



RENDERINGS
FOR ILLUSTRATION ONLY
No Scale, Sample Landscaping



Project Planning Statistics

Banana render

TMS: 201-00-00-012.000
Zoning: PUD
Design Code: 2021 IRC
Occupancy Category: II
Flood Zone X

LOT SIZE: 5.141 ACRES
BLDG. ENVELOPE: 3385 SF
TOTAL AREA UNDER ROOF: 4004 SF

LIVABLE AREA: 4166 SF
MAIN: 2646 SF
SECOND: 1520 SF

PORCHES: 547 SF
GARAGE: 936 SF
PATIO/DECKS: 248 SF

DRIVES & WALKS: 8184 SF

Project Contacts

General Contractor:
Pendium Group, LLC.
4265 Duck Club Rd Ravenel SC 29470
Thomas Wingard (Project Main Contact)
Ph: 843-385-2494 thomas@pendium.com
Tom Wingard (Project Coordination Contact):
Ph: 843 458-4601 tom@pendium.com

Architectural Firm & Construction Management:
Pendium Group, LLC Architecture Firm #101636
Tom Wingard (Main Contact) GC #G121762, CCM #1046
Ph: 843 458-4601 tom@pendium.com | 4265 Duck Club Rd Ravenel SC 29470
Ahmad M Al-Shemmeri, NCARB (Architect) SC-AR #10394
Ph: 843 405-7055 ahmad@pendium.com | 4265 Duck Club Rd Ravenel SC 29470

Residential Structures, PC:
Cory Munson, PE
Ph: 843 406-7174 Cory@residentialstructurespc.com
930 Folly Rd Charleston, SC 29412

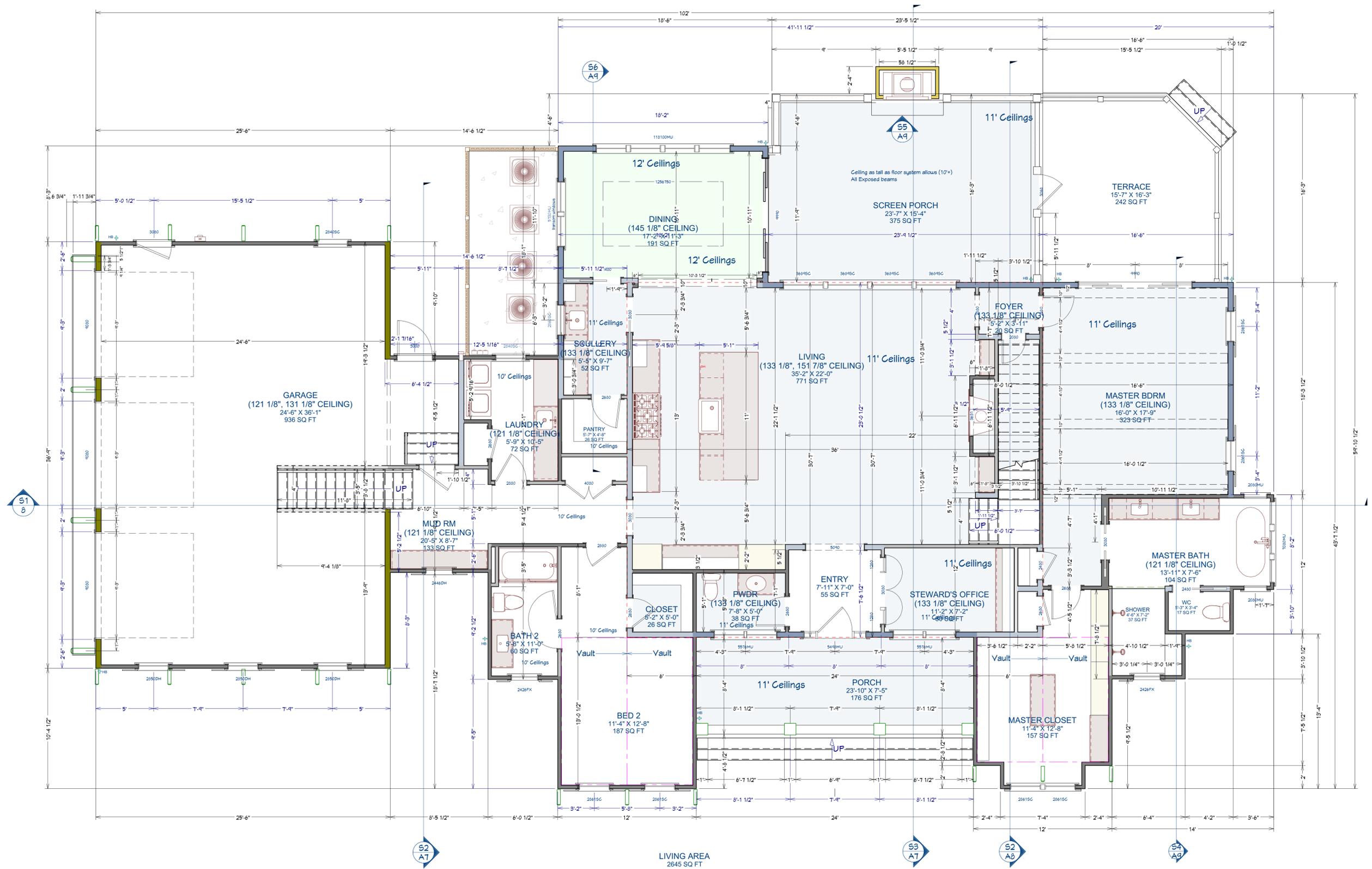
Sources:
Palmetto Land Surveying, Inc
Jason Penington
Ph: 843-571-5191 palmettolandsurveying@gmail.com
2065 Savannah Highway Ste 2 Charleston, S.C. 29407

INDEX TO DRAWINGS

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Drawings below completed by other entities and were not under the supervision of Pendium Group or the design professional in responsible charge:

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STRUCTURAL DETAILS	SD1.0-SD4.1



FRAMING NOTES:
ALL EXTERIOR DIMENSIONS ARE TO THE FRAMING OR MAIN LAYER. DIMENSIONS TO OPENINGS ARE TO THE FRAMING, ROUGH OPENING.
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS).

First Floor Plan
Scale: 1/4" = 1'

GENERAL NOTES AND SPECIFICATIONS

DESIGN CRITERIA:
2021 International Building Code with SC modifications
2021 International Fire Code with SC modifications
2021 International Plumbing Code
2021 International Mechanical Code with SC modifications
2021 International Fuel Gas Code with SC modifications
2009 South Carolina Energy Conservation Code
2020 National Electrical Code (NFPA 70) with SC modifications
2017 A111.1 ANSI

THE GENERAL CONTRACTOR SHALL FULLY COMPLY WITH ALL STATE AND LOCAL CODE REQUIREMENTS. THE CONTRACTOR SHALL ALSO PERFORM COORDINATION WITH ALL UTILITIES AND STATE SERVICE AUTHORITIES.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE GENERAL CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS) AND CONDITIONS ON THE JOB AND MUST NOTIFY THIS OFFICE OF ANY VARIATIONS FROM THESE DRAWINGS.

