used for any other buildings or structures.

2.) FOUNDATIONS AND SOIL  
The existing room addition was built on a concrete slab without foundations. Our investigation of the existing soil conditions under the perimeter revealed lose sand to a depth of approximately 3'8" below the existing slab. The proposed addition will require underpinning with new pier foundations as shown on these plans. The new pier foundations have been designed for an allowable soil bearing pressure of 2000 PSF. The soil beneath all foundations shall be compacted. Use a 6x6 timber compaction ram to pound and compact each pier foundation. Soil Compaction testing is not required.

This plan assumes virgin soil under the construction area plus 5 feet beyond. Prior to pouring any concrete, The contractor shall verify that no septic tanks, drain fields, or buried debris are located under the addition area.

The new pier foundations shall be "dug by hand". no backhoe or other equipment shall be used. Pier foundations shall be dug to a minimum depth of 3'8" inches beneath the existing slab with the pier foundations being a minimum of 24" x 24" x 12" reinforced concrete as described below.

3.) CONCRETE MATERIALS and PLACEMENT  
All concrete shall have a minimum "28 day" compressive strength of 3000 psi (4000 psi recommended) and can be "ready mix" or "quikrete" poured at a maximum slump of 5 inches. The new 8"x12" slab extension shall have two #5 bars in the center and 16" long #5 dowels spaced at 24" o.c. drilled and epoxied 8" into existing concrete using "Simpson" SET-3G (or equal) in accordance with the manufacturers specs.

4.) REINFORCING STEEL and PLACEMENT  
The pier foundations shall have three #5 bars each way in bottom. The pier columns shall have two #5 vertical bars and one 5/8" threaded rod (see wall section). Reinforcing steel (rebar) shall have a minimum yield strength of 60 KSI (Grade 60). All reinforcing steel shall have a minimum exterior concrete cover of 3". All reinforcing steel shall be tied and held secure in place to resist movement when the concrete is poured.

5.) NEW PIER COLUMNS  
The new pier columns shall be 12" x 12" concrete columns. Column block may be used or the columns may be "formed and poured", or 14" sono tubes may be used. Pour with the same concrete mix describe above in note #3. If 12" column block is used, it shall have a "net area" compressive strength of 1900 psi (min.) constructed using type M or S mortar meeting ACI Code 530-08 & 530.1-08 and ASTM C 90-08.

6.) EXTERIOR FRAME WALLS  
The minimum stud lumber shall be 2x6 SPF studs @ 16" on center. Nail studs to the top and bottom plates with two (2)-16d common nails. The end walls bearing trusses shall have a triple top plate as shown in the details. The rear wall may have a double or triple top plate. All exterior wall studs must be connected (or strapped) at the top and bottom to resist hurricane loads. Use Simpson SP6 connectors on 2x6 walls. Interlock top plates at corners with (4)-16d common nails, and stagger joints in top plates 48" (minimum).

Wall Sheathing – Exterior frame walls shall be sheathed with 1/2" (15/32) CDX plywood nailed with 8d galvanized common nails as follows.

|                       |           |
|-----------------------|-----------|
| Top & bottom edges    | - 4" o.c. |
| Side edges            | - 4" o.c. |
| Intermediate supports | - 8" o.c. |

NOTE: See General notes for Lap Siding.

7.) 4X6 WOOD COLUMNS  
At each foundation pier location wood posts are required in the side walls. Use 4x6 posts or triple 2x6 studs nailed together with two rows of 16d nails @ 12" spacing. The posts shall be connected to the piers below using "Simpson" HD3B or HD5B hold down anchors attached to threaded rods drilled through the existing slab and embedded in the pier columns.

8.) UPLIFT CONNECTORS

Use the following galvanized truss straps (or equal connectors) to resist the truss uplift loads categorized below or use these as an example. Use connector strengths and nailing requirements in accordance with the manufacturers' recommendations.

Roof Trusses on Wood Frame walls:

- a.) Up to 400 lbs uplift – One "Simpson" H1 truss connector with 6 @ 8d x 1-1/2" galvanized nails in truss & 4 @ 8d (full length nails) in top plates or beam)
- b.) Up to 1015 lbs uplift – One "Simpson" H10A truss connector with 18 @ 10d x1½"galvanized nails (9 in truss & 9 in top plates or beam)
- c.) Up to 2030 lbs uplift – Two "Simpson" H10A truss connectors with (one on each side of wall) with 18 @ 10d x1½" galvanized nails (9 in truss & 9 in top plates or beam) in each connector.

RELEASE/REVISION

SAMPLE  
NOT FOR BIDS  
OR CONSTRUCTION

PROFESSIONAL ENGINEER  
DAVID L. BRYANT  
STATE LICENSE PE-038154  
4280 DOW ROAD, SUITE 108  
MELBOURNE, FLORIDA 32934  
(321) 254-7913

CUSTOM ADDITION DESIGN FOR:  
NEW CLIENT  
XXXX MAIN STREET  
CITY NAME, FLORIDA 329XX

HOME LOCATION PLAN  
AND STRUCTURAL NOTES

DRAWN MJS  
DATE 06/16/26  
CHECKED DLB  
SCALE  
JOB NO.  
SHEET  
1  
OF 5 SHEETS

ENGINEERING NOTES CONTINUED...

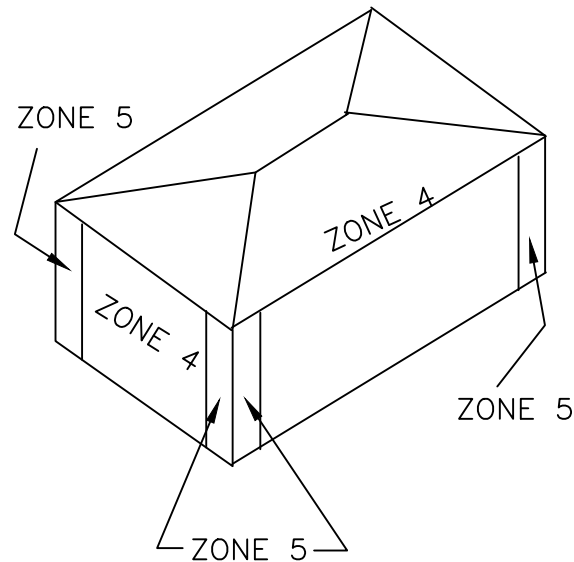
9.) DESIGN LOAD PRESSURES FOR WINDOWS AND DOORS: The table below is based on "ASD" (ALLOWABLE STRESS DESIGN) FBC 1609.1.5, and assumes that the windows and doors have been tested in accordance with CHAPTER 17 of the 2023 FBC and that the appropriate safety factor has been incorporated into their published load ratings. This engineering design is based on this building being an "enclosed" structure, therefore; All windows, sliding glass doors, and glass panels in doors shall be "impact resistant" meeting the minimum requirements of the 2023 Florida Building Code (section 1609) for impact resistance or shall have "code compliant" protective shutters installed over the openings. All windows, sliding glass doors, and entry doors, shall be designed and certified by the manufacturer to resist minimum design wind pressures as shown below.

