

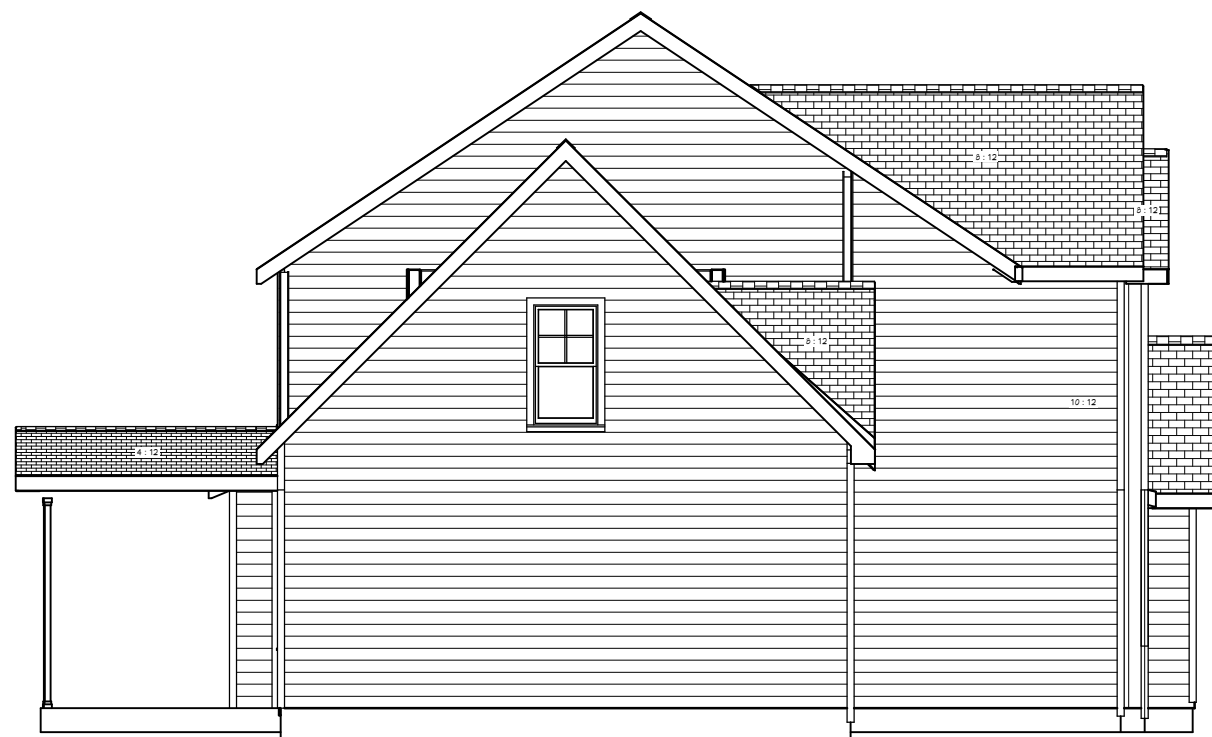
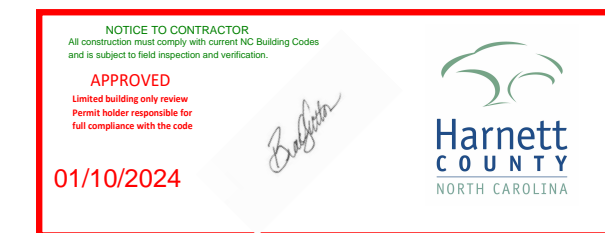


FRONT ELEVATION

Scale: 1/4" = 1'0"

9'0" CEILING HEIGHT FIRST FLOOR
(HEADER HEIGHT 7'6")
8'0" CEILING HEIGHT SECOND FLOOR
(Frame Headers to Top Plate)

FRAME WINDOWS TO HEADER HEIGHT



LEFT ELEVATION

Scale: 1/8" = 1'0"



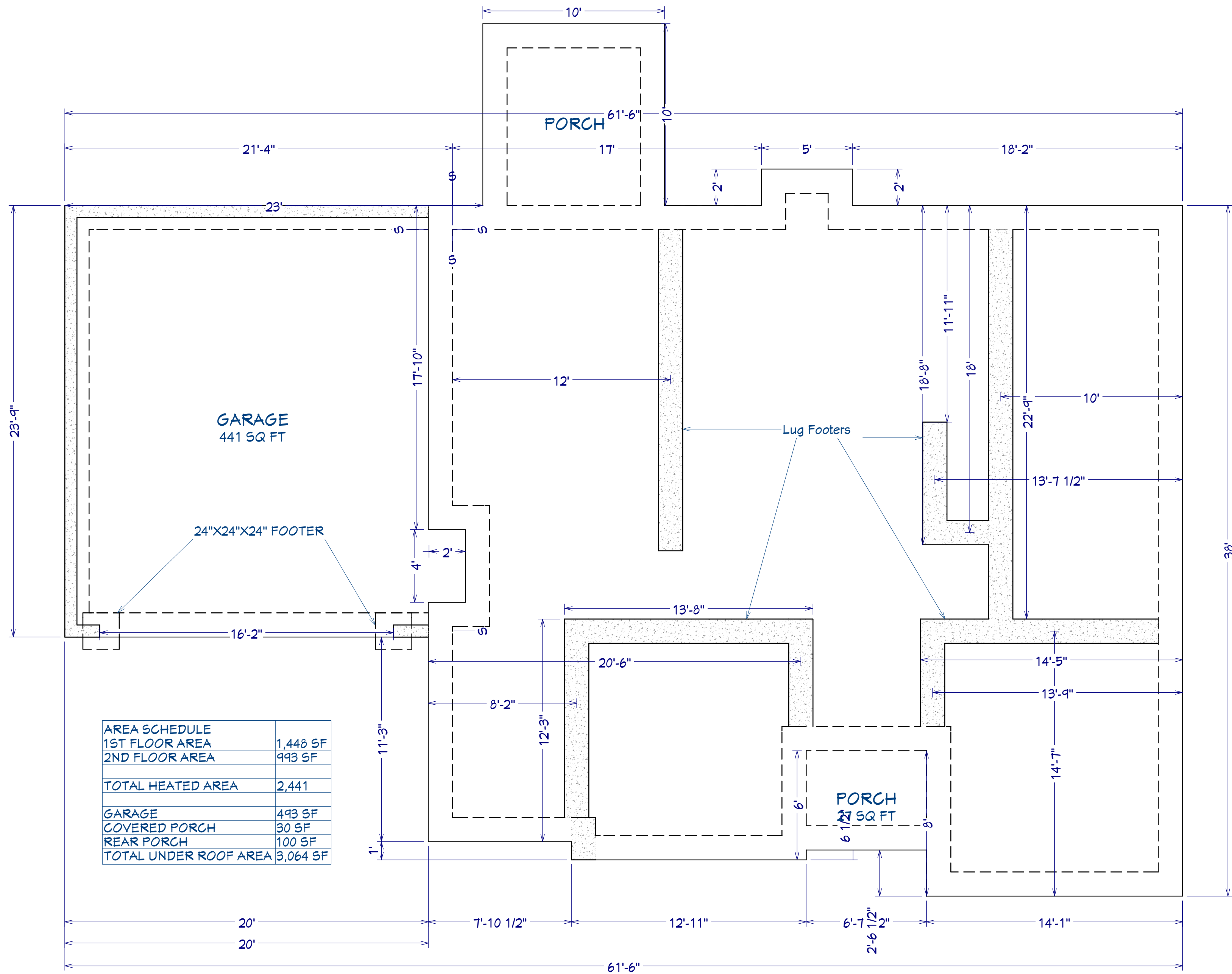
REAR ELEVATION

Scale: 1/8" = 1'0"



RIGHT ELEVATION

Scale: 1/8" = 1'0"



AREA SCHEDULE	
1ST FLOOR AREA	1,448 SF
2ND FLOOR AREA	993 SF
TOTAL HEATED AREA	2,441
GARAGE	493 SF
COVERED PORCH	30 SF
REAR PORCH	100 SF
TOTAL UNDER ROOF AREA	3,064 SF

FOUNDATION PLAN
Scale: 1/4" = 1'0"

SHEET TITLE:
FOUNDATION

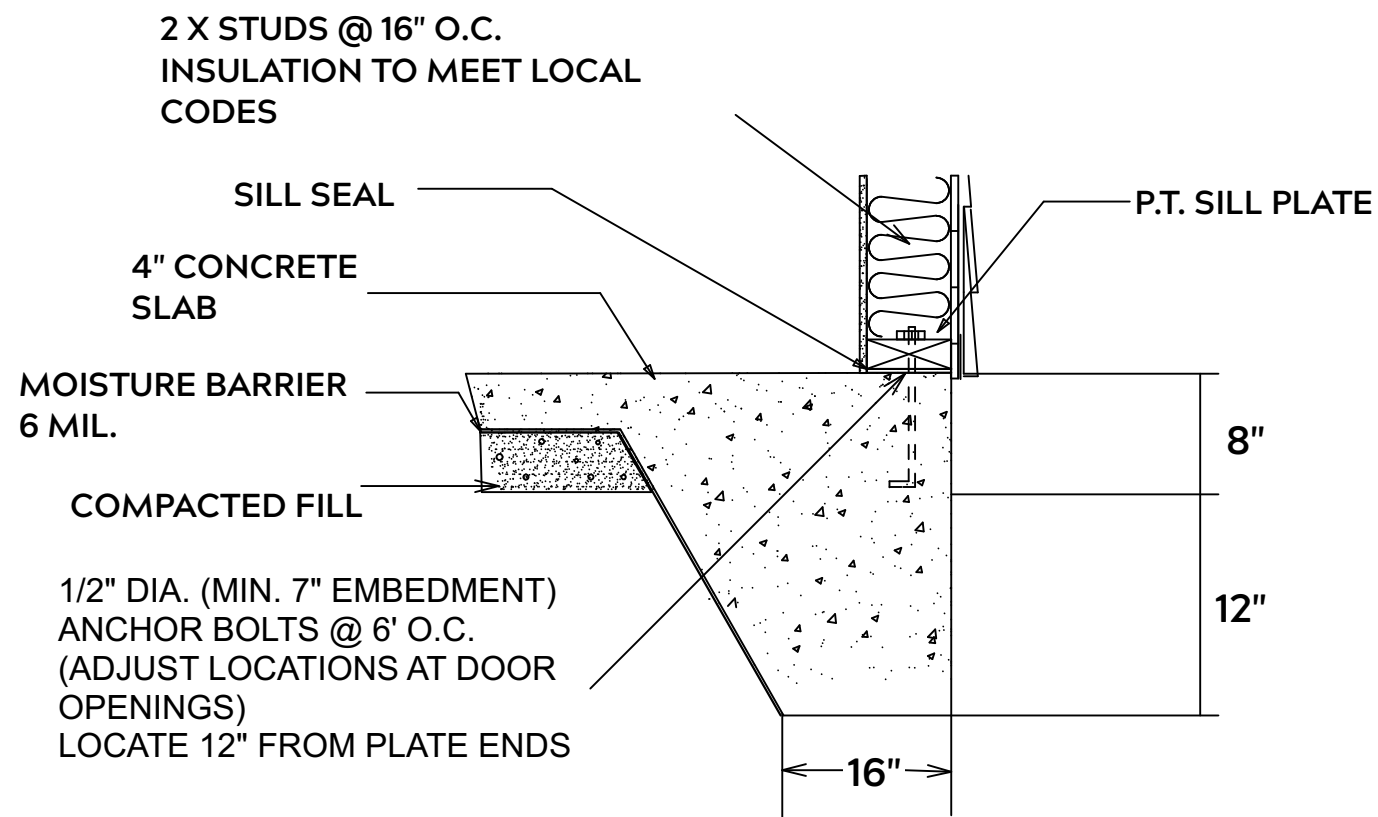
PROJECT ADDRESS:
15 Rush Ln.
Liberty Meadows Lot 65

