Woodcrest - Hook Farms Lot 15

2046 SW Hook Farm Dr Lee's Summit, MO 64082

Sheet List

RCP/Electrical Plan - Basement/Garage

RCP/Electroical Plan - Living Space

04 - Structure

05 - Architecture

A6.D

S0 Foundation Plan

A0 Floor Plan - Basement/Garage A1 Floor Plan - Living Space

Elevations

Details

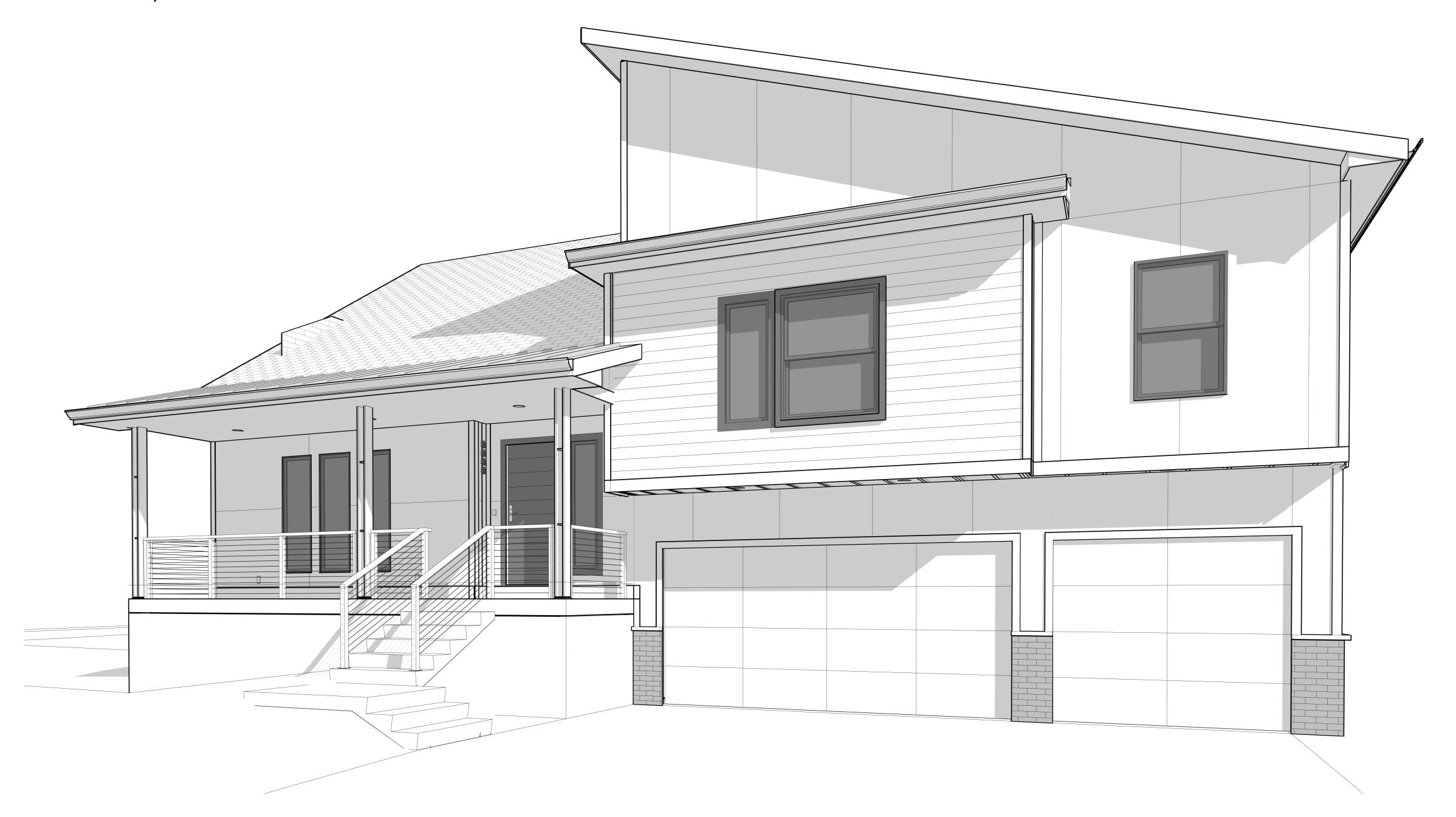
A10 Interior Options

A11 Kitchen

Building Sections

Wall Sections

S1 Framing Plan



INTERIOR PARTITION TYPE

SYMBOL

2018 Interior Energy Cons. (Code (Table N1102.1.2)
Doors & Windows:	U-0.32 MAX
Glazing SHGF:	0.40
Skylights:	U-0.55 MAX
Roof	
Attic Ceilings:	R-49 MIN
Vaults:	R-38 MIN
Vaults < 500sf:	R-30 MIN
Wood Frame Walls:	R-20 or R-13 + 5 MIN
Basement Walls:	R-13 or R-10 Continuous
Floor (over unconditioned):	R-19 MIN
Slab on Grade:	R-10 for 24" MIN
Ductwork:	R-8 MIN
Fuel Fired Furnace:	90% AFUE MIN
Electic Furnace:	No Minimum
Cooling System:	13 SEER MIN
3 : , : :	
Water Heater	
Gas Fired Storage:	0.67 EF MIN
Gas Fired Instant:	0.62 EF MIN
Electic Storage:	0.97 EF MIN
Electic Instant:	0.93 EF MIN
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An energy efficient certificate is required to be posted in or on the electrical panel before the final inspection. The certificate will be provided with all new residential permits. It is the permit holder/contractor's responsibility to ensure the certificate has accurate information and is posted before final inspection -- Owner/Contractor is responsibile for meeting the prescriptive requirments of IRC chapter 11 unless a HER Index Analysis for Performance Compliance based on the plans is submitted to the AHJ for

IRC 2018	
Ground Snow Load:	20PSF
Wind Speed:	115mph
Topography Effects:	No
Seismic Design Category:	Α
Damage From Weather:	Severe
Frost Line Depth:	36 inches
Termite:	Moderate to Heav
Winter Design Temperature:	6 F
Ice Barrier Underlayment:	Yes
Flood Hazard:	
Air Freezing Index:	927 or less
Mean Annual Temperature:	55.5 F

- 1. Whole House Mechanical Ventilation System is required for any dwelling with air infiltration at a rate of less than 5 air changes per hour (at ACH50 standard R303.4).

