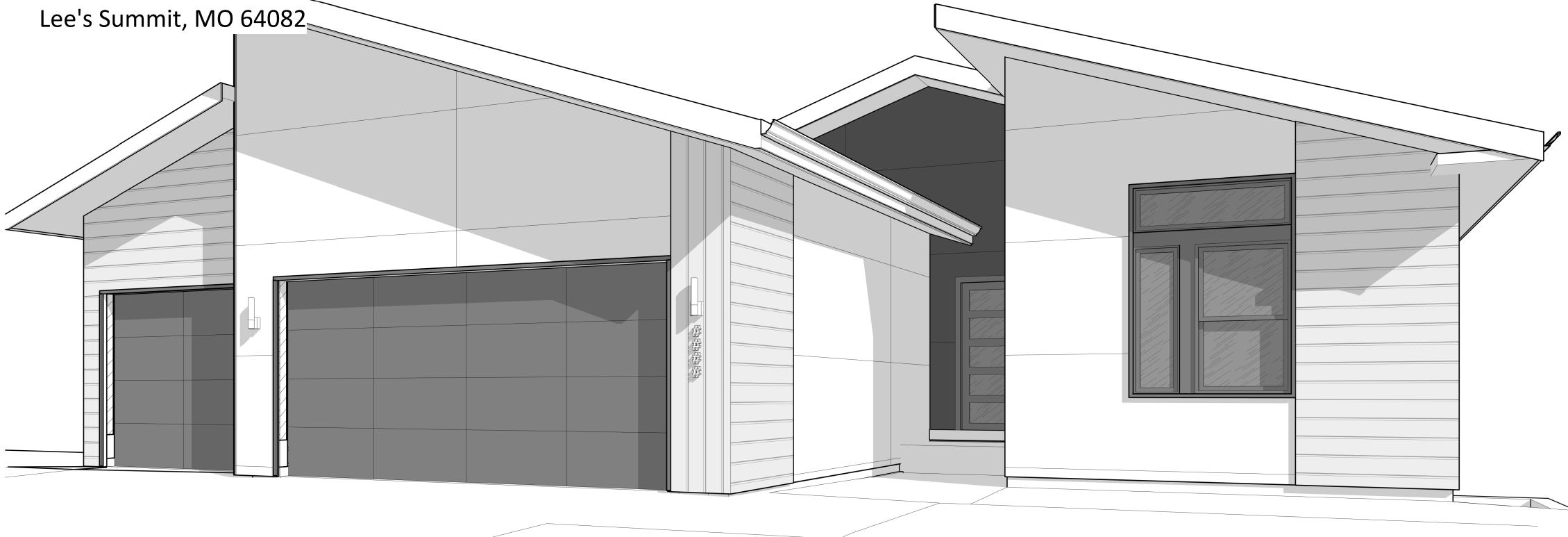
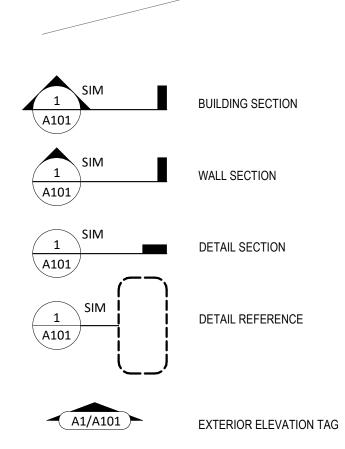
# Greystone - Hook Farms - Lot 41

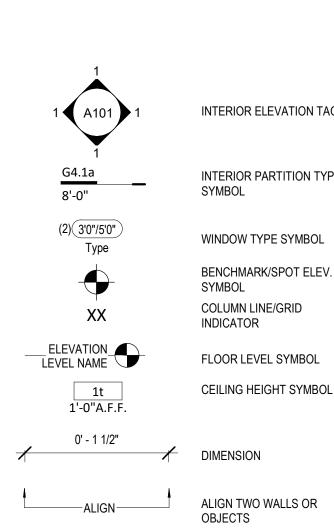
2031 Wheatfield Ct.



# Sheet List

05 - Archit	ecture
A0	Foundation Plan
A1	Floor Plan - Main Leve
A2	<b>RCP/Electrical Plan</b>
A3.D	Elevations
A4.D	Building Sections
A5	Details
A6	Details





## Interior Partition Types

NOTES: . PROVIDE MOISTURE RESISTANT GWB IN WET AREAS	PARTITION IDENTIFICATION PLAN SYMBOL	G4	G4.1	G4.L	G6
2. EXTEND ALL FIRE RATED WALLS STRUCTURE TO STRUCTURE.	BASE PARTITION THICKNESS	4.5"	4.5"	4.5"	6.5"
3. USE TYPE "X" GWB FOR ALL FIRE RATED PARTITIONS	STUD SPACING (O.C.)	16"	16"	16"	16"
A. REFER TO ELEVATIONS FOR LOCATIONS WHERE WALL IS NOT FULL	STUD SIZE	2x4	2x4	2x4	2x6
PROVIDE MOISTURE RESISTANT GWB IN WET AREAS EXTEND ALL FIRE RATED WALLS STRUCTURE TO STRUCTURE. JSE TYPE "X" GWB FOR ALL FIRE RATED PARTITIONS	GWB THICKNESS	1/2"	5/8"*	5/8"*	1/2"
	JOINT SEALANTS	No	No	No	No
Joint Sealants	INTERIOR LOAD BEARING WALL	No	No	Yes	No
Double Top Plate					
Gypsum Board	FIRE RATING (HRS)	-	1	-	-
	FIRE TEST NUMBER	-	U314	-	-
	FIRE TEST NUMBER (HEAD OF WALL)	-	-	-	-
	FIRE RESISTIVE JOINTS	-	-	-	-
	ACOUSTIC RATING (STC)	-	-	-	-
	ACOUSTICAL TEST NUMBER	-	-	-	-
		-	-	-	-
2v Cont Ploto	INSULATION	No	Yes	No	No
	ACOUSTICAL JOINTS	-	-	-	-
		-	-	-	-
		-	-	-	-
		-	-	-	-
PARTITION SYSTEM: GYPSUM WALL BOARD PARTITION	REMARKES:	* SEE NOTE #4	* SEE NOTE #3	* SEE NOTE #3	* SEE NOTE #4

### INTERIOR ELEVATION TAG

INTERIOR PARTITION TYPE SYMBOL

WINDOW TYPE SYMBOL

BENCHMARK/SPOT ELEV.

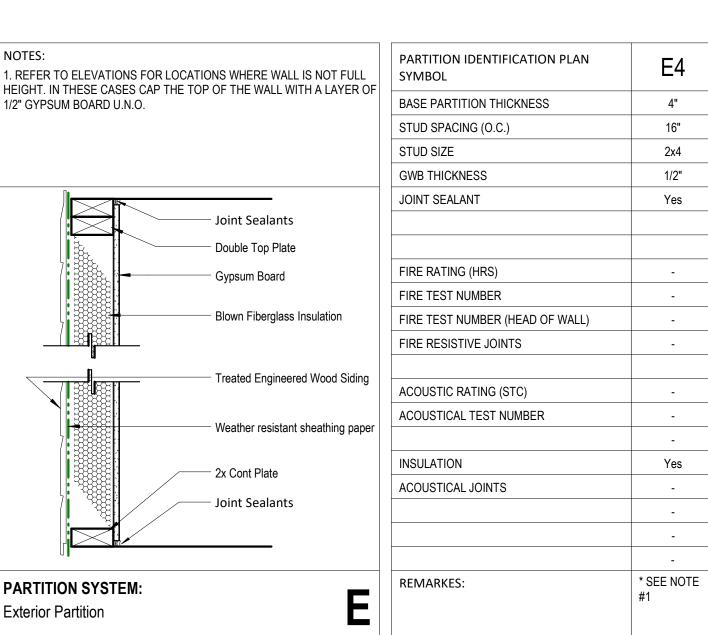
SYMBOL COLUMN LINE/GRID INDICATOR

FLOOR LEVEL SYMBOL

CEILING HEIGHT SYMBOL

DIMENSION

5: ER TO ELEVATIONS FOR LOCATIONS WHERE WALL IS NOT FULL T. IN THESE CASES CAP THE TOP OF THE WALL WITH A LAYER OF	PARTITION IDENTIFICATION PLAN SYMBOL	F4	NOTES: 1. REFER TO ELEVATION HEIGHT. IN THESE CASE
PSUM BOARD U.N.O.	BASE PARTITION THICKNESS	4"	1/2" GYPSUM BOARD U.I
	STUD SPACING (O.C.)	16"	
	STUD SIZE	2x4	
	GWB THICKNESS	1/2"	
	JOINT SEALANT	No	
Joint Sealants			
Double Top Plate			
Gypsum Board	FIRE RATING (HRS)	-	
	FIRE TEST NUMBER	-	
Batt Insulation	FIRE TEST NUMBER (HEAD OF WALL)	-	
	FIRE RESISTIVE JOINTS	-	
	ACOUSTIC RATING (STC)	-	
	ACOUSTICAL TEST NUMBER	-	
		-	
2x Cont Plate	INSULATION	No	
	ACOUSTICAL JOINTS	-	
Joint Sealants		-	
		-	
		-	
TION SYSTEM:	REMARKES:	* SEE NOTE #1	PARTITION SYSTE Exterior Partition



