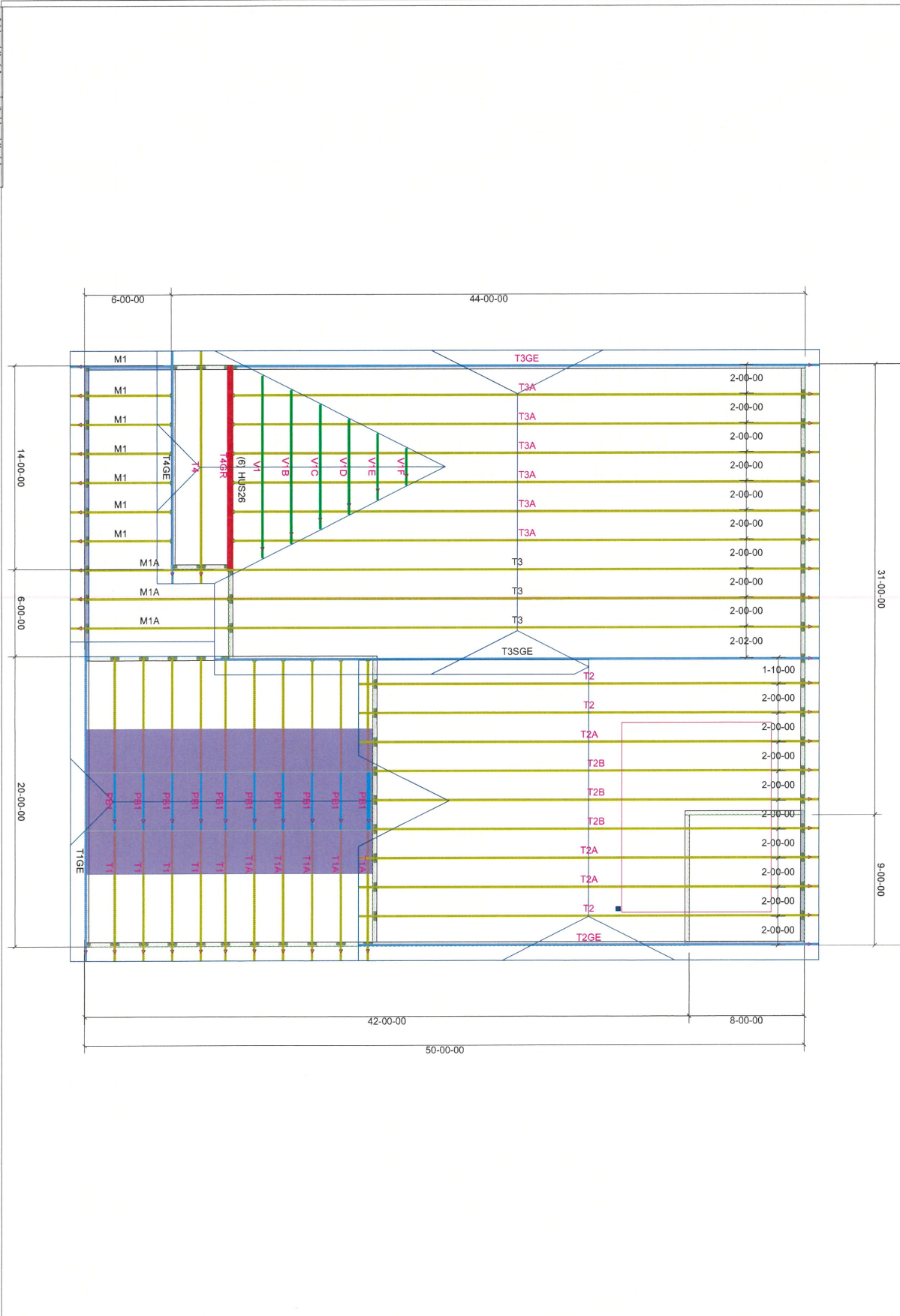


THIS LAYOUT IS INTENDED FOR THE PURPOSE OF TRUSS LOCATION AND PLACEMENT ONLY. REFER TO THE BUILDING PLANS FOR ACTUAL BUILDING CONSTRUCTION.



