WOODLAND MASTER PLAN

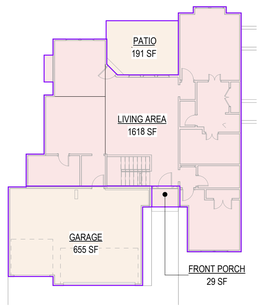
ADDRESS : 2635 SW Tracker Ln, Lees Summit, MO

LOT : HF 139

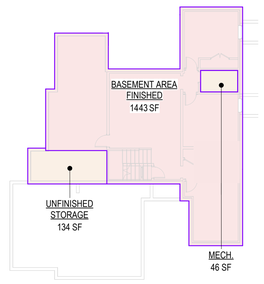
RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
01/12/2026 9:10:50

Brandon Kalwei

Digitally signed by Brandon Kalwei
DN: CN=Brandon Kalwei, OU=Development, OU=LS Users, DC=COLS, DC=LOC
Date: 2026.01.12 09:11:24-06'00'



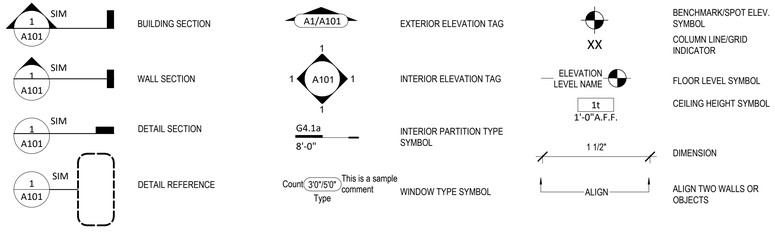
5 Main Level Area Plan
1/16" = 1'-0"



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

FINISHED AREA	
LIVING AREA	1618 SF
BASEMENT AREA FINISHED	1443 SF
FINISHED	3061 SF

UN-FINISHED AREA	
GARAGE	655 SF
UNFINISHED STORAGE	134 SF
MECH.	45 SF
FRONT PORCH	29 SF
CONCRETE PATIO	191 SF
UNFINISHED	1054 SF



General Information

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,#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 802.11
16. DASMA 115 MPH Rated Garage doors
17. Compliant with the Physical Security Ordinance in the Kansas City Building and Rehabilitation Code, section 329 (Information Bulletin 161).
18. Compliant with the requirements of section 308 of the 2018 IRC for safety glazing.
19. Studs will be continuous from floor to ceiling diaphragm/Roof as per 2018 IRC 602.3

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

Sheet List

ELEVATE DESIGN + BUILD
Elevating the Homebuilding Experience

WOODLAND MASTER PLAN

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

SEPTEMBER 25, 2025

Original Issue Date: 24/03/27

REVISIONS

Number	Description	Date

PLAN DESCRIPTION: Cover

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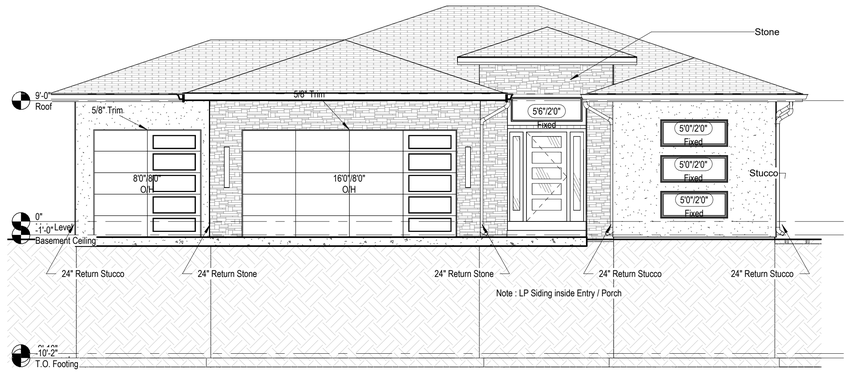
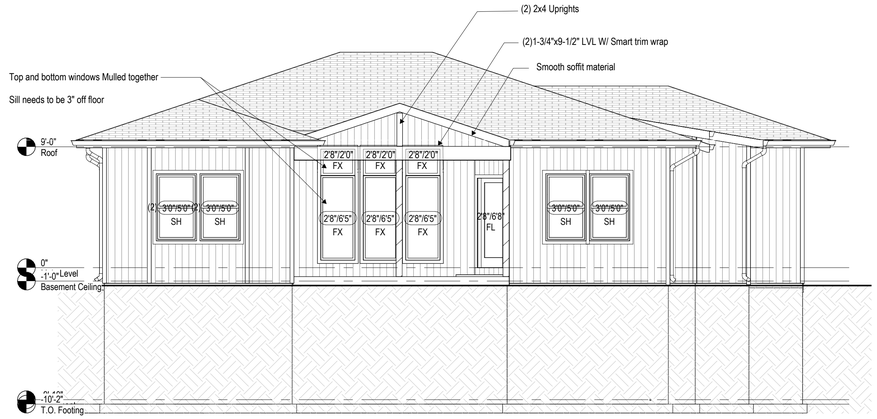
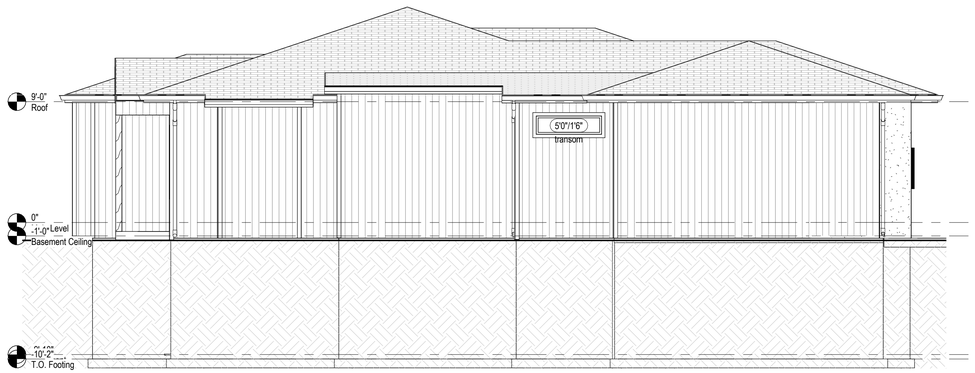
Project No. -



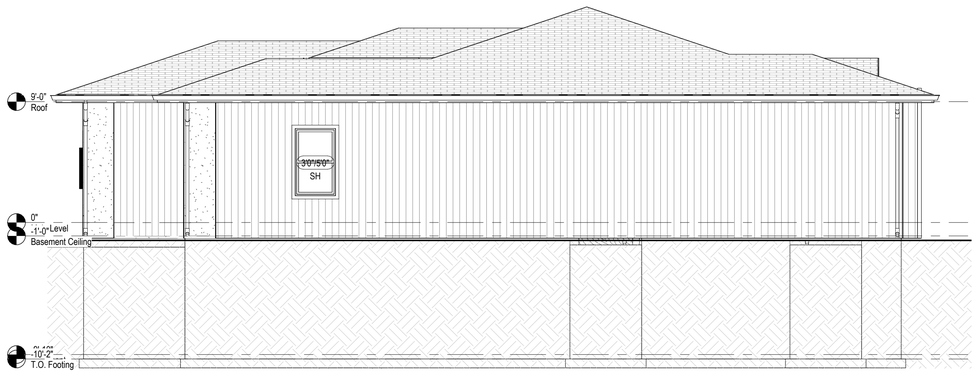
1 Front elevation - Modern - Stone - alternate 3 stack window option
3/16" = 1'-0"



