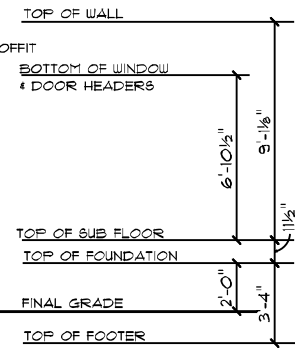




NOTE:  
CONTINUOUS RIDGE VENTS  
ALL ROOF RIDGES

**BEVERLY COASTAL / CUSTOM**  
FRONT ELEVATION  
9' CEILING HEIGHT



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

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

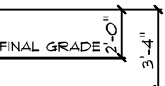
06/26/2024





NOTE:  
CONTINUOUS RIDGE VENTS  
ALL ROOF RIDGES

**BEVERLY COASTAL / CUSTOM**  
REAR ELEVATION  
9' CEILING HEIGHT



DATE: 2/1/2024  
SCALE: 1/8" = 1'-0"  
DRAWN BY: DJK  
DWS: 1

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SQUARE FOOTAGES: 2150 SQFT  
MAIN FLOOR: 2150 SQFT  
GARAGE: 469 SQFT  
FOUNDATION: 2150 SQFT  
PORCH: 12 SQFT

CUSTOM BUILT FOR: LIDDELL AND LAUAN MCLEAN  
JOB #: DU TOO 024 0301 CN #: 35292  
VIN #: MC456  
LOCATION: 14923 MCDOWGALD RD  
SANFORD, NC 27332  
HARNETT COUNTY

Raleigh/Durham, NC  
182 West Hamlin Road  
Benson, NC 27504  
(877) 261-3482  
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*Paul Schumacher*  
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DATE: 2/1/2024

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

DRAWN BY: DJK

DWG: 2

SQUARE FOOTAGES: 2150 SQFT

MAIN FLOOR: 2150 SQFT

GARAGE: 469 SQFT

FOUNDATION: 2150 SQFT

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CUSTOM BUILT FOR: LIDDELL AND LAUAN MCLEAN

JOB #: DU TOO 014 0301

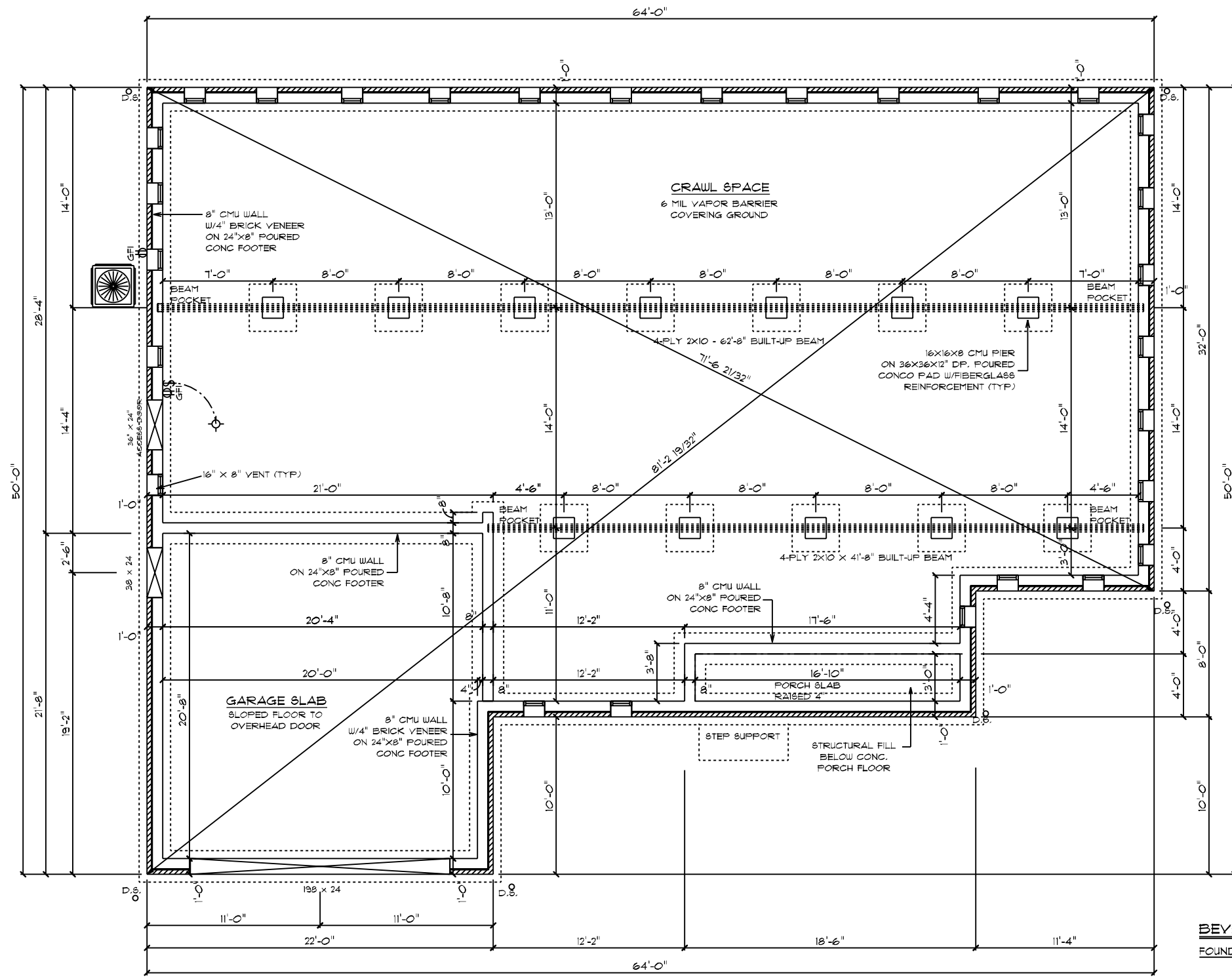
LOCATION: 14923 MCDOWGALD RD  
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**FOUNDATION NOTES:**

1. BRICK VENEER ALL EXPOSED FOUNDATION
2. BOTTOM OF PIER PADS ELEVATION SHALL BE 2" BELOW BOTTOM OF CONT. FOOTER ELEVATION.
3. CONCRETE & MASONRY FOUNDATION WALLS SHALL EXTEND ABOVE FINISHED GRADE ADJACENT TO THE FOUNDATION A MIN. OF 4" WHERE MASONRY VENEER IS USED AND 6" MIN. ELSEWHERE.
4. ALL SILLS, PLATES, OR BAND JOISTS THAT REST ON OR IN CONTACT WITH CONCRETE OR MASONRY EXTERIOR WALLS SHALL REQUIRE THE USE OF PRESSURE PRESERVATIVE TREATMENT.

**PIERS:**

1. THE UNSUPPORTED HEIGHT OF MASONRY PIERS SHALL NOT EXCEED 10 TIMES THEIR LEAST DIMENSION. WHEN HOLLOW CONCRETE MASONRY UNITS ARE USED FOR ISOLATED PIERS TO SUPPORT BEAMS AND GIRDERS, THE CELLULAR SPACES SHALL BE FILLED SOLIDLY WITH CONCRETE.

