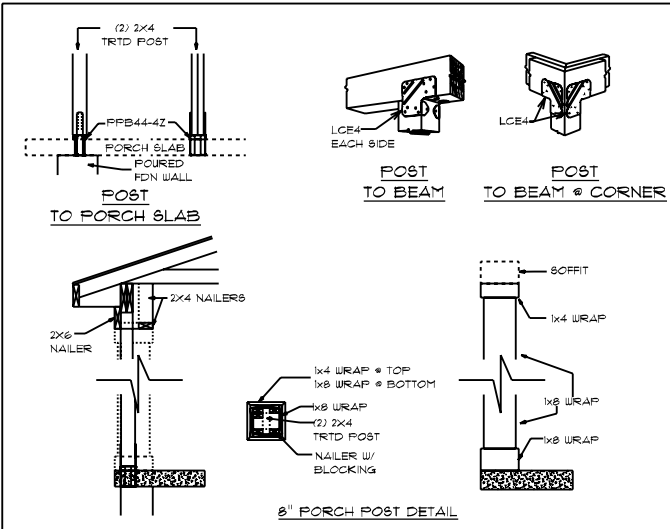
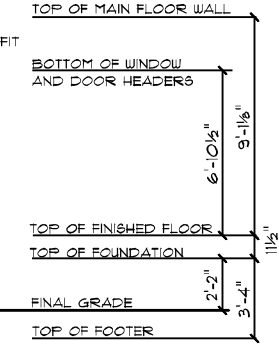


NOTE:
CONTINUOUS RIDGE VENTS
ALL ROOF RIDGES




SANTA BARBARA CLASSIC / 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

10/31/2024


SANTA BARBARA CLASSIC / CUSTOM
REAR ELEVATION
9' CEILING HEIGHT

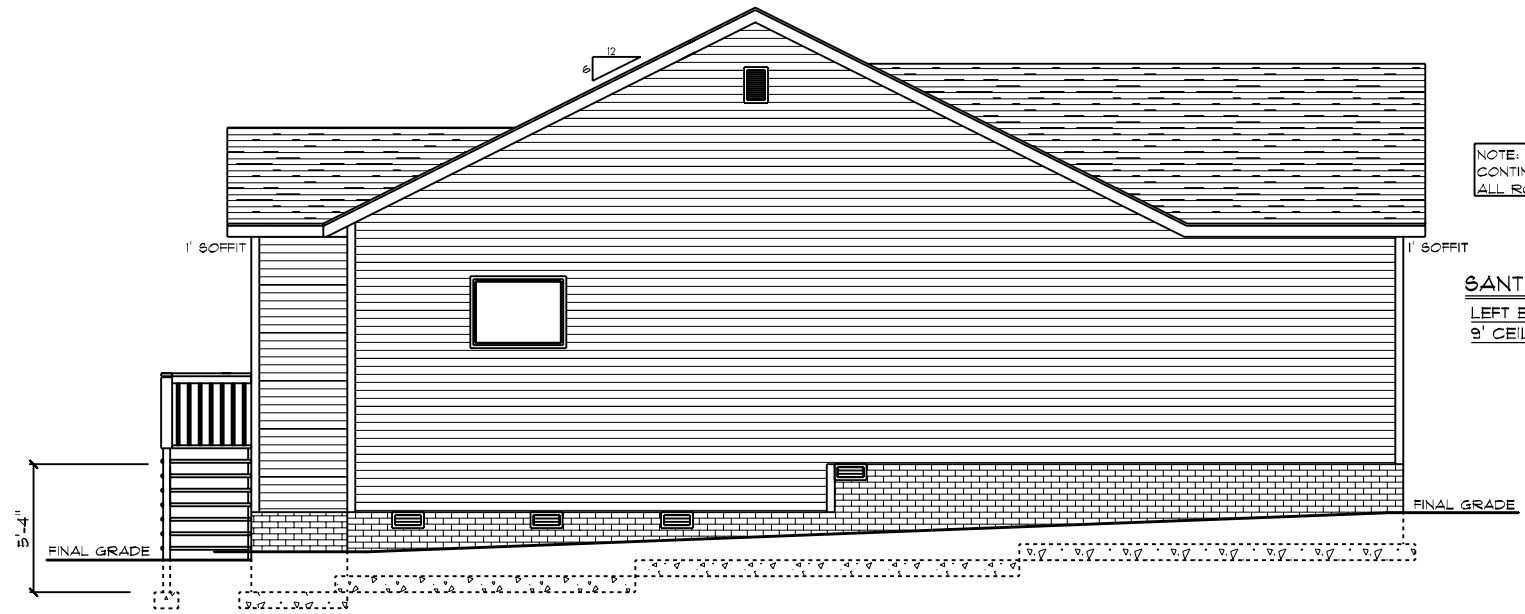
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DRAWN BY: DJK

SQUARE FOOTAGES:
TOTAL: 1822
CRAWL: 1822
MAIN FLOOR: 1822
GARAGE: 458
PORCH: 182

CUSTOM BUILT FOR:
MELISSA AND CHRISTOPHER BRANN
JOB #: DU TOO 024 0336 CN #: 35804
LOCATION: 366 YORKSHIRE DR
CATERON, NC 28326
HARNETT COUNTY

