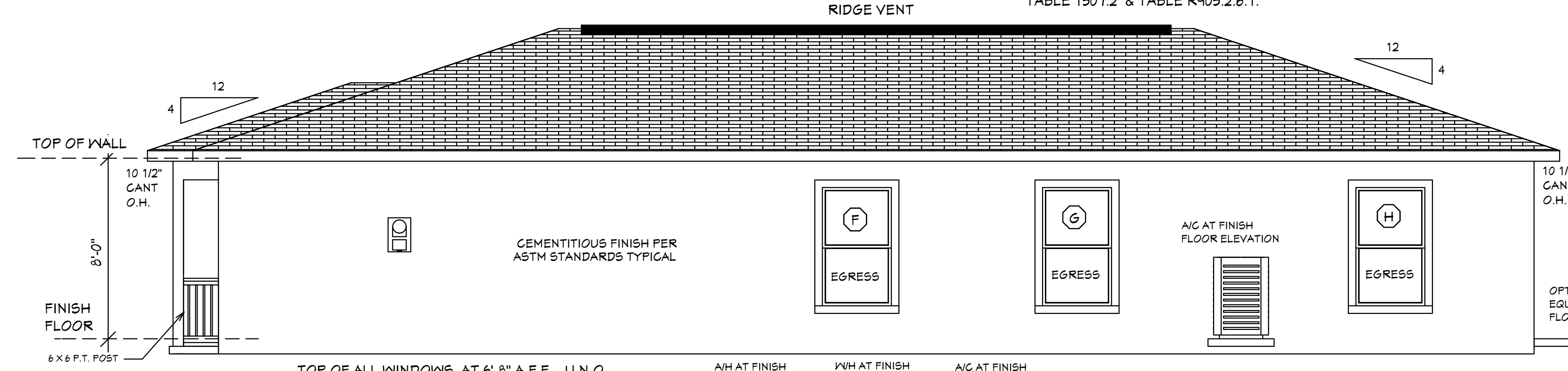
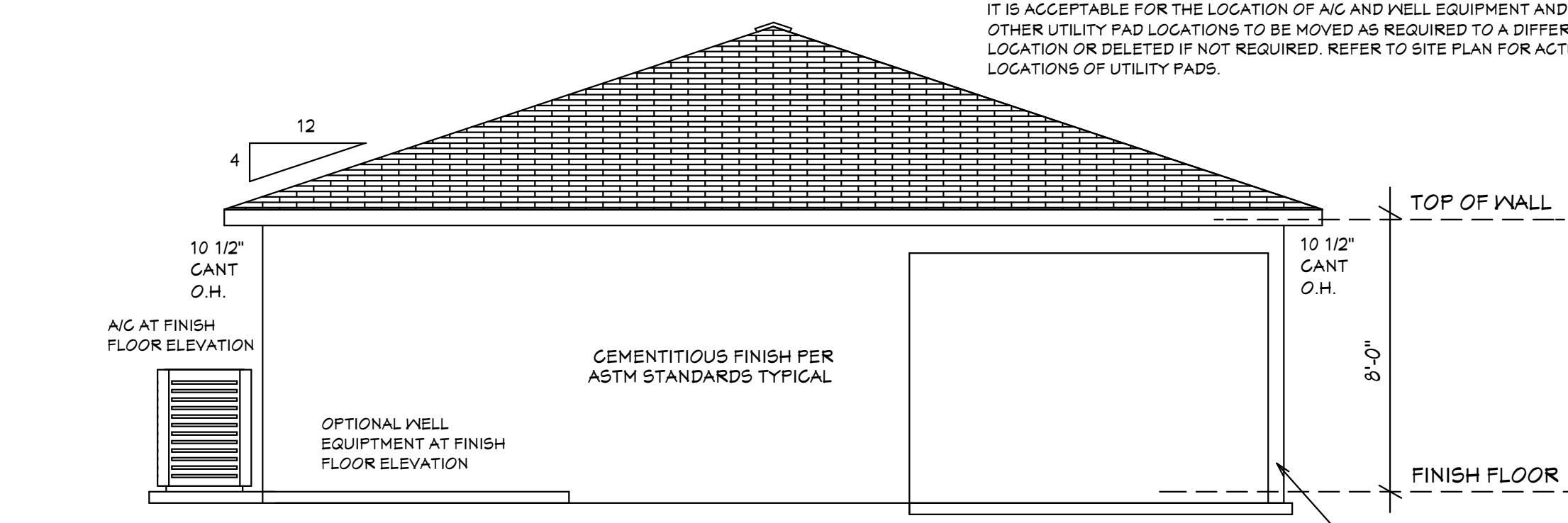


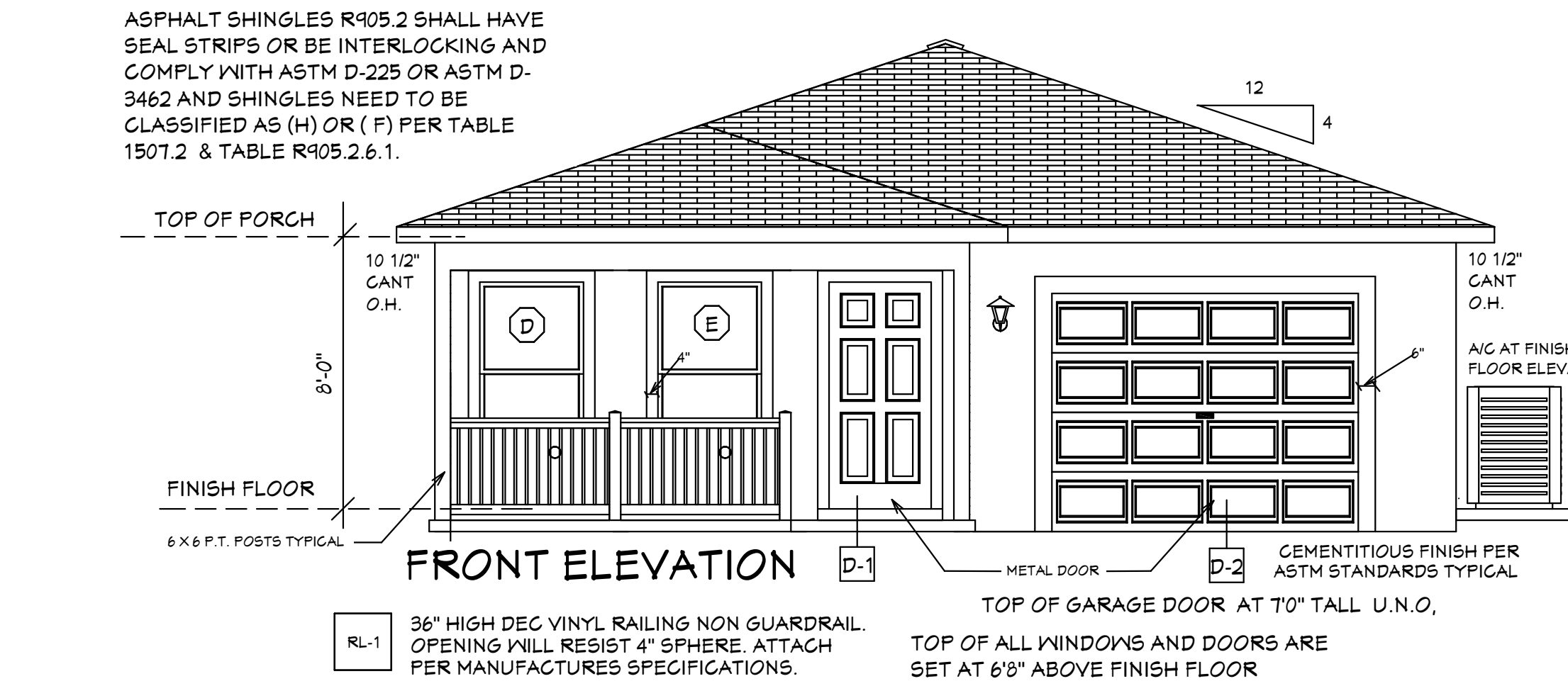
LEFT SIDE ELEVATION



RIGHT SIDE ELEVATION



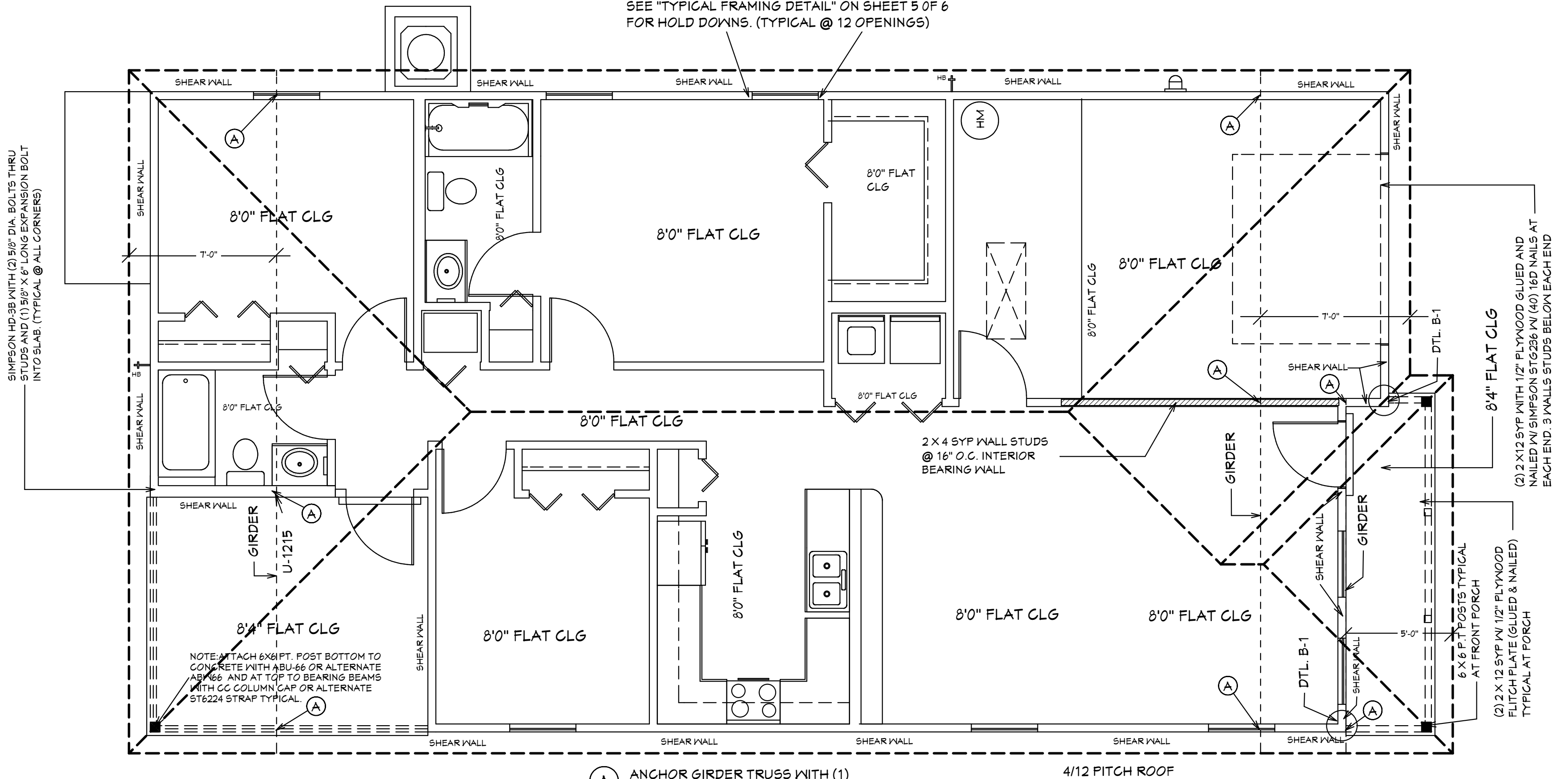
BACK ELEVATION



FRONT ELEVATION



EXTERIOR ELEVATIONS



ROOF PLANE PLAN

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 9TH 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 (COMONENTS AND CLADDING):  
 0.11 (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)  
 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 IV  
 TYPE II  TYPE V  
 TYPE III

EXPOSURE CATEGORY:  
 A  C  
 B  D

WINDBORNE DEBRIS REGION:  
 NO  
 YES  
 IMPACT RESISTANT GLAZING  
 IMPACT RESISTANT COVERING  
 COMBINATION OF IMPACT RESISTANT GLAZING & COVERING

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 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 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 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 60' 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 SPRINKLERED TABLE R302.1(1)  
 DECK BOARDS & STAIR TREADS REQUIRED TO HAVE LABEL R507  
 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 R103.13  
 PAN FLASHINGS 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 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 BEEN 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 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-2	SHOP DRAWINGS
SH-1 OF SH-2	SHOP DRAWINGS

At Quatrone, Professional Engineer, State of Florida, License No. 12345. This seal has been 6/20/23 signed and sealed at Quatrone, P.E. on 3/22/2024.

