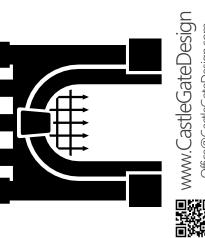


CastleGateDesign
545 Shoup Ave Ste 207
Idaho Falls, ID 83402
(208) 881-8079 (o)
http://www.CastleGateDesign.com
Office@CastleGateDesign.com

DESIGNER / DRAFTSMAN	Johnathan Duncan	SCALES VALID WHEN PRINTED ON 24X36
DESIG	Joh	S M

Square Footage	
LEVEL	SF
1-Main	2,415
2-Upper	1,435
3-Bonus	787
4-Garage	1,075
5-Porch (f)	831
6-Porch (b)	592

BUILDING INFO: Custom Home



221146-Lewis v28.1.pln

Slient

ROJECT #: 221146

PLAN DATE:
6/5/2024
PLOT DATE:
6/6/2024

ALL EXTERIOR WALL OPENINGS TO HAVE (2) 2x10's FOR A HEADER U.N.O.



CUSTOM HOME DESIGN FOR:

# **GENERAL CONSTRUCTION NOTES:**

- 1) The contractor is to review & verify these drawings in their entirety before attempting to build. Any & all discrepancies are to be reported to CastleGateDesign prior to beginning construction. Any errors due to not reviewing the plans will be the contractor's responsibility.
- 2) If a Structural Engineer is not Contracted by or at the owners request to size all structural portions of this building then the Owner & or Builder will be responsible for all structural designs. By building or starting to build this building without the proper Engineering the owner & or builder are in agreement to accept all responsibility & liability for this building.
- 3) All building methods by the Owner, Builder, Contractors, or Subcontractors or any other persons or entities employed or contracted to work on the building are to comply with the local building codes in there entirety & with no exceptions. If there are no local building codes then all participating parties are to comply with the States building codes or the current UBC or ICBO building codes.
- 4) All specifications in the drawings indicate the building in the finished state. The parties building all or part of the building are responsible for sound, current, & safe building practices, & on site safety. Including temporary support for partial walls, roofs, decks, etc. The parties building all or part of the building shall not overload any portion of the home and shall have no loads that exceed the maximum indicated by the engineer (if applicable to this building) for any duration of time, temporary or permanent.
- 5) The owner / contractor shall verify all materials and existing conditions at the job site, and fully coordinate all dimensions and conditions of details with other disciplines before attempting to build.
- 6) Any and all variances due to the builder, owner, or any other party without written consent in the design stage or afterwards will void all liabilities from the Engineers, designers, & other parties involved in the design stages of the building. The owner & or builder agree to hold harmless all parties involved in the design stage from any claims resulting from variances.
- 7) In the event of a conflict between pertinent codes and regulations and referenced standards on these plans, the more stringent provisions will govern.
- 8) Any design loads shown are assumed loads. The owner and contractor are responsible for checking the actual soil and snow load requirements. The owner & contractor are also responsible for obtaining a soils report if necessary.

### **GENERAL BUILDING NOTES:**

- 1) The foundation is to be as per local code w/ footings placed as per local codes w/ frost line depths being met. Due to great variance in grade from building site to building site. it may be necessary to step the foundation to meet code.
- 2) The soil conditions & any required testing are the responsibility of the owner & or builder. If unique conditions are found then it is the responsibility of the parties finding the conditions to report them to the proper engineers for adequate modifications for the foundation.
- 3) Final finished grade is to be at least 6" from the top of the foundation with a recommended 12" to 18". If local codes require something different then that code is to be followed. Finished grade is to provide sufficient drainage away from the building with slope, French drains or other as permitted by local codes. Sufficient drainage varies from area to area due to weather conditions so it is the responsibility of the owner & or builder to provide such drainage specifications or to acquire specifications from the local authorities.
- 4) Foundation reinforcement & mechanical connections shall comply with local Seismic & Building code.

#### **GRADING & DRAINAGE:**

- 1) It is the responsibility of the building parties to verify grade and to build accordingly. Any req'd steps in the foundation are the responsibility of the building parties. It is the building parties responsibility to keep the work area safe while digging, scraping, backfilling and in all other aspects of the building project and practices.
- 2)It is the responsibility of the building parties to supply adequate drainage grade & or drainage systems in the lot surrounding the building & in the foundation as req'd by local codes & as needed for local conditions. Use gravel as requested by owner for extra drainage.
- 3) Finished grade is to provide sufficient slope for drainage away from the building in all seasons & as req'd by local code.

#### **PLANS:**

- 1) Great care and proficiency has been put into producing accurate plans. Any discrepancies in the plans shall be brought to the attention of CastleGateDesign before attempting to build. However due to the impossibility of being on the site of construction, providing close supervision, giving personal consultations, having control over the actual construction, & due to the great variation of building materials, methods, practices, regulations, local codes, local building conditions, & weather conditions, CastleGateDesign assumes NO liability or responsibility for any damages due to poor building methods, practices, errors or omissions, the failure to meet any & all codes, and the failure of the builder to verify plans before attempting to build. If the owner & or builder chooses to not have these plans reviewed by a structural engineer then the party making the decision is responsible for all structural & other related areas of the building.
- 2) The plans should be reviewed thoroughly & an understanding of the plans & accepted building practices & codes should be reached before attempting to build.
- 3) All written dimensions shall take precedence over scaled dimensions. Scaling off of the plans is not recommended and may lead to error in the final structure. The builder is to verify plans before attempting to build. While every attempt has been made to provide accurate plans CastleGateDesign will not guarantee against errors. The builder is to verify plans before attempting to build.

## **CONCRETE:**

1) All steel or other reinforcing in the concrete is to be to local Building Codes. The Building parties are responsible to ensure that all building methods & practices are upheld.

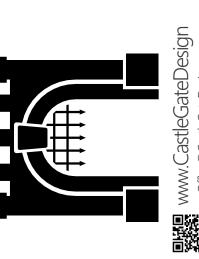
These copyrighted plans are the property of CastleGateDesign. These plans are not to be copied or adjusted without written consent from CastleGateDesign.

- 2) All reinforcing is to be of accepted methods & materials before beginning. Such as "re bar" that is grade 30 for #3 bar & grade 60 for #4 bar & bigger. Bar is to not be bent in the field unless it is the standard sizes of #4, #5, &#6 bars. All bar is to be bent cold and shall not be welded.
- 3) Weld wire mesh may be used in the floors as accepted by local codes, and only those meshes that are approved for such use.
- 4) Lap joint lengths are to be as follows. #3 bar 18" minimum or as per code. #4 bar 24" minimum or as per local code. #5 bar 32" minimum or as per local code. #6 bar 40" minimum or as per local code. Weld wire mesh shall overlap 24" minimum, & (1) grid width plus 2" minimum. All reinforcement is to be accurately placed & supported as per code during pouring of the concrete.
- 5) Reinforcing in all footings & walls shall be continuous around corners or have corner bar provided.
- 6) Use vapor barriers below slabs as per local code.

SCALE WHEN ON

Square Footage	
LEVEL	SF
1-Main	2,415
2-Upper	1,435
3-Bonus	787
4-Garage	1,075
5-Porch (f)	831
6-Porch (b)	592

BUILDING INFO: Custom



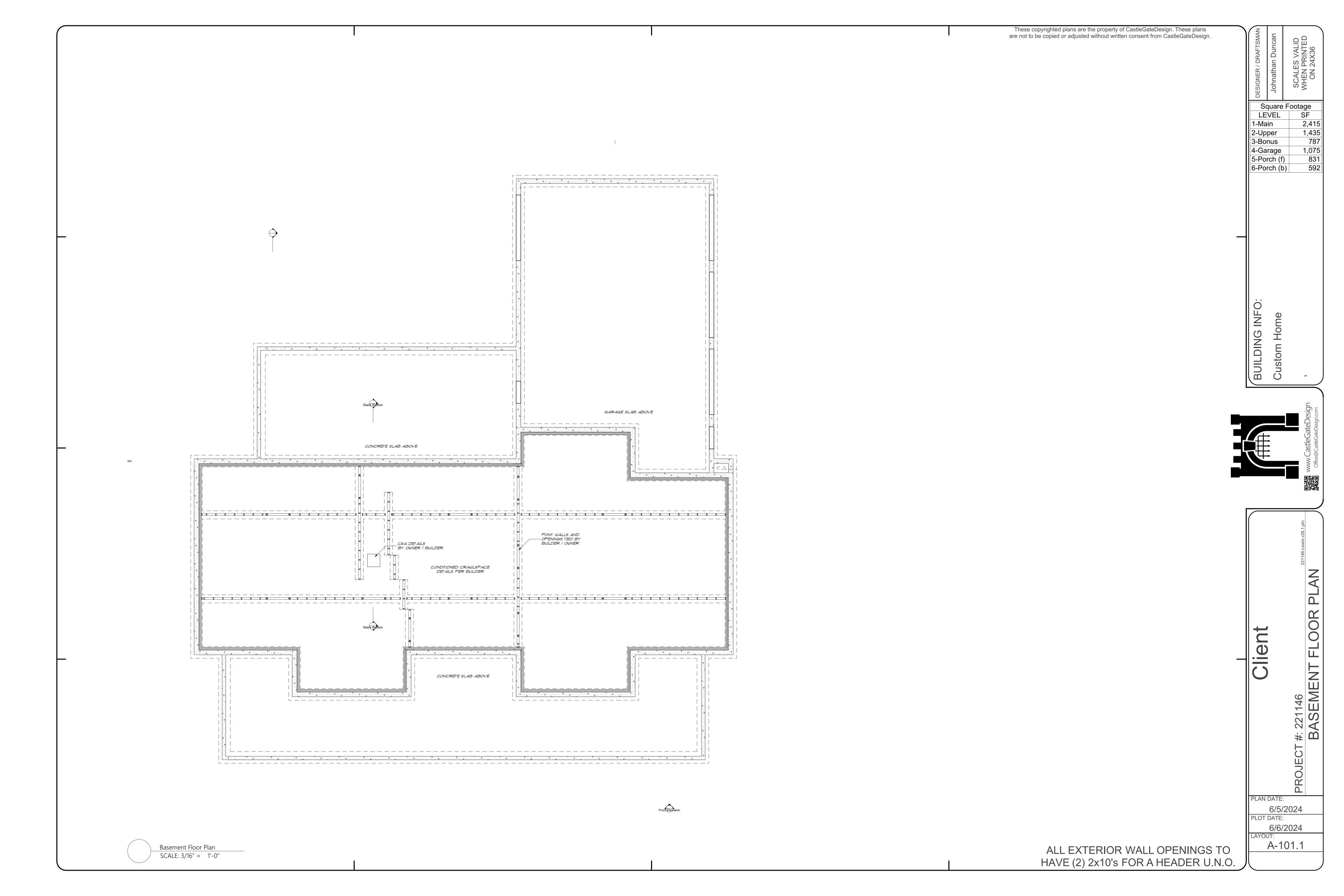
THESE PLANS WERE PREPARED BY A DESIGNER WHO IS NOT AN ENGINEER AND EXPRESSLY DISCLAIMS ANY LIABILITY FOR ERRORS OR OMMISIONS OF ANY KIND WHICH MAY EXIST HEREIN. THE USER OF THESE ASSUMES ALL LIABILITY FOR ACCURACY, INCLUDING VERIFICATION OF ALL DIMENSIONS, COMPLIANCE WITH ANY AND ALL GOVERNING CODES, AND COVENANTS HAVING JURISDICTION OVER THE SITE OF CONSTRUCTION AND DETERMINING ANY MODIFICATIONS NECESSARY TO MEET ACTUAL SITE CONDITIONS. THE SELECTION OF CORRECT STRUCTURAL MATERIALS AND THE APPLICATION OF ARCHITECTURAL PRINCIPLES IS A PRECISE ART, THE RESPONSIBILITY FOR WHICH RESTS WITH THE BUILDER, THE OWNER, AND/OR THE USER OF THESE PLANS.

