

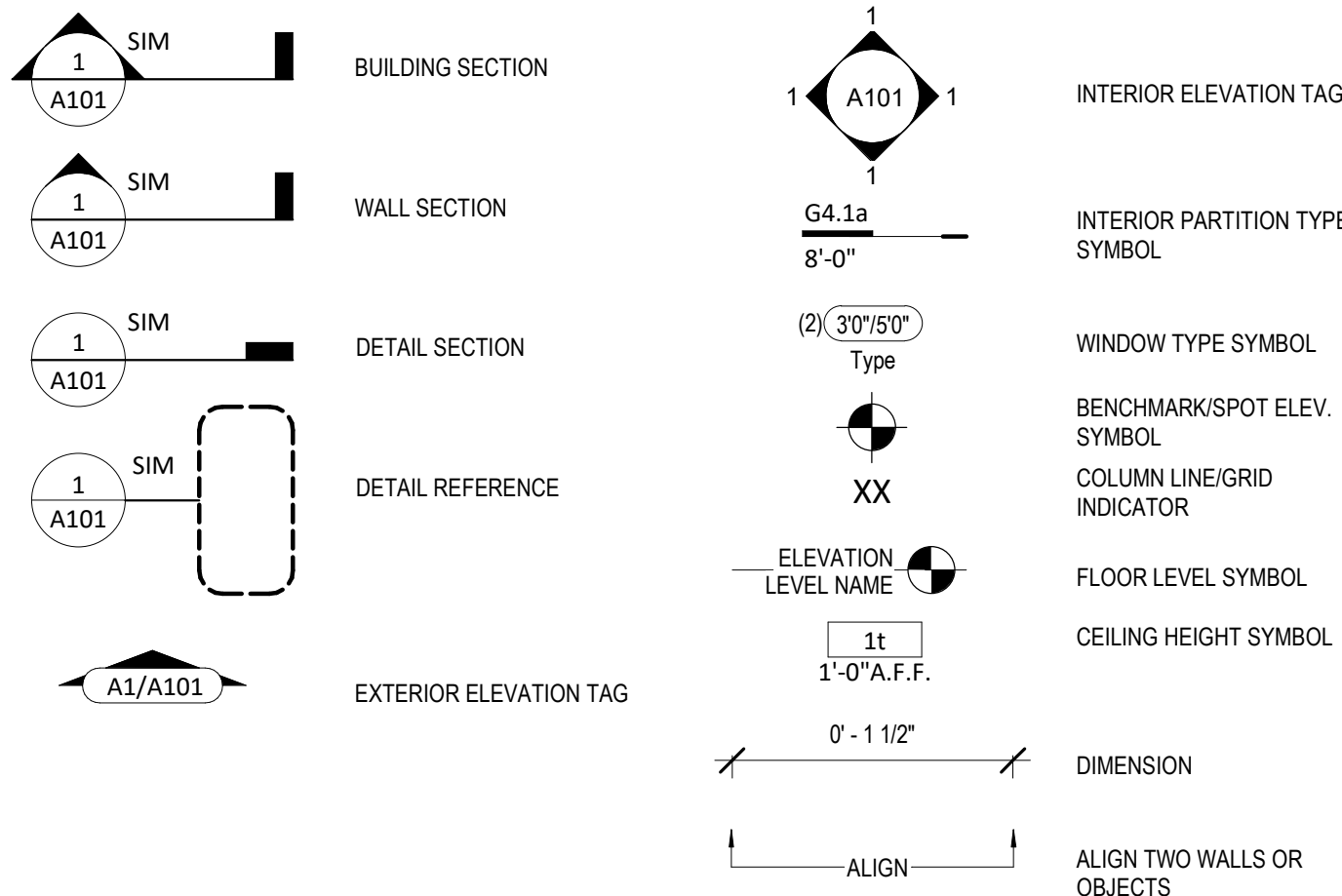
# Greystone - Hook Farms 26

2027 SW Hook Farm Dr  
Lee's Summit, MO 64082



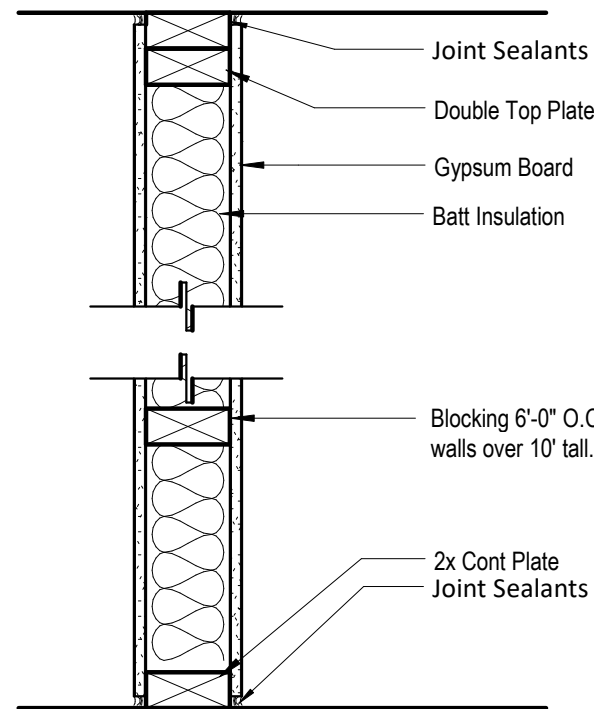
## Sheet List

- 05 - Architecture
- A0 Foundation Plan
- A1 Floor Plan - Main Level
- A2 RCP/Electrical Plan
- A3.C Elevations
- A4.C Building Sections
- A5 Details
- A6 Details
- A7 Grading Options



## Interior Partition Types

- NOTES:
1. PROVIDE MOISTURE RESISTANT GWB IN WET AREAS
  2. EXTEND ALL FIRE RATED WALLS STRUCTURE TO STRUCTURE.
  3. USE TYPE "X" GWB FOR ALL FIRE RATED PARTITIONS
  4. REFER TO ELEVATIONS FOR LOCATIONS WHERE WALL IS NOT FULL HEIGHT. IN THESE CASES CAP THE TOP OF THE WALL WITH A LAYER OF 1/2" GYPSUM BOARD U.N.O.