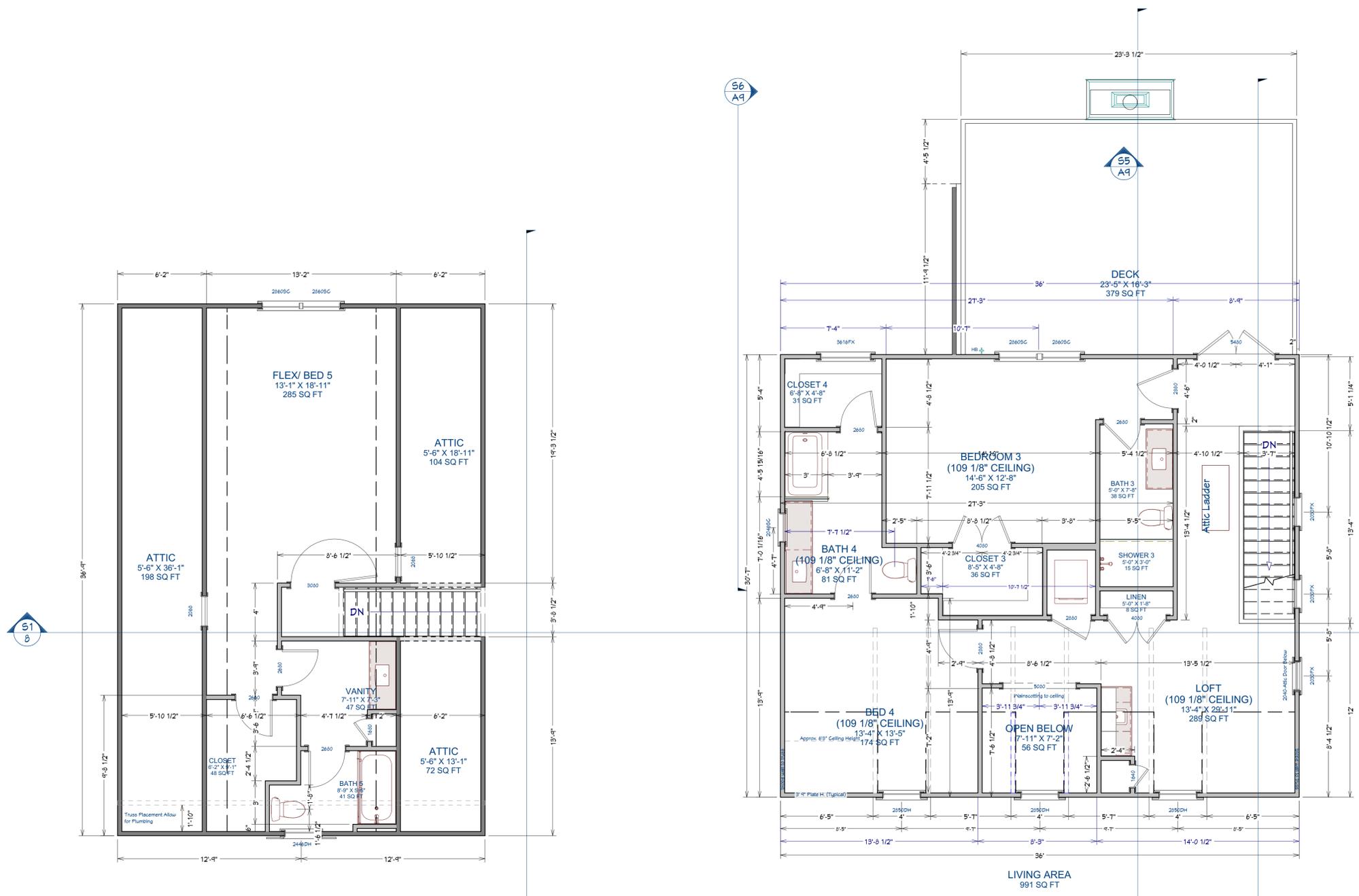
THE ENGINEER/DESIGNER SHALL BE CONSULTED FOR CLARIFICATION IF SITE CONDITIONS ARE ENCOUNTERED THAT ARE DIFFERENT THAN SHOWN, IF DISCREPANCIES ARE FOUND IN THE PLANS OR NOTES, OR IF A QUESTION ARISES OVER THE INTENT OF THE PLANS OR NOTES. ALL TRADES SHALL MAINTAIN A CLEAN WORK SITE AT THE END OF EACH WORK DAY.

FRAMING NOTES:

ALL EXTERIOR DIMENSIONS ARE TO THE FRAMING OR MAIN LAYER. DIMENSIONS TO OPENINGS ARE TO THE FRAMING, ROUGH OPENING.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS).

