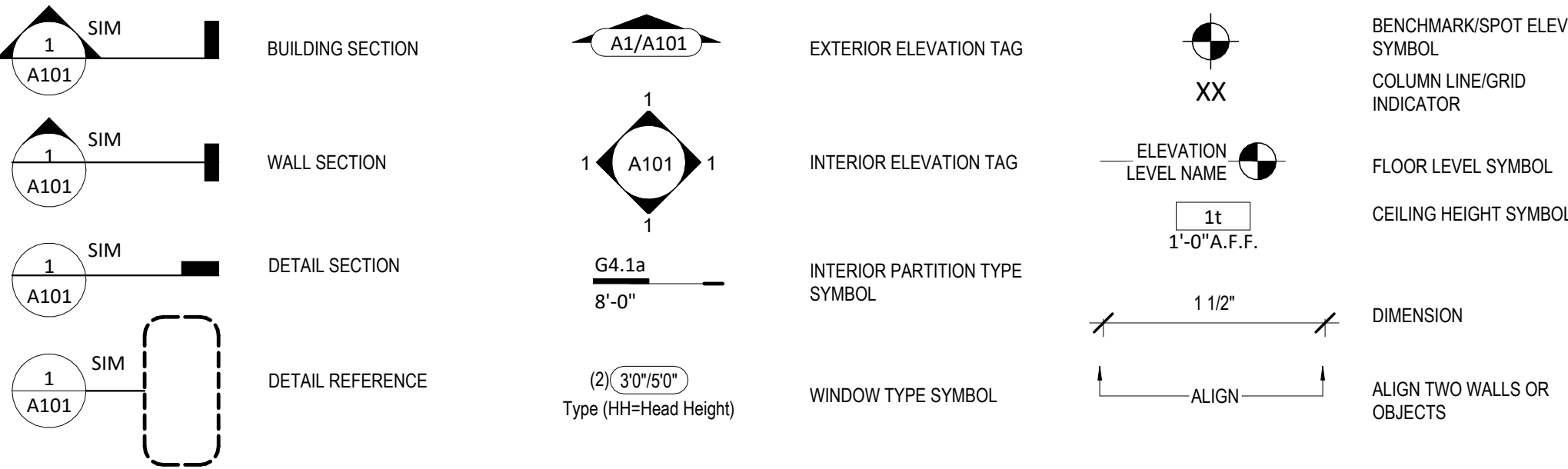


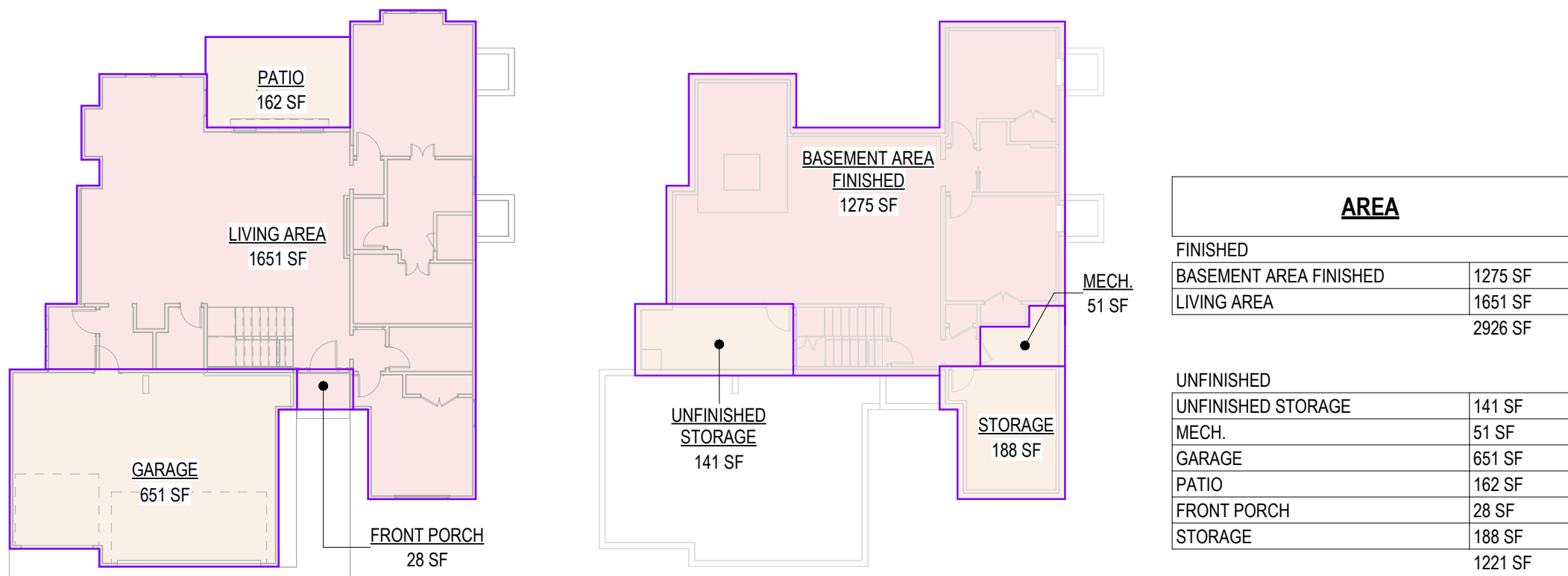
# WOODLAND MASTER PLAN

ADDRESS : 2218 SW Heartland Court, Lee's Summit, MO.  
LOT : Lot 205 The Retreat at Hook Farms



RELEASE FOR CONSTRUCTION  
AS NOTED ON PLANS REVIEW  
DEVELOPMENT SERVICES  
LEE'S SUMMIT, MISSOURI  
11/24/2025 9:42:07

Change/Revision Log:  
2025/11/21:  
1. Added pier location and details required for the 6x6 post supporting covered patio.



5 Main Level Area Plan  
1/16" = 1'-0"

4 Basement Area Plan  
1/16" = 1'-0"

Sheet List	
Sheet No	Sheet Name
00	Cover
A201	Elevation options
A301	Full Basement side Elevation options
A401	Foundation Plan
A501	Basemenet Floor Plan
A601	Floor Plan -Main Level
A701	Floor Plan - Roof Plan
A901	Details
A902	Details
A903	Details
E101	RCP/Electrical Plan
M101	HVAC Plans
P101	Plumbing Plans

## General Information

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
Electric Furnace:	No Minimum
Cooling System:	13 SEER MIN
Water Heater	
Gas Fired Storage:	0.67 EF MIN
Gas Fired Instant:	0.62 EF MIN
Electric Storage:	0.97 EF MIN
Electric Instant:	0.93 EF MIN

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 responsible for meeting the prescriptive requirements of IRC chapter 11 unless a HER Index Analysis for Performance Compliance based on the plans is submitted to the AHJ for approval.

- IRC 2018  
Ground Snow Load: 20PSF  
Wind Speed: 115mph  