2018 Interior Energy Cons. (	<u> Code (Table N1102.1.2)</u>
Doors & Windows: Glazing SHGF: Skylights:	U-0.32 MAX 0.40 U-0.55 MAX
Roof Attic Ceilings: Vaults: Vaults < 500sf:	R-49 MIN R-38 MIN R-30 MIN
Wood Frame Walls: Basement Walls: Floor (over unconditioned): Slab on Grade: Ductwork: Fuel Fired Furnace: Electic Furnace: Cooling System:	R-20 or R-13 + 5 MIN R-13 or R-10 Continuous R-19 MIN R-10 for 24" MIN R-8 MIN 90% AFUE MIN No Minimum 13 SEER MIN
Water Heater Gas Fired Storage: Gas Fired Instant: Electic Storage: Electic Instant:	0.67 EF MIN 0.62 EF MIN 0.97 EF MIN 0.93 EF MIN
certificate has accurate infor before final inspection Own responsibile for meeting the requirments of IRC chapter 1 Index Analysis for Performar based on the plans is submit approval.	ner/Contractor is prescriptive 11 unless a HER nce Compliance
IRC 2018 Ground Snow Load: Wind Speed: Topography Effects: Seismic Design Category: Damage From Weather: Frost Line Depth: Termite: Winter Design Temperature: Ice Barrier Underlayment: Flood Hazard: Air Freezing Index: Mean Annual Temperature:	20PSF 115mph No A Severe 36 inches Moderate to Heavy 6 F Yes 927 or less 55.5 F
<ol> <li>Whole House Mechanica is required for any dwellin at a rate of less than 5 ai (at ACH50 standard R30</li> <li>Carbon monoxide detect</li> <li>Steel columns shall be m (R507.2)</li> <li>Deck Ledger attachment Tables 507.9.1.3.</li> <li>New provisions for attach trusses and roof beams. R802.11)</li> <li>Programmable thermosta (N1103.1.1)</li> <li>Air handlers shall be rate air leakage rate (N1103.2)</li> <li>Building cavities used as shall be sealed to prever thermal envelope. (N110</li> <li>Certain hot water pipes s (N1103.4)</li> <li>All exhaust fans shall ter exterior (M1507.2)</li> <li>Makeup air system requi exhaust hoods that exce</li> <li>Building cavities in a their (including the wall betwe garage) shall not be user plenums (unless the requi barrier are maintained) (I</li> <li>An air handling system s the living space and the s</li> <li>A concrete-Encased grou ('UFER' Ground) connec requirments of the 2018</li> </ol>	ng with air infiltration ir changes per hour (3.4). ors required (R315) ininimum schedule 40 to house shall be per hment of rafters, (R802.3 and at required ed for Maximum 2% (2.2.1) return air plenums it leakage across the (3.2.3) shall be insulated minate to the building red for kitchen ed 400 CFM M1503.4 rmal envelope wall en the house and d as return air uired insulation and air M1601.1.1,#7.5) hall not serve both garage (M1601.6) unding electrode tion complies with the

RELEASE FOR CONSTRUCTION

AS NOTED FOR PLAN REVIEW DEVELOPMENT SERVICES

LEE'S SUMMIT, MISSOURI 10/28/2021



# Lot 41 eystone J

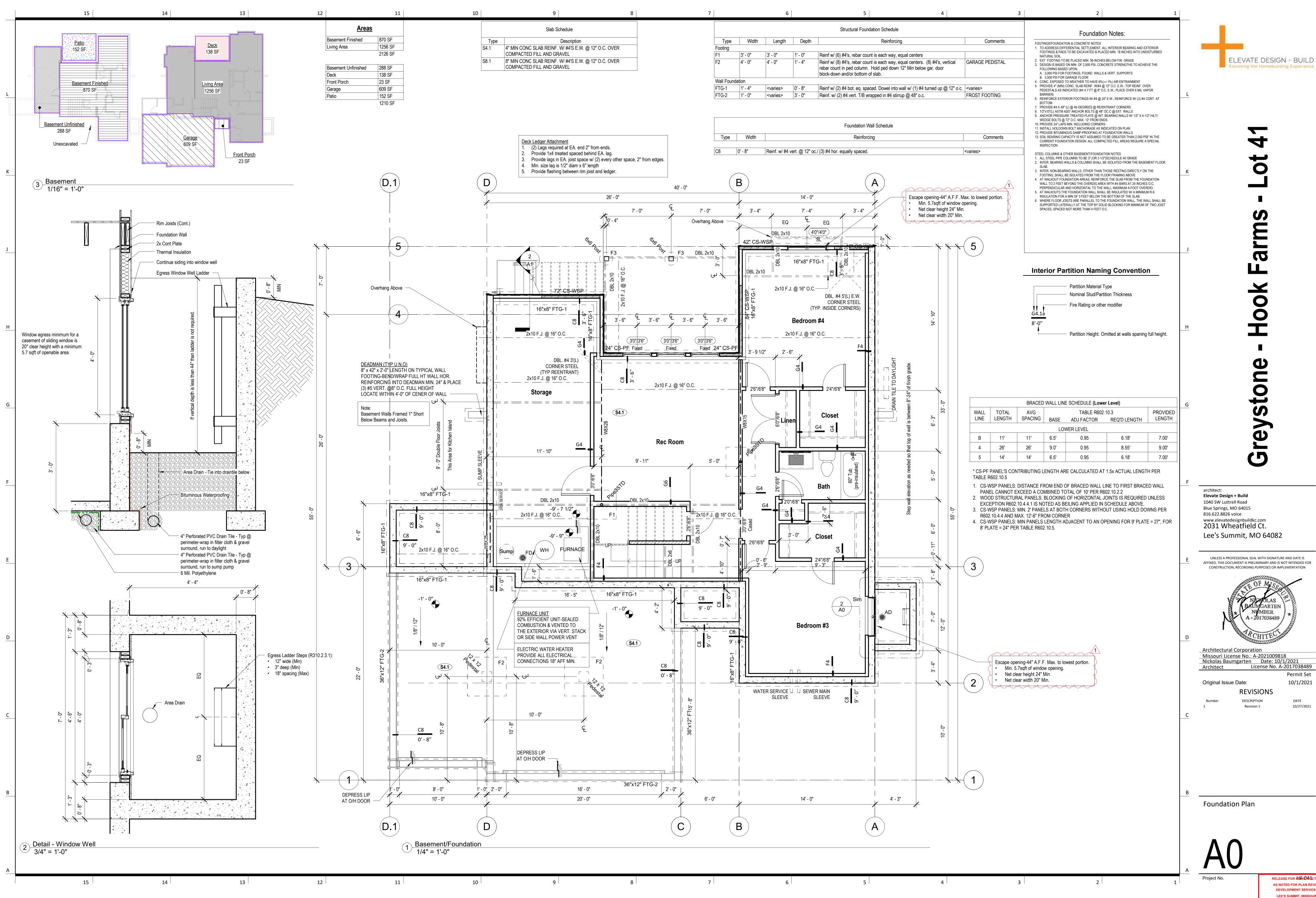
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Original Issu	e Date:	10/1/2021
Number	Description	Date



PLAN DESCRIPTION: Greystone

Project No.

