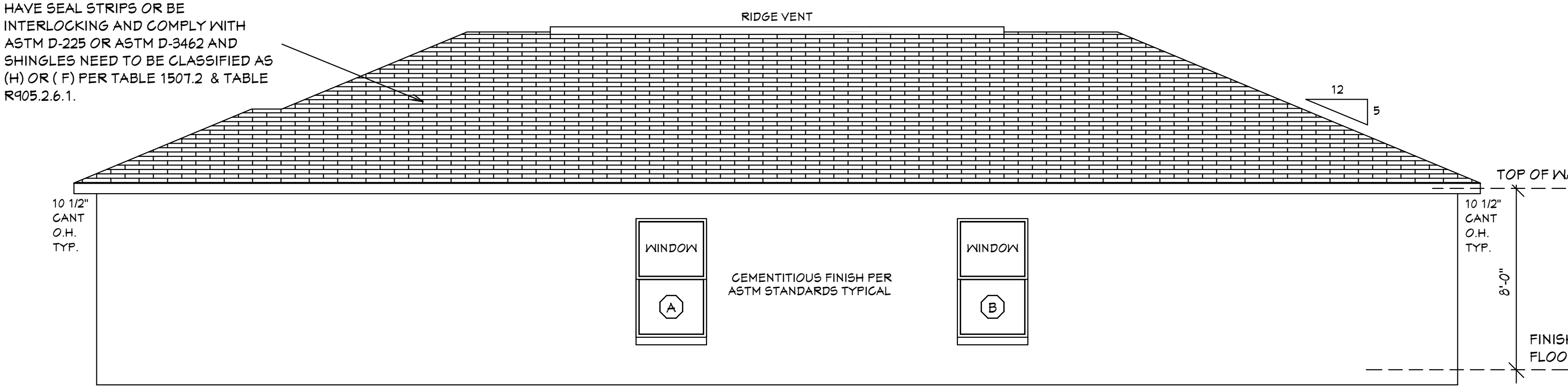
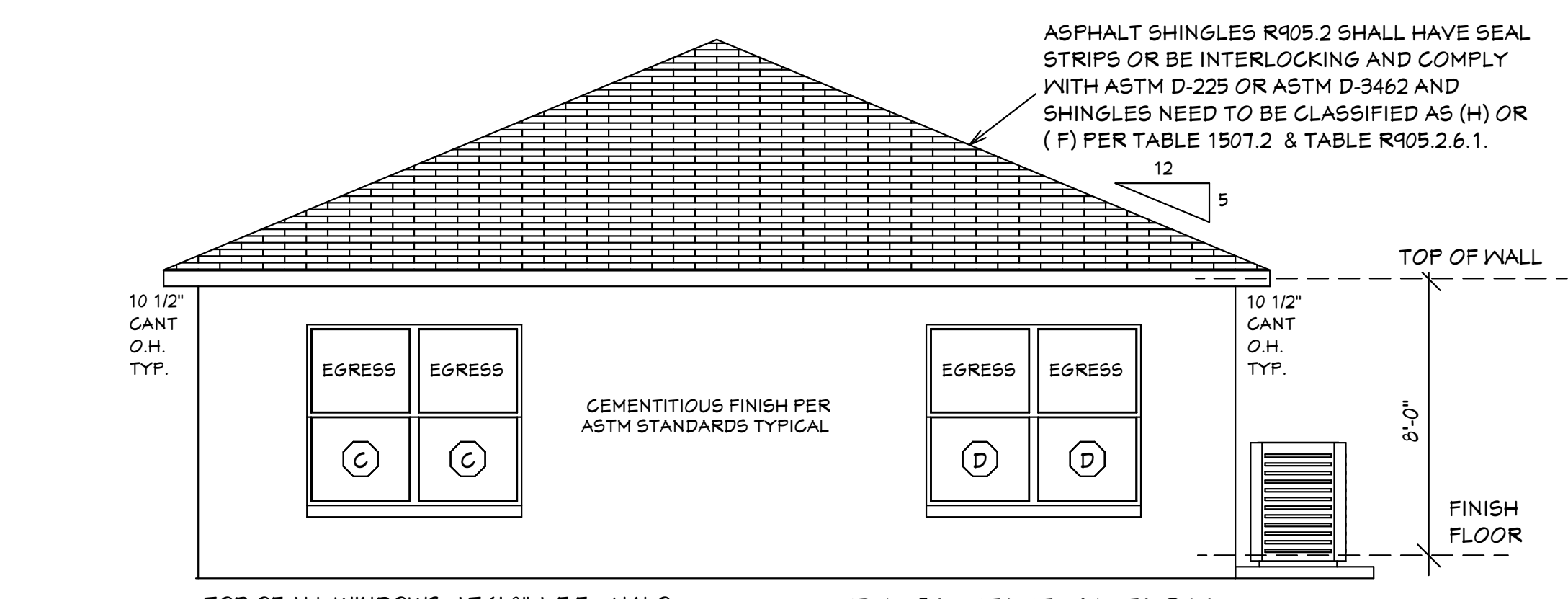


LEFT SIDE ELEVATION



RIGHT SIDE ELEVATION



BACK ELEVATION



FRONT ELEVATION

EXTERIOR ELEVATIONS

TOP OF ALL WINDOWS AT 6'-8" A.F.F. U.N.O. CEMENTITIOUS FINISH TYPICAL

ASPHALT SHINGLES R405.2 SHALL HAVE SEAL STRIPS OR BE INTERLOCKING AND COMPLY WITH ASTM D-225 OR ASTM D-3462 AND SHINGLES NEED TO BE CLASSIFIED AS (H) OR (F) PER TABLE 1507.2 & TABLE R405.2.6.1.

TOP OF ALL WINDOWS AT 6'-8" A.F.F. U.N.O. CEMENTITIOUS FINISH TYPICAL

TOP OF ALL WINDOWS AT 6'-8" A.F.F. U.N.O. CEMENTITIOUS FINISH TYPICAL

CEMENTITIOUS FINISH (TYPICAL AT ALL ELEVATIONS) TOP OF ALL WINDOWS AND DOORS AT 6'-8" A.F.F. U.N.O. O.H.G.D. 70" TALL

ASPHALT SHINGLES R405.2 SHALL HAVE SEAL STRIPS OR BE INTERLOCKING AND COMPLY WITH ASTM D-225 OR ASTM D-3462 AND SHINGLES NEED TO BE CLASSIFIED AS (H) OR (F) PER TABLE 1507.2 & TABLE R405.2.6.1.

### DESIGN PARAMETERS:

**APPLICABLE CODES:**  
 BUILDING CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, BUILDING 2023  
 MECHANICAL CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, MECHANICAL 2023  
 PLUMBING CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, PLUMBING 2023  
 ELECTRICAL CODE = NEC 2020  
 FLORIDA FIRE PREVENTION CODE = 8TH EDITION  
 LIFE SAFETY CODE = NFPA 101 8TH EDITION

**ACCESSIBILITY CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, BUILDING 2023  
 ENERGY CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, BUILDING 2023**

**METHOD OF DESIGN:**  
 DESIGNED PURSUANT TO (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, BUILDING 2023, CHAPTER 3 AND SECTION 1604 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE

**BASIC WIND SPEED:**  
 110 MPH (ULTIMATE DESIGN) = 132.0 MPH (NOMINAL DESIGN)  
 120 MPH (ULTIMATE DESIGN) = 144 MPH (NOMINAL DESIGN)  
 150 MPH (ULTIMATE DESIGN) = 116 MPH (NOMINAL DESIGN)

**IMPORTANCE FACTOR/COMPONENTS AND CLADDING:**  
 0.77 (RISK CATEGORY I)  1.15 (RISK CATEGORY III)  
 1.00 (RISK CATEGORY II)  1.15 (RISK CATEGORY IV)

**BUILDING OCCUPANCY CLASSIFICATION:**  
 GROUP A - ASSEMBLY  GROUP H - HAZARDOUS  
 GROUP B - BUSINESS  GROUP I - INSTITUTIONAL  
 GROUP D - DAY CARE CENTER  GROUP M - MERCANTILE  
 GROUP E - EDUCATIONAL  GROUP R - RESIDENTIAL  
 GROUP F - FACTORY INDUSTRIAL  GROUP S - STORAGE

**TORNADO BASIC WIND SPEED:**  
 RISK CATEGORY II = N/A  
 110 MPH (NORMAL DESIGN F3-SECOND GUST)  
 120 MPH (NORMAL DESIGN F3-SECOND GUST)  
 150 MPH (NORMAL DESIGN F3-SECOND GUST)

**RAIN FALL INFORMATION:**  
 N/A SLOPED ROOF GREATER THAN 2/12  
 RAINFALL DATA FROM FBC PLUMBING 2023 FIGURE 1106.1 IN IN/HR.  
 ROOF AREA IN SF.

**BUILDING CONSTRUCTION TYPE:**  
 TYPE I  TYPE IV  
 TYPE II  TYPE V  
 TYPE III

**EXPOSURE CATEGORY:**  
 A  C  
 B  D

**WINDBORNE DEBRIS REGION:**  
 NO  
 YES

**INTERNAL PRESSURE COEFFICIENTS:**  
 0.00 (OPEN)  
 +0.18, -0.18 (ENCLOSED)  
 +0.55, -0.55 (PARTIALLY ENCLOSED)

**CLASSIFICATION OF WORK:**  
 ALTERATION  
 LEVEL 1  
 LEVEL 2  
 LEVEL 3  
 NEW CONSTRUCTION  
 CHANGE OF OCCUPANCY  
 ADDITION / REMODEL  
 HISTORIC BUILDING

**DESIGN LOAD BEARING VALUE OF SOIL 2000 PSF**

**GENERAL NOTES**

- CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION. DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
- MASONRY CONTRACTOR TO VERIFY MASONRY OPENING DIMENSIONS FOR ALL WINDOWS, SLIDING GLASS DOORS & ENTRY DOORS AS SHOWN ON THESE PLANS. THE DOOR AND WINDOW MANUFACTURER PRIOR TO CONSTRUCTION.
- IT IS THE CONTRACTORS RESPONSIBILITY TO CHECK THESE PLANS FOR DIMENSIONAL ERRORS AND/OR OMISSIONS PRIOR TO CONSTRUCTION. IF ANY ERRORS OR OMISSIONS EXIST IN THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY HICKS DRAFTING & DESIGN IN WRITING WITHIN 10 DAYS OF RECEIPT OF PLANS AND PRIOR TO ANY CONSTRUCTION OR CONTRACTOR ASSUMES ALL THE RESPONSIBILITY FOR THE RESULTS AND ALL THE COSTS OF RECTIFYING THE SAME.
- HICKS DRAFTING & DESIGN DOES NOT ASSUME ANY RESPONSIBILITY FOR SUPERVISION OF CONSTRUCTION. CONTRACTOR TO ADHERE STRICTLY TO THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3, AND SECTION 1604 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE, TOGETHER WITH LOCAL AMENDMENTS, AND ALL OTHER APPLICABLE STATE, COUNTY, AND LOCAL STATUTES, ORDINANCES, REGULATIONS, AND RULES.

**NOTE: MASTER PLANS**  
 FEMA FLOOD ZONES CONSTRUCTION  
 NEW CONSTRUCTION OF ANY RESIDENTIAL STRUCTURE SHALL HAVE THE LOWEST FLOOR OR CONCRETE SLAB, INCLUDING GARAGE OR BASEMENT AND ALL EQUIPMENT, ELEVATED TO FINISH FLOOR ELEV. OR ABOVE THE BASE FLOOD ELEVATION PLUS 1 FOOT. THIS SHALL APPLY TO HOUSES OR MANUFACTURED HOMES THAT ARE TO BE PLACED OR SUBSTANTIALLY IMPROVED ON SITES IN A NEW MANUFACTURED HOME PARK OR SUBDIVISION LCD CHAPTER 6, ARTICLE IV FLOOD HAZARD REDUCTION.

THIS RESIDENCE MAY NOT BE BUILT WITHIN 6'0" OF ANOTHER STRUCTURE OR 5'0" FROM ANY PROPERTY LINE PER SECTION R302.1(1) (INCLUDING OVERHANGS)

**Quattrone & Associates, Inc.**  
 Engineers, Planners, & Development Consultants  
 401 Veterans Memorial Blvd., Fort Myers, FL 33916 (239) 936-5222  
 AL GOURTNER, P.E. 152141

**REVISIONS:**

03-30-2021
03-18-2024

**COMPLIANCE STATEMENT**  
 THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND THE DESIGN PARAMETERS FOR THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3 IN GENERAL AND SECTION 1604 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.

BUILDING OVERHANG TO BE 5 FEET FROM PROPERTY LINE UNLESS RATED OR FIRE SPRINKLERED TABLE R302.1(1)

DECK BOARDS & STAIR TREADS REQUIRED TO HAVE LABEL R501

ONE LAYER OF WATER RESISTIVE BARRIER BEHIND EXTERIOR SIDING WALL COVERING R103.2

TWO LAYERS OF WATER RESISTIVE BARRIER BEHIND EXTERIOR WALLS WITH WIRE LATH & CEMENTITIOUS FINISH COVERING R103.2.3

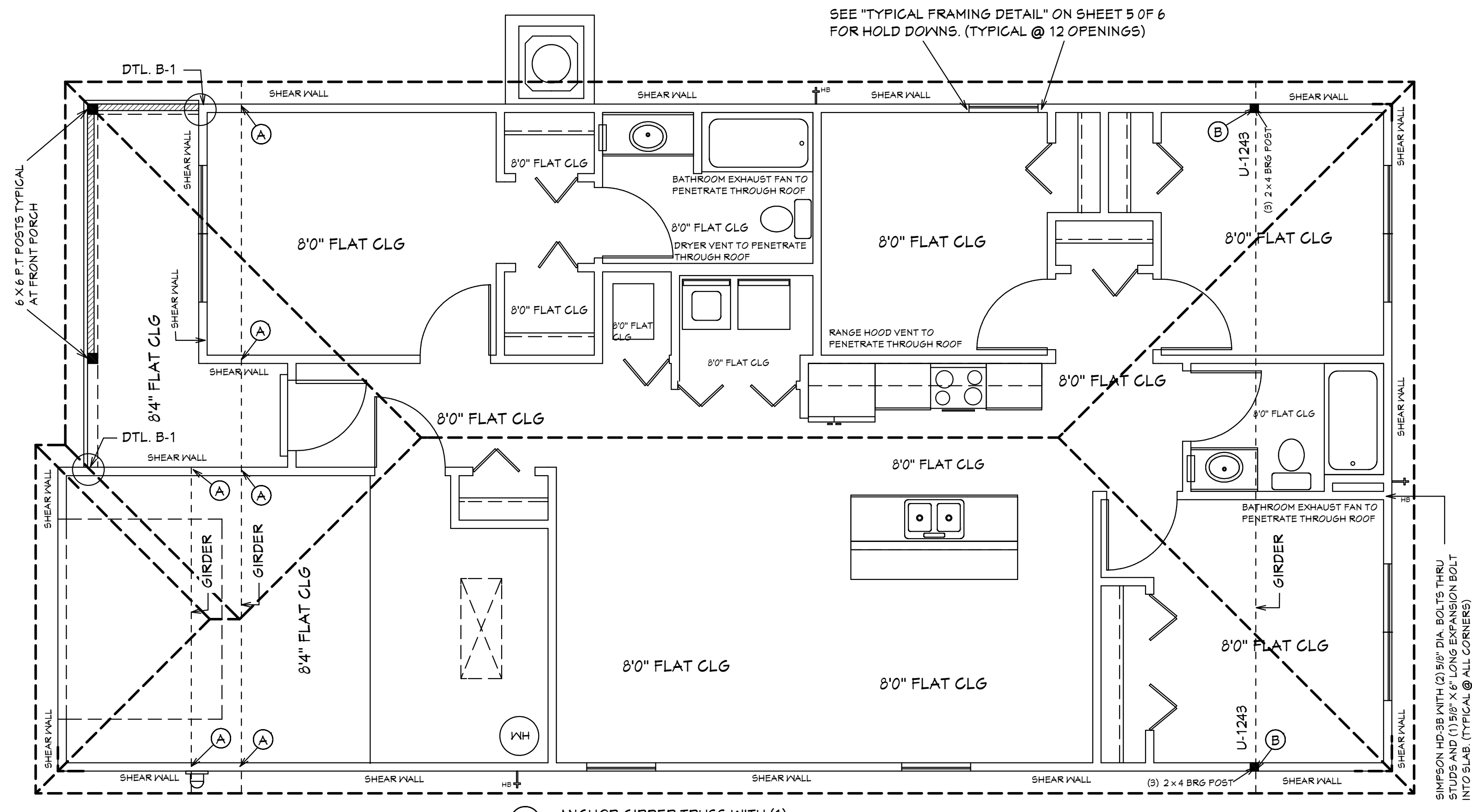
PAN FLASHING UNDER WINDOWS AND DOORS ON FRAME CONSTRUCTION. REFER TO NOTES R103.4 ON SHEET 3 OF 6

WINDOWS MUST HAVE COMPLIANT SHGC VALUES. REFER TO EXTERIOR OPENING CHART AND ATTACHED ENERGY CALCULATIONS AND WINDOW AND DOOR SPEC SHEETS FROM MANUFACTURERS.

WATER HEATERS AND STORAGE TANKS SHALL BE EQUIP WITH PRESSURE RELEASE AND TEMPERATURE VALVES OR A COMBINATION THEREOF 504 WATER TANK SAFETY DEVICES.

THE MAXIMUM DISTANCE BETWEEN A HOT WATER SUPPLY SOURCE AND ALL FIXTURES SERVED BY THE SUPPLY SOURCE HAS BEN REDUCED FROM 100 FT TO 50 FT. HOT OR TEMPERED WATER SUPPLY TO FIXTURES

PLAN SCHEDULE	
SHEET #	
1 OF 6	EXTERIOR ELEVATIONS, ROOF PLAN, SECTIONS
2 OF 6	FOUNDATION PLAN, WALL SECTION, AND SECTIONS
3 OF 6	DIMENSIONAL FLOOR PLAN, FLASHING DETAILS, AND SECTIONS
4 OF 6	NOTED FLOOR PLAN, SCHEDULES, AND SECTIONS
5 OF 6	ELECTRICAL PLAN, ELECTRICAL SCHEDULE AND SECTIONS
6 OF 6	ENGINEERING NOTES AND SECTIONS
1A OF 6	ALTERNATE EXTERIOR ELEVATIONS, ROOF PLAN, SECTIONS
SH-1 OF SH-1	SHOP DRAWINGS
	TRUSS LAYOUT



5/12 PITCH ROOF  
 2X4 TOP CHORD  
 TRUSS BEARING AT 8'0" ELEV. A.F.F. TYPICAL  
 160 MPH WIND LOAD  
 50 LBS LOADING/ASPHALT SHINGLES

- (A) ANCHOR GIRDER TRUSS WITH (1) SIMPSON HTS-20 (TYPICAL)
- (B) ANCHOR GIRDER TRUSS WITH (2) SIMPSON HTS-20 (TYPICAL)
- (2) 1 3/4" X 11 7/8" MICROLAM W/ SIMPSON ST6236 W/ (40) 16D NAILS AT WALL END. 3 WALLS STUDS BELOW EACH END
- 36" HIGH DEC VINYL RAILING NON GUARDRAIL. OPENING WILL RESIST 4" SPHERE. ATTACH PER MANUFACTURERS SPECIFICATIONS.

**TRUSS LIABILITY EXCLUSION NOTE**  
 Quattrone and Associates, Inc. (QAI) did not prepare or design the truss plan shown on this file. The engineer of record on the truss plan is responsible for the truss engineering, restrictions and details. QAI is only responsible for reviewing the truss plan for the purpose of designing the building structure. The contractor is solely responsible for reviewing the truss plan for the most part in accordance with the building design. QAI will not be liable for any errors in the truss design.

