

Joist & Rafter Area Loads	Live Load psf	Dead Load psf
Primary Living	40	10
Secondary & Attic Permanent Stairs	30	10
Ceiling - Limited Storage	20	10
Ceiling - No Storage	10	5
Roof - No Ceiling Load	20	10
Flat Roof or Cathedral w/Drywall Ceiling	20	15

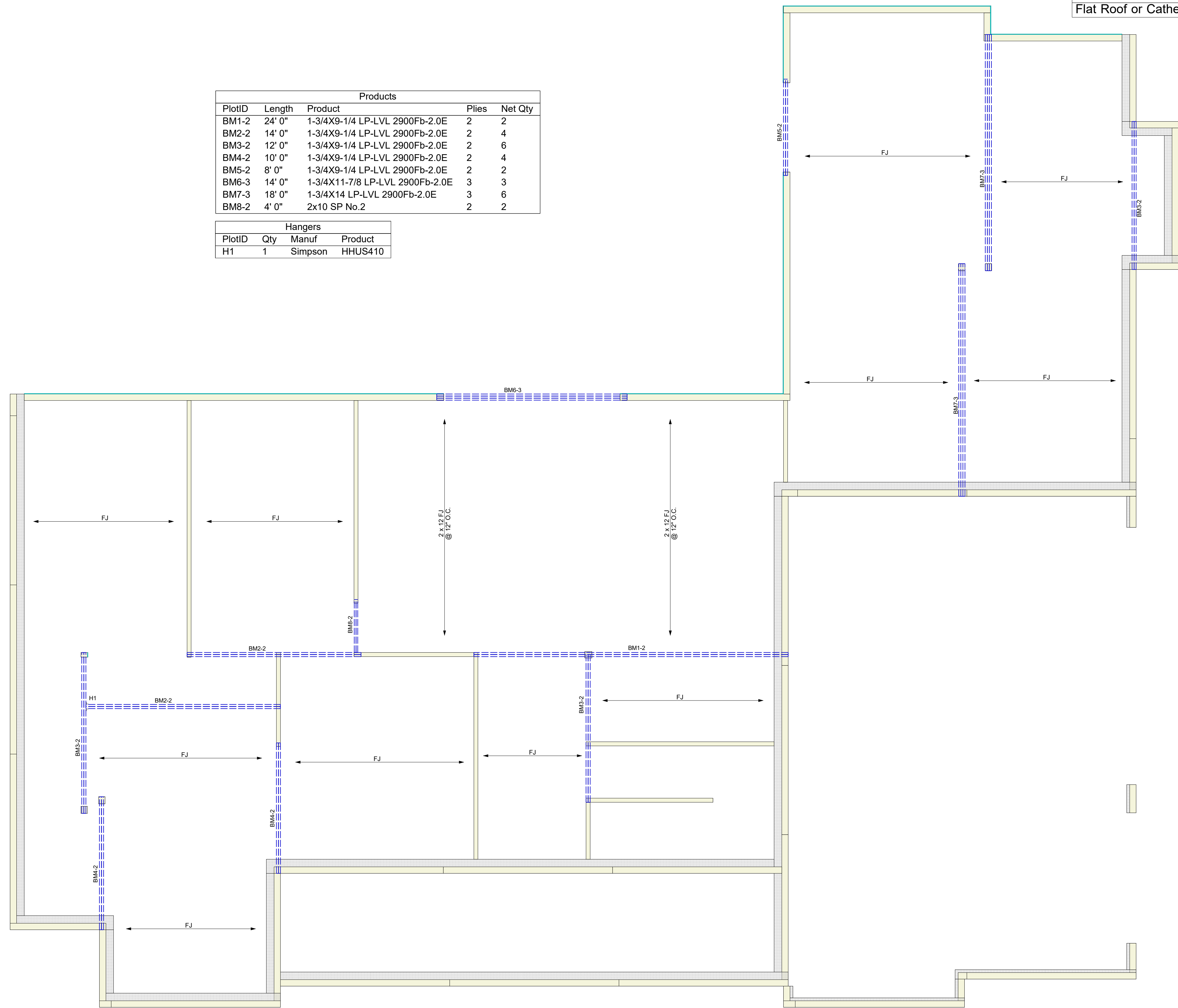
Boise Cascade
 7601 BOEING DRIVE
 GREENSBORO, NC 27409
 V (336) 884-5454
 4575 HAMPTON ROAD
 CLEMMONS, NC 27409
 V (336) 712-9910
 1135 ROBESON STREET
 FAYETTEVILLE, NC 28305
 V (910) 485-1111
 3189 NC HIGHWAY 5
 ABERDEEN NC 28315
 V (910) 944-2516



GENERAL NOTES:
 1.) READ THE INSTALLATION GUIDE BEFORE FRAMING.
 2.) ALL WALLS SHOWN ARE LOAD BEARING UNLESS NOTED OTHERWISE. WALLS NOT SHOWN ARE CONSIDERED NON-LOAD BEARING.
 3.) UNLESS STATED OTHERWISE ALL CEILING & ROOF LOADS BRACE DIRECTLY TO LOAD BEARING WALLS SUPPORTED BY FOUNDATION.
 4.) CONTACT BUILDERS FIRSTSOURCE BEFORE MAKING ANY ALTERATIONS OR ADJUSTMENTS...FAILURE TO DO SO MAY RESULT IN COSTLY REPAIRS.

Products				
PlotID	Length	Product	Plies	Net Qty
BM1-2	24' 0"	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	2
BM2-2	14' 0"	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	4
BM3-2	12' 0"	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	6
BM4-2	10' 0"	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	4
BM5-2	8' 0"	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	2
BM6-3	14' 0"	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	3	3
BM7-3	18' 0"	1-3/4X14 LP-LVL 2900Fb-2.0E	3	6
BM8-2	4' 0"	2x10 SP No.2	2	2