Printed copies of this document are not considered legal and sealed and the signature must be verified on an electronic copy.

03-20-2024

**Quatrone & Associates, Inc.**  
 Engineers, Planners, & Development Consultants  
 4501 Vanmetre Shoreside Blvd., Fort Myers, FL 33916 (239) 936-3222 Altitude  
 Certificate or Authorization Number: 9463  
 AL QUATRONE P.E. # 52741

COMPLIANCE STATEMENT  
 THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER IN ACCORDANCE WITH 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.

REVISIONS:  
 03-23-2022  
 03-20-2024

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

MASTER PLAN  
 I AL QUATRONE APPROVE OF REPETITIVE USE OF PLANS FOR PERMITTING  
 FOXTAIL 1 MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

BUILDER: HABITAT FOR HUMANITY  
 3 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: 01-08-2021  
 SCALE: 1/4"=10"  
 JOB#: 2024-006  
 SHEET  
 1 OF 6 SHEET

TRUSS LIABILITY EXCLUSION NOTE  
 Quatrone and Associates, Inc. (QAI) is not responsible for the design of the truss structure. The engineer of record on the truss plans is responsible for the engineering, reactions and uplifts. QAI is only referencing the truss plans for the purpose of designing the building structure.  
 The contractor / owner is responsible for reviewing the truss plans to determine the design, details, dimensions, and the accuracy of the truss plans in accordance with the building design. QAI will not be liable for any errors in the truss design.



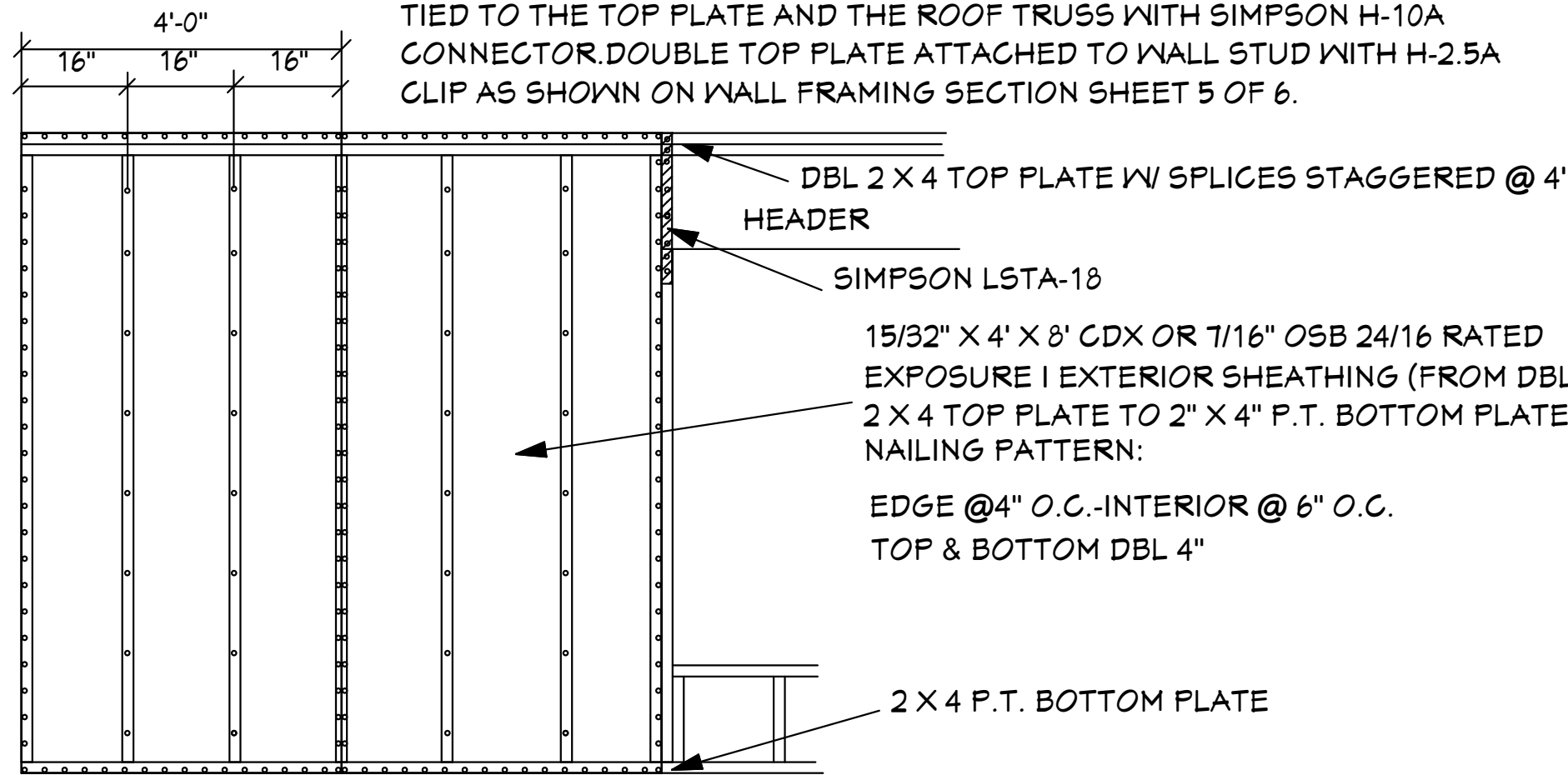






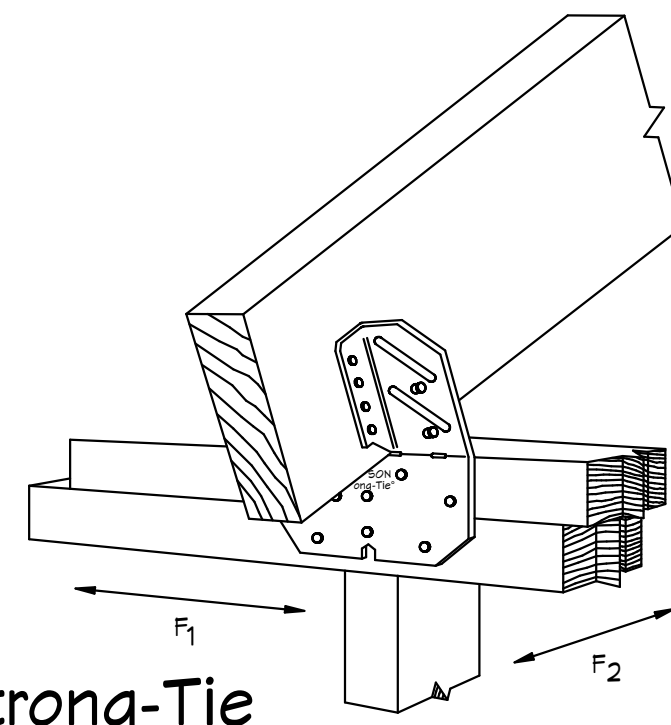


NOTE: THIS SECTION SHOWS FOR THE EXTERIOR SHEATHING TO EXTEND TO THE TOP OF UPPER 2 X OF THE DOUBLE TOP PLATE OF THE WALLS HOWEVER IT IS ACCEPTABLE THAT THE EXTERIOR SHEATHING IS NAILED TO THE BOTTOM PLATE OF THE DOUBLE TOP PLATE. USE SINGLE ROW OF 8D RINGSHANK NAILS @ 4" O.C. AT EDGES AND 6" O.C. AT INTERIOR LOCATIONS. THE BOTTOM PLATE IS TO BE TIED TO THE TOP PLATE AND THE ROOF TRUSS WITH SIMPSON H-10A CONNECTOR DOUBLE TOP PLATE ATTACHED TO WALL STUD WITH H-2.5A CLIP AS SHOWN ON WALL FRAMING SECTION SHEET 5 OF 6.

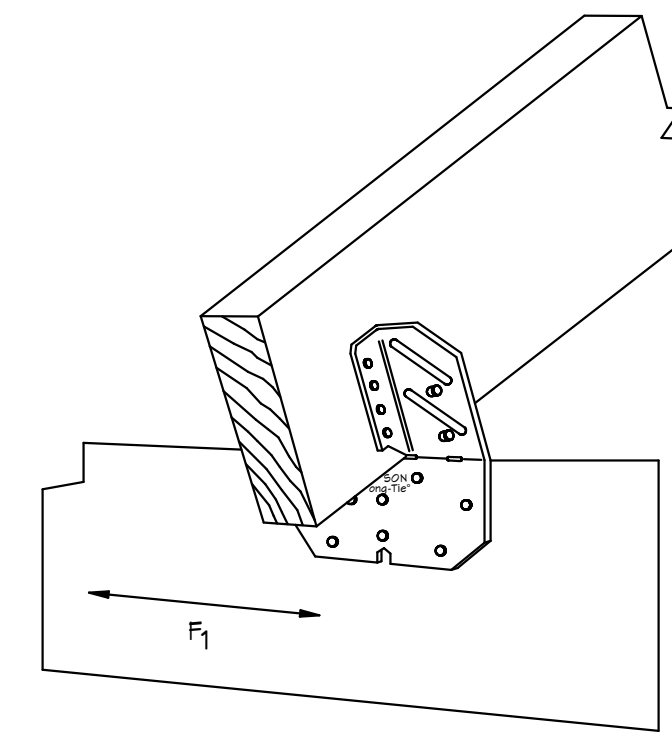


EXTERIOR WALL NAILING DETAIL

SCALE: N.T.S.



