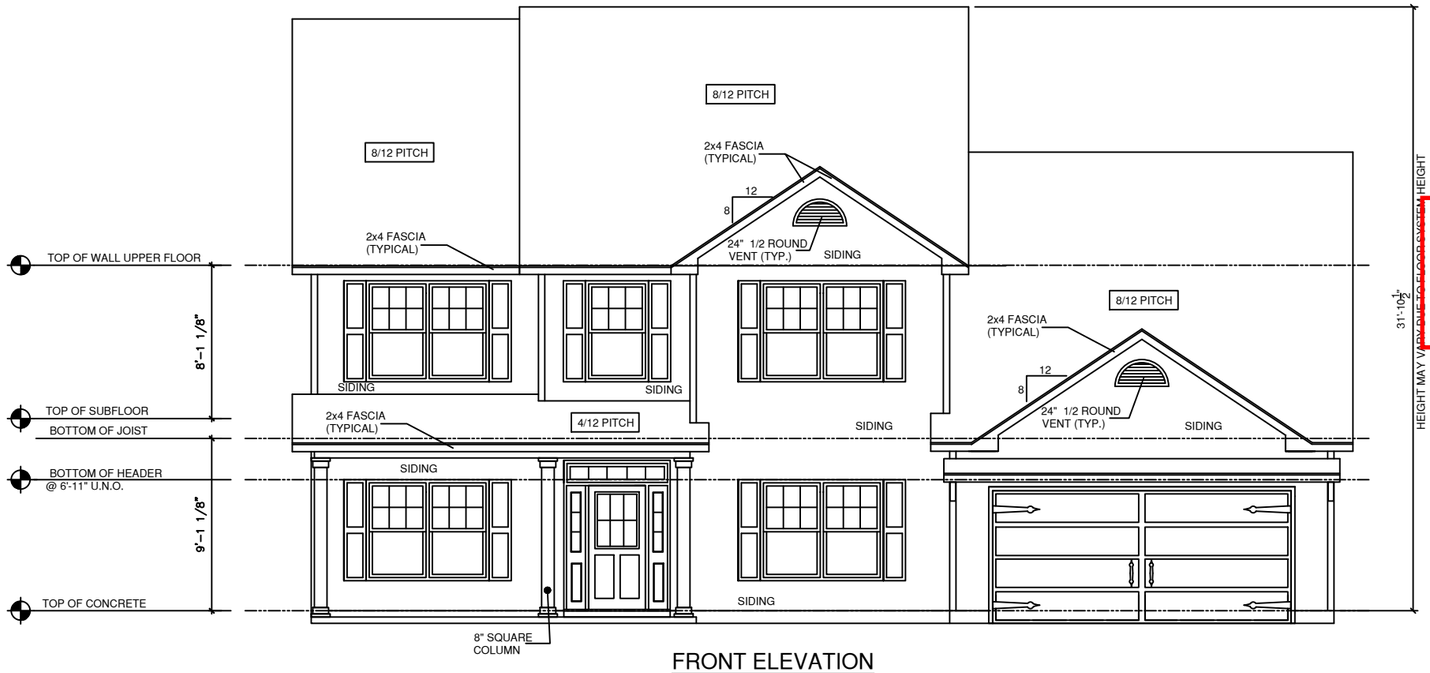



FRONT ELEVATION
SCALE 1/8" = 1'-0"

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

FLASH ALL VALLEYS (TYP.)

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

04/14/2021

Harnett COUNTY NORTH CAROLINA

## 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 1/2" 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 VENTELLATION TO BE DETERMINED & VERIFIED BUILDER,ROOFING COTRACTOR 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 PRECIDENCE 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

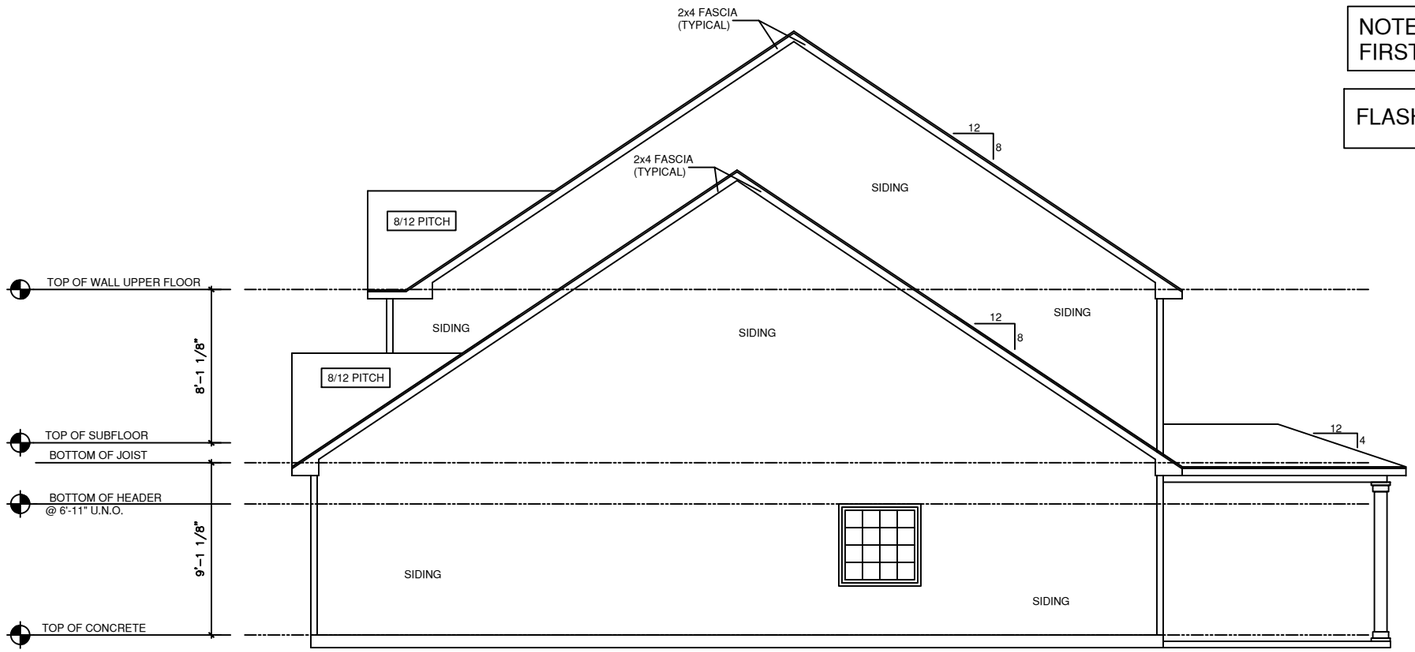
Caviness Land
Building and Development Company
Builder of Excellence

