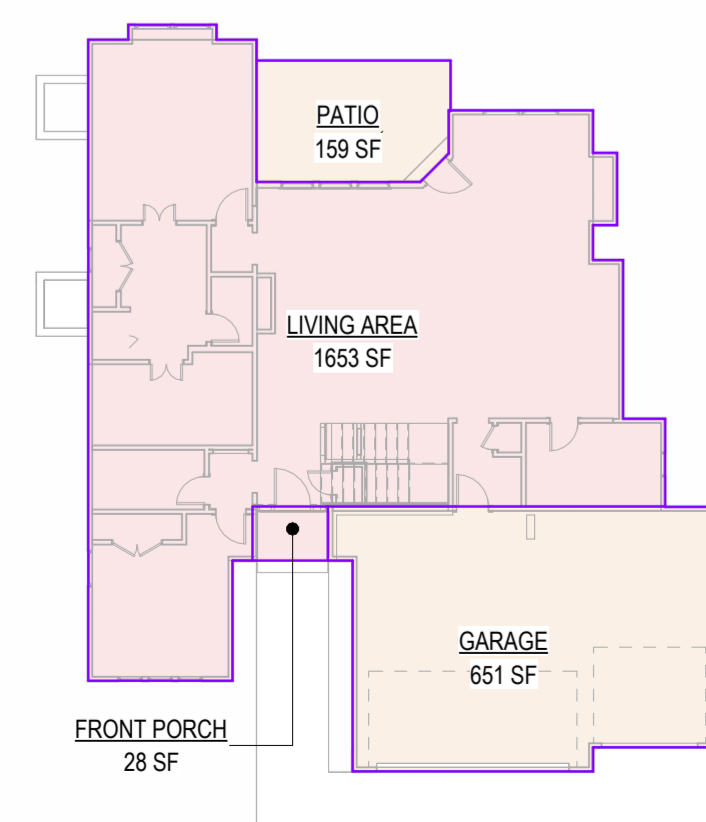


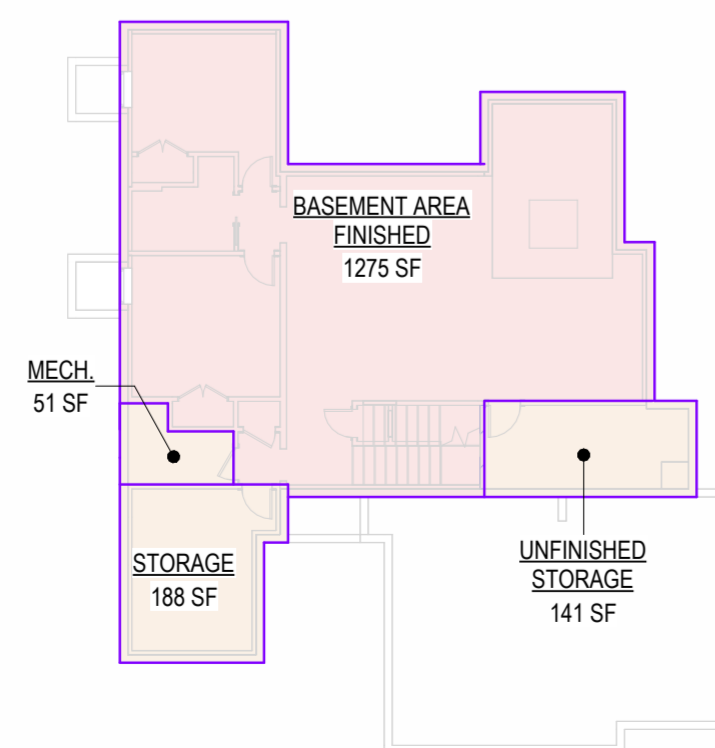
ADDRESS : 2213 SW Heartland Court, Lees Summit, MO
LOT : HF 215