Hangers			
PlotID	Qty	Manuf	Product
H1	1	Simpson	HHUS410



GENERAL NOTES & DESIGN ASSUMPTIONS

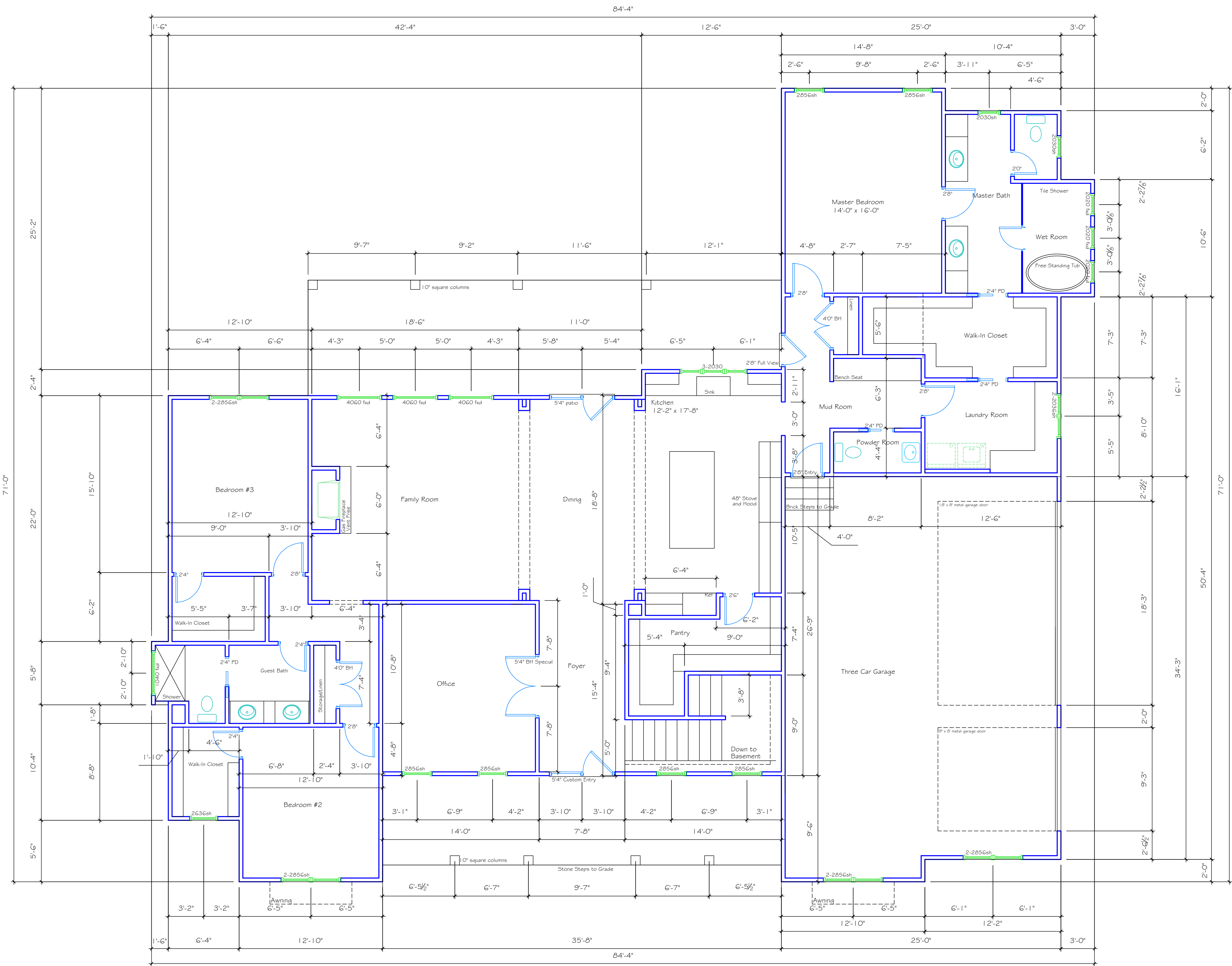
ALL CEILING JOISTS ARE 2x8 SPF #2 @ 16" O.C. (UNO)
 ALL RAFTERS ARE 2x8 SPF #2 @ 16" O.C. (UNO)
 ALL LOAD HEADERS, NOT SHOWN ON LAYOUT, ARE (2)2x10 SYP #2 (UNO)
 ALL 2x4, 2x6 & 2x8 ARE SPF #2 (UNO)
 ALL 2x10 & 2x12 JOISTS ARE SYP #2 (UNO)
 ALL RIDGES AND HIP RAFTERS ARE 2x10 (UNO)
 ALL VALLEY RAFTERS ARE 2x12 (UNO)
 #J = NUMBER OF 2x4 SPF #2 JACK STUDS REQUIRED
 = ROOF BRACE POINT

BRAD CUMMINGS CONSTRUCTION

KEANE RESIDENCE
 FIRST FLOOR EWP PLACEMENT PLAN
 Builders FirstSource, Central Carolina Markets
 DRAWN BY: MARK BROOKS DATE: 9/29/2022
 SCALE: 1/4" = 1' JOB NUMBER: 3303534

MINIMUM DESIGN DATA
 LIVE LOAD 40 PSF
 DEAD LOAD 10 PSF
 TOTAL LOAD 50 PSF
 DOL = 100%
 DEFLECTION CRITERIA
 L/480 (MINIMUM)
 ARCHITECTURAL PLAN DATE
 XX-XX-XX
 REVISED ARCH. PLAN DATE
 XX-XX-XX
 XXXXXXXX

Wall Legend	
	Bearing Wall
	Non-Load Bearing Wall



Main Level Floor Plan

PROJECT TABULATIONS

Main Level	2937
Finished Basement (est)	1212
TOTAL HEATED	4149
Garage	873
Covered Back Porch	403
Front Porch	285
Unfinished Basement (est)	TBD

-Roof-ceiling framing shall be constructed in accordance with provisions of Chapter 8 Fig.R606.10(1), R606.10(2) and R606.10(3) or in accordance with APPENDS. Components of roof-ceiling shall be fastened in accordance with Table R602.3(1).

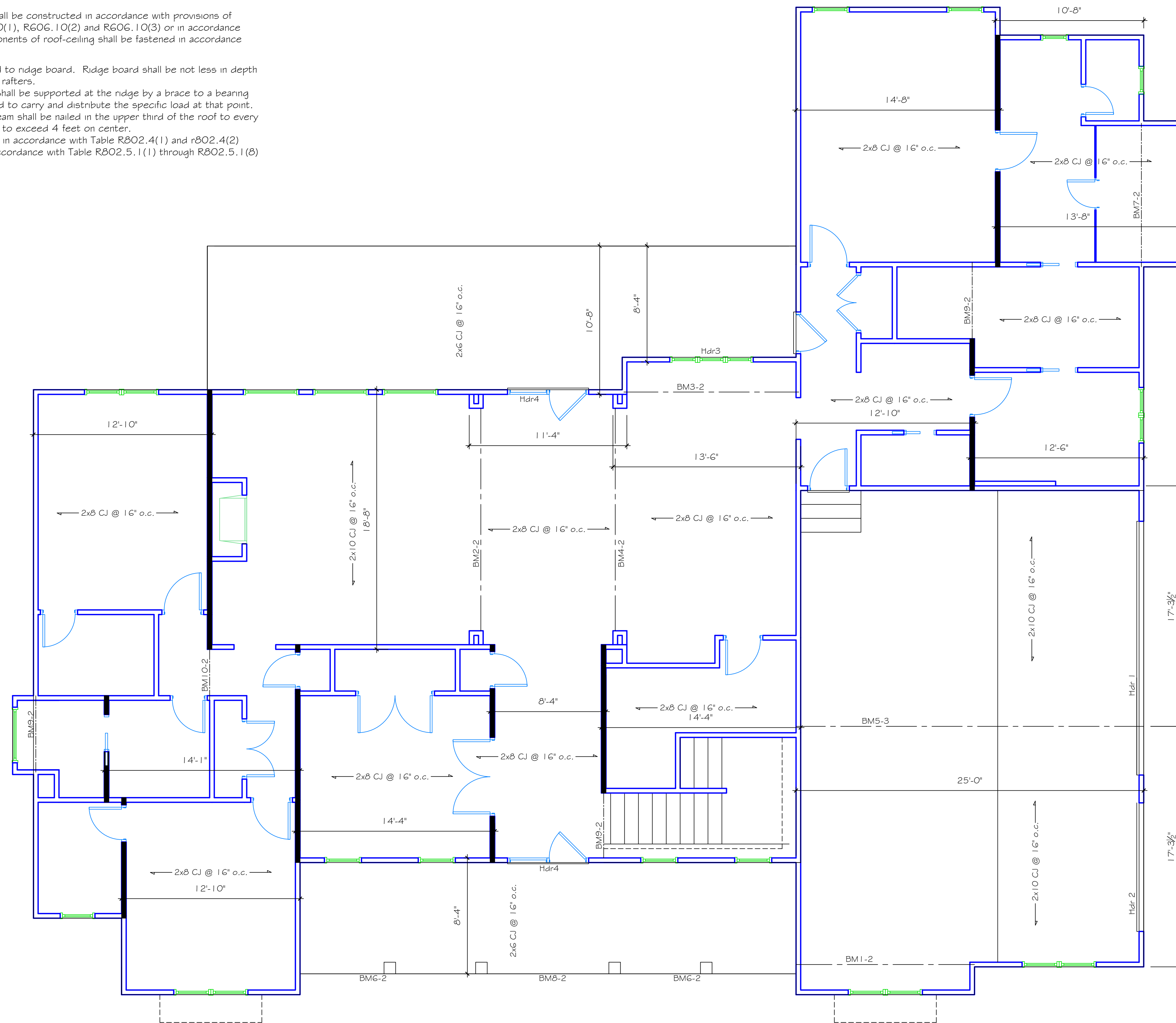
-Rafters shall be framed to ridge board. Ridge board shall be not less in depth than the cut end of the rafters.

