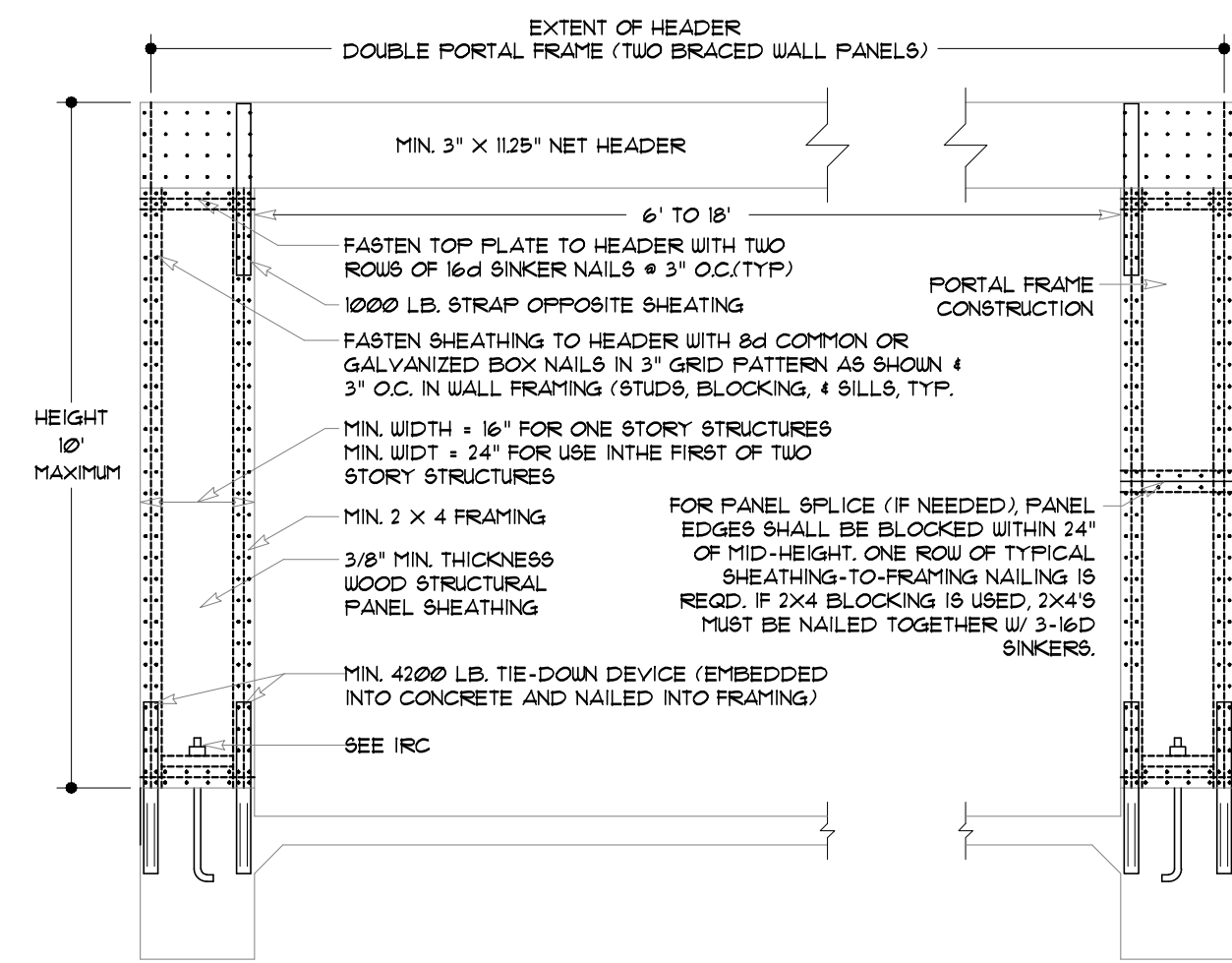


WINDOW SCHEDULE			
MARK	OPENING SIZE	DESCRIPTION	QTY.
A	3'0" X 7'0"	4/4 LITE WOOD CLAD DOUBLE HUNG WINDOW INSULATED	6
B	2'6" X 6'0"	4/4 LITE VINYL SINGLE HUNG WINDOW INSULATED	2
C	3'0" X 3'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	1
D	2'0" X 3'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	1
E	4'0" X 4'0"	2/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	1
F	3'0" X 7'0"	1/1 LITE VINYL SINGLE HUNG WINDOW INSULATED W/ 16" TRANSOM	4
G	3'0" X 6'0"	1/1 LITE VINYL SINGLE HUNG WINDOW INSULATED	1
H	3'0" X 6'0"	4/2 LITE VINYL SINGLE HUNG WINDOW INSULATED	1
J	2'4" X 4'0"	2/2 LITE VINYL FIXED INSULATED WINDOW - SEE ELEVATIONS	2

DOOR SCHEDULE			
MARK	SIZE	DESCRIPTION	QTY.
1	DBL 2'6" X 8'0"	EXTERIOR 6 LITE 3/4 FRENCH SOLID WOOD DOORS	1 PAIR
2	DBL 2'6" X 8'0"	EXTERIOR 1 LITE FULL FRENCH WOOD DOORS W/ 16" TRANSOM	1 PAIR
3	2'0" X 8'0"	EXT. METAL OVER-HEAD INSUL. GARAGE DOOR W/ OPENER	1
4	2'0" X 6'8"	EXTERIOR RAISED PANEL METAL DOOR	1
5	3'0" X 6'8"	EXTERIOR RAISED PANEL METAL DOOR	1
6	3'0" X 6'8"	EXTERIOR 1 LITE FULL FRENCH WOOD DOOR	1
7	3'0" X 8'0"	CASED OPENING	3
8	3'0" X 6'8"	INTERIOR RAISED PANEL H.C. MASONITE DOOR	2
9	2'8" X 6'8"	INTERIOR RAISED PANEL H.C. MASONITE DOOR	5
10	2'4" X 6'8"	INTERIOR RAISED PANEL H.C. MASONITE DOOR	8
11	2'0" X 6'8"	INTERIOR RAISED PANEL H.C. MASONITE DOOR	2
12	DBL 1'6" X 6'8"	INTERIOR RAISED PANEL H.C. MASONITE DOORS	2 PAIR
13	2'0" X 6'0"	TEMPERED GLASS SHOWER DOOR	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.



GARAGE PORTAL DETAIL
NOT TO SCALE

SQUARE FOOTAGE	
LIVING	235.0
FRONT PORCH	171
REAR PORCH	527
GARAGE	642
TOTAL SQ. FT.	3696

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

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RESIDENCE OF
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Project No.: The Wildwood - Mirror