X

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

PLAN INDEX
CL 2977

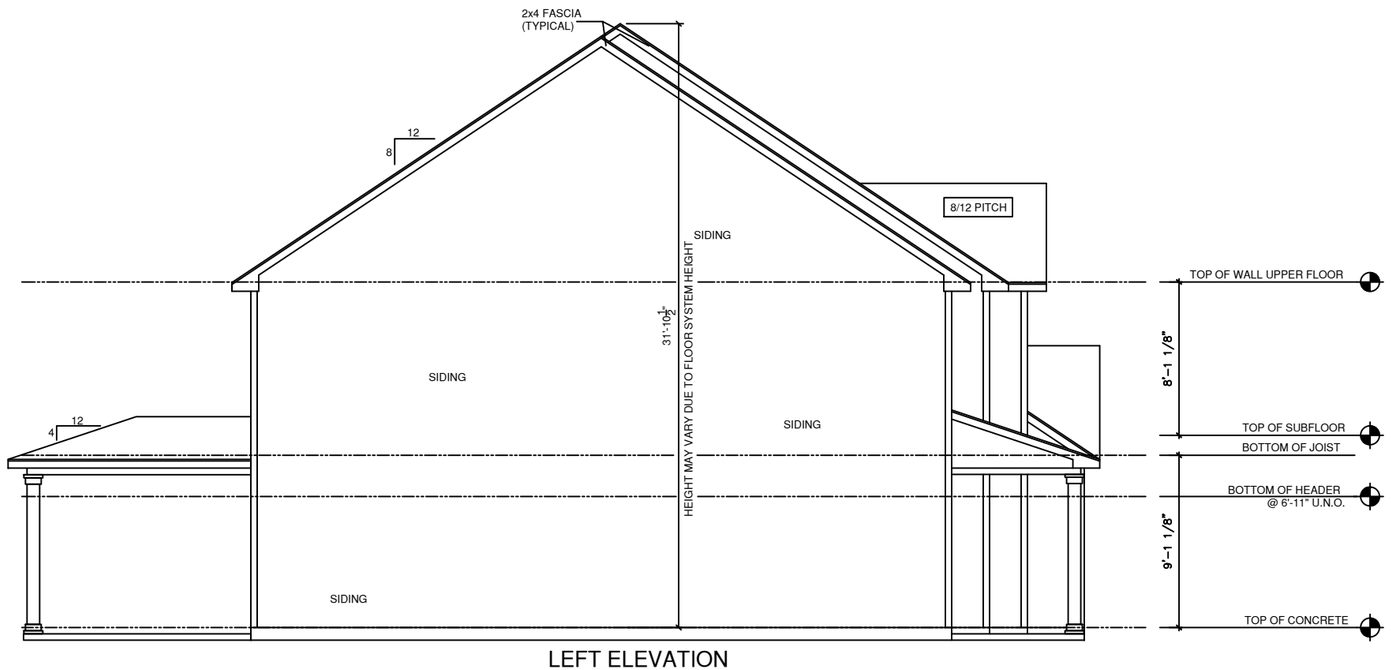

REAR ELEVATION
SCALE 1/8" = 1'-0"




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

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

FLASH ALL VALLEYS (TYP.)




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

## 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 1/2" 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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11.) LOCAL, STATE AND NATIONAL CODES TAKE PRECIDENCE OVER DRAWINGS.
12.) BUILDER TO VERIFY ALL DIMENSIONS.