3 Rear Elevation -Modern - Full Basement
3/16" = 1'-0"



2 Right Elevation - Modern - Full Basement
3/16" = 1'-0"



1 Left Elevation - Modern - Full Basement
3/16" = 1'-0"

ELEVATE DESIGN + BUILD
Elevating the Homebuilding Experience

WOODLAND MASTER PLAN

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

STATE OF MISSOURI
AARON M. BROOKS
NUMBER A-7215
REGISTERED ARCHITECT

SEPTEMBER 25, 2025

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT

Lot : HF139
Address: 2146 SW Tracker Ln
Lees Summit, MO

DRAWING TITLE

Side Elevations - Modern - Full Basement

DATE ISSUED

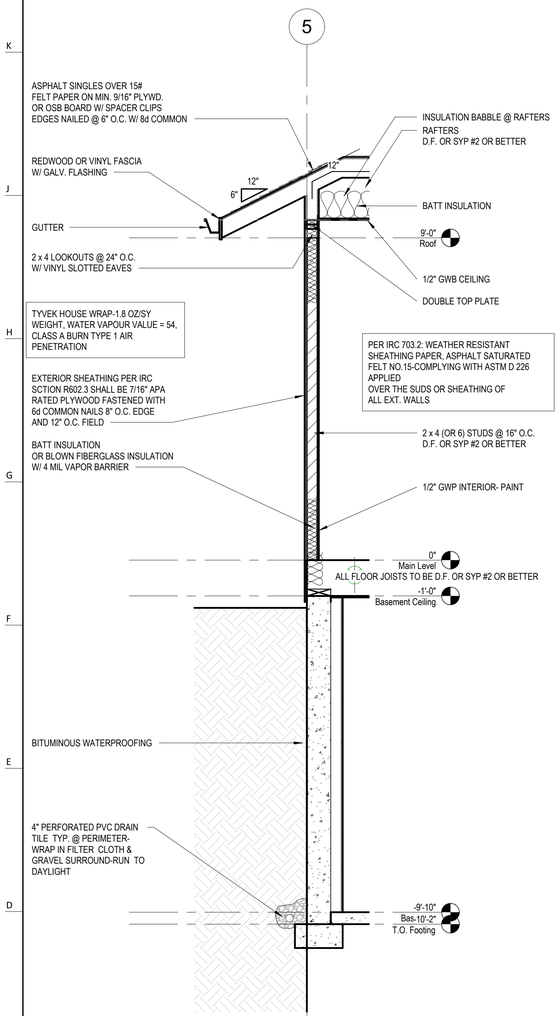
DRAWING NUMBER

A301.2

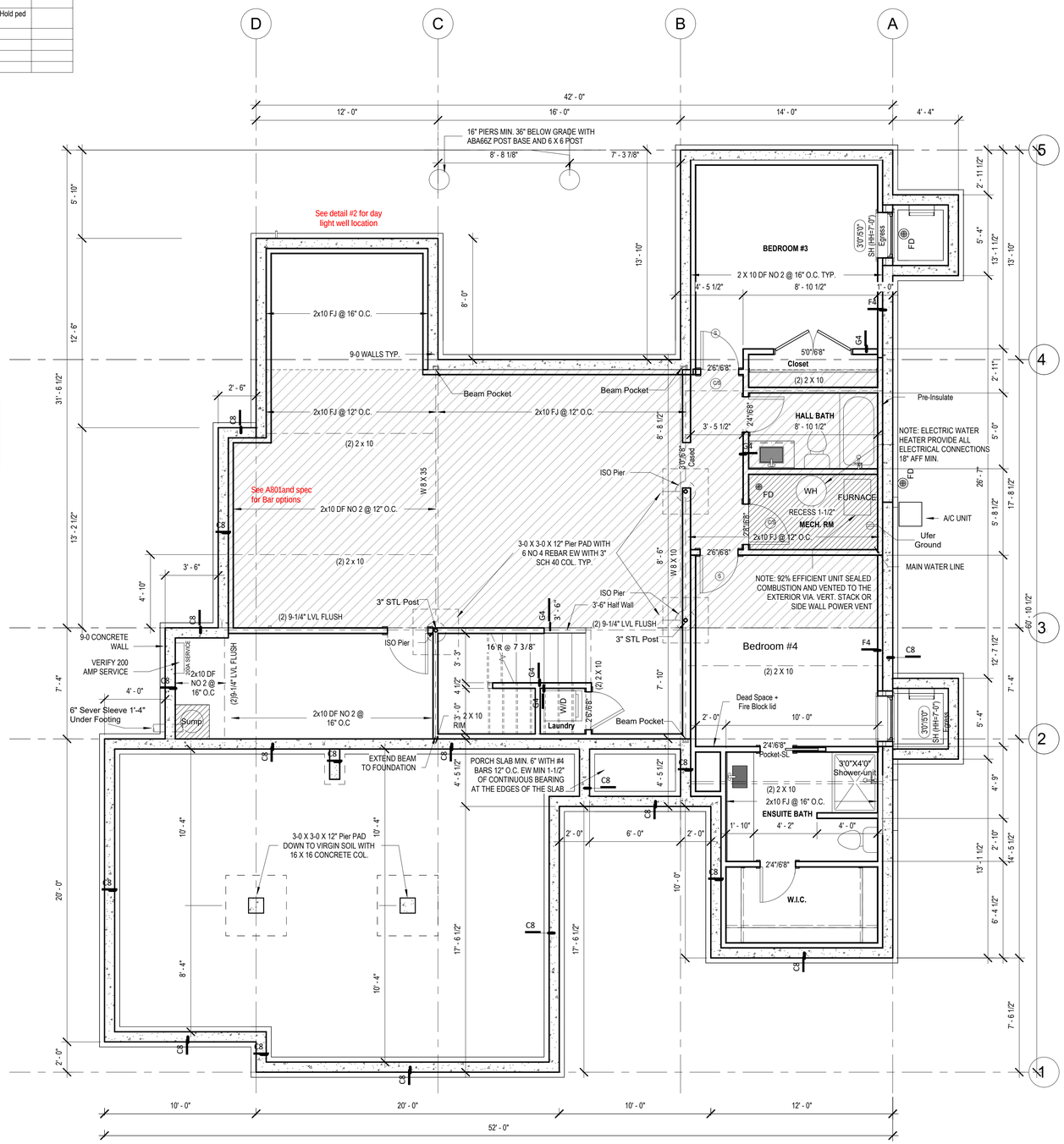
Structural Foundation Schedule					
Type	Width	Length	Depth	Reinforcing	Comments
Footing					
F0	2'-6"	2'-6"	1'-0"	Reinf w/ (6) #4's, rebar count is each way, equal centers	
F1	3'-0"	3'-0"	1'-0"	Reinf w/ (6) #4's, rebar count is each way, equal centers	
F2	3'-6"	3'-6"	1'-2"	Reinf w/ (6) #4's, rebar count is each way, equal centers	
F4	4'-0"	4'-0"	1'-0"	Reinf w/ (8) #4's, rebar count is each way, equal centers. (8) #4's, vertical rebar count in ped column. Hold ped down 12" Min below gar. door block-down and/or bottom of slab.	
Foundation - Round					
F3	1'-4"	1'-4"	3'-0"	ABA66Z Post Base. Refer to Detail for Reinforcing.	
Wall Foundation					
FTG-1	1'-4"	<varies>	8"	Reinf w/ (2) #4 bot. eq. spaced. Dowel into wall w/ (1) #4 turned up @ 12" o.c.	

Slab Schedule		
Type	Type	Description
Concrete Slab - 4"	S.4	4" MIN CONC SLAB REINF. W/ #4'S E.W. @ 24" O.C. OVER COMPACTED FILL AND GRAVEL
Concrete Slab - 6"	S.6	6" MIN CONC SLAB REINF. W/ #4'S E.W. @ 12" O.C. OVER COMPACTED FILL AND GRAVEL
Concrete Slab - 8"	S.8	8" MIN CONC SLAB REINF. W/ #4'S E.W. @ 12" O.C. OVER COMPACTED FILL AND GRAVEL

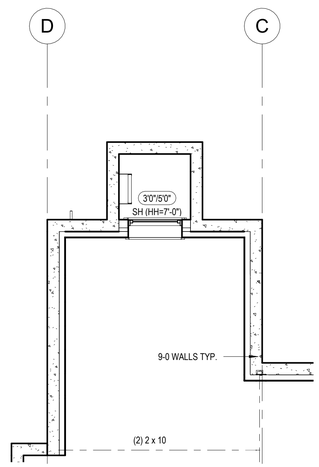
Foundation Wall Schedule			
Type	Width	Reinforcing	Comments
C8	8"	Reinf. w/ #4 vert. @ 12" oc./ (3) #4 hor. equally spaced.	



3 Wall Section
1/2" = 1'-0"



1 Basement Floor Plan Full Basement - Ensuite option - Ext. Rec Room
1/4" = 1'-0"



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

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 OUTWARD.

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 & LATCH.
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:
1. 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 8'-0" O.C.

GYPSUM BOARD:
1. 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" PLAT FORMS WHEN 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. 14 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
3. RECEPT. IN THE FOLLOWING LOCATIONS SHALL BE GFCI PROTECTED:
   a. BEDROOM, KITCHEN (WITH 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 RECEPT.

EXTERIOR WALL FRAMING
1. BOTTOM SILL PLATES SHALL BE PRESSURE TREATED OR EQUAL
2. SILL PLATES SHALL BEAR/EXTEND MIN. 6-INCHES ABOVE GRADE
3. 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 STUDS

ROOF FRAMING
1. ALL ROOF EAVES/OVERHANGS TO BE 16" - UNO
2. ALL JOISTS & RAFTERS TO BE ALIGNED OVER SUDS
3. 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/ GAL'V. SPACER CLIPS ALONG ALL EDGES - SECURE SHEATHING W/ 8d COMMON NAILS TO RAFTERS AT 6" O/C ALL EDGES

UNFINISHED BASEMENT REQUIREMENTS
1. 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 FLOOR/CEILING (MIN R-19)
4. 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
1. 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
1. EXT. WALL FRAMING TO BE 2 x 4 (SYP OR DFL STUD GRADE 2 OR BETTER) @ 16" O.C.
2. ROOF SHEATHING TO BE 7/16" OSB NAILED W/ 8d @ 6" O.C. PANEL INDEX 240; PROVIDE CLIPS AT UNSUPPORTED PANEL EDGES
3. 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

ELEVATE DESIGN + BUILD
Elevating the Homebuilding Experience

WOODLAND MASTER PLAN

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

SEPTEMBER 25, 2025

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT

DRAWING TITLE
Basemenet Floor Plan - Full Basement - Ensuite Basement option - Ext. Rec Room Copy 1

DATE ISSUED

NORTH

DRAWING NUMBER

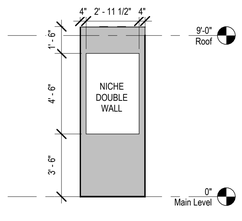
A502.1

NOTE:

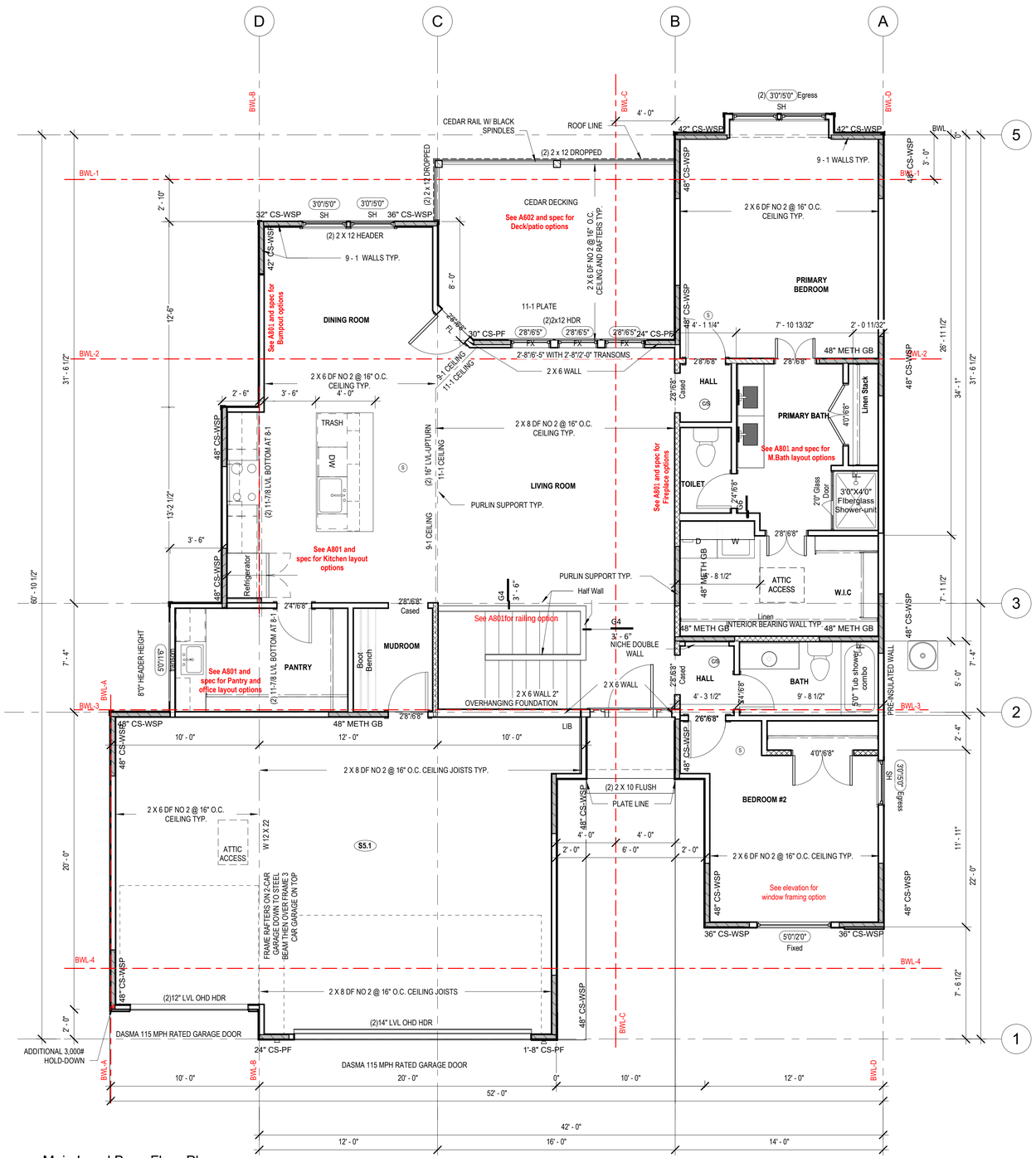
* ALL 8/0 high doors on Main floor.

* Main Entry Door Configuration: 3/0x8/0 Door W/ 5/6x1/4 Transom

* All window Header heights @ 8/0



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



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

General Notes:

DOORS AND WINDOW
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2. SHOWER DOORS SHALL HAVE SAFETY GLAZING. HINGED SHOWER DOORS SHALL SWING OUTWARD.

GARAGES:
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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:
1. 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. 18" x 10" SOFFIT VENTS ALONG EAVE SPACED EVENLY W/ NO MORE THAN 8'-0" O.C.

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3. 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 6d COMMON @ 6" O.C. ALONG EDGES & 6d COMMONS @ 12" O.C. @ INTERMEDIATE STUDS

ROOF FRAMING
1. ALL ROOF EAVES/OVERHANGS TO BE 16" - UNO
2. ALL JOISTS & RAFTERS TO BE ALIGNED OVER SUDS
3. 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/ 6d COMMON NAILS TO RAFTERS AT 6" OC'S AT ALL EDGES

UNFINISHED BASEMENT REQUIREMENTS
1. 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 FLOOR/CEILING (MIN R-19)
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WOOD FRAMING, FLOORS AND ROOF NOTES
1. EXT. WALL FRAMING TO BE 2 x 4 (SYP OR DFL STUD GRADE 2 OR BETTER) @ 16" 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
3. 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 @ 18" 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. T.#.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

WOODLAND MASTER PLAN

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350 SW Longview Blvd
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816.622.8826 voice
www.elevatedesignbuildkc.com

STATE OF MISSOURI
AARON M. BROOKS
NUMBER A-7215
REGISTERED ARCHITECT

SEPTEMBER 25, 2025

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT

Lot : HF139
Address: 2146 SW Tracker Ln
Lees Summit, MO

DRAWING TITLE

Floor Plan -Main Level

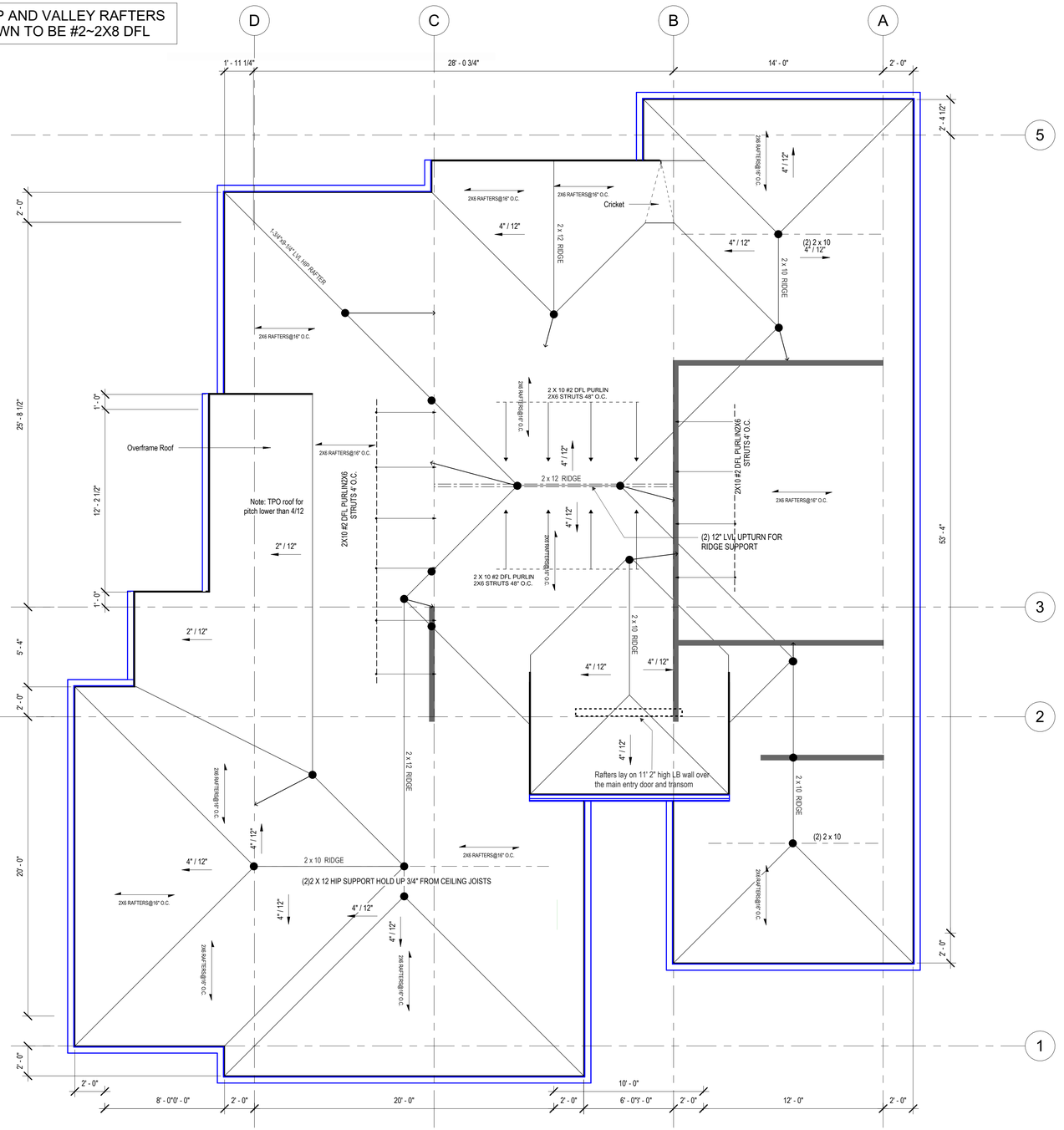
DATE ISSUED

NORTH

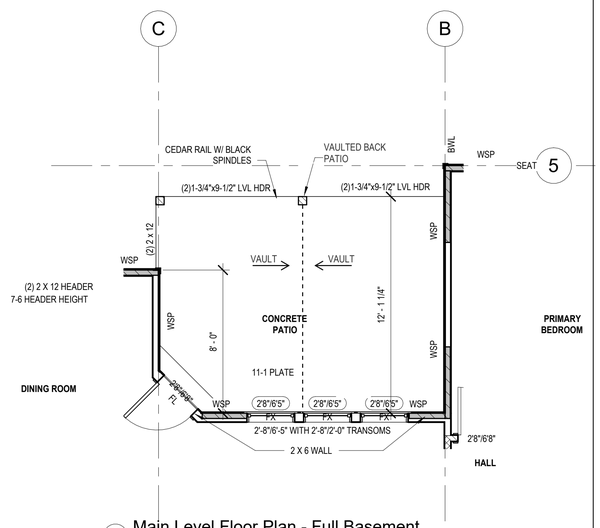
DRAWING NUMBER

A601.1

ALL HIP AND VALLEY RAFTERS SHOWN TO BE #2~2X8 DFL



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



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

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SEPTEMBER 25, 2025

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT

Lot : HF139
Address: 2146 SW Tracker Ln
Lees Summit, MO

DRAWING TITLE

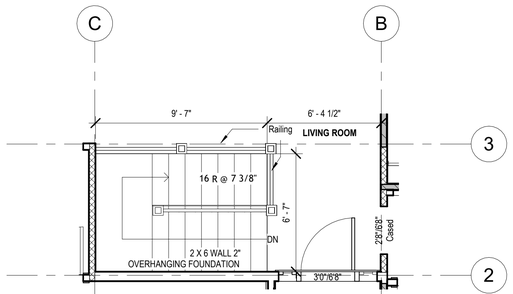
Floor Plan -Main Level -Full Basement & Daylight Options