Simpson Strong-Tie H10A HURRICANE CLIP @ EXT. BEARING WALL



Simpson Strong-Tie H10A HURRICANE CLIP @ EXT. BEARING WD. BEAM

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. 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 LDC 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 R502.1(1) (INCLUDING OVERHANGS)

**Quattrone & Associates, Inc.**  
 Engineers, Planners, & Development Consultants  
 4501 Valencia Shoreline Blvd., Fort Myers, FL 33916 (239) 936-5222 QAL00000001  
 Certificate of Registration Number: 9463  
 AL: 004710001000 P.E. # 52741

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

REVISIONS:  
 03-23-2022  
 03-20-2024

DOOR LEGEND			
FEET	INCHES	WIDTH	HEIGHT
		FEET	INCHES
3	0	6	8
			PKT

PKT= POCKET  
 BF= BI-FOLD  
 BP= BI-PASS  
 FR= FRENCH  
 FX= FIXED  
 MIR= MIRROR  
 O.H.G.D.= OVER HEAD GARAGE DOOR  
 S.G.D.= SLIDING GLASS DOOR  
 S.C.= SOLID CORE

NOTE: ALL NAILING @ ALL SURFACES TO BE NAILED W/ 8D RING SHANK NAILS

\*NOTE:  
 BOTTOM CHORD OF ALL TRUSSES IN LANAI AND ENTRY (AREAS EXPOSED TO WIND). IT IS ACCEPTABLE TO ADD SHEATHING IN THESE AREAS AND SHEATHING TO BE 15/32" EXTERIOR GRADE PLYWOOD OR 1/16" O.S.B. BOARD. ATTACH PLYWOOD OR O.S.B. BOARD TO BOTTOM CHORDS OF ROOF TRUSSES WITH 10d NAILS AT 4" O.C. AT EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS. IT IS ACCEPTABLE TO COVER PLYWOOD WITH SOLID VINYL SOFFIT FL-16503.2. ATTACH SOLID VINYL SOFFIT TO PLYWOOD OR O.S.B. BOARD WITH 16 GA X 7/16" WIDTH CROWN STAPLE 5/8" MIN LENGTH @ 12" O.C. SOLID VINYL SOFFIT MEETS REQUIREMENTS OF THE 8TH EDITION OF THE 2023 F.R.B.C.

AREA SCHEDULE	
LIVING A/C	1273 SQ. FT.
GARAGE	244 SQ. FT.
FRONT PORCH	62 SQ. FT.
LANAI	143 SQ. FT.
TOTAL	1722 SQ. FT.

INTERIOR DOOR SCHEDULE						
ID	QTY.	ROOM	SIZE	MANUF.	DESIGNATION	NOTES
1	1	GARAGE	3068			SOLID CORE
2	1	UTILITY	(2) 2668 B.F.			
3	1	MASTER BED	2068 B.F.			
4	1	KITCHEN	2068 B.F.			
5	1	MASTER BATH	3068			
6	1	MASTER BATH	2068 B.F.			
7	1	MASTER BED	3068			
8	1	HALL	2868 B.F.			LOUVER
9	1	BEDROOM#2	3068			
10	1	BEDROOM#2	(2) 2068 B.F.			
11	1	BATH#2	3068			
12	1	BATH#2	2068 B.F.			
13	1	BEDROOM#3	3068			
14	1	BEDROOM#3	(2) 2068 B.F.			

PRODUCT SCHEDULE													
160 MPH (ULTIMATE DESIGN) = 124 (NOMINAL DESIGN)													
ROOM NAME	MARK	CALL SIZE	R.O. DOOR SIZE			DETAIL	ZONE	DESIGN PRESS (PSF)	WINDOW / DOOR PRODUCT APPROVAL		ENCLOSED STRUCTURE		
			R.O. WINDOW SIZE (WxH)	H	J				S	DESIGNATION / ENTITY	INSTALLATION NOTES (LIST BELOW)	WINDBORNE DEBRIS REGION	TYPE GLAZING / COVERING
DOOR SCHEDULE													
LIVING ROOM	D-1	3068 MTL	3'-2" X 6'-10"			PER MFR.	5	26-40/34-50	REFER TO PRODUCT APPROVAL SHEETS		Y	N/A	IMPACT APPROVED WITHOUT GLAZING OR COVERING
GARAGE	D-2	9070 O.H.G.D.	9'-0" X 7'-0"			PER MFR.	5	24-72/31-20	REFER TO PRODUCT APPROVAL SHEETS	3	Y	N/A	IMPACT APPROVED WITHOUT GLAZING OR COVERING
HALL	D-3	3068 MTL	3'-2" X 6'-10"			PER MFR.	5	26-40/34-50	REFER TO PRODUCT APPROVAL SHEETS		Y	N/A	IMPACT APPROVED WITHOUT GLAZING OR COVERING
*WINDOW SCHEDULE													
BEDROOM#2	A	SH-25	37 1/4" X 62 3/4"			PER MFR.	4	21-66/30-00	REFER TO PRODUCT APPROVAL SHEETS	1	Y	COVERING	HURRICANE PANELS REFER TO PRODUCT APPROVAL SHEETS
DINING ROOM	B	SH-25	37 1/4" X 62 3/4"			PER MFR.	4	21-66/30-00	REFER TO PRODUCT APPROVAL SHEETS		Y	COVERING	HURRICANE PANELS REFER TO PRODUCT APPROVAL SHEETS
LIVING ROOM	C	SH-25	37 1/4" X 62 3/4"			PER MFR.	5	21-66/37-02	REFER TO PRODUCT APPROVAL SHEETS		Y	COVERING	HURRICANE PANELS REFER TO PRODUCT APPROVAL SHEETS
LIVING ROOM	D	SH-25	37 1/4" X 62 3/4"			PER MFR.	5	21-66/37-02	REFER TO PRODUCT APPROVAL SHEETS		Y	COVERING	HURRICANE PANELS REFER TO PRODUCT APPROVAL SHEETS
LIVING ROOM	E	SH-25	37 1/4" X 62 3/4"			PER MFR.	5	21-66/37-02	REFER TO PRODUCT APPROVAL SHEETS		Y	COVERING	HURRICANE PANELS REFER TO PRODUCT APPROVAL SHEETS
MASTER BEDROOM	F	SH-25	37 1/4" X 62 3/4"			PER MFR.	4	21-66/30-00	REFER TO PRODUCT APPROVAL SHEETS	1	Y	COVERING	HURRICANE PANELS REFER TO PRODUCT APPROVAL SHEETS
MASTER BEDROOM	G	SH-25	37 1/4" X 62 3/4"			PER MFR.	4	21-66/30-00	REFER TO PRODUCT APPROVAL SHEETS	1	Y	COVERING	HURRICANE PANELS REFER TO PRODUCT APPROVAL SHEETS
BEDROOM #3	H	SH-25	37 1/4" X 62 3/4"			PER MFR.	5	21-66/37-02	REFER TO PRODUCT APPROVAL SHEETS	1	Y	COVERING	HURRICANE PANELS REFER TO PRODUCT APPROVAL SHEETS

*ROOF COVERING MATERIAL		
*TYPE	*MANUFACTURER	*APPROVED MODEL, STYLE, OR DESIGNATION
ASPHALT SHINGLES	REFER TO PRODUCT APPROVAL SHEETS	REFER TO PRODUCT APPROVAL SHEETS

CODE COMPLIANCE:  
 1. ASPHALT SHINGLES SHALL BE IN COMPLIANCE WITH THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, SEC. R405.2  
 2. CLAY AND CONCRETE TILES SHALL BE IN COMPLIANCE WITH THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, SEC. R405.3  
 3. METAL ROOFING SHALL BE IN COMPLIANCE WITH THE (8TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, SEC. R405.10

*IMPACT RESISTANT COVERING MATERIAL		
*TYPE	*MANUFACTURER	*APPROVED MODEL, STYLE, OR DESIGNATION
HURRICANE PANELS	REFER TO PRODUCT APPROVAL SHEETS	REFER TO PRODUCT APPROVAL SHEETS

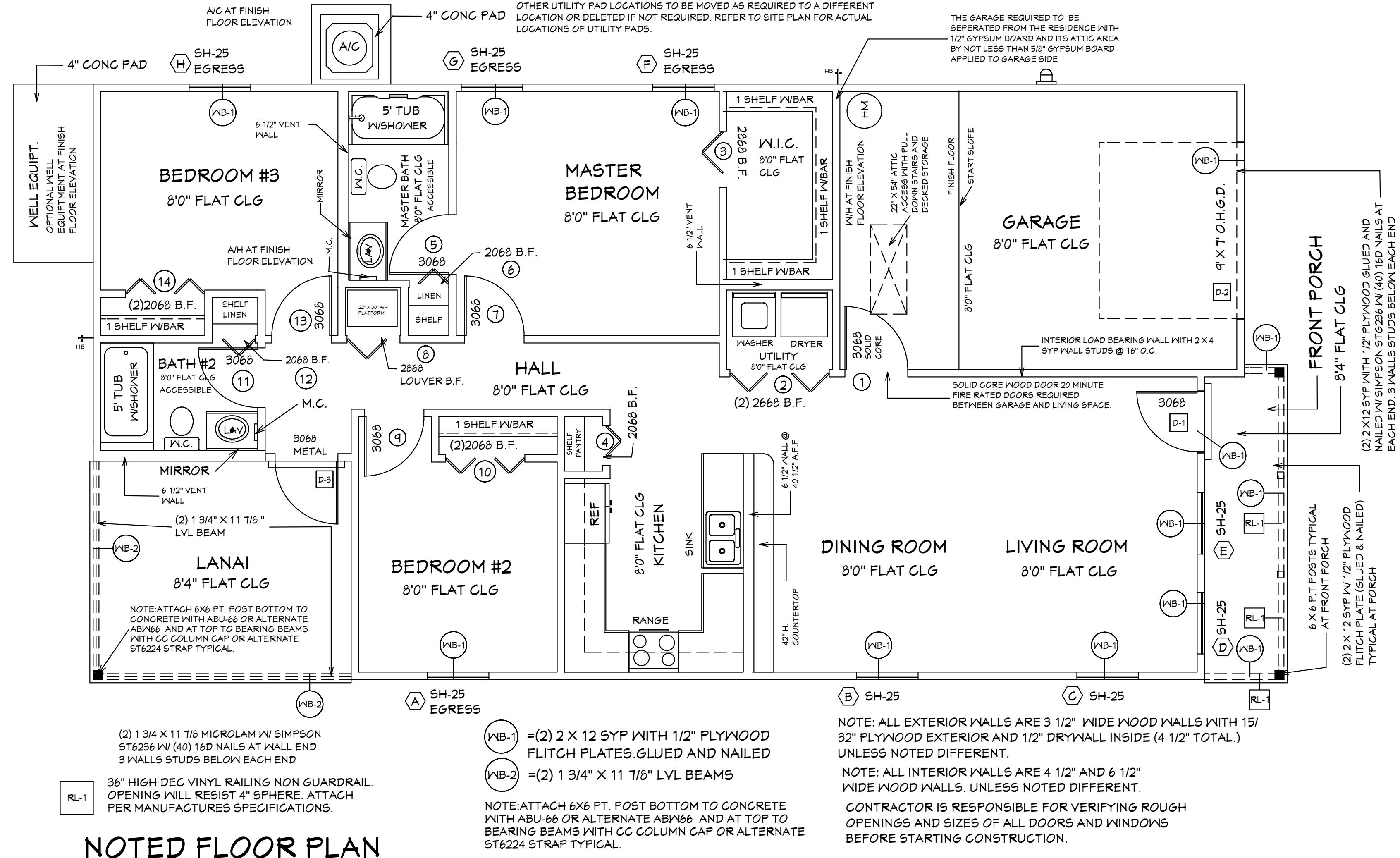
INSTALLATION NOTES:  
 1. MEANS OF EGRESS  
 2. TEMPERED WINDOW  
 3. O.H. GARAGE DOOR

\*LEGEND:  
 Dx = DOOR DESIGNATION  
 Sx = SKYLITE DESIGNATION  
 Wx = WINDOW DESIGNATION

\*SIZE DESIGNATIONS  
 W = WIDTH  
 H = HEIGHT

BUILDER TO VERIFY ALL ROUGH OPENINGS FOR ALL DOORS, SLIDING GLASS DOORS, AND WINDOWS PRIOR TO START OF CONSTRUCTION.