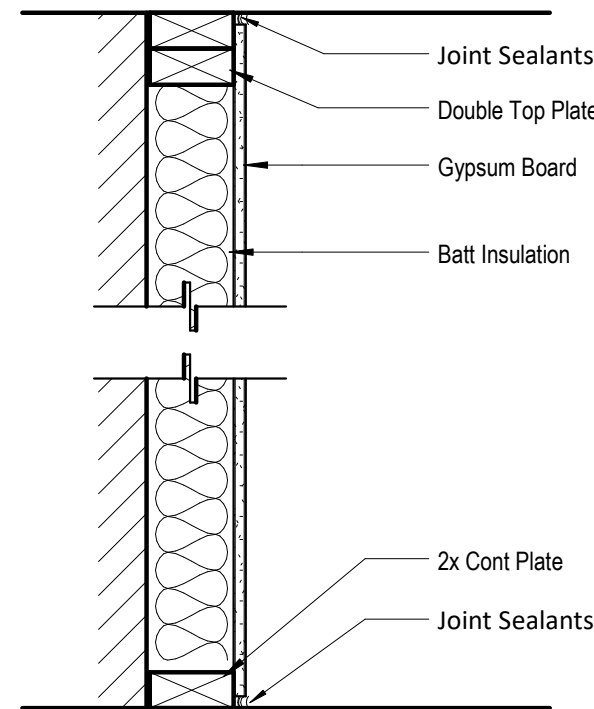


PARTITION SYSTEM:  
GYPSUM WALL BOARD PARTITION

G

PARTITION IDENTIFICATION PLAN SYMBOL	G4	G4.1	G4.L	G6
BASE PARTITION THICKNESS	4.5"	4.5"	4.5"	6.5"
STUD SPACING (O.C.)	16"	16"	16"	16"
STUD SIZE	2x4	2x4	2x4	2x6
GWb THICKNESS	1/2"	5/8"	5/8"	1/2"
JOINT SEALANTS	No	No	No	No
INTERIOR LOAD BEARING WALL	No	No	Yes	No
FIRE RATING (HRS)	-	1	-	-
FIRE TEST NUMBER	-	U314	-	-
FIRE TEST NUMBER (HEAD OF WALL)	-	-	-	-
FIRE RESISTIVE JOINTS	-	-	-	-
ACOUSTIC RATING (STC)	-	-	-	-
ACOUSTICAL TEST NUMBER	-	-	-	-
INSULATION	No	Yes	No	No
ACOUSTICAL JOINTS	-	-	-	-
REMARKS:	* SEE NOTE #4	* SEE NOTE #3	* SEE NOTE #3	* SEE NOTE #4