 2. Carbon monoxide detectors required (R315)
- 3. Steel columns shall be minimum schedule 40
- 4. Deck Ledger attachment to house shall be per Tables 507.9.1.3.
- 5. New provisions for attachment of rafters, trusses and roof beams. (R802.3 and
- 6. Programmable thermostat required
- 7. Air handlers shall be rated for Maximum 2%
- air leakage rate (N1103.2.2.1) 8. Building cavities used as return air plenums shall be sealed to prevent leakage across the
- thermal envelope. (N1103.2.3) 9. Certain hot water pipes shall be insulated
- 10. All exhaust fans shall terminate to the building exterior (M1507.2)
- 11. Makeup air system required for kitchen exhaust hoods that exceed 400 CFM M1503.4
- 12. Building cavities in a thermal envelope wall (including the wall between the house and garage) shall not be used as return air
- plenums (unless the required insulation and air barrier are maintained) (M1601.1.1,#7.5) 13. An air handling system shall not serve both the living space and the garage (M1601.6)
- 14. A concrete-Encased grounding electrode ('UFER' Ground) connection complies with the requirments of the 2018 IRC Section E3608.1.2 in providing a connection with no less than the required minimum of steel.
- 15. Compliance with the requirments and show connection as needed for roof beam, trus, rafter, and girder connections for uplift per IRC

16. Garage Door Rating: DASMA 115 MPH Rated



		Permit Set		
Original Issue Date:		10/11/2021		
REVISIONS				
Number	Description	Date		

