Following NC Building Code, as opposed to drawing charts.

size lvl to carry rafter knee wall load

size lvl to carry rafter knee wall load

Size LVL here

size TGIs for garage

Size LVL here

Size LVL here

Size LVL here

FLOOR PLAN

SCALE: 1/4" = 1'-Ø"

* 4" BRICK SKIRT AROUND ENTIRE HOUSE *

NOTE: FOR GENERAL NOTES, WINDOW & DOOR SCHEDULES, SEE SHEET "A1.1"

SQUARE FOOTAGE

LIVING	3095
BONUS ROOM	490
FRONT PORCH	338
OFFICE PORCH	69
REAR PORCH	599
GARAGE/STORAGE	1118
TOTAL LIVING SQ. FT.	3585
TOTAL SQ. FT.	5709

MADDEN HOME DESIGN LLC NOT BEING AN ARCHITECTURAL OR ENGINEERING FIRM ASSUMES NO LIABILITY FOR STRUCTURAL OR ARCHITECTURAL DESIGN INTEGRITY. EVERY EFFORT HAS BEEN MADE TO INSURE ALL DIMENSIONS ARE CORRECT. IF ANY ERRORS ARE FOUND TO HAVE BEEN THERE, IF AN ERROR OR OMISSION DOES OCCUR IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR OMISSION AT HIS OWN EXPENSE AND NOT THE RESPONSIBILITY OF THE DRAFTING SERVICE. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF DIMENSIONS IN THE FIELD AND SHALL BUILD HOME IN ACCORDANCE WITH THE INTERNATIONAL RESIDENTIAL CODE 2015.

NOTICE TO CONTRACTOR: All construction must comply with current NC Building Codes and is subject to field inspection and verification.
APPROVED
Limited building info review. Permit holder responsible for full compliance with the code.
01/27/2023
Harnett COUNTY NORTH CAROLINA

RESIDENCE OF
KELLEE RING

Project

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

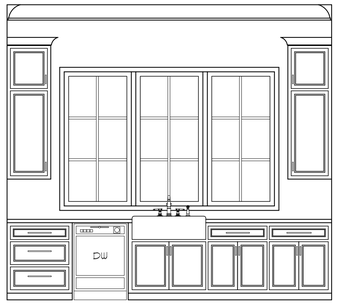
A|BD

Project No.: The Tanglewood-Mirror
DATE: JANUARY 3, 2022
DRAWN BY: Steven Madden
DESIGNED BY: Steven Madden

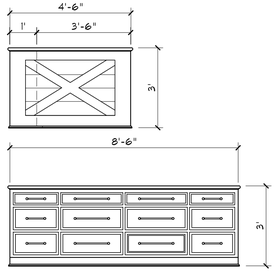
Sheet Title
FLOOR PLAN

☐ Preliminary Dwg.
☐ Bidding Doc.
☐ Construction Doc.

Sheet:
A1.0



A ELEVATION
SCALE: 3/8" = 1'-0"



ISLAND ELEVS.
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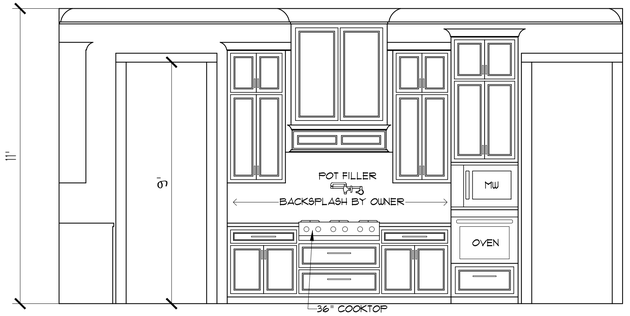

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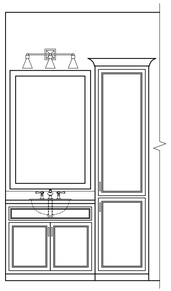
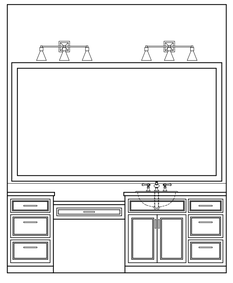
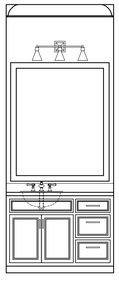


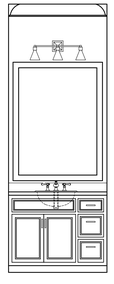
C ELEVATION
SCALE: 3/8" = 1'-0"



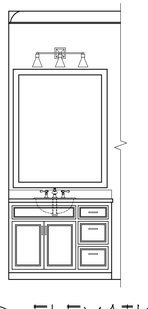
D ELEVATION
SCALE: 3/8" = 1'-0"



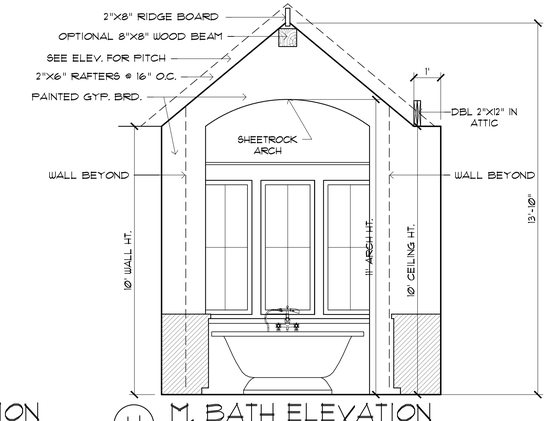
E ELEVATION
SCALE: 3/8" = 1'-0"



F ELEVATION
SCALE: 3/8" = 1'-0"



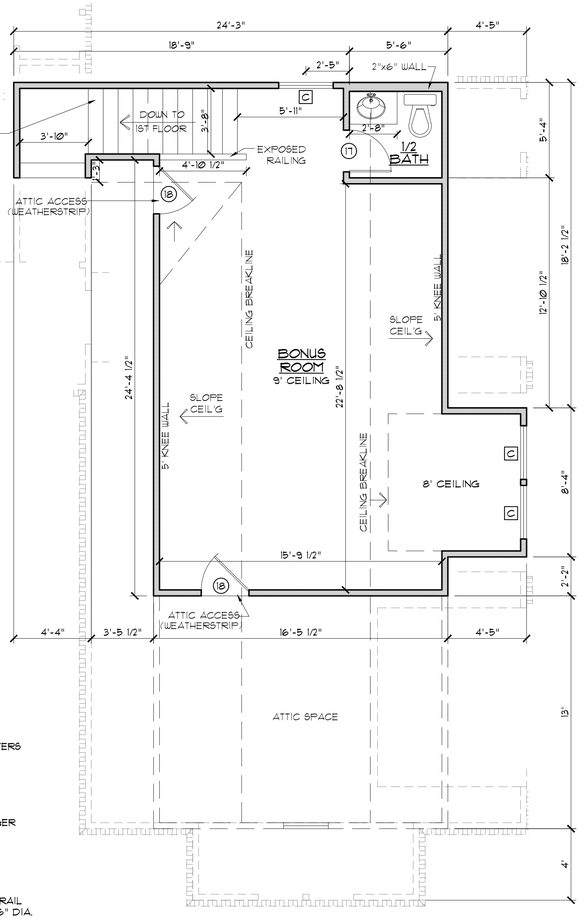
G ELEVATION
SCALE: 3/8" = 1'-0"



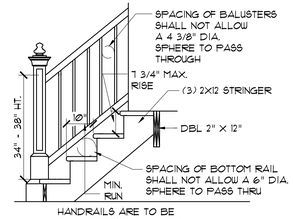
H M. BATH ELEVATION
SCALE: 3/8" = 1'-0"

CODE DISCLAIMER:

1. THESE PLANS WERE DESIGNED TO MEET IRC 2015 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.
2. 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.
3. 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 2015 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.
4. ALL FOUNDATION AND FOOTING DETAILS SHALL BE REVIEWED AND APPROVED BY A LOCAL ENGINEER.
5. CONTRACTOR SHALL PROVIDE ALL HIGH WIND STRAPPING AND ANCHOR BOLTS AS REQUIRED BY THE LOCAL CODE REQUIREMENTS AND THE LATEST VERSION OF THE IRC.



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



STAIR DETAILS
N.T.S.

WINDOW SCHEDULE

MARK □	OPENING SIZE	DESCRIPTION	QTY.
A	2'6" × 4'6"	2/2 LITE VINYL FIXED INSULATED WINDOW (SEE ELEVATIONS)	3
B	2'0" × 2'0"	4 LITE VINYL FIXED INSULATED WINDOW (SEE ELEVATIONS)	2
C	3'0" × 5'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	3
D	3'0" × 6'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	4
E	2'6" × 5'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	2
F	2'0" × 5'0"	4 LITE VINYL FIXED PICTURE W/ TEMPERED GLASS	4
G	2'6" × 5'0"	4 LITE VINYL FIXED INSUL. WINDOW W/ 16" TRANSOM (MULLED)	3
H	4'0" × 7'0"	2/2 LITE VINYL S.H. INSULATED WINDOW W/ 20" TRANSOM	6
J	3'0" × 7'0"	2/2 LITE VINYL S.H. INSULATED WINDOW W/ 24" TRANSOM	3

DOOR SCHEDULE

MARK ○	SIZE	DESCRIPTION	QTY.
1	DBL 2'6" × 8'0"	EXT. 6 LITE 3/4 FRENCH SOLID WOOD DOORS W/ 20" TRANS.	3 PAIR
2	3'0" × 8'0"	EXTERIOR 6 LITE 3/4 FRENCH SOLID WOOD DOOR	1
3	3'0" × 8'0"	EXT. 8 LITE FULL FRENCH SOLID WOOD DOOR W/ 20" TRANS.	1
4	DBL 2'6" × 8'0"	EXTERIOR 8 LITE FULL FRENCH SOLID WOOD DOORS	1 PAIR
5	10'0" × 8'0"	INSULATED METAL CARRIAGE STYLE GARAGE DOOR W/ LITES	3
6	3'0" × 8'0"	EXTERIOR RAISED PANEL METAL DOOR	3
7	3'0" × 9'0"	CASED OPENING	4
8	3'0" × 8'0"	INTERIOR RAISED PANEL HOLLOW CORE MASONITE DOOR	3
9	2'8" × 8'0"	INTERIOR RAISED PANEL HOLLOW CORE MASONITE DOOR	3
10	2'4" × 8'0"	INTERIOR RAISED PANEL HOLLOW CORE MASONITE DOOR	6
11	2'0" × 8'0"	INTERIOR RAISED PANEL HOLLOW CORE MASONITE DOOR	2
12	2'6" × 8'0"	INTERIOR RAISED PANEL HOLLOW CORE MASONITE DOOR	2
13	2'4" × 8'0"	INTERIOR RAISED PANEL MASONITE POCKET DOOR	3
14	DBL 1'6" × 8'0"	INTERIOR RAISED PANEL HOLLOW CORE MASONITE DOORS	1 PAIR
15	2'0" × 8'0"	SLIDING BARN DOOR - OWNER SELECT	1
16	DBL 2'4" × 8'0"	SLIDING BARN DOORS - OWNER SELECT	1 PAIR
17	2'4" × 6'8"	INTERIOR RAISED PANEL HOLLOW CORE MASONITE DOOR	1
18	2'8" × 6'8"	SOLID CORE ATTIC ACCESS DOOR	2

GENERAL NOTES:

1. ALL KITCHEN AND UTILITY COUNTERTOPS ARE SHOWN AS 2'-0" WIDE UNLESS STATED OTHERWISE.
2. ALL BATHROOM LAVATORY COUNTERTOPS SHOWN AS 1'-10" WIDE.
3. ALL EXTERIOR OVERALL DIMENSIONS ARE FROM EDGE OF FOUNDATION.
4. ALL INTERIOR DIMENSIONS ARE FROM STUD FACE TO STUD FACE.
5. ALL INTERIOR WALL THICKNESS SHOWN AS 4" UNLESS NOTED OTHERWISE.
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE COMMENCING WORK.
7. BRICK VENEER WALL TIES (MAX 24" O.C. EACH WAY)
8. PURCHASER OF THIS PLAN ASSUMES LIABILITY FOR ANY MODIFICATIONS MADE TO THE LAYOUT OF THIS PLAN.
9. ALL WOOD FRAMING SHALL BE NO. 2 GRADE - SOUTHERN PINE LUMBER. ALL CEILING JOISTS SPANS ARE BASED ON TABLE R802.5.1 (2) OF THE I.R.C. 2018 AND ARE DESIGNED FOR ATTICS WITH LIMITED STORAGE. (REFER TO FOUNDATION SHEET FOR SPANS)
10. RE: SEC. 308 GLAZING IN HAZARDOUS LOCATIONS & 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 I.R.C. 2015)
11. MASONRY VENEER SHALL BE ANCHORED TO THE SUPPORTING WALL WITH CORROSION-RESISTANT METAL TIES SPACED NOT MORE THAN 24" ON CENTER HORIZONTALLY AND VERTICALLY AND SHALL SUPPORT NOT MORE THAN 2.6 SQ. FEET OF WALL PER SECTION R703.7.4.1
12. VENT HOOD IN KITCHEN MUST VENT TO THE OUTSIDE. MICROWAVE HOODS MUST VENT TO THE OUTSIDE WHERE APPLICABLE.
13. DRYER VENT MUST HAVE MAX LENGTH 25'
14. ATTIC SPACES MUST PROVIDE 1 SQ. FT. VENTILATION PER 150 SQ. FT. OF AREA UNLESS CONDITIONED SPACE. (ATTICS R806)

WIND ZONE NOTES

1. 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.
2. ALL WINDOWS SHALL COMPLY WITH THE GOVERNING IRC/IBC. WINDOWS SHALL BE SELECTED BASED UPON THE COMPONENT AND CLADDING DESIGN PRESSURES.
3. CONTRACTOR RESPONSIBLE FOR ANCHORAGE OF BOTTOM PLATE AND WALL STUDS TO FOUNDATION IN COMPLIANCE WITH THE GOVERNING EDITION OF IRC/IBC 1609.

