

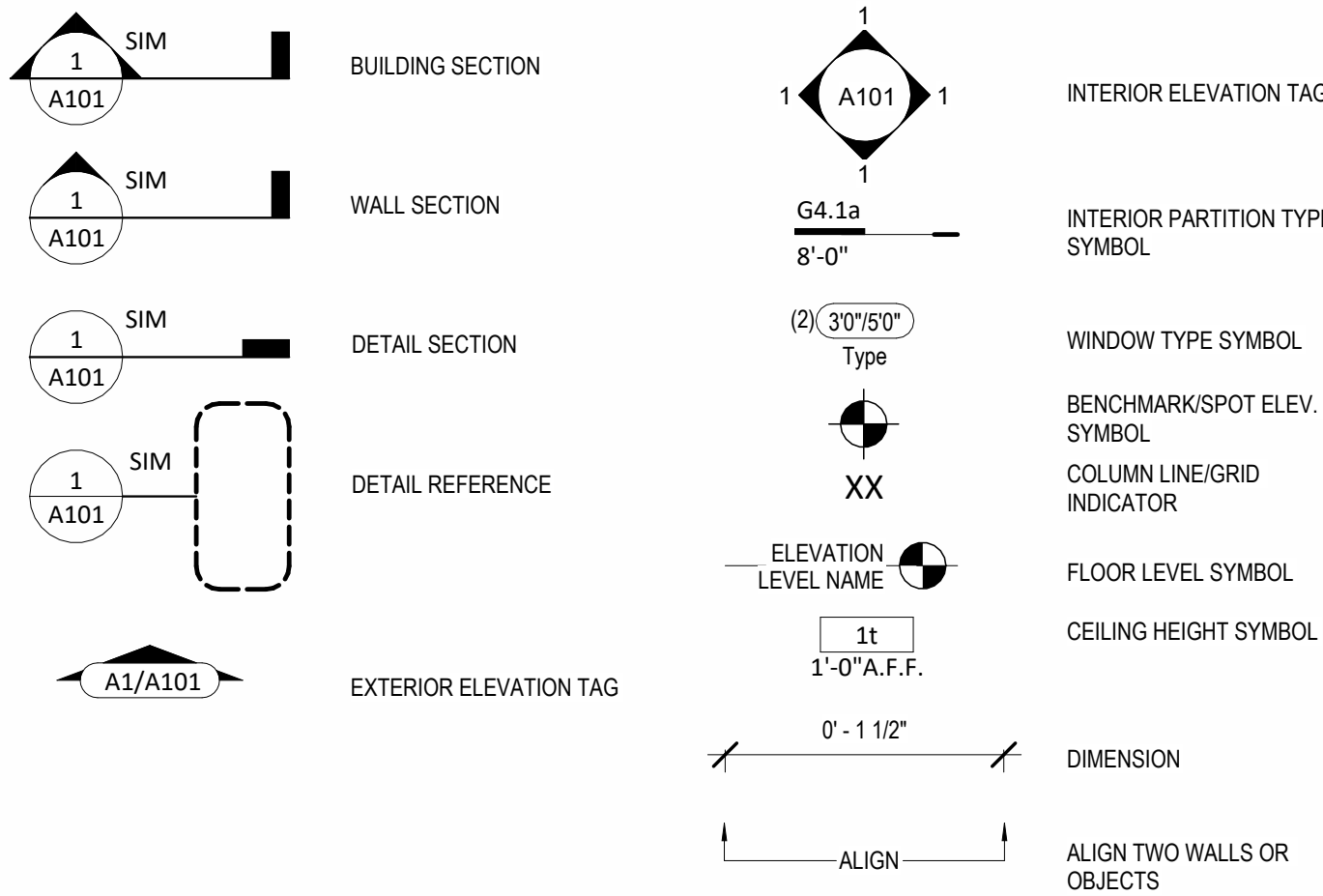
# Lot 176 - Hook Farms

2615 SW Barley Field Dr,  
Lees Summit MO 64082



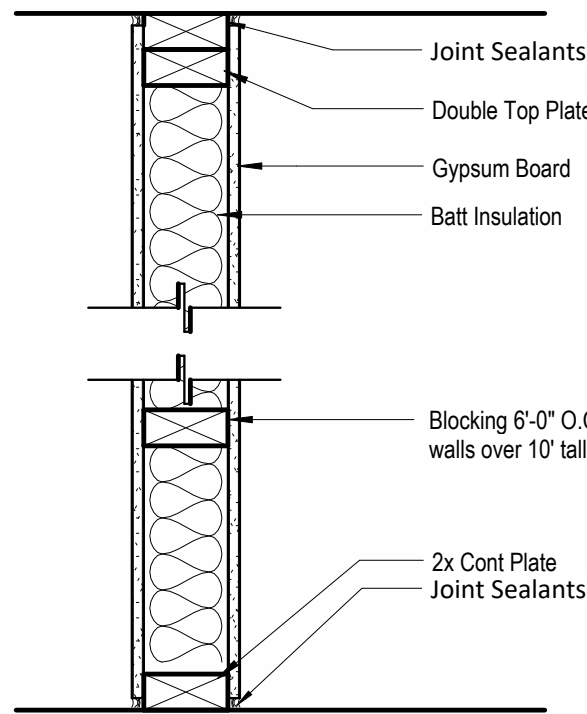
## Sheet List

A0	Foundation Plan
A1	Floor Plan - Main Level
A2	RCP/Electrical Plan
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A3.B	Elevations
A4	Building Sections
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A5	Details
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## 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.

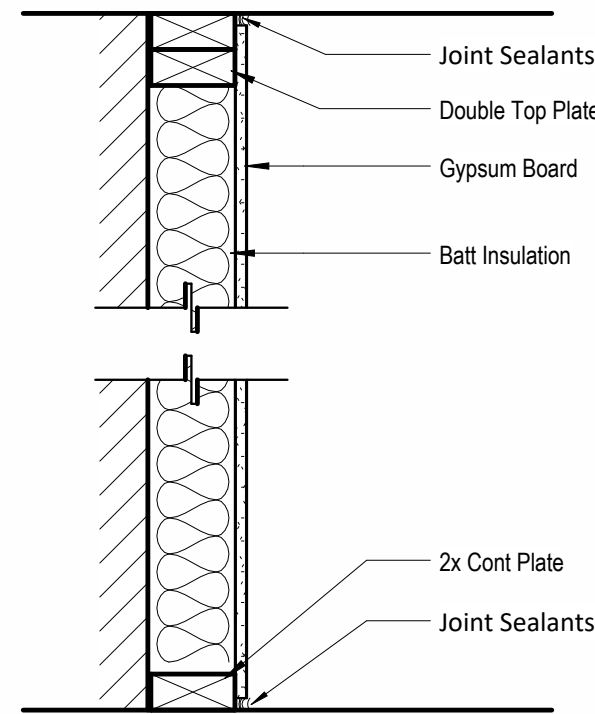


PARTITION SYSTEM:  
GYPSUM WALL BOARD PARTITION

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.