3 Front View

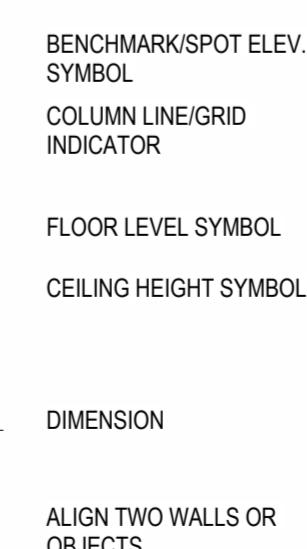
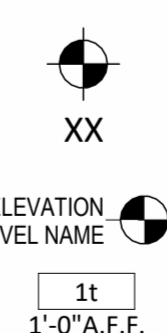
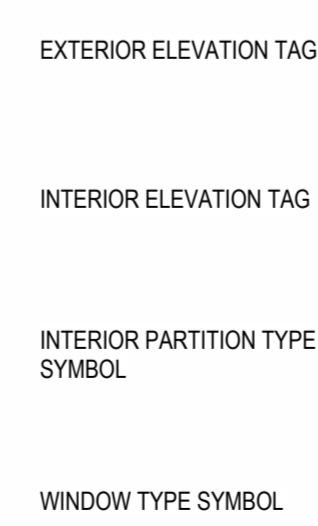
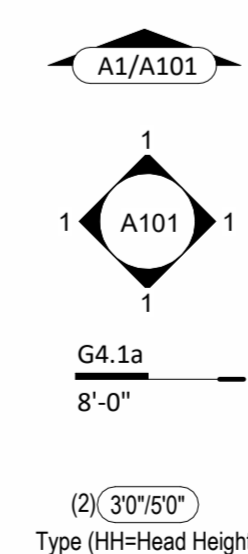
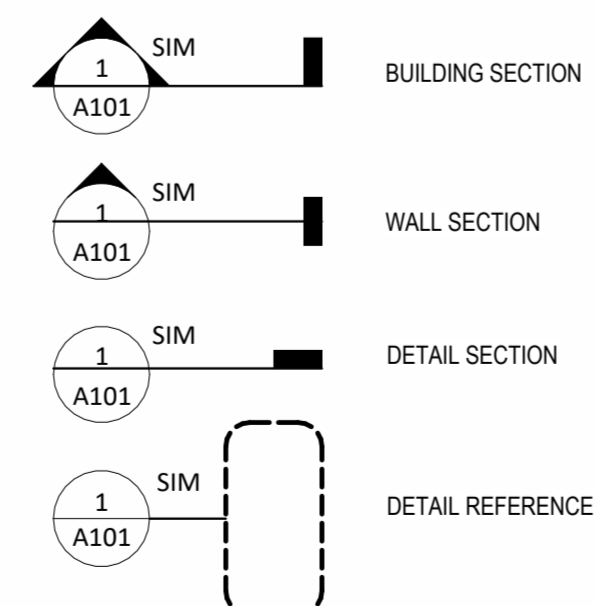


5 Main Level Area Plan
1/16" = 1'-0"



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

<u>AREA</u>	
FINISHED	
BASEMENT AREA FINISHED	1275 SF
LIVING AREA	1653 SF
	2929 SF
UNFINISHED	
UNFINISHED STORAGE	141 SF
MECH.	51 SF
GARAGE	651 SF
PATIO	159 SF
FRONT PORCH	28 SF
STORAGE	188 SF
	1218 SF



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-6 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: Moderate
Live Load Depth: 36 inches
Termite: Moderate to Heavy
Winter Design Temperature: 6 F
Ice Barrier Underlayment: Yes
Flood Hazard: No
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 CORRECTLY IDENTIFIED TO THESE CODES SHALL BE BROUGHT TO THE ATTENTION OF SSIONAL THE DESIGN PROFESSIONAL
1. All electrical equipment required (R315)
2. Steel columns shall be minimum schedule 40 (R507.2)
3. Deck ledger attachment to house shall be per Tables 507.9.1.3.
4. New provisions for attachment of rafters, trusses and roof beams. (R802.3 and R802.11)
5. Programmable thermostat required (N111.1)
6. Air handlers shall be rated for Maximum 2% air leakage rate (N1103.2.2.1)
7. Building cavities used as return air plenums shall be sealed to prevent leakage across the thermal envelope. (N1103.2)
8. Certain hot water pipes shall be insulated (N1103.4)
9. All exhaust fans shall terminate to the building exterior (M1507.2)
10. Make-up 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 is maintained) (N1103.2)
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 250.11.4 (7.5) N3608.12 in providing a connection with not less than the required minimum of steel.
15. Compliance with the requirements and show connection as needed for roof beam, truss, rafter, and girdler connections for uplift per IRC 802.11
16. Garage Door Driver: DASMA 115 MPH rated