-Hip and valley rafters shall be supported at the ridge by a brace to a bearing partition or be designed to carry and distribute the specific load at that point.

-A 1x6 or 2x4 collar beam shall be nailed in the upper third of the roof to every third pair of rafters not to exceed 4 feet on center.

-Ceiling Joist shall span in accordance with Table R802.4(1) and r802.4(2)

-Rafters shall span in accordance with Table R802.5.1(1) through R802.5.1(8)



Framing Plan

GENERAL NOTES & DESIGN ASSUMPTIONS

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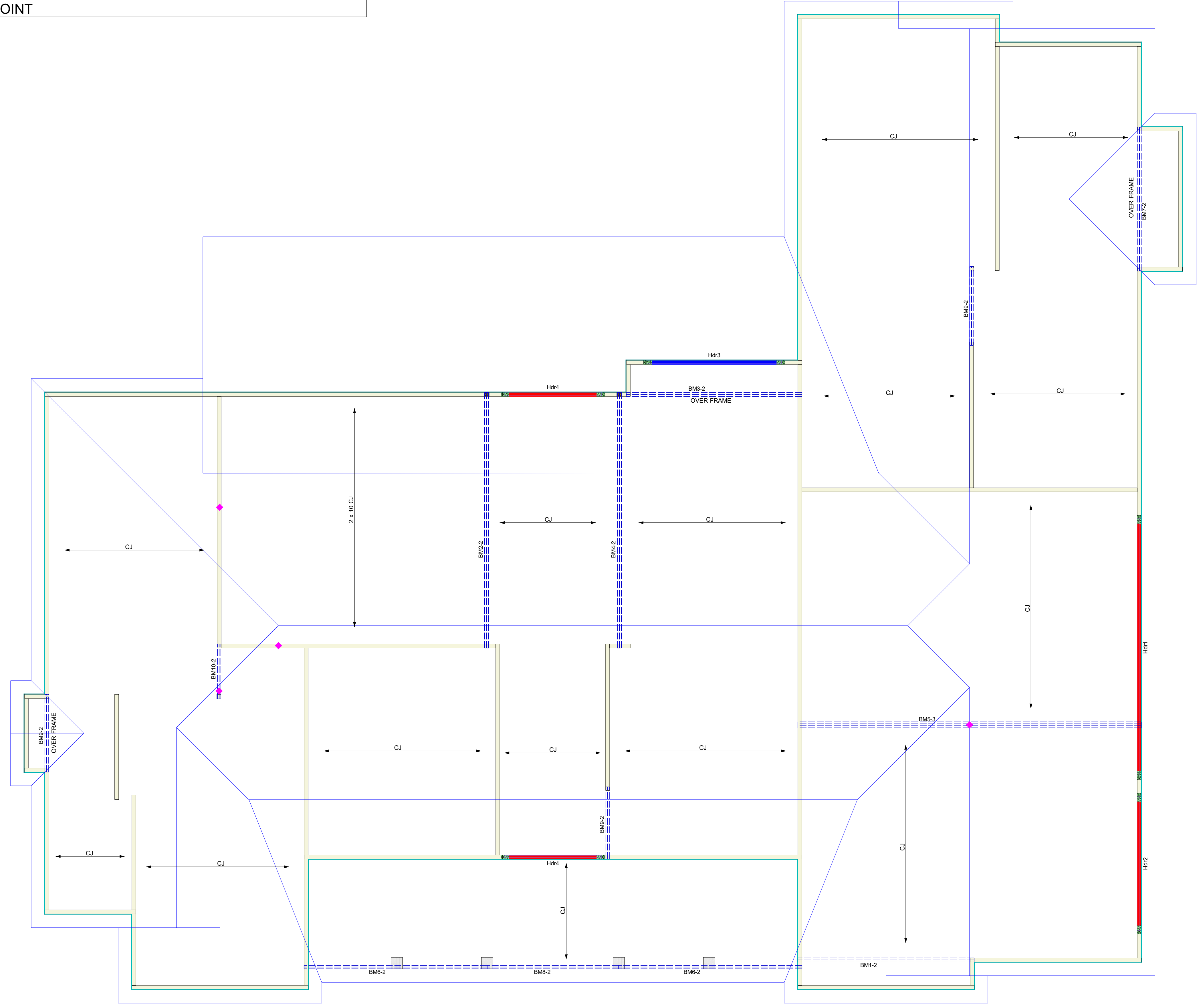
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GENERAL NOTES:
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BM5-3	26' 0"	1-3/4X18 LP-LVL 2900Fb-2.0E	3	3
BM6-2	14' 0"	2x10 SP No.2	2	4
BM7-2	12' 0"	2x10 SP No.2	2	2
BM8-2	10' 0"	2x10 SP No.2	2	2
BM9-2	6' 0"	2x10 SP No.2	2	6
BM10-2	4' 0"	2x10 SP No.2	2	2

Wall Framing				
PlotID	Length	Product	Plies	Net Qty
Hdr2	10' 0"	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	2	2
Hdr1	20' 0"	1-3/4X18 LP-LVL 2900Fb-2.0E	2	2
Hdr3	10' 0"	2x10 SP No.2	2	2
Hdr4	8' 0"	2x10 SP No.2	2	4



BRAD CUMMINGS CONSTRUCTION

KEANE RESIDENCE
 SECOND FLOOR EWP PLACEMENT PLAN
 Builders FirstSource, Central Carolina Markets
 DRAWN BY: MARK BROOKS
 DATE: 9/29/2022
 JOB NUMBER: 3303534
 SCALE: 1/4" = 1'

MINIMUM DESIGN DATA
 LIVE LOAD 40 PSF
 DEAD LOAD 10 PSF
 TOTAL LOAD 50 PSF
 DOL = 100%
 DEFLECTION CRITERIA
 L/480 (MINIMUM)

ARCHITECTURAL PLAN DATE
XX-XX-XX
 REVISED ARCH. PLAN DATE
XX-XX-XX
XXXXXXX

Wall Legend	
	Bearing Wall
	Non-Load Bearing Wall

-Roof-ceiling framing shall be constructed in accordance with provisions of Chapter 8 Fig.R606.10(1), R606.10(2) and R606.10(3) or in accordance with AFPA/NDS. Components of roof-ceiling shall be fastened in accordance with Table R602.3(1).

