



DESIGNER:
VN

VENTING CALCULATIONS

UNIT A1
ATTIC VENTILATION
91Z SQ. FT. OF ATTIC / 300 = 3.1 SQ. FT. OF INLET AND OUTLET. VENTILATION MAY BE REDUCED 50% WHEN VENTILATORS ARE USED AT LEAST 3'-0" ABOVE THE CORNICE VENTS.

UNIT A2
ATTIC VENTILATION
1,168 SQ. FT. OF ATTIC / 300 = 3.9 SQ. FT. OF INLET AND OUTLET. VENTILATION MAY BE REDUCED 50% WHEN VENTILATORS ARE USED AT LEAST 3'-0" ABOVE THE CORNICE VENTS.

REVOLUTION HOMES
UNITS 1&2
1806 & 1804 PERSHING RD
RALEIGH, NC

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"THE RENDERINGS PRESENTED ON THIS SHEET ARE TO REPRESENT THE INTENT OF THE DESIGN. ALL SITE CONDITIONS ARE APPROXIMATE AND SHALL BE CONFIRMED ON SITE, UNLESS NOTED OTHERWISE. ALL RENDERINGS SHOWN ARE NOT FOR THE PURPOSE OF CONSTRUCTION, AND SHALL NOT BE USED IN ANY SUCH WAY. ACTUAL RESULTS MAY VARY. "

CITY OF RALEIGH
PLANS AUTHORIZED FOR CONSTRUCTION

Plans for the proposed use have been reviewed for general compliance with applicable codes. This limited review, and authorization for construction is not to be considered to represent total compliance with all legal requirements for development and construction. The property owner, design consultants, and contractors are each responsible for compliance with all applicable City, State and Federal laws. This specific authorization below is not a permit, nor shall it be construed to permit any violation of City, State or Federal Law. All construction must be in accordance with all Local, State and Federal Rules and Regulations.

Electronic Approval: This approval is being issued electronically. This approval is valid only upon the signature of a City of Raleigh Review Officer below. The City will retain a copy of the approved plans. Any work authorized by this approval must proceed in accordance with the plans kept on file with the City. This electronic approval may not be edited once issued. Any modification to this approval once issued will invalidate this approval.

City of Raleigh Development Approval: Justin Greenwood
City of Raleigh Review Officer

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919.263.1509
www.mcmillan-design.com

