



The Windsor Creek

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 50 SQ. FT. OF AREA UNLESS OTHERWISE SPECIFIED. (ATTICS R306)
- 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.
- GUARDS AND RAILINGS SHALL COMPLY WITH IRC 2018, R312.11 AND R312.12. INSECT SCREENING SHALL NOT BE CONSIDERED AS A GUARD.
- 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 (2) OF THE IRC. 2018 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. 2018)
- MASONRY VENEER SHALL BE ANCHORED TO THE SUPPORTING WALL WITH CORROSION-RESISTANT METAL TIES SPACED NOT MORE THAN 32" ON CENTER HORIZONTALLY AND 24" ON CENTER VERTICALLY AND SHALL SUPPORT NOT MORE THAN 2.61 SQ. FEET OF WALL PER SECTION R103.8.4.1
- VENT HOOD IN KITCHEN MUST VENT TO THE OUTSIDE. MICROWAVE HOODS MUST VENT TO THE OUTSIDE WHERE APPLICABLE.
- DRYER VENT MUST HAVE MAX LENGTH 25'
- ALL RETURN AIR GRILLS ARE TO BE LOCATED TO COMPLY WITH SECTION M1602 OF THE IRC 2018.

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 1609. SEE TABLE R301.2.12 OF IRC 2018.

HEADER SPANS FOR LOAD BEARING WALLS:

- SINGLE STORY:**
- 2 FLY 2X6" 4'-2" MAX
 - 2 FLY 2X8" 5'-4" MAX
 - 2 FLY 2X10" 7'-6" MAX
- 2 STORY:**
- 2 FLY 2X6" 3'X1" MAX
 - 2 FLY 2X8" 4'X6" MAX
 - 2 FLY 2X10" 6'X2" MAX
- 2 FLY 2X6 HEADERS FOR ALL NON-LOAD BEARING WALLS
- OSB BETWEEN ALL HEADER PLIES
 - NO BOXED HEADERS

REFER TO IRC R302.5 (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 R306.1) 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:
 - REINFORCED CEMENTITIOUS SIDING
 - "TYVEK" BUILDING WRAP
 - 1/2" O.S.B. SHEATHING
 - R-13 BATT INSULATION
- INTERIOR WALLS:
 - 2X4 STUDS @ 1'-4" O.C.
 - 1/2" GYPSUM BOARD
- CEILING:
 - 2X JOISTS @ 1'-4" O.C.
 - R38 INSULATION
- ROOF SYSTEMS:
 - 30 YEAR FIBERGLASS SHINGLES
 - 5/8" O.S.B. OR CDX FLYWOOD
 - 15" 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 OWN 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 AS PER IRC 2018, R310.12

WINDOW EGRESS NOTES

- R310.1 - 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.
- R310.2.1 - 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).
- R310.2.2 - 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 R310.2.3.
- R310.2.3 - 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 R310.2.3.1 SHALL BE PERMITTED TO ENCRoACH NOT MORE THAN 6 INCHES (152 MM) INTO THE REQUIRED DIMENSIONS OF THE WINDOW WELL.
- R310.2.3.1 - 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 SECTIONS R311 AND R312. LADDERS OR RINGS 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 R312.1 AND R312.2.
- R312.1 - WINDOW SILLS, 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 WINDOWS WITH OPENINGS THAT WILL NOT ALLOW A 4-INCH-DIAMETER (102 MM) SPHERE TO PASS THROUGH THE OPENING WHERE THE OPENING IS IN ITS LARGEST OPENED POSITION.
 - OPERABLE WINDOWS THAT ARE PROVIDED WITH WINDOW FALL PREVENTION DEVICES THAT COMPLY WITH ASTM F 2090.
 - OPERABLE WINDOWS THAT ARE PROVIDED WITH WINDOW OPENING CONTROL DEVICES THAT COMPLY WITH SECTION R312.2.
- R312.2 - WINDOW OPENING CONTROL DEVICES, 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 SECTION R310.2.1

CODE DISCLAIMER:

- THESE PLANS WERE DESIGNED TO MEET IRC 2018 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 4 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 2018 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

RON TUTOR
GLENWOOD BLDERS LLC

Project

MADDEN
HOME DESIGN

8375 Rushing Road
Dentham Springs, Louisiana
70726

Phone: (225) 791-2912

A | **B D**[®]

Project No.: Windsor Creek

DATE: JULY 6, 2022

DRAWN BY: Steven Madden

DESIGNED BY: Steven Madden

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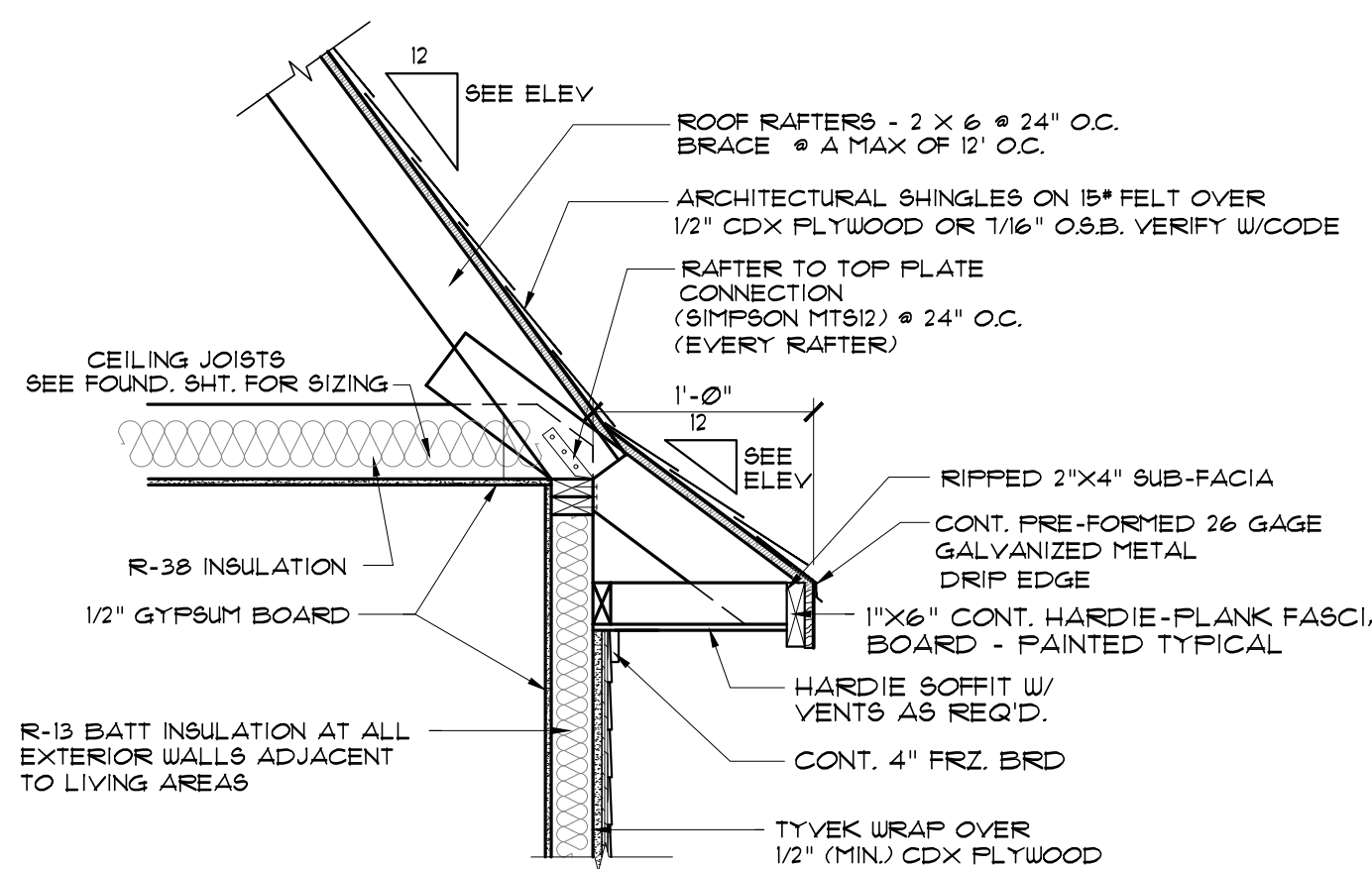
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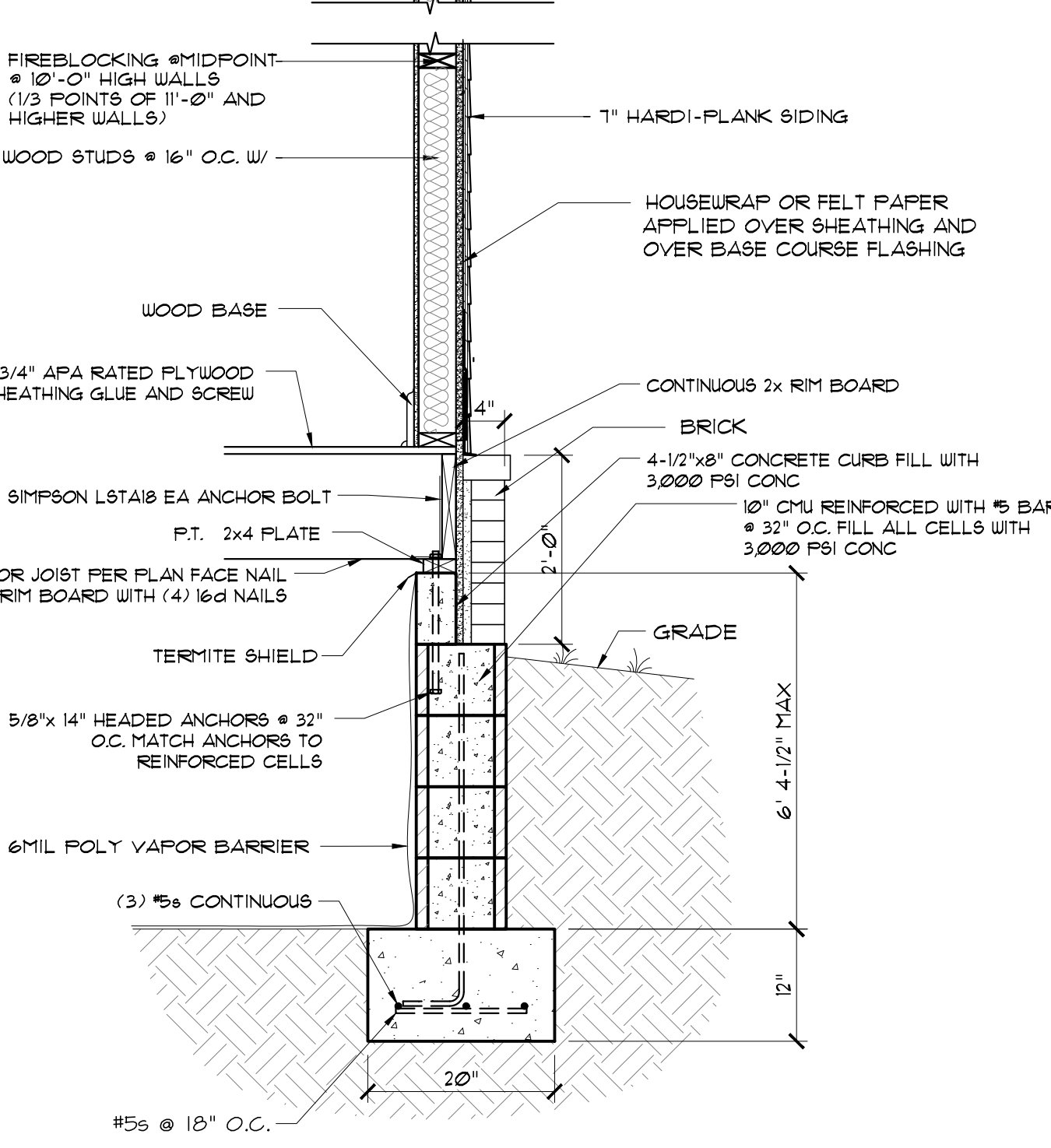
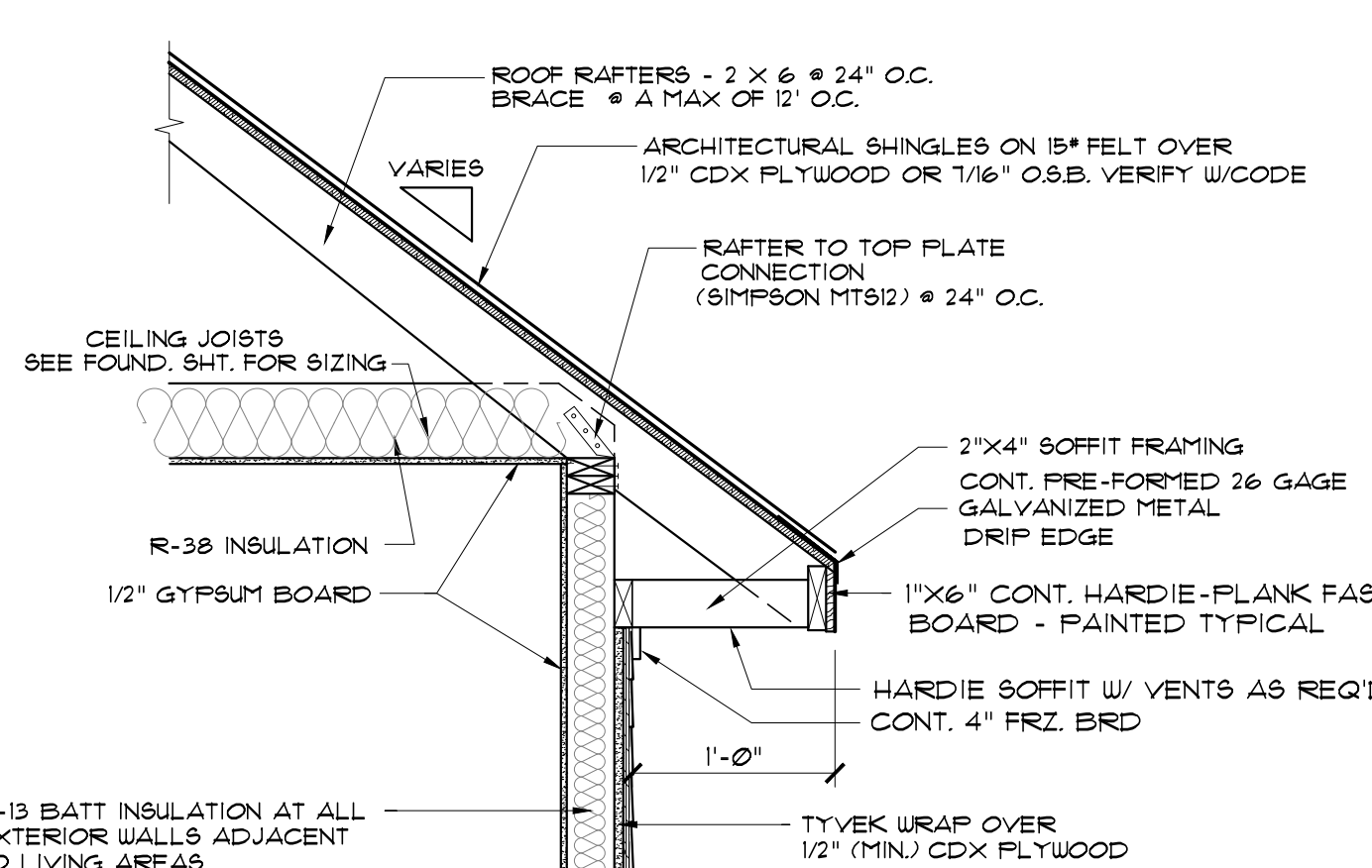
COVER SHEET

