



RENDERINGS

FOR ILLUSTRATION ONLY
No Scale, Sample Landscaping



Project Planning Statistics

TMS: 204-01-00-008.000
Zoning: PUD
Design Code: 2021 IRC
Occupancy Category: II

LOT SIZE: 80,436.4 SF (1.847 Acre)
ANTICIPATED DISTURBED AREA: 16000 SF
BLDG. ENVELOPE: 3291 SF
TOTAL AREA UNDER ROOF: 4448 SF

LIVABLE AREA: 3005 SF
MAIN: 1848 SF
SECOND: 1157 SF

PORCHES: 603 SF
GARAGE: 840 SF
PATIO/DECKS: 100 SF
DRIVES & WALKS: 2470 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

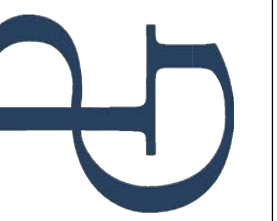
Sources:
Palmetto Land Surveying, Inc
Jason Penington
Ph: 843-571-5191 palmettolandsurveying@gmail.com
2065 Savannah Highway Ste 2 Charleston, S.C. 29407

INDEX TO DRAWINGS

TITLE SHEET	A1
FIRST FLOOR PLAN	A2
SECOND FLOOR PLAN	A3
FOUNDATION PLAN	A4
ROOF PLAN	A5
EXTERIOR ELEVATIONS	A6-A7
SCHEDULES/DETAILS	A8-A9
ELECTRICAL PLAN	A10-A11
SITE & DRAINAGE PLAN	A12

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

STRUCTURAL GENERAL NOTES	GN
STRUCTURAL DRAWINGS	S1-S8
STRUCTURAL DETAILS	SD1.0-SD4.1



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

THIS ARCHITECTURAL DRAWING AND DESIGN DRAWINGS, AS AN INSTRUMENT OF SERVICE, ARE PROTECTED UNDER U.S. GOVERNMENT COPYRIGHT LEGISLATION.
© Copyright 2020



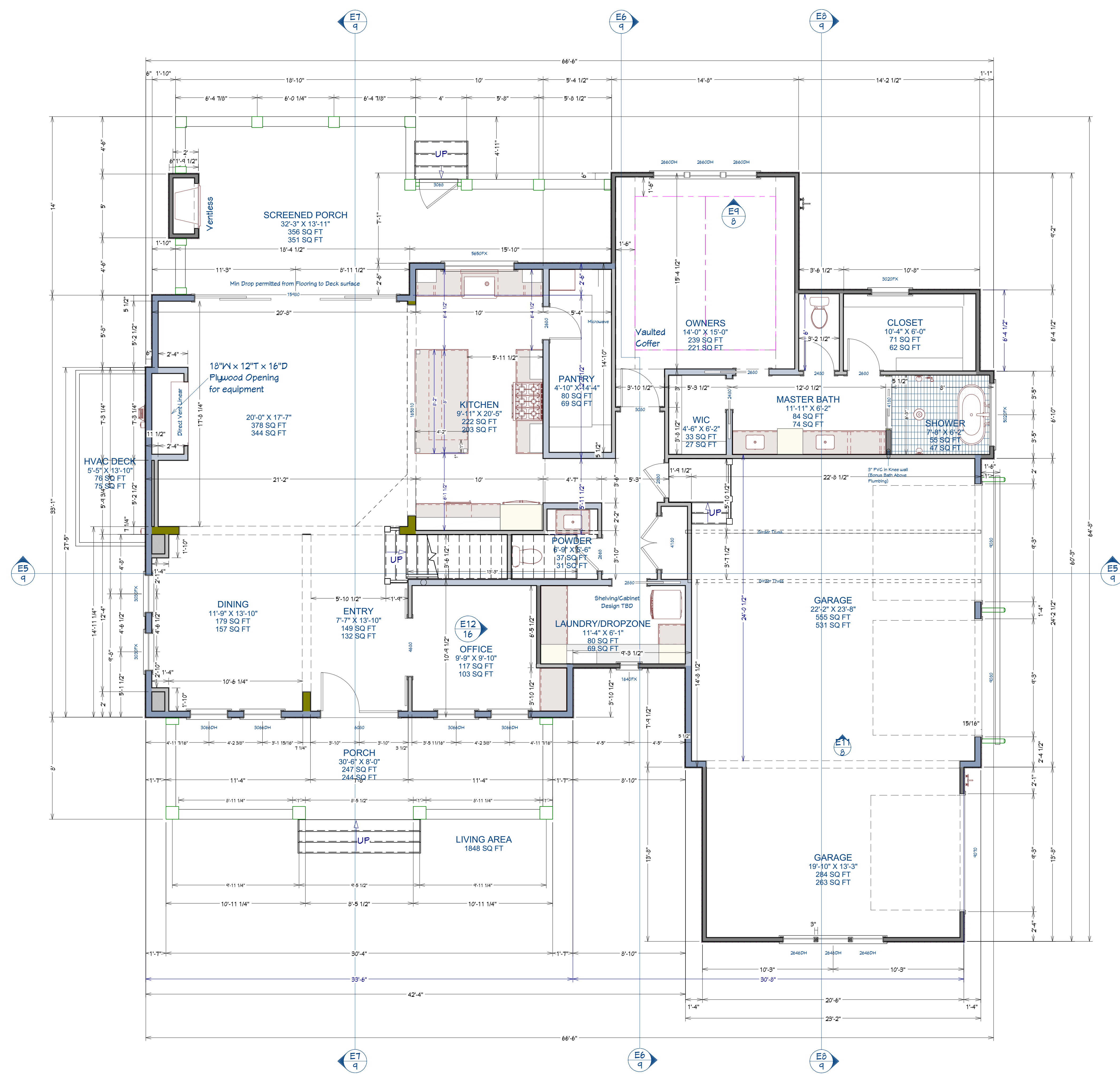
Custom Design Home For:
Juliet Stahl-Schehlein & Bruce R. Schehlein
118 Peninsula Drive
Ravenel, SC 29470

Project Overview

DATE:
9/12/2024

SHEET:

A1



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'

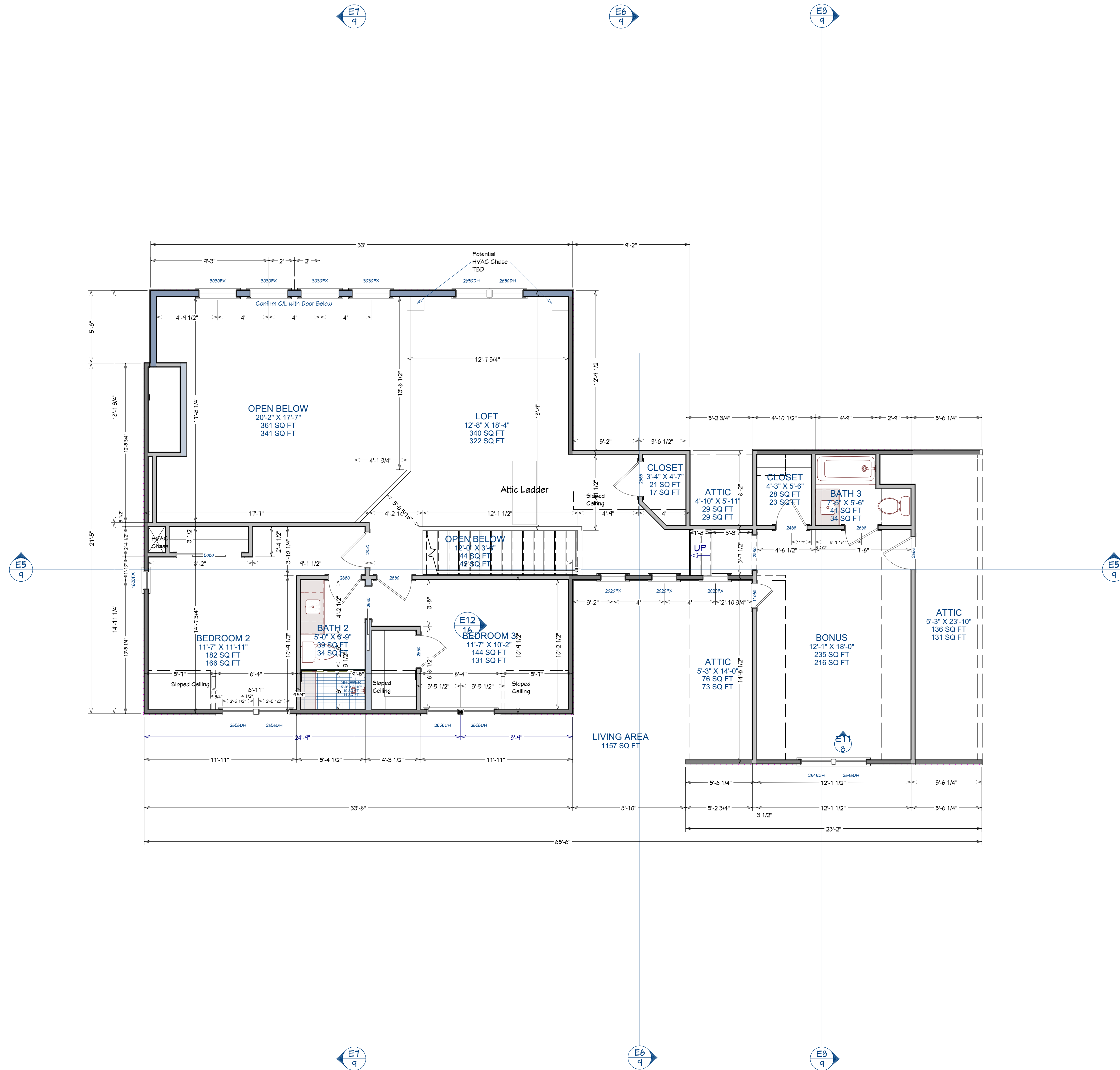

 DRAWINGS PROVIDED BY:
Pendium Group, LLC
 4265 Duck Club Rd., Ravenel, SC 29470
 o. 843.405.7055 | f. 888.887.5076 | Pendium.com

THIS ARCHITECTURAL DRAWING AND DESIGN DRAWINGS, AS AN INSTRUMENT OF SERVICE, ARE PROTECTED UNDER U.S. GOVERNMENT COPYRIGHT LEGISLATION.
 © Copyright 2020

STATE OF SOUTH CAROLINA
 Pendium Group, LLC
 Ravenel, SC
 No. 101636
 REGISTERED ARCHITECTS

Custom Design Home For:
Juliet Stahl-Schehlein & Bruce R. Schehlein
 118 Peninsula Drive
 Ravenel, SC 29470

First Floor Plan
 DATE:
 9/12/2024
 SHEET:
A2



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 A117.1 ANSI

Windborne Debris Protection: glazing shall be impact resistant or protected with an impact-resistant covering meeting the South Carolina Residential Building Code requirements of an approved impact-resistant standard meeting ASTM E1996 and ASTM E1886.