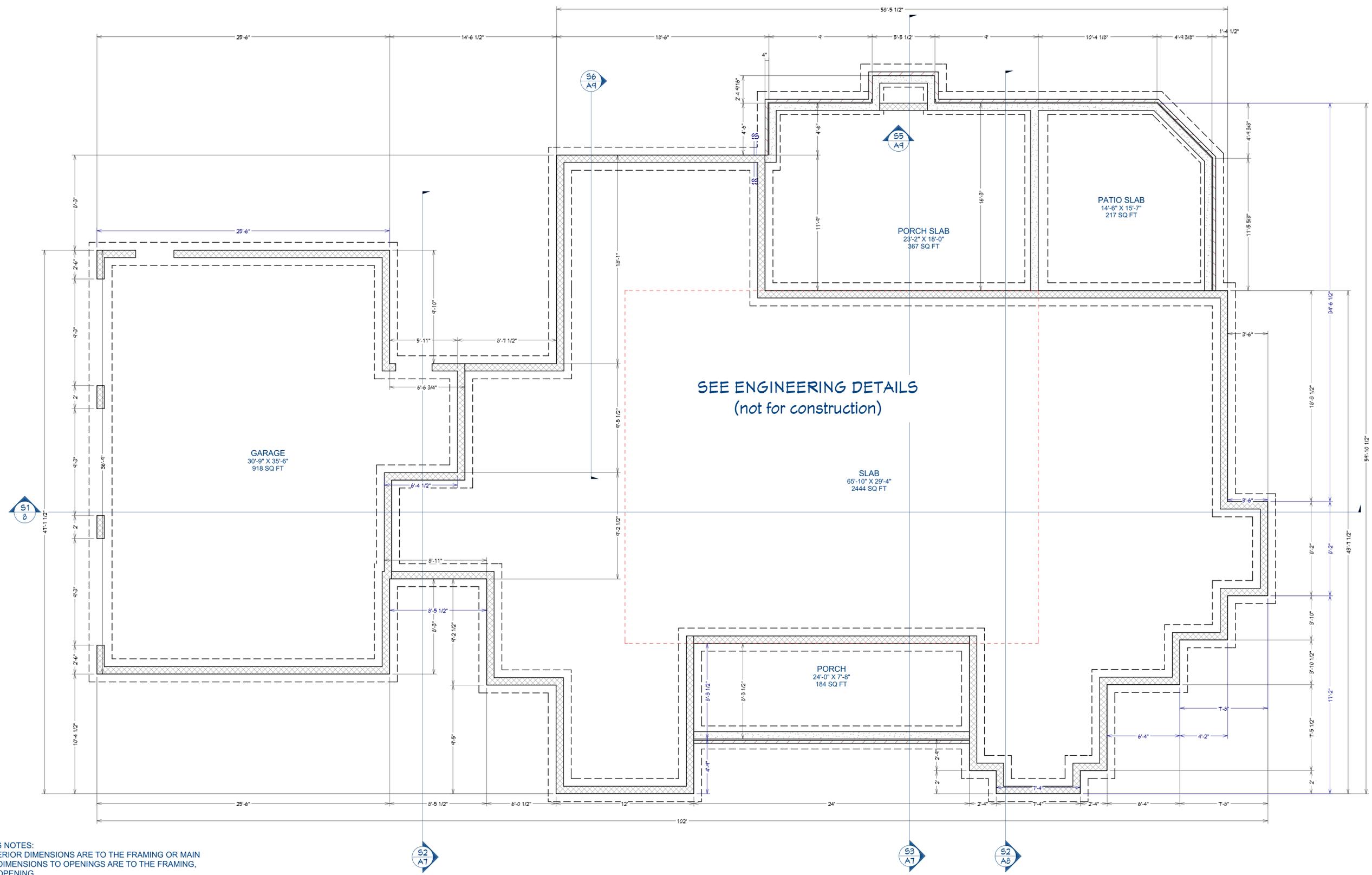
PLEASE SEE ADDITIONAL NOTES CALLED OUT ON OTHER SHEETS.



LIVING AREA
529 SQ FT

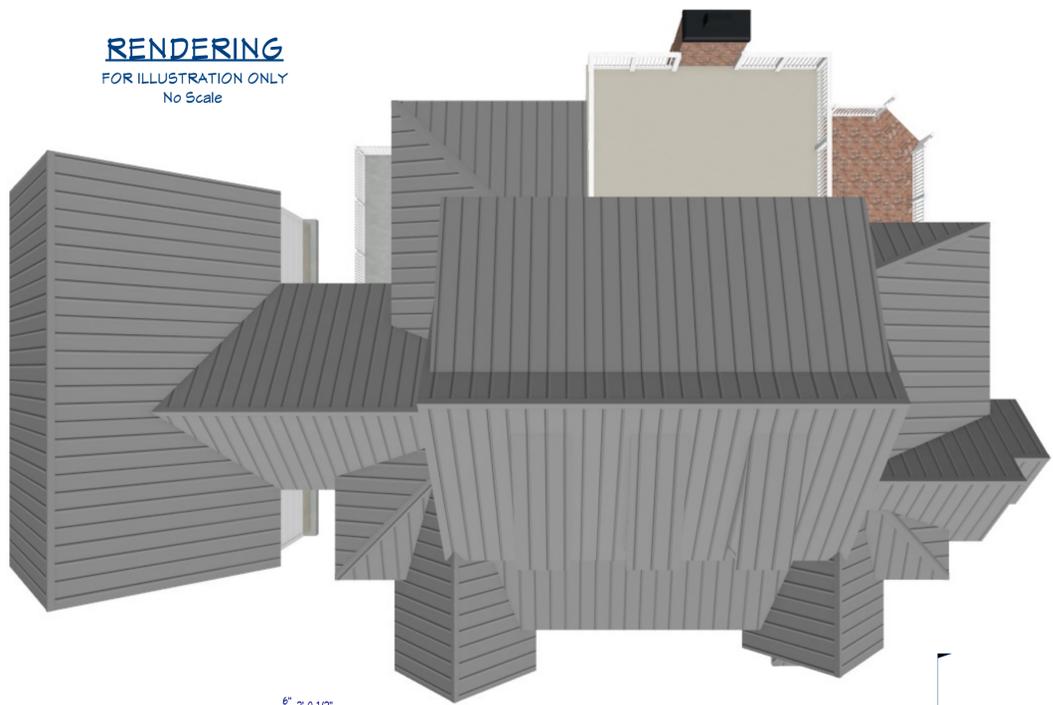
LIVING AREA
991 SQ FT

Second Floor Plan
Scale: 1/4" = 1'



FRAMING NOTES:
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RENDERING
FOR ILLUSTRATION ONLY
No Scale



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Custom Design Home For:
Lot 12 - The Pastures at Poplar Grove
Bradley Pasture Way
Ravenel, SC 29470