HF 041



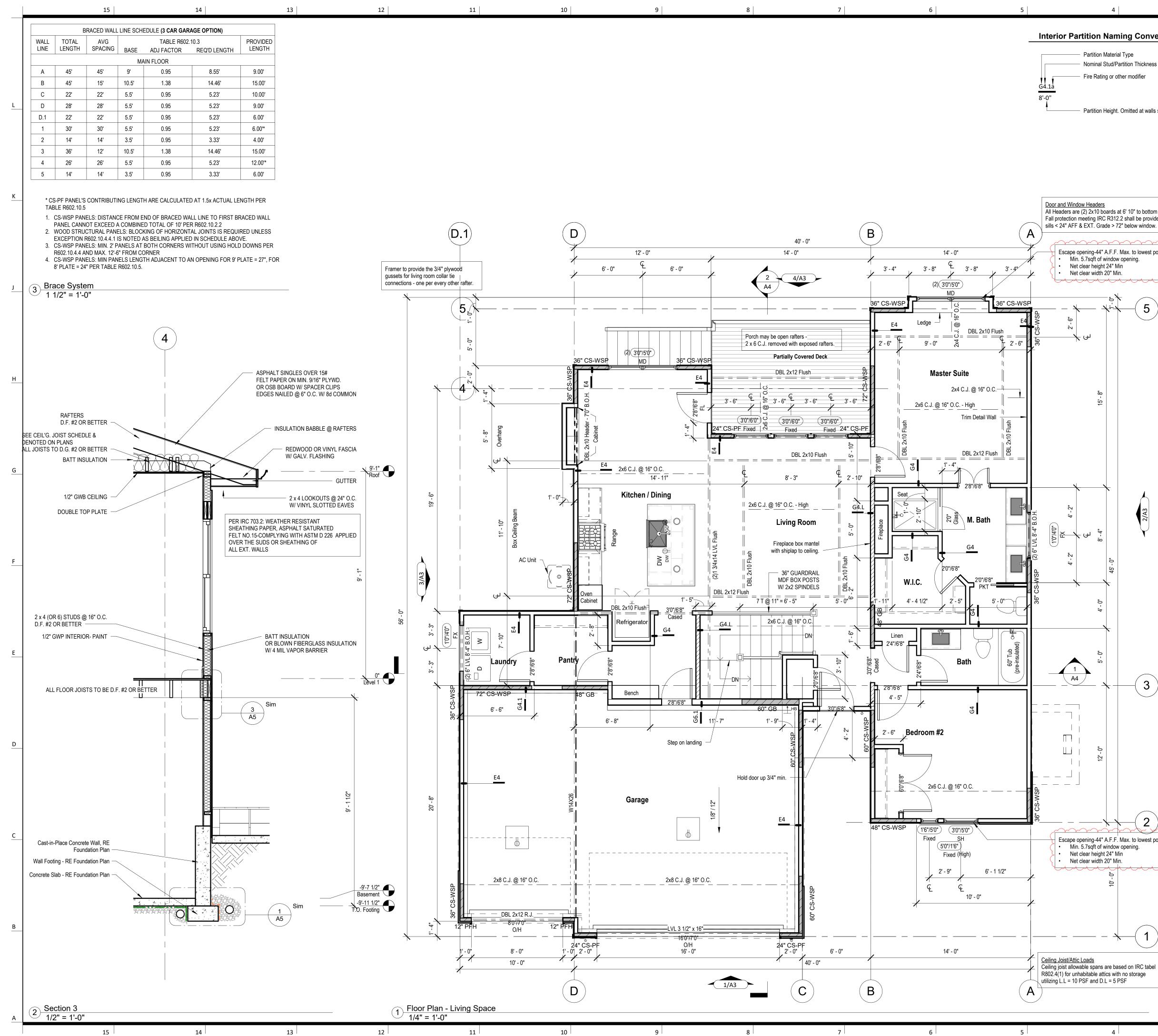
RELEASE FOR CONSTAUCTION AS NOTED FOR PLAN REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI 10/28/2021

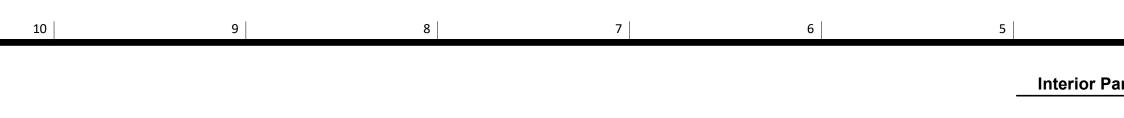
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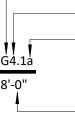
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DATE

10/27/2021





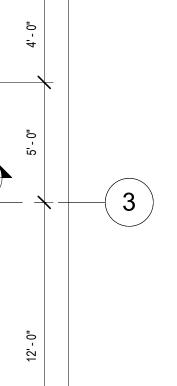


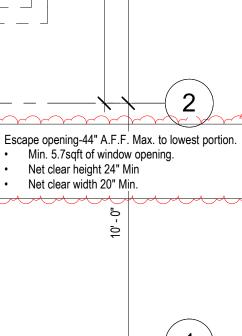


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# Interior Partition Naming Convention

- Partition Material Type Nominal Stud/Partition Thickness
- Fire Rating or other modifier
- Partition Height. Omitted at walls spaning full height.
- Door and Window Headers All Headers are (2) 2x10 boards at 6' 10" to bottom of header, U.N.O. Fall protection meeting IRC R312.2 shall be provided for windows w/
- Escape opening-44" A.F.F. Max. to lowest portion. Min. 5.7sqft of window opening. Net clear height 24" Min Net clear width 20" Min.
- ╲ ()





Ceiling joist allowable spans are based on IRC tabel R802.4(1) for unhabitable attics with no storage utilizing L.L = 10 PSF and D.L = 5 PSF