Revolution Homes
Units 1&2
1806 & 1804 Pershing Rd
Raleigh, NC

Sheet Title:
Cover Plan

REVISIONS

NUMBER	DATE

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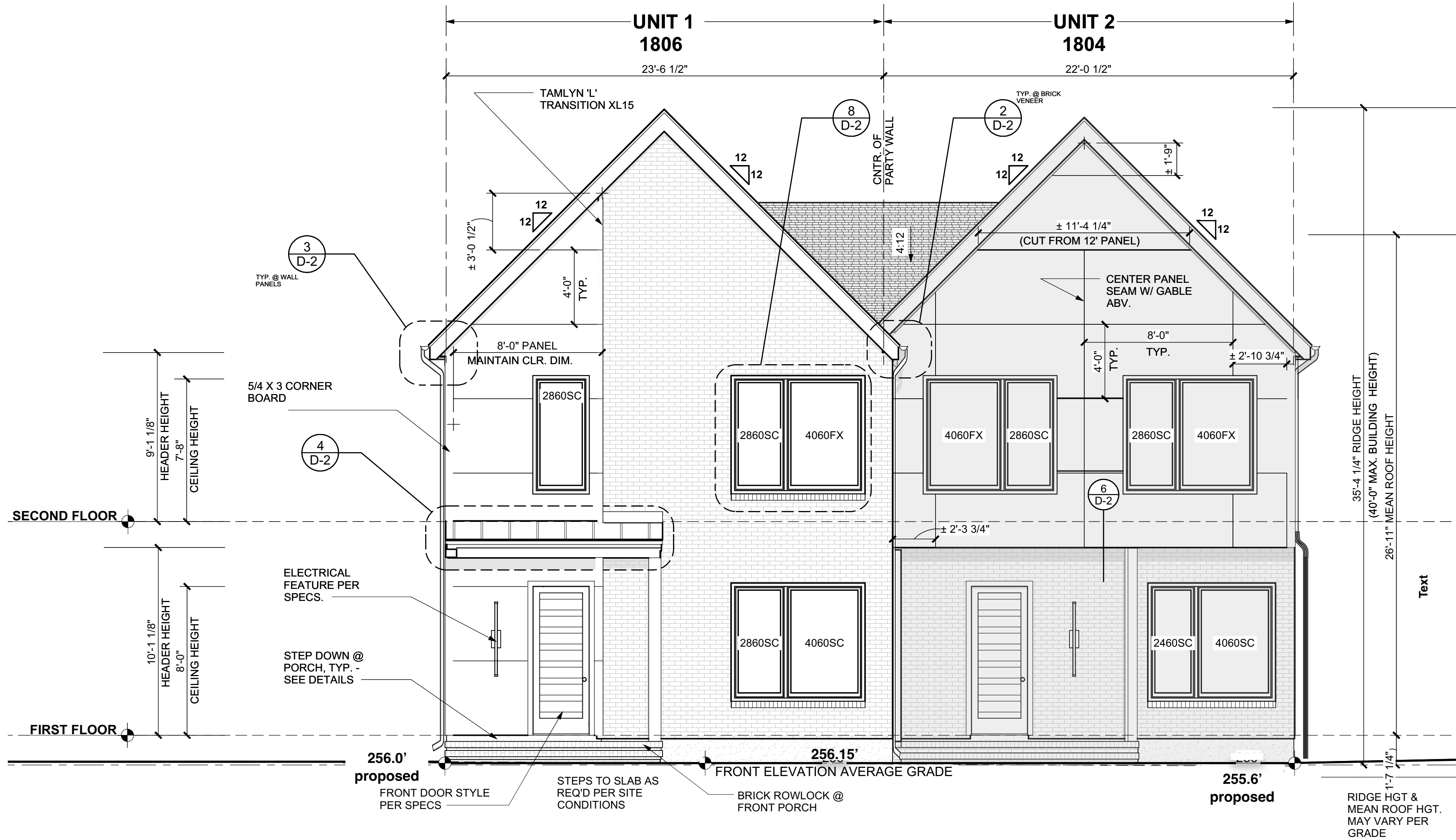
Plan Number
M018-24
CP-1

Sheet No.
CP-1

Drawn By: TE

Date: 1/24/2025

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102
A-1 **FRONT ELEVATION**
Scale: 1/4" = 1'-0"



101
A-1 **LEFT ELEVATION**
Scale: 1/4" = 1'-0"

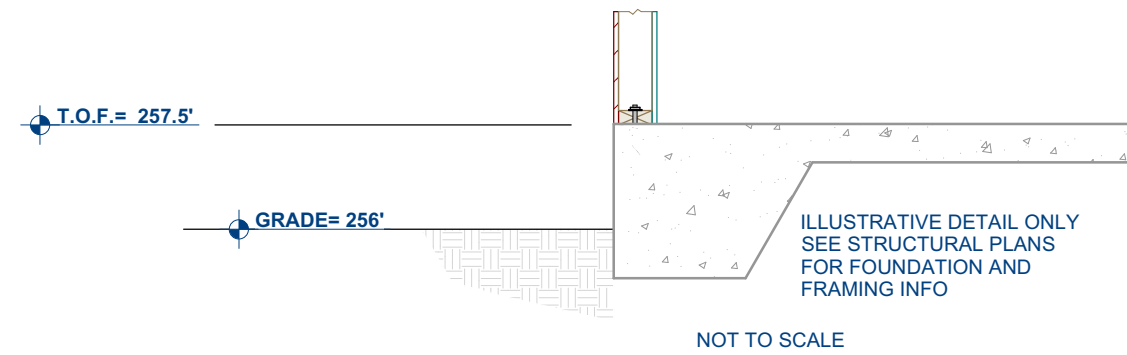
ELEVATION NOTES

BUILDING CODES
THIS PLAN HAS BEEN DESIGNED UNDER THE NC BUILDING CODES, 2018 RESIDENTIAL EDITION.