Topography Effects: No  
Seismic Design Category: A  
Damage From Weather: Severe  
Frost Line Depth: 36 inches  
Termite: Moderate to Heavy  
Winter Design Temperature: 6 F  
Ice Barrier Underlayment: Yes  
Flood Hazard:  
2.1. THESE DRAWINGS HAVE BEEN PREPARED WITH RESPECT TO COMPLIANCE OF THE 2018 IRC AND NEC 2017 ANY REFERENCES FOUND NOT BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL  
3. Steel columns shall be minimum schedule 40 (R607.2)  
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 R802.11)  
6. Programmable thermostat required (N1103.1.1)  
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 (N1103.4)  
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 requirements 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 requirements and show connection as needed for roof beam, trus, rafter, and girder connections for uplift per IRC 802.11  
16. Garage Door Rating: DASMA 115 MPH Rating

2018 IRC BUILDING CODE COMPLIANCE  
THESE DRAWINGS HAVE BEEN PREPARED WITH RESPECT TO COMPLIANCE OF THE 2018 IRC AND NEC 2017 ANY REFERENCES FOUND NOT BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL



WOODLAND MASTER PLAN  
ADDRESS : 2218 SW Heartland Court, Lee's Summit, MO.  
LOT : Lot 205 The Retreat at Hook Farms



NOVEMBER 19, 2025

Original Issue Date:		24/03/27
REVISIONS		
Number	Description	Date

PLAN DESCRIPTION: Cover

00

Project No.





