

MASONRY WALLS:

CONCRETE MASONRY UNITS (CMU) SHALL BE HOLLOW UNIT MASONRY IN ACCORDANCE WITH ASTM C-90 AND SHALL HAVE A MINIMUM FM OF 1,500 P.S.I.

MORTAR SHALL CONFORM TO ASTM C-270 AND SHALL BE EITHER TYPE M OR S.

REINFORCING STEEL SHALL BE GRADE 40 MINIMUM AND IDENTIFIED IN ACCORDANCE WITH ASTM A-615. LAP SPLICES, WHERE REQUIRED, SHALL BE A MINIMUM OF 25"

FOR #5 REBAR, 30" FOR #6 REBAR & 35" FOR #1 REBAR.

GROUT FOR THE POURED CELLS AND LINTELS SHALL HAVE A MINIMUM COURSE AS AGGREGATE SIZE OF 3/8", PLACED AT AN 8 TO 11 INCH SLUMP AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,500 P.S.I. (WHEN TESTED PER ASTM C-1019).

PROVIDE CLEAN-OUT OPENINGS (12 SQ. IN) IN CELLS CONTAINING SPLICED REINFORCEMENT, WHEN THE GROUT POUR EXCEEDS 5 FEET IN HEIGHT.

DOORS & WINDOWS

EVERY BEDROOM SHALL BE PROVIDED WITH AN EGRESS WINDOW WITH FINISH SILL HEIGHT NOT GREATER THAN 44" ABOVE THE FINISH FLOOR HEIGHT AND SHALL HAVE A MINIMUM OPERABLE AREA OF 5.7 SQ. FT. EGRESS WINDOWS SHALL NOT HAVE AN OPERABLE AREA LESS THAN 20" WIDE OR 24" HIGH.

NOTE:

EGRESS WINDOWS LOCATED 12" OR MORE ABOVE FINISH GRADE SHALL HAVE A FINISH SILL HEIGHT OF 24" MIN. ABOVE THE FINISH FLOOR OF THE ROOM IN WHICH IT IS LOCATED.

INTERIOR DOORS SHALL BE PAINTED. ENTRY DOOR TO BE DEFINED BY HOME OWNER PRIOR ORDERING

R302.5 DWELLING-GARAGE OPENING AND PENETRATION PROTECTION
OPENINGS AND PENETRATIONS THROUGH THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE IN ACCORDANCE WITH SECTIONS R302.5.1 THROUGH R302.5.3.

R302.5.1 OPENINGS PROTECTION

OPENINGS FROM A PRIVATE GARAGE DIRECTLY INTO A ROOM USED FOR SLEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 1 3/8 INCHES (35 MM) IN THICKNESS, SOLID OR HONEYCOMB-CORE STEEL DOORS NOT LESS THAN 1 3/8 INCHES (35 MM) THICK, OR 20-MINUTE FIRE-RATED DOORS.

R302.5.2 DUCT PENETRATION

DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE CONSTRUCTED OF A MINIMUM NO. 26 GAGE (0.48 MM) SHEET STEEL, 1 INCH (25.4 MM) MINIMUM RIGID NONMETALLIC GLASS OR GLASS-1 DUCT BOARD, OR OTHER APPROVED MATERIAL AND SHALL NOT HAVE OPENINGS INTO THE GARAGE.

R302.5.3 OTHER PENETRATIONS

PENETRATIONS THROUGH THE SEPARATION REQUIRED IN SECTION R302.6 SHALL BE PROTECTED AS REQUIRED BY SECTION R302.11, ITEM 4.

R302.6 DWELLING GARAGE FIRE SEPARATION

THE GARAGE SHALL BE SEPARATED AS REQUIRED BY TABLE R302.6. OPENINGS IN GARAGE WALLS SHALL COMPLY WITH SECTION R302.5. ATTACHMENT OF GYPSUM BOARD SHALL COMPLY WITH TABLE R302.3.5. THE WALL SEPARATION PROVISIONS OF TABLE R302.6 SHALL NOT APPLY TO GARAGE WALLS THAT ARE PERPENDICULAR TO THE ADJACENT DWELLING UNIT WALL.

SEPARATION	MATERIAL
FROM THE RESIDENCE AND ATTICS	NOT LESS THAN 1/2-INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE GARAGE SIDE
FROM HABITABLE ROOMS ABOVE THE GARAGE	NOT LESS THAN 5/8-INCH TYPE X GYPSUM BOARD OR EQUIVALENT
STRUCTURE(S) SUPPORTING FLOOR/CEILING ASSEMBLIES USED FOR SEPARATION REQUIRED BY THIS SECTION	NOT LESS THAN 1/2-INCH GYPSUM BOARD OR EQUIVALENT
GARAGES LOCATED LESS THAN 3 FEET FROM A DWELLING UNIT ON THE SAME LOT	NOT LESS THAN 1/2-INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE INTERIOR SIDE OF EXTERIOR WALLS THAT ARE WITHIN THIS AREA

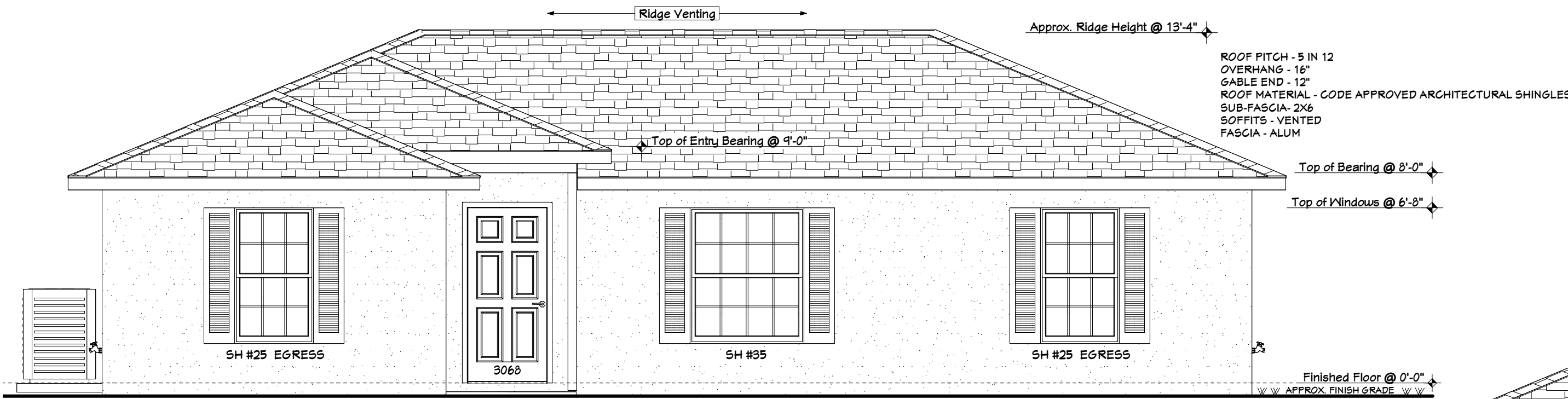
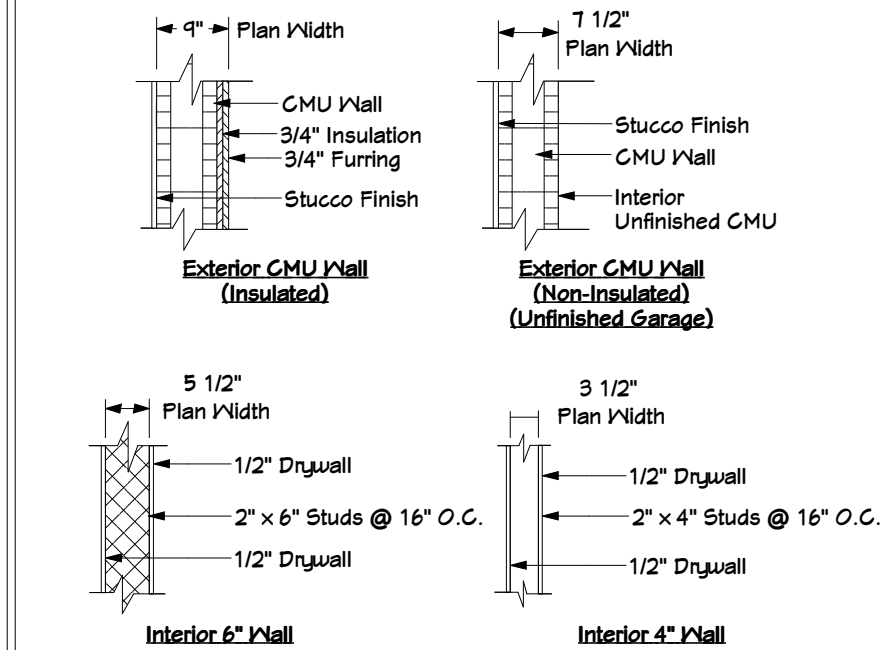
AT LEAST ONE EXTERIOR EXIT DOOR WILL BE 36" MIN. NET CLEAR DOORWAY SHALL BE 32" MIN. DOOR SHALL BE OPERABLE FROM INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. GLAZING IN DOORS SHALL BE DUAL PANE SAFETY GLASS WITH MIN. U-VALUE OF 0.60