DESIGNED BY:
Precision Custom Homes
Raeferd, NC
Shaun@PrecisionCustomHomesNC.com

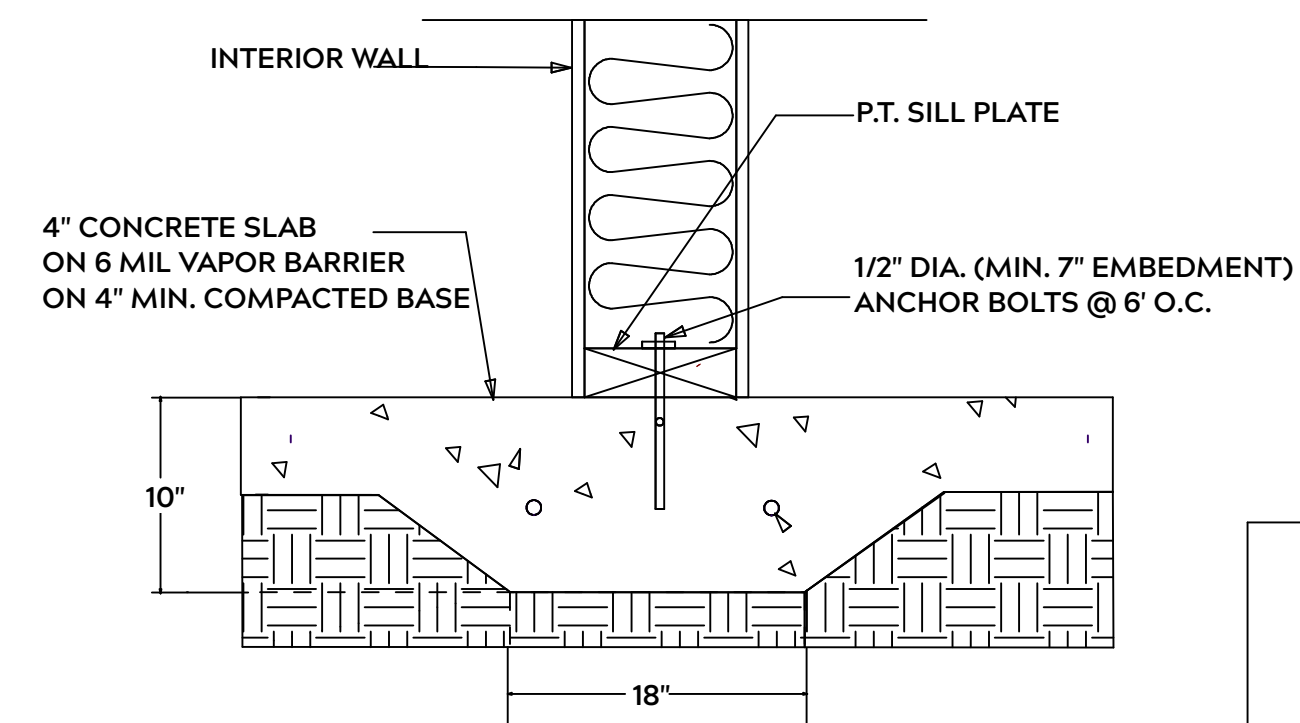
DATE:
12/21/23

SCALE:
1/4" = 1'

SHEET:
A-2



MONOLITHIC SLAB



LUG FOOTING

FOUNDATION NOTES:

ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL
 THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI

PROVIDE WATER PROOFING AND PERIMTER DRAINS AS REQUIRED

FOOTING WIDTHS ARE BASED ON A LOAD BEARING SOIL CAPACITY OF 2000 PSI

PROVIDE 6 MIL POLY VAPOR BARRIER TO COVER GROUND IN CRAWL SPACE AND GROUND UNDER POURED CONCRETE

ALL ANCHOR BOLTS TO BE 1/2" X 12" LONG. ANCHOR BOLTS SHALL BE SPACED AT A MAXIMUM OF 6' ON CENTER AND NO MORE THEN 1' FROM EACH CORNER

GENERAL FRAMING NOTES:

ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALLE BE PRESSURE TREATED

FRAMING LUMBER SHALL BE SYP #2 GRADE AND / OR SPRUCE PINE FIR #1 AND / OR KILN DRIED

WHERE PRE-ENGINEERED JOISTS AND TRUSSES ARE USED, MANUFACTURER SHALL PROVIDE DRAWINGS / SCHEMATICS, WHICH SHALL BEAR OF A N.C. ENGINEER

STUDS AND JOISTS SHALL NOT BE CUT TO INSTALL PLUMBING OR WIRING WITHOUT ADDING METAL OR WOOD SIDE PANELS TO STRENGTHEN MEMBER TO ITS ORIGINAL CAPACITY

NAIL MULTIPLE MEMBERS WITH 2 ROWS OF 16d NAILS STAGGERED 32" O.C. AND USE 3 X 16d NAILS 2" IN AT EACH END.

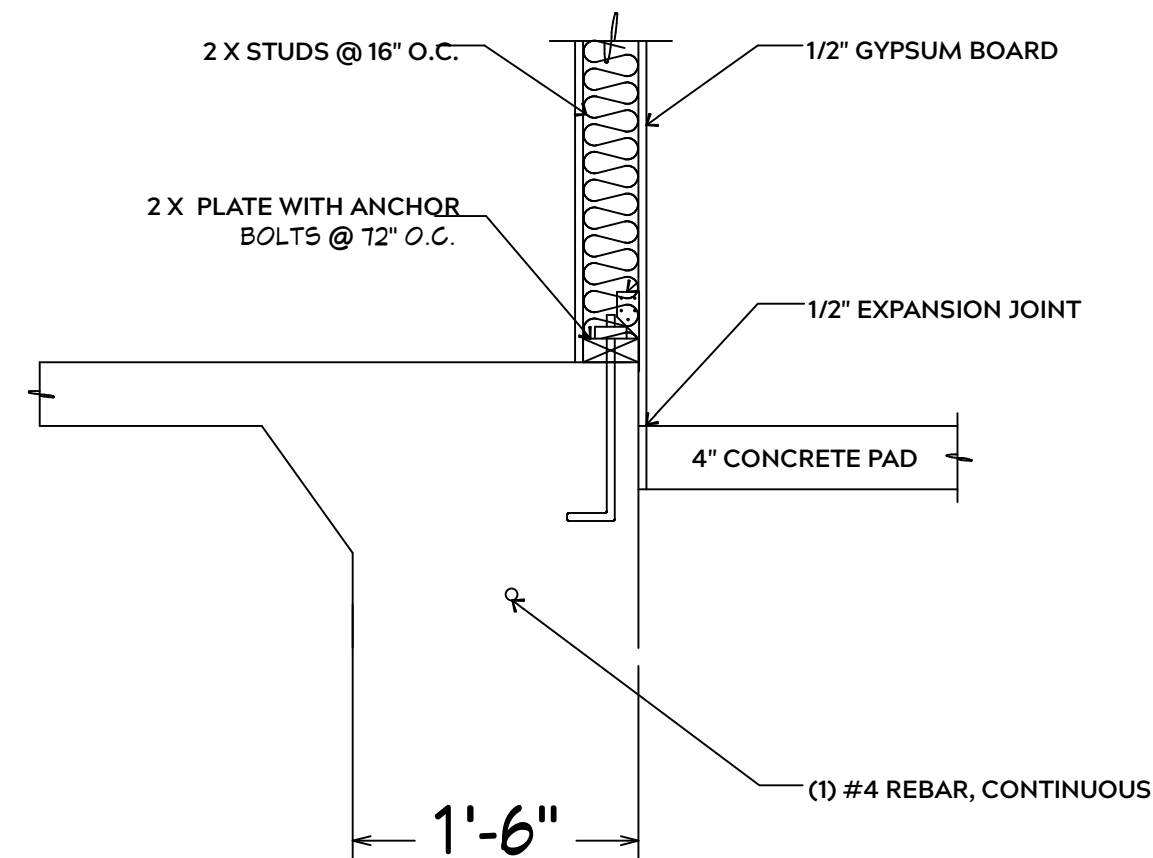
NAIL FLOOR JOISTS TO SILL PLATE WITH WITH 8d TOE NAILS