MASTER PLAN  
 I AL QUATTRONE APPROVE OF REPETITIVE USE OF PLANS FOR PERMITTING  
 PALMERA 2-A HIP MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 110 1/2" CANT

**HICKS DRAFTING & DESIGN**  
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 LEHIGH ACRES FL 33971  
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 E-MAIL: DHICKS922@AOL.COM

**BUILDER: HABITAT FOR HUMANITY**  
 4 BEDROOM 2 BATH HOME / 160 MPH WIND LOADING  
 NEW RESIDENCE FOR:  
 LOT: / BLOCK- / UNIT- / RANGE-  
 SECTION: / TOWNSHIP- /  
 STRAP# /  
 ADDRESS:

**DRAWN BY:**  
 DAVID HICKS

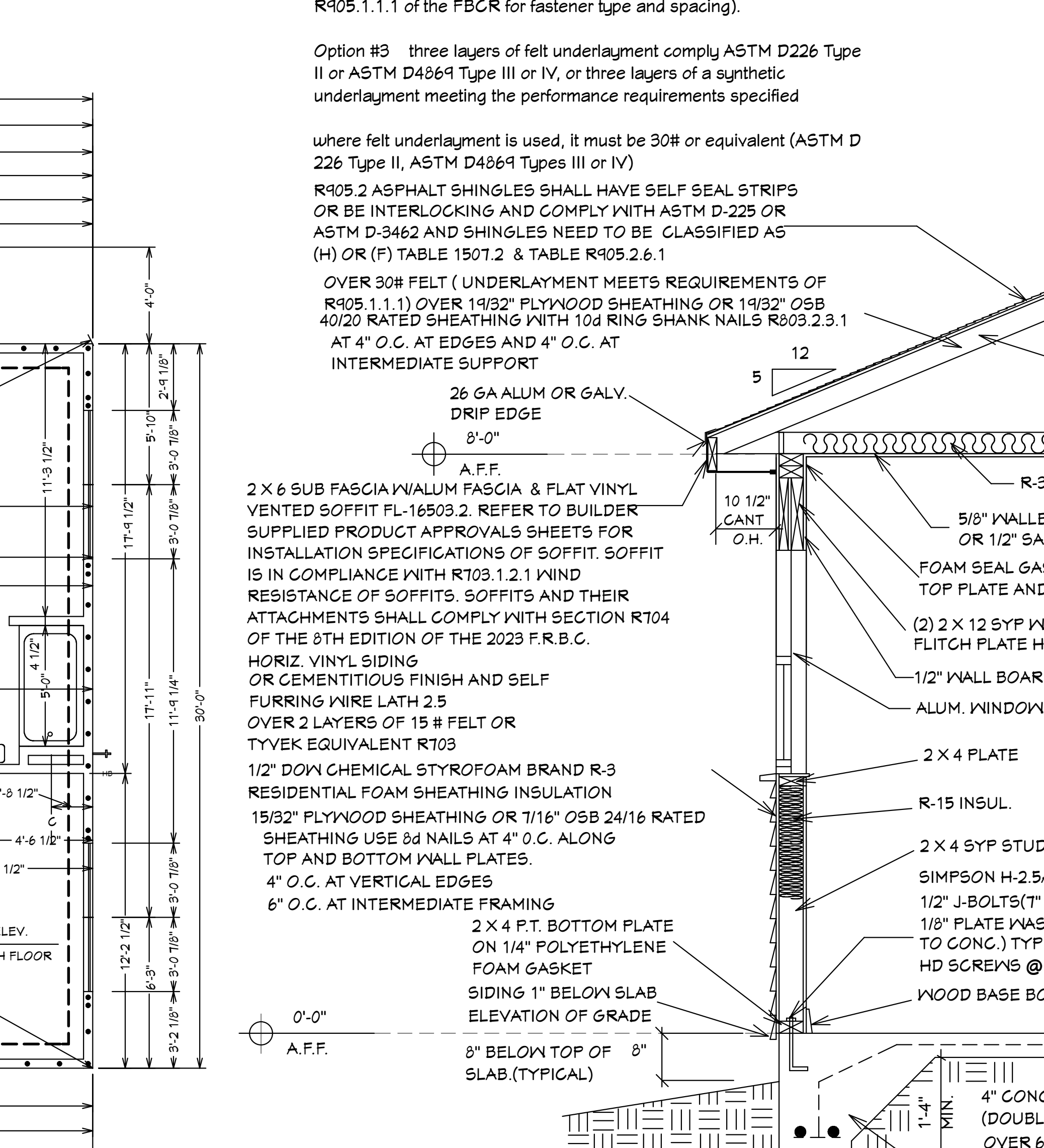
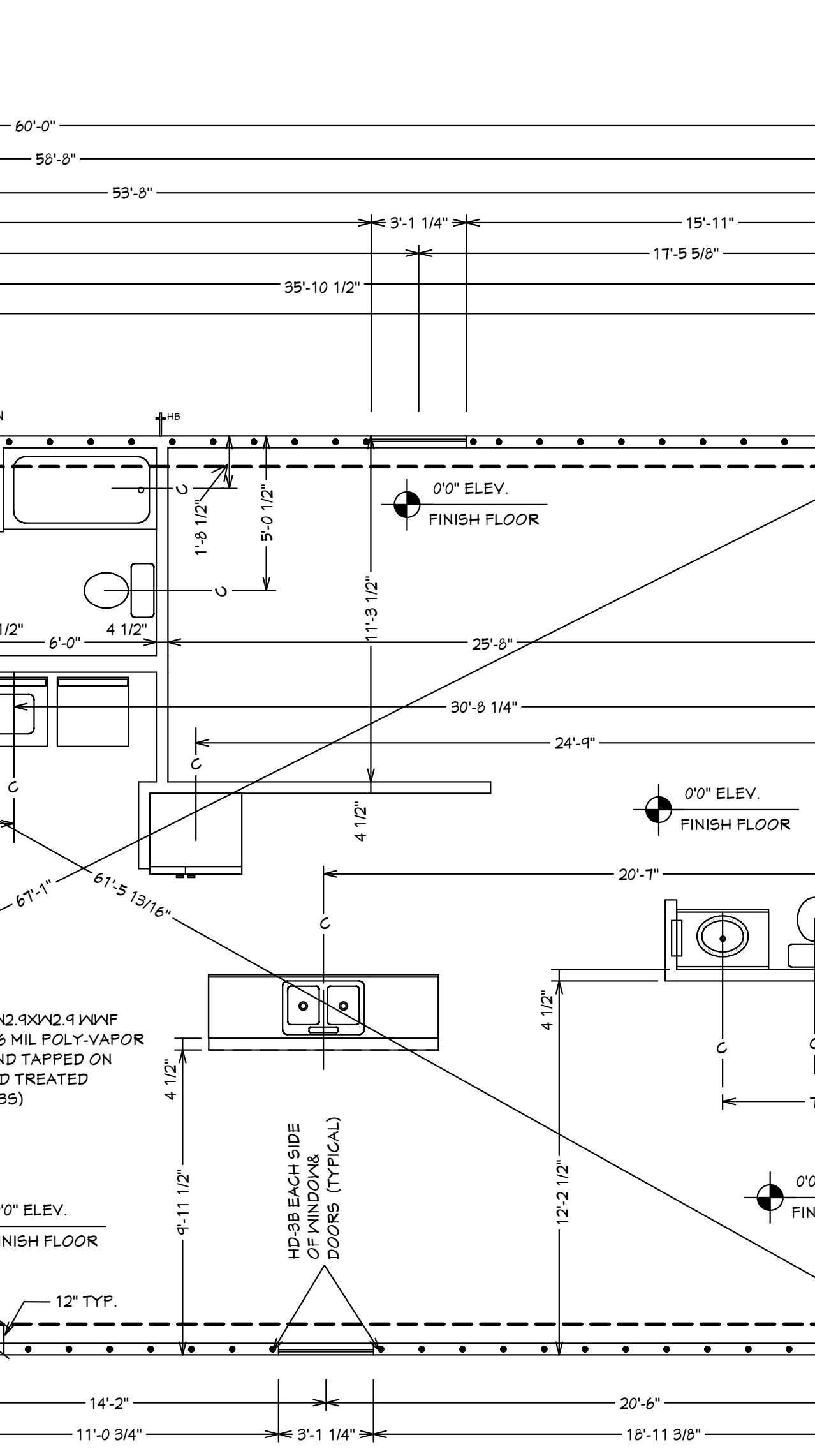
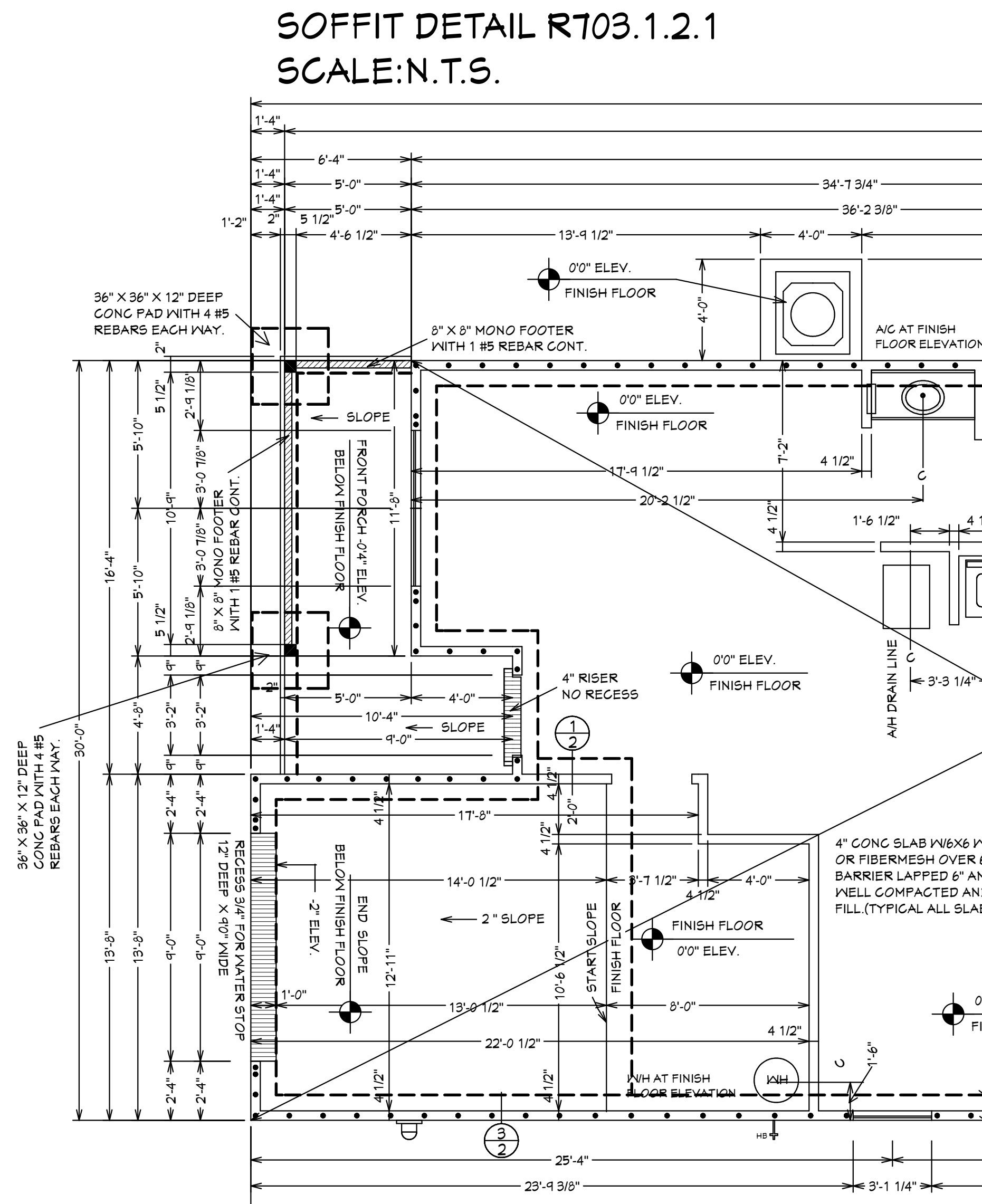
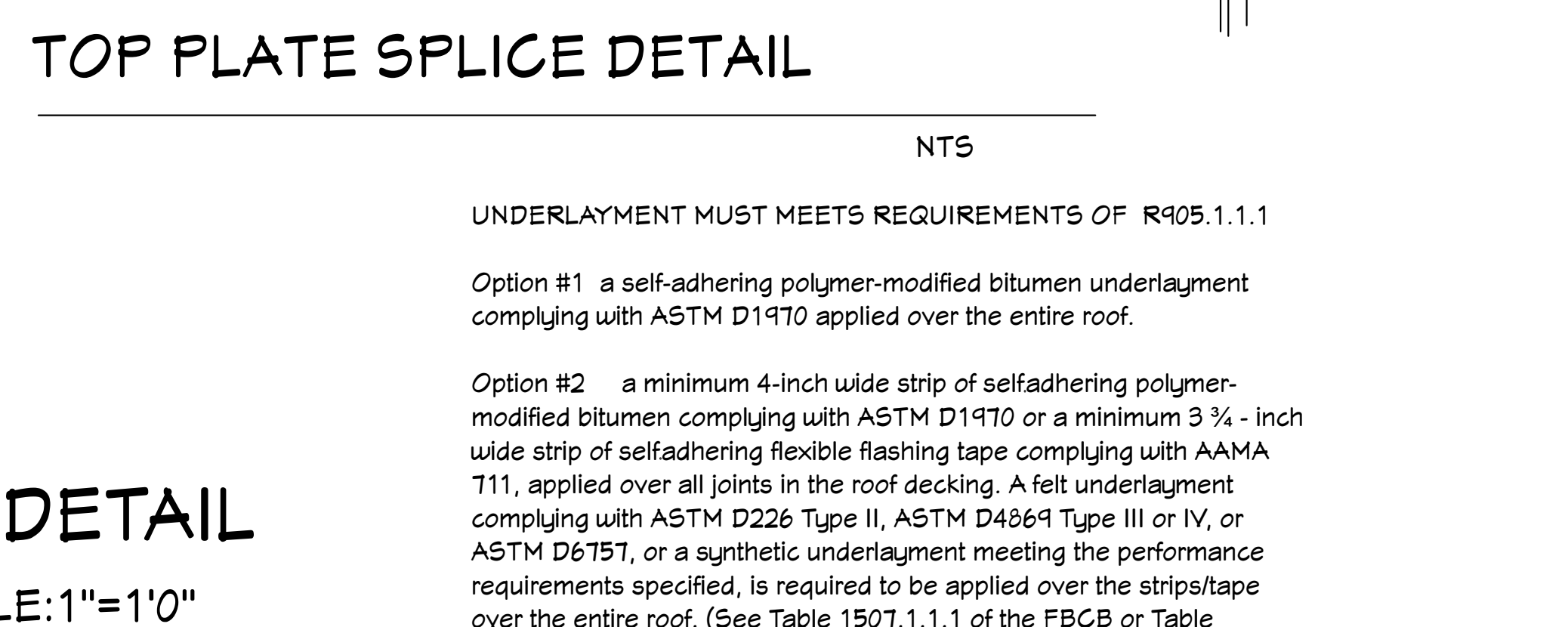
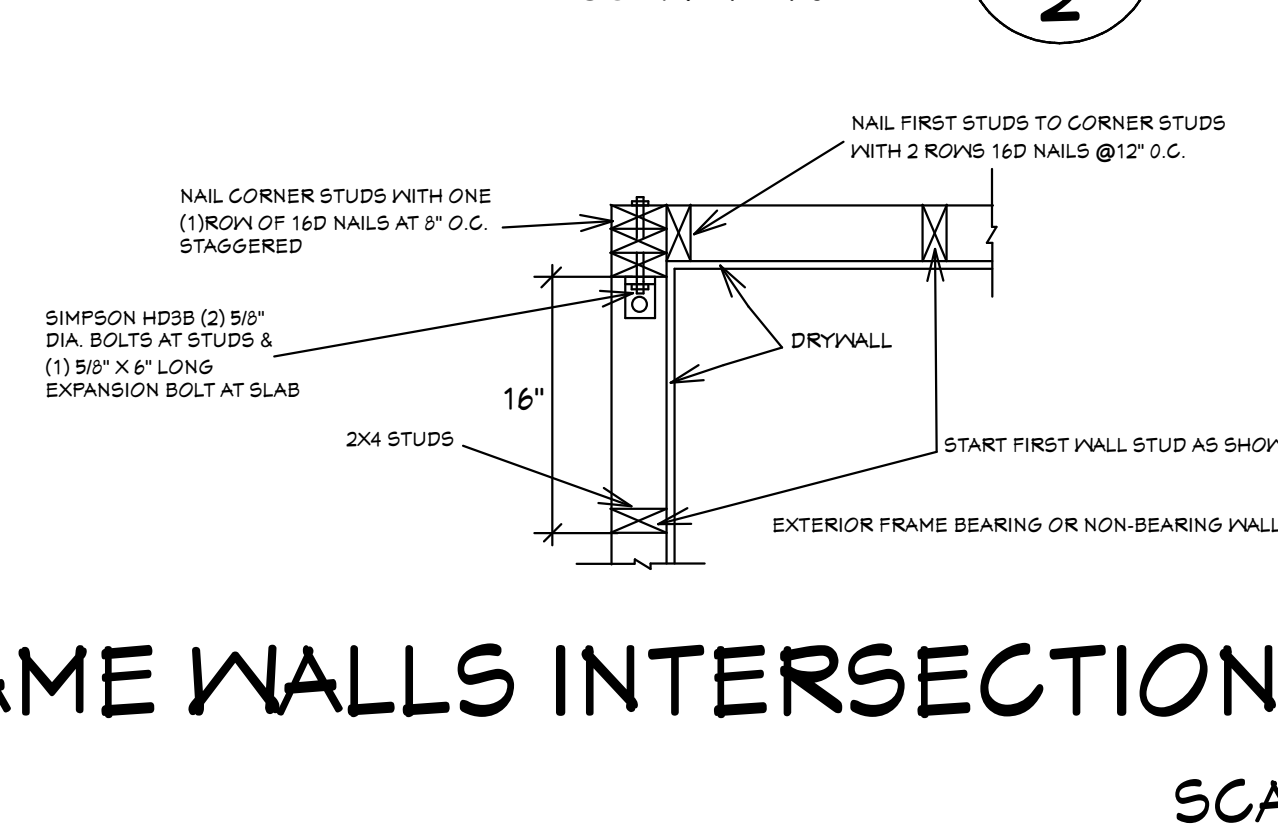
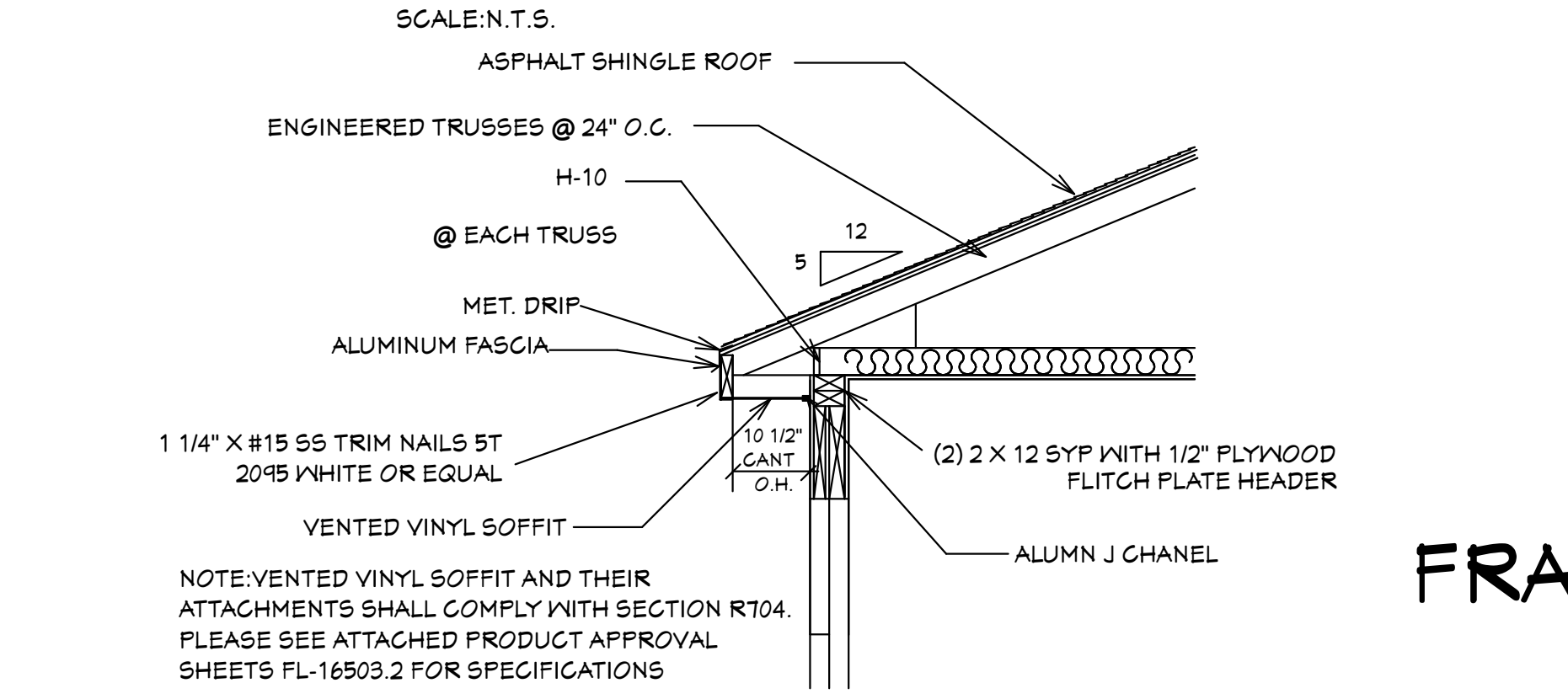
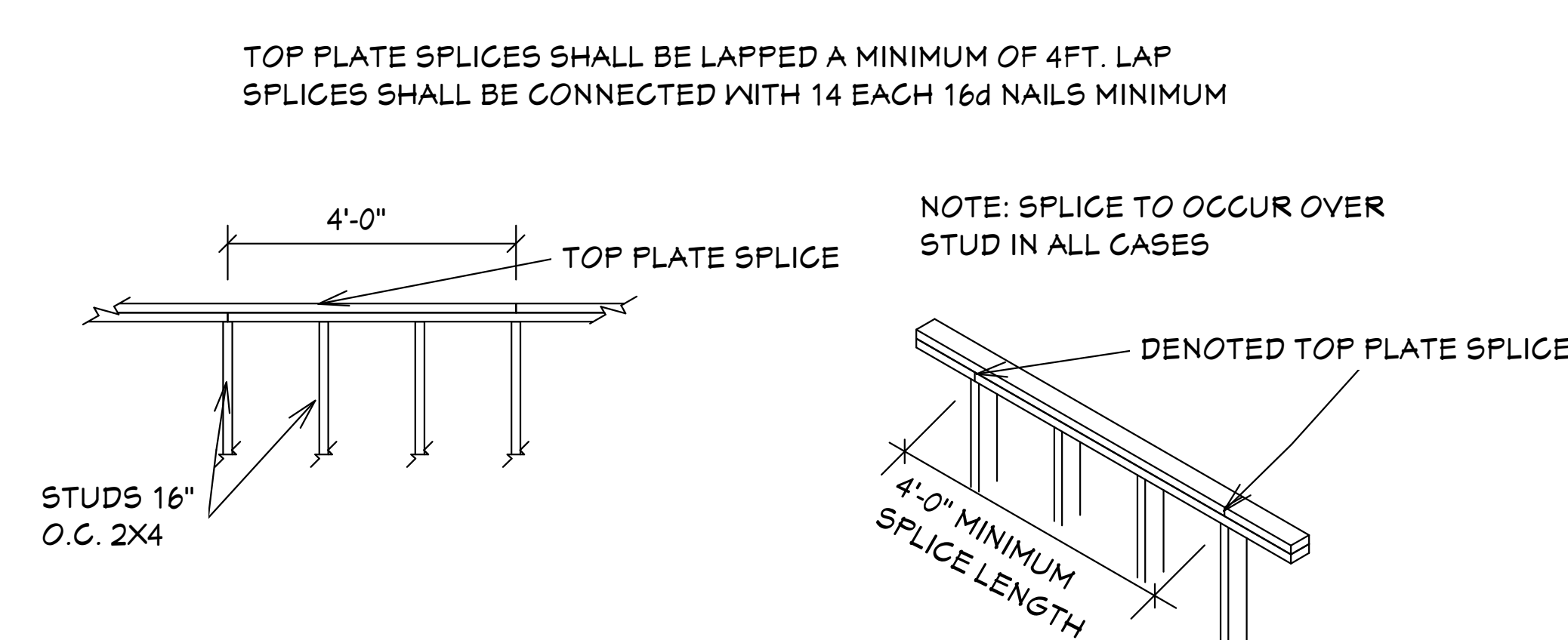
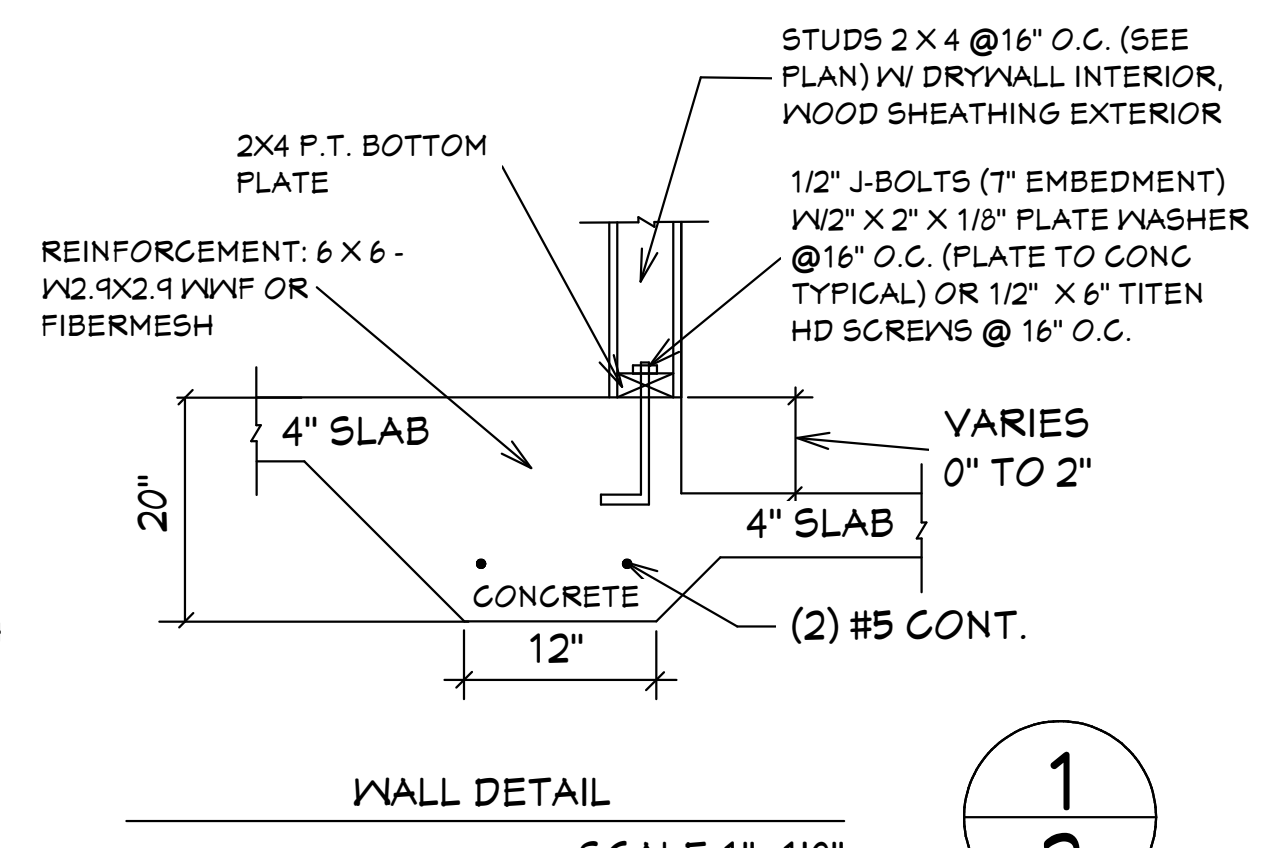
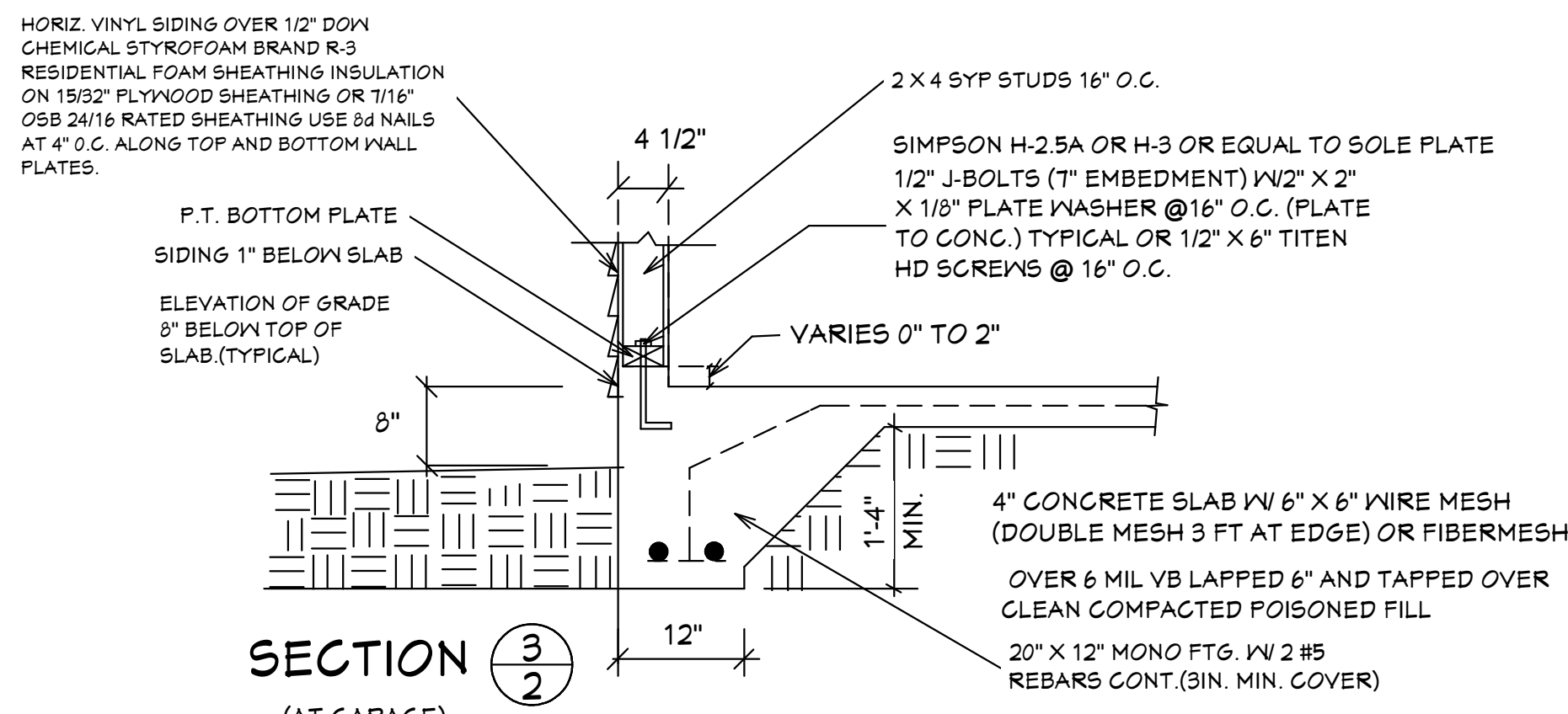
**DATE:** 03-12-2021