4

- 2 General Notes: DOORS AND WINDOW 1. ALL GLAZING WITHIN 12" OF THE FINISHED FLOOR, ADJACENT TO DOORS <24" AND WITHIN DOORS, ABOVE BATHTUBS TO BE SAFETY TYPE GLASS AND LABELED SUCH & IN COMPLIANCE W/ SECTION 308 OF THE IRC. 2. SHOWER DOORS SHALL HAVE SAFETY GLAZING. HINGED SHOWER DOORS SHALL SWING GARAGES: 1. GARAGE SEPARATION WALL TO BE 1-HR CONST. W/ MIN. 5/8" TYPE X GWB, EXTEND TO BOTT. OF ROOF. DOOR TO BE 20-MIN RATED, 1-3/8" S.C. & EQUIPPED W/ CLOSURE & 2. 15 & 20-AMP RECEPTACLES SHALL HAVE GFCI PROTECTION 3. TYPE-X 5/8" GB REQUIRED ON GARAGE CEILING BELOW LIVING AREAS LIGHT AND VENTILATION: . PROVIDE STAIRWAY ILLUMINATION PER R303.7.9 2. GABLE VENT & MUSHROOM VENTS TO PROVIDE A MIN. OF 10 S.F. NET-FREE OF ATTIC VENTILATION 3. FURNACES ENCLOSED IN A ROOM LESS THAN 100 S.F. SHALL BE PROVIDED W/ A MEANS OF COMBUSTION MAKE-UP AIR AS DETERMINED/CALCULATED AND PRESCRIBED BY MECH. CONTRACTOR 4. VENTILATE KITCHENS AND LAUNDRY ROOMS PER R303.3 5. PROVIDE MIN. 16" x 10" SOFFIT VENTS ALONG EAVE SPACED EVENLY W/ NO MORE THAN GYPSUM BOARD: . GWB APPLIED TO CEILINGS SHALL BE 16: WHEN FRAMING MEMBERS ARE 16" O.C. OR 5/8" WHEN MEMBERS ARE 24" O.C. OR USE 1/2" SAG-RESISTANT GYP. CEILING BOARD MECHANICAL SYSTEMS
- 1. FURNACE & WATER HEATER SHALL BE ON 18" PLATFORMS IN PLACED IN A GARAGE OR ROOM W/ DIRECT ACCESS TO A GARAGE.
- 2. PROVIDE MIN. 78% AFUE FOR WEATHERIZED GAS HEATING EQUIP. 80% FOR NON-WEATHERIZED
- 3. PROVIDE MIN. 13 SEER FOR AIR CONDITIONING EQUIPMENT 4. SUPPLY AND RETURN DUCTS SHALL BE INSULATED TO MIN. R-8
- ELECTRICAL SYSTEMS 1. PROVIDE UFER GROUND ENCASED IN CONCRETE FOOTING 2. ALL ELECTRICAL CONDUCTORS SHALL BE COPPER
- a. BECET. IN THE FOLLOWING LOCATIONS SHALL BE GFCI PROTECTED: a. BEDROOM, KITCHEN (W/IN 6 FEET OF SINK), GARAGE, SHED, EXTERIOR, UNFINISHED
- **BASEMENT & HEATED FLOORS** 4. ALL BRANCH CIRCUITS THAT SUPPLY 120-V, SHINGLE PHASE, 15 & 20 AMP OUTLETS INSTALLED IN:
- a. BEDROOMS, SUNROOMS, REC ROOMS, CLOSETS, HALLWAYS, & SIM. ROOMS SHALL BE PROTECTED BY A COMBINATION TYPE ARC-FAULT CIRCUIT INTERRUPTER INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT
- 5. ALL 15 & 20-A RECEPT. SHALL BE LISTED TAMPER-RESISTANT. a. EXCEPTION: RECEPTACLES IN THE FOLLOWING LOCATIONS SHALL NOT BE REQUIRED TAMPER-RESISTANT: RECEPTACLES LOCATED MORE THAN 5.5 FEET AFF
- WHERE SUCH RECEPTACLES ARE LOCATED IN SPACES DEDICATED FOR THE APPLIANCE SERVED & UNDER CONDITIONS OF NORMAL USE, THE APPLIANCES ARE NOT EASILY MOVED. APPLIANCES TO BE CORD-N-PLUG CONNECTED TO
- EXTERIOR WALL FRAMING . BOTTOM SILL PLATES SHALL BE PRESSURE TREATED OR EQUAL
- SILL PLATES SHALL BEAR/EXTEND MIN. 6-INCHES ABOVE GRADE
   ALL EXT. STUDS TO BE SECURED TO THEIR DOUBLE TOP PLATES W/ (2) 16-d NAILS (MIN) 4. ALL EXTERIOR CORNERS TO BE BRACED WITH 7/16" OSB NAILING SCHEDULE SHALL BE 8d COMMON @ 6" O.C. ALONG EDGES & 8d COMMONS @ 12" O.C. @ INTERMEDIATE
- ROOF FRAMING 1. ALL ROOF EAVES/OVERHANGS TO BE 16" - UNO
- ALL JOISTS & RAFTERS TO BE ALIGNED OVER SUDS
   ROOF SHEATHING SHALL BE 7/16" OSB LAID W/ LONG DIMENSION PERPENDICULAR TO EAVE LINE & STAGGERED 48" O.C. W/ LONG DIMENSION PERPENDICULAR TO EAVE LINE & STAGGERED 48" O.C. W/ GALV. SPACER CLIPS ALONG ALL EDGES - SECURE SHEATHING W/ 8d COMMON NAILS TO RAFTERS AT 6" OC.C ALL EDGES
- UNFINISHED BASEMENT REQUIREMENTS . FIRE PROTECTION OF FLOORS: FLOOR ASSEMBLIES CONSTRUCTED W/ JOISTS LESS
- THAN 2X10 DIMENSIONAL LUMBER 2. I-JOISTS OR OPEN WEB JOISTS OVER UNFINISHED BASEMENTS SHALL BE PROVIDED WITH 5/8" GWB
- 3. UNFINISHED BASEMENTS SHALL BE MIN. R-13 INSULATED WALL OR INSULATED O/H LOOR/CEILING (MIN R-19)
- ALL EXPOSED HVAC DUCTING IN UNFINISHED BASEMENTS TO BE MIN R-8 INSULATED OR ENCLOSED INSIDE A FLOOR/CEILING 5. UNFINISHED BASEMENTS SHALL HAVE NO CONDITIONED AIR OUTLETS
- EROSION CONTROL . EROSION CONTROL MEASURES SHALL BE IN PLACE & IN GOOD WORKING ORDER AT ALL TIMES DURING INSPECTIONS IN THE EVENT THAT THEY ARE NOT THE INSPECTOR MAY CANCEL THE INSPECTION UNTIL SUCH TIME THE EROSION CONTROL MEASURES ARE IN PLACE. A FINE, RE-INSPECTION FEE & STOP-WORK ORDER MAY BE ISSUED IF EROSION CONTROL IS NOT ADDRESSED. MINIMUMS INCLUDE:
- A. SILT FENCE OR STRAW WATTLE AROUND ALL DISTURBED SOIL, SHALL BE IN PLACE BEFORE ANY EXCAVATION BEGINS B. TEMPORARY GRAVEL CONSTRUCTION ENTRANCE, THIS ENTRANCE SHOULD BE THE ONLY ENTRANCE & EXIT USED FOR VEHICLES INTO & OUT OF THE SITE C. STREETS SHALL BE MAINTAINED FREE OF ALL SOIL & GRAVEL IN A BROOM CLEAN
- CONDITION AT ALL TIMES WOOD FRAMING, FLOORS AND ROOF NOTES
- . EXT. WALL FRAMING TO BE 2 x 4 (SYP OR DFL STUD GRADE 2 OR BETTER) @ 15" O.C. 2. ROOF SHEATHING TO BE 7/16" OSB NAILED W/ 8d @ 6" O.C. PANEL INDEX 24/0; PROVIDE CLIPS AT UNSUPPORTED PANEL EDGES
- . SHEATH EXT. WALLS W/ 7/16" OSB NAILED W/ 8d @ 6" O.C. 4. HEADERS: PROVIDE (2) 2 x 8 (SYP OR DFL #2 OR BETTER) UNO; CONSTRUCT HEADERS
- W/ 2 x 8 & 7/16" OSB BETWEEN W/ (2) ROWS OF 16d @ 16" O.C. 5. BLOCKING MIN. 1.5 INCHES UTILITY GRADE LUMBER-JOISTS TO BE SUPPORTED AT ENDS FULL DEPTH SOLID BLOCKING NOT < 2-INCHES
- 6. TJI F.J., C.J. & RAFTERS TO BE SYP OR DFL GRADE #2 OR BETTER 7. EXT. WALL STUDS & LOAD BEARING WALLS TO BE CONTINUOUS FROM FLOOR TO ROOF/CEILING DIAPHRAGM PER IRC 602.3
- 8. STUDS, RAFTERS JOISTS, MIS. LUMBER MIN. GRADE #2 D.F. OR S.Y.P.
- PHYSICAL SECURITY ORDINANCE 1. OWNER/BUILDER IS RESPONSIBLE FOR COMPLIANCE OF PHYSICAL SECURITY ORDINANCE FOR THEIR LOCAL JURISDICTION