WINDOWS SHGC = 0.24  
 REFER TO ATTACHED ENERGY CALCULATIONS AND ATTACHED INFORMATION FROM WINDOW AND DOOR COMPANY.



NOTED FLOOR PLAN

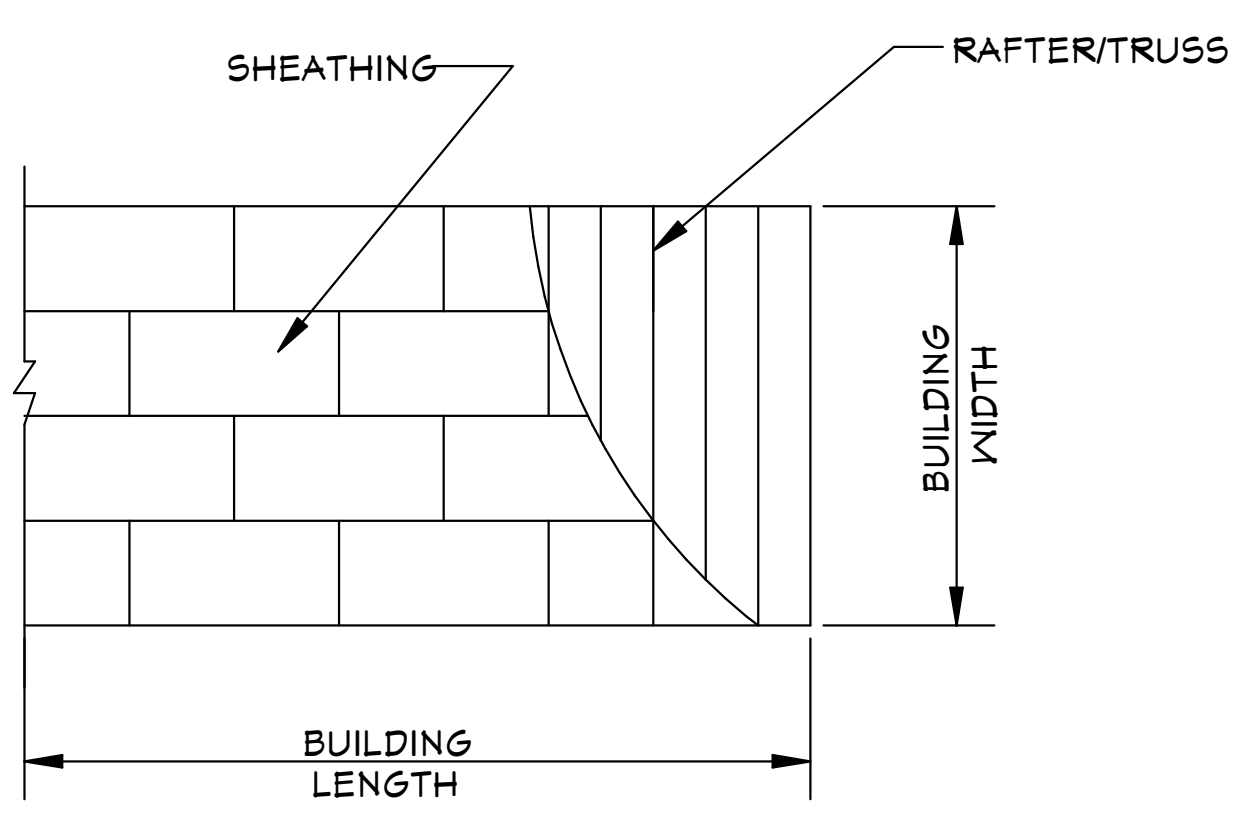
FOXTAIL 1 MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

HICKS DRAFTING & DESIGN  
 4216 5TH STREET W  
 LEHIGH ACRES FL 33971  
 CELL: (239) 462-2734  
 E-MAIL: DHICKS929@AOL.COM

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

DRAWN BY:  
 DAVID HICKS  
 DATE: 01-08-2021  
 SCALE: 1/4" = 1'0"  
 JOB#: 2024-006  
 SHEET  
 4 OF 6 SHEET





**ROOF SHEATHING LAYOUT FOR HIP ROOFS**

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

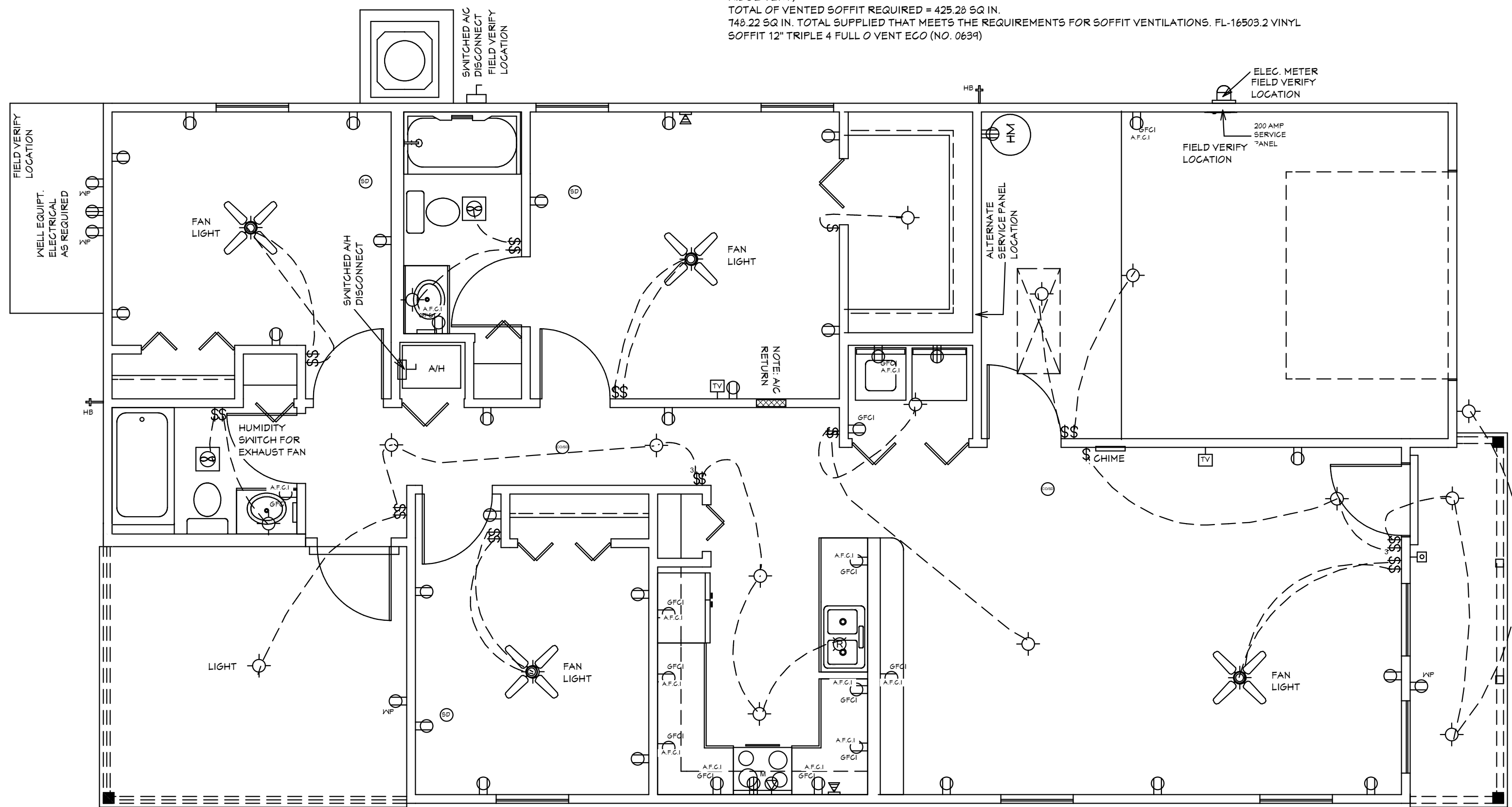
LIGHTS IN CLOSETS TO COMPLY WITH SECT. 410-8 NEC.

PROVIDE GFI PER NEC 210-8

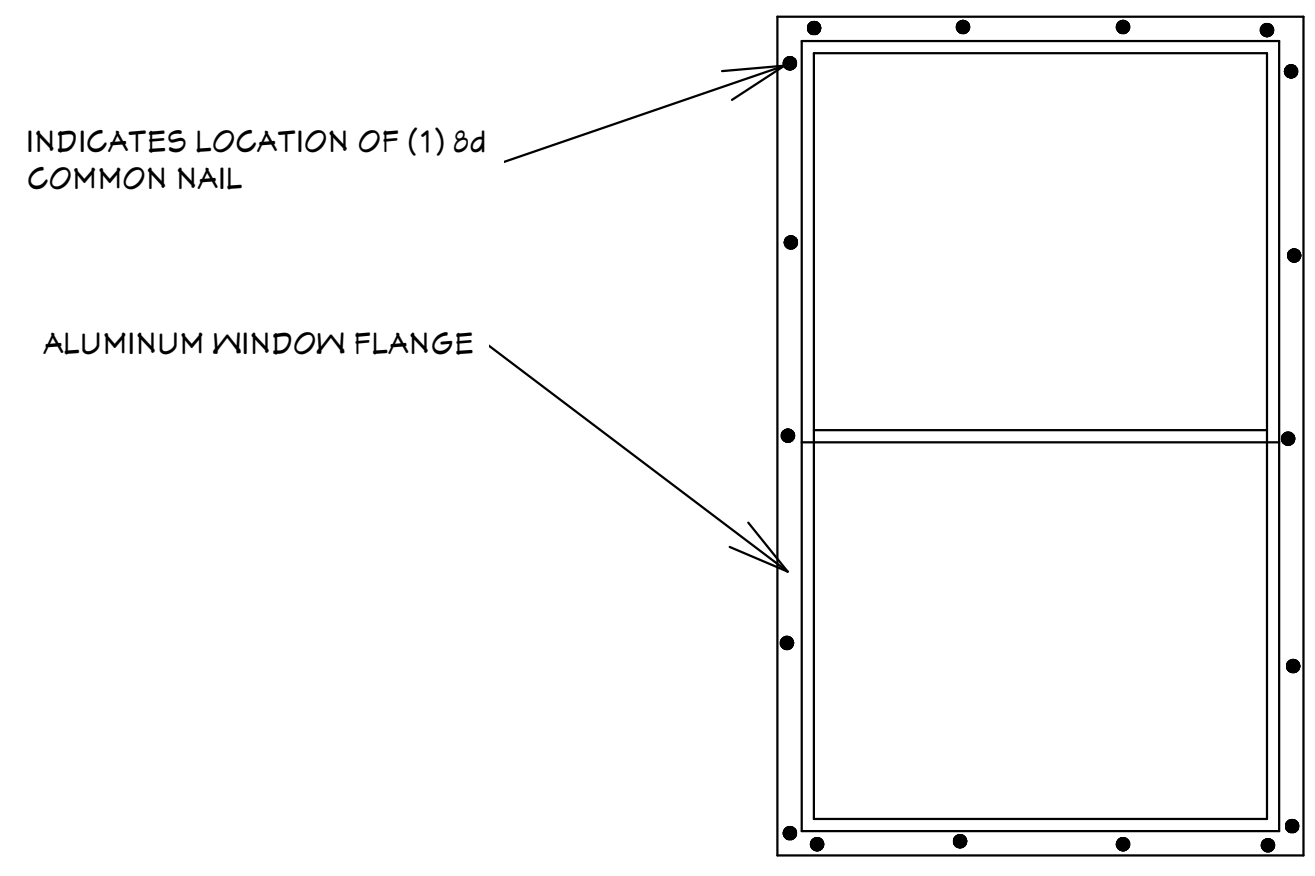
WATER CONSERVATION FIXTURES REQUIRED ORD#42-36

\*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 WET AREA'S SHALL BE PROTECTED BY G.F.C.I. OUTLETS.

