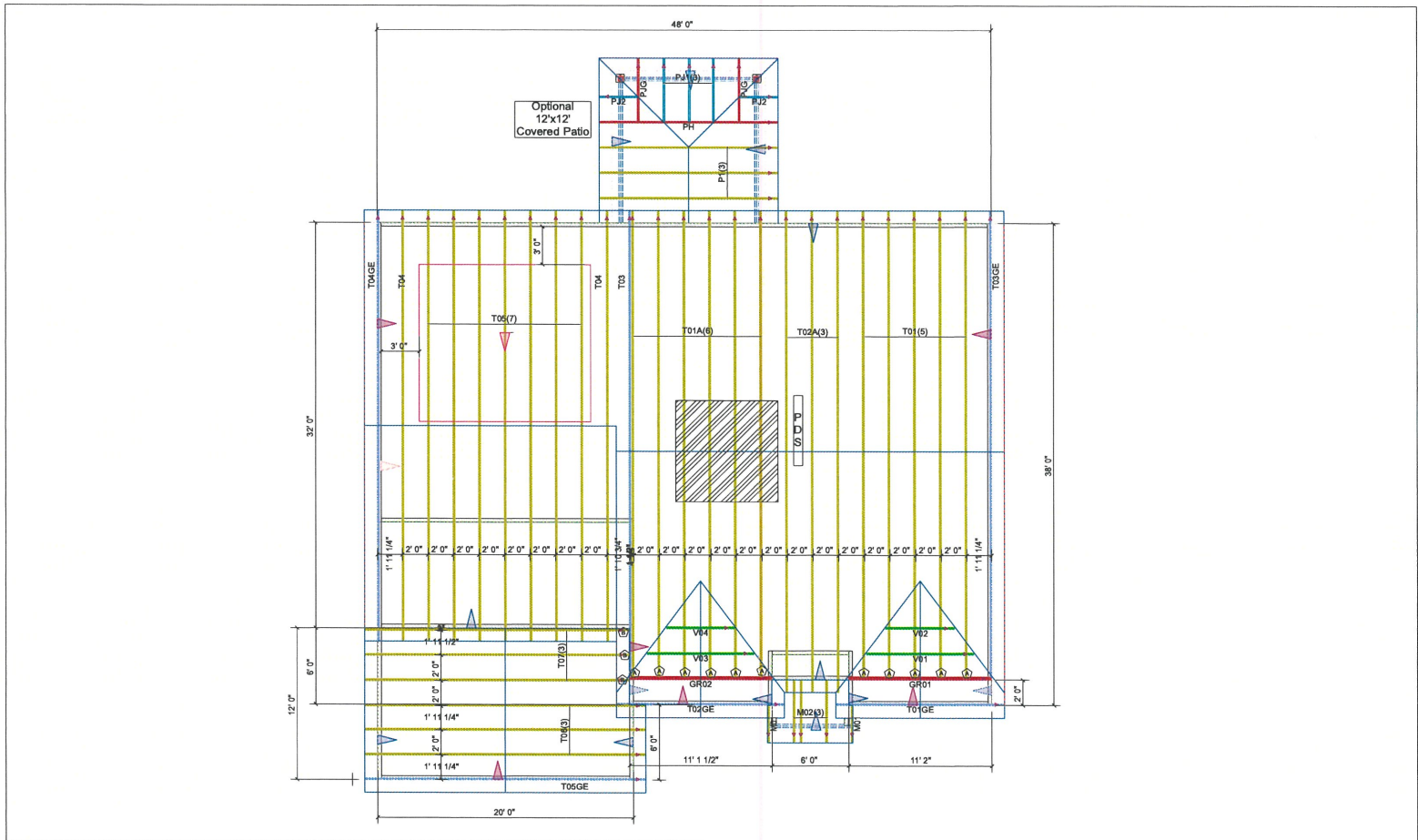


ORDER: Order #

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

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 RECOMMENDS 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.