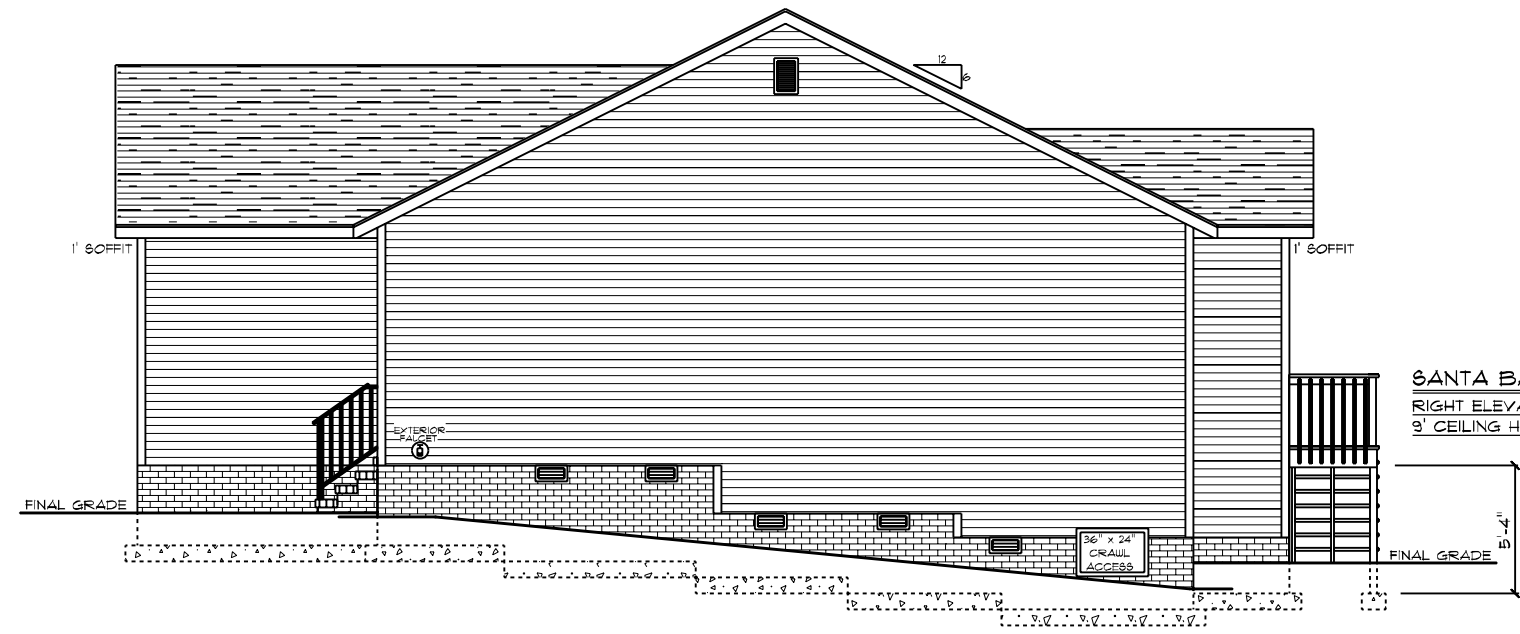
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182 West Hamlin Road
Benson, NC 27504
(811) 261-3482
www.schumacherhomes.com

Paul Schumacher
SCHUMACHER HOMES



NOTE:
CONTINUOUS RIDGE VENTS
ALL ROOF RIDGES

SANTA BARBARA CLASSIC / CUSTOM
LEFT ELEVATION
9' CEILING HEIGHT



SANTA BARBARA CLASSIC / CUSTOM
RIGHT ELEVATION
9' CEILING HEIGHT

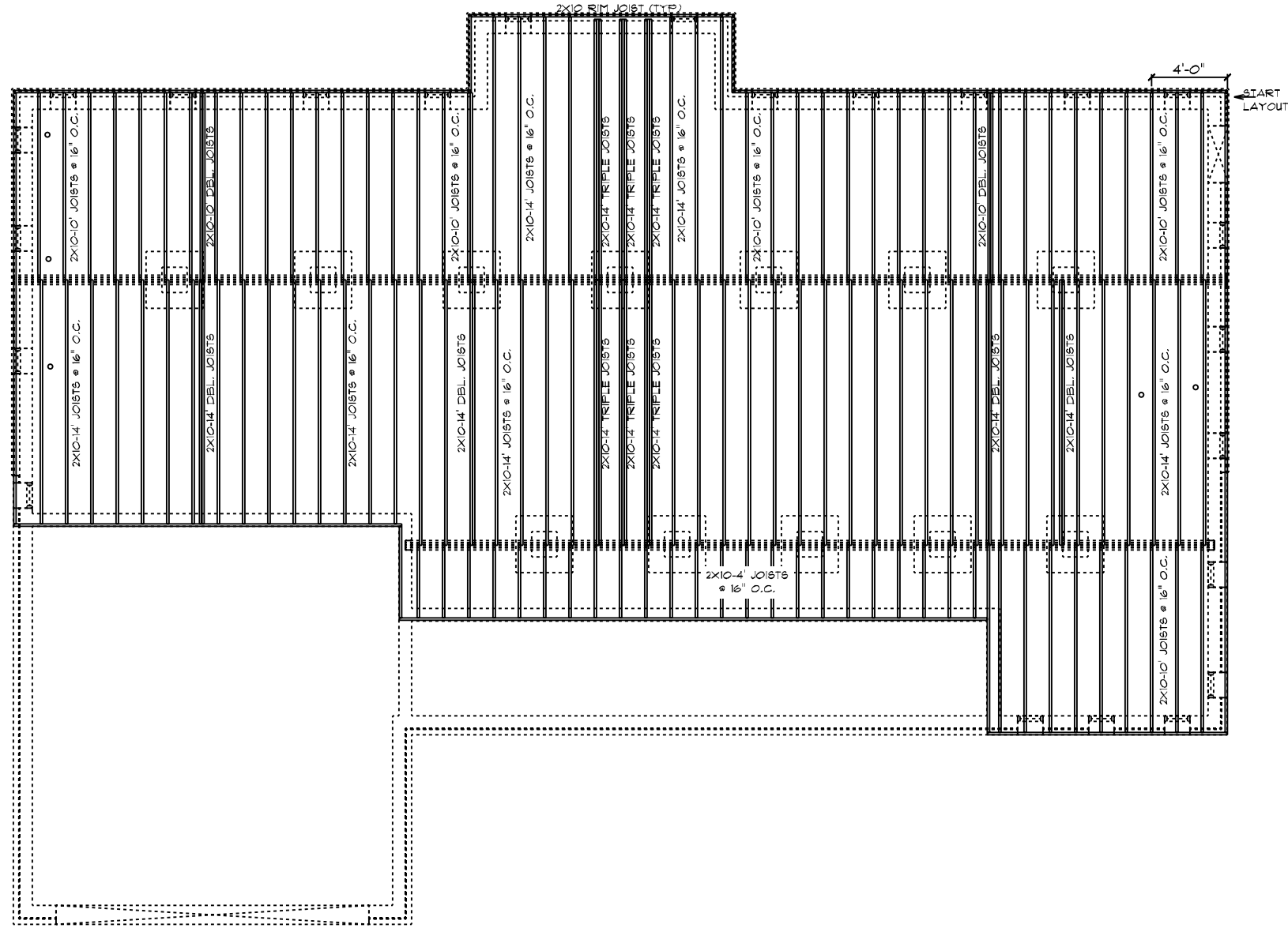
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 DATE: 9/30/2024
 SCALE: 1/8" = 1'-0"
 SHEET: 2