Permit Set

PLAN DESCRIPTION: Woodcrest

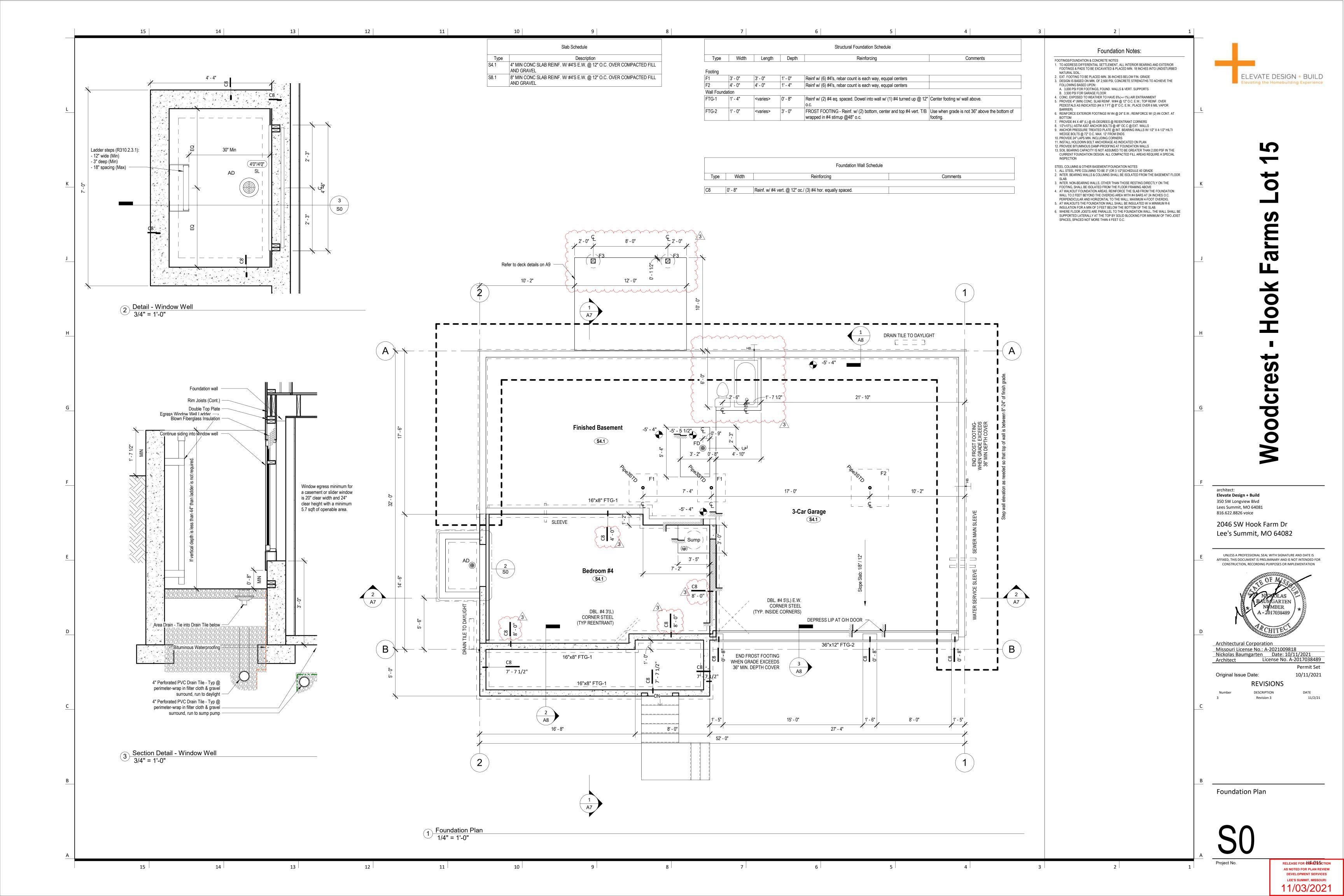
RELEASE FOR CONSTRUCTION AS NOTED FOR PLAN REVIEW DEVELOPMENT SERVICES

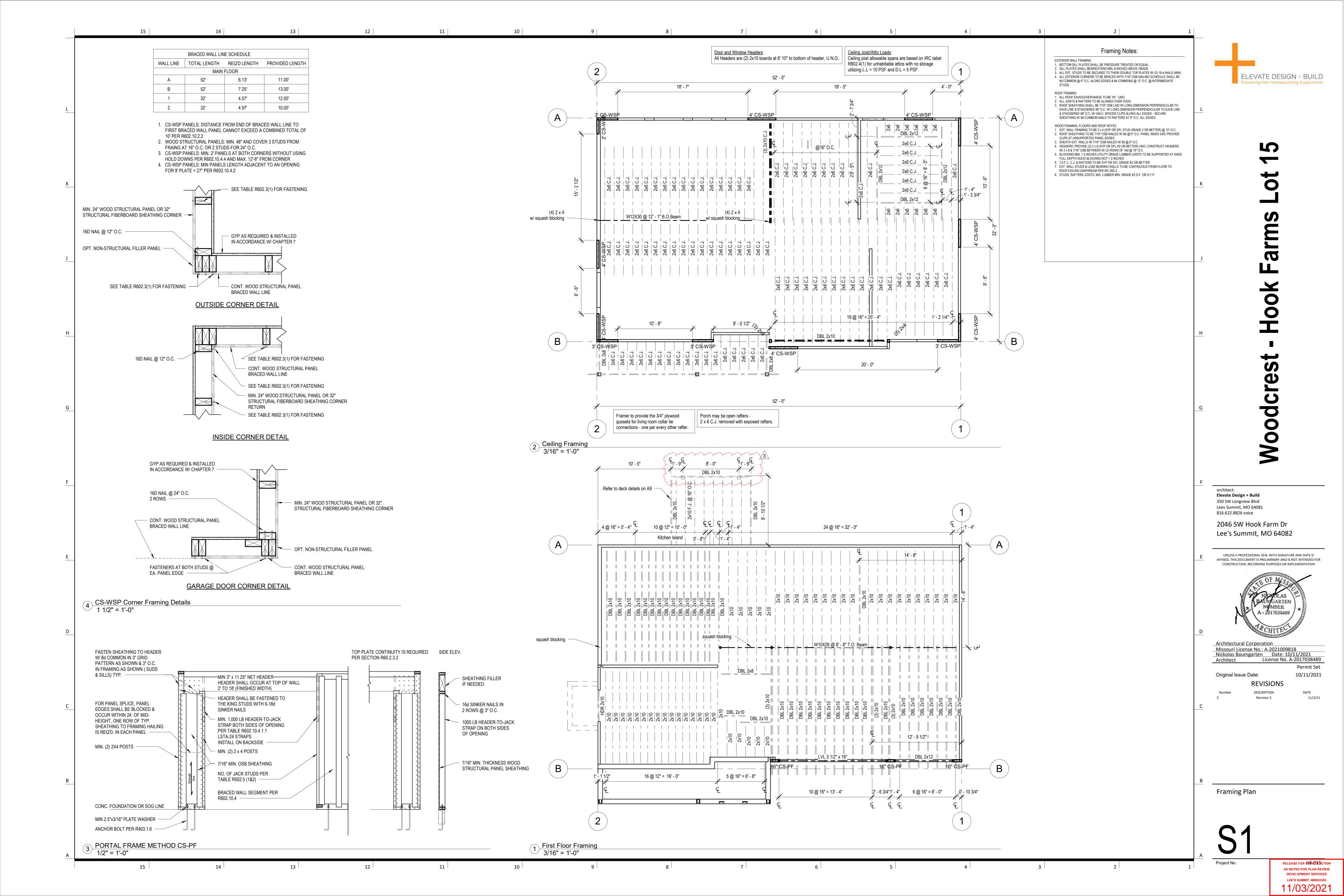
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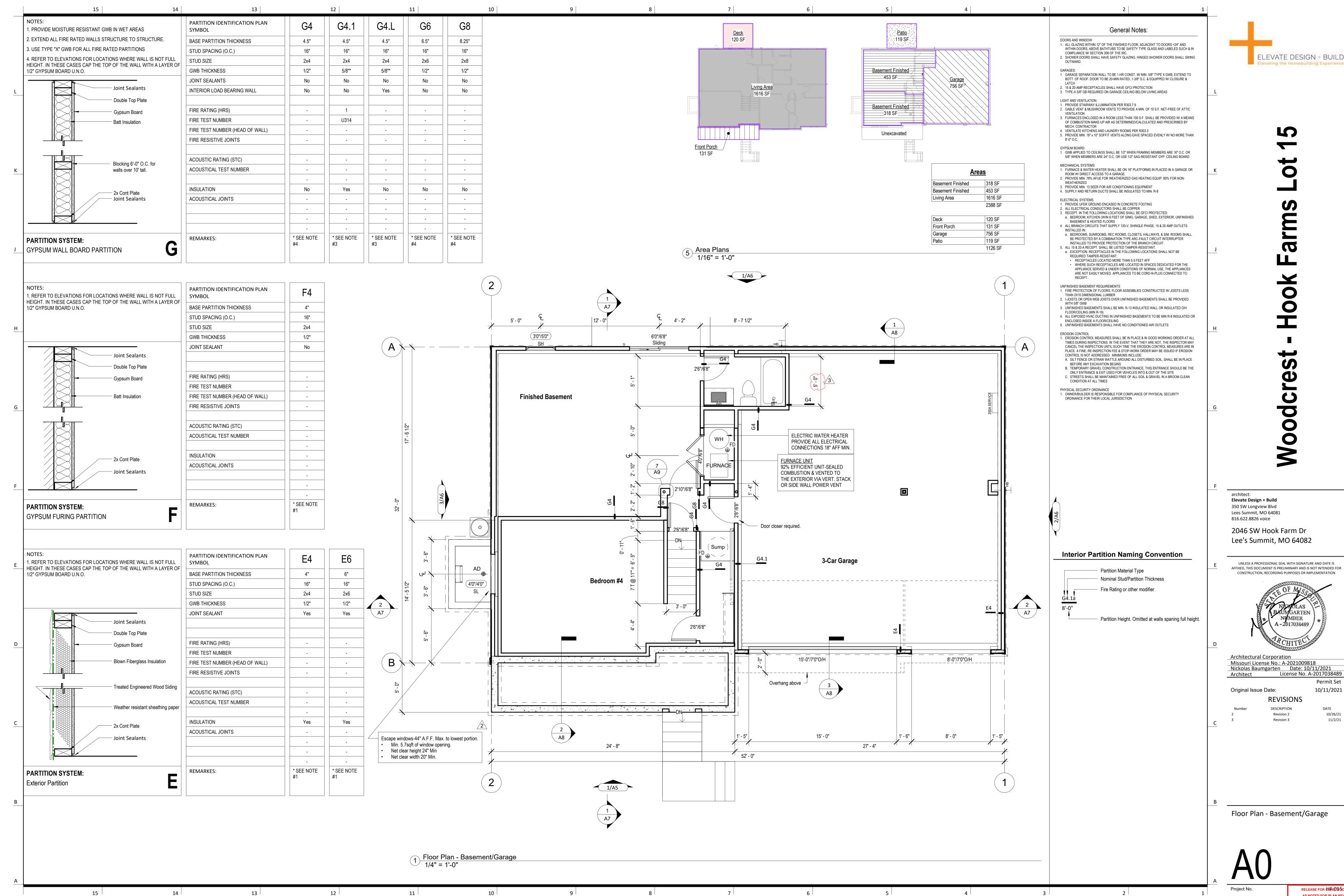
11/03/2021

WINDOW TYPE SYMBOL WALL SECTION BENCHMARK/SPOT ELEV. SYMBOL COLUMN LINE/GRID INDICATOR **DETAIL SECTION** _ _ELEVATION ____ FLOOR LEVEL SYMBOL 1t 1'-0"A.F.F. CEILING HEIGHT SYMBOL DETAIL REFERENCE EXTERIOR ELEVATION TAG