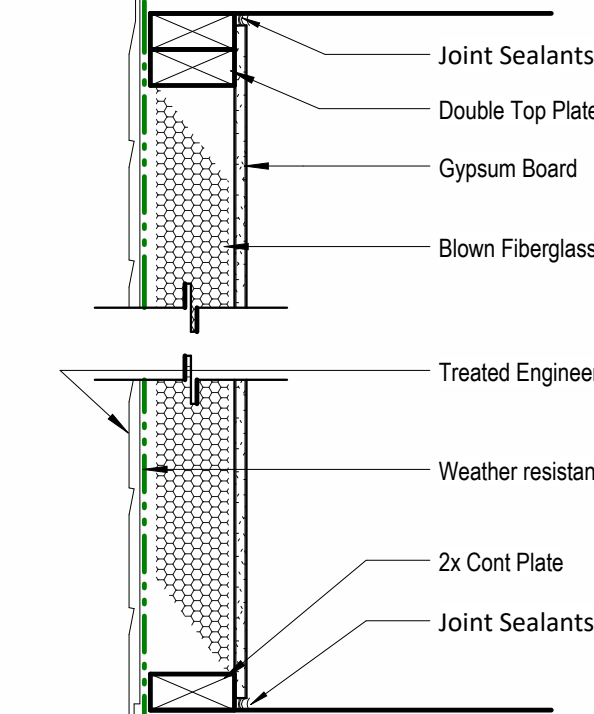


PARTITION SYSTEM:  
GYPSUM FURING PARTITION

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

Energy Efficiency Certificate					
Insulation Rating		R-Value		R-Value	
Ceiling/Roof		R- 49 MIN		R- 30 MIN*	
Walls	Frame	R- 13 MIN	Mass R- 13		
	Basement	R- 13 MIN	Crawl space R- 13		
	Over unconditioned space	R- 19 MIN	Slab edge R- 10 for 2 feet		
Floors		Attic R- 8 MIN		Other R- 6	
Ducts					
Air Leakage Test Results					
Blower door	3 MAX	ACH50 Pa.	Duct testing	4 MAX	Cfm/100 ft²
Fenestration Rating		NFRC U-Factor		NFRC SHGC	
Window		U <sub>i</sub> 35	.40		
Opaque door		U <sub>i</sub> 50			
Skylight		U <sub>i</sub> 55			
Equipment Performance		Type	Efficiency		
Heating system		Fuel Fired Furnace	80%	AFUE	
Cooling system		Central Air	13	SEER	
Water heater		Electric	0.92	EF	
Indicate if the following have been installed (an efficiency shall not be listed)					
<input type="checkbox"/> electric furnace		<input type="checkbox"/> gas-fired unvented room heater		<input type="checkbox"/> baseboard electric heater	
Designer/builder		Elevate Design + Build			
Code edition		IRC 2012 - Performance		Date: 2022/10/12	

\* Where the roof/ceiling assembly does not allow sufficient space for the required insulation, the minimum required can be reduced to this value. This reduction of insulation from the requirements shall be limited to 500 SqFt or 20% of the total insulated ceiling area (whichever is less).

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  
Termites: 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 3 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 requirements of the 2012 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, truss, rafter, and girder connections for uplift per IRC 802.11
16. Garage Door Rating: DASHA 90 MPH Rated



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## Permit Set

PLAN DESCRIPTION: Greystone

00

Project No.

Project Number



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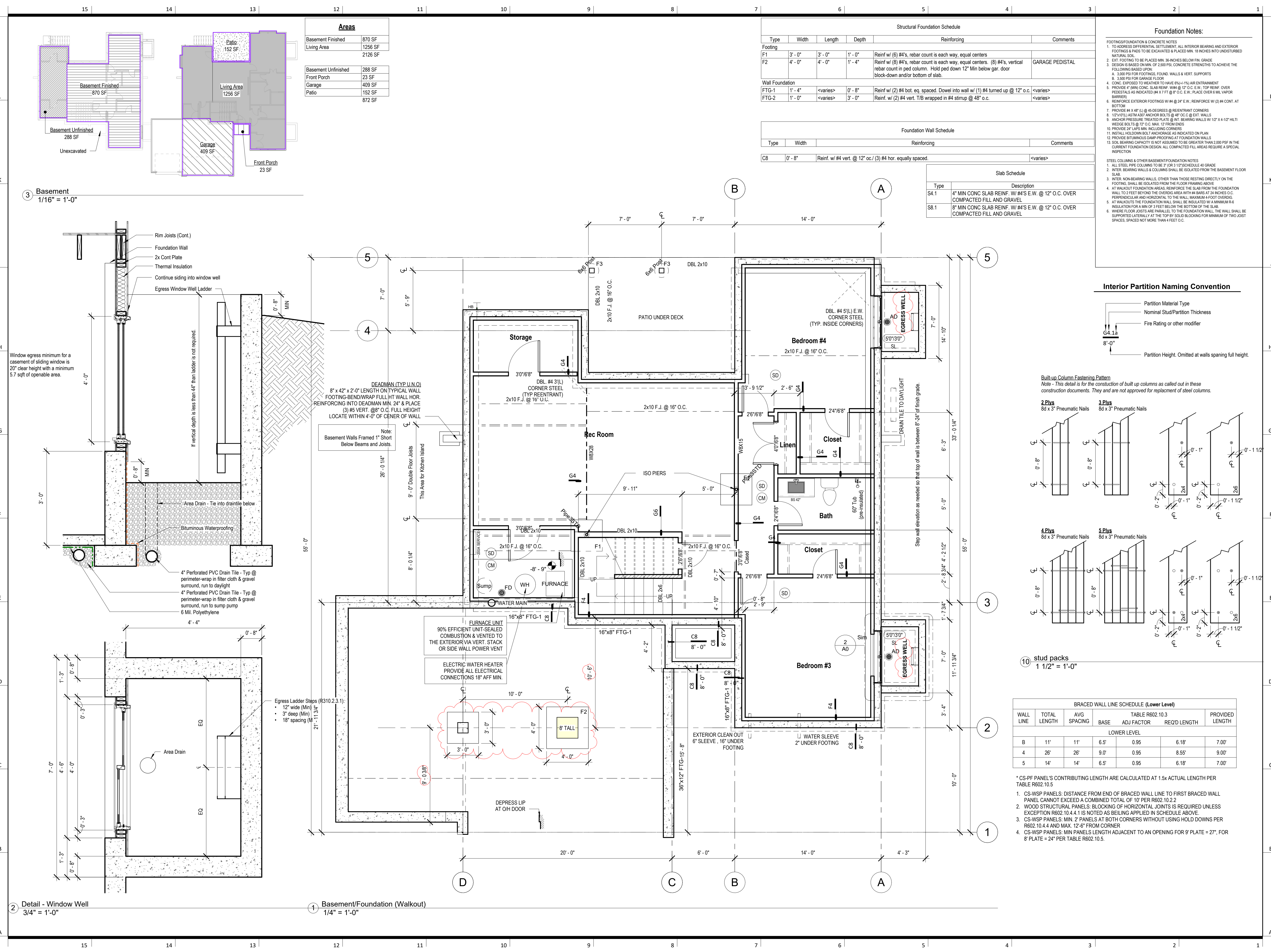
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Foundation Plan