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.

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

THIS ARCHITECTURAL DRAWING AND DESIGN DRAWINGS, AS AN INSTRUMENT OF SERVICE, ARE PROTECTED UNDER U.S. GOVERNMENT COPYRIGHT LEGISLATION. © Copyright 2020



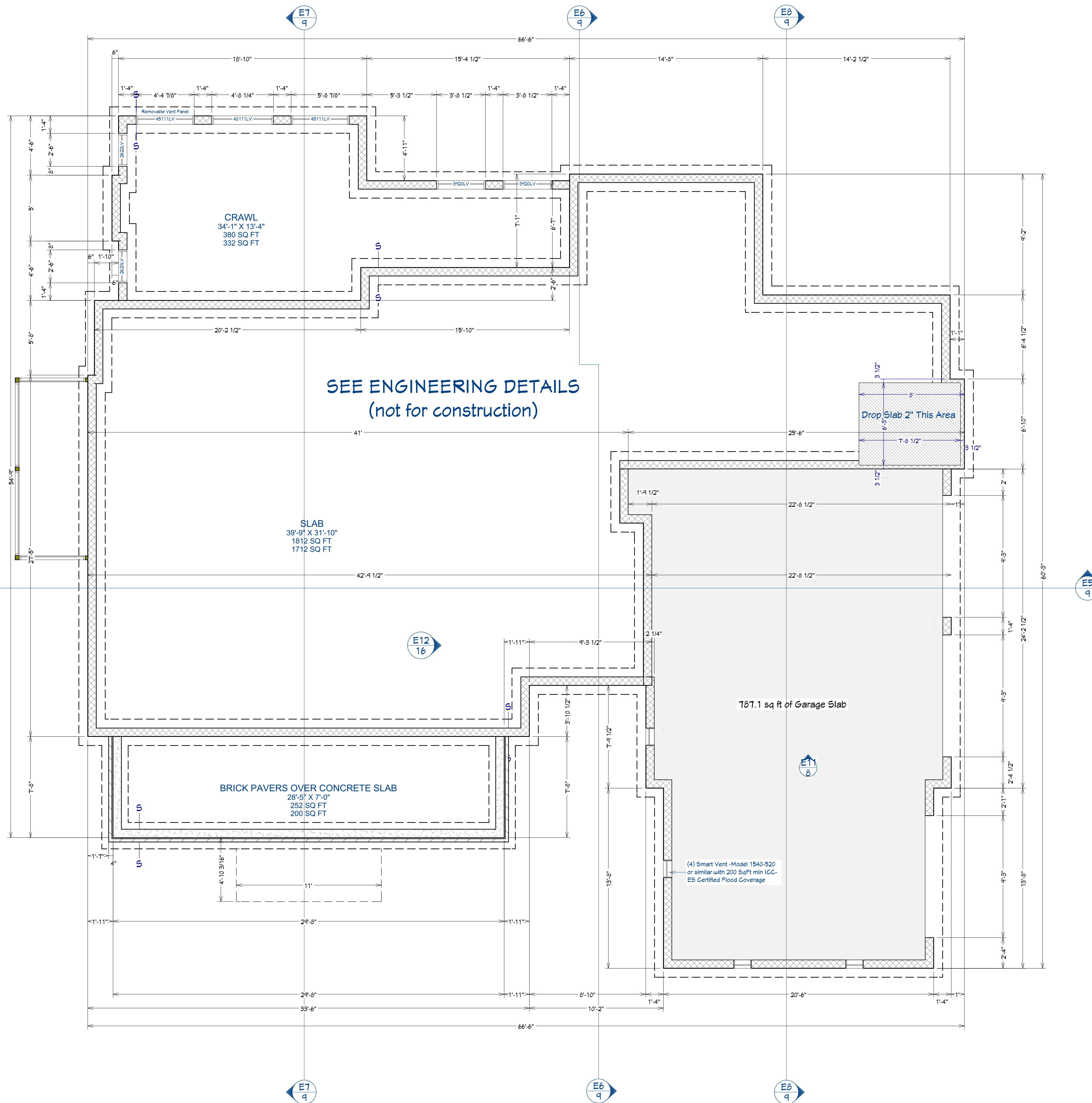
Custom Design Home For:
Juliet Stahl-Schehlein & Bruce R. Schehlein
 118 Peninsula Drive
 Ravenel, SC 29470

Second Floor Plan

DATE:
9/12/2024

SHEET:

A3



SEE ENGINEERING DETAILS
(not for construction)

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).

Foundation Plan
Scale: 1/4" = 1'


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

THIS ARCHITECTURAL DRAWING AND DESIGN DRAWINGS, AS AN INSTRUMENT OF SERVICE, ARE PROTECTED UNDER U.S. GOVERNMENT COPYRIGHT LEGISLATION.
© Copyright 2020

STATE OF SOUTH CAROLINA
 Pendium Group, LLC
 Ravenel, SC
 No. 101636
 REGISTERED ARCHITECTS

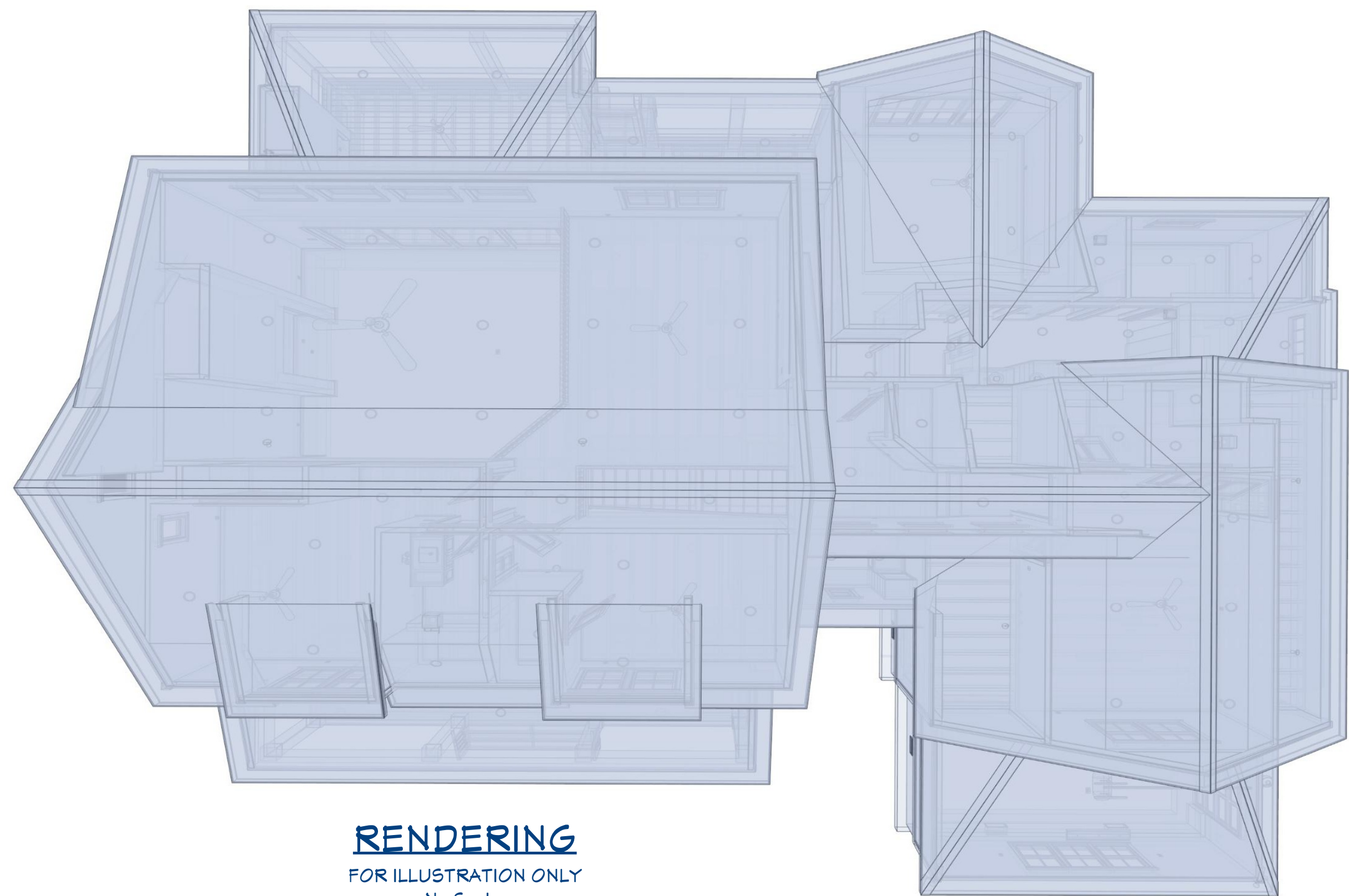
Custom Design Home For:
Juliet Stahl-Schehlein & Bruce R. Schehlein
 118 Peninsula Drive
 Ravenel, SC 29470