SQUARE FOOTAGES:
 TOTAL: 1822
 CRAWL: 1822
 MAIN FLOOR: 1822
 GARAGE: 438
 PORCH: 182

CUSTOM BUILT FOR:
 MELLISSA AND CHRISTOPHER BRANN
 JOB #: DU TOO 024 0336
 CN #: 35804
 LOCATION:
 366 YORKSHIRE DR
 CANTON, NC, 28326
 HARNETT COUNTY

Raleigh/Durham, NC
 182 West Hamlin Road
 Benson, NC 27504
 (811) 261-3482
 www.schumacherhomes.com





- 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. CANTILEVERED AREAS TO RECIEVE 2X4 DROP W/ 1/16" OSB & TYVEK TO ALLOW FOR PROPER INSULATION AND STOP DRAFTS.
 6. ALL FRAMING TO BE SOUTHERN YELLOW PINE NO. 2 OR GREATER UNLESS NOTED OTHERWISE
- *NOTE: FRAMER TO SET JOISTS SO THAT SHOWERS & TUBS & WATER CLOSETS DRAINS MISS JOISTS.

SANTA BARBARA CLASSIC / CUSTOM
 MAIN FLOOR JOIST PLAN

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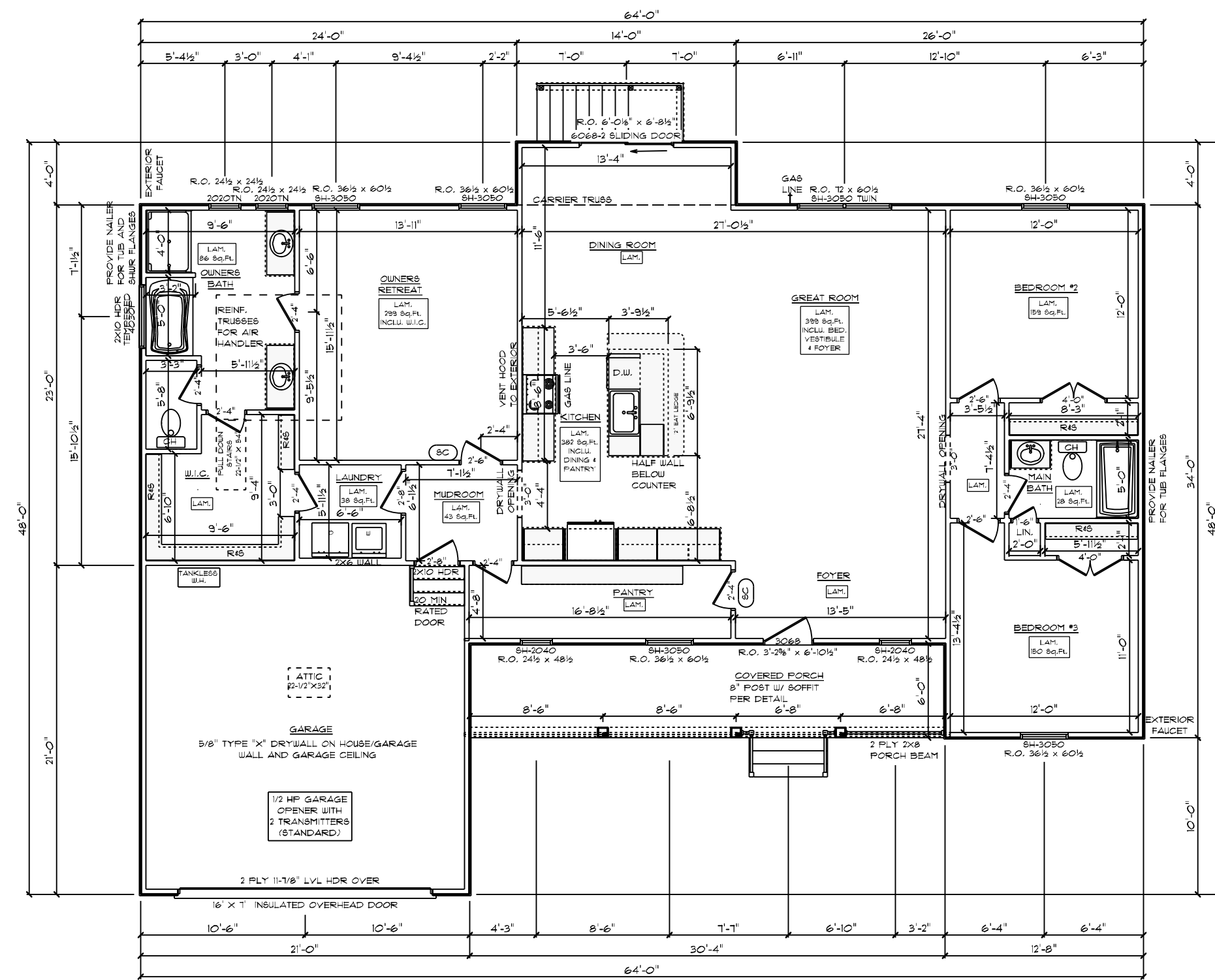


CUSTOM BUILT FOR:
 MELLISSA AND CHRISTOPHER BRANN
 JOB #: DU TOO 024 0336 CN #: 35804 VN #: BR 398
 LOCATION: 366 YORKSHIRE DR
 CANTON, NC 28326
 HARNETT COUNTY

SQUARE FOOTAGES:
 TOTAL: 182
 CRAWL: 182
 MAIN FLOOR: 182
 GARAGE: 438
 PORCH: 182

DATE: 9/30/2024
 SCALE: 1/8" = 1'-0"
 DRAWN BY: DJK
 DWG: 4

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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