**CRAWL SPACE VENT CALCULATIONS:**

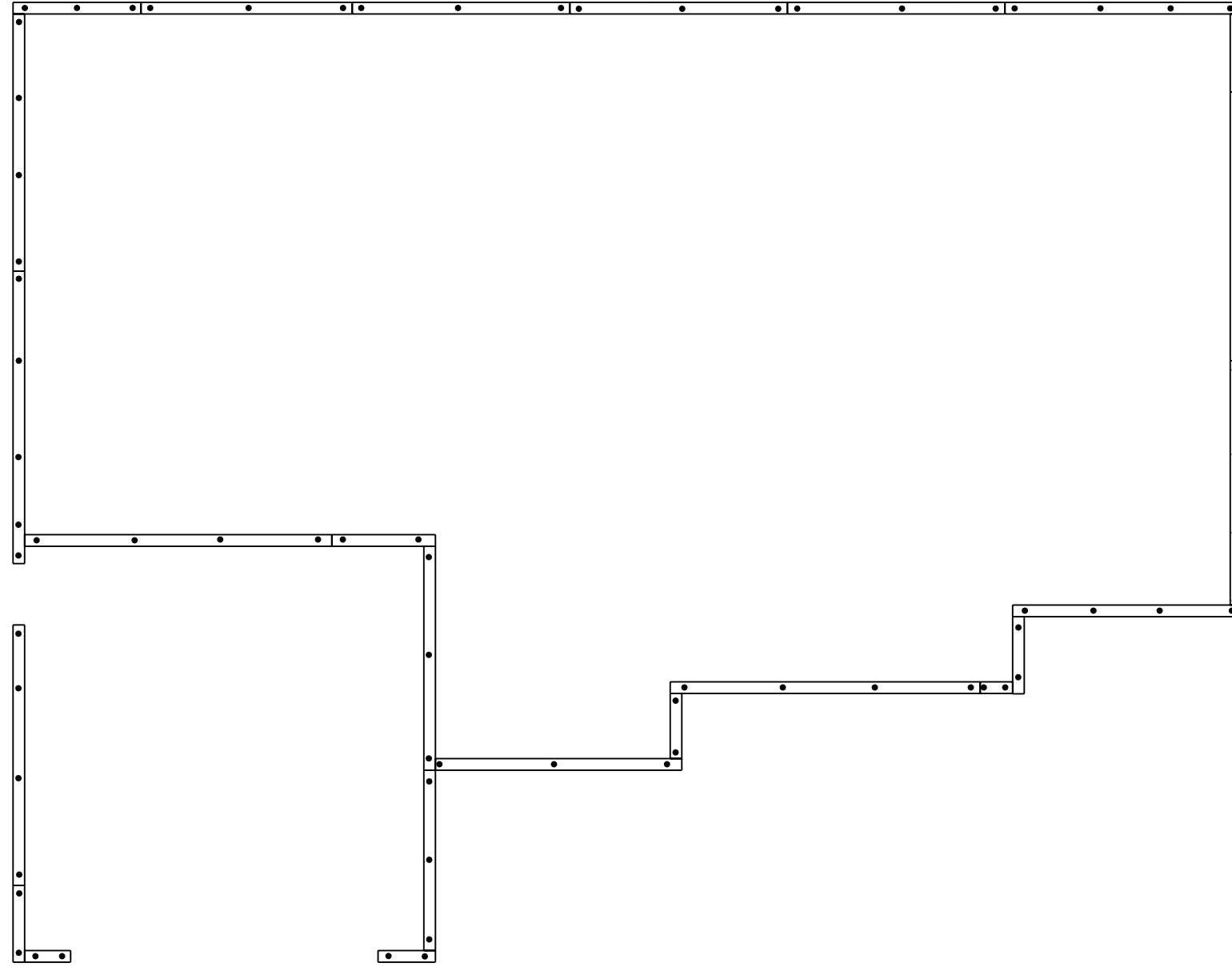
TOTAL CRAWL SPACE AREA: 2150  
 8"X16" VENT = 128 SQ. IN. = 0.89 SQ. FT.  
 ASSUMED NET FREE AREA = 0.53 SQ. FT. PER VENT  
 TOTAL SQ. FT. VENTILATION NEEDED:  
 2150 / 150 = 14.33  
 14.33 / 0.53 = 28 TOTAL VENTS.

**GENERAL ELECTRICAL NOTES:**

- GFI'S REQUIRED IN CRAWL SPACE • ACCESS PANEL AND • AIR HANDLER/FURNACE
- LIGHTS TO BE WITHIN 6" OF ACCESS PANEL AND • AIR HANDLER/FURNACE
- WIRE AIR HANDLER/FURNACE
- ELECTRICAL PANEL TO BE GROUNDED TO THE OUTSIDE

**BEVERLY COASTAL / CUSTOM**  
 FOUNDATION PLAN

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	CUSTOM BUILT FOR: LIDDELL AND LAJUAN MCLEAN JOB #: DU 700 024 0301 CN #: 35282 V.N. #: MC456 LOCATION: 14923 MCDOWGALD RD SANFORD, NC 27332 HARNETT COUNTY
DRAWN BY: DJK	DATE: 2/1/2024
SCALE: 1/8" = 1'-0"	SHEET NO.: 3
SQUARE FOOTAGES: 2150 SQFT MAIN FLOOR: 2150 SQFT GARAGE: 469 SQFT FOUNDATION: 2150 SQFT PORCH: 12 SQFT	1931-2024 SCHUMACHER HOMES OPERATIONS, INC. ALL RIGHTS RESERVED. THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SCHUMACHER HOMES OPERATIONS, INC. AND IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. IT IS NOT TO BE USED TO CREATE DERIVATIVE WORKS, TECHNICAL DRAWINGS OR TO BUILD A STRUCTURE, REPRODUCED, COPIED, OR MODIFIED IN WHOLE OR PART, WITHOUT THE EXPRESS WRITTEN CONSENT OF SCHUMACHER HOMES, AND SUCH UNAUTHORIZED USE OR COPYING IS A VIOLATION OF UNITED STATES COPYRIGHT LAW AND THAT RESULT IN DAMAGES IN EXCESS OF \$100,000 PER ACT OF INFRINGEMENT.



