

NOTICE TO CONTRACTOR  
 All construction shall comply with current NC Building Codes  
 and all related codes, regulations and ordinances.

APPROVED  
 Harnett County  
 NORTH CAROLINA

00482020



FRONT ELEVATION  
 SCALE 1/8" = 1'-0"



REAR ELEVATION  
 SCALE 1/8" = 1'-0"

NOTE: 9'-0" CEILINGS AT  
 FIRST FLOOR ONLY

FLASH ALL VALLEYS (TYP.)

General Notes

- 1.) MAIN FLOOR PLATE HEIGHT TO BE 8'-0" UNLESS NOTED OTHERWISE.
- 2.) OPTIONAL BONUS PLATE HEIGHT TO BE 8'-0" UNLESS NOTED OTHERWISE.
- 3.) INTERIOR & EXTERIOR WALLS TO BE DRAWN @ 3/16" UNLESS NOTED OTHERWISE.
- 4.) ALL ANGLES TO BE DRAWN AT 45° OR 90° UNLESS NOTED OTHERWISE.
- 5.) WINDOW HEADER HEIGHT TO BE SET @ 6'-11" UNLESS NOTED OTHERWISE. HEADER SIZE AND MATERIAL TO BE DETERMINED & VERIFIED BY FRAMER, BUILDER, TRUSS SHOP OR BY A LICENSED ENGINEER.
- 6.) SIZE, LOCATION AND MATERIALS OF BEAMS, TRUSSES, GIRDERS AND HEADERS TO BE DETERMINED & VERIFIED BY BUILDER, FRAMER, TRUSS SHOP OR LICENSED ENGINEER.
- 7.) FOOTER SIZE, MATERIAL & LOCATIONS TO BE VERIFIED AND DETERMINED BY BUILDER, FOOTER CONTRACTOR OR LICENSED ENGINEER.
- 8.) ROOF VENTILLATION TO BE DETERMINED & VERIFIED BY BUILDER, ROOFING CONTRACTOR OR LICENSED ENGINEER.
- 9.) ALL MECHANICAL SYSTEMS DESIGNS, LOCATIONS AND SIZING TO BE DETERMINED & VERIFIED BY BUILDER, APPROPRIATE TRADE CONTRACTOR AND OR LICENSED ENGINEER.
- 10.) BUILDER RESPONSIBLE FOR VERIFYING AND COMPLYING WITH ALL LOCAL, STATE & NATIONAL CODES.
- 11.) LOCAL, STATE AND NATIONAL CODES TAKE PRECEDENCE OVER DRAWINGS.
- 12.) BUILDER TO VERIFY ALL DIMENSIONS.

SQUARE FOOT KEY

FIRST FLOOR TO FRAMING	1784
SECOND FLOOR TO FRAMING	1193
HEATED & COOLED	2977
COVERED FRONT PORCH	126
GARAGE AREA	426
TOTAL UNDER BEAM AREA	3529
OPTIONAL COVERED REAR PATIO	144