ALL EXPOSED FRAMING ON PORCHES OR DECKS SHALL BE PRESSURE TREATED

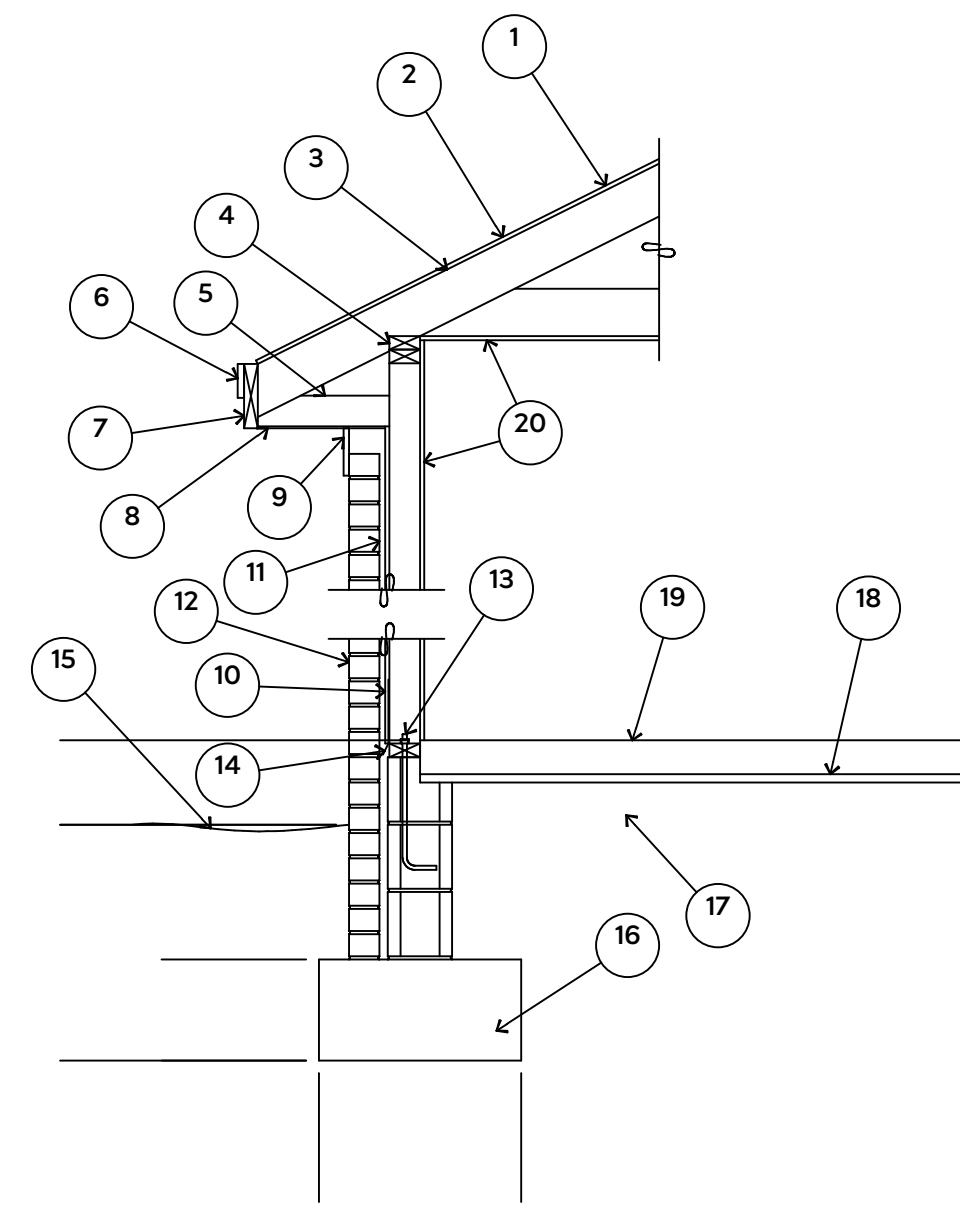
PROVIDE WATERPROOFING AND DRAINS AS REQUIRED

ALL FRAMING TO BE 16" O.C. WALL FRAMING DIMENSIONS ARE BASED ON 2X4 OR 2X6 EXTERIOR WALLS AND 2X4 INTERIOR WALLS. DOULBE / TRIPLE JACK STUDS AS NECESSARY UNDER HEADERS AS REQUIRED

LVL'S TO BE SIZED BY OTHERS (TRUSS MANUFACTURER)

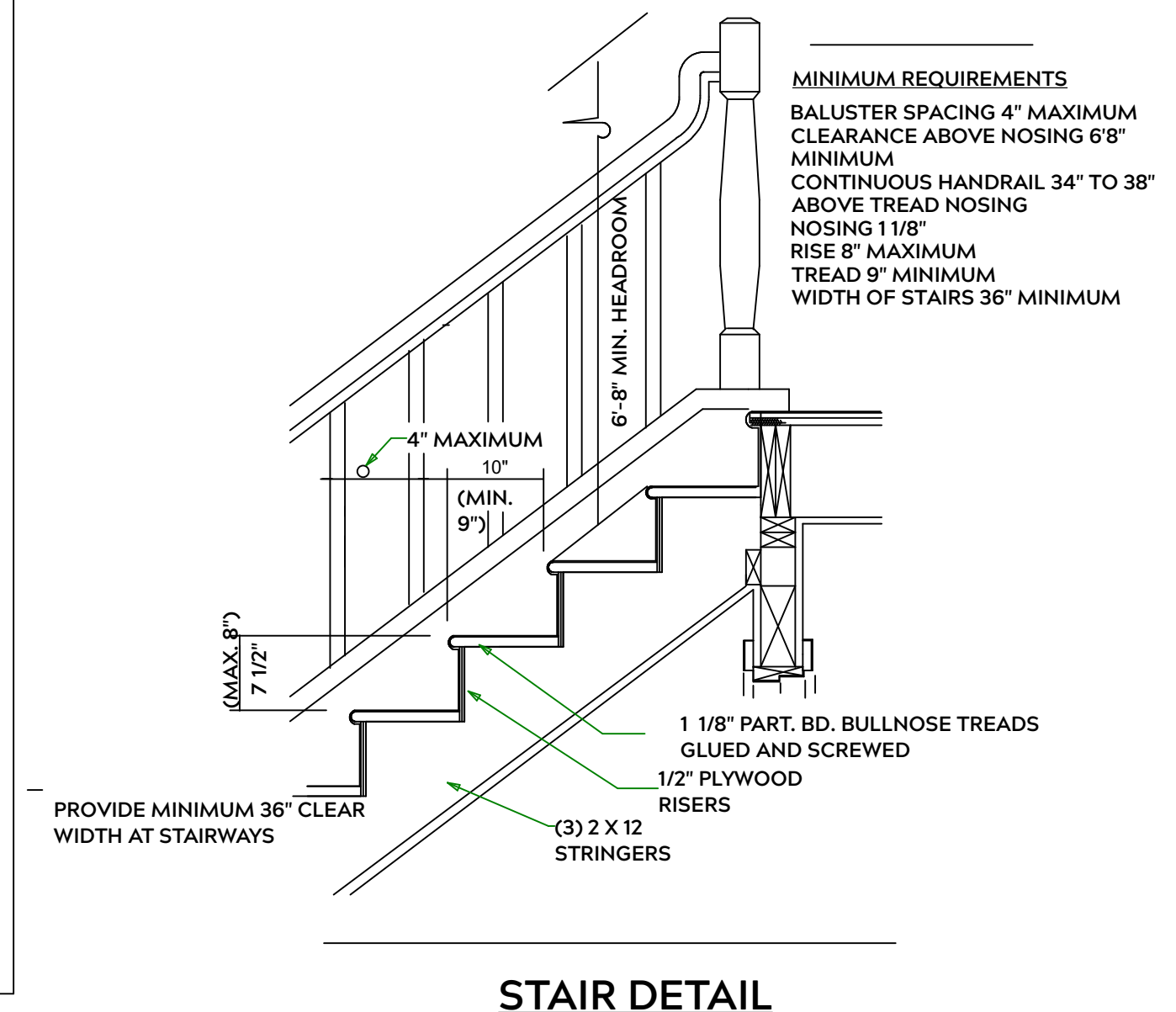


INTERIOR WALL @ GARAGE STEP DOWN



1. 15# FELT UNDERLAYMENT UNDER COMPOSITION SHINGLES.
2. ROOF DECKING.
3. 2 X RAFTERS / ENGINEERED TRUSSES
4. DOUBLE TOP PLATE.
5. 2 X 4 RETURN.
6. 3/4" FASCIA OR PVC TRIM COIL
7. 2 X FASCIA
8. 1/4" PLYWOOD OR VINYL SOFFIT
9. 1 X FREIZE BOARD (TO BE USED WITH BRICK VENEERS)
10. INSULATION BOARD OR HOUSE WRAP
11. AIR SPACE.
12. BRICK WITH BRICK TIES PER MANUFACTURER'S SPECIFICATIONS.
13. 1/2" X 12" ANCHOR BOLTS, 6'-0" O.C., 12" FROM CORNERS.
14. FLASHING WITH WEEP HOLES @ 48" O.C.
15. FINISHED GRADE.
16. FOOTING
17. COMPACTED EARTH FILL.
18. 6 MIL. VAPOR BARRIER
19. 4" CONCRETE SLAB, 3,000 P.S.I. WITH 6" X 6" 10 GA. X 10 GA. WELDED WIRE FABRIC.
20. 1/2" GYPSUM BOARD.

EXTERIOR WALL SECTION



STAIR DETAIL

PLAN:
 Ragnar
 W/ Porch

SHEET TITLE:
DETAIL SHEETS

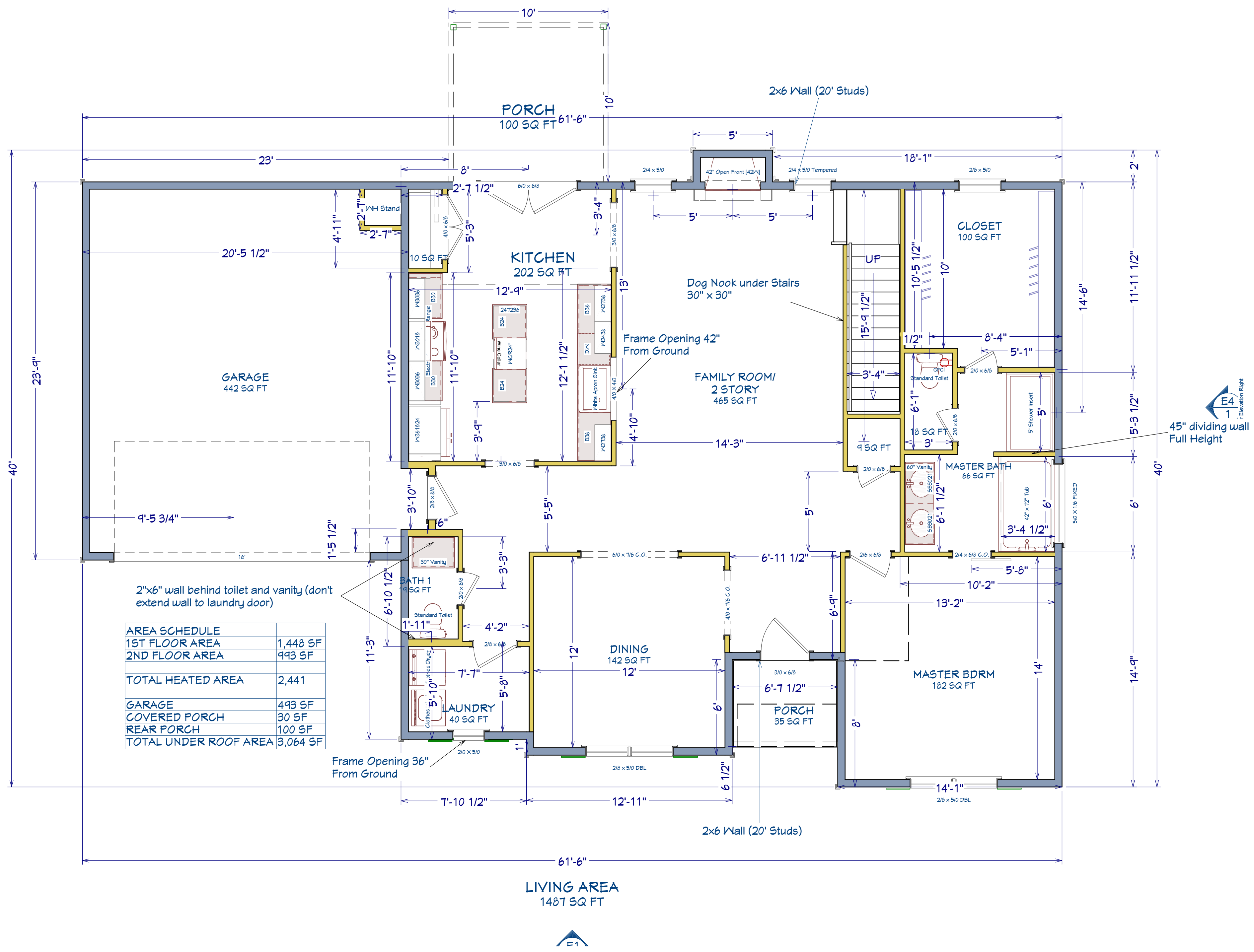
PROJECT ADDRESS:
 15 Rush Ln.
 Liberty Meadows Lot 65