SAFETY GLAZING:

THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSES OF GLAZING:

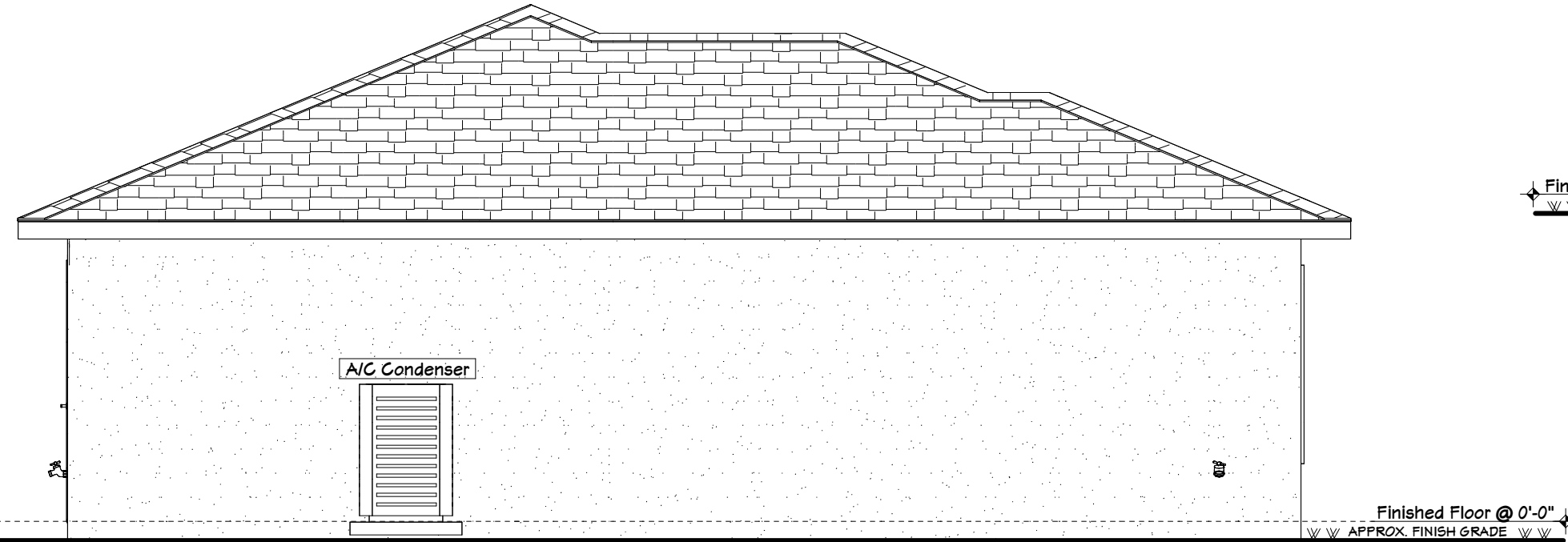
- GLAZING IN SWINGING DOORS, FIXED AND SLIDING PANELS OF SLIDING DOOR ASSEMBLIES.
- GLAZING IN DOORS AND ENCLOSURES FOR HOT TUB, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS AND SHOWERS. GLAZING IN ANY PORTION OF A BUILDING WALL ENCLOSING THESE COMPARTMENTS WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE DRAIN INLET.
- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24 INCH RADIUS OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FINISHED FLOOR OR WALKING SURFACE.
- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL, OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS (2) AND (3) ABOVE, THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
 - EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQ. FT.
 - BOTTOM EDGE LESS THAN 18 INCHES ABOVE THE FLOOR.
 - TOP EDGE GREATER THAN 36 INCHES ABOVE THE FLOOR.
 - ONE OR MORE WALKING SURFACES WITHIN 36 INCHES HORIZONTALLY OF THE PLANE OF THE GLAZING.

WALL LEGEND



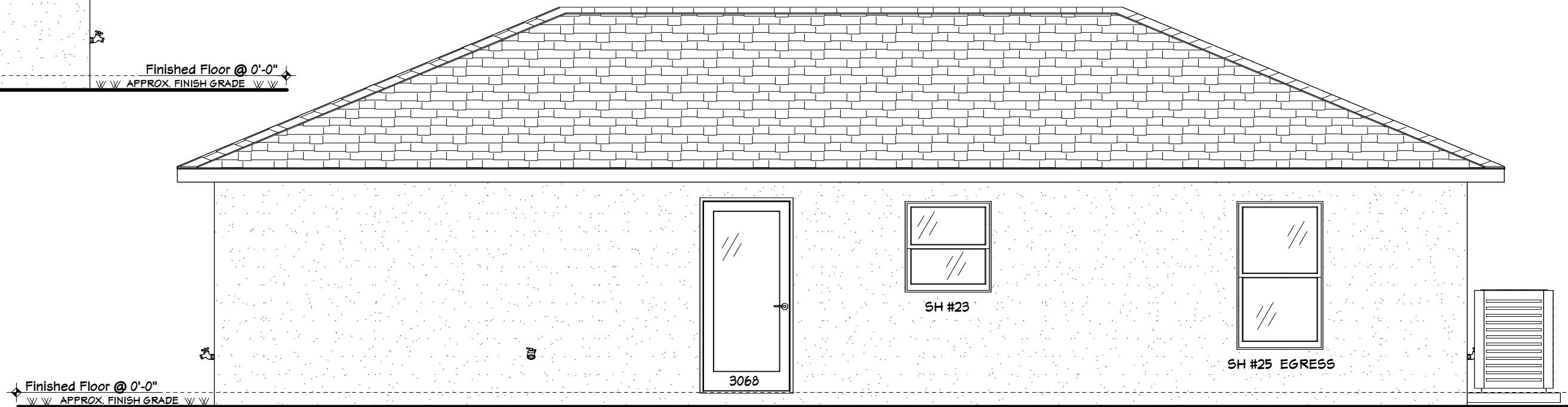
FRONT ELEVATION

SCALE: 1/4" = 1'



