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

05/18/2021

Harnett COUNTY NORTH CAROLINA

2 REAR ELEVATION
1/4" = 1'-0"

SPACE DATA

FIRST FLOOR, HEATED:	1022 SF
SECOND FLOOR, HEATED:	1288 SF
FRONT PORCH:	100 SF
OPTIONAL REAR PORCH:	144 SF
GARAGE:	504 SF
THIRD CAR GARAGE:	280 SF

ATTIC VENT CALC'S.

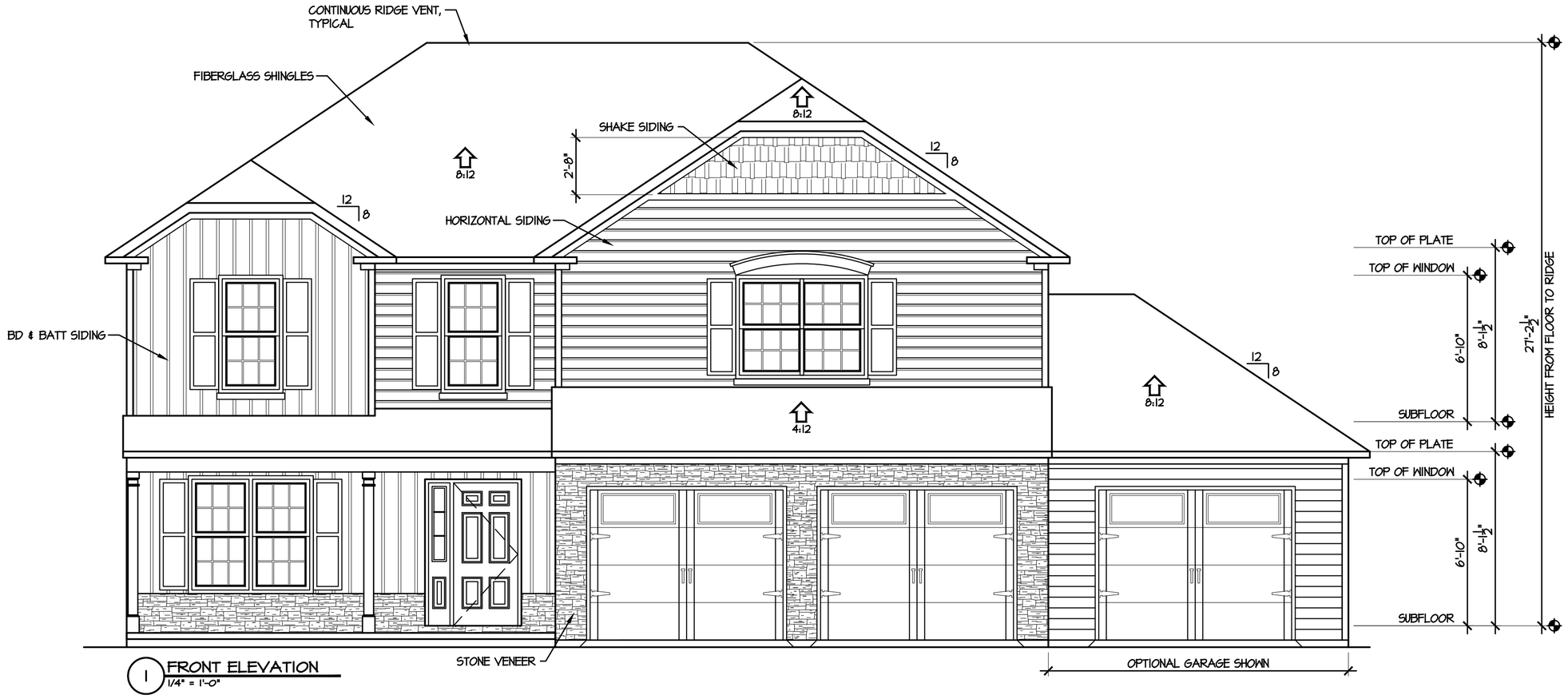
ATTIC AREA: 1288 S.F.

GABLE VENTS: N/A

RIDGE VENTS: 35 L.F. / 5 S.F. (39%)

SOFFIT VENT: 130 L.F. / 8 S.F. (61%)

RATIO: 13/1288 = 1/100



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

Caviness Land
Building and Development Company
Builder of Excellence

1041B Robeson Street
Fayetteville, NC 28305
Office: 910-339-6330
Fax: 910-339-6333