Front & Rear Elevation



X

SUBDIVISION NAME:  
 X

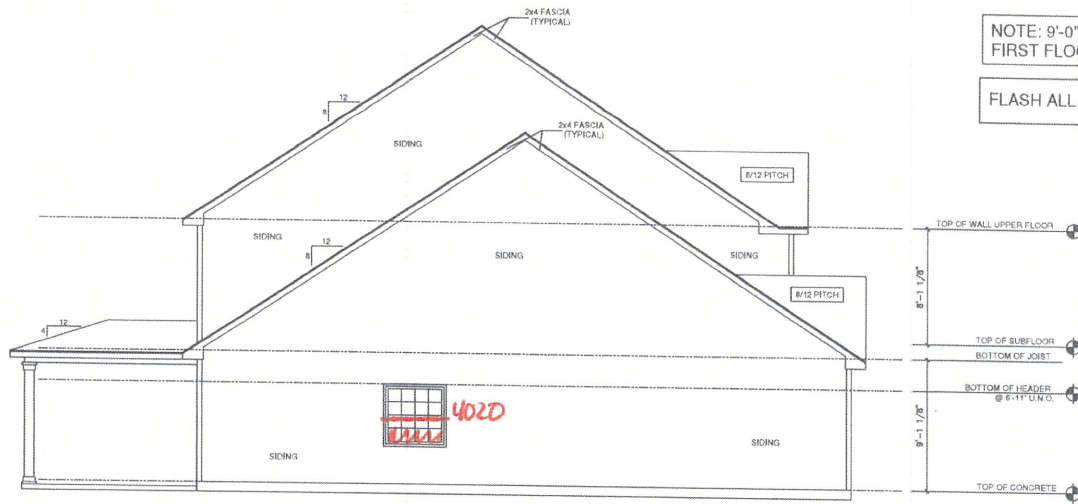
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PHASE:  
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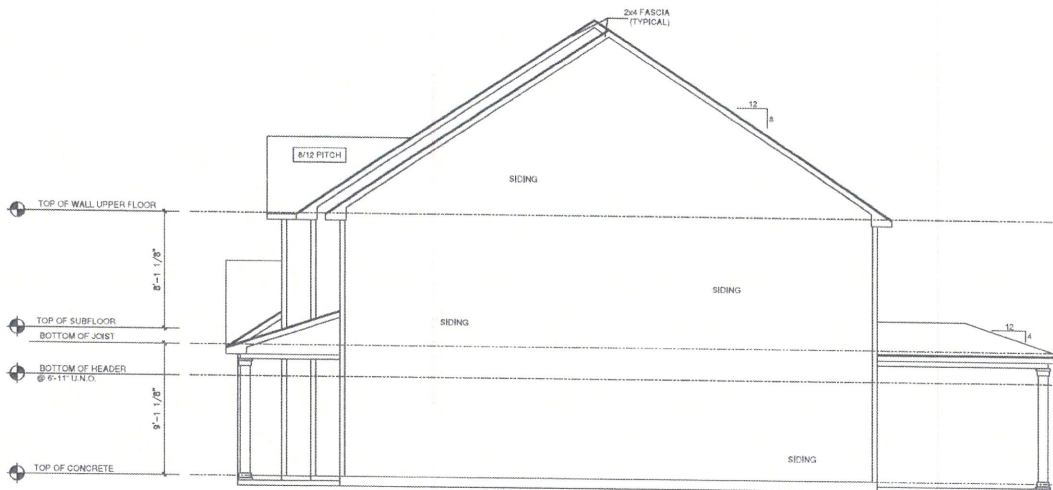
BLOCK:  
 X

LOT:  
 X

PLAN INDEX  
 CL 2977



LEFT ELEVATION  
SCALE 1/8" = 1'-0"



RIGHT ELEVATION  
SCALE 1/8" = 1'-0"

NOTE: 9'-0" CEILINGS AT FIRST FLOOR ONLY

FLASH ALL VALLEYS (TYP.)

General Notes

- 1.) MAIN FLOOR PLATE HEIGHT TO BE 8'-0" UNLESS NOTED OTHERWISE.
- 2.) OPTIONAL BONUS PLATE HEIGHT TO BE 8'-0" UNLESS NOTED OTHERWISE.
- 3.) INTERIOR & EXTERIOR WALLS TO BE DRAWN @ 3/12" UNLESS NOTED OTHERWISE.
- 4.) ALL ANGLES TO BE DRAWN AT 45° OR 90° UNLESS NOTED OTHERWISE.
- 5.) WINDOW HEADER HEIGHT TO BE SET @ 6'-11" UNLESS NOTED OTHERWISE. HEADER SIZE AND MATERIAL TO BE DETERMINED & VERIFIED BY FRAMER, BUILDER, TRUSS SHOP OR BY A LICENSED ENGINEER.
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Right & Left Elevation