UNLESS A PROFESSIONAL SEAL WITH SIGNATURE AND DATE IS  
AFFIXED, THIS DOCUMENT IS PRELIMINARY AND IS NOT INTENDED  
CONSTRUCTION, RECORDING PURPOSES OR IMPLEMENTATION

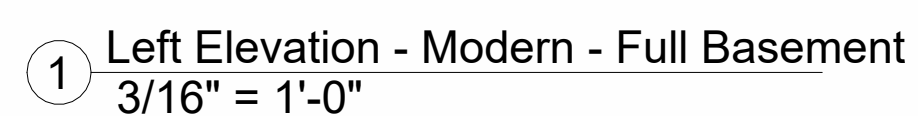
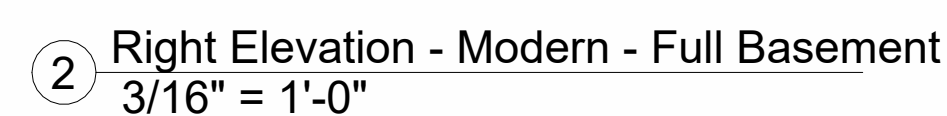
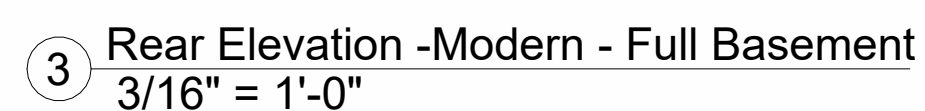


PROJECT  
ADDRESS : 2218 SW Heartland  
Court, Lee's Summit, MO.  
LOT : Lot 205 The Retreat  
at Hook Farms

DATE ISSUED \_\_\_\_\_

## A201.2





UNLESS A PROFESSIONAL SEAL WITH SIGNATURE AND DATE IS  
AFFIXED, THIS DOCUMENT IS PRELIMINARY AND IS NOT INTENDED  
CONSTRUCTION, RECORDING PURPOSES OR IMPLEMENTATION



PROJECT	
ADDRESS	: 2218 SW Heartland Court, Lee's Summit, MO.
LOT	: Lot 205 The Retreat at Hook Farms
DRAWING TITLE	
	Side Elevations - Modern - Full Basement
DATE ISSUED	

## A301.2







## REVISIONS

PROJECT  
ADDRESS : 2218 SW Heartland  
Court, Lee's Summit, MO.  
LOT : Lot 205 The Retreat  
at Hook Farms

DATE ISSUED	NORTH
-------------	-------

NORTH

## A501.1

Lee's Summit/Hook Farms/HF 205 Woodland/01-Working  
**RELEASE FOR CONSTRUCTION**  
**AS NOTED ON PLANS REVIEW**  
**DEVELOPMENT SERVICES**  
**LEE'S SUMMIT, MISSOURI**  
**11/24/2025 9:42:07**

PHYSICAL SECURITY ORDINANCE  
1. OWNER/BUILDER IS RESPONSIBLE FOR COMPLIANCE OF PHYSICAL SECURITY  
ORDINANCE FOR THEIR LOCAL JURISDICTION

1 Basement Floor Plan Full Basement  
1/4" = 1'-0"





A circular professional seal for Aaron A. Brown, a Registered Architect in the State of Missouri. The seal features the text "STATE OF MISSOURI" at the top, "AARON A. BROWN" in the center, "NUMBER 147215" below the name, and "REGISTERED ARCHITECT" at the bottom. A stylized outline of the state of Missouri is positioned behind the central text. The seal is stamped in black ink on a white background.