Foundation Plan

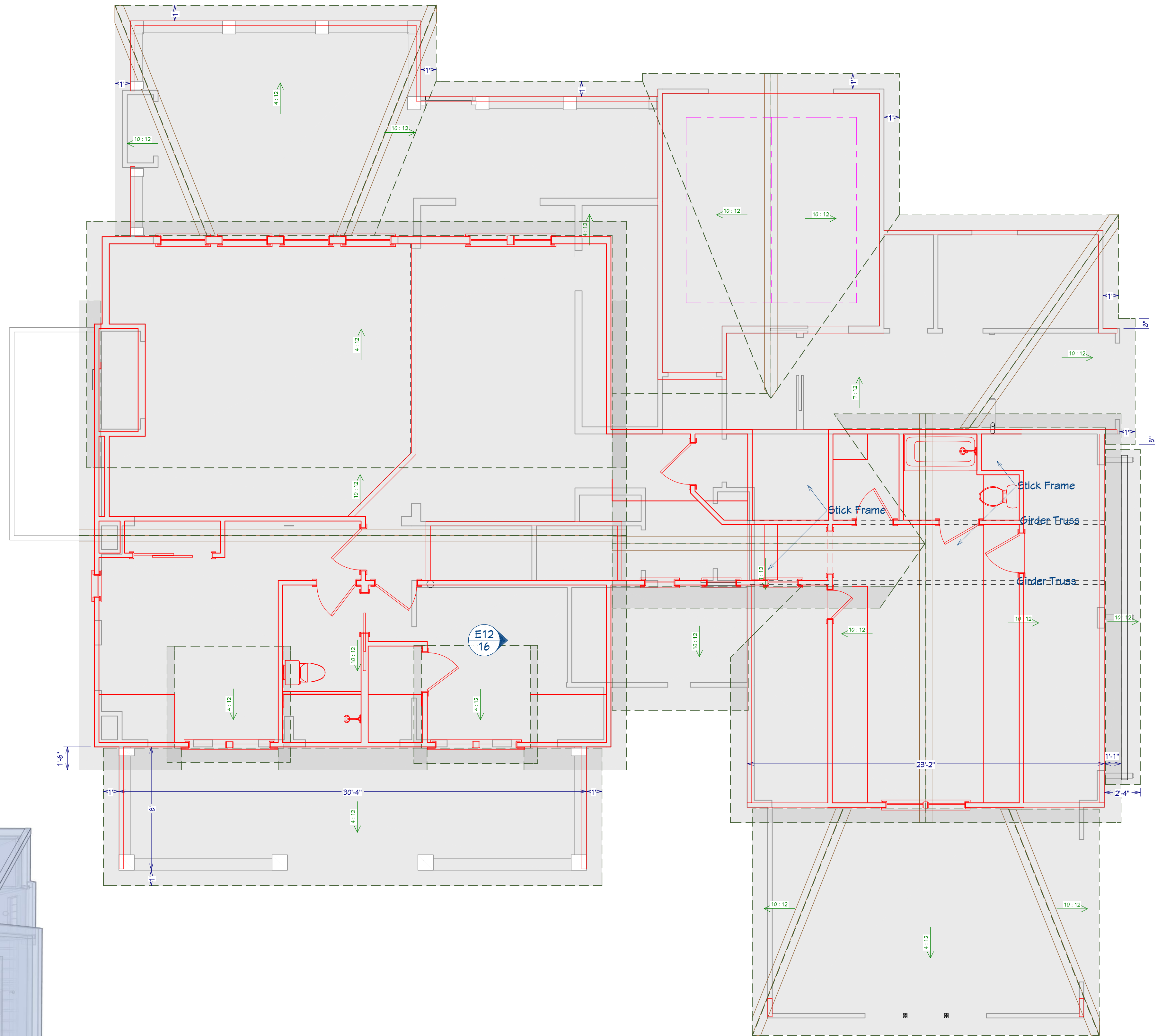
DATE:
9/12/2024

SHEET:

A4



RENDERING
FOR ILLUSTRATION ONLY
No Scale



Roof Plan
Scale: 1/4" = 1'



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

THIS ARCHITECTURAL
DRAWING AND DESIGN
DRAWINGS, AS AN
INSTRUMENT OF SERVICE,
ARE PROTECTED UNDER U.S.
GOVERNMENT COPYRIGHT
LEGISLATION.
© Copyright 2020



Custom Design Home For:
Juliet Stahl-Schehlein & Bruce R. Schehlein
118 Peninsula Drive
Ravenel, SC 29470

Roof Plan

DATE:
9/12/2024

SHEET:

A5



Front Elevation

Scale: 1/4" = 1'



Rear Elevation

Scale: 1/4" = 1'



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

THIS ARCHITECTURAL DRAWING AND DESIGN DRAWINGS, AS AN INSTRUMENT OF SERVICE, ARE PROTECTED UNDER U.S. GOVERNMENT COPYRIGHT LEGISLATION.
 © Copyright 2020



Custom Design Home For:
Juliet Stahl-Schehlein & Bruce R. Schehlein
 118 Peninsula Drive
 Ravenel, SC 29470

Exterior Elevations

DATE:
 9/12/2024

SHEET:

A6



Right Elevation
Scale: 1/4" = 1'



Left Elevation
Scale: 1/4" = 1'



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

THIS ARCHITECTURAL DRAWING AND DESIGN DRAWINGS, AS AN INSTRUMENT OF SERVICE, ARE PROTECTED UNDER U.S. GOVERNMENT COPYRIGHT LEGISLATION.
© Copyright 2020



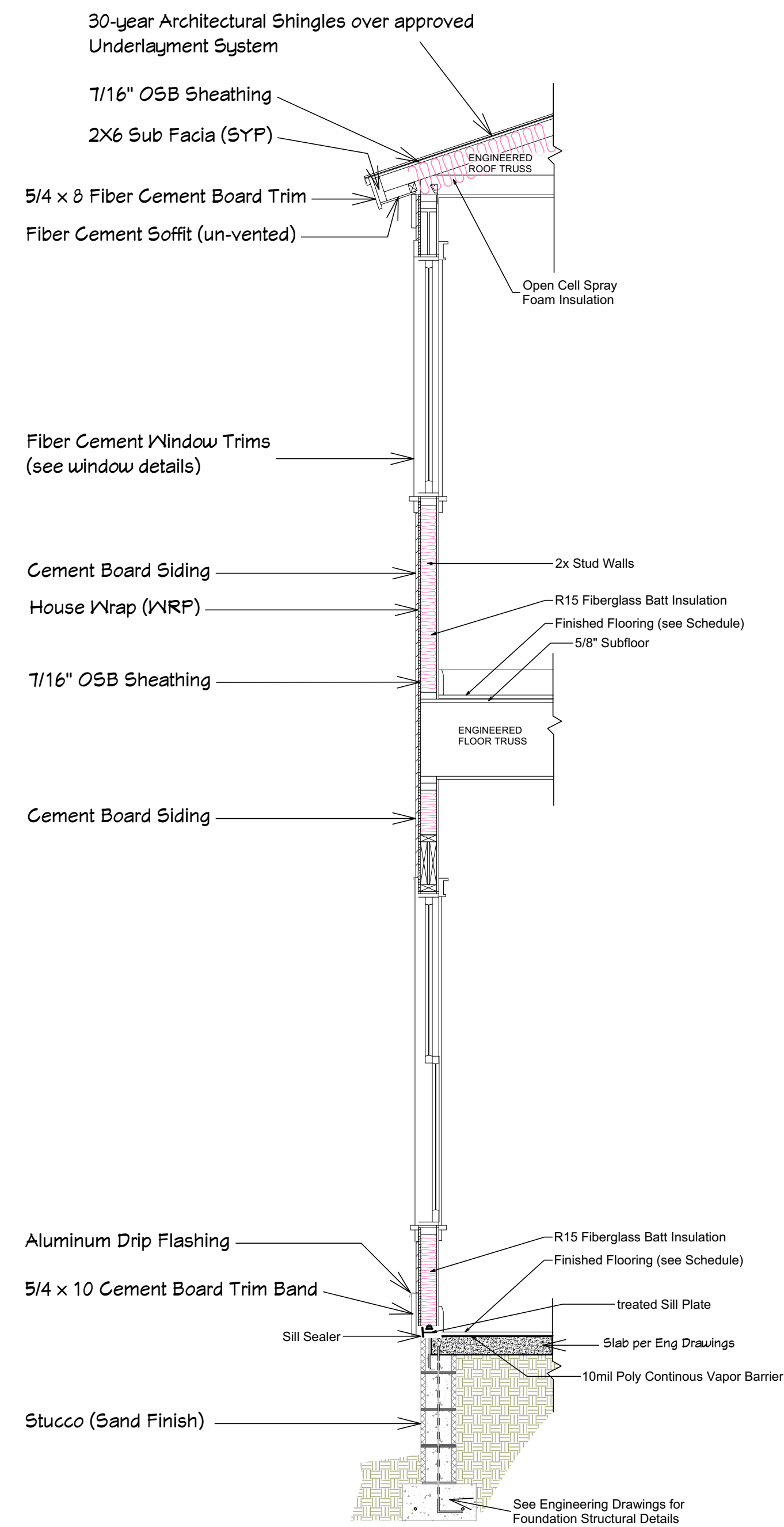
Custom Design Home For:
Juliet Stahl-Schehlein & Bruce R. Schehlein
118 Peninsula Drive
Ravenel, SC 29470

Exterior Elevations

DATE:
9/12/2024

SHEET:

A7



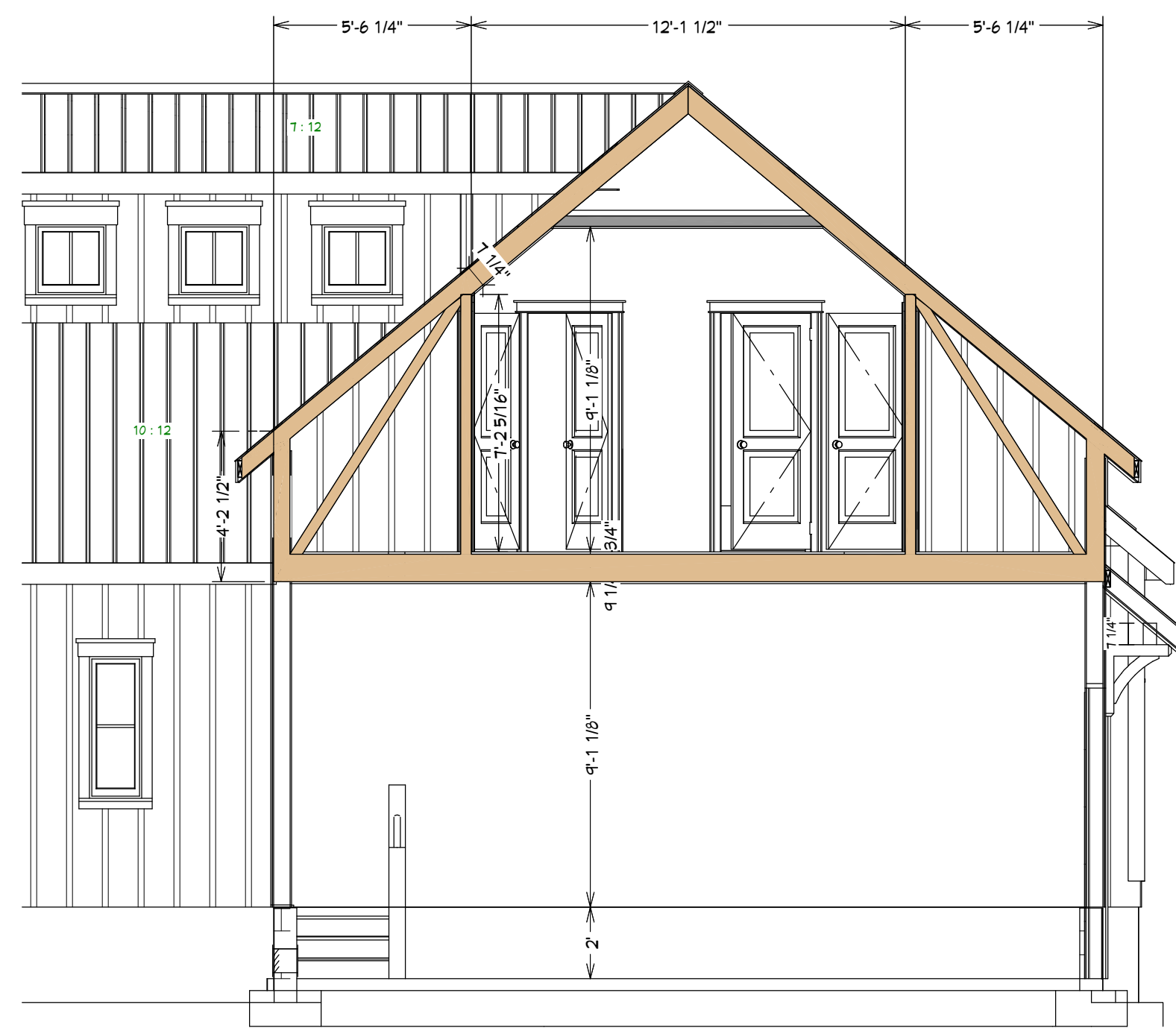
Wall Section (typical)
1/2 in = 1 ft



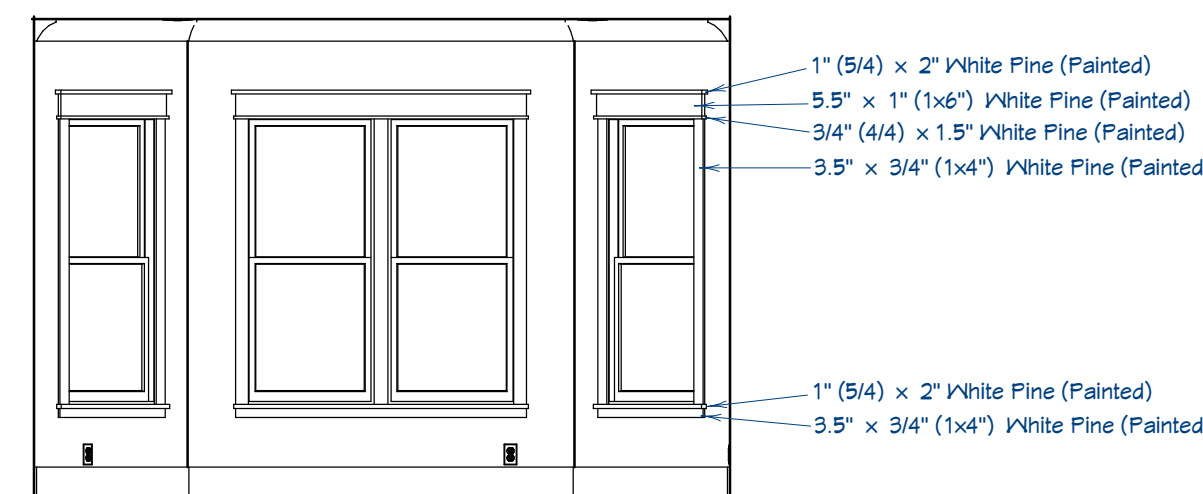
- 1) PREPARE ROUGH OPENING: CUT STD. "I-CUT" IN THE WRB. CUT (2) 45° SLITS AT TOP TO CREATE FLAP. APPLY FLEXIBLE FLASHING AT SILL + 6" MIN. UP JAMBS. SECURE FLEXED EDGE OF FLASHING WITH MECHANICAL FASTENERS.
- 2) INSTALL WINDOW PER MANUFACTURER'S INSTRUCTIONS.
- 3) APPLY FLASHING TAPE AT JAMBS, EXTENDING 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