ICE GUARDS:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) OR GREATER. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12), DOUBLE UNDERLAYMENT APPLICATION IS REQUIRED IN ACCORDANCE WITH SECTION R905.1.1.

MATERIAL LEGEND

- ASPHALT SHINGLES
- STANDING SEAM METAL ROOF
- HORIZONTAL LAP SIDING
- 48" x 144" FIBER CEMENT PANELS - ALIGN SEAMS IN FIELD
- BRICK VENEER
- PARGED BLOCK FOUNDATION



T.O.F. DETAIL
Scale: NTS

Revolution Homes
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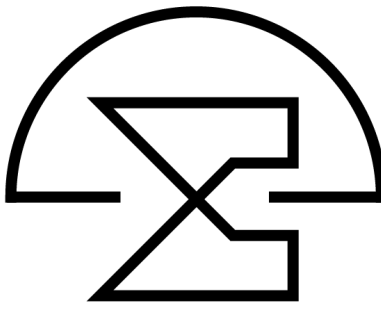
Sheet Title:
Exterior Elevations

REVISIONS	
NUMBER	DATE

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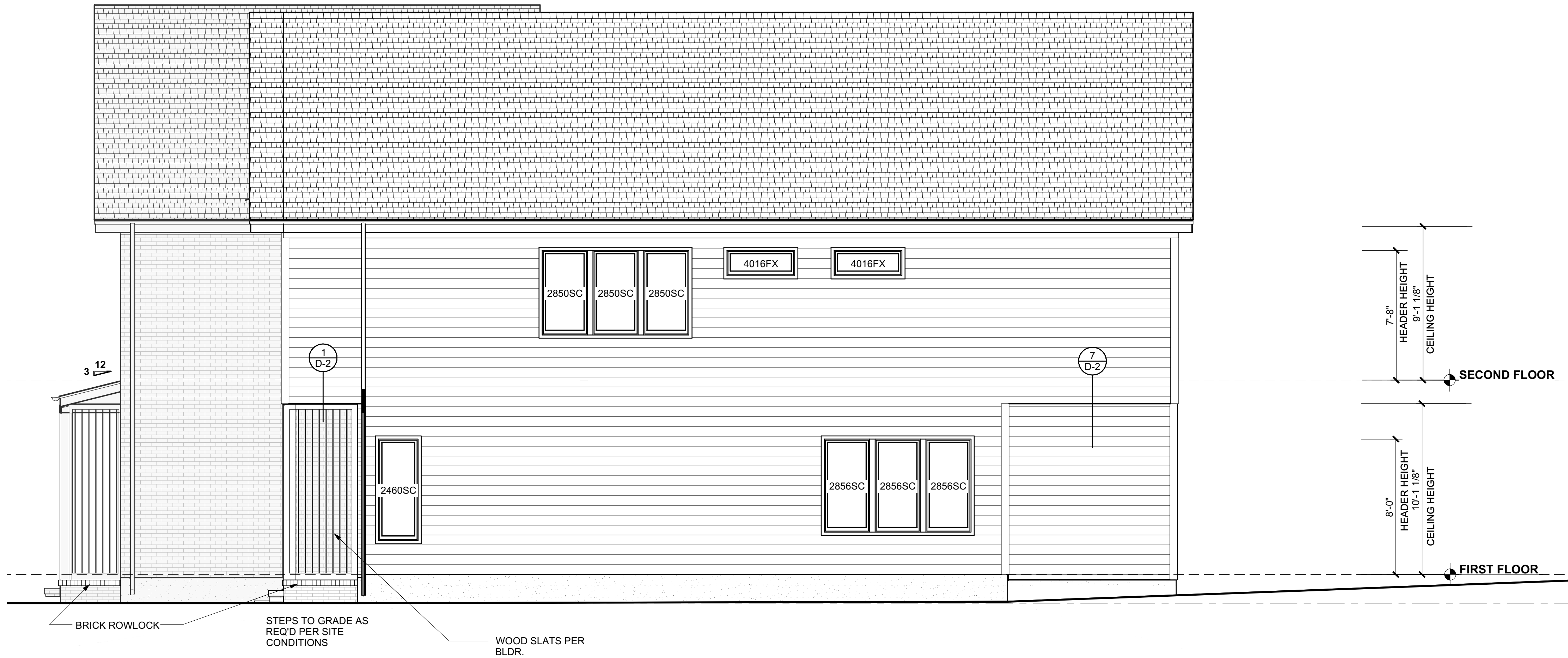