architect: Elevate Design + Build

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Lee's Summit, MO 64082



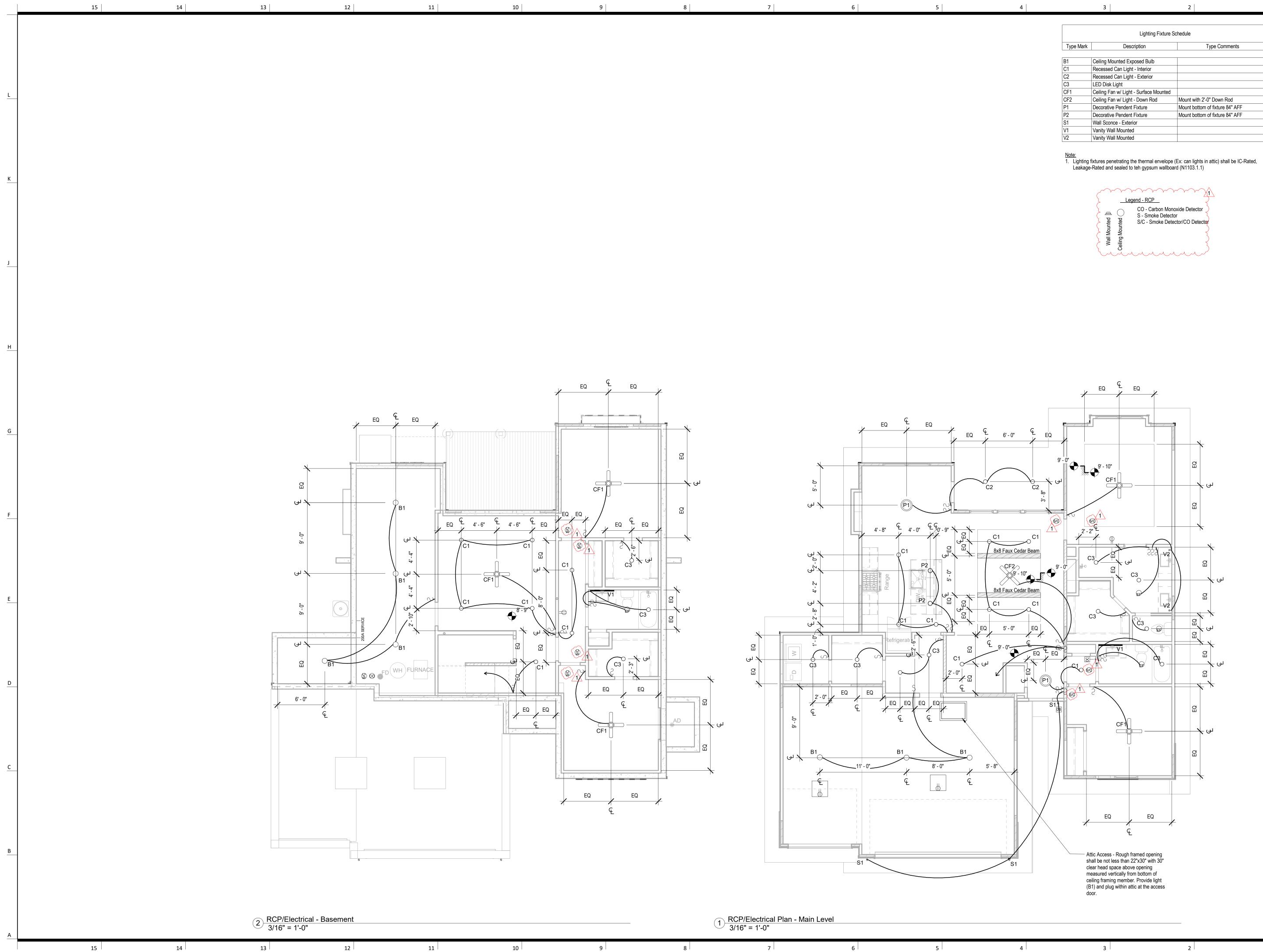
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Floor Plan - Main Level



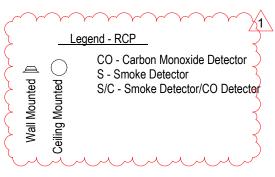


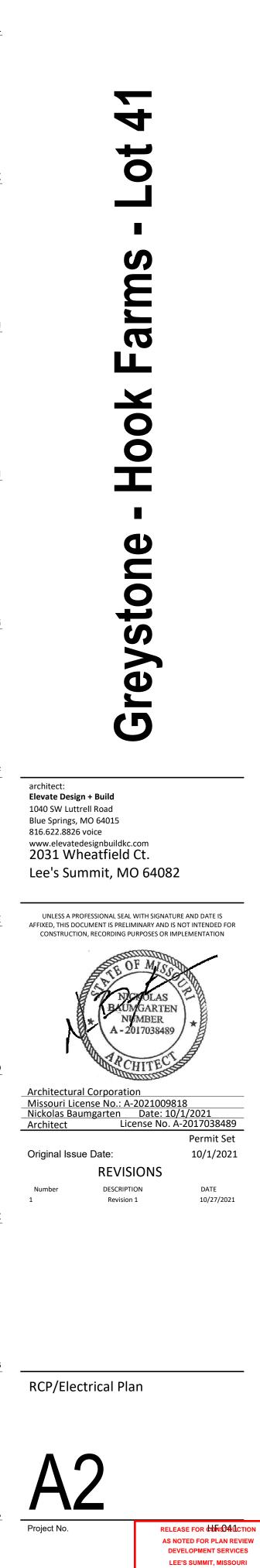
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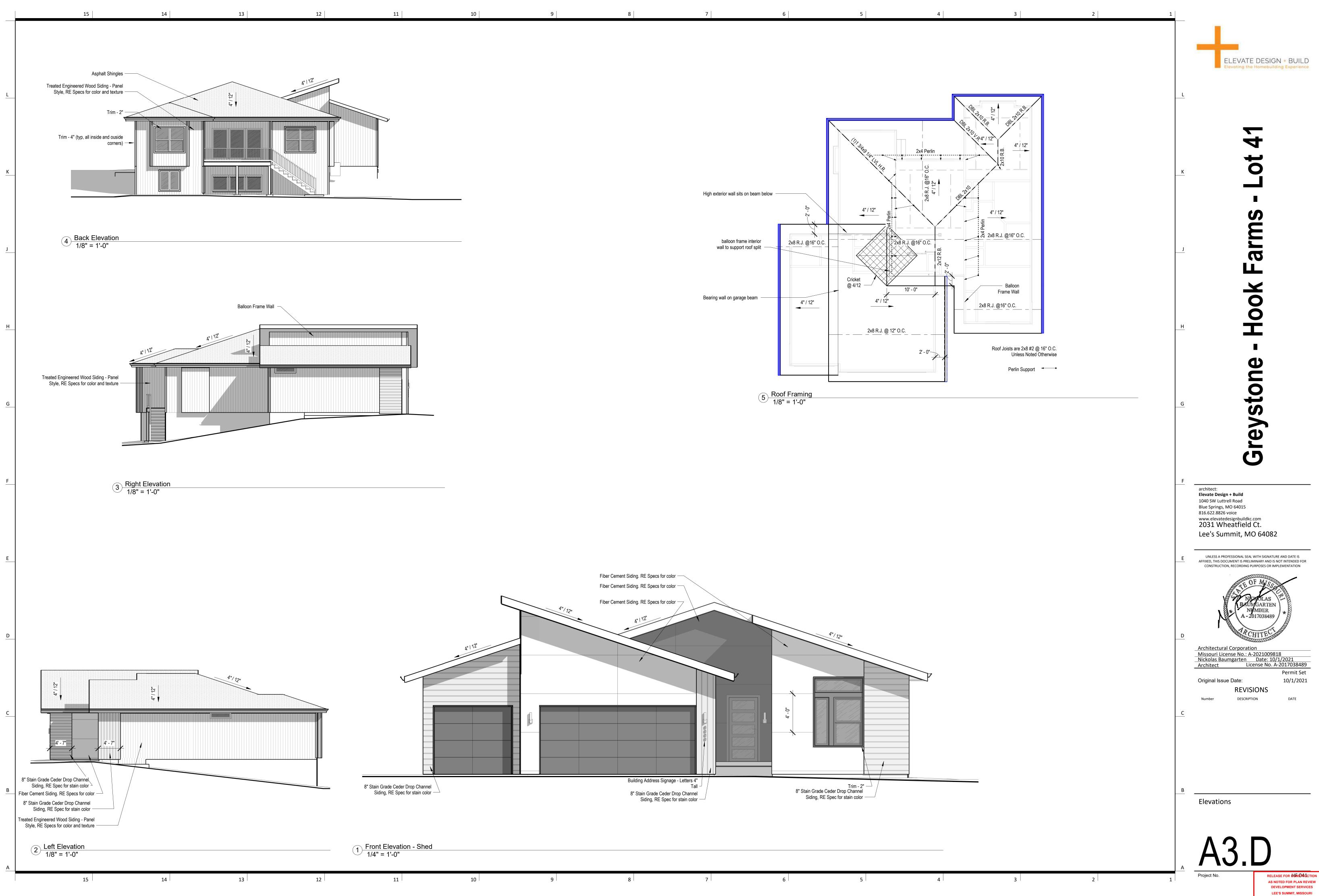
	Lighting Fixture So	chedule
Mark	Description	Type Comments
	1	1
	Ceiling Mounted Exposed Bulb	
	Recessed Can Light - Interior	
	Recessed Can Light - Exterior	
	LED Disk Light	
	Ceiling Fan w/ Light - Surface Mounted	
	Ceiling Fan w/ Light - Down Rod	Mount with 2'-0" Down Rod
	Decorative Pendent Fixture	Mount bottom of fixture 84" AFF
	Decorative Pendent Fixture	Mount bottom of fixture 84" AFF
	Wall Sconce - Exterior	
	Vanity Wall Mounted	
	Vanity Wall Mounted	