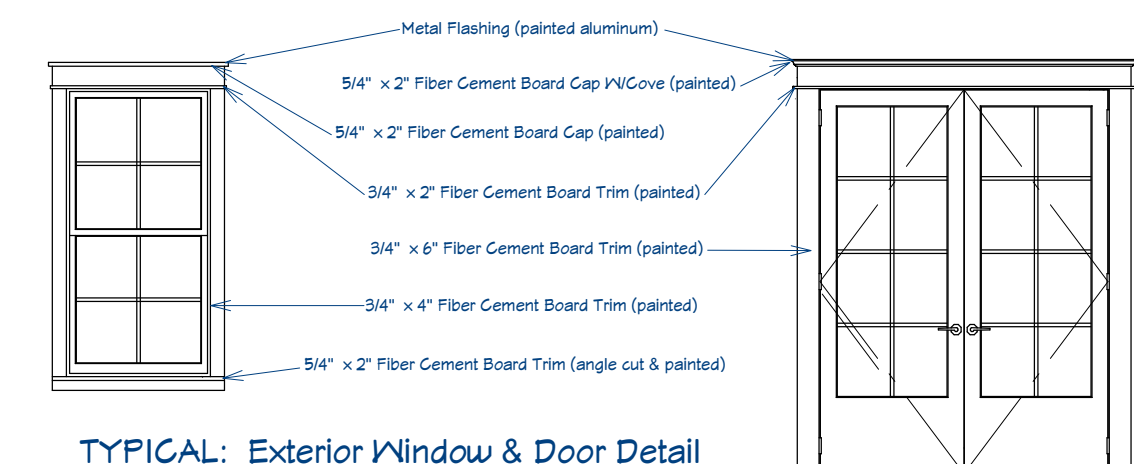
Window Flashing Detail



E11 Frog Truss
1/4 in = 1 ft



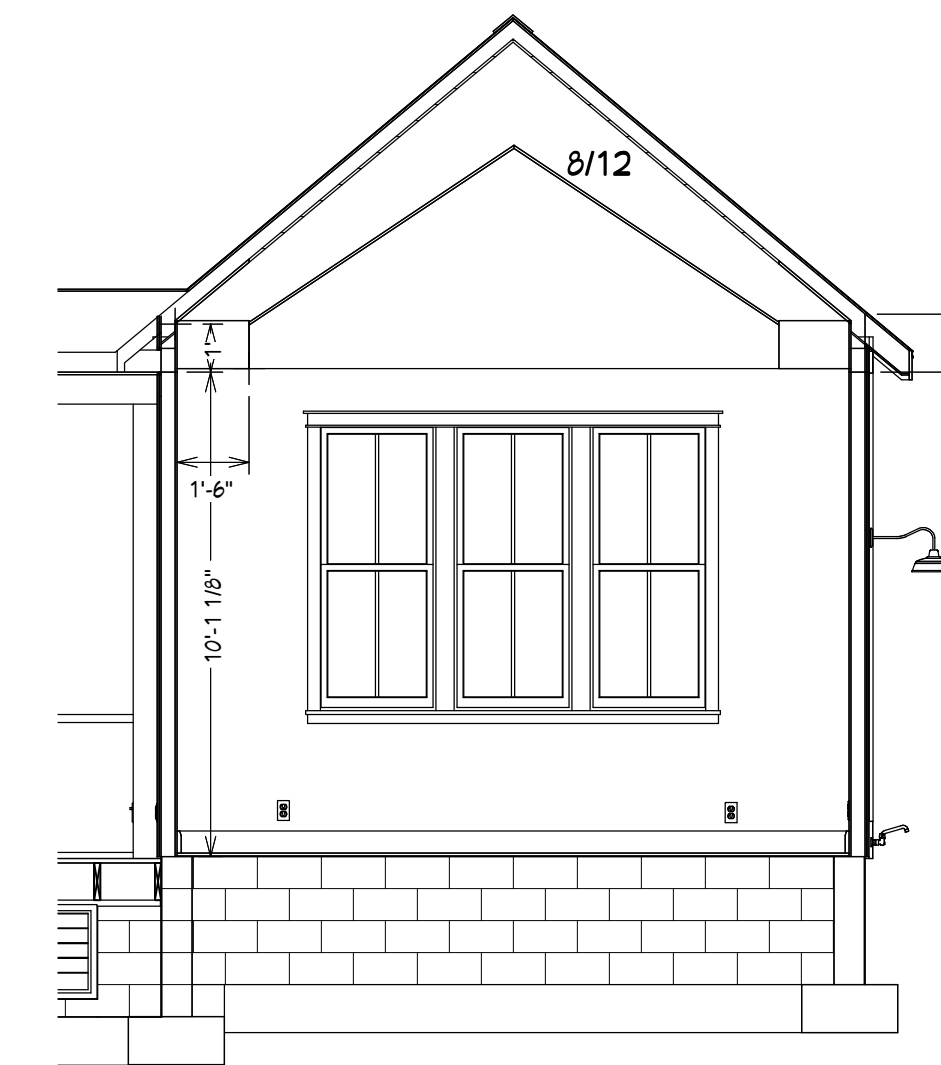
TYPICAL: Interior Window & Door Detail
Scale: 1/4" = 1"



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



Vaulted Master RENDERING
FOR ILLUSTRATION ONLY
No Scale, Sample Landscaping



E9 Master Vaulted Tray
1/4 in = 1 ft



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

THIS ARCHITECTURAL DRAWING AND DESIGN DRAWINGS, AS AN INSTRUMENT OF SERVICE, ARE PROTECTED UNDER U.S. GOVERNMENT COPYRIGHT LEGISLATION.
© Copyright 2020



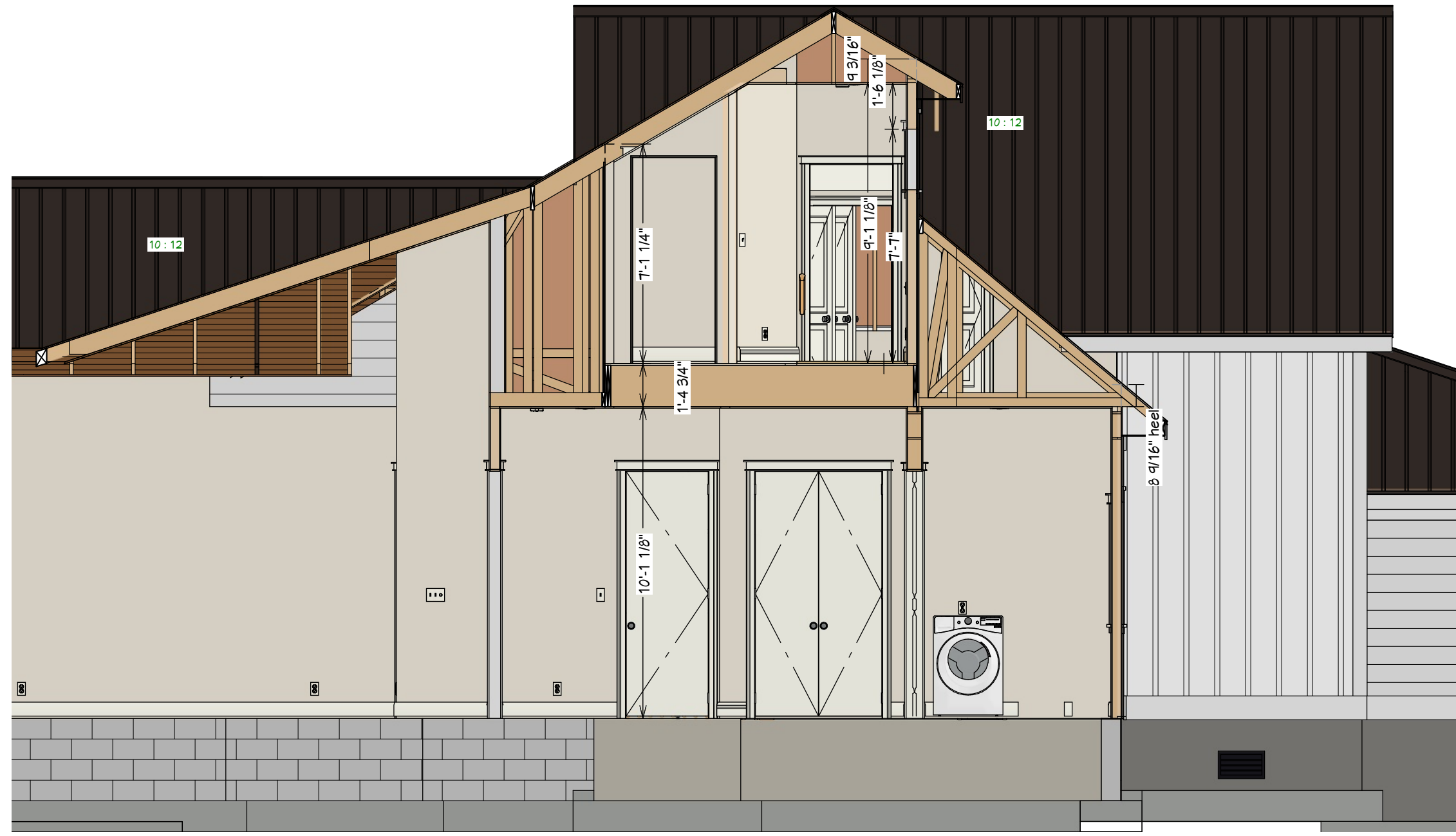
Custom Design Home For:
Juliet Stahl-Schehlein & Bruce R. Schehlein
118 Peninsula Drive
Ravenel, SC 29470

Details & Sections

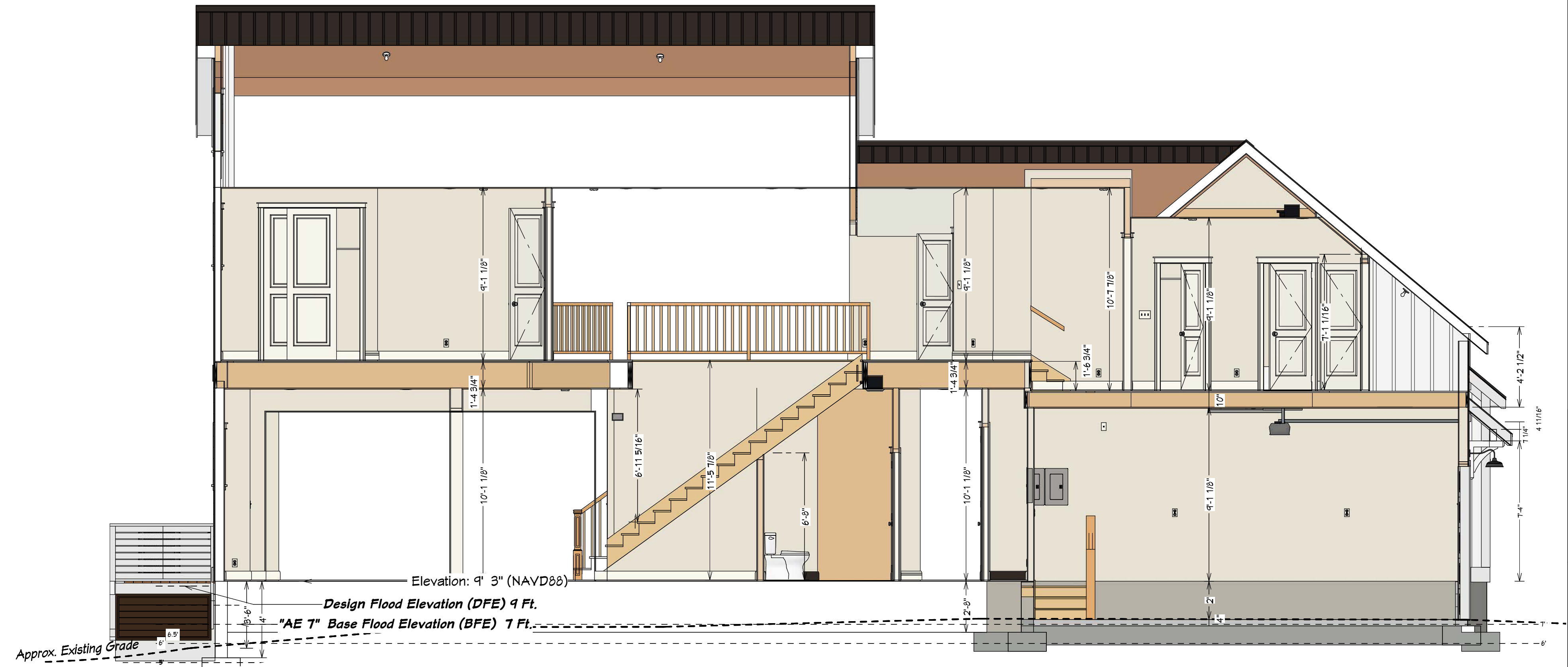
DATE:
9/12/2024

SHEET:

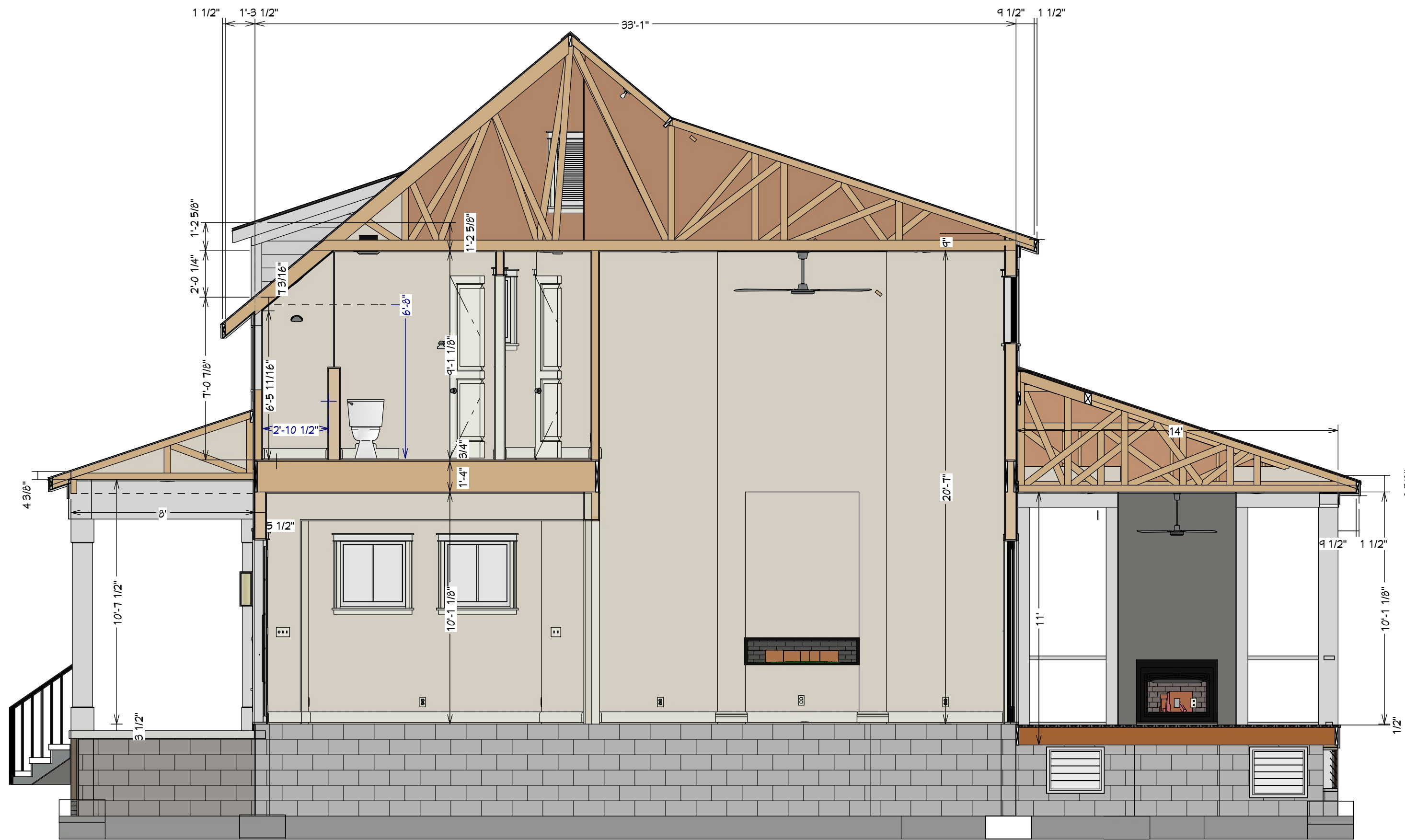
A8



E6 Section 6
1/4 in = 1 ft



E5 Main Stair Section
1/4 in = 1 ft



E7 Section 7
1/4 in = 1 ft



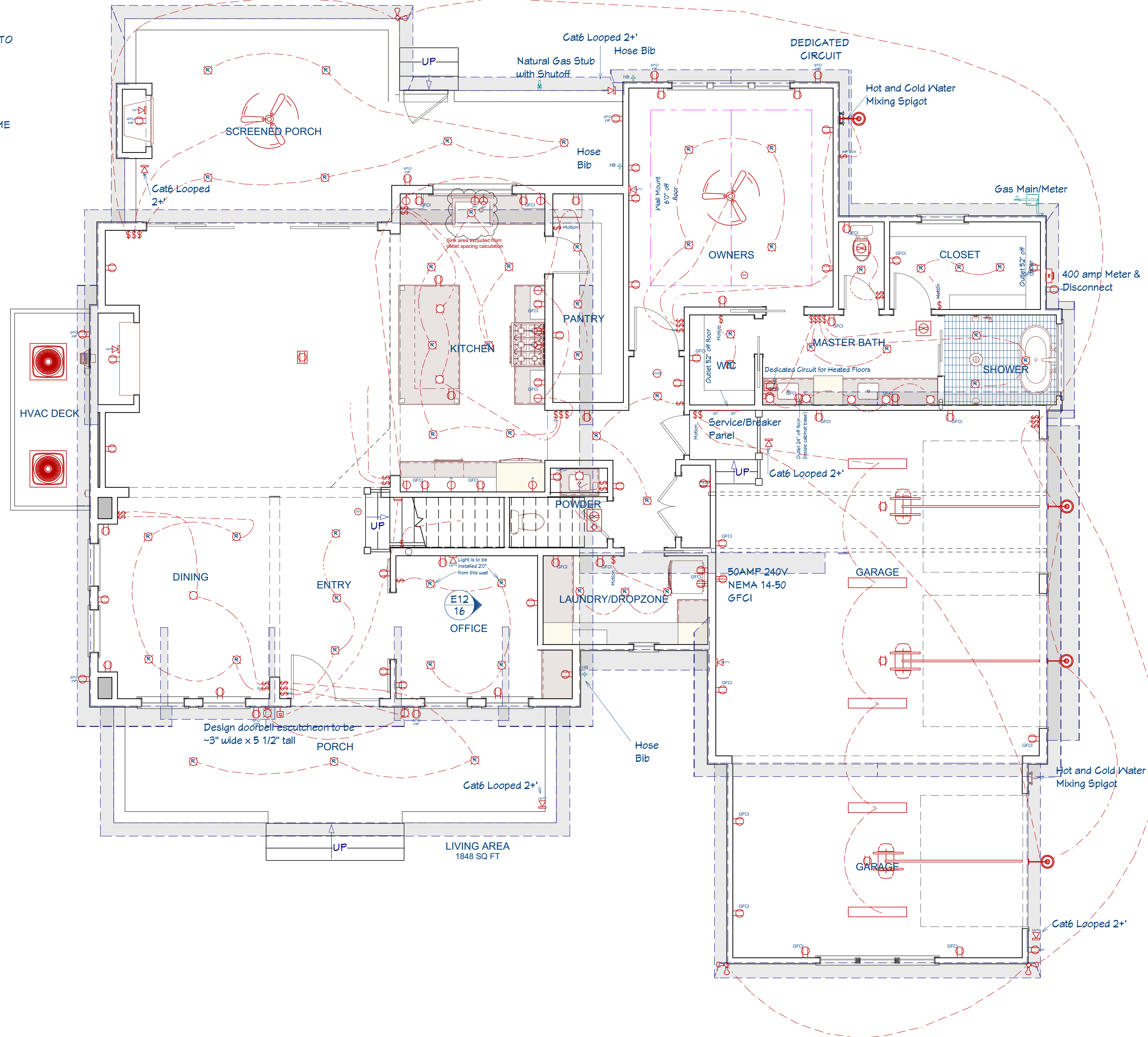
E8 Section 8
1/4 in = 1 ft

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.



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

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

THIS ARCHITECTURAL DRAWING AND DESIGN DRAWINGS, AS AN INSTRUMENT OF SERVICE, ARE PROTECTED UNDER U.S. GOVERNMENT COPYRIGHT LEGISLATION.
© Copyright 2020

STATE OF SOUTH CAROLINA
Pendium Group LLC
Ravenel, SC
No. 101636
REGISTERED ARCHITECTS

Custom Design Home For:
Juliet Stahl-Schehlein & Bruce R. Schehlein
118 Peninsula Drive
Ravenel, SC 29470