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

6-6-23

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

SANTA BARBARA CLASSIC / CUSTOM
 MAIN FLOOR PLAN
 9' CEILING HEIGHT

DRAWN BY: DJK
 DATE: 9/30/2024
 SCALE: 1/8" = 1'-0"
 Dwg: B

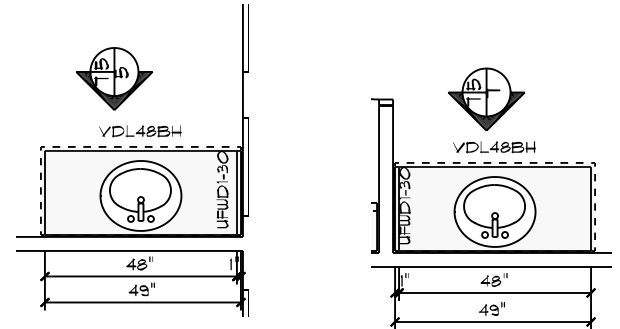
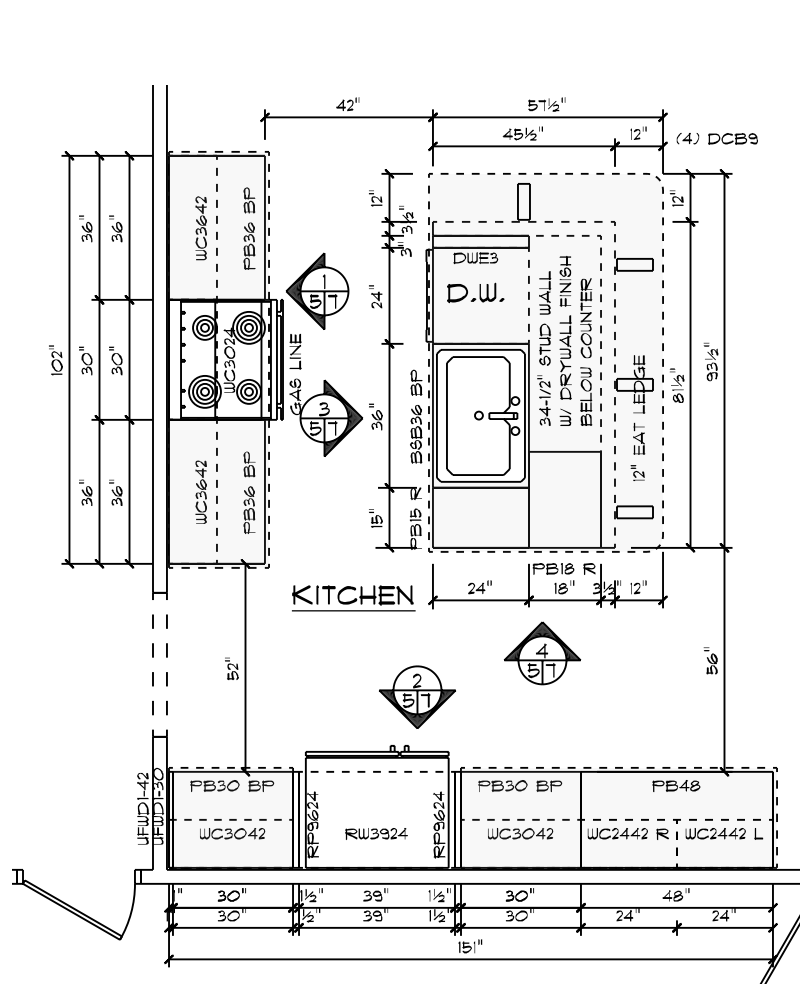
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 MELISSA AND CHRISTOPHER BRANN
 3584 DU TOO DR 034 0336 CN # 35804 V.N. # BR 388
 LOCATION: 366 YORKSHIRE DR CANTON, NC 28326 HARNETT COUNTY

SQUARE FOOTAGES:
 TOTAL: 1822
 CRAWL: 1822
 MAIN FLOOR: 1822
 GARAGE: 458
 PORCH: 182

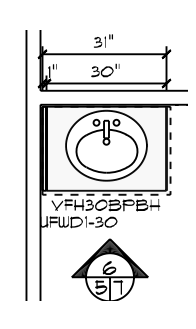
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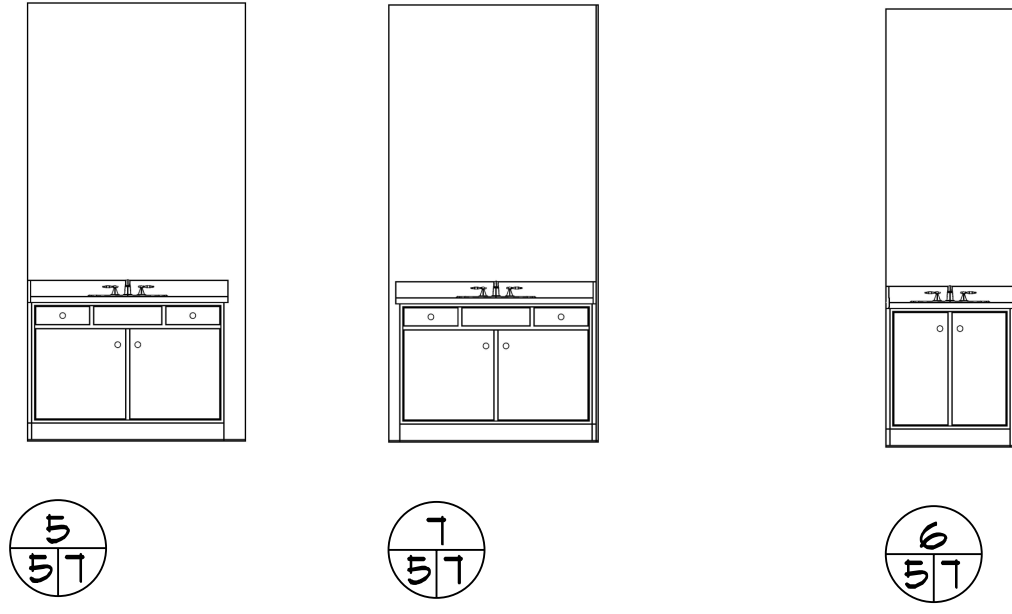