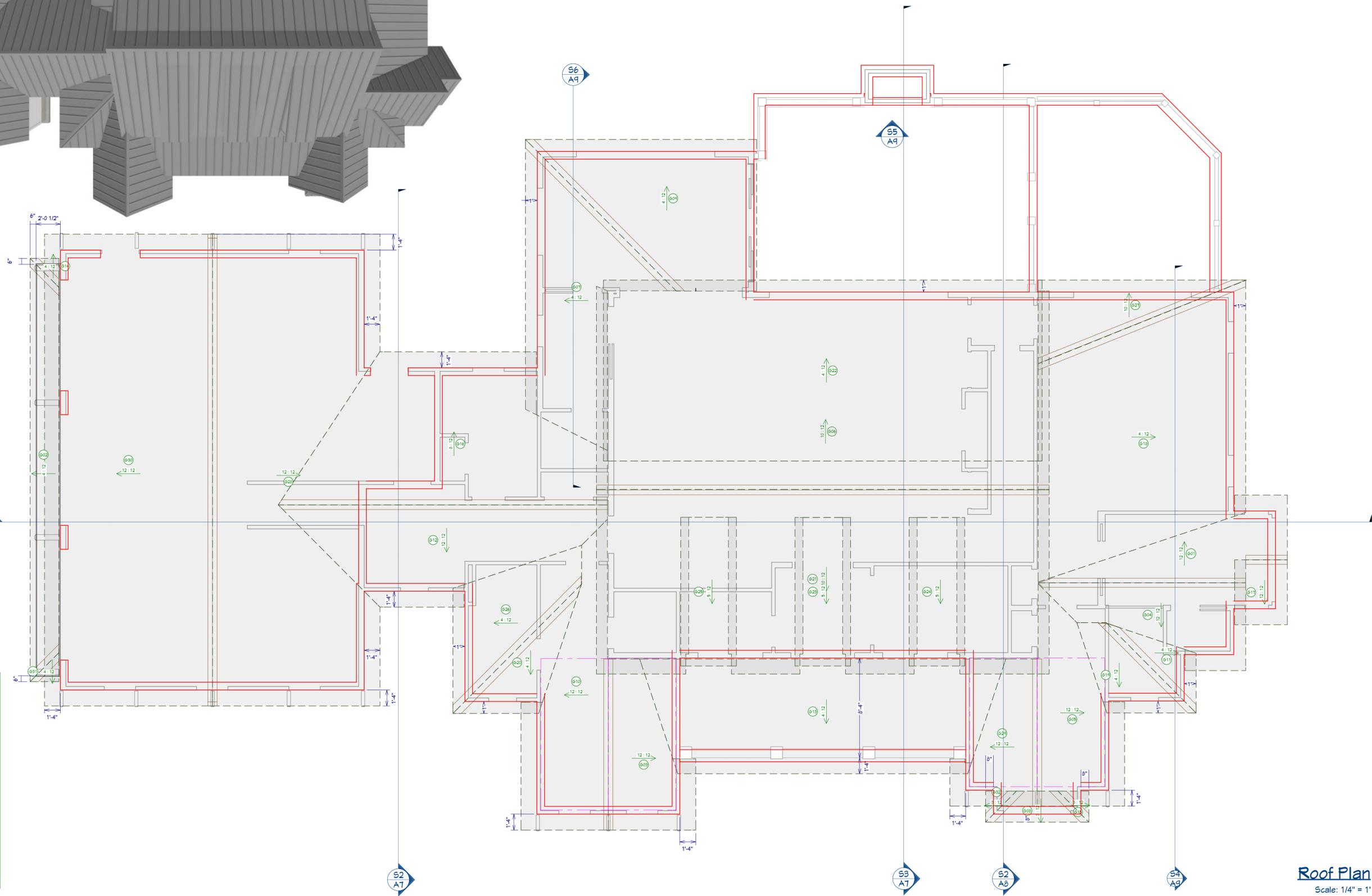
Roof Plan

DATE:
3/12/2026

SHEET:

A5

Number	Area, Surface	Pitch	Description
G01	102.37	12 : 12	Roof Plane
G02	84.22	4 : 12	Roof Plane
G03	104.42	12 : 12	Roof Plane
G04	113.44	12 : 12	Roof Plane
G05	134.13	12 : 12	Roof Plane
G06	155.26	10 : 12	Roof Plane
G07	166.47	4 : 12	Roof Plane
G08	16.21	3 : 12	Roof Plane
G09	114.51	4 : 12	Roof Plane
G10	1171.47	12 : 12	Roof Plane
G11	14.84	4 : 12	Roof Plane
G12	213.88	12 : 12	Roof Plane
G13	211.47	4 : 12	Roof Plane
G14	3.45	4 : 12	Roof Plane
G15	3.45	3 : 12	Roof Plane
G16	3.11	0 : 12	Roof Plane
G17	33.92	12 : 12	Roof Plane
G18	345.34	4 : 12	Roof Plane
G19	34.33	4 : 12	Roof Plane
G20	40.77	4 : 12	Roof Plane
G21	553.27	10 : 12	Roof Plane
G22	553.68	4 : 12	Roof Plane
G23	62.04	5 : 12	Roof Plane
G24	62.11	5 : 12	Roof Plane
G25	62.19	5 : 12	Roof Plane
G26	77.66	4 : 12	Roof Plane
G27	74.23	10 : 12	Roof Plane
G28	659.01	12 : 12	Roof Plane
G29	88.41	12 : 12	Roof Plane
G30	796.22	12 : 12	Roof Plane
G31	3.1	4 : 12	Roof Plane
G32	3.45	3 : 12	Roof Plane
Totals:	5844.34		



Roof Plan
Scale: 1/4" = 1'



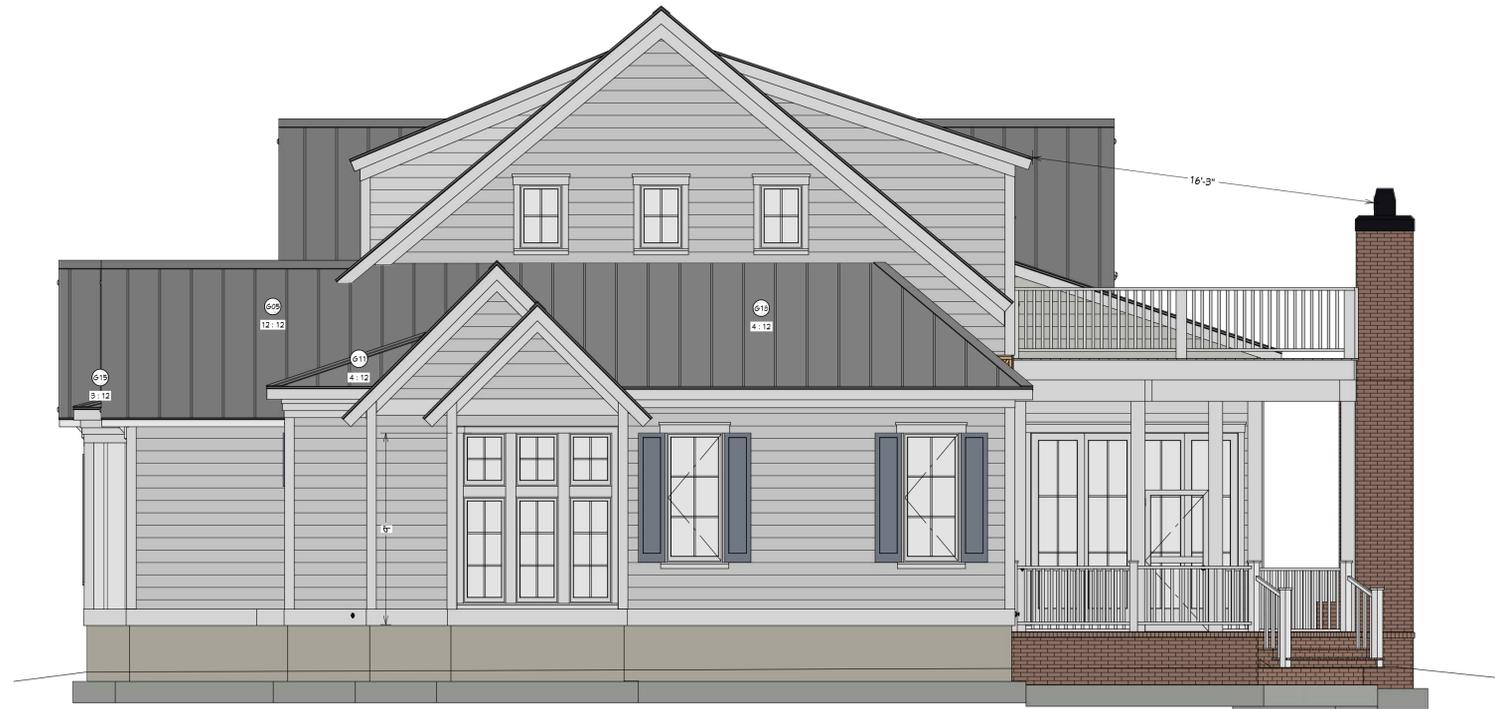
Front Elevation

Scale: 1/4" = 1'