A0

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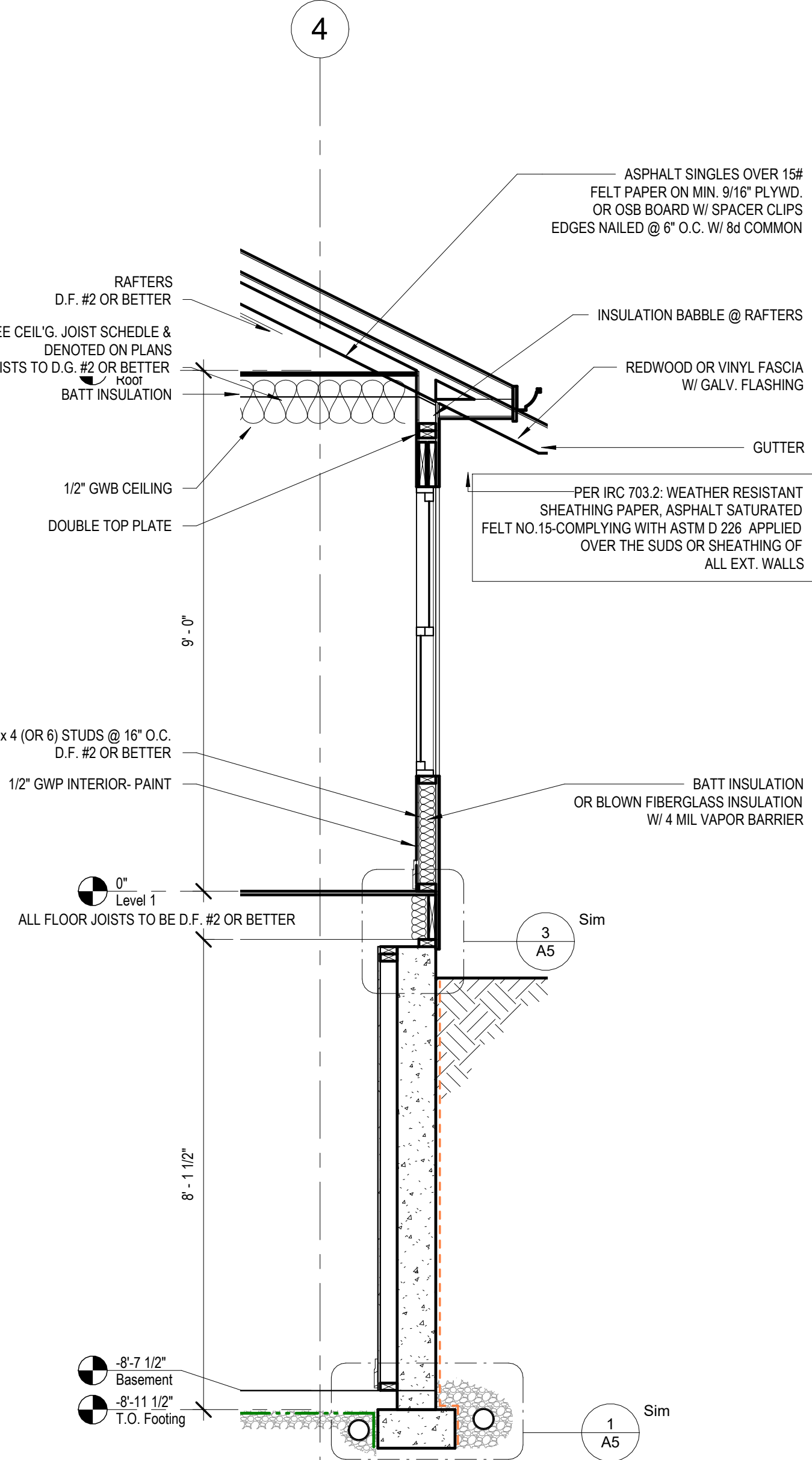




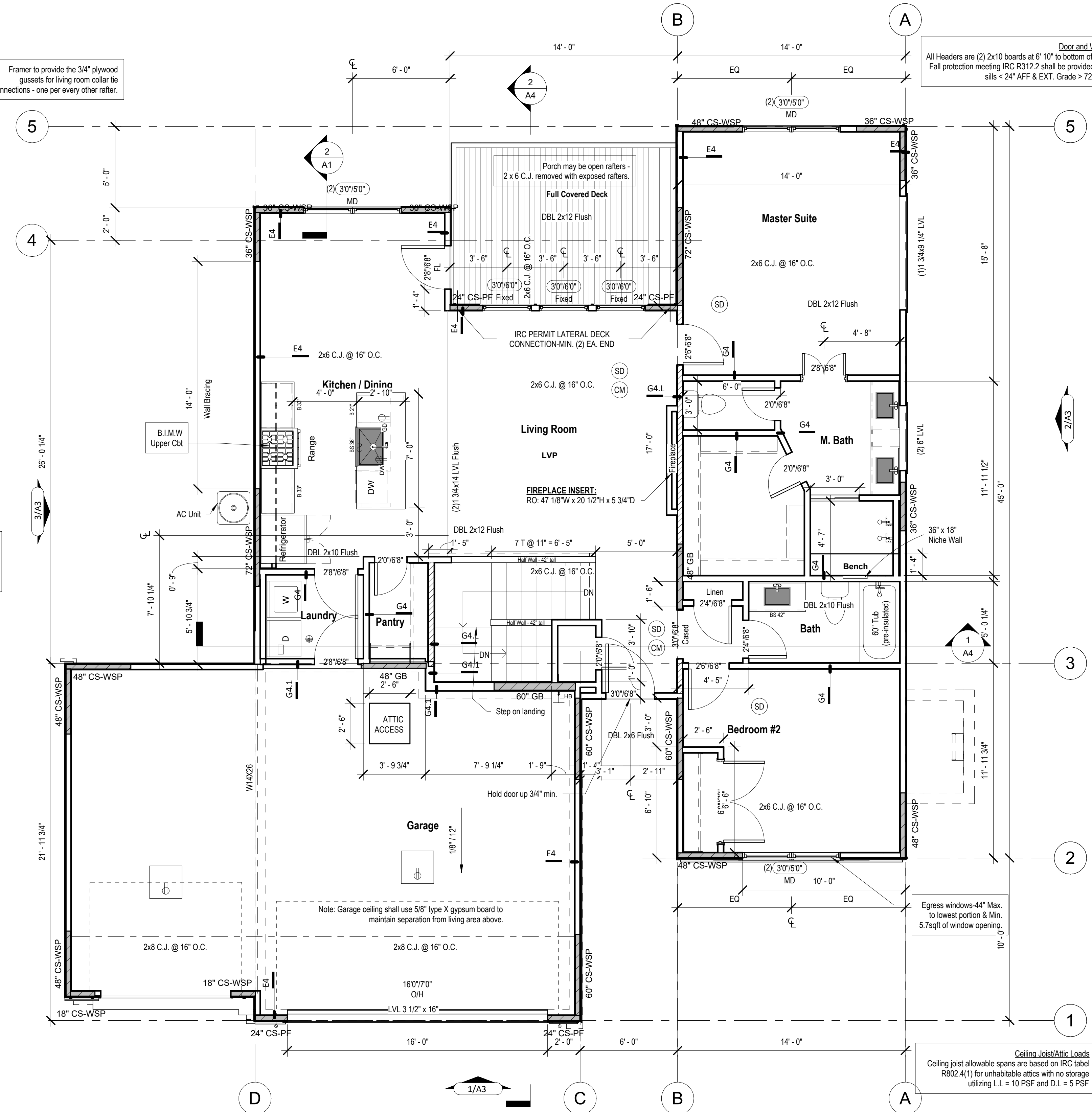
BRACED WALL LINE SCHEDULE						
WALL LINE	TOTAL LENGTH	AVG SPACING	BASE	TABLE R602.10.3 ADJ FACTOR	REQ'D LENGTH	PROVIDED LENGTH
MAIN FLOOR						
A	45'	45'	9'	0.95	8.55'	9.00'
B	45'	15'	10.5'	1.38	14.46'	15.00'
C	22'	22'	5.5'	0.95	5.23'	10.00'
D	50'	25'	11'	1.24	13.59'	14.00'
1	20'	20'	3.5'	0.95	3.33'	6.00"
2	14'	14'	3.5'	0.95	3.33'	4.00'
3	26'	13'	7'	1.24	8.65'	9.00'
4	26'	26'	5.5'	0.95	5.23'	12.00"
5	14'	14'	3.5'	0.95	3.33'	6.00'