- NOTES:
1. REFER TO ELEVATIONS FOR LOCATIONS WHERE WALL IS NOT FULL HEIGHT. IN THESE CASES CAP THE TOP OF THE WALL WITH A LAYER OF 1/2" GYPSUM BOARD U.N.O.

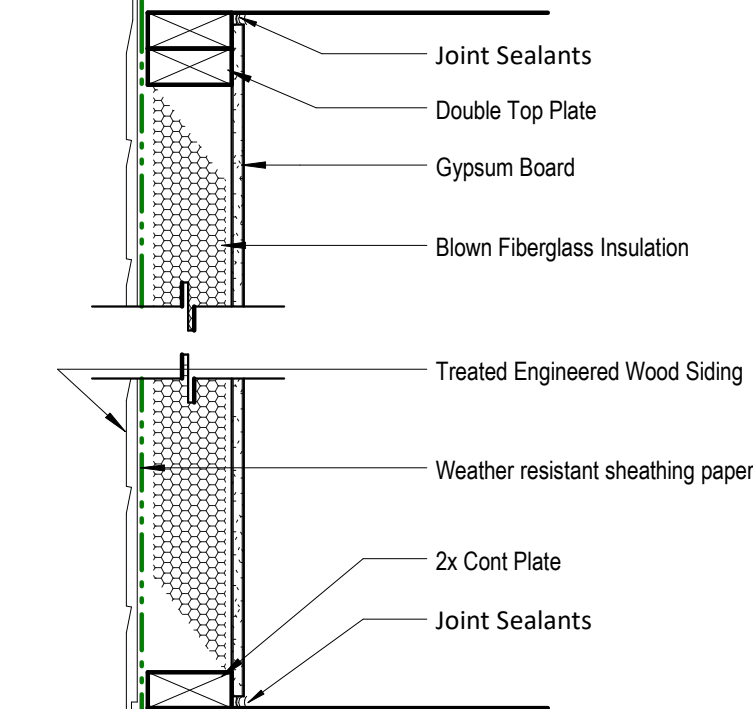


PARTITION SYSTEM:  
GYPSUM FURING PARTITION

F

PARTITION IDENTIFICATION PLAN SYMBOL	F4
BASE PARTITION THICKNESS	4"
STUD SPACING (O.C.)	16"
STUD SIZE	2x4
GWb THICKNESS	1/2"
JOINT SEALANT	No
FIRE RATING (HRS)	-
FIRE TEST NUMBER	-
FIRE TEST NUMBER (HEAD OF WALL)	-
FIRE RESISTIVE JOINTS	-
ACOUSTIC RATING (STC)	-
ACOUSTICAL TEST NUMBER	-
INSULATION	No
ACOUSTICAL JOINTS	-
REMARKS:	* SEE NOTE #1

- NOTES:
1. REFER TO ELEVATIONS FOR LOCATIONS WHERE WALL IS NOT FULL HEIGHT. IN THESE CASES CAP THE TOP OF THE WALL WITH A LAYER OF 1/2" GYPSUM BOARD U.N.O.