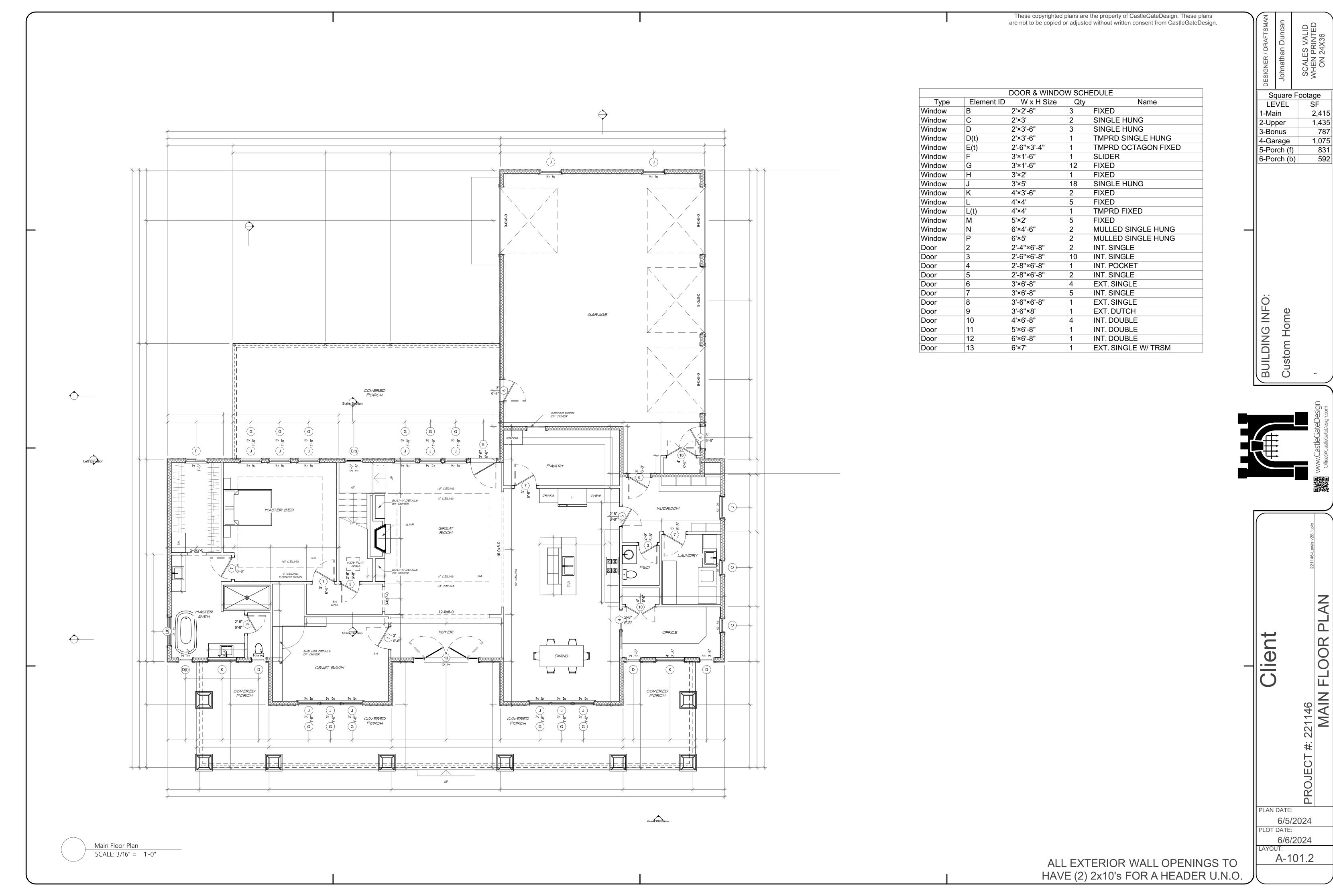
> THESE PLANS ARE TO BE USED ONLY FOR THE PEOPLE AND PLACE STATED. THESE PLANS MAY NOT BE USED WITHOUT WRITTEN PERMISSION FROM CASTLEGATEDESIGN.

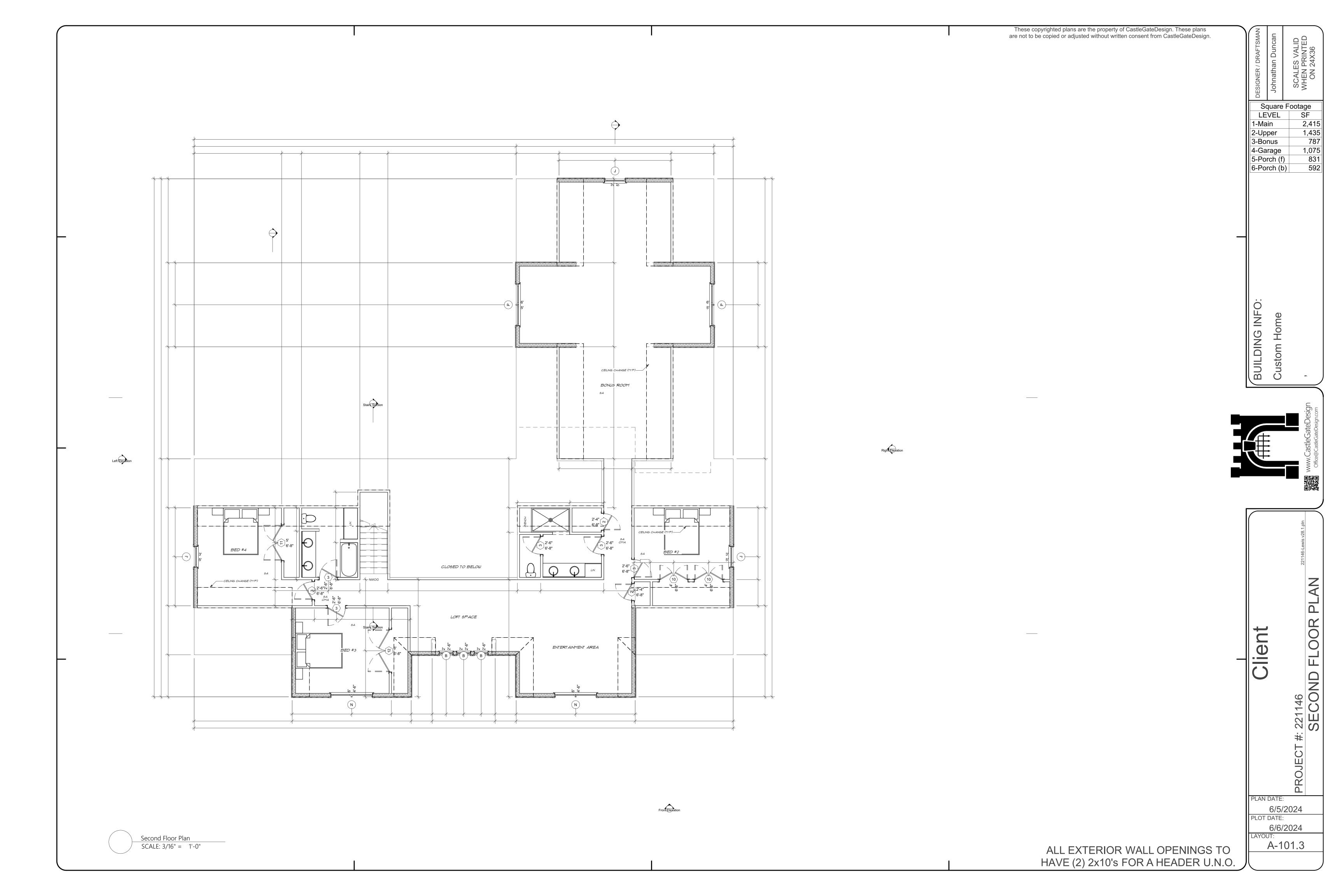
THE OWNER / BUILDER ARE RESPONSIBLE FOR AQUIRING AN ENGINEER TO SIZE STRUCTURAL MEMBERS. IF ENGINEERING IS NOT DONE THEN THE OWNER / BUILDER IS LIABLE FOR THE STRUCTURAL MEMBERS.