HEADER SPANS FOR LOAD BEARING WALLS:

SINGLE STORY:
- 2 PLY 2"X6" 4'-2" MAX
- 2 PLY 2"X8" 5'-4" MAX
- 2 PLY 2"X10" 7'-6" MAX

2 STORY:
- 2 PLY 2"X6" 3'X7" 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 R502.5 (1) AND (2) FOR ADDITIONAL HEADER AND GIRDER SPANS

NOTE:

GENERAL CONTRACTOR TO PROVIDE ADEQUATE ROOF VENTILATION BUILDING SYSTEMS PER IRC CODE (SECTION R806). 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:

1. EXTERIOR WALLS:
   - -BRICK VENEER
   - -REINFORCED CEMENTITIOUS SIDING
   - -"TYVEK" BUILDING WRAP
   - -1/2" O.S.B. SHEATHING — -2X4 STUDS @ 1'-4" O.C. (UNLESS NOTED)
   - -R-13 BATT INSULATION — -1/2" GYPSUM BOARD INTERIOR
2. INTERIOR WALLS:
   - -2X4 STUDS @ 1'-4" O.C. — -1/2" GYPSUM BOARD ON BOTH SIDES
3. CEILING:
   - -2X JOISTS @ 1'-4" O.C. — -1/2" GYPSUM BOARD
   - -R38 INSULATION
4. ROOF SYSTEM:
   - -30 YEAR FIBERGLASS SHINGLES — -#15FELT
   - -5/8" O.S.B. OR CDX PLYWOOD — -2X6 RAFTERS @ 2'0" O.C.
   - -STANDING SEAM METAL ROOF

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

PROTECTION AGAINST TERMITES:

1. 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.
2. CHEMICAL SOIL TREATMENT. THE CONCENTRATION, RATE OF APPLICATION AND TREATMENT METHOD OF THE TERMITICIDE LABEL.
3. 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.
4. FIELD TREATMENT. FIELD CUT ENDS, NOTCHES, AND DRILLED HOLES OF PRESSURE-TREATED WOOD SHALL BE RETREATED IN THE FIELD ACCORDING TO AWPA M4.

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" A.F.F.

Project

RESIDENCE OF
KELLEE RING

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

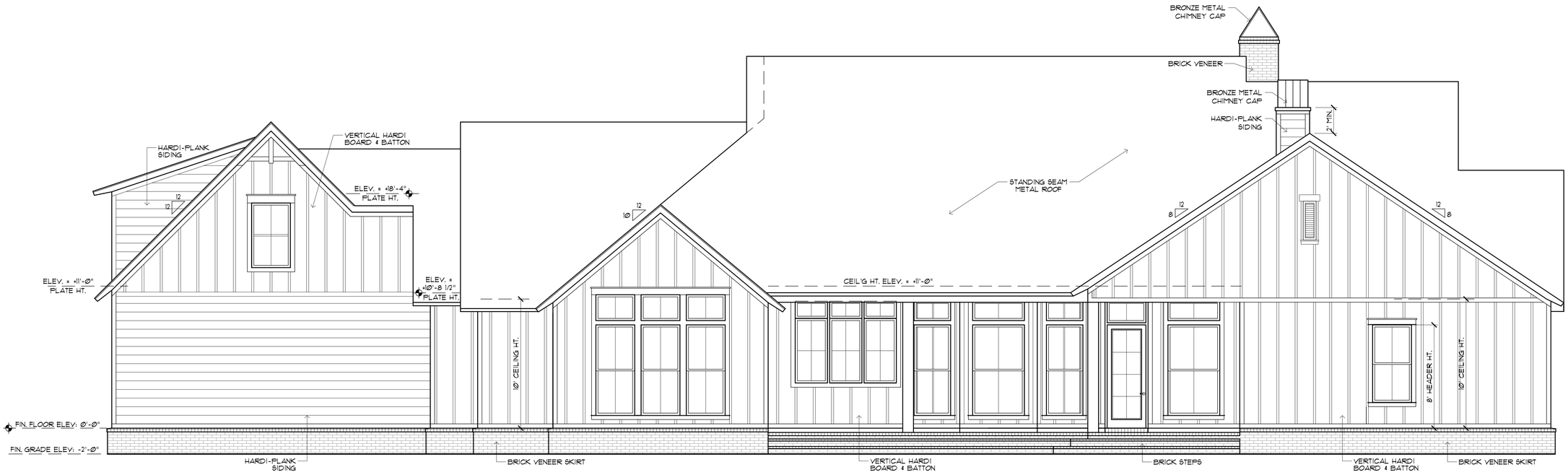
A|BD©

Project No.: The Tanglewood-Mirror
DATE: JANUARY 3, 2022
DRAWN BY: Steven Madden
DESIGNED BY: Steven Madden

Sheet Title
BONUS ROOM/ INT. ELEVS.

□ Preliminary Dwg.
□ Bidding Doc.
□ Construction Doc.

Sheet:
A1.1



REAR ELEVATION

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

FRONT ELEVATION

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

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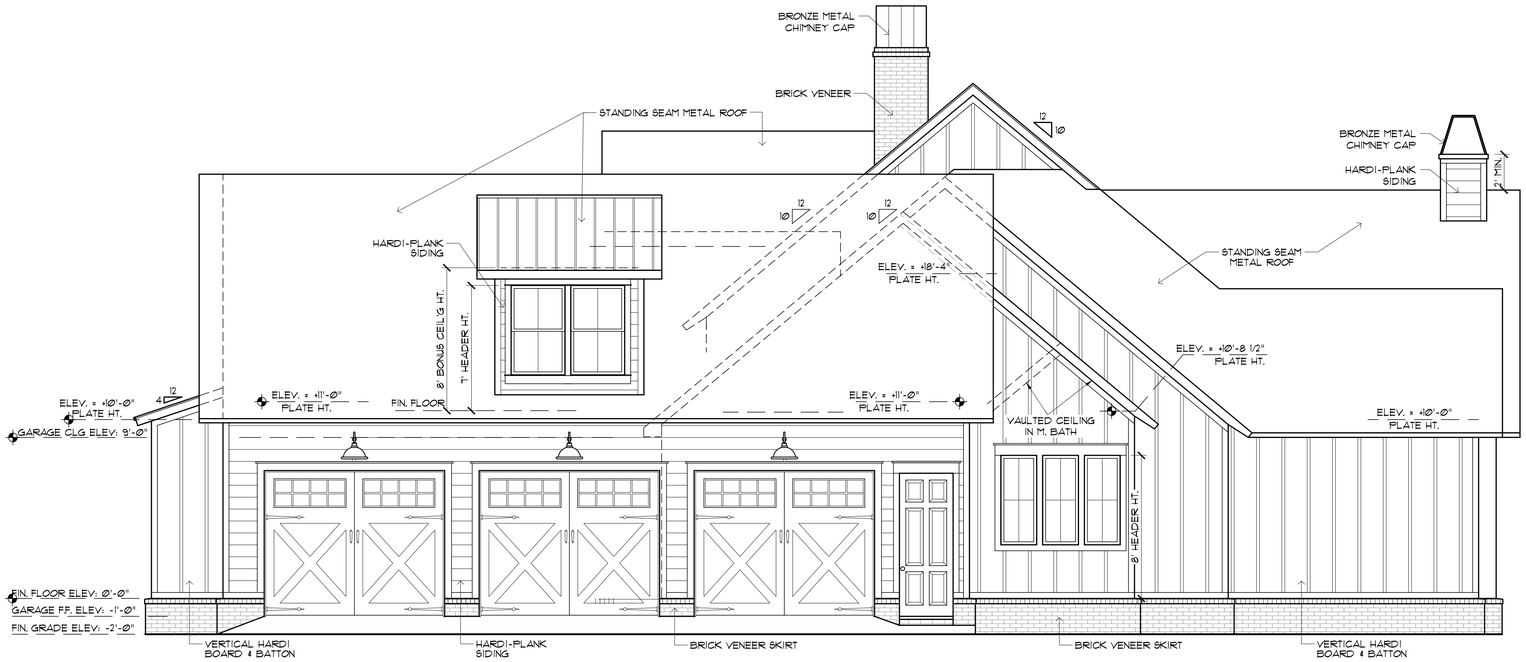
DRAWN BY: Steven Madden
DESIGNED BY: Steven Madden

Sheet Title
FRONT & REAR ELEVATIONS

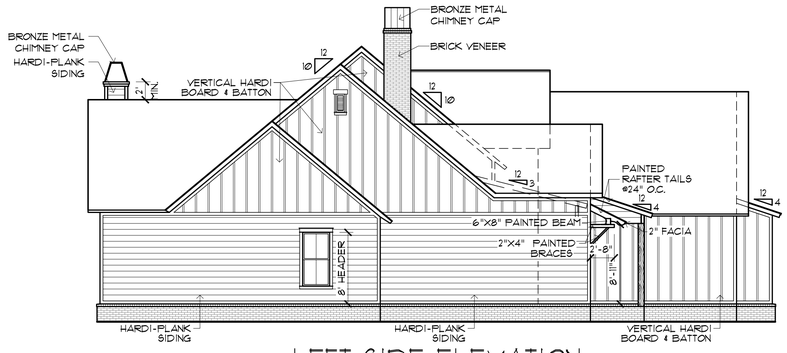
☐ Preliminary Dwg.
☐ Bidding Doc.
☐ Construction Doc.