PARTITION SYSTEM:  
Exterior Partition

E

PARTITION IDENTIFICATION PLAN SYMBOL	E4
BASE PARTITION THICKNESS	4"
STUD SPACING (O.C.)	16"
STUD SIZE	2x4
GWb THICKNESS	1/2"
JOINT SEALANT	Yes
FIRE RATING (HRS)	-
FIRE TEST NUMBER	-
FIRE TEST NUMBER (HEAD OF WALL)	-
FIRE RESISTIVE JOINTS	-
ACOUSTIC RATING (STC)	-
ACOUSTICAL TEST NUMBER	-
INSULATION	Yes
ACOUSTICAL JOINTS	-
REMARKS:	* SEE NOTE #1

## General Information

2006 Interior Energy Cons. Code (Table R402.1.1)	
Doors & Windows:	U-0.65 MAX
Glazing SHGF:	0.40
Skylights:	U-0.65 MAX
Roof:	
Attic Ceilings:	R-30 MIN
Vaults:	R-30 MIN
Vaults < 500sf:	R-30 MIN
Wood Frame Walls:	R-13 MIN
Basement Walls:	R-0
Floor (over unconditioned):	R-19 MIN
Slab on Grade:	R-0
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 2012	
Ground Snow Load:	20PSF
Wind Speed:	90mph
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:	
Air Freezing Index:	1,500 or less
Mean Annual Temperature:	55 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 (R507.2)
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, R7.3)
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 90 MPH Rated

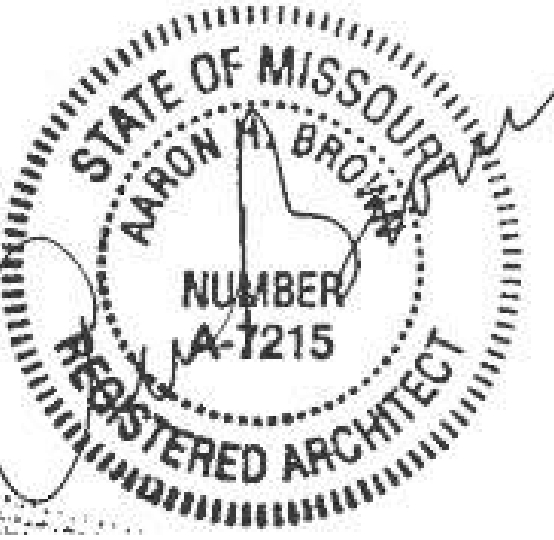


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Original Issue Date: 2022-06-21

## REVISIONS

Number Description Date



PERMIT  
SET

PLAN DESCRIPTION: Greystone

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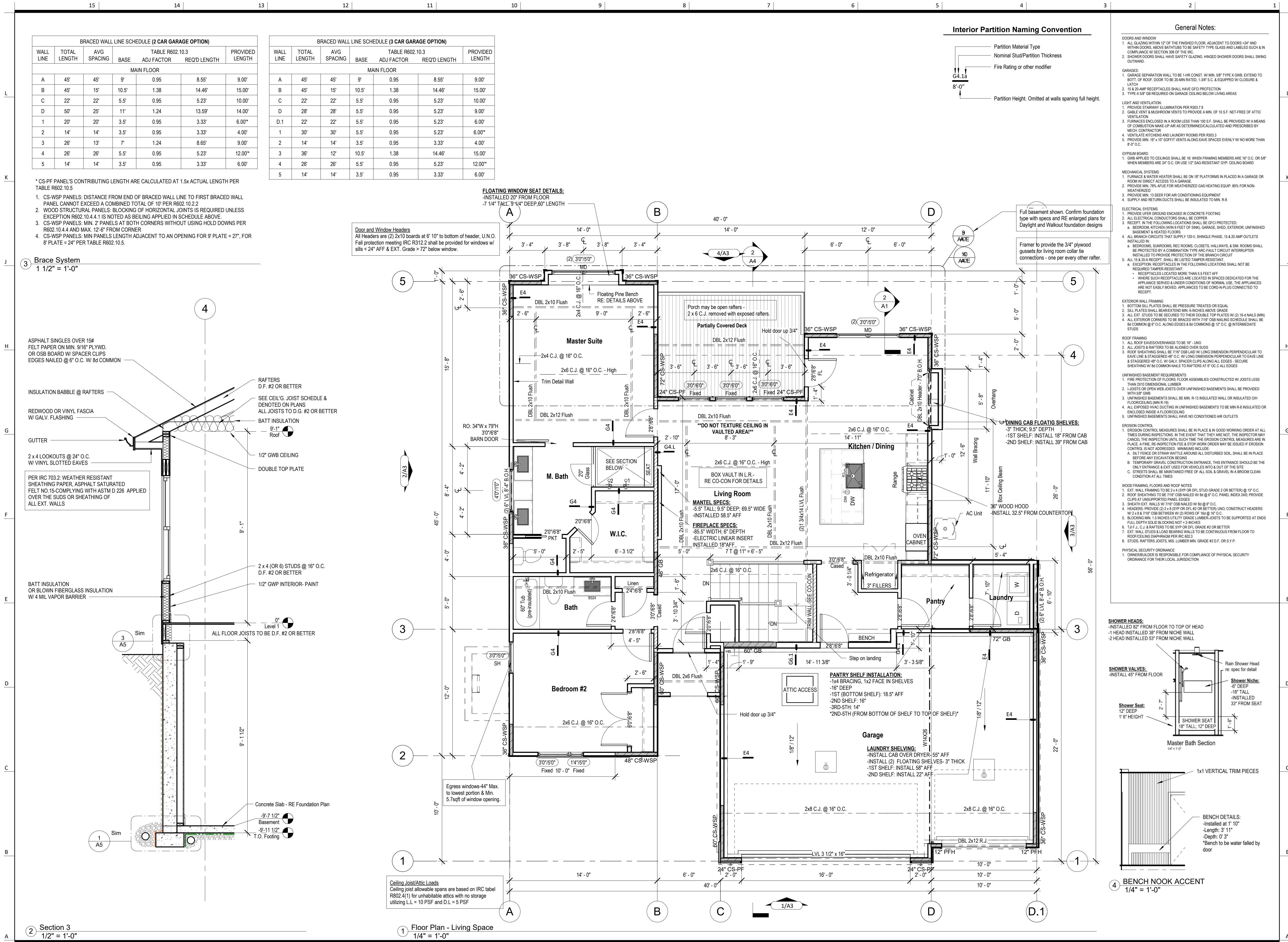
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HR 152