- \* CS-PF PANEL'S CONTRIBUTING LENGTH ARE CALCULATED AT 1.5x ACTUAL LENGTH PER TABLE R602.10.5
- CS-WSP PANELS: DISTANCE FROM END OF BRACED WALL LINE TO FIRST BRACED WALL PANEL CANNOT EXCEED A COMBINED TOTAL OF 10' PER R602.10.2
  - WOOD STRUCTURAL PANELS: BLOCKING OF HORIZONTAL JOINTS IS REQUIRED UNLESS EXCEPTION R602.10.4.4.1 IS NOTED AS BEING APPLIED IN SCHEDULE ABOVE
  - CS-WSP PANELS: MIN. 2" PANELS AT BOTH CORNERS WITHOUT USING HOLD DOWNS PER R602.10.4.4 AND MAX. 12'-6" FROM CORNER
  - CS-WSP PANELS: MIN PANELS LENGTH ADJACENT TO AN OPENING FOR 9' PLATE = 27", FOR 8' PLATE = 24" PER TABLE R602.10.5

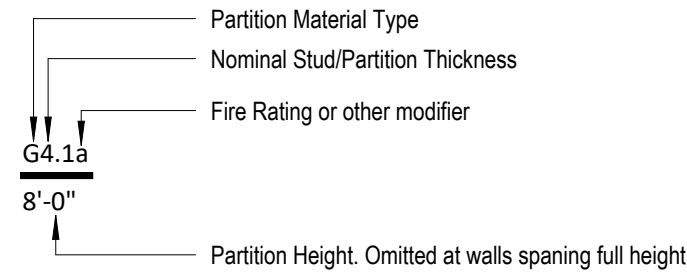
3 Brace System  
1 1/2" = 1'-0"



4 Floor Plan - Living Space (Walkout)  
1/4" = 1'-0"



Interior Partition Naming Convention



General Notes:

- DOORS AND WINDOW
- ALL GLAZING WITHIN 12" OF THE FINISHED FLOOR, ADJACENT TO DOORS - 2\"/>
- GARAGES:
- GARAGE SEPARATION WALL TO BE 1-HR CONST. W/ MIN. 3\"/>
- LIGHT AND VENTILATION:
- PROVIDE STAIRWAY ILLUMINATION PER R303.7.2
  - CABLE VENT & MUSHROOM VENTS TO PROVIDE A MIN. OF 10 S.F. NET FREE OF ATTIC VENTILATION
  - FURNACES ENCLOSED IN A ROOM LESS THAN 100 S.F. SHALL BE PROVIDED WITH A MEANS OF COMBUSTION MAKE-UP AIR AS DETERMINED/CALCULATED AND PRESCRIBED BY MECH. CONTRACTOR
  - VENTILATE KITCHENS AND LAUNDRY ROOMS PER R303.3
  - PROVIDE MIN. 16\"/>
- GYP/SUM BOARD:
- GWB APPLIED TO CEILINGS SHALL BE 16\"/>
- MECHANICAL SYSTEMS
- FURNACE & WATER HEATER SHALL BE ON 18\"/>
- ELECTRICAL SYSTEMS
- PROVIDE UFER GROUND ENCASED IN CONCRETE FOOTING
  - ALL ELECTRICAL CONDUCTORS SHALL BE COPPER
  - RECEPT. IN THE FOLLOWING LOCATIONS SHALL BE GFCI PROTECTED:
    - BEDROOM, KITCHEN (WITHIN 6 FEET OF SINK), GARAGE, SHED, EXTERIOR, UNFINISHED BASEMENT & HEATED FLOORS
  - ALL BRANCH CIRCUITS THAT SUPPLY 120-V. SHINGLE PHASE, 15 & 20 AMP OUTLETS INSTALLED IN:
    - 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 BRANCK CIRCUIT
  - ALL 15 & 20 A RECEPT. SHALL BE LISTED TAMPER-RESISTANT
    - EXCEPTION: RECEPT. IN THE FOLLOWING LOCATIONS SHALL NOT BE REQUIRED TAMPER-RESISTANT:
      - RECEPT. LOCATED MORE THAN 5.5 FEET APT.
      - WHERE SUCH RECEPT. ARE LOCATED IN SPACES DEDICATED FOR THE APPLIANCE SERVED & UNDER CONDITIONS OF NORMAL USE, THE APPLIANCE ARE NOT EASILY MOVED. APPLIANCES TO BE CORN-PLUG CONNECTED TO RECEPT.
- EXTERIOR WALL FRAMING
- BOTTOM SILL PLATES SHALL BE PRESSURE TREATED OR EQUAL
  - SILL PLATES SHALL BE EXTENDED MIN. 6 INCHES ABOVE GRADE
  - ALL EXT. STUDS TO BE SECURED TO THEIR DOUBLE TOP PLATES W/ (2) 16d NAILS (MIN)
  - ALL EXTERIOR CORNERS TO BE BRACED WITH 7/16\"/>
- ROOF FRAMING
- ALL ROOF EAVES/OVERHANGS TO BE 16\"/>
  - ALL JOISTS & RAFTERS TO BE ALIGNED OVER SLIDS
  - ROOF SHEATHING SHALL BE 7/16\"/>
- UNFINISHED BASEMENT REQUIREMENTS
- FIRE PROTECTION OF FLOORS: FLOOR ASSEMBLIES CONSTRUCTED W/ JOISTS LESS THAN 2X10 DIMENSIONAL LUMBER
  - JOISTS OR OPEN WEB JOISTS OVER UNFINISHED BASEMENTS SHALL BE PROVIDED WITH S8\"/>
  - UNFINISHED BASEMENTS SHALL BE MIN. R-13 INSULATED WALL OR INSULATED ON FLOOR/CEILING (MIN R-19)
  - ALL EXPOSED HVAC DUCTING IN UNFINISHED BASEMENTS TO BE MIN R-8 INSULATED OR ENCLOSED INSIDE A FLOOR/CEILING
  - 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 BATTLE 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) @ 16\"/>
  - ROOF SHEATHING TO BE 7/16\"/>
  - SHEATH EXT. WALLS W/ 7/16\"/>
  - HEADERS: PROVIDE (2) 2 x 4 (SYP OR DFL #2 OR BETTER) UNDO. CONSTRUCT HEADERS W/ 2 x 4 & 7/16\"/>
  - BLOCKING MIN. 1.5 INCHES UTILITY GRADE LUMBER JOISTS TO BE SUPPORTED AT ENDS FULL DEPTH SOLID BLOCKING NOT < 2 INCHES
  - I.F. J. C.J. & RAFTERS TO BE SYP OR DFL GRADE #2 OR BETTER
  - EXT. WALL STUDS & LOAD BEARING WALLS TO BE CONTINUOUS FROM FLOOR TO ROOF/CEILING DIAPHRAGM PER IRC 602.3
  - STUDS, RAFTERS, JOISTS, MS. LUMBER MIN. GRADE #2 D.F. OR S.Y.P.
- PHYSICAL SECURITY ORDINANCE
- OWNER/BUILDER IS RESPONSIBLE FOR COMPLIANCE OF PHYSICAL SECURITY ORDINANCE FOR THEIR LOCAL JURISDICTION