DATE: AUGUST 15, 2022

DRAWN BY: Steven Madden

DESIGNED BY: Steven Madden

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FLOOR PLAN

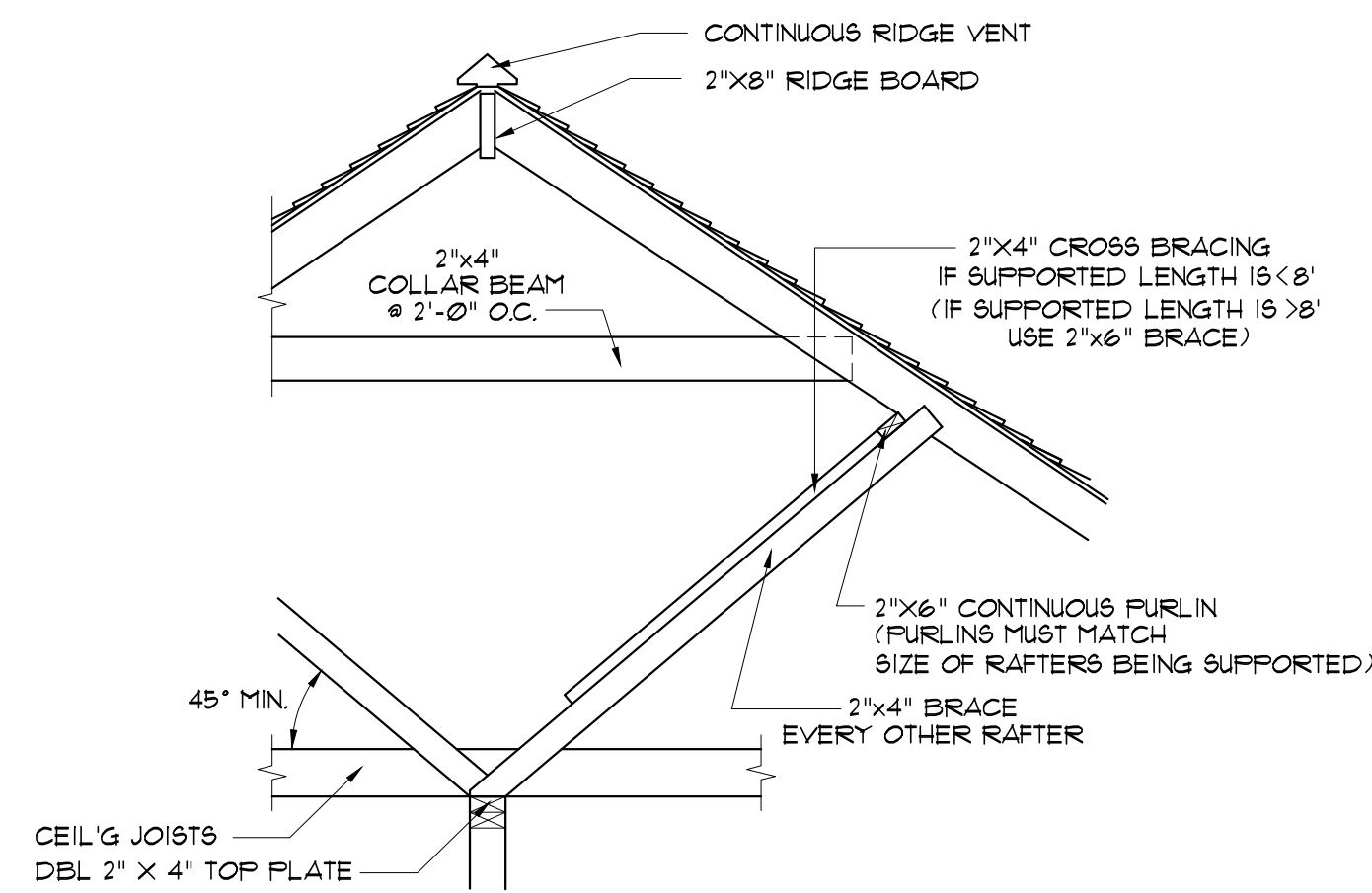
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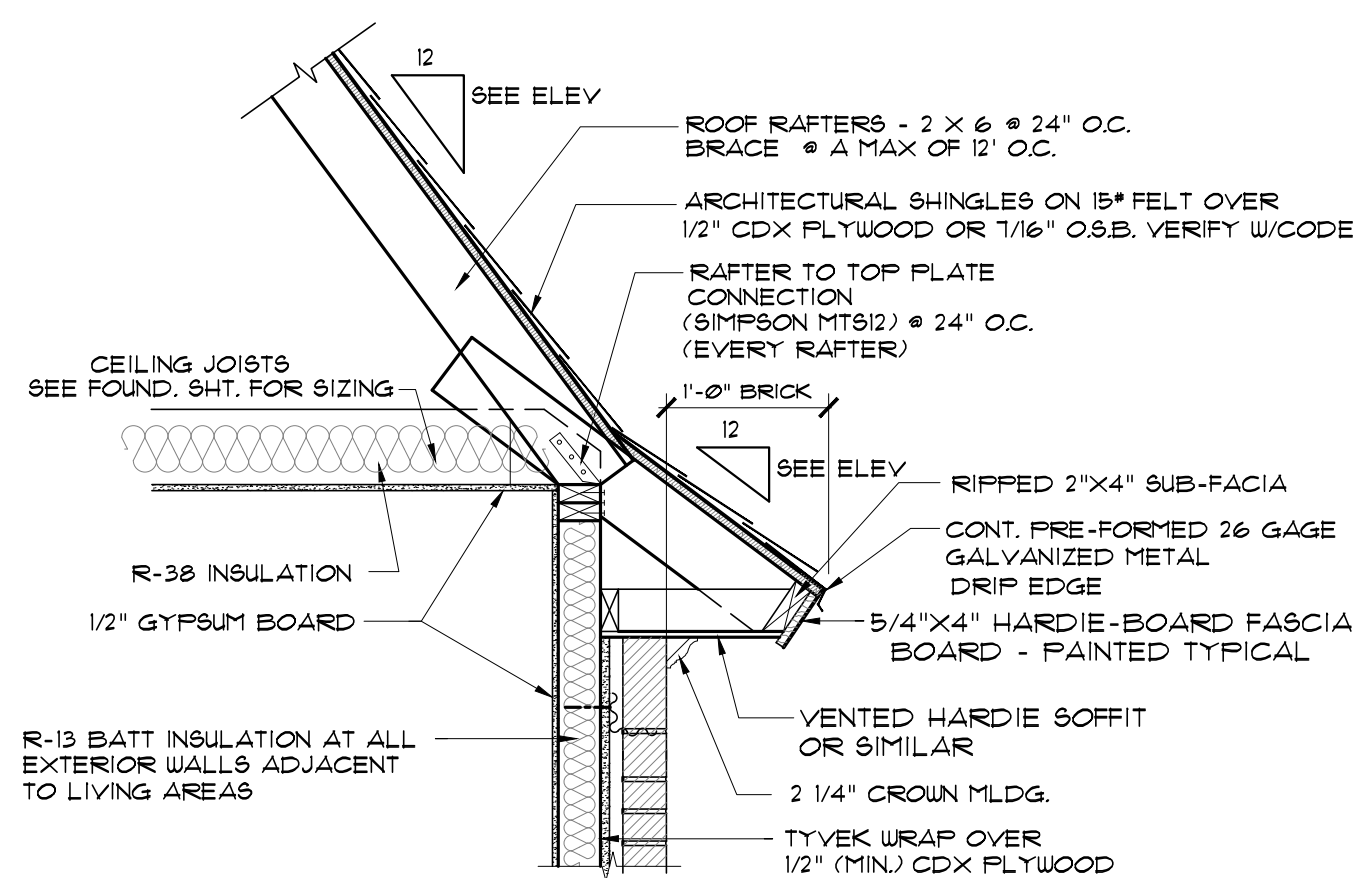
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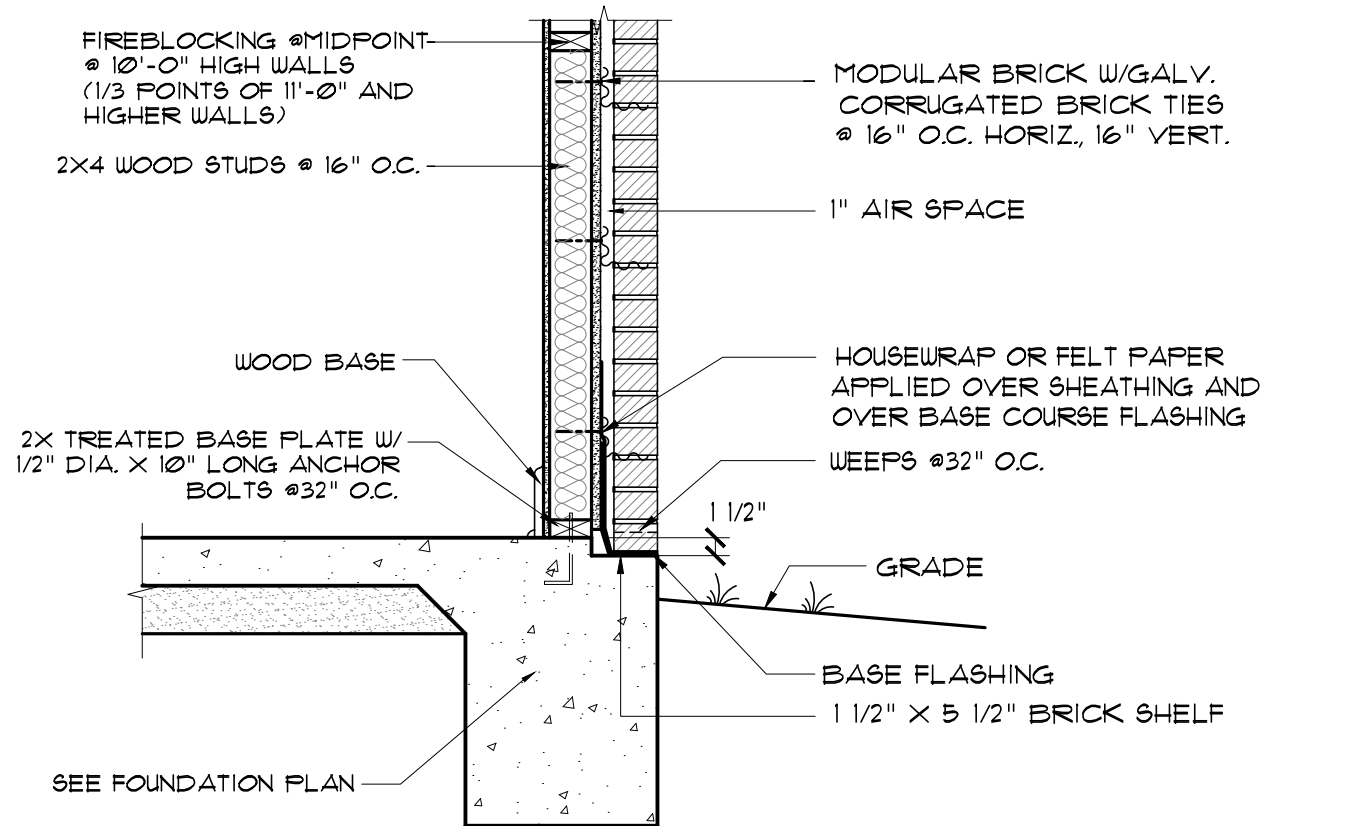
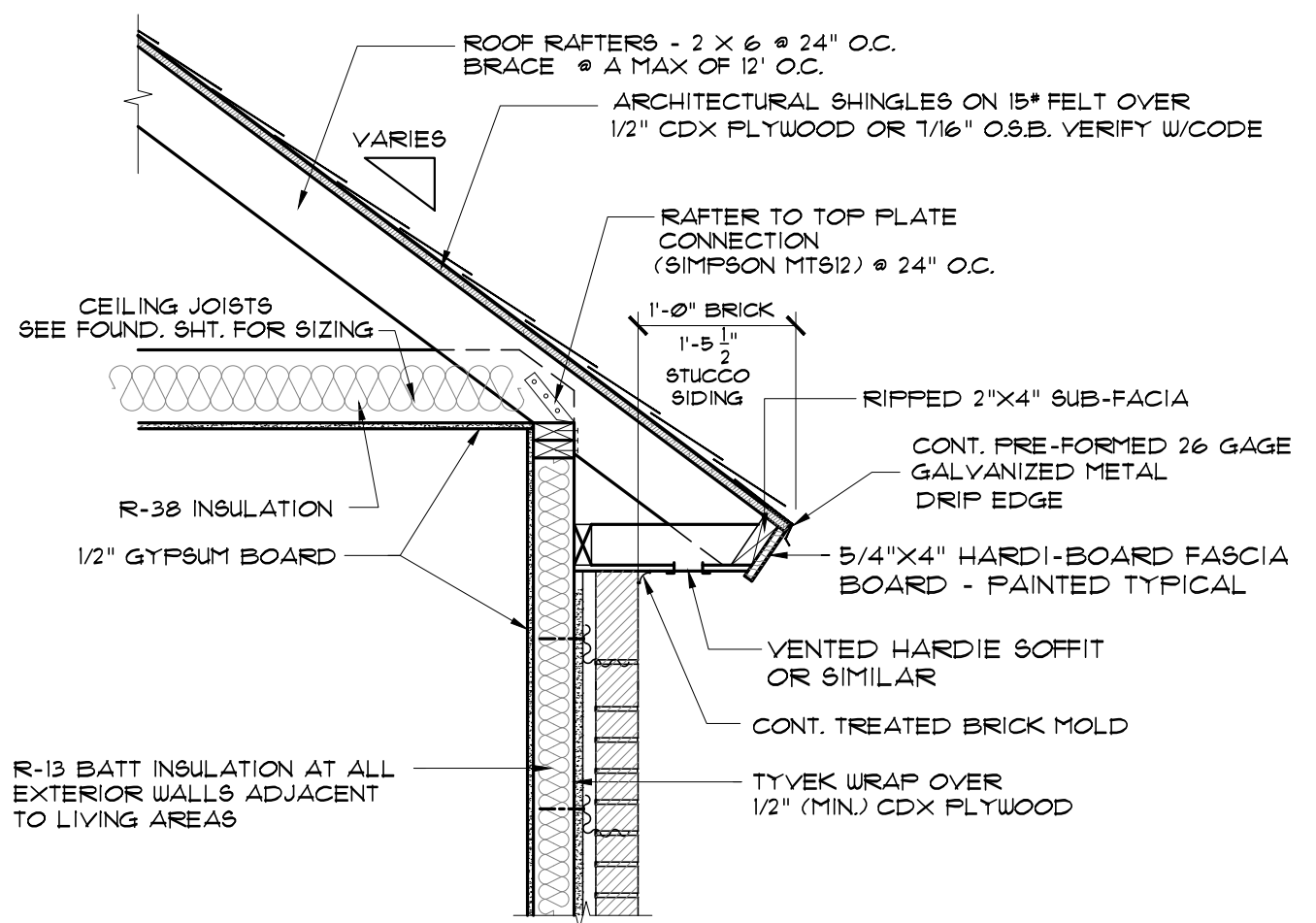
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TYPICAL ROOF BRACING DETAIL
SCALE: 1/2" = 1'



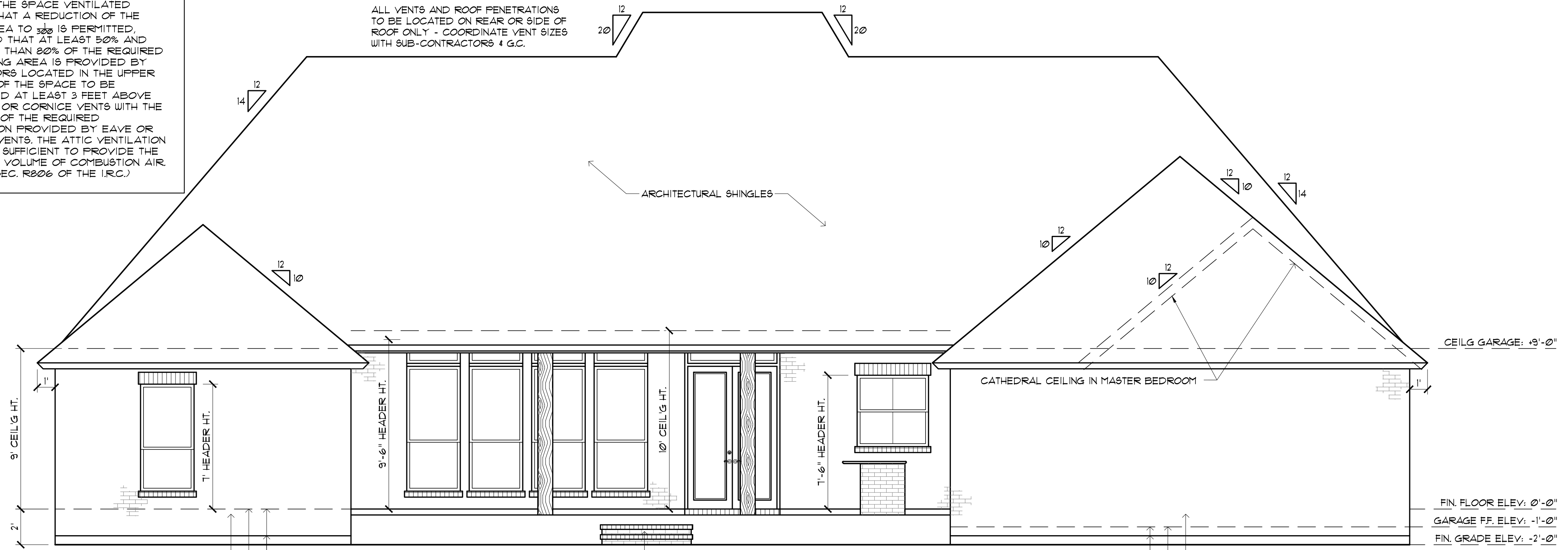
EAVE DETAIL - BELL ROOF
SCALE: 3/4" = 1'-0"