- Sheet:
- Preliminary Dwg.
 - Bidding Doc.
 - Construction Doc.

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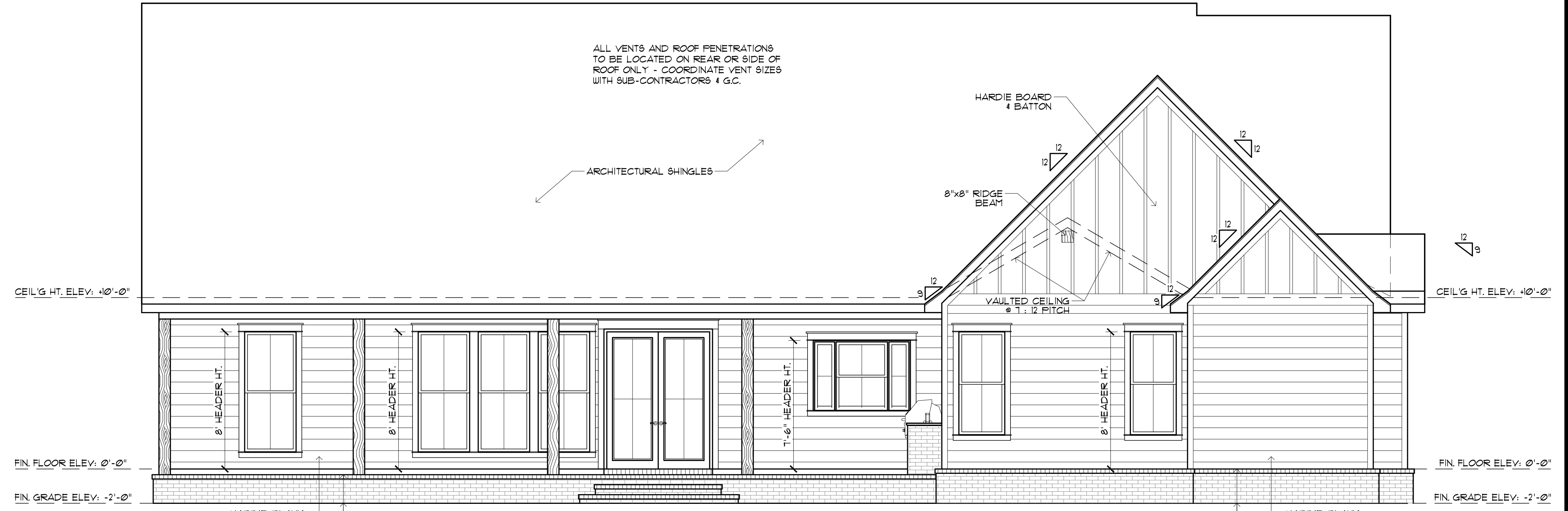


EAVE DETAIL - BELL ROOF
SCALE: 3/4" = 1'-0"



**TYPICAL WALL SECTION
HARDY-PLANK SIDING**
SCALE: 3/4" = 1'-0"

ATTIC VENTILATION:
THE TOTAL NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1/30 OF THE AREA OF THE SPACE VENTILATED EXCEPT THAT A REDUCTION OF THE TOTAL AREA TO 1/60 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. R206 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



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

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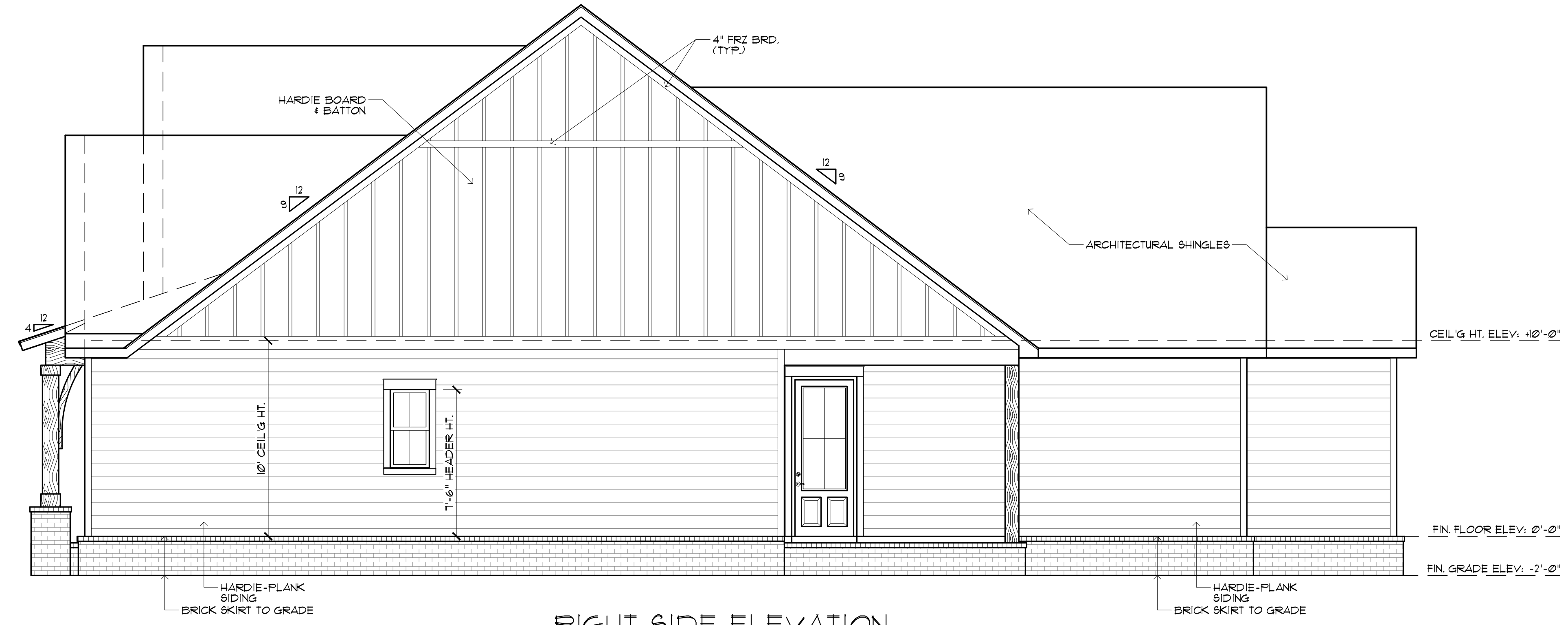
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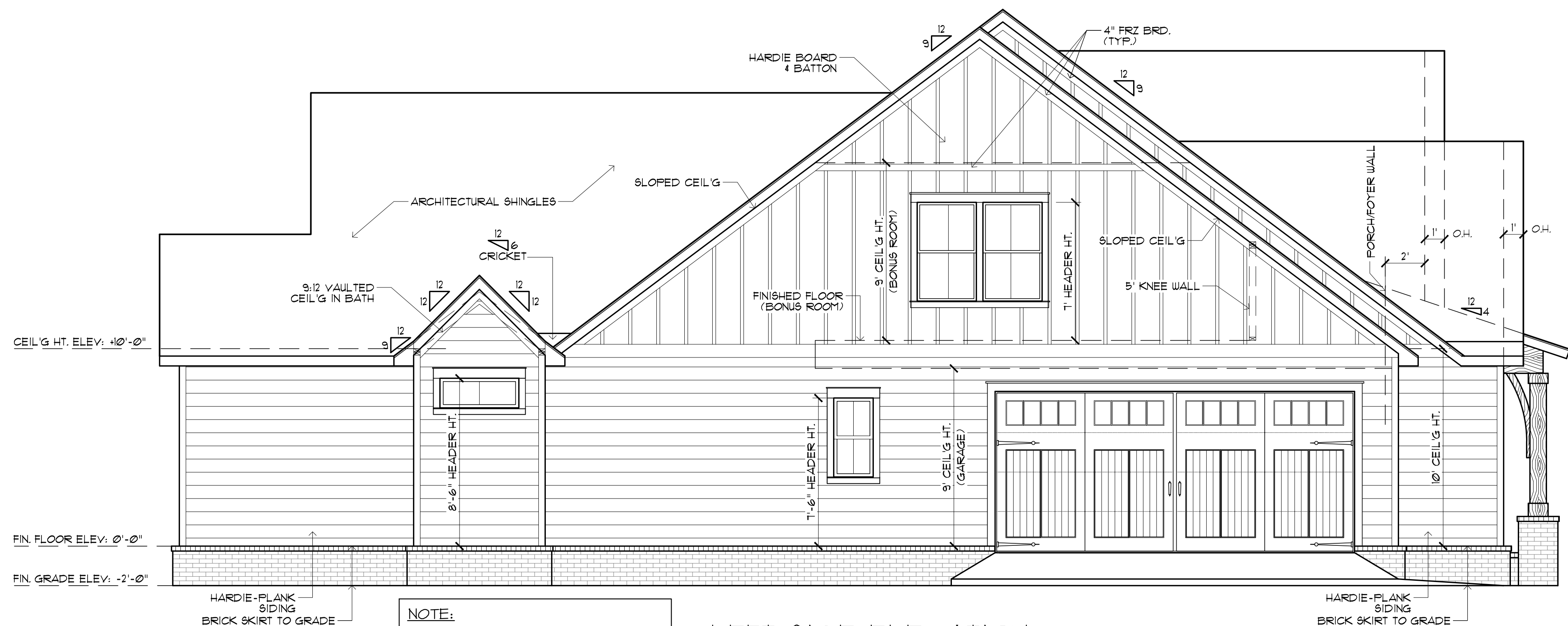
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FRONT & REAR ELEVATIONS