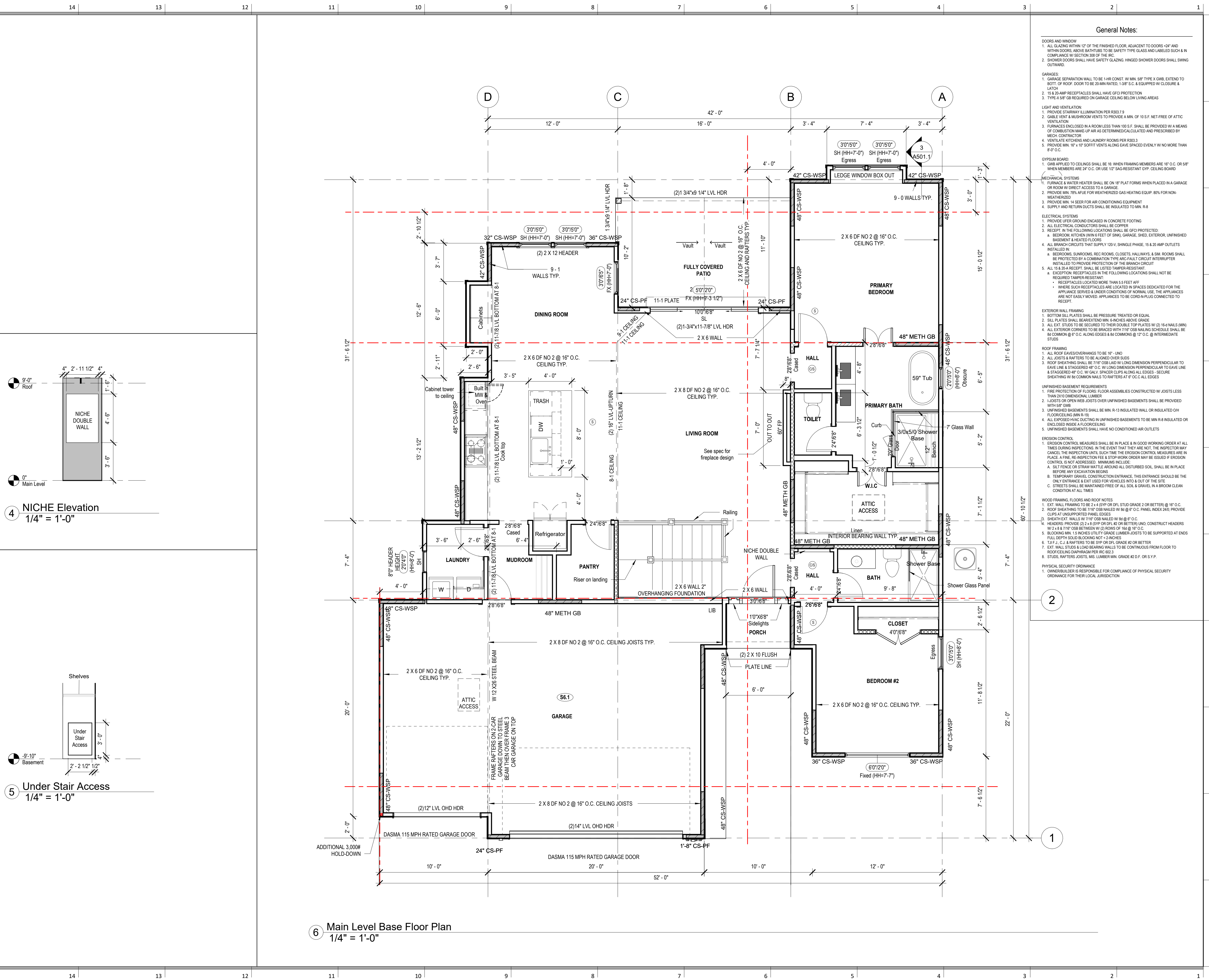
## REVISIONS

PROJECT  
ADDRESS : 2218 SW Heartland  
Court, Lee's Summit, MO.  
LOT : Lot 205 The Retreat  
at Hook Farms  
DRAWING TITLE  
Floor Plan -Main Level