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

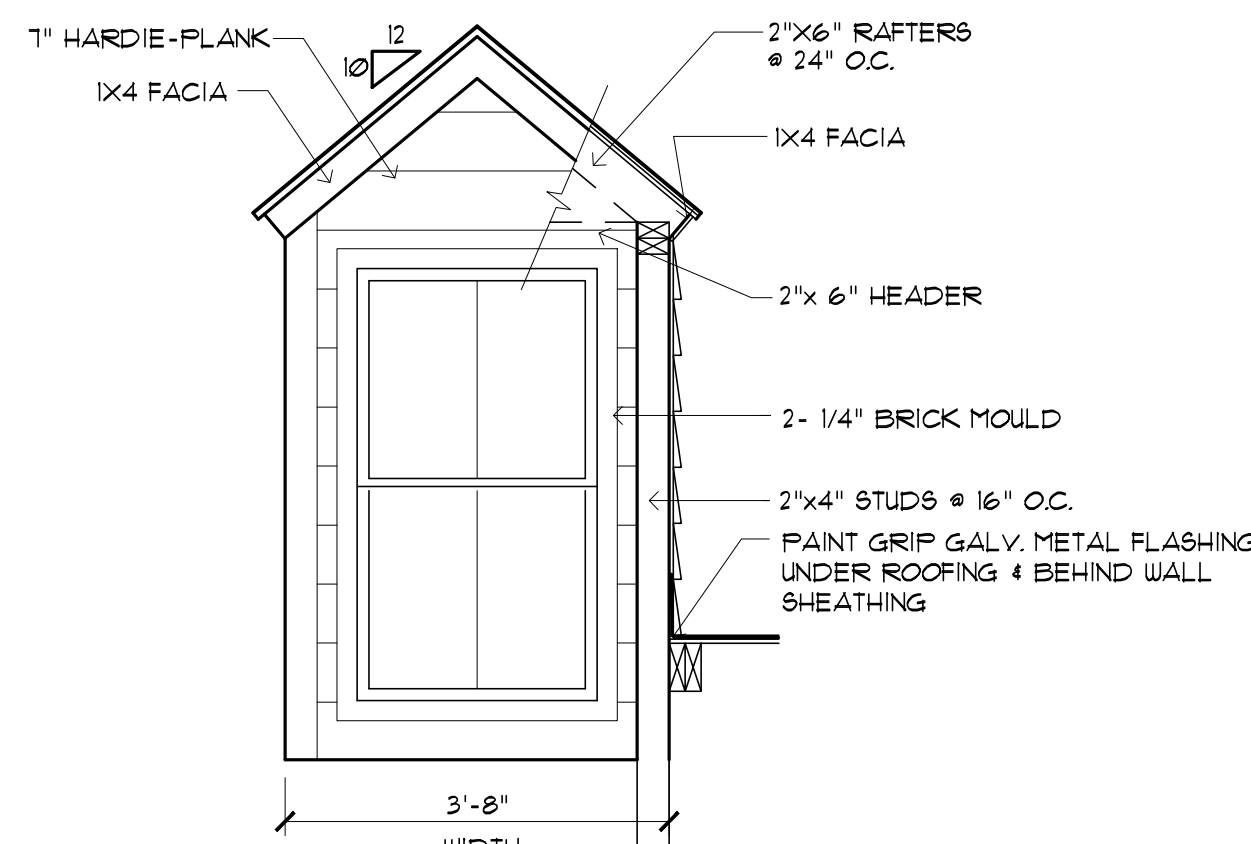
ATTIC VENTILATION:
THE TOTAL NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1/30 OF THE AREA OF THE SPACE VENTILATED EXCEPT THAT A REDUCTION OF THE TOTAL AREA TO 1/60 IS PERMITTED PROVIDED THAT AT LEAST 50% AND NOT MORE THAN 80% OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN 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 (45 PER SEC. R308 OF THE I.R.C.)

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



DORMER DETAIL
SCALE: 1/2" = 1'



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

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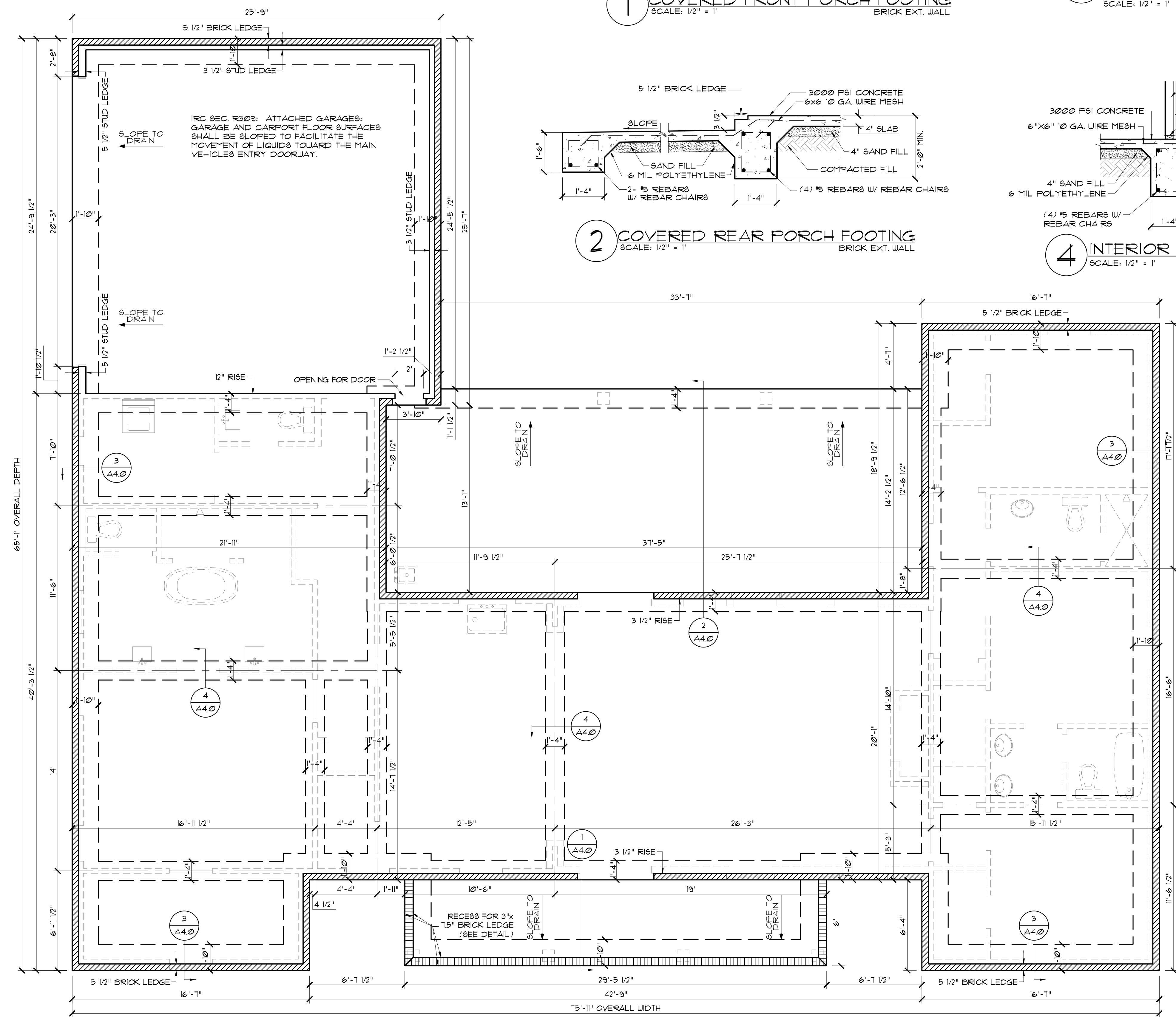
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FRONT & REAR ELEVATIONS

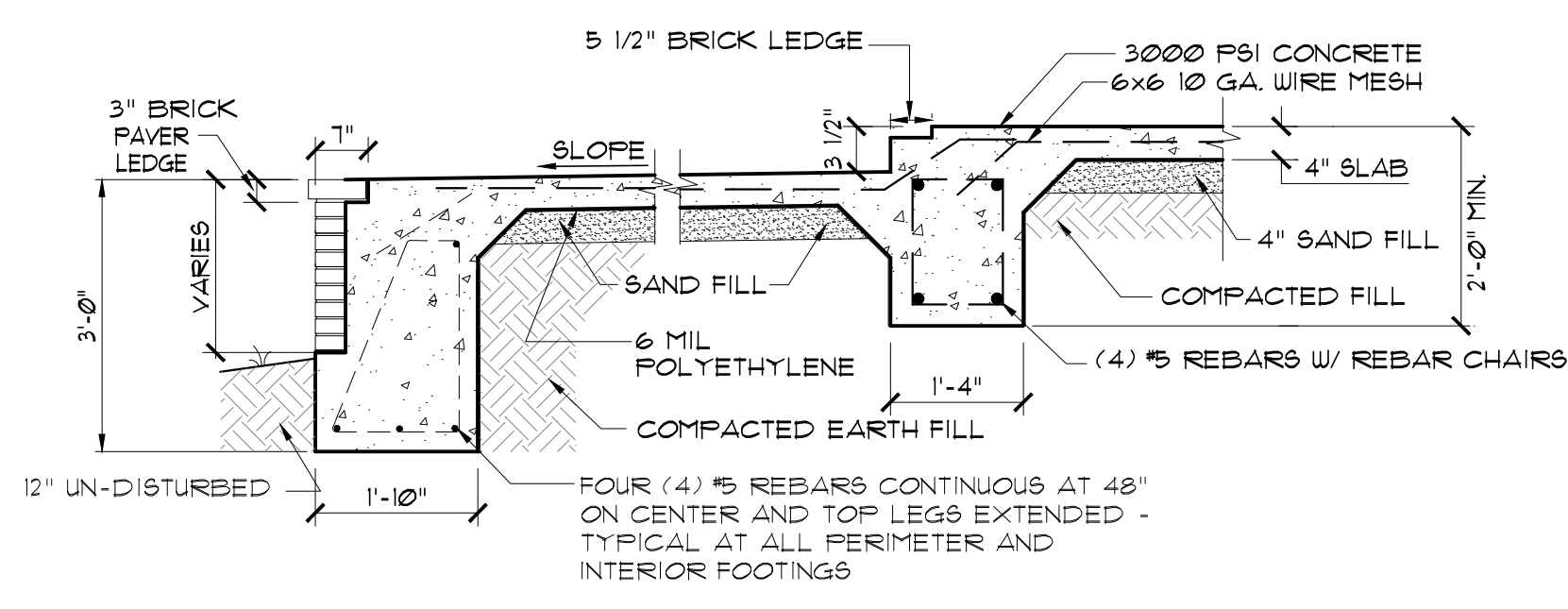
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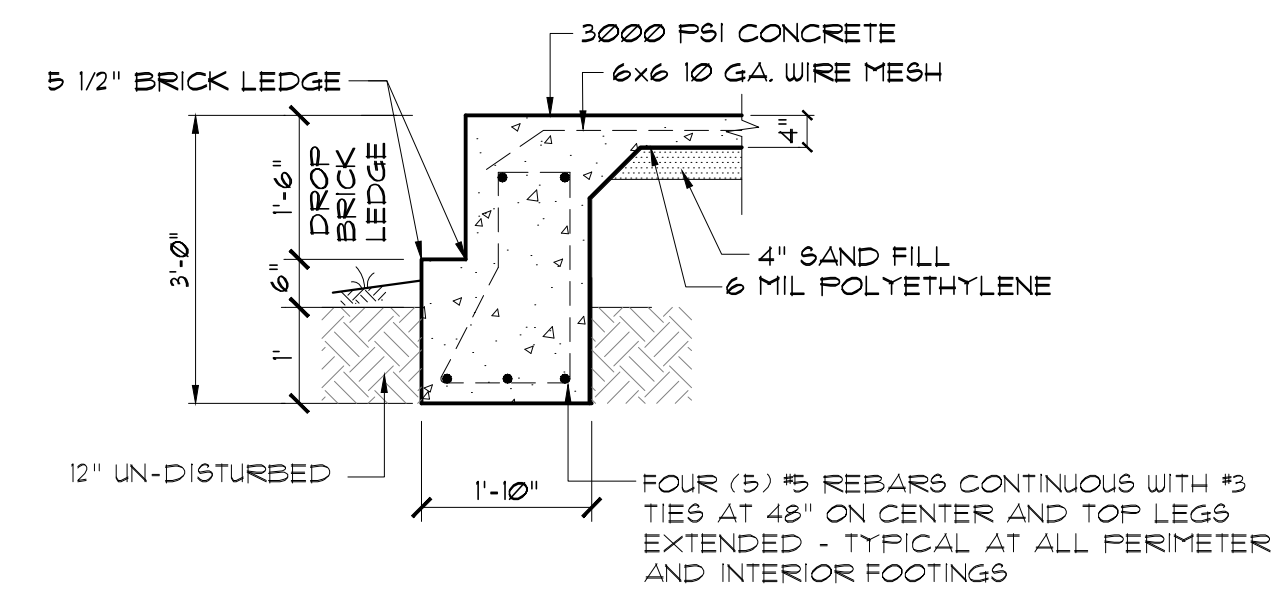


NOTE:
ALL EXTERIOR GRADE BEAMS TO EXTEND BELOW UNDISTURBED SOIL A MINIMUM OF 12".