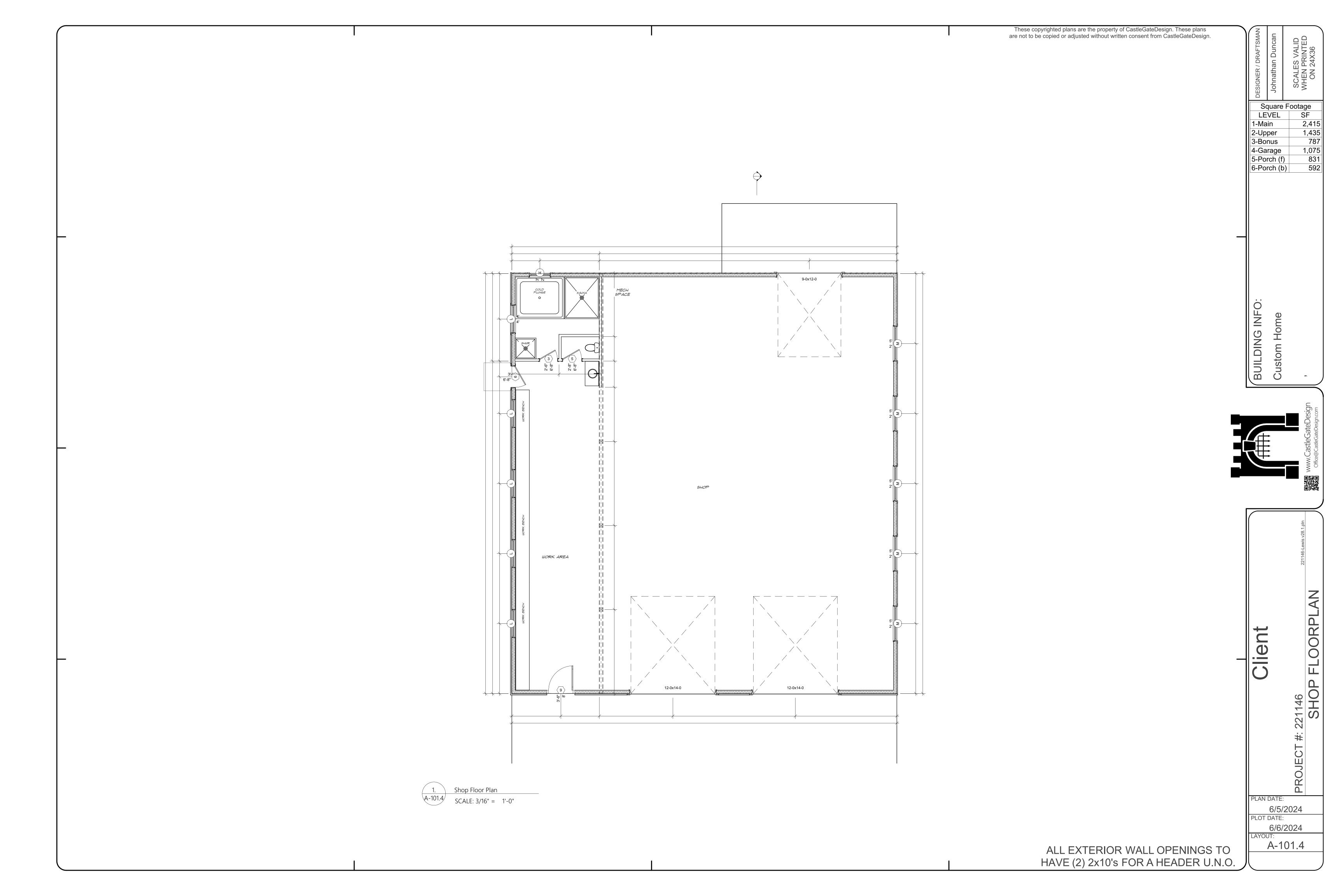
Disclaimers PLAN DATE: 6/5/2024 PLOT DATE: 6/6/2024

ALL EXTERIOR WALL OPENINGS TO HAVE (2) 2x10's FOR A HEADER U.N.O.