**CONSTRUCTION NOTES:**

1. 2x8 TREATED SILL PLATE
2. 1/2" DIAM. X 18" L. ANCHOR BOLTS SHALL EXTEND A MINIMUM OF 1" INTO MASONRY OR CONCRETE AS REQUIRED BY CODE @ 6" O.C. AND 12" FROM ALL CORNERS (2 PER CORNER)
3. ANCHOR BOLTS TO BE LOCATED IN CENTER 1/3 OF SILL PLATE

**BEVERLY COASTAL / CUSTOM**  
BOLT & PLATE PLAN

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

DATE: 2/1/2024

DRAWN BY: DJK

DSG: 4

SQUARE FOOTAGES: 2150 SQFT

MAIN FLOOR: 2150 SQFT  
GARAGE: 469 SQFT  
FOUNDATION: 2150 SQFT  
PORCH: 12 SQFT

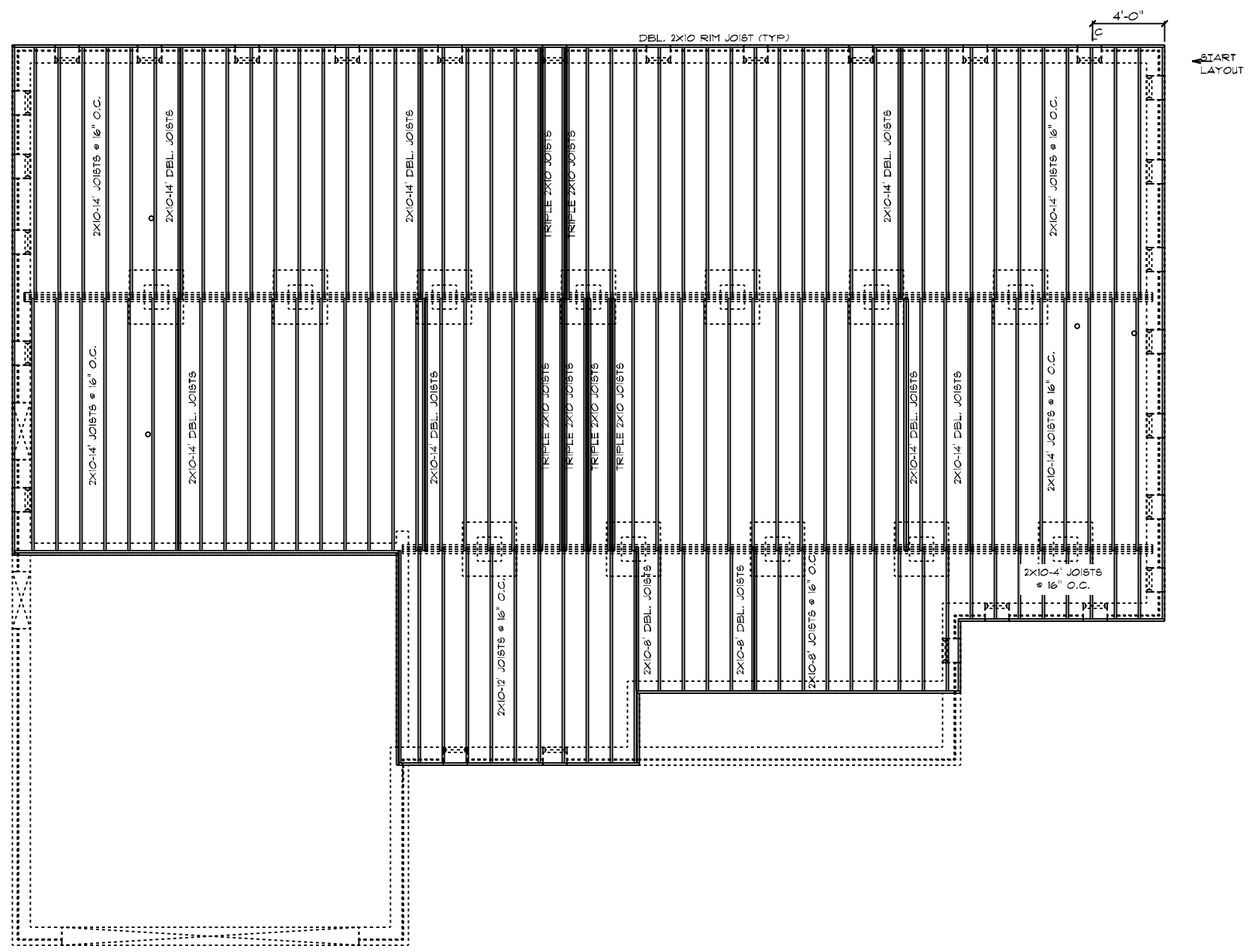
CUSTOM BUILT FOR: LIDDELL AND LAUAN MCLEAN

JOB #: DU TOO 024 0301    CN #: 35292    VN #: MC456

LOCATION: 14923 MCDOWGALD RD  
SANFORD, NC 27332  
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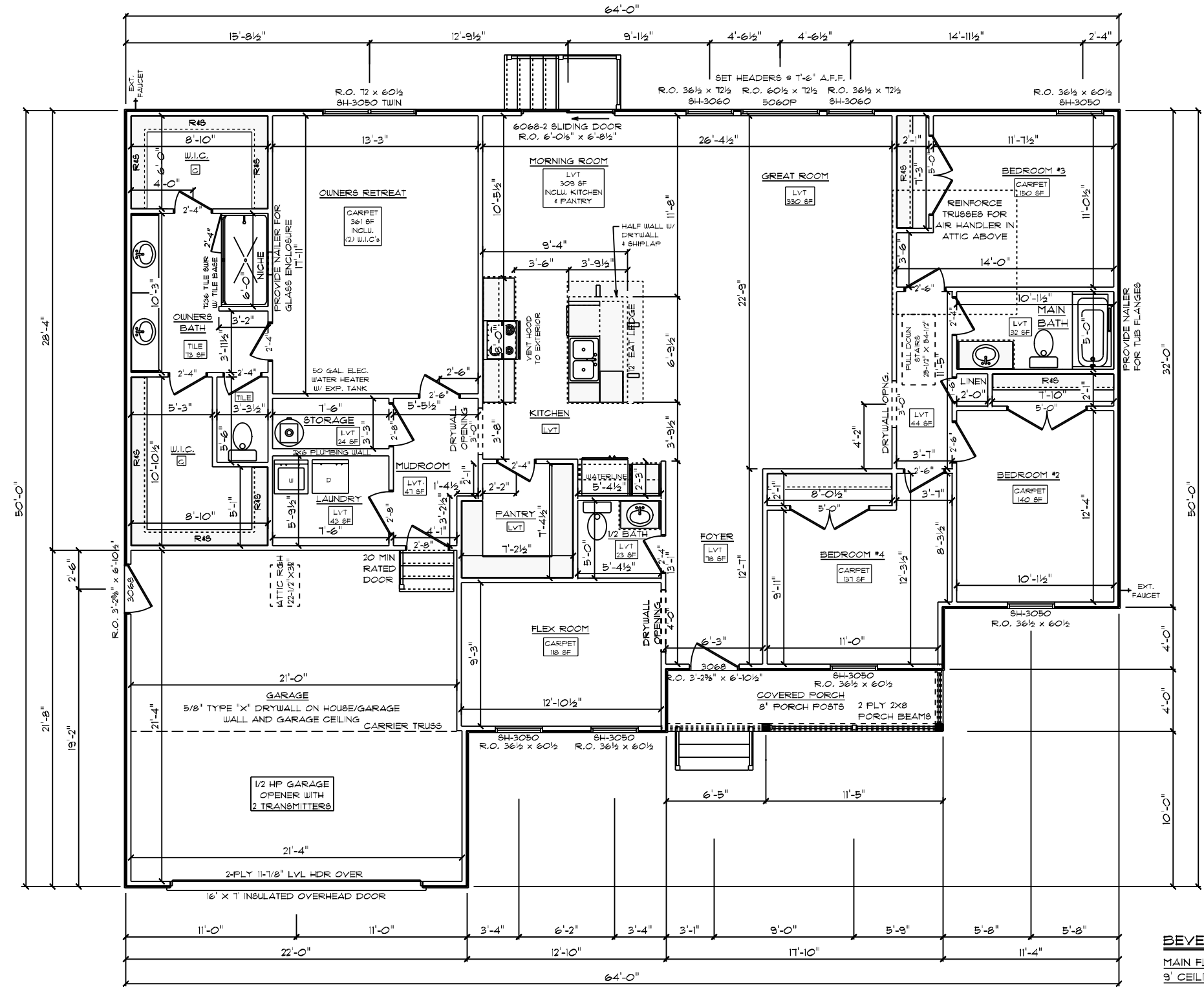