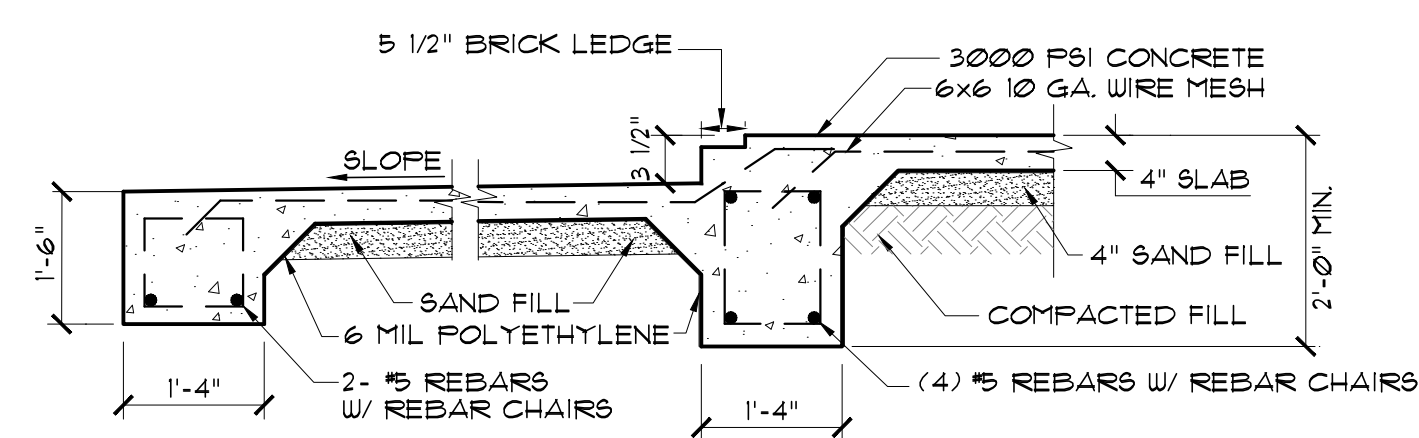
IRC SEC. R308: ATTACHED GARAGES, GARAGE AND CARPORT FLOOR SURFACES SHALL BE SLOPED TO FACILITATE THE MOVEMENT OF LIQUIDS TOWARD THE MAIN VEHICLE ENTRY DOORWAY.



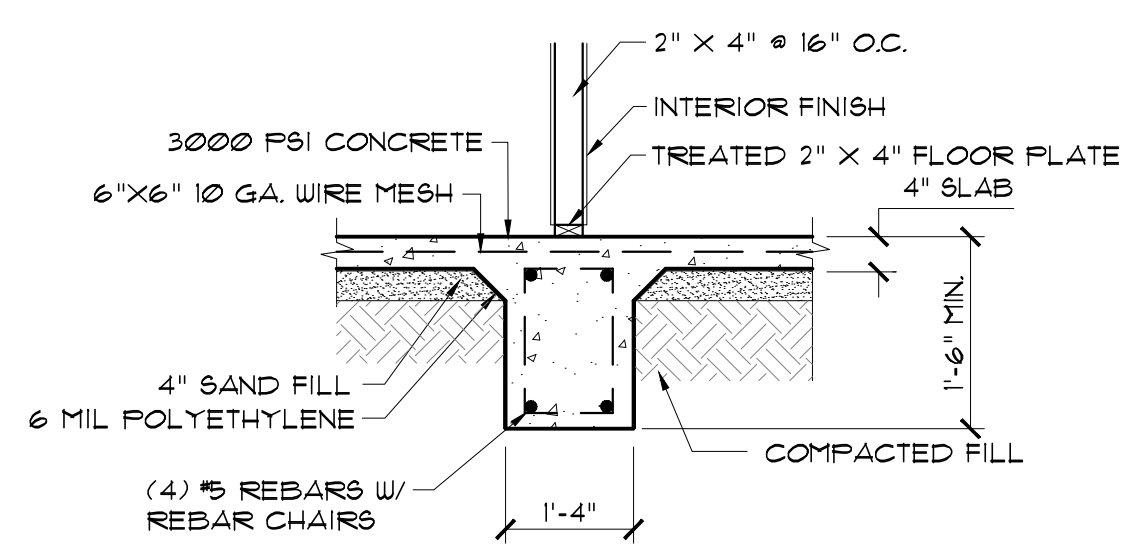
1 COVERED FRONT PORCH FOOTING
SCALE: 1/2" = 1'



3 18" DROP BRICK LEDGE GRADE BEAM
SCALE: 1/2" = 1'



2 COVERED REAR PORCH FOOTING
SCALE: 1/2" = 1'



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

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.

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.

SITE PREPARATION NOTES:

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

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.

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

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DESIGNED BY: Steven Madden

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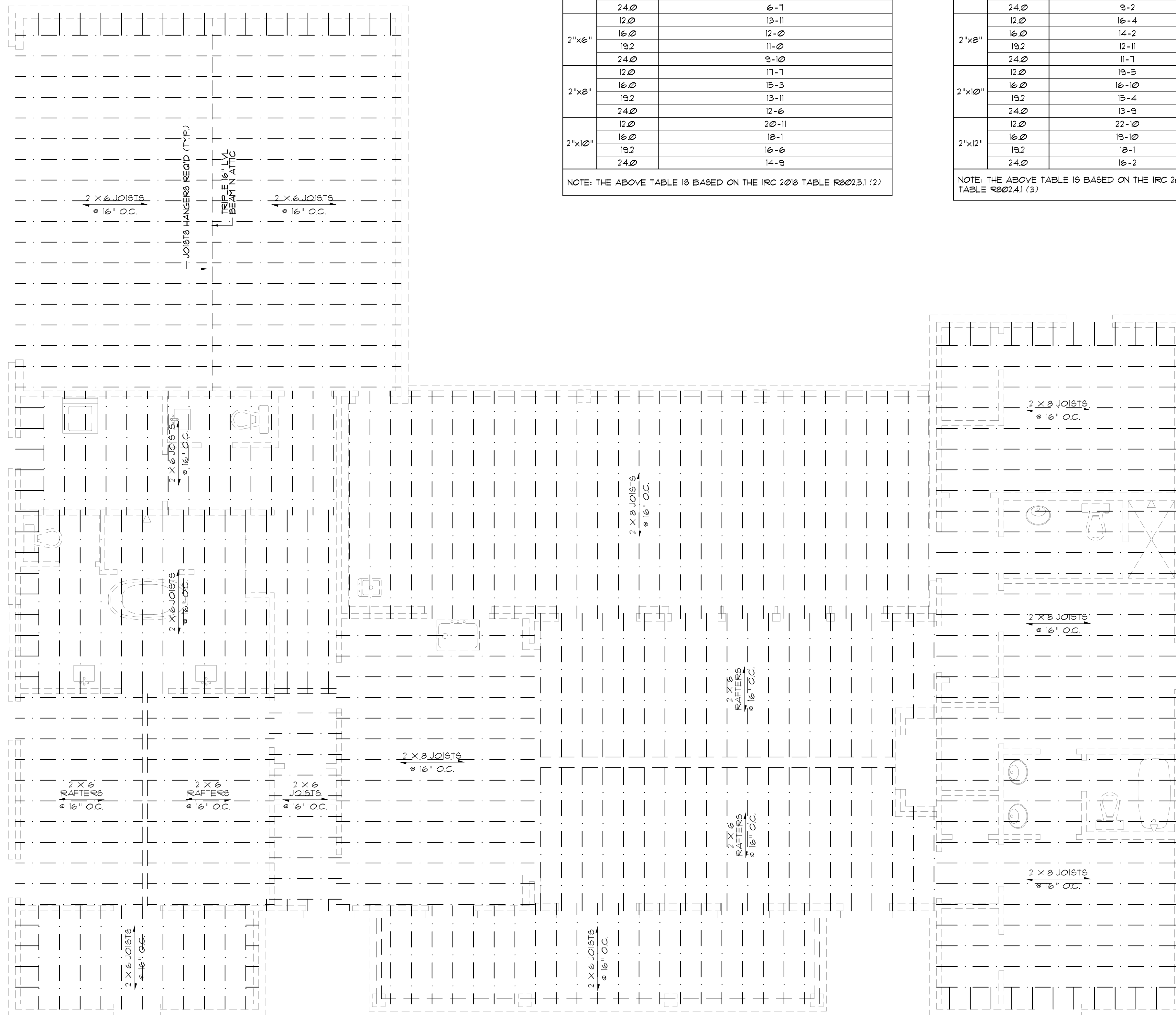
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FOUNDATION PLAN

Sheet:

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

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CEILING JOIST SPANS		
CEILING JOIST SPANS FOR SOUTHERN PINE SPECIES (UNINHABITABLE ATTIC WITHOUT STORAGE, LIVE LOAD = 20 PSF, L.A. = 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.A. = 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)

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 1" 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 1" 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 1/3 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 1/2" 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 R401.3.
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 R502.2.1 (1)

JOISTS FRAMING PLAN
SCALE: 1/4" = 1'-0"