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A2.0



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



LEFT SIDE 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

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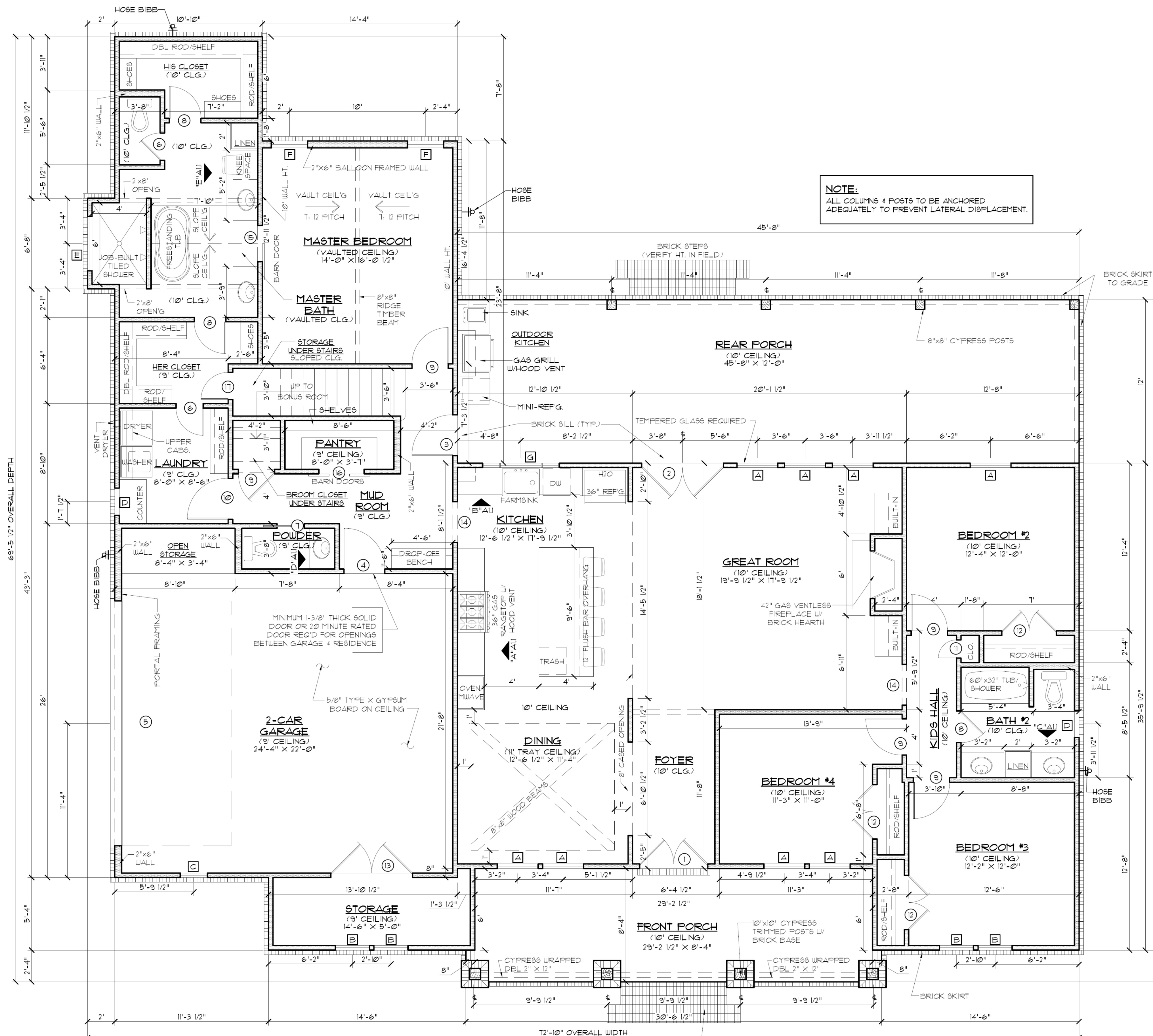
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SIDE ELEVATIONS

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NOTE:
ALL COLUMNS & POSTS TO BE ANCHORED ADEQUATELY TO PREVENT LATERAL DISPLACEMENT.

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.

DOOR SCHEDULE			
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 8'0"	EXTERIOR 4 LITE 1/2 FRENCH WOOD DOOR	1
4	3'0" X 8'0"	EXTERIOR 6 PANEL METAL DOOR	1
5	2'0" X 8'0"	EXTERIOR OVERHEAD METAL GARAGE DOOR W/ OPENER	1
6	2'0" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	2
7	2'0" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	1
8	2'4" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	3
9	2'8" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	5
10	3'0" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOOR	1
11	1'6" X 8'0"	INTERIOR HORIZONTAL PANEL H.C. MASONITE DOOR	1
12	DBL 2'0" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOORS	3 PAIR
13	DBL 3'0" X 8'0"	INTERIOR HORIZONTAL 6 PANEL H.C. MASONITE DOORS	1 PAIR
14	3'0" X 8'0"	CASED OPENING	2
15	2'8" X 8'0"	INTERIOR BARN DOOR - OWNER SELECT	1
16	DBL 1'6" X 8'0"	INTERIOR BARN DOORS - OWNER SELECT	1 PAIR
17	2'0" X 6'8"	INTERIOR HORIZONTAL PANEL H.C. MASONITE DOOR	1
18	2'8" X 6'8"	INTERIOR HORIZONTAL PANEL H.C. MASONITE DOOR	1
19	2'8" X 6'8"	HORIZONTAL 6 PANEL SOLID CORE MASONITE ATTIC ACCESS DOOR	1

WINDOW SCHEDULE			
MARK	OPENING SIZE	DESCRIPTION	QTY.
A	3'0" X 1'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	8
B	2'6" X 6'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	4
C	2'0" X 3'0"	4 LITE VINYL FIXED WINDOW INSULATED	1
D	2'0" X 4'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	2
E	4'0" X 1'6"	2 LITE VINYL FIXED TRANSOM WINDOW INSULATED	1
F	2'8" X 6'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	2
G	5'6" X 4'0"	(1) 3'0" 2/2 SH. INSULATED WINDOW W/ 12" SIDELITES	1
H	2'0" X 2'0"	4 LITE VINYL FIXED WINDOW INSULATED (SEE SHEET A2.0)	2
J	2'0" X 4'0"	4 LITE VINYL FIXED WINDOW INSULATED (SEE SHEET A2.0)	2
K	2'8" X 5'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	2

SQUARE FOOTAGE	
MAIN LIVING	2326
FRONT PORCH	246
REAR PORCH	548
GARAGE/OPEN STORAGE	584
STORAGE	82
TOTAL SQ. FT.	3786
OPTIONAL GAME RM	602
TOTAL LIVING W/ GAME RM	2928
TOTAL UNDER ROOF W/ GAME RM	4380