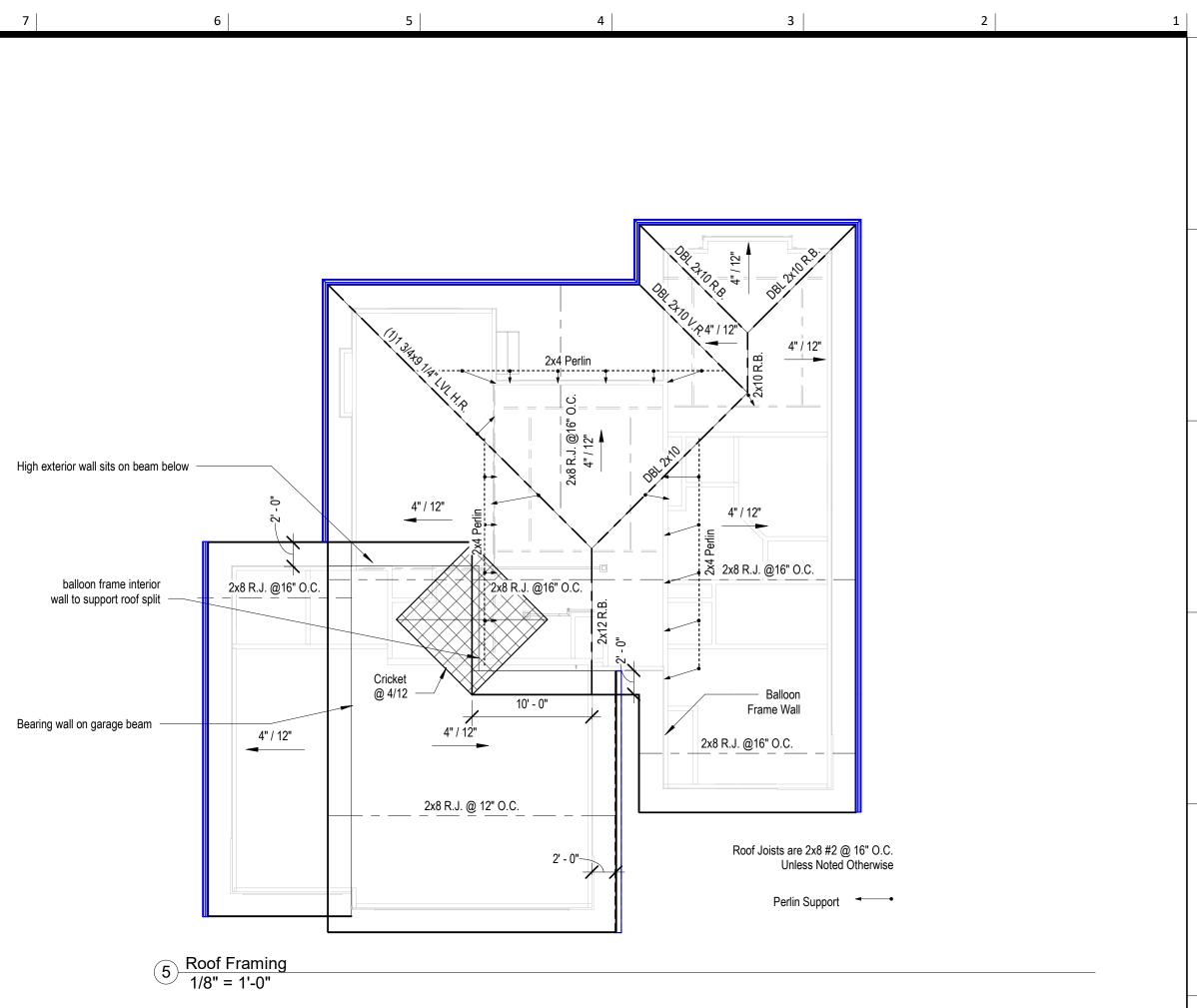


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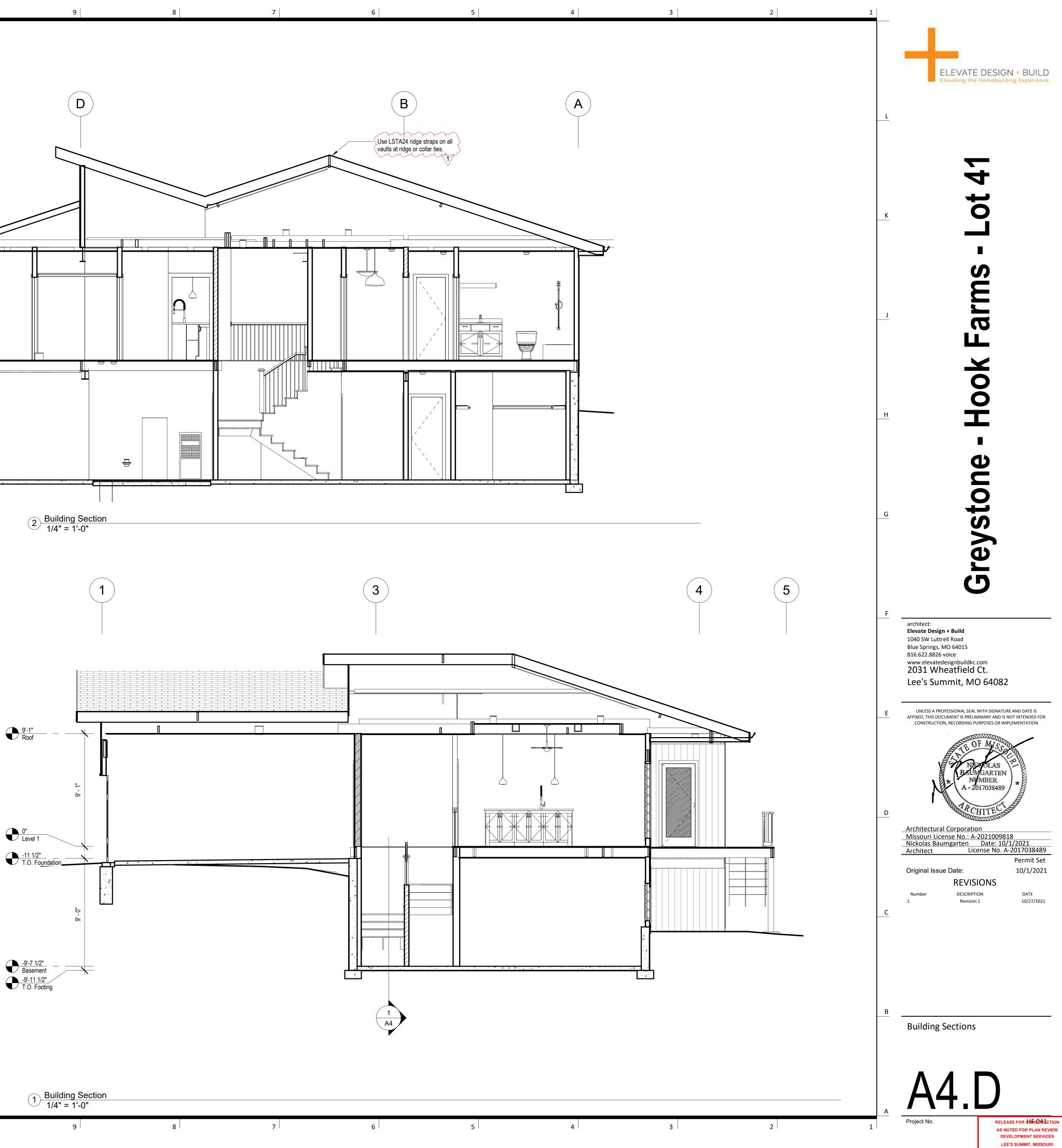