**SCALE:** 1/4" = 1'0"

**JOB#:** 2024-029

**SHEET**  
 1 OF 6 SHEET





**GENERAL NOTES**

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- MASONRY CONTRACTOR TO VERIFY MASONRY OPENING DIMENSIONS FOR ALL WINDOWS, SLIDING GLASS DOORS, & ENTRY DOORS AS SHOWN ON THESE PLANS WITH THE DOOR AND WINDOW MANUFACTURER PRIOR TO CONSTRUCTION.
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**REVISIONS:**

03-30-2021
03-18-2024

**UNDERLAYMENT MUST MEET REQUIREMENTS OF R905.1.1.1**

Option #1 a self-adhering polymer-modified bitumen underlayment complying with ASTM D1970 applied over the entire roof.

Option #2 a minimum 4-inch wide strip of self-adhering polymer-modified bitumen complying with ASTM D1970 or a minimum 3/4 - inch wide strip of self-adhering flexible flashing tape complying with AAMA T11, applied over all joints in the roof decking. A felt underlayment complying with ASTM D226 Type II, ASTM D4869 Type III or IV, or ASTM D6757, or a synthetic underlayment meeting the performance requirements specified, is required to be applied over the strips/tape over the entire roof. (See Table 1507.1.1.1 of the FBCB or Table R905.1.1.1 of the FBCB for fastener type and spacing).

Option #3 three layers of felt underlayment comply ASTM D226 Type II or ASTM D4869 Type III or IV, or three layers of a synthetic underlayment meeting the performance requirements specified

where felt underlayment is used, it must be 30# or equivalent (ASTM D 226 Type II, ASTM D4869 Types III or IV)

R905.2 ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING AND COMPLY WITH ASTM D-225 OR ASTM D-3462 AND SHINGLES NEED TO BE CLASSIFIED AS (H) OR (F) TABLE 1507.2 & TABLE R905.2.6.1

OVER 30# FELT (UNDERLAYMENT MEETS REQUIREMENTS OF R905.1.1.1) OVER 1/4\"/>

PRE-ENGINEERED WOOD TRUSSES 24\"/>

2 X 6 SUB FASCIA W/ALUM FASCIA & FLAT VINYL VENTED SOFFIT FL-16503.2. REFER TO BUILDER SUPPLIED PRODUCT APPROVALS SHEETS FOR INSTALLATION SPECIFICATIONS OF SOFFIT. SOFFIT IS IN COMPLIANCE WITH RT03.1.2.1 WIND RESISTANCE OF SOFFITS. SOFFITS AND THEIR ATTACHMENTS SHALL COMPLY WITH SECTION R704 OF THE 8TH EDITION OF THE 2023 F.R.B.C.

HORIZ. VINYL SIDING OR CEMENTITIOUS FINISH AND SELF FURRING WIRE LATH 2.5 OVER 2 LAYERS OF 15 # FELT OR TYVEK EQUIVALENT RT03

1/2\"/>

4\"/>

**Quattrone & Associates, Inc.**  
 Engineers, Planners, & Development Consultants  
 401 Veranda Shores Blvd., Fort Myers, FL 33916 (239) 936-5222  
 @QUATTRONE P.E. #192141

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 LEHIGH ACRES FL 33971  
 CELL: (239) 462-2734  
 E-MAIL: DHICKS922@AOL.COM

**BUILDER: HABITAT FOR HUMANITY**  
 4 BEDROOM 2 BATH HOME / 160 MPH WIND LOADING

**NEW RESIDENCE FOR:** / LOT- / BLOCK- / UNIT- / RANGE-  
 SECTION- / TOWNSHIP- / ADDRESS-  
 STRAP# ADDRESS:

**DRAWN BY:** DAVID HICKS  
**DATE:** 03-12-2021  
**SCALE:** 1/4"=1'-0"  
**JOB#:** 2024-029  
**SHEET** 2 OF 6

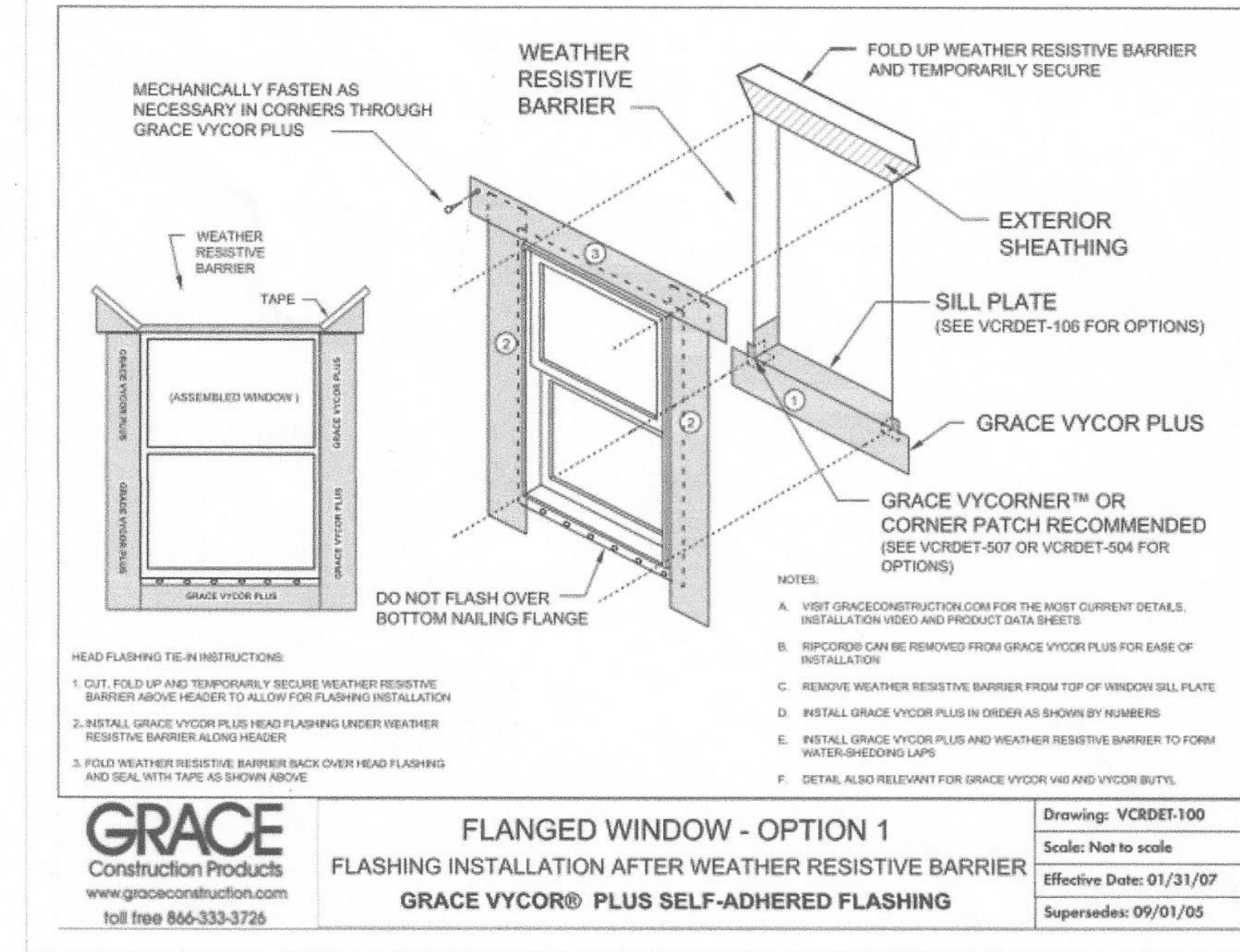
**03-18-2024 REVISION**

03-18-2024

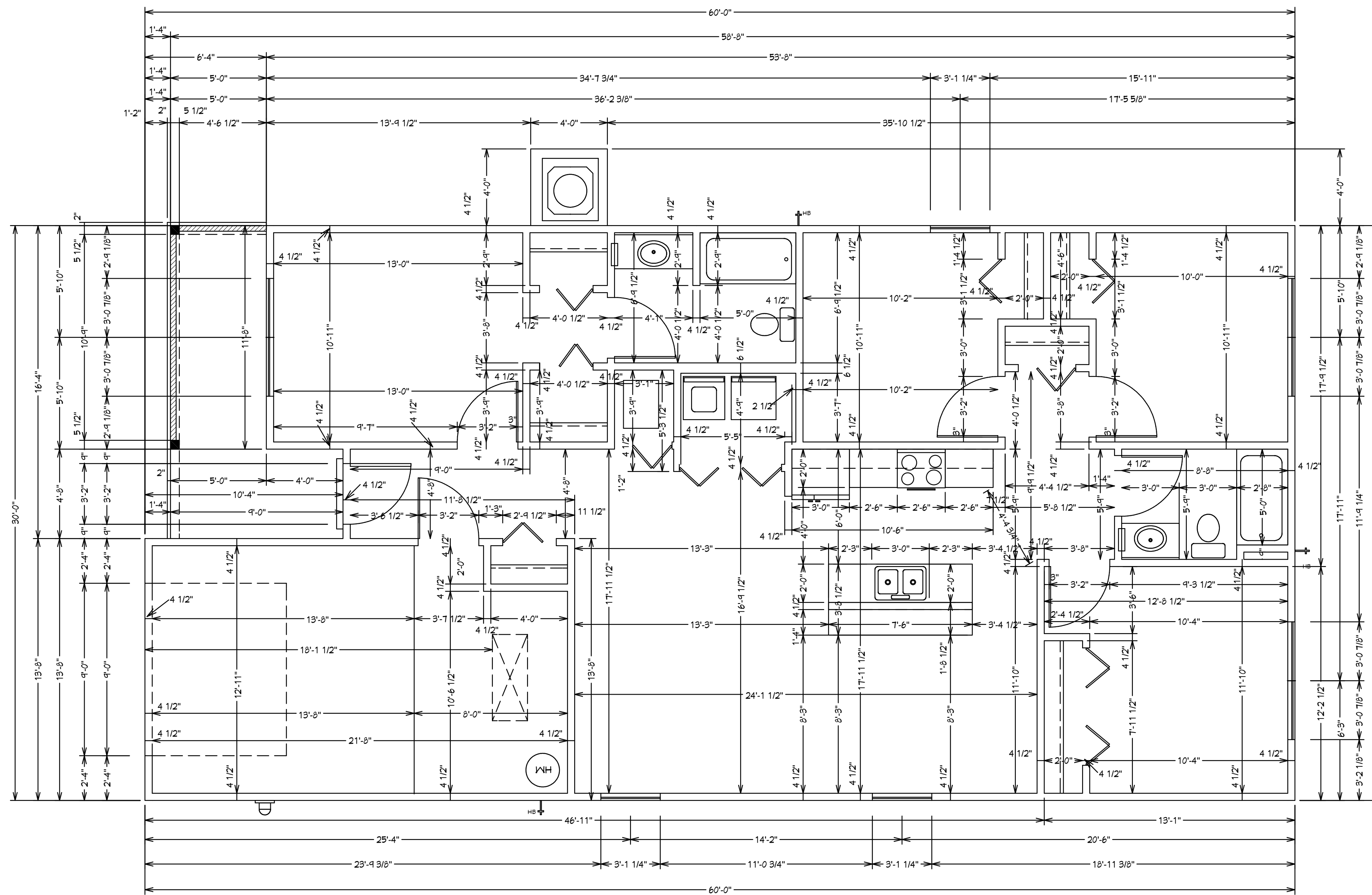


**R703.4 Flashing.**  
 Approved metal flashing, vinyl flashing, self-adhered membranes and mechanically attached flexible flashing shall be applied shingle-fashion or in accordance with the manufacturer's instructions. Metal flashing shall be corrosion resistant. Fluid-applied membranes used as flashing shall be applied in accordance with the manufacturer's instructions. All flashing shall be applied in a manner to prevent the entry of water into the wall cavity or penetration of water to the building structural framing components. Self-adhered membranes used as flashing shall comply with AAMA T11. All exterior fenestration products shall be sealed at the juncture with the building wall with a sealant complying with AAMA 800 or ASTM C420 Class 25 Grade NS or greater for proper joint expansion and contraction, ASTM C1281, AAMA 812, or other approved standard as appropriate for the type of sealant. Fluid-applied membranes used as flashing in exterior walls shall comply with AAMA T14. The flashing shall extend to the surface of the exterior wall finish. Approved flashings shall be installed at the following locations:

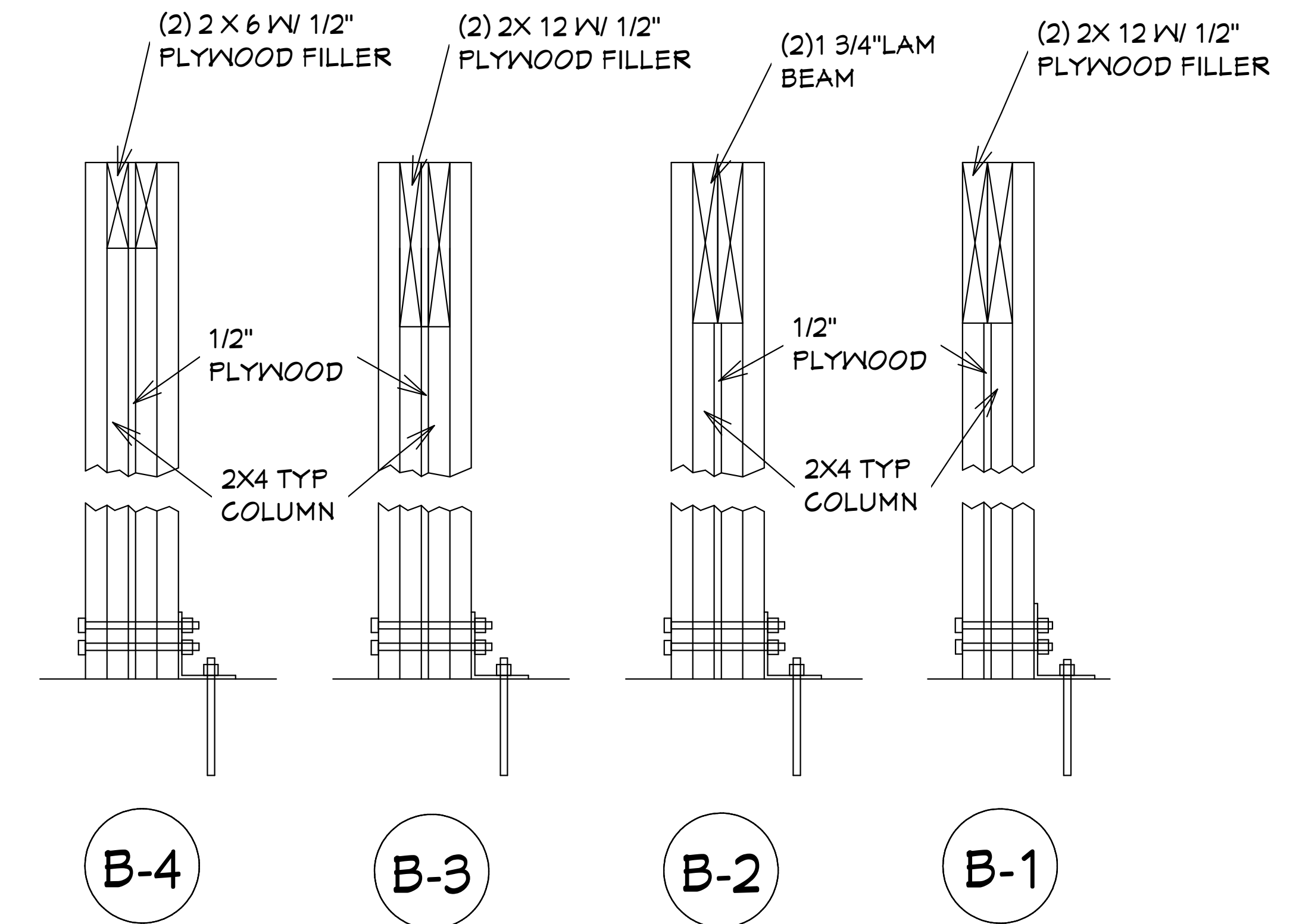
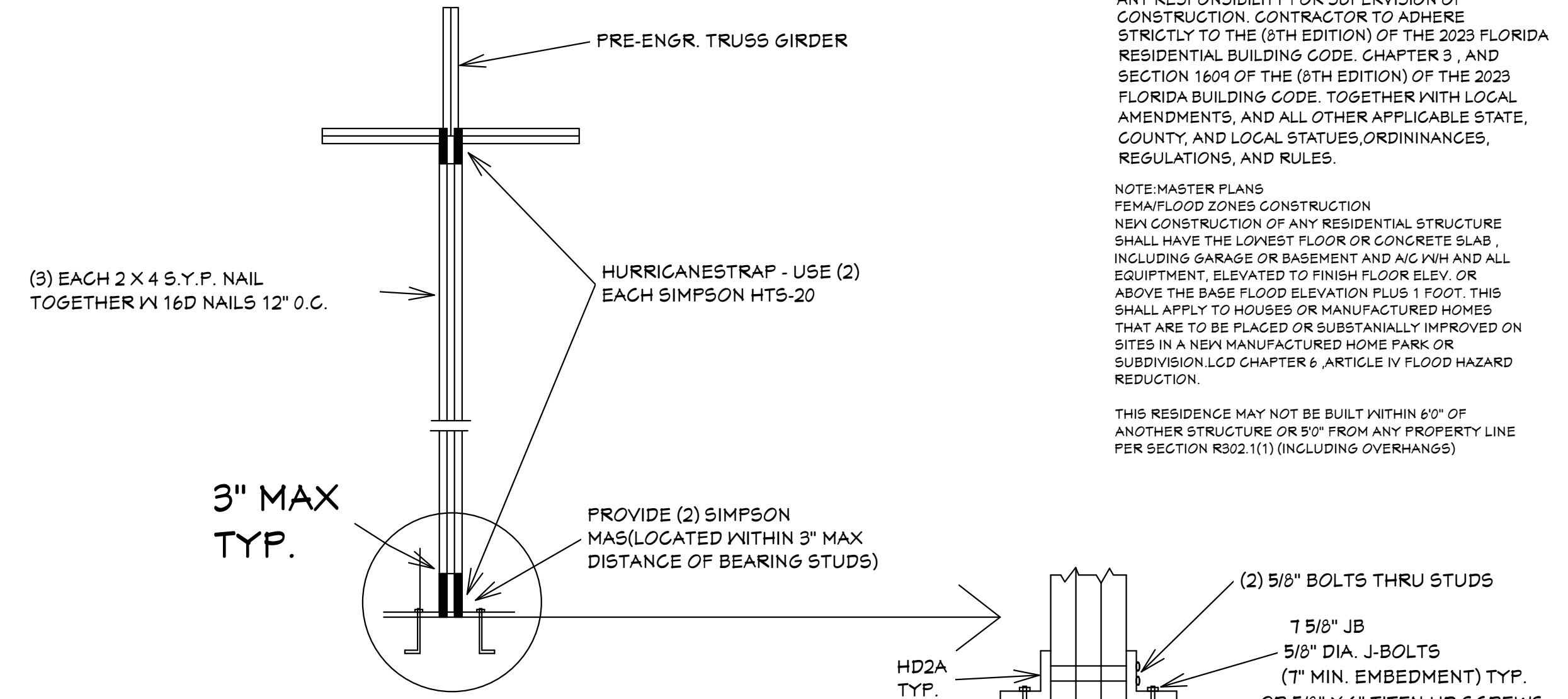
1. Exterior window and door openings. Flashing at exterior window and door openings shall extend to the surface of the exterior wall finish or to the water-resistive barrier complying with Section T03.2 for subsequent drainage. Mechanically attached flexible flashings shall comply with AAMA T12. Flashing at exterior window and door openings shall be installed in accordance with one or more of the following:
  - 1.1. The fenestration manufacturer's installation and flashing instructions, or for applications not addressed in the fenestration manufacturer's instructions, in accordance with the flashing or water-resistive barrier manufacturer's instructions. Where flashing instructions or details are not provided, pan flashing shall be installed at the sill of exterior window and door openings. Pan flashing shall be sealed or sloped in such a manner as to direct water to the surface of the exterior wall finish or to the water-resistive barrier for subsequent drainage. Openings using pan flashing shall incorporate flashing or protection at the head and sides.
  - 1.2. In accordance with the flashing design or method of a registered design professional.
  - 1.3. In accordance with other approved methods.
  - 1.4. In accordance with FMA/AAMA 100, FMA/AAMA 200, FMA/NDMA 250, FMA/AAMA/NDMA 300 or FMA/AAMA/NDMA 400, or FMA/AAMA/NDMA 2110.
2. At the intersection of chimneys or other masonry construction with frame or stucco walls, with projecting lips on both sides under stucco copings.
3. Under and at the ends of masonry wood or metal copings and sills.
4. Continuously above all projecting wood trim.
5. Where exterior porches, decks or stairs attach to a wall or floor assembly of wood-frame construction.
6. At wall and roof intersections.
7. At built-in gutters.



PAN FLASHING UNDER WINDOWS AND DOORS ON FRAME CONSTRUCTION NEED TO COMPLY WITH AAMA711 IF SELF-ADHERED MEMBRANES ARE USED AS FLASHING R703.4



DIMENSIONAL FLOOR PLAN



DETAIL

SCALE: 1 1/2" = 1'0"

**GENERAL NOTES**

1. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION. DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
2. MASONRY CONTRACTOR TO VERIFY MASONRY OPENING DIMENSIONS FOR ALL WINDOWS, SLIDING GLASS DOORS, & ENTRY DOORS AS SHOWN ON THESE PLANS WITH THE DOOR AND WINDOW MANUFACTURER PRIOR TO CONSTRUCTION.
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NOTE: MASTER PLANS FEMA FLOOD ZONES CONSTRUCTION NEW CONSTRUCTION OF ANY RESIDENTIAL STRUCTURE SHALL HAVE THE LOWEST FLOOR OR CONCRETE SLAB, INCLUDING GARAGE OR BASEMENT AND AC-PH AND ALL EQUIPMENT, ELEVATED TO FINISH FLOOR ELEV. OR ABOVE THE BASE FLOOD ELEVATION PLUS 1 FOOT. THIS SHALL APPLY TO HOUSES OR MANUFACTURED HOMES THAT ARE TO BE PLACED OR SUBSTANTIALLY IMPROVED ON SITES IN A NEW MANUFACTURED HOME PARK OR SUBDIVISION. LCD CHAPTER 6, ARTICLE IV FLOOD HAZARD REDUCTION.

THIS RESIDENCE MAY NOT BE BUILT WITHIN 60' OF ANOTHER STRUCTURE OR 50' FROM ANY PROPERTY LINE PER SECTION R302.1(1) (INCLUDING OVERHANGS)

**Quattrone & Associates, Inc.**  
 Engineers, Planners, & Development Consultants  
 4001 Veterans Memorial Blvd., Fort Myers, FL 33916 (239) 936-9222  
 4005 AL QUARTTONE P.E. #19241

COMPLIANCE STATEMENT  
 THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND THE DESIGN PARAMETERS FOR THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3 IN GENERAL AND SECTION 1609 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.

03-18-2024

**REVISIONS:**

03-30-2021
03-18-2024

HICKS DRAFTING & DESIGN  
 4216 5TH STREET W  
 LEHIGH ACRES FL 33971  
 CELL: (239) 462-2734  
 E-MAIL: DHICKS922@AOL.COM

PALMERA 2-A HIP MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 110 1/2" CANT

BUILDER: HABITAT FOR HUMANITY  
 4 BEDROOM 2 BATH HOME / 160 MPH WIND LOADING

NEW RESIDENCE FOR:  
 LOT: / BLOCK- / UNIT- / RANGE-  
 SECTION: / TOWNSHIP- /  
 STRAP# / ADDRESS:  
 ADDRESS:

DRAWN BY:  
 DAVID HICKS

DATE: 03-12-2021

SCALE: 1/4" = 1'0"

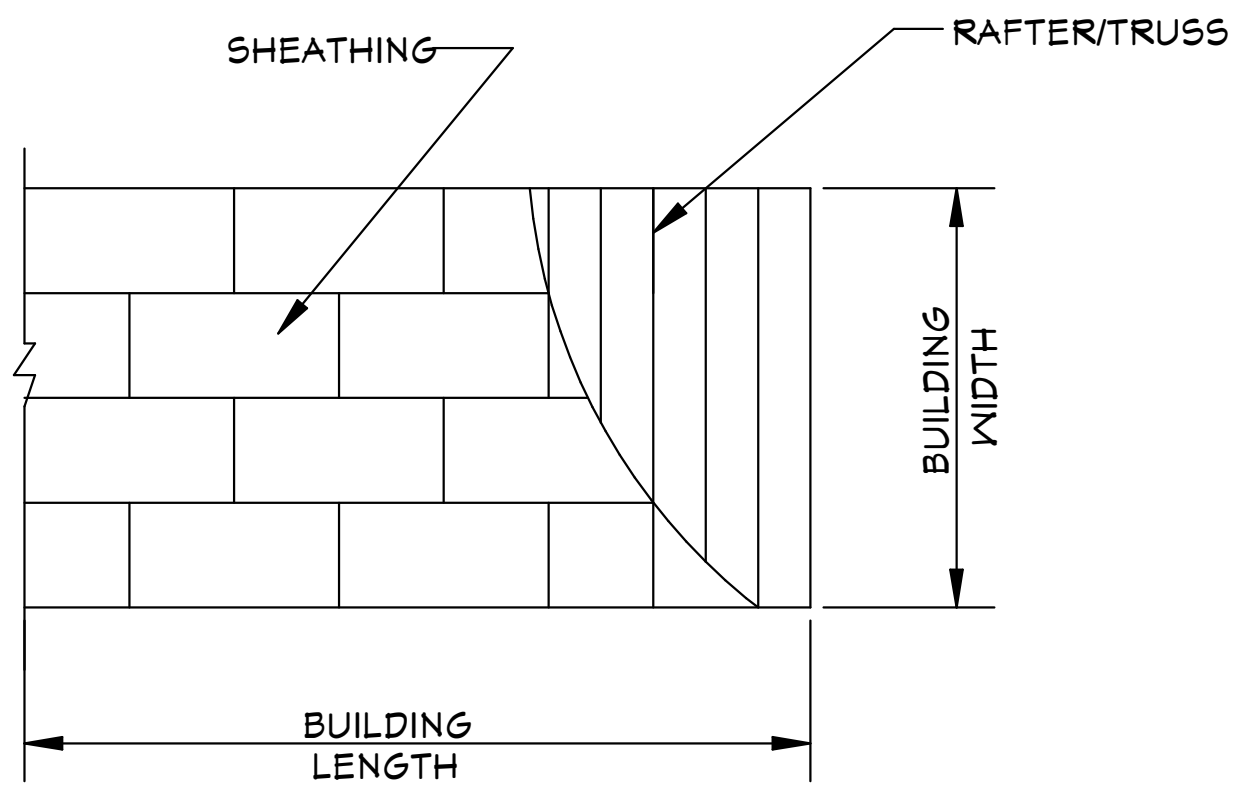
JOB#: 2024-029

SHEET  
 3 OF 6 SHEET

03-18-2024 REVISION







**ROOF SHEATHING LAYOUT FOR HIP ROOFS**

ONE WINDOW IN EACH BEDROOM SHALL PROVIDE 5.7 SQ. FT. OF EGRESS AREA MINIMUM CLEAR OPENING 20" W. AND 24" H.

MINIMUM 24" CLEAR OPENING IS REQUIRED FOR ACCESS TO ONE TOILET ROOM PER FLORIDA HANDICAP ACCESSIBILITY REQUIREMENTS.

ALL SMOKE DETECTOR CARBON MONOXIDE ALARM COMBOS TO BE INTERCONNECTED 110 VOLTS A.C.

LIGHTS IN CLOSETS TO COMPLY WITH SECT. 410-8 NEC.

PROVIDE GFI PER NEC 210-8

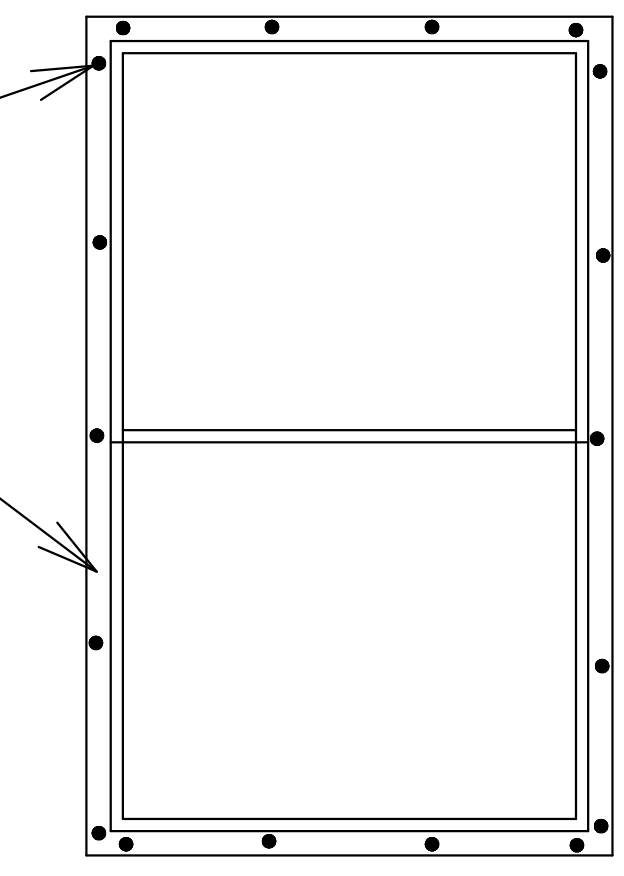
WATER CONSERVATION FIXTURES REQUIRED ORD#42-36

\*NOTE: ALL BRANCH CIRCUITS THAT SUPPLY 125-250 VOLT, SINGLE PHASE, 15 AND 20 AMPERE RECEPTACLE OUTLETS SHALL BE INSTALLED IN ALL ROOMS (INCLUDING BEDROOMS) EXCEPT THE BATHROOMS, AND UTILITY ROOM IN A DWELLING UNIT AND SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER(S). KITCHEN, BATHROOMS, UTILITY ROOM, AND NET AREA'S SHALL BE PROTECTED BY G.F.C.I. OUTLETS.