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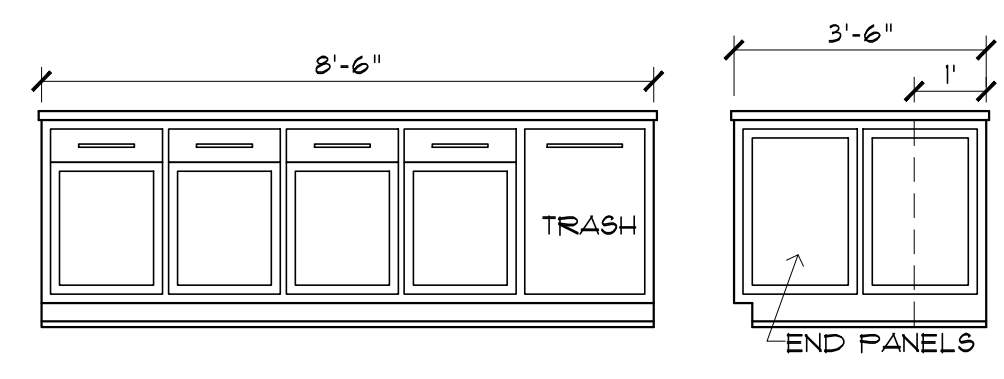
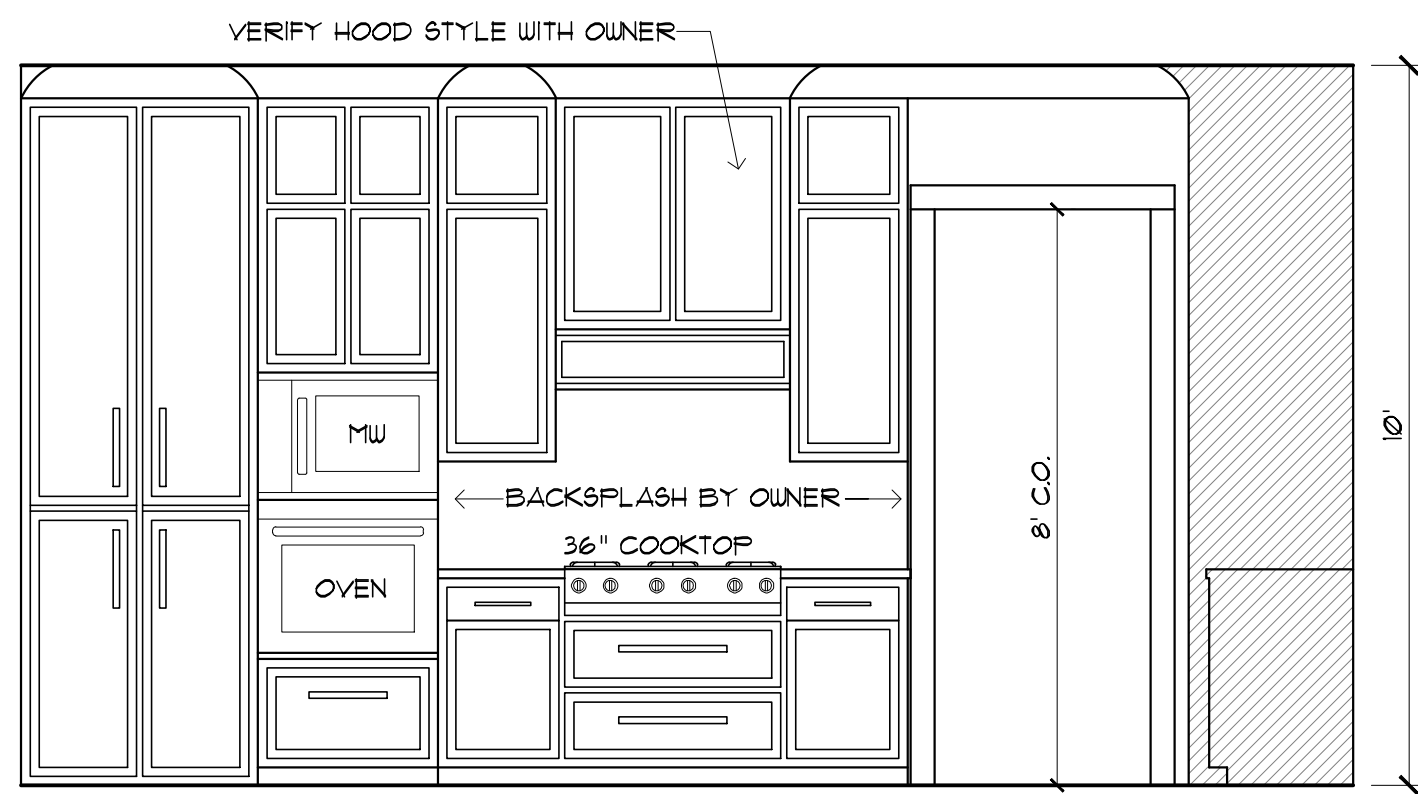
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JOIST FRAMING PLAN

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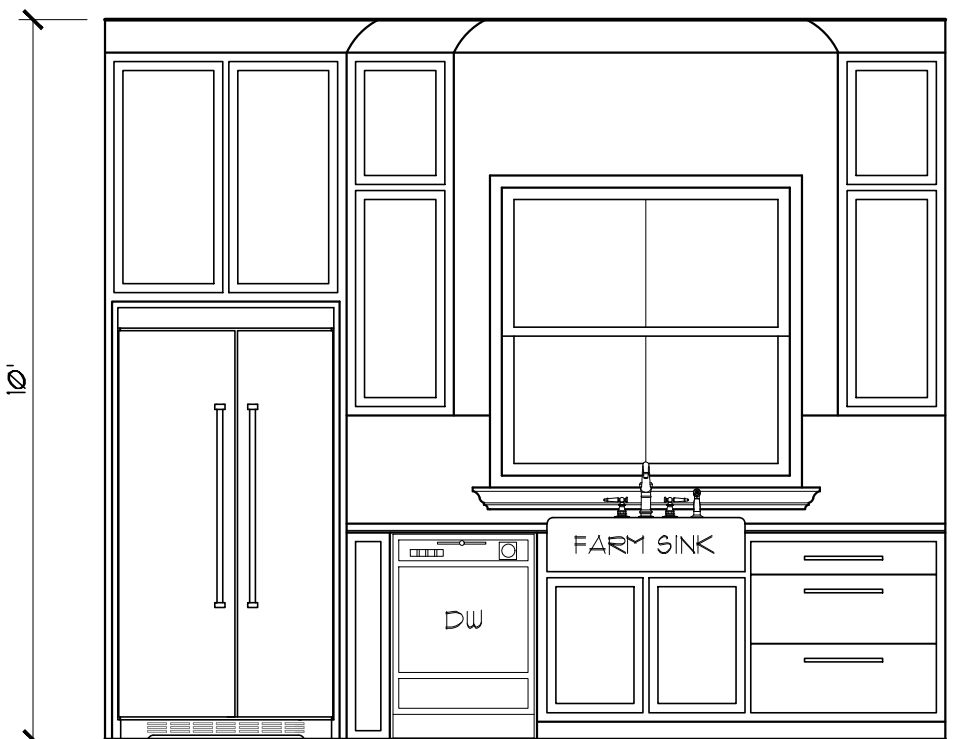
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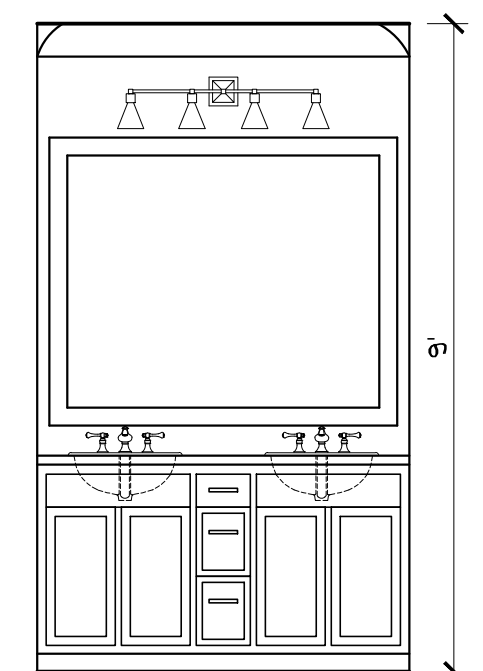
KITCHEN ISLAND
SCALE: 3/8" = 1'-0"

ELECTRICAL SYMBOL LEGEND					
⏏	CABLE OUTLET	🔔	ELEC. DOOR BELL	🔦	LED RECESSED LIGHT
☎	TELEPHONE/ ETHERNET OUTLET	🔔	DOORBELL CHIME	🔦	LIGHT FIXTURE - LED
⏏	RECEPTACLE, 15A, 125V, 2 POLE 3 WIRE, GROUNDING, DUPLEX	🔦	DIMMER SWITCH	🔦	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	🔦	HEAT/VENT/LIGHT
⏏	RECEPTACLE, 50A, 220V, 2 POLE 3 WIRE, GROUNDING	🔦	CEILING FAN W/ LIGHT - PROVIDE SEPERATE SWITCHES FOR F & L	🔦	VENT/LIGHT ONLY
⏏	TOGGLE SWITCH, SINGLE POLE, 15A	🔦	LIGHT FIXTURE - CHANDELIER W/ LED BULBS	🔦	VENT/LIGHT RECESSED CAN
⏏	TOGGLE SWITCH, 3 WAY, 15A	🔦		🔦	SCONCE LIGHT
		🔦		🔦	ELECTRIC LANTERN

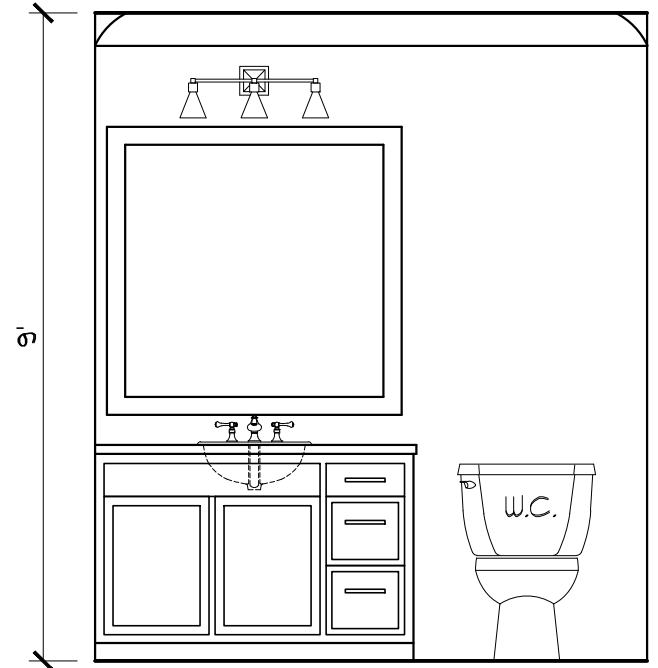
A KITCHEN
SCALE: 3/8" = 1'-0"



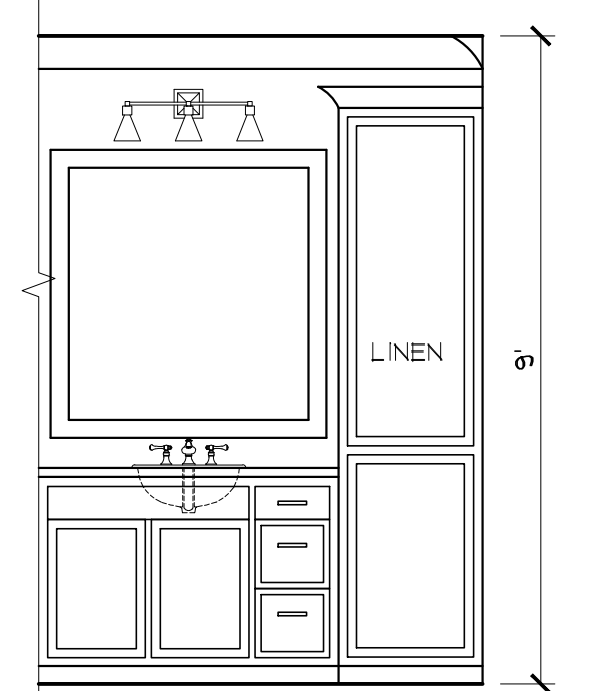
B KITCHEN
SCALE: 3/8" = 1'-0"



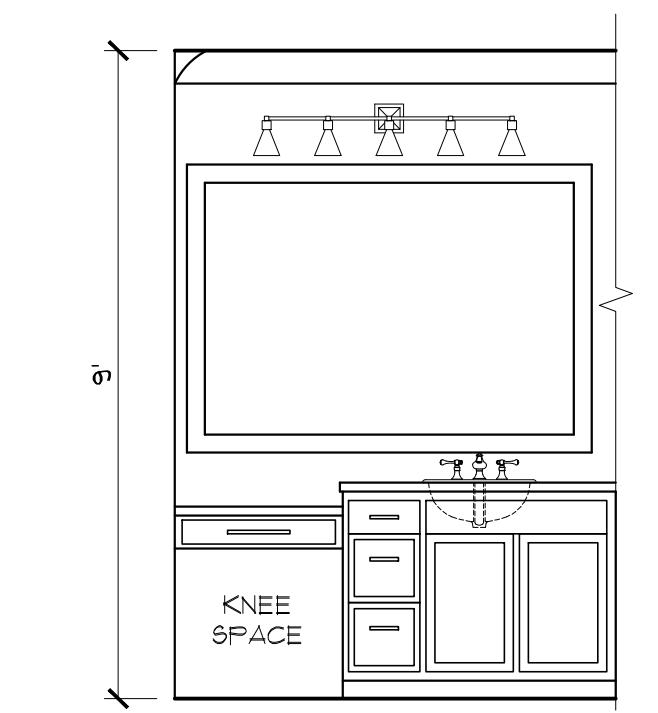
C BATH #2
SCALE: 3/8" = 1'-0"