Rear Elevation

Scale: 1/4" = 1'



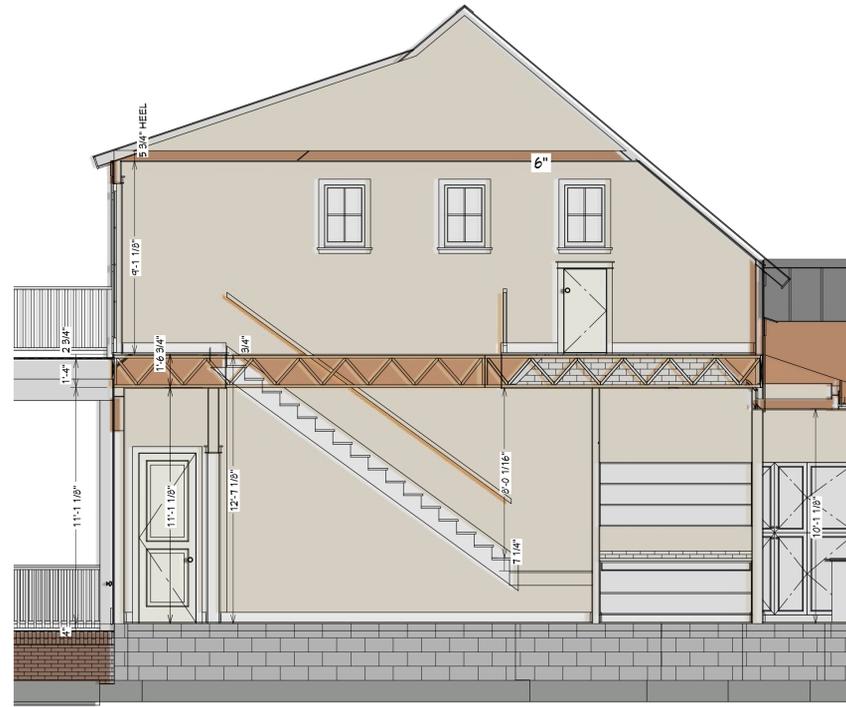
Right Elevation

Scale: 1/4" = 1'

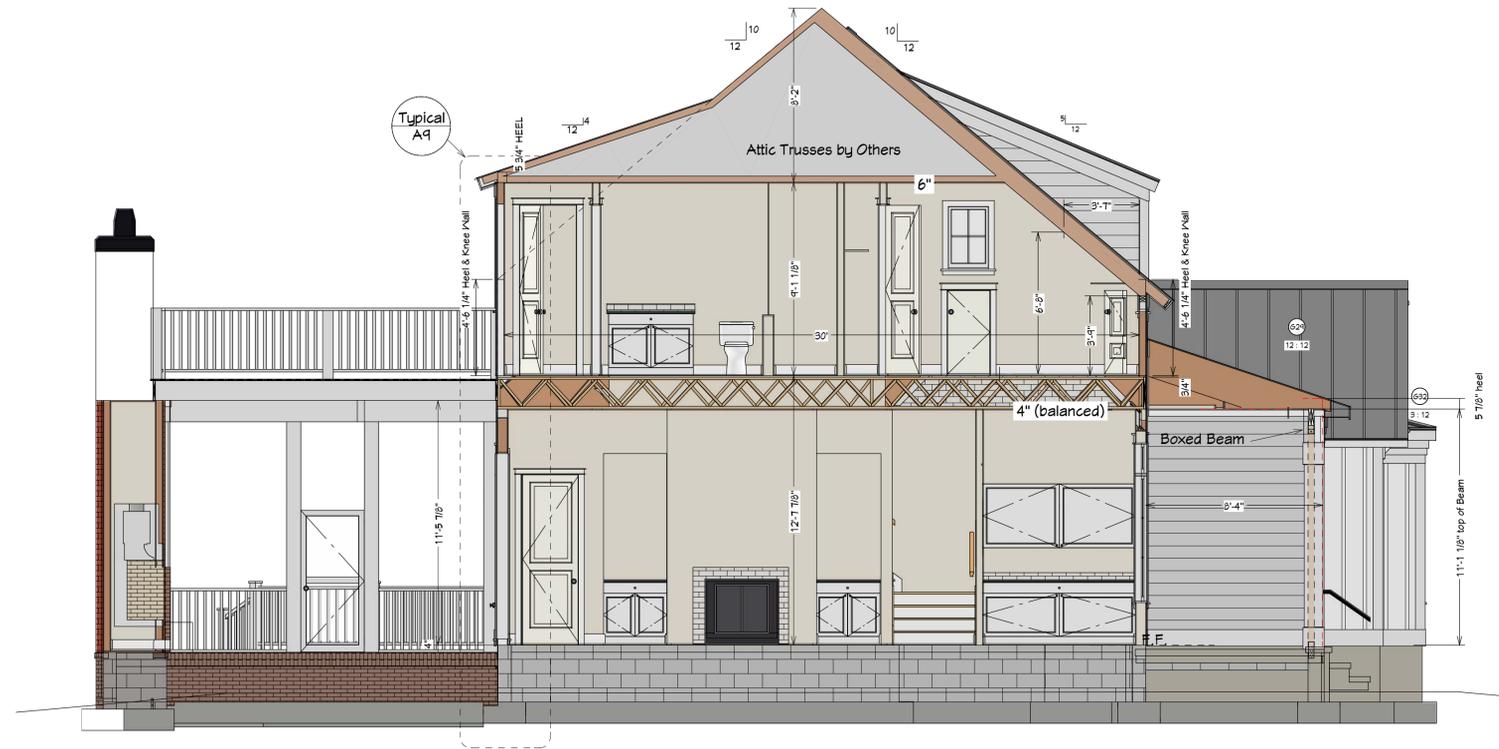


Left Elevation

Scale: 1/4" = 1'