Hardware List:		
A	11	HUS26
B	3	LUS26
C	-	-
D	-	-
-	-	-
-	-	-
-	-	-

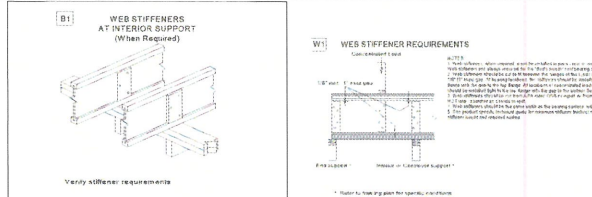
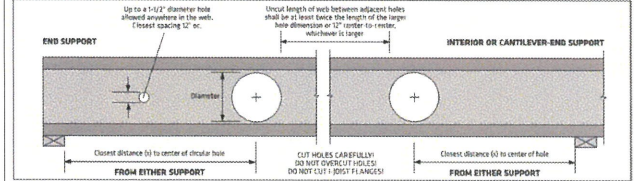
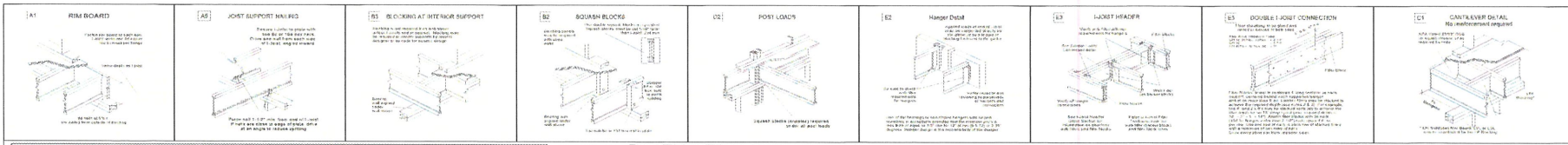
ROOF LOADING:
TOP LIVE: 20 PSF
TOP DEAD: 10 PSF
BOTTOM DEAD: 10 PSF
WIND SPEED: 115 MPH



84 LUMBER COMPONENTS

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

PROJECT:	CL-3145 CP		
CUSTOMER:	Caviness Land		
MODEL:	CL 3145 CP GOL		
SCALE:	NOT TO SCALE	P.O. NUMBER:	ORDER: Order #
DRAWN BY:	RE	PRINT DATE:	Approved
REV:		SHIP DAT	



Series	Depth	Minimum Thickness	Maximum Height	Nail Size*	Nail Qty
LPI 18	9'-1/2"	23/32"	6'-3/8"	8d (2-1/2")	3
LPI 20Plus	11'-7/8"	23/32"	8'-3/4"	8d (2-1/2")	3
LPI 22	14"	23/32"	10'-7/8"	8d (2-1/2")	3
LPI 24	16"	23/32"	12'-7/8"	8d (2-1/2")	3

Label	Description	Width	Depth	Qty	Pieces	Pcs Length
J2	LPI 22Plus	2.5	16		10	23-0-0
J4	LPI 22Plus	2.5	16		13	24-0-0
J3	LPI 22Plus	2.5	16		14	16-0-0
J1	LPI 22Plus	2.5	16		3	14-0-0

Label	Description	Width	Depth	Qty	Pieces	Pcs Length
H1A	LPI-VL 2900H-2-0E	1.75	16	1	4	26-0-0
H1B	LPI-VL 2900H-2-0E	1.75	16	1	2	8-0-0

Label	Description	Width	Depth	Qty	Pieces	Pcs Length
DH1	LPI-VL 1.55E	3.5	9.25	2	12-0-0	
H3	LPI-VL 1.55E	3.5	9.25	1	8-0-0	
H12-B	LPI-VL 1.55E	3.5	9.25	1	6-0-0	
H22-A	LPI-VL 1.55E	3.5	9.25	1	6-0-0	
H21	LPI-VL 1.55E	3.5	11.875	1	20-0-0	

Label	Description	Width	Depth	Qty	Pieces	Pcs Length
L24	[2x12]			1	2	12-0-0
L18	[2x10]			1	2	12-0-0

Label	Description	Width	Depth	Qty	Pieces	Pcs Length
R1	LPI APA Rated OSB 1 1/2 X 16	1.25	16		15	12-0-0
R2	LPI 32 Plus	2.5	16		Varies	34-0-0

Label	Description	Width	Depth	Qty	Pieces	Pcs Length
B1	LPI 32 Plus	2.5	16		Varies	34-0-0

Label	Pcs	Description	Skew	Slope	faterners	Supported Member
H3	3	[US2-56-16 (Max)			16 10d	2 10d x 1/2
H2	15	[US2-56-16 (Min)			14 10d	

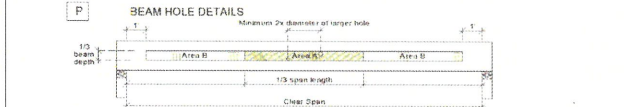
Design Method	ASD (USA)	IBC 2012
Building Code		

Load	Value
Live	40
Dead	10
Deflection Joist	
LI Span L/160	480
LI Span L/240	240
LI Cant 2L/360	360
LI Cant 2L/360	360
Deflection Girder	
LI Span L/160	360
LI Span L/240	240
LI Cant 2L/360	360
LI Cant 2L/360	360
Decking	
OSB	23/32 APA Rated Shear
Nailed & Glued	