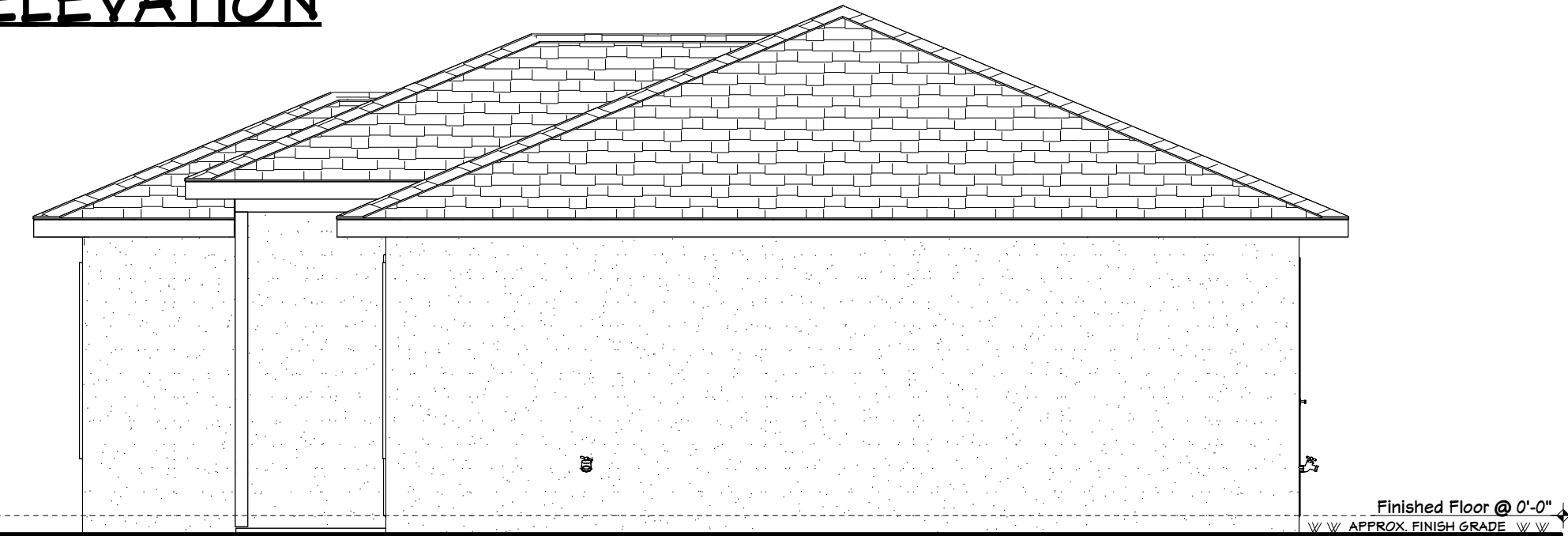
LEFT ELEVATION

SCALE: 1/4" = 1'



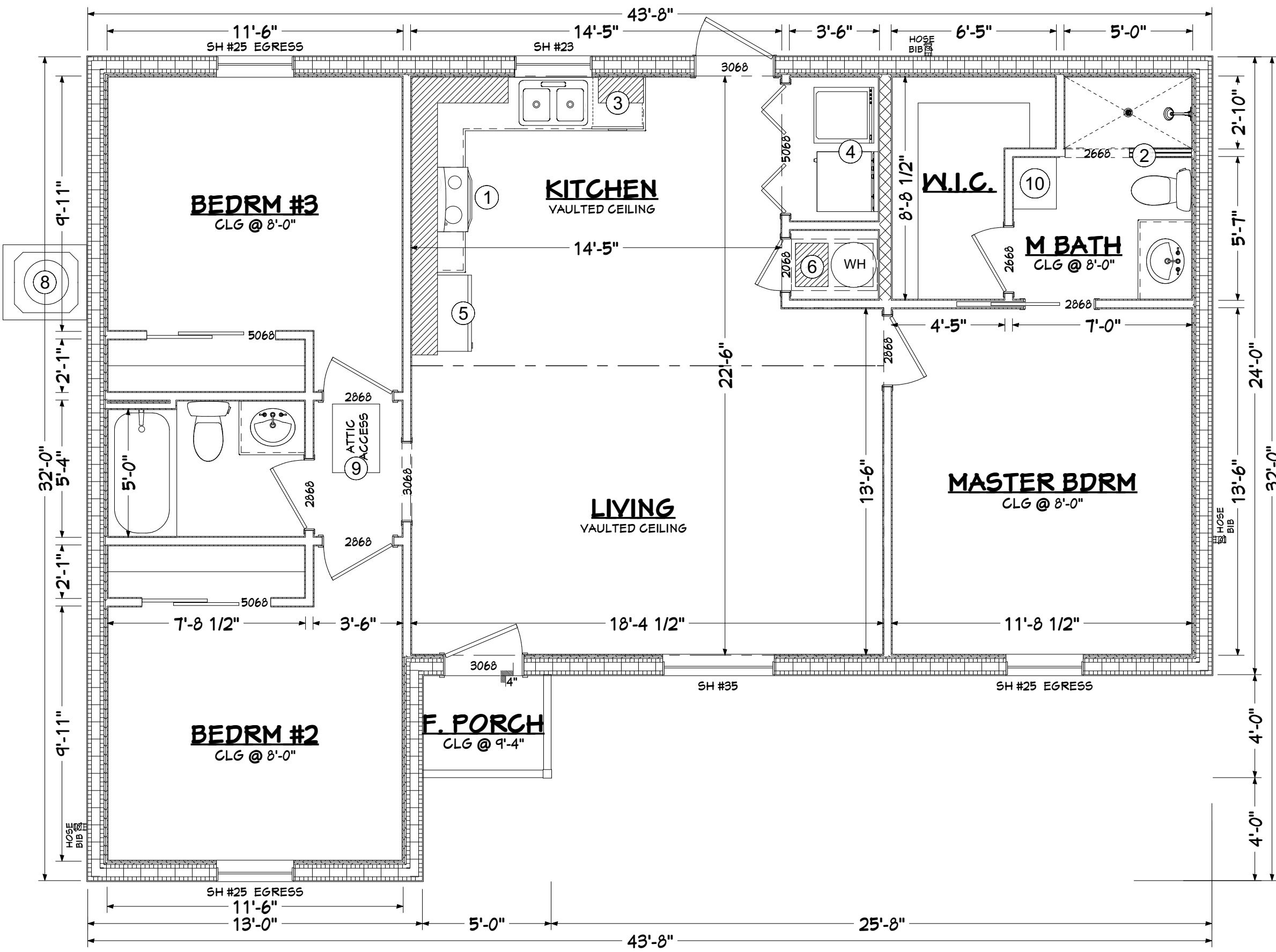
REAR ELEVATION

SCALE: 1/4" = 1'



RIGHT ELEVATION

SCALE: 1/4" = 1'



FLOOR PLAN

SCALE: 1/4" = 1'

NOTE SCHEDULE	
①	30" ELECTRIC RANGE W/ MICROWAVE ABOVE
②	42" HIGH KNEE WALL W/ TEMPERED GLASS ABOVE
③	DISHWASHER
④	WASHER & DRYER
⑤	REFRIGERATOR
⑥	AIR HANDLER MOUNTED IN ATTIC
⑧	CONDENSING UNIT
⑨	22" X 33" ATTIC ACCESS
⑩	20" DEEP LINEN CABINET