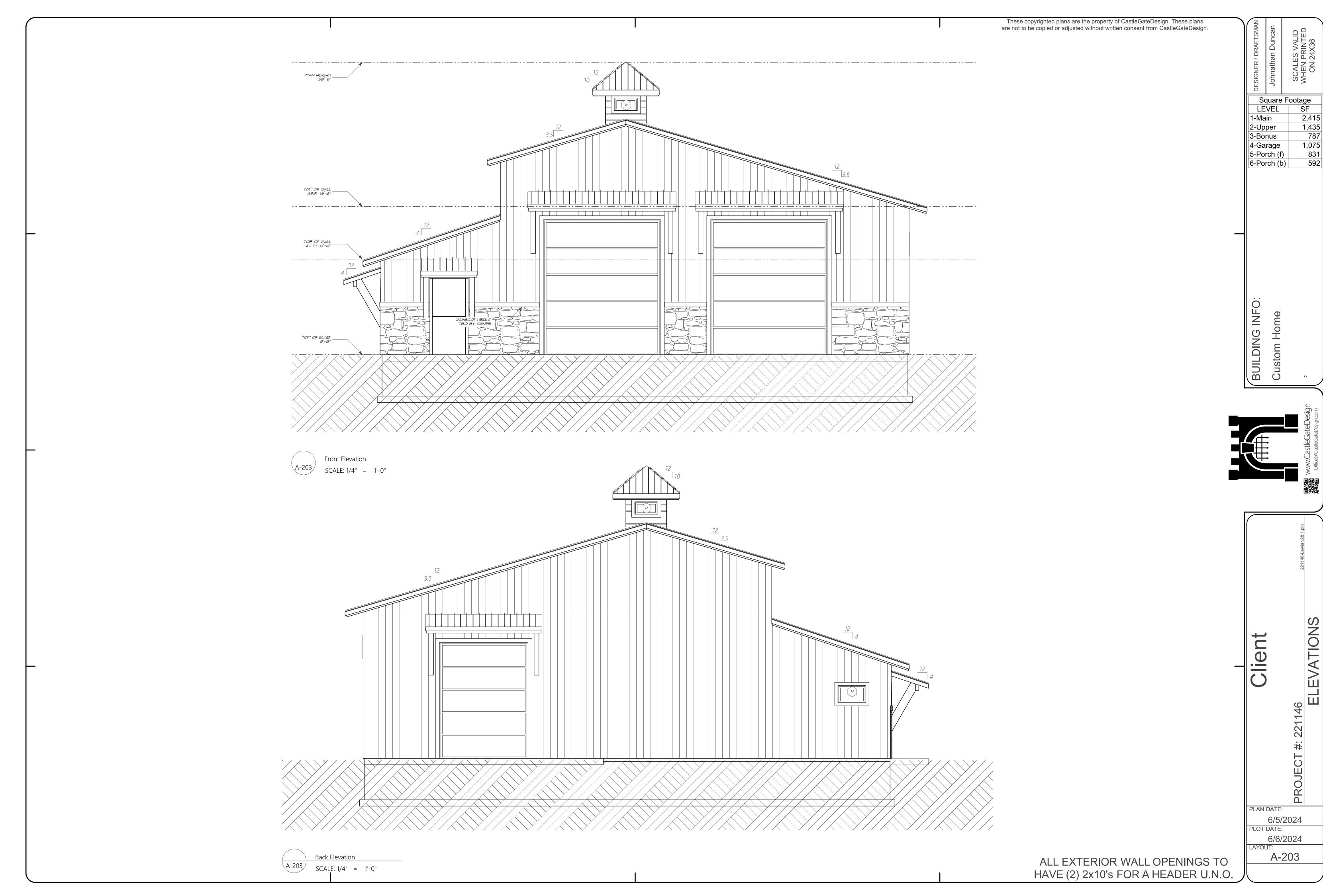


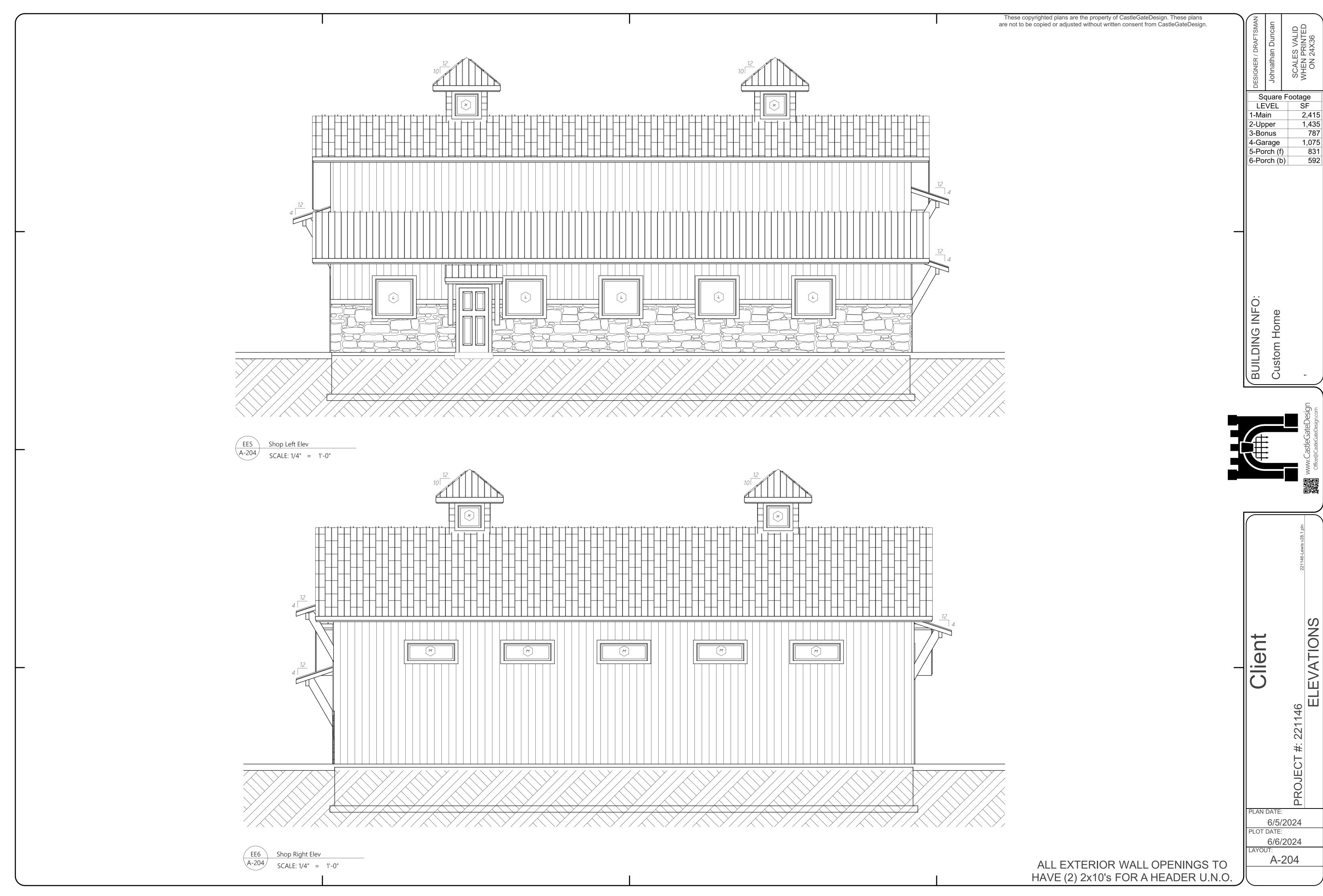










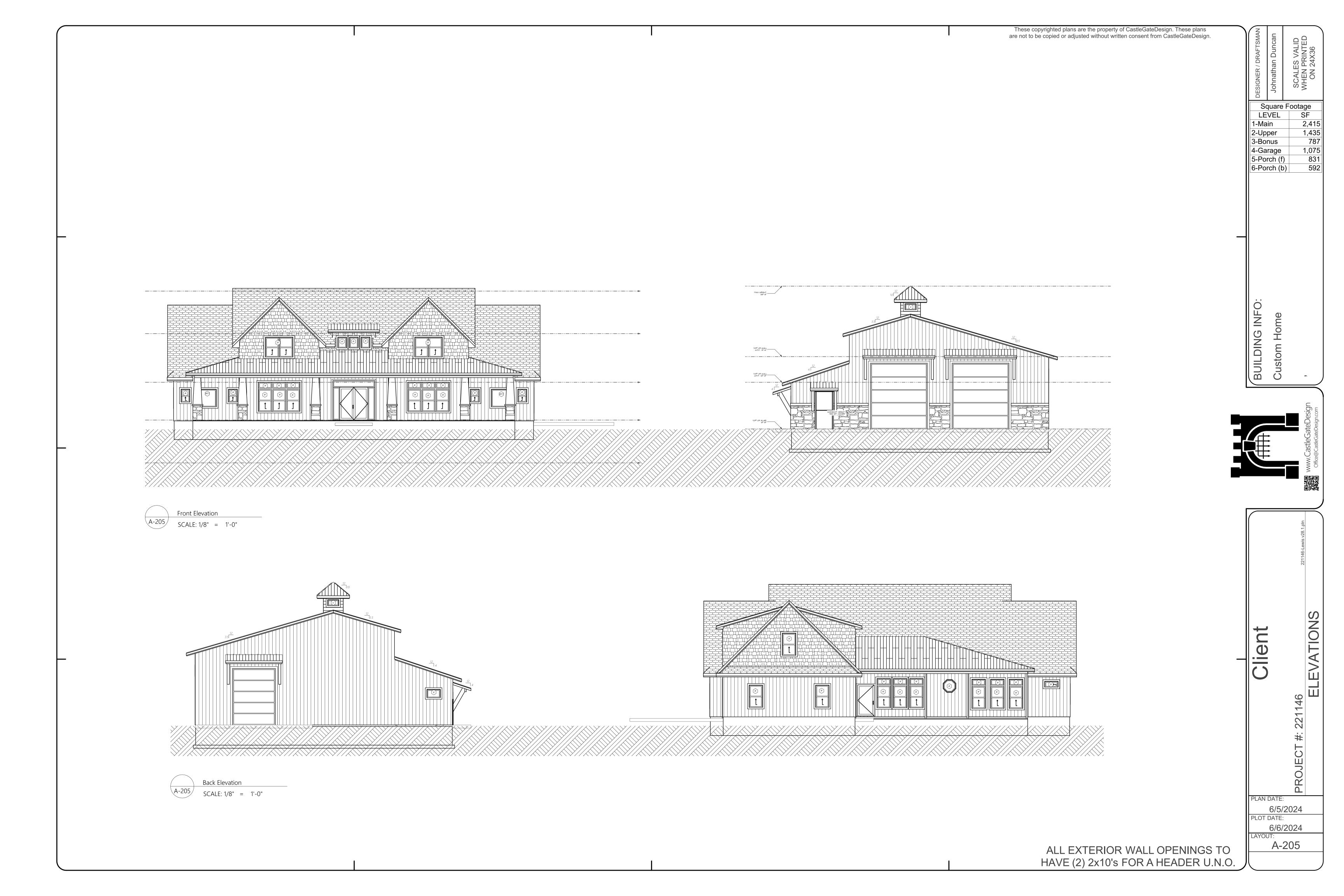


Square Footage		
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1-Main	2,415	
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3-Bonus	787	
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5-Porch (f	831	
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	,	