**SECTION R306 ROOF VENTILATION**  
 R306.1 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 R302.7. 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.  
 R306.2 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 ventilation area shall be 1/200 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.  
 R306.3 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.  
 R306.4 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.  
 R306.5 Unvented attic and unvented enclosed rafter assemblies. Unvented attics and unvented enclosed roof framing 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 roof 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 direct 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.  
 5.1.1 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.  
 5.1.1.1 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 R306.5 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 R306.5 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 E546.  
 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 R306 ROOF VENTILATION SHOWN ABOVE.  
 R306.2 MINIMUM AREA CALCULATIONS:  
 THE TOTAL NET FREE VENTILATING AREA SHALL BE NOT LESS THAN 1 TO 300 OF THE AREA OF THE SPACE VENTILATED:  
 1172 SQ FT TOTAL ATTIC AREA TO BE VENTILATED  
 1172 SQ FT DIVIDED BY 300 SQ FT = 3.91 SQ FT TOTAL VENTILATION REQUIRED.  
 CONVERT TO 50 IN. x 144 = 350 SQ IN.  
 350 SQ IN. DIVIDED BY 2 = 425.25 SQ IN. AT SOFFITS AND 425.25 SQ IN. AT RIDGE VENTS OR OFF RIDGE VENTS SEPERATE OR COMBINED.  
 (COBRA RIDGE VENT 3 FLH-626T R8) PROVIDES 10 SQ IN PER LINEAL FT OF NET FREE VENTILATING AREA. (TAMCO 419' ROUND OFF RIDGE VENT FLH-16118-R2) PROVIDES 150 SQ IN PER OFF RIDGE VENT.  
 412.25 SQ IN DIVIDED BY 10 SQ IN PER FT OF COBRA RIDGE VENT 3 = 25.62 NET FREE LINEAL FT REQUIRED (26" RIDGE VENT)  
 TOTAL OF VENTED SOFFIT REQUIRED = 425.25 SQ IN.  
 740.22 SQ IN. TOTAL SUPPLIED THAT MEETS THE REQUIREMENTS FOR SOFFIT VENTILATIONS. FL-16502.3 VINYL SOFFIT 12" TRIPLE 4 FULL G VENT EGO (NO. 0639)

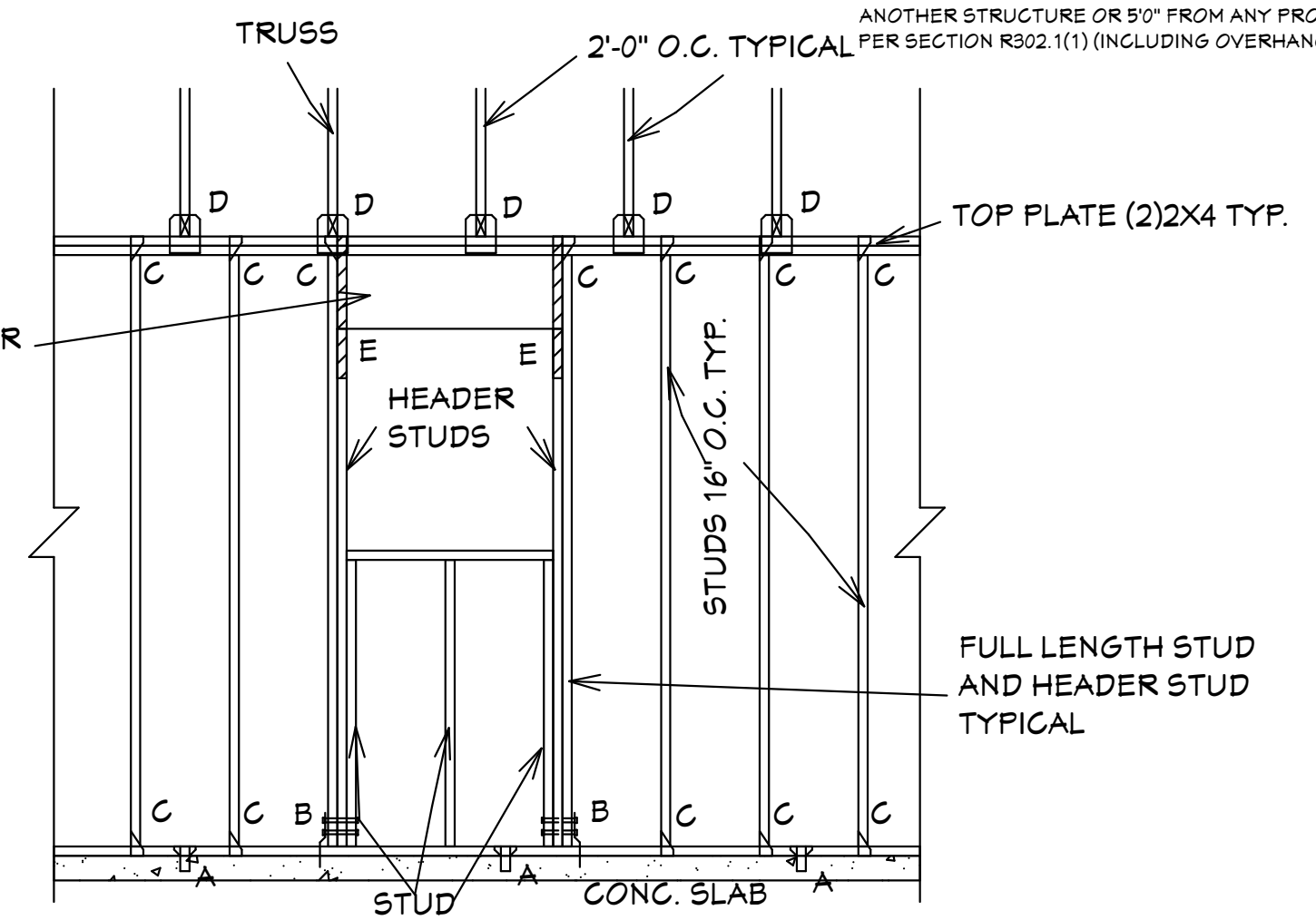


**ELECTRICAL PLAN**



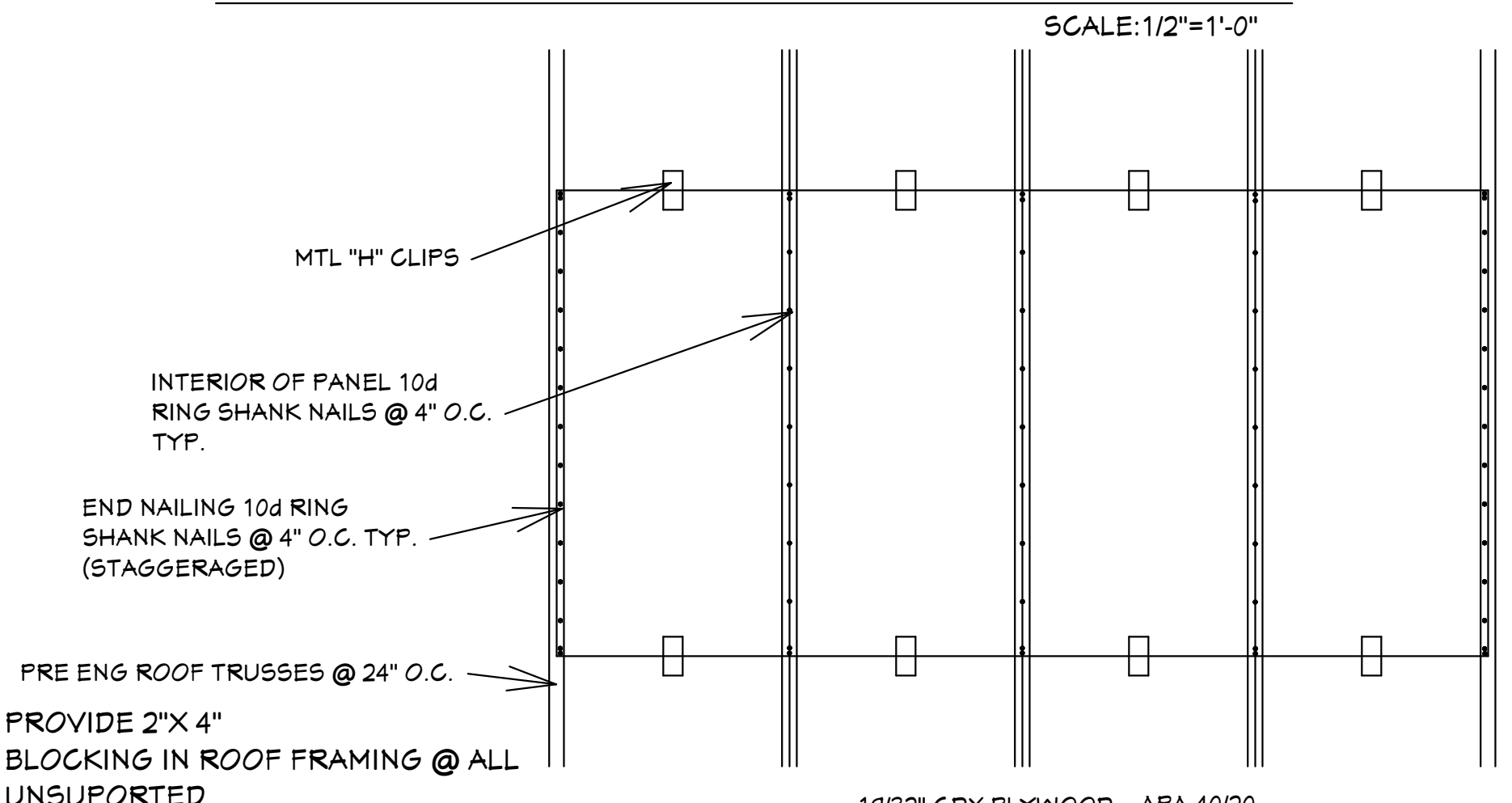
**TYPICAL WINDOW INSTALLATION DETAIL**

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	Audio Video: Control Panel, Switch
	DENOTES WALL OUTLET TAMPER RESISTANT
	DENOTES GFCI WALL OUTLET
	DENOTES WATER PROOF WALL OUTLET
	DENOTES FLOOR OUTLET
	DENOTES COVERED FLOOR OUTLET
	DENOTES T.V. OUTLET
	DENOTES DOOR BELL
	DENOTES PHONE OUTLET
	DENOTES THERMOSTAT
	DENOTES 200 AMP SERVICE BOX
	DENOTES WALL SWITCH
	DENOTES 3 WAY SWITCH
	DENOTES 4 WAY SWITCH
	DENOTES 5 WAY SWITCH
	DENOTES DIMMER SWITCH
	DENOTES WATER PROOF SWITCH
	DENOTES CEILING OR WALL FIXTURE
	DENOTES RECESS FIXTURE
	DENOTES FLOR LIGHT
	DENOTES EXHAUST FAN
	DENOTES SMOKE DETECTOR
	DENOTES SMOKE DETECTOR CARBON MONOXIDE ALARM COMBO
	DENOTES JUNCTION BOX & COVER FOR FUTURE FAN
	DENOTES JUNCTION BOX W/COVER
	DENOTES ZENFLEX LOW VOLTAGE LIGHTING SYSTEM
	Wall Jacks: CAT5, CAT5 + TV, TV/Cable
	Intercom
	Speakers: Ceiling Mounted, Wall Mounted
	240V Receptacle
	Thermostat
	Wall Mounted Light Fixtures: Flush Mounted, Wall Sconce
	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 H5 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**