COMMODITY FLANGE			
Awning, Single Hung, Horizontal Roller, Picture Window, Casement			
WINDOW SIZES			
CODE	Window size	Masonry	Frame Opening
*J1	19 1/8x17	19 7/8x17	19 1/4x17 1/8
12	19 1/8x26	19 7/8x26	18 5/8x25 1/2
13	19 1/8x38 3/8	19 7/8x38 3/8	18 5/8x37 7/8
14	19 1/8x50 5/8	19 7/8x50 5/8	18 5/8x50 1/8
15	19 1/8x63	19 7/8x63	18 5/8x62 1/2
16	19 1/8x76	19 7/8x76	18 5/8x75 1/2
*H31	26 1/2x17	27 1/4x17	26 5/8x17 1/8
H32	26 1/2x26	27 1/4x26	26x25 1/2
H33	26 1/2x38 3/8	27 1/4x38 3/8	26x37 7/8
H34	26 1/2x50 5/8	27 1/4x50 5/8	26x50 1/8
H35	26 1/2x63	27 1/4x63	26x62 1/2
H36	26 1/2x76	27 1/4x76	26x75 1/2
*21	37x17	37 3/4x17	37 1/8x17 1/8
22	37x26	37 3/4x26	36 1/2x25 1/2
23	37x38 3/8	37 3/4x38 3/8	36 1/2x37 7/8
24	37x50 5/8	37 3/4x50 5/8	36 1/2x50 1/8
25	37x63	37 3/4x63	36 1/2x62 1/2
26	37x76	37 3/4x76	36 1/2x75 1/2
*31	53 1/8x17	53 7/8x17	53 1/4x17 1/8
32	53 1/8x26	53 7/8x26	52 5/8x25 1/2
33	53 1/8x38 3/8	53 7/8x38 3/8	52 5/8x37 7/8
34	53 1/8x50 5/8	53 7/8x50 5/8	52 5/8x50 1/8
35	53 1/8x63	53 7/8x63	52 5/8x62 1/2
36	53 1/8x76	53 7/8x76	52 5/8x75 1/2

WINDOW SIZES			
CODE	Window size	Masonry	Frame Opening
D22	74x26	74 3/4x26	73 1/2x25 1/2
D23	74x38 3/8	74 3/4x38 3/8	73 1/2x37 3/4
D24	74x50 5/8	74 3/4x50 5/8	73 1/2x50 1/8
D25	74x63	74 3/4x63	73 1/2x62 1/2
D32	106 3/8x26	107 1/8x26	105 7/8x25 1/2
D33	106 3/8x38 3/8	107 1/8x38 3/8	105 7/8x37 3/4
D34	106 3/8x50 5/8	107 1/8x50 5/8	105 7/8x50 1/8
D35	106 3/8x63	107 1/8x63	105 7/8x62 1/2
T22	111x26	111 3/4x26	110 1/2x25 1/2
T23	111x38 3/8	111 3/4x38 3/8	110 1/2x37 3/4
T24	111x50 5/8	111 3/4x50 5/8	110 1/2x50 1/8
T25	111x63	111 3/4x63	110 1/2x62 1/2

Note: Sizes above available only with mullied windows or horizontal rollers.

*Sizes available in awning windows only, calculated with drywall tucked.

All other framing dimensions are calculated with drywall butted. (See figure A)

SEAL:

ENGINEER OF RECORD:

WILLIAM F. STUBBS, PH.D., P.E.
12215 Rebecca Run Dr.
Winter Garden, FL 34107
407-150-9311
State of Florida PE #22150

PROJECT:
DOR REAL ESTATE

Square Footage
1,152 Living
20 F. Porch
1,172 Total

CONTRACTOR:

BUILDING DESIGNS
MARSHALL & MARINE
6406 US Hwy 27 S.
Sebring, FL 33876
(863) 471-1525
www.needsplans.com

Structural Plans only prepared by or under the strict supervision of Professional Structural Engineer. Structural Engineer is not responsible for any dimensional errors, drafting discrepancies, or any non-structural information.

To the best of Designer's knowledge these plans are drawn to comply with owner's and/or builder's specifications. Any changes made on them after prints are made will be done at the owner's and/or builder's expense and responsibility. The contractor shall verify all dimensions on drawings. Designer or Structural Engineer are not liable for errors once construction has begun.

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START DATE:

06/25/2020 TA

REVISIONS:

06/30/2020 TA

FINAL DATE:

PROJECT #: 20-236

SHEET:

A1.00

ELECTRICAL MATERIALS AND INSTALLATION SHALL COMPLY WITH APPLICABLE PREVISIONS OF THE 2014 NATIONAL ELECTRICAL CODE (NFPA 70), LOCAL CODES, AND THE LOCAL POWER COMPANY.

IN ACCORDANCE WITH THE 2017 FLORIDA BUILDING CODE, ALL OF THE SMOKE DETECTORS MUST BE ELECTRICALLY CONNECTED SUCH THAT WHEN ONE SMOKE DETECTOR IS ACTIVATED ALL OF THE DETECTORS MUST BE ACTIVATED. SMOKE DETECTORS SHALL BE IN ALL SLEEPING AREAS AND WITHIN 1'-0" TO 3'-0" OF CEILING PEAK, AND SHALL BE 3'-0" MIN. FROM ANY AIR SUPPLY OR RETURN AIR STREAM, AND EQUIPPED WITH A BATTERY BACKUP. FURTHER THE 2017 FLORIDA BUILDING CODE SECTION R315 ONLY REQUIRES A CARBON MONOXIDE DETECTOR WITHIN TEN FEET OF EACH ROOM USED FOR SLEEPING PURPOSES, THIS REQUIREMENT IS APPLICABLE ONLY IN DWELLING UNITS THAT HAVE EITHER AN ATTACHED GARAGE OR A FOSSIL-FUEL BURNING HEATER OR APPLIANCE.

IN ACCORDANCE WITH CHAPTER 471.003(2)(I) OF THE FLORIDA ADMINISTRATIVE CODE; ELECTRICAL SYSTEM SHALL BE DESIGNED BY THE RESPECTIVE CONTRACTORS TO MEET ALL APPLICABLE CODES. THE ELECTRICAL SYSTEM DRAWN HEREON IS BASED UPON A DESIGN PROVIDED BY THE OWNER TO ADDRESS HIS/HER REQUIREMENTS.

ALL 125V 15AMP OR 20AMP RECEPTACLE OUTLETS IN BATHROOMS, LAUNDRY ROOMS, OUTLETS SERVING KITCHEN COUNTERTOP SURFACES, IN GARAGES WITHIN SIX FEET OF ANY SINK, DISHWASHER AND AT EXTERIOR LOCATIONS SHALL BE PROTECTED BY A GROUND-FAULT CIRCUIT INTERRUPTER.

ALL 125V AND 250V 15 OR 20AMP RECEPTACLE OUTLETS INSTALLED IN WET LOCATIONS SHALL HAVE AN ENCLOSURE THAT IS WEATHERPROOF WHETHER OR NOT AN ATTACHMENT PLUG IS INSERTED.

ELECTRICAL CIRCUITS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER IN ACCORDANCE WITH ARTICLE 210.12.