NATIONAL COUNCIL OF BUILDING DESIGNER CERTIFICATION

TODD TUCKER 34 - 156
FORTIFIED-WISE™
PROFESSIONAL
910-824-1474

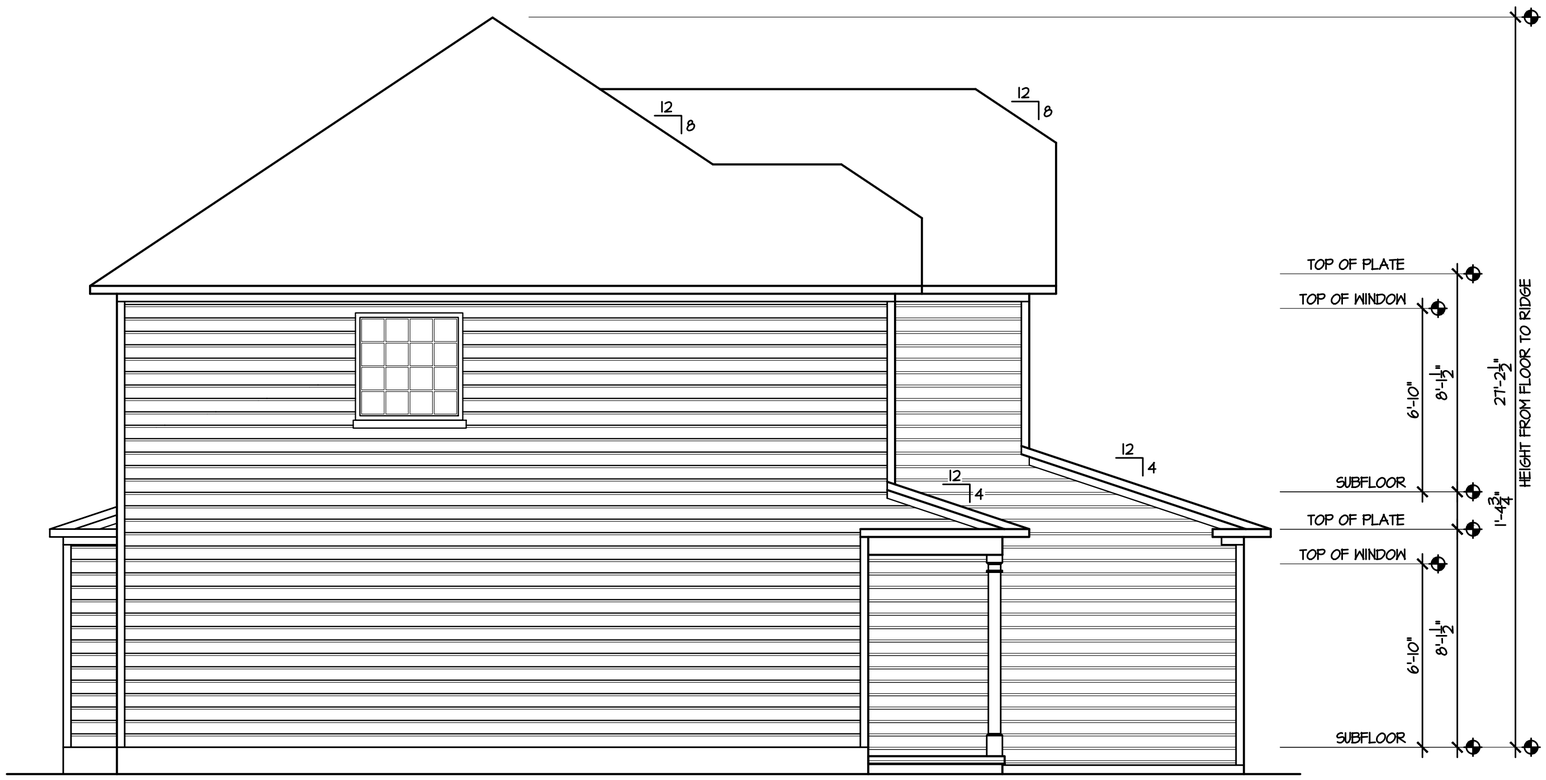
PLAN NAME/NUMBER: CL2310-4

SHEET TITLE: ELEVATIONS

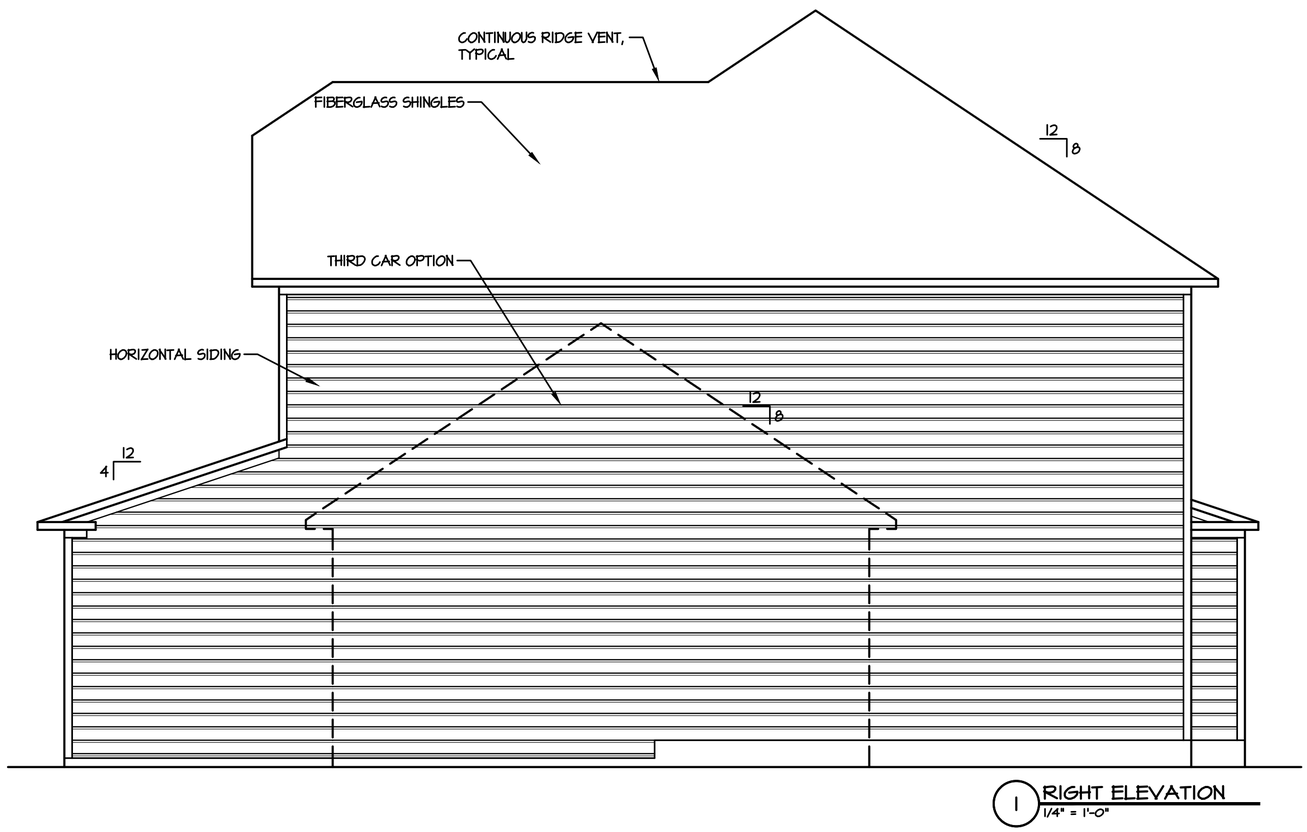
DATE: NOVEMBER 2012

REVISIONS:	
10/11/18	1/2 BATH / REAR DOOR
8/7/19	36"x48" SHOWER

SHEET NO: 1



2 LEFT ELEVATION
1/4" = 1'-0"



1 RIGHT ELEVATION
1/4" = 1'-0"

