

**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. THE 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 (6TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3, AND SECTION 1609 OF THE (6TH 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.

**COMPLIANCE STATEMENT**  
THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND THE DESIGN PERMITS FOR THE (6TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE, CHAPTER 3 IN GENERAL AND SECTION 1609 OF THE (6TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.

**REVISIONS:**

02-23-2022
03-17-2024

**REVISIONS:**

02-23-2022
03-17-2024

**UNDERLAYMENT MUST MEETS 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 selfadhering polymer-modified bitumen complying with ASTM D1970 or a minimum 3/4 - inch wide strip of selfadhering 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 FBCR 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 19/32" PLYWOOD SHEATHING OR 19/32" OSB 40/20 RATED SHEATHING WITH 10d RING SHANK NAILS R803.2.3.1 AT 4" O.C. AT EDGES AND 4" O.C. AT INTERMEDIATE SUPPORT

26 GA ALUM OR GALV. DRIP EDGE  
8" O.H.  
10 1/2" CANT. O.H.

PRE-ENGINEERED WOOD TRUSS 24" O.C. SIMPSON H-10A TRUSS TO PLATE SIMPSON H-2.5A PLATE TO STUD OR EQUAL

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 R703.1.2.1 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 R703

1/2" DOWN CHEMICAL STYROFOAM BRAND R-3 RESIDENTIAL FOAM SHEATHING INSULATION

15/32" PLYWOOD SHEATHING OR 7/16" OSB 24/16 RATED SHEATHING USE 8d NAILS AT 4" O.C. ALONG TOP AND BOTTOM WALL PLATES.

4" O.C. AT VERTICAL EDGES

6" O.C. AT INTERMEDIATE FRAMING

2 X 4 P.T. BOTTOM PLATE ON 1/4" POLYETHYLENE FOAM GASKET SIDING 1" BELOW SLAB ELEVATION OF GRADE

8" BELOW TOP OF 8" SLAB (TYPICAL)

4" CONCRETE SLAB W/ 6" X 6" WIRE MESH (DOUBLE MESH 3 FT AT EDGE) OR FIBERMESH OVER 6 MIL VB LAPPED 6" AND TAPPED OVER CLEAN COMPACTED POISONED FILL OR OPTIONAL BORA CARE TREATMENT

20" X 12" MONO FTG. W/ 2 #5 REBARS CONT. (3IN. MIN. COVER)

3/4"=1'-0"

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Certificate of Registration Number: 9465  
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**BUILDER: HABITAT FOR HUMANITY**  
4 BEDROOM 2 BATH HOME / 160 MPH WIND LOADING

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

**DRAWN BY:** DAVID HICKS  
**DATE:** 03-12-2021  
**SCALE:** 1/4"=1'0"  
**JOB#** 2024-028  
**SHEET** 2 OF 6

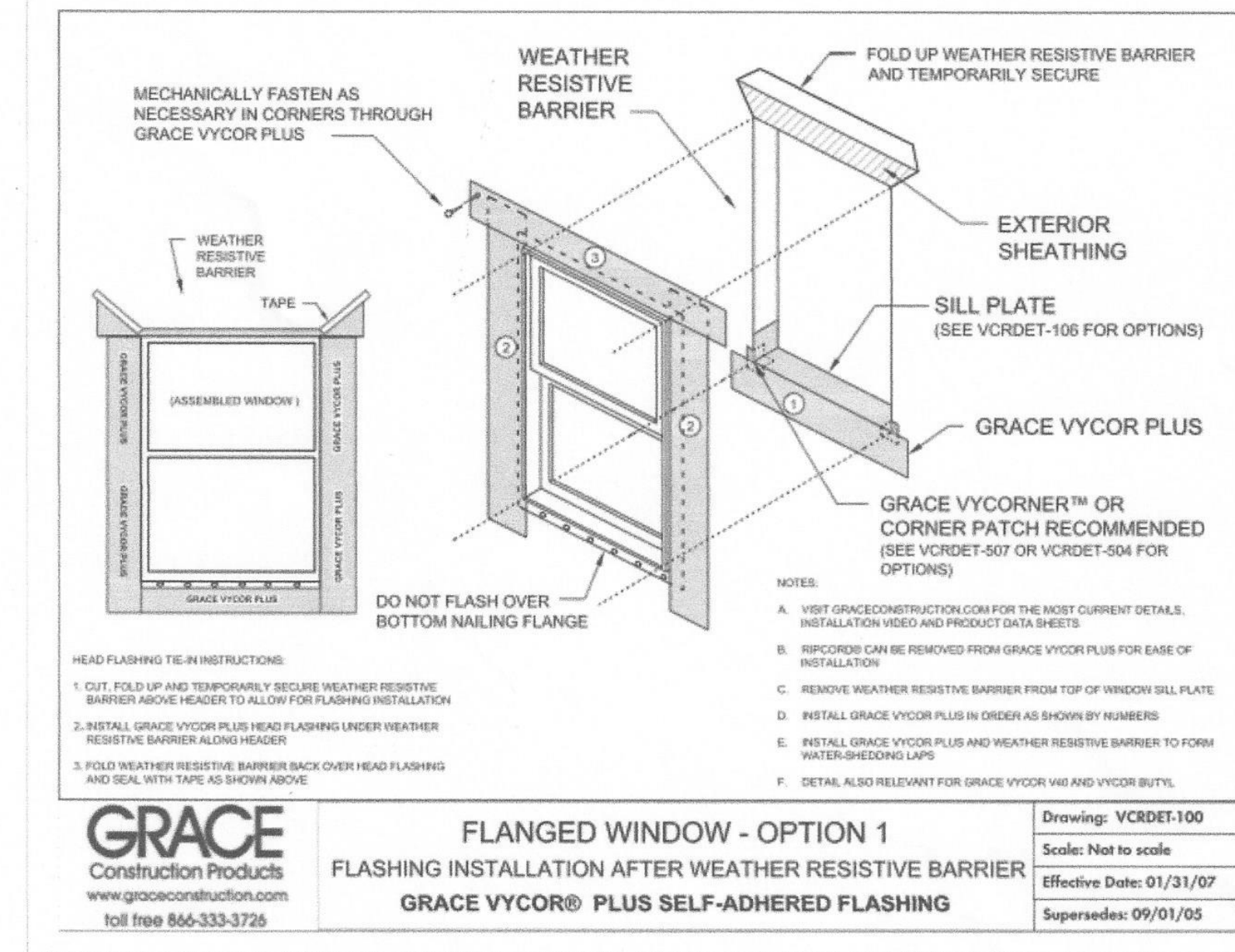
**03-17-2024 REVISION**



**RT03.4 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 711. 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 N5 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 714. 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 703.2 for subsequent drainage. Mechanically attached flexible flashings shall comply with AAMA 712. 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 2T10.
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.



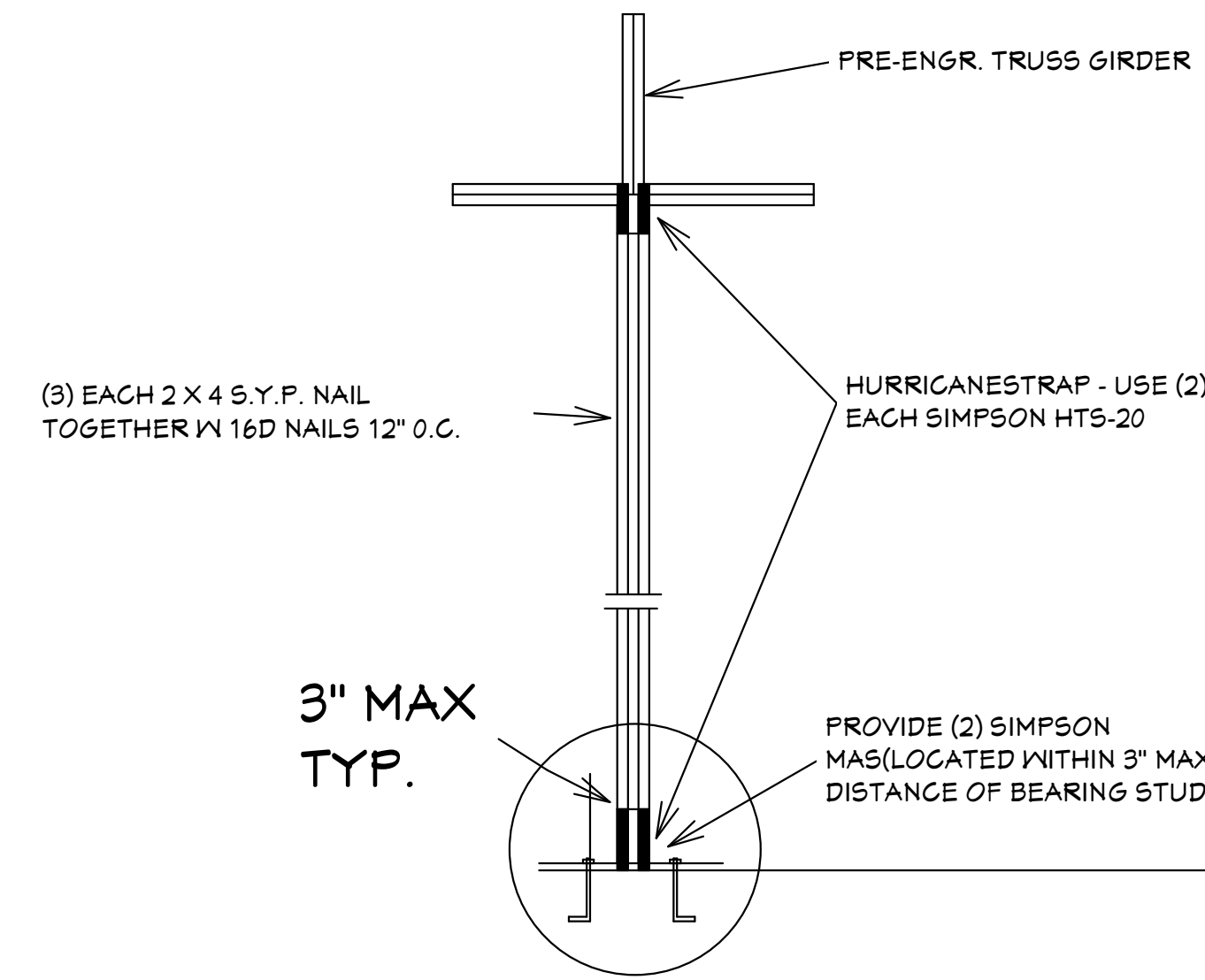
PAN FLASHING UNDER WINDOWS AND DOORS ON FRAME CONSTRUCTION NEED TO COMPLY WITH AAMA711 IF SELF-ADHERED MEMBRANES ARE USED AS FLASHING R703.4