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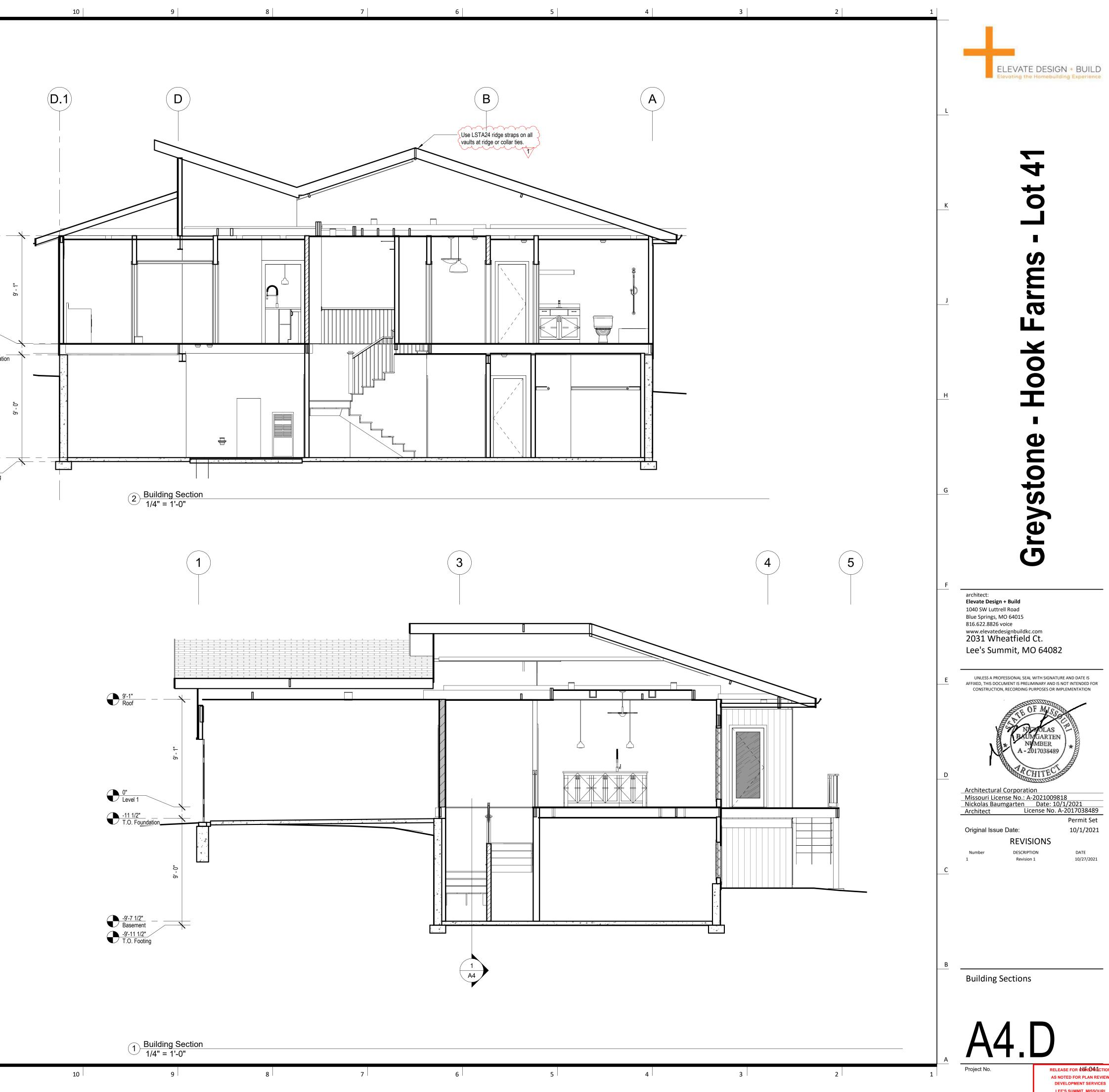
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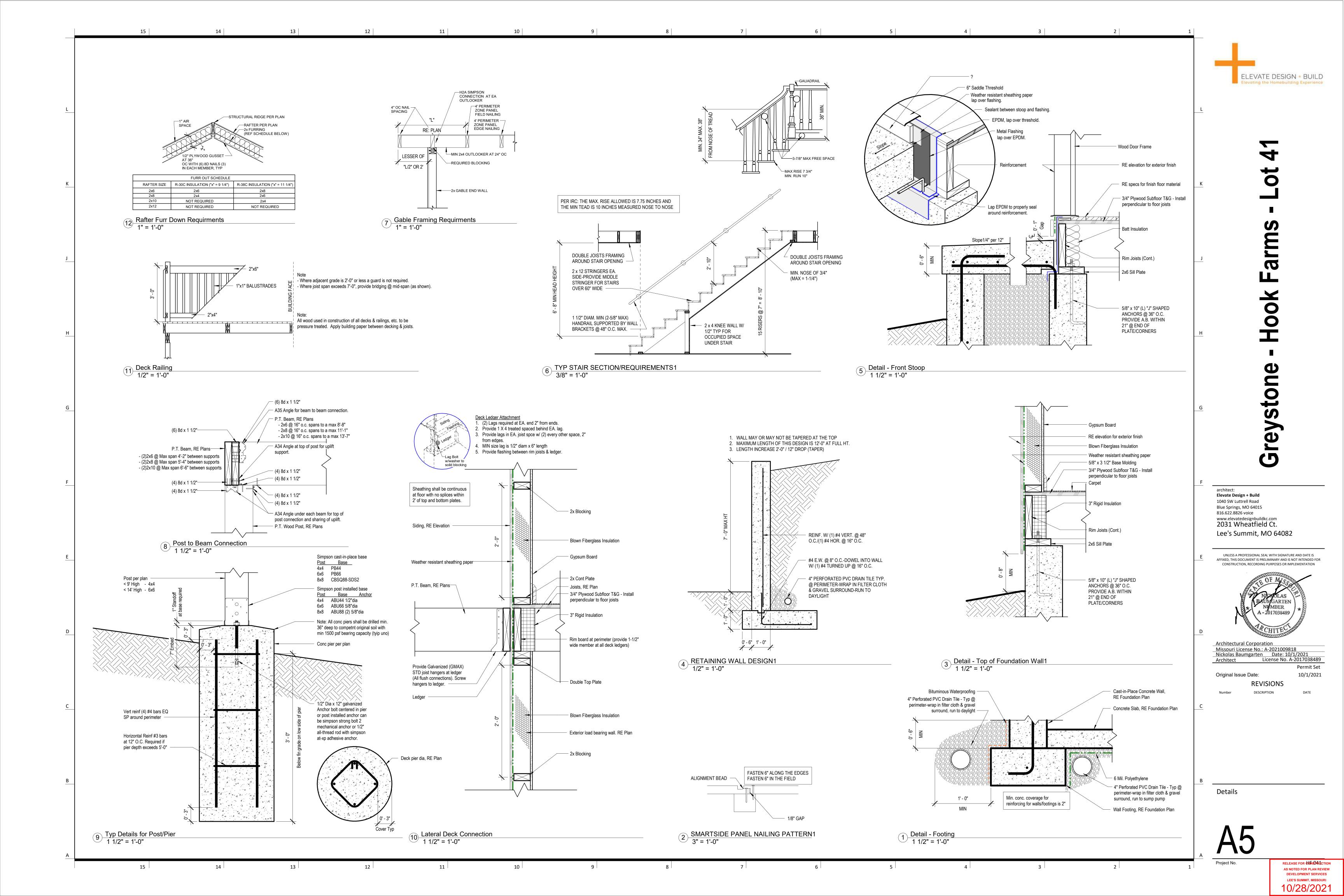
	15	14	13	12	11
<u>L</u>					
К					
					<u>9'-1"</u> — —
J					
					0" Level 1 - <u>11 1/2</u> " T.O. Foundation
					1.0. Foundation
H					
					<u>-9'-7 1/2"</u> Basement <u>-9'-11 1/2"</u> T.O. Footing
G					• <u>-9-11 1/2</u> T.O. Footing
F					
E					
D					
C					
B					
Α					
	15	14	13	12	11