# A601.1

RELEASE FOR CONSTRUCTION  
AS NOTED ON PLANS REVIEW  
DEVELOPMENT SERVICES  
LEE'S SUMMIT, MISSOURI  
11/24/2025 9:42:07



UNLESS A PROFESSIONAL SEAL WITH SIGNATURE AND DATE IS  
AFFIXED, THIS DOCUMENT IS PRELIMINARY AND IS NOT INTENDED  
FOR CONSTRUCTION, RECORDING PURPOSES OR IMPLEMENTATION



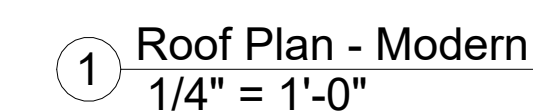
PROJECT  
ADDRESS : 2218 SW Heartland  
Court, Lee's Summit, MO.  
LOT : Lot 205 The Retreat  
at Hook Farms

DATE ISSUED	NORTH
-------------	-------

DRAWING NUMBER

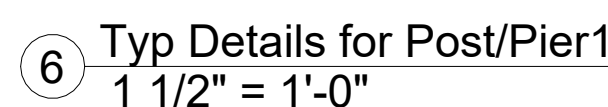
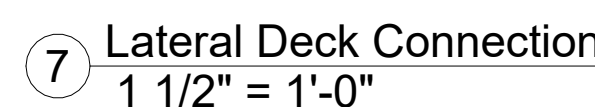
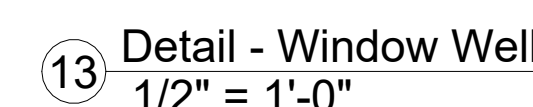
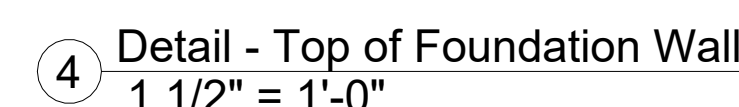
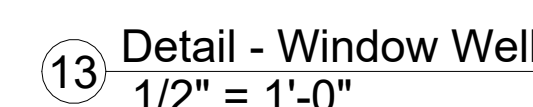
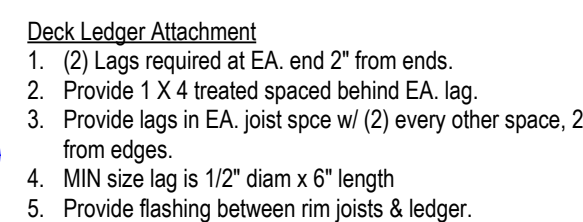
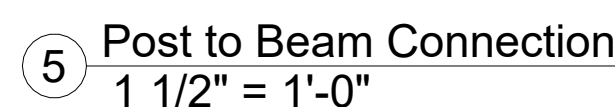
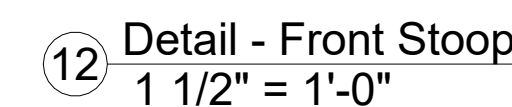
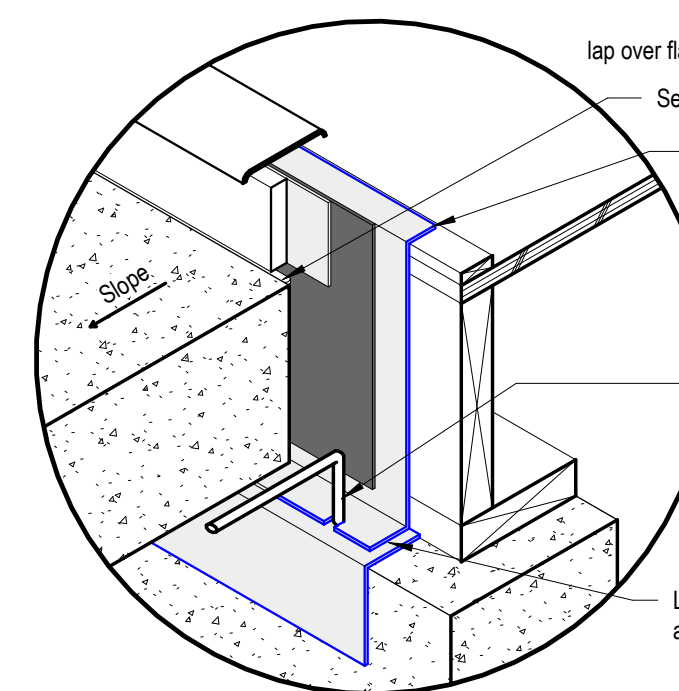
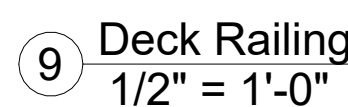
## A701.2

