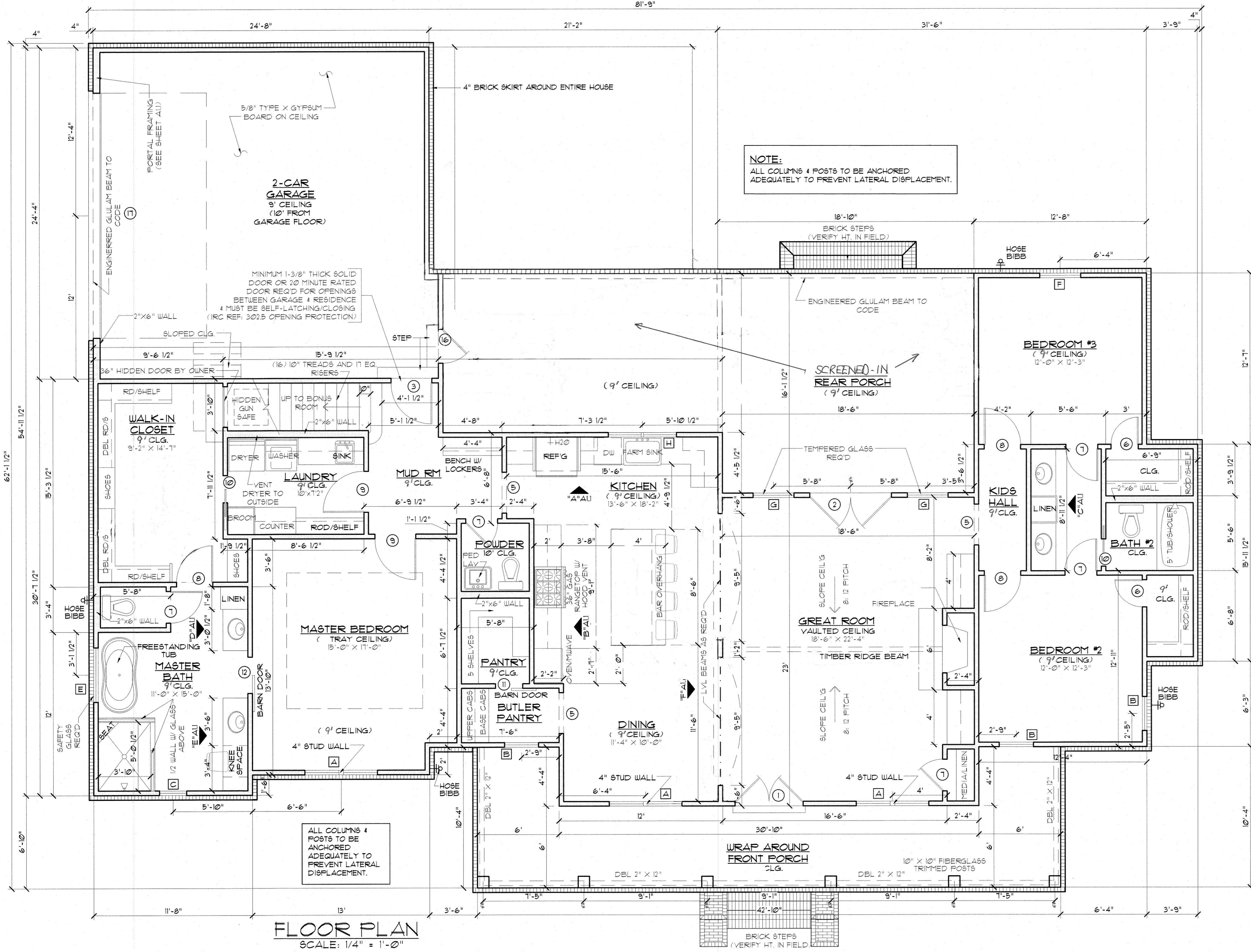


MARK	OPENING SIZE	DESCRIPTION	QTY.
A	DBL 2'6" X 1'0"	(2) 2/2 LITE VINYL SINGLE HUNG WINDOWS W/ 4" WALL BETWEEN	3 PAIR
B	2'6" X 6'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	3
C	2'0" X 4'0"	2/2 LITE VINYL FIXED WINDOW INSULATED	1
D	2'0" X 3'6"	4 LITE VINYL FIXED WINDOW INSULATED (SEE ELEV'S)	3
E	4'0" X 4'0"	DBL 6 LITE VINYL CASEMENT WINDOW INSULATED	1
F	3'0" X 6'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	1
G	3'0" X 1'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	2
H	5'0" X 5'0"	DBL 6 LITE VINYL CASEMENT WINDOW INSULATED	1
J	2'8" X 5'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	1

IMPORTANT NOTE:
 ALL EGRESS OR RESCUE WINDOWS FROM SLEEPING ROOMS MUST HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET. GRADE FLOOR WINDOWS MAY HAVE A MINIMUM NET CLEAR OPENING OF 5 SQUARE FEET. THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24". THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20". MAXIMUM SILL HEIGHT - 44" AFF.

MARK	SIZE	DESCRIPTION	QTY.
1	DBL 2'6" X 8'0"	EXTERIOR 4 LITE 3/4 FRENCH SOLID WOOD DOORS	1 PAIR
2	DBL 3'0" X 8'0"	EXTERIOR 4 LITE FULL FRENCH WOOD DOORS	1 PAIR
3	3'0" X 1'0"	EXTERIOR 6 PANEL METAL DOOR	1
4	3'0" X 8'0"	EXTERIOR 6 PANEL METAL DOOR	1
5	3'0" X 8'0"	CASED OPENING	3
6	2'0" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	2
7	2'4" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	5
8	2'8" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	3
9	3'0" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	2
10	2'0" X 8'0"	INT. HORIZONTAL 6 PANEL H.C. MASONITE POCKET DOOR	2
11	2'0" X 8'0"	INTERIOR SOLID WOOD SLIDING BARN DOOR - OWNER SELECT	1
12	2'8" X 8'0"	INTERIOR SOLID WOOD SLIDING BARN DOOR - OWNER SELECT	1
13	2'4" X 6'8"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	2
14	2'8" X 6'8"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	1
15	2'4" X 6'8"	SOLID CORE MASONITE ATTIC ACCESS DOOR	1
16	2'6" X 1'0"	EXTERIOR 6 PANEL METAL DOOR	1
17	18'0" X 8'0"	CARRIAGE-STYLE METAL GARAGE DOOR W/ LITES 4 OPENER	1



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

NOTICE TO CONTRACTOR
 All construction must comply with current NC Building Codes and is subject to field inspection and verification.

APPROVED
 Limited building only review
 Permit holder responsible for full compliance with the code

08/02/2024

Signature

Harnett COUNTY
 NORTH CAROLINA

See bonus room stair notes

CONTRACTOR TO LOCATE WATER HEATER & A/C UNITS ON SITE

SQUARE FOOTAGE	
MAIN LIVING	2216
FRONT PORCH	309
REAR PORCH/STO. CLOSET	473
2-CAR GARAGE	600
TOTAL SQ. FT.	3598
OPTIONAL BONUS RM	319
TOTAL LIVING W/ BONUS	2535
TOTAL UNDER ROOF W/ BONUS	3911

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RESIDENCE OF
JONAH BLANKENSHIP

MADDEN HOME DESIGN
 8375 Rushing Road
 Denham Springs, Louisiana
 70726
 Phone: (225) 791-2912

A B D

Project No: Myrtle Beach - Mirror (Garage)
 DATE: JULY 12, 2024
 DRAWN BY: Steven Madden
 DESIGNED BY: Steven Madden