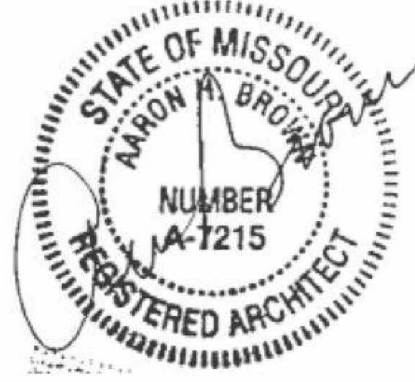


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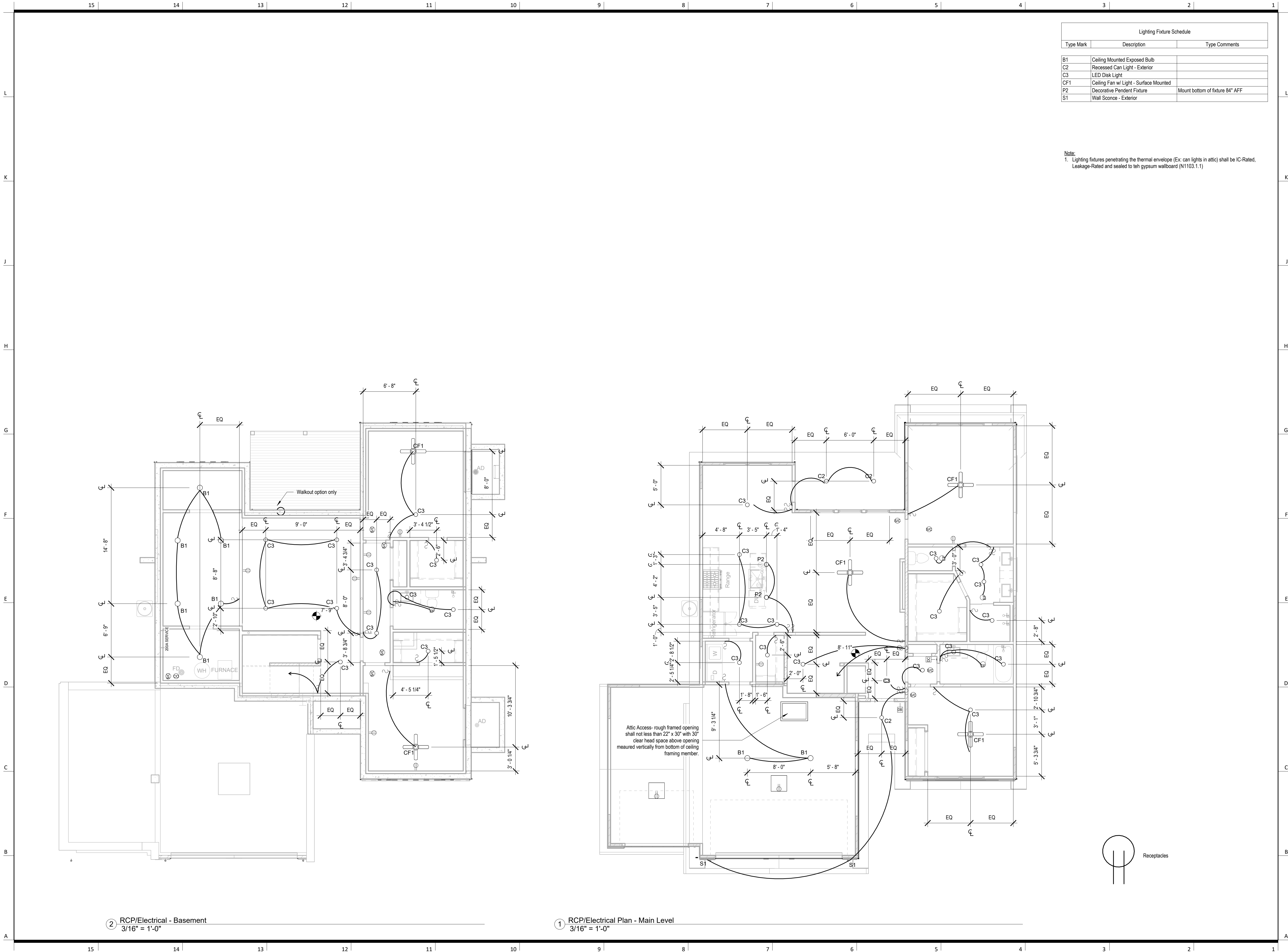
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Floor Plan - Main Level

A1

Project No. Project Number





Lighting Fixture Schedule		
Type Mark	Description	Type Comments
B1	Ceiling Mounted Exposed Bulb	
C2	Recessed Can Light - Exterior	
C3	LED Disk Light	
CF1	Ceiling Fan w/ Light - Surface Mounted	
P2	Decorative Pendant Fixture	Mount bottom of fixture 84" AFF
S1	Wall Sconce - Exterior	