**GENERAL NOTES**

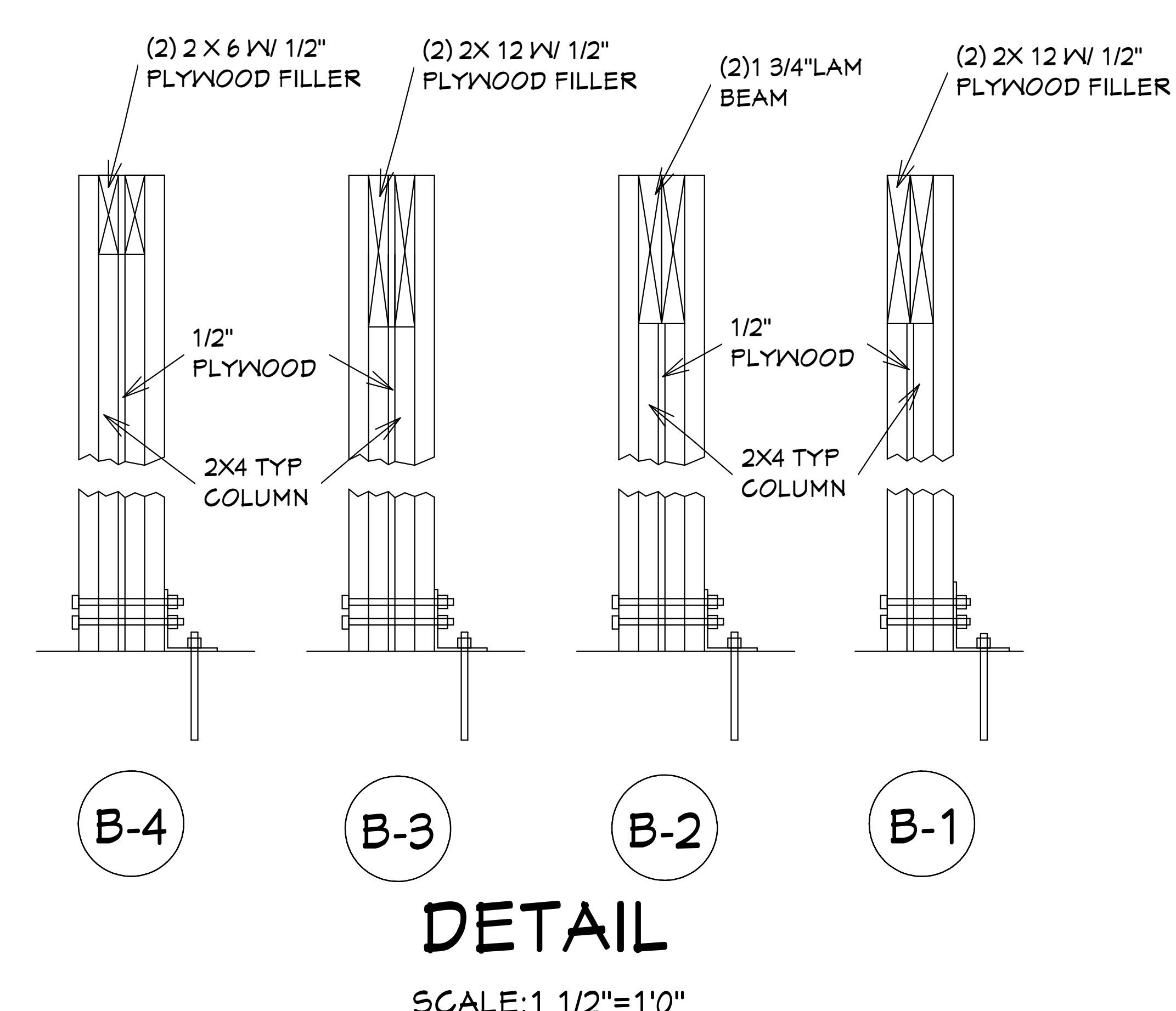
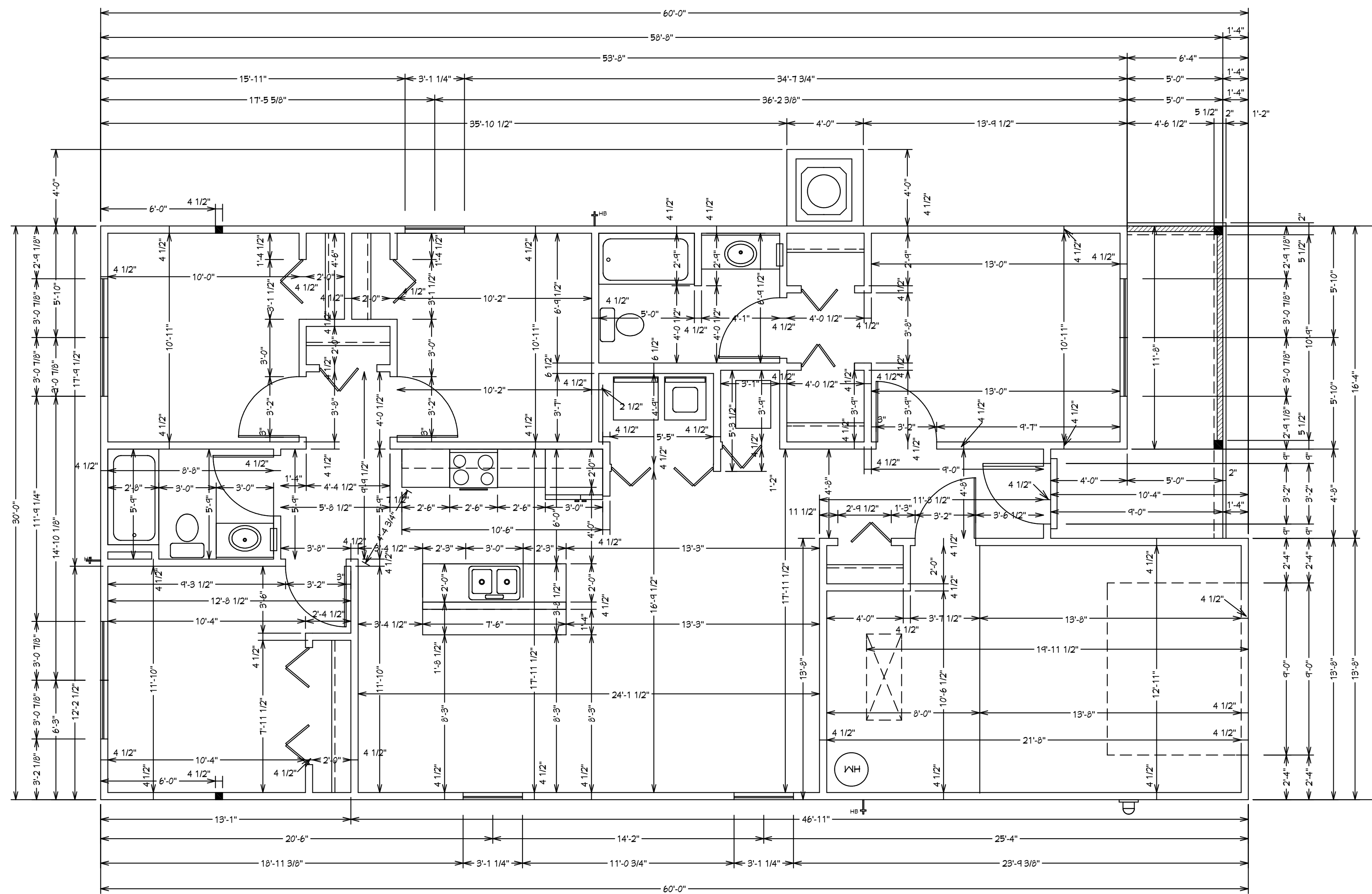
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NOTE: MASTER PLANS FEMA FLOOD ZONES CONSTRUCTION NEW CONSTRUCTION OF ANY RESIDENTIAL STRUCTURE SHALL HAVE THE LOWEST FLOOR OR CONCRETE SLAB, INCLUDING GARAGE OR BASEMENT AND AC-PH AND ALL EQUIPMENT, ELEVATED TO FINISH FLOOR ELEV. OR ABOVE THE BASE 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)



TYPICAL CONNECTION SECTION FOR GIRDER TRUSS TO BEARING WALLS WITH REACTIONS OVER #2000  
SCALE: 1/2"=1'0"



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**REVISIONS:**  
02-23-2022  
03-17-2024

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PALMERA 2-A HIP MODEL / LEFT HAND GARAGE MONO FOOTER / 2023 CODE / 10 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: / ADDRESS:  
STRAP#

DRAWN BY:  
DAVID HICKS

DATE: 03-12-2021

SCALE: 1/4"=1'0"