OWNERS BATH

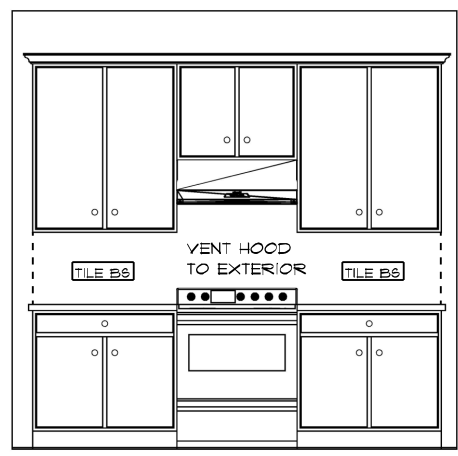


MAIN BATH

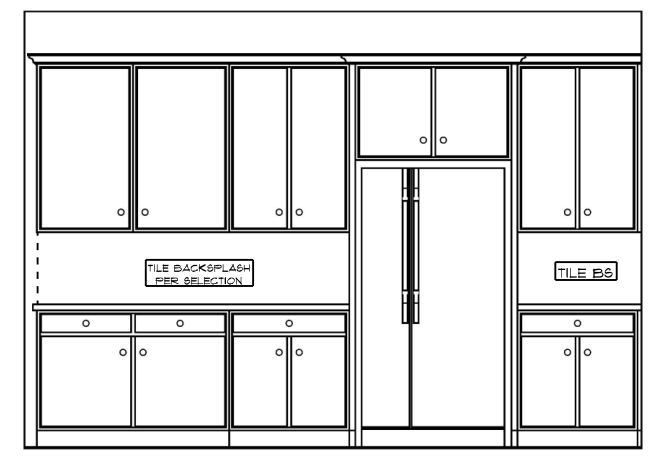
CABINET NOTES:
 KITCHEN
 • MARSH CABINETS
 • 2-1/4" KITCHEN CABINET CROWN MOLDING
 • COUNTERTOPS PER SELECTION
 • KITCHEN SINK PER SELECTION
 • HARDWARE PER SELECTION
 BATHS
 • MARSH CABINETS
 • COUNTERTOPS PER SELECTION
 • HARDWARE PER SELECTION
 CABINET IMAGES, HARDWARE, APPLIANCES & OTHER DESIGN ITEMS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



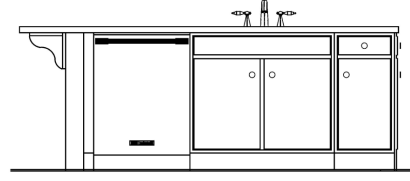
NOTE:
 • NO BACKSPLASH ON SIDE WALL



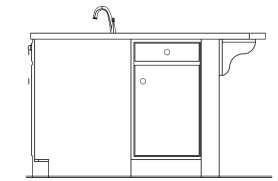
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5/7



