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

04/13/2021

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.

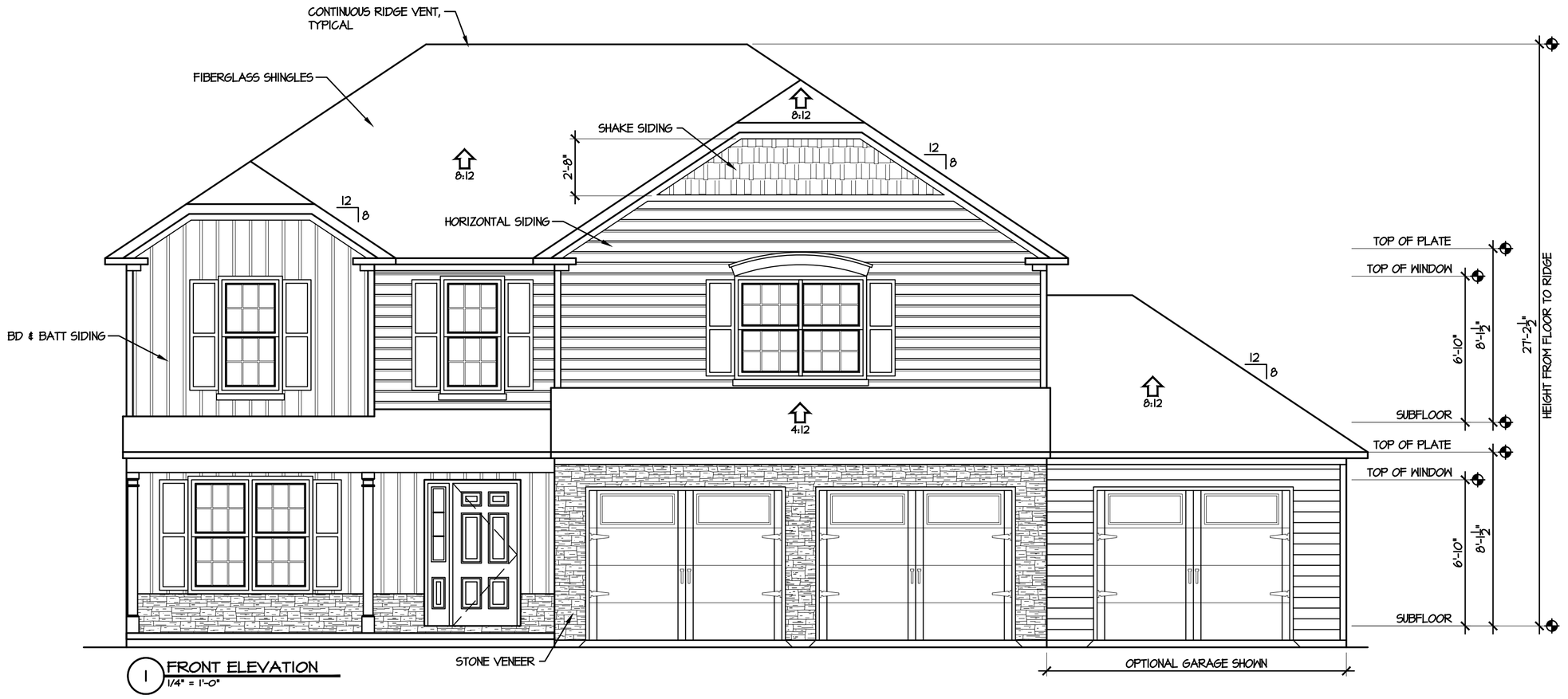
ATTIC AREA: 1288 S.F.