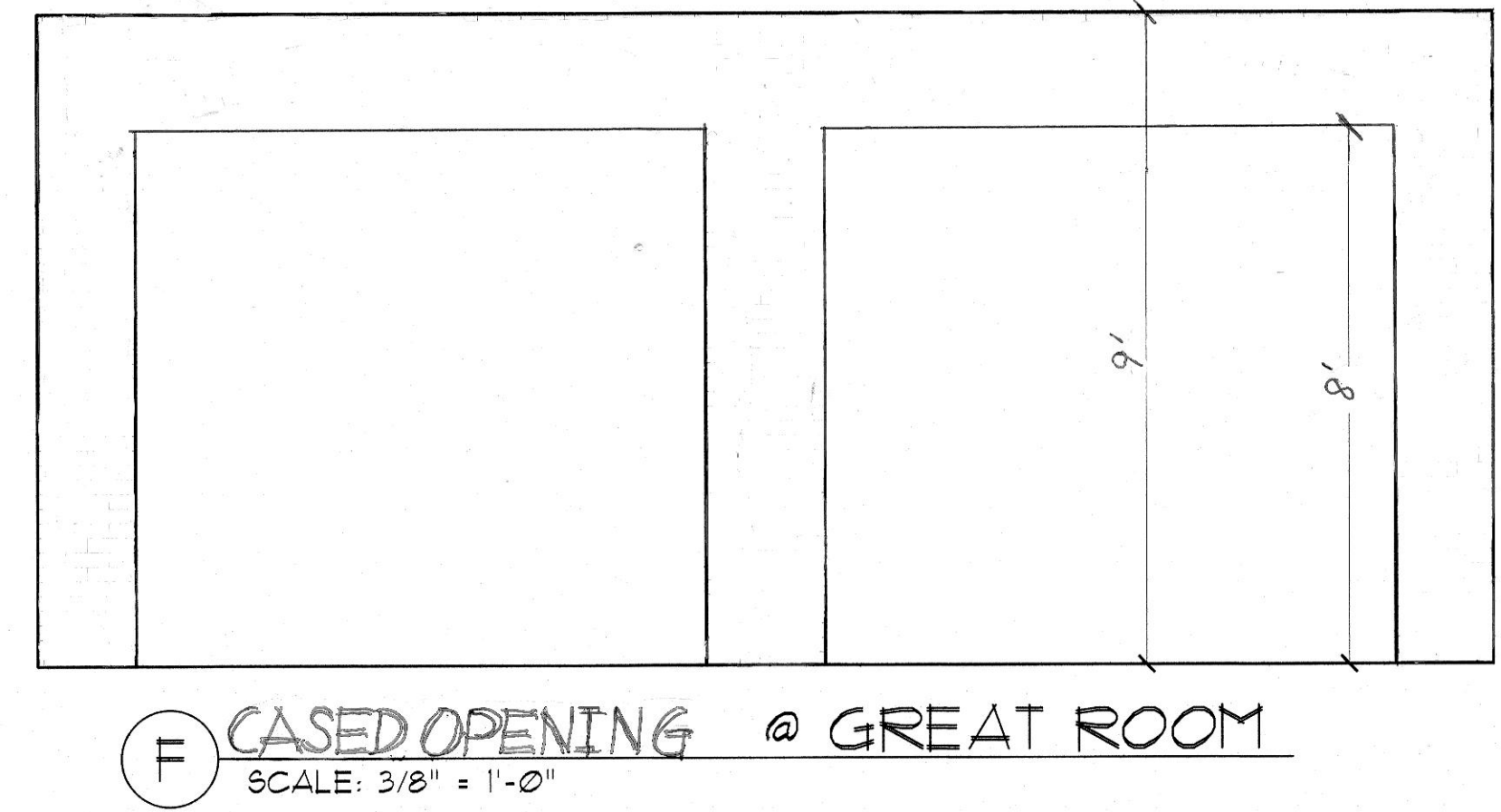
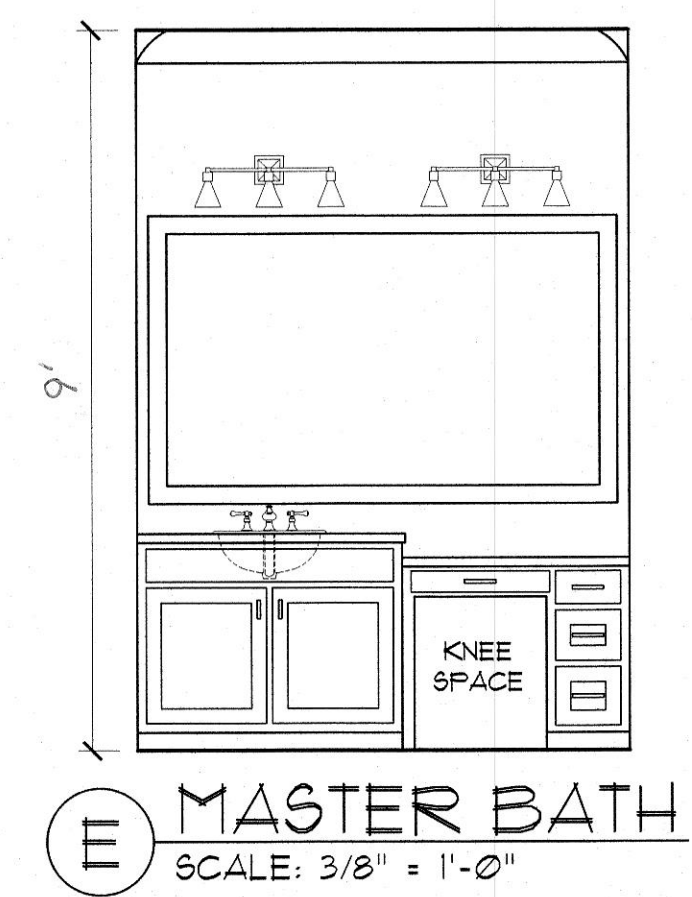
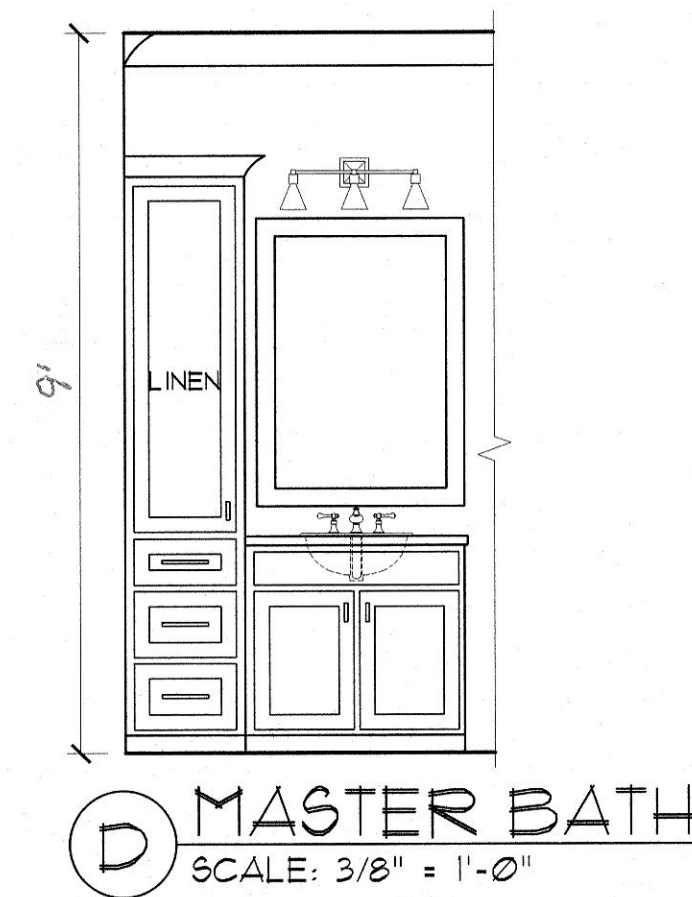
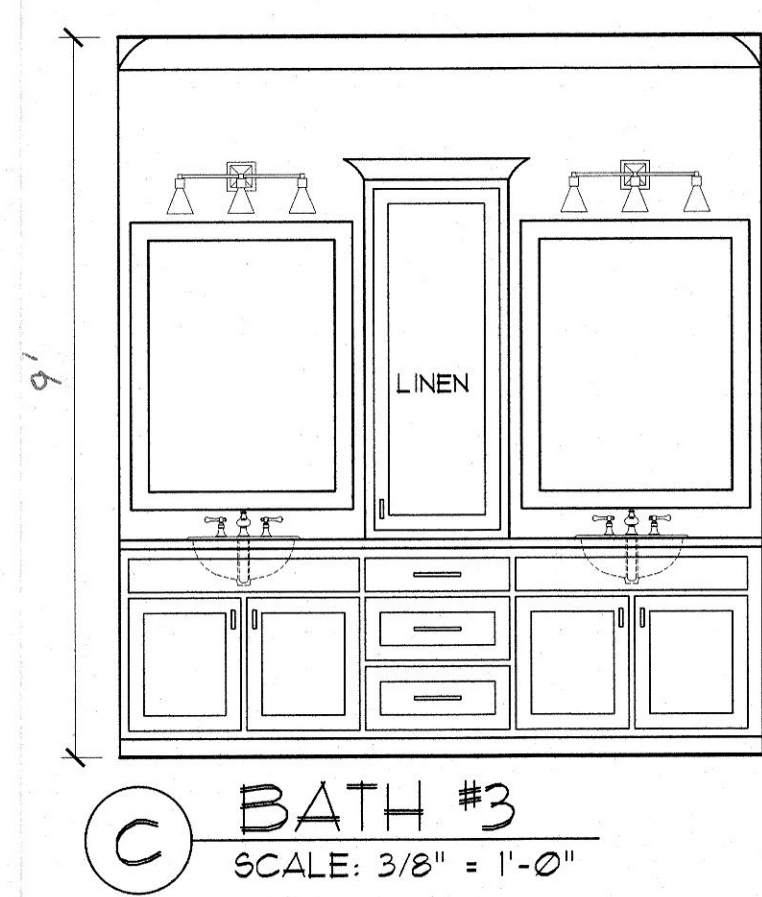
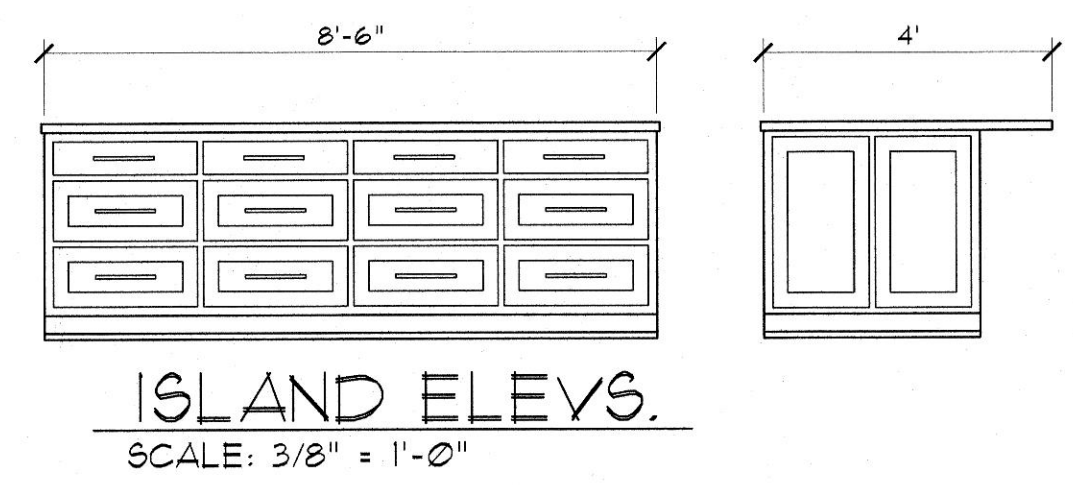
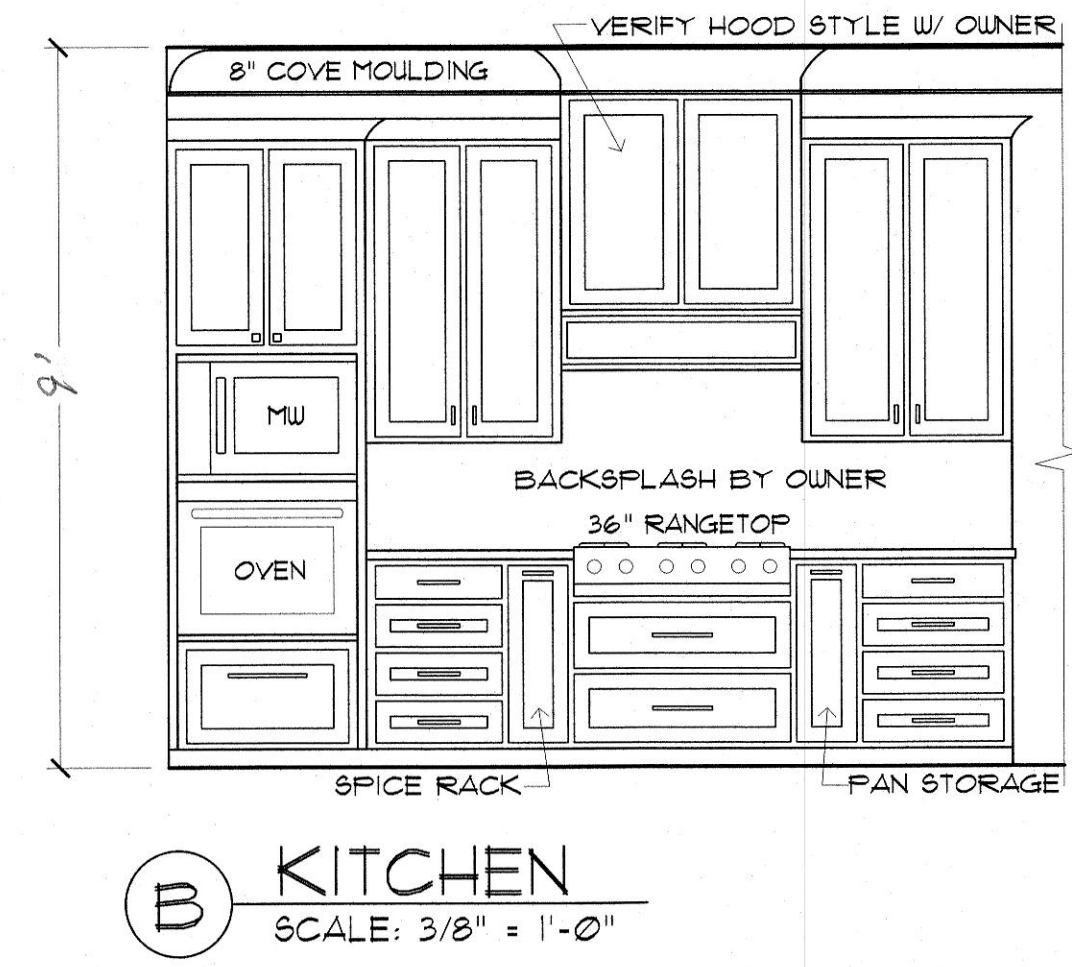
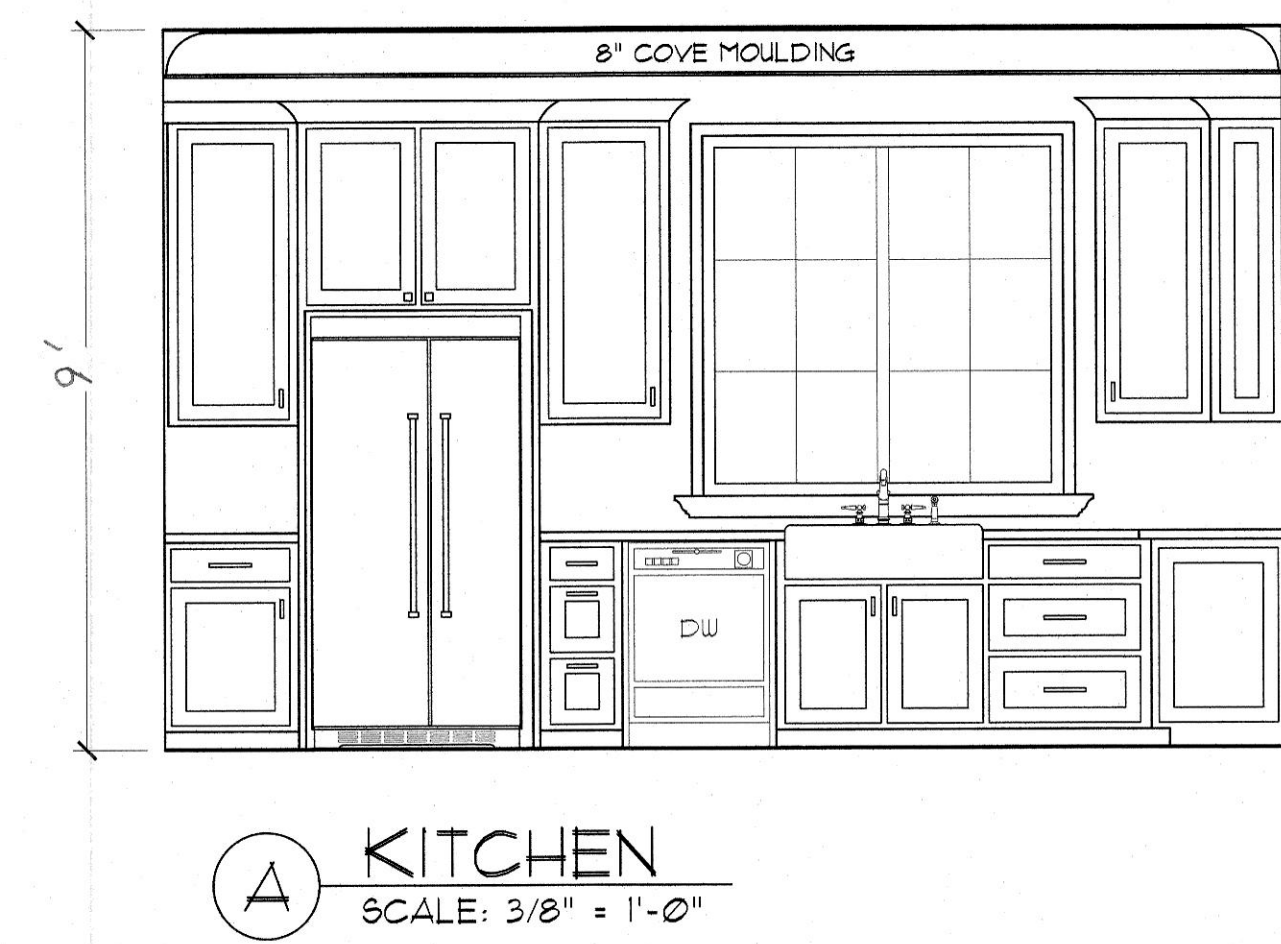
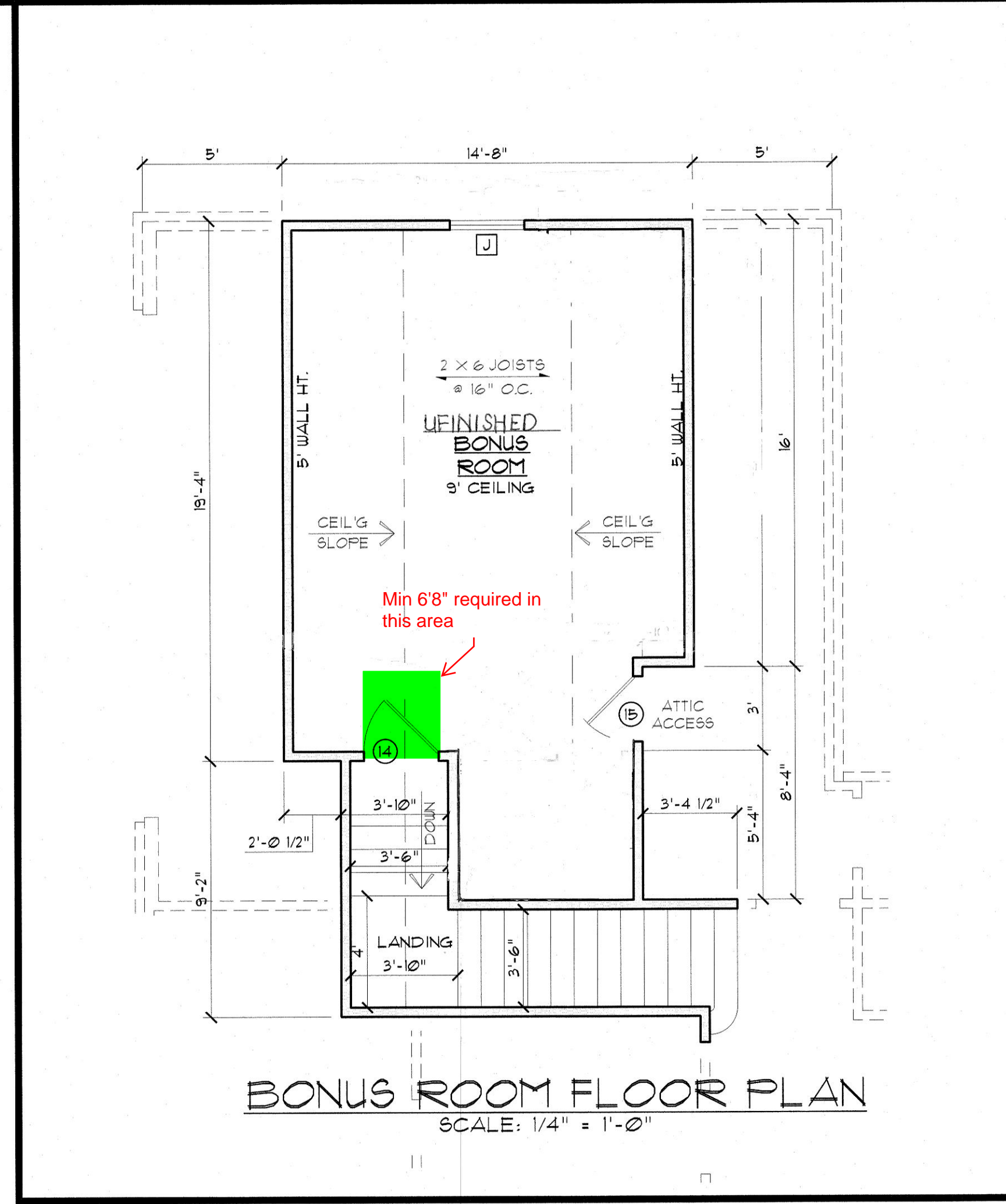
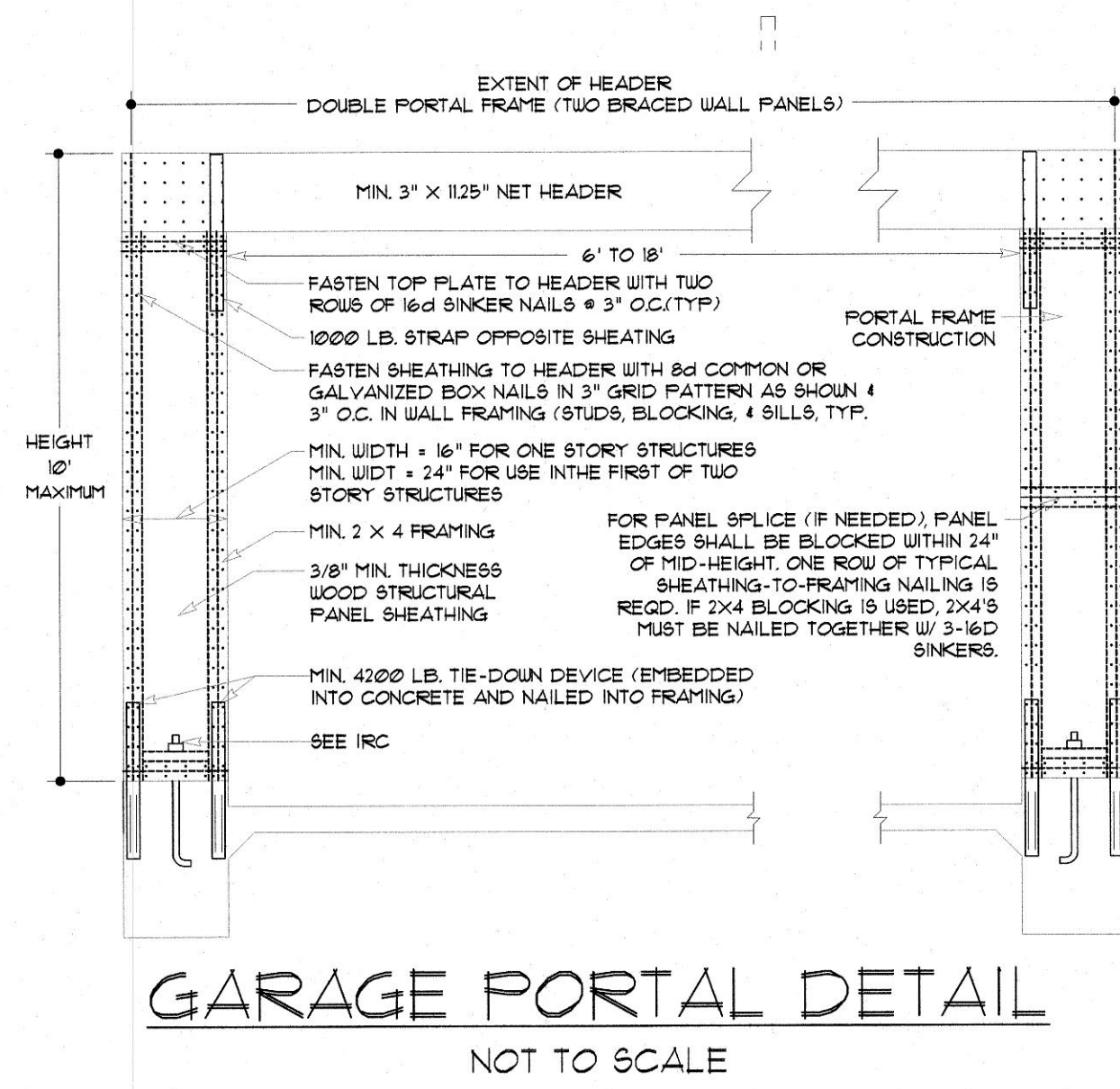
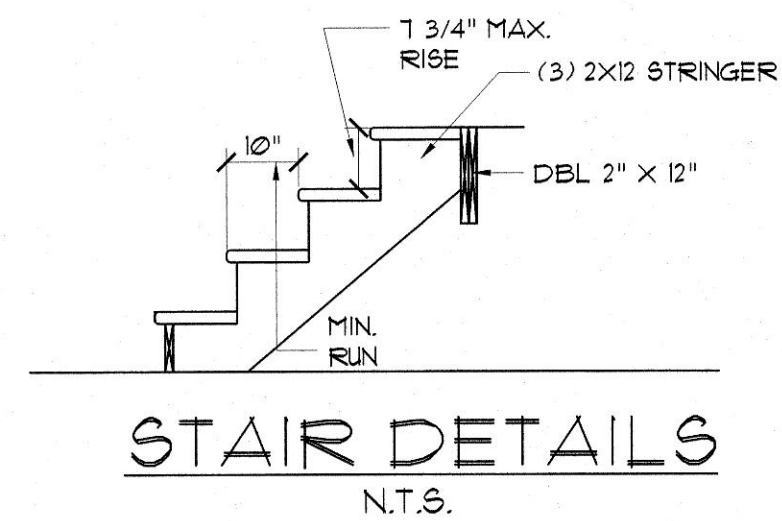
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Sheet Title
FLOOR PLAN