## SQUARE FOOT KEY

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| FIRST FLOOR TO FRAMING | 1784 |
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| | |
| | |
| OPTIONAL COVERED REAR PATIO | 144 |
| | |

Right & Left Elevation

Caviness Land
Building and Development Company
Builder of Excellence

X

SUBDIVISION NAME:
X

CITY:
X

PHASE:
X

BLOCK:
X

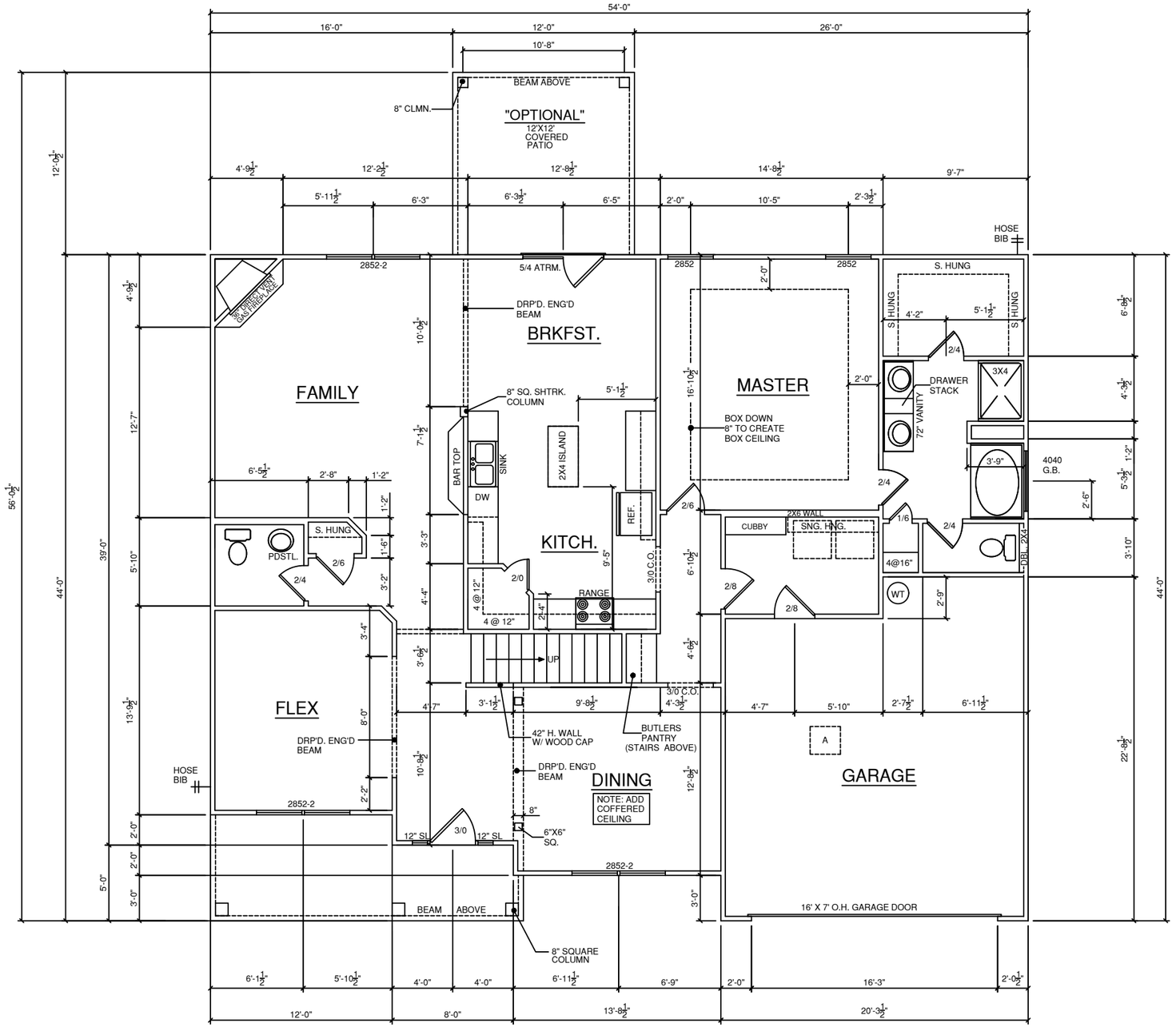
LOT:
X

PLAN INDEX
CL 2977

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

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

FLASH ALL VALLEYS (TYP.)




FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

## 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 1/2" UNLESS NOTED OTHERWISE.

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## SQUARE FOOT KEY

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| TOTAL UNDER BEAM AREA | 3529 |
| | |
| | |
| OPTIONAL COVERED REAR PATIO | 144 |
| | |