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

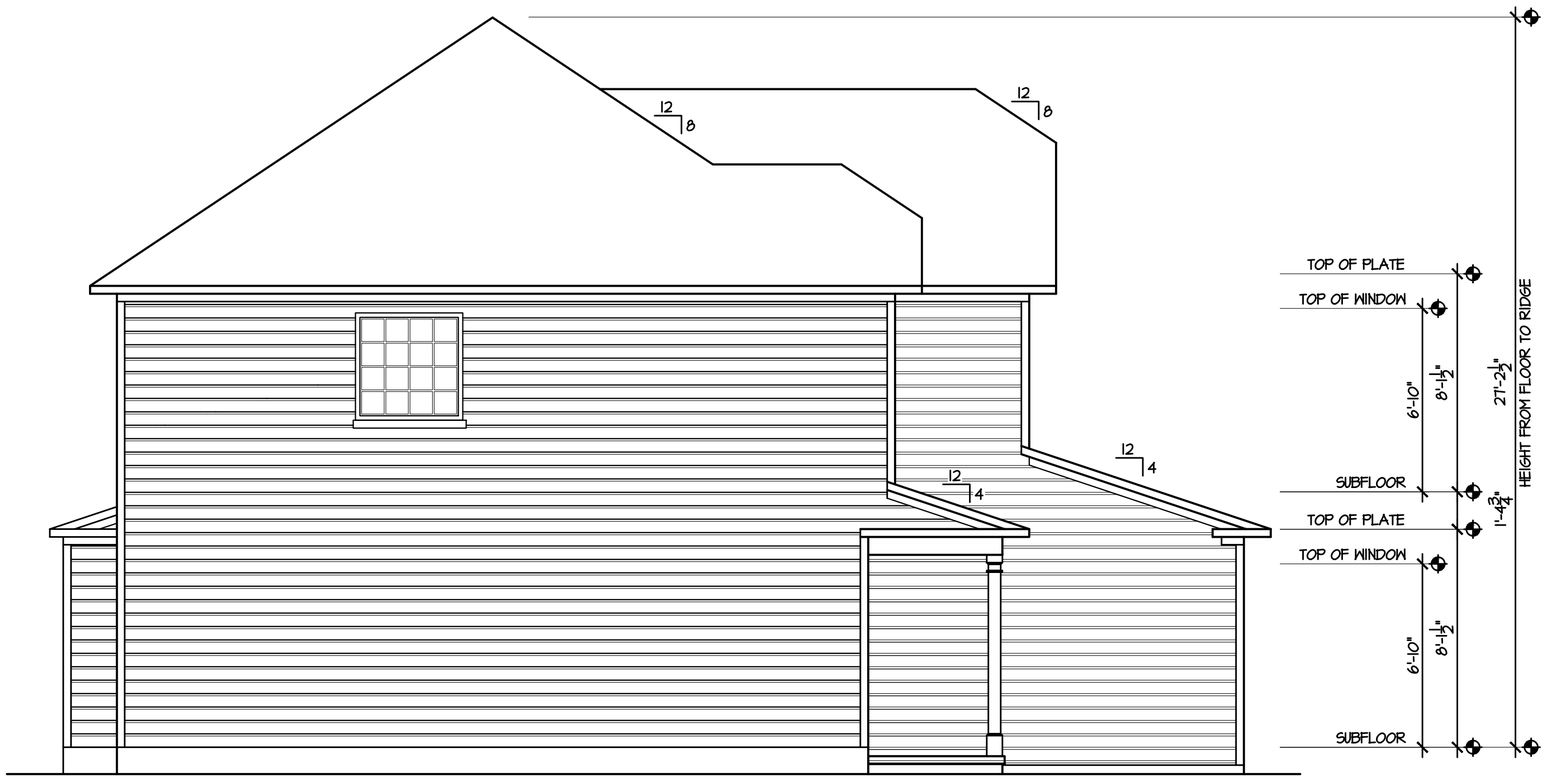
PLAN NAME/NUMBER: CL2310-4

SHEET TITLE: ELEVATIONS

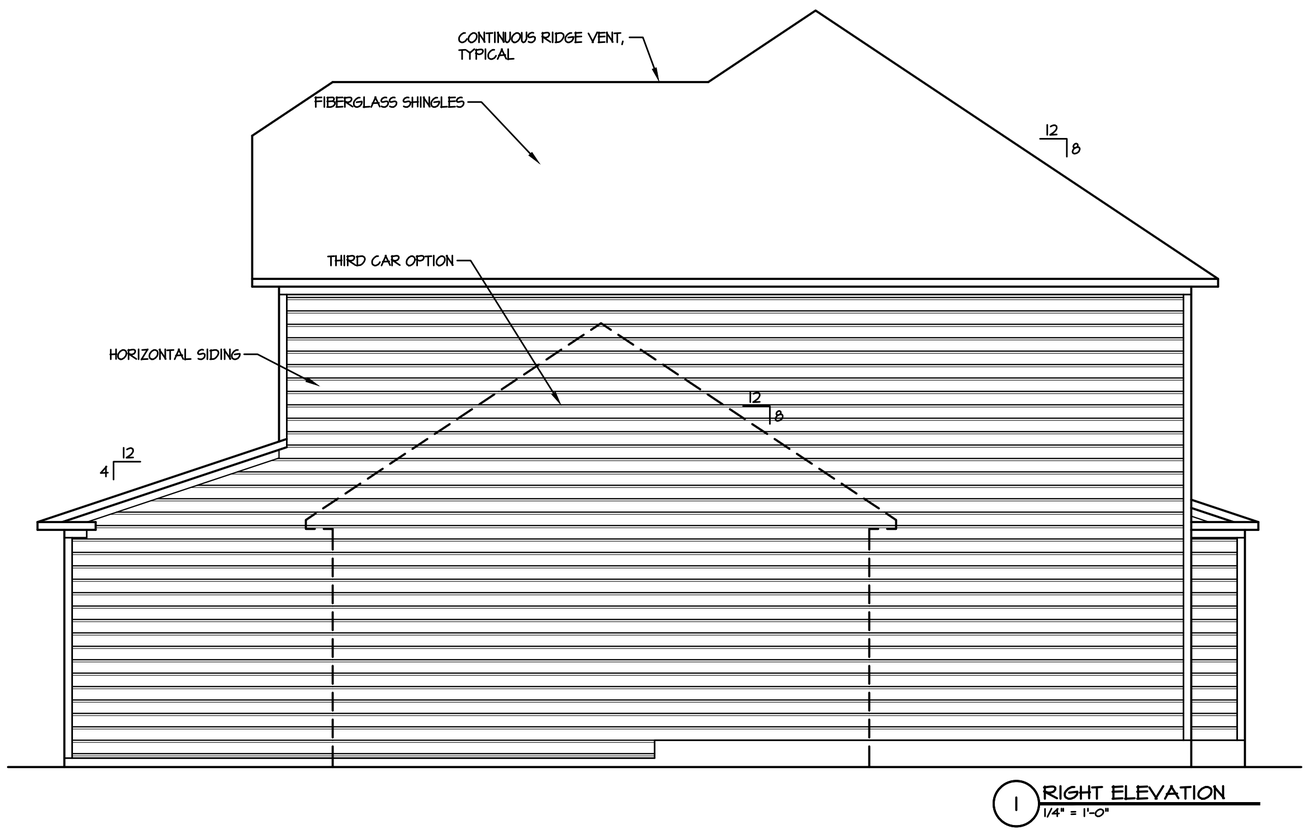
DATE: NOVEMBER 2012

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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910-824-1474