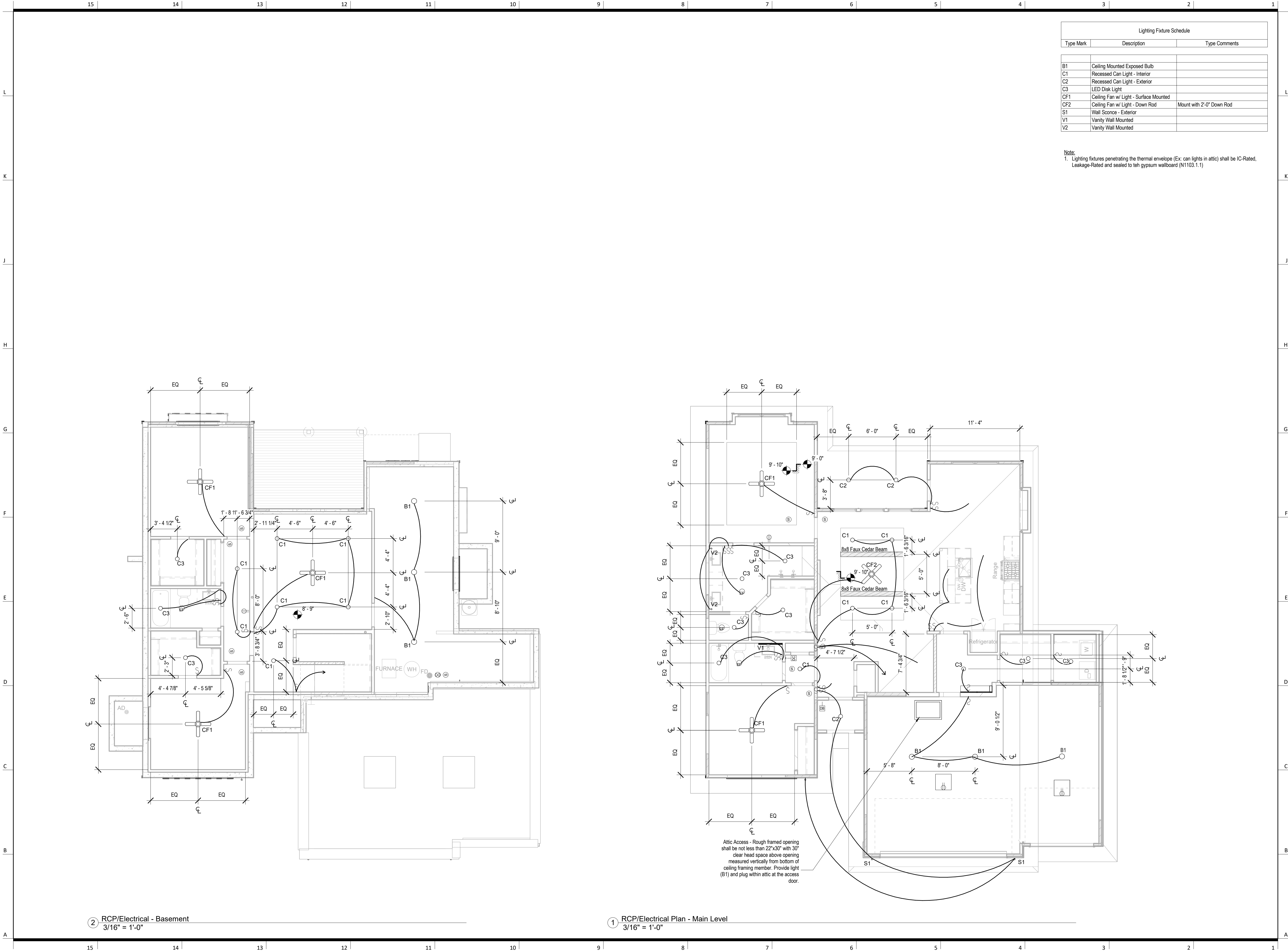












# Greystone - Hook Farms 26

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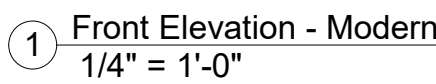
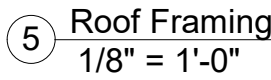
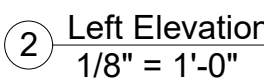
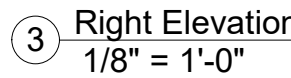
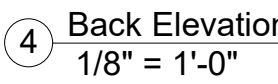
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2022-06-21	
REVISIONS	
Number	DESCRIPTION
DATE	

RCP/Electrical Plan

# A2

Project No.