Lee's Summit/Jock Farms/JF 205 Woodland/01-Working  
**RELEASE FOR CONSTRUCTION**  
**AS NOTED ON PLANS REVIEW**  
**DEVELOPMENT SERVICES**  
**LEE'S SUMMIT, MISSOURI**  
**11/24/2025 9:42:07**





11 Rafter Furr Down Requirments  
1" = 1'-0"



UNLESS A PROFESSIONAL SEAL WITH SIGNATURE AND DATE IS  
AFFIXED, THIS DOCUMENT IS PRELIMINARY AND IS NOT INTENDED  
CONSTRUCTION, RECORDING PURPOSES OR IMPLEMENTATION

PROJECT

DRAWING

## Details

DATE ISS

NORTH



DRAWING NUMBER

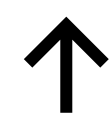
## A901



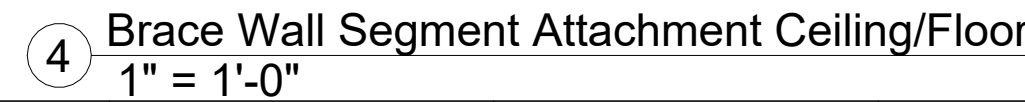
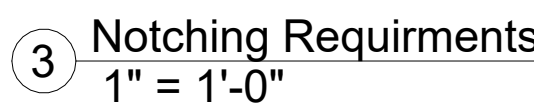
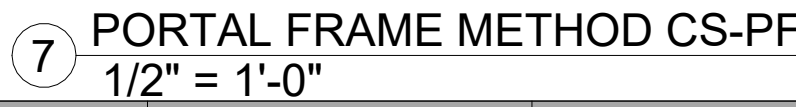
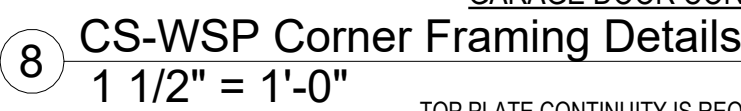
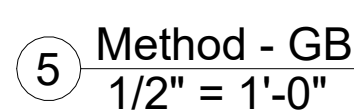
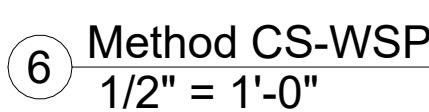
PROJECT

## Details

NORTH



# A902











UNLESS A PROFESSIONAL SEAL WITH SIGNATURE AND DATE IS  
AFFIXED, THIS DOCUMENT IS PRELIMINARY AND IS NOT INTENDED  
FOR CONSTRUCTION, RECORDING PURPOSES OR IMPLEMENTATION



## REVISIONS

PROJECT  
ADDRESS : 2218 SW Heartland  
Court, Lee's Summit, MO.  
LOT : Lot 205 The Retreat  
at Hook Farms

RCP/Electrical Plan

DATE ISSUED

NORTH



# E101

**RELEASE FOR CONSTRUCTION**  
**AS NOTED ON PLANS REVIEW**  
**DEVELOPMENT SERVICES**  
**LEE'S SUMMIT, MISSOURI**  
**11/24/2025 9:42:08**

Lighting Fixture Schedule		
Type Mark	Description	Type Comments
B1	Ceiling Mounted Exposed Bulb	
C1	Recessed Can Light - Interior	
C2	Recessed Can Light - Exterior	
C3	LED Disk Light	
CF	Ceiling Fan	
CF1	Ceiling Fan w/ Light - Surface Mounted	
P2	Decorative Pendant Fixture	Mount bottom of fixture 84" AFF
S2	Vanity Wall Mounted	
V2	Vanity Wall Mounted	Mount bottom of fixture 84" AFF