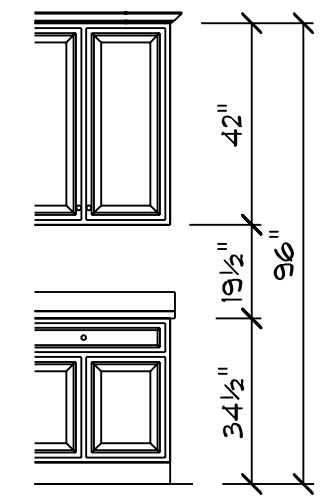
2
5/7



3
5/7

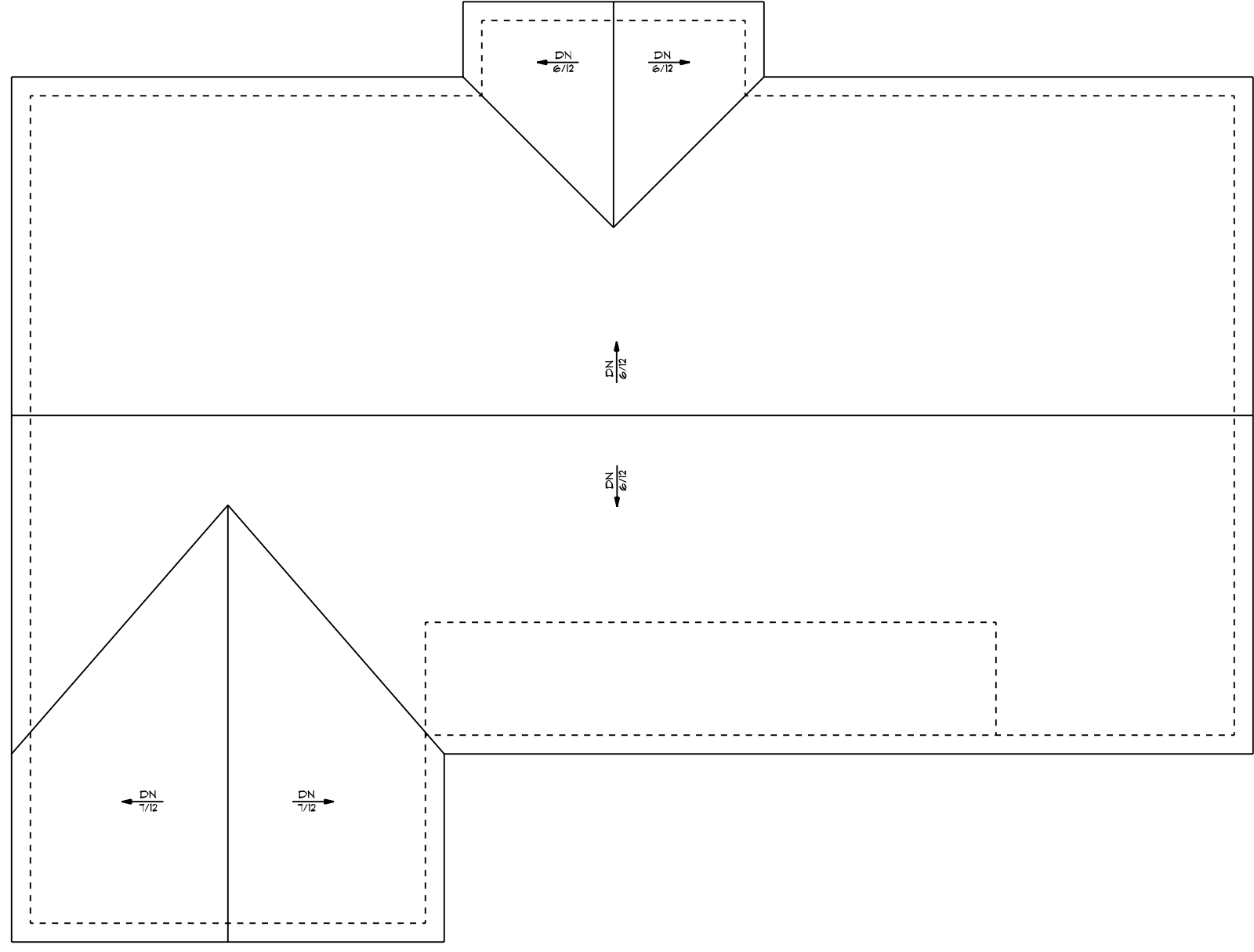


4
5/7




TYPICAL CABINET HEIGHTS

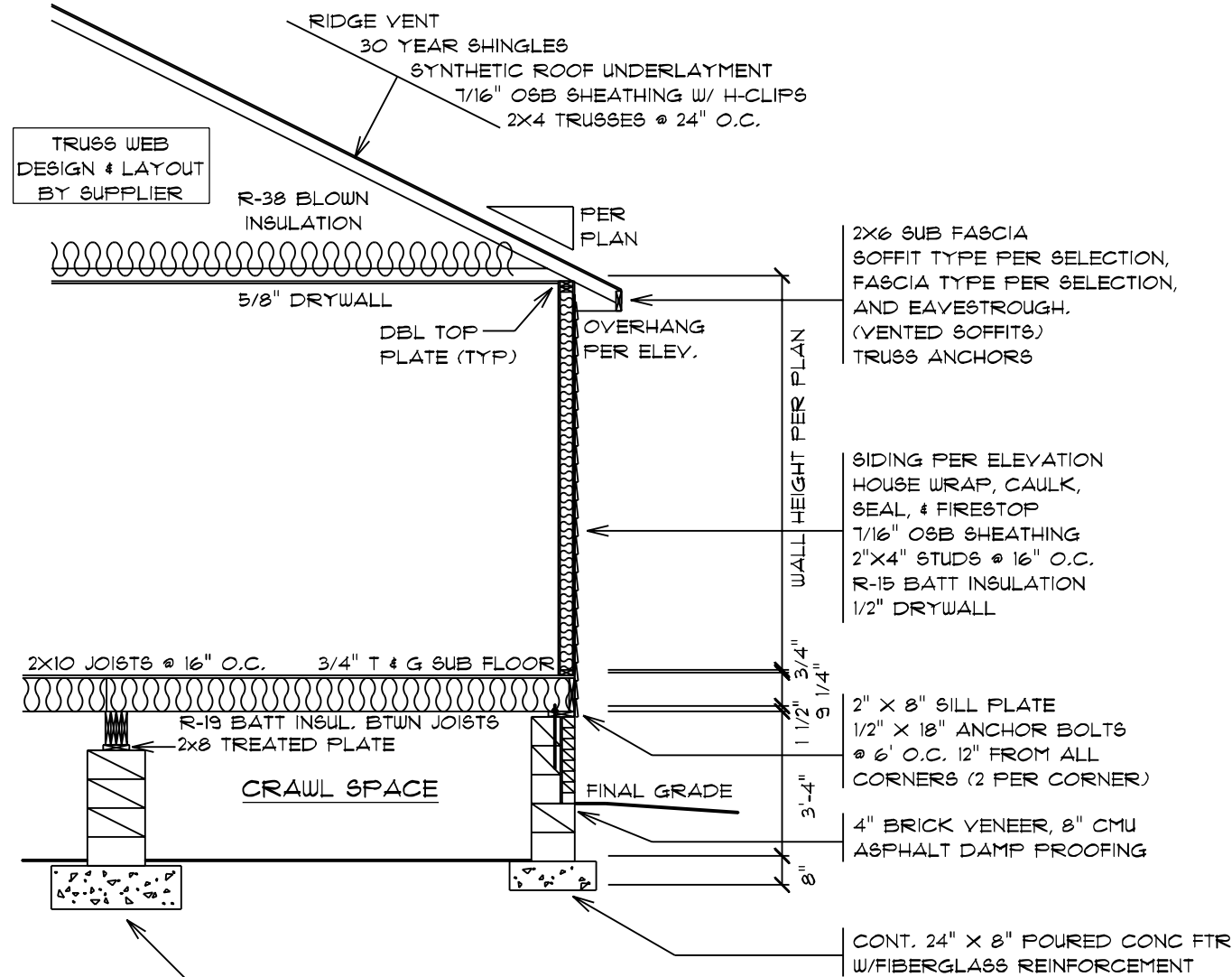
CUSTOM BUILT FOR: MELISSA AND CHRISTOPHER BRANN
 JOB #: DU TOO 024 0336 CN #: 35804 VN #: BR 398
 LOCATION: 366 YORKSHIRE DR CANTON, NC 28336 HARNETT COUNTY
 SQUARE FOOTAGES:
 TOTAL: 182
 CRAWL: 182
 MAIN FLOOR: 182
 GARAGE: 458
 PORCH: 182
 SCALE: AS NOTED
 DATE: 9/30/2024
 DRAIN BY: DJK
 DRAWN BY: DJK
 DATE: 9/30/2024
 SCALE: AS NOTED
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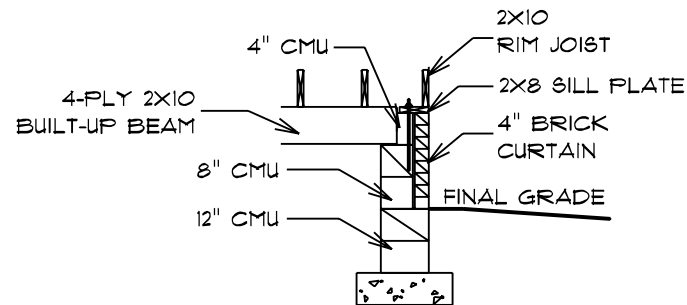
SANTA BARBARA CLASSIC / CUSTOM
ROOF PLAN

 SCHUMACHER HOMES	Raleigh/Durham, NC 182 West Hamlin Road Benson, NC 27504 (811) 261-3482 www.schumacherhomes.com		CUSTOM BUILT FOR: MELISSA AND CHRISTOPHER BRANN	SQUARE FOOTAGES: TOTAL: 1822	DRAWN BY: DJK	DATE: 9/30/2024	SCALE: 1/8" = 1'-0"	DWG: 8
	JOB #: DU TOO 024 0336 CN #: 35504 VN #: BR 398		LOCATION: 366 YORKSHIRE DR CAMERON, NC 28326 HARNETT COUNTY		© 1993-2024 SCHUMACHER HOMES OPERATIONS, INC. ALL RIGHTS RESERVED. THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SCHUMACHER HOMES OPERATIONS, INC. AND IS TO BE USED 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.		CRAIL: 1822 MAIN FLOOR: 1822 GARAGE: 438 PORCH: 182	