BEVERLY COASTAL / CUSTOM  
MAIN FLOOR JOIST PLAN

FRAMING NOTES:

1. LEAVE 14 1/2" BETWEEN EACH END JOIST & RIM JOIST TO ALLOW FOR INSULATION.
2. INSULATE ALL FRAMED CHANNELS & CORNERS; ALSO, BEHIND EACH TUB AND SHOWER UNIT.
3. INSTALL FIREBLOCK FRAMING IN ALL STAIRWAY CEILING.
4. INSTALL ALL TRUSSES, I-JOISTS, LVL'S AND BEAMS PER MANUFACTURER SPECIFICATIONS AND LAY OUTS. DO NOT CUT, NOTCH OR BORE WITHOUT EXACT SPECIFICATIONS.
5. ALL FRAMING TO BE SOUTHERN YELLOW PINE NO. 2 OR GREATER UNLESS NOTED OTHERWISE.
6. DOUBLE JOISTS SHOULD BE LOCATED UNDER ALL PARTITIONS WHEN THE LENGTH OF THE PARTITION EXCEEDS 1/2 THE SPAN OF THE JOIST.

 <p><b>SCHUMACHER HOMES</b></p>	<p>Raleigh/Durham, NC 182 West Hamlin Road Benson, NC 27504 (811) 261-3482 www.schumacherhomes.com</p>	<p>CUSTOM BUILT FOR: LIDDELL AND LAUAN MCLEAN JOB #: DU 700 014 0301 CN #: 35282 LOCATION: 14923 MCDOWGALD RD SANFORD, NC 27332 HARNETT COUNTY</p>	<p>SQUARE FOOTAGES: 2150 SQFT MAIN FLOOR: 2150 SQFT GARAGE: 465 SQFT FOUNDATION: 2150 SQFT PORCH: 12 SQFT</p>
<p>DATE: 2/1/2024 SCALE: 1/8" = 1'-0"</p>		<p>DRAWN BY: DJK DWG: B</p>	
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**GENERAL FRAMING NOTES:**

- DRYWALLED OPENINGS TO BE 8'-0" HEIGHT UNLESS OTHERWISE NOTED
- HEADERS TO BE 2-PLY 2X10 W/ (1) KING & (2) JACK STUDS UNLESS OTHERWISE NOTED
- ALL LVL, CARRIER TRUSSES AND BEAMS TO HAVE A MIN OF (2) KING & (2) JACK STUDS, UNLESS NOTED OTHERWISE

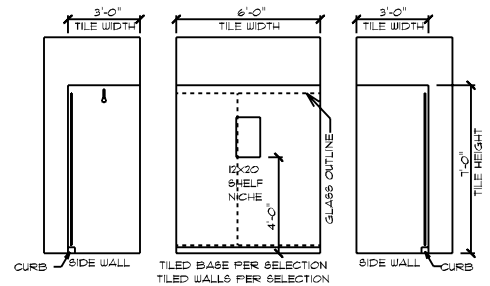
**PLAN NOTES:**

- SMOOTH CEILINGS THROUGHOUT HOME
- PAINTED TRIM
- 5-1/4" BASEBOARDS
- 3-1/4" CASING ON INTERIOR DOORS AND WINDOWS HAVE DRYWALLED RETURNS
- INTERIOR DOORS PER SELECTION

**FLOORING NOTES:**

- ALL FLOORING BREAKS OCCUR @ CENTER LINE OF DOOR OPENINGS UNLESS OTHERWISE NOTED
- FLOORING SQUARE FOOTAGES INCLUDE CLOSETS RELATIVE TO THE AREA UNLESS OTHERWISE NOTED
- SOME FLOORING SQUARE FOOTAGES MAY INCLUDE HALLS OR AREAS THAT CONNECT WITHOUT WALL SEPARATION IF THE SAME FINISH IS CONTINUED