X

SUBDIVISION NAME:  
X

CITY:  
X

PHASE:  
X

BLOCK:  
X

LOT:  
X

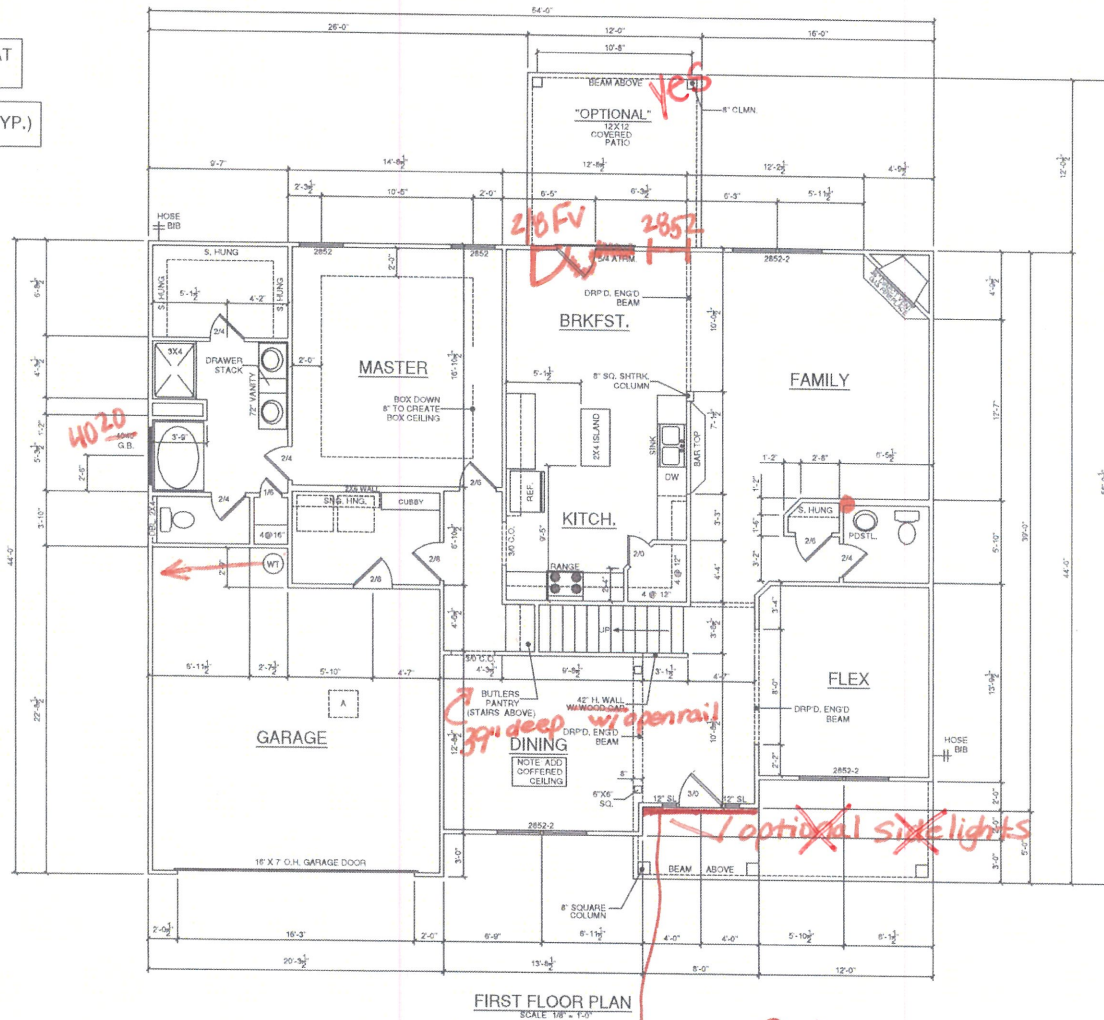
PLAN INDEX  
CL 2977

● Plumbing drop

NOTE: OPT. KITCHEN ISLAND REQUIRES CONDUIT UNDER SLAB PRIOR TO FOUNDATION POUR

NOTE: 9'-0" CEILINGS AT FIRST FLOOR ONLY

FLASH ALL VALLEYS (TYP.)