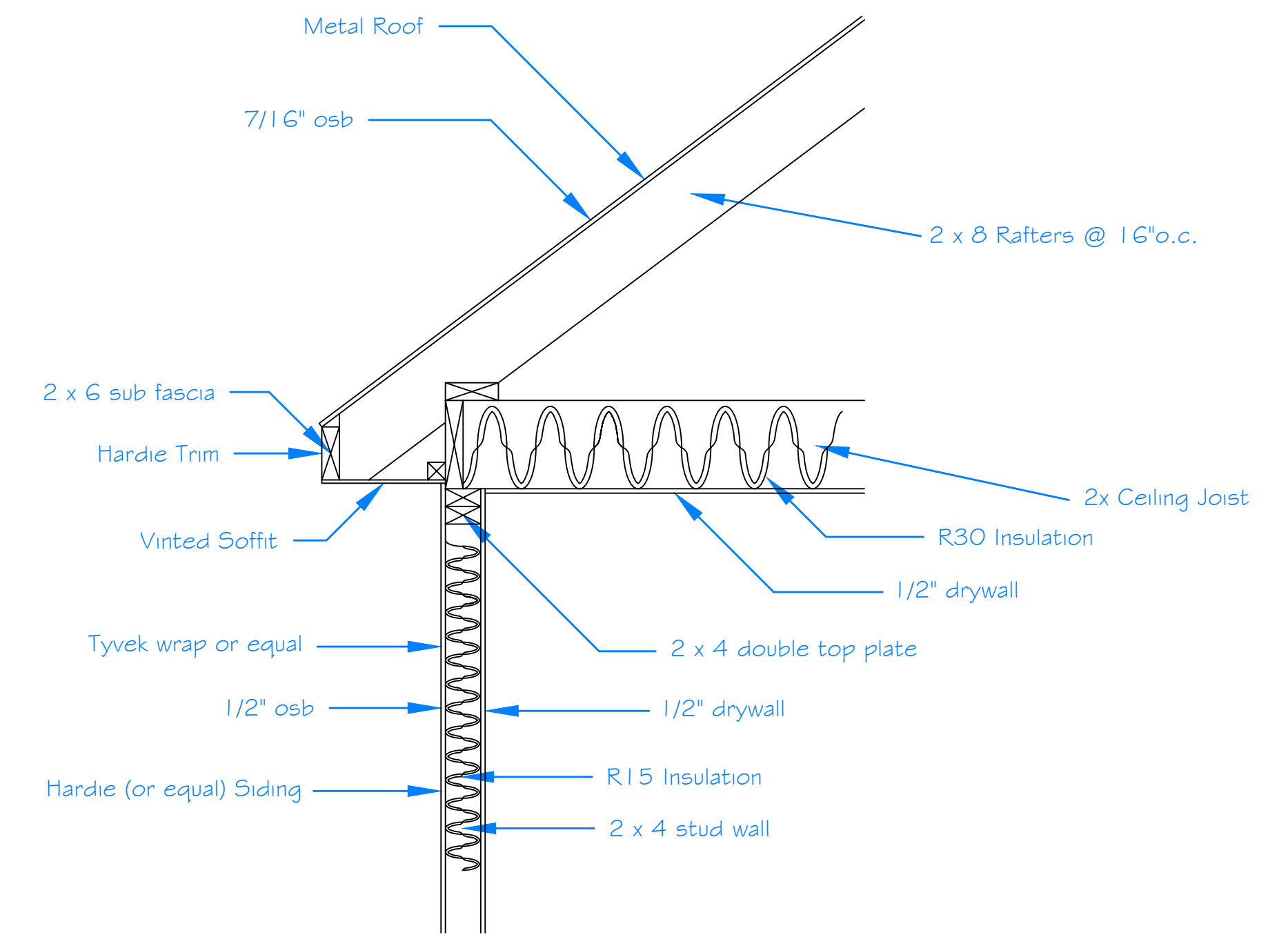
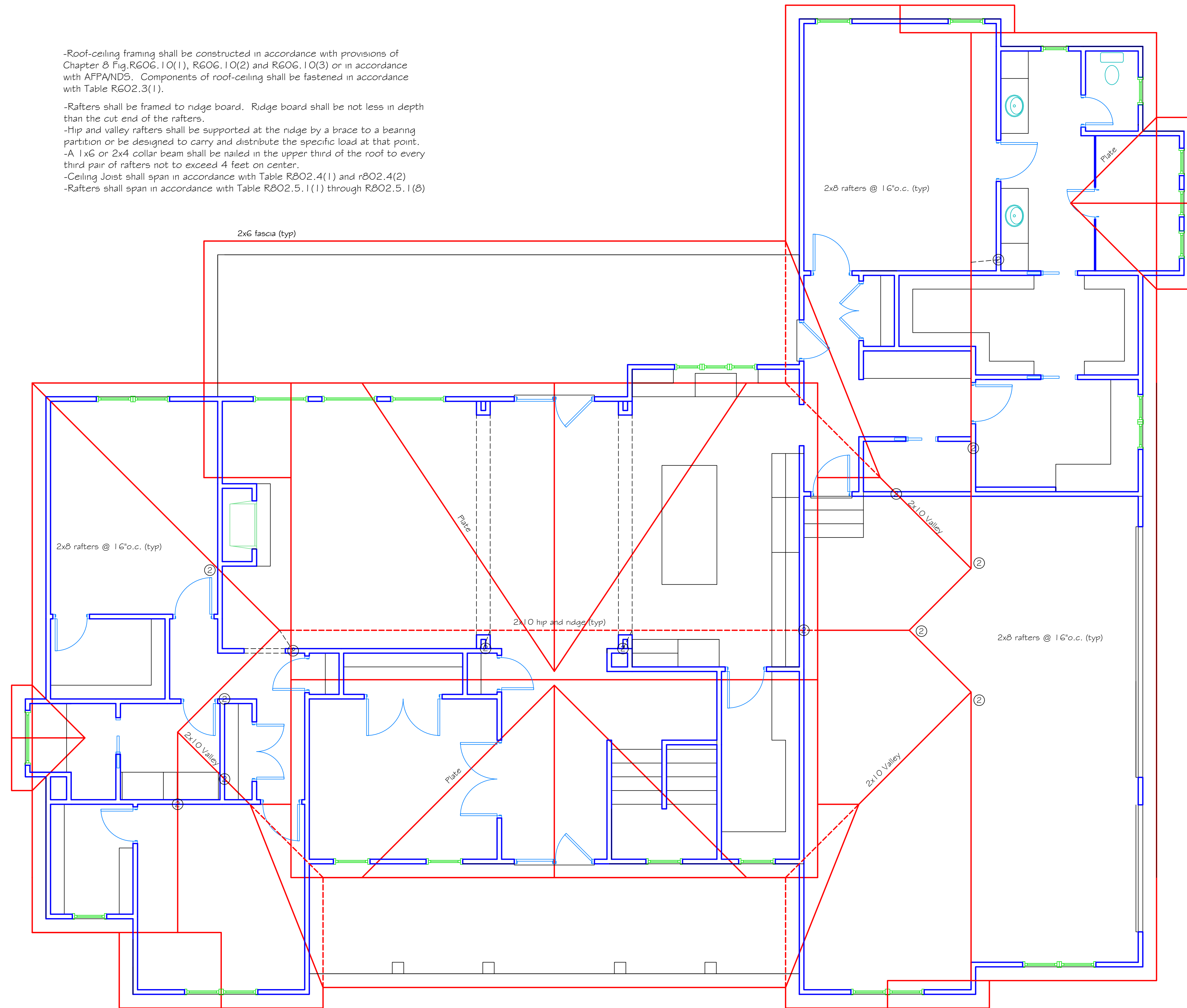
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-Ceiling Joist shall span in accordance with Table R802.4(1) and R802.4(2)

-Rafters shall span in accordance with Table R802.5.1(1) through R802.5.1(8)



ROOF SECTION

-Framing design based on the following loading conditions R301.4)

Attic with Storage	-20psf
Rooms other than sleeping	-40psf
Sleeping Rooms	-30psf
Passenger Vehicle Garages	-50psf
Maximum wind speed	-100mph

Verify seismic requirements for your area.

-All ceiling joist, rafters, girders, headers, sills, and beams shall be No.2 S.P.F. unless otherwise noted.

All floor joist are No. 1 SYP

-All load bearing walls shall be No. 2 S.P.F. unless otherwise noted.

-Average dead loads shall not exceed 15 psf for roof/ceiling assemblies or 10 psf for floor assemblies.