PROVIDE AIR BARRIER/THERMO-FLY AT INSULATED VERTICAL WALLS BETWEEN HEATED AND UNHEATED AREAS



**6' TILED SHOWER DETAIL**  
MEMBRANE WATERPROOFING ON FLOORS AND WALLS

**BEVERLY COASTAL / CUSTOM**

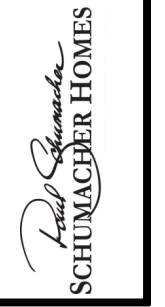
MAIN FLOOR PLAN  
9' CEILING HEIGHT

DATE: 2/1/2024  
SCALE: 1/8" = 1'-0"  
DRAWN BY: DJK  
DWG: 6

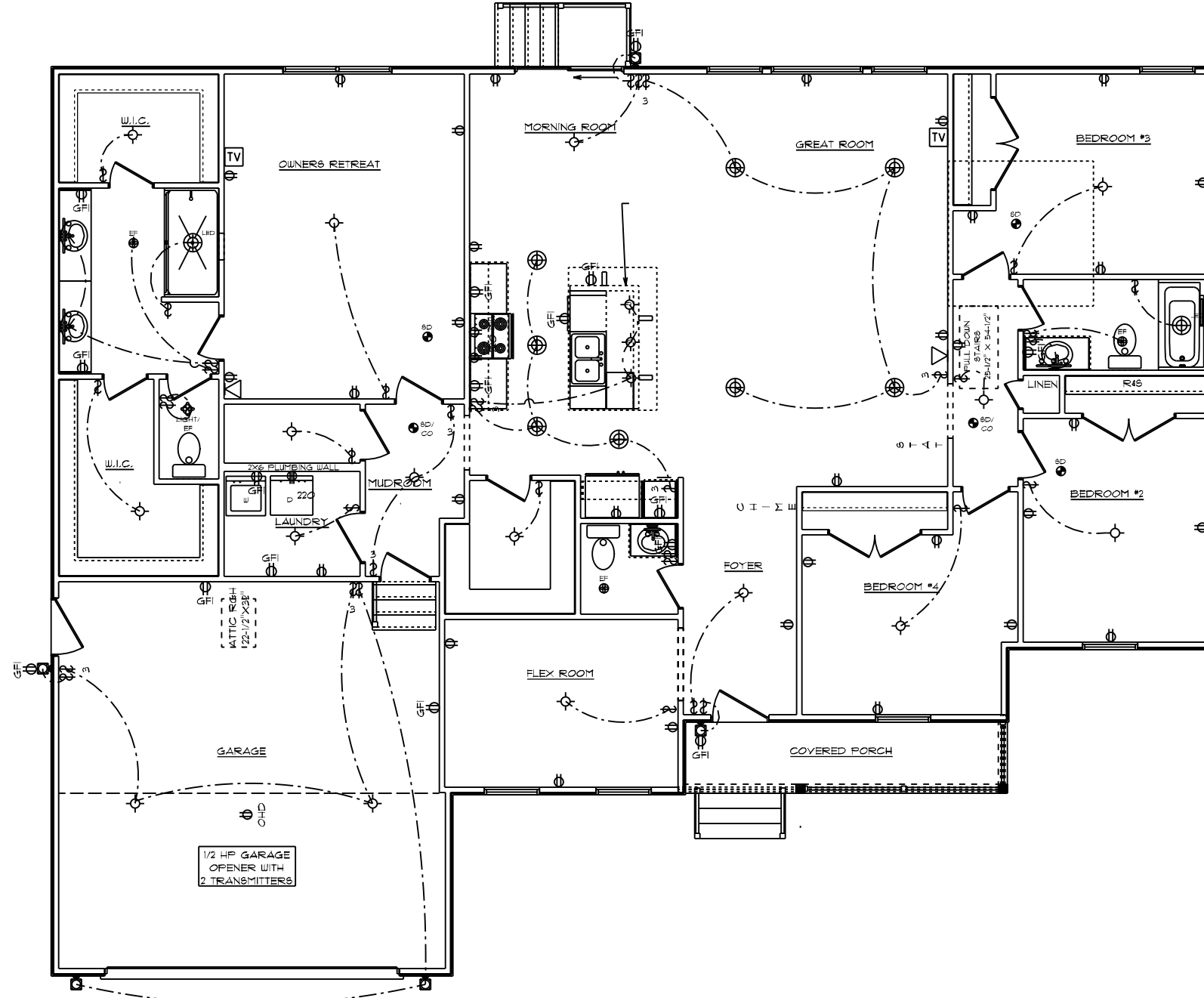
SQUARE FOOTAGES: 2150 SQFT  
MAIN FLOOR: 2150 SQFT  
GARAGE: 465 SQFT  
FOUNDATION: 2150 SQFT  
PORCH: 12 SQFT

CUSTOM BUILT FOR: LIDDELL AND LAJUAN MCLEAN  
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**ELECTRICAL NOTES:**

- ALL SMOKE DETECTORS TO BE INTER CONNECTED WITH BATTERY BACKUP
- ARC FAULT PROTECTION PER CODE
- GARAGE DOOR LOW VOLTAGE WIRING BY ELECTRICIAN
- TWO SEPARATE KITCHEN GENERAL ELECTRIC OUTLET CIRCUITS FED BY NUMBER 12 WIRE & ON 20 AMP BREAKERS REQUIRED IN KITCHEN
- ALL OUTLETS INSTALLED IN BATHROOMS, GARAGES, & UNFINISHED BASEMENTS SHALL HAVE GFCI PROTECTION ALONG WITH OUTLETS LOCATED W/IN 6'-0" OF LAUNDRY, UTILITY, & WET BAR SINKS & ALL OUTLETS SERVING KITCHEN COUNTER TOP SURFACES.
- PROGRAMMABLE THERMOSTAT STANDARD
- CO DETECTORS STANDARD
- (1) DUAL SENSOR (PHOTOELECTRIC & IONIZATION) SMOKE DETECTOR PER FLOOR. ALL OTHER SMOKE DETECTORS TO BE EITHER PHOTOELECTRIC OR IONIZATION TYPE DEVICES
- LED LIGHT BULBS FOR ALL HANGING FIXTURES
- MOUNTING HEIGHTS
  - VANITY LIGHTS: 80" AFF
  - WALL SCONCES: 66" AFF
  - PENDANT LIGHTS: 66" AFF
  - CHANDELIERS (TO BTM OF FIXTURE)
  - FOYER 3' CEILING: 84"
  - FOYER OVER 3' CLG: 90"
  - DINING ROOM: 80"

• ELECTRICAL ITEMS SHOWN FOR REFERENCE ONLY. THE ELECTRICIAN WILL LAYOUT THE HOUSE PER CODE AND MAY VARY FROM ELECTRICAL PLAN.

**BEVERLY COASTAL / CUSTOM**

MAIN FLOOR PLAN  
9' CEILING HEIGHT  
ELECTRICAL PLAN

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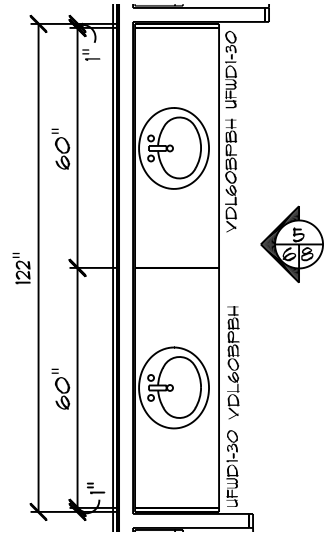
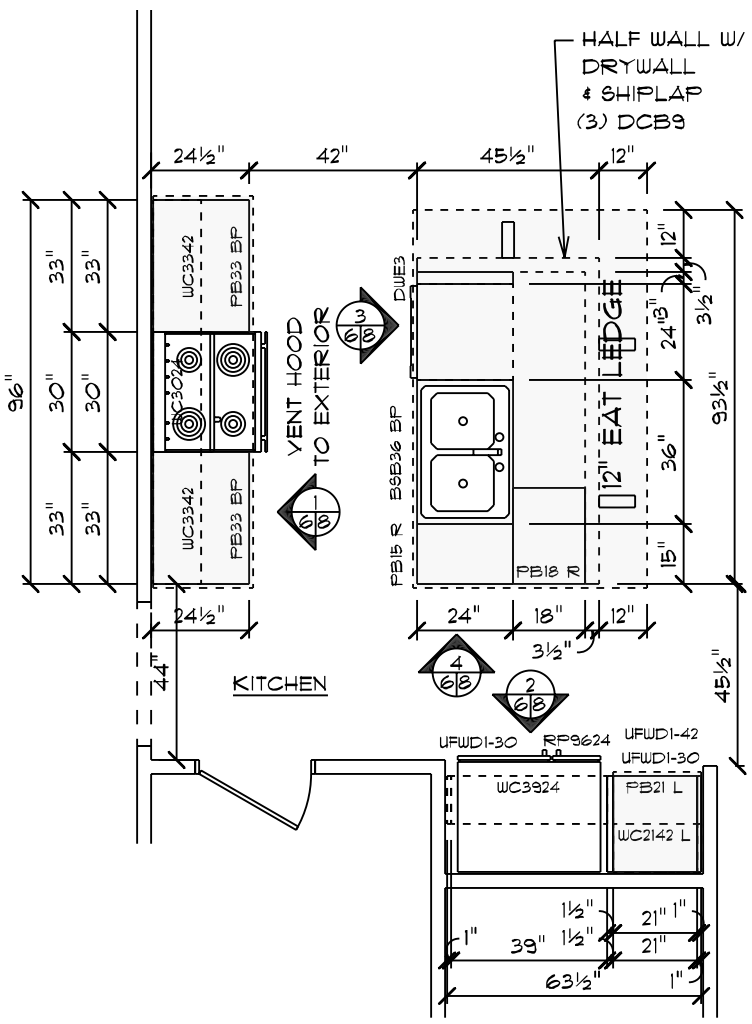
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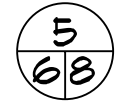
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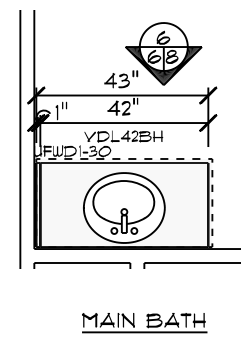