52 Main Stair
1/4 in = 1 ft



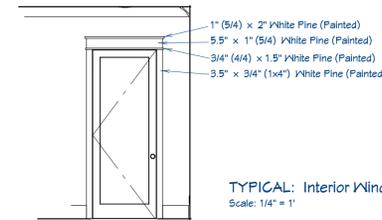
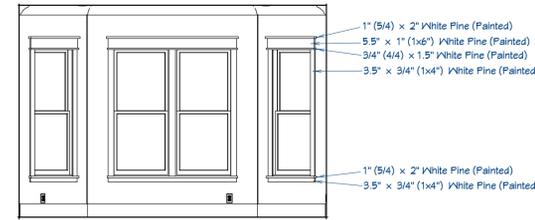
53 Living, Main Cross Section
1/4 in = 1 ft



51 Main Cross Section Garage, Family, Stairs, Master Bath
1/4 in = 1 ft



- 1) PREPARE ROUGH OPENING: CUT STND. "I-CUT" IN THE WRB. CUT (2) 45° SLITS AT TOP TO CREATE FLAP. APPLY FLEXIBLE FLASHING AT SILL + 6" MIN. UP JAMBS. SECURE FLEXED EDGE OF FLASHING WITH MECHANICAL FASTENERS.
 - 2) INSTALL WINDOW PER MANUFACTURER'S INSTRUCTIONS.
 - 3) APPLY FLASHING TAPE AT JAMBS, EXTENDING 1" ABOVE AND BELOW WINDOW HEAD FLANGE AND BOTTOM OF SILL FLASHING. APPLY FLASHING TAPE ALONG HEAD, EXTENDING BEYOND OUTER EDGES OF JAMB FLASHING.
 - 4) REPLACE WRB FLAP AT HEAD AND TAPE REMAINING CUTS IN WRB
- *REVISE INSTALLATION PROCESS ACCORDING TO WINDOW MANUFACTURER'S INSTRUCTIONS

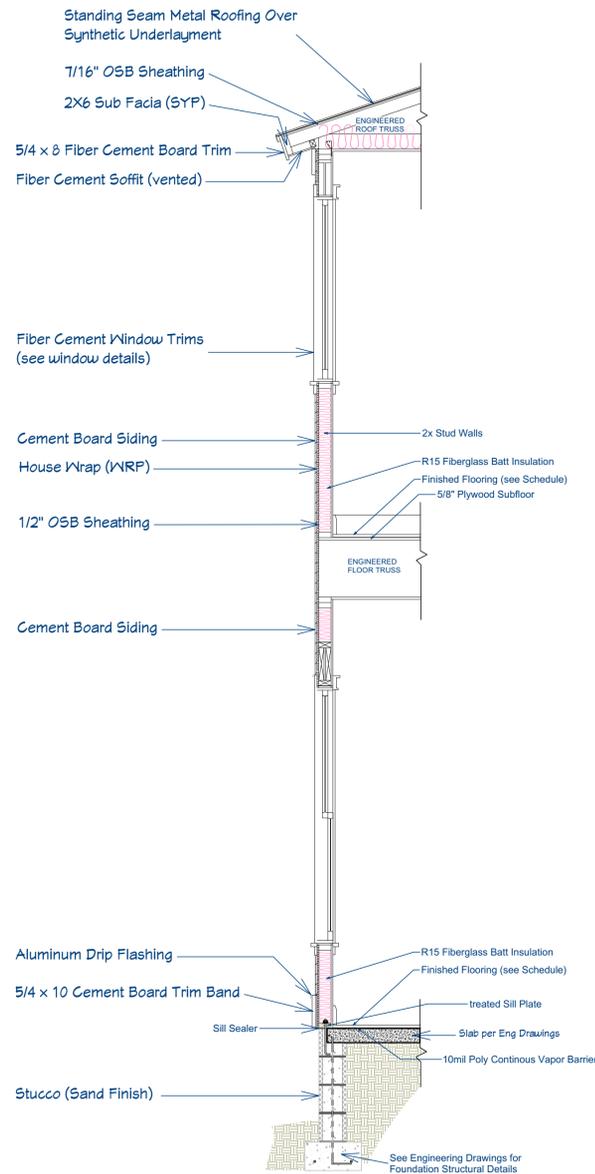


TYPICAL: Interior Window & Door Detail
 Scale: 1/4" = 1"



TYPICAL: Exterior Window & Door Detail
 Scale: 1/4" = 1"

Window Flashing Detail



Wall Details (typical)