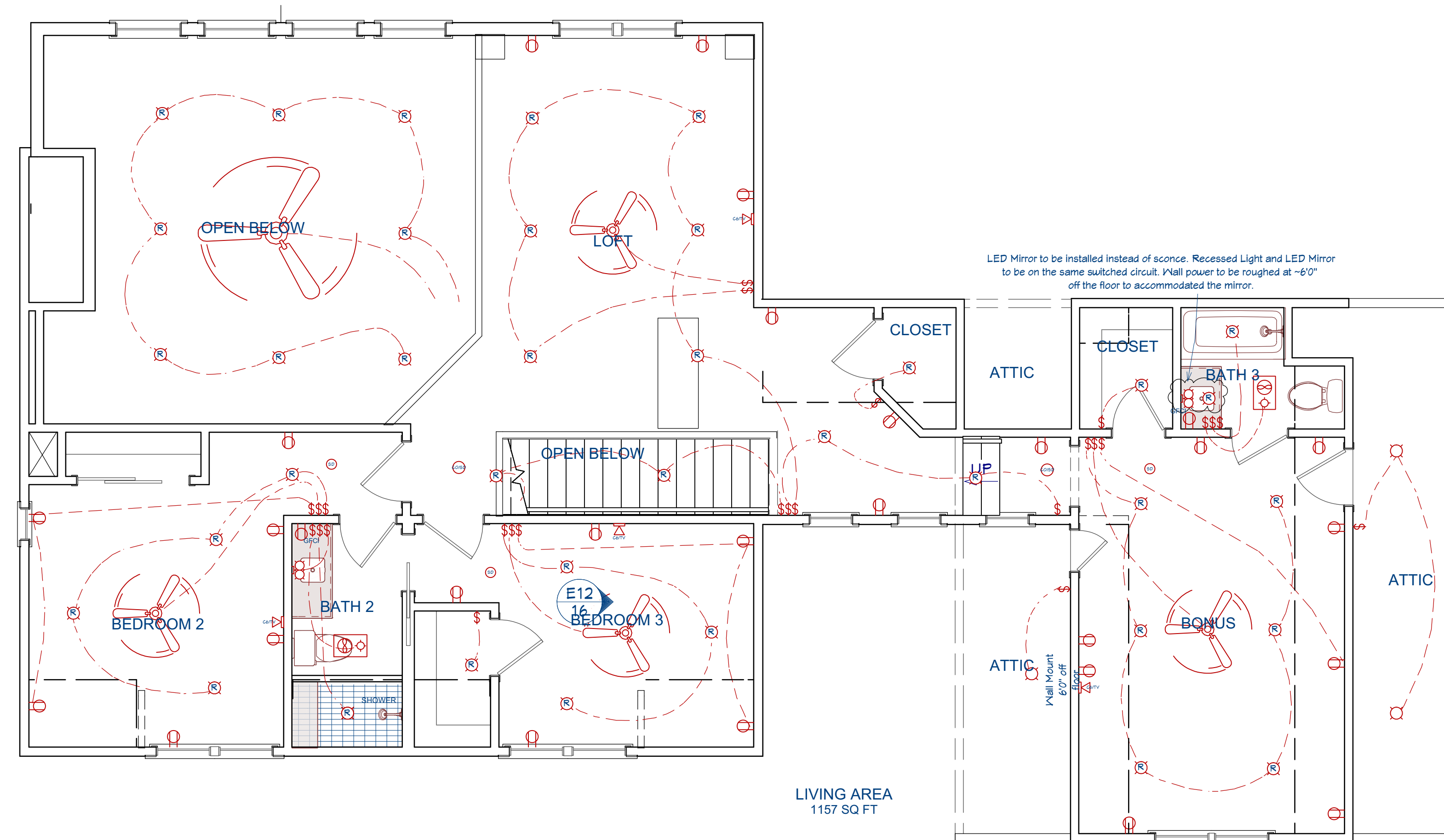
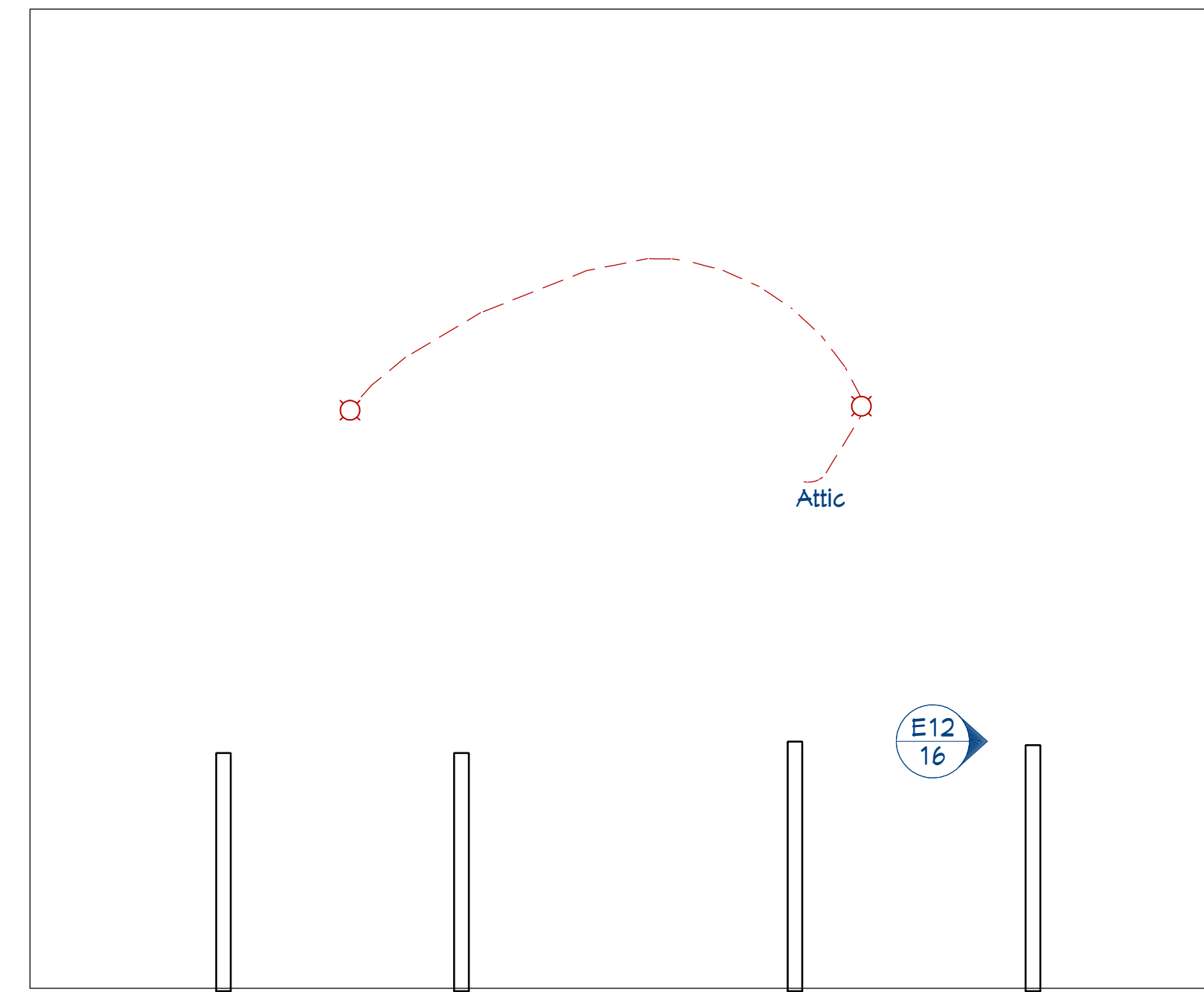
Electrical Plan

DATE:
9/12/2024

SHEET:

A10

2D SYMBOL	QTY	WIDTH	DEPTH	HEIGHT	ELECTRICAL SCHEDULE DESCRIPTION
	1	3/4"	3/4"	4 1/8"	CONTEMPORARY DOORBELL BUTTON
	1	7"	2 3/4"	4 1/2"	CAGE DOORBELL CHIME
	56	3"	5 1/16"	5"	DUPLEX
	2	10 5/16"	5 5/16"	4"	VANITY LIGHT
	12	3"	3/4"	5"	CAT6 TV
	2	3"	5"	5 1/16"	DUPLEX
	24	3"	5 1/16"	5"	GFCI
	3	14 1/4"	3 3/8"	23"	ELECTRICAL PANEL - RECESSED
	2	3 1/16"	3 1/4"	5 3/4"	DUPLEX WEATHERPROOF RECEPTACLE, COVER
	6	42"	42"	22"	3 BLADE CEILING FAN
	4	2 7/8"	7 1/16"	4 9/16"	GFCI WEATHERPROOF RECEPTACLE
	1	12"	12"	22"	3 BLADE CEILING FAN
	2	3"	5 1/16"	5"	220V RECEPTACLE
	5	4 7/16"	4 1/2"	4 3/4"	BARE BULB
	2	8 1/2"	8 1/2"	3 1/4"	EXHAUST FAN
	5	48"	9 7/8"	2 13/16"	SURFACE MOUNTED LED FLAT PANEL
	3	3"	5"	5 1/16"	DUPLEX CEILING RECEPTACLE
	2	7"	7"	16"	CUBED WALL SCONCE LARGE
	63	3"	3/4"	5"	SINGLE POLE SWITCH
	1	11 1/4"	6 1/16"	15 5/8"	ELECTRIC METER
	4	3"	1 1/2"	5"	SINGLE POLE DIMMER
	1	3"	5 1/16"	5"	ELECTRIC RANGE RECEPTACLE
	5	3"	5 1/16"	5"	SINGLE RECEPTACLE
	5	5"	5"	1 1/8"	SMOKE DETECTOR 1
	84	7 3/8"	7 3/8"	5 1/16"	RECESSED DOWN LIGHT 6
	3	5"	5"	1 1/8"	CO/SMOKE DETECTOR
	4	21 5/16"	11"	11 1/16"	BAARN-LT
	2	3"	5 1/16"	5"	REFRIGERATOR RECEPTACLE
	1	3"	1/8"	4 3/4"	HOOD VENT RECEPTACLE
	1	3"	1/8"	4 3/4"	GARBAGE DISPOSAL RECEPTACLE
	1	3"	5 1/16"	5"	DISHWASHER RECEPTACLE
	3	13 3/8"	8 3/16"	6 7/16"	SPOTLIGHT 2 (CEILING)
	4	11"	11"	3 5/8"	FLUSH MOUNTED
	3	12"	12"	1 1/4"	EXHAUST FAN + LIGHT
	2	3"	1/4"	5"	CAT6



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



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

THIS ARCHITECTURAL DRAWING AND DESIGN DRAWINGS, AS AN INSTRUMENT OF SERVICE, ARE PROTECTED UNDER U.S. GOVERNMENT COPYRIGHT LEGISLATION. © Copyright 2020