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
CORRECTLY IDENTIFIED TO THESE CODES SHALL
BE BROUGHT TO THE ATTENTION OF SSIONAL
THE DESIGN PROFESSIONAL

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
11/12/2025 3:44:45



WOODLAND MASTER PLAN
ADDRESS : 2213 SW Heartland Court, Lees Summit, MO
LOT : HF 215



OCTOBER 28, 2025

Original Issue Date: 24/03/27

REVISIONS

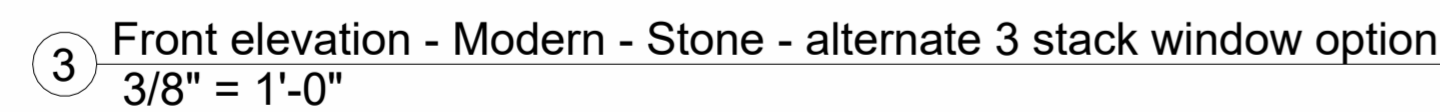
Number	Description	Date
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Number	Description	Date
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PLAN DESCRIPTION: Cover

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Project No.



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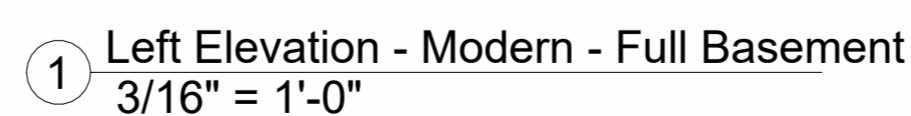
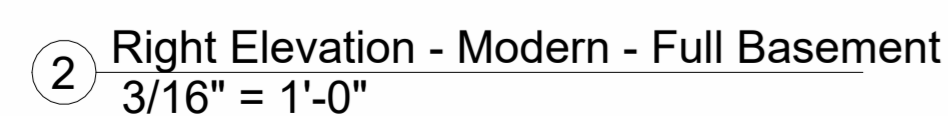
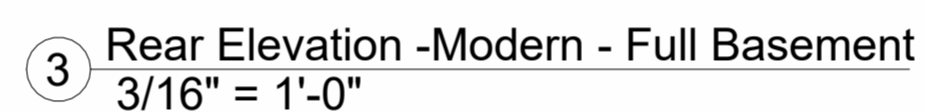
PROJECT
ADDRESS : 2213 SW Heartland
Court, Lees Summit, MO
LOT : HF 215

DRAWING TITLE
Main Elevations options - Modern

DATE ISSUED

DRAWING NUMBER

A201.2



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PROJECT
ADDRESS : 2213 SW Heartland
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LOT : HF 215