**SECTION R506 ROOF VENTILATION**  
 R506.1 Ventilation required.  
 Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain or snow. Ventilating openings shall have a least dimension of 1/16 inch (1.6 mm) minimum and 1/4 inch (6.4 mm) maximum. Ventilating openings having a least dimension larger than 1/4 inch (6.4 mm) shall be provided with corrosion-resistant wire cloth screening, hardware cloth, perforated vinyl or similar material with openings having a least dimension of 1/16 inch (1.6 mm) minimum and 1/4 inch (6.4 mm) maximum. Openings in roof framing members shall conform to the requirements of Section R502.1. Required ventilation openings shall open directly to the outside air and shall be protected to prevent the entry of birds, rodents, snakes and other similar creatures.  
 R506.2 Minimum vent area.  
 The minimum net free ventilating area shall be 1/150 of the area of the vented space.  
 Exception: The minimum net free ventilating area shall be 1/300 of the vented space, provided that not less than 40 percent and not more than 50 percent of the required ventilating area is provided by ventilators located in the upper portion of the attic or rafter space. Upper ventilators shall be located not more than 3 feet (914 mm) below the ridge or highest point of the space, measured vertically. The balance of the required ventilation provided shall be located in the bottom one-third of the attic space. Where the location of wall or roof framing members conflicts with the installation of upper ventilators, installation more than 3 feet (914 mm) below the ridge or highest point of the space shall be permitted.  
 R506.3 Vent and insulation clearance.  
 Where eave or cornice vents are installed, blocking, bridging and insulation shall not block the free flow of air. Not less than a 1-inch (25 mm) space shall be provided between the insulation and the roof sheathing and at the location of the vent.  
 R506.4 Installation and weather protection.  
 Ventilators shall be installed in accordance with manufacturer's instructions. Installation of ventilators in roof systems shall be in accordance with the requirements of Section R403. Installation of ventilators in wall systems shall be in accordance with the requirements of Section R103.1.  
 R506.5 Unvented attic and unvented enclosed rafter assemblies.  
 Unvented attics and unvented enclosed rafter assemblies created by ceilings that are applied directly to the underside of the roof framing members and structural roof sheathing applied directly to the top of the roof framing members/rafters, shall be permitted where all the following conditions are met:  
 1. The unvented attic space is completely within the building thermal envelope.  
 2. No interior Class I vapor retarders are installed on the ceiling side (attic floor) of the unvented attic assembly or on the ceiling side of the unvented enclosed rafter framing assembly.  
 3. Where wood shingles or shakes are used, a minimum 1/4-inch (6.4 mm) vented airspace separates the shingles or shakes and the roofing underlayment above the structural sheathing.  
 4. In Climate Zones 5, 6, 7 and 8, any air-impermeable insulation shall be a Class II vapor retarder, or shall have a Class II vapor retarder coating or covering in contact with the underside of the insulation.  
 5. Insulation shall comply with Item 5.3 and Item 5.1. As an alternative, where air-permeable insulation is located on top of the attic floor or on top of the attic ceiling, insulation shall comply with Item 5.3 and Item 5.2.  
 5.1. Item 5.1.1, 5.1.2, 5.1.3 or 5.1.4 shall be met, depending on the air permeability of the insulation directly under the structural roof sheathing.  
 5.1.1 Where only air-impermeable insulation is provided, it shall be applied in direct contact with the underside of the structural roof sheathing.  
 5.1.2 Where air-permeable insulation is provided inside the building thermal envelope, it shall be installed in accordance with Section 5.1.1. In addition to the air-permeable insulation installed directly below the structural sheathing, rigid board or sheet insulation shall be installed directly above the structural roof sheathing in accordance with the R-values in Table R506.5 for condensation control.  
 5.1.3 Where both air-impermeable and air-permeable insulation are provided, the air-impermeable insulation shall be applied in direct contact with the underside of the structural roof sheathing in accordance with Item 5.1.1 and shall be in accordance with the R-values in Table R506.5 for condensation control. The air-permeable insulation shall be installed directly under the air-impermeable insulation.  
 5.1.4 Alternatively, sufficient rigid board or sheet insulation shall be installed directly above the structural roof sheathing to maintain the monthly average temperature of the underside of the structural roof sheathing above 45°F (7°C). For calculation purposes, an interior air temperature of 65°F (20°C) is assumed and the exterior air temperature is assumed to be the monthly average outside air temperature of the three coldest months.  
 5.2. In Climate Zones 1, 2 and 3, air-permeable insulation installed in unvented attics on the top of the attic floor or on top of the ceiling shall meet the following requirements:  
 5.2.1 An approved vapor diffusion port shall be installed not more than 12 inches (305 mm) from the highest point of the roof, measured vertically from the highest point of the roof to the lower edge of the port.  
 5.2.2 The port area shall be greater than or equal to 1/600 of the ceiling area. Where there are multiple ports in the attic, the sum of the port areas shall be greater than or equal to the area requirement.  
 5.2.3 The vapor-permeable membrane in the vapor diffusion port shall have a vapor permeance rating of greater than or equal to 20 perms when tested in accordance with Procedure A of ASTM E96.  
 5.2.4 The vapor diffusion port shall serve as an air barrier between the attic and the exterior of the building.  
 5.2.5 The vapor diffusion port shall protect the attic against the entrance of rain and snow.  
 5.3 Where preformed insulation board is used as the air-impermeable insulation layer, it shall be sealed at the perimeter of each individual sheet interior surface to form a continuous layer.  
 THE ROOF VENTILATION MUST MEET ALL REQUIREMENTS OF SECTION R506 ROOF VENTILATION SHOWN ABOVE.  
 R506.2 MINIMUM AREA CALCULATIONS:  
 THE TOTAL NET FREE VENTILATING AREA SHALL BE NOT LESS THAN 1 TO 300 OF THE AREA OF THE SPACE VENTILATED.  
 1175 SQ FT TOTAL ATTIC AREA TO BE VENTILATED  
 1175 SQ FT DIVIDED BY 300 SQ FT = 3.92 SQ FT TOTAL VENTILATION REQUIRED.  
 CONVERT 10 SQ IN. = 0.694 SQ FT X 144 = 952.48 SQ IN.  
 952.48 SQ IN. DIVIDED BY 60% = 1587.47 SQ IN. AT SOFFITS AND 40% 340.99 SQ IN. AT RIDGE VENTS OR OFF RIDGE VENTS SEPARATE OR COMBINED.  
 (GODRA RIDGE VENT FL-4201-R11) PROVIDES 18 SQ IN PER LINEAL FT OF NET FREE VENTILATING AREA.  
 (TAMCO 40" ROUND OFF RIDGE VENT FL-16416-R3) PROVIDES 135 SQ IN PER OFF RIDGE VENT.  
 340.99 SQ IN DIVIDED BY 18 SQ IN PER FT OF GODRA RIDGE VENT = 18.94' NET FREE LINEAL FT REQUIRED (220" RIDGE VENT)  
 TOTAL OF VENTED SOFFIT REQUIRED = 511.48 SQ IN.  
 152.40 SQ IN. TOTAL SUPPLIED THAT MEETS THE REQUIREMENTS FOR SOFFIT VENTILATIONS. FL-16503.2 VINYL SOFFIT 12" TRIPLE 4 FULL O VENT EGO (NO. 0694) 4.18 SQ IN PER SQ FT

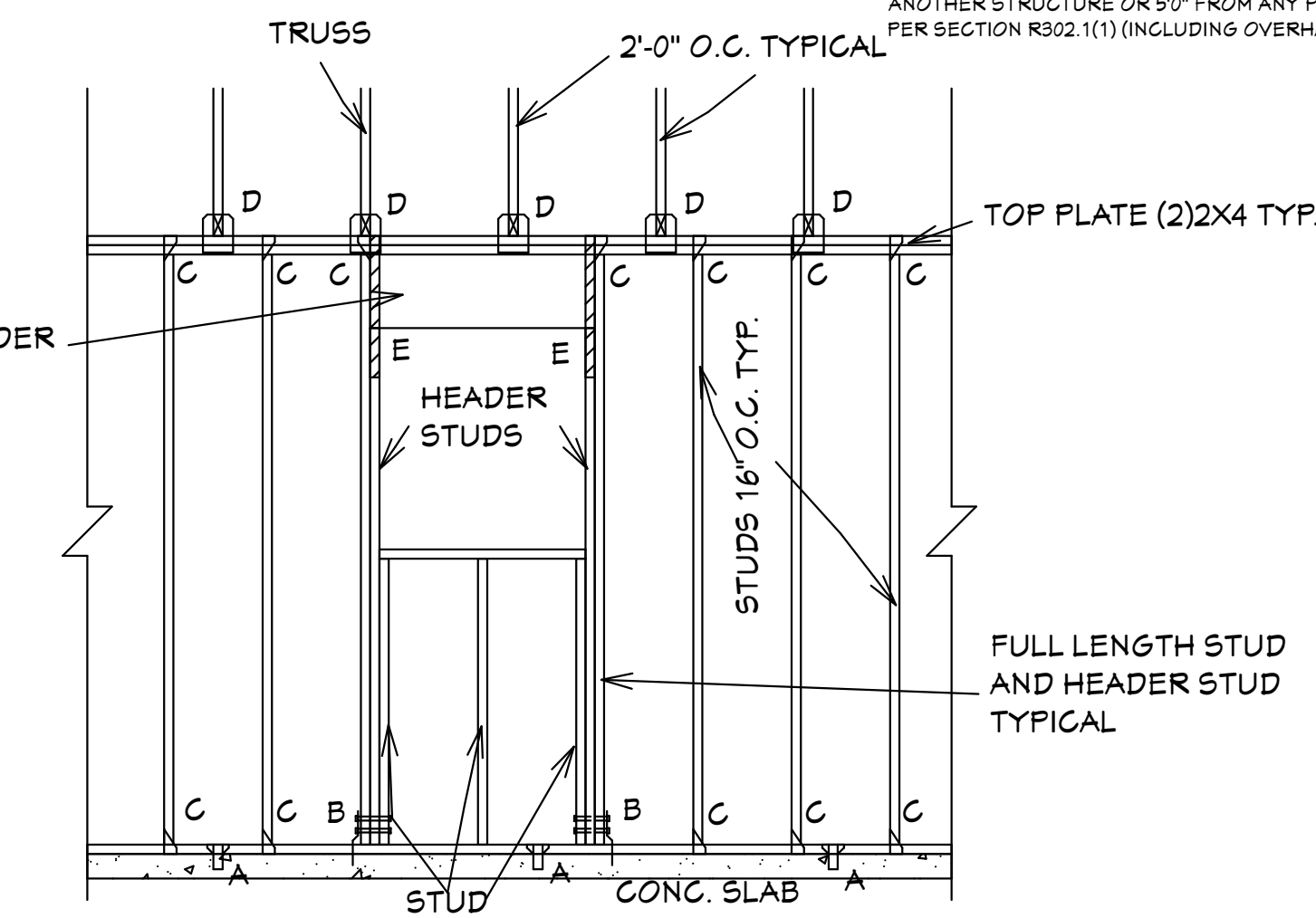
INDICATES LOCATION OF (1) 8d COMMON NAIL

ALUMINUM WINDOW FLANGE



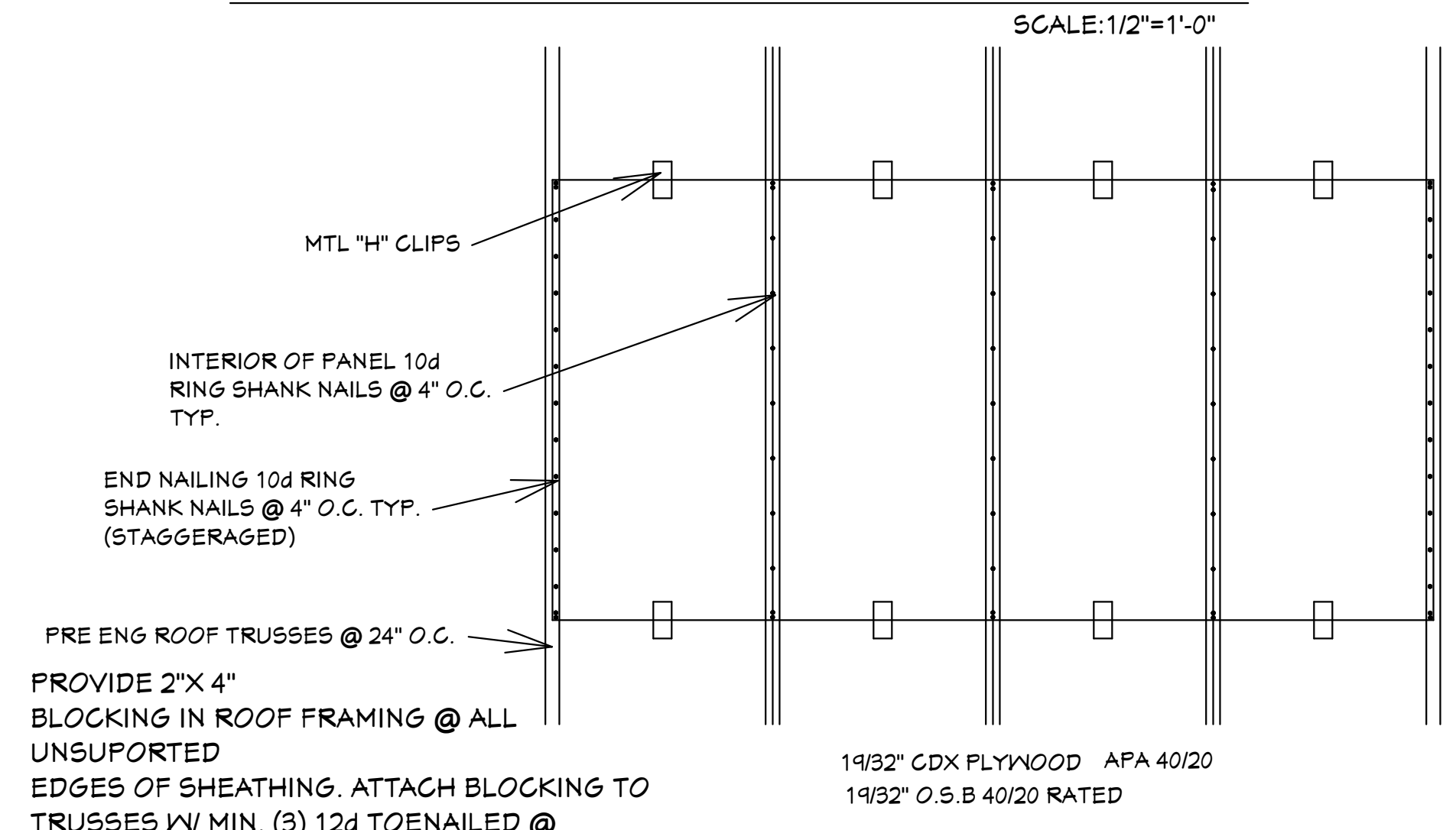
**TYPICAL WINDOW INSTALLATION DETAIL**

SYMBOL	DESCRIPTION
(AV Control)	Audio Video: Control Panel, Switch
(W)	DENOTES WALL OUTLET TAMPER RESISTANT
(GFCI)	DENOTES GFCI WALL OUTLET
(WP)	DENOTES WATER PROOF WALL OUTLET
(220)	DENOTES 220 VOLT WALL OUTLET
(F)	DENOTES FLOOR OUTLET
(C)	DENOTES COVERED FLOOR OUTLET
(T)	DENOTES T.V. OUTLET
(DB)	DENOTES DOOR BELL
(P)	DENOTES PHONE OUTLET
(T)	DENOTES THERMOSTAT
(200)	DENOTES 200 AMP SERVICE BOX
(S)	DENOTES WALL SWITCH
(3W)	DENOTES 3 WAY SWITCH
(4W)	DENOTES 4 WAY SWITCH
(5W)	DENOTES 5 WAY SWITCH
(D)	DENOTES DIMMER SWITCH
(WP)	DENOTES WATER PROOF SWITCH
(C/F)	DENOTES CEILING OR WALL FIXTURE
(FL)	DENOTES FLOOD LIGHTS
(R)	DENOTES RECESS FIXTURE
(FL)	DENOTES FLOR LIGHT
(EF)	DENOTES EXHAUST FAN
(SD)	DENOTES SMOKE DETECTOR
(CSD)	DENOTES SMOKE DETECTOR CARBON MONOXIDE ALARM COMBO
(J)	DENOTES JUNCTION BOX & COVER FOR FUTURE FAN
(J)	DENOTES JUNCTION BOX W/COVER
(Z)	DENOTES ZENFLEX LOW VOLTAGE LIGHTING SYSTEM
(C5/C6)	Wall Jacks: CAT5, CAT5 + TV, TV/Cable
(I)	Intercom
(SP)	Speakers: Ceiling Mounted, Wall Mounted
(R)	240V Receptacle
(T)	Thermostat
(L)	Wall Mounted Light Fixtures: Flush Mounted, Wall Sconce
(C)	Chandelier Light Fixture



"A" SIMPSON MAS CONNECTOR WITH (6) 10d X 1 1/2" NAILS @ 2'-0" O.C. (PLATE TO SLAB) OR 1/2" J-BOLT (1" MINIMUM EMBEDMENT) AND 2" X 2" X 1/8" PLATE WASHER @ 16" O.C. OR 1/2" X 6" TITEN HD SCREWS @ 16" O.C.  
 "B" SIMPSON HD-3B SHEAR WALL HOLDOWN W/ (2) 5/8" DIA. BOLTS PER STUD AND (1) 5/8" X 6" LONG EXPANSION BOLT  
 "C" SIMPSON H-2.5A OR H-3 OR EQUAL (STUD TO PLATE)  
 "D" SIMPSON H10A WITH (18) 10d X 1 1/2" NAILS OR EQUAL (TRUSS TO PLATE)  
 "E" SIMPSON LSTA-18 WITH (14) 10d NAILS

**FRAMING DETAIL (TYP.)**



**ROOF SHEATHING DETAIL**

THIS RESIDENCE MAY NOT BE BUILT WITHIN 60" OF ANOTHER STRUCTURE OR 50' FROM ANY PROPERTY LINE PER SECTION R302.1(1) (INCLUDING OVERHANGS)

**GENERAL NOTES**  
 1. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION. DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.  
 2. MASONRY CONTRACTOR TO VERIFY MASONRY OPENING DIMENSIONS FOR ALL WINDOWS, SLIDING GLASS DOORS, & ENTRY DOORS AS SHOWN ON THESE PLANS WITH THE DOOR AND WINDOW MANUFACTURER PRIOR TO CONSTRUCTION.  
 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK THESE PLANS FOR DIMENSIONAL ERRORS AND/OR OMISSIONS PRIOR TO CONSTRUCTION. IF ANY ERRORS OR OMISSIONS EXIST IN THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY HICKS DRAFTING & DESIGN IN WRITING WITHIN 10 DAYS OF RECEIPT OF PLANS AND PRIOR TO ANY CONSTRUCTION OR CONTRACTOR ASSUMES ALL THE RESPONSIBILITY FOR THE RESULTS AND ALL THE COSTS OF RECTIFYING THE SAME.  
 4. HICKS DRAFTING & DESIGN DOES NOT ASSUME ANY RESPONSIBILITY FOR SUPERVISION OF CONSTRUCTION. CONTRACTOR TO ADHERE STRICTLY TO THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3, AND SECTION 1609 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE, TOGETHER WITH LOCAL AMENDMENTS, AND ALL OTHER APPLICABLE STATE, COUNTY, AND LOCAL STATUTES, ORDINANCES, REGULATIONS, AND RULES.  
 NOTE: MASTER PLANS  
 FEMA FLOOD ZONES CONSTRUCTION  
 NEW CONSTRUCTION OF ANY RESIDENTIAL STRUCTURE SHALL HAVE THE LOWEST FLOOR OR CONCRETE SLAB, INCLUDING GARAGE OR BASEMENT AND A/C UNIT AND ALL EQUIPMENT, ELEVATED TO FINISH FLOOR ELEV. OR ABOVE THE BASE FLOOD ELEVATION PLUS 1 FOOT. THIS SHALL APPLY TO HOUSES OR MANUFACTURED HOMES THAT ARE TO BE PLACED OR SUBSTANTIALLY IMPROVED ON SITES IN A NEW MANUFACTURED HOME PARK OR SUBDIVISION LCD CHAPTER 6, ARTICLE IV FLOOD HAZARD REDUCTION.  
 THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND THE DESIGN PARAMETERS FOR THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3 IN GENERAL AND SECTION 1609 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.

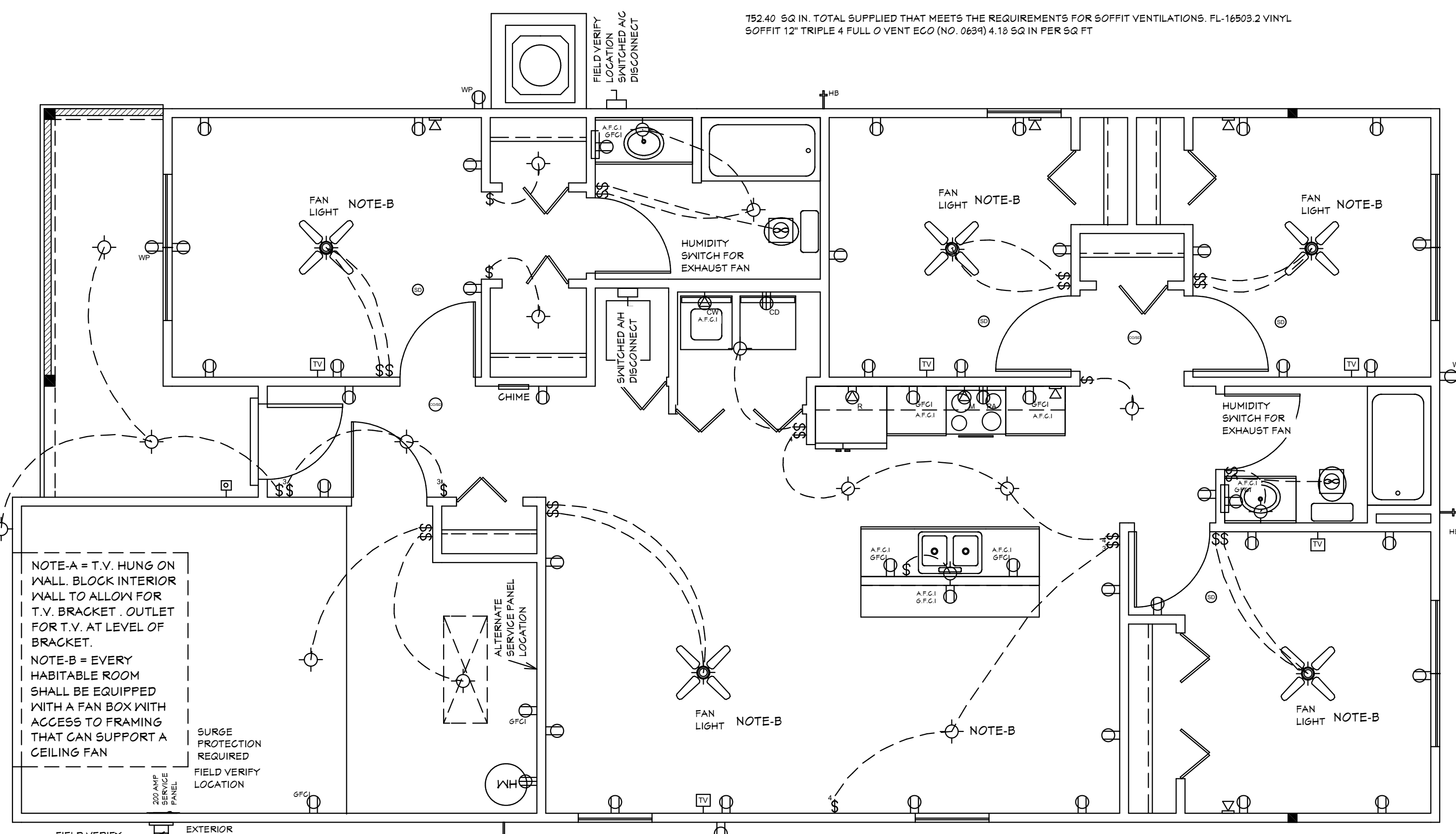
**Quattrone & Associates, Inc.**  
 Engineers, Planners, & Development Consultants  
 401 Veneta Shores Blvd., Fort Myers, FL 33916 (813) 936-5222  
 QUATTRO@QUATTRO.COM  
 QUATTRO.P.E.#19241

**REVISIONS:**  
 03-30-2021  
 03-18-2024

**HICKS DRAFTING & DESIGN**  
 4216 5TH STREET W  
 LEHIGH ACRES FL 33971  
 CELL: (239) 462-2734  
 E-MAIL: DHICKS922@AOL.COM