NOTE:
ROOF UNDERLAYMENT TO BE OVERLAPPED
50% PLUS 1" ON ROOFS LESS THAN 4/12 PITCH

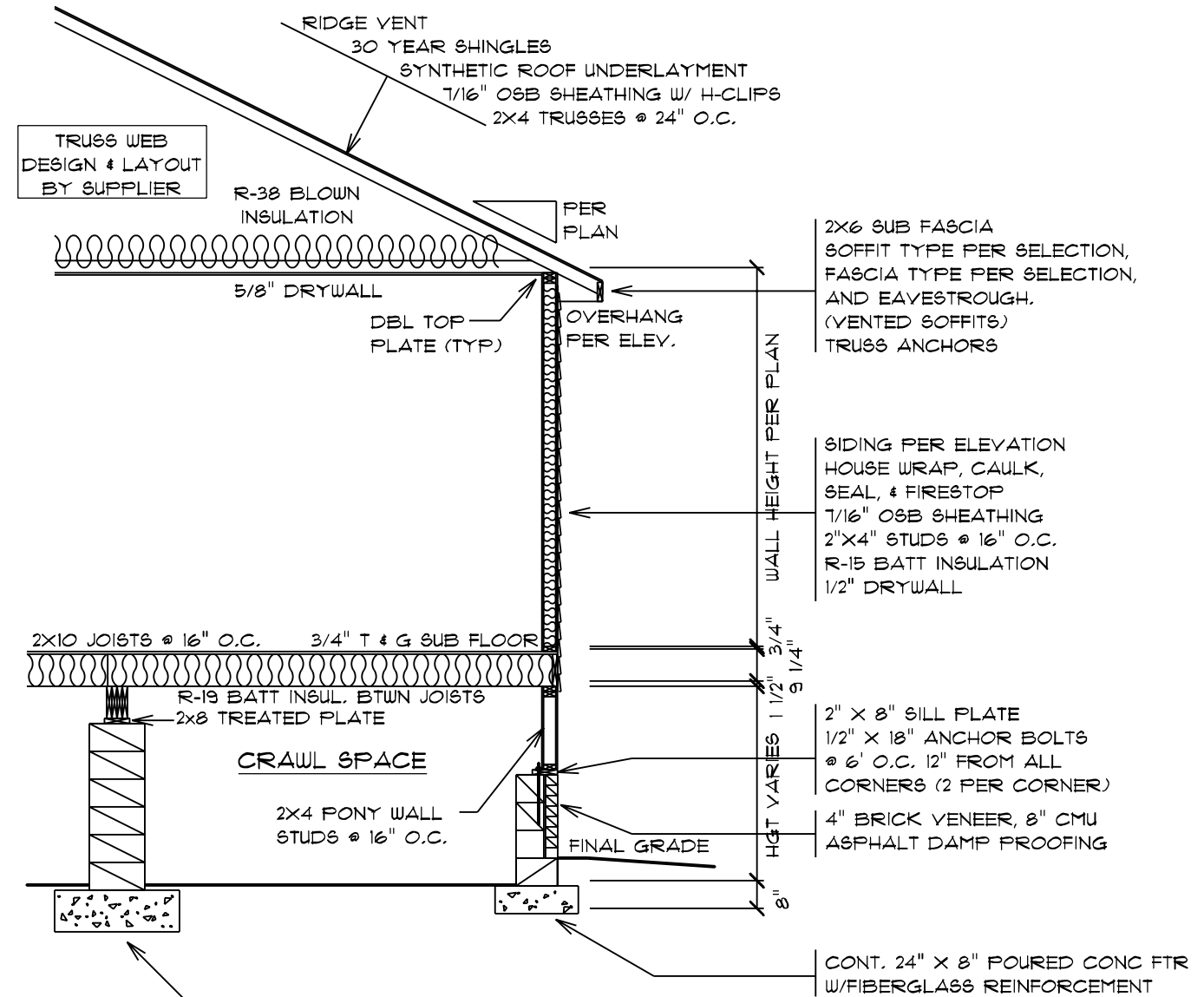


16x16x8 CMU PIER
ON 36"x 36"x 12" DP. POURED CONC.
PAD W/ FIBERGLASS REINFORCEMENT
(TYPICAL EA. PIER)

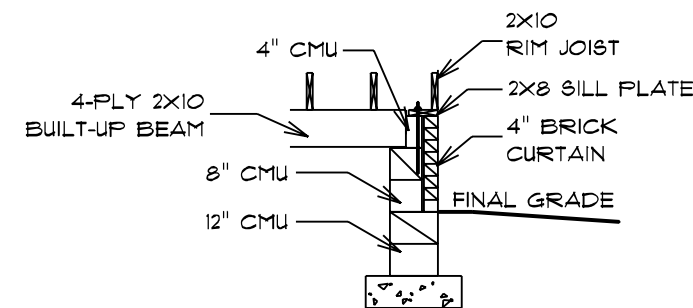


BEAM POCKET
DETAIL

NOTE:
ROOF UNDERLAYMENT TO BE OVERLAPPED
50% PLUS 1" ON ROOFS LESS THAN 4/12 PITCH



16x16x8 CMU PIER
ON 36"x 36"x 12" DP. POURED CONC.
PAD W/ FIBERGLASS REINFORCEMENT
(TYPICAL EA. PIER)