JOB#2024-028

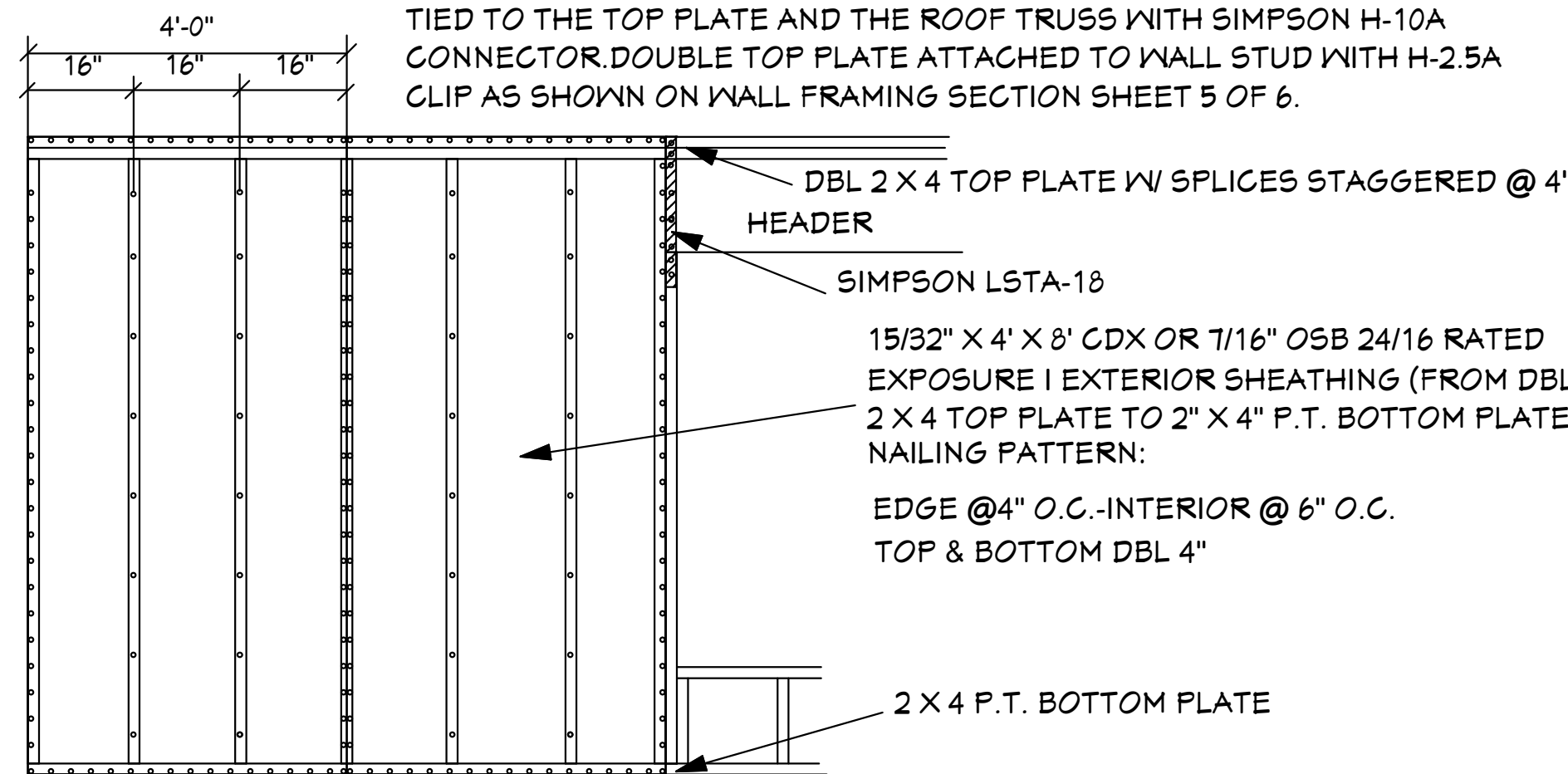
SHEET  
3 OF 6 SHEET

03-17-2024 REVISION

03-17-2024



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.



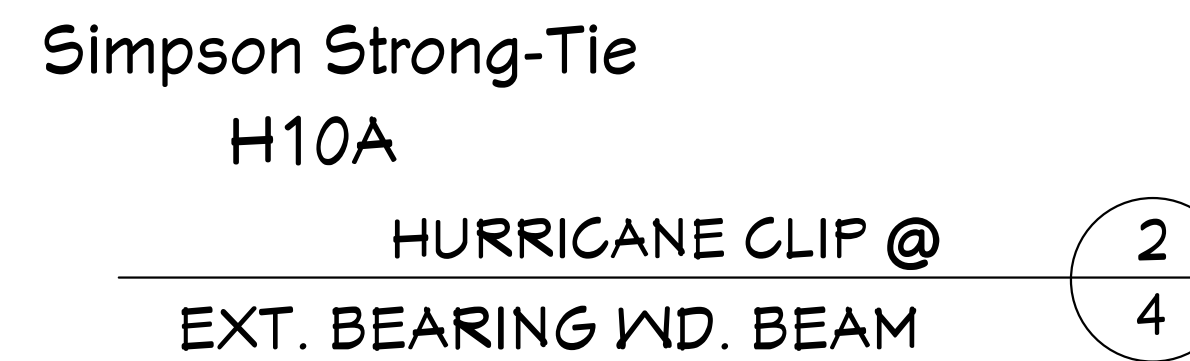
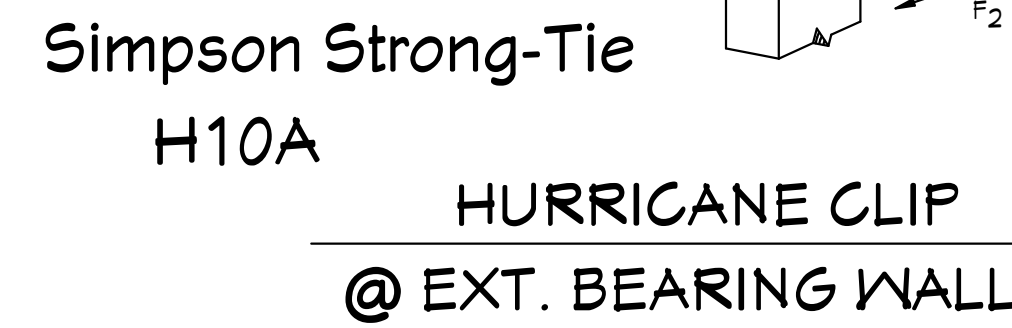
EXTERIOR WALL NAILING DETAIL

SCALE: N.T.S.

DOOR LEGEND					
WIDTH		HEIGHT		PKT= POCKET	
FEET	INCHES	FEET	INCHES		
3	0	6	8	BF= BI-FOLD	
				BP= BI-PASS	
				FR= FRENCH	
				FX= FIXED	
				MIR= MIRRORED	
				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 1/2" EXTERIOR GRADE PLYWOOD OR 1/2" 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.

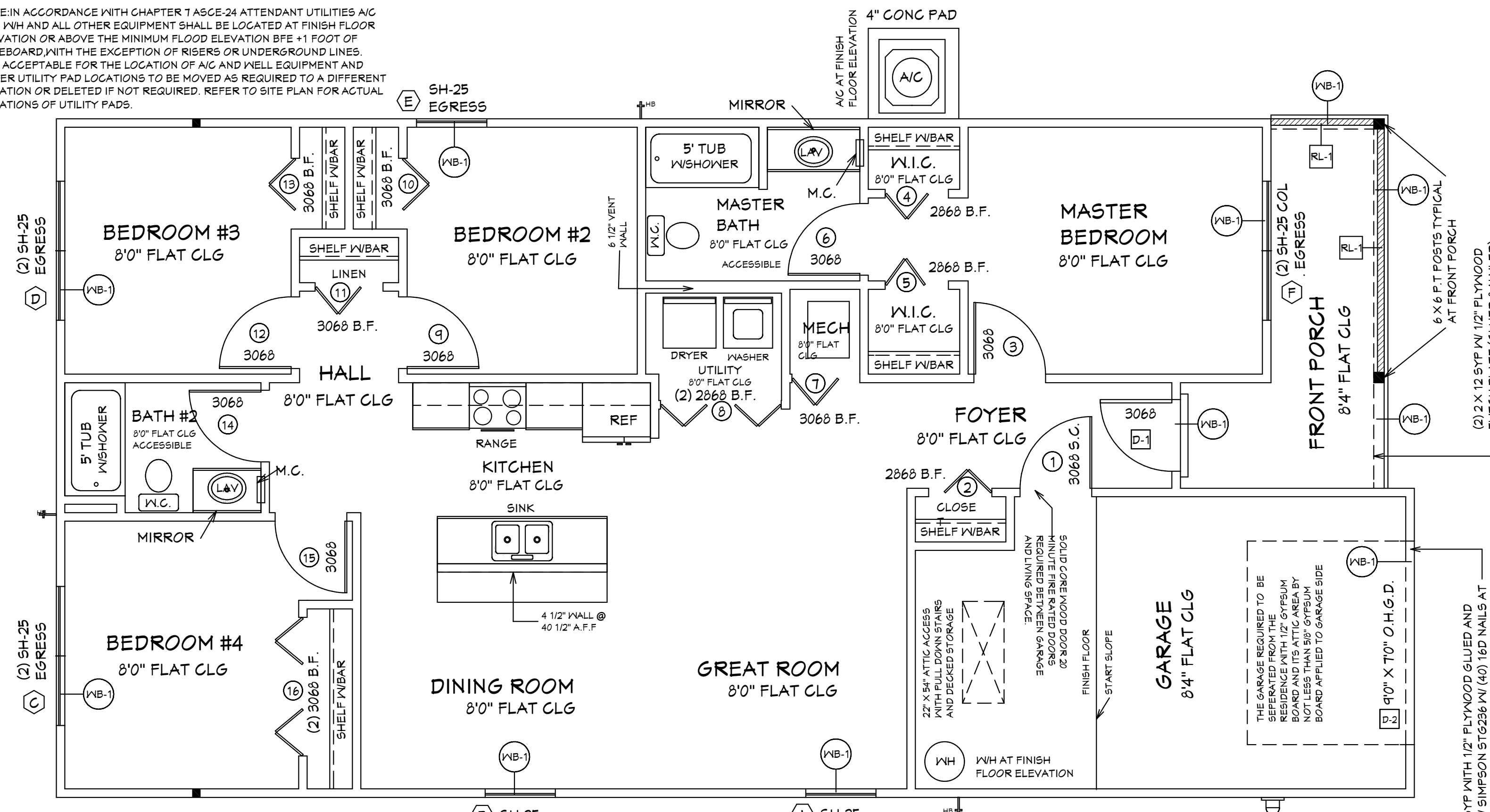


AREA SCHEDULE	
LIVING A/C	1392 SQ. FT.
GARAGE	286 SQ. FT.
FRONT PORCH	100 SQ. FT.
<b>TOTAL</b>	<b>1778 SQ. FT.</b>

INTERIOR DOOR SCHEDULE						
ID	QTY.	ROOM	SIZE	MANUF.	DESIGNATION	NOTES
1	1	GARAGE	3068 S.C.			SOLID CORE
2	1	FOYER	2868 B.F.			
3	1	MASTER BED	3068			
4	1	MASTER WIC	2868 B.F.			
5	1	MASTER WIC	2868 B.F.			
6	1	MASTER BATH	3068			
7	1	MECH	3068 B.F.			
8	1	UTILITY ROOM	(2) 2868 B.F.			
9	1	BEDROOM#2	3068			
10	1	BEDROOM#2	3068 B.F.			
11	1	HALL	3068 B.F.			
12	1	BEDROOM#3	3068			
13	1	BEDROOM#3	3068 B.F.			
14	1	BATH #2	3068			
15	1	BEDROOM #4	3068			
16	1	BEDROOM #4	(2) 3068 B.F.			