201
A-2

REAR ELEVATION

Scale: 1/4" = 1'-0"



201
A-2

RIGHT ELEVATION

Scale: 1/4" = 1'-0"

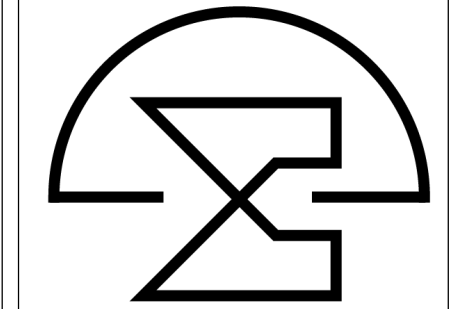
ELEVATION NOTES

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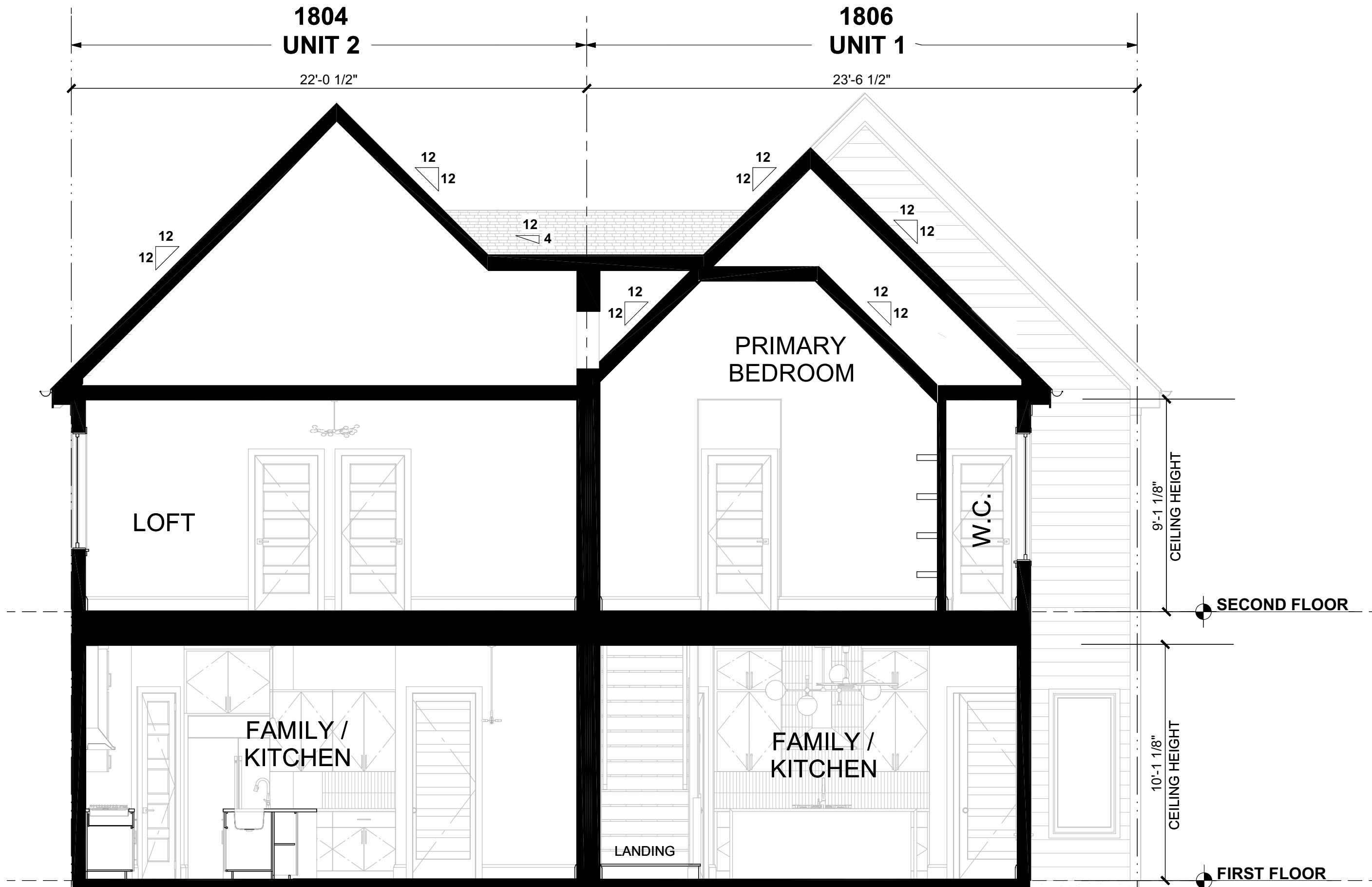
MATERIAL LEGEND