DRAWING TITLE
Side Elevations - Modern - Full
Basement

DATE ISSUED

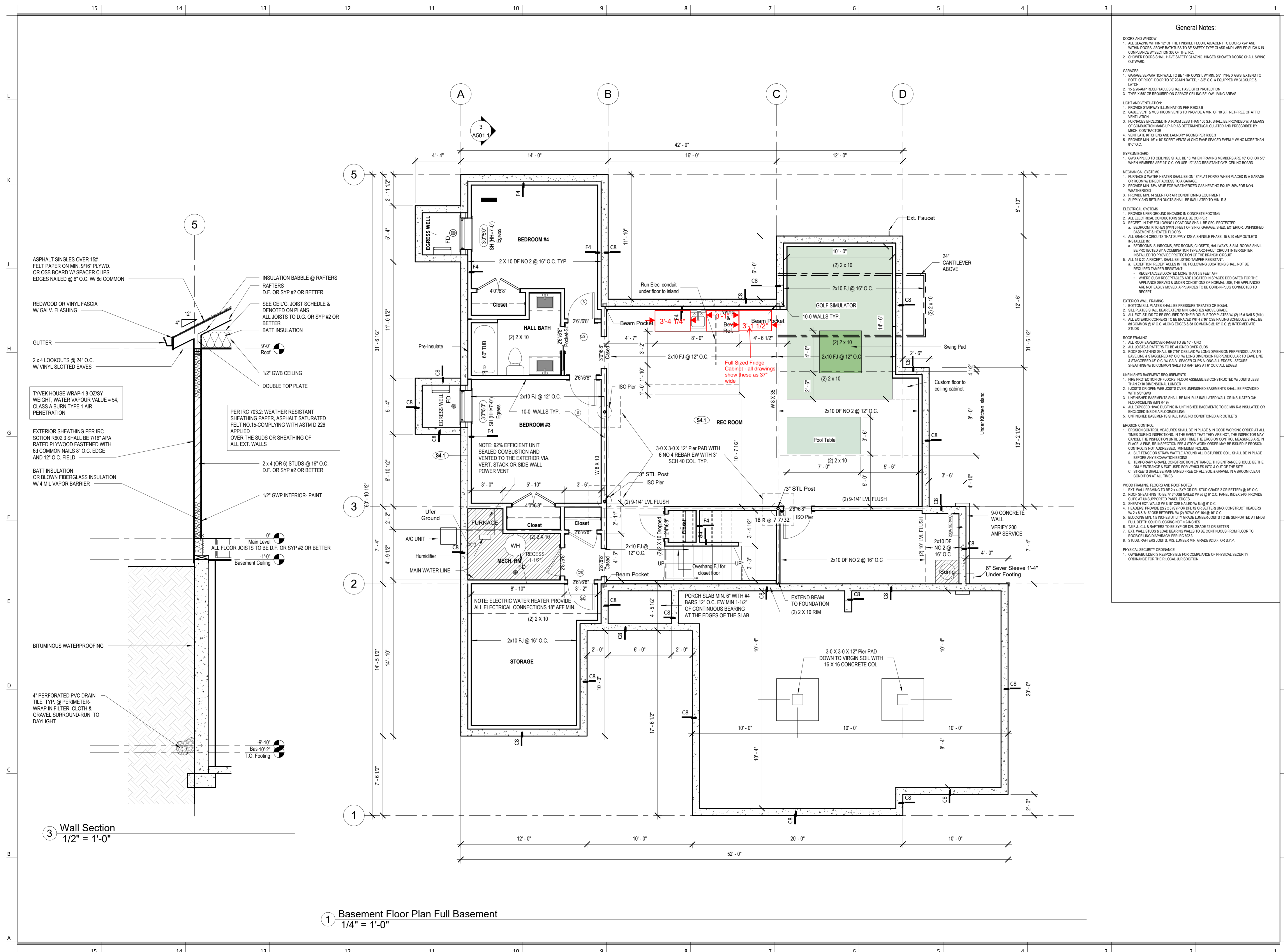
A301.2

REVISIONS

PROJECT	
ADDRESS : 2213 SW Heartland Court, Lees Summit, MO	
LOT : HF 215	
DRAWING TITLE	
Basemenet Floor Plan - Full Basement	

NORTH
↑

A501.1



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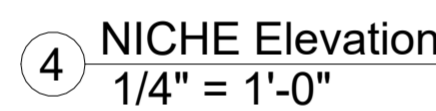
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Floor Plan -Main Leve