First Floor Plan

Caviness Land
Building and Development Company
Builder of Excellence

X

SUBDIVISION NAME: X

CITY: X

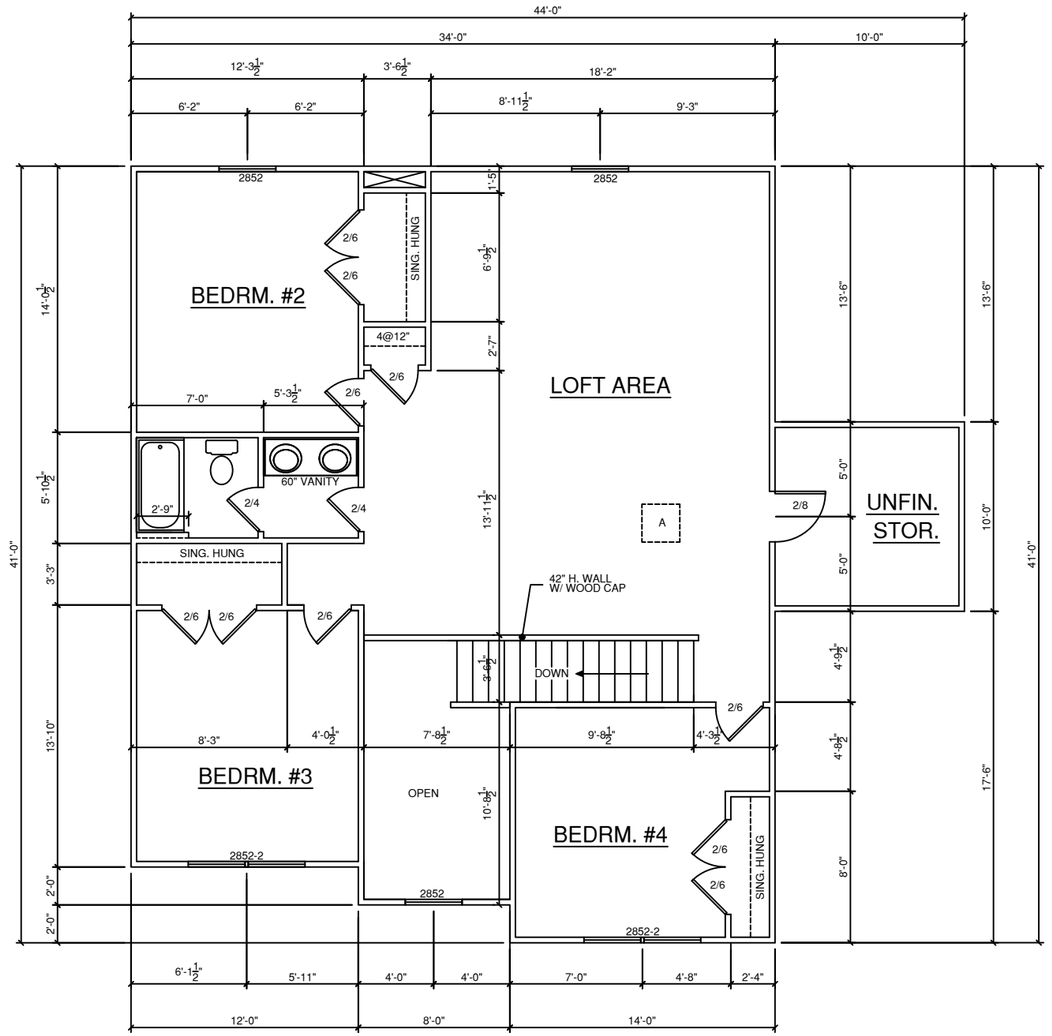
PHASE: X

BLOCK: X

LOT: X

PLAN INDEX

CL 2977




SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"

## 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 1/2" UNLESS NOTED OTHERWISE.

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## SQUARE FOOT KEY

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| TOTAL UNDER BEAM AREA | 3529 |
| | |
| | |
| OPTIONAL COVERED REAR PATIO | 144 |
| | |