**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. 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 FOR FLOOD ZONES CONSTRUCTION SHALL HAVE THE LOWEST FLOOR OR CONCRETE SLAB, INCLUDING GARAGE OR BASEMENT AND AC INH 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 NEPA MANUFACTURED HOME PARK OR SUBDIVISION. LCD CHAPTER 6, ARTICLE IV FLOOD HAZARD REDUCTION

**REVISIONS:**  
 03-23-2022  
 03-20-2024

**Quatrone & Associates, Inc.**  
 Engineers, Planners, & Development Consultants  
 4501 Vanessa Shoemaker Blvd., Fort Myers, FL 33916 (239) 936-5322 QAI@ac.net  
 AL. QUATRONE P.E. # 52741  
 Certificate of Registration Number: 9463

**COMPLIANCE STATEMENT**  
 THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA UNDER THE FLORIDA BUILDING CODE, CHAPTER 6, GENERAL AND SECTION 1609 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.

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

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

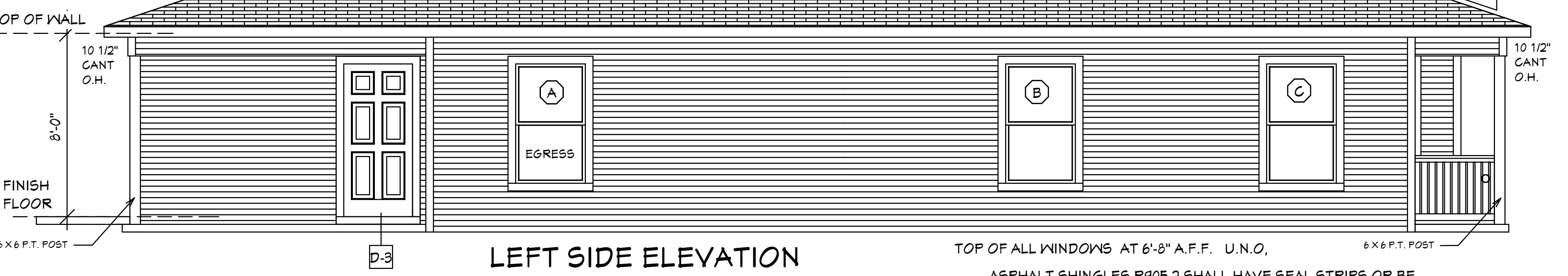
**DRAWN BY:**  
 DAVID HICKS  
**DATE:** 01-08-2021  
**SCALE:** 1/4"=1'-0"  
**JOB#:** 2024-006  
**SHEET**  
 5 OF 6 SHEET

FOXTAIL 1 MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT  
 03-20-2024 REVISION





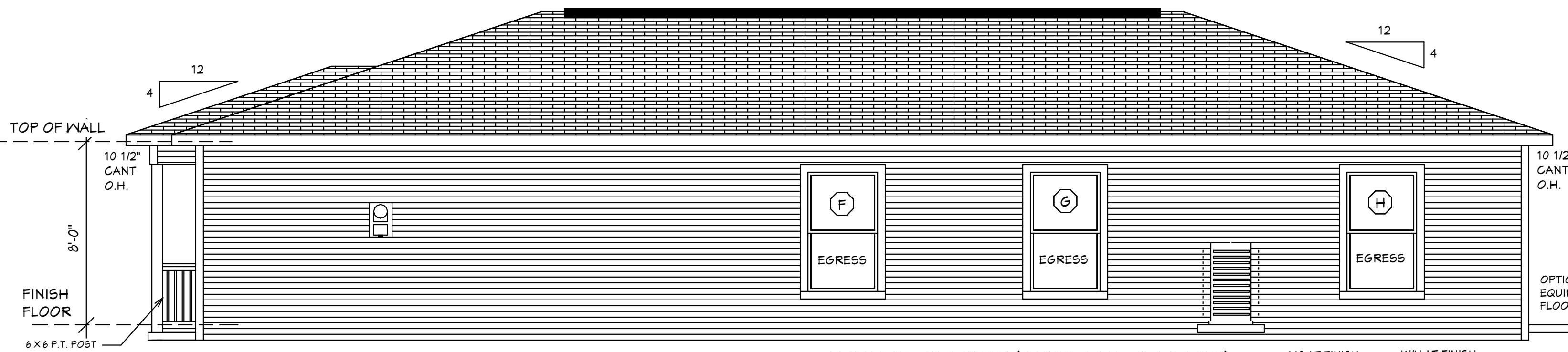
ASPHALT SHINGLES R905.2 SHALL HAVE SEAL STRIPS OR BE INTERLOCKING AND COMPLY WITH ASTM D-225 OR ASTM D-3462 AND SHINGLES NEED TO BE CLASSIFIED AS (H) OR (F) PER TABLE 1507.2 & TABLE R905.2.6.1.



LEFT SIDE ELEVATION

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

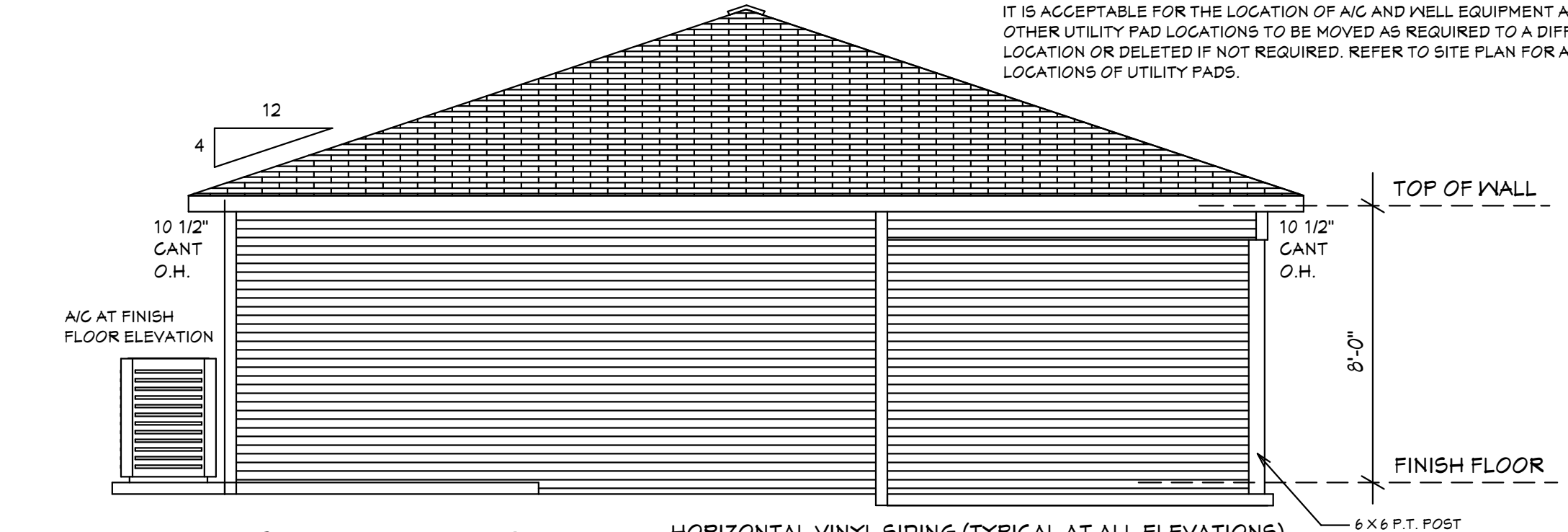
ASPHALT SHINGLES R905.2 SHALL HAVE SEAL STRIPS OR BE INTERLOCKING AND COMPLY WITH ASTM D-225 OR ASTM D-3462 AND SHINGLES NEED TO BE CLASSIFIED AS (H) OR (F) PER TABLE 1507.2 & TABLE R905.2.6.1.



RIGHT SIDE ELEVATION

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

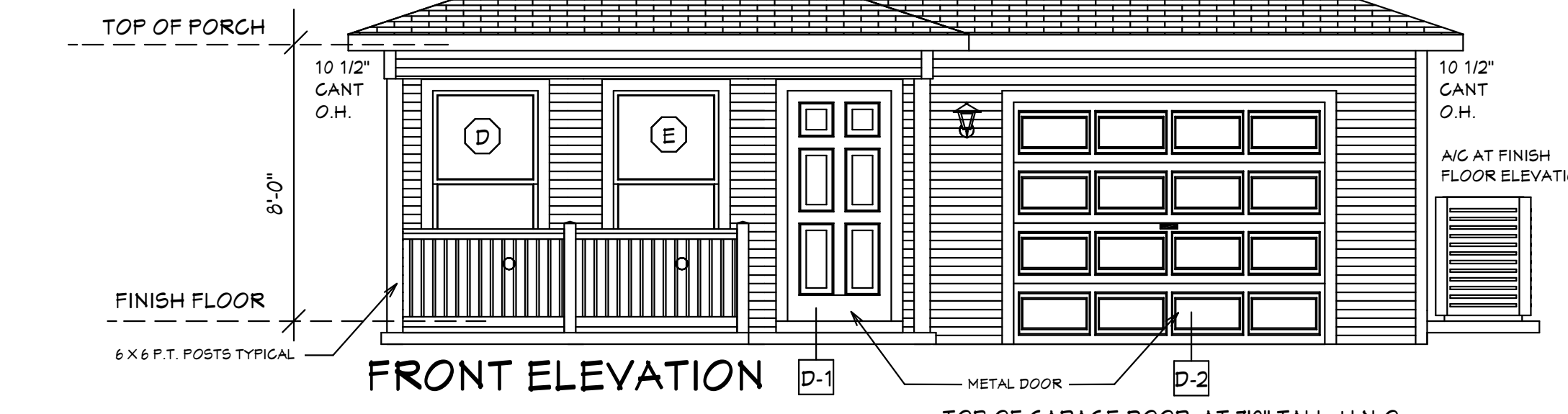
NOTE IN ACCORDANCE WITH CHAPTER 7 ASCE 24 ATTENDANT UTILITIES A/C AND W/H AND ALL OTHER EQUIPMENT SHALL BE LOCATED AT FINISH FLOOR ELEVATION OR ABOVE THE MINIMUM FLOOD ELEVATION BFE + 1 FOOT OF FREEBOARD WITH THE EXCEPTION OF RISERS OR UNDERGROUND LINES. IT IS ACCEPTABLE FOR THE LOCATION OF A/C AND WELL EQUIPMENT AND OTHER UTILITY PAD LOCATIONS TO BE MOVED AS REQUIRED TO A DIFFERENT LOCATION OR DELETED IF NOT REQUIRED. REFER TO SITE PLAN FOR ACTUAL LOCATIONS OF UTILITY PADS.