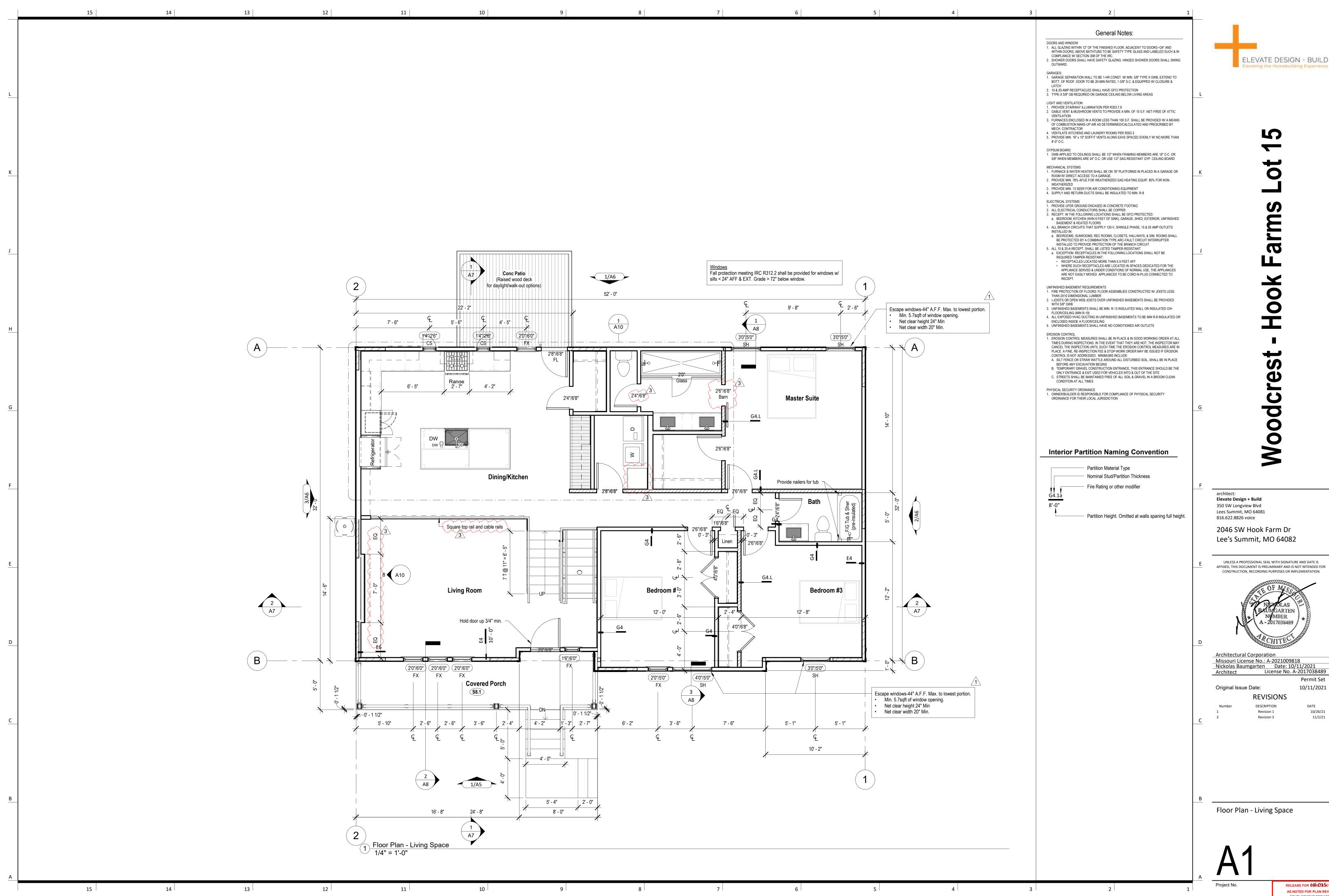
INTERIOR ELEVATION TAG







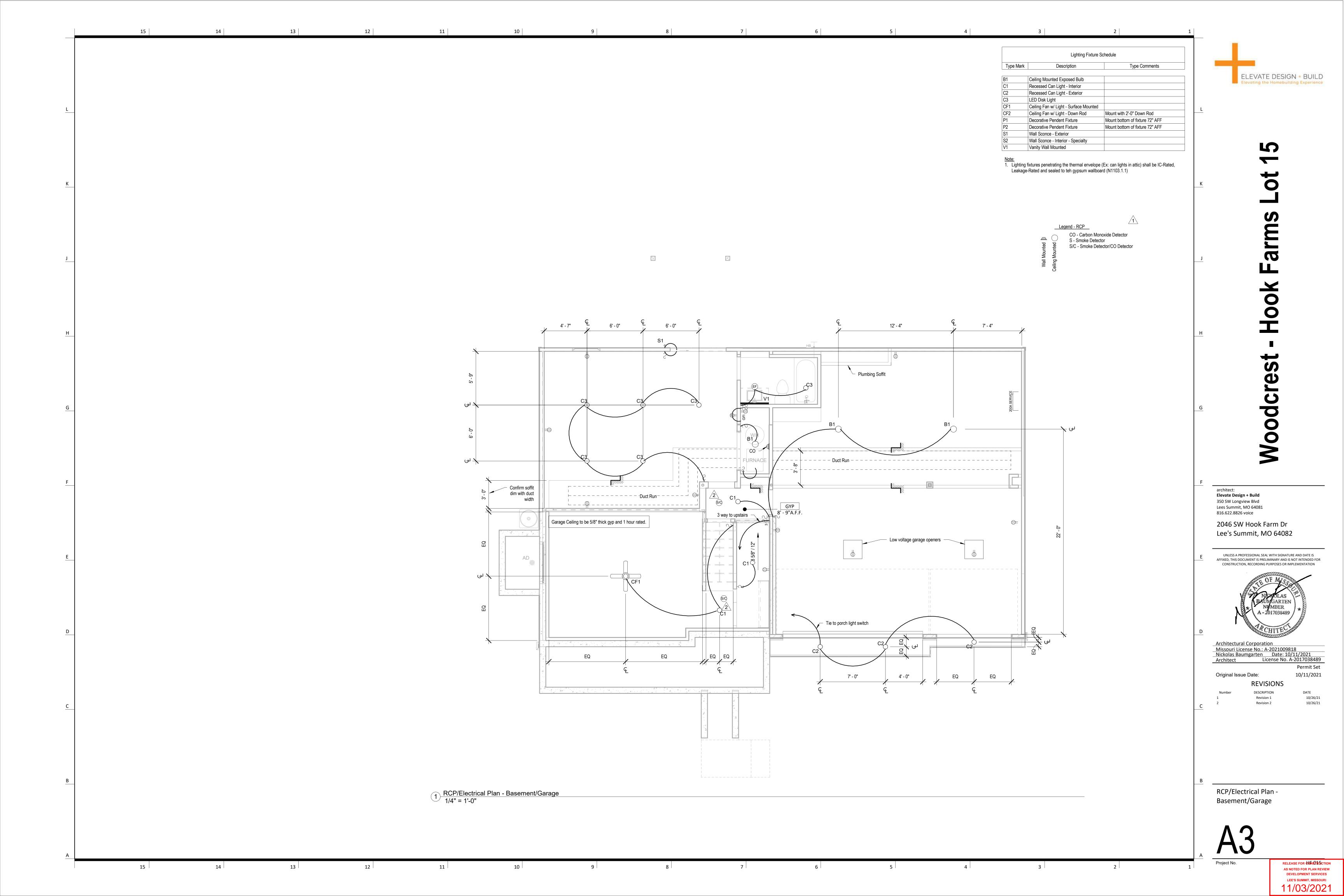
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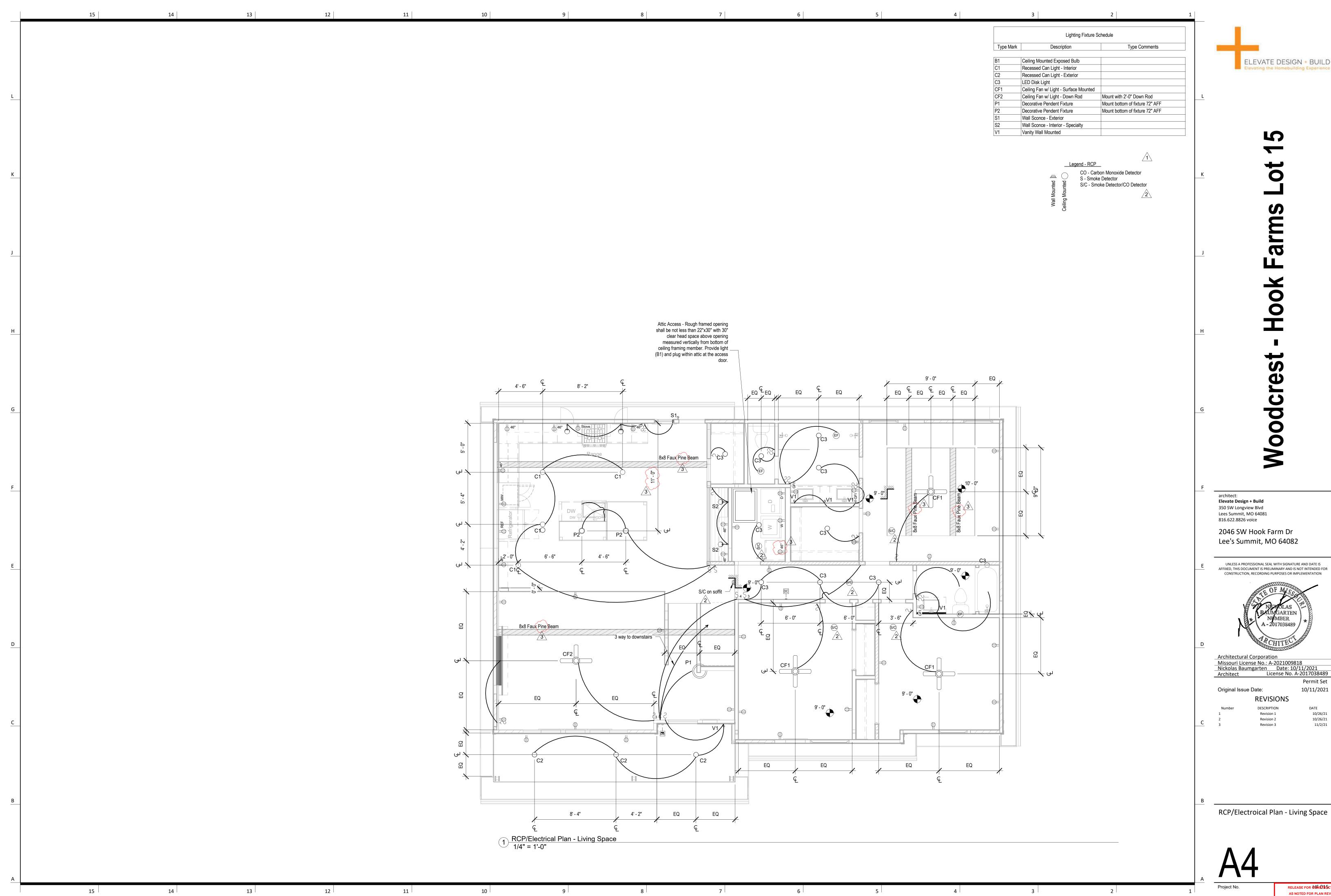