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- STANDING SEAM METAL ROOF
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- 48" x 144" FIBER CEMENT PANELS - ALIGN SEAMS IN FIELD
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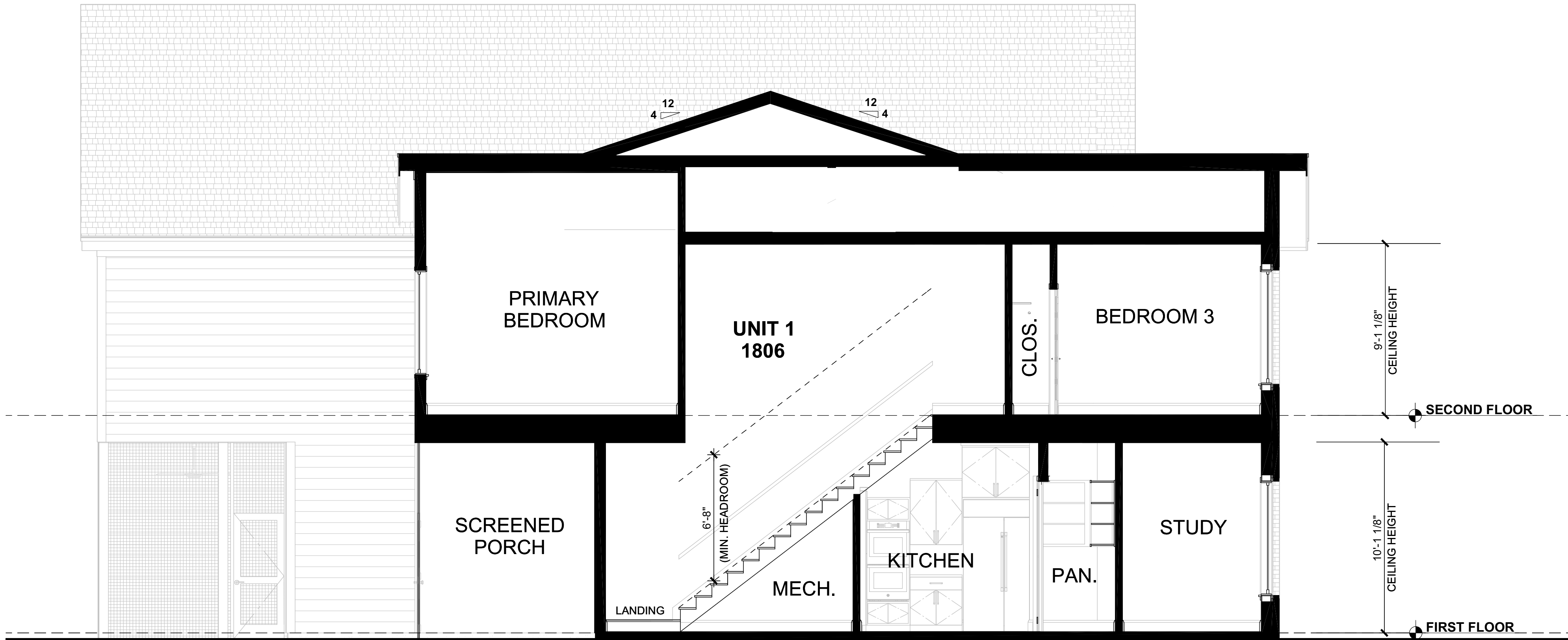