Sheet:
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 □ Bidding Doc.
 □ Construction Doc.



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RESIDENCE OF
JONAH BLANKENSHIP

Project
MADDEN HOME DESIGN
8375 Rushing Road
Denham Springs, Louisiana 70726
Phone: (225) 791-2912

A B D

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DATE: JULY 12, 2024

DRAWN BY: Steven Madden

DESIGNED BY: Steven Madden

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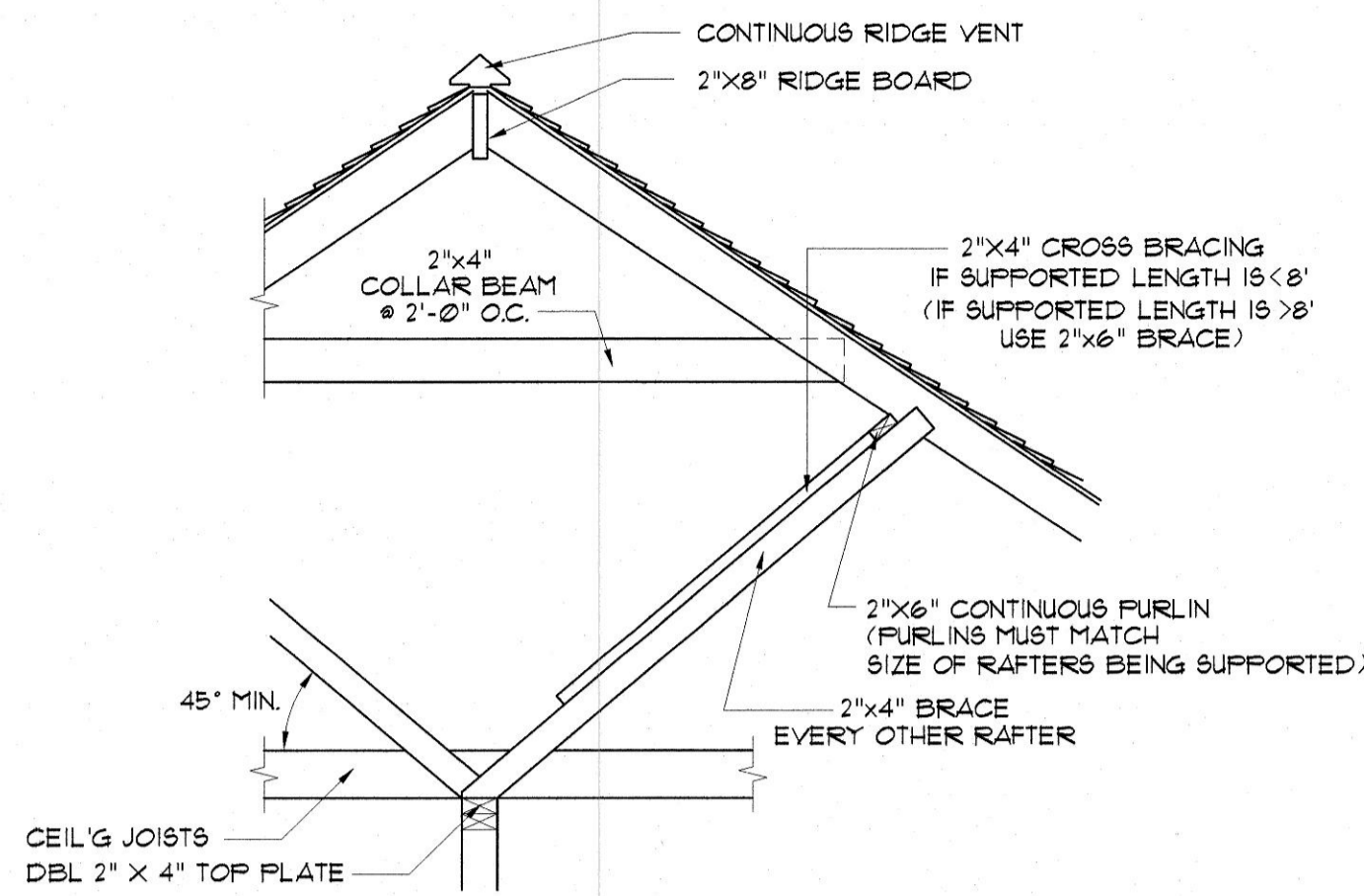
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BONUS FPLAN/ INTERIOR ELEVATIONS