PLAN NAME/NUMBER: CL2310-4

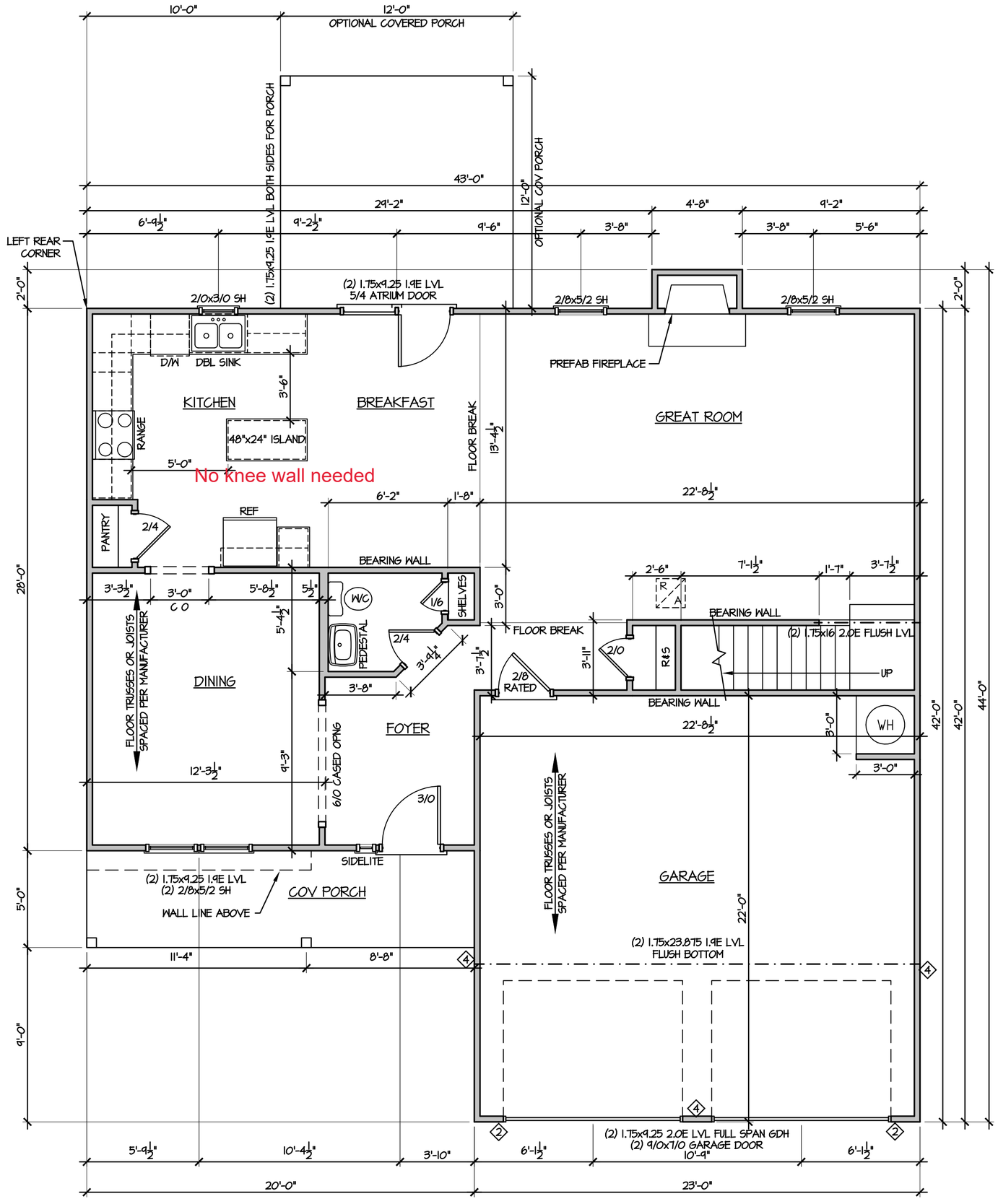
SHEET TITLE: ELEVATIONS

DATE: NOVEMBER 2012

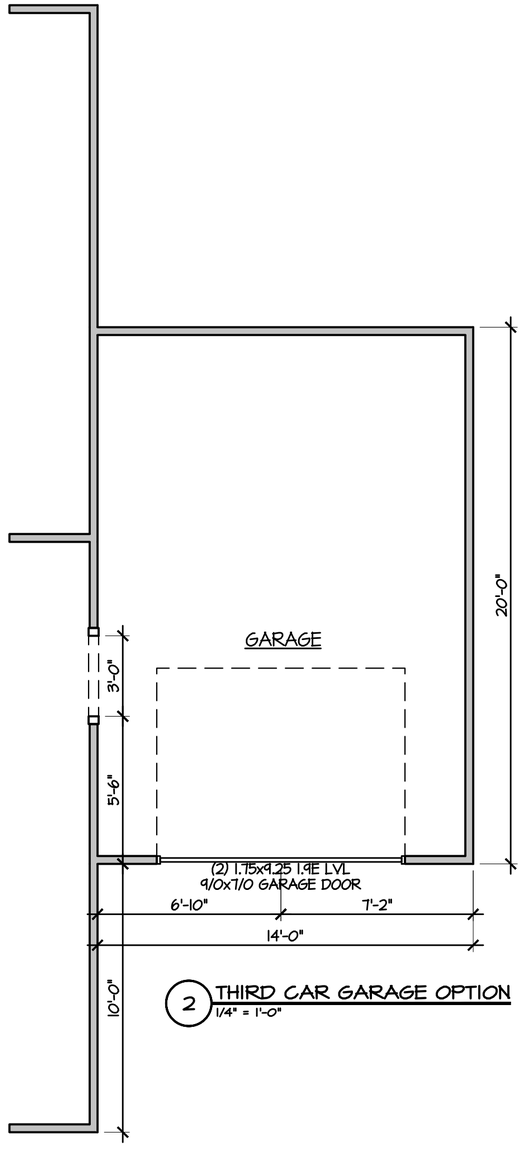
REVISIONS:

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

SHEET NO: 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

Caviness Land
Building and Development Company
Builder of Excellence

1041B Robeson Street
Fayetteville, NC 28305
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TODD TUCKER 34 - 156
FORTIFIED-WISE™
PROFESSIONAL
910-824-1474