PRODUCT SCHEDULE		160 MPH (ULTIMATE DESIGN) = 124 (NOMINAL DESIGN) ENCLOSED STRUCTURE										
ROOM NAME	MARK	CALL SIZE	R.O. DOOR SIZE	R.O. WINDOW SIZE	DETAIL	ZONE	DESIGN PRESS (PSF)	WINDOW / DOOR PRODUCT APPROVAL DESIGNATION / ENTITY	INSTALLATION NOTES (LIST BELOW)	WIND-BORNE DEBRIS REGION	TYPE GLAZING / COVERING	IMPACT COVERING PRODUCT APPROVAL DESIGNATION / ENTITY (WHERE APPLICABLE)
DOOR SCHEDULE												
FOYER	D-1	3068	38" X 81 3/8"	PER MFR.	5	28-40/34-50	REFER TO PRODUCT APPROVAL SHEETS			Y	N/A	IMPACT APPROVED WITHOUT GLAZING OR COVERING
GARAGE	D-2	9'0" X 7'0" 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
WINDOW SCHEDULE												
GREAT ROOM	A	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
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
BEDROOM #4	C	(2) SH-25	75 3/4" X 62 3/4"	PER MFR.	4	28-40/28-74	REFER TO PRODUCT APPROVAL SHEETS			Y	COVERING	HURRICANE PANELS REFER TO PRODUCT APPROVAL SHEETS
BEDROOM #3	D	(2) SH-25	75 3/4" X 62 3/4"	PER MFR.	4	28-40/28-74	REFER TO PRODUCT APPROVAL SHEETS			Y	COVERING	HURRICANE PANELS REFER TO PRODUCT APPROVAL SHEETS
BEDROOM #2	E	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
MASTER BEDROOM	F	(2) SH-25 COL.	75 3/4" X 62 3/4"	PER MFR.	5	28-40/34-50	REFER TO PRODUCT APPROVAL SHEETS			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									
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			*LEGEND:			*SIZE DESIGNATIONS						
2. TEMPERED WINDOW			Dx = DOOR DESIGNATION			Wx = WIDTH			H = HEIGHT			
3. O.H. GARAGE DOOR			Sk = SKYLITE DESIGNATION			Wx = WINDOW DESIGNATION						
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.												

NOTE: IN ACCORDANCE WITH CHAPTER 1 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.



NOTE: ALL EXTERIOR WALLS ARE 3 1/2" WIDE WOOD WALLS WITH 15/32" PLYWOOD EXTERIOR AND 1/2" DRYWALL INSIDE (4 1/2" TOTAL.) UNLESS NOTED DIFFERENT.  
NOTE: ALL INTERIOR WALLS ARE 4 1/2" AND 6 1/2" WIDE WOOD WALLS. UNLESS NOTED DIFFERENT.  
CONTRACTOR IS RESPONSIBLE FOR VERIFYING ROUGH OPENINGS AND SIZES OF ALL DOORS AND WINDOWS BEFORE STARTING CONSTRUCTION.

(NB-1) = (2) 2 X 12 SYP WITH 1/2" PLYWOOD FLITCH PLATES GLUED AND NAILED  
(NB-2) = (2) 1 3/4" X 11 7/8" LVL BEAMS  
NOTE: ATTACH 6x6 PT. POST BOTTOM TO CONCRETE WITH ABU-66 OR ALTERNATE ABN-66 AND AT TOP TO BEARING BEAMS WITH CC COLUMN CAP OR ALTERNATE ST6224 STRAP 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.

NOTED FLOOR PLAN

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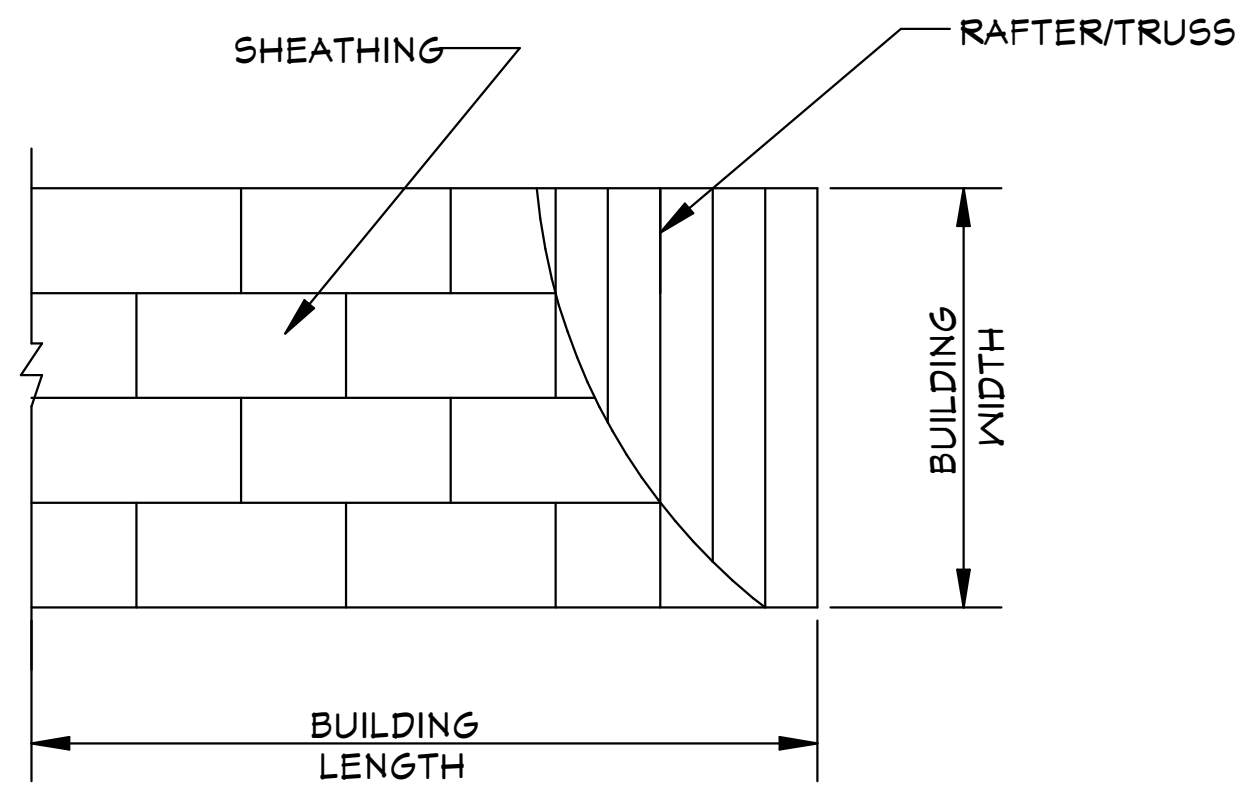
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BUILDER: HABITAT FOR HUMANITY  
4 BEDROOM 2 BATH HOME / 160 MPH WIND LOADING  
NEW RESIDENCE FOR: / UNIT- / RANGE-  
LOT- / BLOCK- / TOWNSHIP- / ADDRESS:  
ADDRESS:

DRAWN BY:  
DAVID HICKS  
DATE: 03-12-2021  
SCALE: 1/4" = 1'0"  
JOB# 2024-028  
SHEET  
4 OF 6 SHEET

03-17-2024 REVISION  
PALMERA 2-A HIP MODEL / LEFT HAND GARAGE MONO FOOTER / 2023 CODE / 1'0" 1/2" GANT



**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.

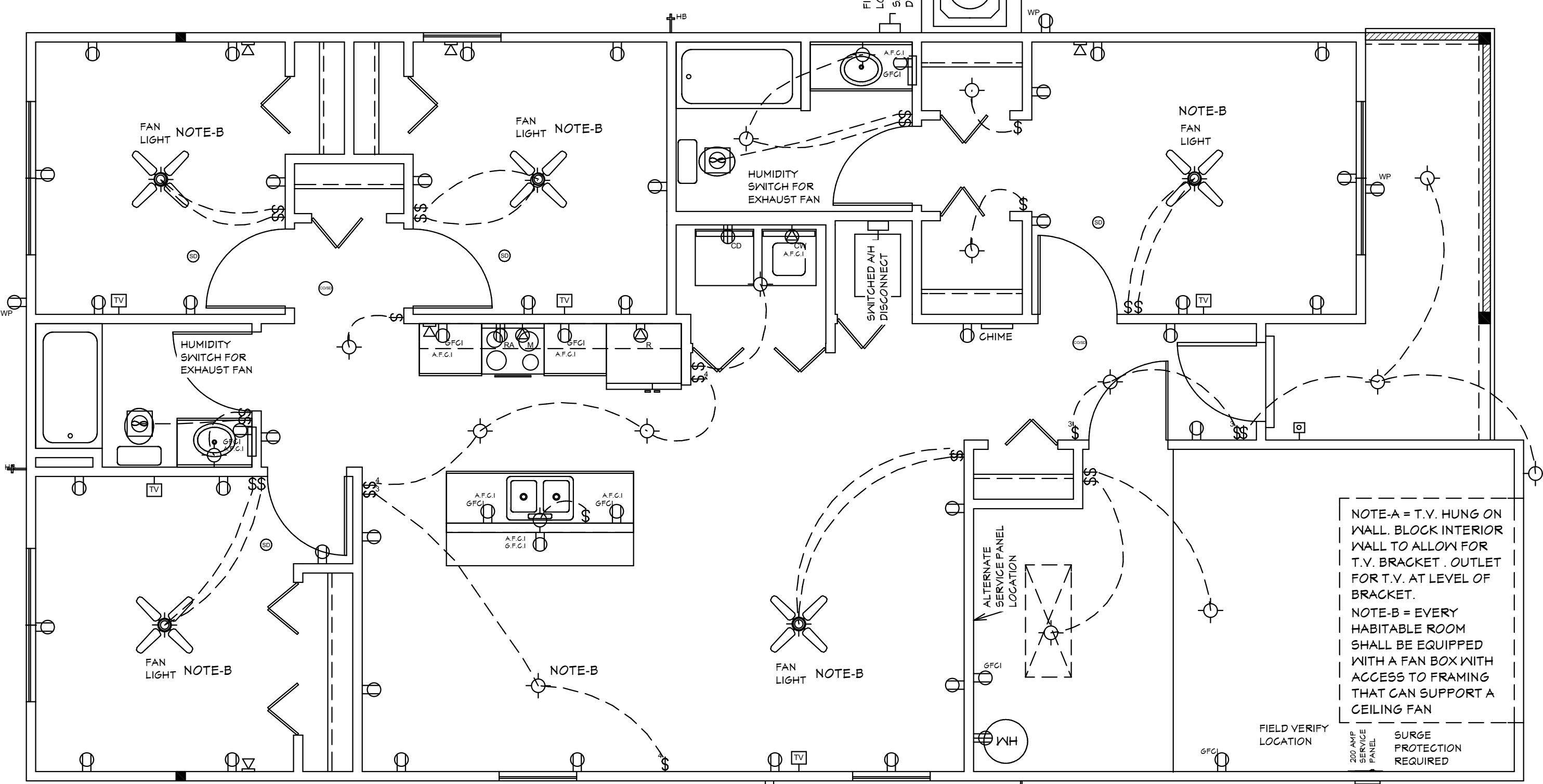
LIGHTS IN CLOSETS TO COMPLY WITH SECT. 410-8 NEC.