ELEVATE DESIGN * BUILD

Missouri License No.: A-2021009818
Nickolas Baumgarten Date: 10/11/2021
Architect License No. A-2017038489

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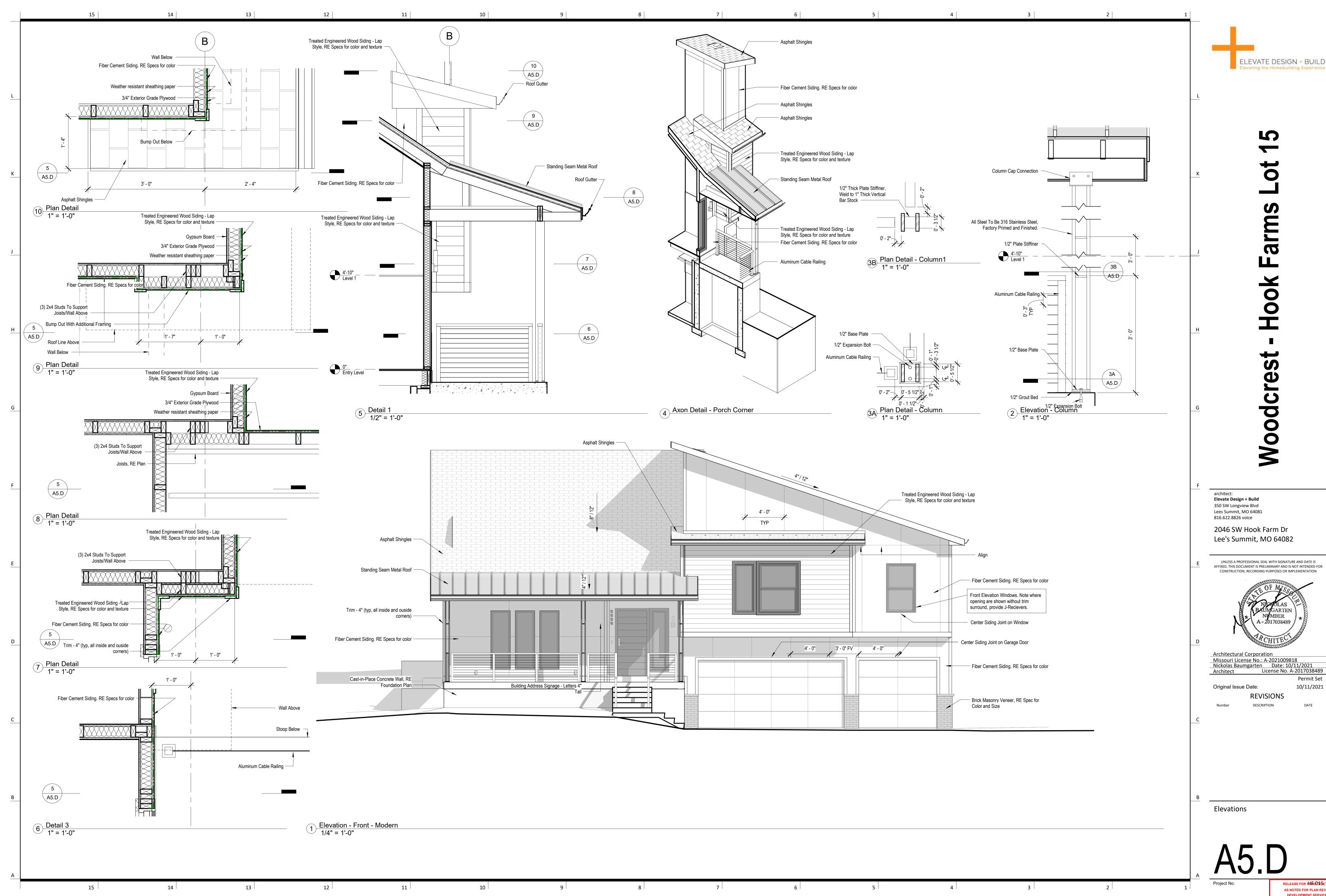