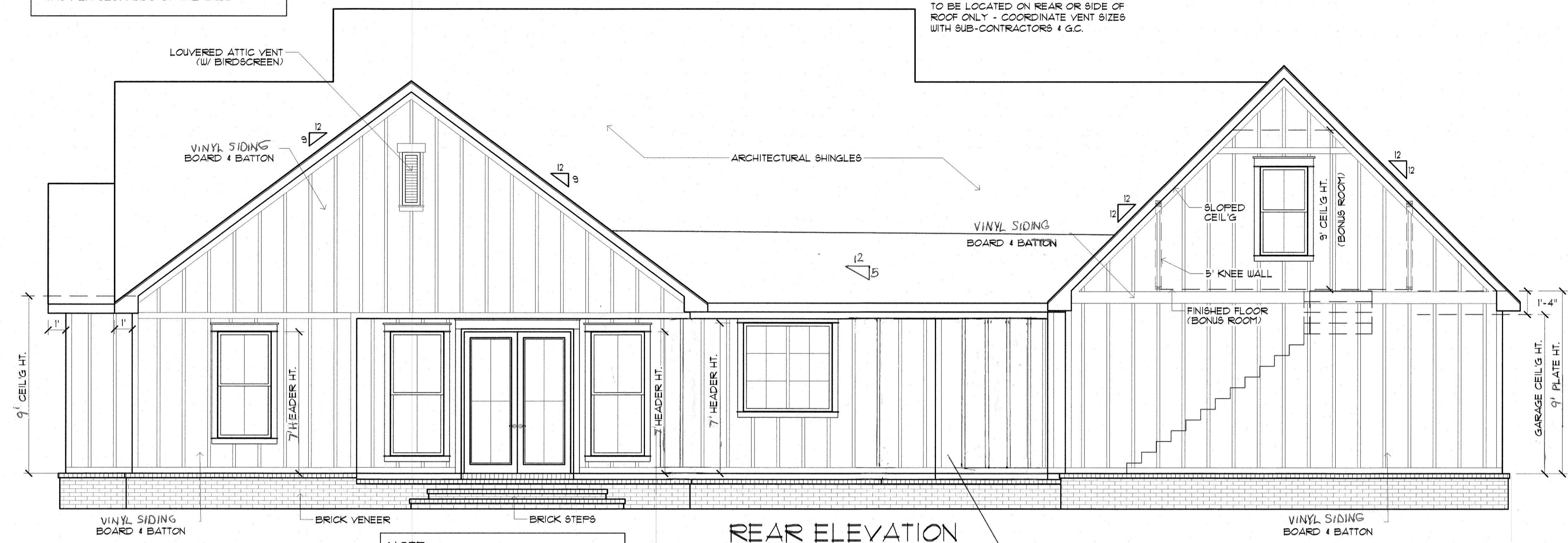
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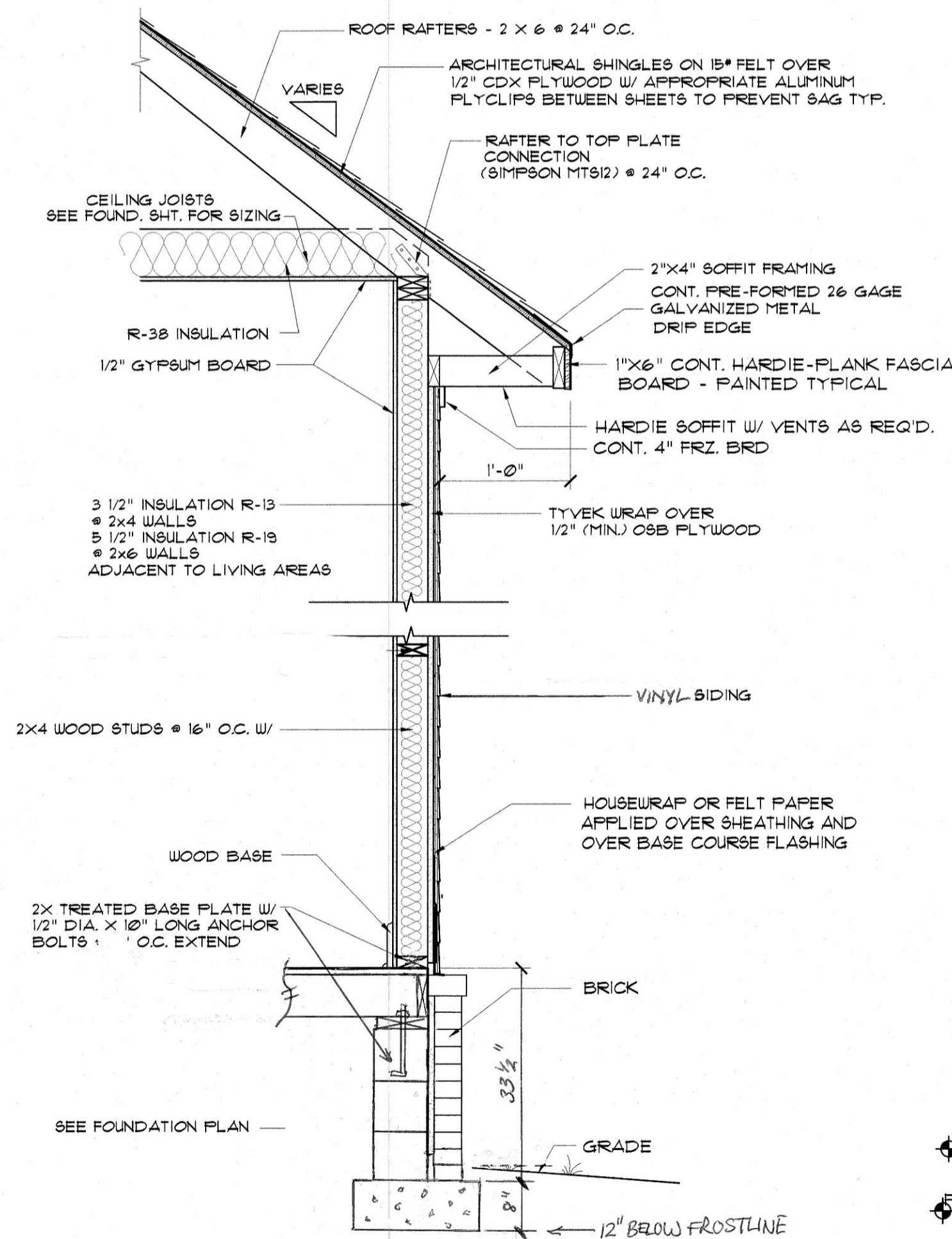
TYPICAL ROOF BRACING DETAIL
SCALE: 1/2" = 1'

ATTIC VENTILATION:
THE TOTAL NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1/300 OF THE AREA OF THE SPACE VENTILATED EXCEPT THAT A REDUCTION OF THE TOTAL AREA TO 1/200 IS PERMITTED PROVIDED THAT AT LEAST 50% AND NOT MORE THAN 80% OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 3 FEET ABOVE THE EAVE OR CORNICE VENTS WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS. THE ATTIC VENTILATION SHALL BE SUFFICIENT TO PROVIDE THE REQUIRED VOLUME OF COMBUSTION AIR (AS PER SEC. R302 OF THE I.R.C.)



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

NOTE:
MAINTAIN MIN. 6" CLEARANCE BETWEEN BOTTOM OF BRICK OR SIDING AND TOP OF FINAL GRADING AND SODDING - TYPICAL ALL AROUND STRUCTURE



TYPICAL WALL SECTION VINYL SIDING
SCALE: 3/4" = 1'-0"



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

ALL VENTS AND ROOF PENETRATIONS TO BE LOCATED ON REAR OR SIDE OF ROOF ONLY - COORDINATE VENT SIZES WITH SUB-CONTRACTORS & G.C.

SCREENED IN BACK PORCH

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RESIDENCE OF
JONAH BLANKENSHIP

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MADDEN HOME DESIGN
8375 Rushing Road
Denham Springs, Louisiana 70726
Phone: (225) 791-2912

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DESIGNED BY: Steven Madden

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FRONT & REAR ELEVATIONS

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RESIDENCE OF
**JONAH
BLANKENSHIP**

Project

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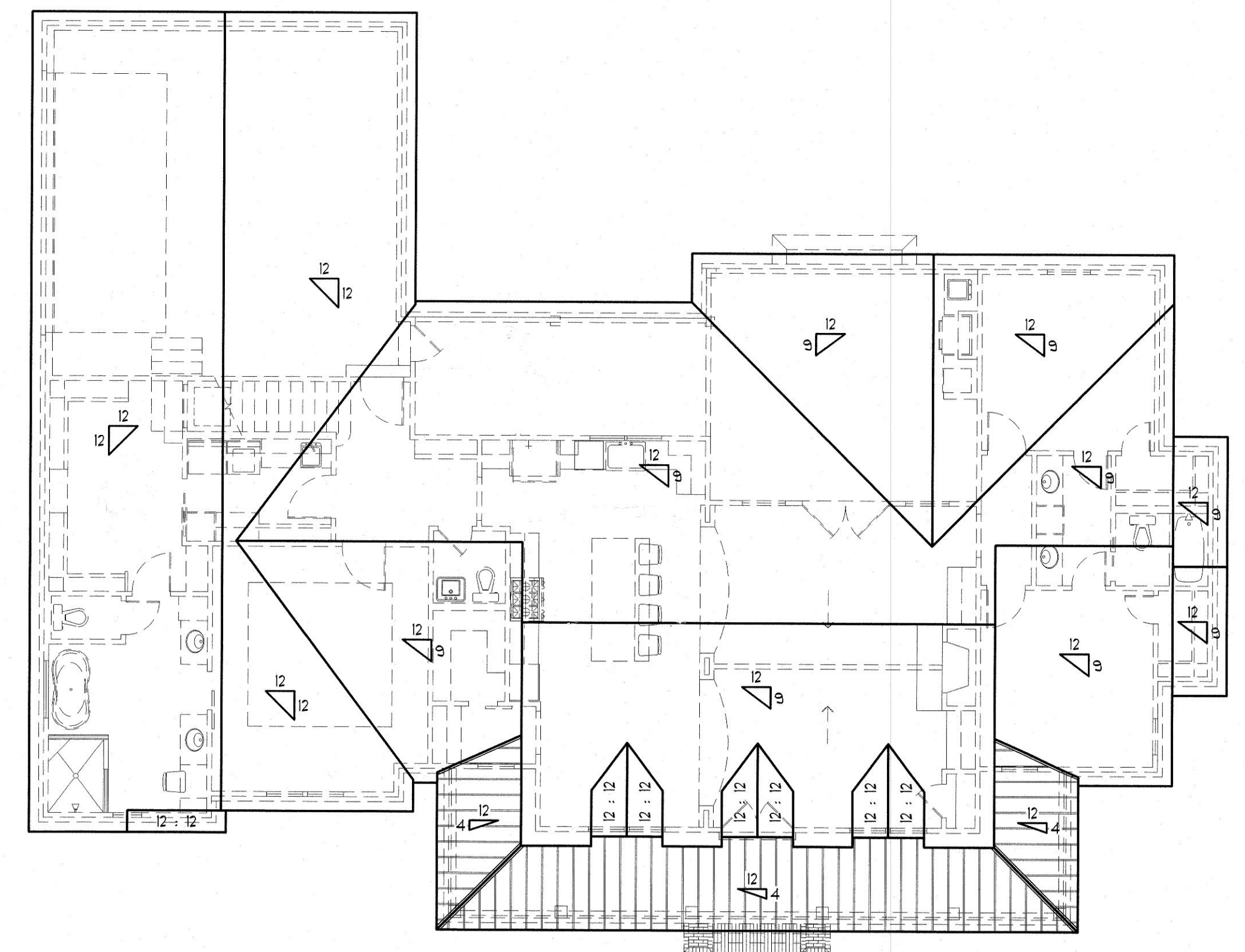
Sheet Title
ELEVATIONS & ROOF PLAN

Sheet:
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 Construction Doc.
A3.0