DESIGN PRESSURES for windows and doors

END ZONE AREAS (within 48" of corners) = ZONE 5

The pressures are tabulated by category for this residence. Positive pressures are pushing inward on the window/door; and negative pressures are pushing outward on the window/door.

| "ALLOWABLE" WIND PRESSURES FOR COMPONENTS, CLADDING, DOORS, & WINDOWS<br>WIND = 150 MPH – EXPOSURE B – MRH=<30' (POUNDS PER SQUARE FOOT) |                            |          |                               |          |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------|-------------------------------|----------|
| EFFECTIVE WIND AREA (SQ.FT.)                                                                                                             | ZONE 4 (Away from corners) |          | ZONE 5 (Within 4' of corners) |          |
|                                                                                                                                          | POSITIVE                   | NEGATIVE | POSITIVE                      | NEGATIVE |
| 0–19                                                                                                                                     | 23.2                       | –25.2    | 23.2                          | –30.3    |
| 20–49                                                                                                                                    | 21.7                       | –23.8    | 21.7                          | –27.4    |
| 50–99                                                                                                                                    | 20.7                       | –22.7    | 20.7                          | –25.2    |



10.) TESTING & LABELING

All exterior windows and doors shall be tested and each product type certified to meet Florida Building Code FBC R 301.2.1.1, and the design pressures specified above, including attachment to the main structure. ALL GLAZED OPENINGS SHALL MEET THE REQUIREMENTS OF THE LARGE MISSILE TEST unless they are covered with "code compliant" protective shutters. All testing shall be in accordance with the testing provisions outlined in the 2023 Florida Building Code. Product certification shall be provided to the Building Department by an independent testing laboratory meeting the qualifications outlined in the 2023 Florida Building Code. The product certification shall include the minimum installation details (including fasteners and their spacing) required to resist the total force on the window when the design wind pressures are applied to the total area of the window. All Windows and glass doors shall bear an AAMA or WDMA or other approved label identifying the manufacturer, model or model number, performance characteristics, and approved product evaluation entity to indicate compliance with the requirements of ASTM E 1300, ANSI/AAMA/MWWDA 101/IS 2.

11.) CLADDING and COMPONENTS

Siding, roofing, soffits, and all other cladding and components shall be fastened in strict accordance with the manufacture specifications to resist the wind loads & categories stated in Note #1 (this includes decorative attachments). Contractors must make these manufacturers provide certifications that their product and fastener details meet or exceed the requirements of the 2023 Florida Building Code for this wind zone. The minimum design pressures are the same as used for windows and doors (see Note #9 on this sheet).

12.) CONVENTIONAL ROOF FRAMING for VALLEY CONSTRUCTION, MISC. FILL IN, OR OTHER

Where conventional roof framing is used to "fill-in" at valley framing or other locations, the framing members shall be installed at 24" on center (max.). Ridge beams shall be the same size or larger than rafters, and rafter sizes shall be as follows:

Use 2x4 rafters to 6' length, 2x6 rafters to 8' length, 2x8 rafters to 11' length, 2x10 rafters to 13' length, and 2x12 rafters to 16' length. Nail each end with 3 @ 12d gun nails. AND –

On all members over 48" long – Install HURRICANE STRAPS in addition to the nails.

Strap "rafter to rafter" across the ridge beam using "Simpson" LSTA18 (or MSTA18) straps with 14 @ 10d x 1½" galvanized nails.

Attach base of rafters (and both ends of all other miscellaneous framing members) to resist uplift forces equal to 50 lbs. multiplied by the overall rafter/member length. i.e – An 11' long rafter/member requires straps (at each end) rated for 550 lbs.

13.) ROOF TRUSSES

The roof structure consists of pre-engineered trusses placed 24" o.c. The trusses shall be designed and engineered for the wind loads & categories stated in Note #1, by a "truss system" engineer in accordance with the "2023 Florida Building Code". Final truss engineering shall include a signed & sealed truss system layout as well as individual drawings for each truss type. Truss drawings shall include wind design information, vertical and horizontal reactions, uplift forces on all trusses, all truss bracing requirements, and specify all girder loads.

14.) ROOF SHEATHING

ROOF SHEATHING – The roof rafters shall be sheathed with 19/32" (4 PLY) CDX plywood (min.) and nailed with 8d (2 ½") galvanized common "ring-shank" nails at 4" o.c. everywhere within 5'-0" of all roof edges and ridgelines and 3" o.c. within 5'0" of all corners. All other areas can be nailed at 6" on center (staples are not allowed). Install aluminum clips between horizontal plywood joints or "gap" the joint 1/8" (min.).

15.) ROOFING MATERIALS and INSTALLATION

The Roofing material manufacturer shall provide product certification showing that the roofing materials and their installation comply with all requirements of the 2023 Florida Building Code for the wind loads & categories stated in Note #1 (exposure B) and with all sections of Chapter 15. And be labeled by the manufacturer showing the manufacturers name, model, or type of product, and ASTM product approval information. The Building Contractor shall verify that the Roofing sub-contractor has a copy of these sections of the code. These sections are summarized below:

a.) All roofing components shall be rated for 150 mph (exposure B) wind loads in accordance with the 2023 Florida Building Code, and be labeled by the manufacturer showing the manufacturers name, model, or type of product, and ASTM product approval information.

b.) Self-adhering polymer modified bitumen sheet complying with the requirements of the manufacturers' product approval sheet, and ASTM/D 1970. Installed in accordance with the manufacturers spec's and the 2023 Florida Building Code, Chapter 15, BUT NOT LESS THAN 2" headlaps & 19" endlaps with Nails every 12" o.c. along edges, and 24" o.c. everywhere else. (offset successive endlaps 6'0" minimum)

c.) Button Cap Nails shall be used to hold all underlayment in place every 6" o.c along edges, ends, and at overlaps, and 12" o.c in staggered rows everywhere else. All roofing materials shall be corrosion resistant.

d.) Metal roofing shall comply and be installed in accordance with manufacturers specifications and their product affidavit sheet for 150 mph (exposure B) "116 mph allowable" in accordance with the 2023 Florida Building Code. MATCH EXISTING ROOFING.

GENERAL NOTES

1.) DOORS & WINDOWS

All windows and exterior doors shall meet all the provisions of the 2023 Florida Building Code including the wind load and impact criteria specified in the Engineering notes on sheet 1, and this sheet. Coordinate window styles with owner. Coordinate "rough" openings in new frame walls with window and door manufacturers prior to construction.