DESIGNED BY:
 Precision Custom Homes
 Raeford, NC
 Shaun@PrecisionCustomHomesNC.com

DATE:
 12/21/23

SCALE:
 1/4" = 1'

SHEET:
A-3



AREA SCHEDULE	
1ST FLOOR AREA	1,448 SF
2ND FLOOR AREA	993 SF
TOTAL HEATED AREA	2,441
GARAGE	443 SF
COVERED PORCH	30 SF
REAR PORCH	100 SF
TOTAL UNDER ROOF AREA	3,064 SF

2"x6" wall behind toilet and vanity (don't extend wall to laundry door)

Frame Opening 36" From Ground

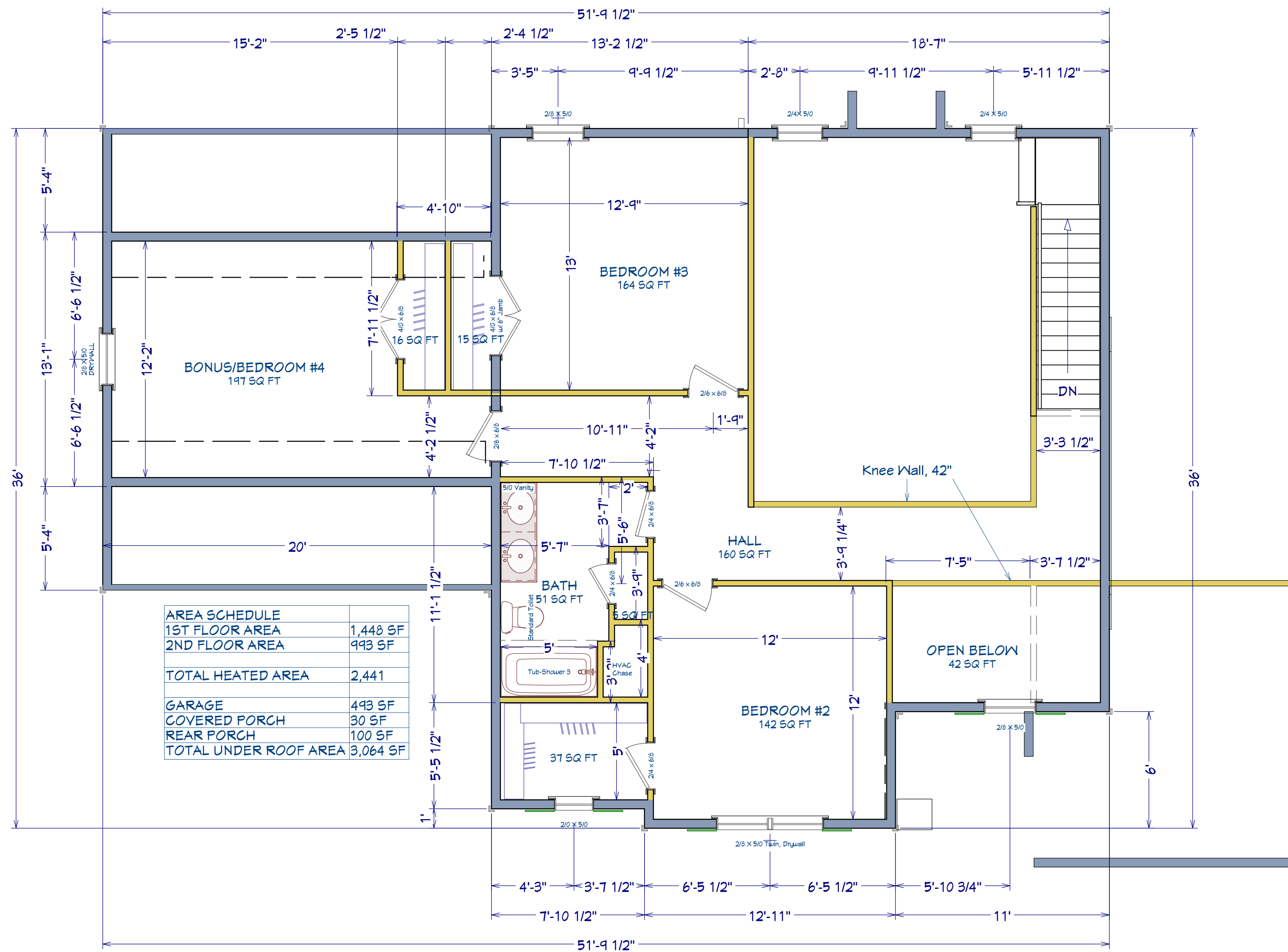
Dog Nook under Stairs
30" x 30"

Frame Opening 42" From Ground

45" dividing wall Full Height

LIVING AREA
1487 SQ FT





AREA SCHEDULE	
1ST FLOOR AREA	1,448 SF
2ND FLOOR AREA	993 SF
TOTAL HEATED AREA	2,441
GARAGE	493 SF
COVERED PORCH	30 SF
REAR PORCH	100 SF
TOTAL UNDER ROOF AREA	3,064 SF

LIVING AREA
933 SQ FT
E1
1
Exterior Elevation Front



ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park
Fayetteville, N.C. 28309
Phone: (910) 864-8787
Fax: (910) 864-4444

Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions greater than 3000# but not greater than 15000#. A registered design professional shall be retained to design the support system for any reaction that exceeds those specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.

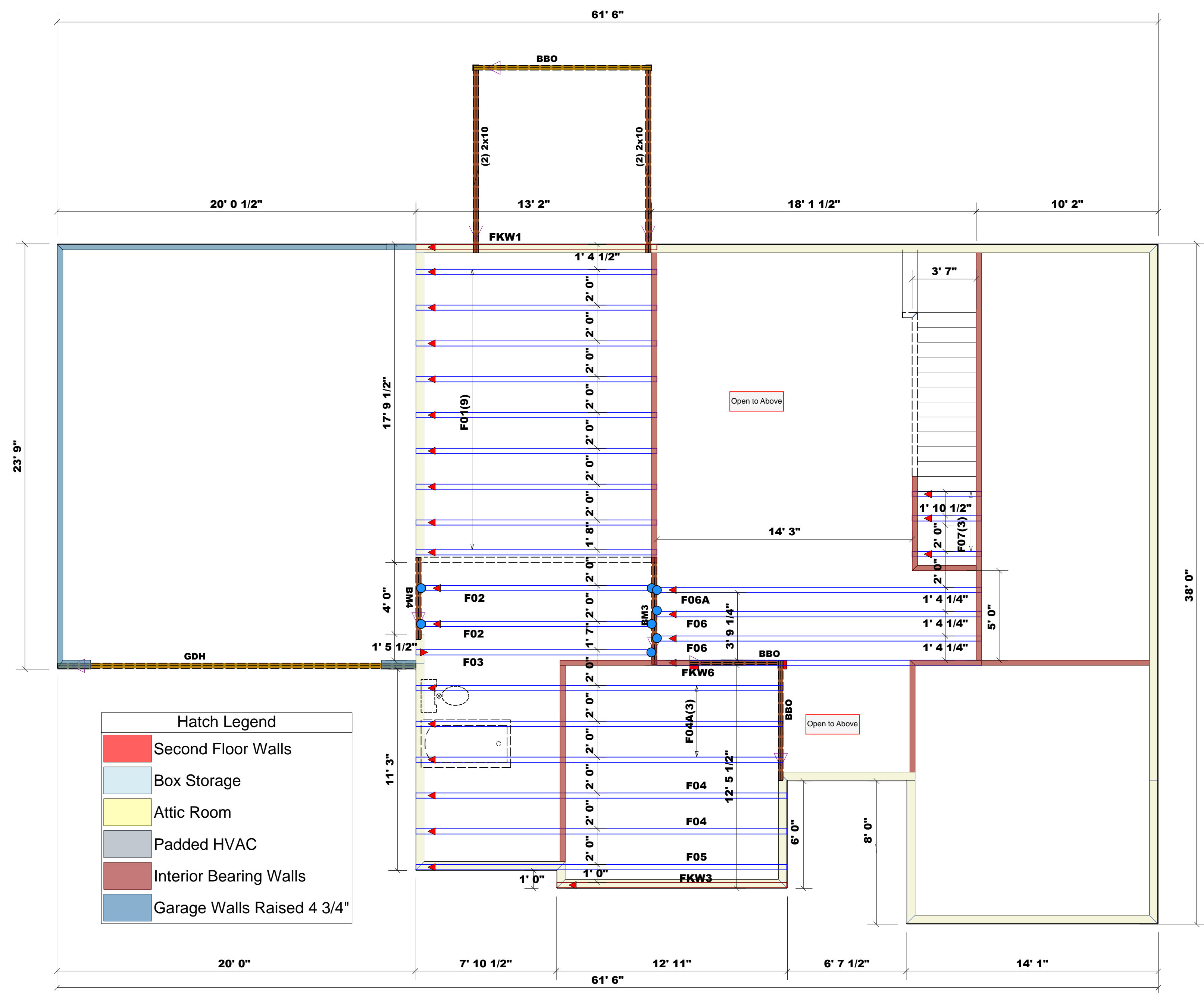
Signature
Hampton Horrocks

LOAD CHART FOR JACK STUDS

(BASED ON TABLES R502.5(1) & (b))

NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ. STUDS FOR (1) 1x4 HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1x4 HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1x4 HEADER
1700	1	2550	1	3400	1
3400	2	5100	2	6800	2
5100	3	7650	3	10200	3
6800	4	10200	4	13600	4
8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				



Hatch Legend

- Second Floor Walls
- Box Storage
- Attic Room
- Padded HVAC
- Interior Bearing Walls
- Garage Walls Raised 4 3/4"

Products

PlotID	Length	Product	Plies	Net Qty
BM3	6' 0"	1-3/4"x 14" LVL Kerto-S	2	2
BM4	5' 0"	1-3/4"x 14" LVL Kerto-S	2	2
GDH	20' 0"	1-3/4"x 18" LVL Kerto-S	2	2