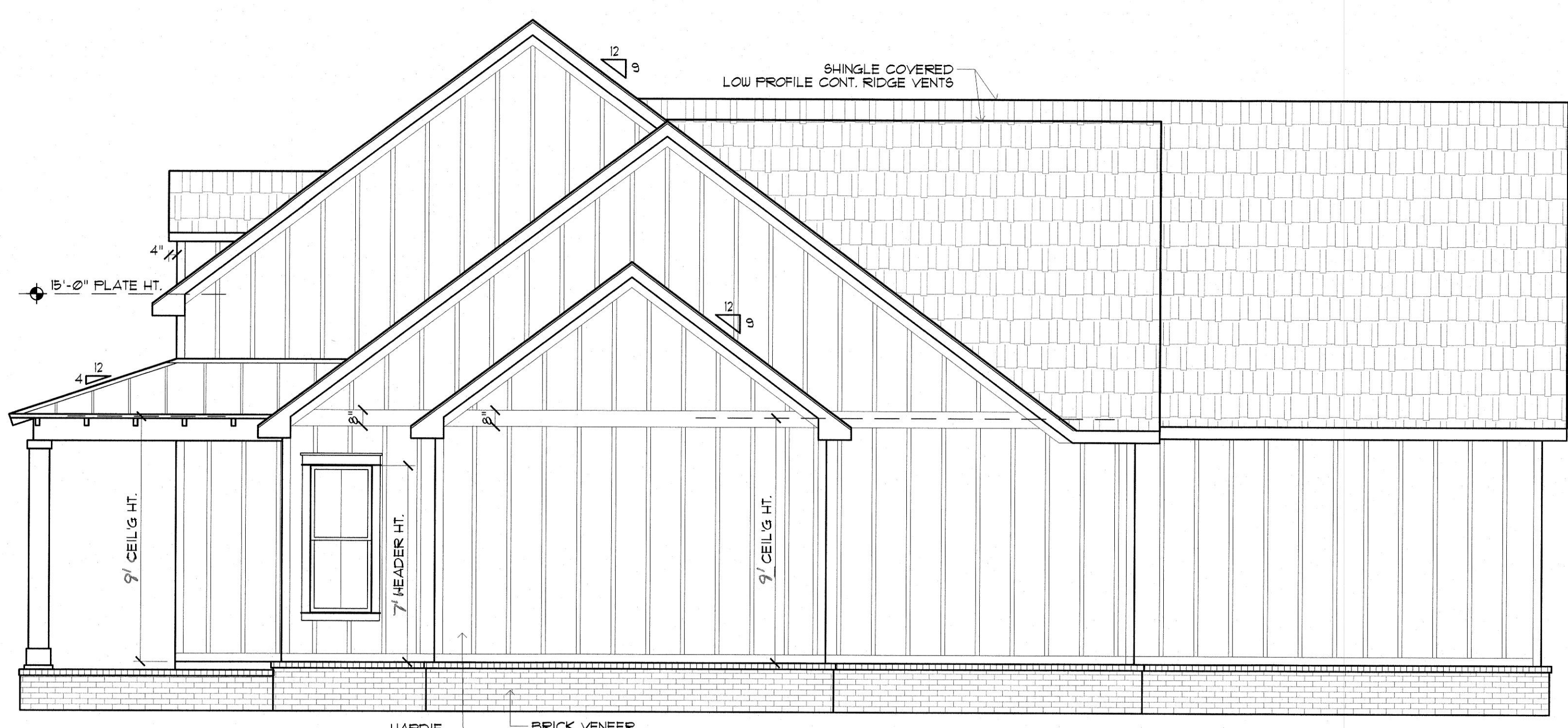


NOTE:
MAINTAIN MIN. 6" CLEARANCE BETWEEN BOTTOM OF BRICK OR SIDING AND TOP OF FINAL GRADING AND SODDING - TYPICAL ALL AROUND STRUCTURE

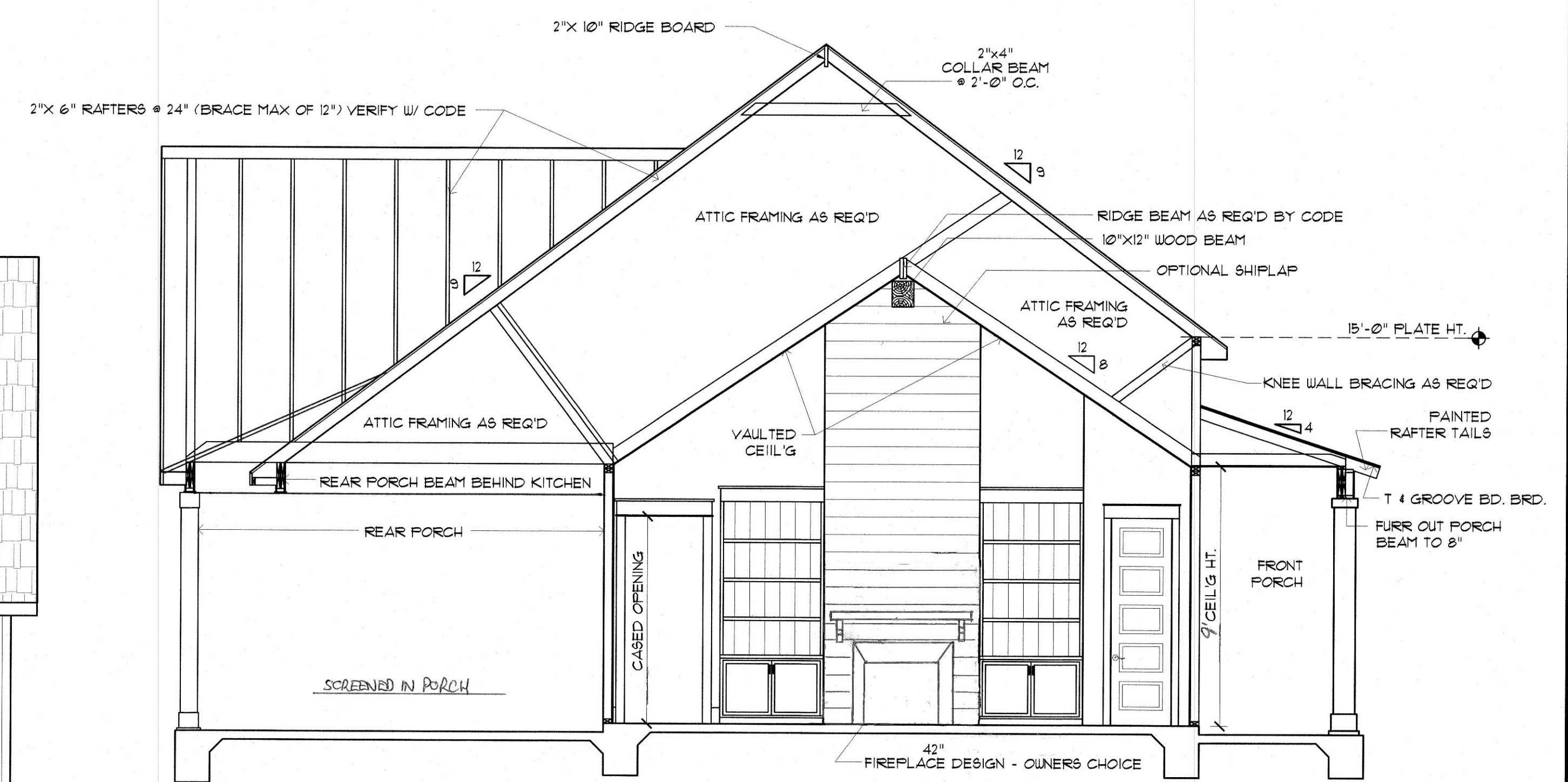
LEFT SIDE ELEVATION
SCALE: 1/4"=1'-0"



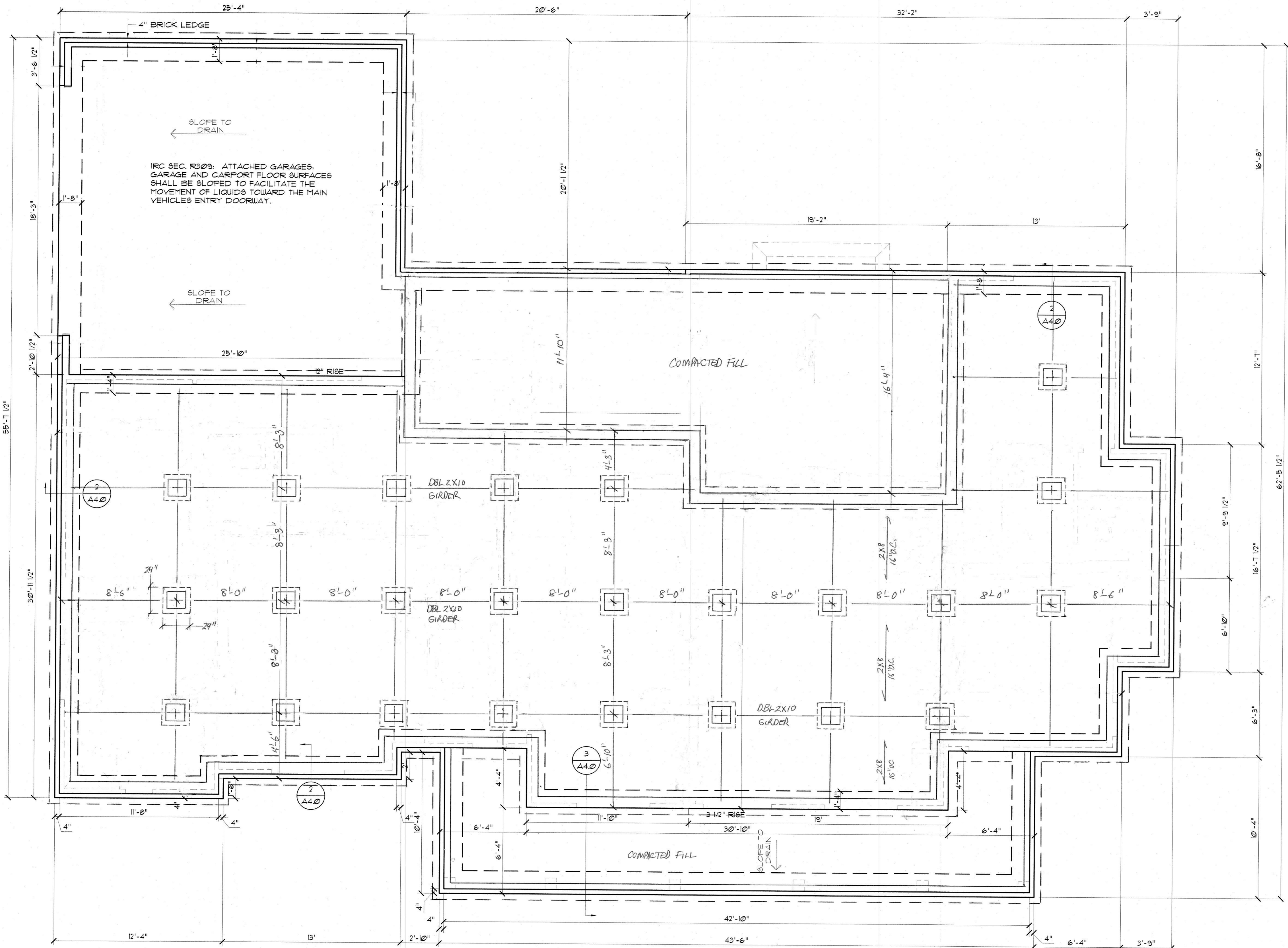
ROOF PLAN
SCALE: 1/8"=1'-0"



RIGHT SIDE ELEVATION
SCALE: 1/4"=1'-0"



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



IRC SEC. R309: ATTACHED GARAGES, GARAGE AND CARPORT FLOOR SURFACES SHALL BE SLOPED TO FACILITATE THE MOVEMENT OF LIQUIDS TOWARD THE MAIN VEHICLES ENTRY DOORWAY.

CONCRETE NOTES:

- REFER TO BUILDING PLANS FOR DOOR OPENINGS AND EXACT DIMENSIONS.
- USE CONCRETE BRICK SUPPORTS TO MAINTAIN REINFORCING CLEARANCES. DO NOT USE CMU OR FACE BRICK.
- FOUNDATION DESIGN BASED ON A-4 FILL DIRT COMPACTED TO 95% DENSITY (ASTM D-1557). FILL PLACED @ 8" MAX. LIFTS
- ALL CONCRETE SHALL DEVELOP 3000 PSI COMPRESSIVE STRENGTH @ 28 DAYS. PLACE CONCRETE W/ MAXIMUM SLUMP OF 6". PROVIDE SLUMP TEST AND CYLINDERS AT BEGINNING AND MIDPOINT OF POUR.
- GRADE 40 DEFORMED REINFORCING.
- ASTM-105 WUF REINFORCING.
- APPLY A LIQUID MEMBRANE CURING CHEMICAL TO ALL CONCRETE SURFACES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. W/ GRACE PRODUCT OR EQUAL.
- CONTRACTOR SHALL COORDINATE ALL DOOR LOCATIONS AND OMIT NOTCHES ACCORDINGLY.
- 2" CLEARANCE FOR REBAR SIDES AND BOTTOM.
- MINIMUM SLAB THICKNESS SHALL BE 4" ON HOUSE AND ANY SIDEWALKS INCLUDING DRIVEWAY.
- FINISH GRADE TO SLOPE AWAY FROM THE HOUSE.
- REFER TO ELECTRICAL PLAN FOR IN-SLAB WIRING AND OUTLET REQUIREMENTS.
- CONTRACTOR SHALL EXCAVATE ALL FOOTINGS TO SOLID, UNDISTURBED SOIL.
- SLABS AND FOOTINGS SHALL BE PLACED MONOLITHICALLY IN A CONTINUOUS POUR. CONSTRUCTION JOINTS FOR THE PURPOSE OF POUR INTERRUPTION SHALL NOT BE ALLOWED WITHOUT PRIOR APPROVAL BY THE OWNER.
- ALL DRIVEWAY FOURS SHALL HAVE THE PROPER CONSTRUCTION AND CONTROL JOINTS AT A DISTANCE NO GREATER THAN 15' WITH A JOINT DOWN THE CENTER. RADIUS BENDS SHALL HAVE A CONTROL JOINT AT THE CENTER OF THEM.