Note:  
1. Lighting fixtures penetrating the thermal envelope (Ex: can lights in attic) shall be IC-Rated, Leakage-Rated and sealed to teh gypsum wallboard (N1103.1.1)



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RCP/Electrical Plan

# A2

Project No. Project Number







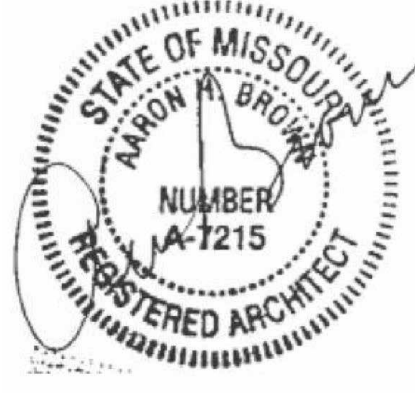
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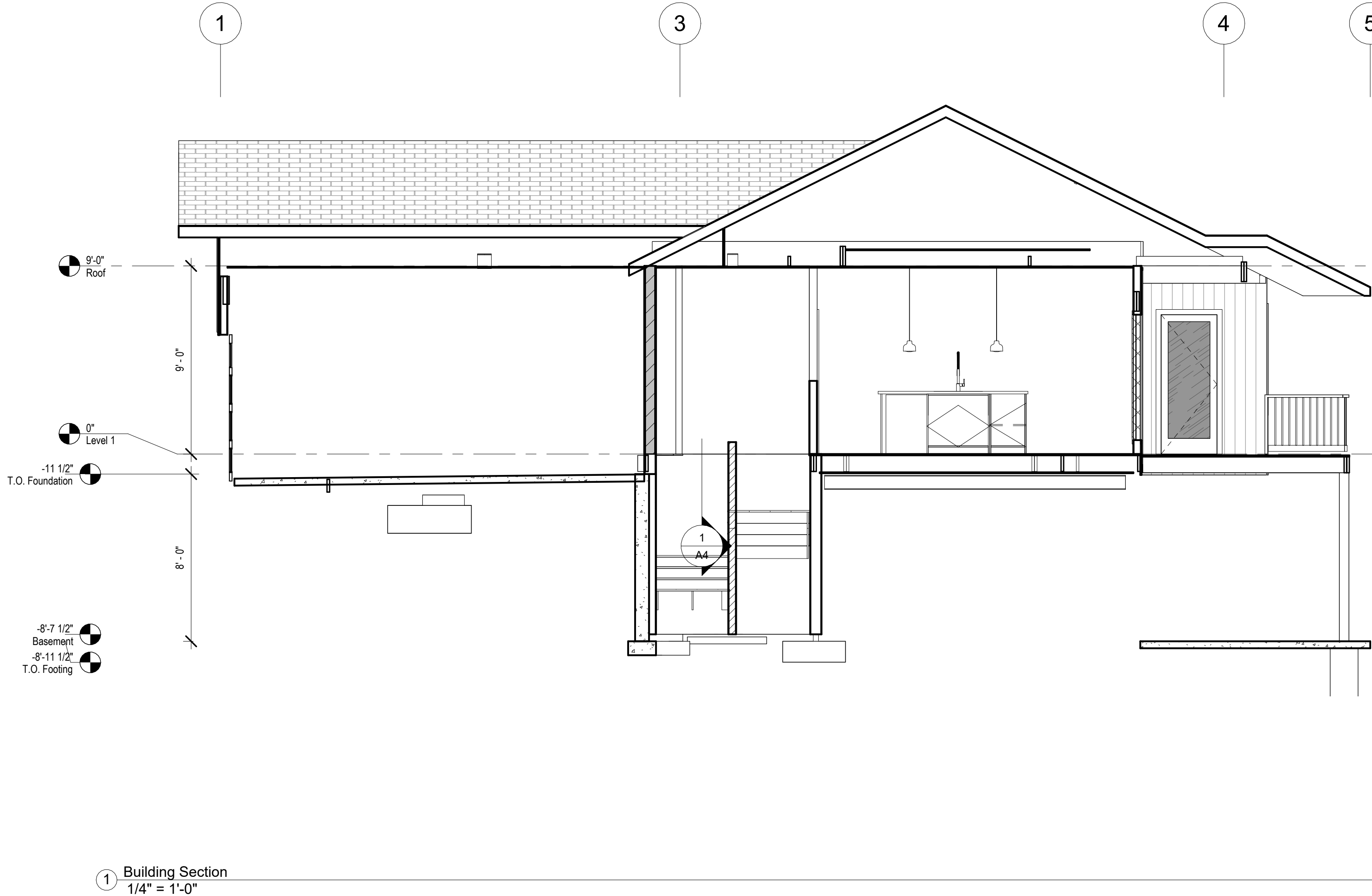
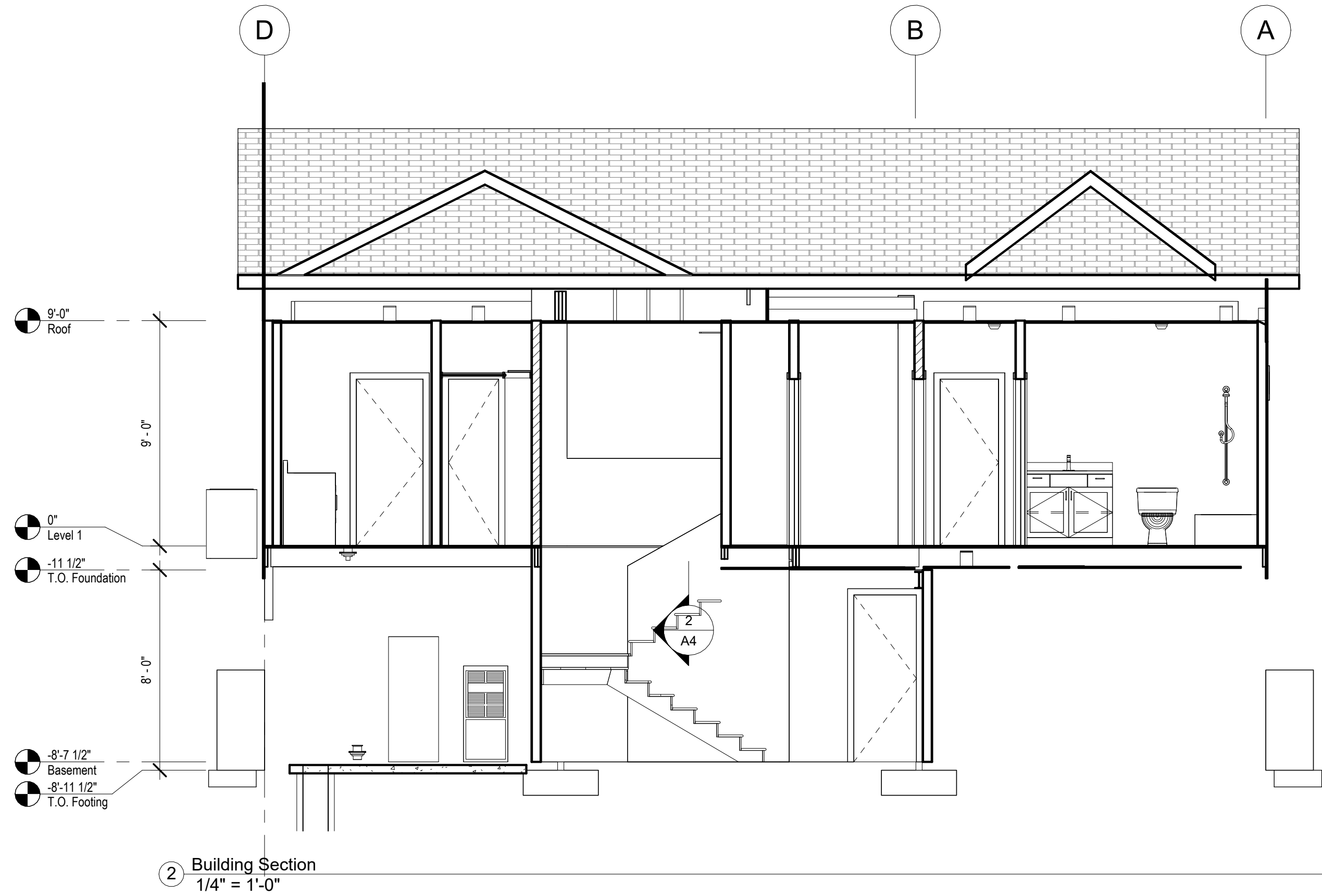
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Building Sections