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

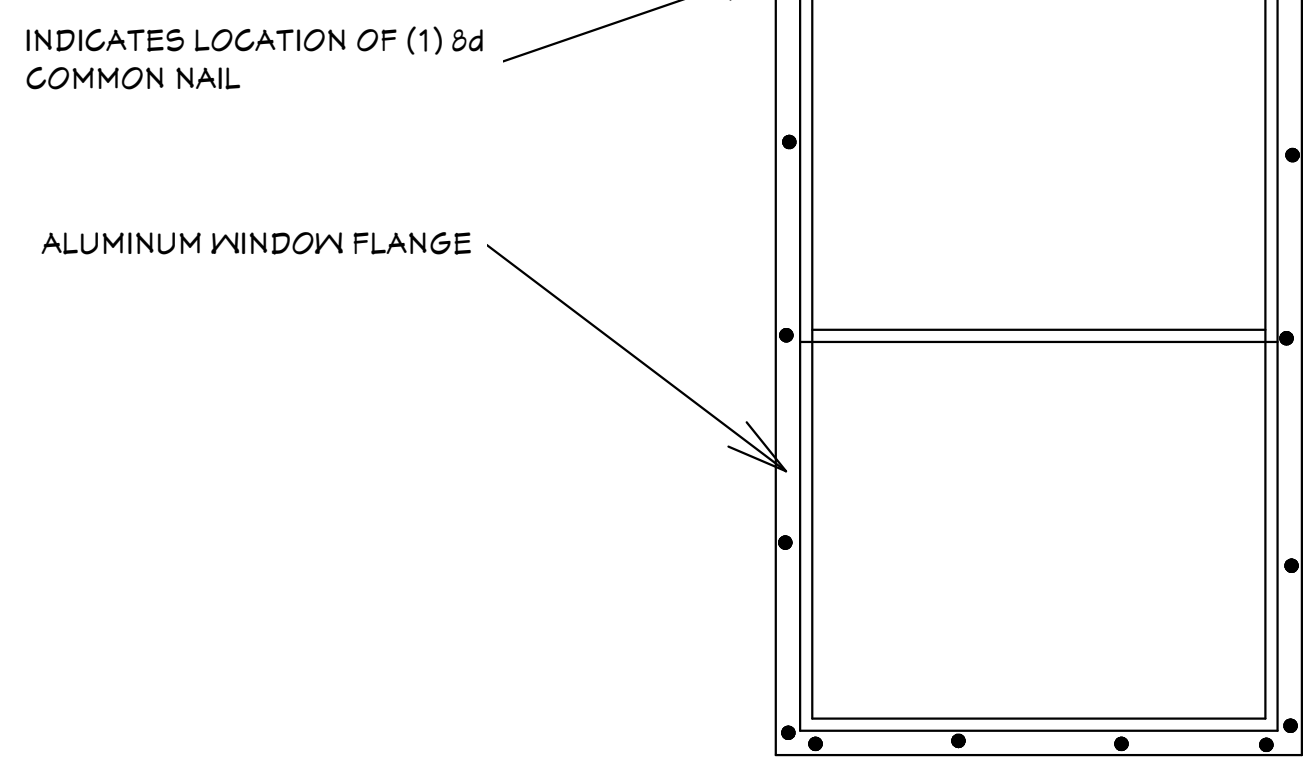
**SECTION R306 ROOF VENTILATION**  
**R306.1** Ventilation required.  
 Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain or snow. Ventilation openings shall have a least dimension of 1/16 inch (1.6 mm) minimum and 1/4 inch (6.4 mm) maximum. Ventilation 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 1/300 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.  
**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 rafter 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 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 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, 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 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 68°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 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.  
 1178 SQ FT TOTAL ATTIC AREA TO BE VENTILATED  
 1178 SQ FT DIVIDED BY 300 SQ FT = 3.92 SQ FT TOTAL VENTILATION REQUIRED.  
 CONVERT TO SQ IN: 3.92 SQ FT X 144 = 562.56 SQ IN  
 562.56 SQ IN DIVIDED BY 60% = 937.60 SQ IN AT SOFFITS AND 40% 345.12 SQ IN AT RIDGE VENTS OR OFF RIDGE VENTS SEPARATE OR COMBINED.  
 (COBRA RIDGE VENT 3 FLR-6261 RT1) PROVIDES 18 SQ IN PER LINEAL FT OF NET FREE VENTILATING AREA.  
 (TAMCO 4" ROUND OFF RIDGE VENT FLR-1618-K3) PROVIDES 135 SQ IN PER OFF RIDGE VENT.  
 345.12 SQ IN DIVIDED BY 18 SQ IN PER FT OF COBRA RIDGE VENT 3 = 19.17 NET FREE LINEAL FT REQUIRED (22" RIDGE VENT)  
 TOTAL OF VENTED SOFFIT REQUIRED = 511.48 SQ IN.  
 752.40 SQ IN TOTAL SUPPLIED THAT MEETS THE REQUIREMENTS FOR SOFFIT VENTILATIONS. FL-16503-2 VINYL SOFFIT 12" TRIPLE 4 FULL O VENT ECO (NO. 0634) 4.18 SQ IN PER SQ FT



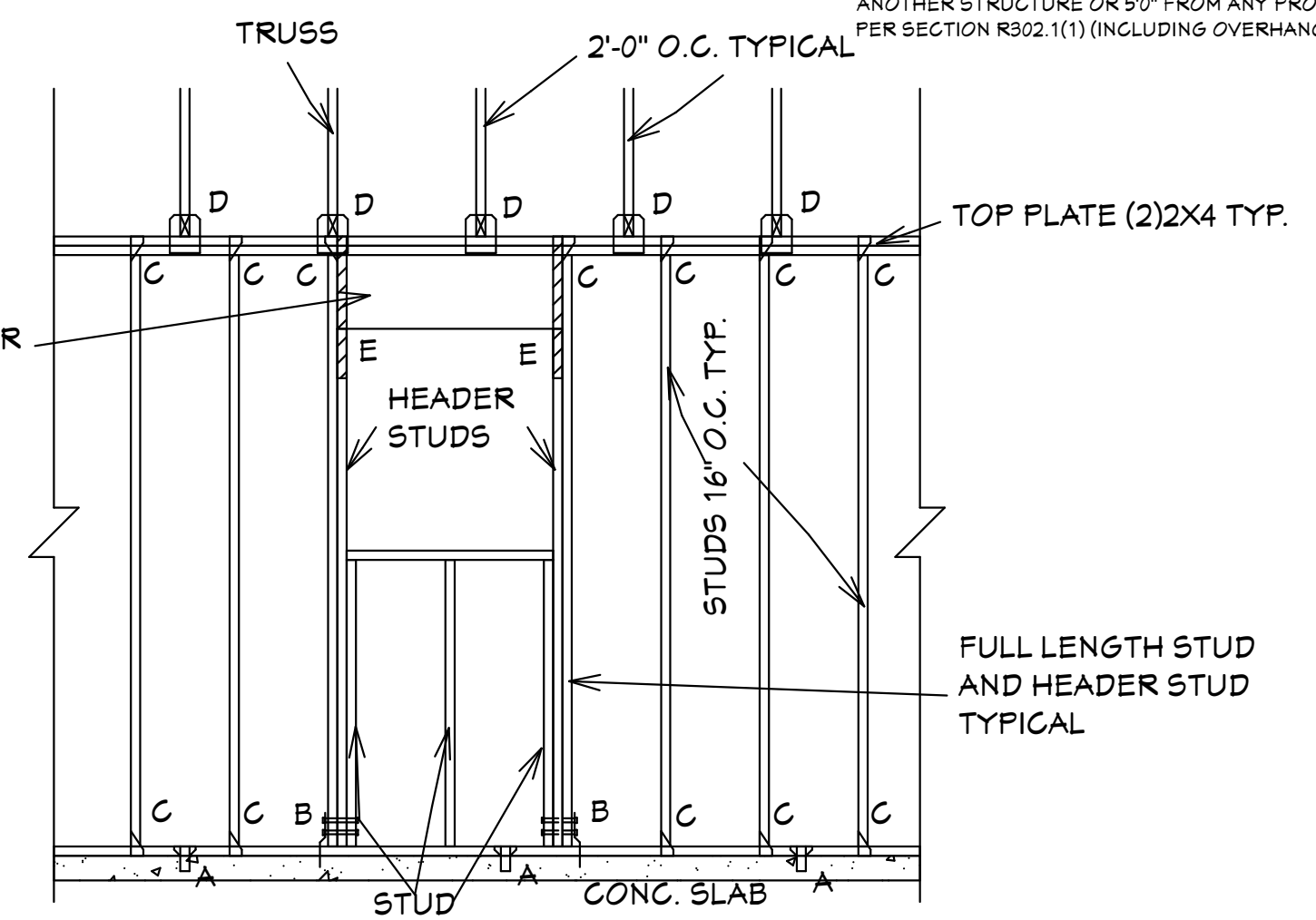
**ELECTRICAL PLAN**

SYMBOL	DESCRIPTION
	Audio Video: Control Panel, Switch
	DENOTES WALL OUTLET TAMPER RESISTENT
	DENOTES GFCI WALL OUTLET
	DENOTES WATER PROOF WALL OUTLET
	DENOTES 220 VOLT 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 FLOOD LIGHTS
	DENOTES RECESS FIXTURE
	DENOTES FLOOR 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