RELEASE FOR REVIEW  
AS NOTED FOR PLAN REVIEW  
DEVELOPMENT SERVICES  
LEE'S SUMMIT, MISSOURI  
06/21/2022



### A3.C



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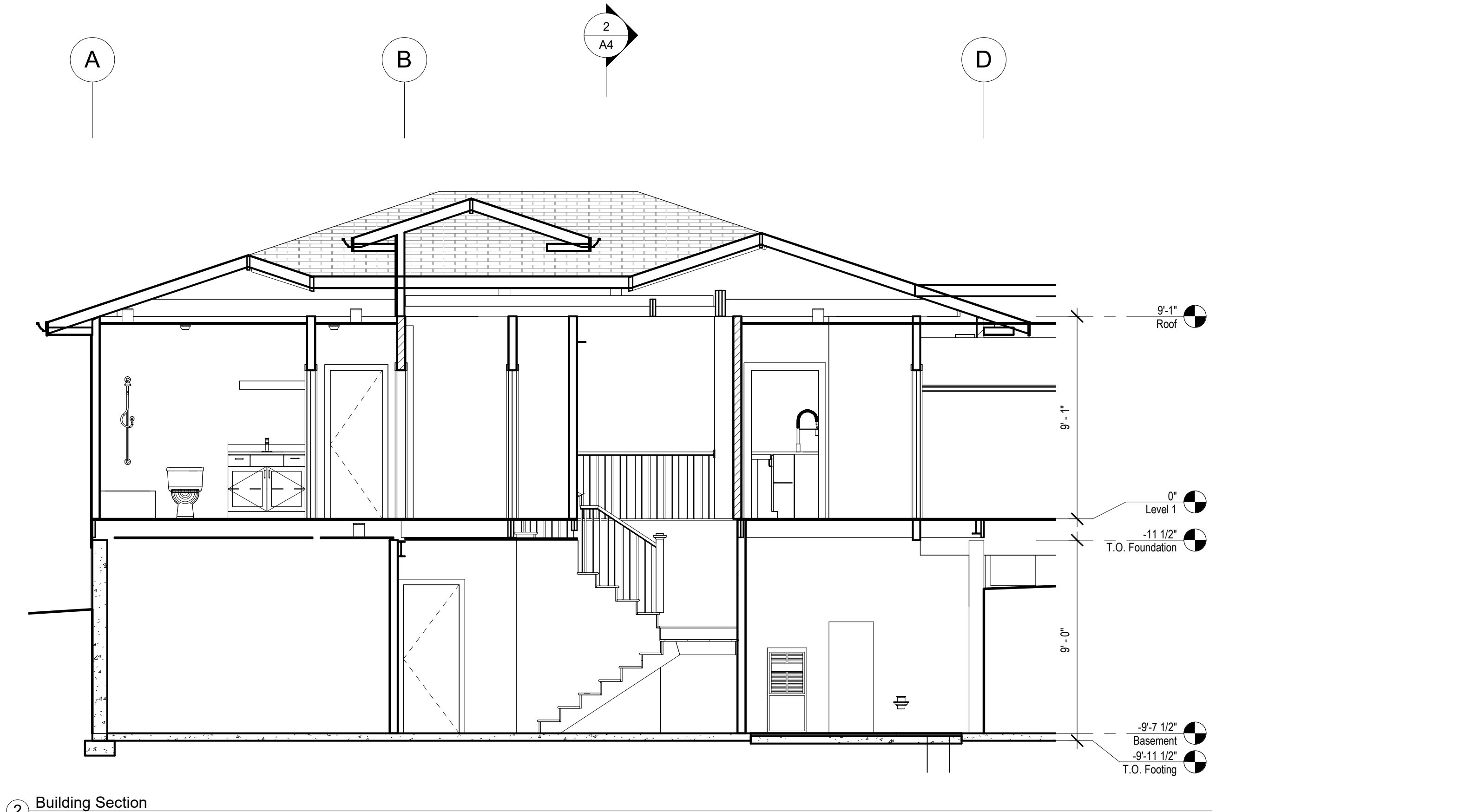
REVISIONS		
Number	DESCRIPTION	DATE