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

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

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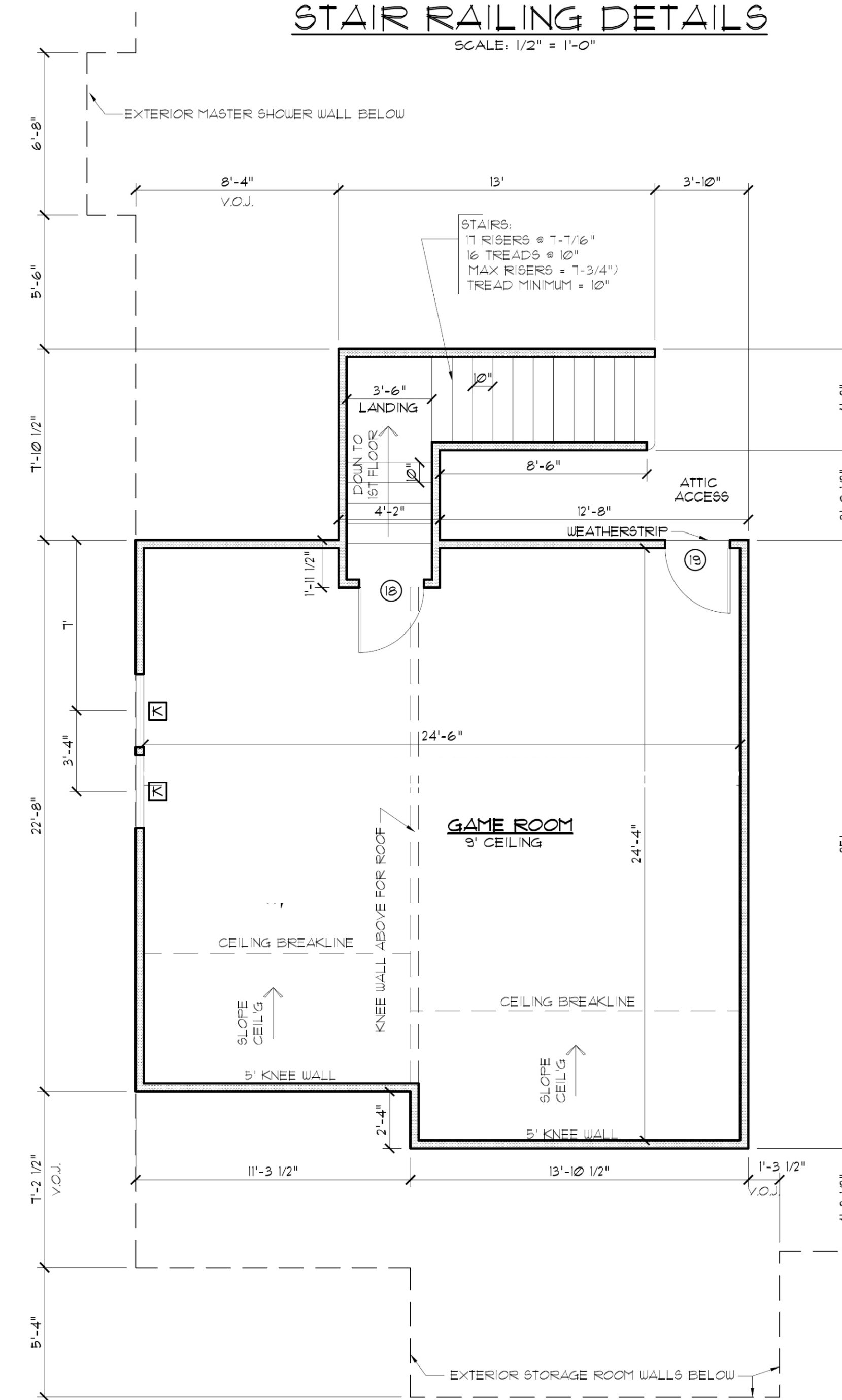
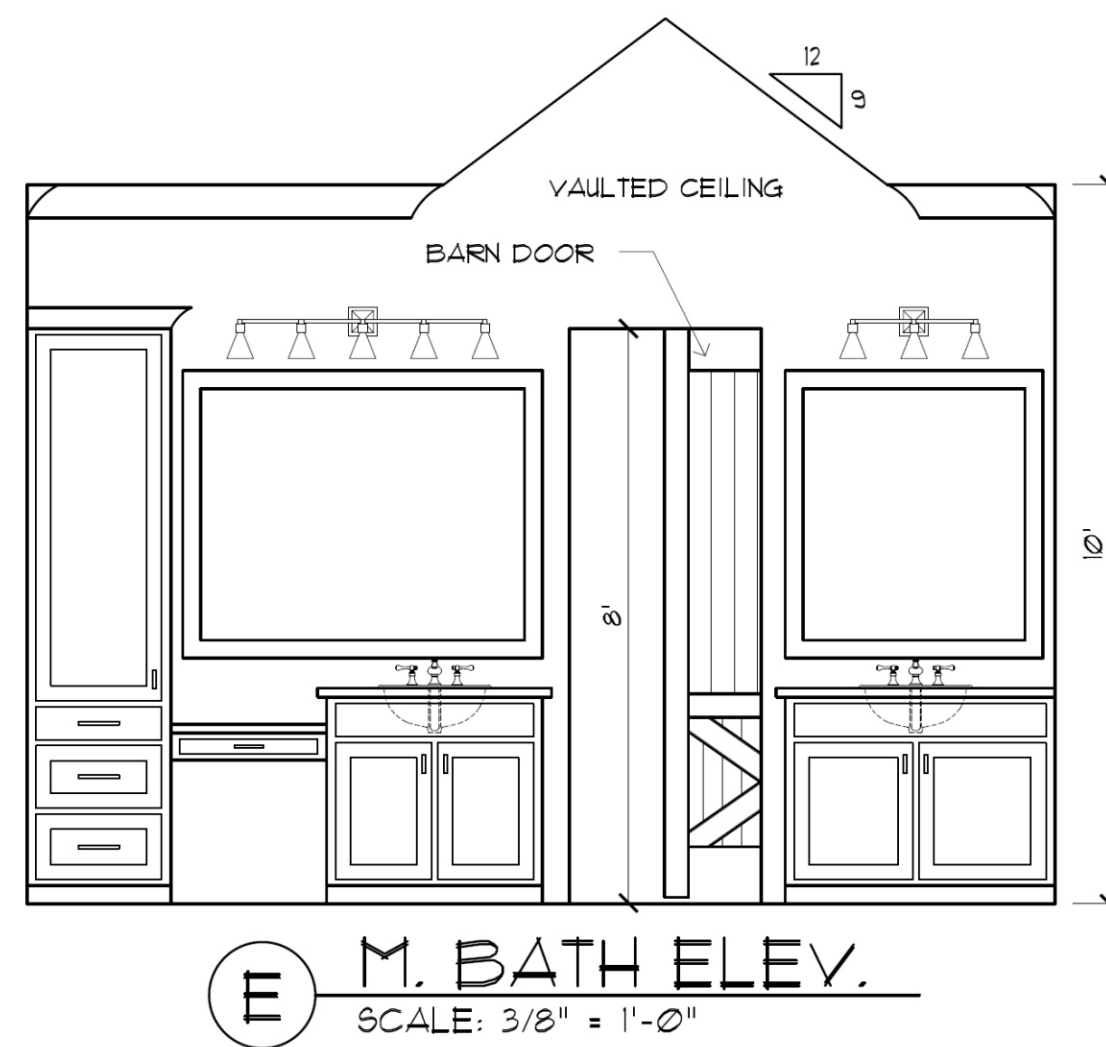
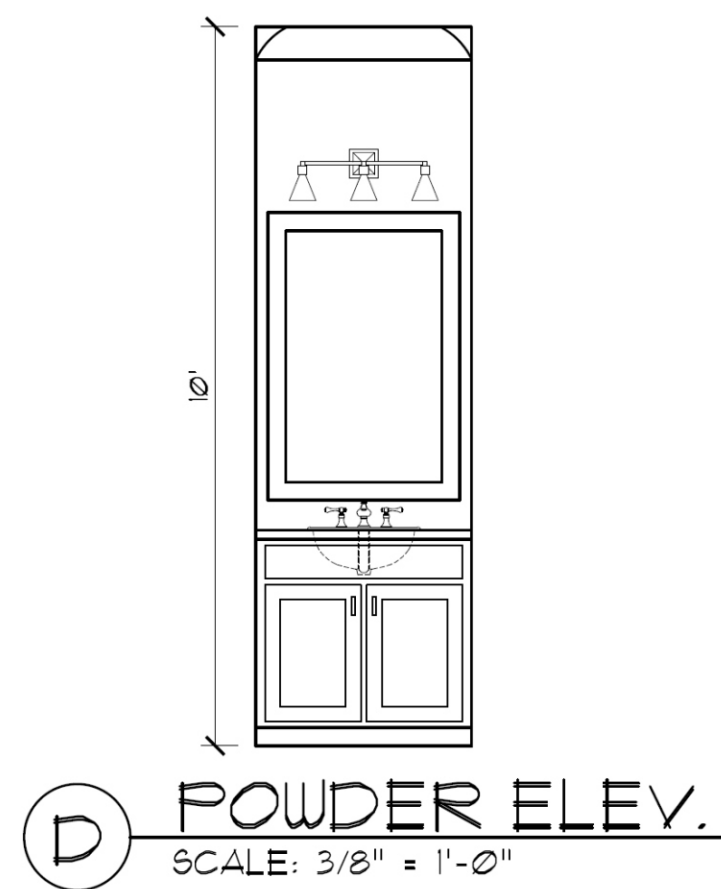
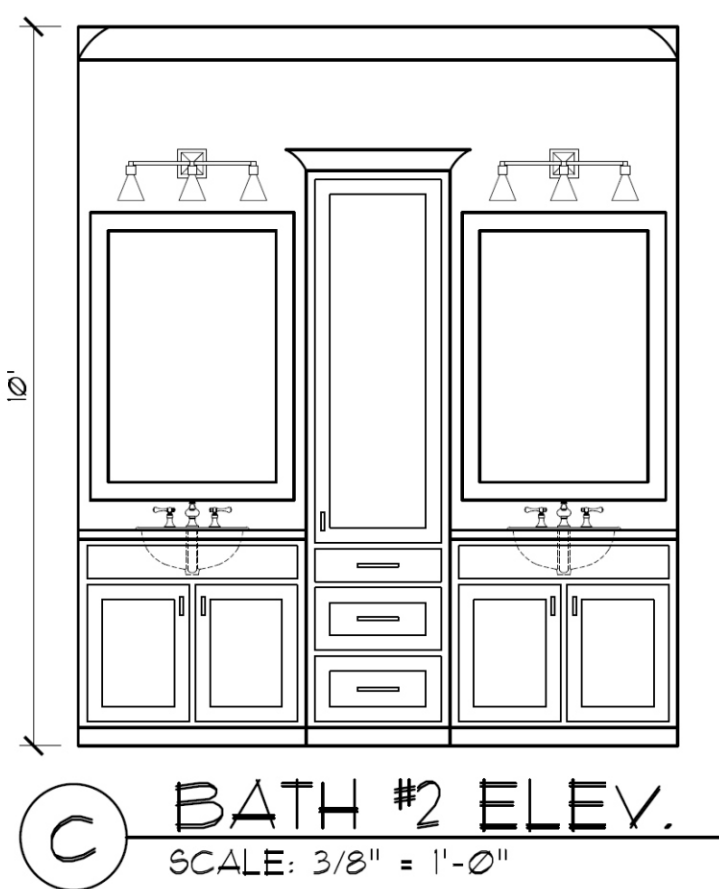
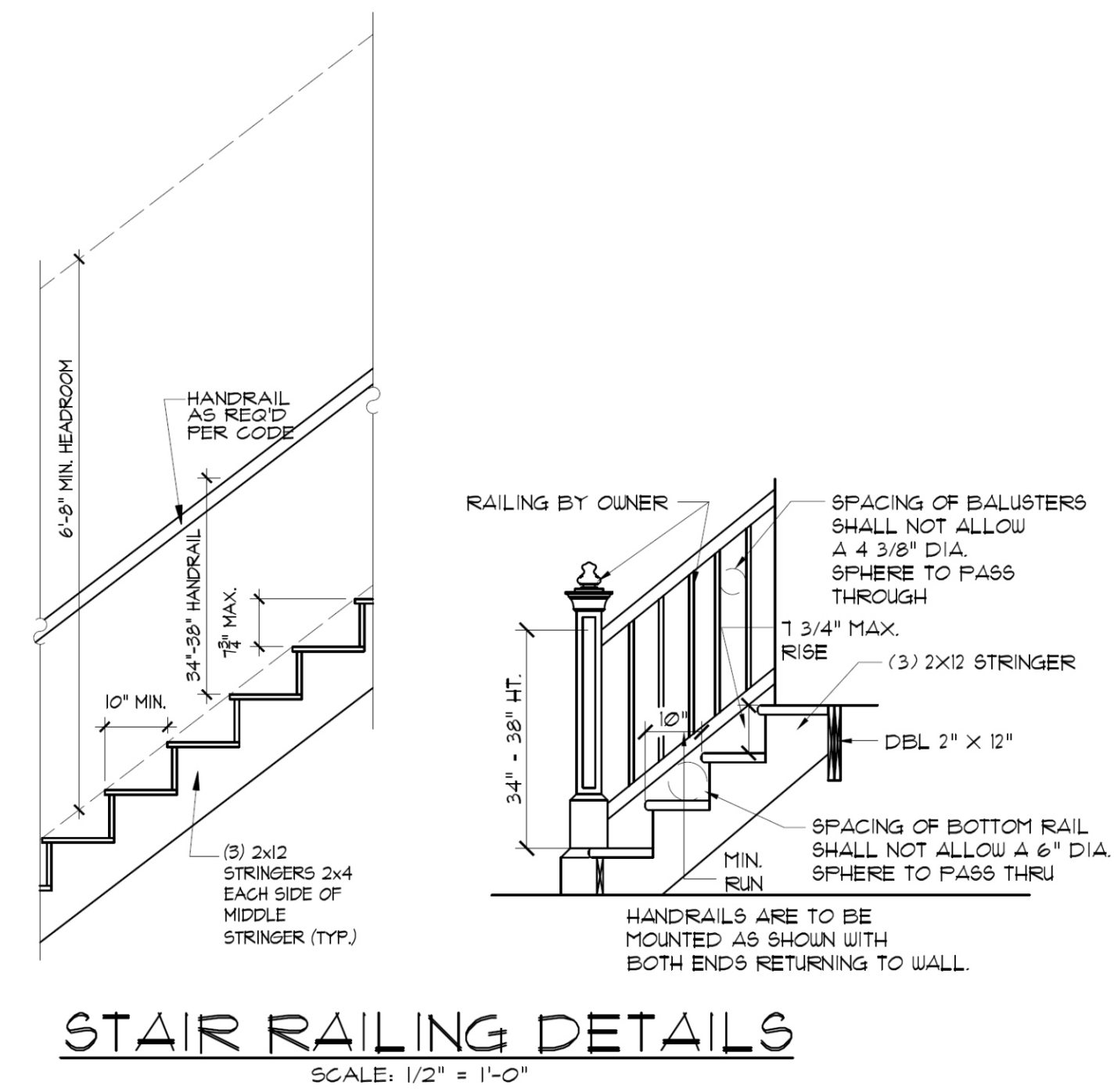
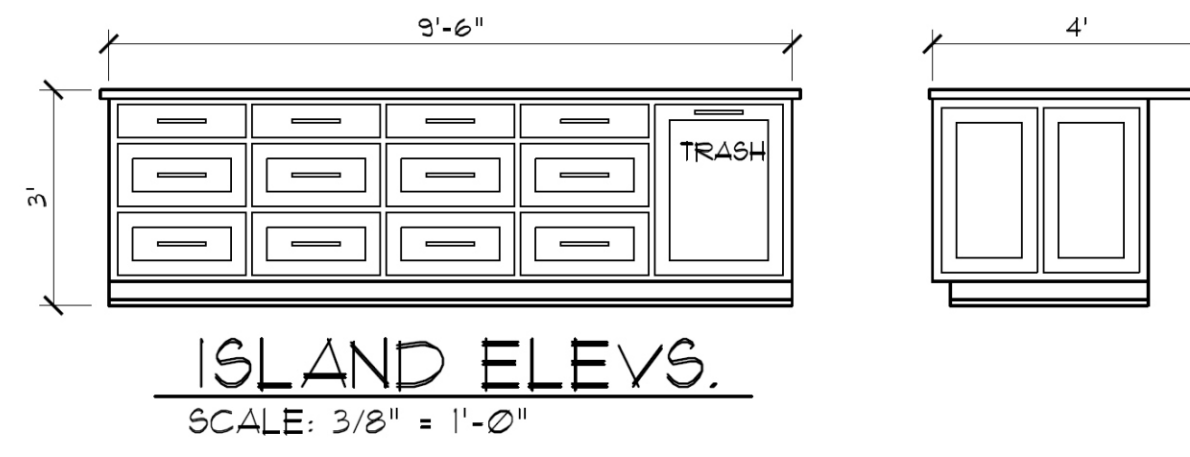
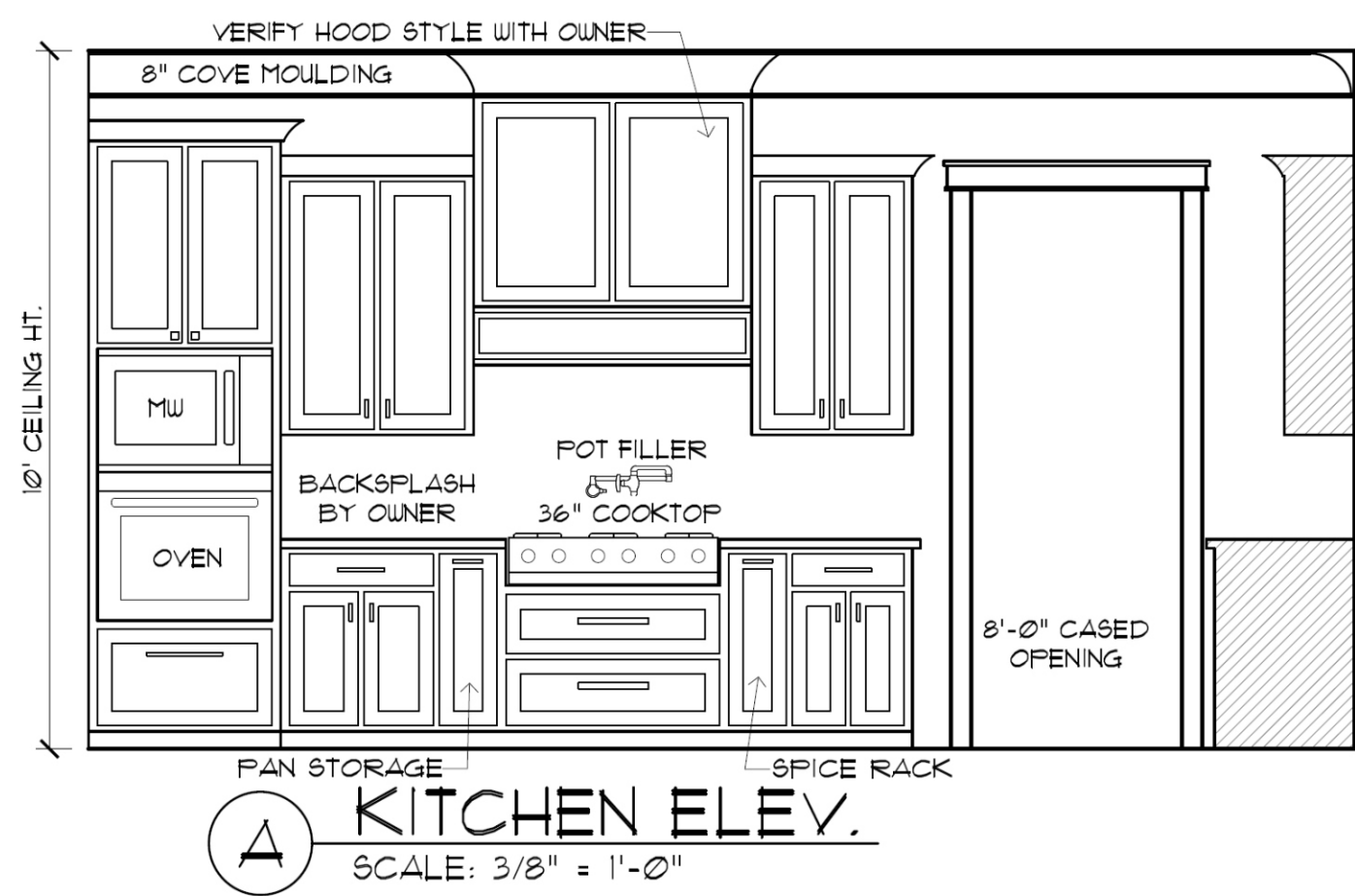
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FLOOR PLAN
PO#23320RT