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302 CROSS SECTION
A-3 Scale: 1/4" = 1'-0"



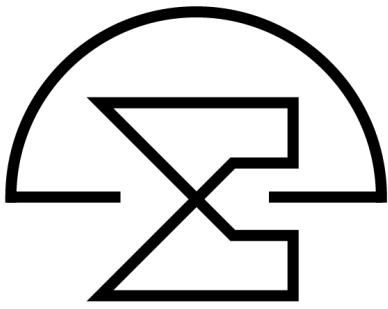
302 CROSS SECTION
A-3 Scale: 1/4" = 1'-0"

NOTES

1. REFER TO ROOF PLAN FOR ALL ROOF OVERHANG AND PITCH SPECIFICATIONS.
2. REFER TO STRUCTURAL DRAWINGS FOR EXACT STRUCTURAL DESIGN.

ABBREVIATIONS:

- AFF = ABOVE FINISH FLOOR
- AFFF = ABOVE FINISH FIRST FLOOR
- AFSF = ABOVE FINISH SECOND FLOOR
- VIF = VERIFY IN FIELD
- BRG = BEARING
- COORD. = COORDINATE
- CONT. = CONTINUOUS



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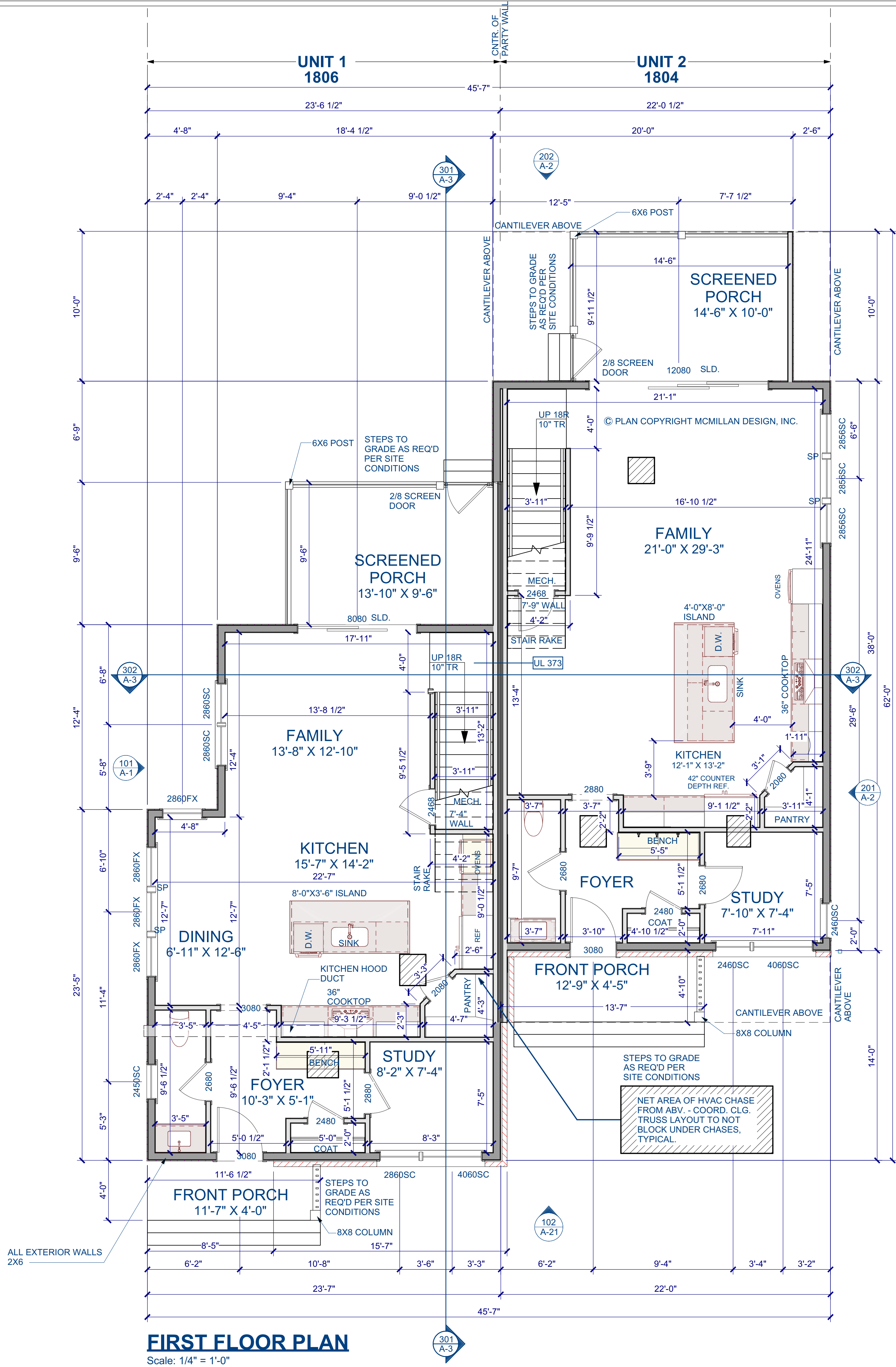
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Units 1&2
1806 & 1804 Pershing Rd
Raleigh, NC