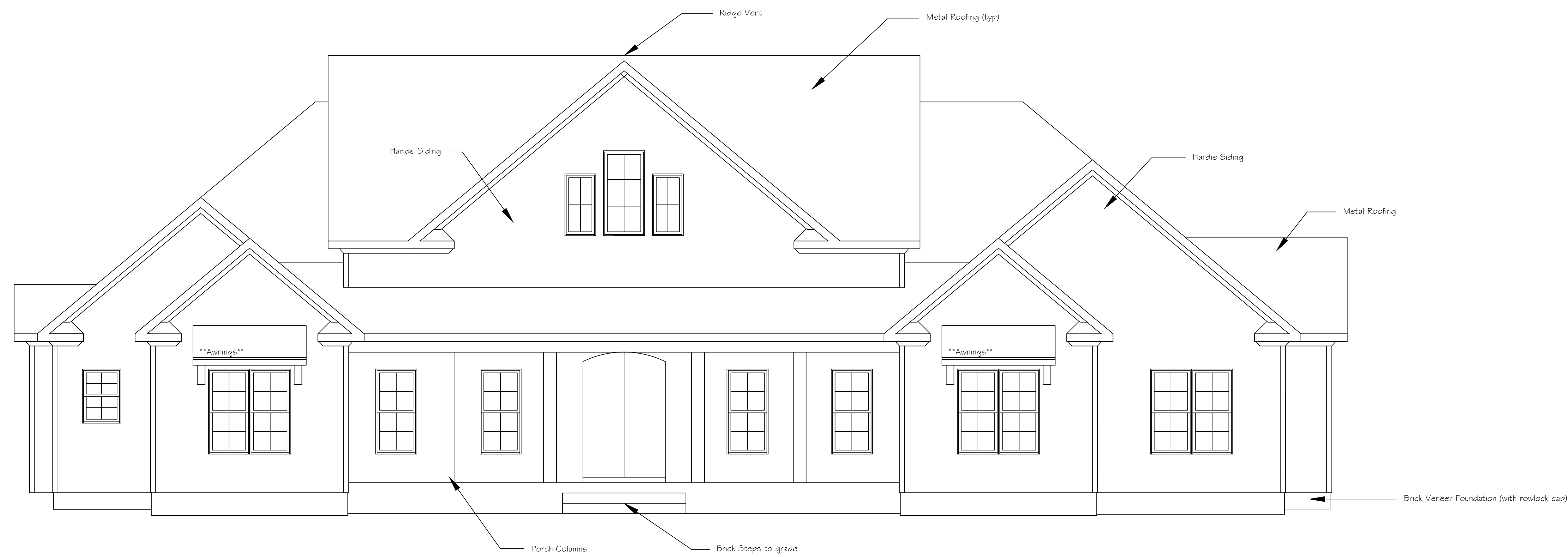
Exterior light-frame wood walls	-15psf
Interior light-frame wood walls	-14psf
8-inch thick masonry walls	-80psf
Attics without storage	-10psf

-All girder joist and ends of girders shall rest on solid bearing. Fill cores to footing with concrete.

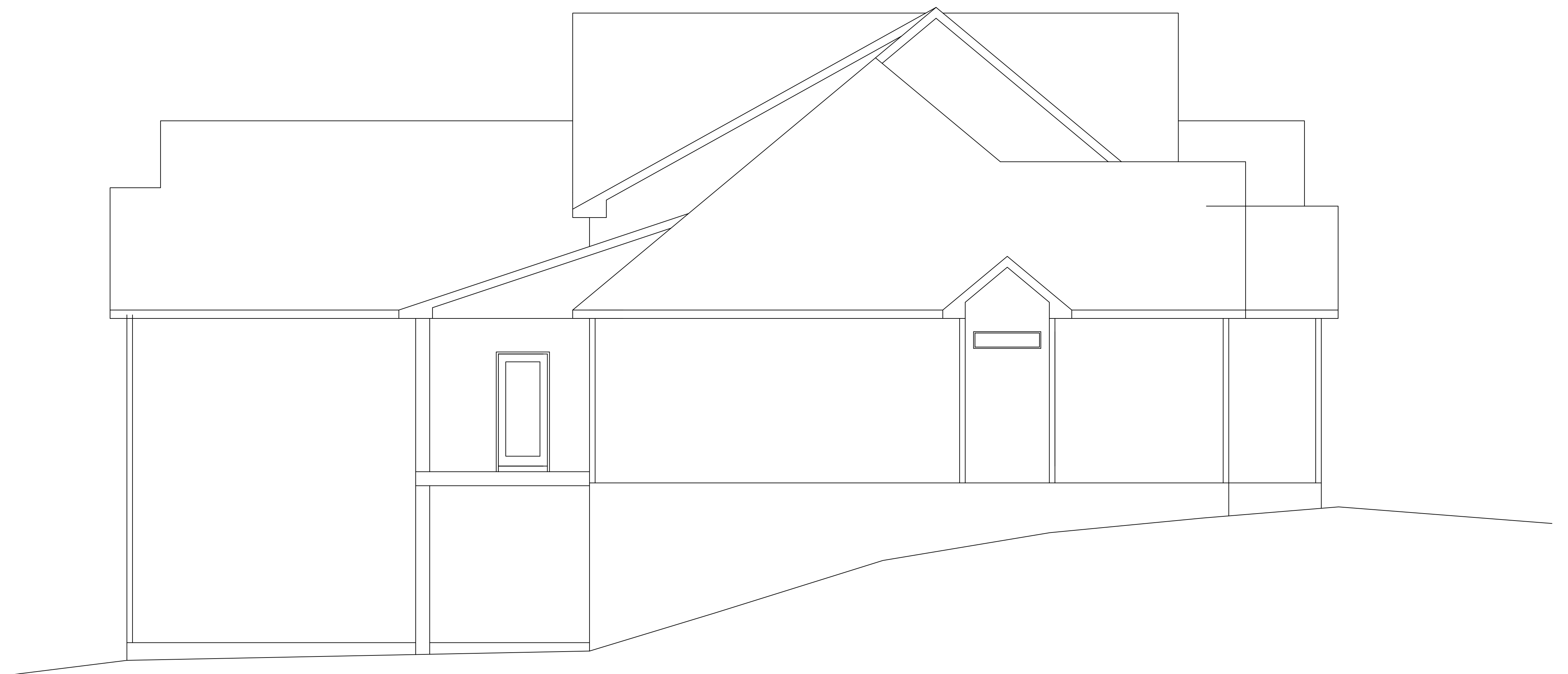
-Provide pressure treated lumber for sills, plates, bands, and any lumber in contact with masonry.