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

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DESIGNED BY: Steven Madden

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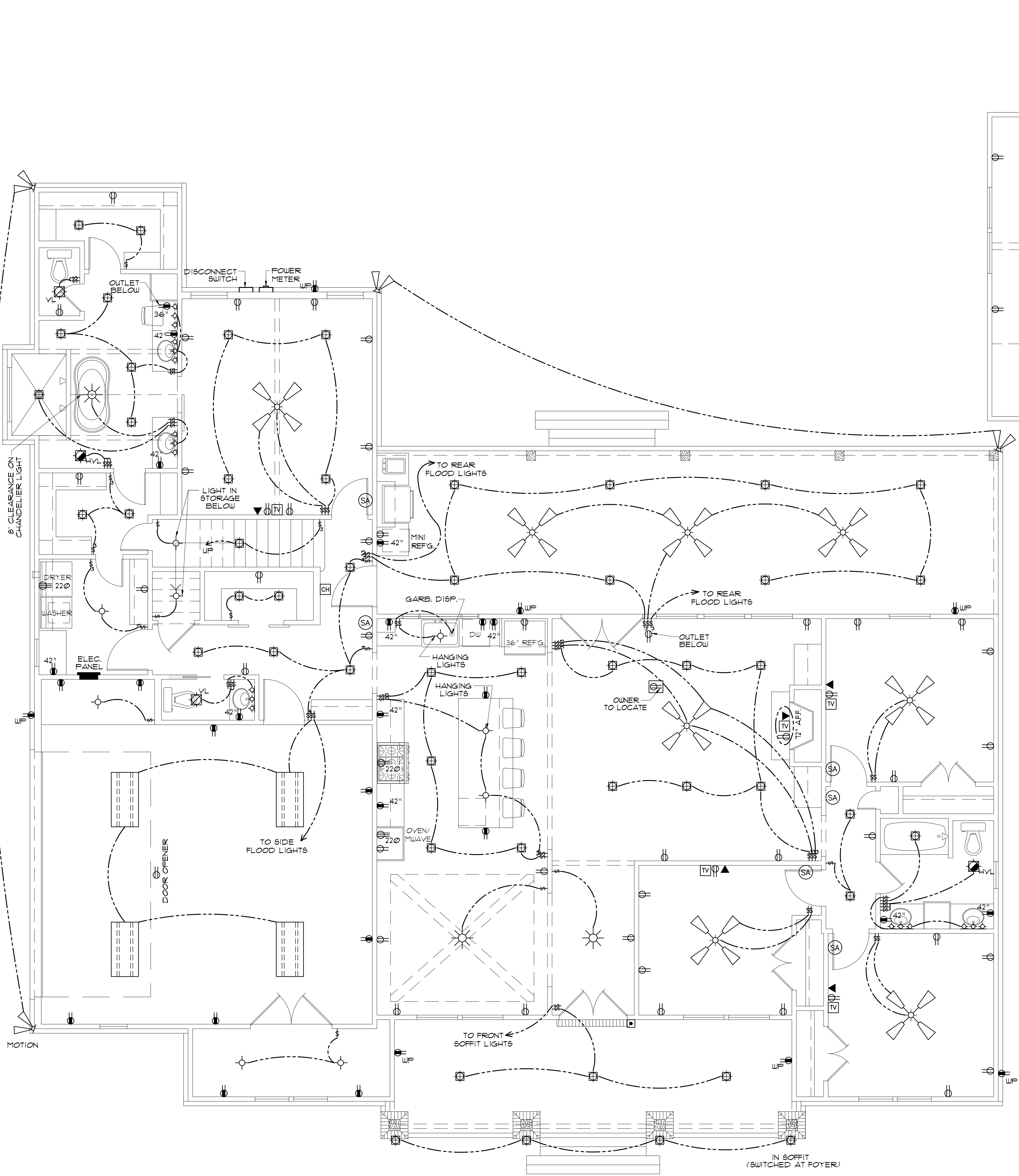
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Sheet Title
GAME ROOM / INT. ELEV.

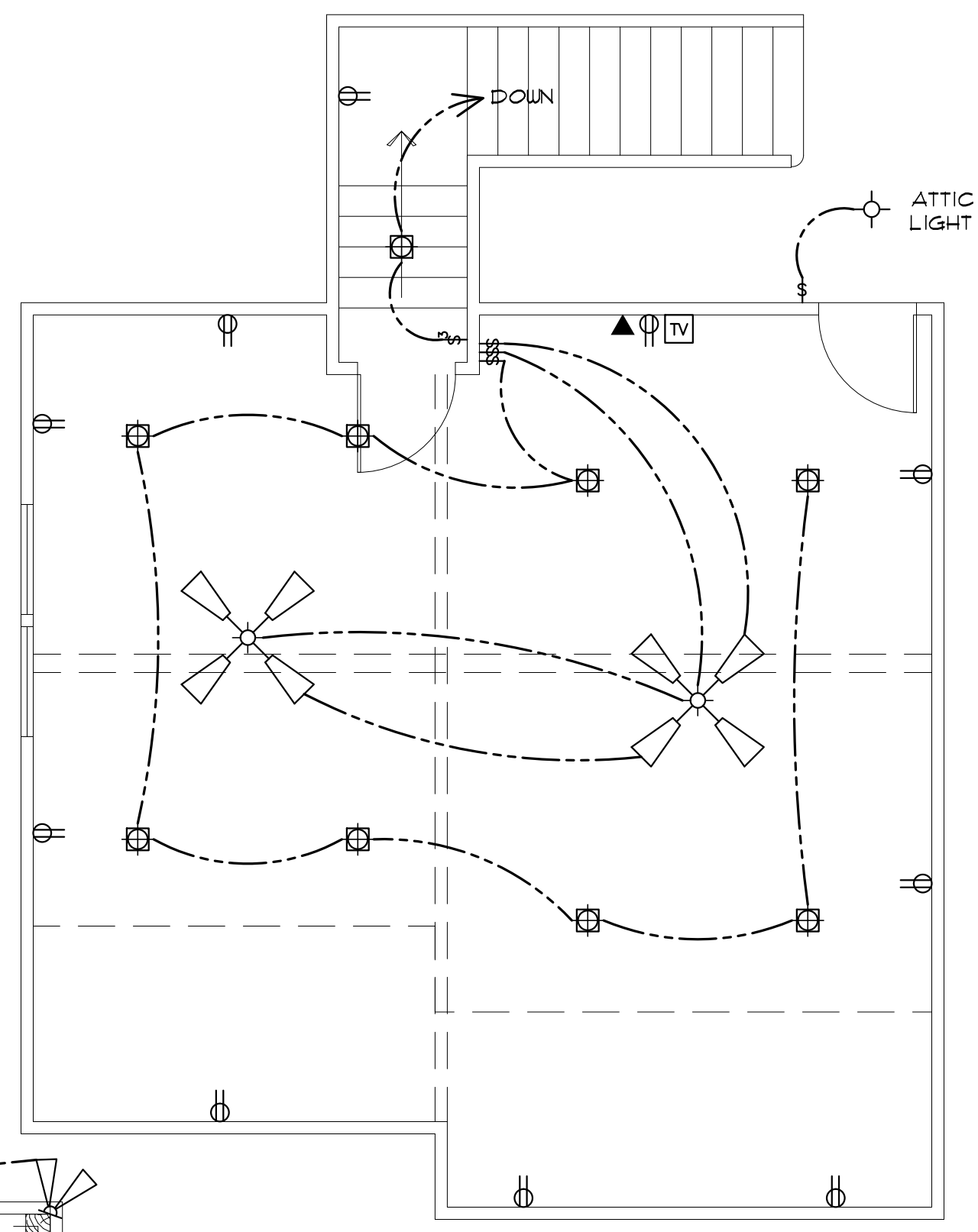
Sheet:
Preliminary Dwg.
Bidding Doc.
Construction Doc.

A1.1

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



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

ELECTRICAL SYMBOL LEGEND	
	LANDSCAPING LIGHTS
	CABLE OUTLET
	TELEPHONE/ ETHERNET OUTLET
	RECEPTACLE, 15A, 125V, 2 POLE 3 WIRE, GROUNDING, DUPLEX
	FLOOR DUPLEX RECEPTACLE
	GROUND-FAULT-CIRCUIT-INTERLIFT RECEPTACLE-USE SQUARE D QUICK GUARD FOR WP LOCATIONS
	RECEPTACLE, 50A, 220V, 2 POLE 3 WIRE, GROUNDING
	TOGGLE SWITCH, SINGLE POLE, 15A
	TOGGLE SWITCH, 3 WAY, 15A
	ELEC. DOOR BELL
	DOORBELL CHIME
	DIMMER SWITCH
	LIGHT FIXTURE, LED CEILING MOUNTED
	LIGHT FIXTURE, LED EXTERIOR FLOODS
	CEILING FAN W/ LIGHT - PROVIDE SEPERATE SWITCHES FOR F & L
	LIGHT FIXTURE - CHANDELIER W/ LED BULBS
	LED RECESSED LIGHT
	LIGHT FIXTURE - LED
	SMOKE ALARM - 110V ELEC. W/ CARBON MONOXIDE DETECTOR
	VANITY LIGHT
	VENT/LIGHT RECESSED CAN
	HEAT/VENT/LIGHT
	VENT/LIGHT ONLY
	SCONCE LIGHT
	ELECTRIC LANTERN

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 INTERRUPT 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).