Sheet:
A2.0



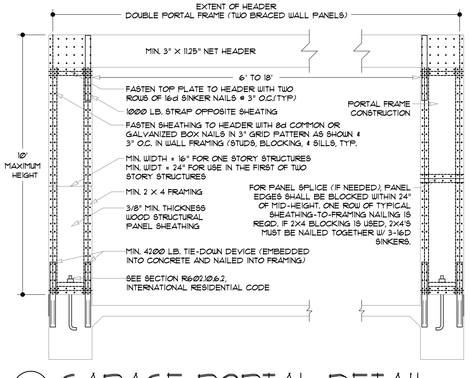
RIGHT SIDE ELEVATION

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



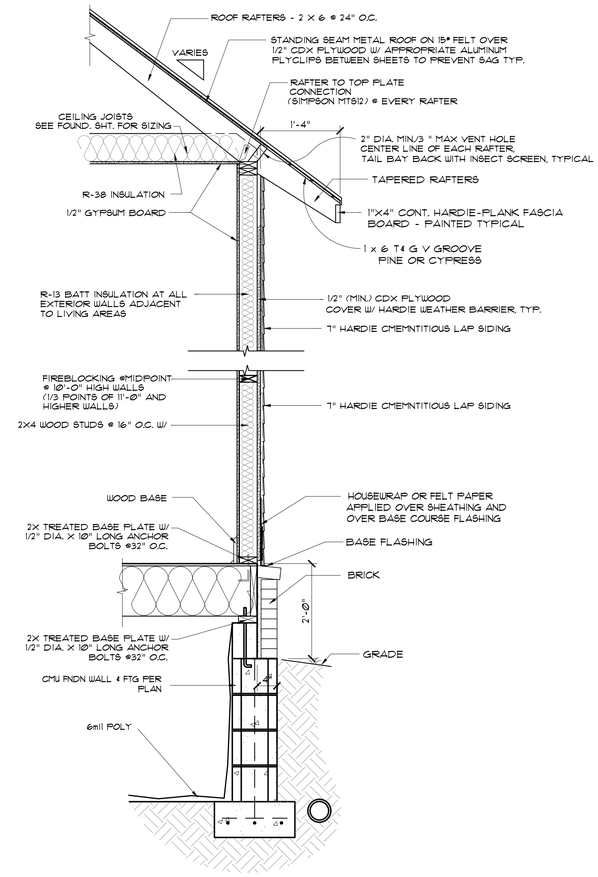
LEFT SIDE ELEVATION

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



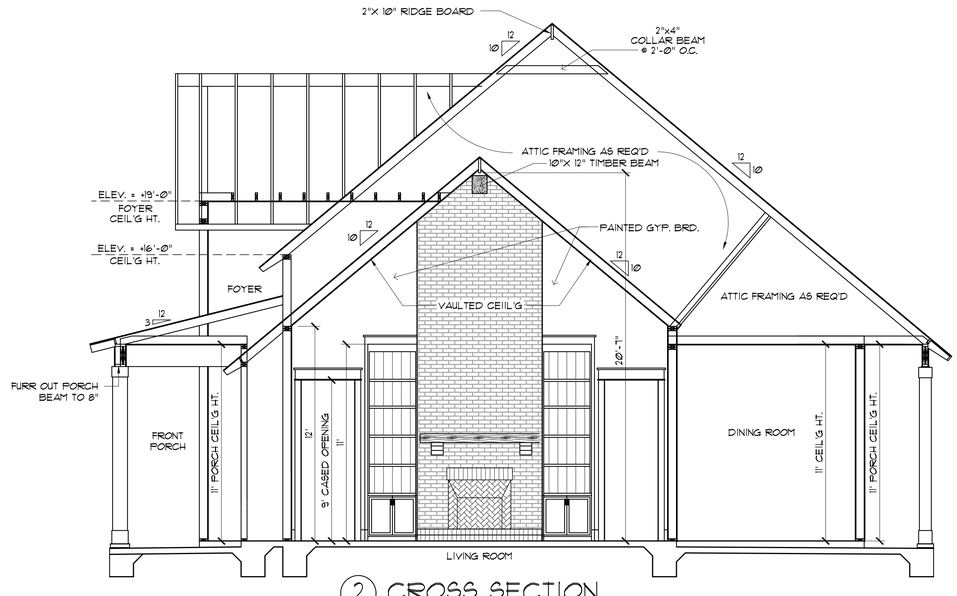
1 GARAGE PORTAL DETAIL

NOT TO SCALE



TYPICAL WALL SECTION @ LAP SIDING

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



2 CROSS SECTION

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

Project

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70726
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A|BD

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DRAWN BY: Steven Madden

DESIGNED BY: Steven Madden

Sheet Title

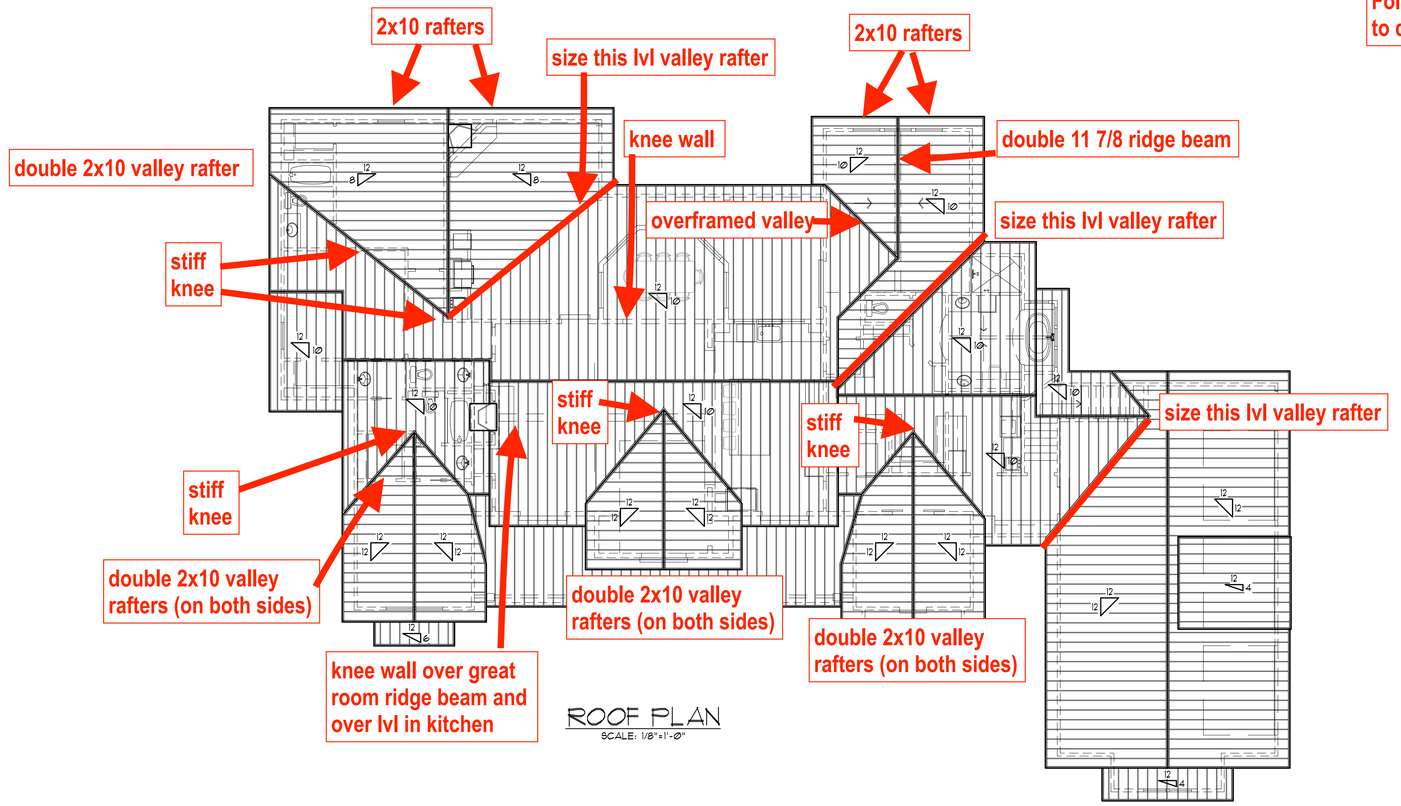
ELEVS. & CROSS SECTION

☐ Preliminary Dwg.
☐ Bidding Doc.
☐ Construction Doc.

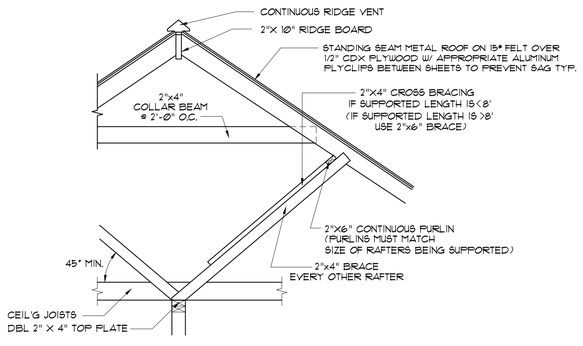
Sheet:

A3.0

All rafters 2x8, unless otherwise noted.
All ridge beams singe 2x10, unless otherwise noted.
Following NC Building Code, as opposed to drawing charts.



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



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

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ROOF PLAN

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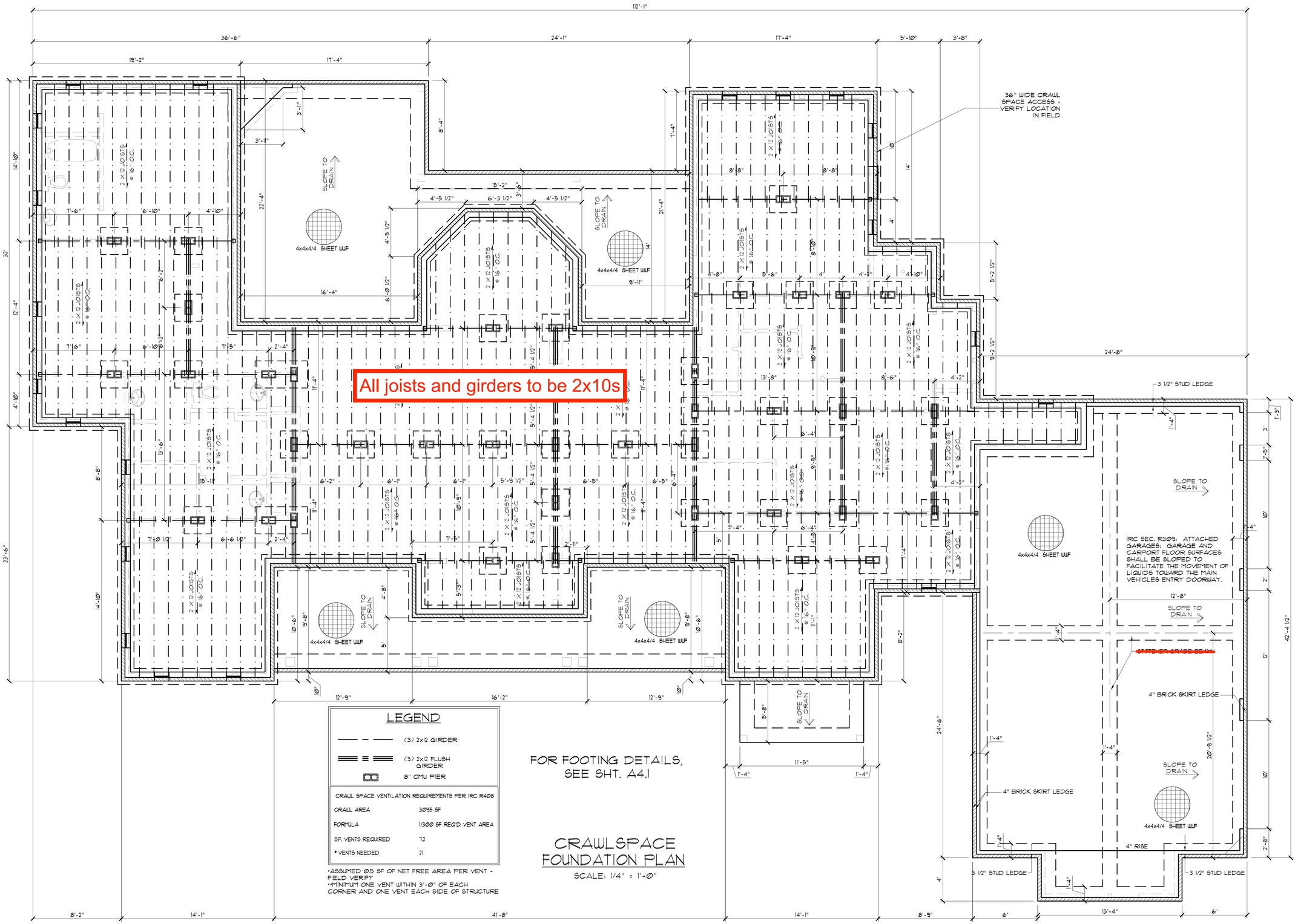
A3.1



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DESIGNED BY: Steven Madden

Sheet Title
FOUNDATION & JOIST PLAN

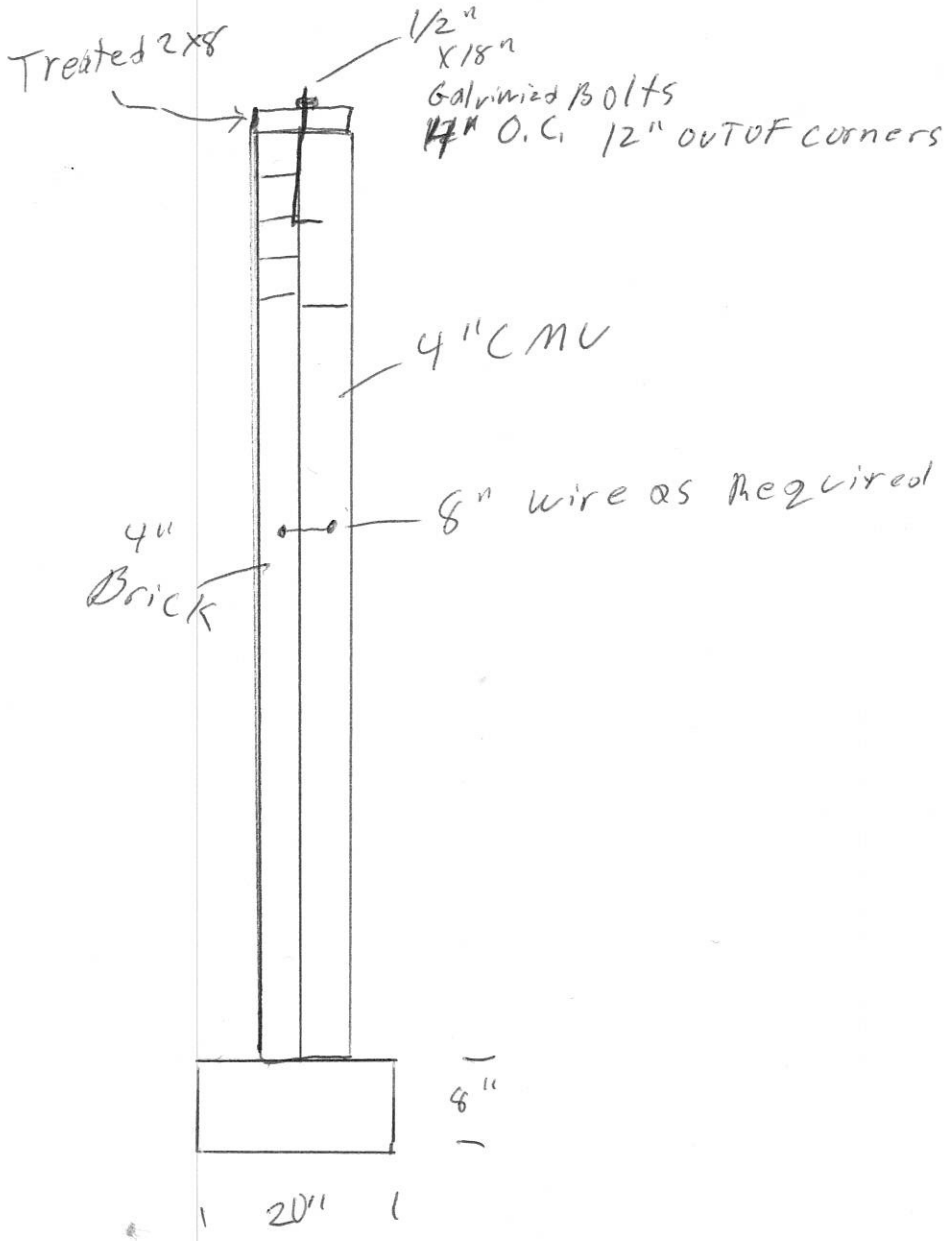
☐ Preliminary Dwg.
☐ Bidding Doc.
☐ Construction Doc.