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PLAN NAME/NUMBER: CL2310-4

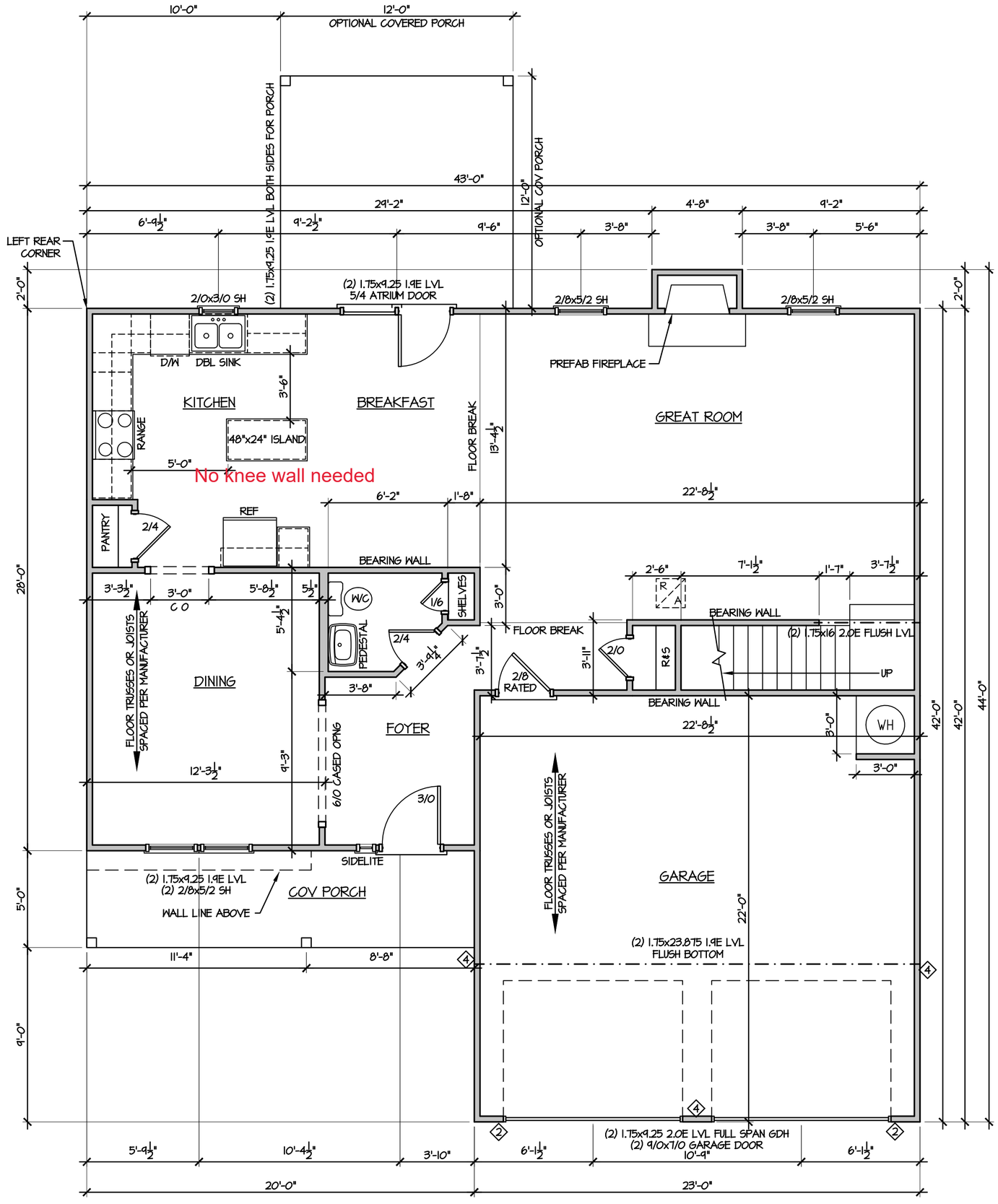
SHEET TITLE: ELEVATIONS

DATE: NOVEMBER 2012

REVISIONS:

10/11/18	1/2 BATH / REAR DOOR
8/7/19	36"x48" SHOWER

SHEET NO: 2



1 FIRST FLOOR
1/4" = 1'-0"

2 THIRD CAR GARAGE OPTION
1/4" = 1'-0"

GENERAL NOTE:
ALL 2x4 WALLS DRAWN AS 3 1/2"
ALL 2x6 WALLS DRAWN AS 5 1/2"