Dimension Notes

- All exterior wall to wall dimensions are to face of sheathing unless noted otherwise
- All interior wall dimensions are to face of frame wall unless noted otherwise
- All exterior wall to truss dimensions are to face of frame wall unless noted otherwise

▲ = Indicates Left End of Truss (Reference Engineered Truss Drawing)
Do Not Erect Trusses Backwards

Connector Information				Nail Information		
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
●	HUS410	USP	8	Varies	16d/3-1/2"	16d/3-1/2"

Truss Placement Plan
SCALE: 1/4" = 1'

BUILDER	COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Precision Custom Homes	Harnett	Lot 65 Liberty Meadow	Floor	12/27/23	Hampton Horrocks	Neil Baggett
		Lot 65 Liberty Meadow	Ragnar	08/11/23	Quote #	J01123-6513

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbciindustry.com



ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park
Fayetteville, N.C. 28309
Phone: (910) 864-8787
Fax: (910) 864-4444

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Signature
Hampton Horrocks

LOAD CHART FOR JACK STUDS

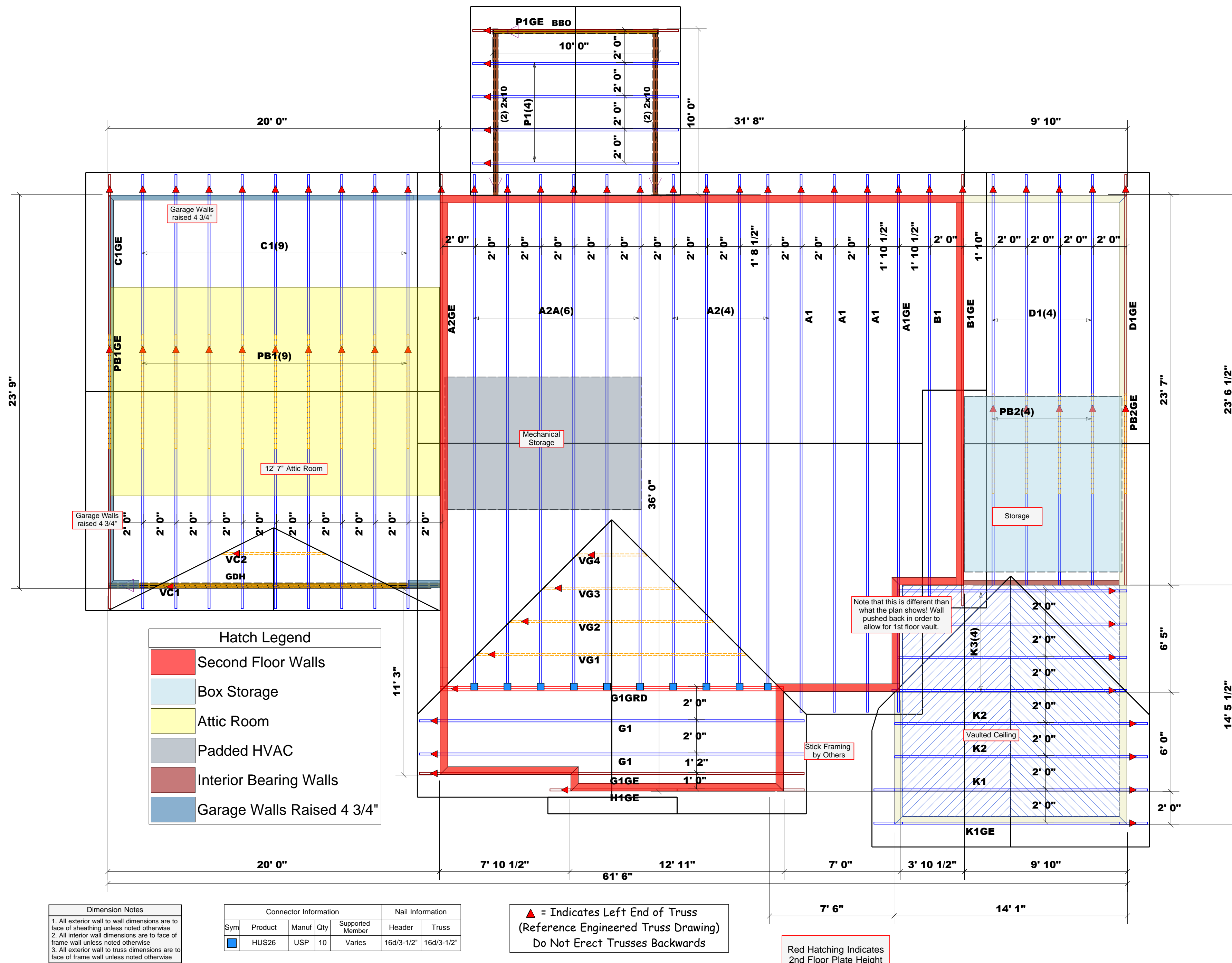
(BASED ON TABLES R502.5(1) & (b))
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ. STUDS FOR (1) 1/2" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1/2" HEADER	END REACTION (UP TO)	REQ. STUDS FOR (1) 1/2" HEADER
1700	1	2550	1	3400	1
3400	2	5100	2	6800	2
5100	3	7650	3	10200	3
6800	4	10200	4	13600	4
8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				

COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	Lot 65 Liberty Meadow	Roof	12/27/23	Hampton Horrocks	Neil Baggott

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes	Lot 65 Liberty Meadow	Ragnar	08/11/23		J1123-6512

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.
These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbciniindustry.com



Dimension Notes

- All exterior wall to wall dimensions are to face of sheathing unless noted otherwise
- All interior wall dimensions are to face of frame wall unless noted otherwise
- All exterior wall to truss dimensions are to face of frame wall unless noted otherwise

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
■	HUS26	USP	10	Varies	16d/3-1/2"	16d/3-1/2"

▲ = Indicates Left End of Truss
(Reference Engineered Truss Drawing)
Do Not Erect Trusses Backwards

Red Hatching Indicates
2nd Floor Plate Height

Truss Placement Plan
SCALE: 1/4" = 1'

North Carolina 2018 - R402.1.5 Total UA

**Property**

Cameron, NC 28326
Model: Ragnar
Community: Liberty Meadows

Organization

Southern Energy Manager
Justin Smith

Inspection Status

Results are projected

Template - SMG Precision - Liberty
Meadows lot 12 - CZ 3 slab -
Liberty Meadows lot 12

Builder

SMG Precision Properties

This report is based on a proposed design and does not confirm field enforcement of design elements.

Building UA

Elements	NC Reference	As Designed
Ceilings	51.5	48.9
Above-Grade Walls	209.1	155.3
Windows, Doors and Skylights	100.0	89.4
Slab Floor:	84.7	110.5
Framed Floors	12.6	13.7
Foundation Walls	0.0	0.0
Rim Joists	6.8	5.5
Overall UA (Design must be equal or lower):	464.7	423.3

Requirements

✓	402.1.5	Total UA alternative compliance passes by 8.9%.
✓	402.3.2	Average SHGC: 0.28 Max SHGC: 0.30
✓	R402.4.2.2	Air Leakage Testing Air sealing is 4.80 ACH at 50 Pa. It must not exceed 5.00 ACH at 50 Pa.
✓	R402.5	Area-weighted average fenestration SHGC
✓	R402.5	Area-weighted average fenestration U-Factor
✓	R404.1	Lighting Equipment Efficiency
✓	Mandatory Checklist	Mandatory code requirements that are not checked by Ekotrope must be met.
✓	R403.3.1	Duct Insulation
✓	403.3.3	Duct Testing

Design exceeds requirements for North Carolina 2018 Prescriptive compliance by 8.9%.

Name: Justin Smith
Organization: Southern Energy Management

Signature: *Justin Smith*
Digitally signed: 8/9/22 at 11:16 AM

Ekotrope RATER - Version 4.0.1.2966

North Carolina 2018 Prescriptive compliance results calculated using Ekotrope RATER's energy and code compliance algorithm, including appropriate amendments.
Ekotrope RATER is a RESNET Accredited HERS Rating Tool. All results are based on data entered by Ekotrope users.
Ekotrope disclaims all liability for the information shown on this report.

Building Summary



Property
 Cameron, NC 28326
 Model: Ragnar
 Community: Liberty Meadows

Organization
 Southern Energy Management
 Justin Smith

Inspection Status
 Results are projected

Template - SMG Precision - Liberty Meadows lot 12
 - CZ 3 slab - ecoSelect
 Liberty Meadows lot 12

Builder
 SMG Precision Properties

General Building Information

Number Of Bedrooms	4
Number Of Floors	2
Conditioned Floor Area [sq. ft.]	2,441
Has Electric Vehicle Ready Space	No
Unconditioned, attached garage?	Yes
Conditioned Volume [cu. ft.]	24,363
Total Units in Building	1
Residence Type	Single family detached
Number of Floors in Building	-
Floor Number	-
Model	Ragnar
Community	Liberty Meadows
RESNET/IECC 2006 Climate Zone	4A
IECC 2021 Climate Zone	3A

Foundation Wall

None Present

Foundation Wall Library List

None Present

Slab

Name	Library Type	Perimeter	Floor Grade	Carpet R	Exposed Masonry Area	Surface Area	Location	Enclosing
slab	Uninsulated	175	On Grade	1	0	1,448.0 ft²	Exposed Exterior	Conditioned Space

Slab Library List

Name	Wall Construction Type	Slab Completely Insulated?	Underslab Insulation Width [ft]	Perimeter Insulation Depth [ft]	Perimeter Insulation R Value	Thermal Break	Effective R-value
Uninsulated	Wood Frame / Other	No	0	0	0	No	0.00

Building Summary



Property
Cameron, NC 28326
Model: Ragnar
Community: Liberty Meadows

Organization
Southern Energy Management
Justin Smith

Inspection Status
Results are projected

Template - SMG Precision - Liberty Meadows lot 12
- CZ 3 slab - ecoSelect
Liberty Meadows lot 12

Builder
SMG Precision Properties

Framed Floor

Name	Library Type	Carpet R	Floor Grade	Surface Area	Location
over garage	R 19, 16"OC G1 Carpet	0	Above Grade	268.0 ft ²	Unconditioned, attached garage

Framed Floor Library List

Name	Effective R-value
R 19, 16"OC G1 Carpet	19.566

Rim Joist

Name	Library Type	Surface Area	Location
1st floor ambient	R 19 G1, 16"OC	102.0 ft ²	Exposed Exterior
1st floor garage	R 19 G1, 16"OC	20.0 ft ²	Unconditioned, attached garage

Rim Joist Library List

Name	Effective Insulation R-value
R 19 G1, 16"OC	17.30

Wall

Name	Library Type	Surface Color	Surface Area	Location
1st floor ambient	R 19 Adv. Framing G1 16" O.C	Medium	1,359.0 ft ²	Exposed Exterior
1st floor garage	R 19 Adv. Framing G1 16" O.C	Medium	243.0 ft ²	Unconditioned, attached garage
2nd floor ambient	R 19 Adv. Framing G1 16" O.C	Medium	816.0 ft ²	Exposed Exterior
2nd floor attic	R 19 Adv. Framing G1 16" O.C	Medium	584.0 ft ²	Attic