## A4.B

Project No. Project Number





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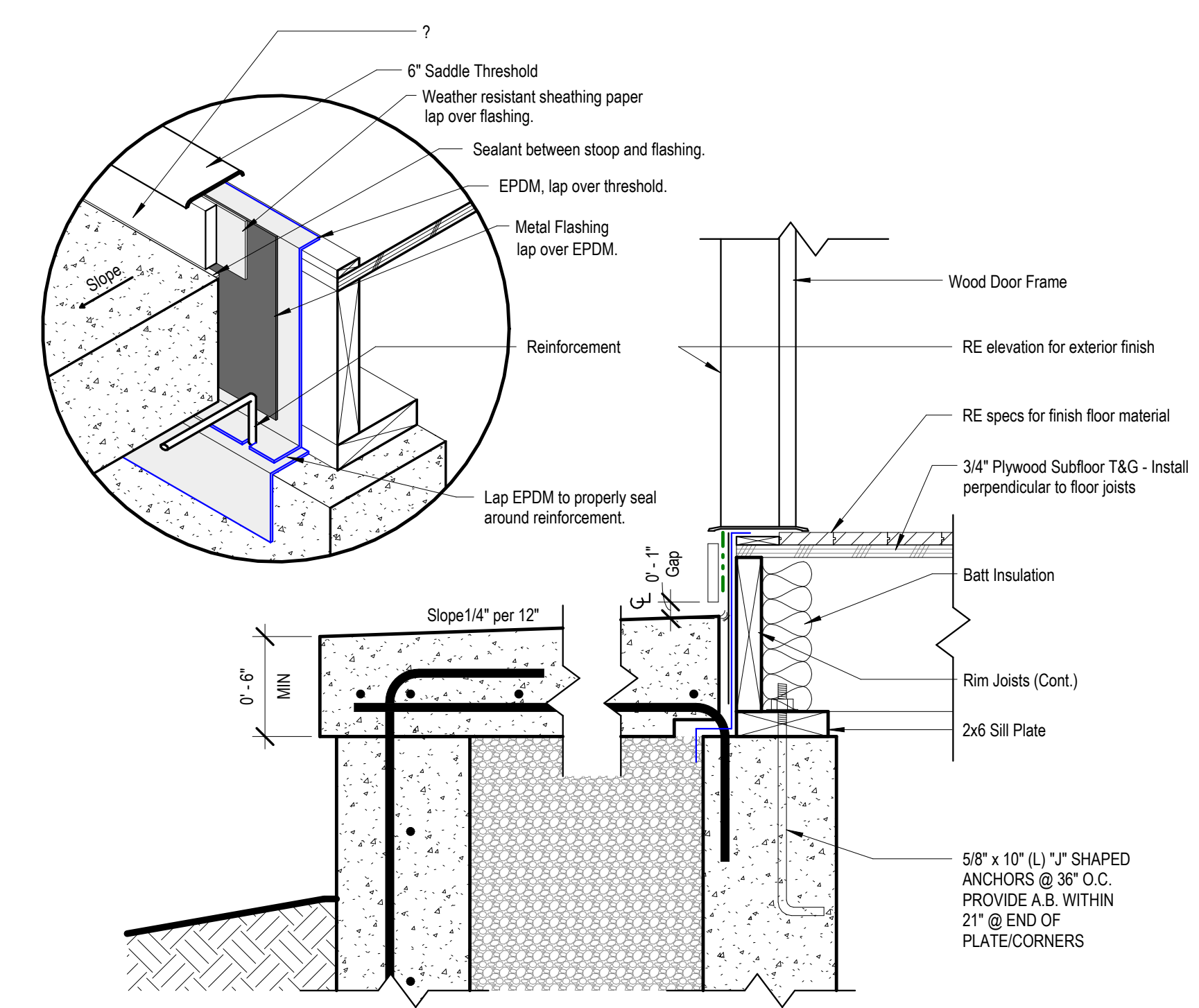
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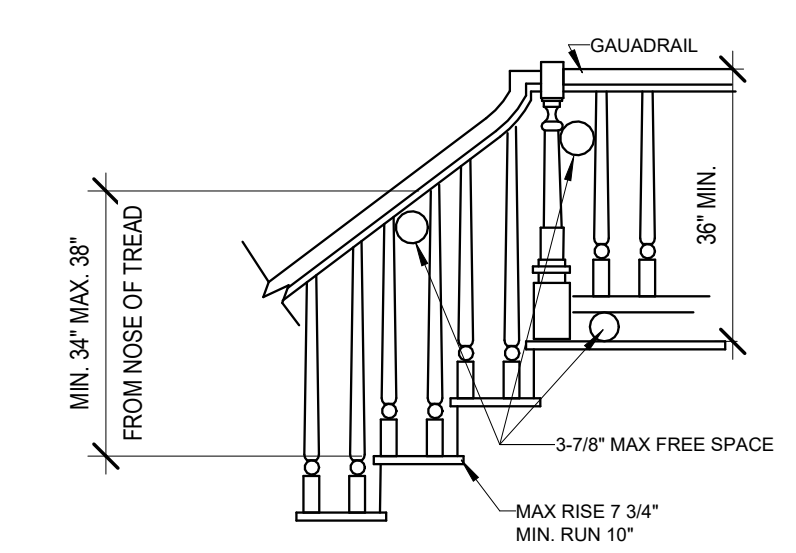
Details