**BUILDER: HABITAT FOR HUMANITY**  
 4 BEDROOM 2 BATH HOME / 160 MPH WIND LOADING  
 NEW RESIDENCE FOR: / UNIT- / RANGE-  
 LOT- / BLOCK- / TOWNSHIP- / ADDRESS:  
 ADDRESS:

**DRAWN BY:**  
 DAVID HICKS  
**DATE:** 03-12-2021  
**SCALE:** 1/4"=1'-0"  
**JOB#:** 2024-029  
**SHEET**  
 5 OF 6 SHEET



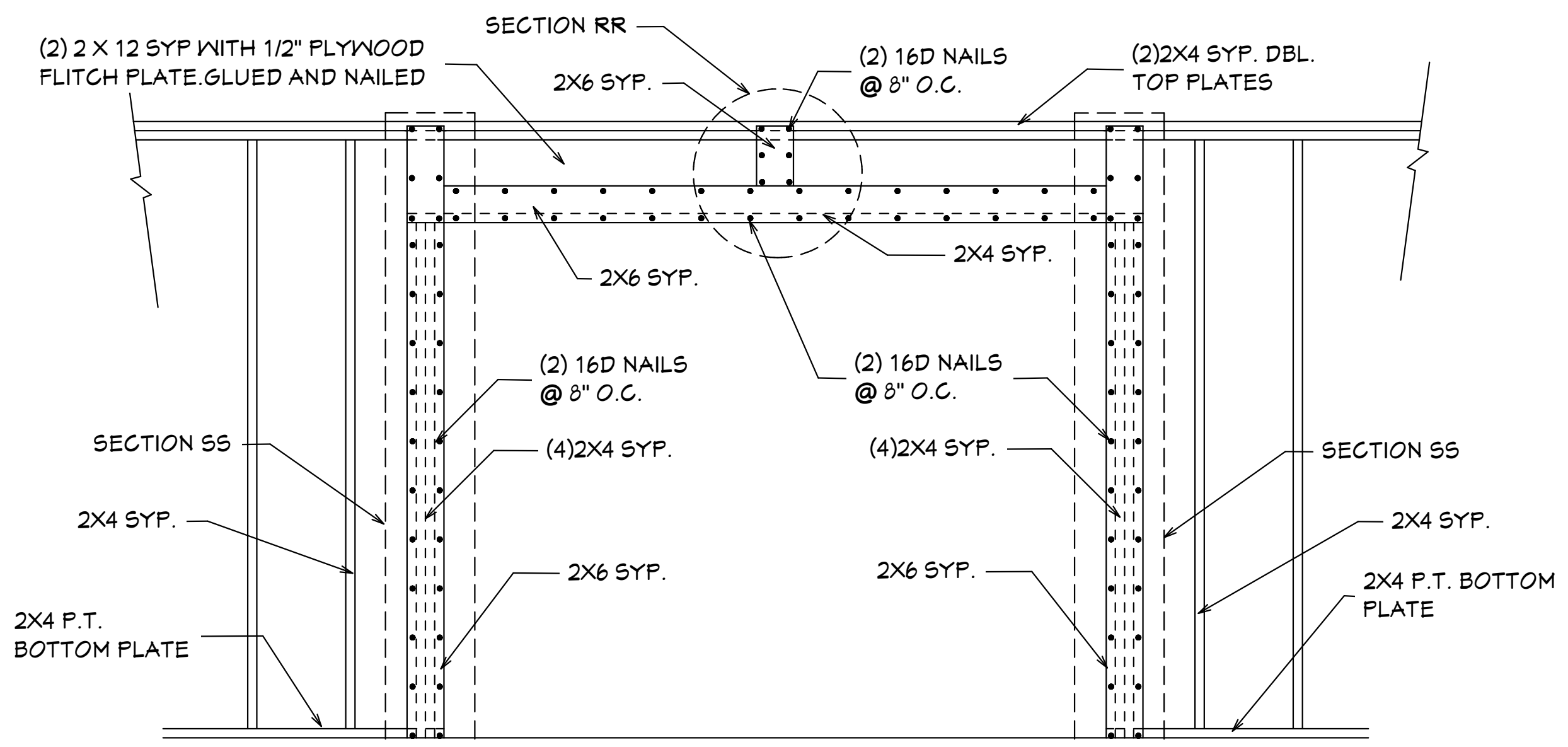
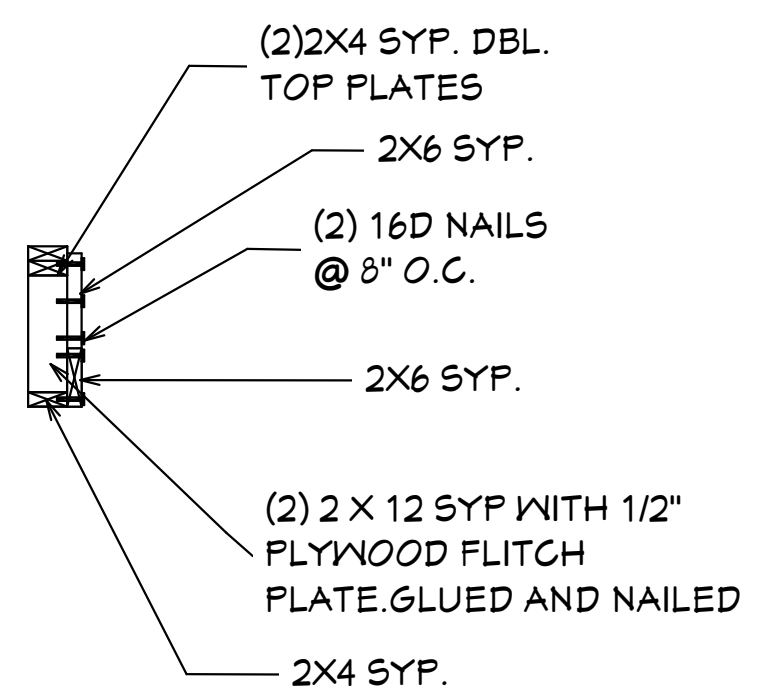
**ELECTRICAL PLAN**

PALMERA 2-A HIP MODEL / RIGHT HAND GARAGE MONO FOOTER / 2023 CODE / 110 112" GANT  
 03-18-2024 REVISION

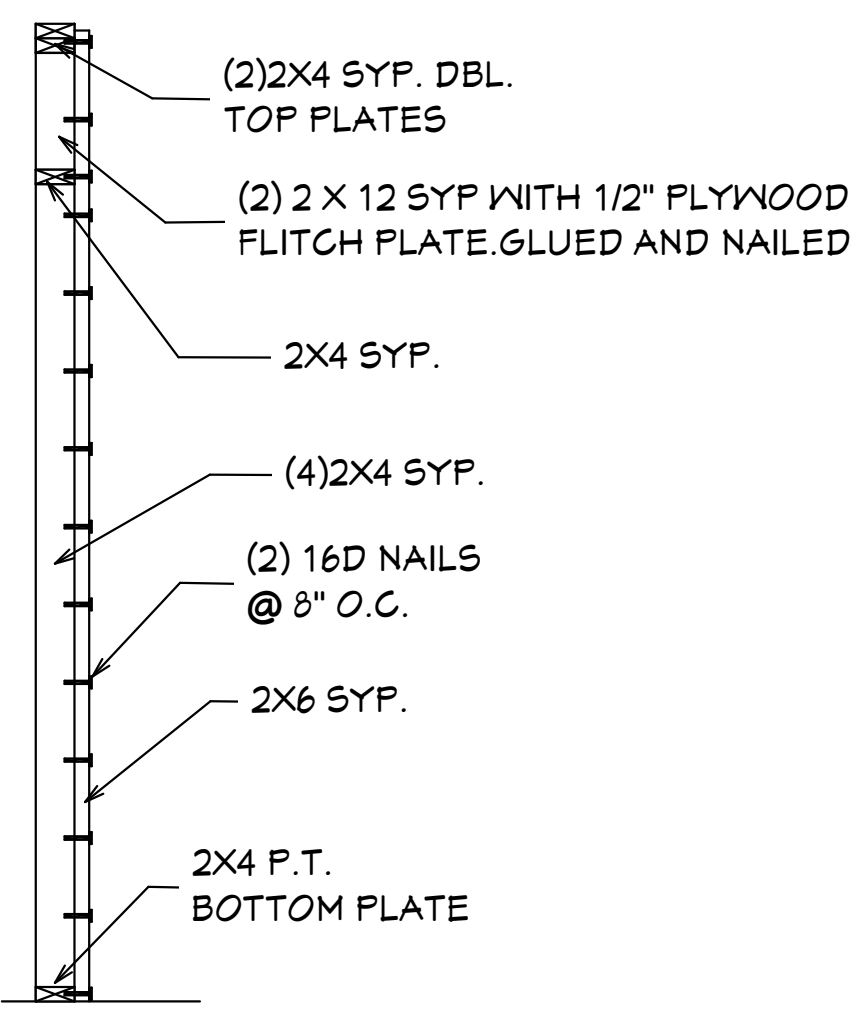
03-18-2024



## RR SECTION



## SS SECTION



# OVERHEAD GARAGE DOOR BUCKING DETAIL

## GENERAL

- This building/structure has been designed in accordance with the (8TH EDITION) OF THE 2023 Residential Edition of the Florida Building Code, CHAPTER 3 AND SECTION 1609 OF THE 8TH EDITION OF THE 2023 FLORIDA BUILDING CODE for design pressures generated by 3 second gust design wind velocity of 160 mph, structural calculations, as necessary to confirm compliance with the 8th edition of the 2023 Residential Edition of the Florida Building Code, have been performed.
- David Hicks, and HICKS DRAFTING & DESIGN have not been retained to provide, nor is responsible for, the field supervision, inspection, or construction administration of this project. The owner, or general contractor is responsible for: field supervision, construction administration, review and approval of all shop drawings, verification on-site of all dimensions and elevations, and strict compliance with these construction documents as approved by Lee County drawn by David Hicks, and reviewed by ENGINEER OF RECORD.
- Exterior glazing shall be impact resistant or protected with an impact resistant covering meeting the requirements of SST2 D-1, ASTM 1886 and ASTM E 1946, or Miami-Dade PA201, 202, and 203, meeting the requirements of the Large Missile Test.
- All windows, doors and other such systems, components and cladding shall be designed in accordance with CHAPTER 3 of the 8TH EDITION OF THE 2023 FLORIDA BUILDING CODE for design pressures generated by a three second gust design wind velocity of 160 mph. See "Design Parameters" for specific pressures.
- Contractor shall notify the owner in writing prior to construction of any discrepancy between plans and on-site dimensions and elevations.

## FASTENERS AND CONNECTORS

- Connectors, anchors, and other fastening devices shall be installed in accordance with the manufacturer's recommendations.
- Where fasteners are not otherwise indicated, fasteners shall be provided in accordance with the 8th edition of the 2023 Residential Edition of the Florida Building Code.
- Nails, screws, or bolts shall be able to resist the forces specified in the 8th edition of the 2023 Residential Florida Building Code, chapter 3.
- Metal plates, connectors, screws, bolts and nails exposed directly to the weather or subject to salt corrosion in coastal areas shall be stainless steel, or not dipped galvanized, after the fastener or connector is fabricated, to form a zinc coating not less than 1 oz per sq ft, or hot dipped galvanized coated with a minimum of 1.8 oz per sq ft of steel meeting the requirements of ASTM A 40 Triple Spot Test.
- Unless otherwise stated, sizes given for nails are common wire nails. For example,  $8d = 2 \frac{1}{2}$  inches long x 0.131 inch diameter. See Table 12.3B, columns 2, 3, and 4 in the National Design Specifications for Wood Construction.

## FOOTINGS AND FOUNDATIONS

### GENERAL

- All exterior walls, bearing walls, and columns, shall be supported on continuous concrete footings, to support safely the loads imposed as determined from the character of the soil.
- Refer to standard details for typical foundation details.
- Concrete shall have a minimum specified compressive strength of 3000 psi at 28 days.
- Reinforcing Steel shall be minimum Grade 40 and identified in accordance with ASTM A 615, A 616, A 617, or A 706.
- Minimum concrete cover over reinforcing bars shall be 3 inches. In narrow footings where there is insufficient concrete cover to accommodate a standard 90 degree hook, the hook shall be rotated in the horizontal direction until the required concrete cover is achieved.
- All concrete is to be mixed, transported, and placed in accordance with the latest ACI Specifications and Recommendations.
  - Foundations have been designed for an allowable soil bearing pressure of 2,000 P5F.
- Provide granular fill, clay materials are unacceptable. Existing Soil under footing and slabs shall be compacted to 95% of AASHTO T-99.
- Fill shall be placed and compacted in one foot lifts.

## CONCRETE FLOORS

- Concrete floors shall be cast in place.
- Concrete shall have a minimum compressive strength of not less than 3,000 psi at 28 days.
- The top of a monolithic slab-on-grade shall be at least 8 inches above finished grade.
- The slab shall be 4 inches thick.
- The slab shall have 6x6  $\times 2 \frac{9}{16}$  welded wire fabric at mid-height.
- A double layer of welded wire fabric shall be provided around the perimeter of the slab at a distance of 3 ft. from the edge. See Standard Details.
- Welded wire fabric shall conform to ASTM A-185 and free of oil and rust. It shall be installed in lengths as long as possible lapped a minimum of six inches.

## CONNECTIONS FOR EXTERIOR WALL FRAMING

- Framing members in exterior wall systems shall be fastened together in accordance with the 8th edition of the 2023 Residential Edition of the Florida Building Code.
- Uplift connectors shall be provided to resist the uplift loads.
- Uplift load resistance shall be continuous from roof to foundation.
- Studs shall be connected to plates and plates to floor framing with connectors designed, rated, and approved for each individual location and condition.

## EXTERIOR WALLS

- Exterior wall segments shall not contain openings which when added together will exceed 144 sq in (1 sq ft) in any individual segment.
- Minimum length of a sheanwall segment shall be 2'-5".
- Studs shall be doubled at each end of each sheanwall segment.
- Joints shall be lap-spliced. Within the center third of a wall length, the minimum lap shall be 4 feet. Lap splices shall be connected with 14 16d common nails.

## WALL SHEATHING

- Panels shall be 15/32" exposure 1 C-D sheathing grade plywood OR 7/16" OSB 24/16 RATED and shall be installed as follows. Panels shall be installed with face grain parallel to studs. All horizontal joints shall occur over framing and shall be attached per Standard Details. Flatuse blocking shall be used at all horizontal panel joints. Panels shall be attached to bottom plates and top member of the double top plate. Lowest plates shall be attached to foundation with bolts or connectors of sufficient capacity to resist the uplift forces developed in the plywood sheathed walls. Panel attachment to framing shall be as illustrated in the Detail Sheets. Where windows and doors interrupt plywood sheathing, framing anchors or connectors shall be used to resist the appropriate uplift loads.

## ANCHOR DOWN CONNECTORS

- Exterior walls require anchor downs to resist overturning moment.
- Two studs and anchor down are required at each end of each sheanwall segment.
- The anchor down shall be fastened through the doubled studs and to the construction below in accordance with the manufacturer's recommendations.

## ROOF SHEATHING

- Roof sheathing shall be 1 1/2" thick Exposure 1 C-D sheathing grade plywood OR 1 1/2" OSB 40/20 RATED (wood structural panels) or equivalent.
- The sheathing shall be installed in accordance with Detail Sheets.
- Long dimension shall be perpendicular to framing and end joints shall be staggered.



NOTE: ADD BLOCKING AS REQUIRED FOR HANDI CAP GRAB BARS IN ALL MODELS. VERIFY LOCATIONS OF BLOCKING BEFORE START OF CONSTRUCTION

I AL QUATTRONE HAVE REVIEWED TRUSS LAYOUT AND THE TRUSS CONNECTOR SCHEDULE BASED ON TRUSS LAYOUT BY RAYMOND BUILDING SUPPLY / RBS 14083343M3 GR DATED 01-22-2024 WITH 2023 CODE REVISION

UPLIFT EXCEEDING #1000	TRUSS IDENTIFICATION	WINDLOAD CONNECTORS
1243	A-01	(2) HTS-20

ALL OTHER TRUSSES:

WOOD FRAME	1000	H-10	(16)-8D X 1-1/2
MASONRY			

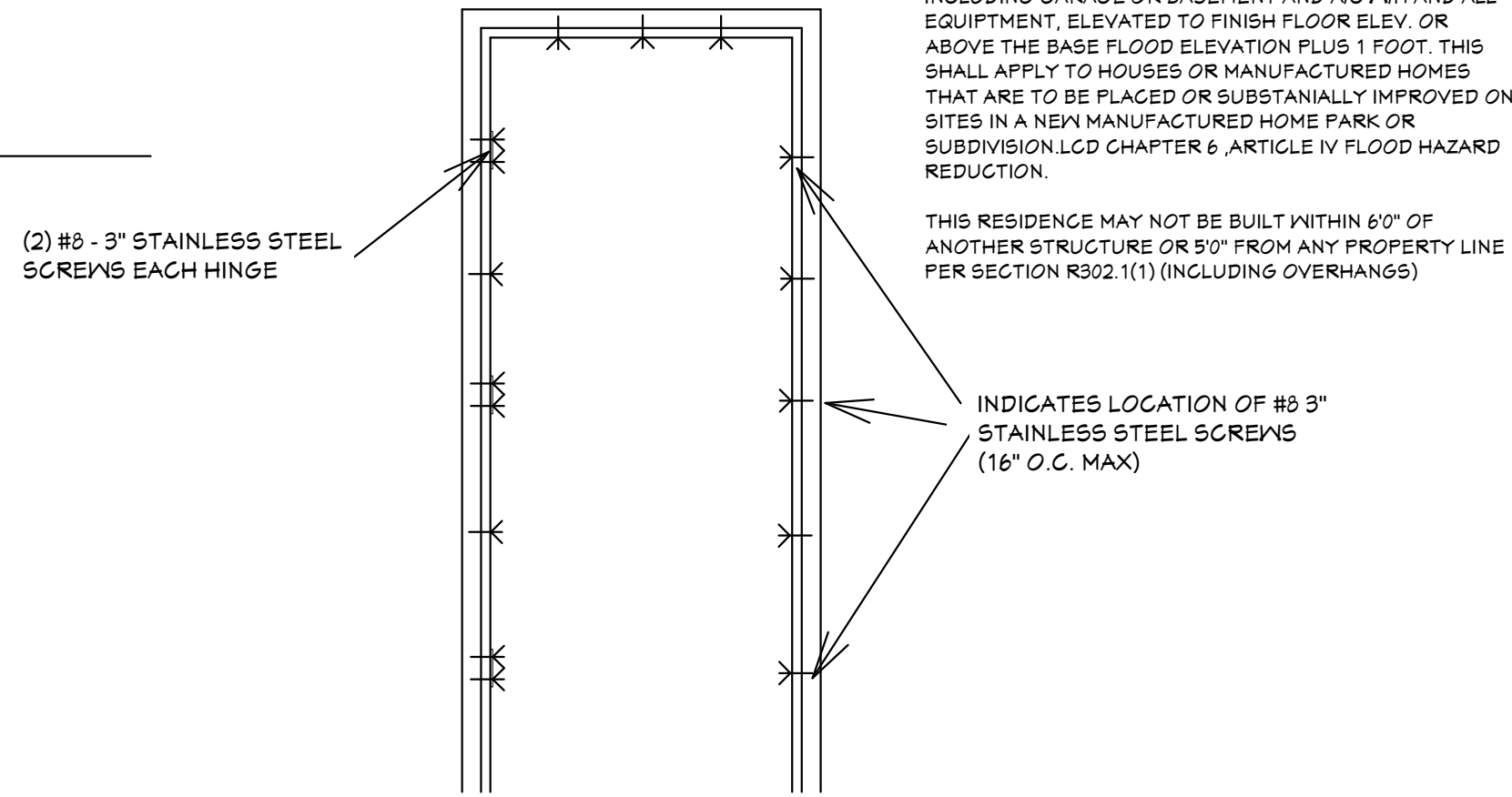
- INFORMATION ABOVE FROM TRUSS DESIGN WHICH WAS PREPARED BY RAYMOND BUILDING SUPPLY, FT MYERS, FL. TRUSS DESIGNATIONS CORRESPOND WITH RAYMOND DOCUMENT.
- ALL ANCHORS SHOWN AS MFD. BY SIMPSON STRONG TIE OR EQUAL.
- ALL LOADS IN POUNDS.
- LOADS NOT SHOWN: LESS THAN 5K GRAVITY AND 1K UPLIFT.