Building Summary



Property
 Cameron, NC 28326
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 Southern Energy Management
 Justin Smith

Inspection Status
 Results are projected

Template - SMG Precision - Liberty Meadows lot 12
 - CZ 3 slab - ecoSelect
 Liberty Meadows lot 12

Builder
 SMG Precision Properties

Wall Library List

Name	Effective R-value
R 19 Adv. Framing G1 16" O.C	17.492

Glazing

Name	Library Type	Wall Assignment	Foundation Wall Assignment	Is Operable	Overhang Depth	Overhang Ft To Top	Overhang Ft To Bottom	Orientation	Surface Area
front 2nd unshaded	33/28	2nd floor ambient		Yes	0	0	0	East	50.1 ft ²
front unshaded	33/28	1st floor ambient		Yes	0	0	0	East	63.4 ft ²
left unshaded	33/28	1st floor ambient		Yes	0	0	0	South	7.5 ft ²
rear 2nd unshaded	33/28	2nd floor ambient		Yes	0	0	0	West	36.7 ft ²
rear unshaded	33/28	1st floor ambient		Yes	0	0	0	West	76.7 ft ²
right 2nd unshaded	33/28	2nd floor ambient		Yes	0	0	0	North	13.4 ft ²

Glazing Library List

Name	Shgc	U-factor
33/28	0.28	0.330

Skylight

None Present

Skylight Library List

None Present

Building Summary



Property
Cameron, NC 28326
Model: Ragnar
Community: Liberty Meadows

Organization
Southern Energy Management
Justin Smith

Inspection Status
Results are projected

Template - SMG Precision - Liberty Meadows lot 12
- CZ 3 slab - ecoSelect
Liberty Meadows lot 12

Builder
SMG Precision Properties

Opaque Door

Name	Library Type	Wall Assignment	Foundation Wall Assignment	Emittance	Solar Absorptance	Surface Color	Surface Area	Location
front entry	Fiberglass R-5	1st floor ambient		0.9	0.75	Medium	20.0 ft ²	Exposed Exterior
garage entry	Fiberglass R-5	1st floor garage		0.9	0.75	Medium	18.0 ft ²	Unconditioned, attached garage

Opaque Door Library List

Name	Effective U-factor
Fiberglass R-5	0.200

Roof Insulation

Name	Library Type	Attic Exterior Area [ft ²]	Clay or Concrete Roof Tiles	Surface Color	Surface Area	Location
attic	R 38 Attic BLOWN FG G1 2x10 24"OC NO Radiant Barrier	2,522.52	No	Dark	1,716.0 ft ²	Attic

Roof Insulation Library List

Name	Has Radiant Barrier	Effective R-value
R 38 Attic BLOWN FG G1 2x10 24"OC NO Radiant Barrier	No	35.115

Whole House Infiltration

Infiltration	Measurement Type	Shelter Class
1949 CFM at 50 Pa	Blower-door tested	4

Mechanical Ventilation

None Present

Building Summary



Property
Cameron, NC 28326
Model: Ragnar
Community: Liberty Meadows

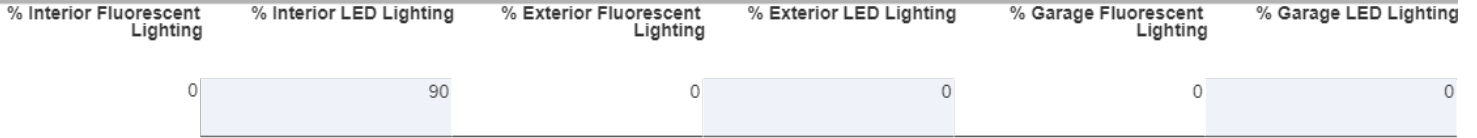
Organization
Southern Energy Management
Justin Smith

Inspection Status
Results are projected

Template - SMG Precision - Liberty Meadows lot 12
- CZ 3 slab - ecoSelect
Liberty Meadows lot 12

Builder
SMG Precision Properties

Lighting



Onsite Generation

None Present

Onsite Generation Library List

None Present

Solar Generation

None Present

Dehumidifier

None Present

Dehumidifier Library List

None Present

Whole House Fan

None Present

Building Summary



Property
 Cameron, NC 28326
 Model: Ragnar
 Community: Liberty Meadows

Organization
 Southern Energy Management
 Justin Smith

Inspection Status
 Results are projected

Template - SMG Precision - Liberty Meadows lot 12
 - CZ 3 slab - ecoSelect
 Liberty Meadows lot 12

Builder
 SMG Precision Properties

Whole House Fan Library List

None Present

Conditioning Equipment

Name	Library Type	Serial Number	Heating Percent Load	Cooling Percent Load	Hot Water Percent Load	Location
1st floor heat pump	z 24k 14 SEER 8.2hspf		59%	59%	0%	Attic
2nd floor heat pump	z 24k 14 SEER 8.2hspf		41%	41%	0%	Attic
Water Heating	z 50 gal. 0.95 EF Elec		0%	0%	100%	Unconditioned Garage

Equipment Type: z 24k 14 SEER 8.2hspf

Equipment Type	Air Source Heat Pump
Fuel Type	Electric
Distribution Type	Forced Air
Motor Type	PSC (Single Speed)
Heating Efficiency	8.2 HSPF
Heating Capacity [kBtu/h]	24
Backup Fuel Type	Electric
Switchover Temperature [°F]	0
Backup Heating Efficiency	1 COP
Use default Supplemental Heat	Yes
Cooling Efficiency	14 SEER
Cooling Capacity [kBtu/h]	24

Equipment Type: z 50 gal. 0.95 EF Elec

Equipment Type	Residential Water Heater
Fuel Type	Electric
Distribution Type	Hydronic Delivery (Radiant)
Hot Water Efficiency	0.95 Energy Factor
Tank Capacity (gal.)	50
Hot Water Capacity [kBtu/h]	40
Recovery Efficiency	0.98

Building Summary

Property
 Cameron, NC 28326
 Model: Ragnar
 Community: Liberty Meadows

Organization
 Southern Energy Management
 Justin Smith

Inspection Status
 Results are projected



Template - SMG Precision - Liberty Meadows lot 12
 - CZ 3 slab - ecoSelect
 Liberty Meadows lot 12

Builder
 SMG Precision Properties

Distribution System

Distribution Type	Forced Air
Heating Equipment	1st floor heat pump
Cooling Equipment	1st floor heat pump
Sq. Feet Served	1,448
# Return Grilles	2
Supply Duct R Value	8
Return Duct R Value	8
Supply Duct Area [ft²]	390.96
Return Duct Area [ft²]	144.8
Leakage to Outdoors	57 CFM @ 25Pa (3.94 / 100 ft²)
Total Leakage	57 CFM25
Total Leakage Duct Test Conditions	Post-Construction
Use Default Flow Rate	Yes
Duct 1	
Duct Location	Attic (well vented)
Percent Supply Area	70
Percent Return Area	70
Duct 2	
Duct Location	Conditioned Space
Percent Supply Area	30
Percent Return Area	30
Duct 3	
Duct Location	Conditioned Space
Percent Supply Area	0
Percent Return Area	0
Duct 4	
Duct Location	Conditioned Space
Percent Supply Area	0
Percent Return Area	0
Duct 5	
Duct Location	Conditioned Space
Percent Supply Area	0
Percent Return Area	0
Duct 6	
Duct Location	Conditioned Space
Percent Supply Area	0
Percent Return Area	0

Building Summary



Property
 Cameron, NC 28326
 Model: Ragnar
 Community: Liberty Meadows

Organization
 Southern Energy Management
 Justin Smith

Inspection Status
 Results are projected

Template - SMG Precision - Liberty Meadows lot 12
 - CZ 3 slab - ecoSelect
 Liberty Meadows lot 12

Builder
 SMG Precision Properties

Distribution System

Distribution Type	Forced Air
Heating Equipment	2nd floor heat pump
Cooling Equipment	2nd floor heat pump
Sq. Feet Served	993
# Return Grilles	2
Supply Duct R Value	8
Return Duct R Value	8
Supply Duct Area [ft ²]	268.11
Return Duct Area [ft ²]	99.3
Leakage to Outdoors	39 CFM @ 25Pa (3.93 / 100 ft ²)
Total Leakage	39 CFM25
Total Leakage Duct Test Conditions	Post-Construction
Use Default Flow Rate	Yes
Duct 1	
Duct Location	Attic (well vented)
Percent Supply Area	100
Percent Return Area	100
Duct 2	
Duct Location	Conditioned Space
Percent Supply Area	0
Percent Return Area	0
Duct 3	
Duct Location	Conditioned Space
Percent Supply Area	0
Percent Return Area	0
Duct 4	
Duct Location	Conditioned Space
Percent Supply Area	0
Percent Return Area	0
Duct 5	
Duct Location	Conditioned Space
Percent Supply Area	0
Percent Return Area	0
Duct 6	
Duct Location	Conditioned Space
Percent Supply Area	0
Percent Return Area	0

HVAC Grading

HVAC Grading Not Conducted

Ceiling Fan

Has Ceiling Fan	No
Cfm Per Watt	100

Building Summary



Property
Cameron, NC 28326
Model: Ragnar
Community: Liberty Meadows

Organization
Southern Energy Management
Justin Smith

Inspection Status
Results are projected

Template - SMG Precision - Liberty Meadows lot 12
- CZ 3 slab - ecoSelect
Liberty Meadows lot 12

Builder
SMG Precision Properties

Water Distribution

Water Fixture Type	Low-flow
Use Default Hot Water Pipe Length	No
Hot Water Pipe Length [ft]	89
At Least R3 Pipe Insulation?	No
Hot Water Recirculation System?	No
Recirculation System Pipe Loop Length [ft]	20
Drain Water Heat Recovery?	No

Clothes Dryer

Cef	3.01
Fuel Type	Electric
Field Utilization	Timer Controls
Is Outside Conditioned Space	No
Clothes Dryer Available	Yes
Defaults Type	HERS Reference

Clothes Washer

Label Energy Rating	153 kWh/Year
Annual Gas Cost	\$12.00
Electric Rate	\$0.11/kWh
Gas Rate	\$1.22/Therm
Capacity	3.31
Imef	2.1547
Defaults Type	Custom
Load Type	Front-load
Loads Per Week	6
Is Outside Conditioned Space	No
Clothes Washer Available	Yes

Dishwasher

Dishwasher Efficiency	270 kWh
Dishwasher Size	Standard
Annual Gas Cost	\$22.23
Electric Rate	\$0.12/kWh
Gas Rate	\$1.09/Therm
Is Outside Conditioned Space	No