NOTE-A = T.V. HUNG ON WALL. BLOCK INTERIOR WALL TO ALLOW FOR T.V. BRACKET. OUTLET FOR T.V. AT LEVEL OF BRACKET.  
 NOTE-B = EVERY HABITABLE ROOM SHALL BE EQUIPPED WITH A FAN BOX WITH ACCESS TO FRAMING THAT CAN SUPPORT A CEILING FAN

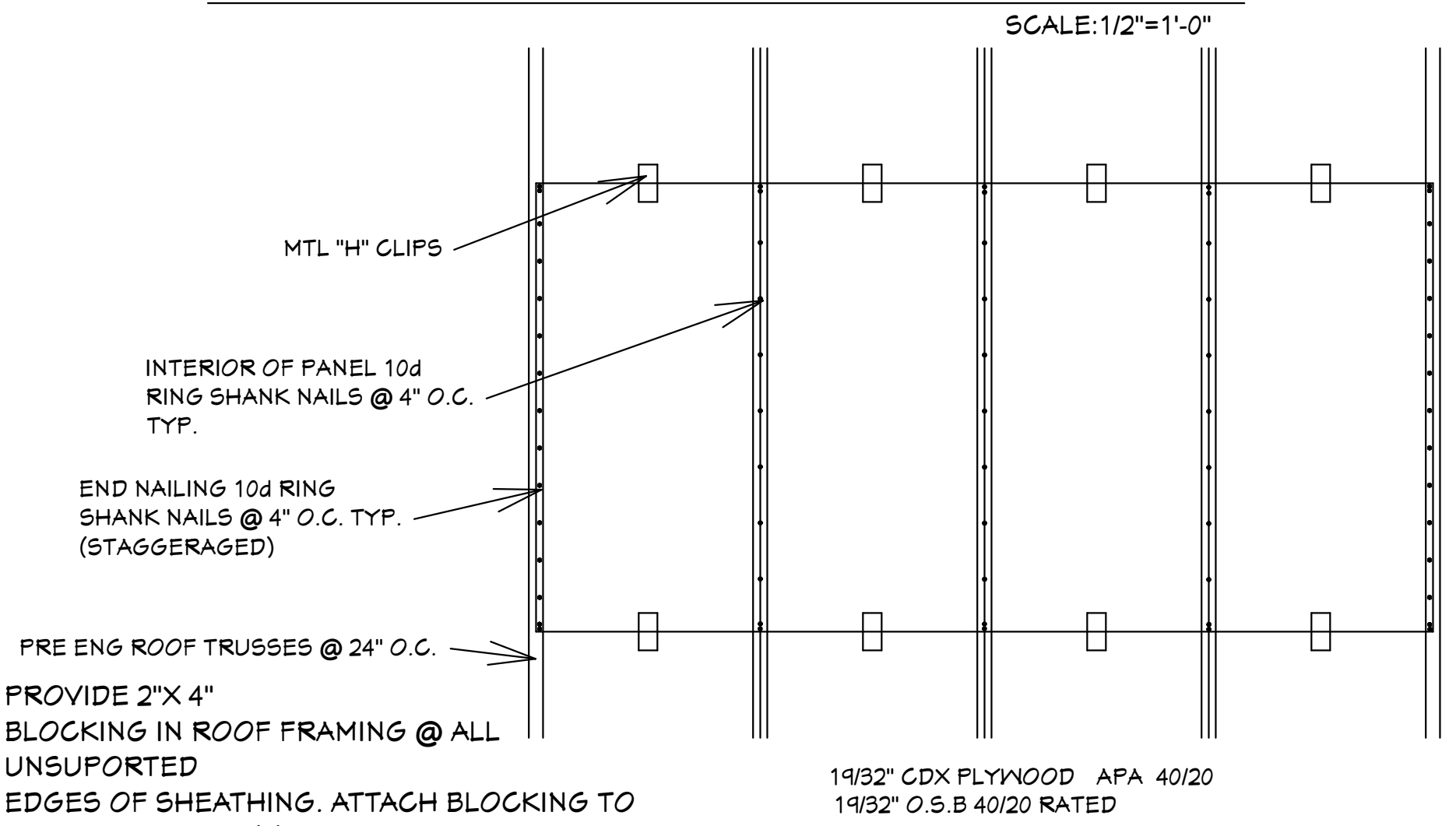


**TYPICAL WINDOW INSTALLATION DETAIL**



- "A" SIMPSON MAS CONNECTOR WITH (6) 10d X 1 1/2" NAILS @ 2'-0" O.C. (PLATE TO SLAB) OR 1/2" J-BOLT (T\* 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**

SCALE: 3/4"=1'-0"

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 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 PLAN 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.  
 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.

**Quattrone & Associates, Inc.**  
 Engineers, Planners, & Development Consultants  
 4301 Venetian Shoreline Blvd., Fort Myers, FL 33916 (239) 936-6222 QAClient  
 Certificate of Registration Number: 9465  
 AL. QUATTORONE P.E. # 52141

**REVISIONS:**  
 02-23-2022  
 03-17-2024

**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:  
 LOT: / BLOCK- / UNIT- / RANGE-  
 SECTION: / TOWNSHIP- / ADDRESS:  
 ADDRESS:

**DRAWN BY:**  
 DAVID HICKS  
**DATE:** 03-12-2021  
**SCALE:** 1/4"=1'-0"  
**JOB#** 2024-028  
**SHEET** 5 OF 6

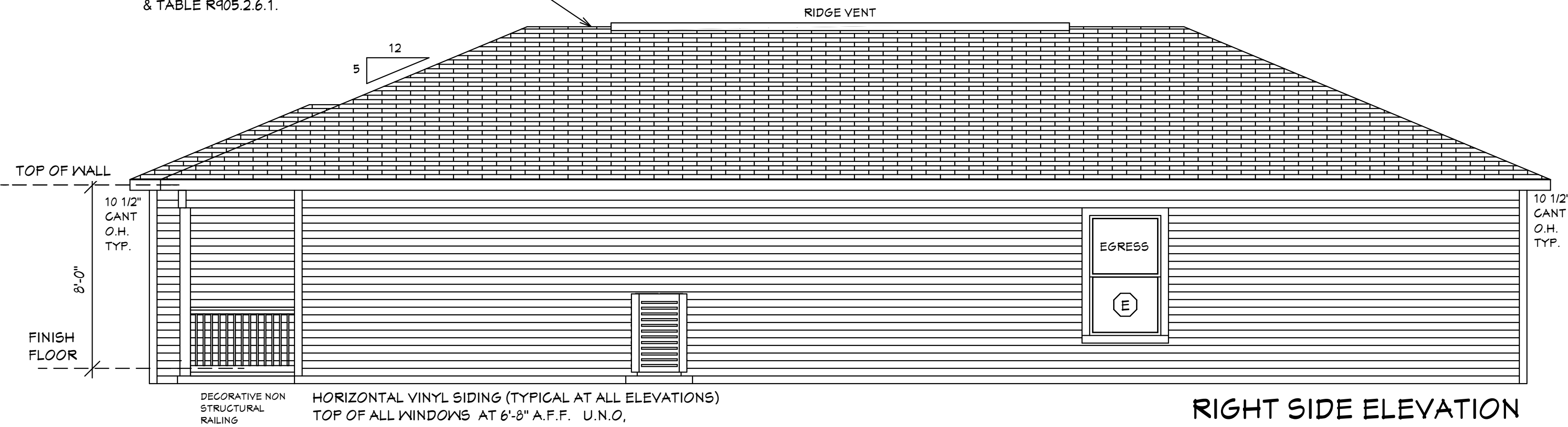
**03-17-2024 REVISION**





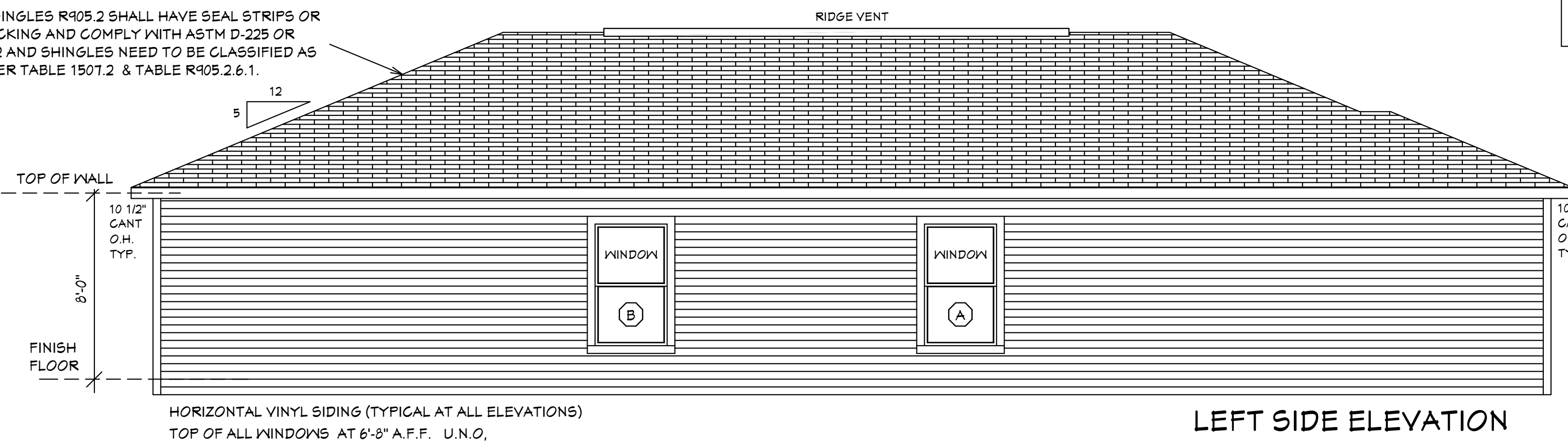


ASPHALT SHINGLES R905.2 SHALL HAVE SEAL STRIPS OR BE INTERLOCKING AND COMPLY WITH ASTM D-225 OR ASTM D-3462 AND SHINGLES NEED TO BE CLASSIFIED AS (H) OR (F) PER TABLE 1507.2 & TABLE R905.2.6.1.