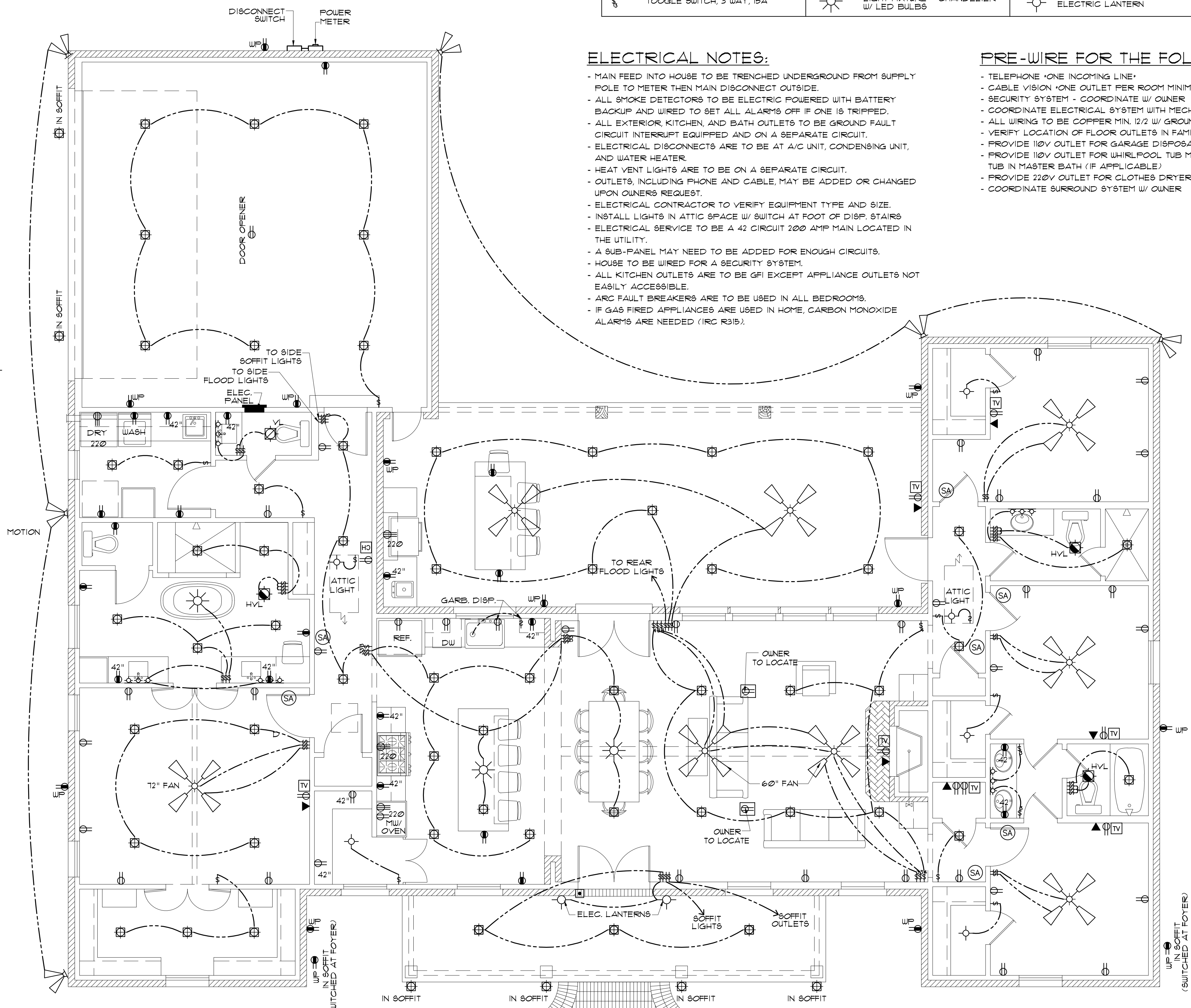
D 3/4 BATH
SCALE: 3/8" = 1'-0"



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



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



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

MADDEN HOME DESIGN, LLC NOT BEING AN ARCHITECTURAL OR ENGINEERING FIRM. ALL ELECTRICAL DESIGN OR CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. EVERY EFFORT HAS BEEN MADE TO INSURE ALL DIMENSIONS ARE CORRECT AND ENVIRONMENTAL REGULATIONS HAVE BEEN MET. IF AN ERROR OR OMISSION DOES OCCUR, IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND NOT THE DESIGNER'S EXPENSE AND OR THE DESIGNER'S 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 2018.

RESIDENCE OF
JEREMY RINGLED

Project

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

A B D

Project No.: The Wildwood - Mirror
DATE: AUGUST 15, 2022
DRAWN BY: Steven Madden
DESIGNED BY: Steven Madden

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Sheet Title

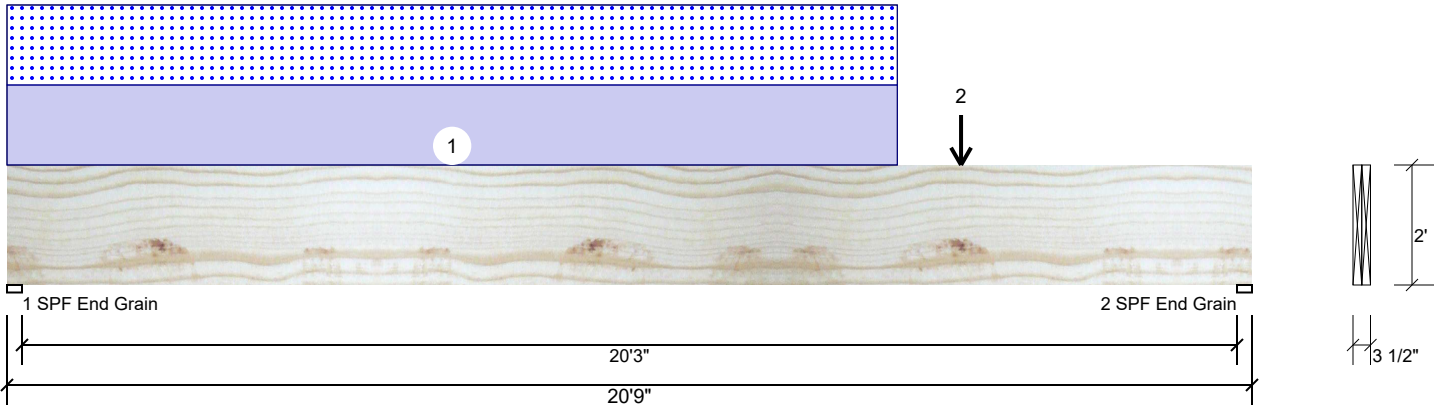
ELECTRICAL PLAN

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

E1.0

GDH Kerto-S LVL 1.750" X 24.000" 2-Ply - PASSED

Level: Level



Member Information

Type:	Girder	Application:	Floor
Plies:	2	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	No
Deflection TL:	360	Deck:	Not Checked
Importance:	Normal - II		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Direction	Live	Dead	Snow	Wind	Const
1	Vertical	0	3578	3384	0	0
2	Vertical	0	2721	2528	0	0

Bearings

Bearing	Length	Dir.	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF End Grain	3.000"	Vert	76%	3578 / 3384	6962	L	D+S
2 - SPF End Grain	3.000"	Vert	57%	2721 / 2528	5249	L	D+S

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	34591 ft-lb	10'3 1/2"	84163 ft-lb	0.411 (41%)	D+S	L
Unbraced	34591 ft-lb	10'3 1/2"	34622 ft-lb	0.999 (100%)	D+S	L
Shear	5477 lb	2'3"	20608 lb	0.266 (27%)	D+S	L
LL Defl inch	0.178 (L/1373)	10'4"	0.510 (L/480)	0.350 (35%)	S	L
TL Defl inch	0.367 (L/667)	10'4"	0.680 (L/360)	0.540 (54%)	D+S	L

Design Notes

- 1 Provide support to prevent lateral movement and rotation at the end bearings. Lateral support may also be required at the interior bearings by the building code.
- 2 Girders are designed to be supported on the bottom edge only.
- 3 Multiple plies must be fastened together as per manufacturer's details.
- 4 Top loads must be supported equally by all plies.
- 5 Top must be laterally braced at a maximum of 5'1 11/16" o.c.
- 6 Bottom must be laterally braced at end bearings.
- 7 Lateral slenderness ratio based on single ply width.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Part. Uniform	0-0-0 to 14-10-1		Top	329 PLF	0 PLF	329 PLF	0 PLF	0 PLF	B4
2	Point	15-10-13		Top	1030 lb	0 lb	1030 lb	0 lb	0 lb	B1-GR
	Bearing Length	0-3-8								
	Self Weight				19 PLF					

Notes

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

Lumber

1. Dry service conditions, unless noted otherwise
2. LVL not to be treated with fire retardant or corrosive chemicals

Handling & Installation

1. LVL beams must not be cut or drilled
2. Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals
3. Damaged Beams must not be used
4. Design assumes top edge is laterally restrained
5. Provide lateral support at bearing points to avoid lateral displacement and rotation

6. For flat roofs provide proper drainage to prevent ponding

This design is valid until 3/30/2024

Manufacturer Info

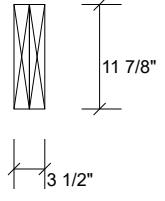
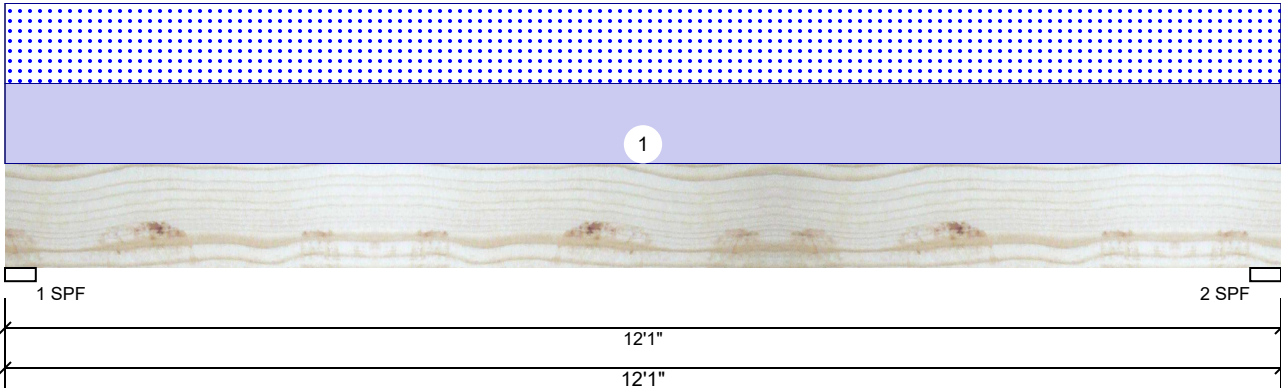
Metsä Wood
301 Merritt 7 Building, 2nd Floor
Norwalk, CT 06851
(800) 622-5850
www.metsawood.com/us
ICC-ES: ESR-3633

Comtech, Inc.
1001 S. Reilly Road, Suite #639
Fayetteville, NC
USA
28314
910-864-TRUS



FB1 Kerto-S LVL 1.750" X 11.875" 2-Ply - PASSED

Level: Level



Member Information

Type:	Girder	Application:	Floor
Plies:	2	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	No
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal - II		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Direction	Live	Dead	Snow	Wind	Const
1	Vertical	0	829	773	0	0
2	Vertical	0	829	773	0	0

Bearings

Bearing	Length	Dir.	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF	3.500"	Vert	31%	829 / 773	1602	L	D+S
2 - SPF	3.500"	Vert	31%	829 / 773	1602	L	D+S

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	4481 ft-lb	6' 1/2"	22897 ft-lb	0.196 (20%)	D+S	L
Unbraced	4481 ft-lb	6' 1/2"	8283 ft-lb	0.541 (54%)	D+S	L
Shear	1272 lb	10'9 5/8"	10197 lb	0.125 (12%)	D+S	L
LL Defl inch	0.060 (L/2331)	6' 1/2"	0.291 (L/480)	0.206 (21%)	S	L
TL Defl inch	0.124 (L/1125)	6' 1/2"	0.581 (L/240)	0.213 (21%)	D+S	L