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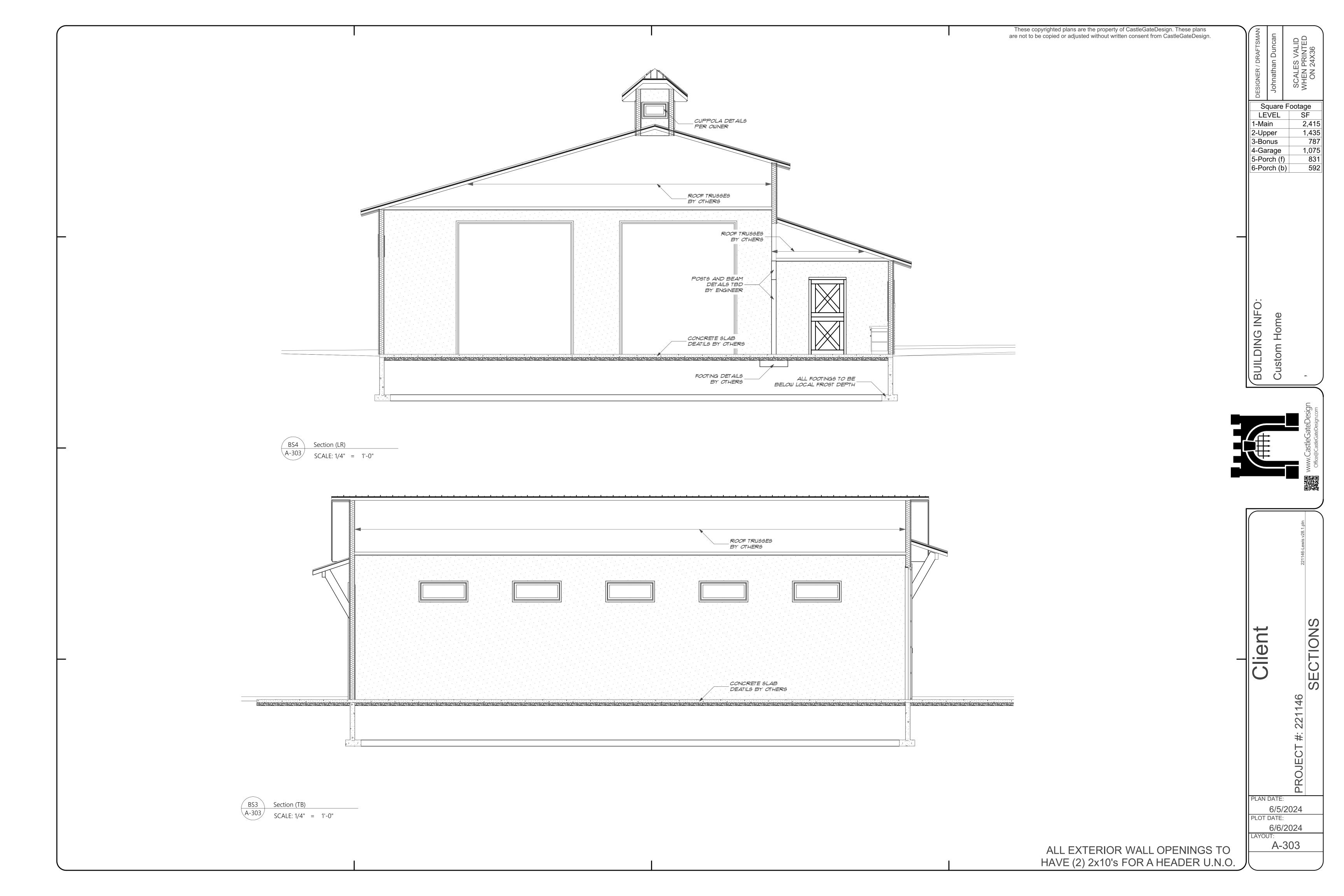
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LEVEL	SF	
I-Main	2,415	
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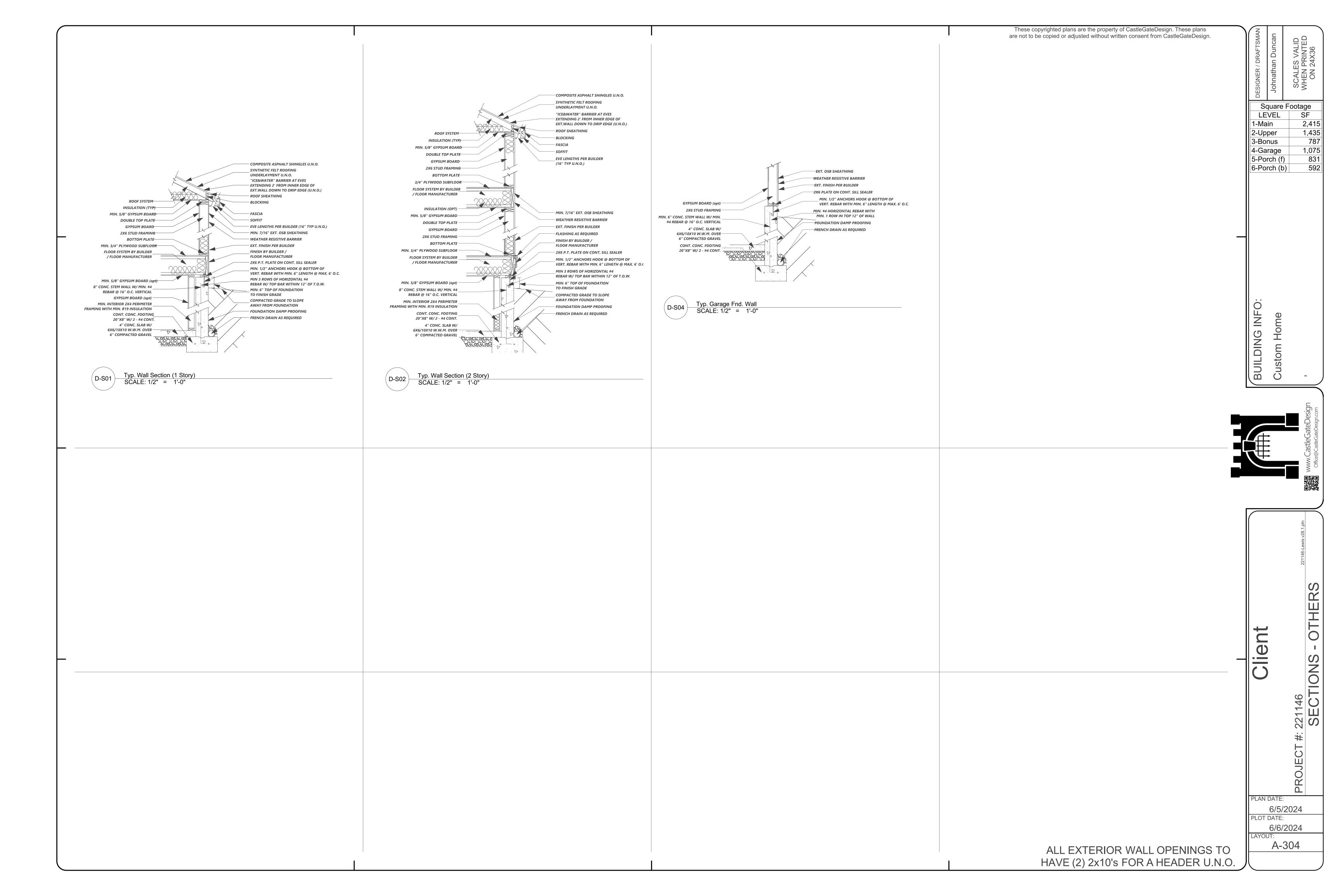
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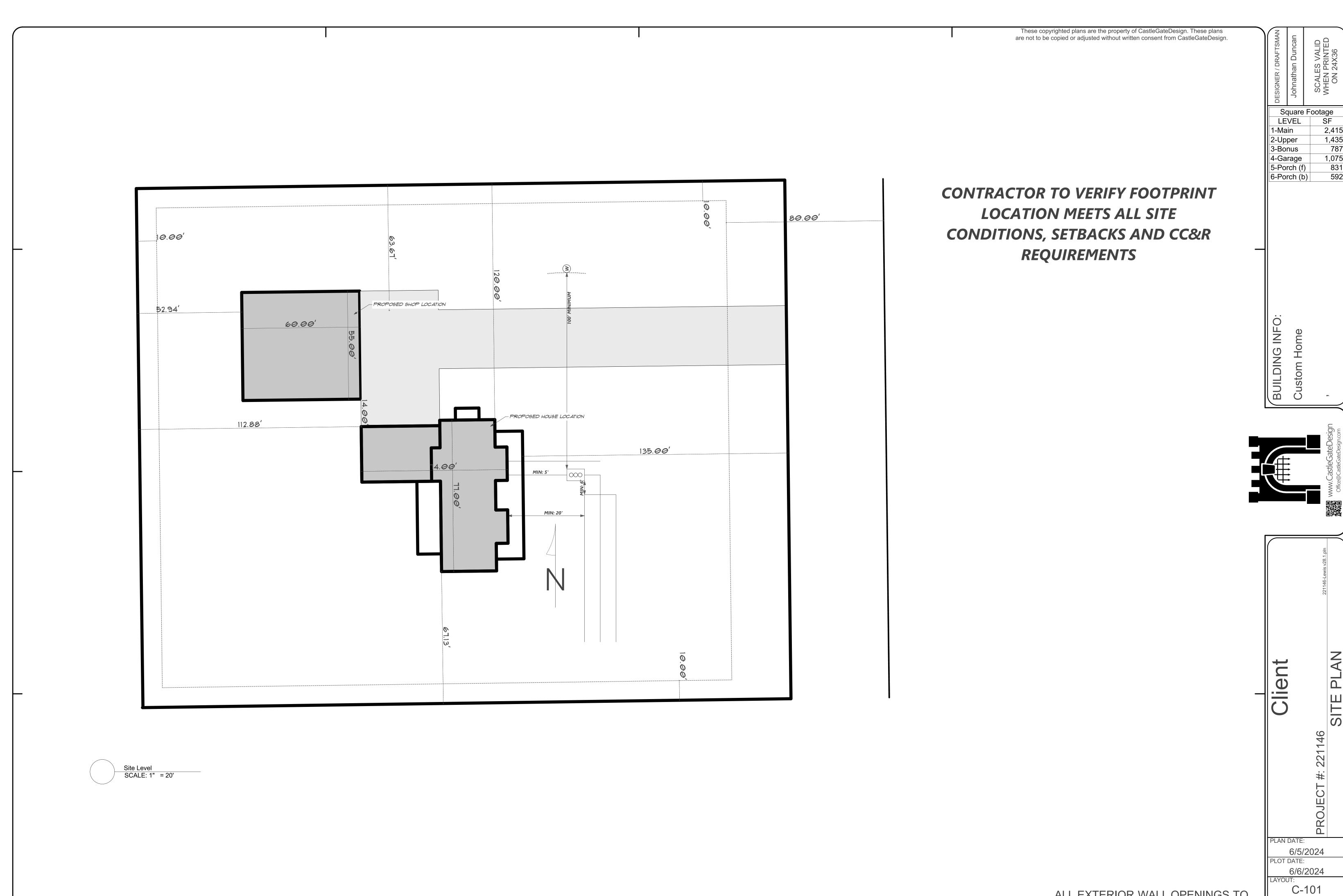