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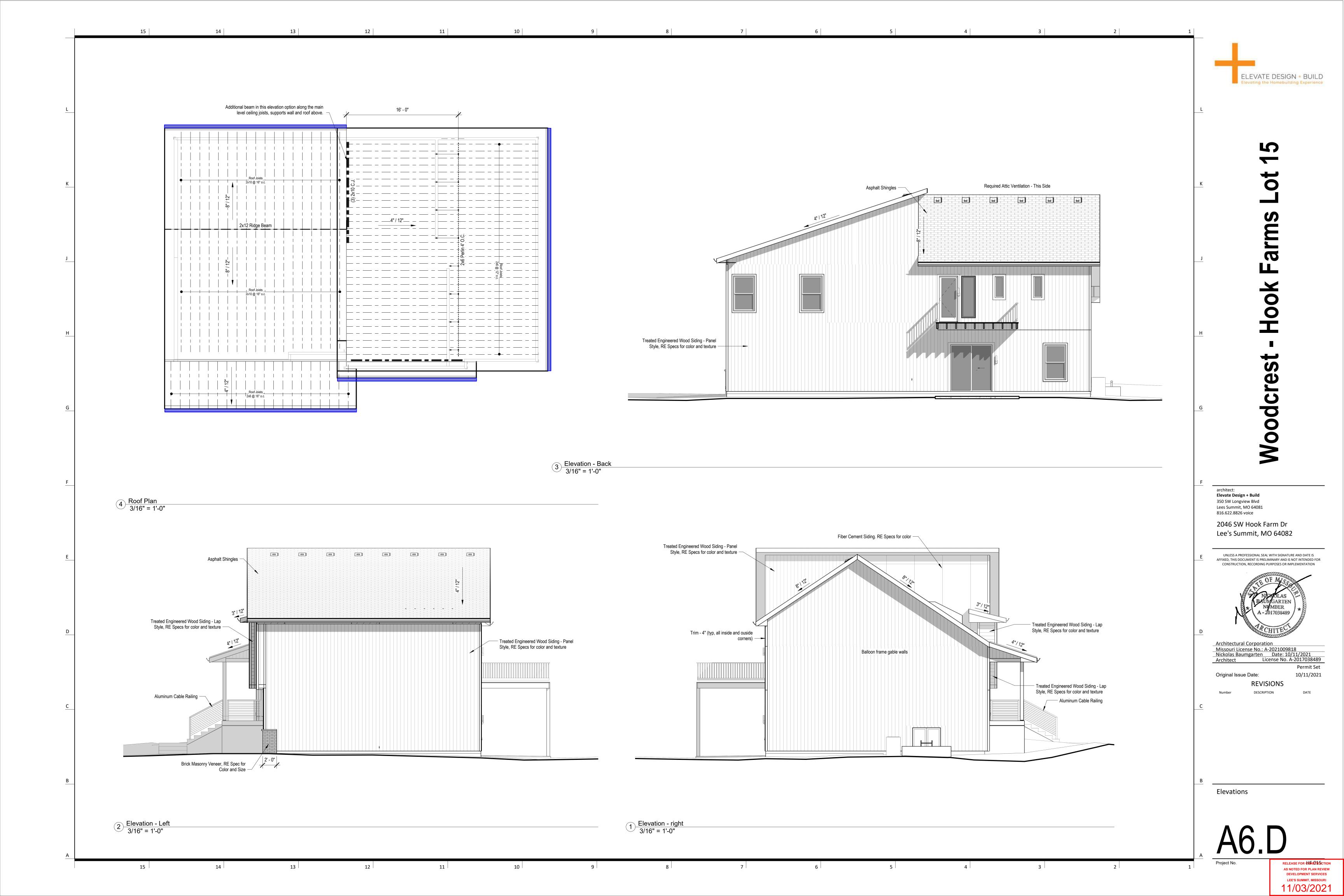
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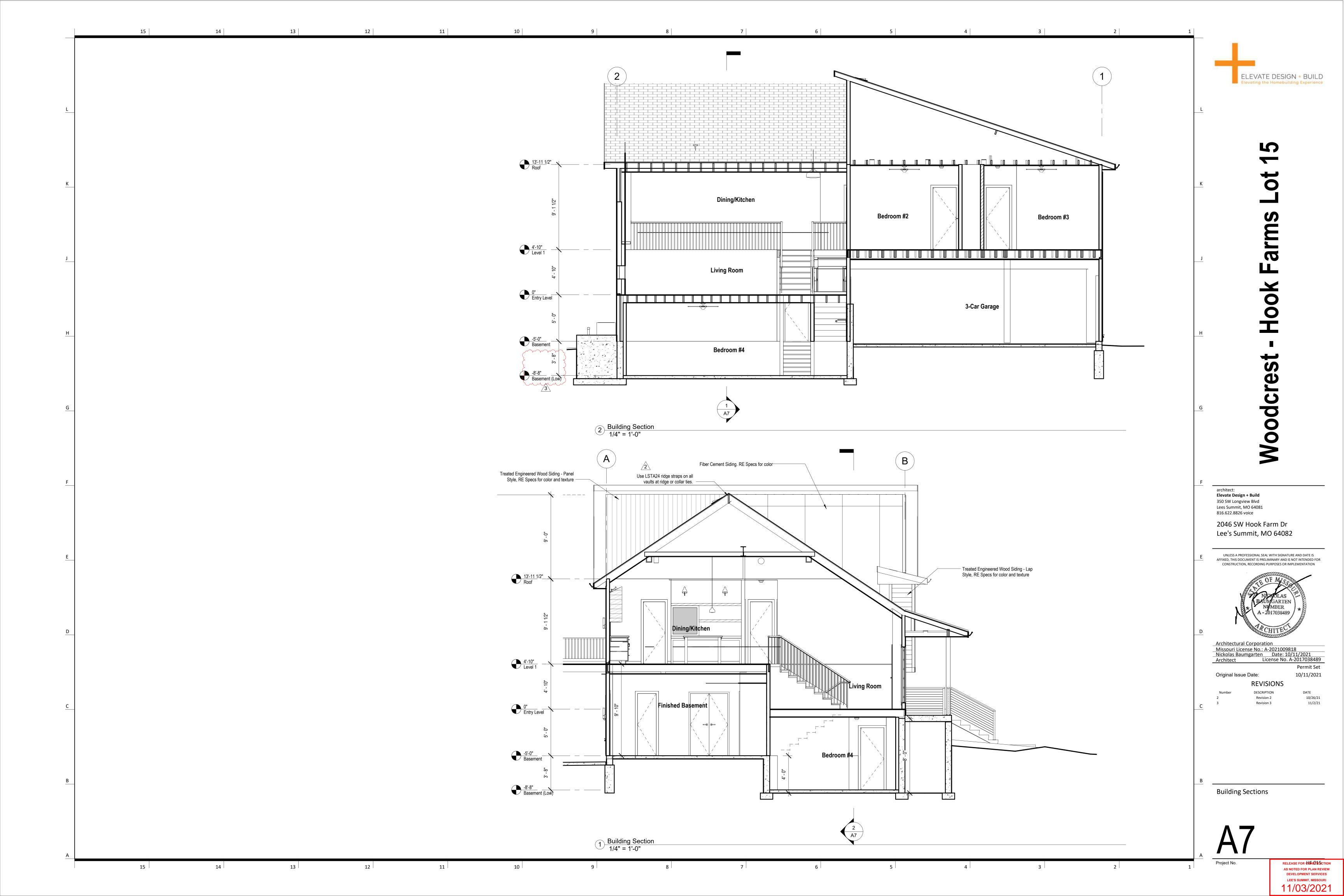