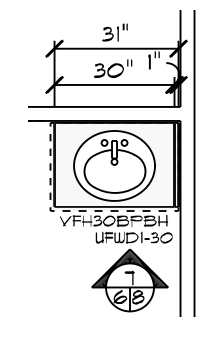
OWNER'S BATH



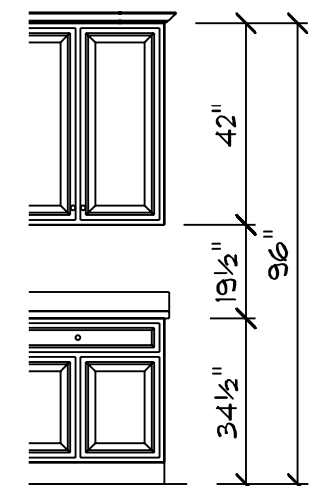
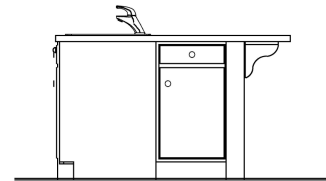
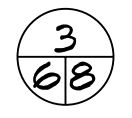
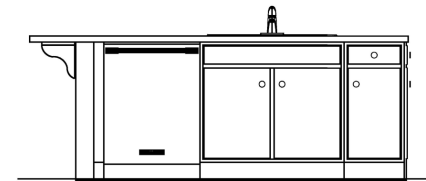
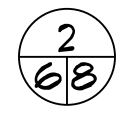
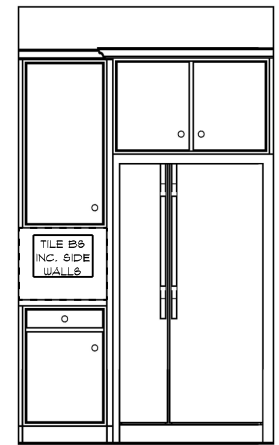
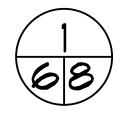
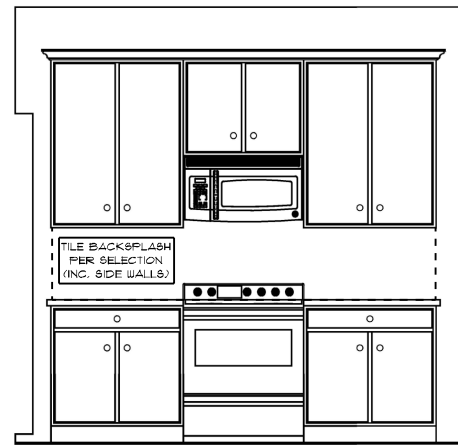
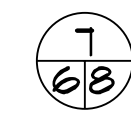
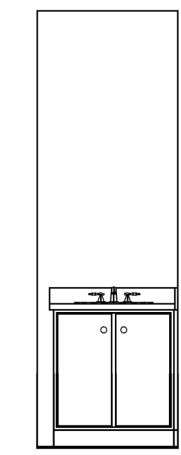
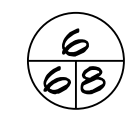
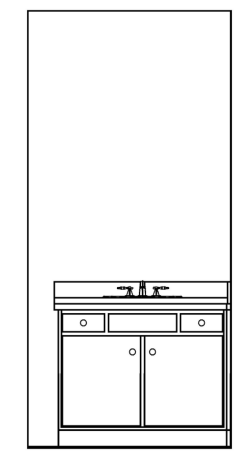
**CABINET NOTES:**  
**KITCHEN**  
 • MARSH CABINETS  
 • 2-1/4" KITCHEN CABINET CROWN MOLDING  
 • COUNTERTOPS PER SELECTION  
 • KITCHEN SINK PER SELECTION  
 • HARDWARE PER SELECTION  
**BATHS**  
 • MARSH CABINETS  
 • COUNTERTOPS PER SELECTION  
 • HARDWARE PER SELECTION  
 CABINET IMAGES, HARDWARE, APPLIANCES & OTHER DESIGN ITEMS ARE SHOWN FOR REPRESENTATION PURPOSES ONLY REFER TO FINAL SELECTIONS