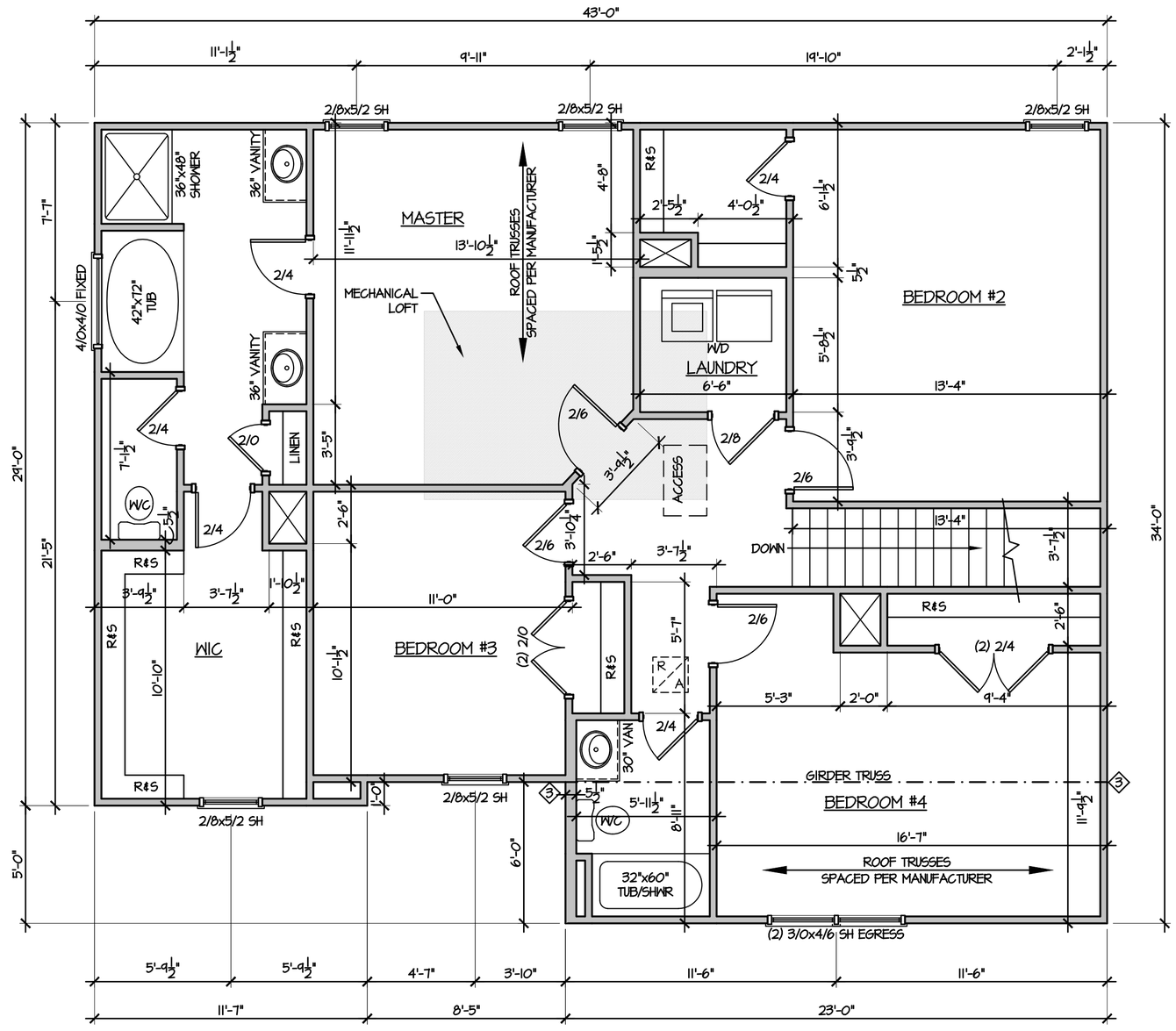
PLAN NAME/NUMBER: CL2310-4

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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FORTIFIED-WISE™ 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

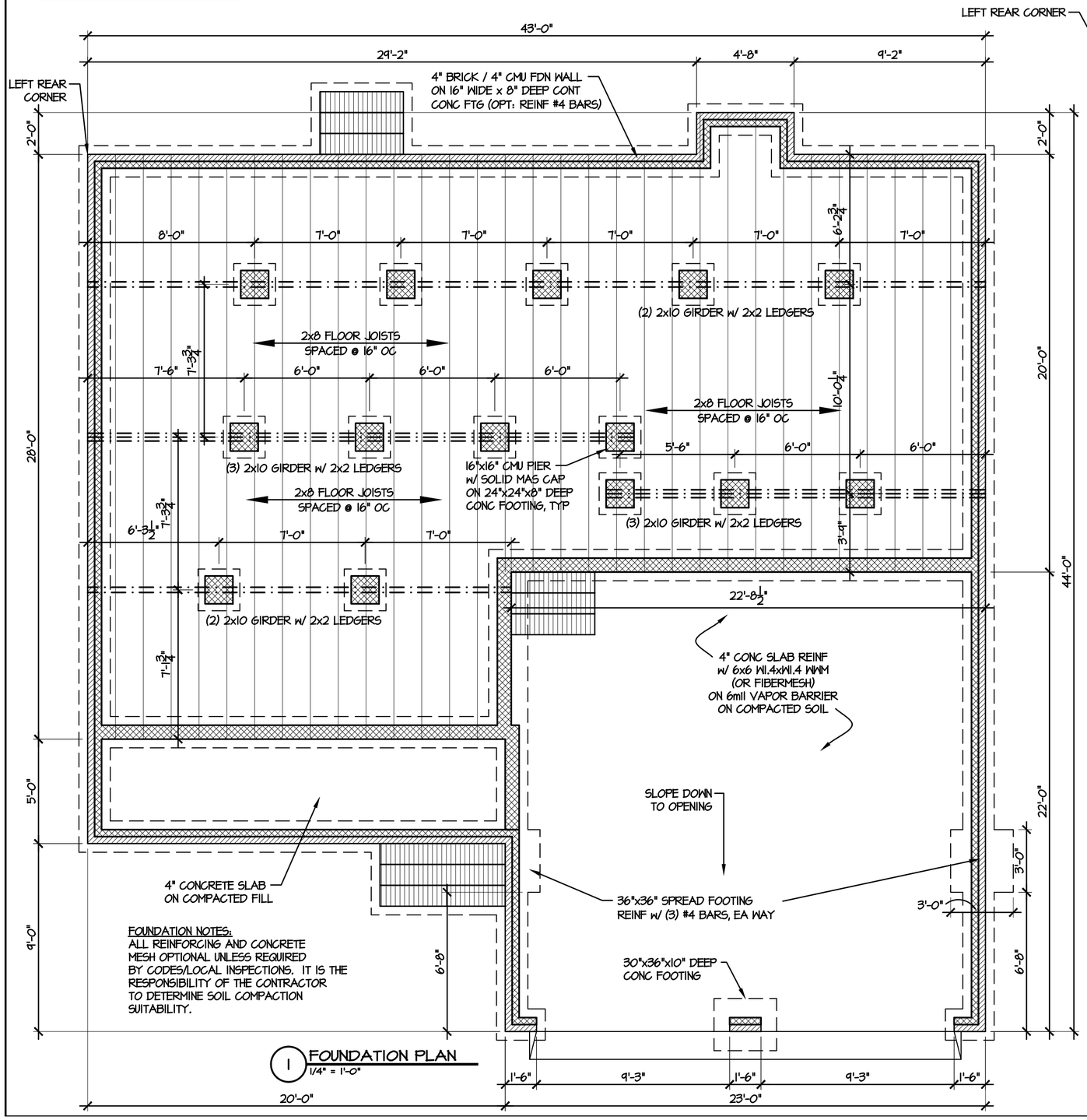
FOUNDATION PLAN NOTES:

1. DOUBLE JOISTS UNDER ALL PARTITIONS
2. SILL TO BE P.T. WOOD 2x6
3. MAINTAIN MIN 12" BELOW GIRDERS & 18" BELOW JOISTS TO GRADE OR AS REQUIRED FOR MECHANICAL EQUIPMENT
4. PROVIDE VAPOR BARRIER AT CRAWL SPACE
5. FOUNDATION VENTS TO BE 8"HT.x16"MD. W/ 50 SQ. IN. MIN. FREE VENT AREA
6. CRAWL SPACE ACCESS TO BE 22"x36" MIN CLEAR OPENING (FIELD LOCATE)
7. GIRDERS TO BE FLUSH FRAMED (SIZE AS NOTED ON PLAN)
8. ANCHOR BOLTS @ 6'-0" O.C. AND 1'-0" FROM EACH CORNER (EMBED 8" MIN. IN SOLID GROUT)
9. GC TO REVIEW TRUSS SHOP DRAWINGS & NOTIFY DESIGNER IF REQUIRED POINT LOAD PIERS OR BEARING WALLS ARE ADDED TO FOUNDATION PLAN
10. FRAMING SPANS BASED ON #2 SPF

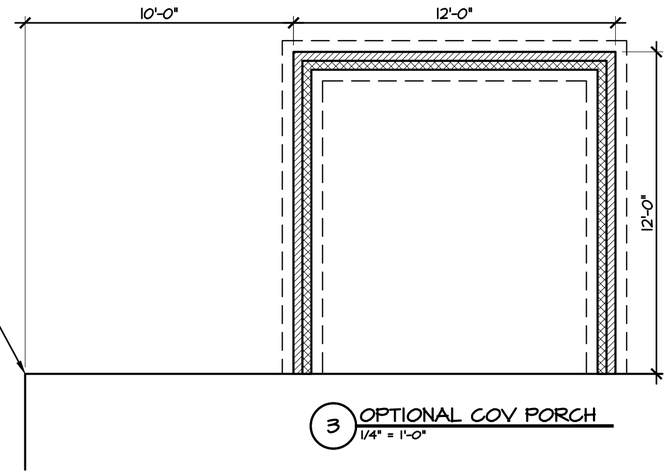
VENTILATION NOTES:

CRAWL SPACE AREA: 851 S.F.
1500 S.F. PER 1 S.F. VENTS = 0.6 S.F.

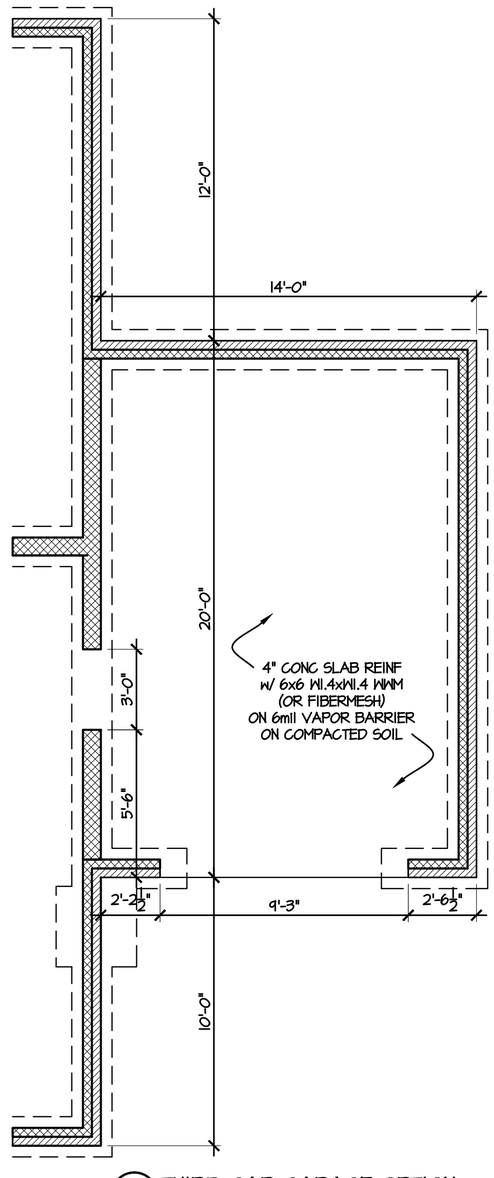
REQUIRED VENTS W/ V.B. + ONE VENT WITHIN 3' OF EA. CORNER= 3 VENT



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



3 OPTIONAL COV PORCH
1/4" = 1'-0"



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

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910-824-1474

PLAN NAME/NUMBER: CL2310-4

SHEET TITLE: FOUNDATION 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.