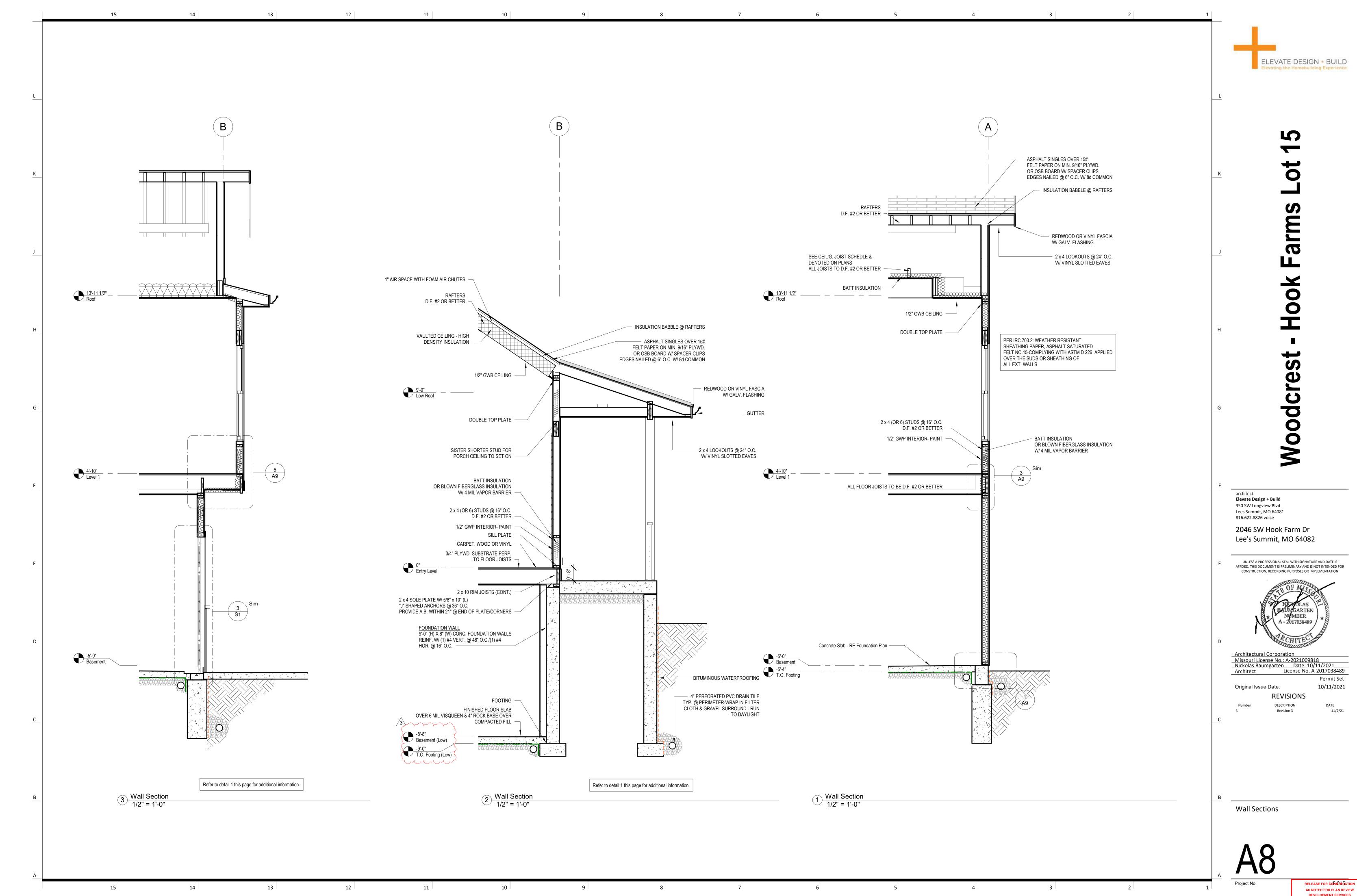
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Permit Set 10/11/2021