② Support Column to Load Bearing Point Below. Qty of Studs Required

Roof Framing Plan



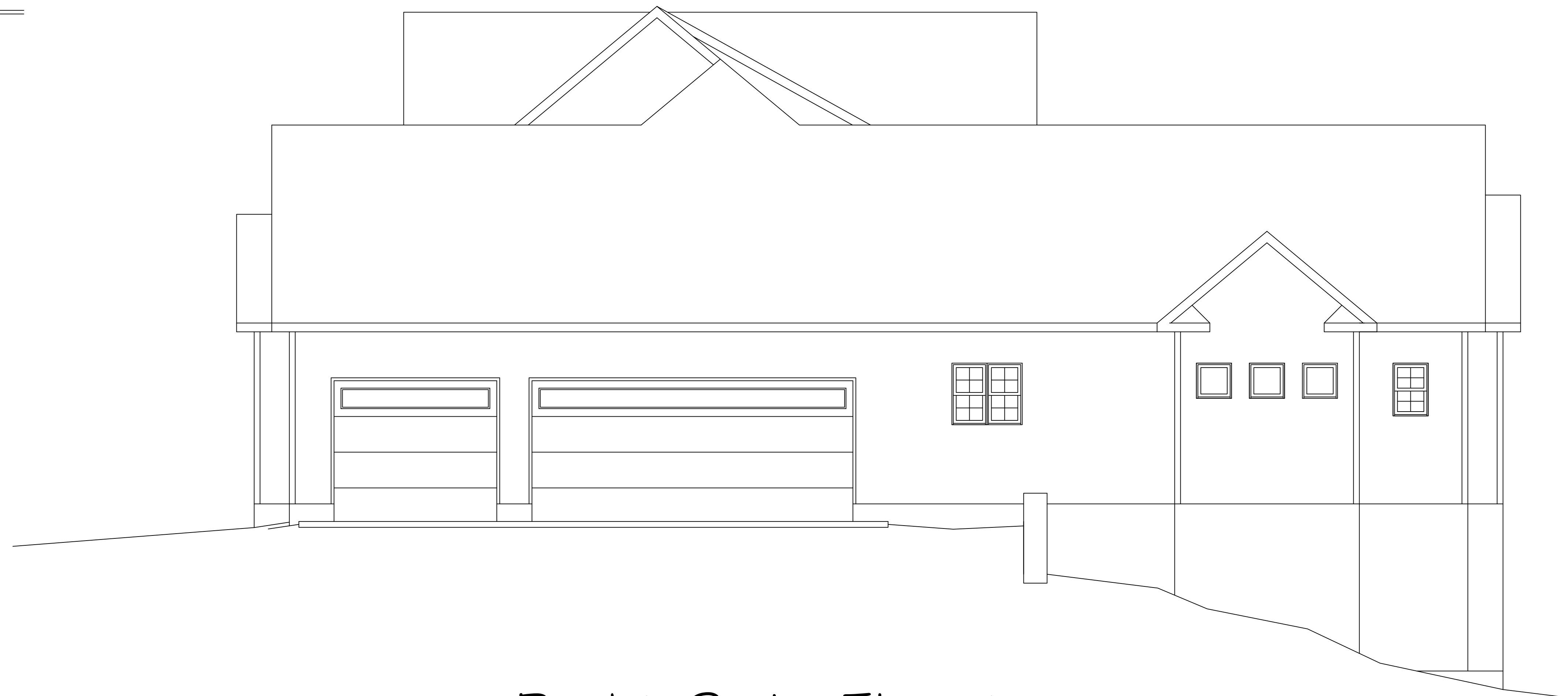
Front Elevation



Left Side Elevation



Rear Elevation



Right Side Elevation

SHOP DRAWING GENERAL INFORMATION PAGE

CODES & STANDARDS

Building Code:	2012/2015/2018/2019 IRC, 2012 IBC
ESR Report number:	ESR-1662 August 2018
3rd Party Inspection Agency:	PFS Corporation, Madison WI
Quality Assurance Manual:	Superior Walls of America 2005 Edition
Site Preparation Guide:	Superior Walls Builder Guideline Booklet Rev. June 2018
Fire Test Standards:	ASTM E119 ANSI/UL 1715

WALL MATERIALS

Concrete Compressive Strength:	Min. 5,000 PSI
water/cement Ratio:	<0.40
Reinforcing Steel:	No. 4 and larger - 60,000 PSI No. 3 and smaller - 40,000 PSI
Secondary Reinforcement:	Polypropylene Fiber
Embedded Wood Blocking	Preservatively Pressure Treated
EPS Foam Insulation:	Flame Spread: 20 Smoke Development: 240
XPS Foam Insulation:	Flame Spread: 5 Smoke Development: 165

SITE/WALL CONDITIONS

Frost Depth:	Min. 12 inches
assumed Soil Bearing Capacity:	2,000 PSF
Seismisc Category:	A, B, C
Basic Wind Speed:	155 maximum PSF
Wall Loading:	7,500 Pounds/LF (uniform) Maximum
Brickledge Loading:	2,900 Pounds/LF Maximum
Crushed Stone Footing Depth:	Min. 6 Inches thick or more (see table in Builder Guideline Booklet Table R403.4)
Crushed Stone Size:	$\frac{3}{8}$ Inch and smaller (cleaned)
Backfill Material:	100 LB/CF Equivalent Fluid Pressure Max (see Builder Guideline booklet for more information)
Beam Pocket(s) & Point Load(s):	38,000 Pound Maximum - Data supplied by Customer/Builder (see plan for location and sizes)

GENERAL NOTES

- Jobsite shall be prepared by the builder in accordance with the Superior Walls of America builder Guideline Booklet - Site Preparation and Framing Attachment Requirements (Rev. January 2016).
- Auxiliary drain pipe must be four (4) inch diameter perforated, covered with filter fabric and directed to a sump pit or daylight.
- Builder shall establish the elevation benchmark (if necessary)
- Builder shall insure proper site access for trucks and crane.

INSTALLATION NOTES

- Installation shall be supervised by a Superior Walls certified installer. Certification is obtained through Superior Walls of America, Ltd.
- Installation shall comply with Superior Walls of America's Installation Manual (Rev. July 2011).

DRAWING NOTES

- All measurements for brick, stone, or support ledges are from Top Of Wall (TOW).
- Drawings are not to scale.

DAMP PROOFING

Superior Walls are recognized by the ICC-ES as an alternative method of providing foundation wall damp proofing. No additional damp proofing is required. (See ESR-1662 & ICC-ES Legacy Report 21-72)

PLEASE NOTE

To comply with building code requirements, the framing/decking connections at the top of the Superior Walls and floor slab at the bottom of the Superior Wall **MUST** be completed **PRIOR** to backfilling.

CUSTOMER RELEASE

The attached drawing was created from information and dimensions provided by the customer/builder. Superior Walls of North Carolina, Inc. is not responsible for deviations from the Blue Print or information provided by the customer/builder.

I have reviewed the attached drawing & all of the dimensions and objects therein; I understand the Superior Walls will be custom manufactured per this drawing specifically for my project. By signing below I am certifying that I have reviewed the attached drawing and all of its listed dimensions and I accept **FULL RESPONSIBILITY** of any and all measurements and information provided by me/my associates/my company.

CUSTOMER MUST SIGN & DATE BELOW

Customer/Builder Signature & Date

PROJECT:

Job Number: -
Job Name: Keane
Job Address: ----
Lot #: ----

BUILDER:

Company: Brad Cummings Const

Contact: ----
Phone/Email: ----

MUNICIPALITY:

Harnett County
----, NC



3570 S. Main Street
Salisbury, NC 28147
Phone: 704-636-6200
Toll-Free: 877-896-9255
www.superiorwallsnc.com

DRAWING DATA:

Job Number: -
Sales Rep: JOHN COBB

Drawn By: KM

Date Created: Jan. 31, 2022
Date Modified: Nov. 01, 2022
Revision: 3

Pages: 5

4' WALLS - TOTAL LENGTH: 39'-3 1/2"
 10' WALLS - TOTAL LENGTH: 251'-1 1/2"

1/2" DIA. x 6" BOLTS FOR SILL PLATE

#	DESCRIPTION							
31	BRICK LEDGE TOTALING 264'-2 1/4"							
8	SLAB CONNECTOR							
44	L.F. OF SHOE BLOCK TOP (24" H x 5" D)							
ID	#	OBJECT	DESCRIPTION	WIDTH	HEIGHT	FROM TOP OF WALL	FROM BOT OF WALL	MAX HDR CAPACITY
A	1	DOOR	STYLE 1	38"	83"	33"	4"	5500 PLF
B	1	CUTOUT	SUPPORT CUT	6"	48"			
C	1	CUTOUT	GARAGE CUT	111"	24"			
ID	#	OBJECT	DESCRIPTION	WIDTH	HEIGHT	DEPTH		
D	1	BEAM POCKET		8"	14"	6"		
E	5	BEAM POCKET		6"	9 1/4"	6"		
ID	#	OBJECT	LENGTH	WIDTH	THICKNESS	DESCRIPTION		
F	1	FOOTER PAD	36"	36"	4 1/2"			