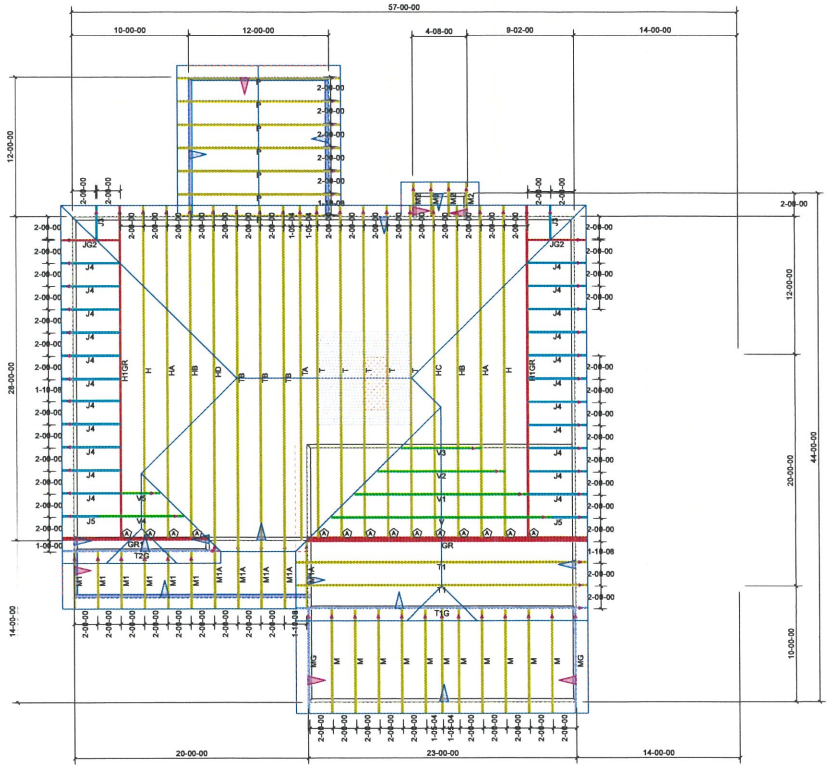
TRUSSES ARE SPACED 24" ON CENTER UNLESS NOTED OTHERWISE.

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



CAVINESS LAND CL-2310
COVERED REAR PORCH
AND THIRD CAR GARAGE
OPTIONS

TRUSS LEFT END = LEFT OR UP
JACKS LEFT END = OUTWARD

Hatch Legend
HVAC
ATTIC POS

Hardware List:

A	14	HUS26

ROOF LOADING:

TOP LIVE: 20 PSF

TOP DEAD: 10 PSF

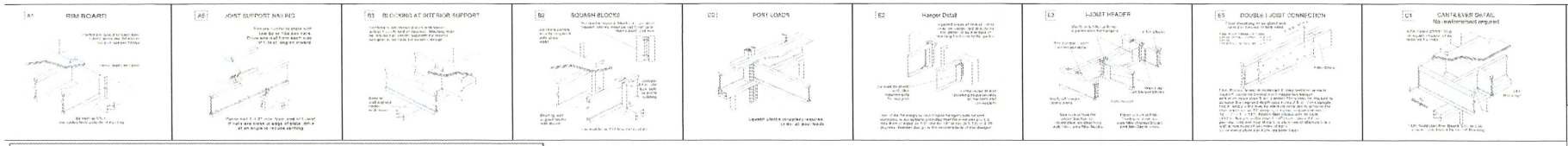
BOTTOM DEAD: 10 PSF

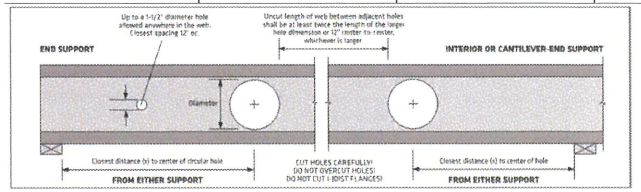
WIND SPEED: 115 MPH

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 — Hole Diameter						Distance from Interior or Cantilever-End Support — 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"

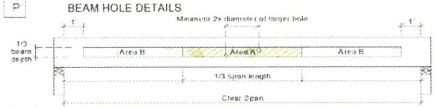
DESIGN ASSUMPTIONS:

1. The hole locations listed above are valid for floor joists supporting only uniform loads. The total uniform load shall not exceed 130 psf (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.

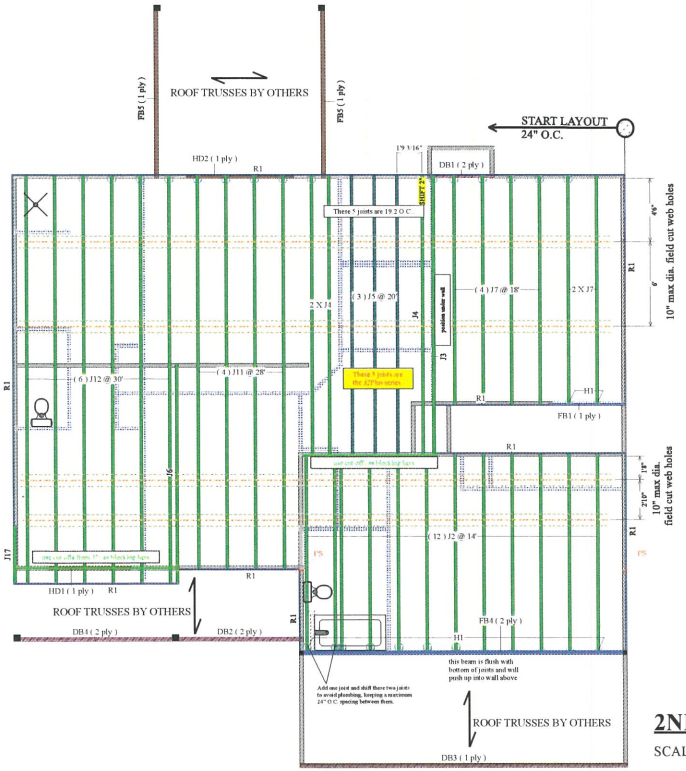
NOTES:

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 greatest 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.

BEAM HOLE DETAILS



NOTES:
1. The guidelines apply to uniformly loaded beams selected from the Quick Reference Tables or the Uniform Load Tables or designed with LP's design/specification software only. For all other applications, such as beams with concentrated loads please contact your LP® SolidStart® Engineered Wood Products distributor for assistance.
2. Round holes can be drilled anywhere in "Area A" provided that no more than four holes are cut, with the minimum spacing described in the diagram. The maximum hole size is 1 1/2" for depths up to 9 1/4", and 2" for depths greater than 9 1/4".
3. Rectangular holes are NOT allowed.
4. DO NOT drill holes in cantilevers without prior approval from the project designer.
5. Other hole sizes and configurations MAY be possible with further engineering analysis. For more information, contact your LP SolidStart Engineered Wood Products distributor.
6. Up to three 3/4" holes may be drilled in "Area B" to accommodate wiring and/or water lines. These holes shall be at least 12" apart. The holes shall be located in the middle third of the depth, or a minimum of 3" from the bottom and top of the beam. For beams shallower than 9-1/4", locate holes at mid-depth.
7. Protect plumbing holes from moisture.