Design Notes

- 1 Provide support to prevent lateral movement and rotation at the end bearings. Lateral support may also be required at the interior bearings by the building code.
- 2 Girders are designed to be supported on the bottom edge only.
- 3 Multiple plies must be fastened together as per manufacturer's details.
- 4 Top loads must be supported equally by all plies.
- 5 Top must be laterally braced at end bearings.
- 6 Bottom must be laterally braced at end bearings.
- 7 Lateral slenderness ratio based on single ply width.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform			Top	128 PLF	0 PLF	128 PLF	0 PLF	0 PLF	A04
	Self Weight				9 PLF					

Notes

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

Lumber

1. Dry service conditions, unless noted otherwise
2. LVL not to be treated with fire retardant or corrosive

Handling & Installation

1. LVL beams must not be cut or drilled
2. Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals
3. Damaged Beams must not be used
4. Design assumes top edge is laterally restrained
5. Provide lateral support at bearing points to avoid lateral displacement and rotation

6. For flat roofs provide proper drainage to prevent ponding

This design is valid until 3/30/2024

Manufacturer Info

Metsä Wood
301 Merritt 7 Building, 2nd Floor
Norwalk, CT 06851
(800) 622-5850
www.metsawood.com/us
ICC-ES: ESR-3633

Comtech, Inc.
1001 S. Reilly Road, Suite #639
Fayetteville, NC
USA
28314
910-864-TRUS



Reaction Summary of Order



REQ. QUOTE DATE	/ /	ORDER #	J0922-4832
ORDER DATE	09/21/22	QUOTE #	
DELIVERY DATE	/ /	CUSTOMER ACCT #	0000006670
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Rudy Huff	INVOICE #	
COUNTY	Cumberland	TERMS	Net 10 Days
SUPERINTENDANT	Rudy Huff	SALES REP	Neil Baggett
JOBSITE PHONE #	(910) 303-8551	SALES AREA	Hampton Horrocks

SOLD TO	R.G. Williams Const. Co. Inc 1561 Cypress Lakes Rd Hope Mills, NC 28348 (910) 323-4488	JOB NAME: Ringled Residence MODEL: Roof TAG: The Wildwood DELIVERY INSTRUCTIONS:	LOT # TBD SUBDIV: TBD JOB CATEGORY: WCall - Will Call
	R.G. Williams Const. Cumberland County, NC	SPECIAL INSTRUCTIONS:	PLAN SEAL DATE: BY DATE

BUILDING DEPARTMENT	OVERHANG INFO	HEEL HEIGHT	00-06-08	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /
Roof Order	END CUT RETURN PLUMB	GABLE STUDS	24 IN. OC	NONE	JOBSITE 1 CUTTING	LAYOUT	/ /

ROOF TRUSSES	LOADING INFORMATION	TCLL-TCDL-BCLL-BCDL	STRESS INCR.	ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)
		20.0,10.0,0.0,10.0	1.15	

PROFILE	QTY	PITCH		TYPE ID	BASE O/A	LUMBER		OVERHANG		REACTIONS
		TOP	BOT			TOP	BOT	LEFT	RIGHT	
	1	10.00	0.00	PIGGYBACK A01	40-01-00 40-01-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 13 Joint 17 476.5 lbs. 1452.7 lbs. 1527.0 lbs. -67.7 lbs. -88.6 lbs. -292.4 lbs.
	2	10.00	0.00	PIGGYBACK A02	40-01-00 40-01-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 13 Joint 17 476.5 lbs. 1452.7 lbs. 1527.0 lbs. -67.7 lbs. -88.6 lbs. -292.4 lbs.
	2	10.00	0.00	PIGGYBACK A03	40-01-00 40-01-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 13 Joint 17 476.5 lbs. 1452.7 lbs. 1527.0 lbs. -67.7 lbs. -88.6 lbs. -292.4 lbs.
	2	10.00	0.00	PIGGYBACK A04	40-01-00 40-01-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 15 Joint 19 510.9 lbs. 1488.3 lbs. 1412.6 lbs. -68.3 lbs. -97.5 lbs. -292.5 lbs.
	2	10.00	0.00	PIGGYBACK A05	40-01-00 40-01-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 12 Joint 16 476.4 lbs. 1450.1 lbs. 1579.8 lbs. -67.3 lbs. -142.0 lbs. -274.2 lbs.
	2	10.00	0.00	PIGGYBACK A06	40-01-00 40-01-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 12 Joint 16 482.5 lbs. 1459.8 lbs. 1479.1 lbs. -64.3 lbs. -138.4 lbs. -245.4 lbs.
	2	10.00	0.00	PIGGYBACK A07	33-08-08 33-08-08	2 X 6	2 X 6	01-03-00		Joint 2 Joint 12 Joint 16 494.8 lbs. 785.3 lbs. 1526.9 lbs. -68.9 lbs. -43.9 lbs. -220.2 lbs.
	1	10.00	0.00	PIGGYBACK A08	33-09-00 33-09-00	2 X 6	2 X 6	01-03-00		Joint 2 Joint 9 Joint 13 498.9 lbs. 785.3 lbs. 1545.8 lbs. -73.6 lbs. -50.2 lbs. -202.8 lbs.
	1	10.00	0.00	PIGGYBACK A09	33-09-00 33-09-00	2 X 6	2 X 6	01-03-00		Joint 2 Joint 9 Joint 13 498.9 lbs. 785.3 lbs. 1545.8 lbs. -73.6 lbs. -50.2 lbs. -202.8 lbs.
	2	10.00	0.00	PIGGYBACK A10	33-09-00 33-09-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 10 Joint 15 498.9 lbs. 864.6 lbs. 1542.8 lbs. -76.8 lbs. -72.5 lbs. -197.2 lbs.
	1	10.00	0.00	PIGGYBACK A11	33-09-00 33-09-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 10 Joint 15 498.9 lbs. 864.6 lbs. 1542.8 lbs. -76.8 lbs. -72.5 lbs. -197.2 lbs.

Reaction Summary of Order



REQ. QUOTE DATE	/ /	ORDER #	J0922-4832
ORDER DATE	09/21/22	QUOTE #	
DELIVERY DATE	/ /	CUSTOMER ACCT #	0000006670
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Rudy Huff	INVOICE #	
COUNTY	Cumberland	TERMS	Net 10 Days
SUPERINTENDANT	Rudy Huff	SALES REP	Neil Baggett
JOBSITE PHONE #	(910) 303-8551	SALES AREA	Hampton Horrocks

SOLD TO	R.G. Williams Const. Co. Inc 1561 Cypress Lakes Rd Hope Mills, NC 28348 (910) 323-4488	JOB NAME: Ringled Residence MODEL: Roof TAG: The Wildwood DELIVERY INSTRUCTIONS:	LOT # TBD SUBDIV: TBD JOB CATEGORY: WCall - Will Call
	R.G. Williams Const. Cumberland County, NC	SPECIAL INSTRUCTIONS:	PLAN SEAL DATE: BY DATE

BUILDING DEPARTMENT	OVERHANG INFO	HEEL HEIGHT	00-06-08	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /	
Roof Order	END CUT	RETURN		NONE		LAYOUT	/ /	
	PLUMB		GABLE STUDS		24 IN. OC	JOBSITE	1	CUTTING

ROOF TRUSSES	LOADING INFORMATION	TCLL-TCDL-BCLL-BCDL	STRESS INCR.	ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)
		20.0,10.0,0.0,10.0	1.15	

PROFILE	QTY	PITCH		TYPE ID	BASE O/A	LUMBER		OVERHANG		REACTIONS				
		TOP	BOT			TOP	BOT	LEFT	RIGHT					
	1	10.00	0.00	PIGGYBACK A12	33-05-08 33-05-08	2 X 6	2 X 6			Joint 1 410.9 lbs. -65.6 lbs.	Joint 7 786.8 lbs. -50.0 lbs.	Joint 11 1515.3 lbs. -197.8 lbs.		
	1	10.00	0.00	PIGGYBACK A13	33-05-08 33-05-08	2 X 6	2 X 6			Joint 1 411.0 lbs. -65.5 lbs.	Joint 7 786.8 lbs. -50.0 lbs.	Joint 11 1515.0 lbs. -197.9 lbs.		
	1	10.00	0.00	PIGGYBACK A14	33-05-08 33-05-08	2 X 6	2 X 6		01-03-00	Joint 11 1457.1 lbs. -47.6 lbs.	Joint 16 1327.5 lbs. -38.1 lbs.			
	1	10.00	0.00	PIGGYBACK A15	33-05-08 33-05-08	2 X 6	2 X 6		01-03-00	Joint 1 125.8 lbs. -22.4 lbs.	Joint 3 125.8 lbs. -22.4 lbs.	Joint 4 161.6 lbs. 21.3 lbs.	Joint 11 1477.9 lbs. -42.7 lbs.	Joint 16 1421.9 lbs. -45.8 lbs.
	1	10.00	0.00	PIGGYBACK A16	33-05-08 33-05-08	2 X 6	2 X 6		01-03-00	Joint 11 1499.4 lbs. -36.1 lbs.	Joint 16 1487.3 lbs. -74.4 lbs.			
	1	10.00	0.00	PIGGYBACK A17	33-06-08 33-06-08	2 X 6	2 X 6			Joint 9 1482.9 lbs. -10.7 lbs.	Joint 14 1540.9 lbs. -125.0 lbs.			
	1	** **	0.00	ROOF A18	33-06-08 33-06-08	2 X 6	2 X 6			Joint 11 1359.9 lbs. -15.2 lbs.	Joint 17 1576.2 lbs. -157.3 lbs.			
	1	** **	0.00	ROOF A19	33-06-08 33-06-08	2 X 6	2 X 6			Joint 11 1366.6 lbs. -39.8 lbs.	Joint 17 1543.5 lbs. -147.7 lbs.			
	1	** **	0.00	ROOF A20	33-06-08 33-06-08	2 X 6	2 X 6			Joint 11 1455.8 lbs. -126.0 lbs.	Joint 17 1482.8 lbs. -137.9 lbs.			
	1 2 Ply	0.00	0.00	FLAT GIRDER A21-GR	33-06-08 33-06-08	2 X 6	2 X 6			Joint 11 2744.3 lbs. -888.7 lbs.	Joint 17 2913.1 lbs. -1015.1 lbs.			
	1	10.00	0.00	PIGGYBACK A22	29-11-00 29-11-00	2 X 6	2 X 6			Joint 7 1295.5 lbs. -28.9 lbs.	Joint 11 1235.4 lbs. -8.7 lbs.			