ALL EXTERIOR DIMENSIONS INCLUDE WALL SHEATHING

ALL WALLS ARE 2x4 WALLS UNLESS OTHERWISE NOTED

IN LOAD-BEARING WALLS:
ALL OPENING, WINDOW & DOOR HEADERS TO BE (2) 2x10 SPF #2 & (2) STUDS ON EACH SIDE UNLESS NOTED OTHERWISE

(n) SYMBOL FOR REQUIRED STUDS FOR BEAM ABOVE

ARROW INDICATES SPAN DIRECTION

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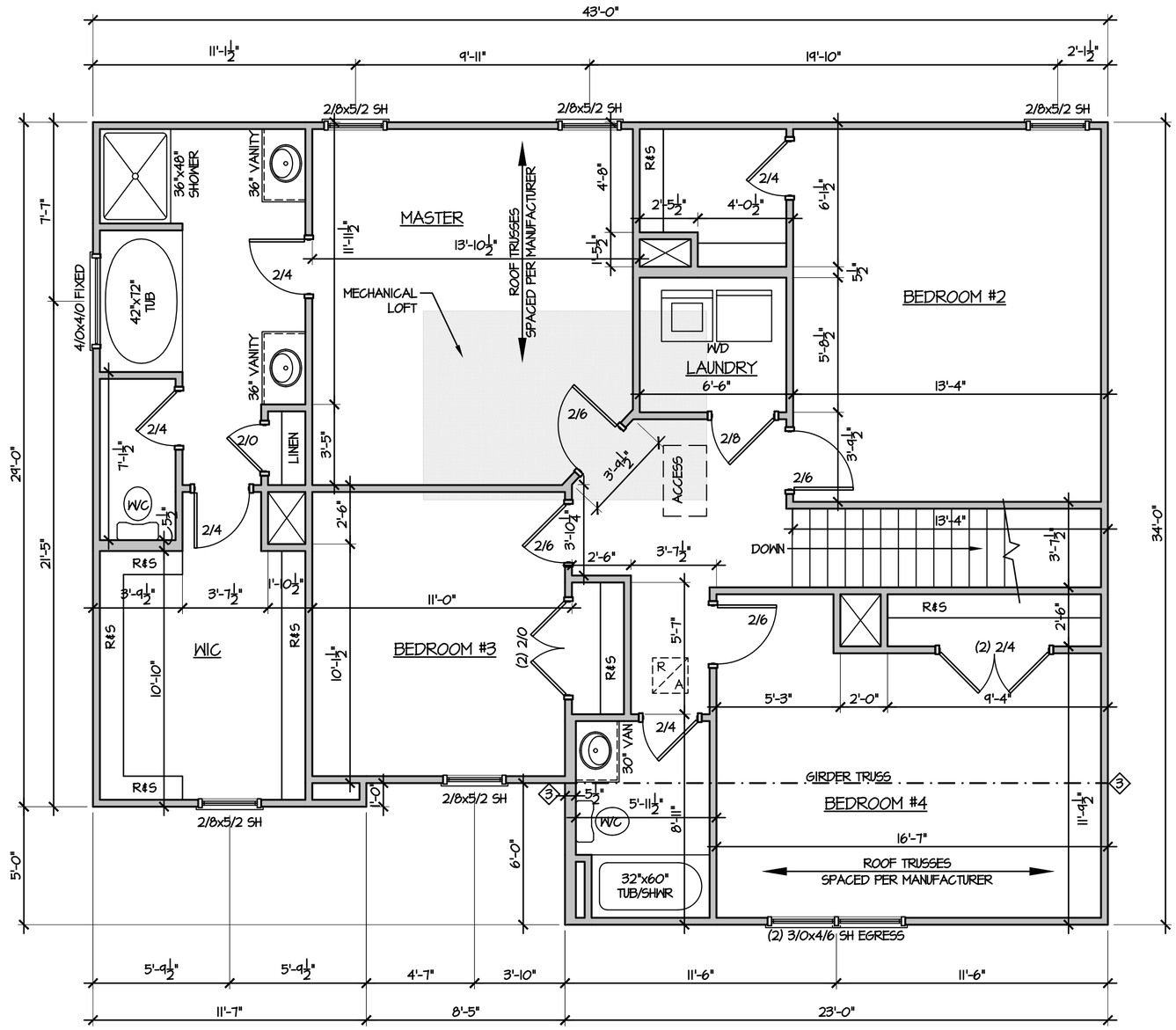
PLAN NAME/NUMBER: CL2310-4