Building Sections

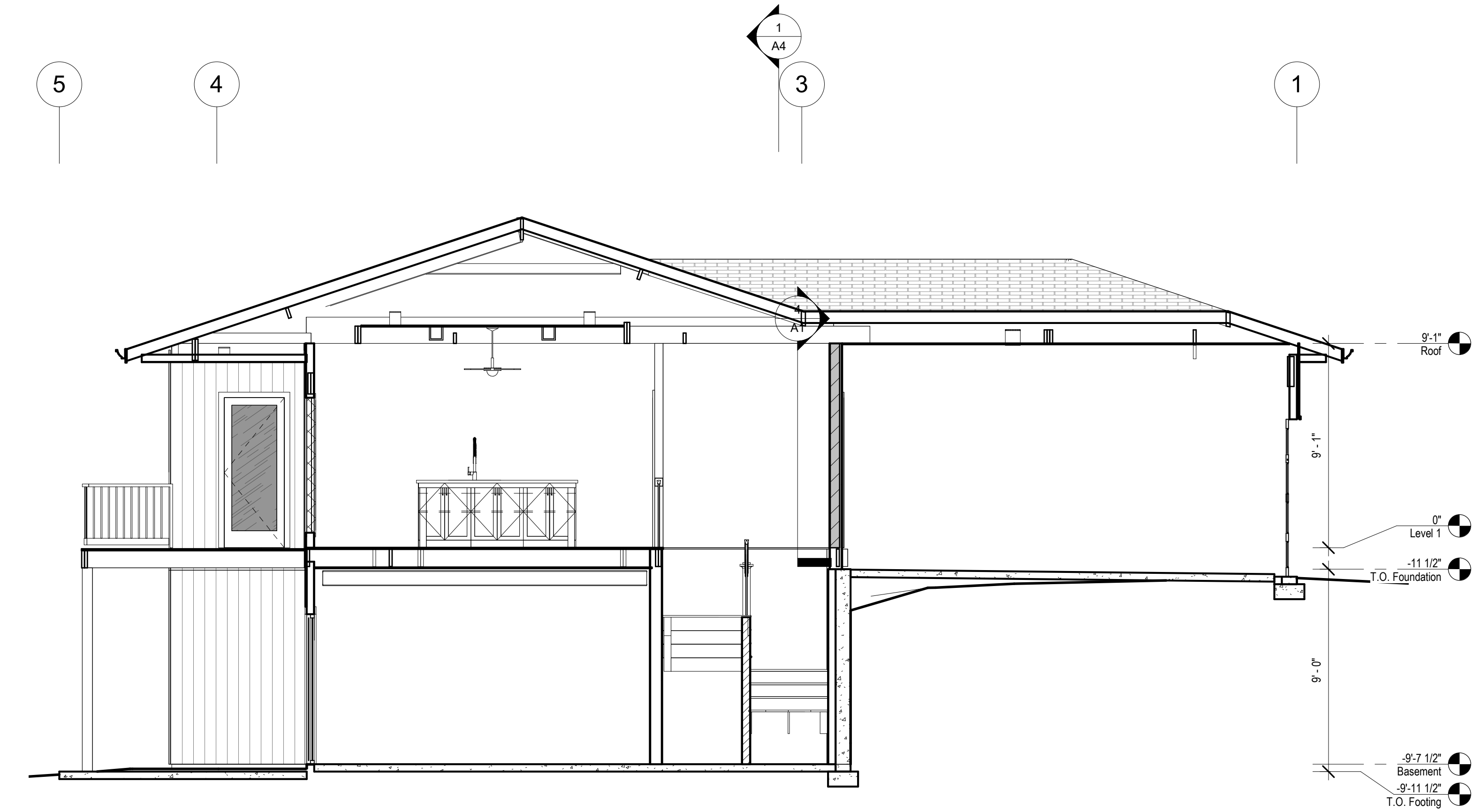
A4.C

Project No.

RELEASE FOR PERMIT  
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DEVELOPMENT SERVICES  
LEE'S SUMMIT, MISSOURI  
06/21/2022



② Building Section  
1/4" = 1'-0"



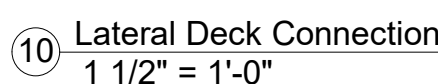
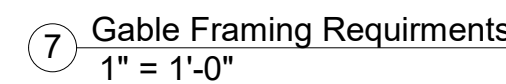
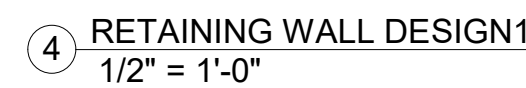
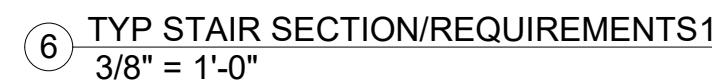
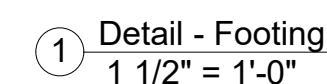
① Building Section  
1/4" = 1'-0"



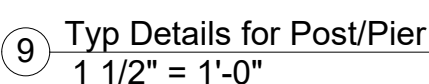
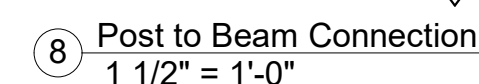
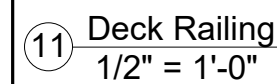
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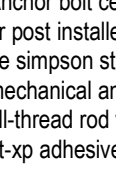
RELEASE FOR CONSTRUCTION  
AS NOTED FOR PLAN REVIEW  
DEVELOPMENT SERVICES  
LEE'S SUMMIT, MISSOURI  
06/21/2022



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



1/2" Dia x 12" galvanized  
Anchor bolt centered in pier  
or post installed anchor can  
be simpson strong bolt 2  
mechanical anchor or 1/2"  
all-thread rod with simpson  
at-xp adhesive anchor.



0' - 3"

The diagram shows a circular cross-section of a pier. Inside the circle is a diamond-shaped frame. At the top vertex of the diamond is a vertical anchor bolt with a nut and washer. The entire pier is filled with a stippled pattern representing gravel. A dimension line at the bottom right indicates a diameter of 0' - 3".

er dia, RE Plan