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
- PROVIDE 220V OUTLET FOR CLOTHES DRYER
- COORDINATE SURROUND SYSTEM W/ OWNER

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RESIDENCE OF
RON TUTOR
GLENWOOD BLDGRS LLC

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

A B D

Project No.: Windsor Creek
DATE: JULY 6, 2022
DRAWN BY: Steven Madden
DESIGNED BY: Steven Madden

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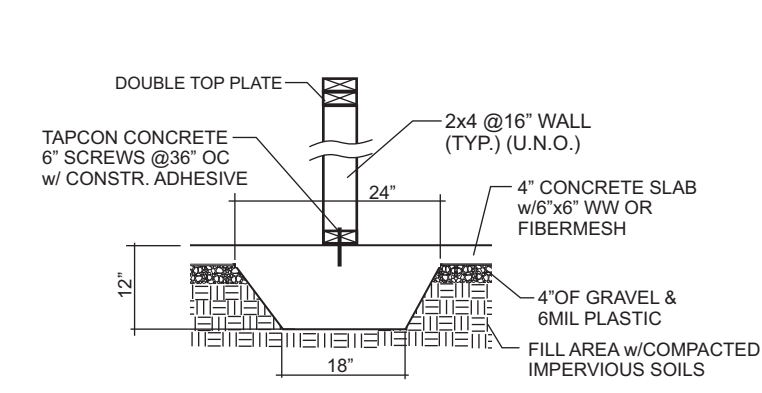
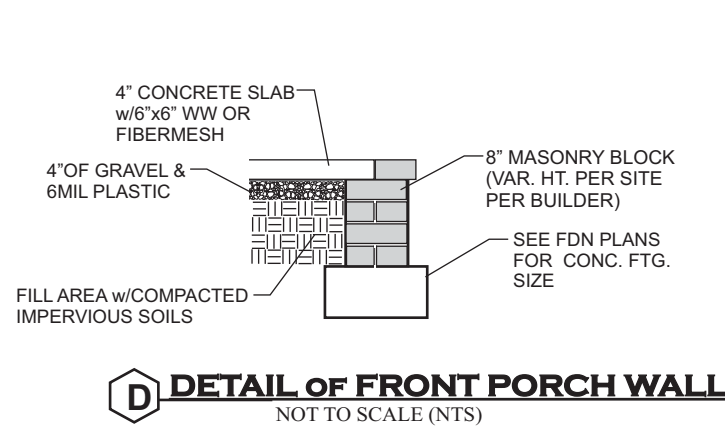
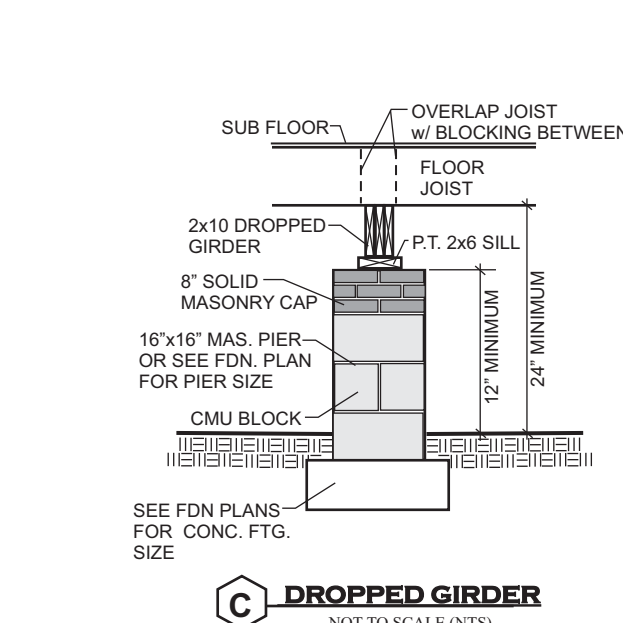
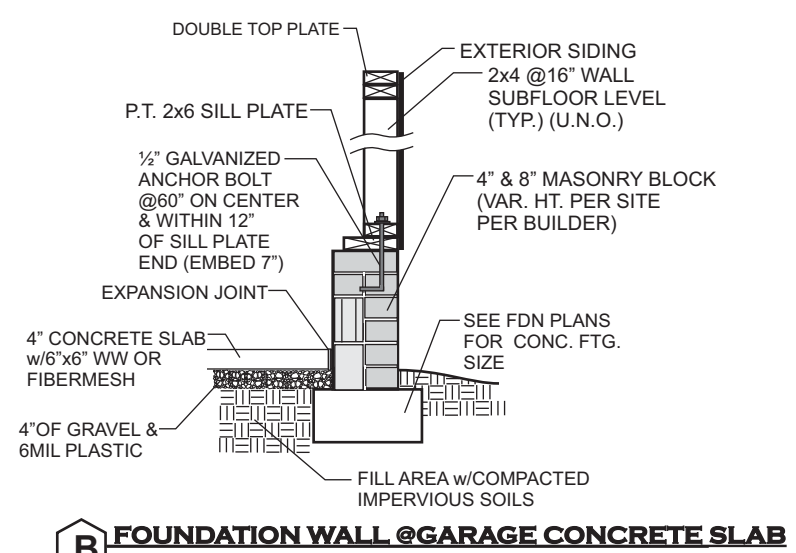
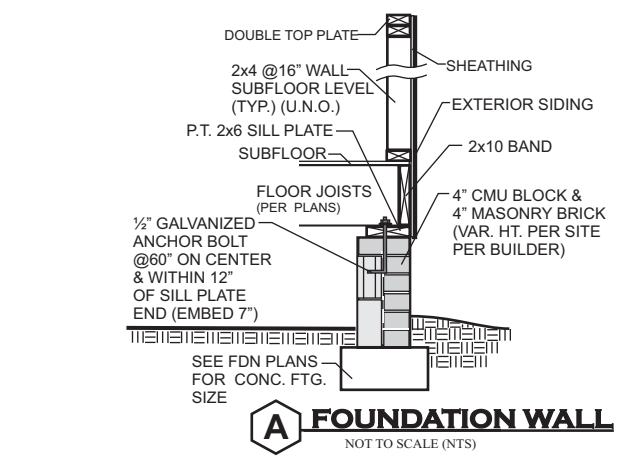
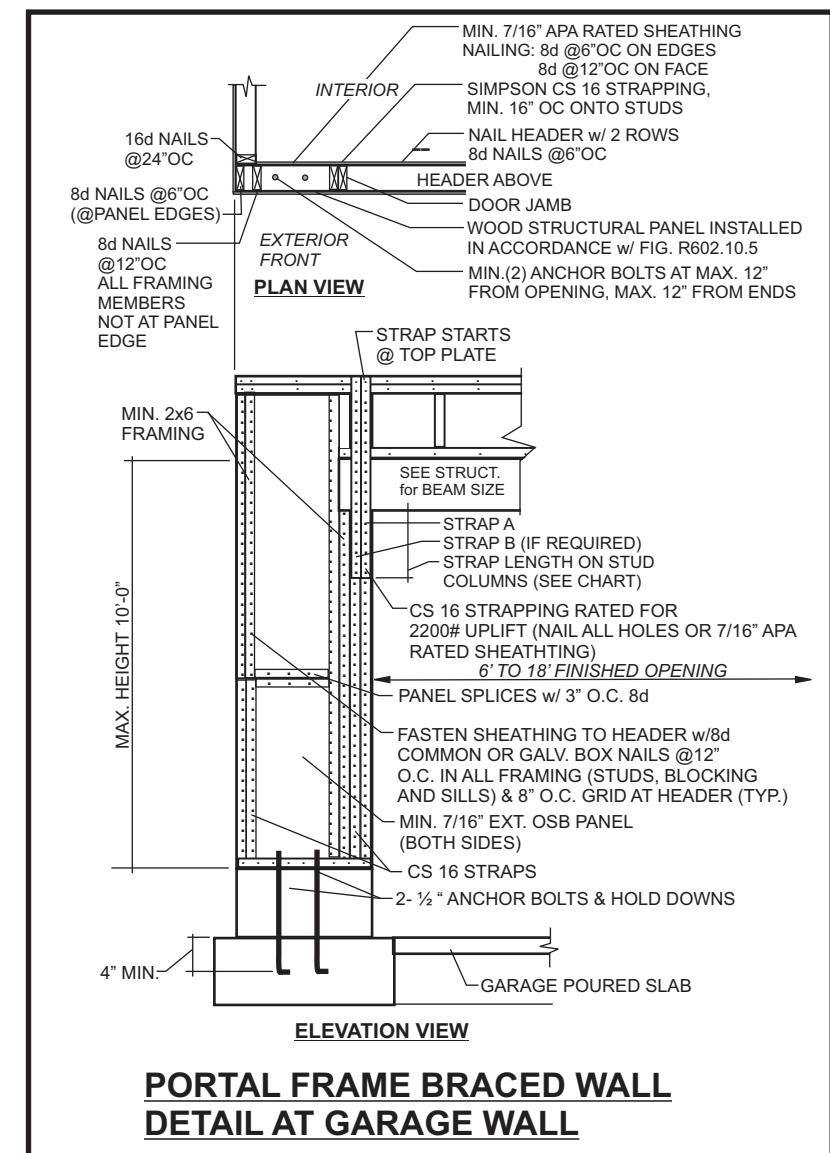
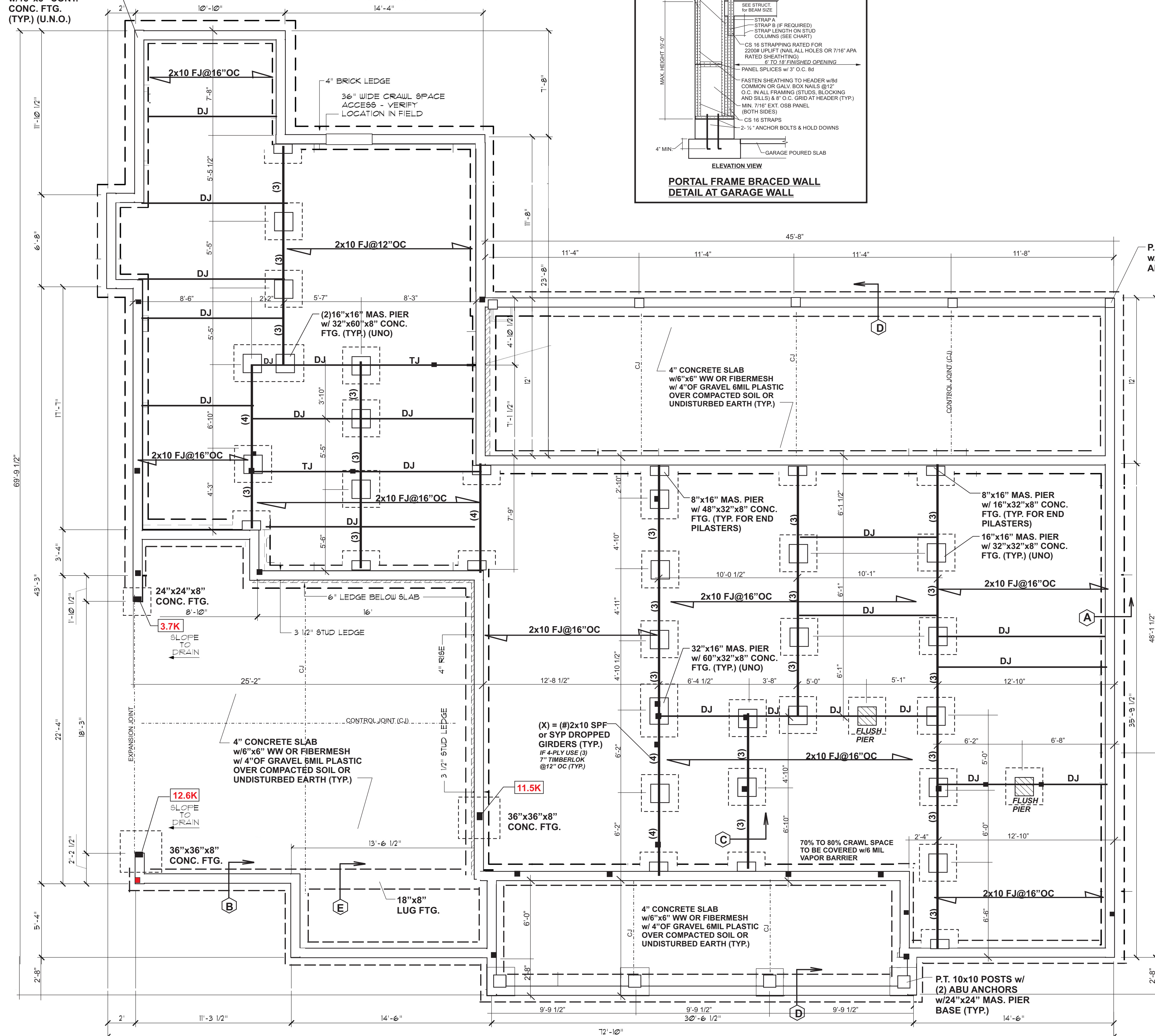
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Sheet Title
ELECTRICAL PLAN

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

THIS PLAN DESIGNED UNDER NORTH CAROLINA RESIDENTIAL CODE 2018 EDITION

HOUSE DESIGNED FOR 115 MPH, EXPOSURE B
ANCHOR BOLTS SHALL BE MINIMUM 1/2" DIAMETER & SHALL EXTEND A MINIMUM OF 7" INTO MASONRY OR CONCRETE. ANCHOR BOLTS TO BE NO MORE THAN 6" ON CENTER & WITHIN 12" OF ALL PLATE SPLICES.

8" MASONRY BLOCK OR 4" BRICK & 4" BLOCK w/18"x8" CONCT. CONG. FTG. (TYP.) (U.N.O.)