BACK ELEVATION

HORIZONTAL VINYL SIDING (TYPICAL AT ALL ELEVATIONS)  
TOP OF ALL WINDOWS AND DOORS ARE SET AT 6'-8" ABOVE FINISH FLOOR

ASPHALT SHINGLES R905.2 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 R905.2.6.1.



FRONT ELEVATION

METAL DOOR  
TOP OF GARAGE DOOR AT 7'-0" TALL U.N.O.  
TOP OF ALL WINDOWS AND DOORS ARE SET AT 6'-8" ABOVE FINISH FLOOR

RL-1 36" HIGH DEC VINYL RAILING NON GUARDRAIL. OPENING WILL RESIST 4" SPHERE. ATTACH PER MANUFACTURES SPECIFICATIONS.

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 = 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) = 144.0 MPH (NOMINAL DESIGN)  
 130 MPH (ULTIMATE DESIGN) = 156.0 MPH (NOMINAL DESIGN)  
 150 MPH (ULTIMATE DESIGN) = 180.0 MPH (NOMINAL DESIGN)

**IMPORTANCE FACTOR/COMPONENTS AND CLADDING:**  
 0.71 (RISK CATEGORY II)  
 1.00 (RISK CATEGORY I)  
 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)  
 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 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 COVERING  
 COMBINATION OF IMPACT RESISTANT GLAZING & COVERING

**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**

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. 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**  
 NEW CONSTRUCTION OF ANY RESIDENTIAL STRUCTURE SHALL HAVE THE LOWEST FLOOR OR CONCRETE SLAB, INCLUDING GARAGE OR BASEMENT AND A/C W/H 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 90" FROM ANY PROPERTY LINE PER SECTION R302.1(1) (INCLUDING OVERHANGS)

**Quatrone & Associates, Inc.**  
 Engineers, Planners, & Development Consultants  
 4501 Vanonia Shoemaker Blvd., Fort Myers, FL 33916 (239) 936-5222 QAI@ac.net  
 AL. QUATRONE P.E. # 52741  
 Certificate of Registration Number: 9463

**COMPLIANCE STATEMENT**  
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**REVISIONS:**

03-23-2022
03-20-2024

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 R507

ONE LAYER OF WATER RESISTIVE BARRIER BEHIND EXTERIOR SIDING WALL COVERING RT03.2

TWO LAYERS OF WATER RESISTIVE BARRIER BEHIND EXTERIOR WALLS WITH WIRE LATH & CEMENTITIOUS FINISH COVERING RT03.7.3

PAN FLASHING UNDER WINDOWS AND DOORS ON FRAME CONSTRUCTION. REFER TO NOTES RT03.4 ON SHEET 3 OF 6

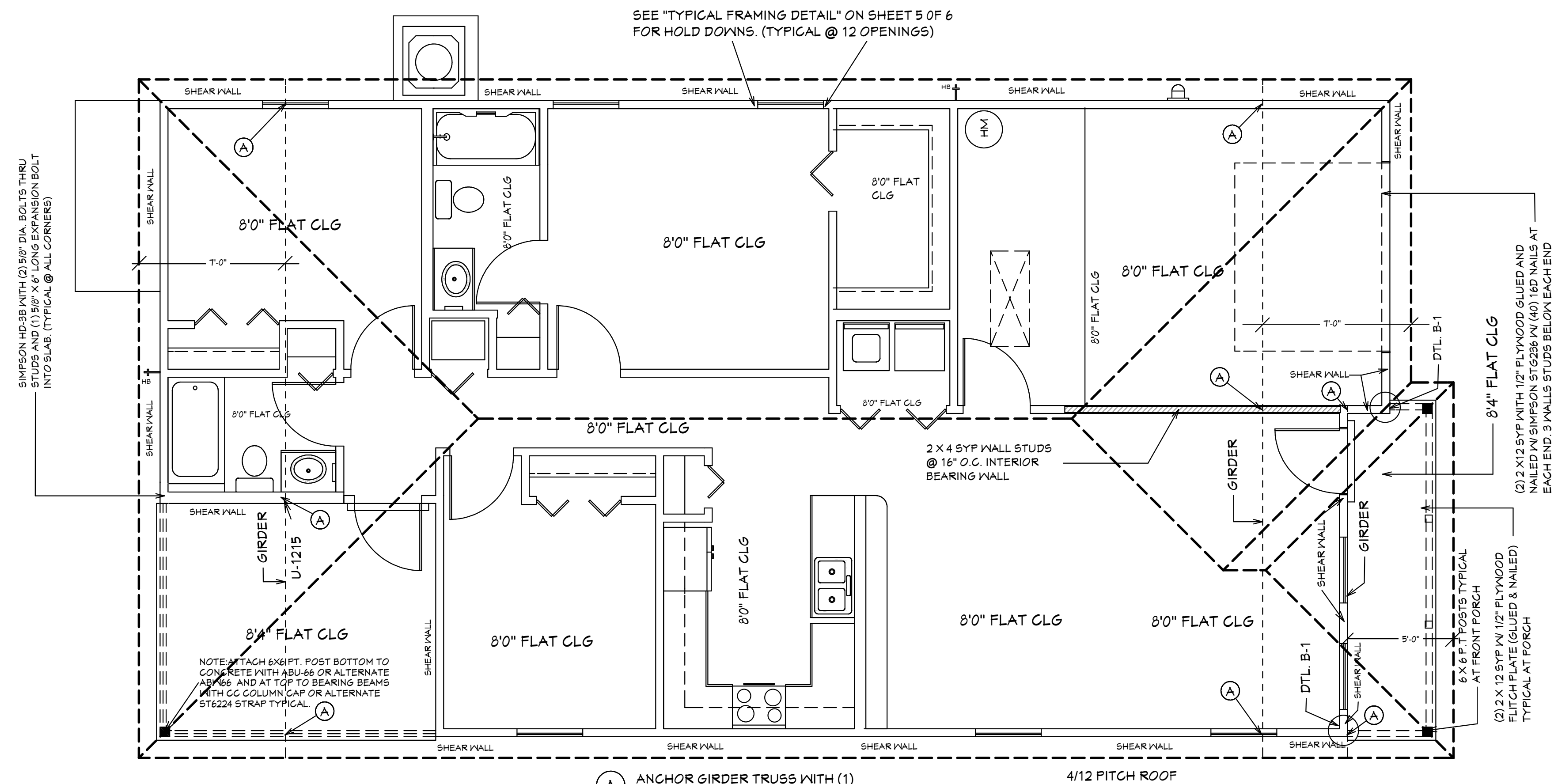
WINDOWS MUST HAVE COMPLIANT SHGC VALUES. REFER TO EXTERIOR OPENING CHART AND ATTACHED ENERGY CALCULATIONS AND WINDOW AND DOOR SPEC SHEETS FROM MANUFACTURERS.

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 BEEN 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 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-2	SHOP DRAWINGS
SH-1 OF SH-2	SHOP DRAWINGS



(2) 1 3/4 X 11 7/8 MGROLAM W/ SIMPSON ST6236 W/ (40) 16D NAILS AT WALL END. 3 WALLS STUDS BELOW EACH END

- (A) ANCHOR GIRDER TRUSS WITH (1) SIMPSON HTS-20 (TYPICAL)
- (B) ANCHOR GIRDER TRUSS WITH (2) SIMPSON HTS-20 (TYPICAL)

NOTE: ATTACH 6X6 FT. POST BOTTOM TO CONCRETE WITH ABU-66 OR ALTERNATE ABV66 AND AT TOP TO BEARING BEAMS WITH CC COLUMN CAP OR ALTERNATE ST6224 STRAP TYPICAL.

ROOF PLANE PLAN

4/12 PITCH ROOF  
 2X4 TOP CHORD  
 10 1/2" CANT PLUMB OVERHANG  
 TRUSS BEARING AT 8'0" ELEV. A.F.F. TYPICAL  
 160 MPH WIND LOAD  
 40 LBS LOADING/ASPHALT SHINGLES

MASTER PLAN  
 I AL QUATRONE APPROVE OF REPETITIVE USE OF PLANS FOR PERMITTING  
 FOXTAIL 1 MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