Sections

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M018-24
Sheet No. **A-3**
Drawn By: **TE**
Date: **1/24/2025**
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GENERAL NOTES

- WALLS**
ALL WALLS ARE DRAWN 3/5" WIDE (2X4) OR 5/5" WIDE (2X6) U.N.O.
ANGLED WALL ARE DRAWN @45° U.N.O.
EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING. INTERIOR DIMENSIONS ARE TO FACE OF STUD.
- SMOKE DETECTORS**
LOCATION AND NUMBER OF DETECTORS SHALL CONFORM TO NEC.
- EGRESS**
ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH CONFORMS TO R-310 OF THE N.G. BLDG. CODE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY CHOSEN WINDOWS MEET EGRESS REQUIREMENTS AS MANUFACTURERS VARY.
- ATTIC ACCESS**
MIN. ATTIC ACCESS SHALL BE PROVIDED BY BUILDER AND LOCATED ON SITE.
- WALL/CEILING HEIGHT**
WALL AND CEILING HEIGHT NOTES ARE BASED ON NOMINAL WALL SIZE. KNEE WALL HEIGHT LABELS FOR WALLS UNDER RAFTERS ASSUME AN EXTRA 2" FOR FURRING (IN HEATED SPACES) FOR INSULATION. THE WALL HEIGHT REFERS TO THE HGT. FROM THE FLOOR DECKING TO THE BOTTOM OF THE FURRING.

WINDOW NOTE LEGEND

- DH DOUBLE HUNG
SH SINGLE HUNG
FX FIXED
SC SINGLE CASEMENT
DC DOUBLE CASEMENT
TC TRIPLE CASEMENT

UNIT 1

Heated Square Footage	
First Floor	781
Second Floor	867
Total Heated	1648
Unfinished	
Front Porch	46
Screened Porch	137
Total Unfinished	183

UNIT 2

Heated Square Footage	
First Floor	834
Second Floor	1119
Total Heated	1953
Unfinished	
Front Porch	65
Screened Porch	148
Total Unfinished	213

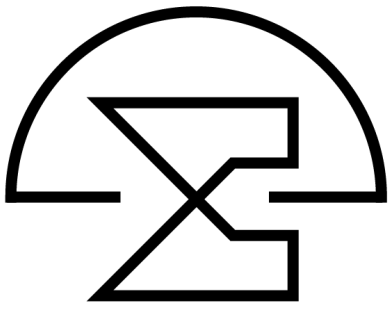
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Sheet Title:
First Floor Plan