CRAWL SPACE VENTILATION

2326 SQ. FT. OF CRAWL SPACE/150 = 15.51 SQ FT SAY 16 SF

GENERAL NOTES:
BUILDER TO CALCULATE QUANTITIES OF TYPES OF VENTS TO MAKE UP THE MIN. REQUIREMENT. BUILDER TO LOCATE & SIZE VENTS PER CURRENT NC BUILDING CODE. TYPICAL CRAWL SPACE FOUNDATION WALL IS 8" THICK WITH 18"x8" CONTINUOUS CONCRETE FOOTING OR 12" THICK WITH BRICK VENEER & 20"x8" CONTINUOUS CONCRETE FOOTING BELOW IF APPLICABLE.

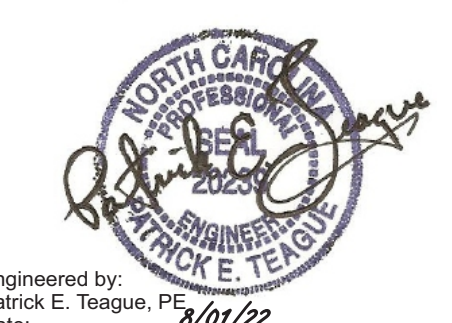
- STRUCTURAL NOTES:**
- Framing lumber shall be SYP or #2 SPF (modulus of elasticity 1,100,000 psi, fb 950). All beams & treated lumber to be #2 SYP. E=1,600,000, fb=1100 min. Studs min #2 or stud grade.
 - Use hangers for all beam to beam connections. Structural fastening as per R602.3(1). Adequate connections is the sole responsibility of the general contractor and his subs.
 - Structural members fastening to conform to Table R602.3(1) and (2).
 - Roof Framing Notes:
 - Dbl Hips may be spliced with a min. 6'-0" overlap at center. No valley splices.
 - Use 2x10 or fir down rafters for vaulted areas.
 - Attach each vaulted rafter with hurricane connectors: Simpson H-2.5, H-5 or approved equal or 6" SDWC's.
 - All construction shall conform to the latest requirements of the NC State Residential Building Code - 2018 Edition, plus all local codes & regulations or 2015 IBC.
 - Structural Engineer is not responsible for and will not control of construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the construction work.
 - Structural Engineer is not responsible for the contractor's failure to carry out the proposed construction work in accordance with the contract document.
 - Use Method #3 for Structural Sheathing: "Accepted Engineer's Practice"

FRAMING NOTES:

Design Loads (R301.5)	Live Loads (PSF)	Dead (PSF)
Rooms not for Sleeping	40	10
Sleeping Rooms	30	10
Attic w/ Permanent Stairs	40	10
Attic w/o Permanent Stairs	20	10
Stairs	10	10
Exterior Balconies	60	10
Decks	40	10
Guardrails & Handrails	200	200
Passenger Vehicle Garages	50	10
Fire Escapes	40	10
Snow	20	-
Wind Load: (Refer to Table R301.2.4)		

Verify Zone before Construction
Wake County 115 mph

- FOUNDATION NOTES:**
- Deck posts min. 4'-0" above grade are to be knee or diagonally braced per Appendix M. Fastening to house will be by nailer with 5/8" galvanized bolts @ 20" o.c. and 2x2 hot dipped galv. @ 42" o.c.
 - Corners shall be braced with one of the approved methods as outlined in R602.10.3.
 - Structural members fastening to conform to Table R602.3(1) and (2).
 - Girders and piers shall bear on center 1/3 of pier and footing, respectively.
 - 2018 NC State Residential Building Code apply to the construction of footings.
 - Typical lug footing to be 18" x 8" deep, (UNO)
 - Pressure treated wood shall be installed for exterior use.
 - Hanger Schedule (Simpson hangers) for beam to beam connections (UNO)
 - (2)2x10s; LUS210-2
 - (3)2x10s; LUS210-3
 - (2)9-1/4 LVLs; HUS410
 - Concrete shall have min. 28 day strength of 3000 psi. and max. Slump of 5 inches unless noted otherwise (UNO). Air entrained per Table 4022. All concrete shall be proportioned, mixed, handled, sampled, tested, and placed in accordance with ACI current standards. All samples for pumping shall be taken from the exit pump.
 - Allowable soil bearing pressure assumed to be 2000 pcf. The contractor must contact Geotechnical Engineer & the Structural Engineer if unsatisfactory subsurface conditions are encountered. The surface area adjacent to the foundation wall shall be provided adequate drainage, and shall be graded so as to drain surface water away from foundation walls.



Engineered by:
Patrick E. Teague, PE #20239
Date: 07/22
North Carolina License # 20239

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CRAWL SPACE FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

SOLID BLOCKING UNDER PT. LOADS

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RESIDENCE OF
RON TUTOR
GLENWOOD BLDERS LLC

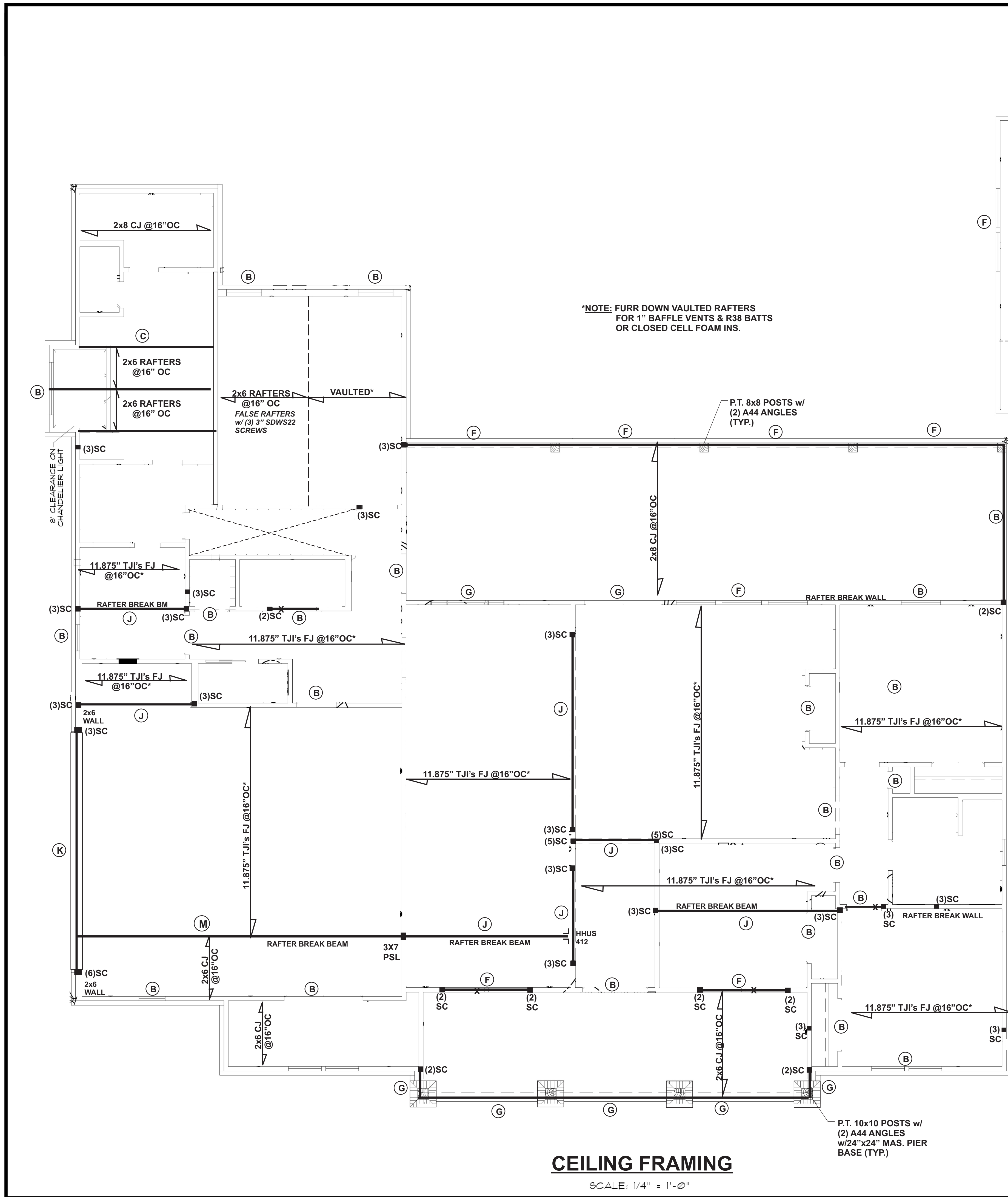
Project
MADDEN HOME DESIGN
8375 Rushing Road
Denham Springs, Louisiana
70726
Phone: (225) 791-2912

Project No.: Windsor Creek
DATE: JULY 6, 2022
DRAWN BY: Steven Madden
DESIGNED BY: Steven Madden

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FOUNDATION PLAN
PO#23320RT
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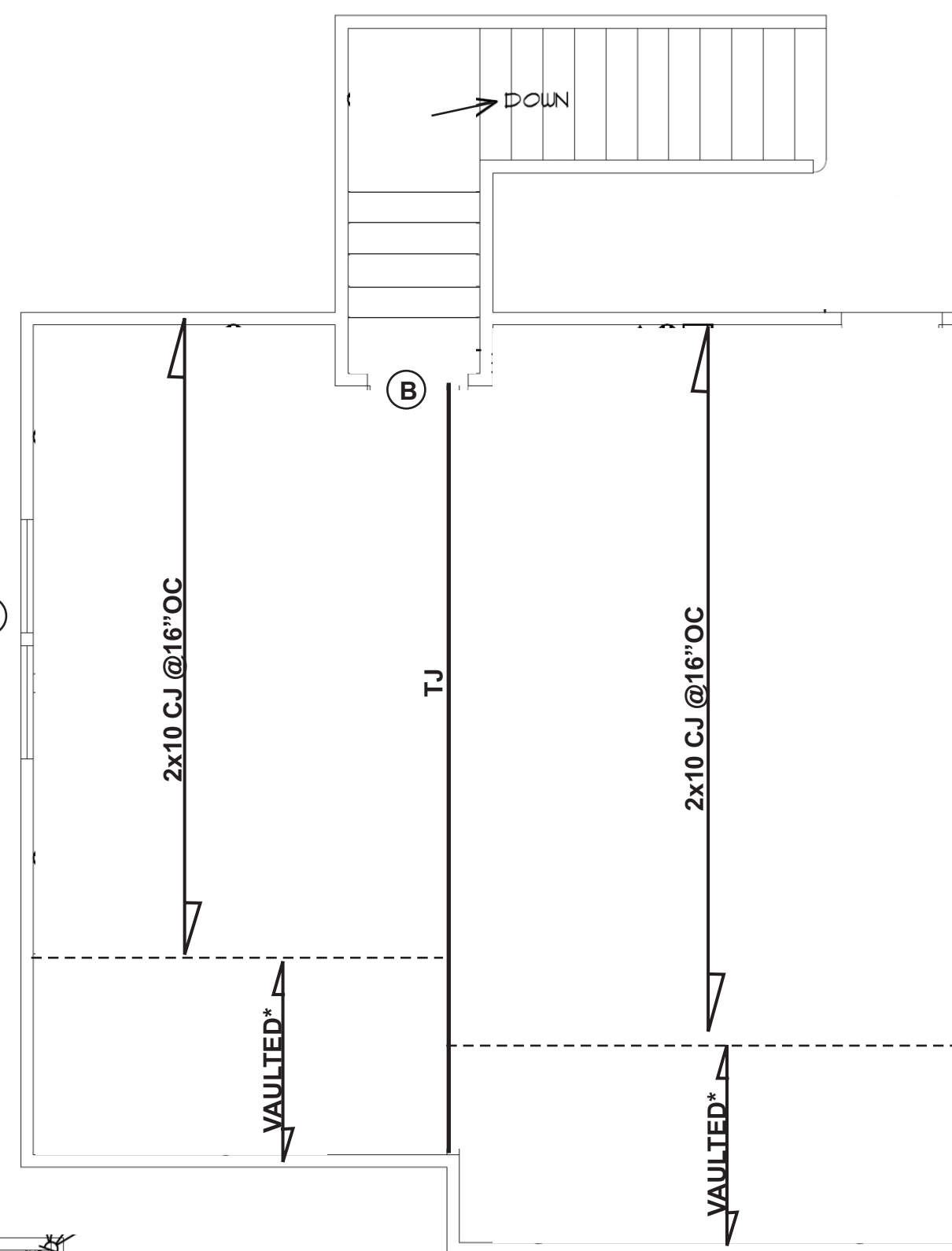
S1



*NOTE: FURR DOWN VAULTED RAFTERS FOR 1\"/>

CEILING FRAMING

SCALE: 1/4\"/>



CEILING FRAMING (BONUS ROOM)