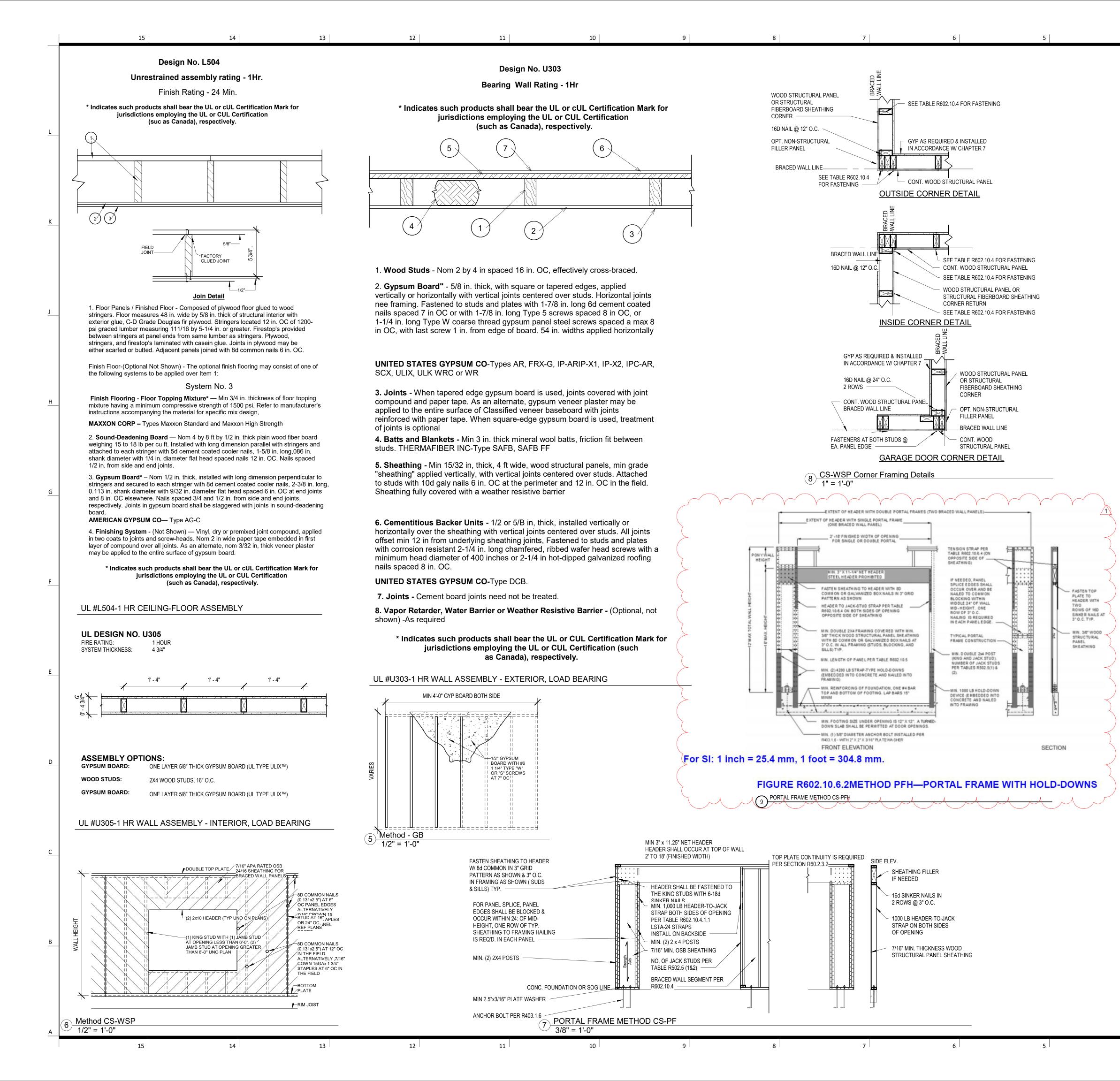
··· 1/4" = 1'-	•				
9	8	7	6	5	

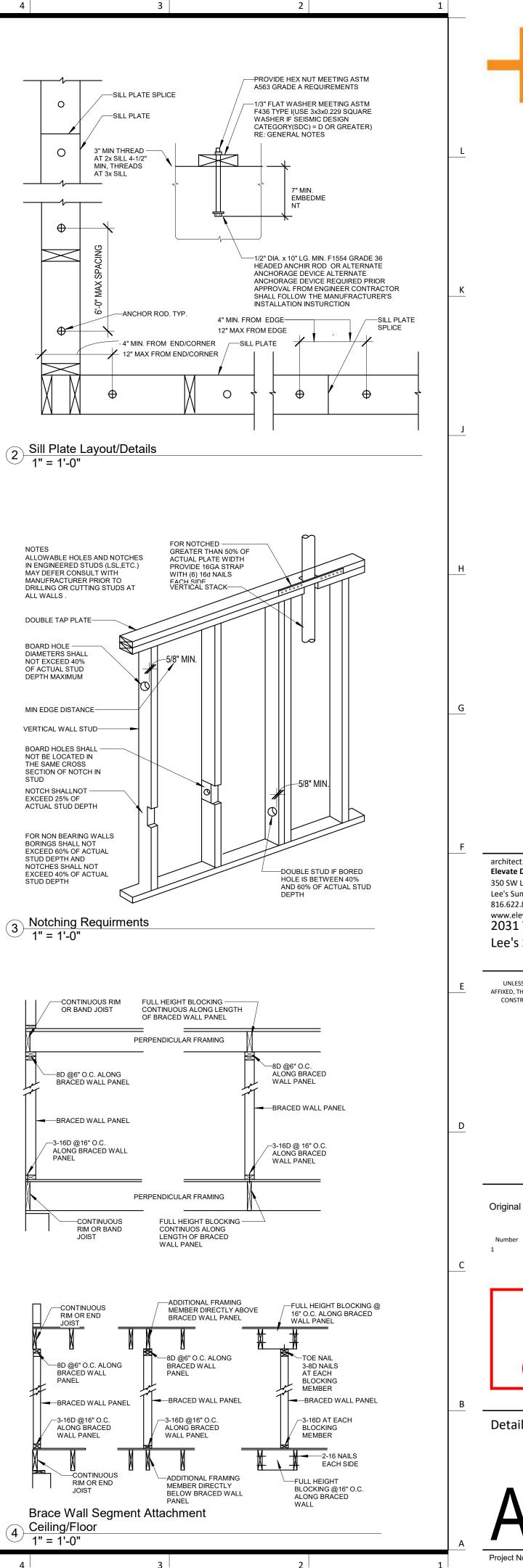


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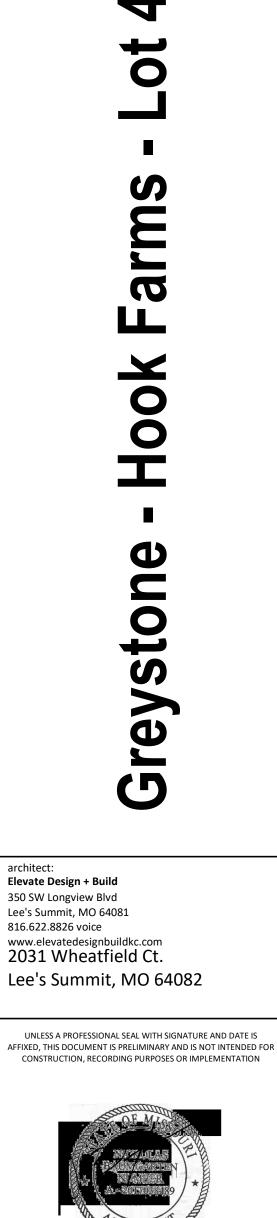


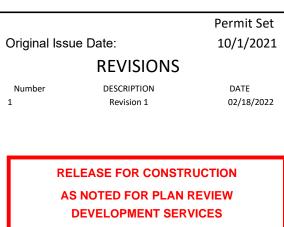






# ELEVATE DESIGN \* BUILD





LEE'S SUMMIT, MISSOURI )2/22/2022

Details