DATE ISSUED

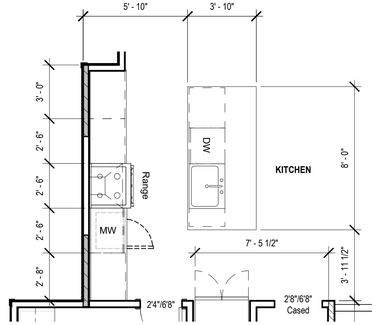
NORTH

DRAWING NUMBER

A602



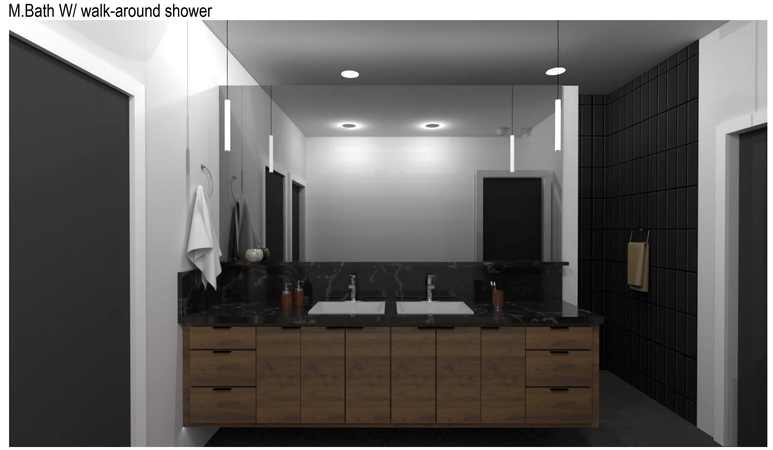
10 Main Level Stair Railing - Design
1/4" = 1'-0"

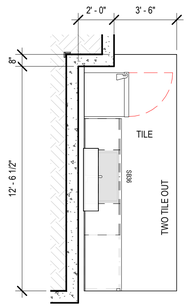


3 Kitchen - Design
1/4" = 1'-0"

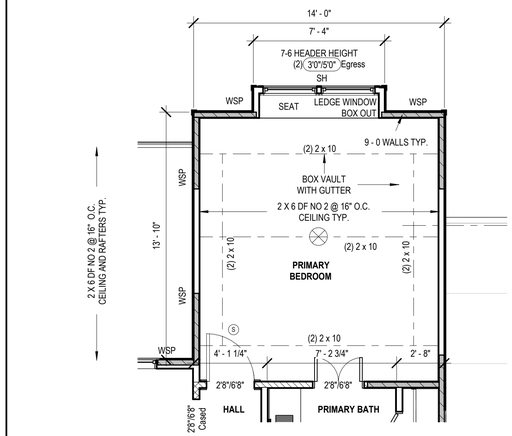
Kitchen W/ inbuilt Oven + Micro

M.Bath W/ walk-around shower

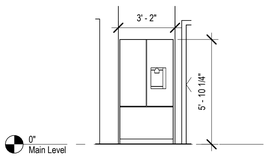




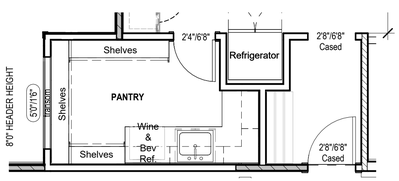
12 Basement Kitchen - Design
1/4" = 1'-0"



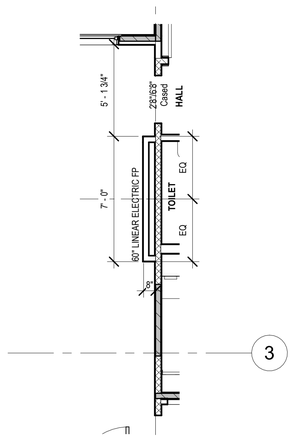
1 Primary Bedroom - BOX Vault option
1/4" = 1'-0"



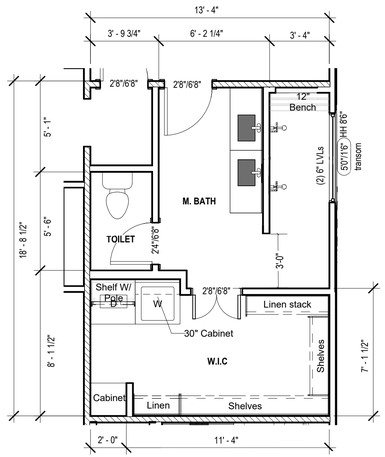
13 Kitchen Ref. elevation
1/4" = 1'-0"



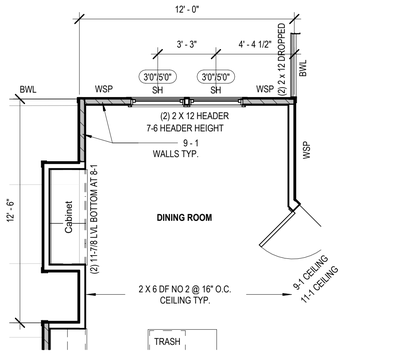
1 Pantry Option
1/4" = 1'-0"



9 Main Level Fire Place - Design
1/4" = 1'-0"



7 Master Bath & W.I.C Option 2
1/4" = 1'-0"



2 Main Level Dining Bump-Out Plan
1/4" = 1'-0"

WOODLAND MASTER PLAN

architect:
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STATE OF MISSOURI
JASON R. BRADY
NUMBER A-7215
REGISTERED ARCHITECT