2.) HVAC

The HVAC contractor shall perform an energy evaluation of the existing HVAC system to determine its ability to condition the new addition. All HVAC work shall be designed in accordance with the 2023 Florida Building Code and good practices. All ductwork shall be sealed and tested for leaks prior to final All primary main ducts shall be "rigid" ducts. Secondary ducts may be "flexduct" with sweeping radius All ductwork shall be well supported, exceeding industry standards. All duct "air velocities" shall be calculated and held at acceptable levels to avoid noise.

3.) INSULATION

These are "minimum" requirements. Coordinate with owner for additional insulation requirements. All exterior walls, and the ceilings shall be insulated. Exterior frame walls shall have (R=19) Batt insulation between all studs. The attic shall have (R=30) batt or spray insulation. All wall insulation shall be continuous from floor to ceiling.

4.) INTERIOR FINISHES

All interior walls and the interior of frame walls shall have 1/2" drywall. All interior walls shall have texture and 2 coats of paint. Coordinate all textures, door styles, interior trim, and paint with owner. Install drywall in accordance with all the requirements of the 2023 Florida Building Code and accepted "good" industry practices.

5.) SIDING

Lap siding +/- 6" Lap (match existing residence) nail each board w/ two 8d galvanized nails in each stud (16" o.c. max) coordinate trim with owner.

6.) EXTERIOR PAINT

Apply a minimum two coats of high quality exterior paint over primed surfaces. Coordinate paint type and color with owner. Apply paint in accordance with paint manufacturers specifications.

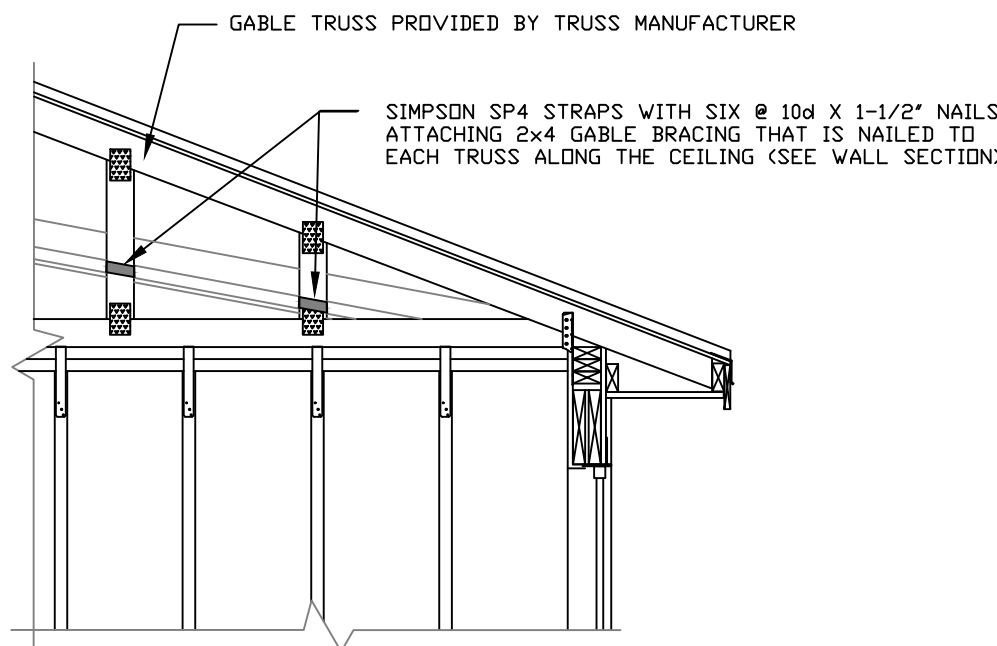
7.) WORKMANSHIP & SAFETY

All work shall be performed in a professional and workman-like manner in accordance with all applicable building codes and OSHA safety regulations by properly trained, licensed, and insured personnel. All workmen shall be covered by workers compensation insurance, and provide insurance certificates to the owner before beginning any work.

8.) COMPLIANCE RESPONSIBILITY

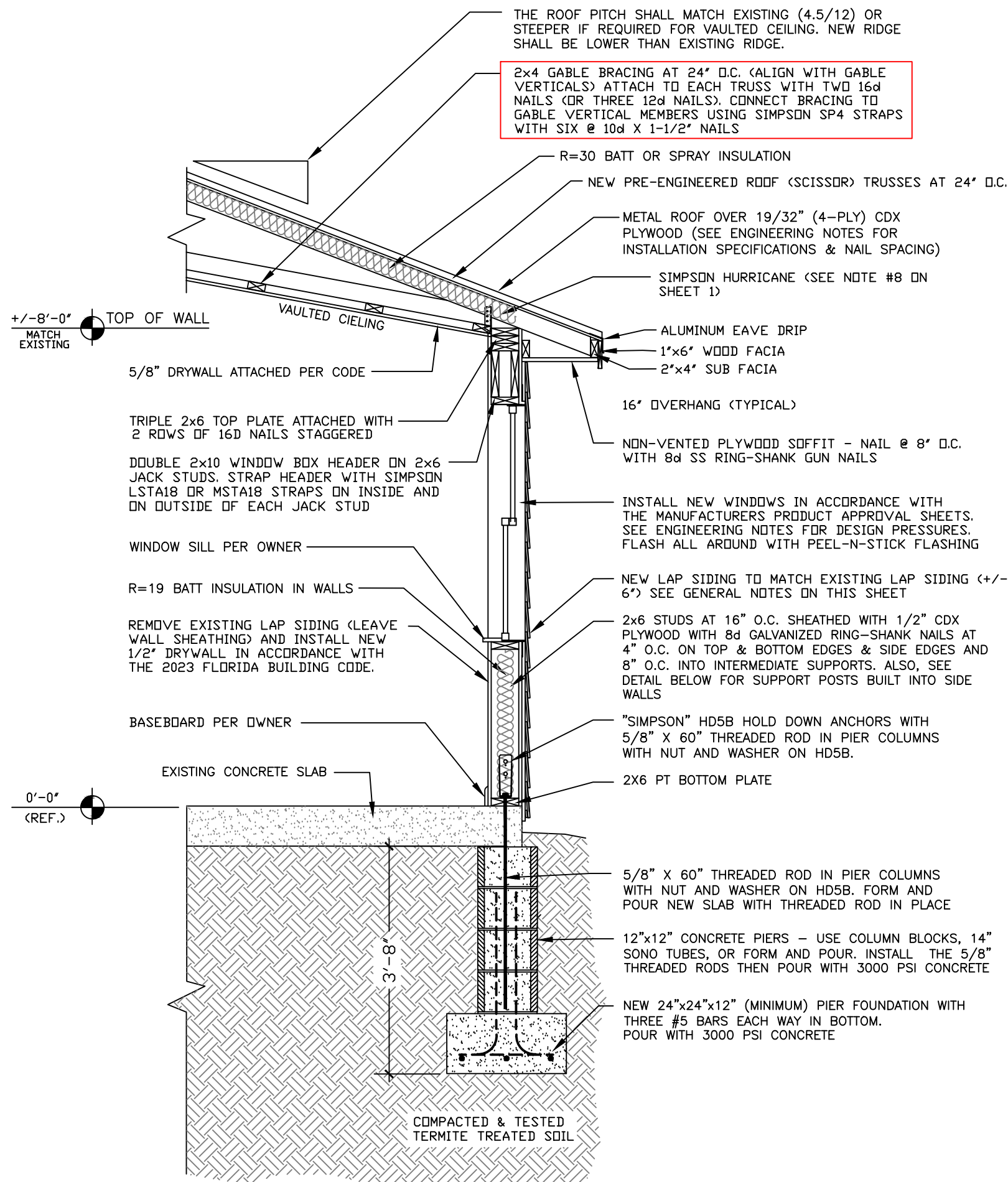
It is the responsibility of the contractor and building inspector to insure that these specifications are met and that all structural members are strapped, bolted, or otherwise fastened down to resist high wind loads with a continuous load path to the foundation.