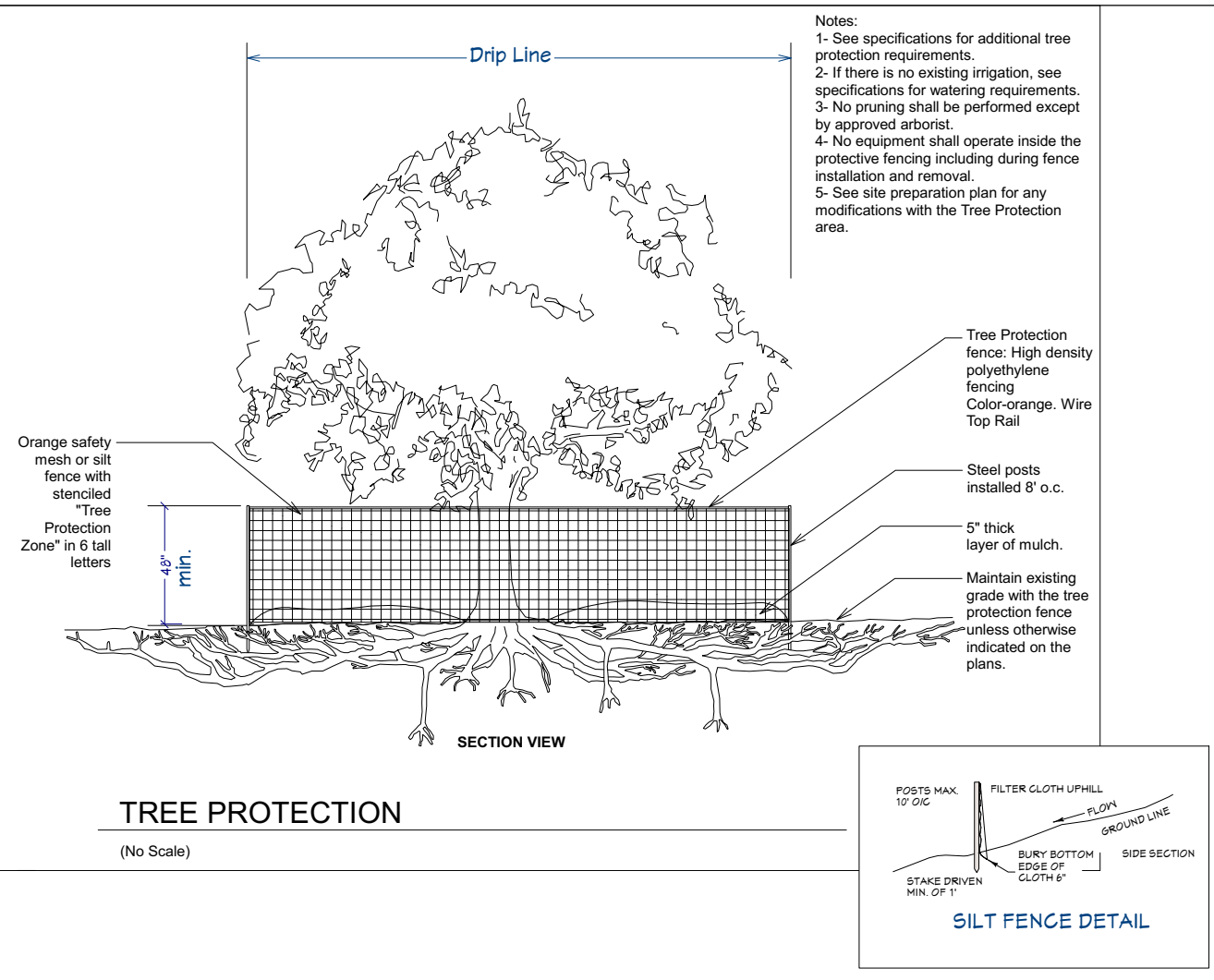
Custom Design Home For:
Juliet Stahl-Schehlein & Bruce R. Schehlein
118 Peninsula Drive
Ravenel, SC 29470

Electrical Plan

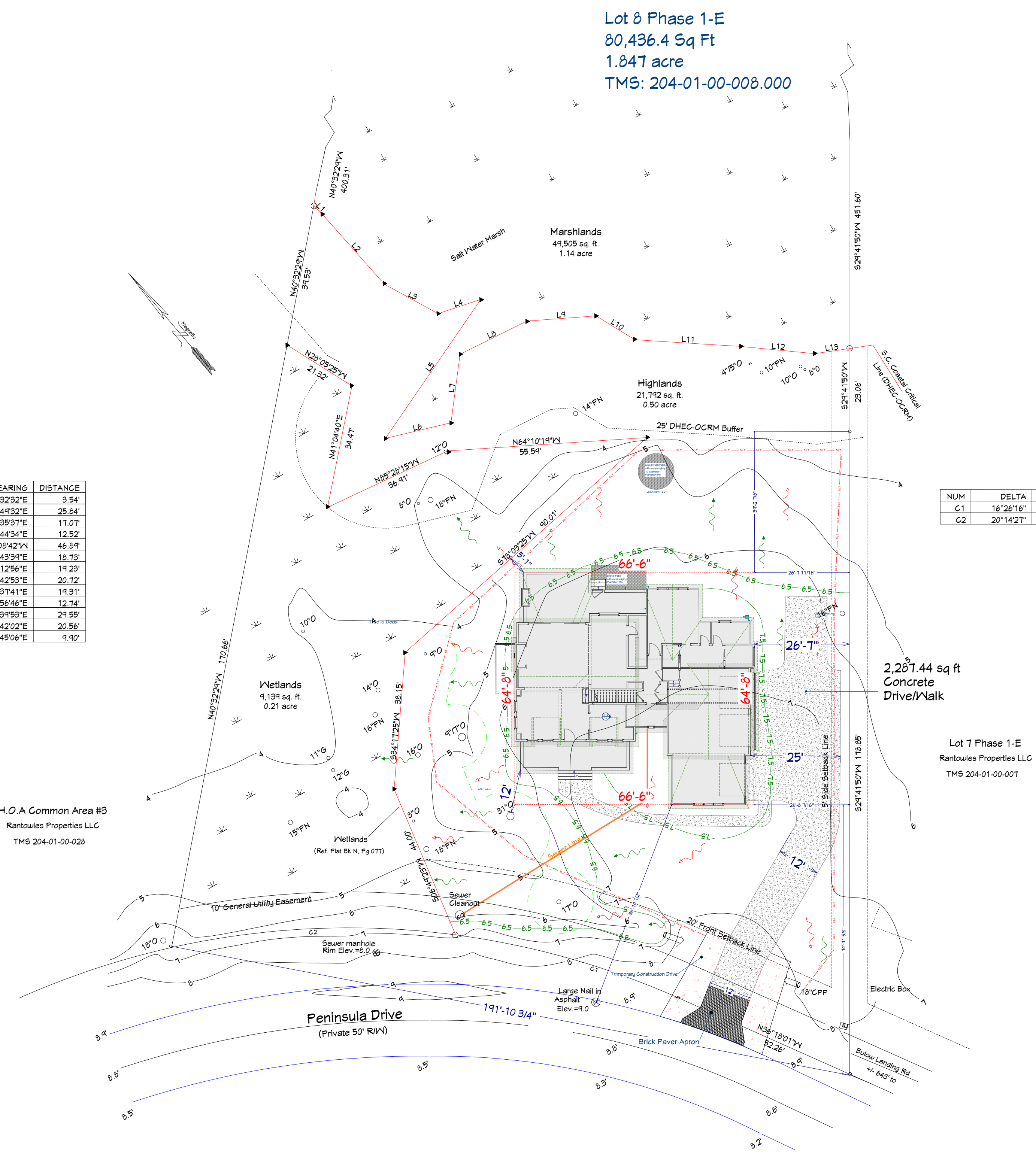
DATE:
9/12/2024

SHEET:

A11



NUM	BEARING	DISTANCE
L1	S14°32'32\"E	3.54'
L2	S11°4'32\"E	25.64'
L3	S31°38'31\"E	17.07'
L4	S70°44'34\"E	12.52'
L5	S64°02'42\"N	46.91'
L6	S13°43'34\"E	18.73'
L7	N31°12'56\"E	14.23'
L8	S66°42'53\"E	20.72'
L9	S64°3'74\"E	19.31'
L10	S28°56'46\"E	12.74'
L11	S66°34'53\"E	24.55'
L12	S54°42'02\"E	20.56'
L13	S68°45'06\"E	4.90'



NUM	DELTA	ARC	RADIUS	BEARING	DISTANCE
C1	16°26'16\"	64.55'	225.00'	N44°31'10\"N	64.33'
C2	20°14'27\"	74.44'	225.00'	N62°51'40\"N	74.07'

- LEGEND:**
- 1/2\" rebar found
 - 5/8\" rebar found
 - 5/8\" rebar set
 - ▲ calculated point
 - ▲ Temporary bench mark (Elev. = 4.0')
 - 6.6 spot elevation
Elevation Datum: NGVD 1988
 - W water meter
 - ⊞ Electrical
 - ⊞ Cable Box
 - ⊞ Sewer Clean out
 - Tree (existing)
 - = oak tree
 - = gum tree
 - = pine tree
 - ⊗ Tree (to be removed)
 - Existing Grade
 - Proposed Grade
 - Existing Drainage Flow
 - Proposed Drainage Flow
 - Temp Washdown Area
 - Tree Protection Zone
 - Silt Fence
 - freshwater wetlands
 - marsh
 - 25' DHEG-OCRM critical line buffer
 - 10' general utility easement
 - freshwater wetland edge
 - building setback line

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

THIS ARCHITECTURAL DRAWING AND DESIGN DRAWINGS, AS AN INSTRUMENT OF SERVICE, ARE PROTECTED UNDER U.S. GOVERNMENT COPYRIGHT LEGISLATION. © Copyright 2020

STATE OF SOUTH CAROLINA
Pendium Group, LLC
Ravenel, SC
No. 101636
REGISTERED ARCHITECTS

Custom Design Home For:
Juliet Stahl-Schehlein & Bruce R. Schehlein
118 Peninsula Drive
Ravenel, SC 29470

Site Plan Tree Protection & Drainage

DATE:
9/12/2024

SHEET:

A12

Plot Plan, Tree Protection/Removal & Proposed Drainage Plan
Scale: 1" = 20'