Make 2x6 Balloon Frame Wall

General Notes

- 1.) MAIN FLOOR PLATE HEIGHT TO BE 9'-0" UNLESS NOTED OTHERWISE.
- 2.) OPTIONAL BONUS PLATE HEIGHT TO BE 4'-0" UNLESS NOTED OTHERWISE.
- 3.) INTERIOR & EXTERIOR WALLS TO BE DRAWN @ 3/12" UNLESS NOTED OTHERWISE.
- 4.) ALL ANGLES TO BE DRAWN AT 45° OR 90° UNLESS NOTED OTHERWISE.
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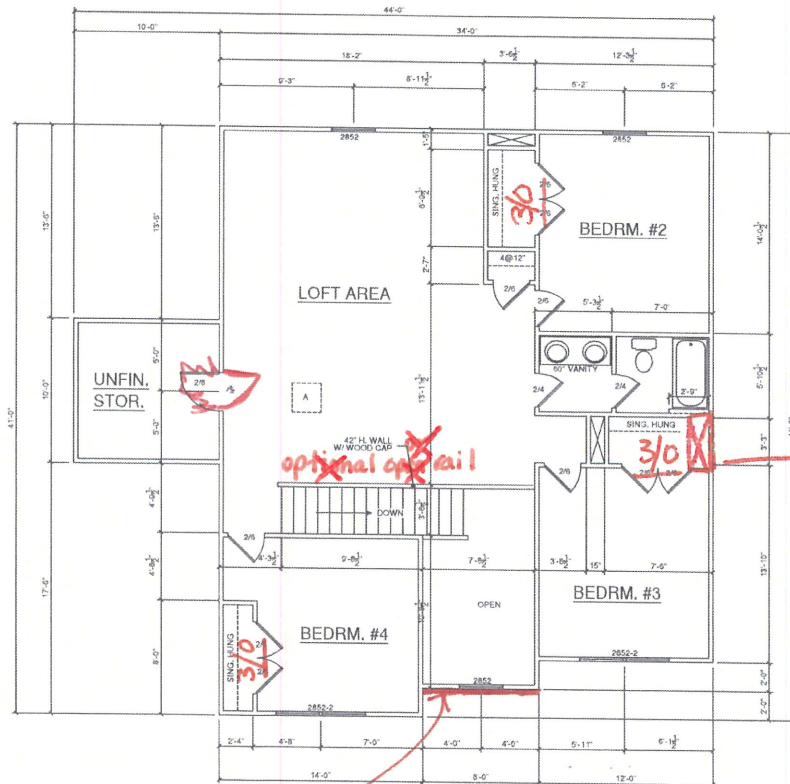
FIRST FLOOR TO FRAMING	1784
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OPTIONAL COVERED REAR PATIO	144

First Floor Plan



X
SUBDIVISION NAME: X
CITY: X
PHASE: X
BLOCK: X
LOT: X

PLAN INDEX CL 2977
-----------------------



SECOND FLOOR PLAN  
SCALE 1/8" = 1'-0"

make 2x6 wall  
Balloon Frame

General Notes

- 1.) MAIN FLOOR PLATE HEIGHT TO BE 9'-0" UNLESS NOTED OTHERWISE.
- 2.) OPTIONAL BONUS PLATE HEIGHT TO BE 8'-0" UNLESS NOTED OTHERWISE.
- 3.) INTERIOR & EXTERIOR WALLS TO BE DRAWN @ 3/16" UNLESS NOTED OTHERWISE.
- 4.) ALL ANGLES TO BE DRAWN AT 45° OR 90° UNLESS NOTED OTHERWISE.
- 5.) WINDOW HEADERS HEIGHT TO BE SET @ 6'-11" UNLESS NOTED OTHERWISE. HEADER SIZE AND MATERIAL TO BE DETERMINED & VERIFIED BY FRAMER, BUILDER, TRUSS SHOP OR BY A LICENSED ENGINEER.
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OPTIONAL COVERED REAR PATIO	144