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	40-0-0
H1	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
J5	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
HB5	LP-LSL 1.55E	3.5	9.25			2	14-0-0
HB1	LP-LVL 2900Fb-2.0E	1.75	14			1	6-0-0
HB4	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
DB2	LP[illegible]			1	2	2	12-0-0
DB1	LP[illegible]			1	2	2	10-0-0
FB5	LP[illegible]			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-I-LSL 1.55E 3.5 X 9.25 (Dropped)
- LP-I-LSL 1.55E 3.5 X 11.875 (Dropped)
- LP-LVL 2900Fb-2.0E 1.75 X 14
- LP-I-LVL 2900Fb-2.0E 1.75 X 20
- 1.5 X 9.25 (Dropped)

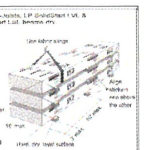
Important Notes: Use/Warning: Failure to follow proper procedures for handling, storage and installation could result in unsatisfactory performance, unsafe structures and possible collapse.

These instructions are offered as a guide in good practice in the handling, storage and installation of LP® SolidStart® I-Joists, LP SolidStart LVL & LP SolidStart LSL beams. They are, however, solely general recommendations and, in some instances, other or additional precautions may be desirable. In all cases, the procedures used should be as specified by the architect/engineer responsible for the entire building.

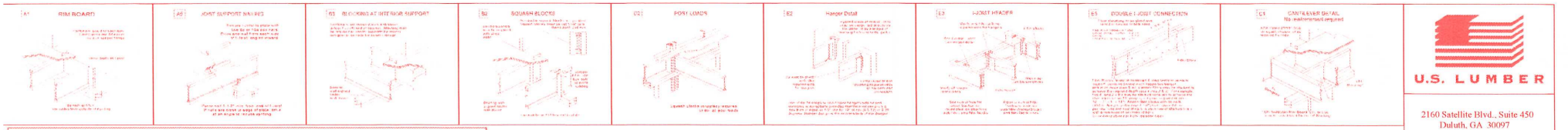
- This is not intended as a manual for selecting products and assumes that components and details have been specified correctly.
- Consult the LP SolidStart I Joist, LP SolidStart LVL & LP SolidStart LSL brochures or contact your LP SolidStart products distributor for assistance.
- All I-Joists, blocking, connections and temporary bracing must be installed before erectors are allowed on the structure.
- No loads other than the weight of the erectors are to be imposed on the structure before it is permanently sheathed.
- After sheathing, do not overload joists with construction materials exceeding design loads.
- LP SolidStart I-Joists, LP SolidStart LVL & LP SolidStart LSL beams must be used under dry, covered and well ventilated interior conditions in which the equivalent moisture content in lumber will not exceed 16%.

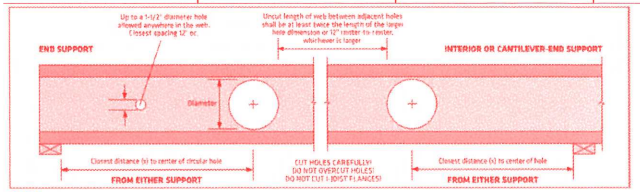
Handling & Storage: Keep LP SolidStart I-Joists, LP SolidStart LVL & LP SolidStart LSL beams dry.

- Unload products carefully by lifting. Support the bundles to reduce excessive bowing. Individual products should be handled in a manner which prevents damage to the ends, edges and surfaces, and/or kinking of the webs. I-Joists should be handled vertically and not flatwise.
- Keep stored in wrapped and strapped bundles stacked no more than 10' high. Support and separate bundles with 2 x 4 (or larger) stickers spaced no more than 10' apart. Keep stickers in line vertically.
- Product must not be stored in contact with the ground, to have adequate ventilation to the weather.
- Use forklifts and cranes carefully to avoid damaging products.
- Do not use visually damaged goods. Call your local LP SolidStart Engineered Wood Products distributor for assistance when damaged products are encountered.



Calculated Structured Designs





TO USE:

1. Select the required rafter joist depth.
2. Determine the support condition for the nearest bearing and 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 — Hole Diameter						Distance from Interior or Cantilever-End Support — 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'-0"	1'-8"	2'-5"	3'-2"	1'-6"	2'-6"	3'-6"	4'-6"	5'-6"	6'-5"
	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"