SAMPLE  
NOT FOR BIDS  
OR CONSTRUCTION



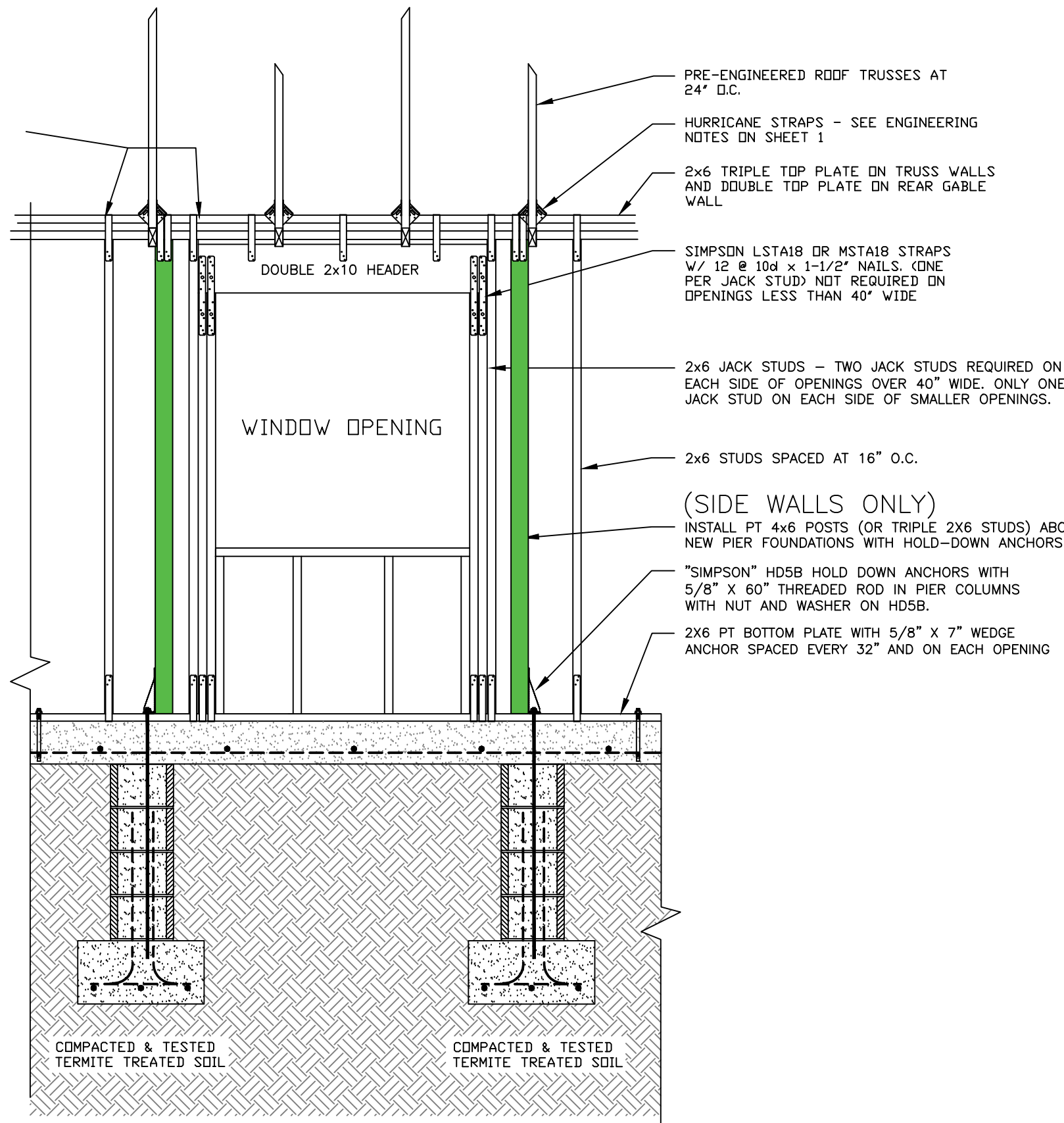
GABLE END TRUSS

1/2"=1'-0"



TYPICAL WALL SECTION

1/2"=1'-0"



SIDE WALL FRAMING DETAIL

1/2"=1'-0"

| RELEASE/REVISION |
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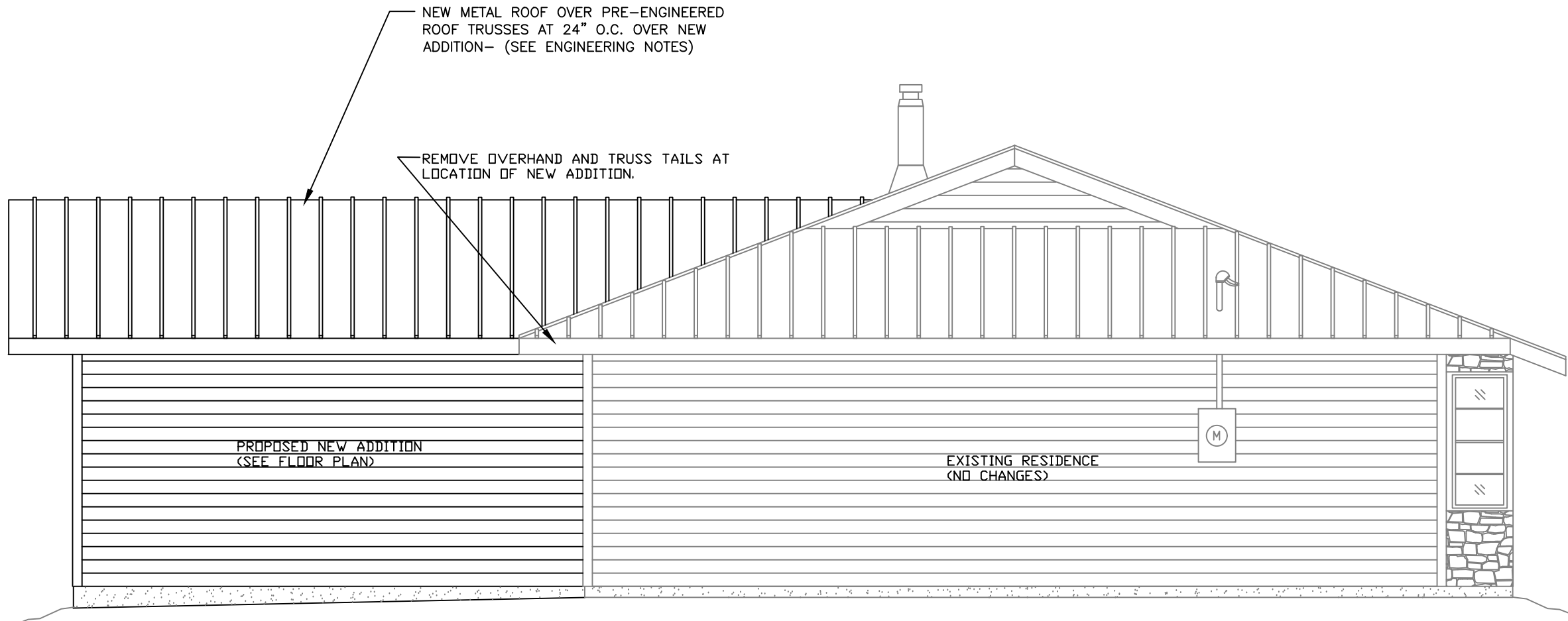
SAMPLE  
NOT FOR BIDS  
OR CONSTRUCTION