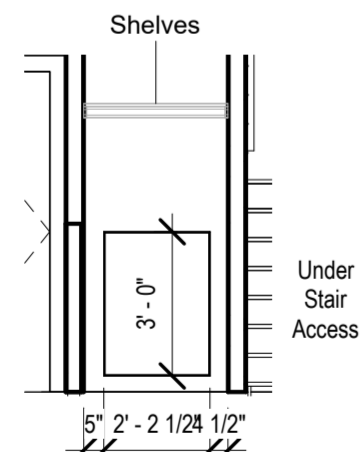
NORTH



A601.1



4 NICHE Elevation
1/4" = 1'-0"



5 Under Stair Access
1/4" = 1'-0"

6 Main Level Base Floor Plan
1/4" = 1'-0"

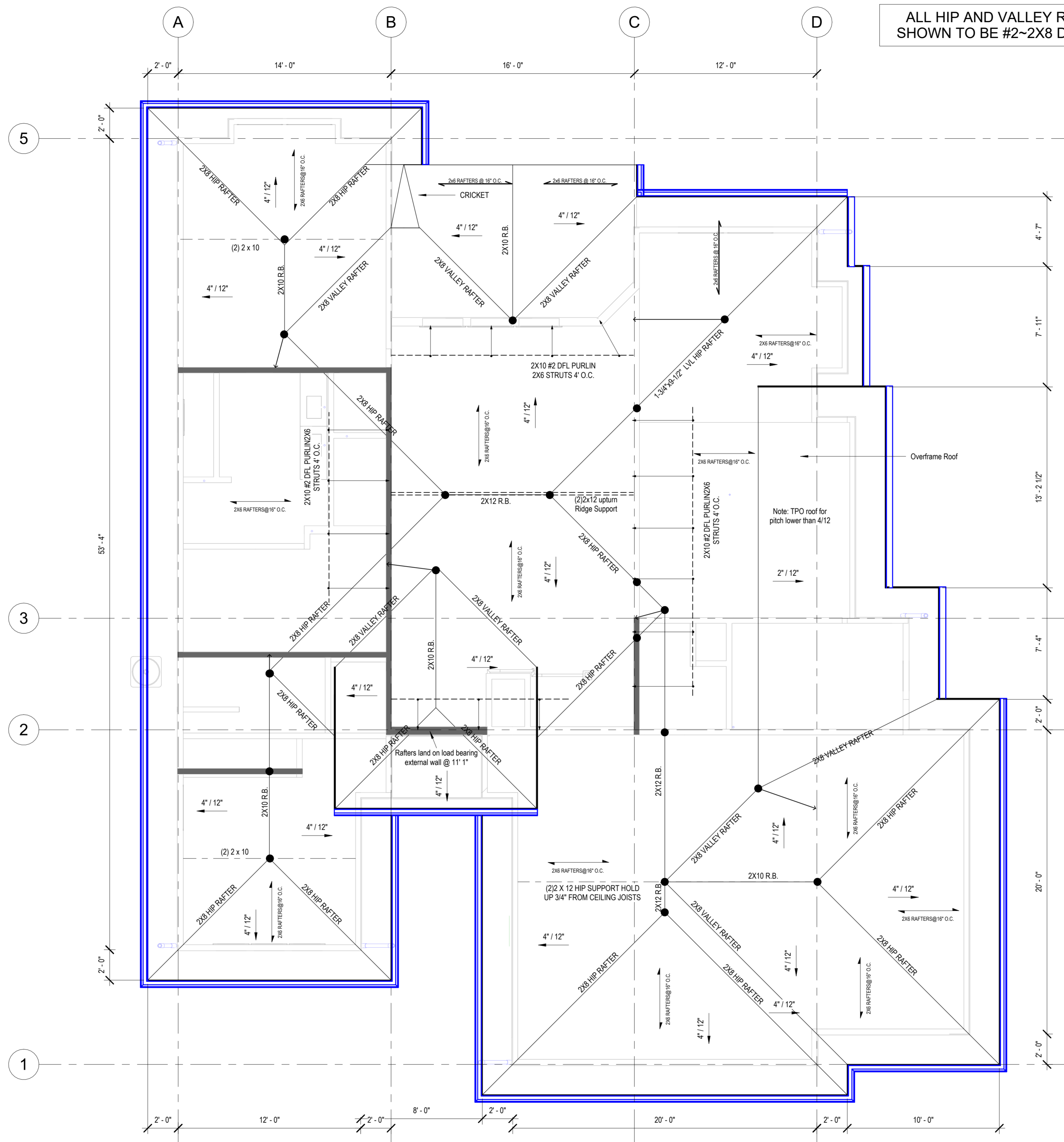
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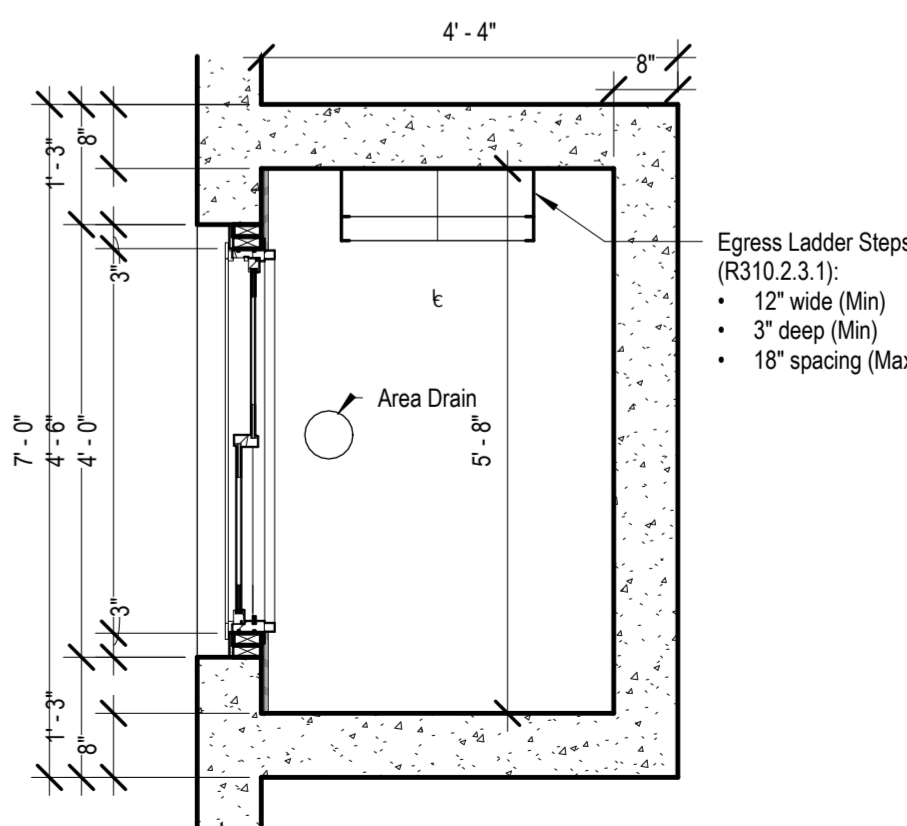
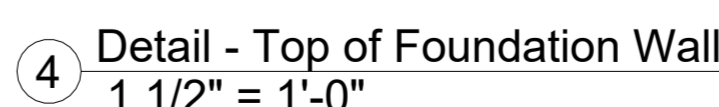
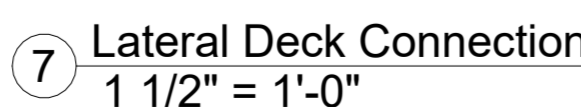
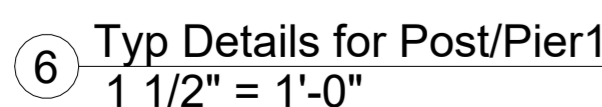