SHEET TITLE: FIRST FLOOR PLAN

DATE: NOVEMBER 2012

REVISIONS:	
10/11/18	1/2 BATH / REAR DOOR
8/7/19	36"x48" SHOWER

SHEET NO: 4



1 SECOND FLOOR PLAN
1/4" = 1'-0"

GENERAL NOTE:
ALL 2x4 WALLS DRAWN AS 3 1/2"
ALL 2x6 WALLS DRAWN AS 5 1/2"

ALL EXTERIOR DIMENSIONS INCLUDE WALL SHEATHING

ALL WALLS ARE 2x4 WALLS UNLESS OTHERWISE NOTED

IN LOAD-BEARING WALLS:
ALL OPENING, WINDOW & DOOR HEADERS TO BE (2) 2x8 SPF #2 & (2) STUDS ON EACH SIDE UNLESS NOTED OTHERWISE

(n) SYMBOL FOR REQUIRED STUDS FOR BEAM ABOVE

ARROW INDICATES SPAN DIRECTION

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PROFESSIONAL
910-824-1474

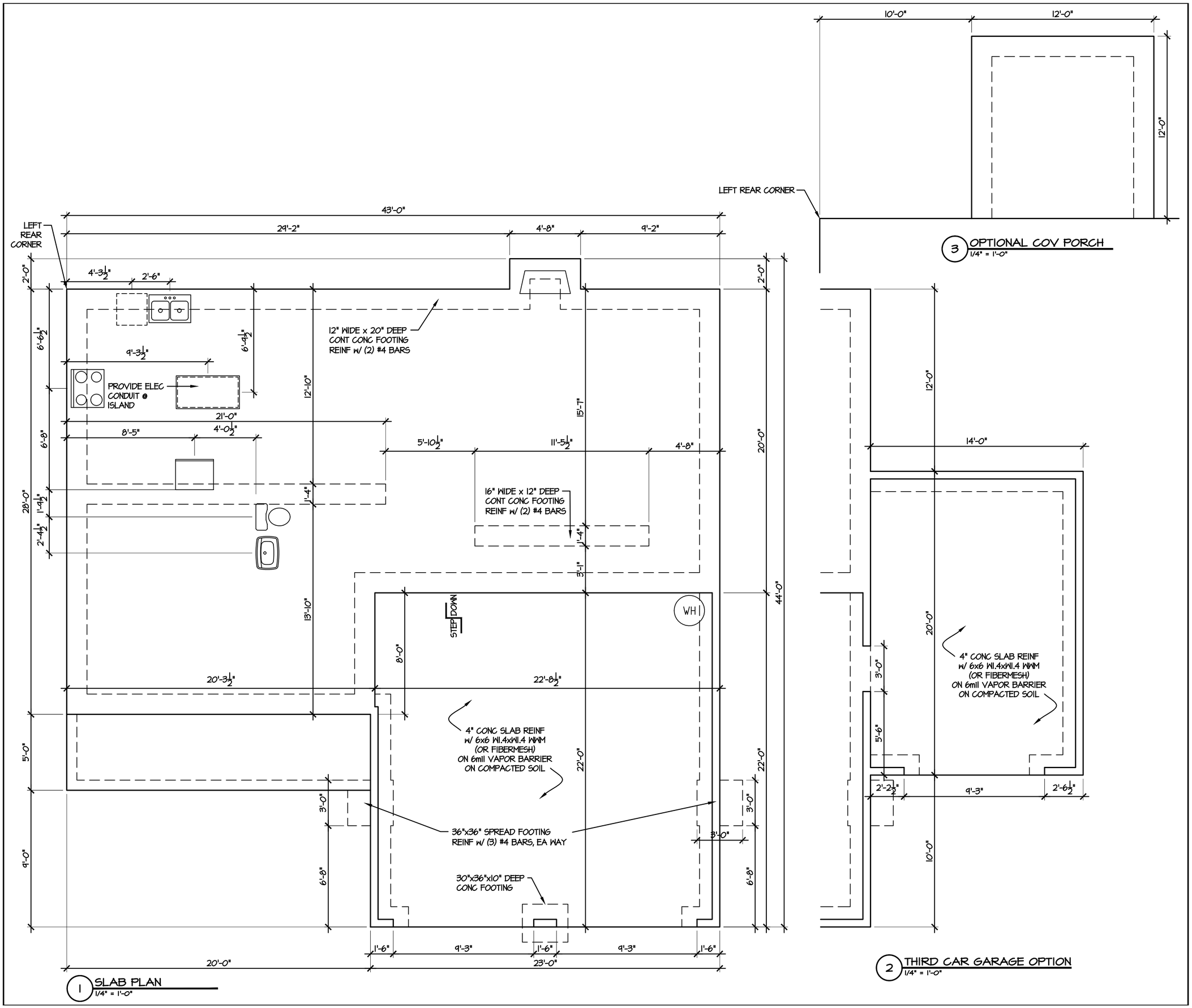
PLAN NAME/NUMBER: CL2310-4

SHEET TITLE: SECOND FLOOR PLAN

DATE: NOVEMBER 2012

REVISIONS:	
10/11/18	1/2 BATH / REAR DOOR
8/7/19	36"x48" SHOWER

SHEET NO: 5



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910-824-1474

PLAN NAME/NUMBER: CL2310-4

SHEET TITLE: SLAB PLAN