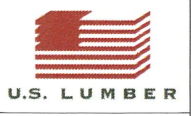
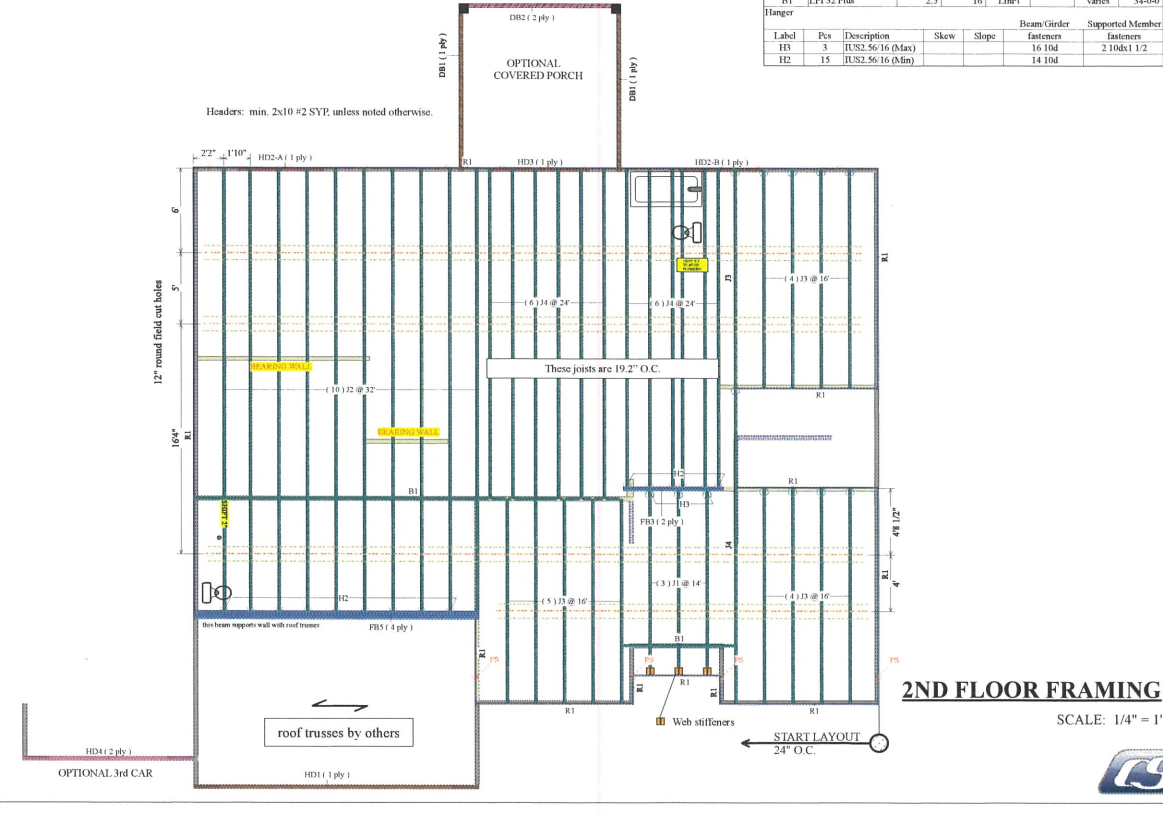
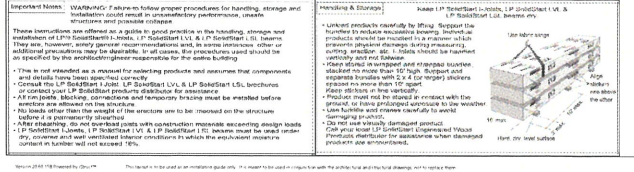
- TO USE:**
- Select the required series and depth.
 - Determine the support condition for the nearest bearing and support or interior support (including cantilever and supports).
 - Select the row corresponding to the required Clear Span. For spans between those listed, use the next largest value.
 - Select the column corresponding to the required hole diameter. For diameters between those listed, use the next largest value.
 - The intersection of the Clear Span and hole diameter column gives the maximum distance from the inside face of bearing to the center of a circular hole.
 - 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									
		2"	4"	6"	8"	10"	12"	2"	4"	6"	8"	10"	12"								
14"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	2'-2"	-	1'-0"	1'-0"	1'-5"	2'-2"	3'-9"	-	-	-	-	-	-	-	-	
	1'-6"	1'-0"	1'-0"	1'-2"	3'-1"	4'-6"	-	1'-8"	2'-10"	3'-11"	5'-1"	6'-3"	-	-	-	-	-	-	-	-	
	2'-0"	1'-5"	2'-9"	4'-1"	5'-6"	7'-0"	-	4'-2"	5'-4"	6'-5"	7'-7"	8'-9"	-	-	-	-	-	-	-	-	
16"	1'-0"	1'-0"	1'-0"	1'-4"	2'-5"	3'-7"	4'-11"	1'-6"	2'-6"	3'-6"	4'-6"	5'-6"	6'-6"	-	-	-	-	-	-	-	
	1'-6"	1'-0"	1'-0"	1'-4"	2'-5"	3'-7"	4'-11"	1'-6"	2'-6"	3'-6"	4'-6"	5'-6"	6'-6"	7'-6"	8'-6"	9'-6"	10'-6"	11'-6"	-	-	
	2'-0"	3'-5"	4'-8"	5'-11"	7'-2"	8'-5"	10'-1"	6'-6"	7'-6"	8'-6"	9'-6"	10'-6"	11'-6"	-	-	-	-	-	-	-	