PROFESSIONAL ENGINEER  
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(321) 254-7913

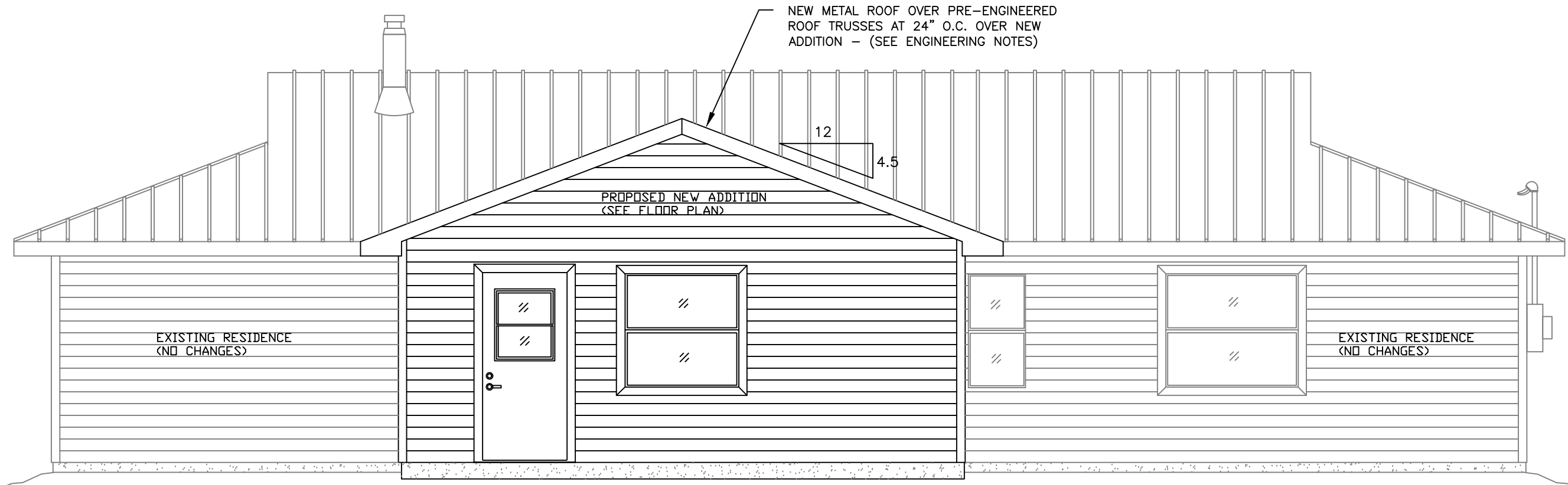
CUSTOM ADDITION DESIGN FOR:  
NEW CLIENT  
XXXX MAIN STREET  
CITY NAME, FLORIDA 329XX

STRUCTURAL NOTES  
CONTINUED

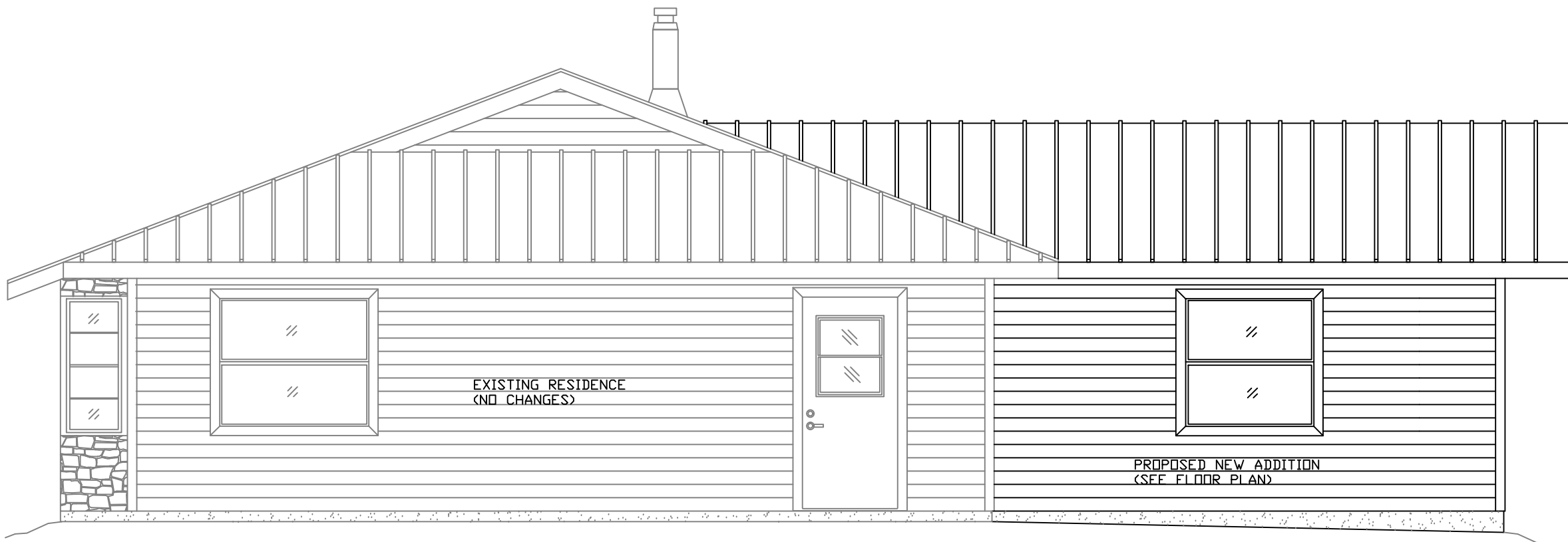
|         |          |
|---------|----------|
| DRAWN   | MJS      |
| DATE    | 06/16/26 |
| CHECKED | DLB      |
| SCALE   |          |
| JOB NO. |          |
| SHEET   | 2        |
| OF      | 5 SHEETS |