Building Summary



Property
Cameron, NC 28326
Model: Ragnar
Community: Liberty Meadows

Organization
Southern Energy Management
Justin Smith

Inspection Status
Results are projected

Template - SMG Precision - Liberty Meadows lot 12
- CZ 3 slab - ecoSelect
Liberty Meadows lot 12

Builder
SMG Precision Properties

Appliances and Controls

Thermostat Cooling Setpoint	*** 75.0
Thermostat Heating Setpoint	*** 70.0
Range/Oven Fuel	Electric
Convection Oven?	No
Induction Range?	No
Range/Oven Outside Conditioned Space?	No
Refrigerator Consumption	538 kWh/Year
Refrigerator Outside Conditioned Space?	No

Notes

Initial Inputs _____ MS 07/01/22 _____

- confirm HVAC specs
- confirm water heater specs
- confirm ventilation entry, modeled as air cycler
- modeled to worst case orientation
- confirm cfl lighting %

Reaction Summary of Order



REQ. QUOTE DATE	/ /	ORDER #	J1123-6512
ORDER DATE	11/17/23	QUOTE #	
DELIVERY DATE	/ /	CUSTOMER ACCT #	0000007216
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Shaun Garderner	INVOICE #	
COUNTY	Harnett	TERMS	
SUPERINTENDANT	Shaun Garderner	SALES REP	Neil Baggett
JOBSITE PHONE #	(910) 988-8172	SALES AREA	Hampton Horrocks

SOLD TO	Precision Custom Homes 206 Shoreline Drive Raeford, NC 28376 (910) 988-8172	JOB NAME: Lot 65 Liberty Meadow MODEL: Roof TAG: Ragnar 2.0 DELIVERY INSTRUCTIONS: 60 miles round trip	LOT # 65 SUBDIV: Liberty Meadow JOB CATEGORY: B & S - Build and Ship
	Precision Custom Homes and Lot 65 Liberty Meadow Cameron, NC	SPECIAL INSTRUCTIONS: <p style="text-align: right;">PLAN SEAL DATE:</p> <p style="text-align: right;">BY DATE</p>	

BUILDING DEPARTMENT	OVERHANG INFO	HEEL HEIGHT	00-06-08	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /
Roof Order	END CUT RETURN	GABLE STUDS	24 IN. OC	JOBSITE	1	LAYOUT	/ /
				JOBSITE	1	CUTTING	HH 12/27/23

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	
	3	8.00	0.00	COMMON A1	29-11-00 29-11-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 8 1409.1 lbs. 1409.1 lbs. -80.3 lbs. -80.3 lbs.
	1	8.00	0.00	GABLE A1GE	29-11-00 29-11-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 14 Joint 16 Joint 17 Joint 18 1149.3 lbs. 479.1 lbs. 279.5 lbs. 57.7 lbs. 1067.3 lbs. -234.6 lbs. -33.1 lbs. -127.5 lbs. -378.1 lbs. -168.1 lbs.
	4	8.00	0.00	COMMON A2	29-07-08 29-07-08	2 X 6	2 X 6	01-03-00		Joint 2 Joint 8 1401.1 lbs. 1329.4 lbs. -80.4 lbs. -60.9 lbs.
	6	8.00	0.00	COMMON A2A	29-07-08 29-07-08	2 X 6	2 X 6	01-03-00		Joint 2 Joint 8 1390.9 lbs. 1319.0 lbs. -80.4 lbs. -60.9 lbs.
	1	8.00	0.00	GABLE A2GE	29-07-08 29-07-08	2 X 6	2 X 6	01-03-00		Joint 2 Joint 18 Joint 19 Joint 20 Joint 21 225.0 lbs. 147.7 lbs. 251.0 lbs. 156.5 lbs. 180.1 lbs. -61.8 lbs. -10.1 lbs. -145.0 lbs. -77.4 lbs. -88.0 lbs.
	1	8.00	0.00	COMMON B1	23-06-00 23-06-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 6 1015.0 lbs. 1015.0 lbs. -66.8 lbs. -66.8 lbs.
	1	8.00	0.00	GABLE B1GE	23-06-00 23-06-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 Joint 14 Joint 16 Joint 17 Joint 18 181.9 lbs. 164.4 lbs. 155.1 lbs. 181.2 lbs. 175.3 lbs. -62.2 lbs. -14.9 lbs. -76.7 lbs. -90.6 lbs. -86.0 lbs.
	9	12.00	0.00	GIRDER C1	23-08-00 23-08-00	2 X 6	2 X 10	01-03-00	01-03-00	Joint 12 Joint 16 1605.3 lbs. 1605.3 lbs. 193.2 lbs. 193.2 lbs.
	1	12.00	0.00	GABLE C1GE	23-08-00 23-08-00	2 X 6	2 X 10	01-03-00	01-03-00	Joint 20 Joint 21 Joint 22 Joint 23 Joint 25 610.0 lbs. 411.1 lbs. -129.4 lbs. 1776.4 lbs. 1779.2 lbs. -328.7 lbs. -362.7 lbs. -1020.7 lbs. 179.3 lbs. 167.4 lbs.
	4	10.00	0.00	PIGGYBACK D1	23-08-00 23-06-00	2 X 6	2 X 6	01-03-00		Joint 2 Joint 9 1111.0 lbs. 1089.7 lbs. -35.3 lbs. -44.9 lbs.
	1	10.00	0.00	PIGGYBACK D1GE	23-08-00 23-06-00	2 X 6	2 X 6	01-03-00		Joint 2 Joint 18 Joint 19 Joint 20 Joint 21 365.8 lbs. 49.6 lbs. 160.2 lbs. 186.5 lbs. 154.5 lbs. -188.7 lbs. -25.0 lbs. -105.0 lbs. -95.6 lbs. 1.7 lbs.

Reaction Summary of Order



REQ. QUOTE DATE	/ /	ORDER #	J1123-6512
ORDER DATE	11/17/23	QUOTE #	
DELIVERY DATE	/ /	CUSTOMER ACCT #	0000007216
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Shaun Garderner	INVOICE #	
COUNTY	Harnett	TERMS	
SUPERINTENDANT	Shaun Garderner	SALES REP	Neil Baggett
JOBSITE PHONE #	(910) 988-8172	SALES AREA	Hampton Horrocks

SOLD TO	Precision Custom Homes 206 Shoreline Drive Raeford, NC 28376 (910) 988-8172	JOB NAME: Lot 65 Liberty Meadow MODEL: Roof TAG: Ragnar 2.0 DELIVERY INSTRUCTIONS: 60 miles round trip	LOT # 65 SUBDIV: Liberty Meadow JOB CATEGORY: B & S - Build and Ship
	SHIPP TO	Precision Custom Homes and Lot 65 Liberty Meadow Cameron, NC	SPECIAL INSTRUCTIONS:
PLAN SEAL DATE:			

BUILDING DEPARTMENT Roof Order	OVERHANG INFO	HEEL HEIGHT	00-06-08	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /
	END CUT	RETURN				LAYOUT	/ /
	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.)							
PROFILE	QTY	PITCH		TYPE ID	BASE O/A	LUMBER		OVERHANG		REACTIONS					
		TOP	BOT			TOP	BOT	LEFT	RIGHT						
	2	8.00	0.00	COMMON G1	20-08-08 20-08-08	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 892.5 lbs. -60.9 lbs.	Joint 6 892.5 lbs. -60.9 lbs.				
	1	8.00	0.00	GABLE G1GE	20-08-08 20-08-08	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 582.4 lbs. -116.4 lbs.	Joint 12 827.9 lbs. -215.8 lbs.	Joint 21 197.8 lbs. -163.2 lbs.	Joint 22 191.4 lbs. -110.4 lbs.	Joint 23 186.6 lbs. -95.8 lbs.	
	1 2 Ply	8.00	0.00	COMMON G1GRD	20-08-08 20-08-08	2 X 6	2 X 10			Joint 1 6519.7 lbs. -383.9 lbs.	Joint 5 7362.4 lbs. -430.9 lbs.				
	1	8.00	0.00	GABLE H1GE	12-10-00 12-10-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 181.7 lbs. -29.1 lbs.	Joint 8 181.7 lbs. -28.8 lbs.	Joint 10 202.1 lbs. -100.9 lbs.	Joint 11 173.7 lbs. -79.4 lbs.	Joint 12 137.5 lbs. 30.7 lbs.	
	1	10.00	5.00	SCISSORS K1	14-00-00 14-00-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 624.2 lbs. -37.2 lbs.	Joint 6 624.2 lbs. -37.2 lbs.				
	1	10.00	5.00	GABLE K1GE	14-00-00 14-00-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 272.1 lbs. -135.6 lbs.	Joint 10 221.5 lbs. -58.6 lbs.	Joint 12 249.9 lbs. -206.5 lbs.	Joint 13 169.6 lbs. -70.6 lbs.	Joint 14 319.1 lbs. -41.9 lbs.	
	2	10.00	5.00	SCISSORS K2	14-00-00 14-00-00	2 X 6	2 X 6	01-03-00		Joint 2 628.0 lbs. -37.3 lbs.	Joint 6 542.1 lbs. -18.3 lbs.				
	4	10.00	5.00	SCISSORS K3	14-00-00 13-10-00	2 X 6	2 X 6	01-03-00		Joint 2 609.8 lbs. -36.7 lbs.	Joint 6 523.7 lbs. -18.4 lbs.				
	4	4.00	0.00	COMMON P1	09-11-00 09-11-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 455.3 lbs. -258.4 lbs.	Joint 4 455.3 lbs. -258.4 lbs.				
	1	4.00	0.00	COMMON P1GE	09-11-00 09-11-00	2 X 6	2 X 6	01-03-00	01-03-00	Joint 2 455.3 lbs. -258.4 lbs.	Joint 6 455.3 lbs. -258.4 lbs.				
	9	12.00	0.00	PIGGYBACK PB1	05-08-08 05-08-08	2 X 4	2 X 4			Joint 2 162.3 lbs. -27.4 lbs.	Joint 4 162.3 lbs. -31.2 lbs.	Joint 6 177.3 lbs. 25.7 lbs.			