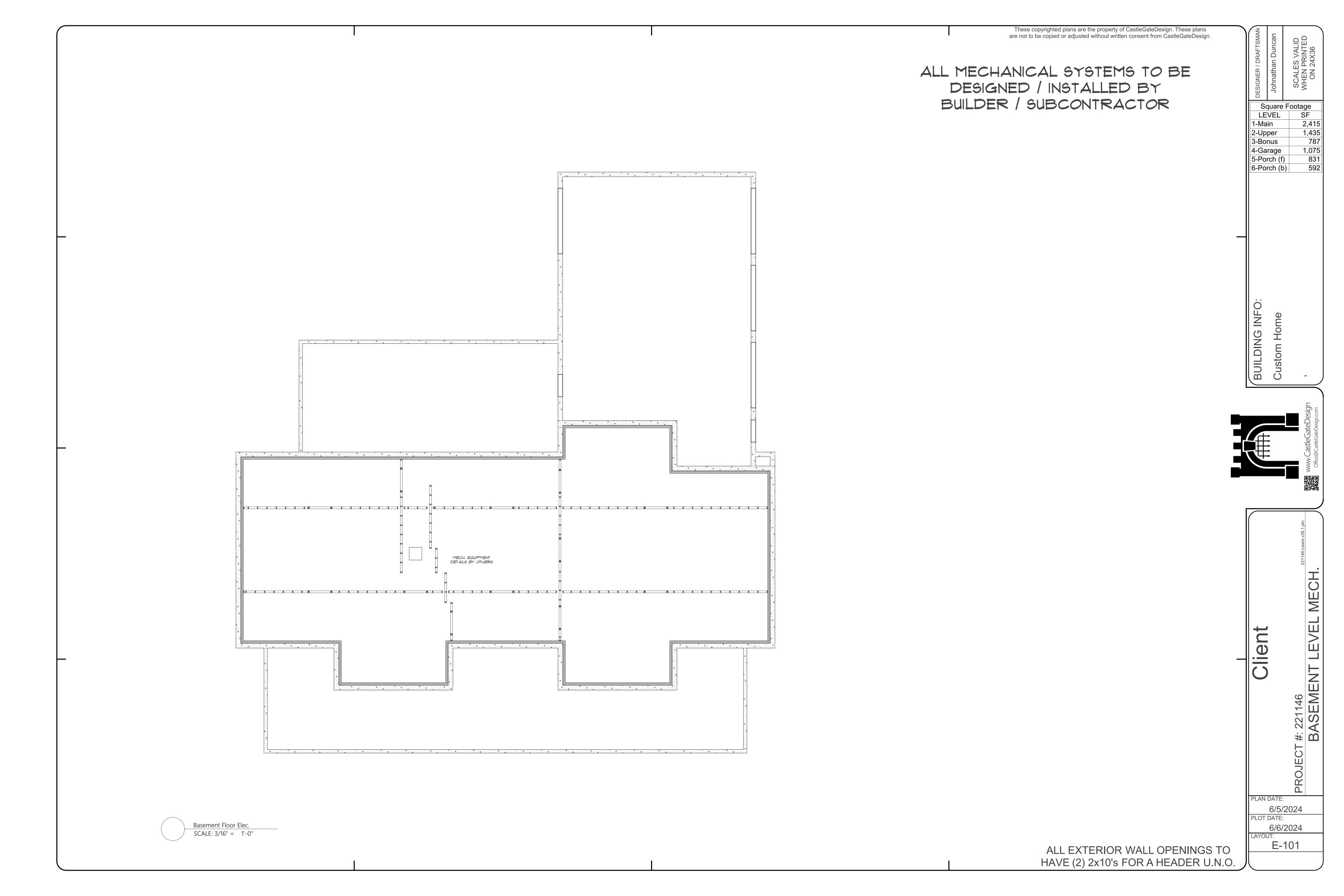


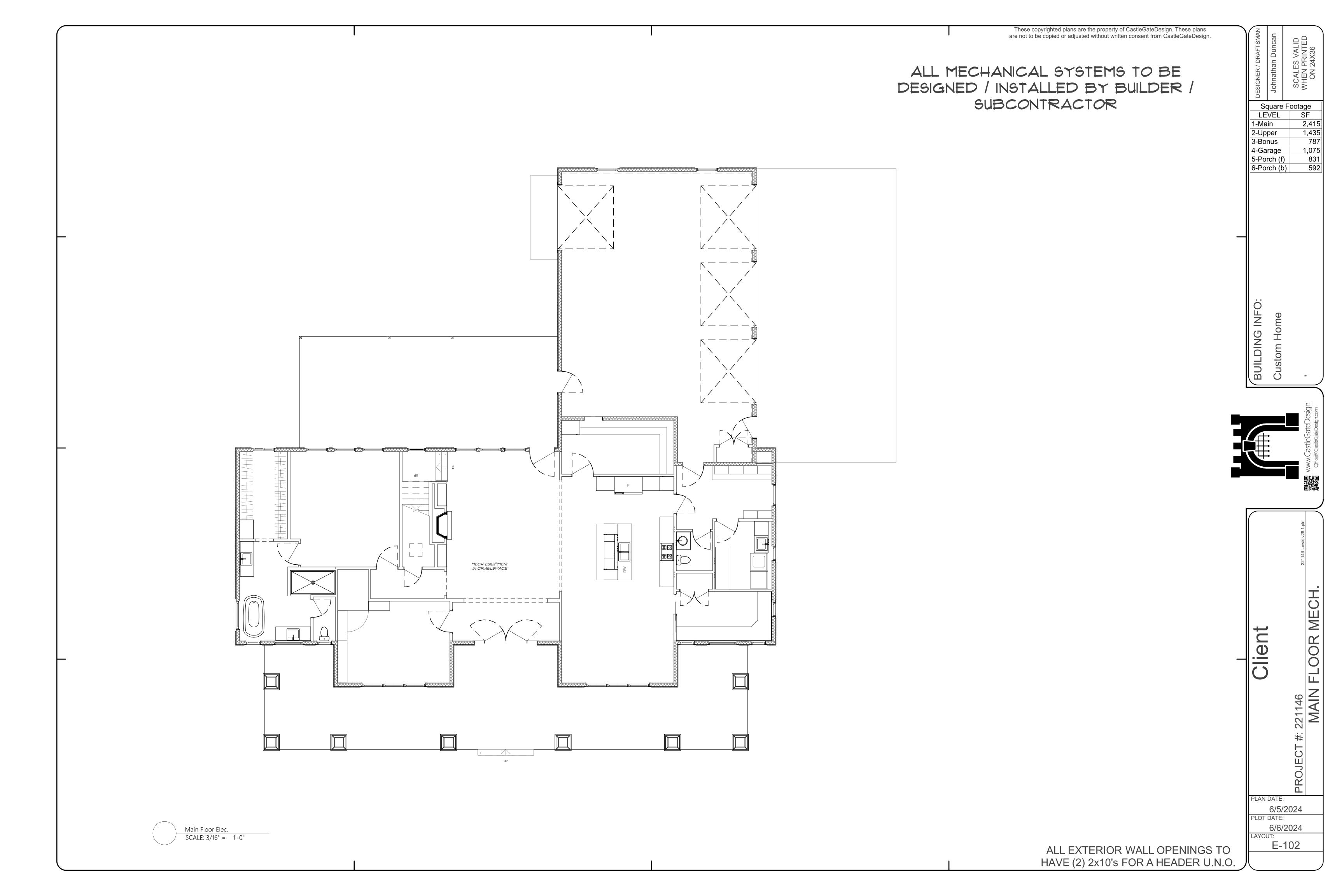


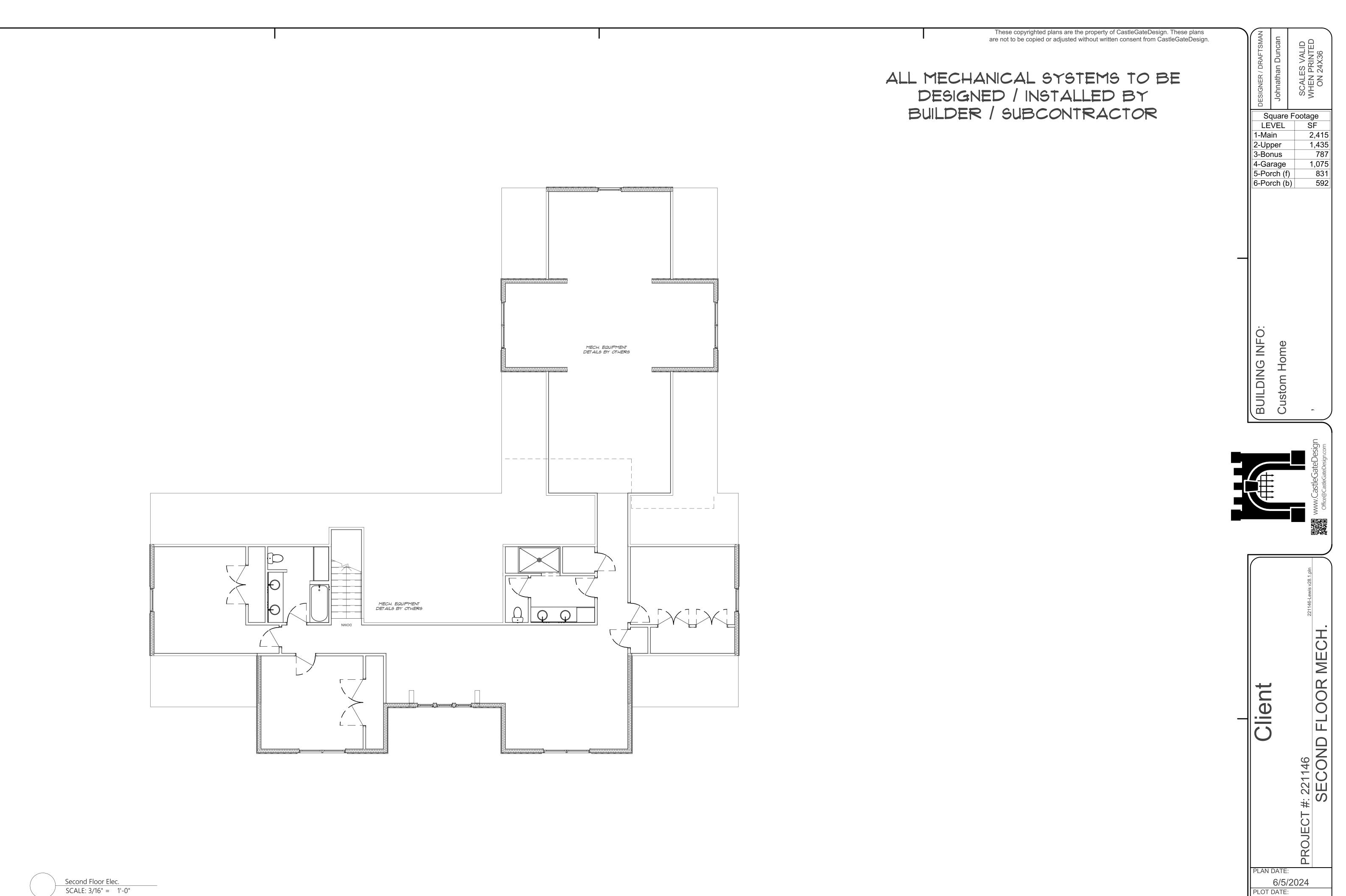


1,435 1,075 831 592

ALL EXTERIOR WALL OPENINGS TO HAVE (2) 2x10's FOR A HEADER U.N.O.