Sheet:
A4.0

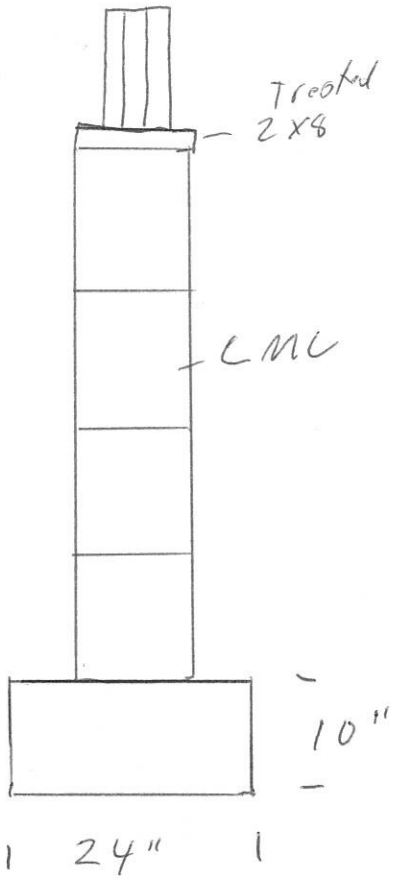
Ring

Typical

Footing & Foundation



Ring
Typical Pier



FOUNDATION AND SITE WORK NOTES:

1. CHECK ELECTRICAL PLAN FOR ANY CONDUIT OR FLOOR RECEPTACLES.
2. TERMITE TREAT THE SOIL PRIOR TO POURING CONCRETE AND RETAIN CERTIFICATE FOR OWNER.
3. GRADE LOT TO DRAIN AWAY FROM THE FOUNDATION A MINIMUM OF 6 INCHES IN THE FIRST 10 FEET.
4. CARPORT AND FRONT PORCH BEAMS ARE NOT SHOWN FOR CLARITY PURPOSES.
5. CONTRACTOR SHALL EXCAVATE ALL FOOTINGS TO SOLID, COMPACTED, UNDISTURBED FILL MEETING 98% MODIFIED PROCTOR AS TESTED.
6. ALL WELDED WIRE FABRIC SHALL BE 6X6 10/10 WWF.
7. POLYETHYLENE VAPOR BARRIER SHALL BE 6 MIL. THICKNESS.

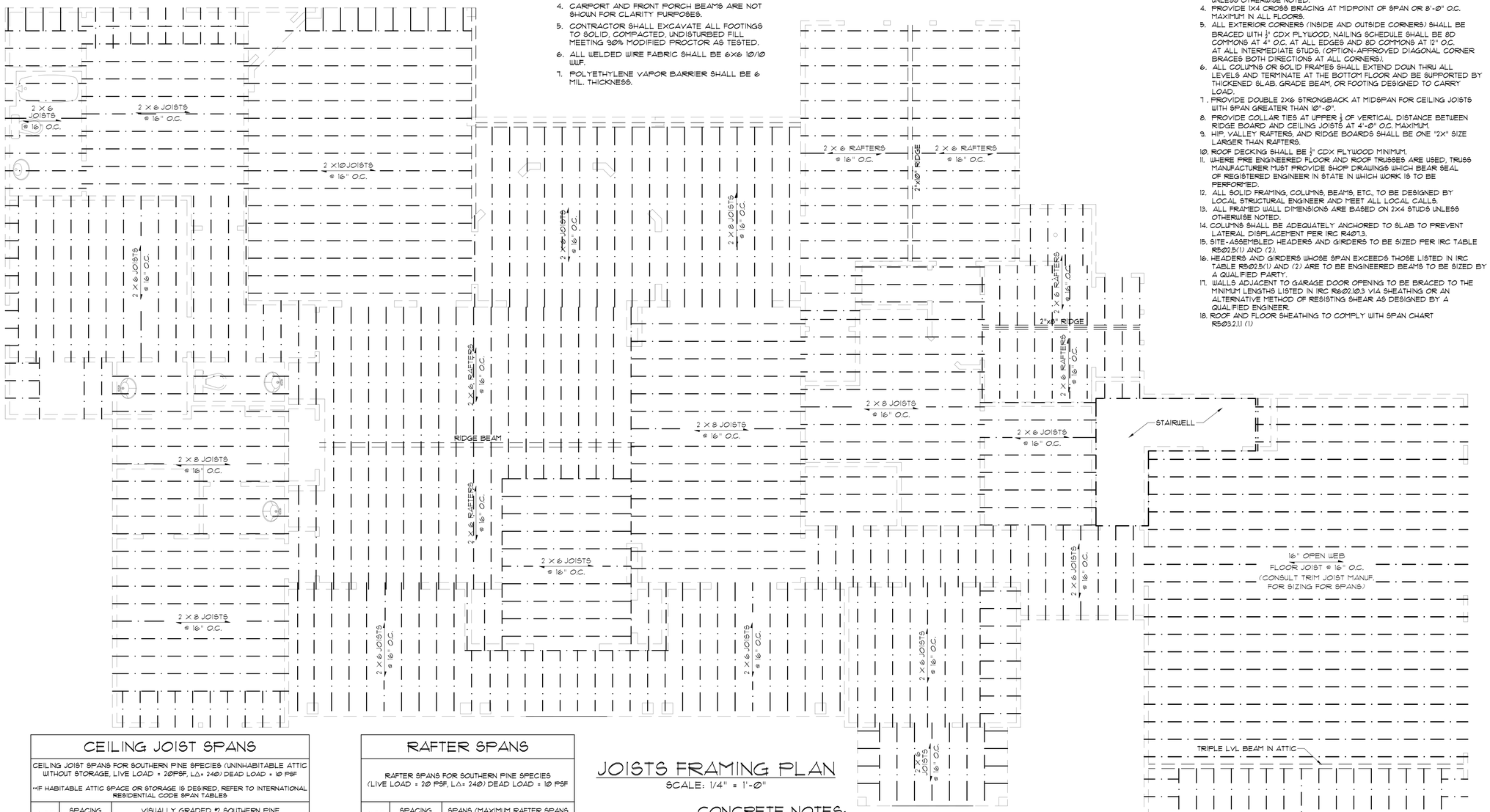
SITE PREPARATION NOTES:

1. REMOVE TOP SOIL (8" TO 12") AND DELETERIOUS MATERIAL.
2. PROOF ROLL SUBBASE WITH A LOADED 18 YARD DUMP TRUCK. REMOVE ALL "PUMPING AREAS."

GENERAL FRAMING NOTES:

THE FOLLOWING NOTES ARE SUGGESTED MINIMUM REQUIREMENTS ONLY. DUE TO A VARIANCE OF CODES PER REGION, PLEASE REFER AND COMPLY WITH ALL YOUR LOCAL CODES. CONSULT WITH LOCAL ENGINEERS FOR ALL STRUCTURAL REQUIREMENTS.

1. PROVIDE PURLINS AT MID HEIGHT OF ALL WALLS.
2. ALL JOIST AND RAFTERS SHALL BE ALIGNED OVER STUDS BELOW.
3. ALL HEADERS SHALL BE 2-2X10'S WITH ½" PLYWOOD FLITCH PLATE UNLESS OTHERWISE NOTED.
4. PROVIDE 1X4 CROSS BRACING AT MIDPOINT OF SPAN OR 8'-0" O.C. MAXIMUM IN ALL FLOORS.
5. ALL EXTERIOR CORNERS (INSIDE AND OUTSIDE CORNERS) SHALL BE BRACED WITH ½" CDX PLYWOOD, NAILING SCHEDULE SHALL BE 8D COMMONS AT 4" O.C. AT ALL EDGES AND 8D COMMONS AT 12" O.C. AT ALL INTERMEDIATE STUDS. (OPTION-APPROVED DIAGONAL CORNER BRACES BOTH DIRECTIONS AT ALL CORNERS).
6. ALL COLUMNS OR SOLID FRAMES SHALL EXTEND DOWN THRU ALL LEVELS AND TERMINATE AT THE BOTTOM FLOOR AND BE SUPPORTED BY THICKENED SLAB, GRADE BEAM, OR FOOTING DESIGNED TO CARRY LOAD.
7. PROVIDE DOUBLE 2X6 STRONGBACK AT MIDSPAN FOR CEILING JOISTS WITH SPAN GREATER THAN 10'-0".
8. PROVIDE COLLAR TIES AT UPPER ⅓ OF VERTICAL DISTANCE BETWEEN RIDGE BOARD AND CEILING JOISTS AT 4'-0" O.C. MAXIMUM.
9. HIP, VALLEY RAFTERS, AND RIDGE BOARDS SHALL BE ONE "2X" SIZE LARGER THAN RAFTERS.
10. ROOF DECKING SHALL BE ½" CDX PLYWOOD MINIMUM.
11. WHERE PRE ENGINEERED FLOOR AND ROOF TRUSSES ARE USED, TRUSS MANUFACTURER MUST PROVIDE SHOP DRAWINGS WHICH BEAR SEAL OF REGISTERED ENGINEER IN STATE IN WHICH WORK IS TO BE PERFORMED.
12. ALL SOLID FRAMING, COLUMNS, BEAMS, ETC., TO BE DESIGNED BY LOCAL STRUCTURAL ENGINEER AND MEET ALL LOCAL CALLS.
13. ALL FRAMED WALL DIMENSIONS ARE BASED ON 2X4 STUDS UNLESS OTHERWISE NOTED.
14. COLUMNS SHALL BE ADEQUATELY ANCHORED TO SLAB TO PREVENT LATERAL DISPLACEMENT PER IRC R403.3.
15. SITE-ASSEMBLED HEADERS AND GIRDERS TO BE SIZED PER IRC TABLE R502.5(1) AND (2).
16. HEADERS AND GIRDERS WHOSE SPAN EXCEEDS THOSE LISTED IN IRC TABLE R502.5(1) AND (2) ARE TO BE ENGINEERED BEAMS TO BE SIZED BY A QUALIFIED PARTY.
17. WALLS ADJACENT TO GARAGE DOOR OPENING TO BE BRACED TO THE MINIMUM LENGTHS LISTED IN IRC R602.10.3 VIA SHEATHING OR AN ALTERNATIVE METHOD OF RESISTING SHEAR AS DESIGNED BY A QUALIFIED ENGINEER.
18. ROOF AND FLOOR SHEATHING TO COMPLY WITH SPAN CHART R503.2.1.1 (1)



JOISTS FRAMING PLAN

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

DESIGN AND LAYOUT OF TRIM JOISTS TO BE PROVIDED BY TRIM JOIST MANUFACTURER

NOTE: ALL LUMBER TO BE #2 SOUTHERN PINE

CEILING JOIST SPANS

CEILING JOIST SPANS FOR SOUTHERN PINE SPECIES (UNINHABITABLE ATTIC WITHOUT STORAGE, LIVE LOAD = 20PSF, L/Δ= 240) DEAD LOAD = 10 PSF

••IF HABITABLE ATTIC SPACE OR STORAGE IS DESIRED, REFER TO INTERNATIONAL RESIDENTIAL CODE SPAN TABLES

SIZE	SPACING (INCHES)	VISUALLY GRADED #2 SOUTHERN PINE (MAXIMUM CEILING JOIST SPAN) (FT.-IN.)
2"x4"	12.0	9-3
	16.0	8-0
	19.2	7-4
	24.0	6-7
2"x6"	12.0	13-11
	16.0	12-0
	19.2	11-0
	24.0	9-10
2"x8"	12.0	17-7
	16.0	15-3
	19.2	13-11
	24.0	12-6
2"x10"	12.0	20-11
	16.0	18-1
	19.2	16-6
	24.0	14-9