FOUNDATION AND SITE WORK NOTES:

- CHECK ELECTRICAL PLAN FOR ANY CONDUIT OR FLOOR RECEPTACLES.
- TERMITE TREAT THE SOIL PRIOR TO POURING CONCRETE AND RETAIN CERTIFICATE FOR OWNER.
- GRADE LOT TO DRAIN AWAY FROM THE FOUNDATION A MINIMUM OF 6" INCHES IN THE FIRST 10 FEET.
- CARPORT AND FRONT PORCH BEAMS ARE NOT SHOWN FOR CLARITY PURPOSES.
- CONTRACTOR SHALL EXCAVATE ALL FOOTINGS TO SOLID, COMPACTED, UNDISTURBED FILL MEETING 90% MODIFIED PROCTOR AS TESTED.
- ALL WELDED WIRE FABRIC SHALL BE 6x6 10/10 WUF.
- POLYETHYLENE VAPOR BARRIER SHALL BE 6 MIL. THICKNESS.

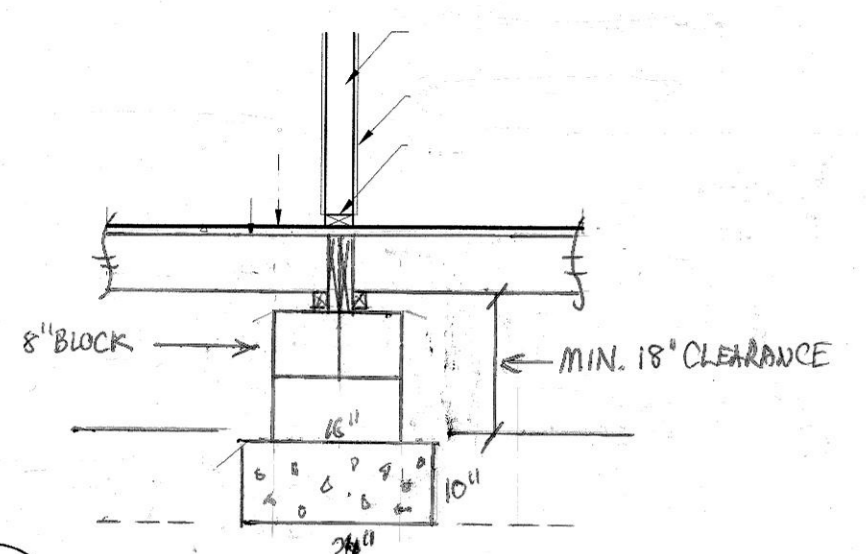
NOTE:
THIS GENERIC FOUNDATION PLAN IS DESIGNED FOR NON EXPANSIVE SOILS WITH A BEARING CAPACITY OF AT LEAST 2500 PSF. MADDEN HOME DESIGN IS NOT AN ENGINEER AND RECOMMENDS THAT A PROFESSIONAL ENGINEER BE CONSULTED FOR YOUR SPECIFIC LOT AS THE DESIGNER HAS NOT BEEN PROVIDED ANY INFORMATION BY THE CLIENT REGARDING THE BEARING CAPACITY OF THE SOILS FOR THIS LOT AND ASSUMES NO RESPONSIBILITY FOR THE STRUCTURAL PERFORMANCE OF THIS DESIGN.

NOTE:
ALL EXTERIOR GRADE BEAMS TO EXTEND BELOW UNDISTURBED SOIL A MINIMUM OF 12".

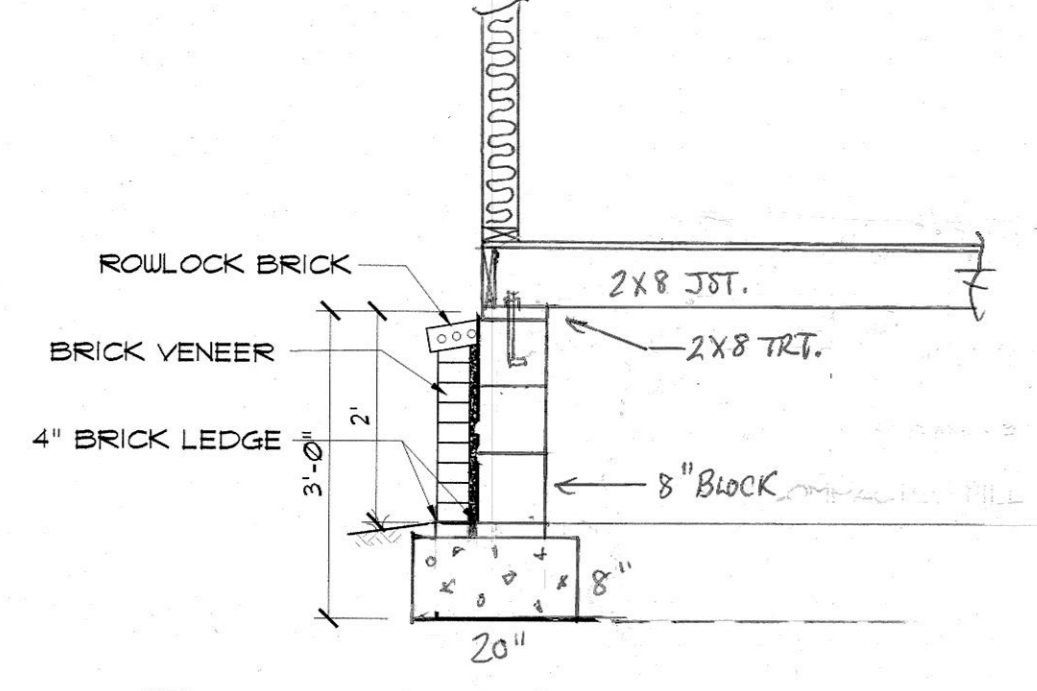
FOUNDATION PLAN

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

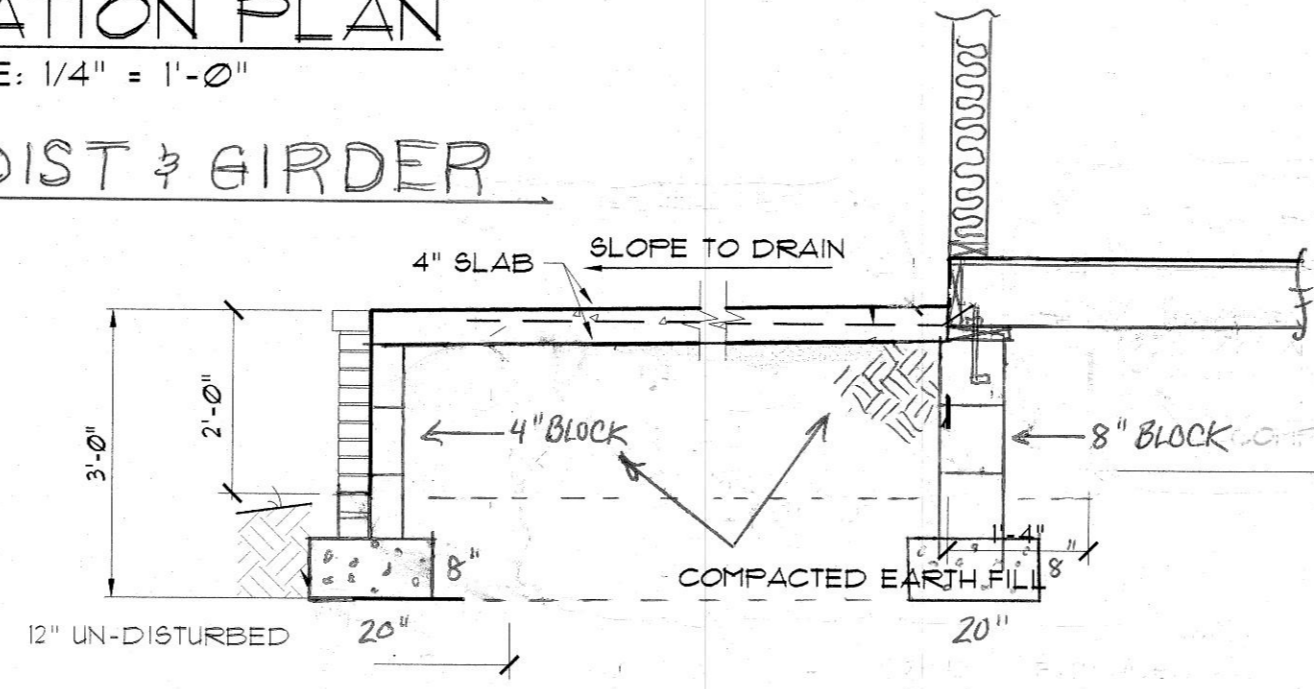
FLOOR JOIST & GIRDER



1 INTERIOR GRADE BEAM
SCALE: 1/2" = 1'



2 BRICK FOUNDATION EXT. FOOTING



3 COVERED FRONT PORCH FOOTING
SCALE: 1/2" = 1'

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RESIDENCE OF
JONAH BLANKENSHIP

Project
MADDEN HOME DESIGN
8375 Rushing Road
Denham Springs, Louisiana
70726
Phone: (225) 791-2912

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FOUNDATION PLAN

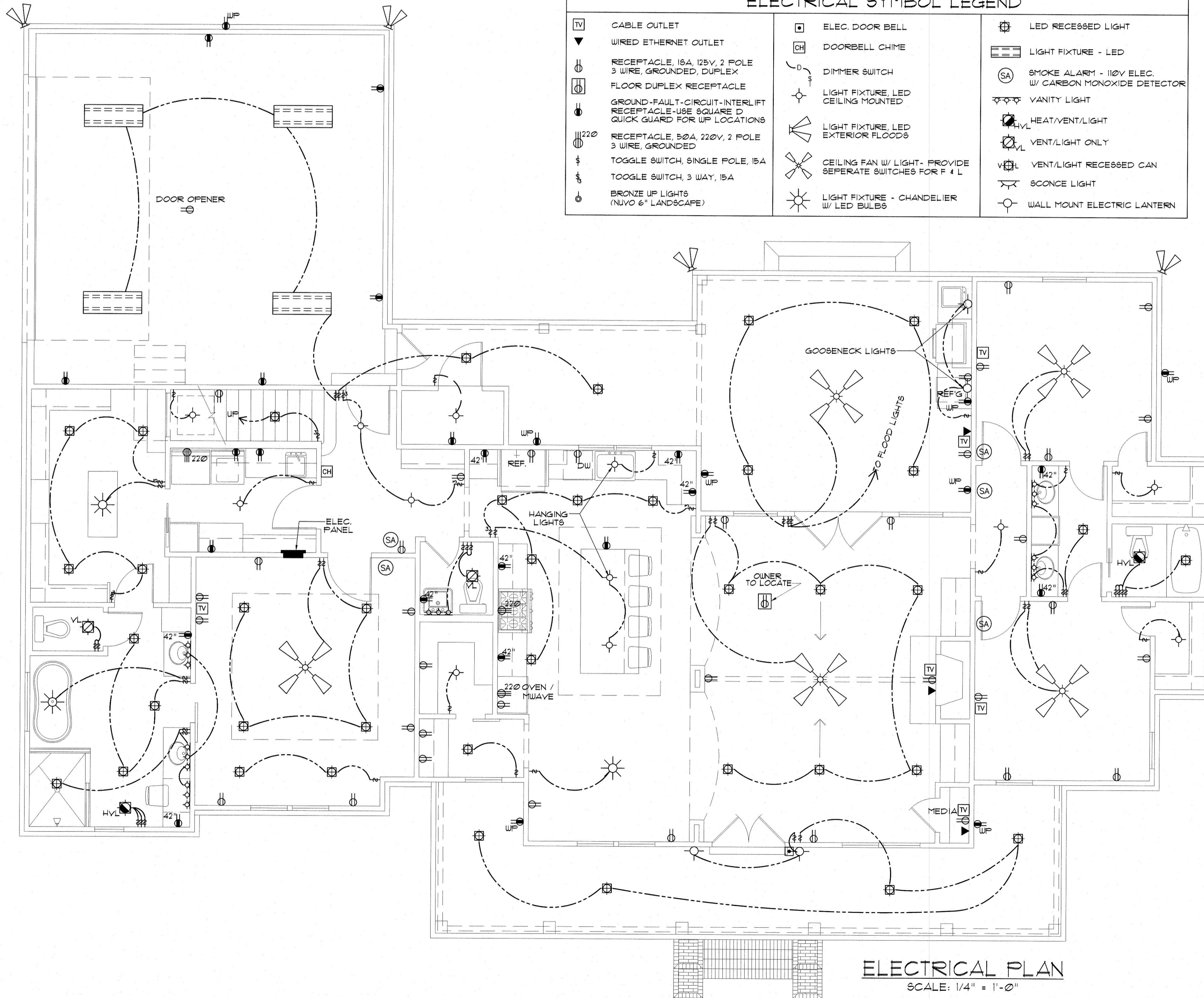
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IRC 2021 ELECTRICAL BUILDING CODE NOTES:

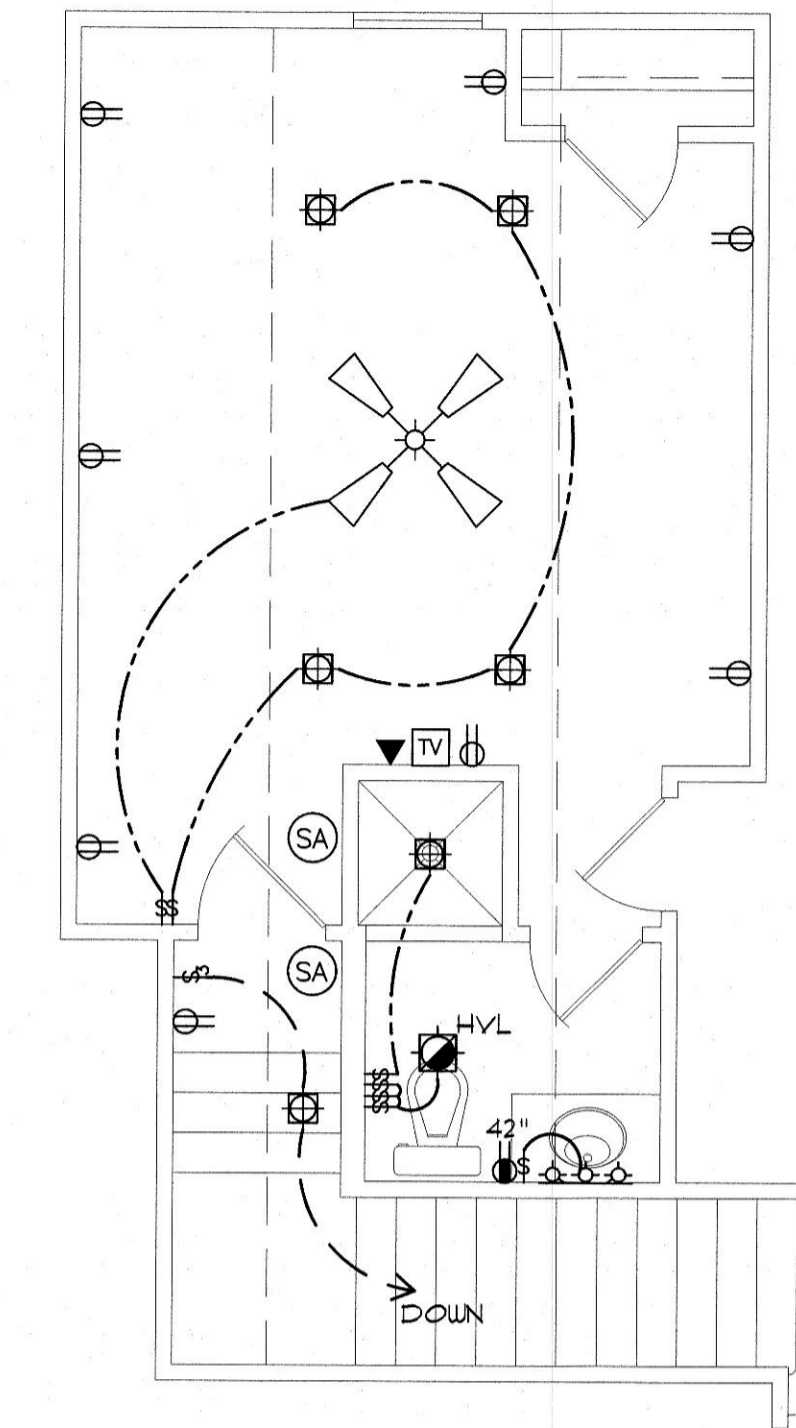
- E3602.0 EMERGENCY DISCONNECTS - FOR ONE AND TWO FAMILY DWELLING UNITS, ALL SERVICE CONDUCTORS SHALL TERMINATE IN DISCONNECTING MEANS HAVING A SHORT-CIRCUIT CURRENT RATING EQUAL TO OR GREATER THAN THE AVAILABLE FAULT CURRENT, INSTALLED IN A READILY ACCESSIBLE OUTDOOR LOCATION. IF MORE THAN ONE DISCONNECT IS PROVIDED, THEY SHALL BE GROUPED. EACH DISCONNECT SHALL BE ONE OF THE FOLLOWING:
 1. SERVICE DISCONNECTS MARKED AS FOLLOWS: "EMERGENCY DISCONNECT, SERVICE DISCONNECT"
 2. METER DISCONNECT SWITCHES THAT HAVE A SHORT-CIRCUIT CURRENT RATING EQUAL TO OR GREATER THAN THE AVAILABLE FAULT CURRENT AND ALL METAL HOUSINGS AND SERVICE ENCLOSURES ARE GROUNDED IN ACCORDANCE WITH SECTION E3902.1 AND BONDED IN ACCORDANCE WITH SECTION 3603. A METER DISCONNECT SWITCH SHALL BE CAPABLE OF INTERRUPTING THE LOAD SERVED AND SHALL BE MARKED AS FOLLOWS: "EMERGENCY DISCONNECT, METER DISCONNECT, NOT SERVICE EQUIPMENT"
 3. OTHER LISTED DISCONNECT SWITCHES OR CIRCUIT BREAKERS ON THE SUPPLY SIDE OF EACH SERVICE DISCONNECT THAT ARE SUITABLE FOR USE AS SERVICE EQUIPMENT AND MARKED AS FOLLOWS: "EMERGENCY DISCONNECT, NOT SERVICE EQUIPMENT"
- E3902.3 LAUNDRY AREAS - 125 VOLT THROUGH 250 VOLT RECEPTACLES INSTALLED IN LAUNDRY AREAS AND SUPPLIED BY SINGLE-PHASE BRANCH CIRCUITS RATED 150 VOLTS OR LESS TO GROUND SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL. (NEC 210.2(A)(12))
- E3902.11 KITCHEN DISHWASHER BRANCH CIRCUIT - GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION SHALL BE PROVIDED FOR OUTLETS SUPPLIED BY BRANCH CIRCUITS RATED 150 VOLTS OR LESS TO GROUND THAT SUPPLY DISHWASHERS IN DWELLING UNIT LOCATIONS. (NEC 422.5(A))
- E3606.5 SURGE PROTECTION - ALL SERVICES SUPPLYING ONE AND TWO FAMILY DWELLING UNITS SHALL BE PROVIDED WITH A SURGE PROTECTIVE DEVICE (SPD) INSTALLED IN ACCORDANCE WITH SECTIONS E3606.5.1 THROUGH E3606.5.3
- E3606.5.1 LOCATION - THE SPD SHALL BE AN INTEGRAL PART OF THE SERVICE EQUIPMENT OR SHALL BE LOCATED IMMEDIATELY ADJACENT THERETO. EXCEPTION, THE SPD SHALL NOT BE REQUIRED TO BE LOCATED IN THE SERVICE EQUIPMENT IF LOCATED AT EACH NEXT LEVEL DISTRIBUTION EQUIPMENT DOWNSTREAM TOWARD THE LOAD.
- E3606.5.2 TYPE - THE SPD SHALL BE A TYPE 1 OR TYPE 2 SPD.

ELECTRICAL SYMBOL LEGEND

IV	CABLE OUTLET	□	ELEC. DOOR BELL	⊗	LED RECESSED LIGHT
▼	WIRED ETHERNET OUTLET	CH	DOORBELL CHIME	▬	LIGHT FIXTURE - LED
⊕	RECEPTACLE, 15A, 125V, 2 POLE 3 WIRE, GROUNDED, DUPLEX	⌞	DIMMER SWITCH	⊙ SA	SMOKE ALARM - 110V ELEC. W/ CARBON MONOXIDE DETECTOR
⊕	FLOOR DUPLEX RECEPTACLE	⊕	LIGHT FIXTURE, LED CEILING MOUNTED	⊕	VANITY LIGHT
⊕	GROUND-FAULT-CIRCUIT-INTERLIFT RECEPTACLE-USE SQUARE D QUICK GUARD FOR WP LOCATIONS	⊕	LIGHT FIXTURE, LED EXTERIOR FLOODS	HVL	HEAT/VENT/LIGHT
⊕ 220	RECEPTACLE, 50A, 220V, 2 POLE 3 WIRE, GROUNDED	⊕	CEILING FAN W/ LIGHT - PROVIDE SEPERATE SWITCHES FOR F & L	⊕	VENT/LIGHT ONLY
⊕	TOGGLE SWITCH, SINGLE POLE, 15A	⊕	LIGHT FIXTURE - CHANDELIER W/ LED BULBS	VHL	VENT/LIGHT RECESSED CAN
⊕	TOGGLE SWITCH, 3 WAY, 15A	⊕		⊕	SCONCE LIGHT
⊕	BRONZE UP LIGHTS (NUVO 6" LANDSCAPE)			⊕	WALL MOUNT ELECTRIC LANTERN



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



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

PRE-WIRE FOR THE FOLLOWING:

- TELEPHONE (ONE INCOMING LINE)
- CABLE VISION (ONE OUTLET PER ROOM MINIMUM)
- SECURITY SYSTEM - COORDINATE W/ OWNER
- COORDINATE ELECTRICAL SYSTEM WITH MECHANICAL CONTRACTOR
- ALL WIRING TO BE COPPER MIN. 12/2 W/ GROUND
- VERIFY LOCATION OF FLOOR OUTLETS IN FAMILY ROOM
- PROVIDE 110V OUTLET FOR GARBAGE DISPOSAL UNDER KITCHEN SINK
- PROVIDE 110V OUTLET FOR WHIRLPOOL TUB MOTOR UNDER WHIRLPOOL TUB IN MASTER BATH IF APPLICABLE
- PROVIDE 220V OUTLET FOR CLOTHES DRYER
- COORDINATE SURROUND SYSTEM W/ OWNER

ELECTRICAL NOTES:

- MAIN FEED INTO HOUSE TO BE TRENCHED UNDERGROUND FROM SUPPLY POLE TO METER THEN MAIN DISCONNECT OUTSIDE.
- ALL SMOKE DETECTORS TO BE ELECTRIC POWERED WITH BATTERY BACKUP AND WIRED TO SET ALL ALARMS OFF IF ONE IS TRIPPED.
- ALL EXTERIOR, KITCHEN, AND BATH OUTLETS TO BE GROUND FAULT CIRCUIT INTERRUPTER EQUIPPED AND ON A SEPARATE CIRCUIT.
- ELECTRICAL DISCONNECTS ARE TO BE AT A/C UNIT, CONDENSING UNIT, AND WATER HEATER.
- HEAT VENT LIGHTS ARE TO BE ON A SEPARATE CIRCUIT.
- OUTLETS, INCLUDING PHONE AND CABLE, MAY BE ADDED OR CHANGED UPON OWNERS REQUEST.
- ELECTRICAL CONTRACTOR TO VERIFY EQUIPMENT TYPE AND SIZE.
- INSTALL LIGHTS IN ATTIC SPACE W/ SWITCH AT FOOT OF DISP. STAIRS
- ELECTRICAL SERVICE TO BE A 42 CIRCUIT 200 AMP MAIN LOCATED IN THE UTILITY.
- A SUB-PANEL MAY NEED TO BE ADDED FOR ENOUGH CIRCUITS.
- HOUSE TO BE WIRED FOR A SECURITY SYSTEM.
- ALL KITCHEN OUTLETS ARE TO BE GFI EXCEPT APPLIANCE OUTLETS NOT EASILY ACCESSIBLE.
- ARC FAULT BREAKERS ARE TO BE USED IN ALL BEDROOMS.
- IF GAS FIRED APPLIANCES ARE USED IN HOME, CARBON MONOXIDE ALARMS ARE NEEDED (IRC R315).

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RESIDENCE OF
JONAH BLANKENSHIP

Project
MADDEN HOME DESIGN
 8375 Rushing Road
 Denham Springs, Louisiana
 70726
 Phone: (225) 791-2912
A | B D

Project No.: Myrtle Beach - Mirror (Garage)
 DATE: JULY 12, 2024
 DRAWN BY: Steven Madden
 DESIGNED BY: Steven Madden

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 Sheet Title
ELECTRICAL PLAN

Sheet:
 Preliminary Dwg.
 Bidding Doc.
 Construction Doc.
E1.0



The Myrtle Beach

GENERAL NOTES:

- ALL KITCHEN AND UTILITY COUNTERTOPS ARE SHOWN AS 2'-0" WIDE UNLESS STATED OTHERWISE.
- ALL BATHROOM LAVATORY COUNTERTOPS SHOWN AS 1'-10" WIDE.
- ATTIC SPACES MUST PROVIDE 1 SQ. FT. VENTILATION PER 150 SQ. FT. OF AREA UNLESS OTHERWISE SPECIFIED. (ATTIC R302)
- ALL INTERIOR DIMENSIONS ARE FROM STUD FACE TO STUD FACE.
- ALL INTERIOR WALL THICKNESS SHOWN AS 4" UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE COMMENCING WORK.
- DRYER VENT MUST HAVE MAX LENGTH 25'
- PURCHASER OF THIS PLAN ASSUMES LIABILITY FOR ANY MODIFICATIONS MADE TO THE LAYOUT OF THIS PLAN.
- ALL WOOD FRAMING SHALL BE NO. 2 GRADE - SOUTHERN PINE LUMBER. ALL CEILING JOISTS SPANS ARE BASED ON TABLE R302.3 (1) OF THE IRC. 2021 AND ARE DESIGNED FOR ATTICS WITH LIMITED STORAGE. (REFER TO FOUNDATION SHEET FOR SPANS)
- RE: SEC. 308 GLAZING IN HAZARDOUS LOCATIONS 4 TEMPERED GLASS FOR WINDOWS THAT ARE WITHIN 24" OF THE DOOR IN THE CLOSED POSITION, PROVIDING THE WINDOW IS LESS THAN 60" ABOVE THE FLOOR. (R308 IRC 2021)
- MASONRY VENEER SHALL BE ANCHORED TO THE SUPPORTING WALL WITH CORROSION-RESISTANT METAL TIES SPACED NOT MORE THAN 32" ON CENTER HORIZONTALLY AND 24" VERTICALLY AND SHALL SUPPORT NOT MORE THAN 2 1/2 SQ FEET OF WALL PER SECTION R103.8.4) IF APPLICABLE.
- VENT HOOD IN KITCHEN MUST VENT TO THE OUTSIDE. MICROVAPE HOODS MUST VENT TO THE OUTSIDE WHERE APPLICABLE.