DATE: NOVEMBER 2012

REVISIONS:	
10/11/18	1/2 BATH / REAR DOOR
8/7/19	36"x48" SHOWER

SHEET NO: 3

GENERAL NOTES:

DO NOT CUT OR MODIFY TRUSSES.

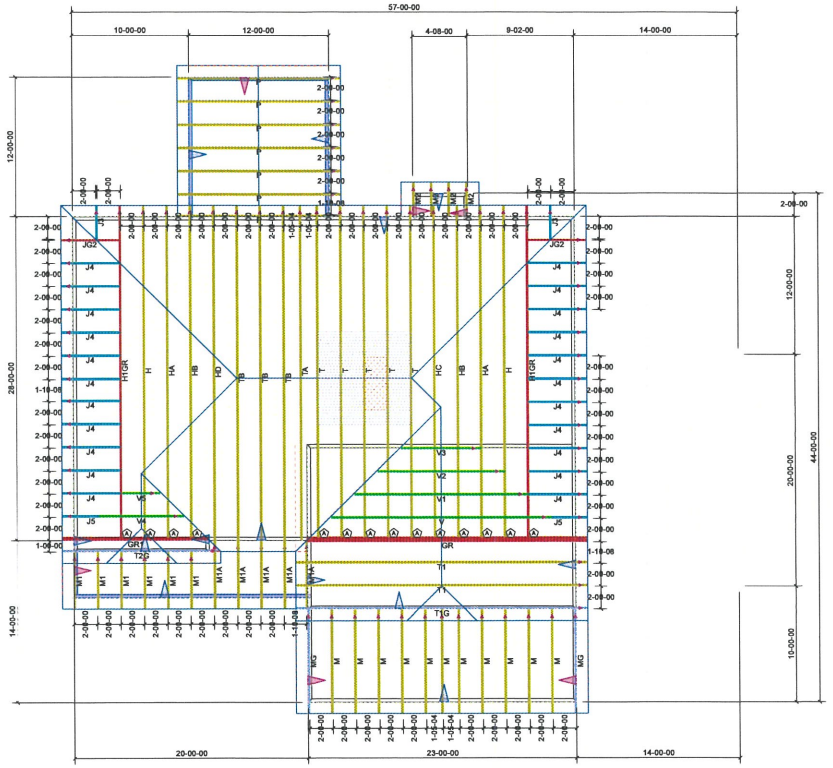
TRUSSES ARE SPACED 24" ON CENTER UNLESS NOTED OTHERWISE.

REFER TO THE INDIVIDUAL TRUSS DESIGN DRAWINGS FOR THE LOCATION OF LATERAL BRACING AND MULTI-PLY CONNECTION REQUIREMENTS.

PER ANSI TPI 1-2002 THE TRUSS ENGINEER IS RESPONSIBLE FOR TRUSS TO TRUSS CONNECTIONS AND TRUSS PLY TO PLY CONNECTIONS. THIS TRUSS PLACEMENT PLAN RECCOMENDS TRUSS TO BEARING CONNECTIONS AND TRUSS TO BEAM CONNECTIONS WHICH SHALL BE REVIEWED BY THE BUILDING DESIGNER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO RESOLVE ALL ROOF FORCES ADEQUATELY TO THE FOUNDATION.

THIS LAYOUT IS INTENDED FOR THE PURPOSE OF TRUSS LOCATION AND PLACEMENT ONLY.
REFER TO THE BUILDING PLANS FOR ACTUAL BUILDING CONSTRUCTION.

ORDER: 11470



Hardware List:		
A	14	HUS26

ROOF LOADING:

TOP LIVE: 20 PSF

TOP DEAD: 10 PSF

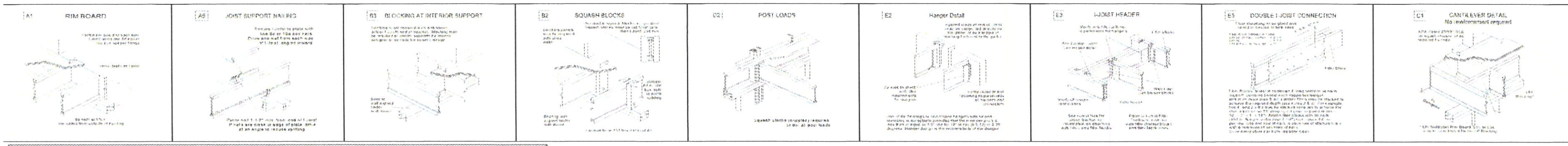
BOTTOM DEAD: 10 PSF

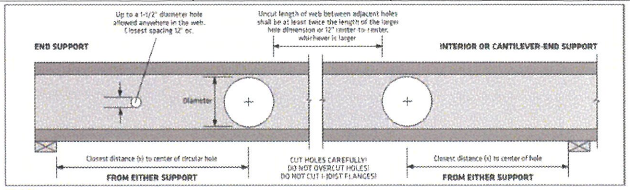
WIND SPEED: 115 MPH

84 LUMBER COMPONENTS

DEDICATED TO QUALITY AND EXCELLENCE
200 EMMETT ROAD
DUNN, NORTH CAROLINA 28334
PHONE: 910-892-8400

PROJECT:	-
CUSTOMER:	Caviness Land
MODEL:	CL-2310 CP GOR
SCALE:	NOT TO SCALE
P.O. NUMBER:	31500
ORDER:	11470
DRAWN BY:	JK
PRINT DATE:	/ /
REV:	7/18/16
SHIP DATE:	





TO USE:

1. Select the required series and depth.
2. Determine the support condition for the nearest bearing: end support or interior support (including cantilever-end supports).
3. Select the row corresponding to the required Clear Span. For spans between those listed, use the next largest value.
4. Select the column corresponding to the required hole diameter. For diameters between those listed, use the next largest value.
5. The intersection of the Clear Span row and Hole Diameter column gives the minimum distance from the inside face of bearing to the center of a circular hole.
6. Double check the distance to the other support, using the appropriate support condition.

Depth	Clear Span (ft)	Distance from End Support						Distance from Interior or Cantilever-End Support					
		Hole Diameter						Hole Diameter					
		2"	4"	6"	8"	10"	12"	2"	4"	6"	8"	10"	12"
14"	14'	1'-0"	1'-0"	1'-0"	1'-0"	2'-2"	-	1'-0"	1'-0"	1'-5"	2'-7"	3'-9"	-
	18'	1'-0"	1'-0"	1'-9"	3'-1"	4'-6"	-	1'-8"	2'-10"	3'-11"	5'-1"	6'-3"	-
	22'	1'-5"	2'-9"	4'-1"	5'-6"	7'-0"	-	4'-2"	5'-4"	6'-5"	7'-7"	8'-9"	-
	26'	3'-8"	5'-0"	6'-5"	8'-0"	9'-8"	-	6'-8"	7'-10"	8'-11"	10'-1"	11'-4"	-
16"	18'	1'-0"	1'-0"	1'-4"	2'-5"	3'-7"	4'-11"	1'-6"	2'-6"	3'-6"	4'-6"	5'-6"	6'-6"
	22'	1'-4"	2'-5"	3'-6"	4'-9"	6'-1"	7'-5"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"
	26'	3'-6"	4'-8"	5'-11"	7'-2"	8'-7"	10'-1"	6'-6"	7'-6"	8'-6"	9'-6"	10'-6"	11'-9"
	30'	5'-9"	7'-0"	8'-4"	9'-9"	11'-3"	12'-10"	9'-0"	10'-0"	11'-0"	12'-0"	13'-2"	14'-8"

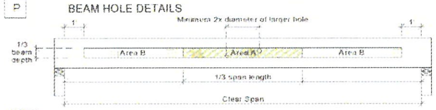
DESIGN ASSUMPTIONS:

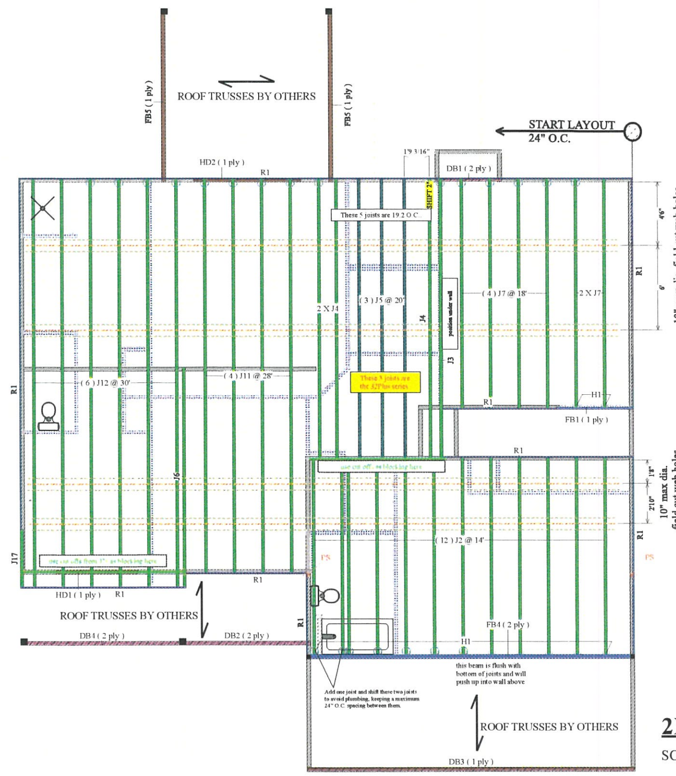
1. The hole locations listed above are valid for floor joists supporting only uniform loads. The total uniform load shall not exceed 130 plf (e.g., 40 psf Live Load and 25 psf Dead Load spaced 24" oc).
2. Hole location is measured from the inside face of bearing to the center of a circular hole, from the closest support.
3. Clear Span has not been verified for these joists and is shown for informational purposes only. Verify that the joist selected will work for the span and loading conditions needed before checking hole location.
4. The maximum hole depth for circular holes is the I-Joist Depth less 4", except the maximum hole depth is 6" for 9-1/2" LPI joists, and 8" for 11-7/8" LPI joists.
5. Holes cannot be located in the span where designated "-" without further analysis by a design professional.