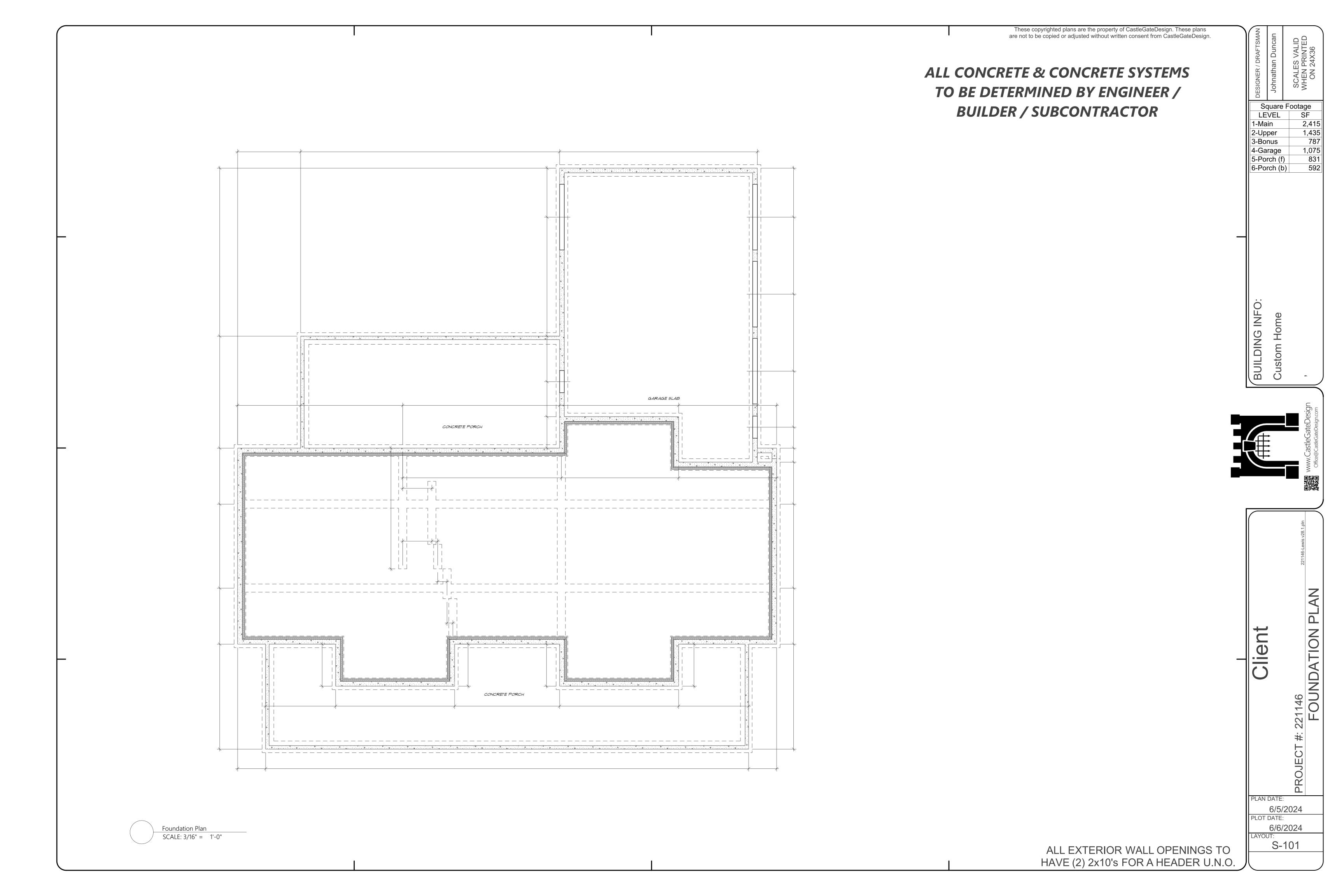


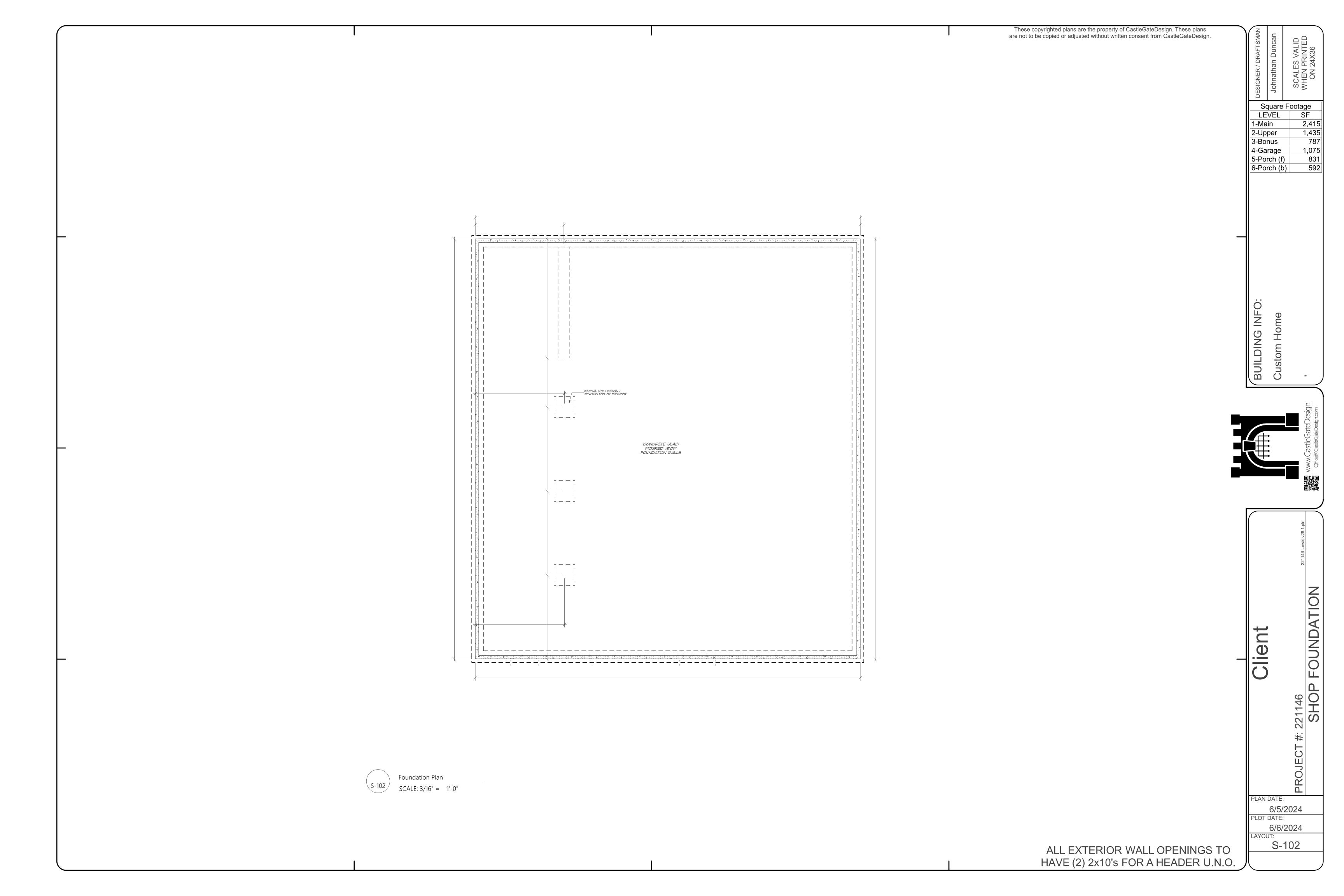


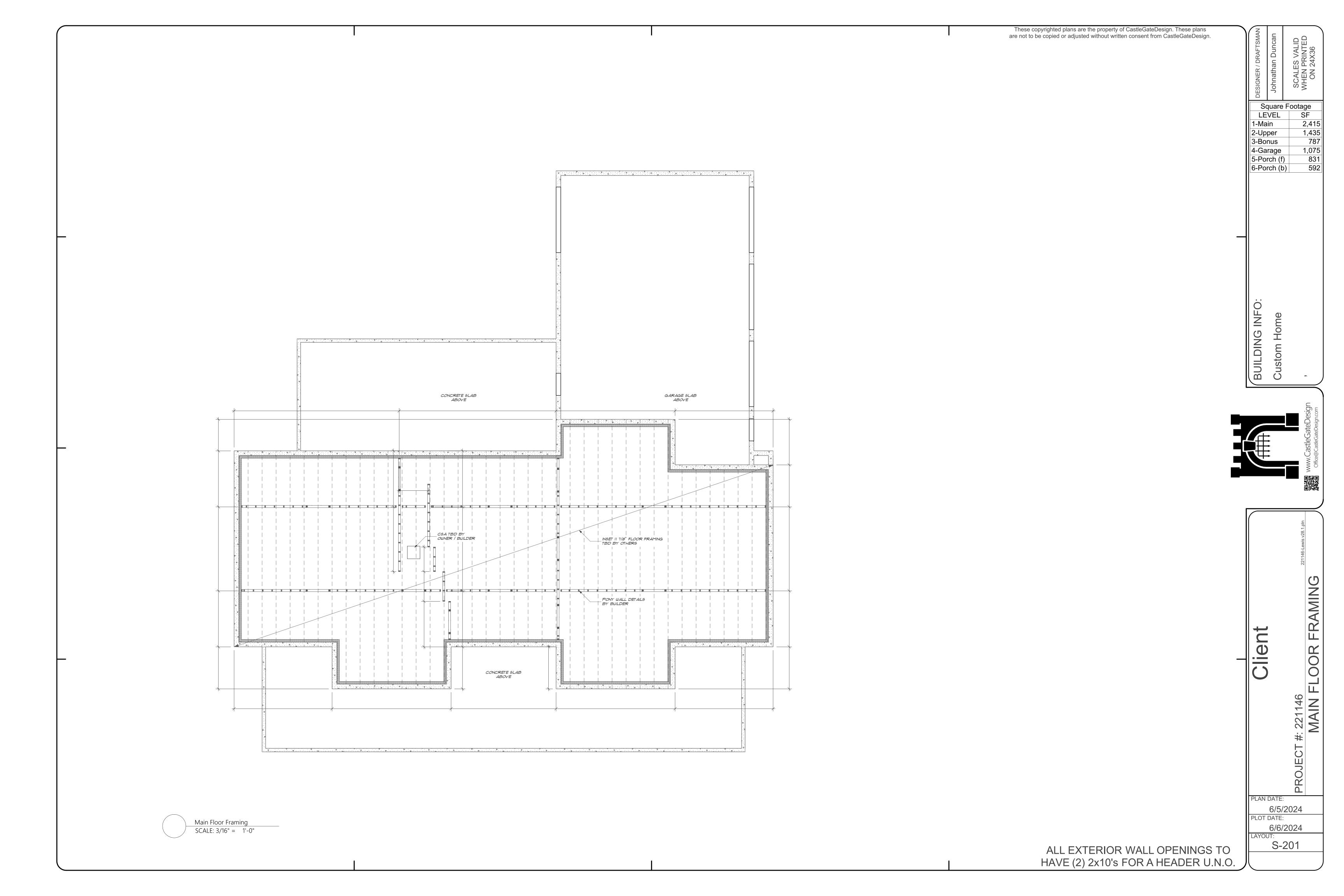
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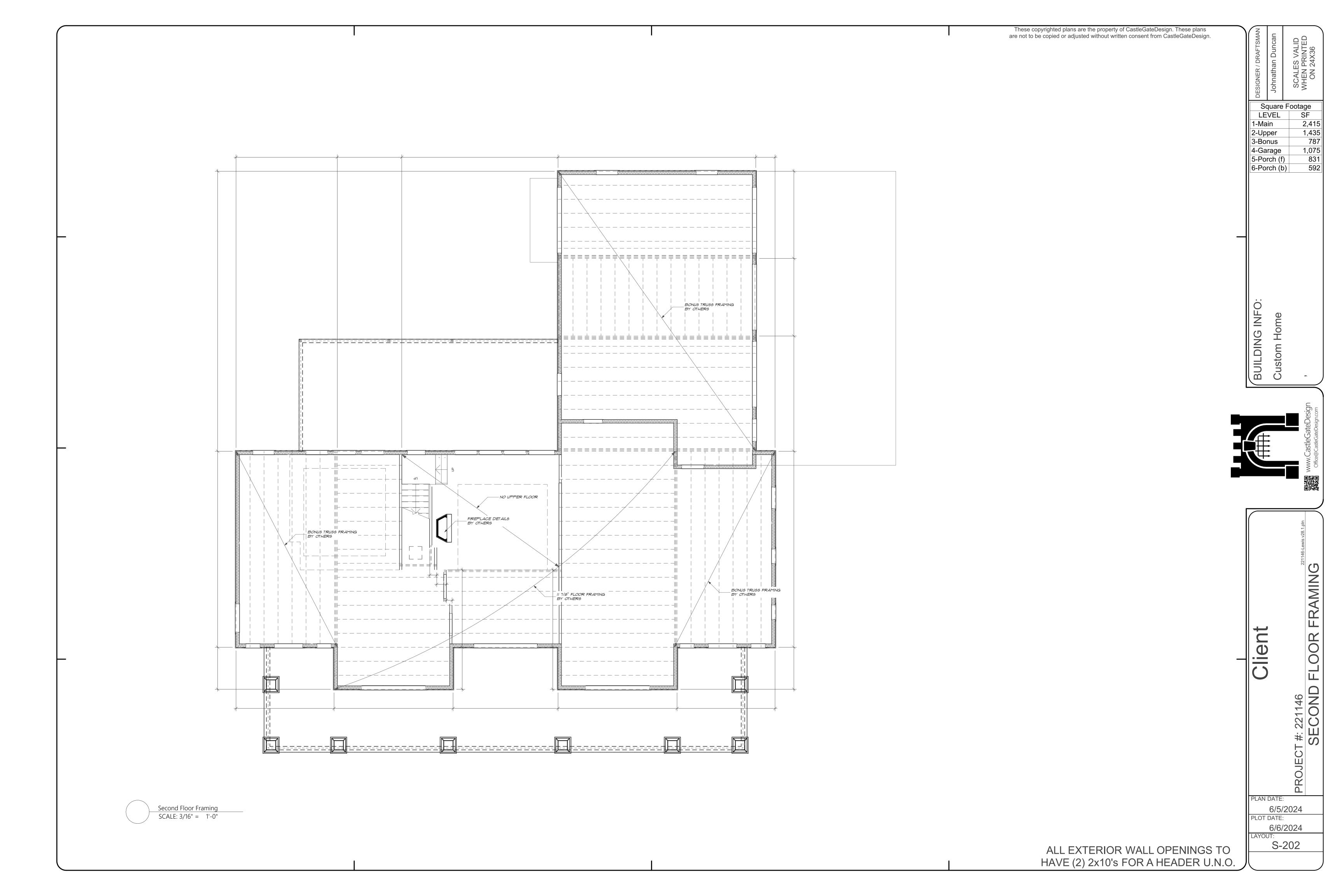
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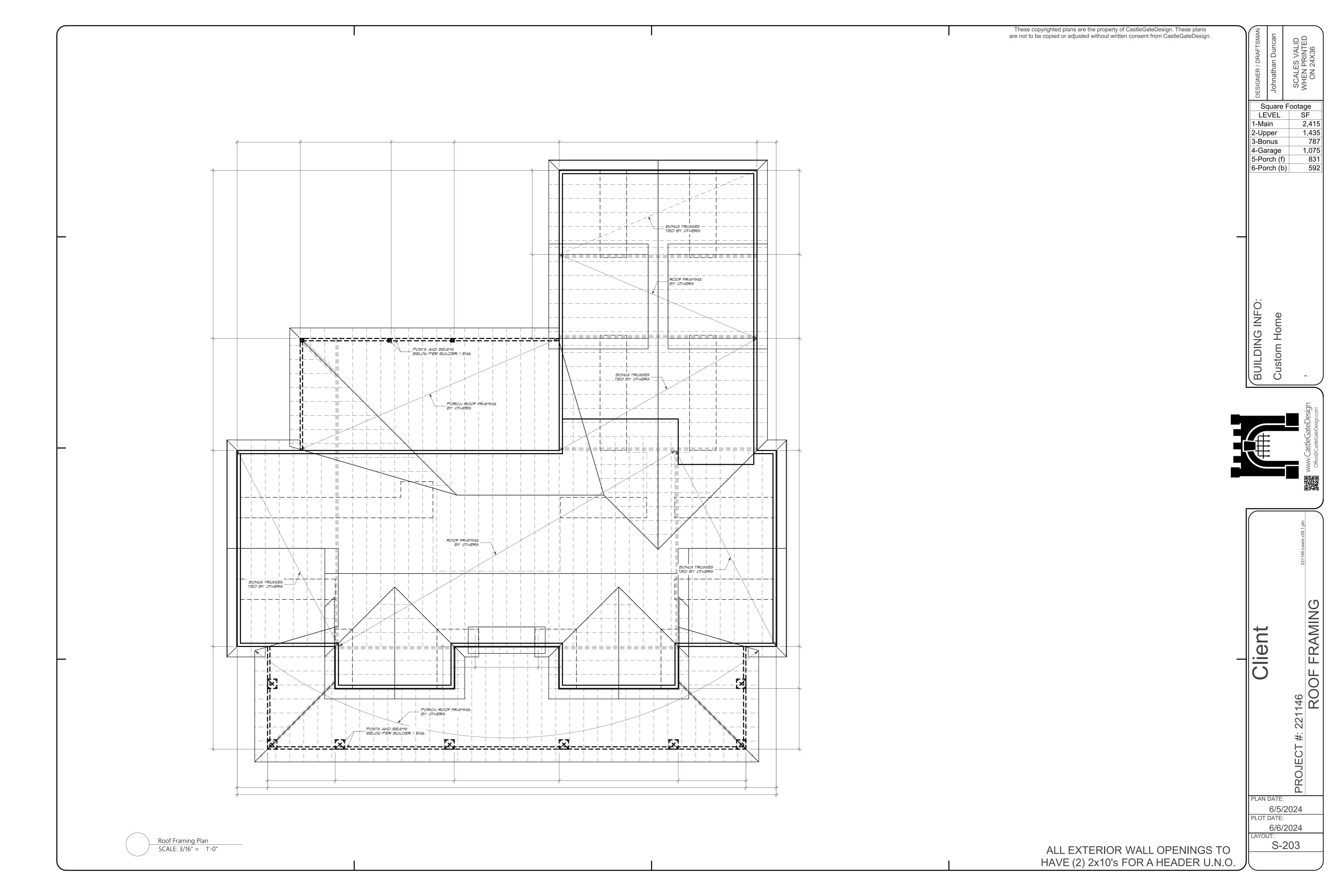