SEPTEMBER 25, 2025

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT

Lot : HF139
Address: 2146 SW Tracker Ln
Lees Summit, MO

DRAWING TITLE

POD Options

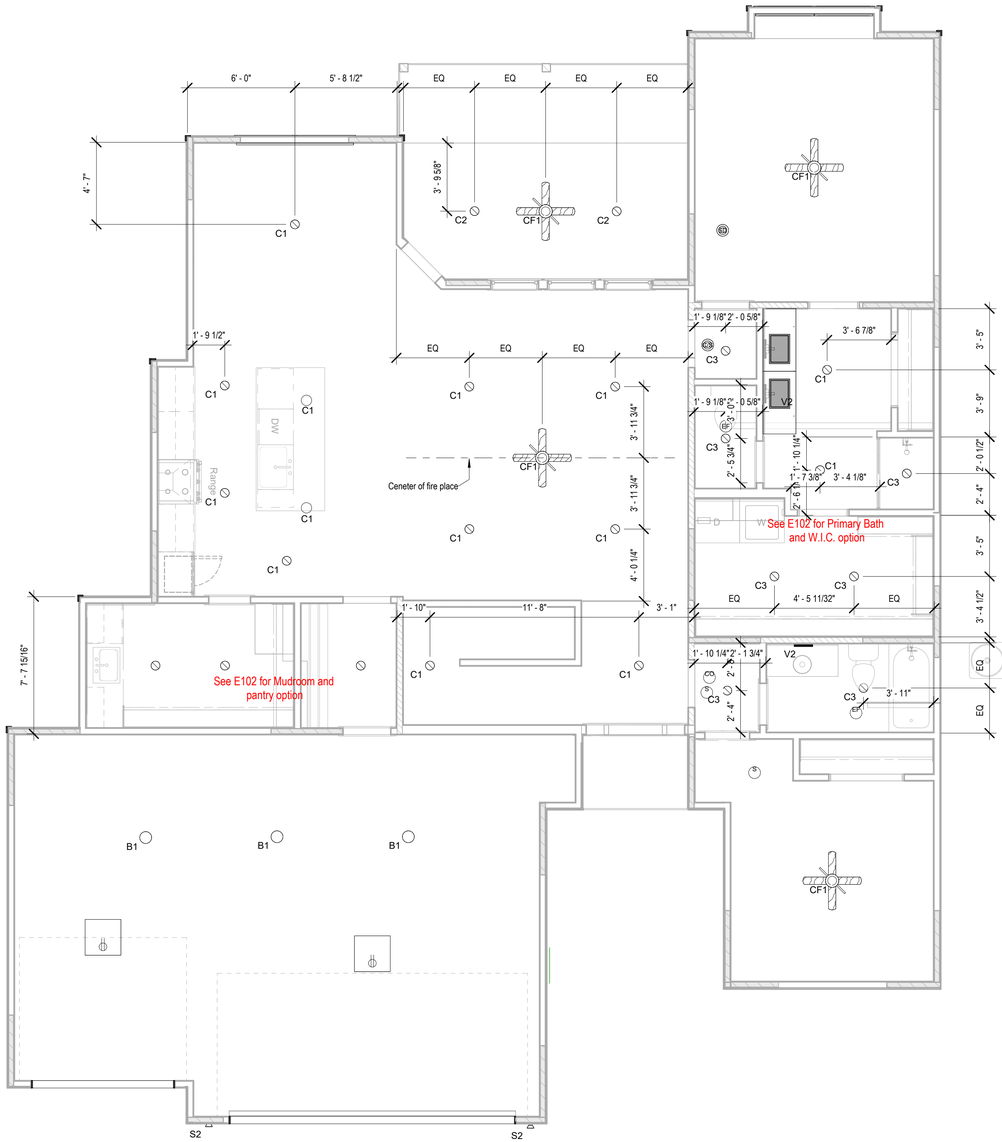
DATE ISSUED

NORTH

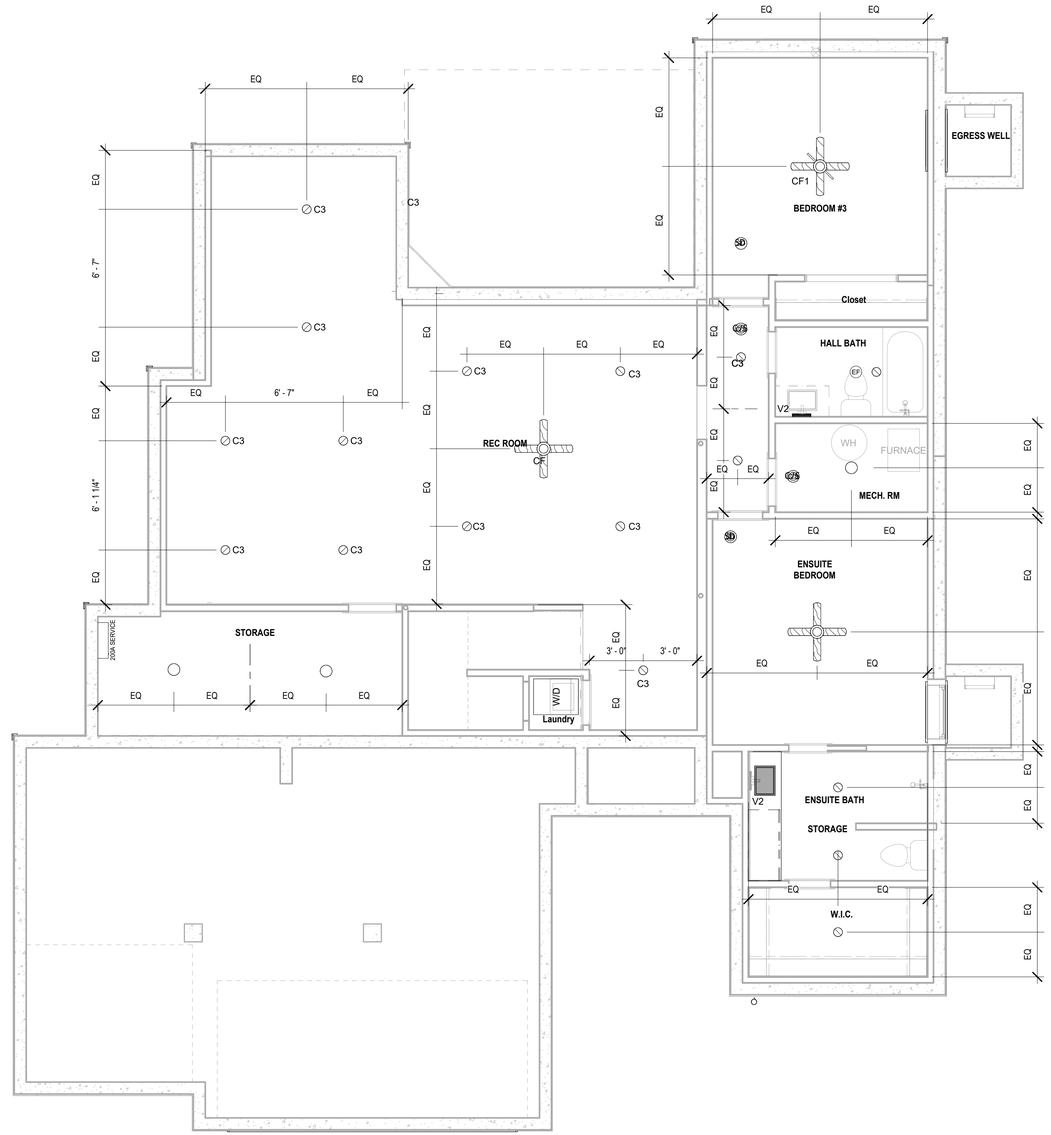
DRAWING NUMBER

A801

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 Pendent Fixture	Mount bottom of fixture 84" AFF
S2	Vanity Wall Mounted	
V2	Vanity Wall Mounted	Mount bottom of fixture 84" AFF



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



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

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SEPTEMBER 25, 2025

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT

Lot : HF139
Address: 2146 SW Tracker Ln
Lees Summit, MO

DRAWING TITLE

RCP/Electrical Plan

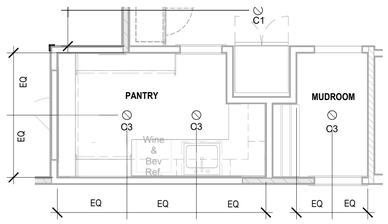
DATE ISSUED

NORTH

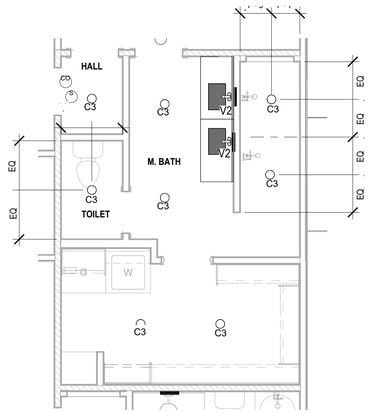
DRAWING NUMBER

E101

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 Pendent Fixture	Mount bottom of fixture 84" AFF
S2	Vanity Wall Mounted	
V2	Vanity Wall Mounted	Mount bottom of fixture 84" AFF



2 Pantry Lighting
1/4" = 1'-0"



7 Master Bath Lighting
1/4" = 1'-0"

WOODLAND MASTER PLAN

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Lot : HF139
Address: 2146 SW Tracker Ln
Lees Summit, MO

DRAWING TITLE

RCP/Electrical Plan

DATE ISSUED

NORTH

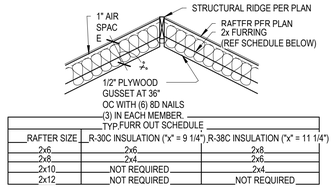
DRAWING NUMBER

E102

G:\Shared drives\106 - Architecture\02 - Master Plan\Woodland 6\02-Working Files\Revit Central File\Woodland

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
01/12/2026 9:10:51

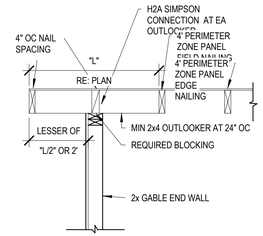
WOODLAND MASTER PLAN



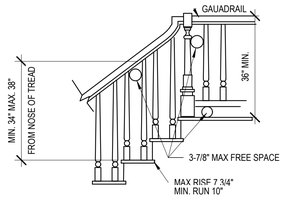
TYP.FURR OUT SCHEDULE

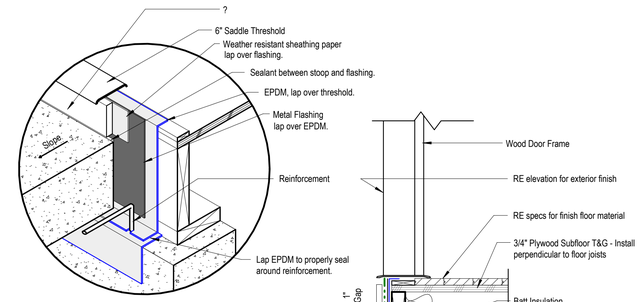
RAFTER SIZE	R-30C INSULATION ("x" = 9 1/4")	R-38C INSULATION ("x" = 11 1/4")
2x6	2x6	2x8
2x8	2x4	2x6
2x10	NOT REQUIRED	2x4
2x12	NOT REQUIRED	NOT REQUIRED

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

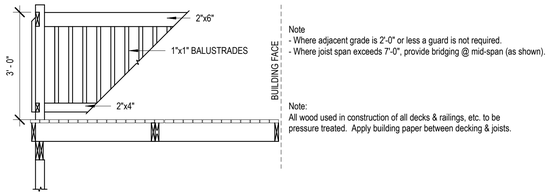


10 Gable Framing Requirments
1" = 1'-0"





12 Detail - Front Stoop
1 1/2" = 1'-0"

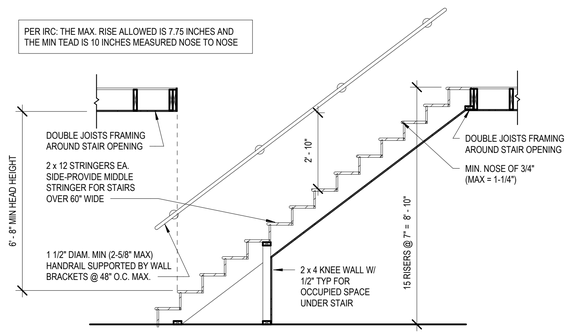


Note
- Where adjacent grade is 2'-0" or less a guard is not required.
- Where joist span exceeds 7'-0", provide bridging @ mid-span (as shown).

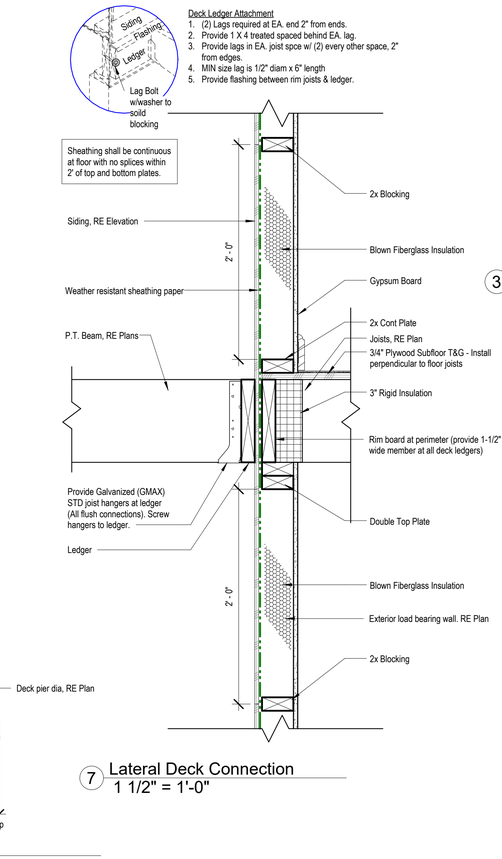
Note:
All wood used in construction of all decks & railings, etc. to be pressure treated. Apply building paper between decking & joists.