Reaction Summary of Order



REQ. QUOTE DATE	/ /	ORDER #	J1123-6512
ORDER DATE	11/17/23	QUOTE #	
DELIVERY DATE	/ /	CUSTOMER ACCT #	0000007216
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Shaun Garderner	INVOICE #	
COUNTY	Harnett	TERMS	
SUPERINTENDANT	Shaun Garderner	SALES REP	Neil Baggett
JOBSITE PHONE #	(910) 988-8172	SALES AREA	Hampton Horrocks

SOLD TO	Precision Custom Homes 206 Shoreline Drive Raeford, NC 28376 (910) 988-8172	JOB NAME: Lot 65 Liberty Meadow MODEL: Roof TAG: Ragnar 2.0 DELIVERY INSTRUCTIONS: 60 miles round trip	LOT # 65 SUBDIV: Liberty Meadow JOB CATEGORY: B & S - Build and Ship
	Precision Custom Homes and Lot 65 Liberty Meadow Cameron, NC	SPECIAL INSTRUCTIONS:	

PLAN SEAL DATE:
BY DATE

BUILDING DEPARTMENT Roof Order	OVERHANG INFO	HEEL HEIGHT	00-06-08	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /
	END CUT	RETURN				LAYOUT	/ /
	GABLE STUDS		24 IN. OC		JOBSITE 1	JOBSITE 1	CUTTING

ROOF TRUSSES		LOADING INFORMATION		TCLL-TCDL-BCLL-BCDL		STRESS INCR.		ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)						
PROFILE	QTY	PITCH		TYPE ID	BASE O/A	LUMBER		OVERHANG		REACTIONS				
		TOP	BOT			TOP	BOT	LEFT	RIGHT	Joint 1	Joint 2	Joint 6	Joint 7	Joint 8
	1	12.00	0.00	GABLE PB1GE	05-08-08 05-08-08	2 X 4	2 X 4			Joint 1 78.9 lbs. -66.6 lbs.	Joint 2 60.5 lbs. -4.4 lbs.	Joint 6 72.3 lbs. -21.9 lbs.	Joint 7 21.1 lbs. -8.9 lbs.	Joint 8 188.2 lbs. -150.1 lbs.
	4	10.00	0.00	PIGGYBACK PB2	04-08-09 04-08-09	2 X 4	2 X 4			Joint 2 136.1 lbs. -23.5 lbs.	Joint 4 136.1 lbs. -28.5 lbs.	Joint 6 154.8 lbs. 18.9 lbs.		
	1	10.00	0.00	GABLE PB2GE	04-08-09 04-08-09	2 X 4	2 X 4			Joint 1 122.5 lbs. -120.2 lbs.	Joint 2 263.6 lbs. -176.7 lbs.	Joint 4 238.0 lbs. -153.7 lbs.	Joint 5 91.0 lbs. -85.2 lbs.	Joint 6 145.5 lbs. 16.5 lbs.
	1	6.00	0.00	GABLE VC1	14-03-08 14-03-08	2 X 4	2 X 4			Joint 1 130.9 lbs. 0.0 lbs.	Joint 7 130.9 lbs. 3.3 lbs.	Joint 8 229.4 lbs. -110.7 lbs.	Joint 9 163.8 lbs. -32.7 lbs.	Joint 10 163.8 lbs. -38.2 lbs.
	1	6.00	0.00	VALLEY VC2	06-03-08 06-03-08	2 X 4	2 X 4			Joint 1 102.9 lbs. -16.4 lbs.	Joint 3 102.8 lbs. -19.3 lbs.	Joint 4 198.7 lbs. 8.4 lbs.		
	1	8.00	0.00	GABLE VG1	16-02-15 16-02-15	2 X 4	2 X 4			Joint 1 136.7 lbs. -2.1 lbs.	Joint 5 140.1 lbs. 7.9 lbs.	Joint 6 377.8 lbs. -103.7 lbs.	Joint 7 245.1 lbs. 52.3 lbs.	Joint 8 387.7 lbs. -108.7 lbs.
	1	8.00	0.00	GABLE VG2	12-02-15 12-02-15	2 X 4	2 X 4			Joint 1 57.3 lbs. -28.0 lbs.	Joint 5 43.9 lbs. -10.2 lbs.	Joint 6 313.5 lbs. -92.8 lbs.	Joint 7 264.3 lbs. 36.2 lbs.	Joint 8 313.7 lbs. -92.9 lbs.
	1	8.00	0.00	VALLEY VG3	08-02-15 08-02-15	2 X 4	2 X 4			Joint 1 158.2 lbs. -25.0 lbs.	Joint 3 158.2 lbs. -30.7 lbs.	Joint 4 266.1 lbs. 18.9 lbs.		
	1	8.00	0.00	VALLEY VG4	04-02-15 04-02-15	2 X 4	2 X 4			Joint 1 71.3 lbs. -11.3 lbs.	Joint 3 71.3 lbs. -13.8 lbs.	Joint 4 119.9 lbs. 8.5 lbs.		

ITEMS					
QTY	ITEM TYPE	SIZE	LENGTH FT-IN-16	PART NUMBER	NOTES
10	Hangers, USP	HUS 26			SIMPSON (HUS26)

Reaction Summary of Order



REQ. QUOTE DATE	/ /	ORDER #	J1123-6513
ORDER DATE	11/17/23	QUOTE #	
DELIVERY DATE	/ /	CUSTOMER ACCT #	0000007216
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Shaun Garderner	INVOICE #	
COUNTY	Harnett	TERMS	
SUPERINTENDANT	Shaun Garderner	SALES REP	Neil Baggett
JOBSITE PHONE #	(910) 988-8172	SALES AREA	Hampton Horrocks

SOLD TO	Precision Custom Homes 206 Shoreline Drive Raeford, NC 28376 (910) 988-8172	JOB NAME: Lot 65 Liberty Meadow MODEL: Floor TAG: Ragnar 2.0 DELIVERY INSTRUCTIONS: 60 miles round trip	LOT # 65 SUBDIV: Liberty Meadow JOB CATEGORY: B & S - Build and Ship
	Precision Custom Homes and Lot 65 Liberty Meadow Cameron, NC	SPECIAL INSTRUCTIONS: <div style="text-align: right;">PLAN SEAL DATE:</div>	

BUILDING DEPARTMENT Floor Order	OVERHANG INFO	HEEL HEIGHT	00-06-08	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /
	END CUT	RETURN				LAYOUT	/ /
	GABLE STUDS		24 IN. OC		JOBSITE 1	JOBSITE 1	CUTTING

FLOOR TRUSSES	LOADING INFORMATION	TCLL-TCDL-BCLL-BCDL	STRESS INCR.	FLOOR TRUSS SPACING: 24.0 IN. O.C. (TYP.)
		40.0,10.0,0.0,5.0	1.00	

FLOOR PROFILE	QTY PLY	DEPTH ID	BASE SPAN	O/A SPAN	END TYPE		INT BEARING		REACTIONS				
					LEFT	RIGHT	SIZE	LOCATION					
	9	01-02-00 F01	13-05-08	13-05-08					Joint 9 720.2 lbs. 379.7 lbs.	Joint 14 720.2 lbs. 379.7 lbs.			
	2	01-02-00 F02	12-10-08	12-10-08					Joint 9 694.4 lbs. 364.6 lbs.	Joint 14 694.4 lbs. 364.6 lbs.			
	1	01-02-00 F03	13-02-00	13-02-00					Joint 9 710.4 lbs. 378.7 lbs.	Joint 14 704.2 lbs. 365.7 lbs.			
	2	01-02-00 F04	20-08-08	20-08-08					Joint 15 639.5 lbs. 162.8 lbs.	Joint 20 1256.2 lbs. 685.4 lbs.	Joint 24 403.0 lbs. 52.6 lbs.		
	3	01-02-00 F04A	20-06-00	20-06-00					Joint 15 630.9 lbs. 160.7 lbs.	Joint 20 1235.5 lbs. 679.1 lbs.	Joint 24 405.1 lbs. 58.2 lbs.		
	1	01-02-00 F05	20-08-08	20-08-08					Joint 16 678.6 lbs. 185.3 lbs.	Joint 22 813.7 lbs. 256.0 lbs.	Joint 23 110.6 lbs. -51.8 lbs.	Joint 24 170.0 lbs. 57.6 lbs.	Joint 25 150.6 lbs. 37.7 lbs.
	2	01-02-00 F06	18-01-08	18-01-08					Joint 14 976.9 lbs. 493.5 lbs.	Joint 22 983.1 lbs. 494.7 lbs.			
	1	01-02-00 F06A	18-01-08	18-01-08					Joint 17 1864.4 lbs. 1369.9 lbs.	Joint 33 1876.9 lbs. 1377.3 lbs.			
	3	01-02-00 F07	03-10-08	03-10-08					Joint 4 193.1 lbs.	Joint 5 193.1 lbs.			

Reaction Summary of Order



REQ. QUOTE DATE	/ /	ORDER #	J1123-6513
ORDER DATE	11/17/23	QUOTE #	
DELIVERY DATE	/ /	CUSTOMER ACCT #	0000007216
DATE OF INVOICE	/ /	CUSTOMER PO #	
ORDERED BY	Shaun Garderner	INVOICE #	
COUNTY	Harnett	TERMS	
SUPERINTENDANT	Shaun Garderner	SALES REP	Neil Baggett
JOBSITE PHONE #	(910) 988-8172	SALES AREA	Hampton Horrocks

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	SHIPP TO	Precision Custom Homes and Lot 65 Liberty Meadow Cameron, NC	SPECIAL INSTRUCTIONS:

BUILDING DEPARTMENT Floor Order	OVERHANG INFO	HEEL HEIGHT	00-06-08	REQ. LAYOUTS	REQ. ENGINEERING	QUOTE	/ /
	END CUT	RETURN				LAYOUT	/ /
	GABLE STUDS		24 IN. OC		JOBSITE 1	JOBSITE 1	CUTTING

FLOOR TRUSSES	LOADING INFORMATION	TCLL-TCDL-BCLL-BCDL	STRESS INCR.	FLOOR TRUSS SPACING: 24.0 IN. O.C. (TYP.)
		40.0,10.0,0.0,5.0	1.00	

FLOOR PROFILE	QTY PLY	DEPTH ID	BASE SPAN	O/A SPAN	END TYPE		INT BEARING		REACTIONS
					LEFT	RIGHT	SIZE	LOCATION	
	1	01-02-00 FKW1	13-05-08	13-05-08					Joint 12: 63.2 lbs. Joint 13: 151.4 lbs. Joint 14: 145.6 lbs. Joint 15: 146.9 lbs. Joint 16: 146.6 lbs.
	1	01-02-00 FKW3	12-10-00	12-10-00					Joint 12: 26.8 lbs. Joint 13: 113.3 lbs. Joint 14: 152.8 lbs. Joint 15: 145.1 lbs. Joint 16: 147.1 lbs.
	1	01-02-00 FKW6	18-01-08	18-01-08					Joint 16: 30.9 lbs. Joint 17: 154.7 lbs. Joint 18: 141.3 lbs. Joint 19: 881.7 lbs. Joint 22: 877.5 lbs. 6.2 lbs. 47.7 lbs. 12.0 lbs. 521.7 lbs. 567.3 lbs.

ITEMS					
QTY	ITEM TYPE	SIZE	LENGTH FT-IN-16	PART NUMBER	NOTES
8	Hangers, USP	HUS 410			SIMPSON (HUS410)
2	LVL Beams (Sized)	LVL, 1-3/4" x 14" (S)	06-00-00		BM3
2	LVL Beams (Sized)	LVL, 1-3/4" x 14" (S)	05-00-00		BM4
2	LVL Beams (Sized)	LVL, 1-3/4" x 18" (S)	20-00-00		GDH