Second Floor



X

SUBDIVISION NAME:

X

CITY:

X

PHASE:

X

BLOCK:

X

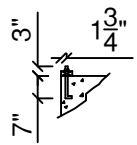
LOT:

X

PLAN INDEX

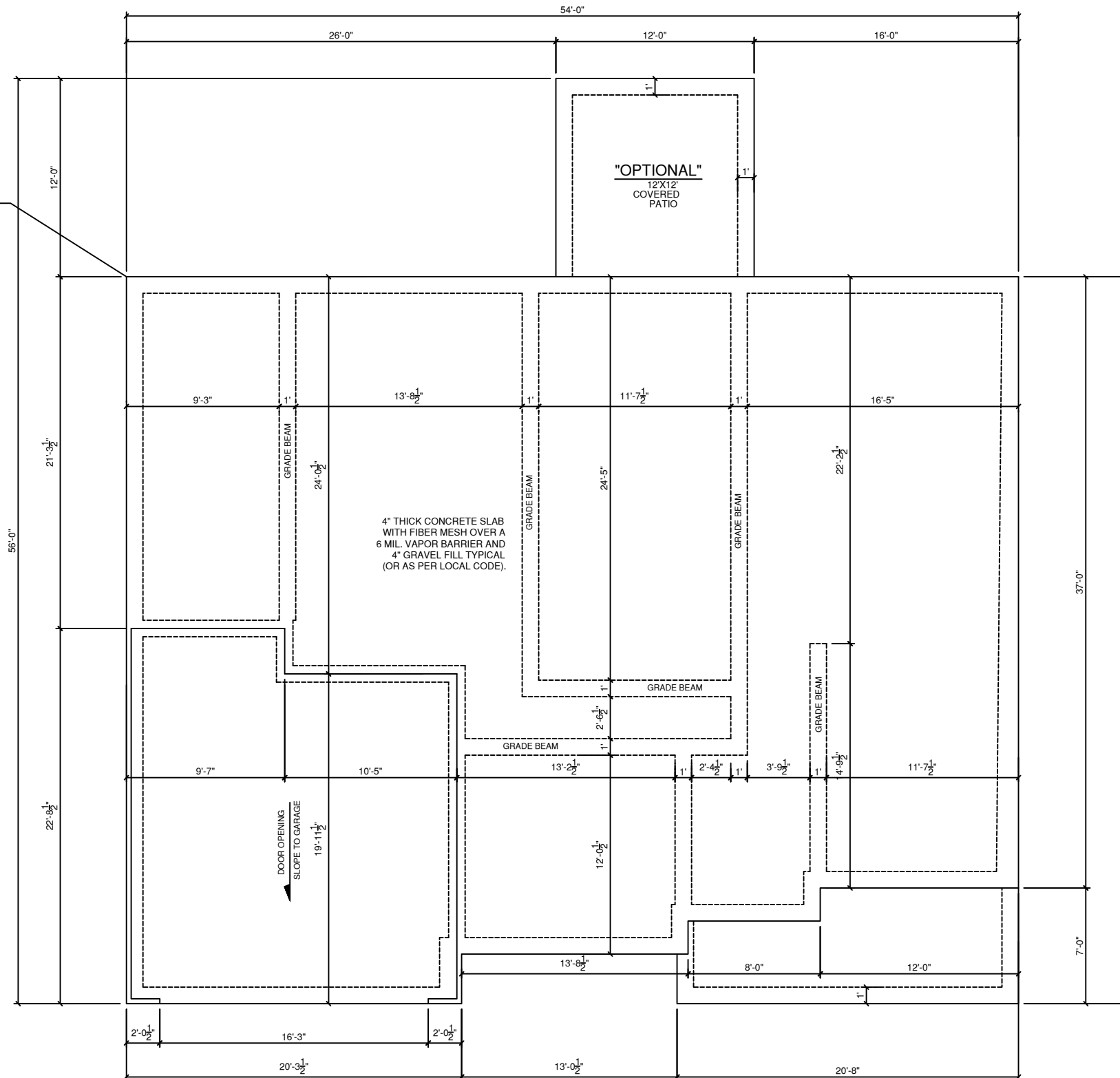
CL 2977

**ANCHOR BOLT DETAIL**



**ANCHOR BOLT LOCATIONS**  
 -WITHIN 1'0" OF ALL CORNERS  
 -WITHIN 1'0" OF ALL BOARD ENDS  
 -EVERY 6'0" ON CENTER

START PLATE  
HERE



**FOUNDATION PLAN**  
 SCALE 1/8" = 1'-0"

NOTE: OPT. KITCHEN ISLAND REQUIRES  
 CONDUIT UNDER SLAB PRIOR TO  
 FOUNDATION POUR