NOTE: THE ABOVE TABLE IS BASED ON THE IRC 2018 TABLE R802.5.1 (2)

RAFTER SPANS

RAFTER SPANS FOR SOUTHERN PINE SPECIES (LIVE LOAD = 20 PSF, L/Δ= 240) DEAD LOAD = 10 PSF

SIZE	SPACING (INCHES)	SPANS (MAXIMUM RAFTER SPANS BETWEEN BRACING) (FT.-IN.)
2"x6"	12.0	12-11
	16.0	11-2
	19.2	10-2
	24.0	9-2
2"x8"	12.0	16-4
	16.0	14-2
	19.2	12-11
	24.0	11-7
2"x10"	12.0	19-5
	16.0	16-10
	19.2	15-4
	24.0	13-9
2"x12"	12.0	22-10
	16.0	19-10
	19.2	18-1
	24.0	16-2

NOTE: THE ABOVE TABLE IS BASED ON THE IRC 2018 TABLE R802.4.1 (3)

CONCRETE NOTES:

1. REFER TO BUILDING PLANS FOR DOOR OPENINGS AND EXACT DIMENSIONS.
2. USE CONCRETE BRICK SUPPORTS TO MAINTAIN REINFORCING CLEARANCES. DO NOT USE CMU OR FACE BRICK.
3. FOUNDATION DESIGN BASED ON A-4 FILL DIRT COMPACTED TO 95% DENSITY (ASTM D-1557). FILL PLACED @ 8" MAX. LIFTS.
4. ALL CONCRETE SHALL DEVELOP 3,000 PSI COMPRESSIVE STRENGTH @ 28 DAYS. PLACE CONCRETE W/ MAXIMUM SLUMP OF 6". PROVIDE SLUMP TEST AND CYLINDERS AT BEGINNING AND MIDPOINT OF POUR.
5. GRADE 40 DEFORMED REINFORCING.
6. ASTM-185 WLF REINFORCING.
7. APPLY A LIQUID MEMBRANE CURING CHEMICAL TO ALL CONCRETE SURFACES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. W.R. GRACE PRODUCT OR EQUAL.
8. CONTRACTOR SHALL COORDINATE ALL DOOR LOCATIONS AND OMIT NOTCHES ACCORDINGLY.
9. 2" CLEARANCE FOR REBAR, SIDES AND BOTTOM.
10. MINIMUM SLAB THICKNESS SHALL BE 4" ON HOUSE AND ANY SIDEWALKS INCLUDING DRIVEWAY.
11. FINISH GRADE TO SLOPE AWAY FROM THE HOUSE.
12. REFER TO ELECTRICAL PLAN FOR IN-SLAB WIRING AND OUTLET REQUIREMENTS.
13. CONTRACTOR SHALL EXCAVATE ALL FOOTINGS TO SOLID, UNDISTURBED SOIL.
14. 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.
15. ALL DRIVEWAY POURS 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.

Project

RESIDENCE OF

KELLEE RING

MADDEN HOME DESIGN

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

A | BD©

Project No.: The Tanglewood-Mirror

DATE: JANUARY 3, 2022

DRAWN BY: Steven Madden

DESIGNED BY: Steven Madden

Sheet Title

JOISTS FRAMING PLAN

☐ Preliminary Dwg.
☐ Bidding Doc.
☐ Construction Doc.

Sheet:

A5.0

PRE-WIRE FOR THE FOLLOWING:

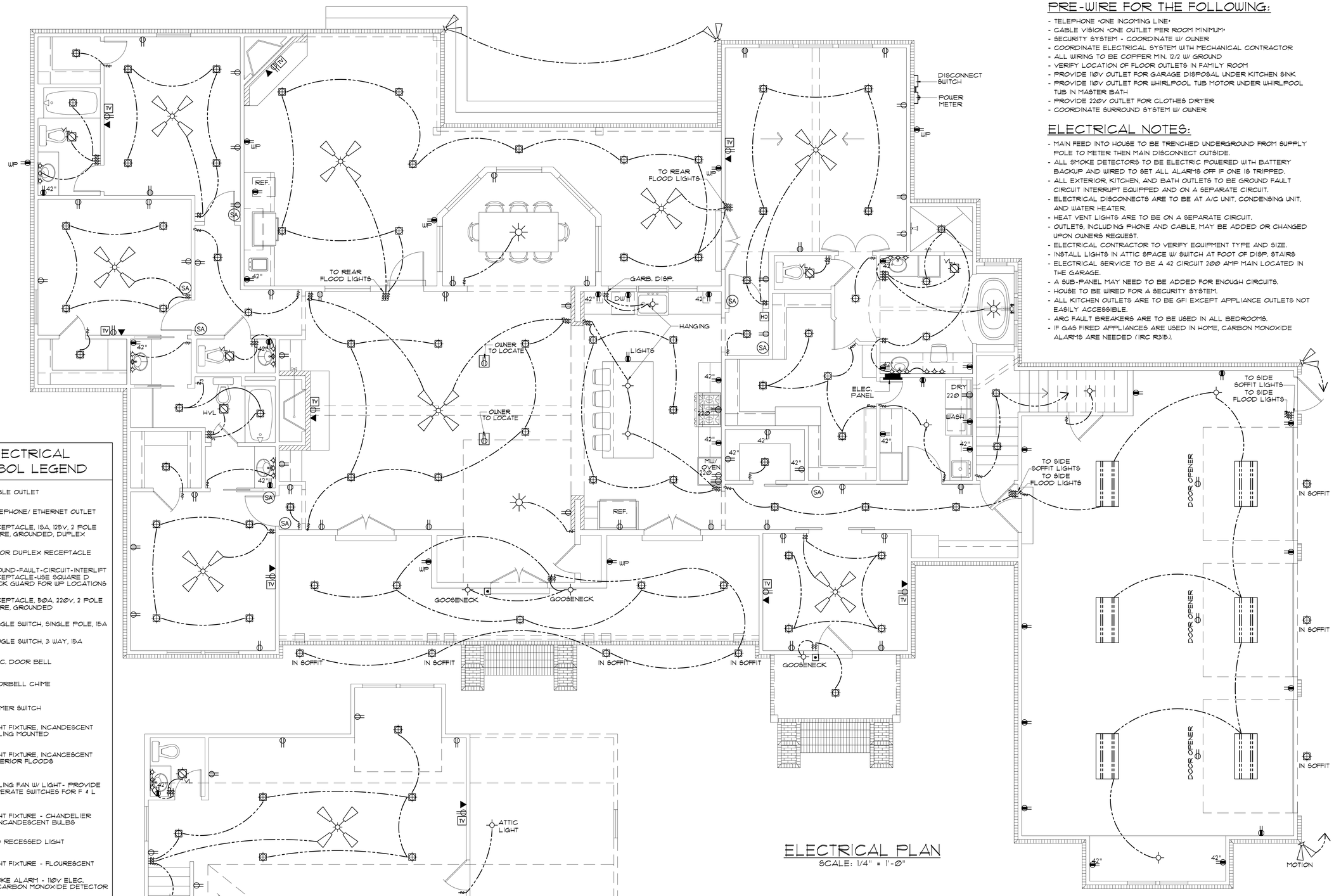
- TELEPHONE •ONE INCOMING LINE•
- CABLE VISION •ONE OUTLET PER ROOM MINIMUM•
- SECURITY SYSTEM - COORDINATE W/ OWNER
- COORDINATE ELECTRICAL SYSTEM WITH MECHANICAL CONTRACTOR
- ALL WIRING TO BE COPPER MIN. 12/2 W/ GROUND
- VERIFY LOCATION OF FLOOR OUTLETS IN FAMILY ROOM
- PROVIDE 110V OUTLET FOR GARAGE 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

ELECTRICAL NOTES:

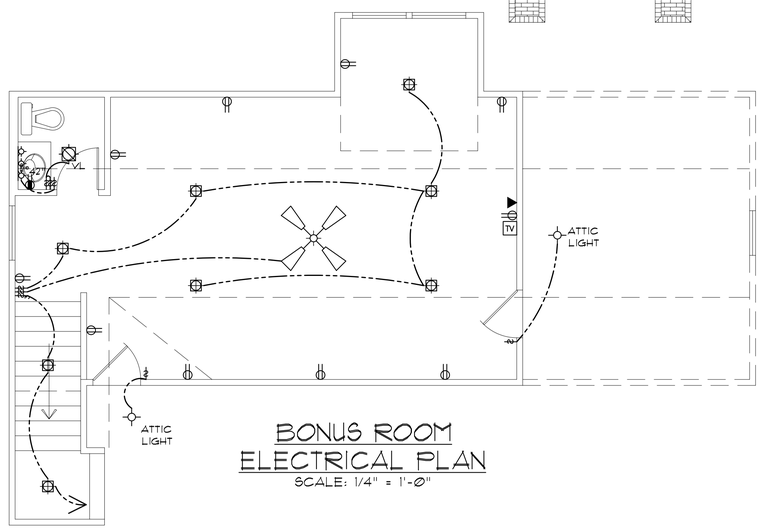
- MAIN FEED INTO HOUSE TO BE TRENCHED UNDERGROUND FROM SUPPLY POLE TO METER THEN MAIN DISCONNECT OUTSIDE.
- ALL SMOKE DETECTORS TO BE ELECTRIC POWERED WITH BATTERY BACKUP AND WIRED TO SET ALL ALARMS OFF IF ONE IS TRIPPED.
- ALL EXTERIOR, KITCHEN, AND BATH OUTLETS TO BE GROUND FAULT CIRCUIT INTERRUPT 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 GARAGE.
- 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).

ELECTRICAL SYMBOL LEGEND

- TV — CABLE OUTLET
- ▼ — TELEPHONE/ ETHERNET OUTLET
- RECEPTACLE, 15A, 125V, 2 POLE 3 WIRE, GROUNDED, DUPLEX
- FLOOR DUPLEX RECEPTACLE
- GROUND-FAULT-CIRCUIT-INTERLIFT RECEPTACLE-USE SQUARE D QUICK GUARD FOR WP LOCATIONS
- 220 — RECEPTACLE, 50A, 220V, 2 POLE 3 WIRE, GROUNDED
- $ — TOGGLE SWITCH, SINGLE POLE, 15A
- $3 — TOOGLE SWITCH, 3 WAY, 15A
- ELEC. DOOR BELL
- CH — DOORBELL CHIME
- D $ — DIMMER SWITCH
- LIGHT FIXTURE, INCANDESCENT CEILING MOUNTED
- LIGHT FIXTURE, INCANCESCENT EXTERIOR FLOODS
- CEILING FAN W/ LIGHT- PROVIDE SEPERATE SWITCHES FOR F & L
- LIGHT FIXTURE - CHANDELIER W/ INCANDESCENT BULBS
- LED RECESSED LIGHT
- LIGHT FIXTURE - FLOURESCENT
- SA — SMOKE ALARM - 110V ELEC. W/ CARBON MONOXIDE DETECTOR
- VANITY LIGHT
- VL — VENT/LIGHT RECESSED CAN
- HVL — HEAT/VENT/LIGHT
- VL — VENT/LIGHT ONLY
- SCONCE LIGHT
- ELECTRIC LANTERN



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



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

MADDEN HOME DESIGN LLC NOT BEING AN ARCHITECTURAL OR ENGINEERING FIRM ASSUMES NO LIABILITY FOR STRUCTURAL OR ARCHITECTURAL DESIGN INTEGRITY. EVERY EFFORT HAS BEEN MADE TO INSURE ALL DIMENSIONS ARE CORRECT. HOWEVER, SHOULD ANY ERROR HAVE BEEN MET, IF AN ERROR OR OMISSION DOES OCCUR IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR OMMISION AT HIS OWN EXPENSE AND NOT THE RESPONSIBILITY OF THE DRAFTING SERVICE. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF DIMENSIONS IN THE FIELD AND SHALL BUILD HOME IN ACCORDANCE WITH THE INTERNATIONAL RESIDENTIAL CODE 2015.

Project

RESIDENCE OF
KELLEE RING

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

A | BD

Project No.: The Tanglewood-Mirror
DATE: JANUARY 3, 2022
DRAWN BY: Steven Madden
DESIGNED BY: Steven Madden

Sheet Title
ELECTRICAL PLAN

☐ Preliminary Dwg.
☐ Bidding Doc.
☐ Construction Doc.