LEFT SIDE ELEVATION  
PROPOSED 1/4"=1'-0"



REAR ELEVATION  
PROPOSED 1/4"=1'-0"



RIGHT SIDE ELEVATION  
PROPOSED 1/4"=1'-0"

ELECTRICAL NOTES

- 1) CODE COMPLIANCE – All electrical work shall be performed by a Florida licensed electrician in accordance with the 2023 Florida Building Code, NFPA-70 National Electric Code (NEC), and all other applicable codes and standards.
- 2) CONTRACTOR REQUIREMENTS – The electrical contractor shall be licensed in the State of Florida. The electrical contractor shall provide all labor, materials and equipment required to construct a complete electrical system in accordance with the 2023 Florida Building Code and "good" industry practices.
- 3) REQUIRED CALCULATIONS – The electrical contractor shall inspect the existing house service and perform electrical load calculations in accordance with the codes referenced in note #1 to determine the required service size, materials, and equipment. The electrical contractor shall verify the existing service wire size and equipment capacity, and upgrade where necessary and provide all calculations and information required to be submitted with the building permit application.
- 4) WORKMANSHIP – All work shall be performed in an organized, safe, and professional manner using properly trained personnel. All tools and equipment shall be in good condition and protective safety gear shall be worn in accordance with OSHA requirements.
- 5) MATERIALS & EQUIPMENT – All materials and equipment shall be new, UL labeled, and shall meet (or exceed) all building code and OSHA requirements. Circuit breakers shall be of the same brand as the panel. Equipment and materials shall be protected against damage and shall be the responsibility of the electrical contractor until installed secured/mounted and connected to the electrical system.

WIRE TYPE – All wiring shall be copper. All wiring for branch circuits shall be NM-B #12-2 conductor + ground.

RECEPTACLES (OUTLETS)– All receptacles shall be UL Rated and "tamper-resistant" (TR).

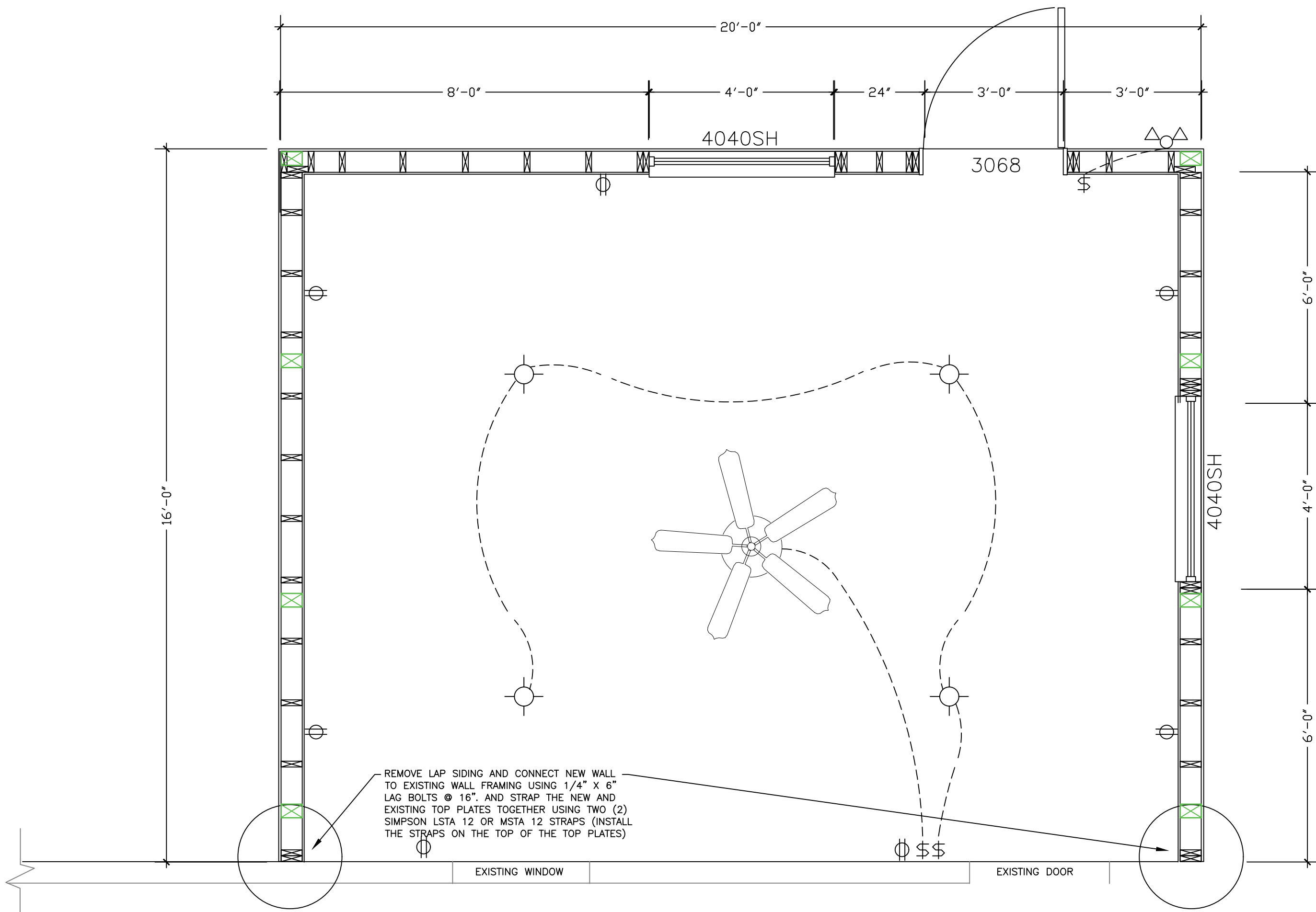
AFCI CIRCUIT BREAKERS – All outlets shall be protected by AFCI circuit breakers per FBC R E3902.16

|                                                                                |               |
|--------------------------------------------------------------------------------|---------------|
| WINDOW SIZES ARE<br>IN FEET & INCHES                                           |               |
| SH3440                                                                         | = SH3'4"x4'0" |
| THE HEIGHT IN FEET & INCHES<br>THE WIDTH IN FEET & INCHES                      |               |
| TYPE OF WINDOW → SH= SINGLE HUNG,<br>HR= HORIZ. ROLLER, OR FG= FIXED GLASS     |               |
| DOOR SIZES ARE SHOWN<br>IN FEET & INCHES                                       |               |
| 2668                                                                           |               |
| A 2668 DOOR IS 2'6" WIDE BY 6'8" HIGH<br>A 3080 DOOR IS 3'0" WIDE BY 8'0" HIGH |               |

| LIVING AREA (SQUARE FOOTAGE) |         |
|------------------------------|---------|
| EXISTING HOME                | 1420 SF |
| PROPOSED NEW ADDITION        | 300 SF  |
| TOTAL SQUARE FOOTAGE         | 1720 SF |