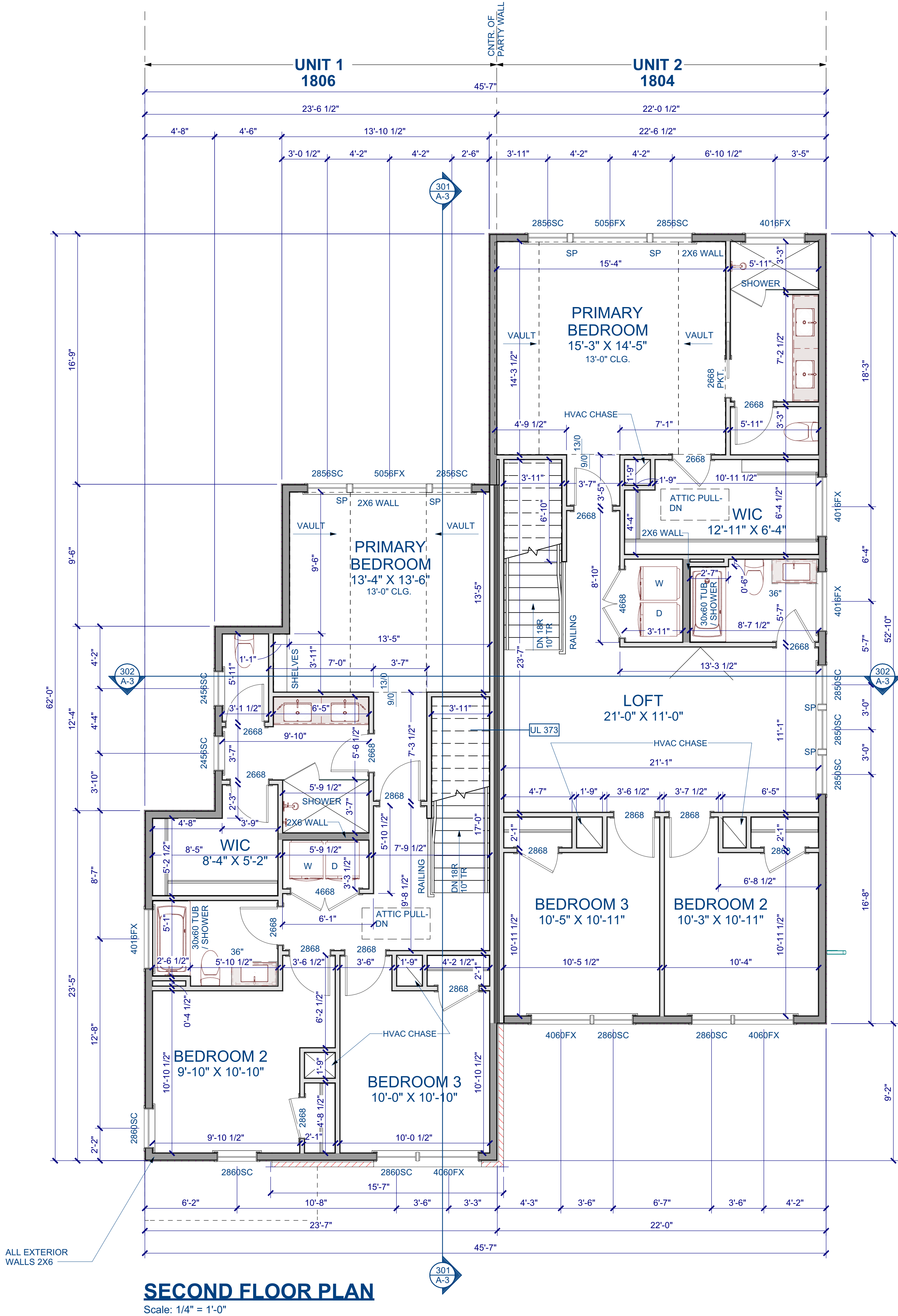
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SECOND FLOOR PLAN

Scale: 1/4" = 1'-0"

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DIMENSIONS ARE TO FACE OF STUD.

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WINDOW NOTE LEGEND

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SH SINGLE HUNG
FX FIXED
SC SINGLE CASEMENT
DC DOUBLE CASEMENT
TC TRIPLE CASEMENT

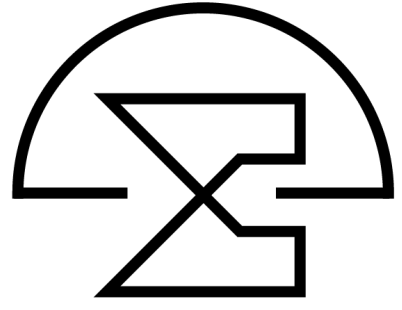
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Sheet Title:
Second Floor Plan

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