Sheet:
E1.0

SECOND FLOOR FRAMING

Second Floor

LVL/LSL (Flush)

Qty	Label	Description	Width	Depth	Length
2	F1	2.1E RigidLam LVL SP	1.75	11.875	14-0-0
2	F30	2.1E RigidLam LVL SP	1.75	24	26-0-0
2	F3	2.1E RigidLam LVL SP	1.75	24	24-0-0

LVL/LSL (Dropped)

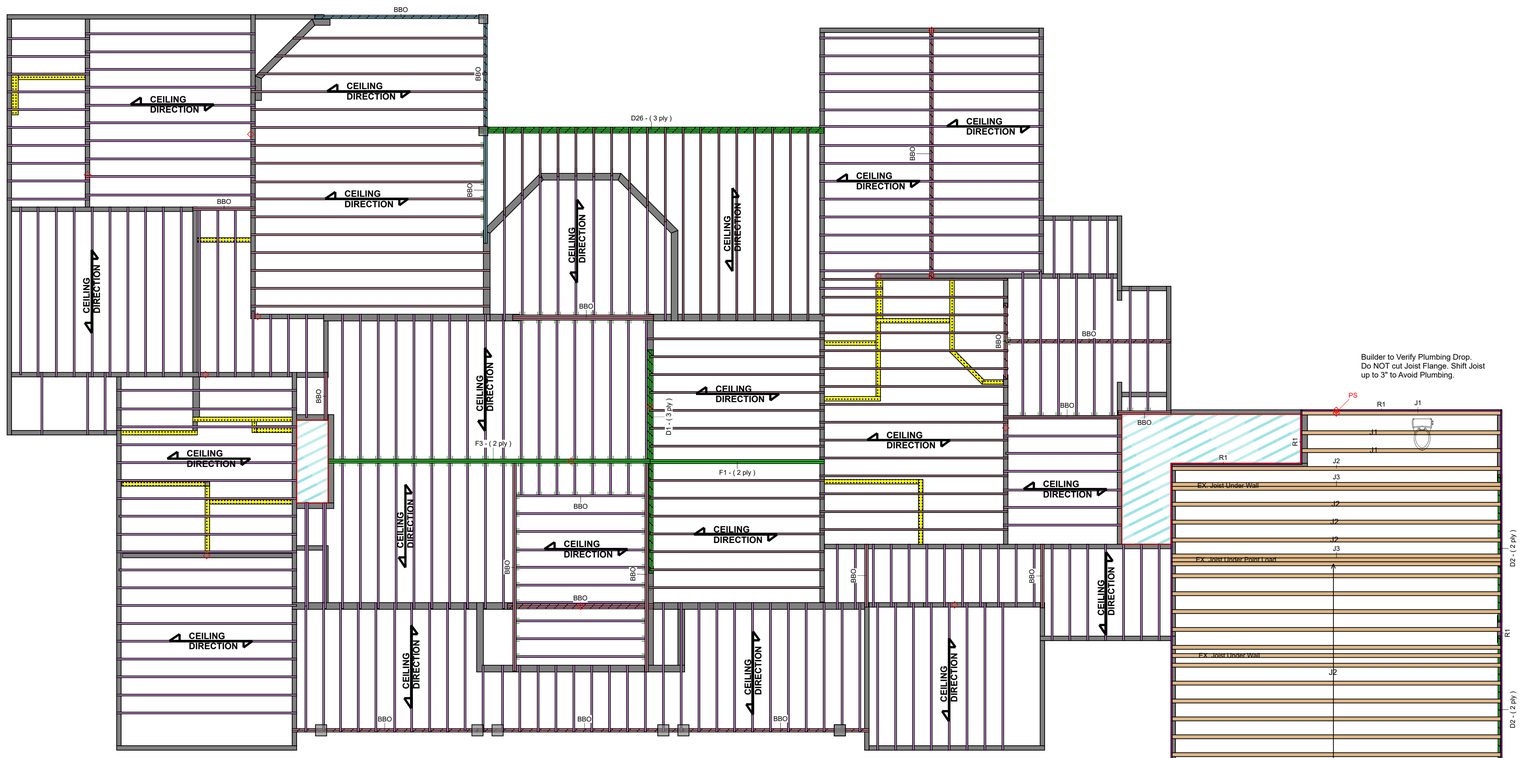
Qty	Label	Description	Width	Depth	Length
6	D2	2.1E RigidLam LVL SP	1.75	11.875	12-0-0
3	D26	2.1E RigidLam LVL SP	1.75	16	26-0-0
3	D1	2.1E RigidLam LVL SP	1.75	16	18-0-0

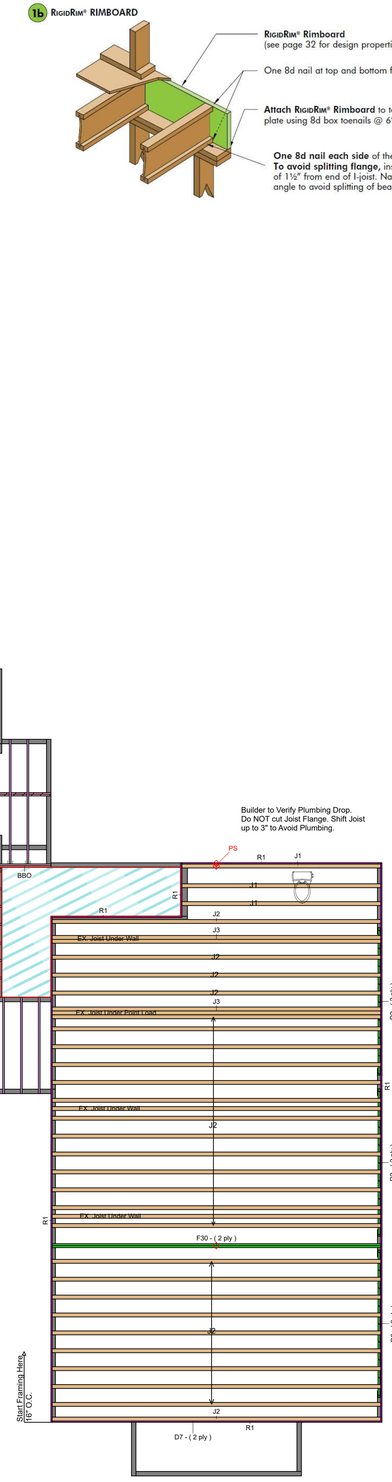
I Joist (Flush)

Qty	Label	Description	Width	Depth	Length
29	J2	RFPI 80S	3.5	16	26-0-0
4	J3	RFPI 80S	3.5	16	26-0-0
3	J1	RFPI 80S	3.5	16	16-0-0

Rim Board

Qty	Label	Description	Thickn…	Depth	Length
12	R1	RigidRim .55E OSB Rim Board 1.125 X 16	1.125	16	12-0-0



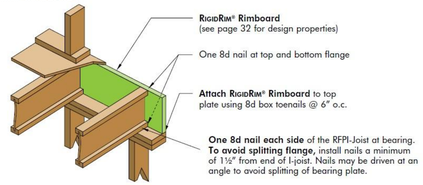


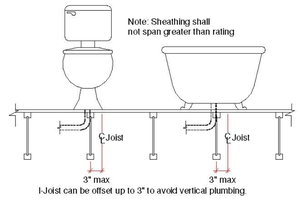
BBO = Lumber Material Beam By Others.

General Notes:

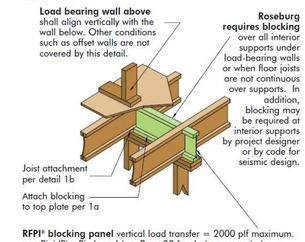
1. Read EWP Design Guide before framing.
2. Use the correct span rated sheathing for joist spacing.
3. I Joist, LVL Beams and Rim Board must be field cut to length.
4. Contractor to verify and approve quantities, lengths, and design loads as specified.
5. See Designer/Architect's plans or builder blueprints for dimensions unless noted otherwise.
6. Ceramic tile floors should be supported per recommendations based on specifications of the TCA. Additional joists may be required for tile floors.
7. Provide plumbing and HVAC contractors with I Joist hole cutting instructions shown in EWP Design Guide.
8. Builder to verify location of plumbing drops and shift I Joist accordingly. I Joist may be shifted up to 3" for plumbing drops.
9. Hangers to be installed per manufacturer's recommendations.
10. All rafters, ceiling joist and roof bracing to bear on load bearing walls and beams designed to carry down through all levels and terminate at the foundation, unless otherwise noted.
11. To attach deck ledger, use adequate band board per manufacturer's recommendations.
12. See structural drawing for post down locations and bearing requirements.
13. Solid blocking required at all concentrated load bearing points.

1b RIGIDRIM® RIMBOARD

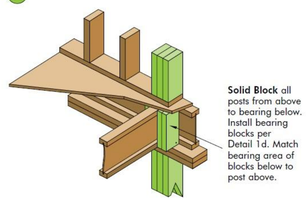




1g RFPI BLOCKING PANELS AT INTERIOR SUPPORT

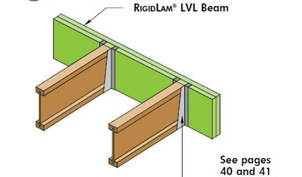


1e BEARING BLOCK DETAIL



Solid Block all posts from above to bearing below. Install bearing blocks per Detail 1d. Match bearing area of blocks below to post above.

1i HANGER TO LVL BEAM DETAIL



Top- or face-mounted hanger installed per hanger manufacturer's recommendations

Note: Unless hanger sides laterally support the top flange, web stiffeners shall be used. (See Figure B on page 23)

See pages 40 and 41 for details on attaching multiple ply LVL beams.

Cutting & Drilling

Do not allow workers to walk on I-joists or LVL beams until they are fully installed and braced, or serious injuries can result.

- **DO NOT** drill holes in top and bottom flanges.
- **DO NOT** notch the top and bottom flanges.
- **DO NOT** cut saw kerfs in top and bottom flanges.
- **DO NOT** drill holes in webs at bearing locations.

Never stack building materials over unsheathed I-joists. Stack only over braced beams or walls.

Diamond Hill Plywood
2706 White Horse Rd
Greenville, SC
USA
29611
8668462715

Project
14717

Builder
Mt Olive Building Supply

Layout Name
14717-Kellee Ring Residence

Created
January 11, 2023

Revised
January 11, 2023

Sales Rep
Danny Strictland

Designer
Shane Wright

Bearing Wall
Non-Bearing Wall
Flush Beam LVL
Dropped Beam LVL
Flush Beam B.B.O
Dropped Beam B.B.O
I-Joist
Double I-Joist
Rimboard
Blocking Line
Column
Point Load From Above
PS Point Load Support

TECHNICAL SUPPORT (866) 846-2715
Se Habla Español

Second Floor

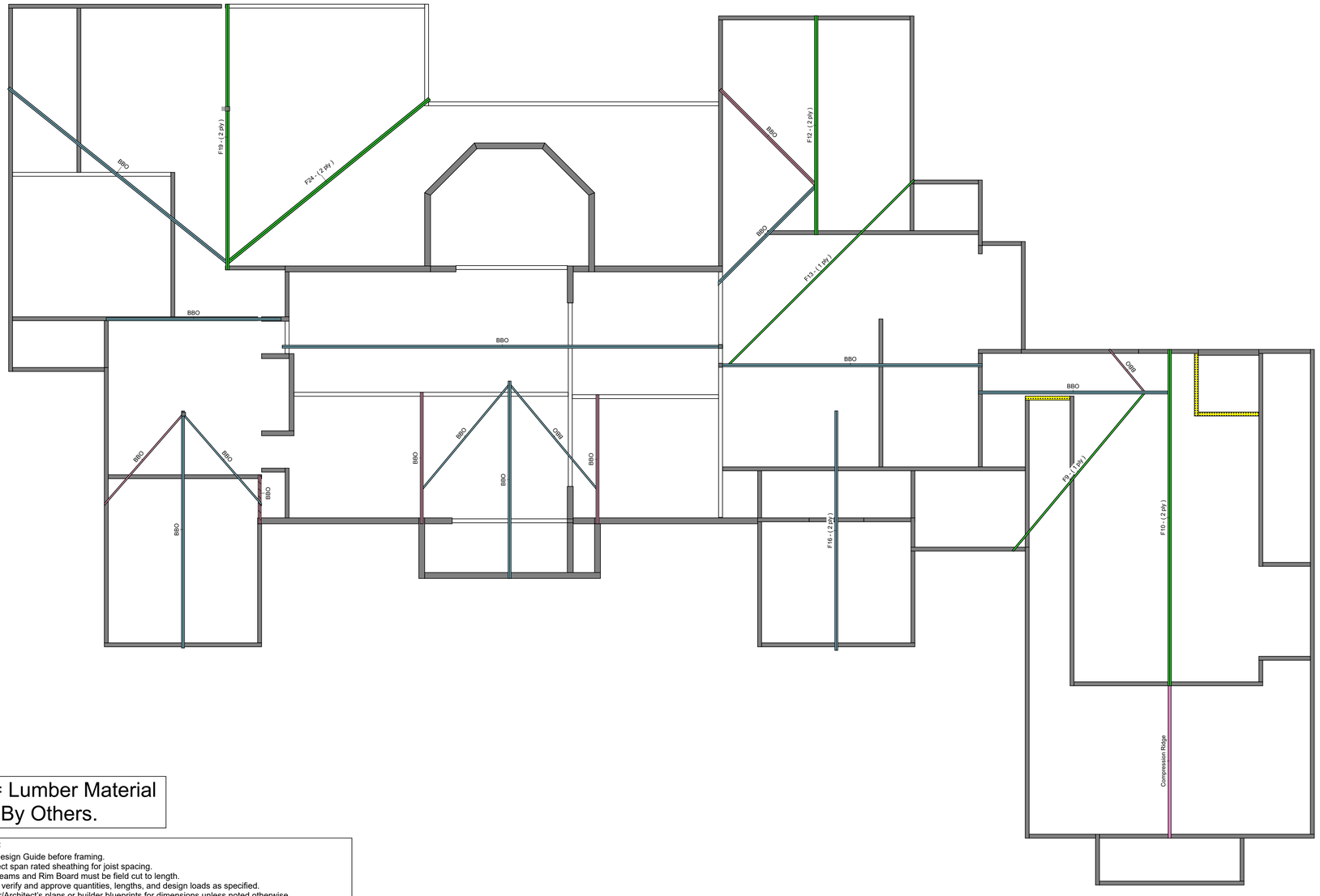
Design Method	ASD (USA)
Building Code	IRC 2018
Floor	
Loads	
Live	20
Dead	10
Deflection Joist	
LL Span L/	480
TL Span L/	240
Deflection Flush Girder	
LL Span L/	480
TL Span L/	240
Deflection Dropped Girder	
LL Span L/	480
TL Span L/	240
Deflection Header	
LL Span L/	480
TL Span L/	240
Decking	
Decking	OSB 23/32 APA Rated Sturd-I-Floor
Fastener	Nailed & Glued