**General Notes**

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- 2.) OPTIONAL BONUS PLATE HEIGHT TO BE 8'-0" UNLESS NOTED OTHERWISE.
- 3.) INTERIOR & EXTERIOR WALLS TO BE DRAWN @ 3 1/2" UNLESS NOTED OTHERWISE.
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**Foundation**



X

SUBDIVISION NAME:

X

CITY:

X

PHASE:

X

BLOCK:

X

LOT:

X

**PLAN INDEX**

CL 2977

**GENERAL NOTES:**

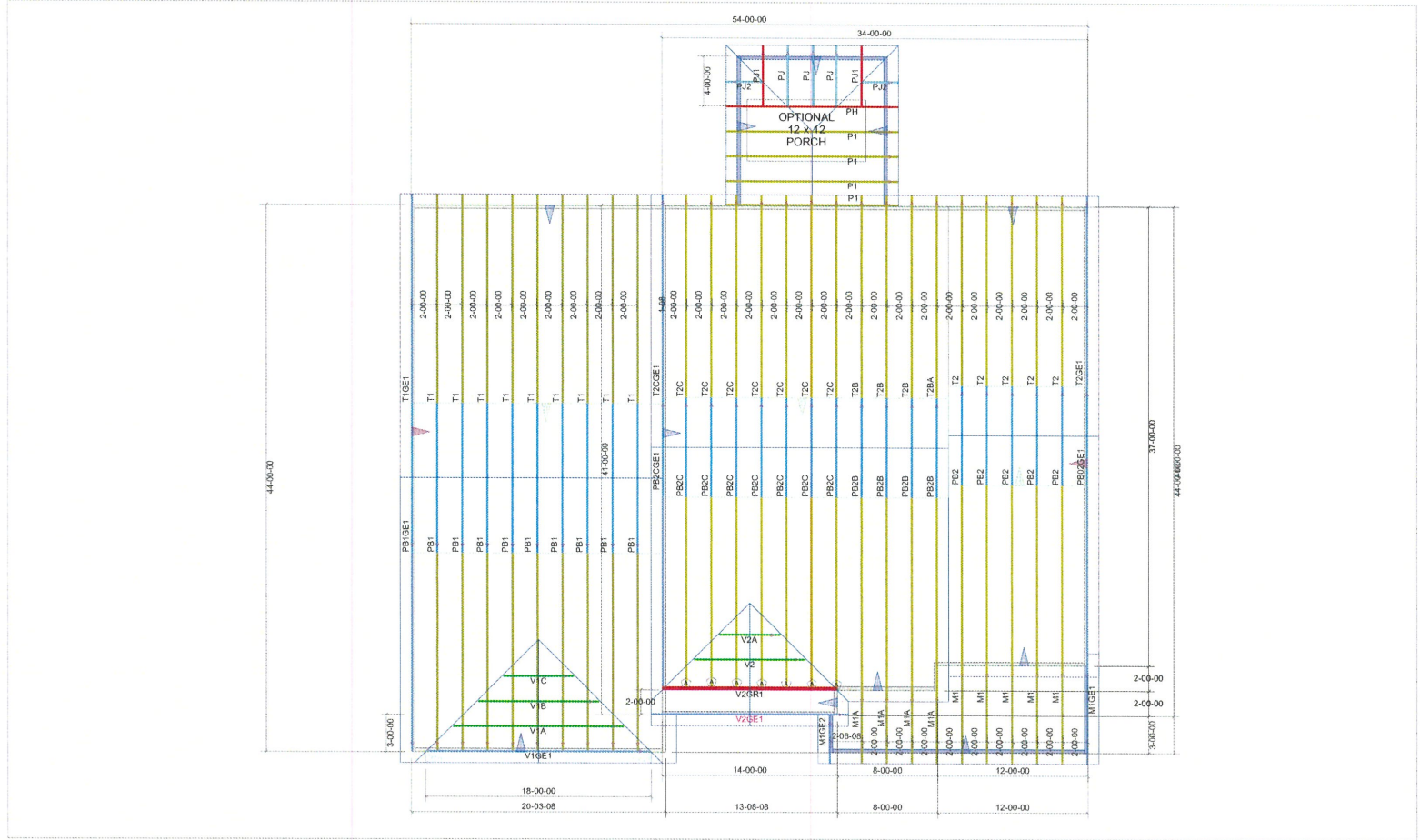
DO NOT CUT OR MODIFY TRUSSES.  
TRUSSES ARE SPACED 24" ON CENTER UNLESS NOTED OTHERWISE.