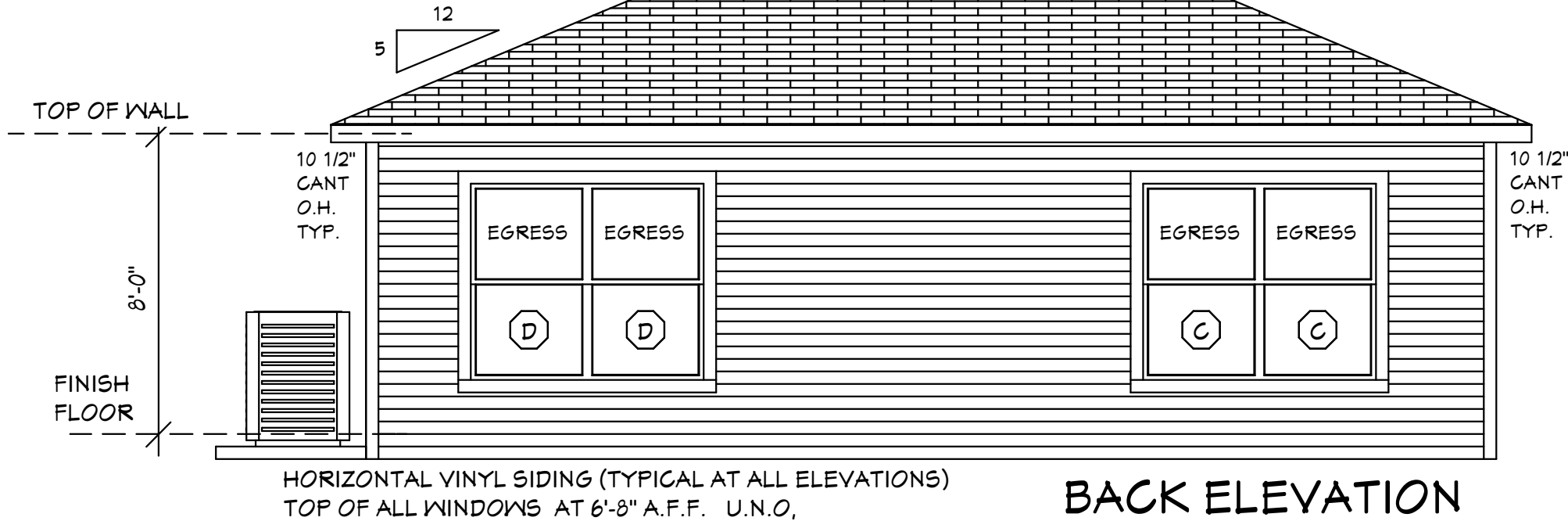
RIGHT SIDE ELEVATION

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.



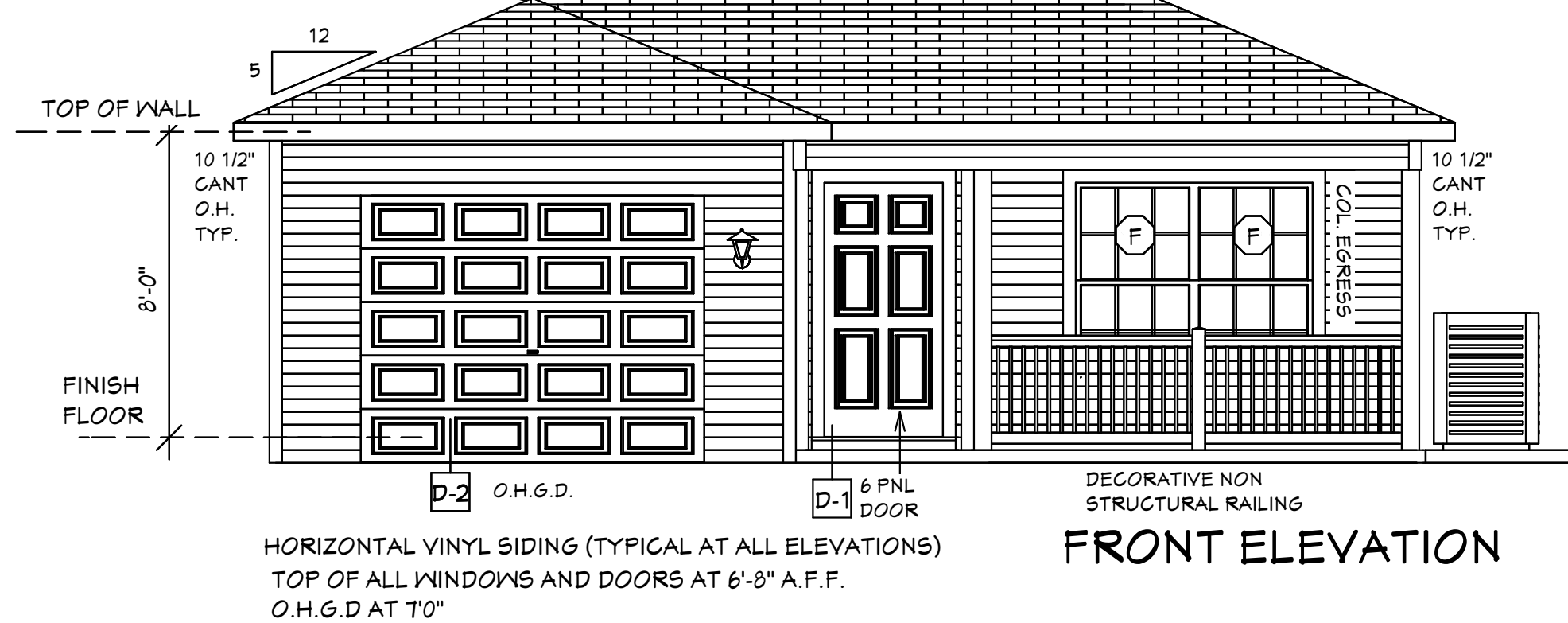
LEFT SIDE ELEVATION

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.



BACK ELEVATION

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

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)  
 160 MPH (ULTIMATE DESIGN) = 124 MPH (NOMINAL DESIGN)  
 150 MPH (ULTIMATE DESIGN) = 116 MPH (NOMINAL DESIGN)
- IMPORTANCE FACTOR COMPONENTS AND CLADDING:  
 0.17 (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 IN/HR.  
 ROOF AREA IN SF.

- BUILDING CONSTRUCTION TYPE:  
 TYPE I  
 TYPE II  
 TYPE III  
 TYPE IV

- EXPOSURE CATEGORY:  
 A  
 B  
 C  
 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

- 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, 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.
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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 HVAC 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 I 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)

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 R103.3

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

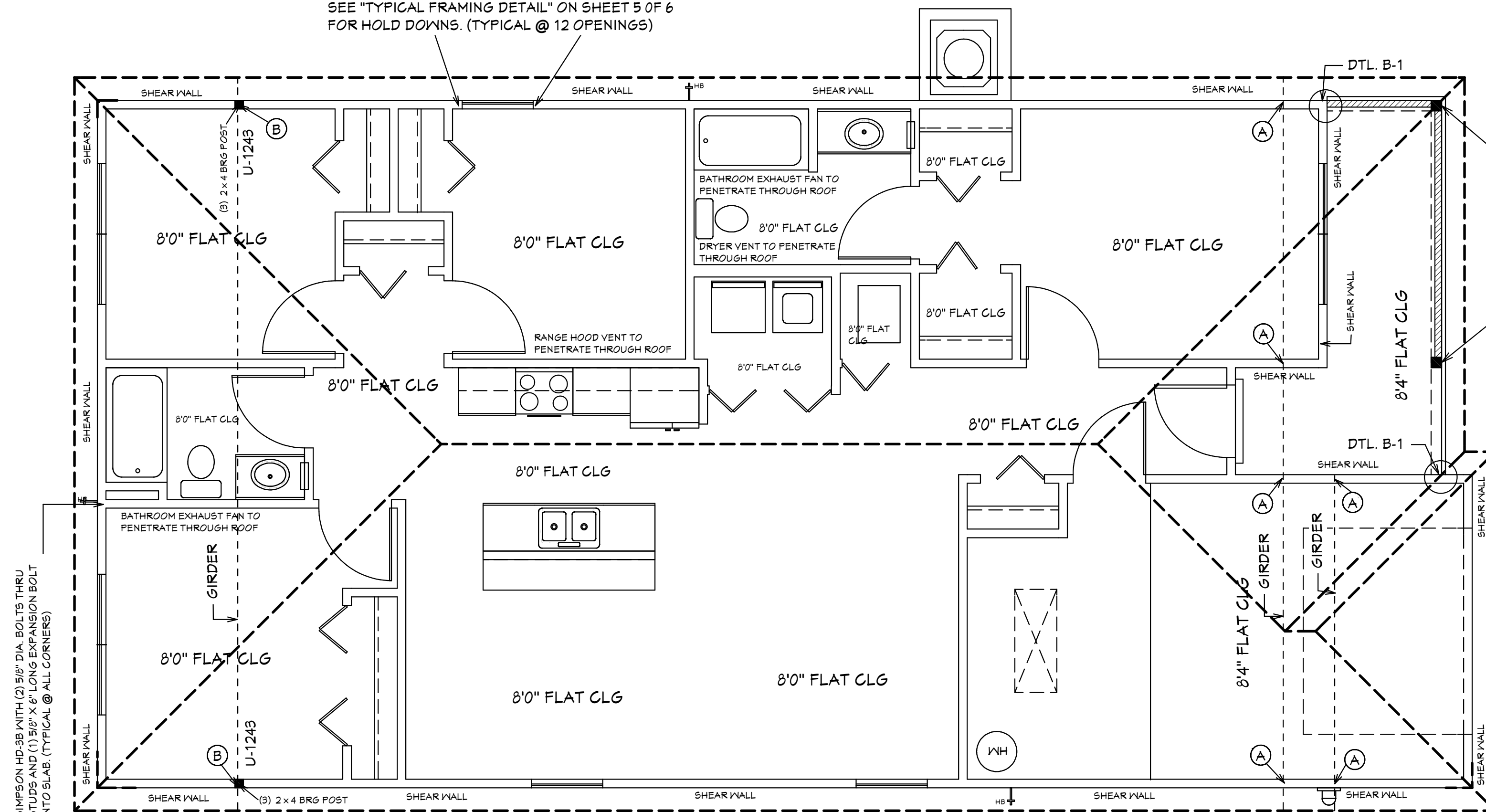
WINDOWS MUST HAVE COMPLIANT SHGC VALUES. REFER TO EXTERIOR OPENING CHART AND ATTACHED ENERGY CALCULATIONS AND WINDOW AND DOOR SPEC SHEETS FROM MANUFACTURERS.