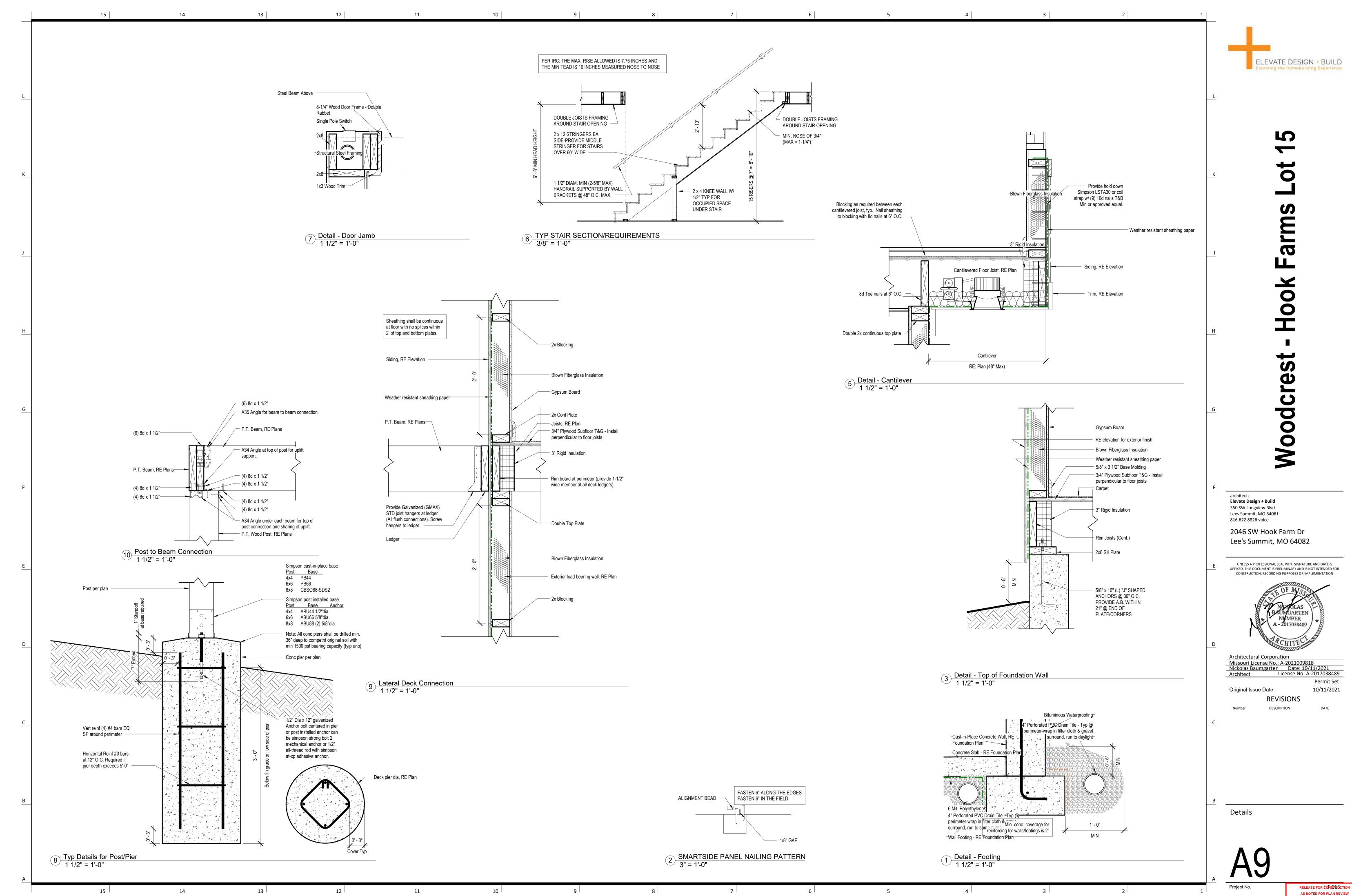
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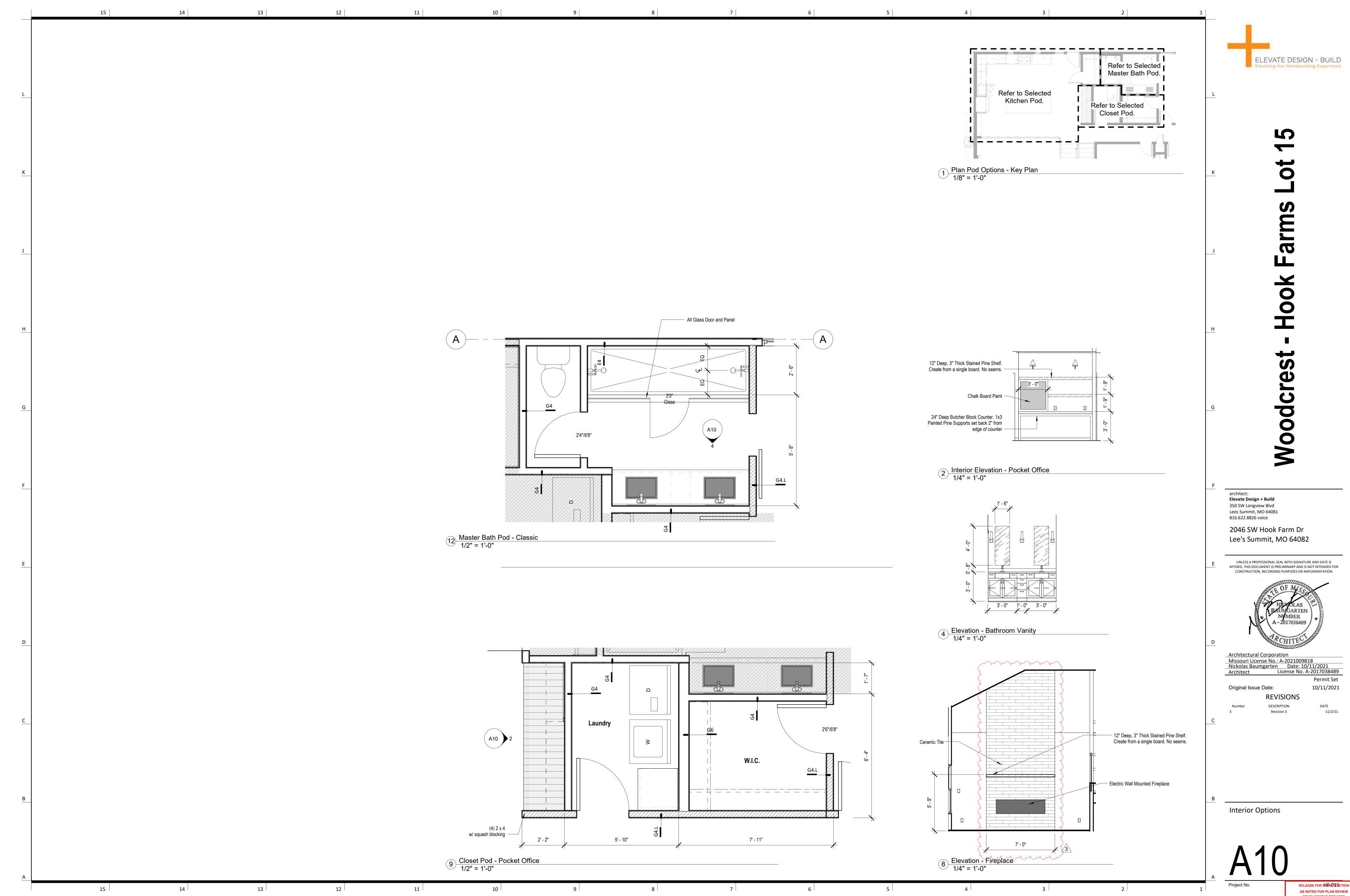




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