554 Master Bed & Bath
 1/4 in = 1 ft



56 Dining Room
 1/4 in = 1 ft



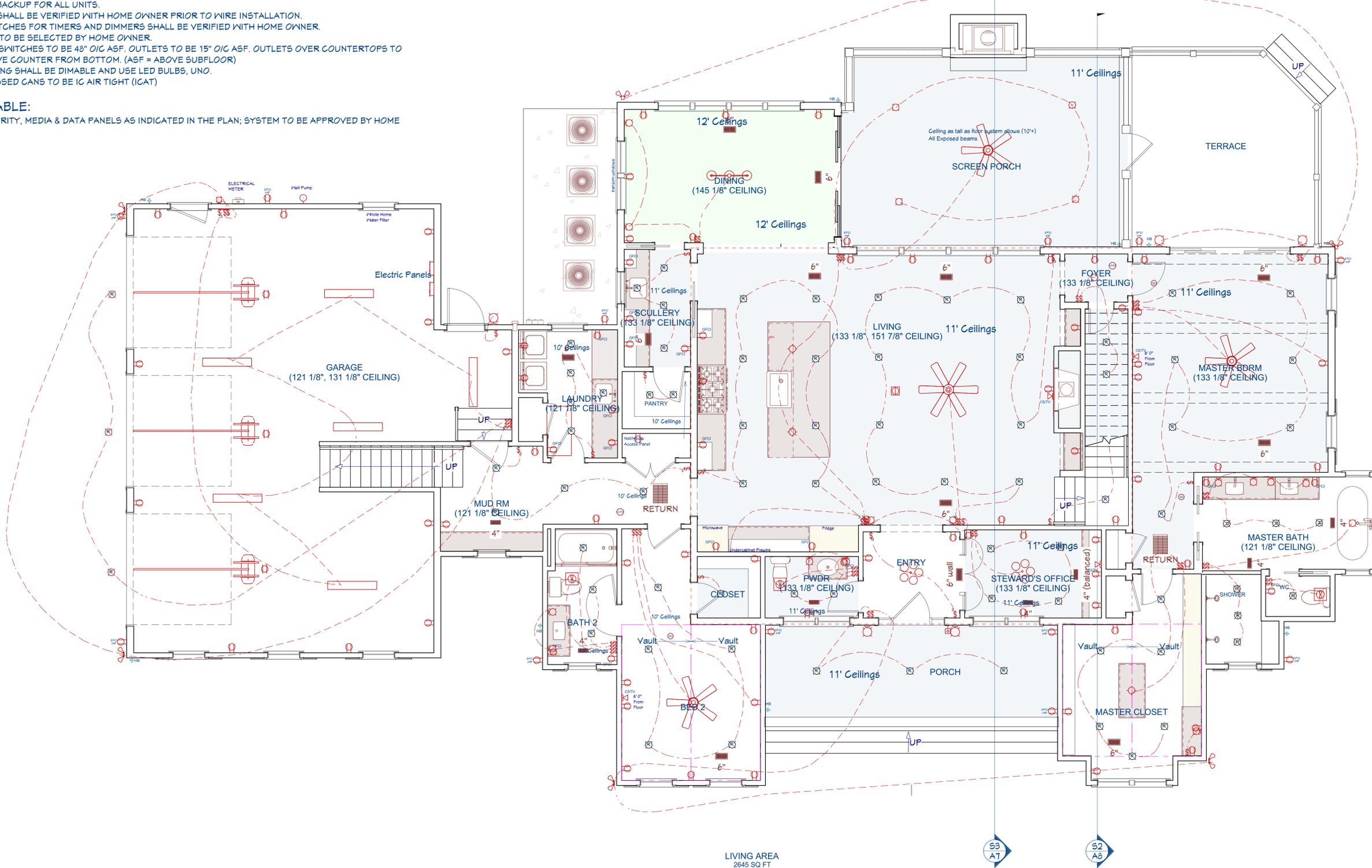
55 Porch Fireplace
 1/4 in = 1 ft

ELECTRICAL NOTES:

1. PROVIDE MIN. 200 AMP SERVICE TO MAIN PANEL.
2. ALL APPLIANCES & UTILITIES TO HAVE DEDICATED CIRCUITS. SEE MFG'S SPECS. FOR REQUIREMENTS
3. ELECTRICAL RECEPTACLES IN BATHROOMS, KITCHENS AND GARAGES SHALL BE G.F.C.I. PER NATIONAL ELECTRICAL CODE REQUIREMENTS
4. ALL BEDROOM OUTLETS AND LIGHTS BE ARCH FAULT PROTECTED
5. PROVIDE ONE SMOKE DETECTOR IN EACH ROOM AND ONE IN EACH CORRIDOR ACCESSING BEDROOMS. CONNECT SMOKE DETECTORS TO HOUSE POWER AND INTER-CONNECT SMOKE DETECTORS TO HOUSE POWER AND INTERCONNECT SO THAT, WHEN ANY ONE IS TRIPPED, THEY ALL WILL SOUND. PROVIDE BATTERY BACKUP FOR ALL UNITS.
6. CIRCUITS SHALL BE VERIFIED WITH HOME OWNER PRIOR TO WIRE INSTALLATION.
7. FINAL SWITCHES FOR TIMERS AND DIMMERS SHALL BE VERIFIED WITH HOME OWNER.
8. FIXTURES TO BE SELECTED BY HOME OWNER.
9. UNO - ALL SWITCHES TO BE 48" O/C ASF. OUTLETS TO BE 15" O/C ASF. OUTLETS OVER COUNTERTOPS TO BE 3" ABOVE COUNTER FROM BOTTOM. (ASF = ABOVE SUBFLOOR)
10. ALL LIGHTING SHALL BE DIMABLE AND USE LED BULBS, UNO.
11. ALL RECESSED CANS TO BE IC AIR TIGHT (ICAT)

DATA / CABLE:

LOCATE SECURITY, MEDIA & DATA PANELS AS INDICATED IN THE PLAN; SYSTEM TO BE APPROVED BY HOME OWNER.



1st Floor

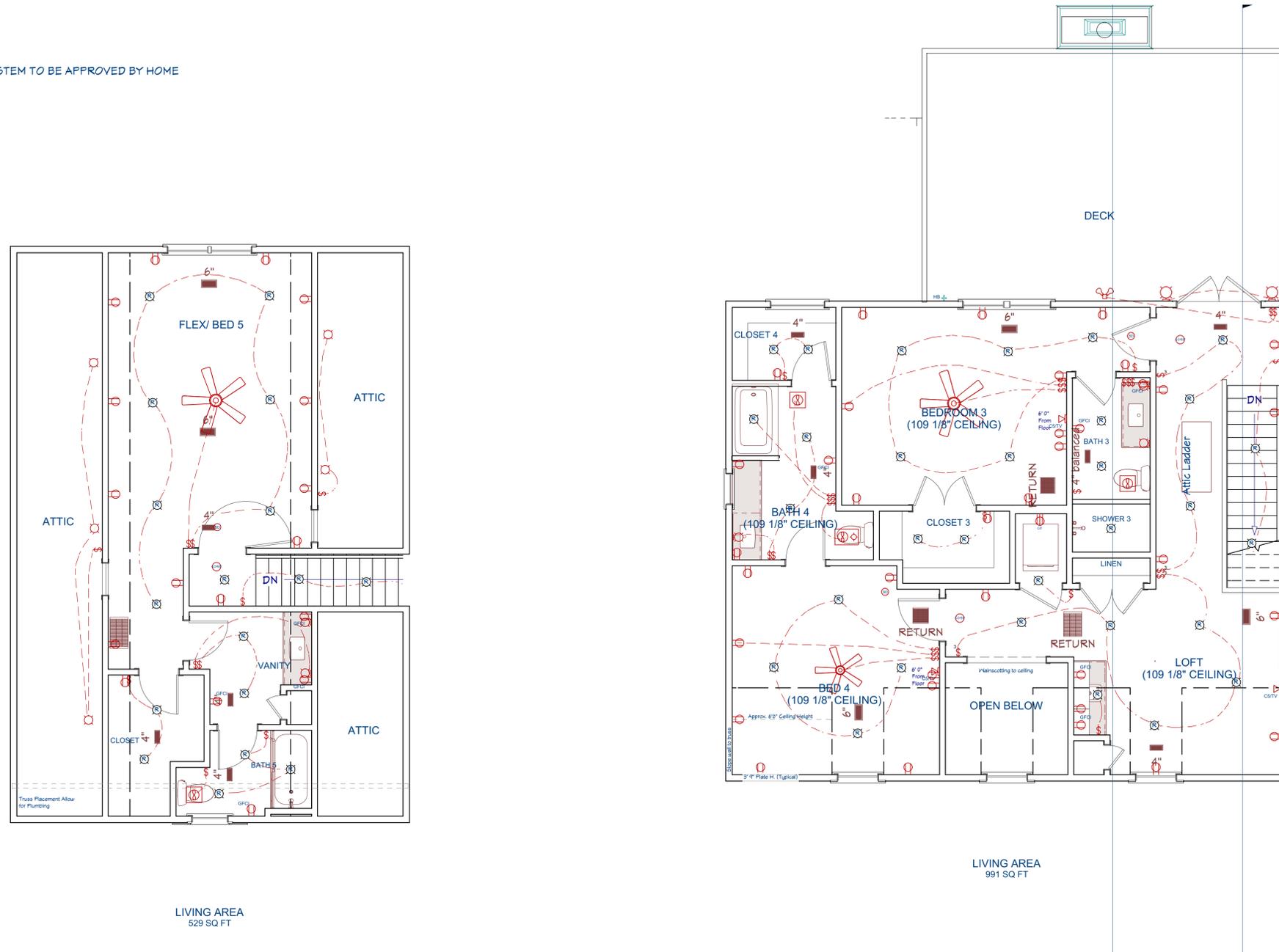
Electrical Plan
Scale: 1" = 1/4"