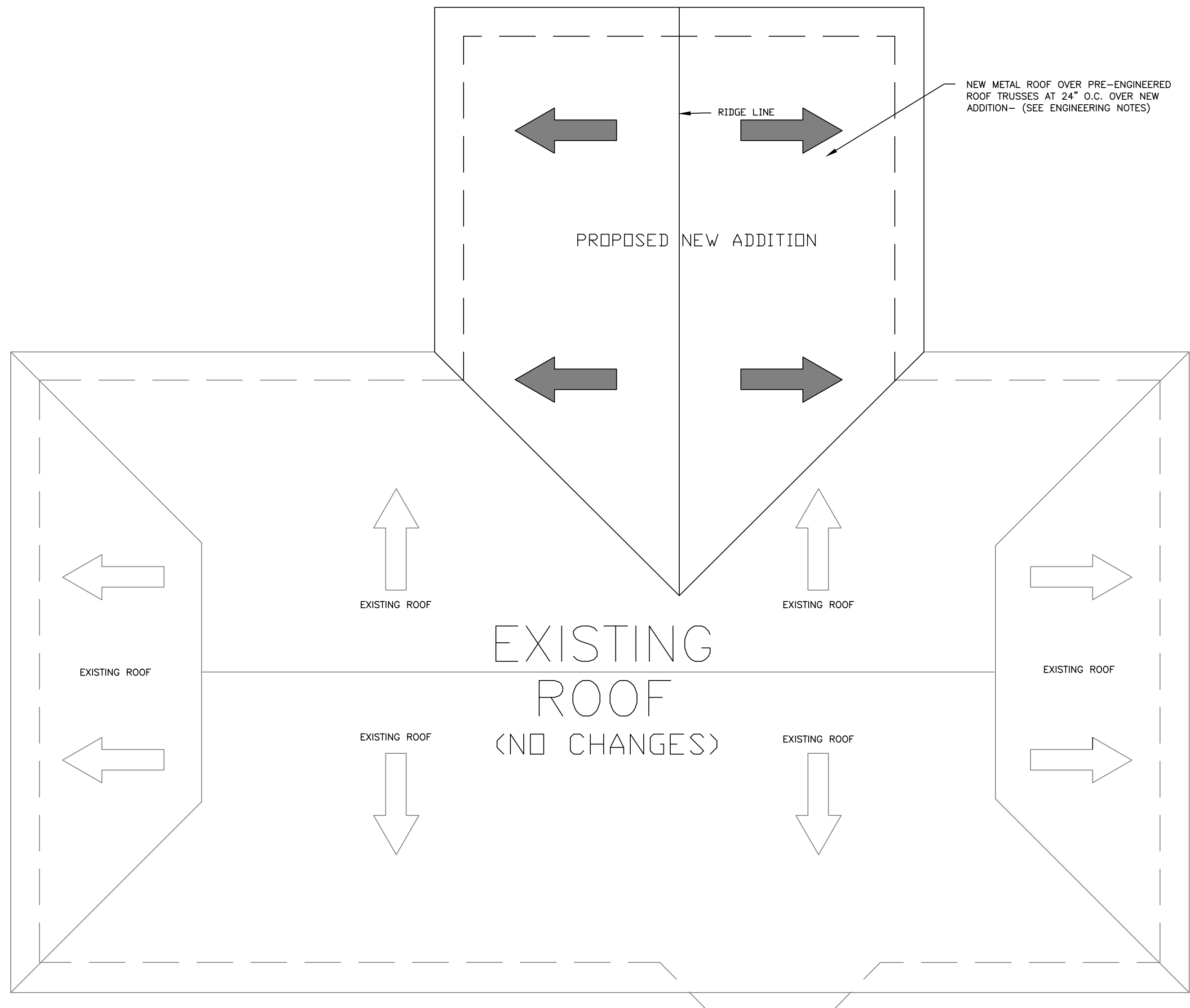
TERMITE TREATMENT:  
TO PREVENT TERMITE DAMAGE A CHEMICAL BARRIER SHALL BE INSTALLED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - RESIDENTIAL, SECTION R318. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES."

| ELECTRICAL LEGEND |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| ⊕G                | TAMPER-RESISTANT (TR)<br>GFCI ELECTRICAL RECEPTACLE<br>110V/15A TAMPER-RESISTANT |
| ⊕                 | 110V/15A TAMPER-RESISTANT                                                        |
| \$                | WALL SWITCH                                                                      |
| ⊕                 | LIGHT/FAN FIXTURE BOX<br>(COORDINATE FIXTURE WITH OWNER)                         |
| ∇                 | FLOOD LIGHT                                                                      |