ALL ELECTRICAL FIXTURES, LOCATIONS AND SWITCHES TO BE FIELD VERIFIED w/ OWNER & CONTRACTOR PRIOR TO INSTALLATION

ALL NON-GFI OUTLETS TO BE ON ARC FAULT INTERRUPTERS

GFC OUTLETS ARE REQUIRED AT ALL EXTERIOR LOCATIONS

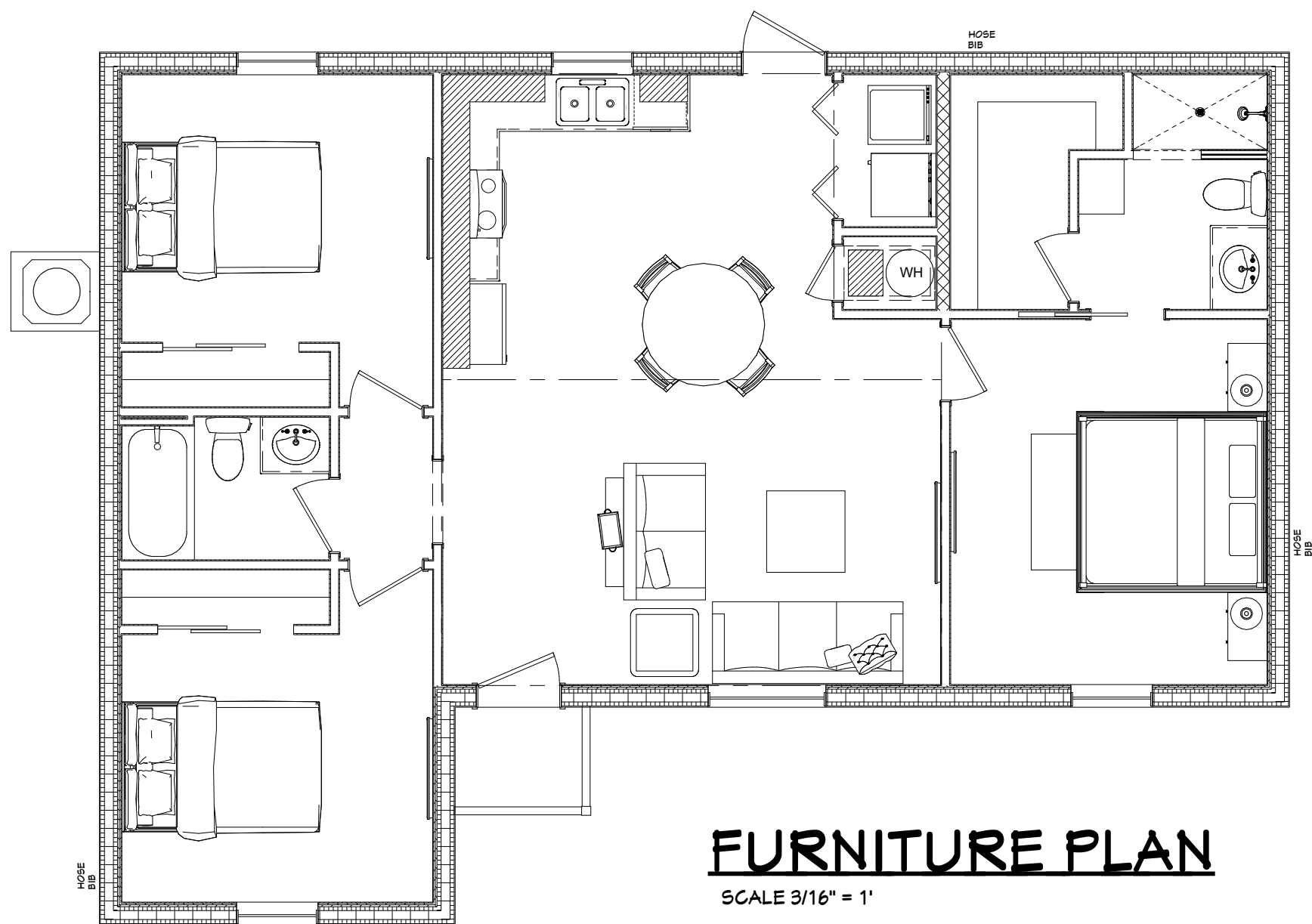
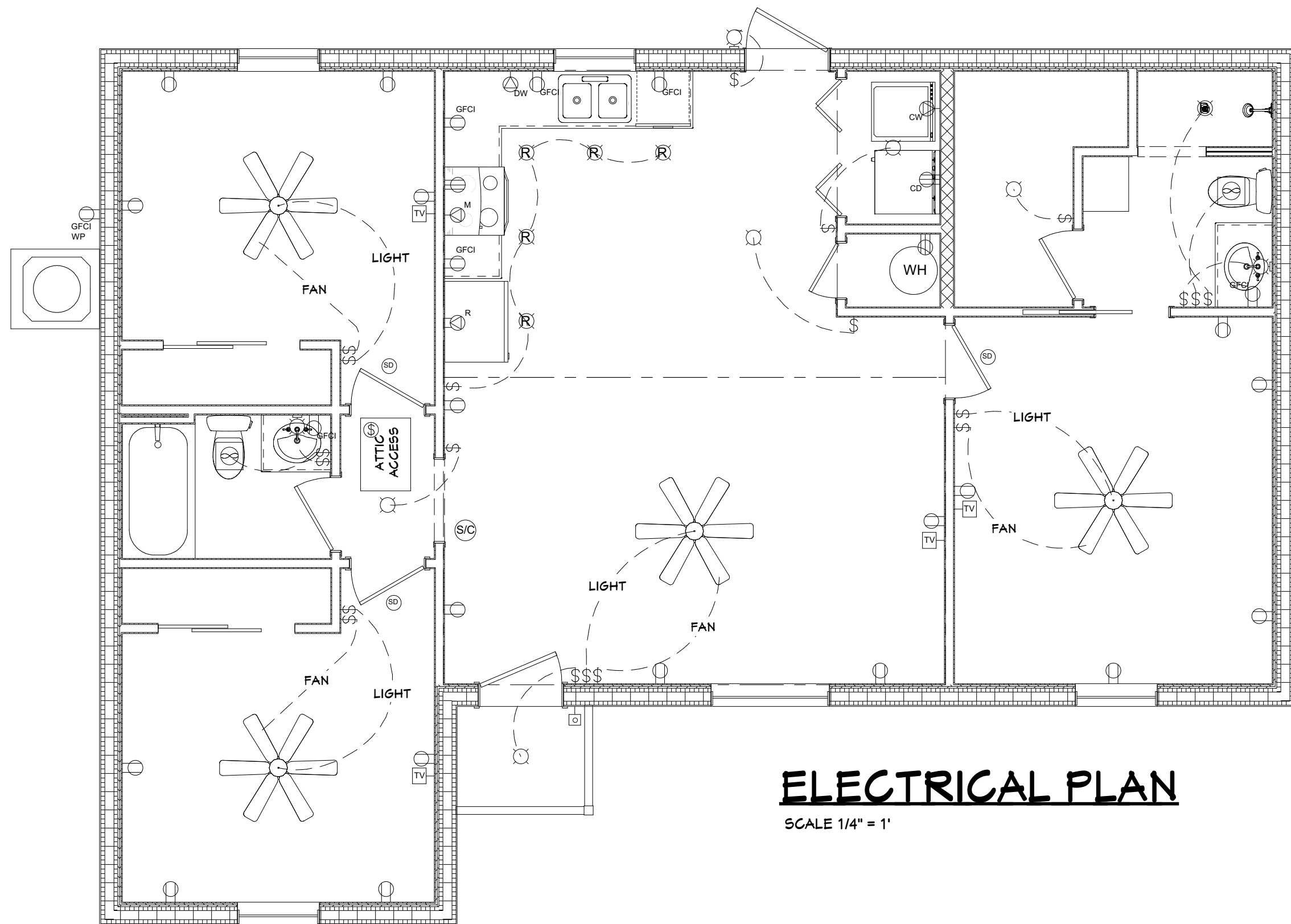
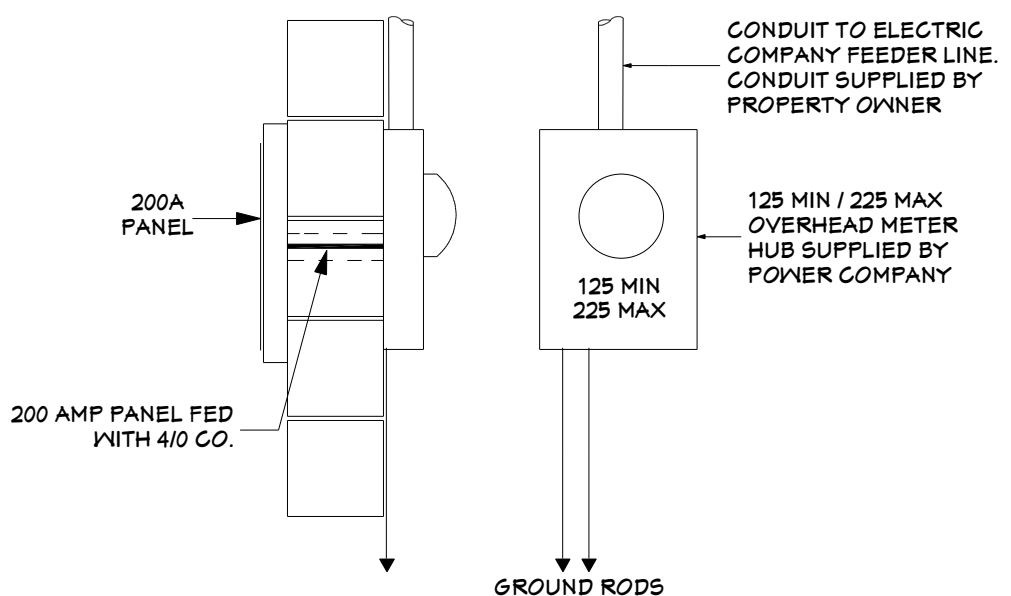
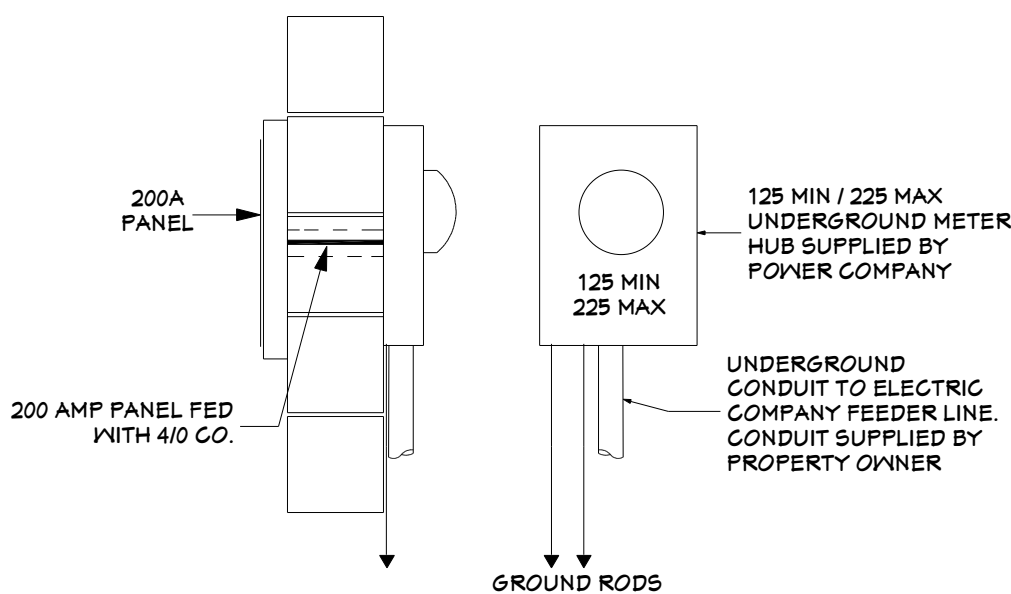
ALL ELECTRICAL MUST MEET 2017 F.B.C.