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 BEEN REVIEWED FROM 100 FT TO 200 FT USE OF TEMPERED WATER SUPPLY

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

SEE "TYPICAL FRAMING DETAIL" ON SHEET 5 OF 6 FOR HOLD DOWNS (TYPICAL @ 12 OPENINGS)



- 5/12 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  
 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)

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

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

ROOF PLANE PLAN

**Quattrone & Associates, Inc.**  
 Engineers, Planners, & Development Consultants  
 4301 Veterans Shoreside Blvd., Fort Myers, FL 33916 (239) 936-6222  
 AL. QUATTORONE P.E. # 92141

REVISIONS:

02-23-2022
03-17-2024

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

DRAWN BY:  
 DAVID HICKS  
 DATE: 03-12-2021  
 SCALE: 1/4" = 1'0"  
 JOB# 2024-028  
 SHEET  
 1A OF 6 SHEET

MASTER PLAN  
 I AL QUATTORONE APPROVE OF REPETITIVE USE OF PLANS FOR PERMITTING  
 PALMERA 2-A HIP MODEL / LEFT HAND GARAGE / MONO FOOTER / 2023 CODE / 10 1/2" CANT  
 03-17-2024 REVISION

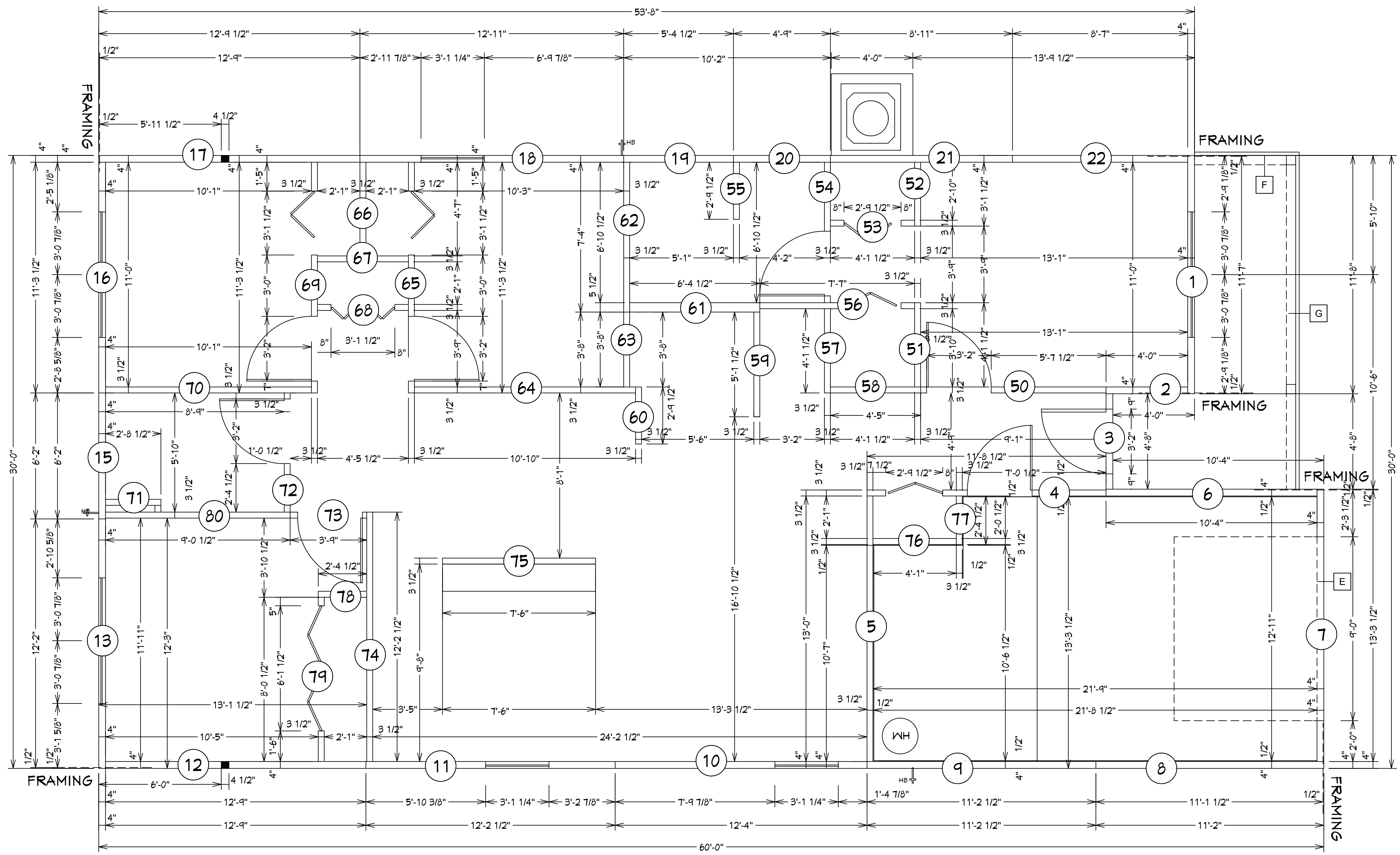
PALMERA 2A WALL SCHEDULE			
WALL#	LENGTH	EXTERIOR OR INTERIOR	NOTES
1	11'-7"	EXTERIOR	2 X 4 SYP #2 WALL
2	4'-0"	EXTERIOR	2 X 4 SYP #2 WALL
3	4'-8"	EXTERIOR	2 X 4 SYP #2 WALL
4	11'-8-1/2"	EXTERIOR	2 X 4 SYP #2 WALL
5	13'-0"	EXTERIOR	2 X 4 SYP #2 WALL
6	10'-4"	EXTERIOR	2 X 4 SYP #2 WALL
7	13'-3-1/2"	EXTERIOR	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			
25			
26			
27			
28			
29			
30	9'-1"	INTERIOR	2 X 4 SYP WALL
31	4'-1-1/2"	INTERIOR	2 X 4 SYP WALL
32	3'-1-1/2"	INTERIOR	2 X 4 SYP WALL
33	4'-1-1/2"	INTERIOR	2 X 4 SYP WALL
34	6'-10-1/2"	INTERIOR	2 X 4 SYP WALL
35	2'-9-1/2"	INTERIOR	2 X 4 SYP WALL
36	7'-7"	INTERIOR	2 X 4 SYP WALL
37	4'-1-1/2"	INTERIOR	2 X 4 SYP WALL
38	4'-5"	INTERIOR	2 X 4 SYP WALL
39	5'-1-1/2"	INTERIOR	2 X 4 SYP WALL
40	2'-9-1/2"	INTERIOR	2 X 4 SYP WALL
41	6'-4-1/2"	INTERIOR	2 X 6 SYP #2 PLUMBING
42	7'-4"	INTERIOR	2 X 4 SYP #2 PLUMBING (WAS 2 X 6)
43	3'-8"	INTERIOR	2 X 4 SYP WALL
44	10'-10"	INTERIOR	2 X 4 SYP WALL
45	11'-3-1/2"	INTERIOR	2 X 4 SYP WALL
46	4'-7"	INTERIOR	2 X 4 SYP WALL
47	4'-5-1/2"	INTERIOR	2 X 4 SYP WALL
48	4'-5-1/2"	INTERIOR	2 X 4 SYP WALL
49	11'-3-1/2"	INTERIOR	2 X 4 SYP WALL
50	10'-1"	INTERIOR	2 X 4 SYP WALL
51	2'-8-1/2"	INTERIOR	2 X 4 SYP WALL
52	5'-10"	INTERIOR	2 X 4 SYP WALL
53	3'-9"	INTERIOR	2 X 4 SYP WALL
54	12'-2-1/2"	INTERIOR	2 X 4 SYP #2 PLUMBING (WAS 2 X 6)
55	7'-6"	INTERIOR	2 X 4 SYP #2 WALL
56	4'-1"	INTERIOR	2 X 4 SYP #2 WALL
57	2'-4-1/2"	INTERIOR	2 X 4 SYP #2 WALL
58	2'-4-1/2"	INTERIOR	2 X 4 SYP #2 WALL
59	8'-0-1/2"	INTERIOR	2 X 4 SYP #2 WALL
60	9'-0-1/2"	INTERIOR	2 X 4 SYP #2 PLUMBING (WAS 2 X 6)
61	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
62	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
63	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
64	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
65	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
66	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
67	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
68	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
69	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
70	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
71	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
72	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
73	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
74	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
75	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
76	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
77	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
78	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
79	12'-2"	INTERIOR	2 X 4 SYP #2 WALL
80	12'-2"	INTERIOR	2 X 4 SYP #2 PLUMBING (WAS 2 X 6)

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 W 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)
F	5'-4"	(2) 2 X 12 SYP W 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)
G	16'-8"	(2) 2 X 12 SYP W 1/2" PLYWOOD FLITCH PLATES (GLUED & NAILED)
H		(2) 2 X 12 SYP W 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 73 1/2" X 80"  
 5H-25 SINGLE HUNG WINDOW 37 1/4" X 62 3/4"  
 (2) 5H-25 SINGLE HUNG WINDOW 73 3/4" X 62 3/4"



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.

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 Certificate of Accreditation Number: 9465  
 AL QUATTRONE P.E. # 52141

COMPLIANCE STATEMENT  
 THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND THE DESIGN PARAMETERS FOR THE (6TH EDITION) OF THE 2023 FLORIDA RESIDENTIAL BUILDING CODE CHAPTER 5 IN GENERAL AND SECTION 1604 OF THE (6TH EDITION) OF THE 2023 FLORIDA BUILDING CODE.

REVISIONS:

02-23-2022
03-17-2024

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PALMERA 2-A HIP MODEL / LEFT HAND GARAGE MONO FOOTER / 2023 CODE / 10 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: / ADDRESS:  
 STRAP#

03-17-2024 REVISION

DRAWN BY:  
 DAVID HICKS

DATE: 03-12-2021

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

JOB# 2024-028

SHEET  
 SH-1 OF SH-1 SHEET