**GENERAL NOTES:**

- DO NOT CUT OR MODIFY TRUSSES
- TRUSSES ARE SPACED 24" ON CENTER UNLESS OTHERWISE NOTED
- 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.

TOP LIVE LOAD: 20.0 lb/ft <sup>2</sup>	WIND SPEED: 115 mph
TOP DEAD LOAD: 10.0 lb/ft <sup>2</sup>	
BOTTOM DEAD LOAD: 10.0 lb/ft <sup>2</sup>	

PROJECT: Caviness Land New CL 3067			
CUSTOMER: Caviness Land Development			
MODEL: New CL-3067			
QUOTE #: 1800483	PRINT DATE: 2/28/2018	DRAWN BY: Rodney Evans	SCALE: N.T.S

DEDICATED TO QUALITY AND EXCELLENCE  
 200 EMMETT ROAD  
 DUNN, NORTH CAROLINA 28334  
 PHONE: 919.952.9400



Top Level Roof Area 79,536  
 Joint Level Roof Area 181,179

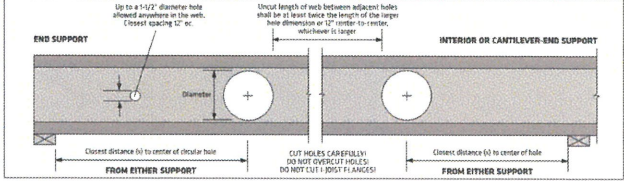
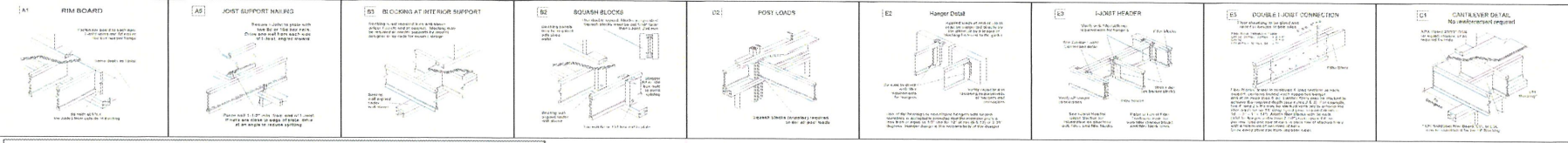


2160 Satellite Blvd., Suite 450  
Duluth, GA 30097  
888-613-5078



Designer  
41 Lumber-Fayetteville #2307  
Dealer Address  
620 Bell Road  
Fayetteville, NC 28301  
(910) 867-9185

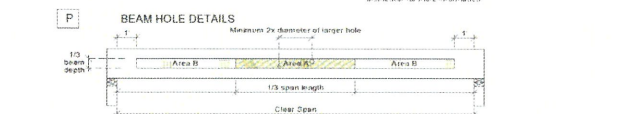
Project	Design Method	Building Code
CL3067A.GL	ASD (USA)	IRC 2012
Created	May 11, 2015	
Layout Name	CL3067A.GL	
Description	Caviness Land	
Designer	Kyle Miltzer	
Revised	April 27, 2020	
2nd Flr		
Floor		
Loads		
Live	40	
Dead	10	
Deflection Joist		
L1_Span L/	480	
TL_Span L/	240	
L1_Cant 2L/	360	
TL_Cant 2L/	360	
Deflection Girder		
L1_Span L/	360	
TL_Span L/	240	
L1_Cant 2L/	360	
TL_Cant 2L/	360	
Decking		
OSB		
	23/32 APA Rated Sturd.	14-Inch
Fastener		
	Nailed & Glued	
Speed		
	2nd Non-Byg Wall	
	3.5" Non-Byg Wall	
	5.5" Non-Byg Wall	
	Wall	
	Partition Wall (Non-Load-Bearing)	
	Wall Opening	
	LP APA Rated OSB 1.125 X 14	
	LP# 20Pus 14	
	LP# 32Pus 14	
	LP#-L1, 1.5SE 3.5 X 11.875	
	(Dropped)	
	LP#-L1, 1.5SE 3.5 X 14	
	1.5 X 9.25 (Dropped)	