LOCATION OF FIXTURES AND/OR OUTLETS ARE SUGGESTED AND MAY BE ADJUSTED BY OWNER/BUILDER BUT MUST MEET ALL LOCAL AND STATE REQUIREMENTS.

ELECTRIC SERVICE AND PANEL BOX TO BE LOCATED ON JOB SITE UNLESS OTHERWISE SPECIFIED

PRELIMINARY ELECTRIC WORK MAY BE REQUIRED AT SLAB STAGE

THIS PLAN IS INTENDED TO SHOW A BASIC ELECTRICAL LAYOUT. BUILDING DESIGNS BY MARSHALL & MARINE, INC. WILL BEAR NO RESPONSIBILITY FOR ITS ACCURACY. IT IS THE LICENCE ELECTRICAL CONTRACTORS RESPONSIBILITY TO VERIFY THE REQUIREMENTS AND THE LOCATIONS OF ALL ELECTRICAL EQUIPMENT. FURTHERMORE, PROVIDE AND INSTALL COMPLETE ELECTRICAL SERVICE AS REQUIRED. IT IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO SUBMIT ELECTRICAL PLAN AND FULL NECESSARY PERMITS AS REQUIRED BY LOCAL BUILDING DEPARTMENTS.



ELECTRICAL LEGEND

	Duplex Receptacle		Single Pole Switch
	220 Volt Nial Outlet		Three-Way Switch
	Ground Fault Receptacle		Four-way Switch
	Ground Fault/ Waterproof Receptacle		Dimmer Switch
			Door Bell Chime
	Clothes Dryer		Wall Mounted Light Fixture
	Duplex Receptacle		Porch Lantern
	Clothes Washer	Fluorescent	
	GFCI Duplex Receptacle		
	Refrigerator		Ceiling Mounted Light Fixture
	Duplex Receptacle		Soffit Mounted Recessed Can Light Fixture
	Dishwasher		Attic Light w/ Switch
	GFCI Duplex Receptacle		Recessed Can Light Fixture
	Hood w/ Vent Receptacle		Garbage Disposal
	Door Bell		Smoke Detector
	Phone Outlet		Smoke & Carbon Monoxide Detector
	TV Outlet		Exhaust Fan
	Garage Door Opener Receptacle		Yard Post Light On Photo Cell
	Soffit Mounted Receptacle		
	Floor Mounted Receptacle		
	Ceiling Fan w/ Light		

SEAL:

PE #22150
Wednesday, July 01, 2020

ENGINEER OF RECORD:

WILLIAM F. STUHRKE, PHD, P.E.
12215 Rebecca's Run Dr.
Winter Garden, FL 34787
407-920-3119
State of Florida PE #22150

PROJECT:
DOOR REAR
ESTATE

Square Footage
1,152 Living
20 F. Porch
1,172 Total

CONTRACTOR:



DING DESIGNS
B
HALL & MARINE
6406 US Hwy 27 S.
Sebring, FL 33876
(863) 471-1525

www.needplans.com

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06/30/2020 TA

FINAL DATE:

PROJECT #: 20-236

SHEET:

A3.00/E1.00

TRUSSES

IF THE CONTRACTOR, TRUSS MANUFACTURER OR ANY OTHER DESIGN PROFESSIONALS REVISE THE TRUSS SYSTEM LAYOUT FROM THOSE SHOWN ON THESE PLANS DESIGNER AND/OR STRUCTURAL ENGINEER IS REQUIRED TO REVIEW ALL FINAL CONSTRUCTION DOCUMENTS FOR COMPLIANCE WITH THE DESIGN INTENT PRIOR TO COMMENCEMENT OF THE PROJECT.

ROOF PITCH - 5 IN 12
OVERHANG - 16"
GABLE END - 12"
ROOF MATERIAL - CODE APPROVED ARCHITECTURAL SHINGLES
SUB-FASCIA - 2X6
SOFFITS - VENTED
FASCIA - ALUM

TIMBER MATERIALS - STRUCTURAL -:

ALL TIMBER MATERIALS SHALL BE AS FOLLOWS:

LVL BEAMS SHALL BE (1.1E) MICRO LAM LVL MATERIALS MANUFACTURED BY TRUSS JOIST MACMILLAN (OR EQUAL).

LUMBER UTILIZED IN BOTTOM PLATES, TOP PLATES, POSTS, STUDS PACKS AND BEAMS SHALL BE #2 YELLOW PINE (OR BETTER). LUMBER WITH DIRECT CONTACT TO CONCRETE/MASONRY SHALL BE PRESSURE TREATED

EXTERIOR AND INTERIOR LOAD BEARING STUDS SHALL BE #2 YELLOW PINE (OR BETTER). ALL OTHER STUDS SHALL BE "STUD GRADE" SPRUCE.