9 Deck Railing
1/2" = 1'-0"

PER IRC: THE MAX. RISE ALLOWED IS 7.75 INCHES AND THE MIN TEAD IS 10 INCHES MEASURED NOSE TO NOSE

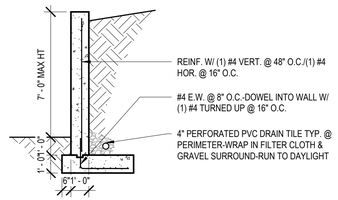


1 TYP STAIR SECTION/REQUIREMENTS
3/8" = 1'-0"

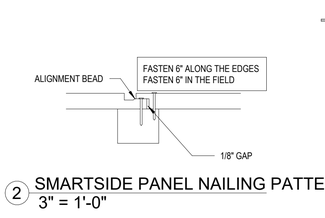


7 Lateral Deck Connection
1 1/2" = 1'-0"

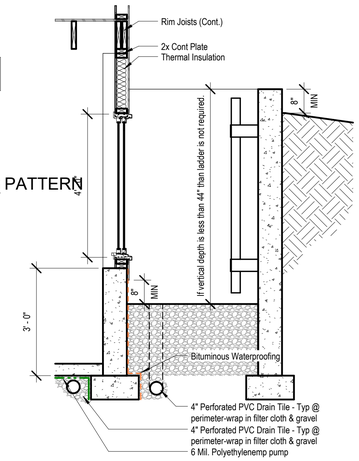
1. WALL MAY OR MAY NOT BE TAPERED AT THE TOP
2. MAXIMUM LENGTH OF THIS DESIGN IS 12'-0" AT FULL HT.
3. LENGTH INCREASE 2'-0" / 12" DROP (TAPER)

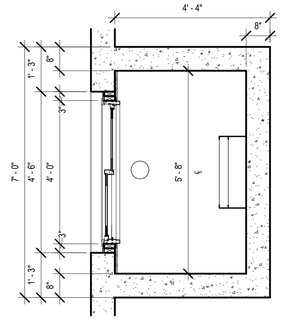


3 RETAINING WALL DESIGN1
1/4" = 1'-0"

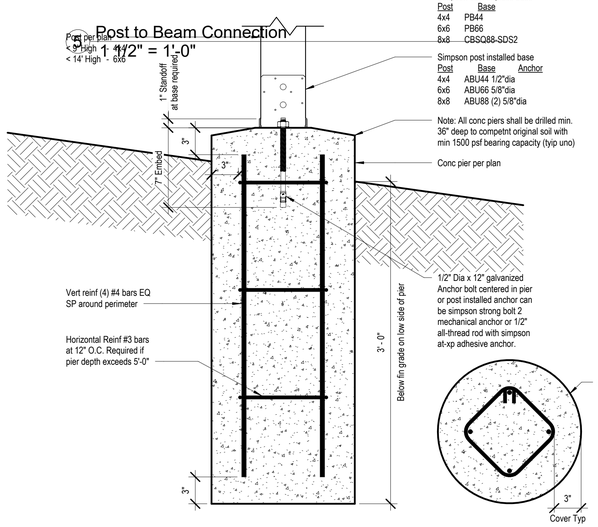


2 SMARTSIDE PANEL NAILING PATTERN
3" = 1'-0"



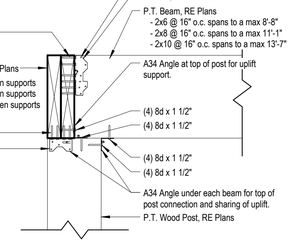


13 Detail - Window Well
1/2" = 1'-0"



5 Post to Beam Connection
1 1/2" = 1'-0"

6 Typ Details for Post/Pier1
1 1/2" = 1'-0"



4 Detail - Top of Foundation Wall
1 1/2" = 1'-0"

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SEPTEMBER 25, 2025

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT

Lot : HF139
Address: 2146 SW Tracker Ln
Lees Summit, MO

DRAWING TITLE

Details

DATE ISSUED

NORTH

DRAWING NUMBER

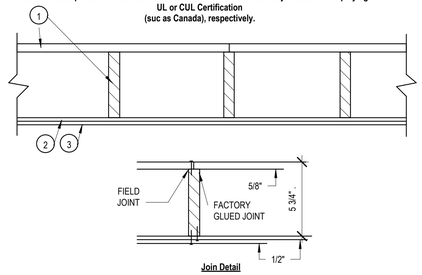
A901

Design No. L504

Unrestrained assembly rating - 1Hr.

Finish Rating - 24 Min.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or CUL Certification (suc as Canada), respectively.**



Join Detail

1. Floor Panels / Finished Floor - Composed of plywood floor glued to wood stringers. Floor measures 48 in. wide by 5/8 in. thick of structural interior with exterior glue, C-D Grade Douglas fir plywood. Stringers located 12 in. OC of 1200-psi graded lumber measuring 111/16 by 5-1/4 in. or greater. Firestop's provided between stringers at panel ends from same lumber as stringers. Plywood, stringers, and firestop's laminated with casein glue. Joints in plywood may be either scarfed or butted. Adjacent panels joined with 8d common nails 6 in. OC.

Finish Floor-(Optional Not Shown) - The optional finish flooring may consist of one of the following systems to be applied over Item 1:

System No. 3

Finish Flooring - Floor Topping Mixture* — Min 3/4 in. thickness of floor topping mixture having a minimum compressive strength of 1500 psi. Refer to manufacturer's instructions accompanying the material for specific mix design,

MAXXON CORP – Types Maxxon Standard and Maxxon High Strength

2. **Sound-Deadening Board** — Nom 4 by 8 ft by 1/2 in. thick plain wood fiber board weighing 15 to 18 lb per cu ft. Installed with long dimension parallel with stringers and attached to each stringer with 5d cement coated cooler nails, 1-5/8 in. long,086 in. shank diameter with 1/4 in. diameter flat head spaced nails 12 in. OC. Nails spaced 1/2 in. from side and end joints.

3. **Gypsum Board*** – Nom 1/2 in. thick, installed with long dimension perpendicular to stringers and secured to each stringer with 8d cement coated cooler nails, 2-3/8 in. long, 0.113 in. shank diameter with 9/32 in. diameter flat head spaced 6 in. OC at end joints and 8 in. OC elsewhere. Nails spaced 3/4 and 1/2 in. from side and end joints, respectively. Joints in gypsum board shall be staggered with joints in sound-deadening board.

AMERICAN GYPSUM CO— Type AG-C

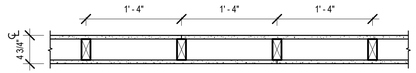
4. **Finishing System** - (Not Shown) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads. Nom 2 in wide paper tape embedded in first layer of compound over all joints. As an alternate, nom 3/32 in, thick veneer plaster may be applied to the entire surface of gypsum board.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or CUL Certification (such as Canada), respectively.**

UL #L504-1 HR CEILING-FLOOR ASSEMBLY

UL DESIGN NO. U305

FIRE RATING 1 HOUR
SYSTEM THICKNESS: 4 3/4"



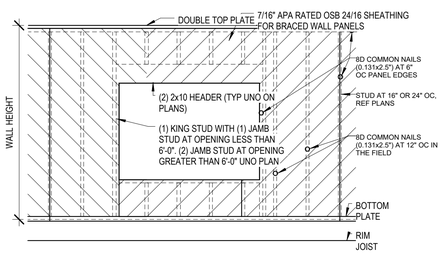
ASSEMBLY OPTIONS:

GYPSUM BOARD: ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™)

WOOD STUDS: 2X4 WOOD STUDS, 16" O.C.

GYPSUM BOARD: ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™)

UL #U305-1 HR WALL ASSEMBLY - INTERIOR, LOAD BEARING



6 Method CS-WSP
1/2" = 1'-0"

Design No. U303

Bearing Wall Rating - 1Hr

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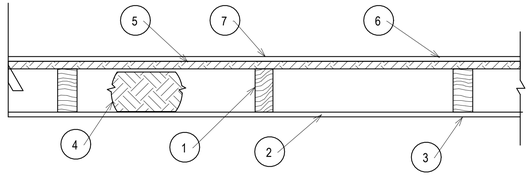


1. **Wood Studs** - Nom 2 by 4 in spaced 16 in. OC, effectively cross-braced.

2. **Gypsum Board"** - 5/8 in. thick, with square or tapered edges, applied vertically or horizontally with vertical joints centered over studs. Horizontal joints nee framing. Fastened to studs and plates with 1-7/8 in. long 6d cement coated nails spaced 7 in OC or with 1-7/8 in. long Type 5 screws spaced 8 in OC, or 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in OC, with last screw 1 in. from edge of board. 54 in. widths applied horizontally

UNITED STATES GYPSUM CO -Types AR, FRX-G, IP-ARIP-X1, IP-X2, IPC-AR, SCX, ULIX, ULK WRC or WR

3. Joints - When tapered edge gypsum board is used, joints covered with joint compound and paper tape. As an alternate, gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with joints reinforced with paper tape. When square-edge gypsum board is used, treatment of joints is optional

4. Batts and Blankets - Min 3 in. thick mineral wool batts, friction fit between studs. THERMAFIBER INC-Type SAFB, SAFB FF

5. Sheathing - Min 15/32 in, thick, 4 ft wide, wood structural panels, min grade "sheathing" applied vertically, with vertical joints centered over studs. Attached to studs with 10d galy nails 6 in. OC at the perimeter and 12 in. OC in the field. Sheathing fully covered with a weather resistive barrier

6. Cementitious Backer Units - 1/2 or 5/B in, thick, installed vertically or horizontally over the sheathing with vertical joints centered over studs. All joints offset min 12 in from underlying sheathing joints, Fastened to studs and plates with corrosion resistant 2-1/4 in. long chamfered, ribbed wafer head screws with a minimum head diameter of 400 inches or 2-1/4 in hot-dipped galvanized roofing nails spaced 8 in. OC.

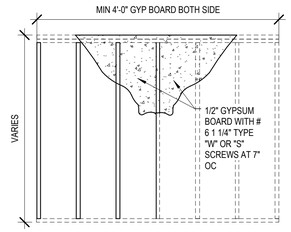
UNITED STATES GYPSUM CO- Type DCB.