- TO USE:**
- Select the required joist and depth.
  - Determine the required bearing and support or interior support (including cantilever end support).
  - Select the max 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 row and Hole Diameter column gives the maximum distance from the center of a circular hole to the center of the other support, using the appropriate support condition.
  - 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"	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'-5"	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"	6'-6"
	22'	1'-0"	2'-5"	3'-6"	4'-6"	6'-1"	-	4'-6"	5'-8"	7'-9"	8'-9"	9'-11"	
	26'	3'-6"	4'-8"	5'-11"	7'-2"	8'-7"	-	6'-6"	7'-6"	8'-6"	9'-6"	10'-6"	
	30'	5'-9"	7'-0"	8'-4"	9'-9"	11'-3"	-	9'-0"	10'-0"	11'-0"	12'-0"	13'-2"	14'-8"

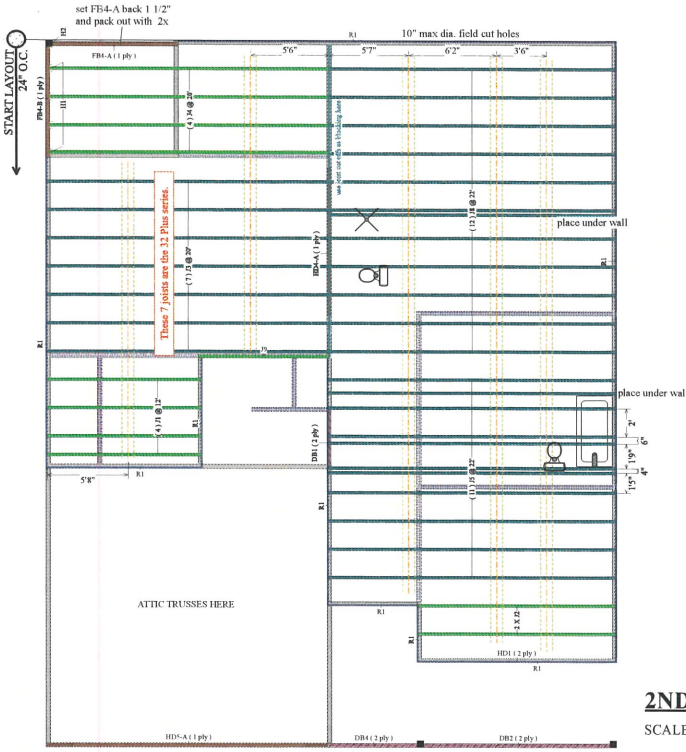
- DESIGN ASSUMPTIONS:**
- The hole locations listed above are valid for floor joists supporting only uniform loads. The total uniform load shall not exceed 130 psf (e.g. 40 psf Live Load and 90 psf Dead Load spaced 24" on center).
  - Hole locations are measured from the outside face of bearing to the center of a circular hole, from the closest support.
  - 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 from existing hole locations.
  - The maximum hole depth for circular holes is the joist depth less 4" except the maximum hole depth is 5" for 8-1/2" LP joists, and 8" for 11-1/2" LP 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 1/4" clear distance is required between the hole and the flanges.
  - Rounded holes up to 1-1/2" diameter may be placed anywhere in the end.
  - Pre-fabricated "sleeve-outs" may be neglected when spanning over 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 of at least twice the length of the larger diameter hole, or a minimum of 12" end-to-end, will be permitted.
  - Multiple holes may be spaced closer provided they fit within the topology of an acceptable single hole. Example: two 1" round holes aligned results to the joist length may be spaced 2" apart (clear distance) provided that a 3" high by 8" long rectangle of 1/2" diameter round hole use acceptable for the joist depth at that location and completely encloses the hole.
  - For conditions not covered in this table, use LPS design software or contact your local LPS Sales/Engineer/Design/Products Specialist for more information.

**Important Notes:** WAIVER OF WARRANTY: Failure to follow proper procedures for handling, storage and installation could result in unsatisfactory performance, damage and/or injury to property and persons.

**Handling & Storage:** Areas 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.



## 2ND FLOOR FRAMING

SCALE: 1/4" = 1'



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