Second Floor

Caviness Land
Building and Development Company
Builder of Excellence

X

SUBDIVISION NAME: X

CITY: X

PHASE: X

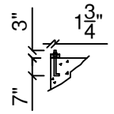
BLOCK: X

LOT: X

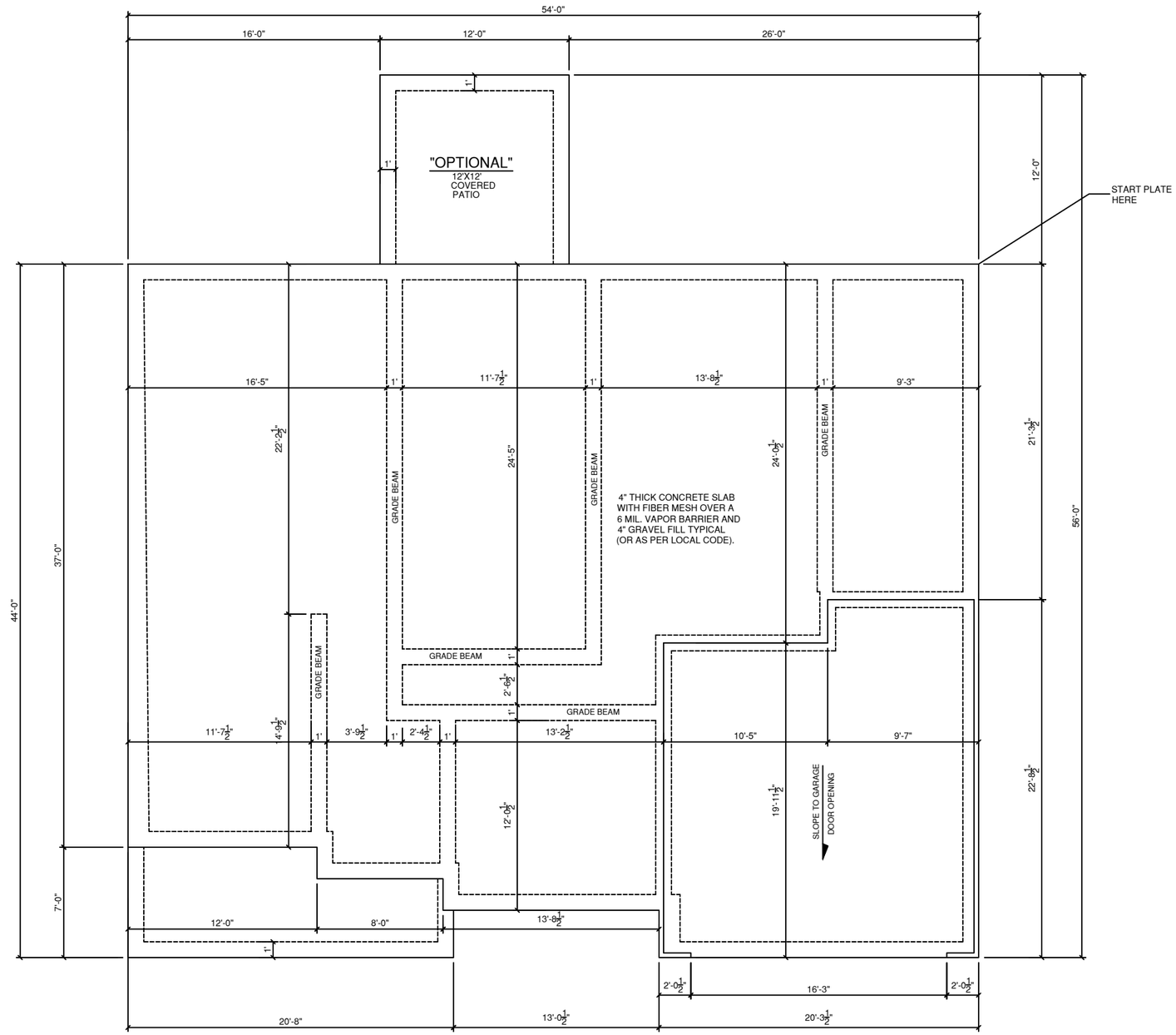
## PLAN INDEX

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




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

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

## 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 1/2" UNLESS NOTED OTHERWISE.
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## SQUARE FOOT KEY

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| | |
| | |
| OPTIONAL COVERED REAR PATIO | 144 |

Foundation

Caviness Land
Building and Development Company
Builder of Excellence

X

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

PLAN INDEX
CL 2977

**GENERAL NOTES:**

DO NOT CUT OR MODIFY TRUSSES.

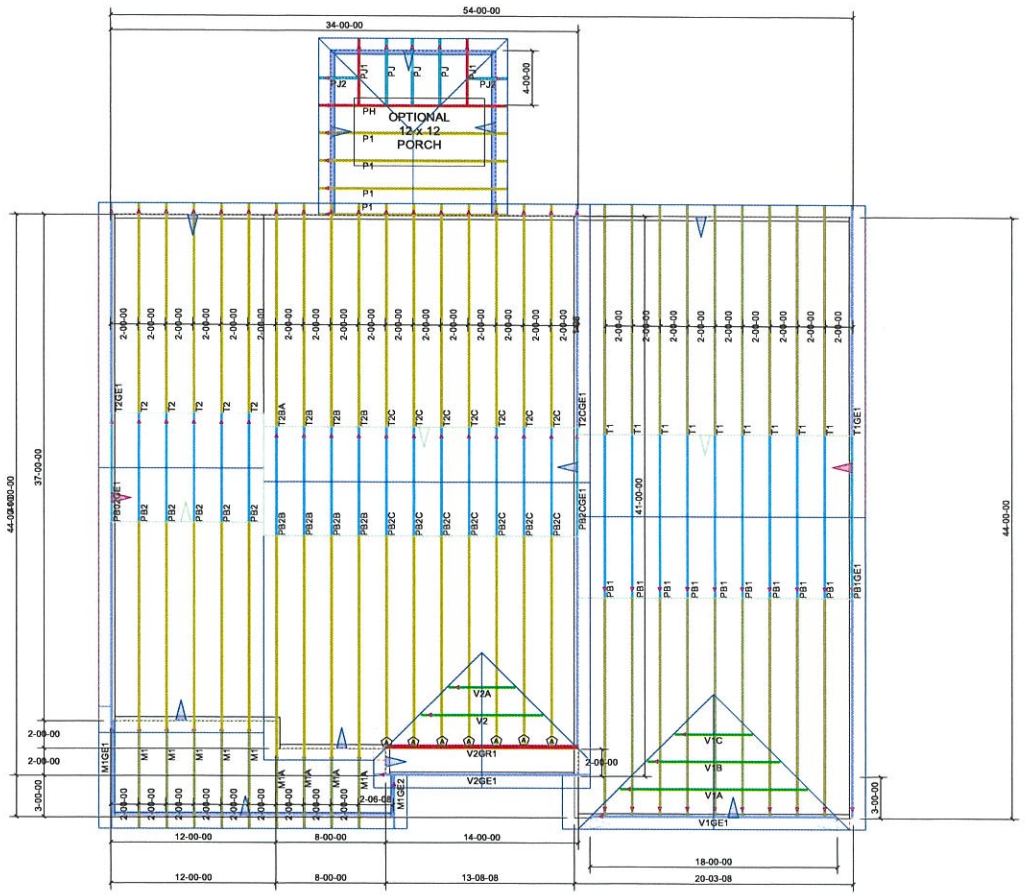
TRUSSES ARE SPACED 24" ON CENTER UNLESS NOTED OTHERWISE.