7. Joints - Cement board joints need not be treated.

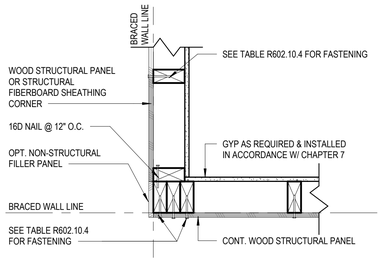
8. Vapor Retarder, Water Barrier or Weather Resistive Barrier - (Optional, not shown) -As required

*** Indicates such products shall bear the UL or CUL Certification Mark for jurisdictions employing the UL or CUL Certification (such as Canada), respectively.**

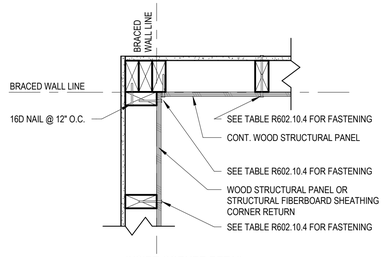
UL #U303-1 HR WALL ASSEMBLY - EXTERIOR, LOAD BEARING



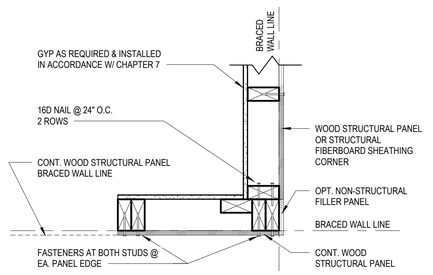
5 Method - GB
1/2" = 1'-0"



OUTSIDE CORNER DETAIL

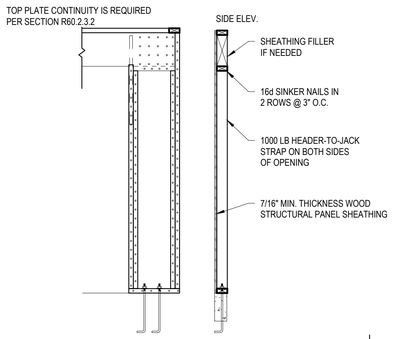


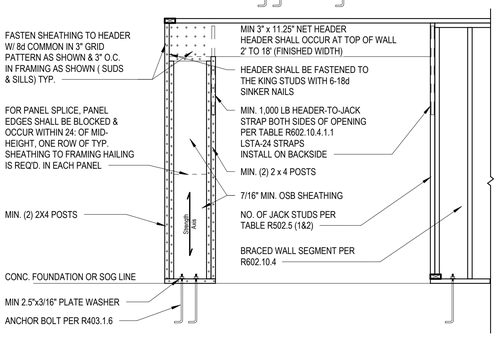
INSIDE CORNER DETAIL



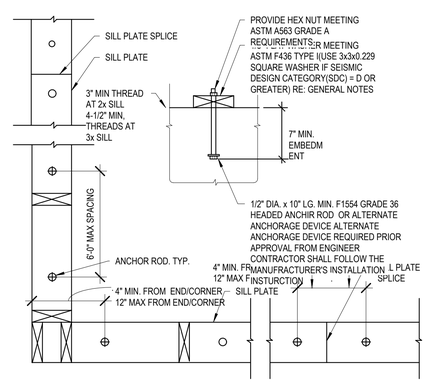
GARAGE DOOR CORNER DETAIL

8 CS-WSP Corner Framing Details
1 1/2" = 1'-0"

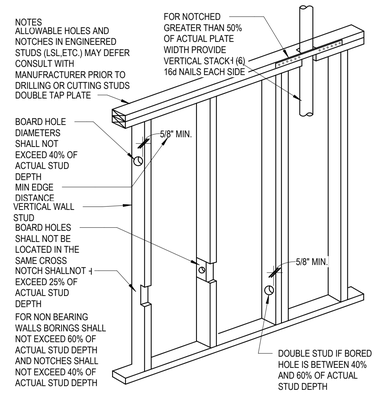




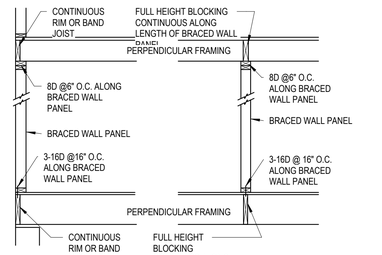
7 PORTAL FRAME METHOD CS-PF
1/2" = 1'-0"

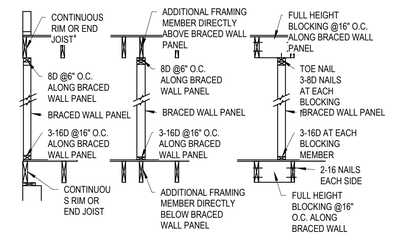


2 Sill Plate Layout/Details
1" = 1'-0"



3 Notching Requirments
1" = 1'-0"





4 Brace Wall Segment Attachment Ceiling/Floor
1" = 1'-0"

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STATE OF MISSOURI JASON R. BRADY NUMBER A-7215 REGISTERED ARCHITECT

SEPTEMBER 25, 2025

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT

Lot : HF139
Address: 2146 SW Tracker Ln
Lees Summit, MO

DRAWING TITLE

Details

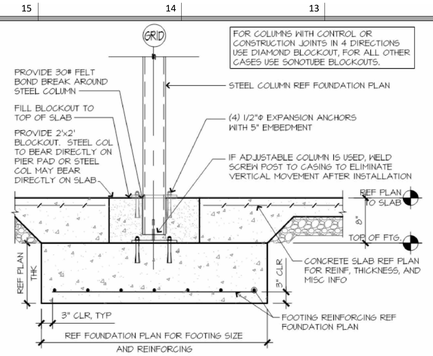
DATE ISSUED

NORTH

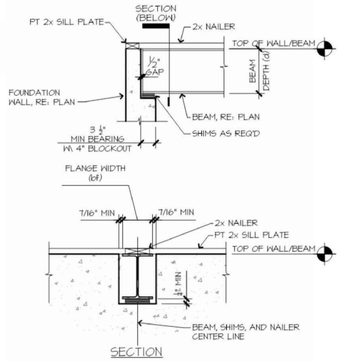
DRAWING NUMBER

A902

G:\Shared drives\206 - Architecture\02 - Master Plan\Woodland 65\01-Working Files\Revit Central File\Woodland



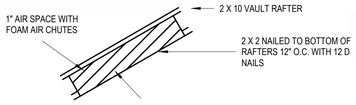
A COLUMN/PAD DETAIL



D BEAM POCKET DETAIL

N.T.S.

VAULT INSULATION DETAIL



ENERGY CONSERVATION CODE THE FOLLOWING VALUES ARE NEEDED.

R-15 IN WALLS

R-49 IN ATTICS

R-38 IN VAULTS
R-30 REDUCTION FOR VAULTS IS ONLY FOR 500SF PF AREA

R-19 IN FLOORS OVER UNCONDITIONED SPACES

R-10 IN CRAWL SPACE WALLS

BASEMENT WALLS R-13 CAVITY OR R-10 CONTINUOUS

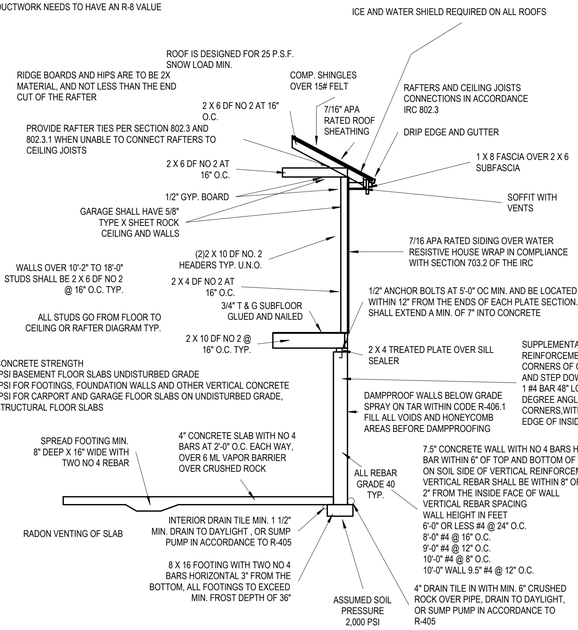
SLABS SHALL BE R-10 FOR A DEPTH OF 2 FEET

A WINDOW U-FACTOR OF .35 OR BETTER

DUCTWORK NEEDS TO HAVE AN R-8 VALUE

INTERCONNECTED HARD WIRED SMOKE DETECTORS SHALL BE INSTALLED IN EACH BEDROOM

ALL PLUMBING IF EXISTING SHALL BE CAPPED AND AIR TESTED PRIOR TO ROUGH-IN INSPECTION FOR LEAK VERIFICATION



TYPICAL WALL SECTION

ALL STAIRS
MAX. RISE 7-3/4"
MIN. RUN 10"

MIN. STAIR HEADROOM 6'-8"

WINDOW SAFETY GLAZING PER 308

SAFETY GLAZING REQUIRED ALONG WALKING SURFACES AND STAIRS LOCATED WITHIN 36" HORIZONTALLY OF THE STEPS.
SAFETY GLAZING REQUIRED IF EXPOSED SINGLE PANELS IS IN EXCESS OF 9 SQUARE FEET OR THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 18 INCHES ABOVE THE FINISHED FLOOR.

SAFETY GLAZING REQUIRED WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN 24 INCHES OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE A WALKING SURFACE, SAFETY OR TEMPERED GLAZING IS REQUIRED.