MAIN BATH



1/2 BATH

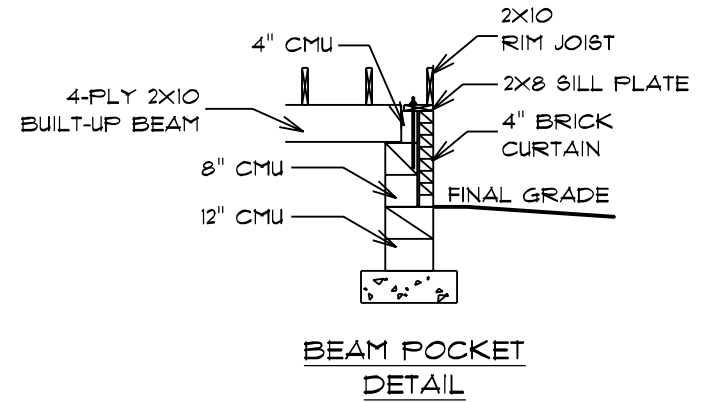
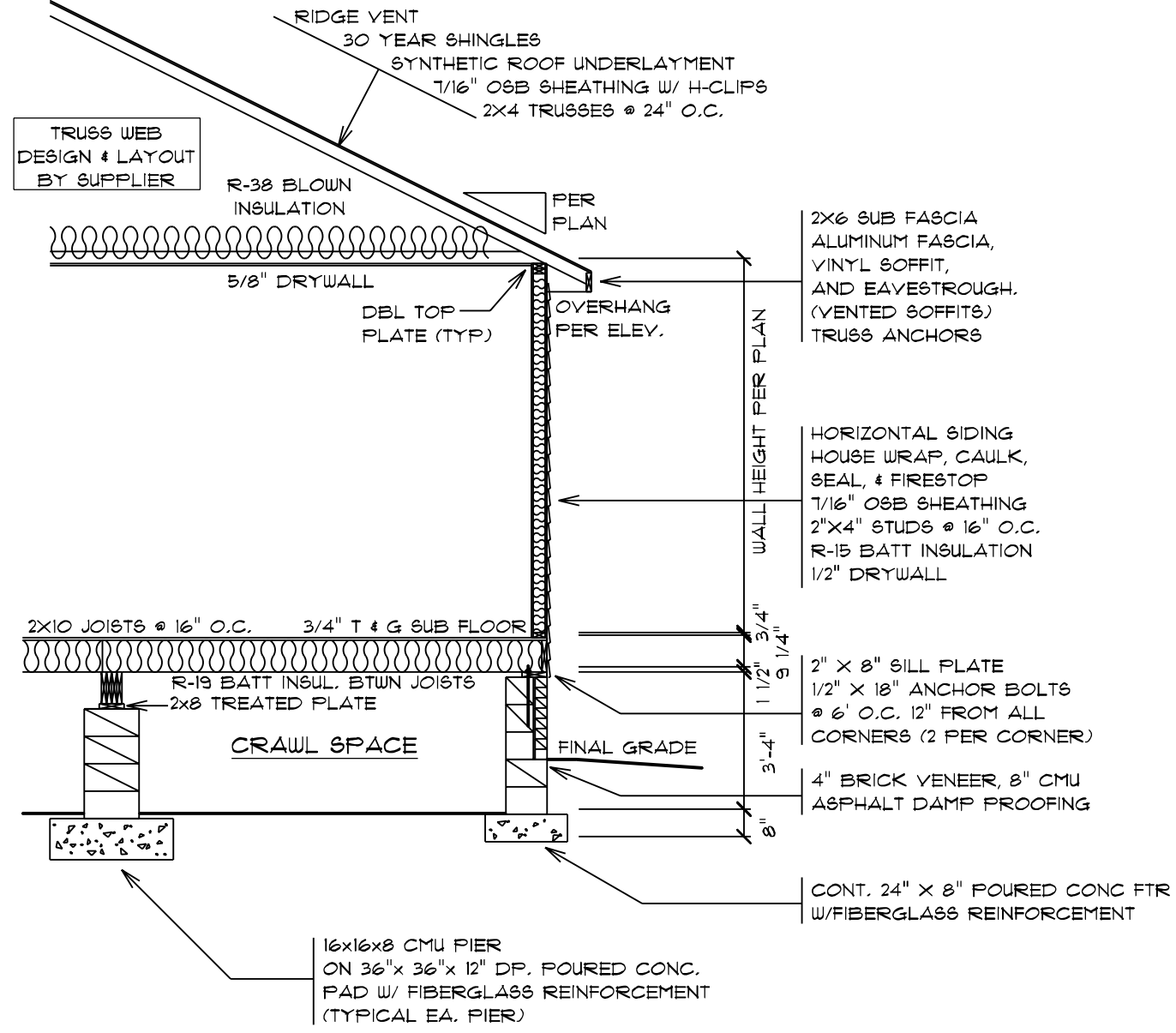


TYPICAL CABINET HEIGHTS

CUSTOM BUILT FOR: LIDDELL AND LAUAN MCLEAN  
 JOB #: DU 100 014 0501 CN #: 35292 VN #: MC456  
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 DATE: 2/1/2024  
 DRAWN BY: DJK  
 DRG: 8  
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NOTE:  
 ROOF UNDERLAYMENT TO BE OVERLAPPED  
 50% PLUS 1" ON ROOFS LESS THAN 4/12 PITCH



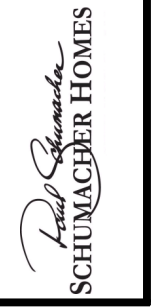
**BEVERLY COASTAL / CUSTOM**  
**WALL SECTION**

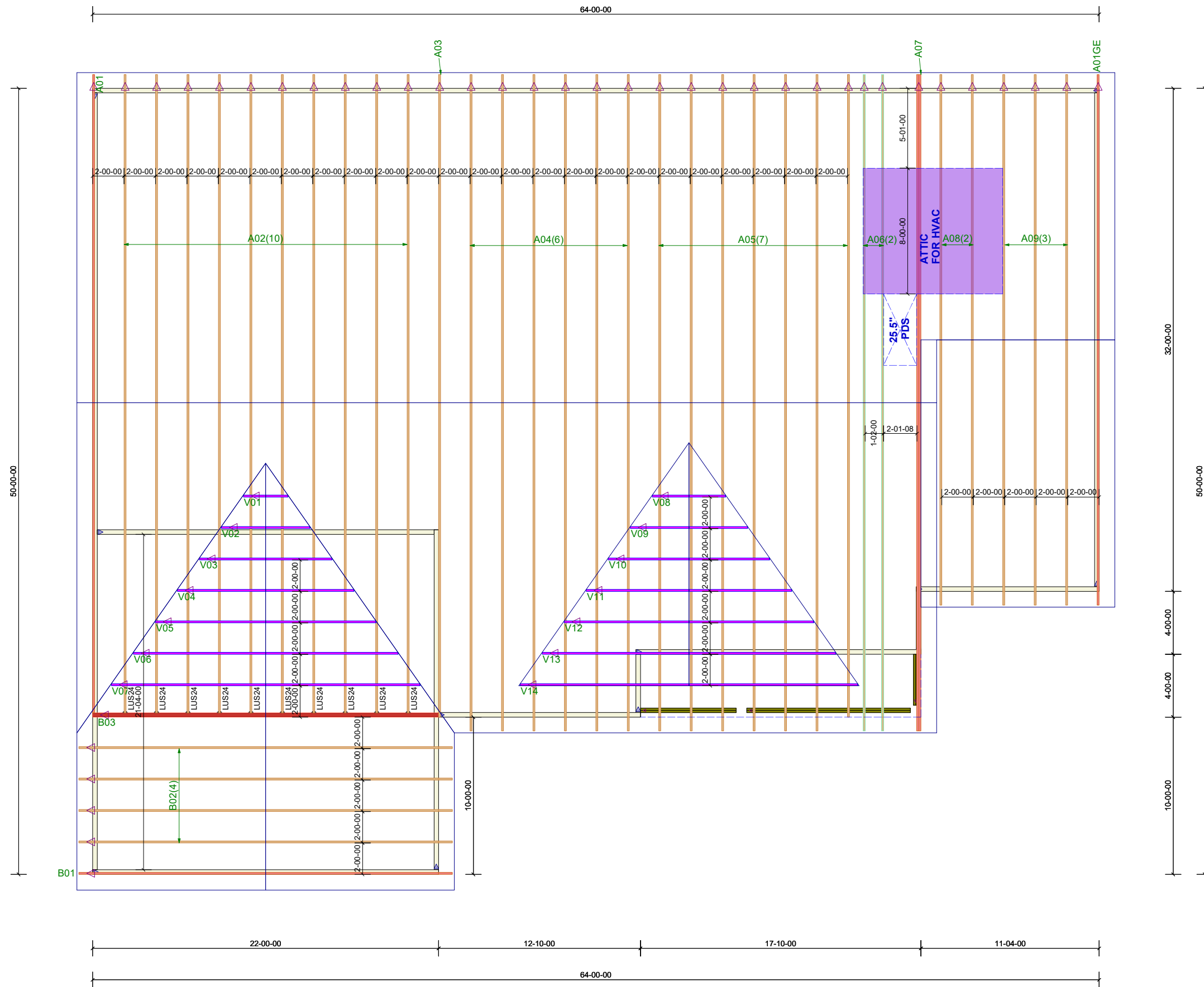
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 DWS: 9