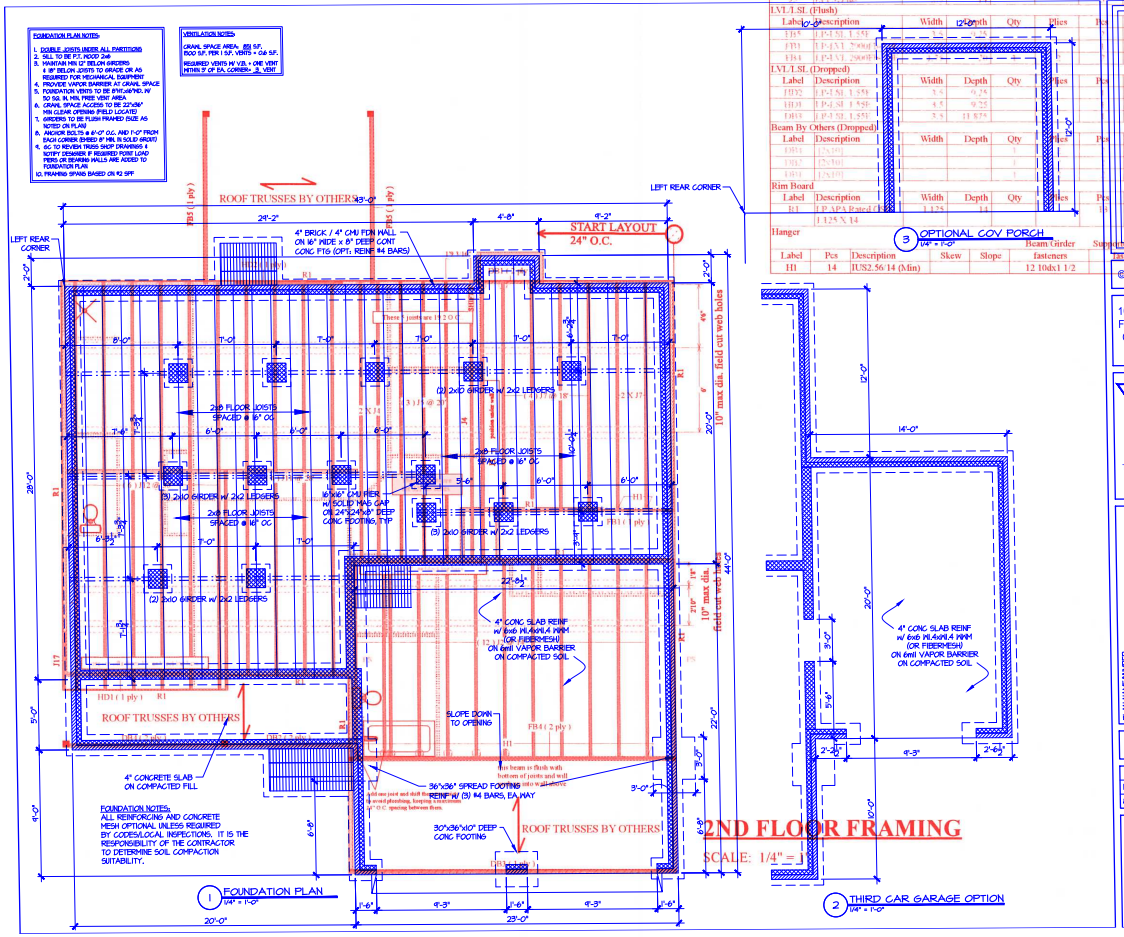
DESIGN ASSUMPTIONS:

1. The hole locations listed above are valid for floor joists supporting only uniform loads. The total uniform load shall not exceed 100 psf (e.g. 40 psf Live Load and 25 psf Dead Load spaced at 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.

NOTES:
1. The guidelines apply to uniformly loaded beams selected from the Quick Reference Tables or the Uniform Load Tables, or designed with LP's design/specification software only. For all other applications, such as beams with concentrated loads, please contact your LP® SolidStart® Engineered Wood Products distributor for assistance.
2. Round holes can be drilled anywhere in "Area A" provided that no more than two holes are cut, with the minimum spacing described in the diagram. The maximum hole size is 1 1/2" for depths up to 9 1/4" and 2" for depths greater than 9 1/4".
3. Rectangular holes are NOT allowed.
4. DO NOT drill holes in cantilevers without prior approval from the project designer.
5. Other hole sizes and configurations MAY be possible with further engineering analysis. For more information, contact your LP SolidStart® Engineered Wood Products distributor.
6. Up to three 3/4" holes may be drilled in "Area B" to accommodate wiring and/or water lines. These holes shall be at least 12" apart. The holes shall be located in the middle third of the depth, on a minimum of 3" from the bottoms and top of the beam. For beams shallower than 9-1/4", locate holes at mid-depth.
7. Protect plumbing holes from moisture.



2nd Floor

I Joist (Flush)

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
J12	LPI 70PIus	3.5	14			6	8'-0-0
H1	LPI 70PIus	3.5	14			4	20'-0-0
J4	LPI 70PIus	3.5	14			1	20'-0-0
J8	LPI 70PIus	3.5	14			1	20'-0-0
J5	LPI 20PIus	2.5	11			6	18'-0-0
J6	LPI 70PIus	3.5	14			1	16'-0-0
J7	LPI 20PIus	2.5	11			12	14'-0-0
J17	LPI 70PIus	3.5	14			1	4'-0-0
J9	LPI 70PIus	3.5	14			1	20'-0-0

LVL T.S.L (Flush)

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
HH5	LP SolidStart LSL 1.55E	3.5	9.25				
HH3	LP SolidStart LSL 1.55E	3.5	14				
HH4	LP SolidStart LSL 2.0E	3.5	14				

LVL T.S.L (Dropped)

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
HH2	LP SolidStart LSL 1.55E	3.5	9.25				
HH1	LP SolidStart LSL 1.55E	4.5	9.25				
HH3	LP SolidStart LSL 1.55E	3.5	11.875				

Beam By Others (Dropped)

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
HH5	LP SolidStart LSL 1.55E	3.5	9.25	1			
HH2	LP SolidStart LSL 1.55E	3.5	9.25	1			
HH1	LP SolidStart LSL 1.55E	4.5	9.25	1			
HH3	LP SolidStart LSL 1.55E	3.5	11.875	1			

Rim Board

Label	Description	Width	Depth	Qty	Plies	Pcs	Length
R1	LP APA Rated OSB 1.125 X 14	1.125	14	1			

Hanger

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

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Cavaness Land Building and Development Company
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Project
CL2310 TP GR CT
Created
October 01, 2014
Layout Name
CL2310 TP GR CT

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

Modified
April 24, 2020

2nd Floor

Design Method	ASD (USA)
Design Code	IBC/IRC 2015
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
Layout	

TODD TUCKER
FORTIFIED-WISE PROFESSIONAL
910-824-1414

PLAN NAME/NUMBER: CL2310-4

SHEET TITLE: FOUNDATION

DATE: NOVEMBER 2012

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

SHEET NO: 3

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 I-LSL 1.55E 3.5 X 9.25
LP I-LSL 1.55E 3.5 X 9.25 (Dropped)
LP I-LSL 1.55E 3.5 X 11.875 (Dropped)
LP I-LVL 2900Fb-2.0E 1.75 X 14
LP I-LVL 2900Fb-2.0E 1.75 X 20
1.5 X 9.25 (Dropped)

Calculated Structured Designs