WIND ZONE NOTES

- VERIFY WINDOW CODE REQUIREMENTS AT EACH BUILDING LOCATION AND INSTALL WINDOWS AS PER CODE. REQUIREMENTS WILL VARY FROM DOUBLE INSULATED VINYL TO IMPACT RESISTANT DOUBLE INSULATED VINYL WINDOWS.
- ALL WINDOWS SHALL COMPLY WITH THE GOVERNING IRC/IBC. WINDOWS SHALL BE SELECTED BASED UPON THE COMPONENT AND CLADDING DESIGN PRESSURES.
- CONTRACTOR RESPONSIBLE FOR ANCHORAGE OF BOTTOM PLATE AND WALL STUDS TO FOUNDATION IN COMPLIANCE WITH THE GOVERNING EDITION OF IRC/IBC 1603.

HEADER SPANS FOR LOAD BEARING WALLS:

- | | | |
|----------------|-----------|-----------|
| SINGLE STORY: | | 4'-2" MAX |
| • 2 PLY 2"x6" | 5'-4" MAX | |
| • 2 PLY 2"x8" | 7'-6" MAX | |
| • 2 PLY 2"x10" | 1'-6" MAX | |
| 2 STORY: | | |
| • 2 PLY 2"x6" | 3'x1" MAX | |
| • 2 PLY 2"x8" | 4'x6" MAX | |
| • 2 PLY 2"x10" | 6'x2" MAX | |
- 2 PLY 2X6 HEADERS FOR ALL NON-LOAD BEARING WALLS
 • OSB BETWEEN ALL HEADER PLIES
 • NO BOXED HEADERS

REFER TO IRC R602.1 (1) AND (2) FOR ADDITIONAL HEADER AND GIRDER SPANS

NOTE:

ROOF OVERHANG ON NEW CONSTRUCTION TYPICAL 12" FROM FACE OF STUD UNLESS OTHERWISE NOTED.

GENERAL CONTRACTOR TO PROVIDE ADEQUATE ROOF VENTILATION BUILDING SYSTEMS PER IRC CODE (SECTION R302). SYSTEMS TO BE USED TO MEET ROOF VENTILATION REQUIREMENTS ARE AS FOLLOWS: CONTINUOUS RIDGE VENTS, POWER VENTS, BOX VENTS, AND GABLE/DORMER VENTS WHEN APPROVED BY OWNER.

SOFFIT VENTS TO BE USED ONLY IN ACCORDANCE W/ IRC CODE (SECTION R302 AND TABLE R302.1) TO ACCOMMODATE APPROPRIATE FIRE SEPARATION DISTANCES.

GENERAL MATERIALS:

- EXTERIOR WALLS:
 - TYVEK® BUILDING WRAP
 - 1/2" OSB SHEATHING
 - R-13 BATT INSULATION
- INTERIOR WALLS:
 - 2X4 STUDS @ 1'-4" O.C.
 - 1/2" GYPSUM BOARD INTERIOR
- CEILING:
 - 2X JOISTS @ 1'-4" O.C.
 - R38 INSULATION
 - 1/2" GYPSUM BOARD ON BOTH SIDES
- ROOF SYSTEM:
 - 30 YEAR FIBERGLASS SHINGLES
 - 1/2" OSB OR CDX PLYWOOD
 - 19/32 FELT
 - 2X6 RAFTERS @ 2'0" O.C. (CONFIRM W/ LOCAL CODE)

NOTE: ALL ROOFING PRODUCTS, MATERIALS AND INSTALLATION, SHALL COMPLY WITH THE REQUIREMENTS UNLESS CHANGED BY GENERAL CONTRACTOR AT OUR DISCRETION.

PROTECTION AGAINST TERMITES:

- SUBTERRANEAN TERMITE CONTROL IN AREAS FAVORABLE TO TERMITE DAMAGE METHODS OF PROTECTION SHALL BE BY CHEMICAL SOIL TREATMENT, PRESSURE-TREATED WOOD, NATURALLY TERMITE RESISTANT WOOD OR PHYSICAL BARRIERS (SUCH AS METAL OR PLASTIC TERMITE SHIELDS), OR ANY COMBINATION OF THESE METHODS.
- CHEMICAL SOIL TREATMENT, THE CONCENTRATION RATE OF APPLICATION AND TREATMENT METHOD OF THE TERMITICIDE LABEL.
- PRESSURE-TREATED AND NATURALLY RESISTANT WOOD, HEARTWOOD OF REDWOOD AND EASTERN RED CEDAR SHALL BE CONSIDERED TERMITE RESISTANT. PRESSURE-TREATED WOOD AND NATURALLY TERMITE RESISTANT WOOD SHALL NOT BE USED AS A PHYSICAL BARRIER UNLESS A BARRIER CAN BE INSPECTED FOR ANY TERMITE SHELTER TUBES AROUND THE INSIDE AND OUTSIDE EDGES AND JOINTS OF A BARRIER.
- FIELD TREATMENT: FIELD CUT ENDS, NOTCHES, AND DRILLED HOLES OF PRESSURE-TREATED WOOD SHALL BE RETREATED IN THE FIELD ACCORDING TO AUPA M4.

WINDOW EGRESS NOTES

- R310 - MEANS OF EGRESS, DWELLINGS SHALL BE PROVIDED WITH A MEANS OF EGRESS IN ACCORDANCE WITH THIS SECTION. THE MEANS OF EGRESS SHALL PROVIDE A CONTINUOUS AND UNOBSTRUCTED PATH OF VERTICAL AND HORIZONTAL EGRESS TRAVEL FROM ALL PORTIONS OF THE DWELLING TO THE REQUIRED EGRESS DOOR WITHOUT REQUIRING TRAVEL THROUGH A GARAGE. THE REQUIRED EGRESS DOOR SHALL OPEN DIRECTLY INTO A PUBLIC WAY OR TO A YARD OR COURT THAT OPENS TO A PUBLIC WAY.
- R310.21 - MINIMUM OPENING AREA. EMERGENCY AND ESCAPE RESCUE OPENINGS SHALL HAVE A NET CLEAR OPENING OF NOT LESS THAN 5.7 SQUARE FEET (0.530 M²). THE NET CLEAR OPENING DIMENSIONS REQUIRED BY THIS SECTION SHALL BE OBTAINED BY THE NORMAL OPERATION OF THE EMERGENCY ESCAPE AND RESCUE OPENING FROM THE INSIDE. THE NET CLEAR HEIGHT OPENING SHALL BE NOT LESS THAN 24 INCHES (610 MM) AND THE NET CLEAR WIDTH SHALL BE NOT LESS THAN 20 INCHES (508 MM). EXCEPTION: GRADE FLOOR OR BELOW GRADE OPENINGS SHALL HAVE A NET CLEAR OPENING OF NOT LESS THAN 5 SQUARE FEET (0.465 M²).
- R310.23 - WINDOW SILL HEIGHT. WHERE A WINDOW IS PROVIDED AS THE EMERGENCY ESCAPE AND RESCUE OPENING, IT SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES (1118 MM) ABOVE THE FLOOR, WHERE THE SILL HEIGHT IS BELOW GRADE, IT SHALL BE PROVIDED WITH A WINDOW WELL IN ACCORDANCE WITH SECTION R310.41.
- R310.41 - WINDOW WELLS. THE HORIZONTAL AREA OF THE WINDOW WELL SHALL BE NOT LESS THAN 9 SQUARE FEET (0.83 M²) WITH A HORIZONTAL PROJECTION AND WIDTH OF NOT LESS THAN 36 INCHES (914 MM). THE AREA OF THE WINDOW WELL SHALL ALLOW THE EMERGENCY ESCAPE AND RESCUE OPENING TO BE FULLY OPENED. EXCEPTION: THE LADDER OR STEPS REQUIRED BY SECTION R310.42 - SHALL BE PERMITTED TO ENCRoACH NOT MORE THAN 6 INCHES (152 MM) INTO THE REQUIRED DIMENSIONS OF THE WINDOW WELL.
- R310.42 - LADDER AND STEPS. WINDOW WELLS WITH A VERTICAL DEPTH GREATER THAN 44 INCHES (1118 MM) SHALL BE EQUIPPED WITH A PERMANENTLY AFFIXED LADDER OR STEPS USABLE WITH THE WINDOW IN THE FULLY OPEN POSITION. LADDERS OR STEPS REQUIRED BY THIS SECTION SHALL NOT BE REQUIRED TO COMPLY WITH SECTION R311.1. LADDERS OR RUNGS SHALL HAVE AN INSIDE WIDTH OF NOT LESS THAN 12 INCHES (305 MM). SHALL PROJECT NOT LESS THAN 3 INCHES (76 MM) FROM THE WALL AND SHALL BE SPACED NOT MORE THAN 18 INCHES (457 MM) ON CENTER VERTICALLY FOR THE FULL HEIGHT OF THE WINDOW WELL.
- R312.2 - WINDOW FALL PROTECTION. WINDOW FALL PROTECTION SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS R312.21 AND R312.22.
- R312.21 - WINDOW OPENING HEIGHT. IN DWELLING UNITS, WHERE THE TOP OF THE SILL OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24 INCHES (610 MM) ABOVE THE FINISHED FLOOR AND GREATER THAN 12 INCHES (305 MM) ABOVE THE FINISHED GRADE OR OTHER SURFACE BELOW ON THE EXTERIOR OF THE BUILDING, THE OPERABLE WINDOW SHALL COMPLY WITH ONE OF THE FOLLOWING:
 - OPERABLE WINDOW OPENINGS WILL NOT ALLOW A 4-INCH-DIAMETER (102 MM) SPHERE TO PASS THROUGH THE OPENING WHERE THE OPENINGS ARE IN THEIR LARGEST OPENED POSITION.
 - OPERABLE WINDOWS ARE PROVIDED WITH WINDOW FALL PREVENTION DEVICES THAT COMPLY WITH ASTM F2090.
- R312.22 - EMERGENCY ESCAPE AND RESCUE OPENINGS. WINDOW OPENING CONTROL DEVICES SHALL COMPLY WITH ASTM F 2090. THE WINDOW OPENING CONTROL DEVICE, AFTER OPERATION TO RELEASE THE CONTROL DEVICE ALLOWING THE WINDOW TO FULLY OPEN, SHALL NOT REDUCE THE NET CLEAR OPENING AREA OF THE WINDOW UNIT TO LESS THAN THE AREA REQUIRED BY SECTIONS R310.21 AND R310.22.

CODE DISCLAIMER:

- THESE PLANS WERE DESIGNED TO MEET IRC 2021 AT THE TIME OF THEIR CREATION AND MORE SPECIFICALLY THE MINIMAL LOCAL CODES OF THE SOUTH LOUISIANA AREA. IT IS HIGHLY RECOMMENDED THAT THESE PLANS BE REVIEWED BY A LOCAL STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION.
- BEAMS AND FLOOR JOISTS ARE NOT SIZED DUE TO THE MANY GEOGRAPHIC LOCATIONS THESE PLANS ARE SOLD. THESE ITEMS SHALL BE SIZED BY A LOCAL ENGINEER OR MANUFACTURER.
- ALL CEILING & FLOOR JOISTS (IF CONVENTIONAL FRAMING) SHOULD BE SIZED USING THE LATEST VERSION OF THE IRC OR APPLICABLE CODES AT SITE TO MEET THE LOCAL REQUIREMENTS SUCH AS SNOW LOADS AND OTHER FACTORS. THE CEILING JOIST SIZES LABELED (IF PRESENT) WERE SIZED USING THE 2021 IRC AT THE TIME OF THEIR CREATION. THEY MUST BE VERIFIED AND MODIFIED AS REQUIRED TO MEET THE LATEST EDITION OF THE (IRC) INTERNATIONAL RESIDENTIAL CODE.
- ALL FOUNDATION AND FOOTING DETAILS SHALL BE REVIEWED AND APPROVED BY A LOCAL ENGINEER.
- CONTRACTOR SHALL PROVIDE ALL HIGH WIND STRAPPING AND ANCHOR BOLTS AS REQUIRED BY THE LOCAL CODE REQUIREMENTS AND THE LATEST VERSION OF THE IRC.

RESIDENCE OF
**JONAH
 BLANKENSHIP**

Project

MADDEN HOME DESIGN
 8375 Rushing Road
 Denham Springs, Louisiana
 70726
 Phone: (225) 791-2912

A **BD**

Project No.: Myrtle Beach - Mirror
 (Garage)

DATE: JULY 12, 2024

DRAWN BY: Steven Madden

DESIGNED BY: Steven Madden

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COVER SHEET

- Preliminary Dwg.
- Bidding Doc.
- Construction Doc.

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 Jonah Blakenship
 Job #28141

81-01-00