- DESIGN ASSUMPTIONS:**
- The hole location is fixed above and 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" o.c.).
 - Hole location is measured from the inside face of bearing to the center of a circular hole from the joist support.
 - Clear Span has not been verified for shear stress and is shown for informational purposes only. Verify that the joist selected will work for the span and loading conditions needed before choosing hole location.
 - The maximum hole depth for circular holes is the joist depth less 4" except the maximum hole depth is 5" for 9'-1/2" LPI joists, and 6" for 11'-7/8" LPI joists.
 - Holes cannot be located in the span where designated "X" without further analysis by a design professional.
- NOTES:**
- Holes may be placed anywhere within the depth of the joist. A maximum 1/8" clear distance is required between the hole and the flanges.
 - Round holes up to 1 1/2" diameter may be placed anywhere in the web.
 - Perforated "squares" may be neglected when installing web holes.
 - Holes larger than 1 1/2" are not permitted in cantilevers without special engineering.
 - Multiple holes that have a clear separation along the length of the joist at least twice the length of the larger diameter hole, or a minimum of 33" center-to-center, whichever is greater.
 - Multiple holes may be spaced closer together if they fit within the boundary of an acceptable larger hole. Examples: two 1" round holes aligned parallel to the joist length may be spaced 2" apart (clear separation) provided that a 3" high by 3" long rectangle or an 8" diameter round hole are acceptable for the joist depth at that location and completely enclose the holes.
 - For conditions not covered in this table, use LPI's design software or contact your local LPI distributor/Engineered Wood Products distributor for more information.



- NOTES:**
- These guidelines apply to uniformly loaded beams selected from the Quick Reference Tables or the Uniform Load Tables or designed with LPI's design specifications software only. For all other applications, such as beams with concentrated loads, please contact your LPI distributor/Engineered Wood Products distributor for assistance.
 - 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 3'-14" and 2" for depths greater than 3'-14".
 - The tongue holes are not allowed.
 - Do not drill still holes in cantilevers without prior approval from the project designer.
 - Other hole sizes and configurations MAY be possible with further engineering analysis. For more information, contact your LPI distributor/Engineered Wood Products distributor.
 - Up to three 3/4" holes may be drilled in "Area B" to accommodate wiring under walkways. These holes shall be at least 1/2" apart. The holes shall be located in the middle third of the depth, or a minimum of 2" from the end and top of the beam. For beams shallower than 9.14", locate holes at mid-depth.
 - Prevent splintering holes from moisture.



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



Dealer
84 Lumber-Fayetteville #2307
Dealer Address
620 Bell Road
Fayetteville, NC 28301
(910) 867-9185
Project
CL3145-GL-CP
Created
February 18, 2016
Layout Name
CL3145-GL-CP
Description
Cowiness Land
CL3145-GL-CP
Designer
Kyle Miltzer
Revised
August 25, 2020

Legend	Point Load Support
[Symbol]	Point Load Support
[Symbol]	Load from Above
[Symbol]	2x4 Est Wall
[Symbol]	2x4 Bng Wall
[Symbol]	2x4 Non-Bng Wall
[Symbol]	2x6 Bng Wall
[Symbol]	3.5\" Est Wall
[Symbol]	LPI APA Rated OSB 1.125 X 16
[Symbol]	LPI 32Plus 16
[Symbol]	LPI-VL 1.55E 3.5 X 9.25
[Symbol]	(Dropped)
[Symbol]	LPI-VL 1.55E 3.5 X 11.875
[Symbol]	(Dropped)
[Symbol]	LPI-VL 2900H-2-0E 1.75 X 16
[Symbol]	1.5 X 9.25 (Dropped)

2ND FLOOR FRAMING
SCALE: 1/4" = 1'