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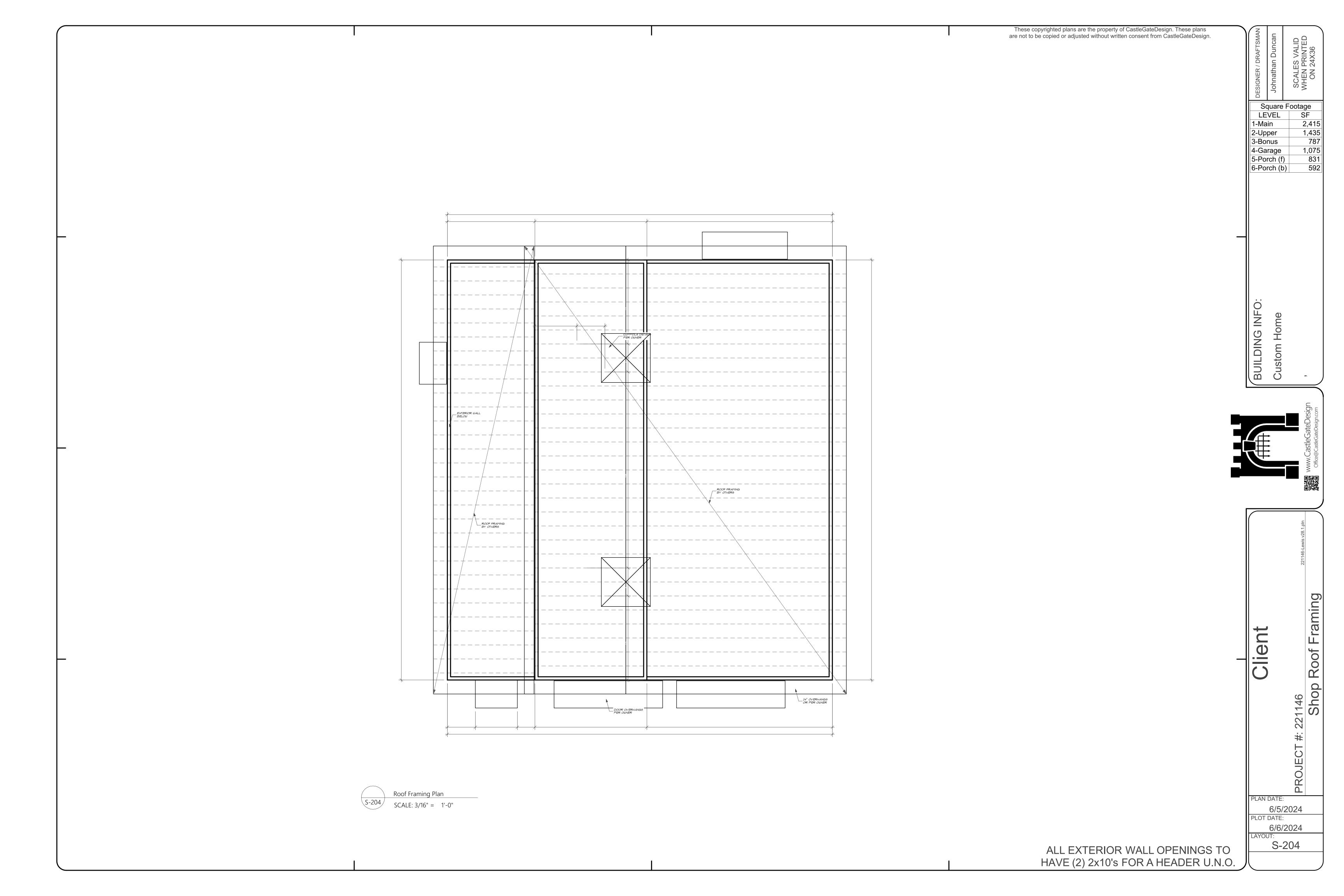












LEVEL 2-Upper 3-Bonus 4-Garage 5-Porch (f) 6-Porch (b) BUILDING INFO: BRACE WALL PANEL SYSTEM TBD BY BUILDER / ENGINEER ATE: 6/5/2024 PLOT DATE: 6/6/2024 S-03.1 ALL EXTERIOR WALL OPENINGS TO HAVE (2) 2x10's FOR A HEADER U.N.O.

1,075 831 592