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

PER ANSI 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.**

QUOTE: 1600124




| 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

84 LUMBER COMPONENTS

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

PROJECT:

CUSTOMER: **CL2977 A W/CP**

MODEL: **CL 2977 A W/CP GOR**

SCALE: NOT TO SCALE

P.O. NUMBER: XXXXX

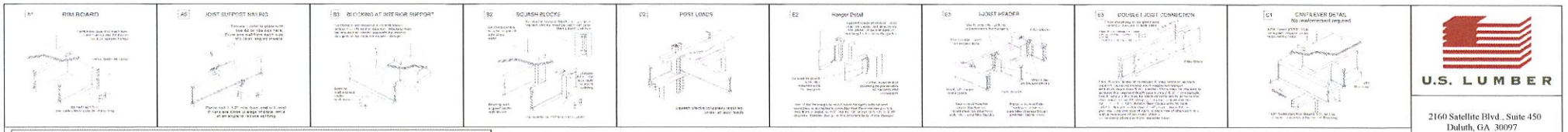
QUOTE: 1600124

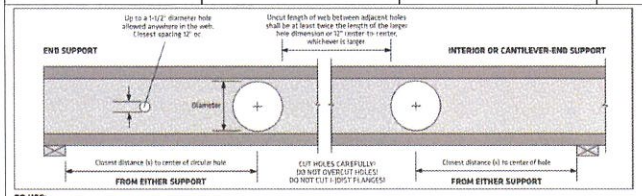
DRAWN BY: ---

PRINT DATE: / /

REV: 04/07/16 10:09:34

SHIP DATE: 04/30/16




**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'-8" | 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'-5" | 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'-8" | 7'-0" | 8'-4" | 9'-9" | 11'-3" | 12'-10" | 9'-0" | 10'-0" | 11'-0" | 12'-0" | 13'-2" | 14'-8" |

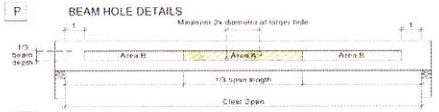
**DESIGN ASSUMPTIONS:**

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 9-3/2" 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:**

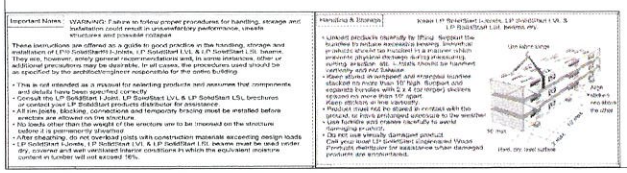
1. Holes may be placed anywhere within the depth of the joist. A minimum 1/8" clear distance is required between the hole and the flanges.
2. Round holes up to 1-1/2" diameter may be placed anywhere in the web.
3. Perforated "knockouts" may be neglected when locating web holes.
4. Holes larger than 1-1/2" 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.

P BEAM HOLE DETAILS




NOTES

1. These 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", 3/4" inside 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 |
|---|---|---|---|---|---|---|---|
| FJ1 | LPI 70Plus | 3.5 | 14 | | | 1 | 6-0-0 |
| FJ3 | LPI 70Plus | 3.5 | 14 | | | 1 | 4-0-0 |
| J7 | LPI 70Plus | 3.5 | 14 | | | 24 | 18-0-0 |
| J4 | LPI 70Plus | 3.5 | 14 | | | 1 | 15-0-0 |
| J6 | LPI 70Plus | 3.5 | 14 | | | 6 | 14-0-0 |
| J5 | LPI 70Plus | 3.5 | 14 | | | 6 | 14-0-0 |
| J8 | LPI 70Plus | 3.5 | 14 | | | 1 | 6-0-0 |
| J1 | LPI 70Plus | 3.5 | 14 | | | 2 | 4-0-0 |

LVL/LSL (Dropped)

| Label | Description | Width | Depth | Qty | Plies | Pcs | Length |
|---|---|---|---|---|---|---|---|
| DB4 | LP LVL 1.55E | 3.5 | 9 25 | | | 1 | 12-0-0 |
| DB3 | LP LVL 1.55E | 3.5 | 9 25 | | | 1 | 8-0-0 |
| DB8 | LP LVL 2900Fb-2.0E | 1.75 | 9 25 | 1 | 2 | 2 | 17-0-0 |
| DB2 | LP LVL 2900Fb-2.0E | 1.75 | 16 | 1 | 2 | 2 | 12-0-0 |

Beam By Others (Dropped)

| Label | Description | Width | Depth | Qty | Plies | Pcs | Length |
|---|---|---|---|---|---|---|---|
| DB5 | LVL(4) | | | 1 | 2 | 2 | 14-0-0 |
| DB6 | LVL(4) | | | 1 | 2 | 2 | 13-0-0 |
| DB7 | LVL(4) | | | 1 | 2 | 2 | 16-0-0 |
| DB9 | LVL(4) | | | 1 | 2 | 2 | 10-0-0 |
| DB10 | LVL(4) | | | 1 | 2 | 2 | 9-0-0 |
| DB11 | LVL(4) | | | 1 | 2 | 2 | 4-0-0 |

Rim Board

| Label | Description | Width | Depth | Qty | Plies | Pcs | Length |
|---|---|---|---|---|---|---|---|
| R1 | LP APA Rated OSB 1.125 X 14 | 1.125 | 14 | | | 16 | 12-0-0 |

