

GENERAL NOTES:

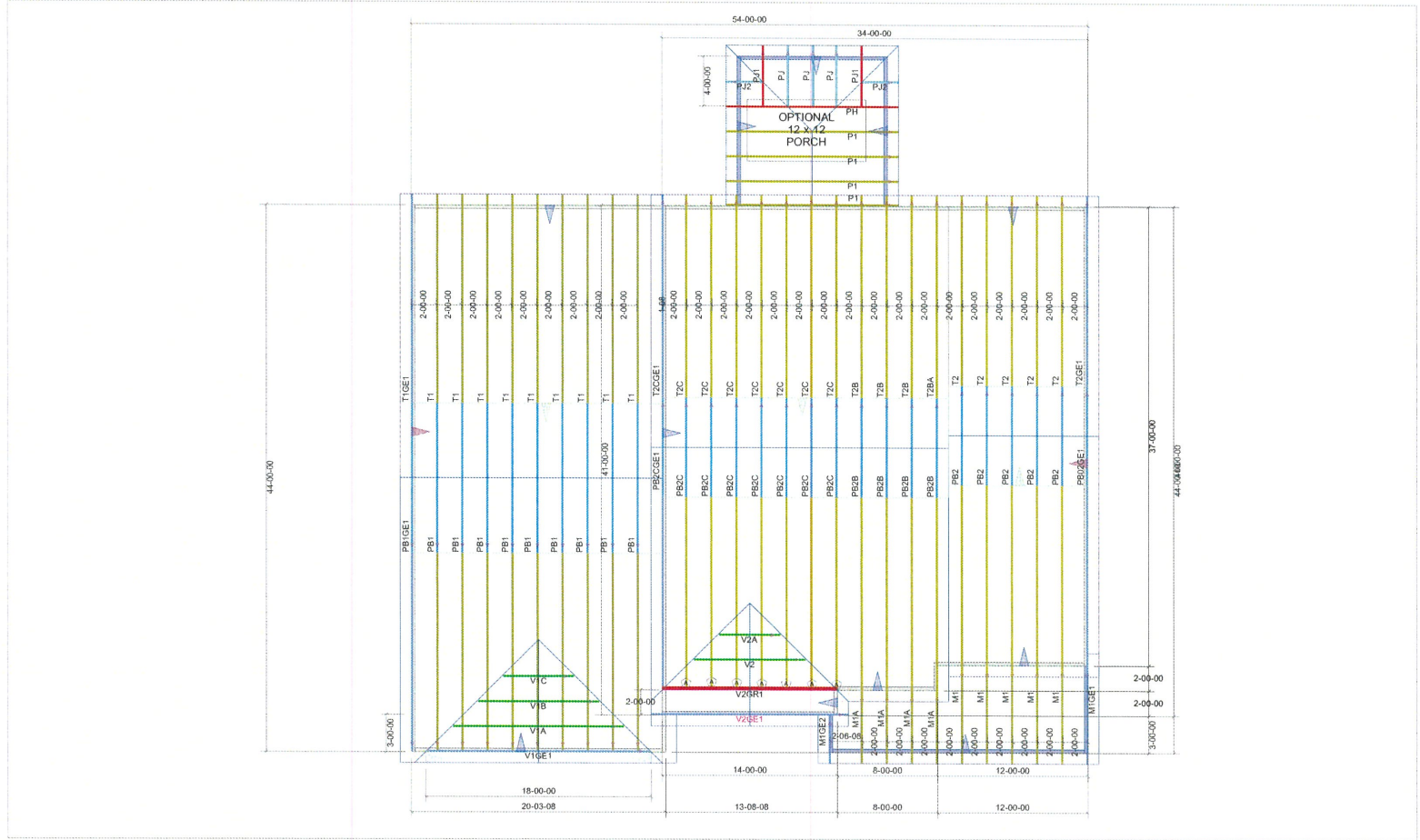
DO NOT CUT OR MODIFY TRUSSES.
TRUSSES ARE SPACED 24" ON CENTER UNLESS NOTED OTHERWISE.

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

PER ANSI TP1 3-2002 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.

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

ORDER # **Order #**



Hardware List:

A	7	HUS26
B	-	HUS28-2
C	-	#####
D	-	#####
-	-	H2.5A
-	-	TBE4
-	-	SUPER ANCHOR

ROOF LOADING:

TOP LIVE: 20 PSF

TOP DEAD: 10 PSF

BOTTOM DEAD: 10 PSF

WIND SPEED: 115 MPH



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

PROJECT:

CUSTOMER: **CAVINNESS LAND DEVELOPMENT**

MODEL:

CL 2977 W CP GOL

SCALE:

NOT TO SCALE

P.O. NUMBER:

PO #

ORDER # **Order #**

DRAWN BY:

User design approval

PRINT DATE:

REV:

datetime

SHIP DATE:

Schd Delivery



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



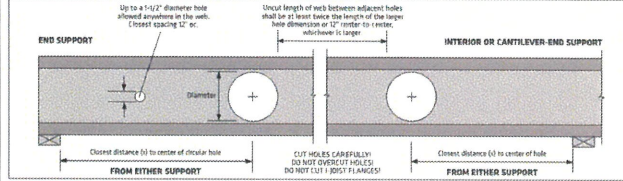
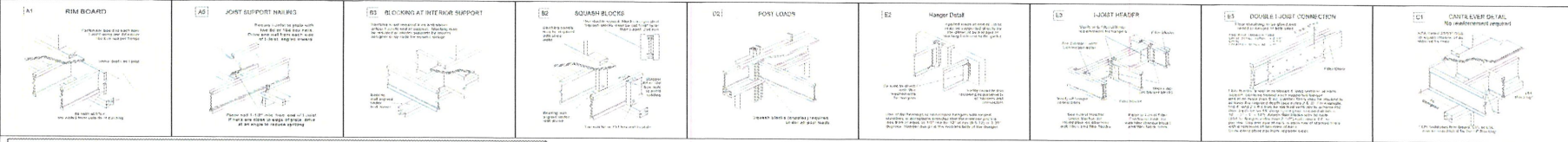
Dealer
84 Lumber-Fayetteville #207
Dealer Address
620 Bell Road
Fayetteville, NC 28301
(910) 867-9185

Project
CL 2977 GL CP
Created
March 24, 2016
Layout Name
CL 2977 GL CP
Description
Cravens Land
CL 2977 GL CP
Designer
Kyle Abriter
Revised
February 18, 2020

2nd Floor Design Method ASD (USA)
Building Code IRC 2012

Floor	Loads	Deflection Joint
Live	40	
Dead	10	
II. Span L/	480	
II. Span L/	240	
II. Cant 2L/	360	
II. Cant 2L/	360	
Deflection Girder	360	
II. Span L/	360	
II. Span L/	240	
II. Cant 2L/	360	
II. Cant 2L/	360	

Decking OSB
23/32 APA Rated Sturd-I-Floor
Fastener Nailed & Glued



TO USE:

- Select the required series and depth.
- Determine the support condition for the nearest bearing or support or interior support (including cantilever end 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 row and Hole Diameter column gives the minimum 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.

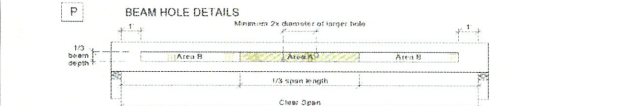
Depth	Clear Span (ft)	Distance from End Support Hole Diameter						Distance from Interior or Cantilever-End Support Hole Diameter						
		2"	4"	6"	8"	10"	12"	2"	4"	6"	8"	10"	12"	
14"	14'	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	2'-2"	-	1'-0"	1'-0"	1'-5"	2'-2"	3'-9"	-
	18'	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	4'-6"	-	1'-8"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

- The hole locations listed above are valid for floor joists supporting only uniform loads. The total uniform load shall not exceed 150 psf (e.g. 40 psf Live Load and 75 psf Dead Load spaced 24" on center).
- Hole location is measured from the inside face of bearing to the center of a circular hole, from the interior 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 before reworking hole location.
- The maximum hole depth for circular holes is the joist depth less 4". Except the maximum hole depth is 5" for 8-1/2" LPS joists, and 6" for 11-7/8" LPS 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 minimum 1/4" clear distance is required between the hole and the flanges.
- Round holes up to 1 1/2" diameter may be placed anywhere in the joist.
- Perforated "spacers" may be installed when joining two joists.
- Holes larger than 1 1/2" are not permitted in joists unless special engineering is provided.
- Multiple holes shall 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 3" center-to-center, whichever is greater.
- 3x3 gable joists may be spaced closer provided they fit within the boundary of an acceptable single hole. Example: two 3" round holes spaced 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 pair, such as that location and completely encloses the holes.
- For conditions not covered in this table, use LPS design software or contact your local LPS 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 developed with LPS design specification software only. For all other applications, such as beams with concentrated loads, please contact your LPS distributor/Engineered Wood Products distributor for assistance.
- Round holes can be placed 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".
- Rectangular holes are not allowed.
- DO NOT drill 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 LPS distributor/Engineered Wood Products distributor.
- Up to three 2 1/4" holes may be drilled in "Area B" to accommodate wiring and/or water lines. These holes shall be at least 12" apart. These holes shall be located in the outside third of the depth, or a minimum of 2" from the bottom and top of the beam, if or between shoulder than 9 1/4" inside holes at mid-depth.
- Protect existing holes from moisture.

Support Notes: Verify that joists are being properly connected for handling, storage and installation. Joist end connections should be made in accordance with applicable performance criteria.

Handling & Storage: Lumber should be stored in a dry, well-ventilated area. Lumber should be stored in a way that allows for air circulation around the lumber. Lumber should be stored in a way that prevents warping, twisting, or other damage. Lumber should be stored in a way that prevents mold, mildew, or other fungal growth. Lumber should be stored in a way that prevents insect infestation. Lumber should be stored in a way that prevents other damage.



2ND FLOOR FRAMING

SCALE: 1/4" = 1'