SCALE: 1/4\"/>

HEADER SCHEDULE

- (A) 2x10's Flush
- (B) 2x10's Dropped
- (C) 2x8's Flush
- (D) 2x8's Dropped
- (E) 2x12's Flush
- (F) 2x12's Dropped
- (G) 2x12's Dropped
- (H) 11.875\"/>
- (I) 11.875\"/>
- (J) 11.875\"/>
- (K) 18\"/>
- (L) 24\"/>

STRUCTURAL NOTES:

- Framing lumber shall be SYP or #2 SPF (modulus of elasticity 1,100,000 psi, fb 950). All beams & treated lumber to be #2 SYP E=1,600,000, fb=1100 min. Studs min #2 or stud grade.
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- Roof Framing Notes:
 - Dbl Hips may be spliced with a min. 6'-0\"/>
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- Use Method #3 for Structural Sheathing:
 - *Accepted Engineer's Practice

FRAMING NOTES:

- Design Loads (R301.5)

Live Loads (PSF)	Dead (PSF)	
Rooms not for Sleeping	40	10
Sleeping Rooms	30	10
Attic w/Permanent Stairs	40	10
Attic w/o Permanent Stairs	20	10
Attic w/o Storage	10	10
Stairs	40	10
Exterior Balconies	60	10
Decks	40	10
Guardrails & Handrails	200	10
Passenger Vehicle Garages	50	10
Fire Escapes	40	10
Snow	20	-

 Wind Load: (Refer to Table R301.2.4) Verify Zone before Construction Wake County 115 mph
- Wall Bracing: Braced wall panels shall be constructed according to section R602.10.3. The wall structural paneling shall comply with Table R602.10.3. The length of braced panels shall be determined by section R602.10.4. Lateral bracing shall be satisfied per method 3 by continuously sheathing walls with structural sheathing per Table 601.3. Note that any specific braced wall detail shall be installed as specified.
- All framing lumber shall be SPF#2 (Fb=875 psi) unless otherwise noted (UNO). All treated lumber shall be SYP#2 (Fb=975 psi). Plate material may be SPF#3 or SYP#3 (Fc (perp.) = 425 psi min.).
- All exterior headers to be (2)2x10 spl. u.n.o w/ dbl. Jacks for all openings >5'-0\"/>

WALL BRACING NOTES:

WALL BRACING SHALL BE IN ACCORDANCE WITH SECTION R602.10.3 CONTINUOUS SHEATHING. BRACING METHOD CS-WSP SHALL BE USED IN ACCORDANCE WITH TABLE R602.10.1

- THE REQUIRED LENGTH OF BRACING FOR EACH SIDE OF A RECTANGLE CIRCUMSCRIBED AROUND THE PLAN OR A PORTION OF THE PLAN AT EACH STORY LEVEL SHALL BE IN ACCORDANCE WITH TABLE R602.10.3 AND FIGURE R602.10.3(1), UNLESS NOTED OTHERWISE, THE ENTIRE STRUCTURE IS ASSUMED TO BE CIRCUMSCRIBED WITHIN A SINGLE RECTANGLE.
- MINIMUM PANEL WIDTH IS 24\"/>

*NOTE: I-JOIST EQUIVALENT CAN BE USED FOR SPECIFIED I-JOISTS SUCH AS:
 GPI 65 SERIES 11.875\"/>

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RESIDENCE OF
RON TUTOR
GLENWOOD BLDERS LLC

Project

MADDEN
 HOME DESIGN

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

A **B** **D**

Project No.: Windsor Creek
 DATE: JULY 6, 2022
 DRAWN BY: Steven Madden
 DESIGNED BY: Steven Madden

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Sheet Title

CEILING FRAMING

PO#23320RT

Sheet:

Preliminary Dwg.

Bidding Doc.

Construction Doc.

S2

Engineered by:
 Patrick E. Teague, PE
 Date: 5/07/22
 North Carolina License # 210239

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STRUCTURAL NOTES:

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Guardrails & Handrails	200	-
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Snow	20	-

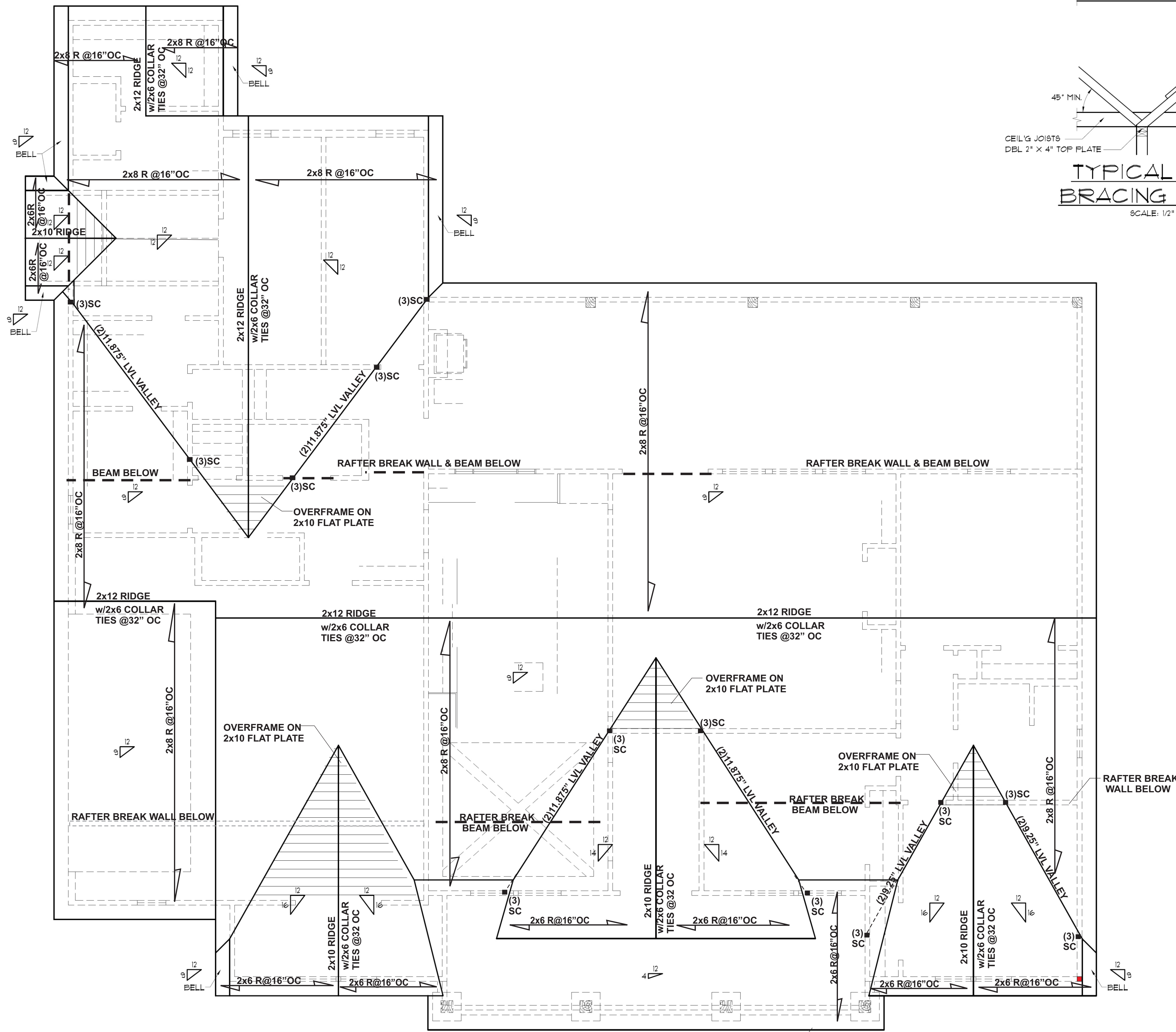
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- All exterior headers to be (2)2x10 spf. u.n.o w/ dbl. jacks for all openings >4'-0".
- All interior bearing headers to be (2)2x10 u.n.o. w/ dbl. jacks for all openings >4'-0". use (2)2x8 w/ dbl. jacks for all openings >3'-0" u.n.o.
- All interior non-bearing headers to be min. (2)2x4 flat u.n.o.
- Fireblock to conform with R602.8

ROOF FRAMING NOTES:

- Use Simpsons H2.5 Hurricane connectors or equivalent or 6" SDWC's on each rafter installed.
- All point loads to be columned/blocked (through joists) down to foundation.

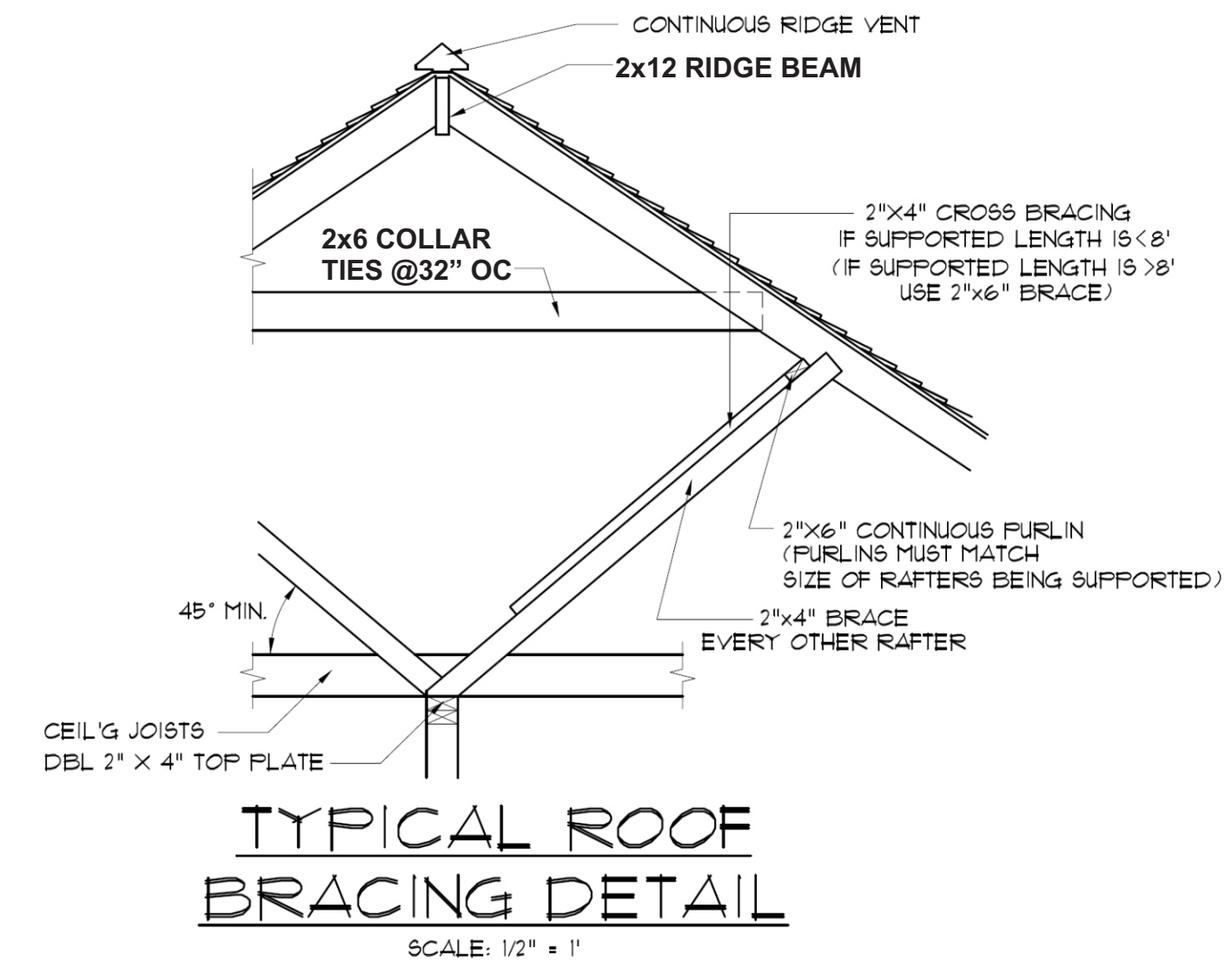
ATTIC VENTILATION:
3786 SQ. FT. OF CEILING/150 = 25.24 SQ FT REQUIRED SAY 25 SF

NOTE:
BUILDER TO CALCULATE QUANTITIES OF TYPES OF VENTS TO MAKE UP MIN. REQUIREMENT. ATTIC VENTILATION MAY BE REDUCED 50% WHEN VENTILATORS ARE USED AT LEAST 3'-0" ABOVE THE CORNICE VENTS. REFER TO SECTION R-806 IN THE N.C. BUILDING CODE VOL. VII.



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

DR
1'-0" OVERHANG (TYP.)



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

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DESIGNED BY: Steven Madden

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ROOF PLAN
PO#23320RT

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Date: 8/01/22
North Carolina License # 202538

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