WINDOWS ARE TO HAVE FALL PROTECTION PER IRC 312.2

WINDOW EGRESS REQUIREMENTS

BEDROOM WINDOW EGRESS MINIMUM FOR A DOULE HUNG WINDOW IS 34" CLEAR WIDTH MIN. AND 24" CLEAR HEIGHT MIN. WITH A CLEAR OPENABLE AREA OF 5.7 SQUARE FEET MIN.
A CASEMENT OR SLIDER WINDOW MIN. IS 20" CLEAR WIDTH MIN. AND 41" CLEAR HEIGHT MIN. WITH A MIN. 5.7 SQUARE FOOT OF OPENABLE AREA.
OPENING OF EGRESS WINDOW NOT MORE THAN 42" FROM THE FLOOR

1. DWELLING / GARAGE OPENINGS BETWEEN GARAGE AND SLEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS SHALL BE EQUIPPED WITH SOLID WOOD OR STEEL DOORS NOT LESS THAN 1-3/8" THICK OR 20 MIN. RATED DOORS, WITH SELF CLOSING DEVICES REQUIRED FOR GARAGE / DWELLING SEPARATION DOORS R302.5.1

2. WHOLE HOUSE MECHANICAL VENTILATION SYSTEM IS REQUIRED FOR ANY DWELLING IN COMPLIANCE WITH IRC M 1505

3. CARBON MONOXIDE DETECTORS REQUIRED IRC R 315

4. STEEL COLUMNS SHALL BE MINIMUM SCHEDULE 40 R407.3

5. DECK SHALL BE BUILT PER TABLES 507.2 , 507.2.1 , 507.3 , 507.6 , 507.5.1(2) & (2) , 507.5 , AND 507.6

6. STUDS SHALL BE CONTINUOUS BETWEEN FLOOR, CEILING AND OR ROOF DIAGRAMS R602.3

7. ADDED REQUIREMENTS FOR WINDOW FALL PROTECTION R312.2

8. NEW PROVISIONS FOR ATTACHMENT OF RAFTERS, TRUSSES AND ROOF BEAMS R802.3.1 AND R802.11

9. INSULATION REQUIRED FOR ALL BASEMENT WALLS (INCLUDING UNFINISHED BASEMENTS) N1102.1

10. EXTERIOR WINDOWS / DOORS SHALL HAVE U-FACTOR 0.35 AND GALZING SHALL HAVE SOLAR HEIGHT GAIN FACTOR OF 0.40 N1102.1

11. HOUSE LEAKAGE AND DUCT LEAKAGE PERFORMANCE STANDARDS EFFECTIVE JANUARY 1, 2014. A SAMPLE TESTING PROGRAM WILL BE IMPLEMENTED OCTOBER 1, 2012 KCBRC N1102.4.1.2 AND N1103.2.2

12. LIGHTING FIXTURES PENETRATING THE THERMAL ENVELOPE (E.G. CAN LIGHTS IN ATTIC) SHALL BE IC-RATED, LEAKAGE-RATED AND SEALED TO THE GYPSUM WALLBOARD N1102.4.4

13. PROGRAMMABLE THERMOSTAT REQUIRED N1103.1.1

14. AIR HANDLERS SHALL BE RATED FOR MAXIMUM 2% AIR LEAKAGE RATE N1103.2.2.1

15. BUILDING CAVITIES USED AS RETURN AIR PLENUMS SHALL BE SEALED TO PREVENT LEAKAGE ACROSS THE THERMAL ENVELOPE KCBRC N1103.2.2

16. CERTAIN HOT WATER PIPES SHALL BE INSULATED N1103.4

17. ALL EXHAUST FANS SHALL TERMINATE TO BUILDING EXTERIOR M1507.2

18. MAKEUP AIR SYSTEM REQUIRED FOR KITCHEN EXHAUST HOODS THAT EXCEED 400CFM M1503.4

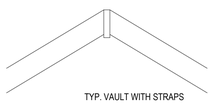
19. BUILDING CAVITIES IN A THERMAL ENVELOPE WALL (INCLUDING THE WALL BETWEEN THE HOUSE AND THE GARAGE) SHALL NOT BE USED AS RETURN AIR PLENUMS

20. AN AIR HANDLING SYSTEM SHALL NOT SERVE BOTH THE LIVING SPACE AND THE GARAGE M1601.6

21. A CONCRETE - ENCASED GROUNDING ELECTRODE ('UFER' GROUND) CONNECTIONS SHALL BE PROVIDED TO THE ELECTRICAL SERVICE E3608.1

22. COMPLIANCE WITH THE REQUIREMENT AND SHOW CONNECTION AS NEEDED FOR ROOF BEAM, TRUSS, RAFTER AND GIRDER CONNECTION FOR UPLIFT PER IRC 802.11. ALL RAFTERS MUST BE IN COMPLIANCE WITH IRC 502.11 AMENDED RAYMORE CODE

USE LSTA24 RIDGE STRAPS ON ALL VAULTS AT RIDGE OR COLLAR TIES



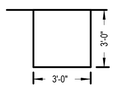
TYP. VAULT WITH STRAPS

STUDS OVER 10'-0" SHALL HAVE BLOCKING ALONG WALL MAX. OF 6'-0" O.C.

OVERHEAD GARAGE DOORS MUST MEET DASMA 115 MPH OR IRC 2018 REQUIREMENTS

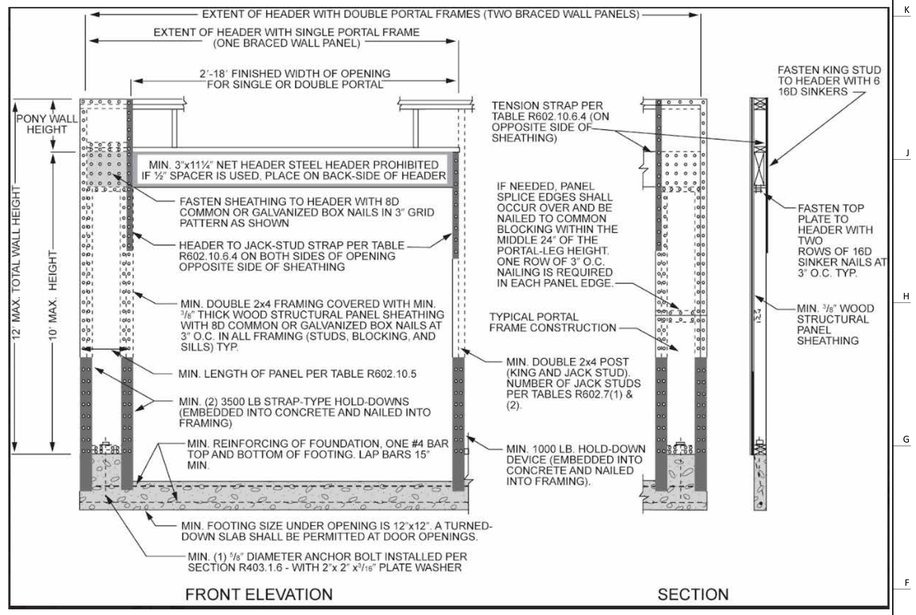
PIER PADS

TYP. U.N.O. 3'-0" X 3'-0" X 12" PIER PADS MIN. WITH #4 REBAR, 6 EACH WAY



EGRESS WINDOW WELL AS NEEDED PER SECTION 308 MIN. 3'-0" X 3'-0" WITH LADDER

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



Portal Frame with Holddown

CEILING JOISTS AND RAFTER CONNECTIONS

CEILING JOISTS AND RAFTERS SHALL BE TED TO ONE ANOTHER PER TABLES R602.3(1) AND R802.5.1(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 ATTTACHED TO END OF THE RAFTERS TO PROVIDE A CONT. TIE ACROSS THE STRUCTURE

TIE DOWN REQUIREMENTS (R802.11)

FOR RAFTER SPANS OVER 20'-0" INTERPOLATING TABLE 802.11 PROVIDE RATER TIE-DOWNS CAPABLE OF RESISTING OVER 226 POUNDS AT EACH RAFTER

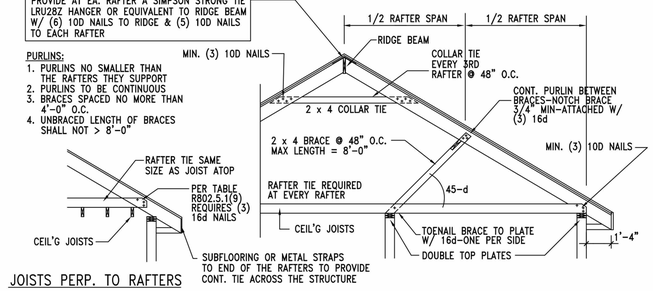
PER TABLE R802.5.1(2) THE MAX RAFTER SPAN FOR D.F.L. 2 x 6 RAFTERS #2 GRADE = 14'-1" AND IS THE BASIS OF DESIGN FOR PURLIN PLACEMENT

RAFTER TIES:
1. REQUIRED AT ALL RAFTERS
2. MIN. OF 2 x 4 AND SPACED NO GREATER THAN 48" O.C.

FOR FULL VAULT

WHERE NO COLLAR TIES CAN BE INSTALLED, PROVIDE AT EA. RAFTER A SIMPSON STRONG TIE LRU28Z HANGER OR EQUIVALENT TO RIDGE BEAM W/ (6) 10D NAILS TO RIDGE & (5) 10D NAILS TO EACH RAFTER

PURLINS:
1. PURLINS NO SMALLER THAN THE RAFTERS THEY SUPPORT
2. PURLINS TO BE CONTINUOUS
3. BRACES SPACED NO MORE THAN 4'-0" O.C.
4. UNBRACED LENGTH OF BRACES SHALL NOT > 8'-0"



JOISTS PERP. TO RAFTERS

RAFTER/CEILING JOIST HEEL CONNECTIONS

PROVIDE (5) 16D NAILS AT EACH HEEL JOINT (RAFTER-JOIST, RAFTER-TIE) CONNECTION. ALSO DENOTED IN DETAIL FOR TYP. ROOF/ RAFTER FRAMING. THIS MEETS/EXCEEDS TABLE 802.5.1(9) FOR ROOF SPANS UP TO 28'-0" MAX. 9/12 PITCH AND RAFTERS 16" O.C.

ALL RIDGE BEAMS TO BE 2 x 12 OR 2 x 10 RAFTER TIES/COLLARS REQUIRED AT ALL LOCATIONS

ROOF FRAMING CONNECTION TO BEAMS

WHERE LVL IS BE INSTALLED IN PLANE, PROVIDE SIMPSON STRONG TIE LRU28Z RAFTER HANGERS EA. RAFTER TO LVL. EACH END OF LVL TO BE SECURED TO SUPPORTING CONSTRUCTION WITH SST LSTA15 OR EQUIVALENT STRAP W/ 1100 LBS. CAPACITY. STRAPPING SHALL BE REQUIRED AT ALL NON-CONT. MEMBERS BETWEEN BEAM & TOP OF FLOOR

B TYP. ROOF/RAFTER FRAMING

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SEPTEMBER 25, 2025

REVISIONS

NO.	DESCRIPTION	DATE

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Lees Summit, MO

DRAWING TITLE

Details

DATE ISSUED

NORTH

DRAWING NUMBER

A903