Blocking

| Label | Description | Width | Depth | Qty | Plies | Pcs | Length |
|---|---|---|---|---|---|---|---|
| B1 | LPI 20 Plus | 2.5 | 14 | LinFt | | Varies | 45-0-0 |

Hanger

| Label | Pcs | Description | Skew | Slope | Beam/Girder fasteners | Supported Member fasteners |
|---|---|---|---|---|---|---|
| H1 | 3 | IUS2.56/14 (Min) | | | 12 10dx1 1/2 | |

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LP BUILDING PRODUCTS

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(910) 867-9185

Project
CI.2977 GR CP

Created
March 24, 2016

Layout Name
CI.2977 GR CP

Description
Caviness Land
CI.2977 GR CP

Designer
Kyle Militzer

Revised
February 18, 2020

**2nd Floor**

| | |
|---|---|
| Design Method | ASD (USA) |
| Building Code | IRC 2012 |

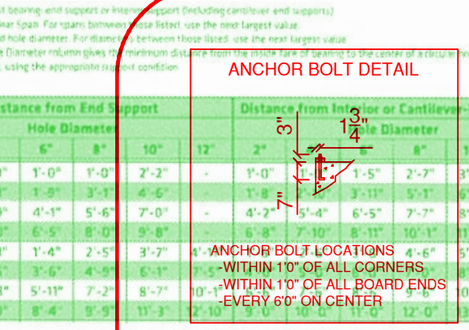
**Floor**

| | |
|---|---|
| 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

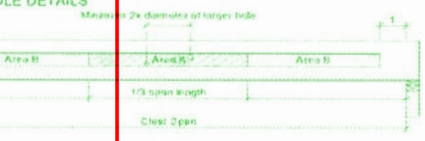
- Load from Above
- 2x4 Ext Wall
- 2x4 Brg Wall
- 2x4 Non-Brg Wall
- 2x6 Non-Brg Wall
- Wall Opening
- LP APA Rated OSB 1.125 X 14
- LPI 20Plus 14
- LP-LSL 1.55E 3.5 X 9.25 (Dropped)
- LP-LVL 2900Fb-2.0E 1.75 X 9.25 (Dropped)
- LP-LVL 2900Fb-2.0E 1.75 X 16 (Dropped)
- 1.5 X 9.25 (Dropped)