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

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

**DRAWN BY:**  
DAVID HICKS

**DATE:** 01-08-2021

**SCALE:** 1/4"=10"

**JOB#:** 2024-006

**SHEET**  
1A OF 6 SHEET

03-20-2024 REVISION



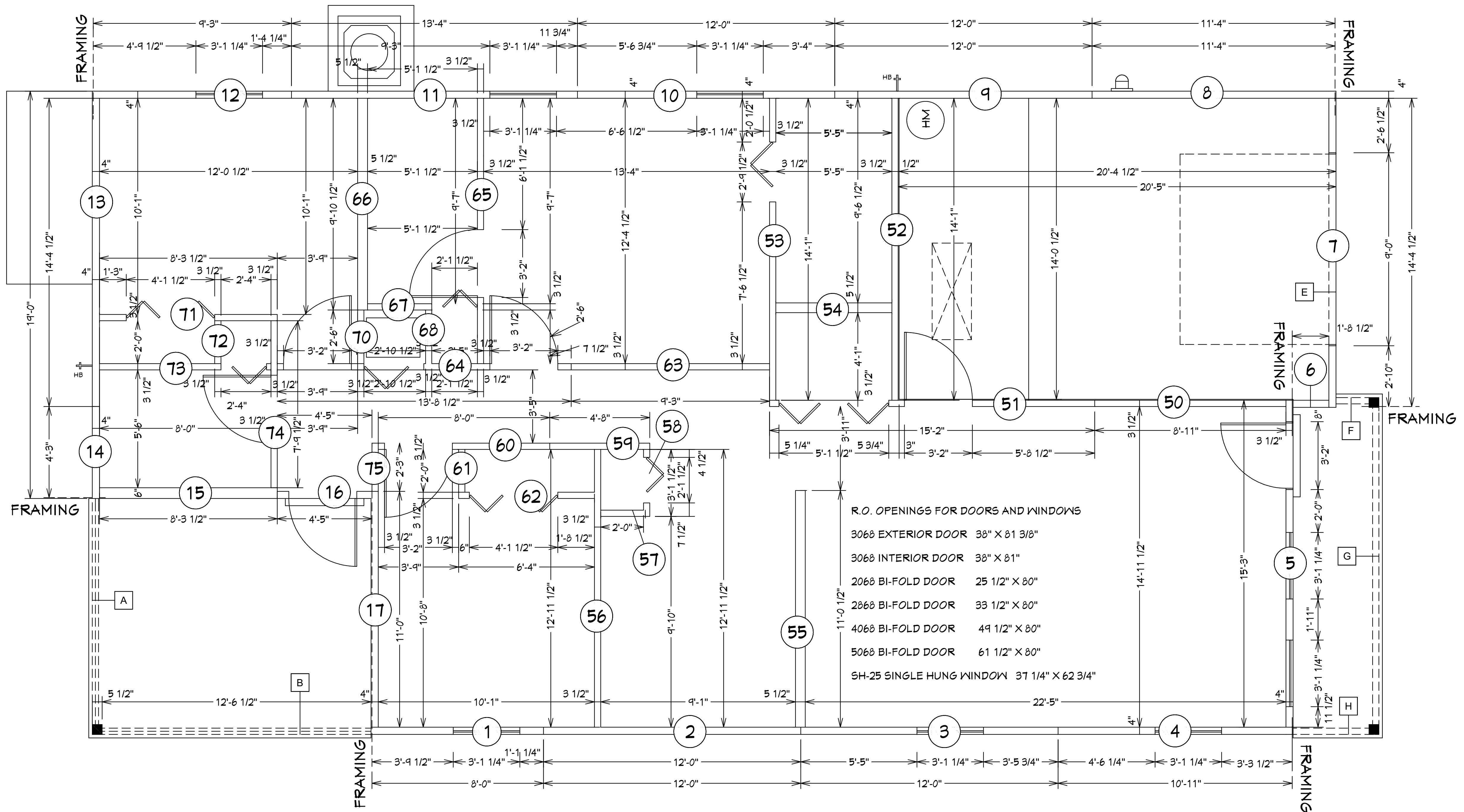
FOXTAIL 1 MODEL WALL SCHEDULE			
WALL#	LENGTH	EXTERIOR OR INTERIOR	NOTES
1	8'-0"	EXTERIOR	2 X 4 SYP #2 WALL WITH PLYWOOD
2	12'-0"	EXTERIOR	2 X 4 SYP #2 WALL WITH PLYWOOD
3	12'-0"	EXTERIOR	2 X 4 SYP #2 WALL WITH PLYWOOD
4	10'-11"	EXTERIOR	2 X 4 SYP #2 WALL WITH PLYWOOD
5	15'-3"	EXTERIOR	2 X 4 SYP #2 WALL WITH PLYWOOD
6	1'-8 1/2"	EXTERIOR	2 X 4 SYP #2 WALL WITH PLYWOOD
7	14'-4 1/2"	EXTERIOR	2 X 4 SYP #2 WALL WITH PLYWOOD
8	11'-4"	EXTERIOR	2 X 4 SYP #2 WALL WITH PLYWOOD
9	12'-0"	EXTERIOR	2 X 4 SYP #2 WALL WITH PLYWOOD
10	12'-0"	EXTERIOR/INTERIOR	2 X 4 SYP #2 WALL WITH PLYWOOD
11	13'-4"	EXTERIOR	2 X 4 SYP #2 WALL WITH PLYWOOD
12	9'-3"	EXTERIOR	2 X 4 SYP #2 WALL WITH PLYWOOD
13	14'-4 1/2"	EXTERIOR	2 X 4 SYP #2 WALL WITH PLYWOOD
14	4'-3"	EXTERIOR	2 X 4 SYP #2 WALL WITH PLYWOOD
15	8'-3-1/2"	EXTERIOR	2 X 6 SYP #2 WALL NO PLYWOOD (PLUMBING)
16	4'-5"	EXTERIOR	2 X 4 SYP #2 WALL NO PLYWOOD
17	11'-0"	EXTERIOR	2 X 4 SYP #2 WALL NO PLYWOOD
18	8'-11"	INTERIOR	2 X 4 SYP #2 WALL (INTERIOR BEARING)
19	15'-2"	INTERIOR	2 X 4 SYP #2 WALL (INTERIOR BRG)
20	14'-1"	INTERIOR	2 X 4 SYP #2 WALL
21	14'-1"	INTERIOR	2 X 4 SYP #2 WALL
22	5'-5"	INTERIOR	2 X 6 SYP #2 WALL (PLUMBING)
23	11'-0-1/2"	INTERIOR	2 X 6 SYP #2 WALL (37 1/2" TALL)
24	12'-11-1/2"	INTERIOR	2 X 4 SYP #2 WALL
25	2'-0"	INTERIOR	2 X 4 SYP #2 WALL
26	3'-1-1/2"	INTERIOR	2 X 4 SYP #2 WALL
27	4'-8"	INTERIOR	2 X 4 SYP #2 WALL
28	8'-0"	INTERIOR	2 X 4 SYP #2 WALL
29	2'-0"	INTERIOR	2 X 4 SYP #2 WALL
30	6'-4"	INTERIOR	2 X 4 SYP #2 WALL
31	9'-3"	INTERIOR	2 X 4 SYP #2 WALL
32	13'-8-1/2"	INTERIOR	2 X 4 SYP #2 WALL
33	12'-4 1/2"	INTERIOR	2 X 4 SYP #2 WALL
34	9'-10 1/2"	INTERIOR	2 X 6 SYP #2 WALL (PLUMBING)
35	5'-1 1/2"	INTERIOR	2 X 4 SYP #2 WALL
36	2'-6"	INTERIOR	2 X 4 SYP #2 WALL
37	N/A	N/A	N/A
38	2'-6"	INTERIOR	2 X 4 SYP #2 WALL
39	8'-3-1/2"	INTERIOR	2 X 4 SYP #2 WALL
40	2'-0"	INTERIOR	2 X 4 SYP #2 WALL
41	8'-0"	INTERIOR	2 X 4 SYP #2 WALL
42	7'-9-1/2"	INTERIOR	2 X 4 SYP #2 WALL
43	2'-3"	INTERIOR	2 X 4 SYP #2 WALL
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NOTE: ALL DIMENSIONS AS PER BUILDER

FOXTAIL 1 MODEL LVL BEAM SCHEDULE		
BEAM #	LENGTH	BEAM TYPE
A	11'7 3/4"	(2) PLY 1 3/4" X 11 7/8" LVL BEAM
B	13'3 1/2"	(2) PLY 1 3/4" X 11 7/8" LVL BEAM
C		
D		

FOXTAIL 1 MODEL 2 X 12 SYP. BEAM SCHEDULE		
BEAM #	LENGTH	BEAM TYPE
E	9'-6"	(2) 2 X 12 SYP. W/ 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)
F	2'-6"	(2) 2 X 12 SYP. W/ 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)
G	16'-0 1/2"	(2) 2 X 12 SYP. W/ 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)
H	4'-6"	(2) 2 X 12 SYP. W/ 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)



NOTE: EXTERIOR WOOD WALLS ARE 3 1/2" WIDE WITH 15/32" 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.

**Quattrone & Associates, Inc.**  
 Engineers, Planners, & Development Consultants  
 4501 Van Ness Boulevard, Fort Myers, FL 33916 (239) 936-5222 QAC@comcast.net  
 AL GOVERNMENT P.E. # 52741  
 Certificate of Registration Number: 9463

COMPLIANCE STATEMENT  
 THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, CHAPTER 63, PART I, GENERAL AND SECTION 1604 OF THE (6TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.

REVISIONS:
03-23-2022
03-20-2024

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

FOXTAIL 1 MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

BUILDER: HABITAT FOR HUMANITY  
 3 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: 01-08-2021

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

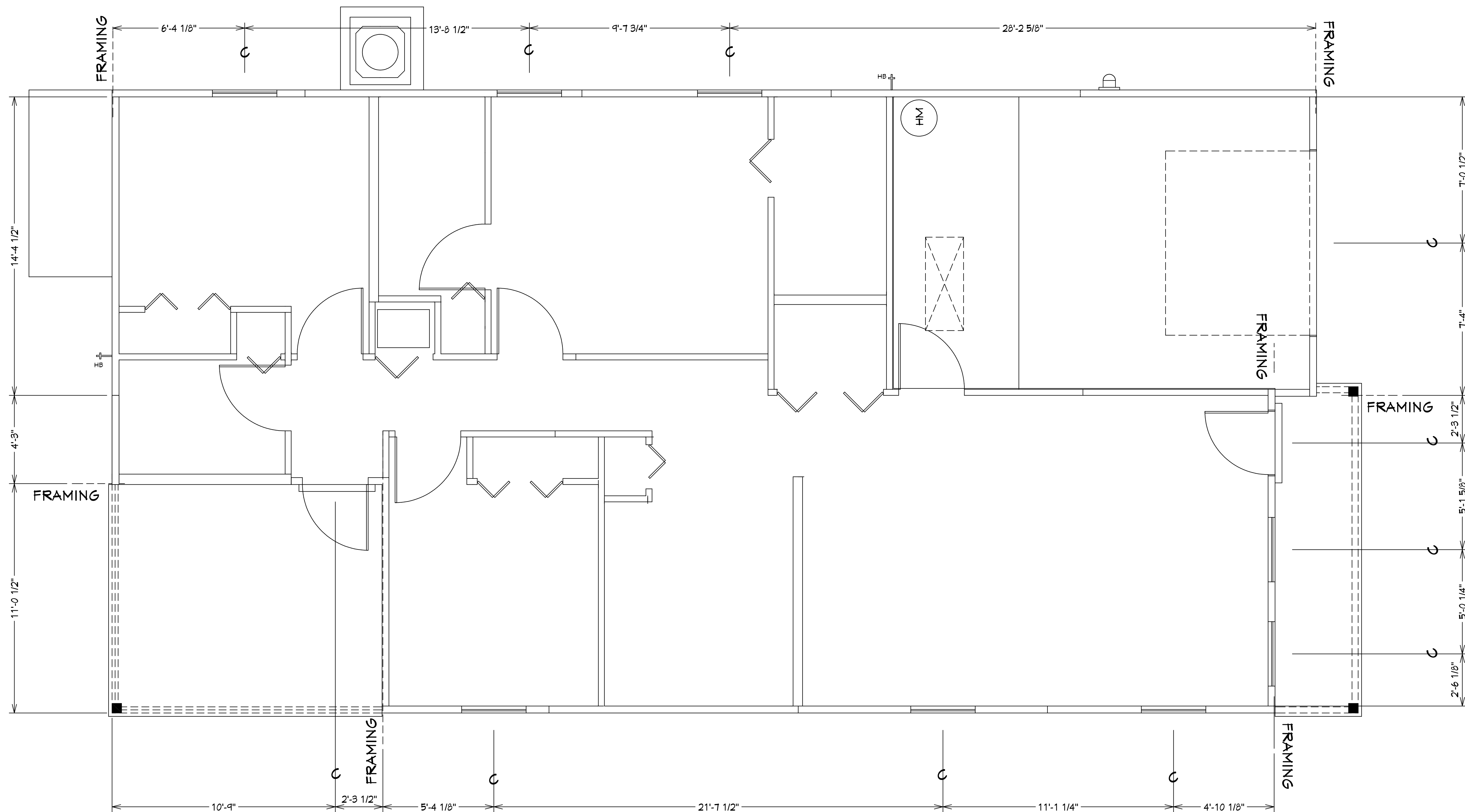
JOB#: 2024-006

SHEET  
 SH-1 OF SH-2 SHEET

03-20-2024 REVISION

03-20-2024





CENTER LINE OF WINDOWS LOCATION PLAN  
SCALE : N.T.S.

NOTE: EXTERIOR WOOD WALLS ARE 3 1/2" WIDE WITH 15/32" PLYWOOD. (4" TOTAL ) UNLESS NOTED DIFFERENT.. INTERIOR WOOD WALLS ARE 3 1/2" & 5 1/2" WIDE WOOD WALLS UNLESS NOTED DIFFERENT.

**Quattrone & Associates, Inc.**  
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4501 Vanasia Shoreside Blvd., Fort Myers, FL 33916 (239) 936-5222 QAIllc.com  
AL QUATTRONE P.E. # 52741  
Certificate of Authorization Number: 9465

COMPLIANCE STATEMENT  
THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND ARE IN ACCORDANCE WITH THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 610, GENERAL AND SECTION 1604 OF THE (8TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.

REVISIONS:  
03-23-2022  
03-20-2024

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FOXTAIL 1 MODEL / RIGHT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT

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

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

03-20-2024 REVISION

DRAWN BY:  
DAVID HICKS

DATE: 01-08-2021

SCALE: 1/4" = 1'0"

JOB#: 2024-006

SHEET  
SH-2 OF SH-2 OF SHEET