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 Dunn NC 28334  
 United States  
 Office: 770-787-8715

**Schumacher Homes**  
**MCLEAN RESIDENCE**  
 MCLEAN RESIDENCE  
 Job# - 2400183

Location	2383-Dunn
Designer	IP

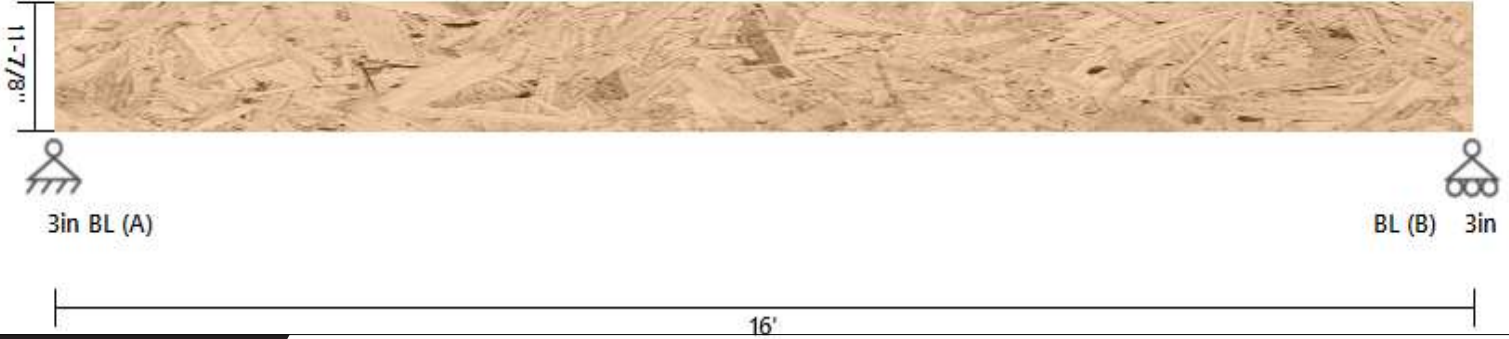
DO NOT CUT, NOTCH, OR BORE HOLES  
 UNLESS SPECIFIC, WRITTEN PERMISSION IS PROVIDED BY  
 AN AUTHORIZED REPRESENTATIVE OF 84 LUMBER.

TRUSS INSTALLATION REQUIRES TEMPORARY AND  
 PERMANENT BRACING. GENERAL GUIDANCE IS PROVIDED  
 IN SBCA DOC'S  
 B-1 and B-3. THESE ARE INCLUDED WITH EACH JOB IN  
 YOUR TRUSS PACKET.

Sheet # **1** of **1**  
**Roof Truss  
 Placement Plan**  
 NOT TO SCALE  
 DESIGNED DATE  
 2/6/2024

DATE:	2/15/2024	COMPANY:	--
STRUCALC BUILD:	StruCalc Plus	DESIGNED BY:	Jason Eaton
CUSTOMER:		REVIEWED BY:	--
PROJ. ADDRESS:	--	PROJECT NAME:	McLean du700 024 0301
LEVEL:	Main Floor	LOADING:	ASD
MEMBER NAME:	Garage Door Header	CODE:	2021 International Building Code
MEMBER TYPE:	FLOOR BEAM	NDS:	2018 NDS
MATERIAL:	Structural Composite Lumber		
Louisiana Pacific	2.0E LVL	(2) 1.75 X 11.875	DRY

**Garage Door Header DIAGRAM**



**BEAM PROPERTIES**

Start (ft): 0 End (ft): 16 Member Slope: 0/12 Actual Length (ft): 16

Area	Ix	Iy	BSW	Lams	Cfn	Kcr
(in <sup>2</sup> )	(in <sup>4</sup> )	(in <sup>4</sup> )	(lbf/ft)			Creep Factor
41.56	488.41	10.61	11.83	2	9	1

**STRENGTH PROPERTIES**

	Fb (psi)	Ft (psi)	Fv (psi)	Fc (psi)	Fc⊥ (psi)	E (psi) x10 <sup>3</sup>	Emin (psi) x10 <sup>3</sup>
Base Values	2900	1800	285	3200	750	2000	1000
Adjusted Values	2900	1800	285	3200	750	2000	1000
C <sub>M</sub>	1	1	1	1	1	1	1
C <sub>T</sub>	1	1	1	1	1	1	1
Bending Adjustment Factors	C <sub>V</sub> = 1	C <sub>r</sub> = 1	Volume factor Is applied on a load combination basis And Is Not reflected in the adjusted values				

**BEAM DATA**

Span	Length (ft)	Unbraced Length (ft)		Beam End				
		Top	Bottom	Elev. Diff (ft)	CL(Top)	CL(Bottom)	CL(Left)	CL(Right)
1	16	0	10	0	1.00	0.96	1.00	1.00

**PASS-FAIL**

	PASS/FAIL	MAGNITUDE	STRENGTH	LOCATION (ft)	LOAD COMBO	DURATION FACTOR CD
Shear Stress Y (psi)	<b>PASS (85.1%)</b>	42.4	285.0	0	D+L	1
Bending Stress Y (psi)	<b>PASS (76.4%)</b>	685.4	2903.4	8	D+L	1
Deflection Y (in)	<b>PASS (72.3%)</b>	0.222 (=L/865)	0.800 (=L/240)	8	D+L	1
Bearing Stress (psi)	<b>PASS (85.1%)</b>	111.9	750.0	0	D+L	1

**REACTIONS**

Units for V: lbf Units for M: lbf-ft

Y axis	DEAD	LIVE	TOTAL
A	559	616	1175
B	559	616	1175

Reaction Location

A

B

**LOAD LIST**

Type	Name	Left Magnitude	Right Magnitude	Load Start (ft)	Load End (ft)	Load Type	Direction
Uniform (lb/ft)	Uniform	77	77	0	16	Live	Y
Uniform (lb/ft)	Uniform	58	58	0	16	Dead	Y
Self Weight (lb/ft)	-	11.83	11.83	0	16	Dead	Y