BEAM POCKET
DETAIL

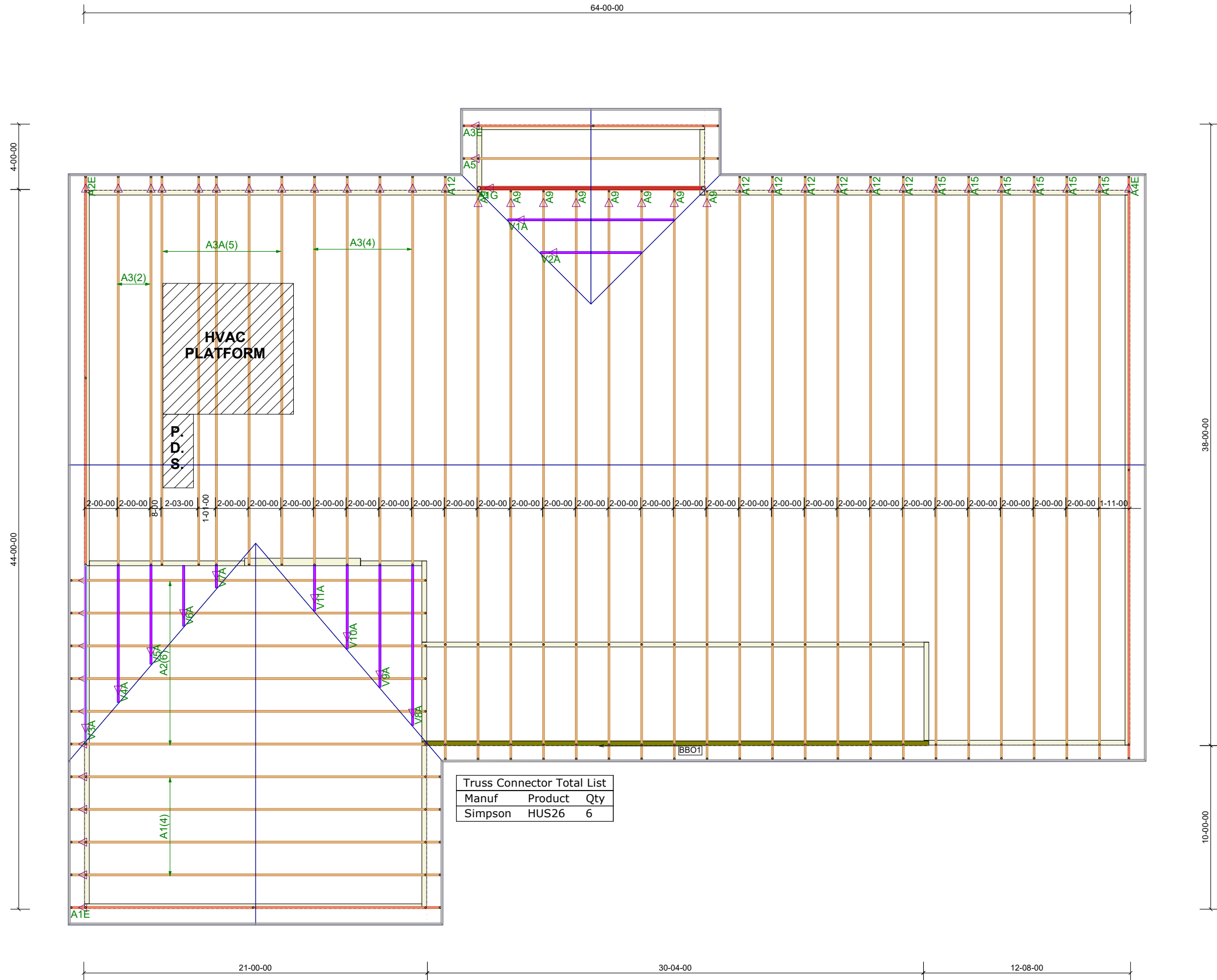
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DRAWN BY: DJK
DWS:

SQUARE FOOTAGES:
TOTAL: 1822
CRAWL: 1822
MAIN FLOOR: 1822
GARAGE: 458
PORCH: 182

CUSTOM BUILT FOR:
MELISSA AND CHRISTOPHER BRANN
JOB #: DU TOO 024 0336
LOCATION:
366 YORKSHIRE DR
CAMERON, NC 28336
HARNETT COUNTY

Raleigh/Durham, NC
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Benson, NC 27504
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84 Components
 200 Emmett Rd
 Dunn NC 28334
 United States
 Office: (910) 892-8400

Schumacher Homes
Brann Residence - Schumacher
Brann Residence - Schumacher ROOF
Job# - P03988-17010

Location 2304 Dunn
 Designer Peter Hancock

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

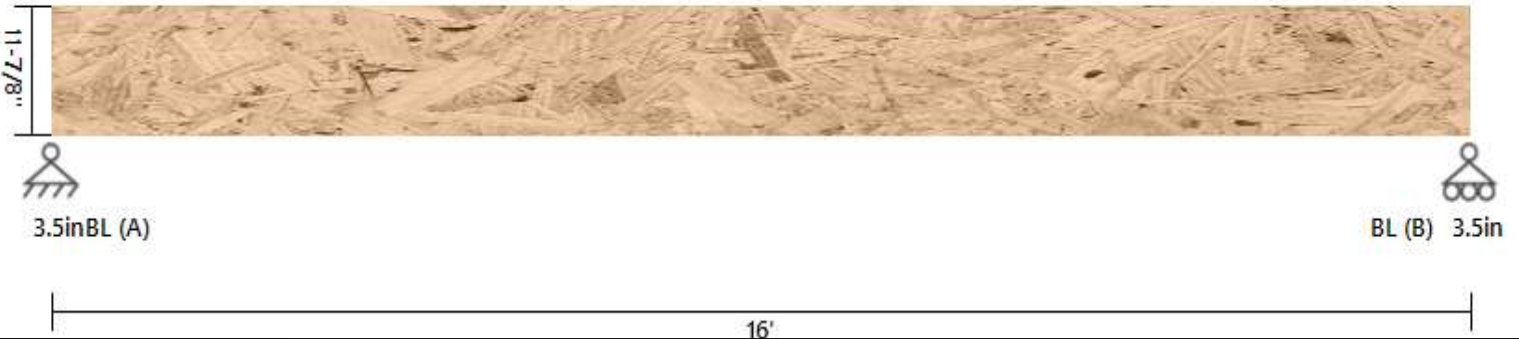
DESIGNED DATE

10/21/2024

PASS

DATE:	10/25/2024	COMPANY:	Schumacher Homes
STRUCALC BUILD:	StruCalc Plus	DESIGNED BY:	Dan Fishtorn
CUSTOMER:	Brann br398	REVIEWED BY:	--
PROJ. ADDRESS:	--	PROJECT NAME:	Brann br398
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 ²)	(in ⁴)	(in ⁴)	(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 ³	Emin (psi) x10 ³
Base Values	2900	1800	285	3200	750	2000	1000
Adjusted Values	2900	1800	285	3200	750	2000	1000
C _M	1	1	1	1	1	1	1
C _T	1	1	1	1	1	1	1
Bending Adjustment Factors	C _V = 1	C _r = 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	16	0	1.00	0.88	1.00	1.00

PASS-FAIL

	PASS/FAIL	MAGNITUDE	STRENGTH	LOCATION (ft)	LOAD COMBO	DURATION FACTOR CD
Shear Stress Y (psi)	PASS (86.0%)	39.8	285.0	0	D+L	1
Bending Stress Y (psi)	PASS (77.8%)	643.4	2903.4	8	D+L	1
Deflection Y (in)	PASS (74.0%)	0.208 (=L/923)	0.800 (=L/240)	8	D+L	1
Bearing Stress (psi)	PASS (88.0%)	90.0	750.0	0	D+L	1

REACTIONS

Y axis	DEAD	LIVE	TOTAL
A	527	576	1103
B	527	576	1103

Reaction Location



LOAD LIST

Type	Name	Left Magnitude	Right Magnitude	Load Start (ft)	Load End (ft)	Load Type	Direction
Uniform (lb/ft)	Uniform	72	72	0	16	Live	Y
Uniform (lb/ft)	Uniform	54	54	0	16	Dead	Y
Self Weight (lb/ft)	-	11.83	11.83	0	16	Dead	Y