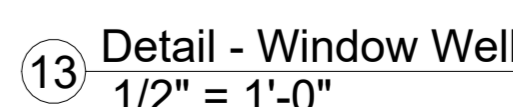
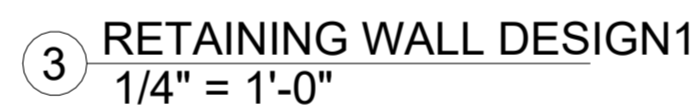
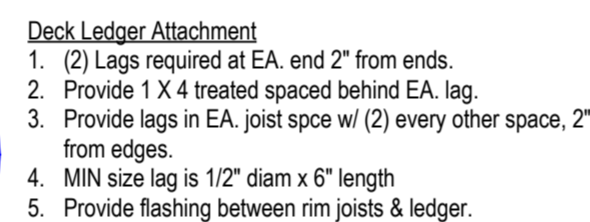
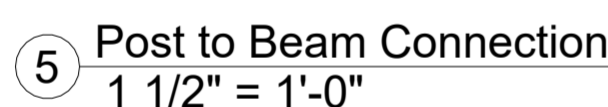
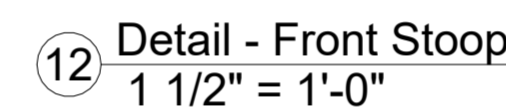
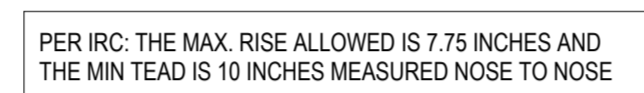
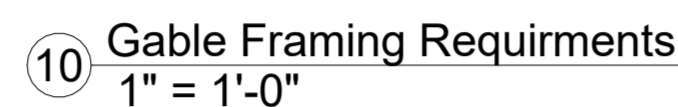
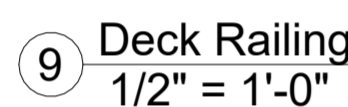
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A701.2