NOTES:

1. Holes may be placed anywhere within the depth of the joist. A minimum 1/4" clear distance is required between the hole and the flanges.
2. Round holes up to 1-1/2" diameter may be placed anywhere in the web.
3. Perforated "knockouts" may be neglected when locating web holes.
4. Holes larger than 1-1/2" are not permitted in cantilevers without special engineering.
5. Multiple holes shall have a clear separation along the length of the joist of at least twice the length of the larger adjacent hole, or a minimum of 12" center-to-center, whichever is greater.
6. Multiple holes may be spaced closer provided they fit within the boundary of an acceptable larger hole. Example: two 3" round holes aligned parallel to the joist length may be spaced 2" apart (clear distance) provided that a 3" high by 8" long rectangle or an 8" diameter round hole are acceptable for the joist depth at that location and completely encompass the holes.
7. For conditions not covered in this table, use LP's design software or contact your local LP® SolidStart® Engineered Wood Products distributor for more information.

P BEAM HOLE DETAILS





2ND FLOOR FRAMING

SCALE: 1/4" = 1'

2nd Floor

I Joist (Flush)

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
J12	LPI 20Plus	2.5	14			6	30-0-0
J11	LPI 20Plus	2.5	14			4	28-0-0
J4	LPI 20Plus	2.5	14			3	20-0-0
J3	LPI 20Plus	2.5	14			1	20-0-0
J7	LPI 20Plus	2.5	14			6	18-0-0
J6	LPI 20Plus	2.5	14			1	16-0-0
J2	LPI 20Plus	2.5	14			12	14-0-0
J17	LPI 20Plus	2.5	14			1	4-0-0
J5	LPI 32Plus	2.5	14			3	20-0-0

LVL/LSL (Flush)

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
FB5	LP-LSL 1.55E	3.5	9.25			2	14-0-0
FB1	LP-LVL 2900Fb-2.0E	1.75	14			1	6-0-0
FB4	LP-LVL 2900Fb-2.0E	1.75	20	1	2	2	24-0-0

LVL/LSL (Dropped)

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
HD2	LP-LSL 1.55E	3.5	9.25			1	8-0-0
HD1	LP-LSL 1.55E	3.5	9.25			1	6-0-0
DB3	LP-LSL 1.55E	3.5	11.875			1	24-0-0

Beam By Others (Dropped)

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
DB4	[2x10]			1	2	2	12-0-0
DB2	[2x10]			1	2	2	10-0-0
DB1	[2x10]			1	2	2	6-0-0

Rim Board

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
R1	LP APA Rated OSB 1.125 X 14	1.125	14			13	12-0-0

Hanger

Label	Pcs	Description	Skew	Slope	Beam/Girder fasteners	Supported Member fasteners
H1	14	IUS2.56/14 (Min)			12 10dx1 1/2	

U.S. LUMBER

2160 Satellite Blvd., Suite 450
Duluth, GA 30097
888-613-5078

LP BUILDING PRODUCTS

84 LUMBER Build on what we know™

Dealer
84 Lumber-Fayetteville #2307

Dealer Address
620 Belt Road
Fayetteville, NC 28301
(910) 867-9185

Project
CL2310 CP GR CT

Created
October 01, 2014

Layout Name
CL2310 CP GR CT

Description
Caviness Land
CL2310 CP GR CT

Designer
Kyle Militzer

Revised
April 24, 2020

2nd Floor

Design Method	ASD (USA)
Building Code	IBC/IRC 2015
Floor	
Loads	
Live	40
Dead	10
Deflection Joist	
LL Span L/	480
TL Span L/	240
LL Cant 2L/	360
TL Cant 2L/	360
Deflection Girder	
LL Span L/	360
TL Span L/	240
LL Cant 2L/	360
TL Cant 2L/	360
Decking	
Decking	OSB 23/32 APA Rated Sturd-I-Floor
Fastener	Nailed & Glued

Legend

- Point Load Support
- Load from Above
- 3.5" Non-Brg Wall
- 5.5" Non-Brg Wall
- Wall
- Partition Wall (Non-Load-Bearing)
- Wall Opening
- LP APA Rated OSB 1.125 X 14
- LPI 20Plus 14
- LPI 32Plus 14
- LP-LSL 1.55E 3.5 X 9.25 (Dropped)
- LP-LSL 1.55E 3.5 X 9.25
- LP-LSL 1.55E 3.5 X 11.875 (Dropped)
- LP-LVL 2900Fb-2.0E 1.75 X 14
- LP-LVL 2900Fb-2.0E 1.75 X 20
- 1.5 X 9.25 (Dropped)

Important Notes: WARNING: Failure to follow proper procedures for handling, storage and installation could result in unsatisfactory performance, unsafe structures and possible collapse.

Handling & Storage

Calculated Structured Designs