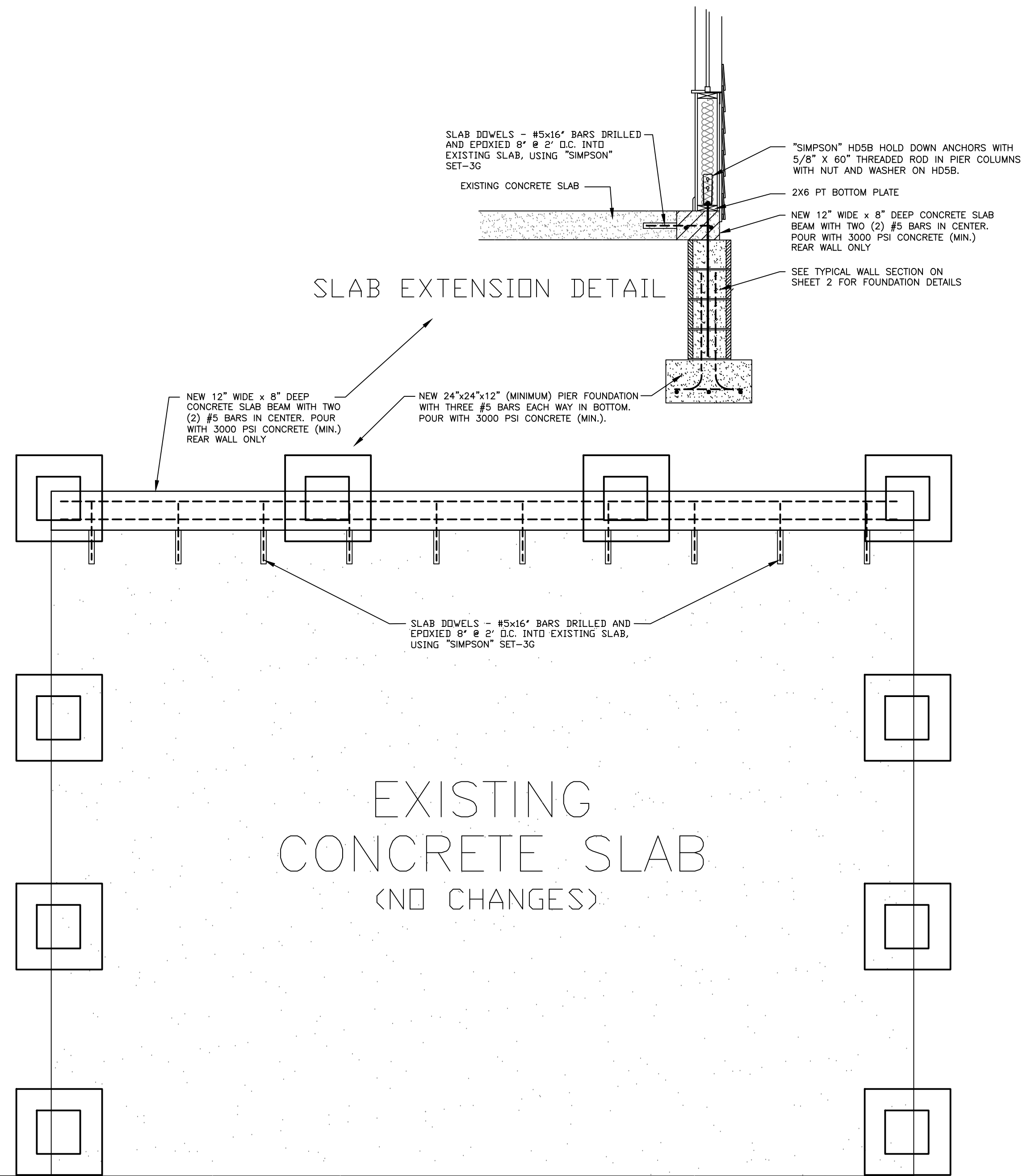


PROPOSED FLOOR PLAN  
1/2"=1'-0"

SAMPLE  
NOT FOR BIDS  
OR CONSTRUCTION



ROOF PLAN  
1/4"=1'-0"



PROPOSED FOUNDATION PLAN  
1/2"=1'-0"

EXISTING RESIDENCE  
(NO CHANGES)

**SAMPLE**  
NOT FOR BIDS  
OR CONSTRUCTION

| RELEASE/REVISION |
|------------------|
|                  |
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|                  |
|                  |

**SAMPLE**  
NOT FOR BIDS  
OR CONSTRUCTION

PROFESSIONAL ENGINEER  
DAVID L. BRYANT  
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MELBOURNE, FLORIDA 32934  
(321) 254-7913

CUSTOM ADDITION DESIGN FOR:  
**NEW CLIENT**  
XXXX MAIN STREET  
CITY NAME, FLORIDA 329XX

FOUNDATION PLAN  
AND DRIVEWAY DETAILS

|         |          |
|---------|----------|
| DRAWN   | MJS      |
| DATE    | 06/16/26 |
| CHECKED | DLB      |
| SCALE   |          |
| JOB NO. |          |
| SHEET   | 4        |
| OF      | 5 SHEETS |

# RESERVED FOR TRUSS LAYOUT

SAMPLE  
NOT FOR BIDS  
OR CONSTRUCTION

CONVENTIONAL ROOF FRAMING for VALLEY CONSTRUCTION, MISC. FILL IN, OR OTHER

Where conventional framing is used to "fill-in" at valley framing or other roof locations, install rafters at 24" on center (max.). USE A RIDGE BEAM THAT IS ONE SIZE LARGER THAN THE RAFTERS (i.e. – use 2x8 ridge beam for 2x6 rafters.

Use 2x4 rafters to 6' length, 2x6 rafters to 8' length, 2x8 to 11' length, 2x10 to 13' length, and 2x12 to 16' length. Nail each end with 3 @ 12d gun nails. AND –

On all members over 40" long – Install HURRICANE STRAPS

Strap "rafter to rafter" across the ridge beam using "Simpson" LSTA18 (or MST A18) straps with 14 @ 10d x 1½" galvanized nails.

Attach base of rafters and each end of other framing members to resist uplift forces equal to 50 lbs. multiplied by the overall rafter/member length. i.e – An 11' long framing member requires straps (at each end) rated for 550 lbs.

| TRUSS "HURRICANE" CONNECTOR SCHEDULE                     |                                                                                                                                       |                                                                                                                    |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| TRUSS TYPE                                               | EMBEDDED CONNECTORS REQUIRED<br>BLOCK WALLS AND TIE-BEAMS                                                                             | WOOD CONNECTORS REQUIRED<br>WOOD WALLS OR WOOD BEAMS                                                               |
| SINGLE TRUSS (1-PLY)                                     | (None specified on this project)                                                                                                      | One "Simpson" H10A connector with nine 10d x 1-1/2" galvanized nails in beam and nine 10d x 1-1/2" nails in truss. |
| DOUBLE TRUSS (2-PLY)<br>(None specified on this project) | Call for assistance.                                                                                                                  | Call for assistance.                                                                                               |
| FLOOR TRUSSES                                            | 5/8" galvanized threaded rods at 32" o.c. attached to 5/8"x12" "J" anchor bolts with coupling nuts (after sill plate is bolted down). | (None specified on this project)                                                                                   |
| TRUSS TO TRUSS CONNECTORS                                | (specified by Truss Engineer)                                                                                                         |                                                                                                                    |

THIS TRUSS LAYOUT PLAN PROVIDED BY CAPITAL TRUSSES DATED 5/22/2026, IS HEREBY APPROVED AND MADE PART OF OUR ENGINEERED PLANS FOR CONSTRUCTION.

| RELEASE/REVISION |
|------------------|
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|                  |
|                  |
|                  |
|                  |

SAMPLE  
NOT FOR BIDS  
OR CONSTRUCTION

PROFESSIONAL ENGINEER  
DAVID L. BRYANT  
STATE LICENSE PE-038154  
4280 DOW ROAD, SUITE 108  
MELBOURNE, FLORIDA 32934  
(321) 254-7913

This plan has been prepared under my direct supervision and is, to the best of my knowledge, accurate and in compliance with applicable building codes. This plan is for use only for this specific building at this location.

CUSTOM ADDITION DESIGN FOR:  
NEW CLIENT  
XXXX MAIN STREET  
CITY NAME, FLORIDA 329XX

FIRST AND SECOND  
FLOOR PLANS

|         |            |
|---------|------------|
| DRAWN   | MJS        |
| DATE    | 05/22/2026 |
| CHECKED | DLB        |
| SCALE   |            |
| JOB NO. |            |
| SHEET   | 5          |
| OF      | 5 SHEETS   |