PLEASE NOTE:
 Adjustments made after sign-offs may incur an additional \$200 service charge

OWNER/BUILDER NOTIFICATION:
 BY SIGNING THESE DRAWINGS YOU ARE ACKNOWLEDGING THAT THE WALLS WILL BE BUILT TO THE DIMENSIONS INDICATED ON THESE PLANS, AND THAT YOU ARE ASSUMING ANY AND ALL LIABILITY THAT MAY RESULT FROM THE WALLS BEING MANUFACTURED AS SHOWN

BUILDER CHECK LIST:
 -RO's/DIMS/WALL HEIGHT CORRECT?
 -OBJECT OPENINGS CORRECT?
 -WOOD BUTTS IND./REQ'D?
 -SUPPORT/BRICK LEDGES CORRECT?
 -EXTRA SUPPORT IND. FOR PT. LOAD?

SIGNATURE: _____
 DATE: _____

REV.	DATE	BY
1	10-05-22	KM
2	10-28-22	BS
3	11-01-22	BS

PROJECT: **Keane**
 BUILDER: **Brad Cummings Const**

STATUS: ISSUED FOR APPROVAL

SALESMAN: John Cobb

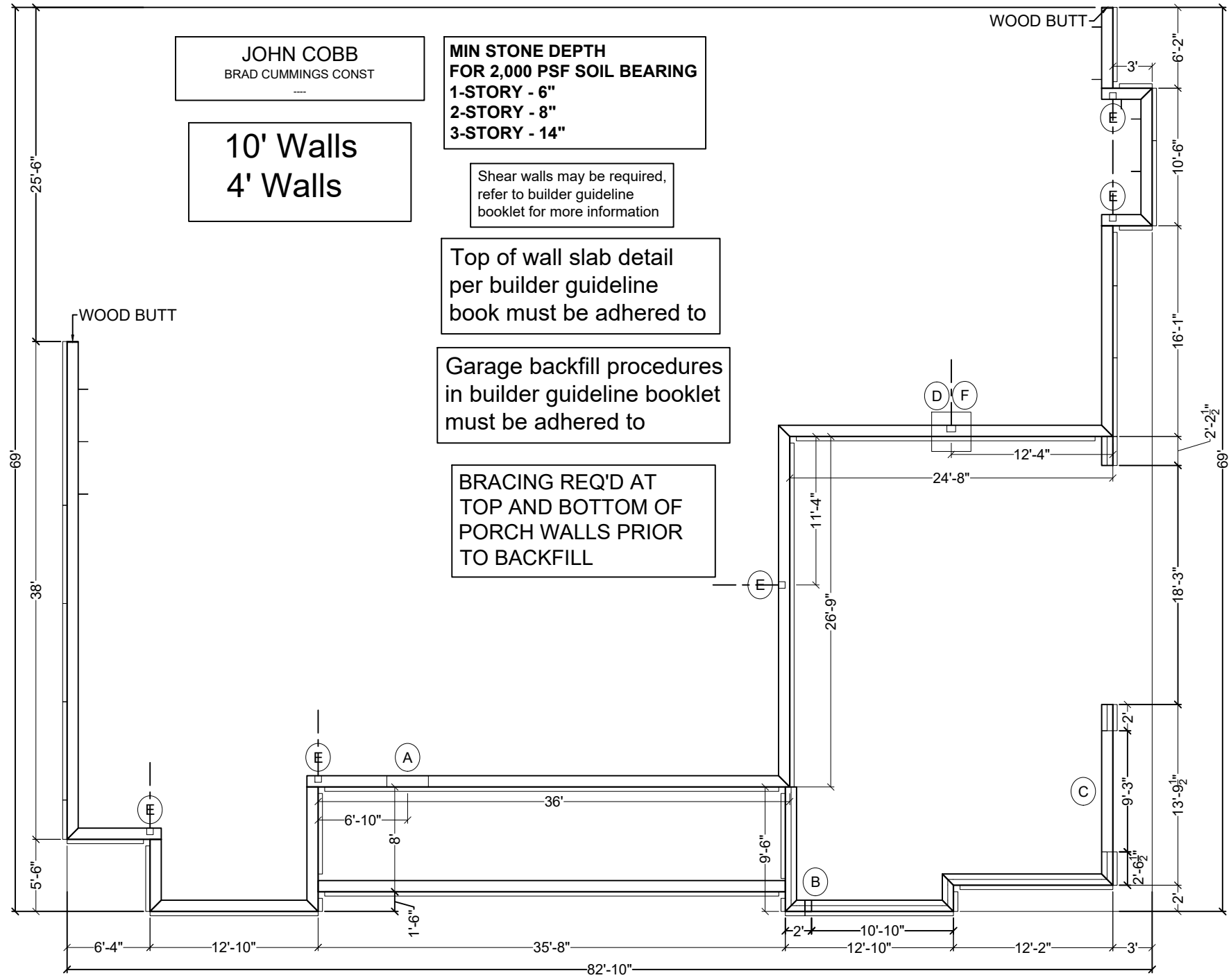
FILENAME: Keane

SHEET TITLE: SUMMARY

SHEET NO. 2 of 5

THESE DRAWINGS ARE APPROVED FOR FINAL PRODUCTION AS ILLUSTRATED AND NOT SUBJECT TO CHANGE.

CUSTOMER SIGNATURE: _____ DATE: _____



JOHN COBB
BRAD CUMMINGS CONST

10' Walls
4' Walls

MIN STONE DEPTH
FOR 2,000 PSF SOIL BEARING
1-STORY - 6"
2-STORY - 8"
3-STORY - 14"

Shear walls may be required,
refer to builder guideline
booklet for more information

Top of wall slab detail
per builder guideline
book must be adhered to

Garage backfill procedures
in builder guideline booklet
must be adhered to

BRACING REQ'D AT
TOP AND BOTTOM OF
PORCH WALLS PRIOR
TO BACKFILL

REV.	DATE	BY
1	10-05-22	KM
2	10-28-22	BS
3	11-01-22	BS

PROJECT: **Keane**
BUILDER: **Brad Cummings Const**

STATUS: ISSUED FOR APPROVAL

SALESMAN: John Cobb

FILENAME: Keane

SHEET TITLE:
PLAN W/O DIMS

SHEET NO. 3 of 5

CUSTOMER SIGNATURE: _____ DATE: _____



3570 S. Main Street
 Salisbury, NC 28147
 Phone: 704-636-6200
 Toll-Free: 877-896-9255

REV.	DATE	BY
1	10-05-22	KM
2	10-28-22	BS
3	11-01-22	BS

**Keane
 Brad Cummings Const**

PROJECT:

BUILDER:

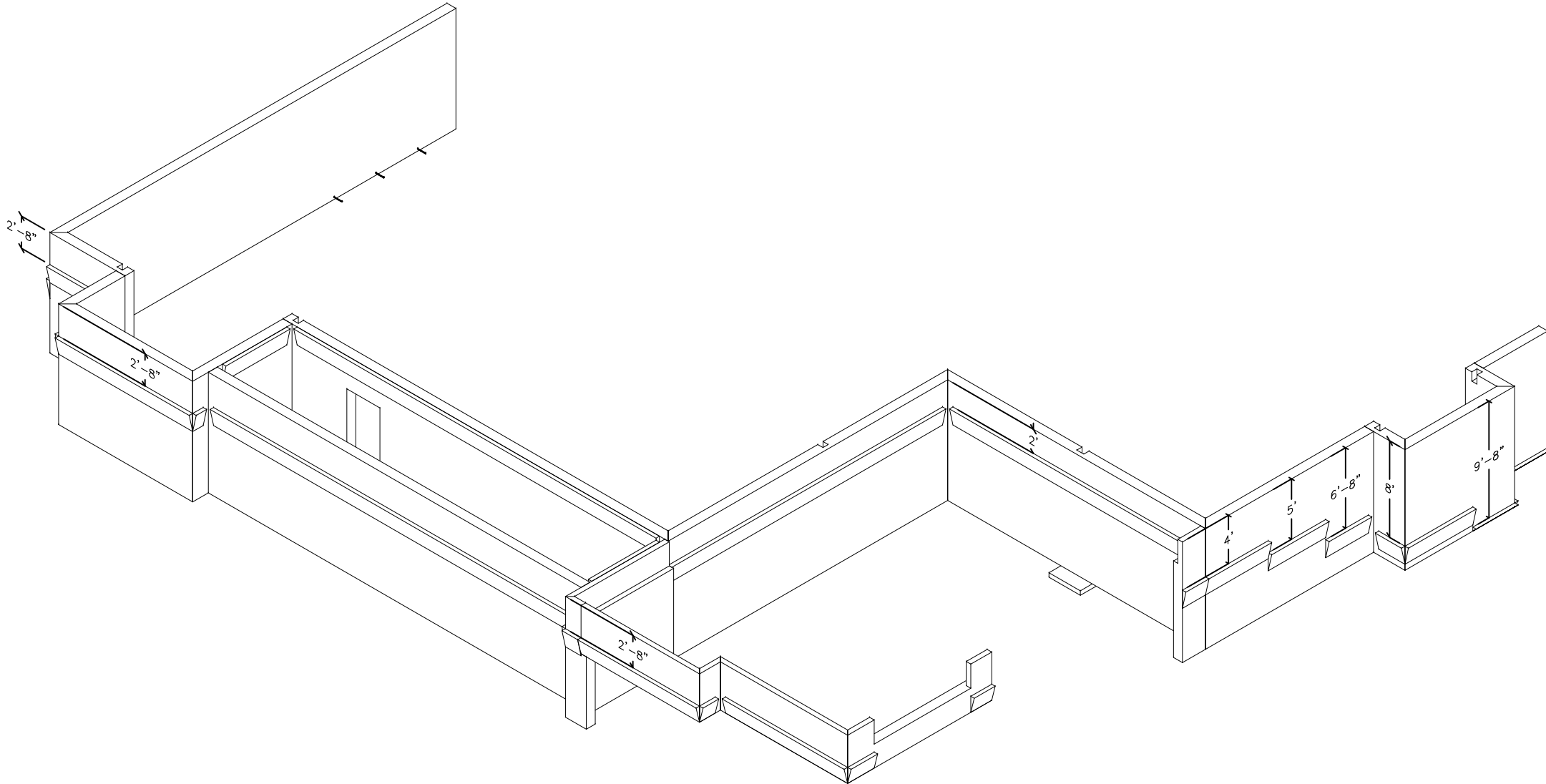
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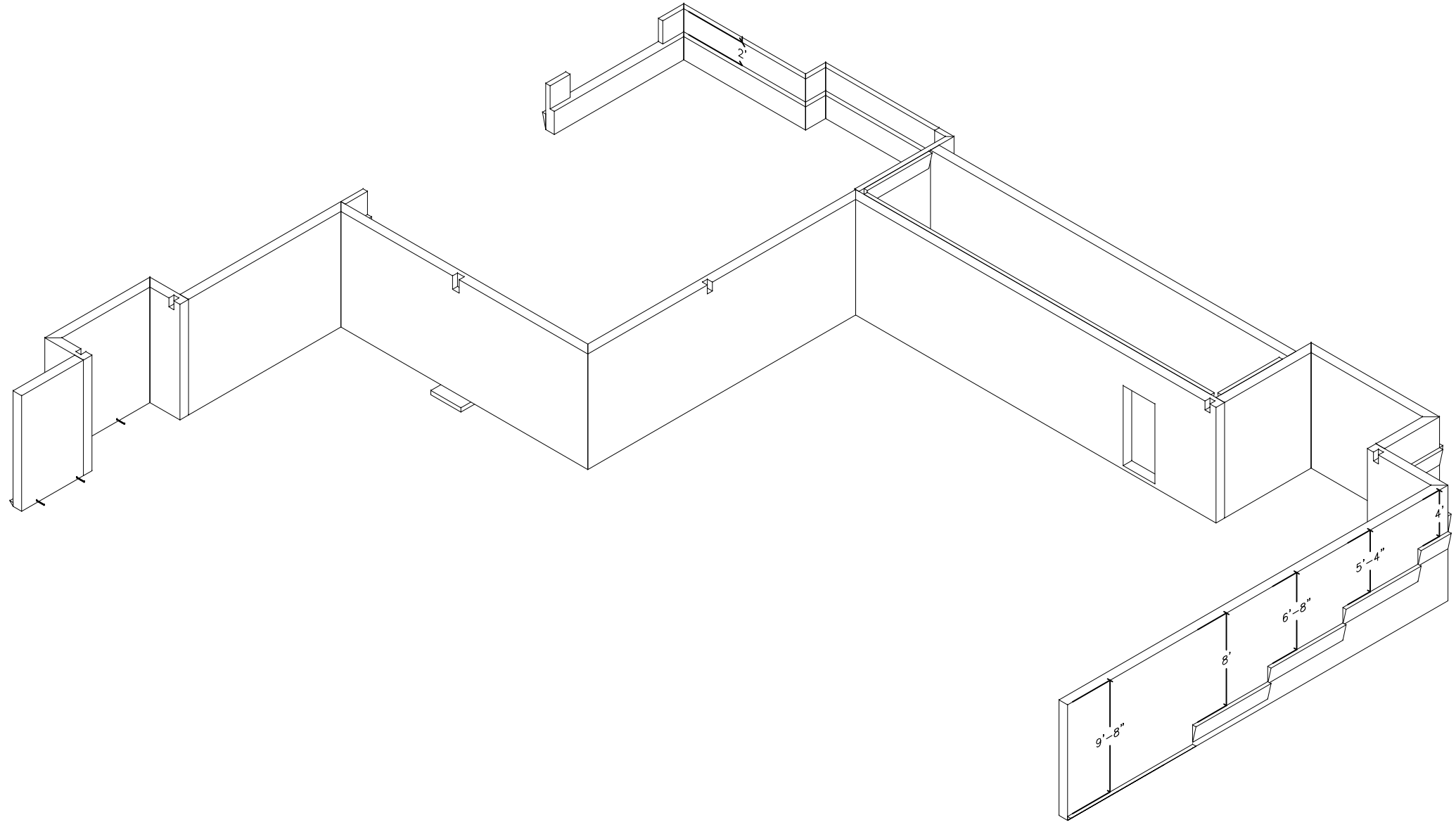
FILENAME: Keane

SHEET TITLE:
 ISOMETRIC 1

SHEET NO. 4 of 5



CUSTOMER SIGNATURE: _____ DATE: _____



REV.	DATE	BY
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2	10-28-22	BS
3	11-01-22	BS

PROJECT: **Keane**
BUILDER: **Brad Cummings Const**

STATUS: ISSUED FOR APPROVAL

SALESMAN: John Cobb

FILENAME: Keane

SHEET TITLE: ISOMETRIC 2

SHEET NO. 5 of 5

CUSTOMER SIGNATURE: _____ DATE: _____