PSL POSTS SHALL BE (1.8E) PARALLAM PSL MATERIALS MANUFACTURED BY TRUSS JOIST MACMILLAN (OR EQUAL).

EXTERIOR WALLS SHALL BE CONSTRUCTED WITH 1/2" PLYWOOD OR 7/16 O.S.B. (2-MIN RATING) NAILED WITH 8d NAILS SPACED AT 9" O.C. ALONG ALL HORIZONTAL JOINTS & EDGES; 6" O.C. ALONG ALL VERTICAL JOINTS & EDGES AND 12" O.C. ALONG ALL INTERMEDIATE STUDS.

AT OPENINGS 5'-0" WIDE OR LARGER, STRAP HEADER BEAM TO THE HEADER STUDS WITH (2) SIMPSON "LSTA24" STRAP TIES AT EACH END OF HEADER BEAM. ANCHOR BOTTOM OF HEADER STUDS TO FOUNDATION WITH A SIMPSON "HTT4" TENSION TIE.

ANCHOR TRUSSES AS FOLLOWS:

ROOF UPLIFTS OF 175# AND LESS USE (1) SIMPSON "LTS12" HURRICANE TIE.

ALL PLUMBING, ELECTRICAL AND MECHANICAL ROUGH-INS MUST BE COMPLETE, INSPECTED AND APPROVED PRIOR TO REQUESTING THE FRAMING INSPECTION.

IF DESIRED, EQUIVALENT CONNECTORS MADE BY ANOTHER SUPPLIER MAY BE USED IN PLACE OF THE "SIMPSON" CONNECTORS SHOWN.

ROOF:
LIVE LOAD (TRUSS TOP CHORD) - 20 PSF
DEAD LOAD (TRUSS TOP CHORD) - 10 PSF
LIVE LOAD (TRUSS BOTTOM CHORD) - 10 PSF NO STORAGE -PER FBC 6TH EDITION
LIVE LOAD (TRUSS BOTTOM CHORD) - 20 PSF MIN. STORAGE PER FBC 6TH EDITION

BASIC WIND SPEED: (Table 1609.3.1)

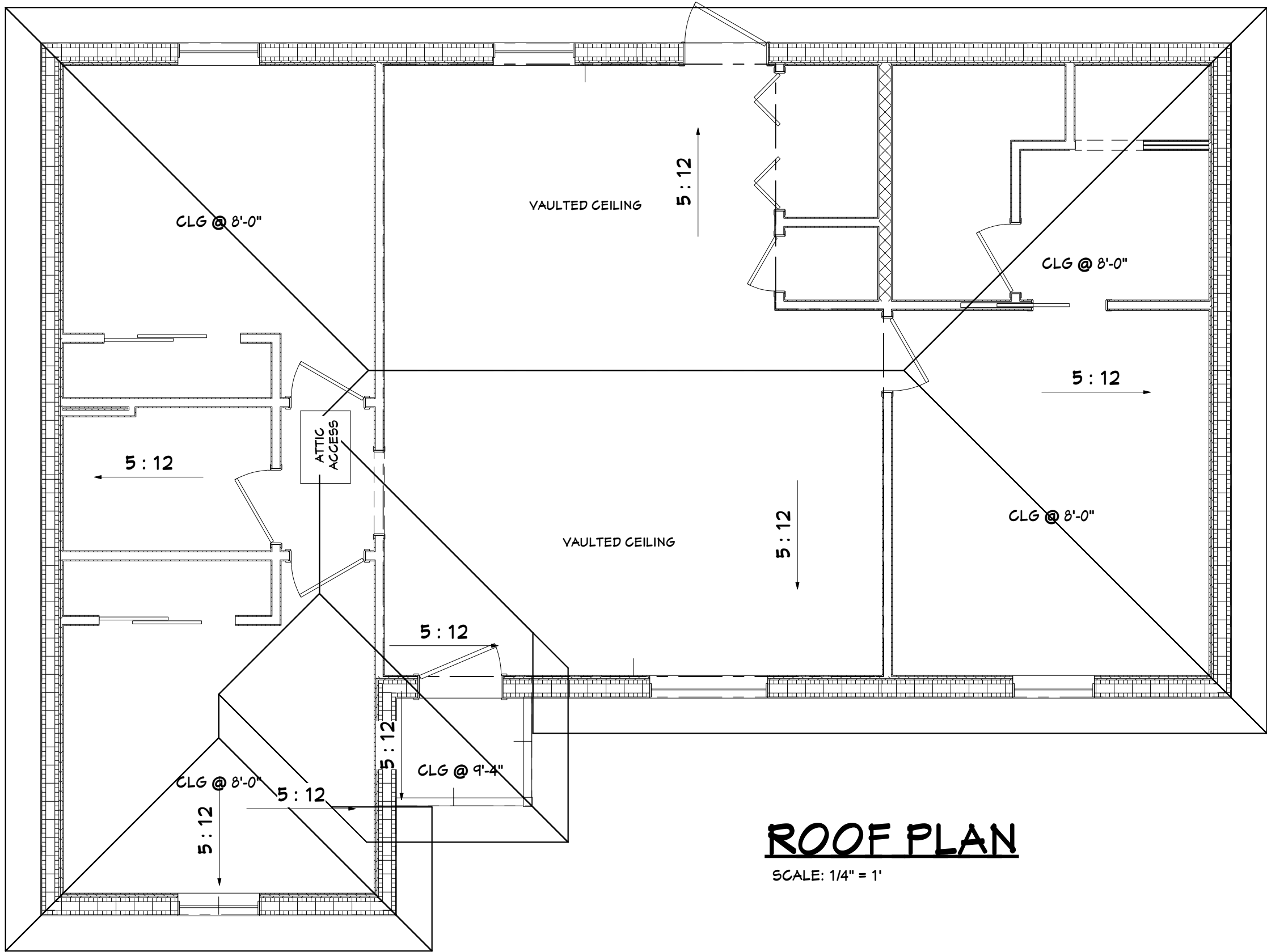
- ☐ V ultimate = 150 mph, V basic = 116 mph
☒ V ultimate = 140 mph, V basic = 105 mph
☐ V ultimate = 130 mph, V basic = 101 mph

RISK CATEGORY:

- ☐ CATEGORY I
☒ CATEGORY II
☐ CATEGORY III
☐ CATEGORY IV

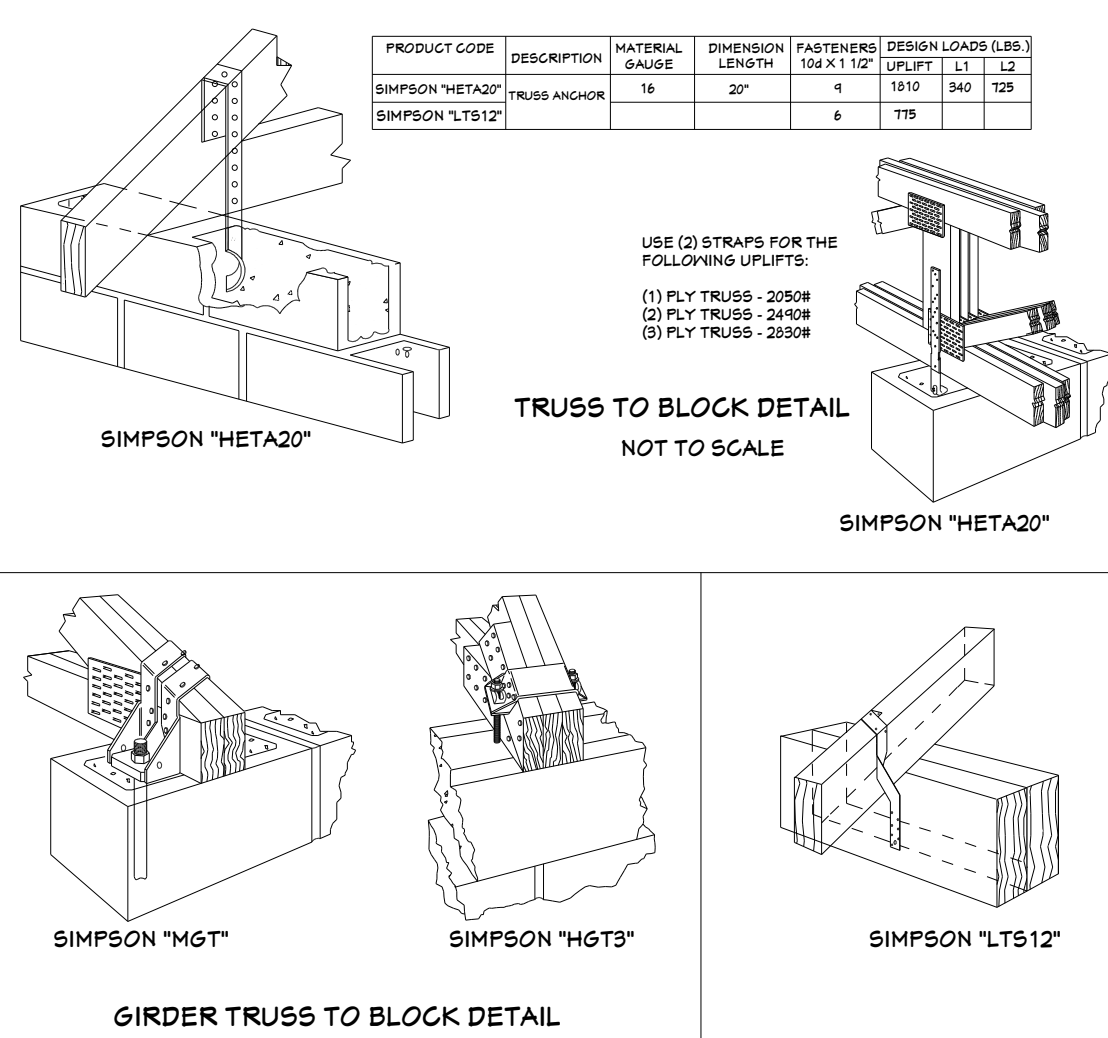
EXPOSURE CATEGORY:

- ☐ B
☒ C
☐ D



ROOF PLAN

SCALE: 1/4" = 1"



CMU CONSTRUCTION:
UNLESS OTHERWISE NOTED, TRUSS WILL REQUIRE A SIMPSON HETA20 WRAPPED OVER TRUSS. NAIL 6-10D X 1 1/2 TYPICAL BOTH ENDS OF TRUSS. UPLIFT 1510#

WOOD BEAM CONSTRUCTION:
UNLESS OTHERWISE NOTED, TRUSS WILL REQUIRE A SIMPSON LTS12 WRAP OVER TRUSS. NAIL 6-10D X 1 1/2 EACH BEAM/TRUSS. UPLIFT 175#

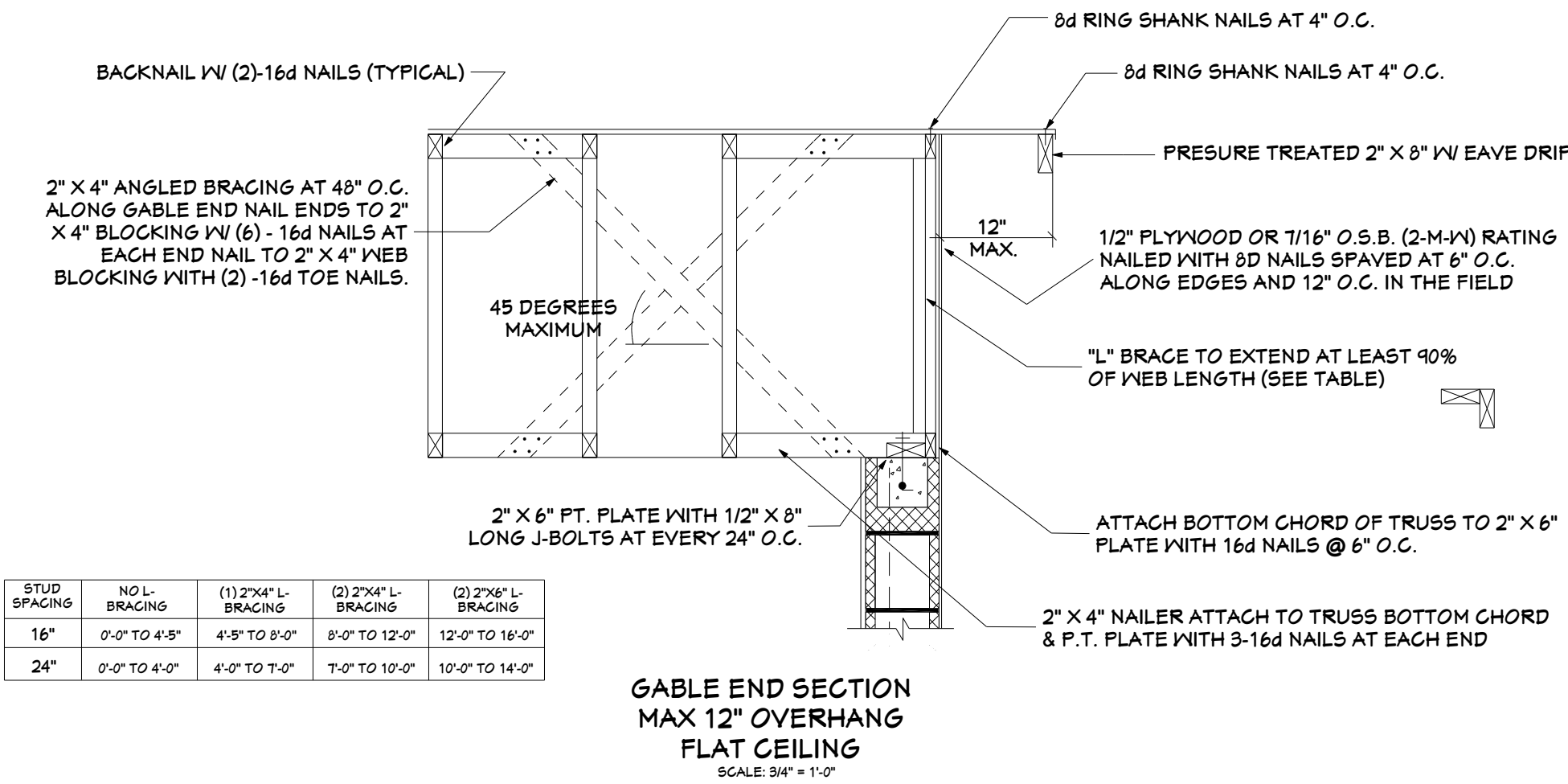
USE SIMPSON "M6T" HEAVY GIRDER TIEDOWN FOR UPLIFTS UP TO 5,165#

USE SIMPSON "HGT-3" HEAVY GIRDER TIEDOWN FOR UPLIFTS UP TO 10,500#

USE SIMPSON "HGT-4" HEAVY GIRDER TIEDOWN FOR UPLIFTS UP TO 1,250#

PRE-ENGINEERED ROOF TRUSSES @ 24" O.C.
VERIFY ALL TIE REQUIREMENTS FOR UPLIFT AND REACTIONS WITH TRUSS MANUFACTURER ENGINEERING

GIRDER TRUSSES WILL REQUIRE (2) SIMPSON HETA20 TRUSS STRAPS
ALL FASTENERS TO BE INSTALLED PER MANUFACTURER'S SPEC



GABLE END SECTION

MAX 12" OVERHANG

FLAT CEILING

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