1 Roof Plan - Modern
1/4" = 1'-0"

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

PROJECT

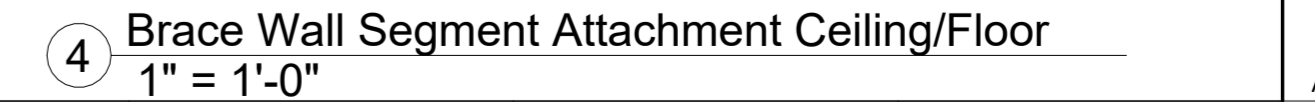
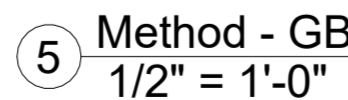
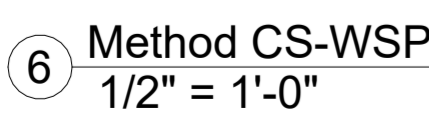
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Details

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A901



STATE OF MISSOURI
AARON A. BROWN
NUMBER
A-7215
REGISTERED ARCHITECT

[illegible]

A903



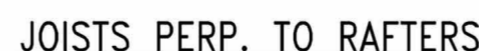
A COLUMN/PAD DETAIL



WINDOWS ARE TO HAVE FALL PROTECTION PER IRC 312.2



CEILING JOISTS AND RAFTERS SHALL BE TIED TO ONE ANOTHER PER TABLES R602.3(1) AND R602.5.1(9) AND THE ASSEMBLY SHALL BE NAILED TO THE TOP PLATE PER R602.3(1). CEILING JOIST NOT PARALLEL TO RAFTERS USE SUBFLOORING OR METAL STRAPS ATTACHED TO END OF THE RAFTERS TO PROVIDE A CONT. TIE ACROSS THE STRUCTURE.



② TYP. ROOF/RAFTER FRAMING

N.T.S

ALL POINT LOADS SHALL HAVE A MINIMUM OF 2 STUDS UNLESS NOTED OTHERWISE



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DRAWING NUMBER

E101

Summit/Unlock Farms/JHF 215 Woodland/DL-Working
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 DEVELOPMENT SERVICES
 LEE'S SUMMIT, MISSOURI
 11/12/2025 2:44:16

This is a detailed architectural floor plan of the first floor of a house. The plan includes the following rooms and features:

- Bedroom #4:** Located in the top left, featuring a ceiling fan (CF1) and a closet.
- Hall Bath:** Adjacent to Bedroom #4, containing a bathtub, toilet, and sink.
- Bedroom #3:** Located in the bottom left, featuring a furnace, a window (WH), and a closet.
- Living Area:** A large central space containing a fireplace (FP) and a ceiling fan (CF).
- Patio:** Located between Bedroom #4 and the Living Area, featuring a ceiling fan (CF1).
- Dimensions:** Various room and overall dimensions are provided, such as 11'-0" x 11'-0" for the main living area, 11'-0" x 11'-0" for the bedroom area, and 11'-0" x 11'-0" for the patio area.
- Electrical Symbols:** The plan includes numerous electrical symbols, including outlets (C3), switches (S1), and light fixtures (B1).
- Annotations:** A red diagonal line across the patio area is labeled "FULL BASEMENT - NO PATIO". A red note in the living area states "See E102 for extended Rec. room electrical layout".

1 RCP/Electrical - Basement
1/4" = 1'-0"

② RCP/Electrical - Main Level
1/4" = 1'-0"

architect:
Elevate Design + Build
350 SW Longview Blvd
Lee's Summit, MO 64081
816.622.8826 voice
www.elevatedesignbuildkc.com

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ADDRESS : 2213 SW Heartland
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DRAWING NUMBER

E102

Lee's Summit (Block Farms) J1F 215 Woodland 01-Working
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