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

PER ANSI TP1-2002 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

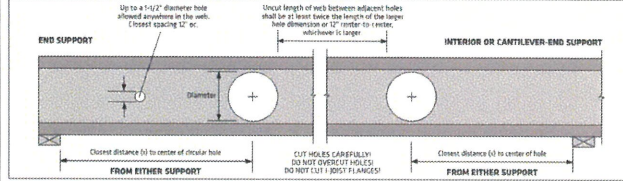
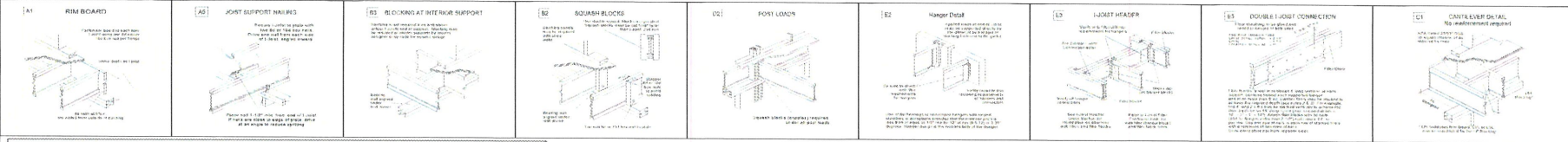


Dealer  
84 Lumber-Fayetteville #207  
Dealer Address  
620 Bell Road  
Fayetteville, NC 28301  
(910) 867-9185

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
<b>Floor</b>		
Loads		
Live		40
Dead		10
Deflection Joint		
II. Span L/		480
II. Span L/		240
II. Cant 2L/		360
II. Cant 2L/		360
Deflection Girder		
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	Legend	Load from Above
		2x4 Ext Wall
		2x4 Rig Wall
		2x4 Non-Rig Wall
		2x6 Non-Rig Wall
		Wall Opening
		LP APA Rated OSB 1.125 X 14
		LP 20Plus 14
		LP-LVL 1.55E 3.5 X 9.25
		LP-LVL 2900FB-2.0E 1.75 X 9.25 (Dropped)
		LP-LVL 2900FB-2.0E 1.75 X 16 (Dropped)
		1.5 X 9.25 (Dropped)