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

ROOF FRAMING

Roof
LVL/LSL (Flush)

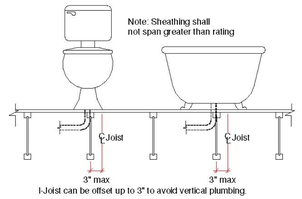
Qty	Label	Description	Width	Depth	Length
2	F19	2.1E RigidLam LVL SP	1.75	9.25	24-0-0
1	F9	2.1E RigidLam LVL SP	1.75	11.875	26-0-0
2	F12	2.1E RigidLam LVL SP	1.75	11.875	20-0-0
1	F13	2.1E RigidLam LVL SP	1.75	14	30-0-0
2	F24	2.1E RigidLam LVL SP	1.75	16	30-0-0
2	F10	2.1E RigidLam LVL SP	1.75	24	30-0-0



BBO = Lumber Material
Beam By Others.

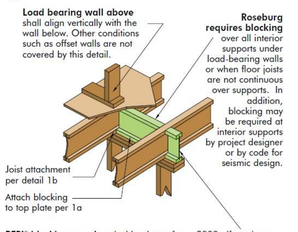
General Notes:

1. Read EWP Design Guide before framing.
2. Use the correct span rated sheathing for joist spacing.
3. I Joist, LVL Beams and Rim Board must be field cut to length.
4. Contractor to verify and approve quantities, lengths, and design loads as specified.
5. See Designer/Architect's plans or builder blueprints for dimensions unless noted otherwise.
6. Ceramic tile floors should be supported per recommendations based on specifications of the TCA. Additional joists may be required for tile floors.
7. Provide plumbing and HVAC contractors with I Joist hole cutting instructions shown in EWP Design Guide.
8. Builder to verify location of plumbing drops and shift I Joist accordingly. I Joist may be shifted up to 3" for plumbing drops.
9. Hangers to be installed per manufacturer's recommendations.
10. All rafters, ceiling joist and roof bracing to bear on load bearing walls and beams designed to carry down through all levels and terminate at the foundation, unless otherwise noted.
11. To attach deck ledger, use adequate band board per manufacturer's recommendations.
12. See structural drawing for post down locations and bearing requirements.
13. Solid blocking required at all concentrated load bearing points.



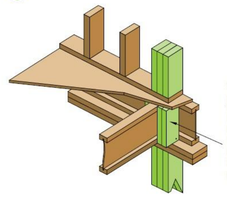
I-Joist can be offset up to 3" to avoid vertical plumbing.

1g RFPI BLOCKING PANELS AT INTERIOR SUPPORT



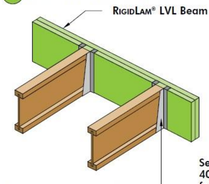
RFPI® blocking panel vertical load transfer = 2000 plf maximum.
-or- RigidRim Rimboard (see Page 32 for design properties)

1e BEARING BLOCK DETAIL



Solid Block all posts from above to bearing below. Install bearing blocks per Detail 1d. Match bearing area of blocks below to post above.

1i HANGER TO LVL BEAM DETAIL

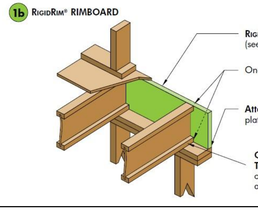


Top- or face-mounted hanger installed per hanger manufacturer's recommendations

See pages 40 and 41 for details on attaching multiple ply LVL beams.

Note: Unless hanger sides laterally support the top flange, web stiffeners shall be used. (See Figure B on page 23)

1b RigidRim® RIMBOARD



Diamond Hill Plywood
2706 White Horse Rd
Greenville, SC
USA
29611
8668462715

Project
14717

Builder
Mt Olive Building Supply

Layout Name
14717-Kellee Ring Residence

Created
January 11, 2023

Revised
January 11, 2023

Sales Rep
Danny Strictland

Designer
Shane Wright

- Bearing Wall
- Non-Bearing Wall
- Flush Beam LVL
- Dropped Beam LVL
- Flush Beam B.B.O
- Dropped Beam B.B.O
- I-Joist
- Double I-Joist
- Rimboard
- Blocking Line
- Column
- Point Load From Above
- PS Point Load Support

Cutting & Drilling

Do not allow workers to walk on I-joists or LVL beams until they are fully installed and braced, or serious injuries can result.

- **DO NOT** drill holes in top and bottom flanges.
- **DO NOT** notch the top and bottom flanges.
- **DO NOT** cut saw kerfs in top and bottom flanges.
- **DO NOT** drill holes in web at bearing locations.

Never stack building materials over unsheathed I-joists. Stack only over braced beams or walls.

TECHNICAL SUPPORT (866) 846-2715
Se Habla Español

Roof

Design Method	ASD (USA)
Building Code	IRC 2018

Floor

Loads

Live	0
Dead	15
Snow	20

Deflection Joist

LL Span L/	480
TL Span L/	240

Deflection Flush Girder

LL Span L/	480
TL Span L/	240

Deflection Dropped Girder

LL Span L/	480
TL Span L/	240

Deflection Header

LL Span L/	480
TL Span L/	240

Decking

Decking	OSB
	23/32 APA Rated Sturd-I-Floor

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

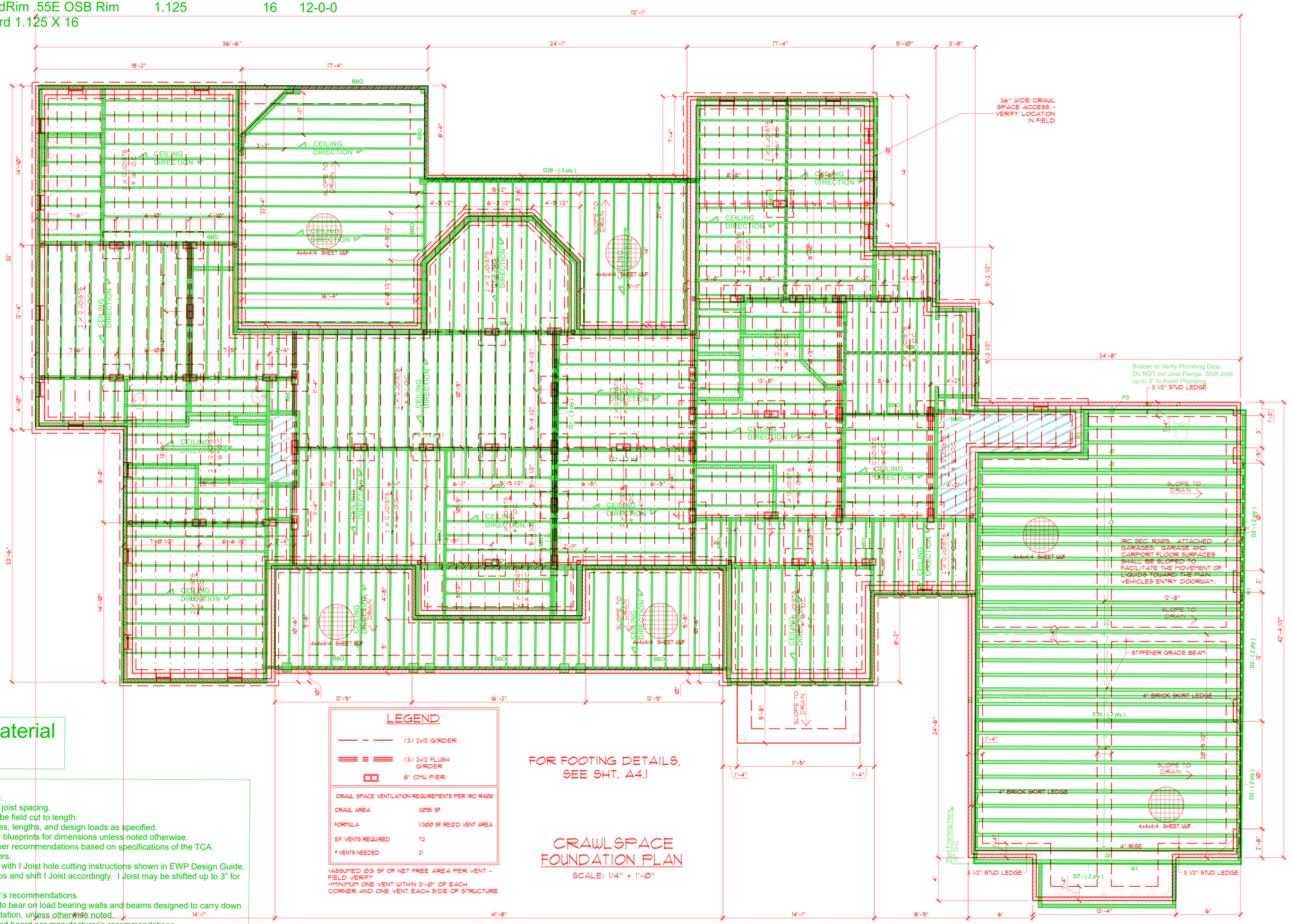
Roseburg
A Forest Products Company

EWP Studio
Simpson Strong-Tie®
Component Solutions™

RFPI 80S		3.5	16	26-0-0
RFPI 80S		3.5	16	16-0-0

d

Label	Description	Thickn…	Depth	Length
R1	RigidRim .55E OSB Rim Board 1.125 X 16	1.125	16	12-0-0



LEGEND

- (3) 2x12 GIRDER
- (3) 2x12 FLUSH GIRDER
- 8" CMU PIER

CRAWL SPACE VENTILATION REQUIREMENTS PER IRC R408	
CRAWL AREA	3095 SF
FORMULA	1/300 SF REQ'D VENT AREA
SF. VENTS REQUIRED	12
# VENTS NEEDED	21

*ASSUMED @.5 SF OF NET FREE AREA PER VENT - FIELD VERIFY
**MINIMUM ONE VENT WITHIN 3'-0" OF EACH CORNER AND ONE VENT EACH SIDE OF STRUCTURE

FOR FOOTING DETAILS, SEE SHT. A4.1

CRAWLSPACE FOUNDATION PLAN

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

umber Material
y Others.

Guide before framing.
n rated sheathing for joist spacing.
and Rim Board must be field cut to length.
and approve quantities, lengths, and design loads as specified.
tect's plans or builder blueprints for dimensions unless noted otherwise.
should be supported per recommendations based on specifications of the TCA.
e required for tile floors.
nd HVAC contractors with I Joist hole cutting instructions shown in EWP Design Guide.
ation of plumbing drops and shift I Joist accordingly. I Joist may be shifted up to 3" for

lled per manufacturer's recommendations.
oist and roof bracing to bear on load bearing walls and beams designed to carry down
terminate at the foundation, unless otherwise noted.
ger, use adequate band board per manufacturer's recommendations.
wing for post down locations and bearing requirements.
uired at all concentrated load bearing points.