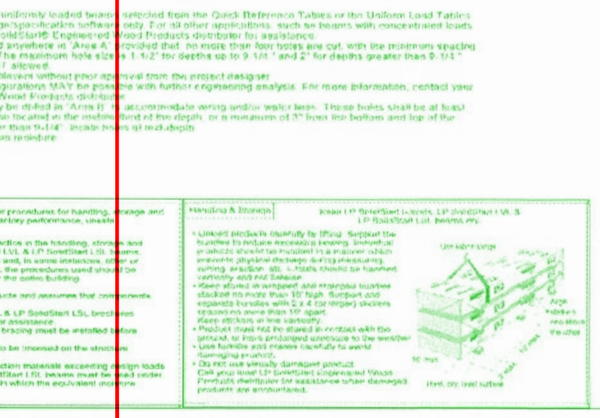
Calculated Structured Designs

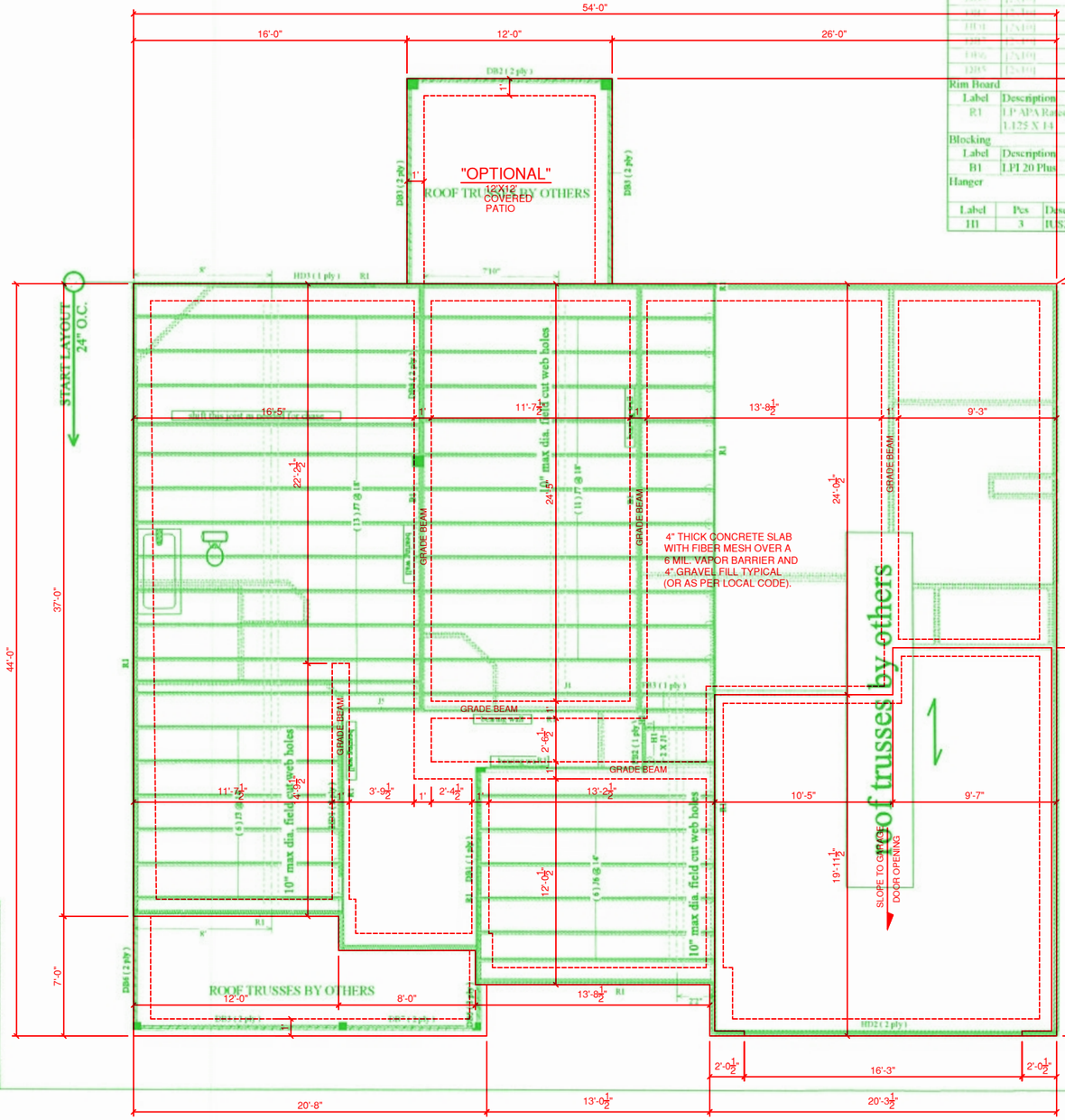





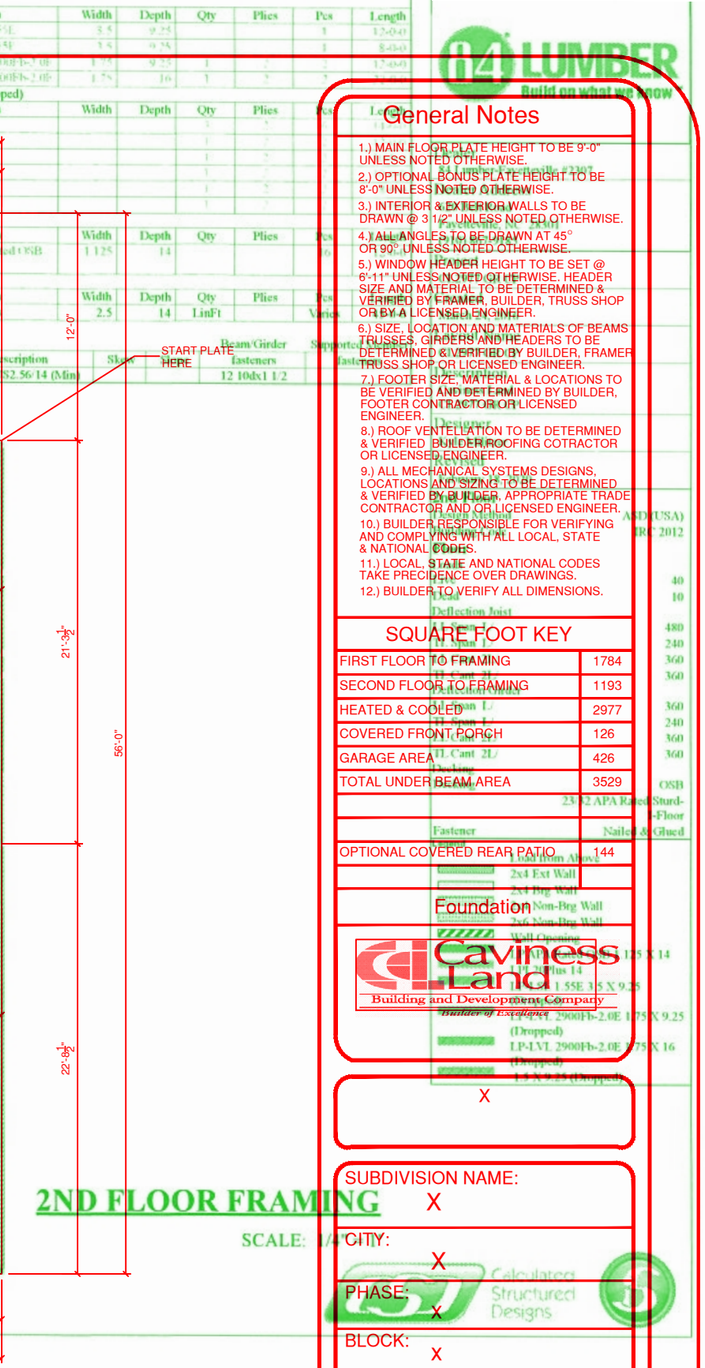





FOUNDATION PLAN
SCALE 1/8" = 1'-0"




2ND FLOOR FRAMING
SCALE: 1/4" = 1'-0"

## 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 1/2" 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 VENTELLATION TO BE DETERMINED & VERIFIED BUILDER ROOFING COTRACTOR 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 PRECIDENCE 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 |

Foundation

X

SUBDIVISION NAME: X

CITY: X

PHASE: X

BLOCK: X

LOT: X

## PLAN INDEX

CL 2977

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