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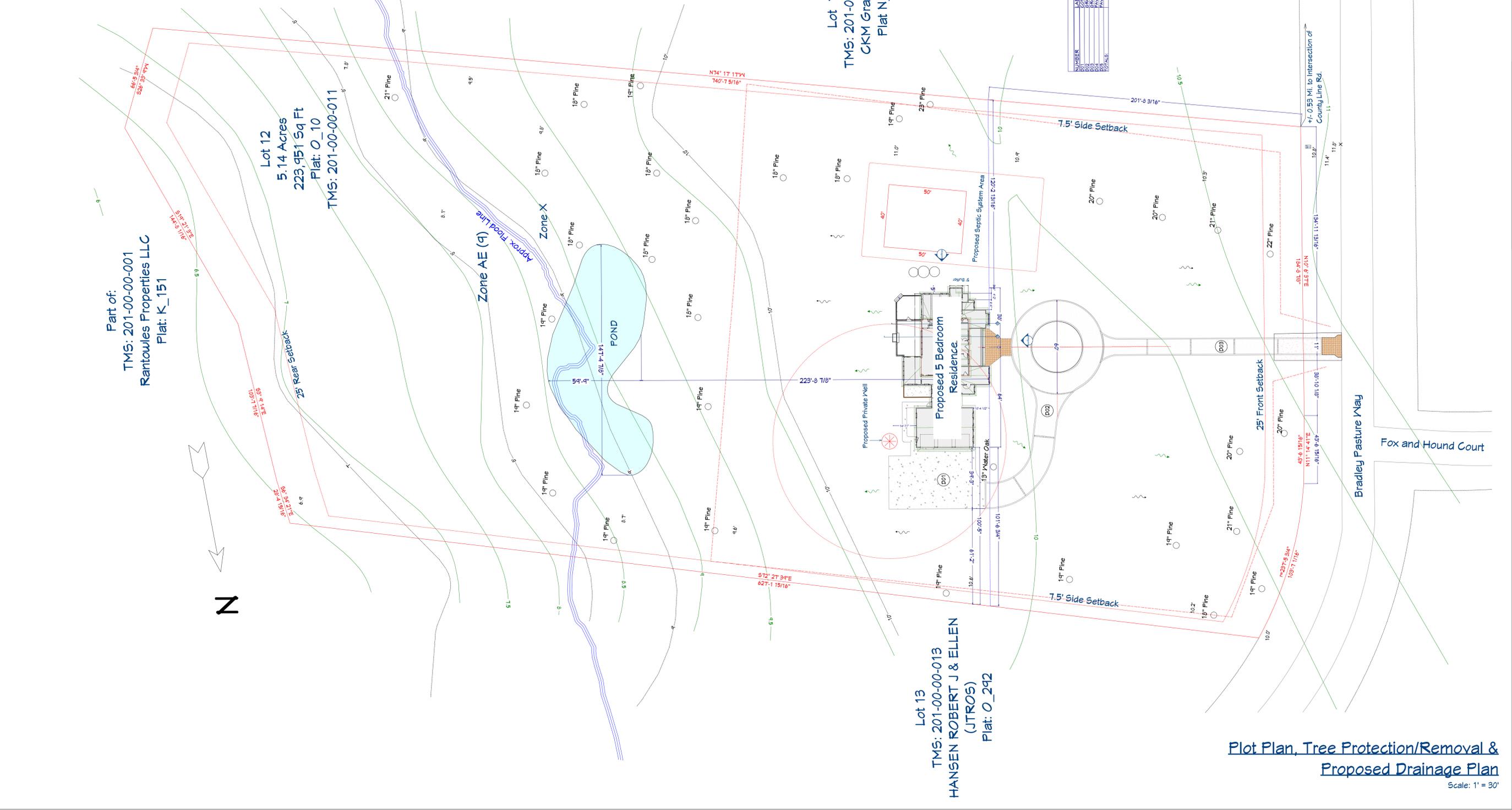
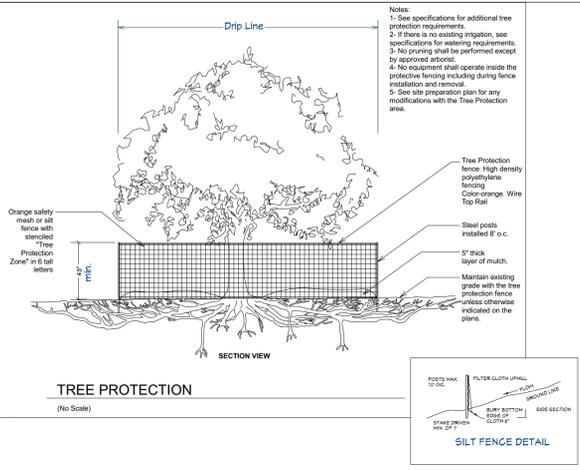
DATA / CABLE:

LOCATE SECURITY, MEDIA & DATA PANELS AS INDICATED IN THE PLAN; SYSTEM TO BE APPROVED BY HOME OWNER.



2nd Floor

Electrical Plan
Scale: 1" = 1/4"



Plot Plan, Tree Protection/Removal & Proposed Drainage Plan
 Scale: 1" = 30'

PENDIUM
 DESIGN / BUILD

DRAWINGS PROVIDED BY:
Pendium Group, LLC
 4265 Duck Club Rd., Ravenel, SC 29470
 o. 843.405.7055 | f. 888.887.5076 | pendium.com

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STATE OF SOUTH CAROLINA
 Registered Architects
 Pendium Group, LLC
 Ravenel, SC
 No. 101636

Custom Design Home For:
 Lot 12 - The Pastures at Poplar Grove
 Bradley Pasture Way
 Ravenel, SC 29470

Site Plan Tree Protection & Drainage

DATE:
 3/12/2026

SHEET:
A12