## TRUSS FASTENER REQUIREMENTS

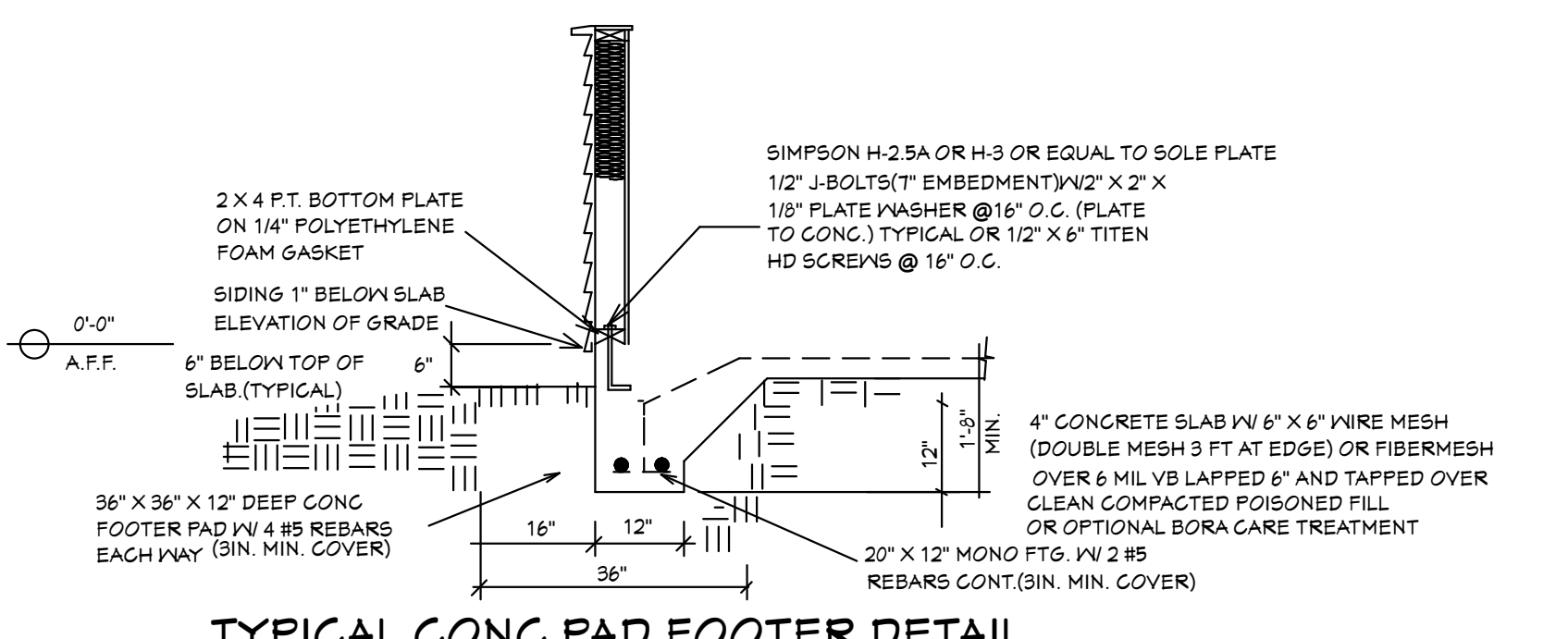
- GENERAL NOTES
- CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION. DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
  - MASONRY CONTRACTOR TO VERIFY MASONRY OPENING DIMENSIONS FOR ALL WINDOWS, SLIDING GLASS DOORS, & ENTRY DOORS, AS SHOWN ON THESE PLANS WITH THE DOOR AND WINDOW MANUFACTURER PRIOR TO CONSTRUCTION.
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK THESE PLANS FOR DIMENSIONAL ERRORS, AND/OR OMISSIONS PRIOR TO CONSTRUCTION. IF ANY ERRORS OR OMISSIONS EXIST IN THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY HICKS DRAFTING & DESIGN, IN WRITING, WITHIN 10 DAYS OF RECEIPT OF PLANS, AND PRIOR TO ANY CONSTRUCTION. OR CONTRACTOR ASSUMES ALL THE RESPONSIBILITY FOR THE RESULTS AND ALL THE COSTS OF RECTIFYING THE SAME.
  - HICKS DRAFTING & DESIGN DOES NOT ASSUME ANY RESPONSIBILITY FOR SUPERVISION OF CONSTRUCTION. CONTRACTOR TO ADHERE STRICTLY TO THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3, AND SECTION 1609 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE, TOGETHER WITH LOCAL AMENDMENTS, AND ALL OTHER APPLICABLE STATE, COUNTY, AND LOCAL STATUTES, ORDINANCES, REGULATIONS, AND RULES.

NOTE: MASTER PLANS FEMA FLOOD ZONES CONSTRUCTION NEW CONSTRUCTION OF ANY RESIDENTIAL STRUCTURE SHALL HAVE THE LOWEST FLOOR OR CONCRETE SLAB, INCLUDING GARAGE OR BASEMENT AND A/C UNIT AND ALL EQUIPMENT, ELEVATED TO FINISH FLOOR ELEV. OR ABOVE THE BASE FLOOD ELEVATION PLUS 1 FOOT. THIS SHALL APPLY TO HOUSES OR MANUFACTURED HOMES THAT ARE TO BE PLACED OR SUBSTANTIALLY IMPROVED ON SITES IN A NEW MANUFACTURED HOME PARK OR SUBDIVISION LCD CHAPTER 6, ARTICLE IV FLOOD HAZARD REDUCTION.

THIS RESIDENCE MAY NOT BE BUILT WITHIN 6'0" OF ANOTHER STRUCTURE OR 5'0" FROM ANY PROPERTY LINE PER SECTION R302.1(1) (INCLUDING OVERHANGS)



TYPICAL DOOR INSTALLATION DETAIL



TYPICAL CONG PAD FOOTER DETAIL

TABLE R803.2.3.1 ROOF SHEATHING ATTACHMENTS, b

Rafter/Truss Spacing 24 in. o.c.	WIND SPEED																			
	115 mph				120 mph				130 mph				140 mph				150 mph			
	E	F	E	F	E	F	E	F	E	F	E	F	E	F	E	F				
Rafter/Truss SG = 0.42	Exposure B																			
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
Rafter/Truss SG = 0.49	Exposure C																			
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
Rafter/Truss SG = 0.42	Exposure D																			
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
Rafter/Truss SG = 0.49	Exposure D																			
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			

E = Nail spacing along panel edges (inches)  
F = Nail spacing along intermediate supports in the panel field (inches)

a. For sheathing located a minimum of 4 feet from the perimeter edge of the roof, including 4 feet on each side of ridges and hips, nail spacing is permitted to be 6 inches on center along panel edges and 6 inches on center along intermediate supports in the panel field.  
b. Where rafter/truss spacing is less than 24 inches on center, roof sheathing fastening is permitted to be in accordance with the AISC WFCM or the AISC NDS.

R803.2.2 Allowable spans. The minimum thickness and span rating for wood structural panel roof sheathing shall not exceed the values set forth in Table R803.2.2

TABLE R803.2.2 MINIMUM ROOF SHEATHING THICKNESS

Rafter/Truss Spacing 24 in. o.c.	WIND SPEED							
	115 mph	120 mph	130 mph	140 mph	150 mph	160 mph	170 mph	180 mph
Minimum Sheathing Thickness, Inches (Panel Span Rating) Exposure B	7/16 (24/16)	7/16 (24/16)	7/16 (24/16)	7/16 (24/16)	15/32 (32/16)	1 1/2 (40/20)	1 1/2 (40/20)	1 1/2 (40/20)
Minimum Sheathing Thickness, Inches (Panel Span Rating) Exposure C	7/16 (24/16)	7/16 (24/16)	15/32 (32/16)	1 1/2 (40/20)	1 1/2 (40/20)	1 1/2 (40/20)	1 1/2 (40/20)	23/32 (46/24)
Minimum Sheathing Thickness, Inches (Panel Span Rating) Exposure D	15/32 (32/16)	1 1/2 (40/20)	1 1/2 (40/20)	1 1/2 (40/20)	1 1/2 (40/20)	1 1/2 (40/20)	23/32 (46/24)	23/32 (46/24)

03-18-2024

**Quattrone & Associates, Inc.**  
Engineers, Planners, & Development Consultants  
4001 Virginia Shores Blvd., Fort Myers, FL 33916 (239) 956-9222 [www.quattrone.com](http://www.quattrone.com)  
A/COURT REG. P.E. #19241

COMPLIANCE STATEMENT  
THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND THE DESIGN PARAMETERS FOR THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3 IN GENERAL AND SECTION 1609 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.

REVISIONS:

03-30-2021
03-18-2024

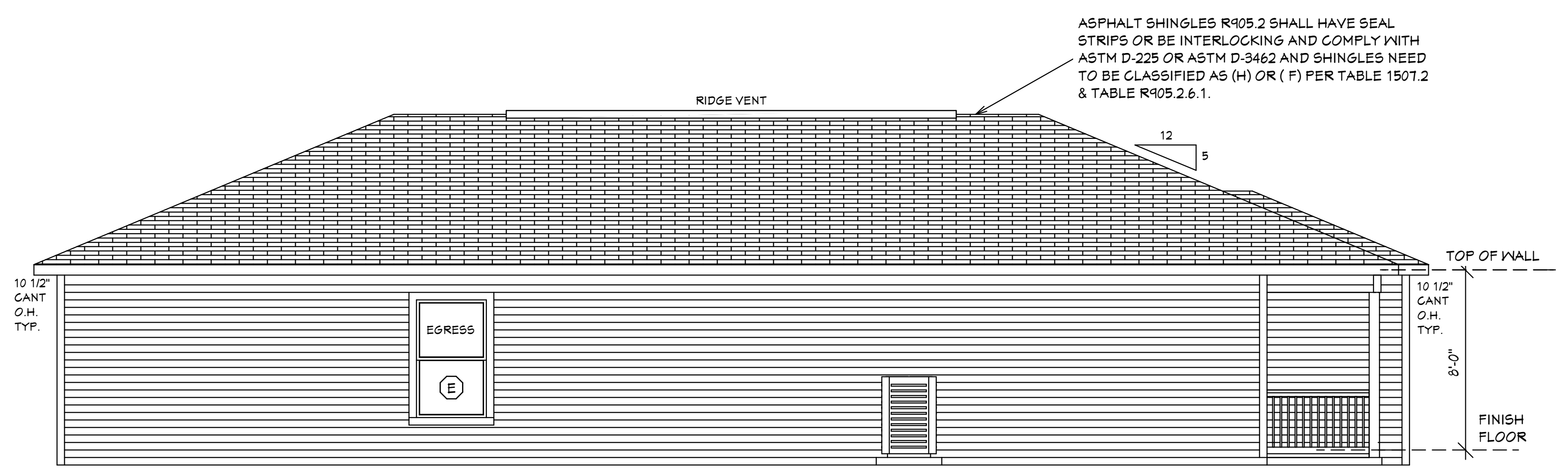
HICKS DRAFTING & DESIGN  
4216 5TH STREET W  
LEHIGH ACRES FL 33971  
CELL: (239) 462-2734  
E-MAIL: DHICKS@GMAIL.COM

BUILDER: HABITAT FOR HUMANITY  
4 BEDROOM 2 BATH HOME / 160 MPH WIND LOADING  
NEW RESIDENCE FOR:  
LOT: / BLOCK - / UNIT - / RANGE -  
SECTION: / TOWNSHIP -  
STRAP#:  
ADDRESS:

DRAWN BY:  
DAVID HICKS  
DATE: 03-12-2021  
SCALE: 1/4" = 1'0"  
JOB#: 2024-029  
SHEET  
6 OF SHEET

PALMERA 2-A HIP MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 1'10" 1'12" GANT 03-18-2024 REVISION

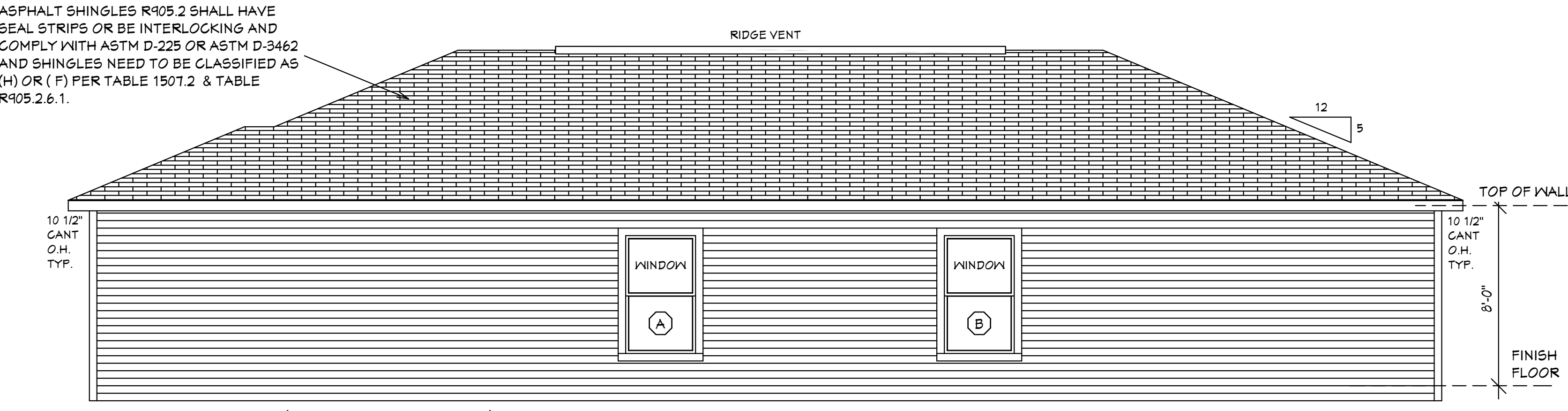




ASPHALT SHINGLES R405.2 SHALL HAVE SEAL STRIPS OR BE INTERLOCKING AND COMPLY WITH ASTM D-225 OR ASTM D-3462 AND SHINGLES NEED TO BE CLASSIFIED AS (H) OR (F) PER TABLE 1507.2 & TABLE R405.2.6.1.

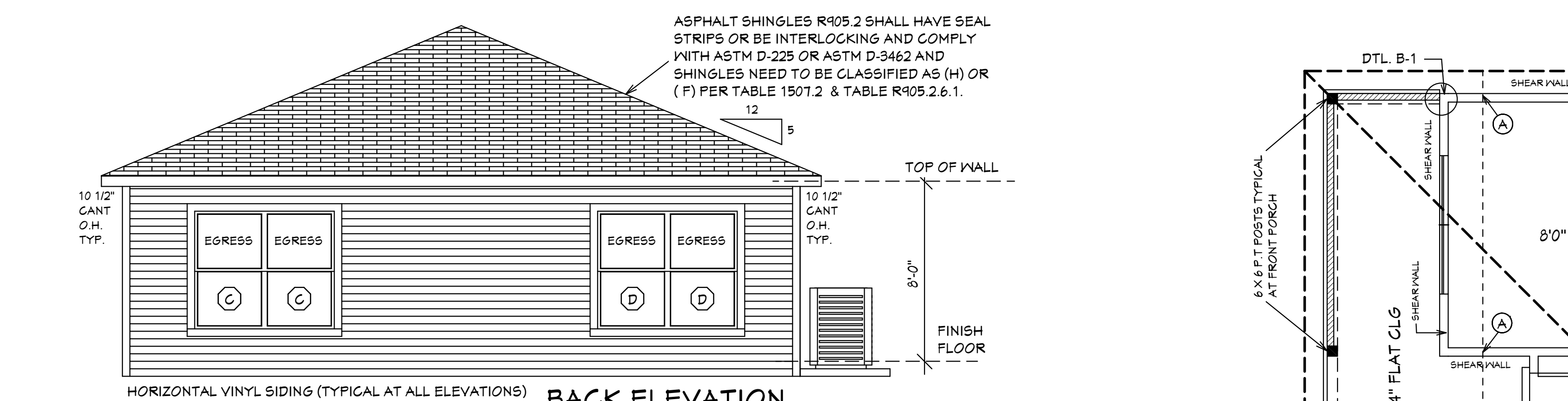
HORIZONTAL VINYL SIDING (TYPICAL AT ALL ELEVATIONS)  
TOP OF ALL WINDOWS AT 6'-8" A.F.F. U.N.O.

10 1/2\"/>



HORIZONTAL VINYL SIDING (TYPICAL AT ALL ELEVATIONS)  
TOP OF ALL WINDOWS AT 6'-8" A.F.F. U.N.O.

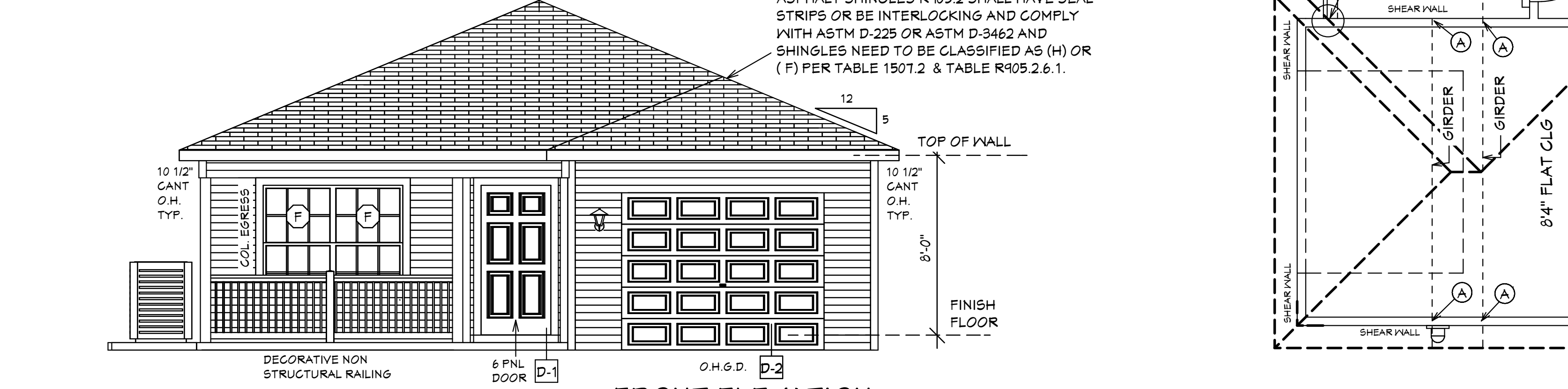
10 1/2\"/>



ASPHALT SHINGLES R405.2 SHALL HAVE SEAL STRIPS OR BE INTERLOCKING AND COMPLY WITH ASTM D-225 OR ASTM D-3462 AND SHINGLES NEED TO BE CLASSIFIED AS (H) OR (F) PER TABLE 1507.2 & TABLE R405.2.6.1.

HORIZONTAL VINYL SIDING (TYPICAL AT ALL ELEVATIONS)  
TOP OF ALL WINDOWS AT 6'-8" A.F.F. U.N.O.

10 1/2\"/>



HORIZONTAL VINYL SIDING (TYPICAL AT ALL ELEVATIONS)  
TOP OF ALL WINDOWS AND DOORS AT 6'-8" A.F.F. U.N.O.  
O.H.G.D. AT 7'0"

10 1/2\"/>

EXTERIOR ELEVATIONS

### DESIGN PARAMETERS:

- APPLICABLE CODES:**
- BUILDING CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, BUILDING 2023
  - MECHANICAL CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, MECHANICAL 2023
  - PLUMBING CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, PLUMBING 2023
  - ELECTRICAL CODE = NEC 2020
  - FLORIDA FIRE PREVENTION CODE = 5TH EDITION
  - LIFE SAFETY CODE = NFPA 101 3TH EDITION
  - ACCESSIBILITY CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, BUILDING 2023
  - ENERGY CODE = (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, BUILDING 2023
- METHOD OF DESIGN:**
- DESIGNED PURSUANT TO (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, BUILDING 2023, CHAPTER 3 AND SECTION 1604 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE
- BASIC WIND SPEED:**
- 110 MPH (ULTIMATE DESIGN) = 132.0 MPH (NOMINAL DESIGN)
  - 160 MPH (ULTIMATE DESIGN) = 124 MPH (NOMINAL DESIGN)
  - 150 MPH (ULTIMATE DESIGN) = 116 MPH (NOMINAL DESIGN)
- IMPORTANCE FACTOR/COMPONENTS AND GLADDINGS:**
- 0.71 (RISK CATEGORY I)
  - 1.00 (RISK CATEGORY II)
  - 1.15 (RISK CATEGORY III)
  - 1.15 (RISK CATEGORY IV)
- BUILDING OCCUPANCY CLASSIFICATION:**
- GROUP A - ASSEMBLY
  - GROUP B - BUSINESS
  - GROUP D - DAY CARE CENTER
  - GROUP E - EDUCATIONAL
  - GROUP F - FACTORY INDUSTRIAL
  - GROUP H - HAZARDOUS
  - GROUP I - INSTITUTIONAL
  - GROUP M - MERCANTILE
  - GROUP R - RESIDENTIAL
  - GROUP S - STORAGE
- TORNADO BASIC WIND SPEED:**
- RISK CATEGORY II = N/A
  - 110 MPH (NORMAL DESIGN F3-SECOND GUST)
  - 160 MPH (NORMAL DESIGN F3-SECOND GUST)
  - 150 MPH (NORMAL DESIGN F3-SECOND GUST)
- RAIN FALL INFORMATION:**
- N/A SLOPED ROOF GREATER THAN 2/12
  - RAINFALL DATA FROM FBC PLUMBING 2023 FIGURE 1106.1 IN./HR.
  - ROOF AREA IN SF

- BUILDING CONSTRUCTION TYPE:**
- TYPE I
  - TYPE II
  - TYPE III
  - TYPE IV
  - TYPE V
- EXPOSURE CATEGORY:**
- A
  - B
  - C
  - D
- WINDBORNE DEBRIS REGION:**
- NO
  - YES
  - IMPACT RESISTANT GLAZING
  - IMPACT RESISTANT COVERINGS
  - COMBINATION OF IMPACT RESISTANT GLAZING & COVERINGS
- INTERNAL PRESSURE COEFFICIENTS:**
- 0.00 (OPEN)
  - +0.18, -0.18 (ENCLOSED)
  - +0.95, -0.95 (PARTIALLY ENCLOSED)
- CLASSIFICATION OF WORK:**
- ALTERATION
  - LEVEL 1
  - LEVEL 2
  - LEVEL 3
  - NEW CONSTRUCTION
  - CHANGE OF OCCUPANCY
  - ADDITION / REMODEL
  - HISTORIC BUILDING
- DESIGN LOAD BEARING VALUE OF SOIL 2000 PSF**

**GENERAL NOTES**

1. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION. DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.