**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.

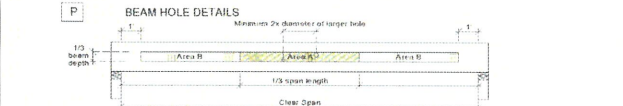
Depth	Clear Span (ft)	Distance from End Support Hole Diameter						Distance from Interior or Cantilever-End Support Hole Diameter						
		2"	4"	6"	8"	10"	12"	2"	4"	6"	8"	10"	12"	
14"	14'	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	2'-2"	-	1'-0"	1'-0"	1'-5"	2'-2"	3'-9"	-
	18'	1'-0"	1'-0"	1'-0"	1'-0"	3'-1"	4'-6"	-	1'-8"	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"	-	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'-8"	6'-1"	7'-5"	-	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 nearest 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 4-1/2" LVL joists, and 8" for 11-7/8" LVL 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 web.
- 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.
- 3x joist 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 LVL design software or contact your local LP Subsidiary/Engineered Wood Products distributor for more information.

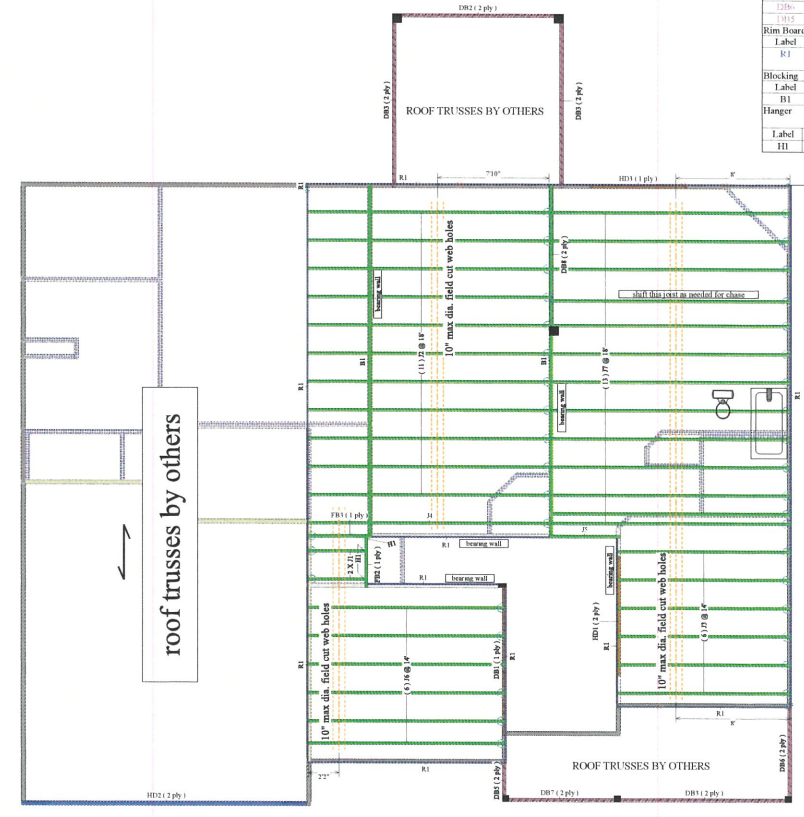


**NOTES:**

- These guidelines apply to uniformly loaded beams selected from the Quick Reference Tables or the Uniform Load Tables or developed with LP's design specification software only. For all other applications, such as beams with concentrated loads, please contact your LP Subsidiary/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.
- LP-1001 deck holes or cantilevers without your approval from the product designer.
- Other hole sizes and configurations MAY be possible with further engineering analysis. For more information, contact your LP Subsidiary/Engineered Wood Products distributor.
- Up to three 2x4 "beams" 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 shallower than 9 1/4" include holes at mid-depth.
- Protect existing trusses from inspection.

**Support Notes:** Verify that all holes are properly constructed for handling, storage and installation. Holes that result in unacceptable performance, cracks and delamination may occur.

**Handling & Storage:** LVL joists should be stored in a dry, well-ventilated area. LVL joists should be stored on edge. LVL joists should be stored in a dry, well-ventilated area. LVL joists should be stored on edge. LVL joists should be stored in a dry, well-ventilated area. LVL joists should be stored on edge.



**2ND FLOOR FRAMING**

SCALE: 1/4" = 1'