RESIDENCE OF
KELLEE RING

Project

1b RFPI BLOCKING PA
Load bearing wall
shall align vertically
wall below. Other co
such as offset walls a
covered by this detail

Joist attachment per detail 1b

Attach blocking to top plate per 1a

RFPI® blocking panel
-or- RigidRim Rimboard (s

1e BEARING BLOCK DET

MADDEN HOME DESIGN
8375 Rushing Road
Denham Springs, Louisiana
70726
Phone: (225) 791-2212

1i HANGER TO LVL

Project No.: The Tanglewood-Mirror
DATE: JANUARY 3, 2022
DRAWN BY: Steven Madden
DESIGNED BY: Steven Madden

Top- or face-mounted
installed per hanger ma
recommendations

Note: Unless hanger si
support the top flange,
shall be braced. (See Figu

Sheet Title
FOUNDATION & JOIST PLAN

☐ Preliminary Dwg.
☐ Bidding Doc.
☐ Construction Doc.

Sheet:
A4.0

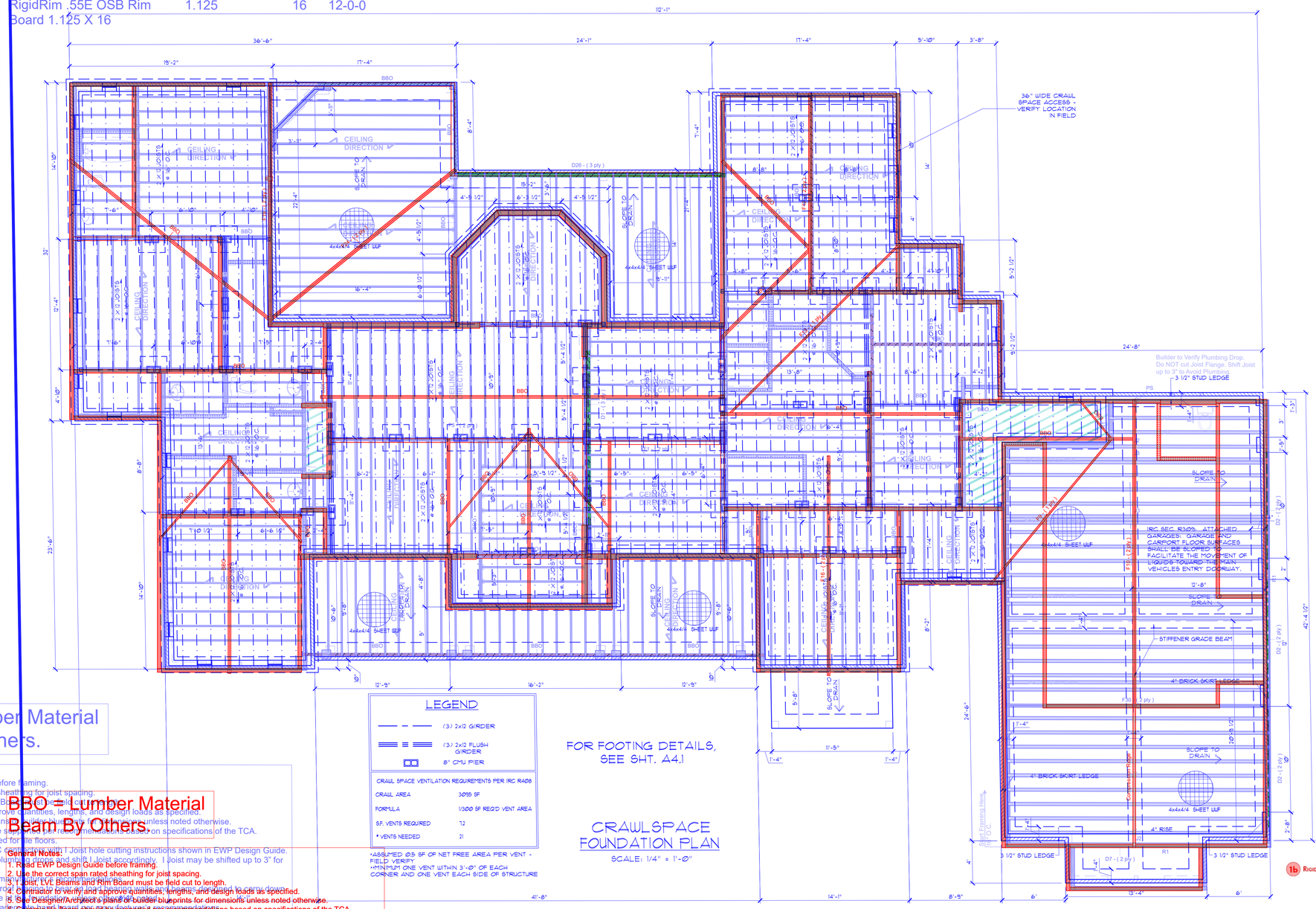
ROOF FRAMING

Roof
LVL/LSL (Flush)

Qty	Label	Description	Width	Depth	Length
2	F19	2.1E RigidLam LVL SP	1.75	9.25	24-0-0
1	F9	2.1E RigidLam LVL SP	1.75	11.875	26-0-0
2	F12	2.1E RigidLam LVL SP	1.75	11.875	20-0-0
1	F13	2.1E RigidLam LVL SP	1.75	16	30-0-0
2	F24	2.1E RigidLam LVL SP	1.75	16	30-0-0
2	F10	2.1E RigidLam LVL SP	1.75	24	30-0-0

RFPI 80S 2 F12 2.1E RigidLam LVL SP 1.75 26-0-0
RFPI 80S 1 F13 2.1E RigidLam LVL SP 1.75 16-0-0

d
.abel Description Thickn… Depth Length
R1 RigidRim .55E OSB Rim 1.125 16 12-0-0
Board 1.125 X 16



LEGEND

(3) 2x12 GIRDER
(3) 2x12 FLUSH GIRDER
8" CMU PIER

CRAWL SPACE VENTILATION REQUIREMENTS PER IRC R408	
CRAWL AREA	3095 SF
FORMULA	1/300 SF REQ'D VENT AREA
SF. VENTS REQUIRED	12
# VENTS NEEDED	21

*ASSUMED Ø.5 SF OF NET FREE AREA PER VENT - FIELD VERIFY
*MINIMUM ONE VENT WITHIN 3'-Ø" OF EACH CORNER AND ONE VENT EACH SIDE OF STRUCTURE

CRAWLSPACE FOUNDATION PLAN

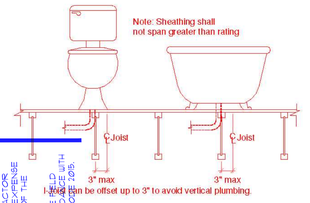
SCALE: 1/4" = 1'-Ø"

umber Material
Others.

Guide before framing.
n rated sheathing for joist spacing.
and Rim Board must be field cut to length.
and approve quantities, lengths, and design loads as specified.
tect's plans or builder blueprints for dimensions unless noted otherwise.
should be supported per recommendations based on specifications of the TCA.
e required for multiple floors.
nd HVAC contractors with I Joist hole cutting instructions shown in EWP Design Guide.
ation of plumbing drops and shift I Joist accordingly. I Joist may be shifted up to 3" for
lled per manufacturer's recommendations.
oist and roof bearing walls and beams designed to carry down
terminate at the foundation, unless otherwise noted.
ger, use adequate band board per manufacturer's recommendations.
iving for post down locations and bearing requirements.
uired at all concentrated load bearing points.

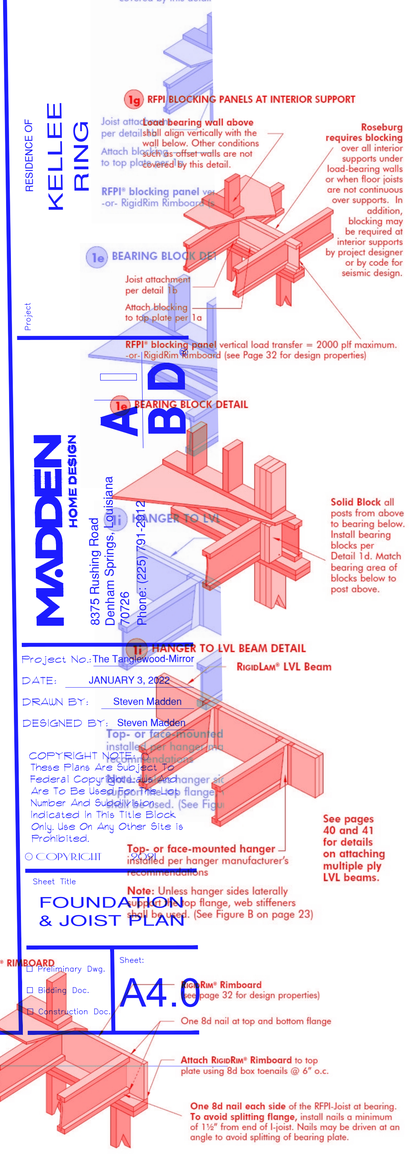
BB(0) = Lumber Material
Beam By Others

General Notes:
1. Read EWP Design Guide before framing.
2. Use the correct span rated sheathing for joist spacing.
3. I Joist, LVL Beams and Rim Board must be field cut to length.
4. Contractor to verify and approve quantities, lengths, and design loads as specified.
5. See Designer/Architect's plans or builder blueprints for dimensions unless noted otherwise.
6. Ceramic tile floors should be supported per recommendations based on specifications of the TCA.
Additional joists may be required for tile floors.
7. Provide plumbing and HVAC contractors with I Joist hole cutting instructions shown in EWP Design Guide.
8. Builder to verify location of plumbing drops and shift I Joist accordingly. I Joist may be shifted up to 3" for plumbing drops.
9. Hangers to be installed per manufacturer's recommendations.
10. All rafters, ceiling joist and roof bracing to bear on load bearing walls and beams designed to carry down through all levels and terminate at the foundation, unless otherwise noted.
11. To attach deck ledger, use adequate band board per manufacturer's recommendations.
12. See structural drawing for post down locations and bearing requirements.
13. Solid blocking required at all concentrated load bearing points.



MADDEN HOME DESIGN, LLC NOT BEING AN ARCHITECTURAL OR ENGINEERING FIRM ASSUMES NO LIABILITY FOR STRUCTURAL ADEQUACY, DESIGN OR INTEGRITY. EVERY EFFORT HAS BEEN MADE TO INSURE ALL DIMENSIONS AND CALCULATIONS HAVE BEEN MET. IF AN ERROR OR OMISSION DOES OCCUR, IT IS THE CONTRACTOR AND/OR OWNER'S RESPONSIBILITY TO NOTIFY MADDEN HOME DESIGN AT THE EARLIEST POSSIBLE TIME. MADDEN HOME DESIGN ASSUMES NO LIABILITY FOR ANY ERROR OR OMISSION AND/OR THE EXPENSE INCURRED TO CORRECT THE SAME. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL PLANS BEFORE CONSTRUCTION BEGINS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DIMENSION OR DETAIL SHOWN ON THE PLANS THAT DOES NOT COMPLY WITH THE 2015 INTERNATIONAL RESIDENTIAL CODE.

RESIDENCE OF KELLEE RING



MADDEN HOME DESIGN
8375 Rushing Road
Denham Springs, Louisiana
70726
Phone: (225) 791-2812

Project No.: The Tanglewood-Mirror
DATE: JANUARY 3, 2022
DRAWN BY: Steven Madden
DESIGNED BY: Steven Madden

Sheet Title
FOUNDATION & JOIST PLAN

Sheet:
A4.0

☐ Preliminary Dwg.
☐ Bidding Doc.
☐ Construction Doc.

A1 BD

Project

RESIDENCE OF KELLEE RING

DHP
DIAMOND HILL PLYWOOD CO.

Diamond Hill Plywood
2706 White Horse Rd
Greenville, SC
USA
29611
8668462715

Project
14717

Builder
Mt Olive Building Supply

Layout Name
14717-Kellee Ring Residence

Created
January 11, 2023

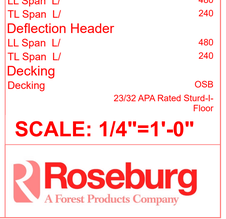
Revised
January 11, 2023

Sales Rep
Danny Strictland

Designer
Shane Wright

Bearing Wall
Non-Bearing Wall
Flush Beam LVL
Dropped Beam LVL
Flush Beam B.B.O
Dropped Beam B.B.O
I-Joist
Double I-Joist
Rimboard
Blocking Line
Column
Point Load From Above
PS Point Load Support

Cutting & Drilling



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Never stack building materials over unsheathed I-joists. Stack only over braced beams or walls.

VALLEY BUILDING SUPPLY, INC.

TECHNICAL SUPPORT (866) 846-2715
Se Habla Español

Roof

Design Method	ASD (USA)
Building Code	IRC 2018

Floor

Loads	
Live	0
Dead	15
Snow	20
Deflection Joist	
LL Span L/	480
TL Span L/	240
Deflection Flush Girder	
LL Span L/	480
TL Span L/	240
Deflection Dropped Girder	
LL Span L/	480
TL Span L/	240
Deflection Header	
LL Span L/	480
TL Span L/	240
Decking	
Decking	OSB 23/32 APA Rated Sturd-I-Floor

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

Roseburg
A Forest Products Company