2. MASONRY CONTRACTOR TO VERIFY MASONRY OPENING DIMENSIONS FOR ALL WINDOWS, SLIDING GLASS DOORS, & ENTRY DOORS AS SHOWN ON THESE PLANS, WITH THE DOOR AND WINDOW MANUFACTURER PRIOR TO CONSTRUCTION.

3. IT IS THE CONTRACTORS RESPONSIBILITY TO CHECK THESE PLANS FOR DIMENSIONAL ERRORS AND/OR OMISSIONS PRIOR TO CONSTRUCTION. IF ANY ERRORS OR OMISSIONS EXIST IN THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY HICKS DRAFTING & DESIGN, IN WRITING, WITHIN 10 DAYS OF RECEIPT OF PLANS AND PRIOR TO ANY CONSTRUCTION OR CONTRACTOR ASSUMES ALL THE RESPONSIBILITY FOR THE RESULTS AND ALL THE COSTS OF RECTIFYING THE SAME.

4. HICKS DRAFTING & DESIGN DOES NOT ASSUME ANY RESPONSIBILITY FOR SUPERVISION OF CONSTRUCTION. CONTRACTOR TO ADHERE STRICTLY TO THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3, AND SECTION 1604 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE. TOGETHER WITH LOCAL AMENDMENTS, AND ALL OTHER APPLICABLE STATE, COUNTY, AND LOCAL STATUTES, ORDINANCES, REGULATIONS, AND RULES.

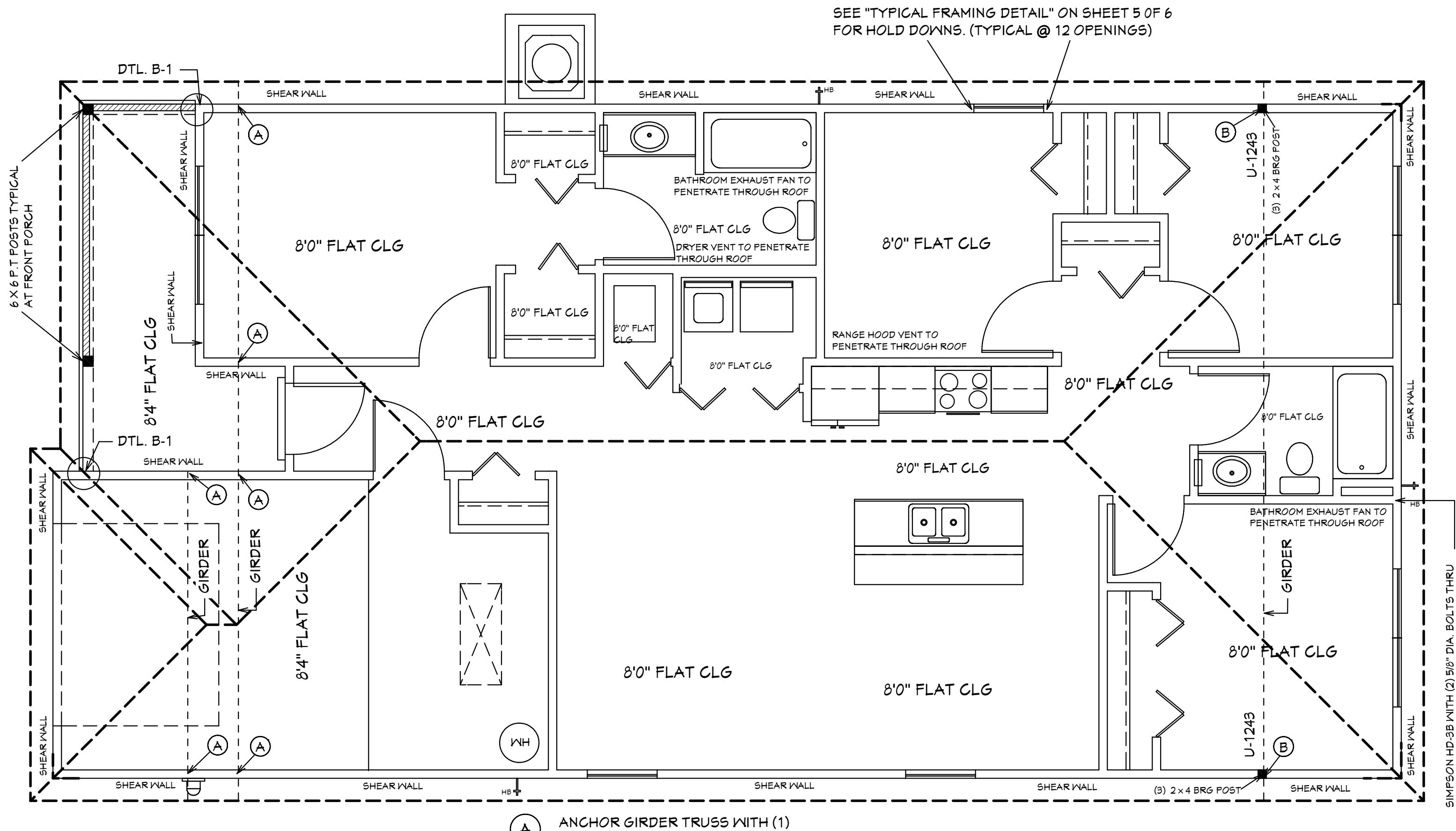
**NOTE: MASTER PLANS**

FEMA FLOOD ZONES CONSTRUCTION SHALL HAVE THE LOWEST FLOOR OR CONCRETE SLAB, INCLUDING GARAGE OR BASEMENT AND ALL EQUIPMENT, ELEVATED TO FINISH FLOOR ELEV. OR ABOVE THE BASE FLOOD ELEVATION PLUS 1 FOOT. THIS SHALL APPLY TO HOUSES OR MANUFACTURED HOMES THAT ARE TO BE PLACED OR SUBSTANTIALLY IMPROVED ON SITES IN A FEMA MANUFACTURED HOME PARK OR SUBDIVISION LCD CHAPTER 6, ARTICLE IV FLOOD HAZARD REDUCTION.

THIS RESIDENCE MAY NOT BE BUILT WITHIN 8' 0" OF ANOTHER STRUCTURE OR 50' FROM ANY PROPERTY LINE PER SECTION R302.1(1) (INCLUDING OVERHANGS)

- BUILDING OVERHANG TO BE 5 FEET FROM PROPERTY LINE UNLESS RATED OR FIRE SFRINKLERED TABLE R302.1(1)
- DECK BOARDS & STAIR TREADS REQUIRED TO HAVE LABEL R507
- ONE LAYER OF WATER RESISTIVE BARRIER BEHIND EXTERIOR SIDING WALL COVERING R703.2
- TWO LAYERS OF WATER RESISTIVE BARRIER BEHIND EXTERIOR WALLS WITH WIRE LATH & CEMENTITIOUS FINISH COVERING R703.7.3
- PAN FLASHING UNDER WINDOWS AND DOORS ON FRAME CONSTRUCTION. REFER TO NOTES R703.4 ON SHEET 3 OF 6
- WINDOWS MUST HAVE COMPLIANT SHGC VALUES. REFER TO EXTERIOR OPENING CHART AND ATTACHED ENERGY CALCULATIONS AND WINDOW AND DOOR SPEC SHEETS FROM MANUFACTURERS.
- WATER HEATERS AND STORAGE TANKS SHALL BE EQUIPT WITH PRESSURE RELEASE AND TEMPERATURE VALVES OR A COMBINATION THEREOF 504 WATER TANK SAFETY DEVICES.
- THE MAXIMUM DISTANCE BETWEEN A HOT WATER SUPPLY SOURCE AND ALL FIXTURES SERVED BY THE SUPPLY SOURCE HAS BEN REDUCED FROM 100 FT TO 50 FT. HOT OR TEMPERED WATER SUPPLY TO FIXTURES

PLAN SCHEDULE	
SHEET #	DESCRIPTION
1 OF 6	EXTERIOR ELEVATIONS, ROOF PLAN, SECTIONS
2 OF 6	FOUNDATION PLAN, WALL SECTION, AND SECTIONS
3 OF 6	DIMENSIONAL FLOOR PLAN, FLASHING DETAILS, AND SECTIONS
4 OF 6	NOTED FLOOR PLAN, SCHEDULES, AND SECTIONS
5 OF 6	ELECTRICAL PLAN, ELECTRICAL SCHEDULE AND SECTIONS
6 OF 6	ENGINEERING NOTES AND SECTIONS
1A OF 6	ALTERNATE EXTERIOR ELEVATIONS, ROOF PLAN, SECTIONS
SH-1 OF SH-1	SHOP DRAWINGS
	TRUSS LAYOUT



- (A) ANCHOR GIRDER TRUSS WITH (1) SIMPSON HTS-20 (TYPICAL)
  - (B) ANCHOR GIRDER TRUSS WITH (2) SIMPSON HTS-20 (TYPICAL)
- (2) 1 3/4 X 11 7/8 MICROLAM W/ SIMPSON ST6236 W/ (40) 16D NAILS AT WALL END. 3 WALLS STUDS BELOW EACH END
- (3) 2 X 4 BRG POST
- (4) 36" HIGH DEC VINYL RAILING NON GUARDRAIL. OPENING WILL RESIST 4" SPHERE ATTACH PER MANUFACTURES SPECIFICATIONS.

MASTER PLAN  
 I AL QUATTRONE APPROVE OF REPETITIVE USE OF PLANS FOR PERMITTING  
 PALMERA 2-A HIP MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT  
 03-18-2024 REVISION

03-18-2024

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 4001 W. GOLF COURSE P.E. #19241

**REVISIONS:**

- 03-30-2021
- 03-18-2024

HICKS DRAFTING & DESIGN 4216 5TH STREET W LEHIGH ACRES FL 33971	CELL: (239) 462-2734 E-MAIL: DHICKS922@AOL.COM
---	---

BUILDER: HABITAT FOR HUMANITY  
 4 BEDROOM 2 BATH HOME / 160 MPH WIND LOADING  
 NEW RESIDENCE FOR: / UNIT- / RANGE-  
 LOT: / BLOCK- / TOWNSHIP.  
 SECTION: / STRAP # / ADDRESS:  
 ADDRESS:

DRAWN BY:  
DAVID HICKS

DATE: 03-12-2021

SCALE: 1/4"=10"

JOB#: 2024-029

SHEET  
1A OF 6

6 OF SHEET

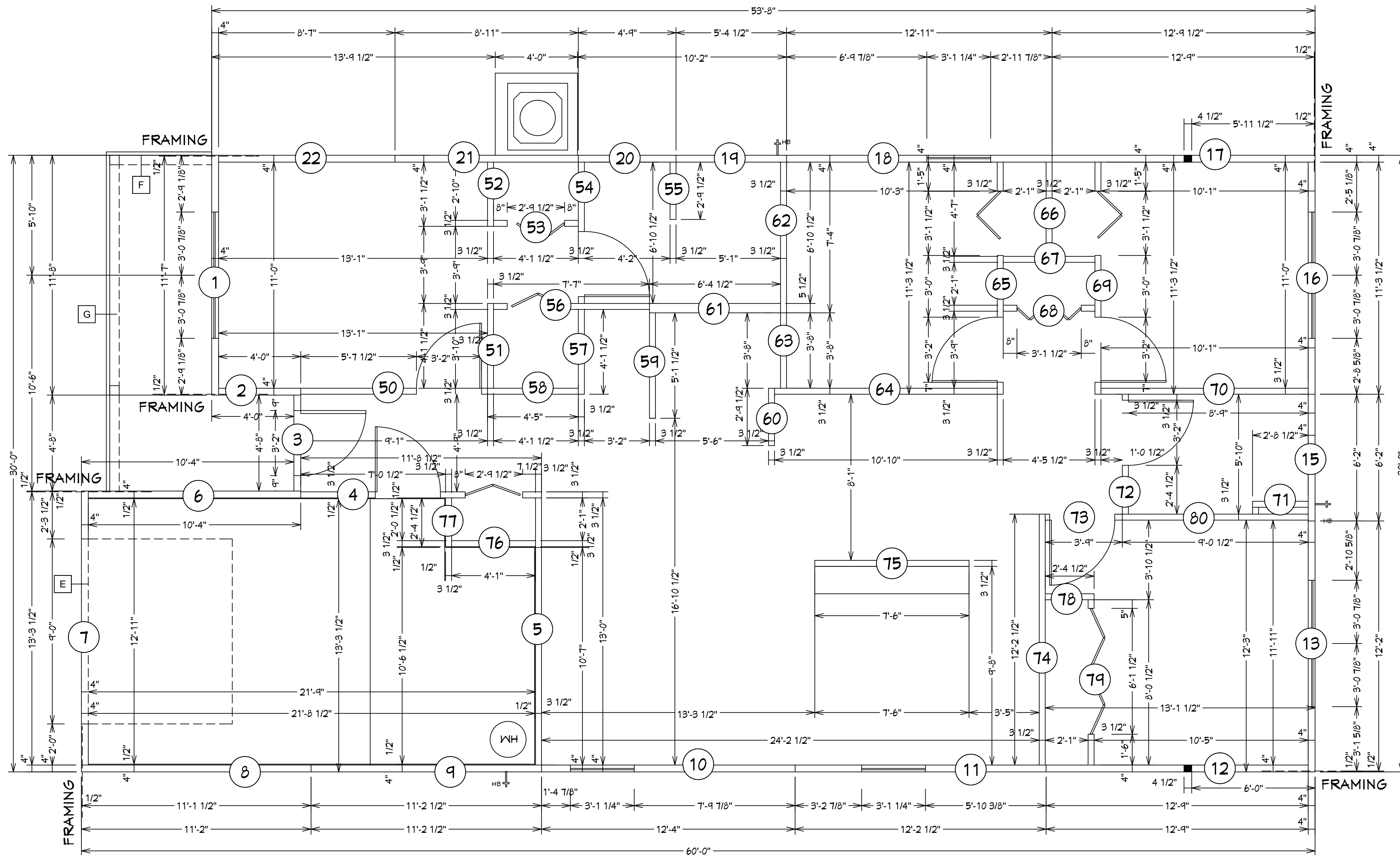
PALMERA 2A WALL SCHEDULE			
WALL#	LENGTH	EXTERIOR OR INTERIOR	NOTES
1	11'-7"	EXTERIOR	2 X 4 SYP #2 WALL
2	4'-0"	EXTERIOR	2 X 4 SYP #2 WALL
3	4'-8"	EXTERIOR	2 X 4 SYP #2 WALL
4	11'-8-1/2"	EXTERIOR	2 X 4 SYP #2 WALL
5	13'-0"	EXTERIOR	2 X 4 SYP #2 WALL
6	10'-4"	EXTERIOR	2 X 4 SYP #2 WALL
7	13'-3-1/2"	EXTERIOR	2 X 4 SYP #2 WALL
8	11'-1-1/2"	EXTERIOR	2 X 4 SYP #2 WALL
9	11'-2-1/2"	EXTERIOR	2 X 4 SYP #2 WALL
10	12'-4"	EXTERIOR	2 X 4 SYP #2 WALL
11	12'-2-1/2"	EXTERIOR	2 X 4 SYP #2 WALL
12	12'-9"	EXTERIOR	2 X 4 SYP #2 WALL
13	12'-2"	EXTERIOR	2 X 4 SYP #2 WALL
14			
15	6'-2"	EXTERIOR	2 X 4 SYP #2 WALL
16	11'-3-1/2"	EXTERIOR	2 X 4 SYP #2 WALL
17	12'-9"	EXTERIOR	2 X 4 SYP #2 WALL
18	12'-11"	EXTERIOR	2 X 4 SYP #2 WALL
19	5'-4-1/2"	EXTERIOR	2 X 4 SYP #2 WALL
20	4'-9"	EXTERIOR	2 X 4 SYP #2 WALL PLUMBING (WAS 2 X 6)
21	8'-11"	EXTERIOR	2 X 4 SYP #2 WALL
22	8'-7"	EXTERIOR	2 X 4 SYP #2 WALL
23			
24	9'-1"	INTERIOR	2 X 4 SYP WALL
25	4'-1-1/2"	INTERIOR	2 X 4 SYP WALL
26	3'-1-1/2"	INTERIOR	2 X 4 SYP WALL
27	4'-1-1/2"	INTERIOR	2 X 4 SYP WALL
28	6'-10-1/2"	INTERIOR	2 X 4 SYP WALL
29	2'-9-1/2"	INTERIOR	2 X 4 SYP WALL
30	7'-1"	INTERIOR	2 X 4 SYP WALL
31	4'-1-1/2"	INTERIOR	2 X 4 SYP WALL
32	4'-5"	INTERIOR	2 X 4 SYP WALL
33	5'-1-1/2"	INTERIOR	2 X 4 SYP WALL
34	2'-9-1/2"	INTERIOR	2 X 4 SYP WALL
35	6'-4-1/2"	INTERIOR	2 X 6 SYP #2 PLUMBING
36	7'-4"	INTERIOR	2 X 4 SYP #2 PLUMBING (WAS 2 X 6)
37	3'-8"	INTERIOR	2 X 4 SYP WALL
38	10'-10"	INTERIOR	2 X 4 SYP WALL
39	11'-3-1/2"	INTERIOR	2 X 4 SYP WALL
40	4'-7"	INTERIOR	2 X 4 SYP WALL
41	4'-5-1/2"	INTERIOR	2 X 4 SYP WALL
42	4'-5-1/2"	INTERIOR	2 X 4 SYP WALL
43	11'-3-1/2"	INTERIOR	2 X 4 SYP WALL
44	10'-1"	INTERIOR	2 X 4 SYP WALL
45	2'-8-1/2"	INTERIOR	2 X 4 SYP WALL (WAS 2 X 6)
46	5'-10"	INTERIOR	2 X 4 SYP WALL
47	3'-9"	INTERIOR	2 X 4 SYP WALL
48	12'-2-1/2"	INTERIOR	2 X 4 SYP WALL
49	7'-6"	INTERIOR	2 X 4 SYP #2 PLUMBING (WAS 2 X 6)
50	4'-1"	INTERIOR	2 X 4 SYP #2 WALL
51	2'-4-1/2"	INTERIOR	2 X 4 SYP #2 WALL
52	2'-4-1/2"	INTERIOR	2 X 4 SYP #2 WALL
53	8'-0-1/2"	INTERIOR	2 X 4 SYP #2 WALL
54	9'-0-1/2"	INTERIOR	2 X 4 SYP #2 WALL

NOTE: ALL DIMENSIONS AS PER BUILDER

PALMERA 2A MODEL LVL BEAM SCHEDULE		
BEAM #	LENGTH	BEAM TYPE
A		
B		
C		
D		

PALMERA 2A MODEL 2 X 12 SYP BEAM SCHEDULE		
BEAM #	LENGTH	BEAM TYPE
E	9'-8"	(2) 2 X 12 SYP IN 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)
F	5'-4"	(2) 2 X 12 SYP IN 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)
G	16'-8"	(2) 2 X 12 SYP IN 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)
H		(2) 2 X 12 SYP IN 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)

R.O. OPENINGS FOR DOORS AND WINDOWS  
(2) 3068 EXTERIOR SLIDING GLASS DOORS T2 1/2" X 81 3/8"  
3068 EXTERIOR DOOR 38" X 81 3/8"  
3068 INTERIOR DOOR 38" X 81"  
2068 BI-FOLD DOOR 25 1/2" X 80"  
2868 BI-FOLD DOOR 33 1/2" X 80"  
3068 BI-FOLD DOOR 37 1/2" X 80"  
6068 BI-FOLD DOOR T3 1/2" X 80"  
5H-25 SINGLE HUNG WINDOW 37 1/4" X 62 3/4"  
(2) 5H-25 SINGLE HUNG WINDOW T3 3/4" X 62 3/4"



NOTE: EXTERIOR WOOD WALLS ARE 3 1/2" WIDE WITH 1/2" PLYWOOD. (4" TOTAL) UNLESS NOTED DIFFERENT.  
INTERIOR WOOD WALLS ARE 3 1/2" & 5 1/2" WIDE WOOD WALLS UNLESS NOTED DIFFERENT.  
INTERIOR & EXTERIOR WALL FRAMING PLAN  
SCALE: N.T.S.

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Email: info@quattrone.com

<b>REVISIONS:</b>
03-30-2021
03-18-2024

<b>HICKS DRAFTING &amp; DESIGN</b>
4216 5TH STREET W
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<b>BUILDER: HABITAT FOR HUMANITY</b>
4 BEDROOM 2 BATH HOME / 160 MPH WIND LOADING
NEW RESIDENCE FOR:
LOT- / BLOCK- / UNIT- / RANGE-
SECTION- / TOWNSHIP- / RANGE-
STRAP#
ADDRESS:

<b>DRAWN BY:</b>
DAVID HICKS
<b>DATE:</b> 03-12-2021
<b>SCALE:</b> 1/4"=1'-0"
<b>JOB#:</b> 2024-029
<b>SHEET</b>
<b>SH-1</b>
OF SHEET

03-18-2024 REVISION