Reaction Summary of Order



REQ. QUOTE DATE	/ /	ORDER #	J0922-4832
ORDER DATE	09/21/22	QUOTE #	
DELIVERY DATE	/ /	CUSTOMER ACCT #	0000006670
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Rudy Huff	INVOICE #	
COUNTY	Cumberland	TERMS	Net 10 Days
SUPERINTENDANT	Rudy Huff	SALES REP	Neil Baggett
JOBSITE PHONE #	(910) 303-8551	SALES AREA	Hampton Horrocks

SOLD TO	R.G. Williams Const. Co. Inc 1561 Cypress Lakes Rd Hope Mills, NC 28348 (910) 323-4488	JOB NAME: Ringled Residence MODEL: Roof TAG: The Wildwood DELIVERY INSTRUCTIONS:	LOT # TBD SUBDIV: TBD JOB CATEGORY: WCall - Will Call
	R.G. Williams Const. Cumberland County, NC	SPECIAL INSTRUCTIONS:	PLAN SEAL DATE: BY DATE

BUILDING DEPARTMENT	OVERHANG INFO	HEEL HEIGHT	00-06-08	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /												
Roof Order	<table border="1"> <tr> <td>END CUT</td> <td>RETURN</td> </tr> <tr> <td>PLUMB</td> <td></td> </tr> </table>	END CUT	RETURN	PLUMB		GABLE STUDS	24 IN. OC	NONE	<table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>JOBSITE</td> <td>1</td> </tr> </table>							JOBSITE	1	LAYOUT	/ /
END CUT	RETURN																		
PLUMB																			
		JOBSITE	1																
					CUTTING	/ /													

ROOF TRUSSES	LOADING INFORMATION	TCLL-TCDL-BCLL-BCDL	STRESS INCR.	ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)
		20.0,10.0,0.0,10.0	1.15	

PROFILE	QTY	PITCH		TYPE ID	BASE O/A	LUMBER		OVERHANG		REACTIONS
		TOP	BOT			TOP	BOT	LEFT	RIGHT	
	1	10.00	0.00	ROOF A23	29-11-00 29-11-00	2 X 6	2 X 6			Joint 9 Joint 13 1185.9 lbs. 1194.1 lbs. -31.8 lbs. -5.8 lbs.
	1	10.00	0.00	ROOF A24	29-11-00 29-11-00	2 X 6	2 X 6			Joint 9 Joint 14 1207.5 lbs. 1255.2 lbs. -29.0 lbs. -26.8 lbs.
	1	10.00	0.00	ROOF A25	29-11-00 29-11-00	2 X 6	2 X 6			Joint 12 Joint 17 1306.2 lbs. 1254.8 lbs. -112.1 lbs. -101.9 lbs.
	1 2 Ply	0.00	0.00	FLAT GIRDER A26-GR	29-11-00 29-11-00	2 X 6	2 X 6			Joint 9 Joint 13 2529.7 lbs. 2499.0 lbs. -825.6 lbs. -826.4 lbs.
	1	10.00	0.00	HIP B02	24-10-00 24-10-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 5 1269.4 lbs. 1269.4 lbs. -46.8 lbs. -46.8 lbs.
	1	10.00	0.00	HIP B03	24-10-00 24-10-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 7 1179.1 lbs. 1179.1 lbs. -55.3 lbs. -55.3 lbs.
	6	10.00	0.00	COMMON B04	24-10-00 24-10-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 10 1317.1 lbs. 1317.1 lbs. -60.2 lbs. -60.2 lbs.
	1	10.00	0.00	HIP GIRDER B1-GR	24-10-00 24-10-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 6 2059.3 lbs. 2057.0 lbs. -592.5 lbs. -593.0 lbs.
	4	10.00	0.00	COMMON C02	15-08-00 15-08-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 4 775.2 lbs. 775.2 lbs. -44.4 lbs. -44.4 lbs.
	1 2 Ply	10.00	0.00	COMMON C03-GR	15-08-00 15-08-00	2 X 6	2 X 8	01-03-00		Joint 2 Joint 4 3688.8 lbs. 5634.2 lbs. -655.5 lbs. -554.8 lbs.
	1 2 Ply	10.00	0.00	COMMON C04-GR	15-08-00 15-08-00	2 X 6	2 X 8		01-03-00	Joint 1 Joint 3 5031.0 lbs. 3394.1 lbs. -543.8 lbs. -614.7 lbs.

Reaction Summary of Order



ROOF & FLOOR TRUSSES & BEAMS
 Reilly Road Industrial Park P.O. Box 40408
 Fayetteville, N.C. 28309 (910) 864-TRUS

REQ. QUOTE DATE	/ /	ORDER #	J0922-4832
ORDER DATE	09/21/22	QUOTE #	
DELIVERY DATE	/ /	CUSTOMER ACCT #	0000006670
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Rudy Huff	INVOICE #	
COUNTY	Cumberland	TERMS	Net 10 Days
SUPERINTENDANT	Rudy Huff	SALES REP	Neil Baggett
JOBSITE PHONE #	(910) 303-8551	SALES AREA	Hampton Horrocks

SOLID TO SHEET	R.G. Williams Const. Co. Inc 1561 Cypress Lakes Rd Hope Mills, NC 28348 (910) 323-4488	JOB NAME: Ringled Residence MODEL: Roof TAG: The Wildwood DELIVERY INSTRUCTIONS:	LOT # TBD SUBDIV: TBD JOB CATEGORY: WCall - Will Call
	R.G. Williams Const. Cumberland County, NC	SPECIAL INSTRUCTIONS:	

PLAN SEAL DATE:
BY DATE

BUILDING DEPARTMENT	OVERHANG INFO	HEEL HEIGHT	00-06-08	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /	
Roof Order	END CUT	RETURN		NONE		LAYOUT	/ /	
	PLUMB		GABLE STUDS		24 IN. OC	JOBSITE	1	CUTTING

ROOF TRUSSES	LOADING INFORMATION	TCLL-TCDL-BCLL-BCDL	STRESS INCR.	ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)
		20.0,10.0,0.0,10.0	1.15	

PROFILE	QTY	PITCH		TYPE ID	BASE O/A	LUMBER		OVERHANG		REACTIONS				
		TOP	BOT			TOP	BOT	LEFT	RIGHT					
	1	10.00	0.00	ROOF C05-GR	15-08-00 15-08-00	2 X 6	2 X 6		01-03-00	Joint 4 1286.5 lbs. -382.1 lbs.	Joint 7 1373.1 lbs. -380.7 lbs.			
	1 2 Ply	10.00	0.00	COMMON C06-GR	15-08-00 15-08-00	2 X 6	2 X 8		01-03-00	Joint 5 3371.3 lbs. -588.0 lbs.	Joint 9 5036.6 lbs. -518.6 lbs.			
	2	10.00	0.00	COMMON C1GE	15-08-00 15-08-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 185.1 lbs. -53.7 lbs.	Joint 10 174.8 lbs. -17.6 lbs.	Joint 12 165.6 lbs. -100.2 lbs.	Joint 13 189.7 lbs. -123.9 lbs.	Joint 14 181.9 lbs. -91.4 lbs.
	2	10.00	0.00	ROOF M1-GR	06-07-08 06-07-08	2 X 6	2 X 6	01-03-00		Joint 2 348.2 lbs. -83.4 lbs.	Joint 5 270.9 lbs. -154.7 lbs.			
	2	10.00	0.00	GABLE PB1	10-08-09 10-08-09	2 X 4	2 X 4			Joint 1 34.0 lbs. -24.8 lbs.	Joint 2 58.4 lbs. -42.9 lbs.	Joint 6 50.4 lbs. -37.6 lbs.	Joint 7 26.4 lbs. -2.1 lbs.	Joint 8 229.8 lbs. -2.8 lbs.
	2	10.00	0.00	GABLE PB2	10-09-03 10-09-03	2 X 4	2 X 4			Joint 2 359.6 lbs. -69.7 lbs.	Joint 5 354.5 lbs. -62.8 lbs.	Joint 7 175.6 lbs. -32.0 lbs.	Joint 8 170.1 lbs. 39.6 lbs.	
	16	10.00	0.00	PIGGYBACK PB3	10-08-09 10-08-09	2 X 4	2 X 4			Joint 2 253.2 lbs. -29.5 lbs.	Joint 4 253.2 lbs. -40.1 lbs.	Joint 6 400.6 lbs. 10.3 lbs.		
	2	10.00	0.00	GABLE PB4	17-00-09 17-00-09	2 X 4	2 X 4			Joint 1 290.8 lbs. -548.6 lbs.	Joint 2 867.0 lbs. -353.4 lbs.	Joint 7 381.1 lbs. -119.3 lbs.	Joint 8 115.2 lbs. -224.1 lbs.	Joint 9 326.5 lbs. -49.0 lbs.
	2	10.00	0.00	PIGGYBACK PB5	17-00-09 17-00-09	2 X 4	2 X 4			Joint 2 243.5 lbs. -22.5 lbs.	Joint 6 191.0 lbs. 18.7 lbs.	Joint 8 688.8 lbs. -163.6 lbs.	Joint 10 356.4 lbs. 6.8 lbs.	
	1	10.00	0.00	GABLE PB6	17-00-09 17-00-09	2 X 4	2 X 4			Joint 1 110.5 lbs. -143.5 lbs.	Joint 2 263.9 lbs. -42.7 lbs.	Joint 7 123.9 lbs. -10.7 lbs.	Joint 8 16.3 lbs. -9.0 lbs.	Joint 9 308.4 lbs. -136.0 lbs.
	42	10.00	0.00	JACK-OPEN X1	06-06-07 06-06-07	2 X 6	2 X 6	01-03-00		Joint 2 337.4 lbs. 29.7 lbs.	Joint 3 211.5 lbs. -139.7 lbs.	Joint 4 126.6 lbs. 38.0 lbs.		

Reaction Summary of Order



REQ. QUOTE DATE	/ /	ORDER #	J0922-4832
ORDER DATE	09/21/22	QUOTE #	
DELIVERY DATE	/ /	CUSTOMER ACCT #	0000006670
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Rudy Huff	INVOICE #	
COUNTY	Cumberland	TERMS	Net 10 Days
SUPERINTENDANT	Rudy Huff	SALES REP	Neil Baggett
JOBSITE PHONE #	(910) 303-8551	SALES AREA	Hampton Horrocks

SOLD TO	R.G. Williams Const. Co. Inc 1561 Cypress Lakes Rd Hope Mills, NC 28348 (910) 323-4488	JOB NAME: Ringled Residence MODEL: Roof TAG: The Wildwood DELIVERY INSTRUCTIONS:	LOT # TBD SUBDIV: TBD JOB CATEGORY: WCall - Will Call
	R.G. Williams Const. Cumberland County, NC	SPECIAL INSTRUCTIONS:	PLAN SEAL DATE:

BUILDING DEPARTMENT	OVERHANG INFO	HEEL HEIGHT	00-06-08	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /
Roof Order	END CUT RETURN PLUMB	GABLE STUDS	24 IN. OC	NONE	JOBSITE 1 CUTTING	LAYOUT	/ /

ROOF TRUSSES	LOADING INFORMATION	TCLL-TCDL-BCLL-BCDL	STRESS INCR.	ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)
		20.0,10.0,0.0,10.0	1.15	

PROFILE	QTY	PITCH		TYPE ID	BASE O/A	LUMBER		OVERHANG		REACTIONS
		TOP	BOT			TOP	BOT	LEFT	RIGHT	
	7	10.00	0.00	JACK-OPEN Y1	04-05-06 04-05-06	2 X 6	2 X 6	01-03-00		Joint 2 Joint 3 Joint 4 257.6 lbs. 136.2 lbs. 84.8 lbs. 13.5 lbs. -93.0 lbs. 25.4 lbs.
	8	10.00	0.00	JACK-OPEN Y2	02-05-06 02-05-06	2 X 6	2 X 6	01-03-00		Joint 2 Joint 3 Joint 4 187.9 lbs. 57.7 lbs. 44.8 lbs. -4.7 lbs. -45.7 lbs. 13.4 lbs.
	1	10.00	0.00	ROOF Y3	04-05-06 04-05-06	2 X 6	2 X 6			Joint 4 Joint 5 Joint 6 128.2 lbs. 78.3 lbs. 175.8 lbs. -80.2 lbs. 13.5 lbs. 13.1 lbs.
	4	12.00	0.00	JACK-OPEN Y4	02-09-04 02-09-04	2 X 6	2 X 6	01-03-00		Joint 2 Joint 3 Joint 4 198.5 lbs. 78.8 lbs. 51.3 lbs. -4.2 lbs. -76.2 lbs. -13.2 lbs.
	2	12.00	0.00	JACK-OPEN Y5	02-09-04 02-09-04	2 X 6	2 X 6	01-03-00		Joint 2 Joint 4 Joint 5 198.5 lbs. 62.3 lbs. 45.7 lbs. -32.7 lbs. -26.7 lbs. -15.6 lbs.
	4	7.07	0.00	DIAGONAL HIP Z1	09-01-07 09-01-07	2 X 6	2 X 6	01-09-03		Joint 2 Joint 7 492.0 lbs. 458.7 lbs. -51.8 lbs. -176.4 lbs.

ITEMS

QTY	ITEM TYPE	SIZE	LENGTH FT-IN-16	PART NUMBER	NOTES
4	Hangers, USP	HJC26			SIMPSON (THJU26)
12	Hangers, USP	HUS 26			SIMPSON (HUS26)
2	LVL Beams (Sized)	LVL, 1-3/4" x 11-7/8" (S)	36-00-00		FB1
2	LVL Beams (Sized)	LVL, 1-3/4" x 24" (S)	28-00-00		24" LVL is <<ONLY>> sold in 20, 24, 28 or 48 foot lengths!!! (sm) GDH
3	Hangers, USP	THD26-2			SIMPSON (HHUS26-2)