## A5

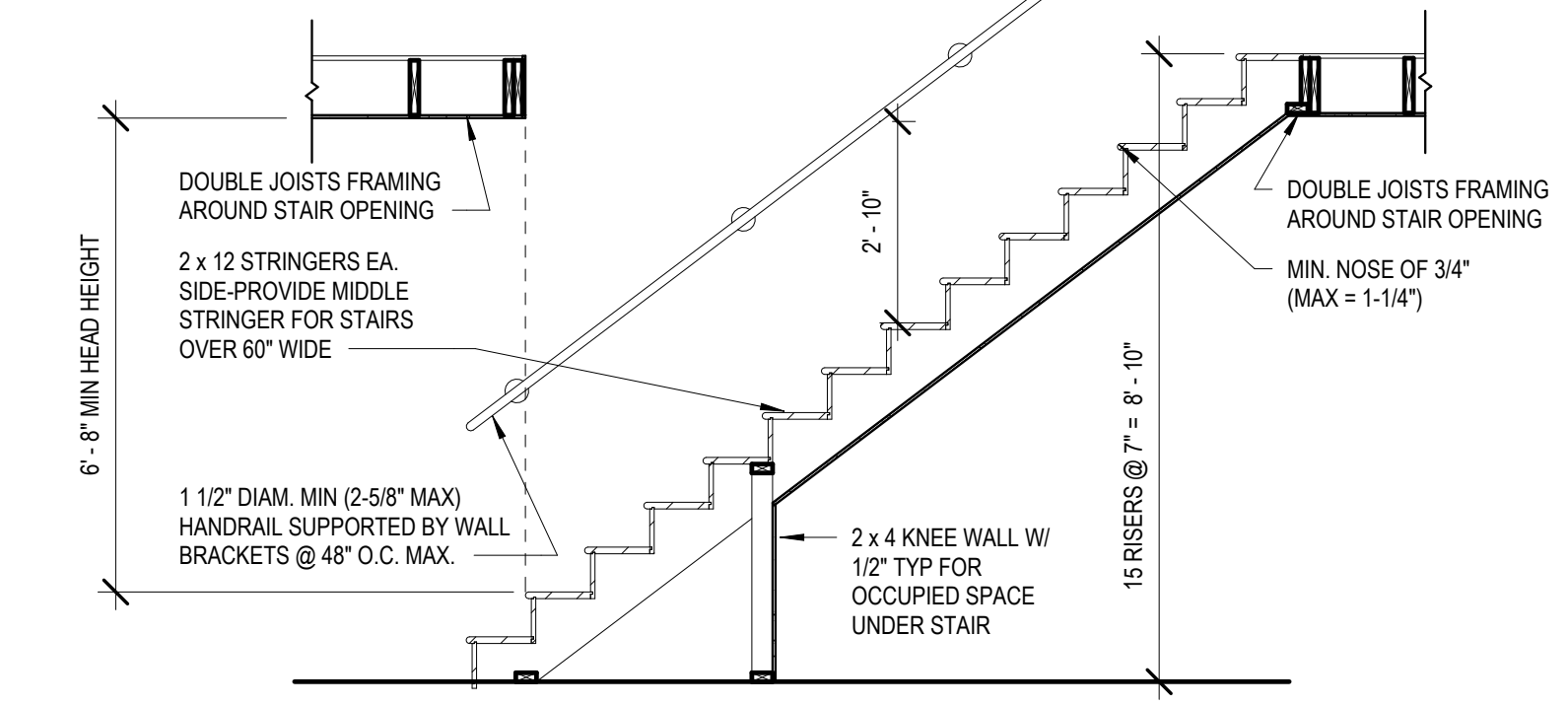
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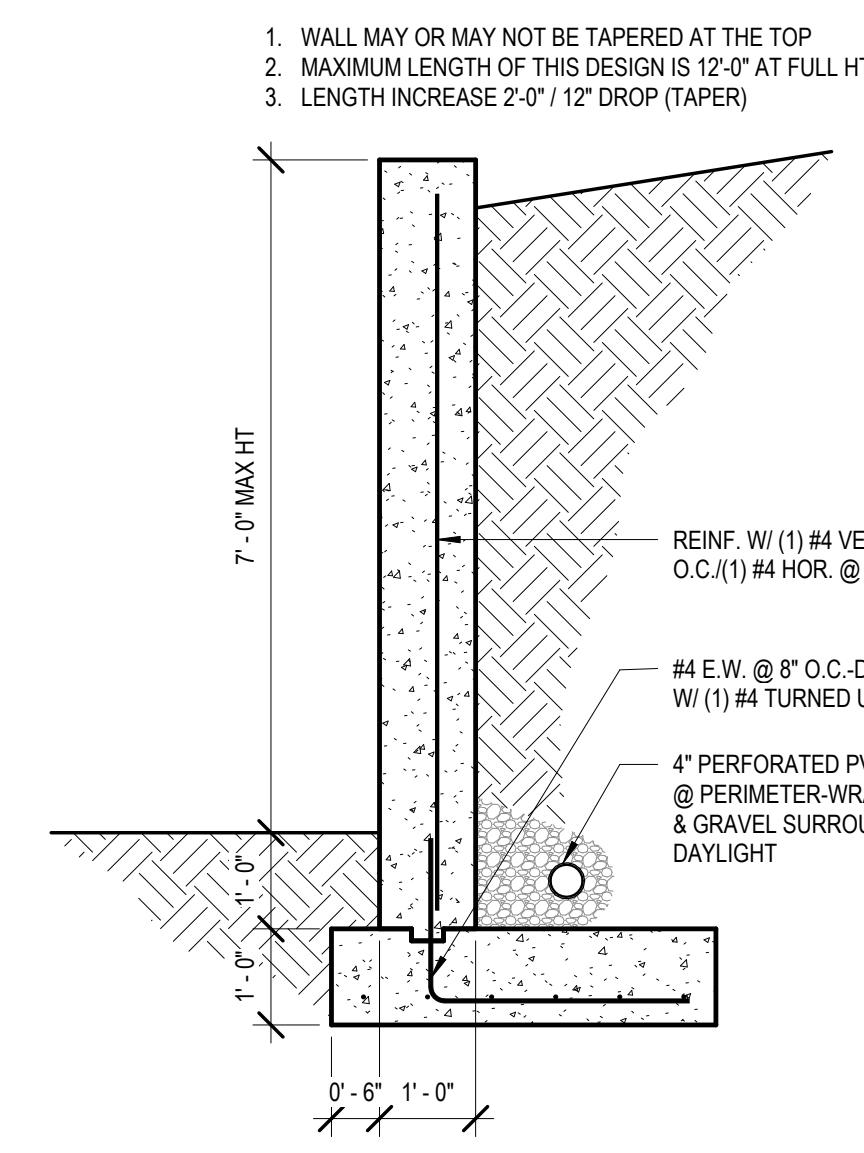
5 Detail - Front Stoop  
1 1/2" = 1'-0"



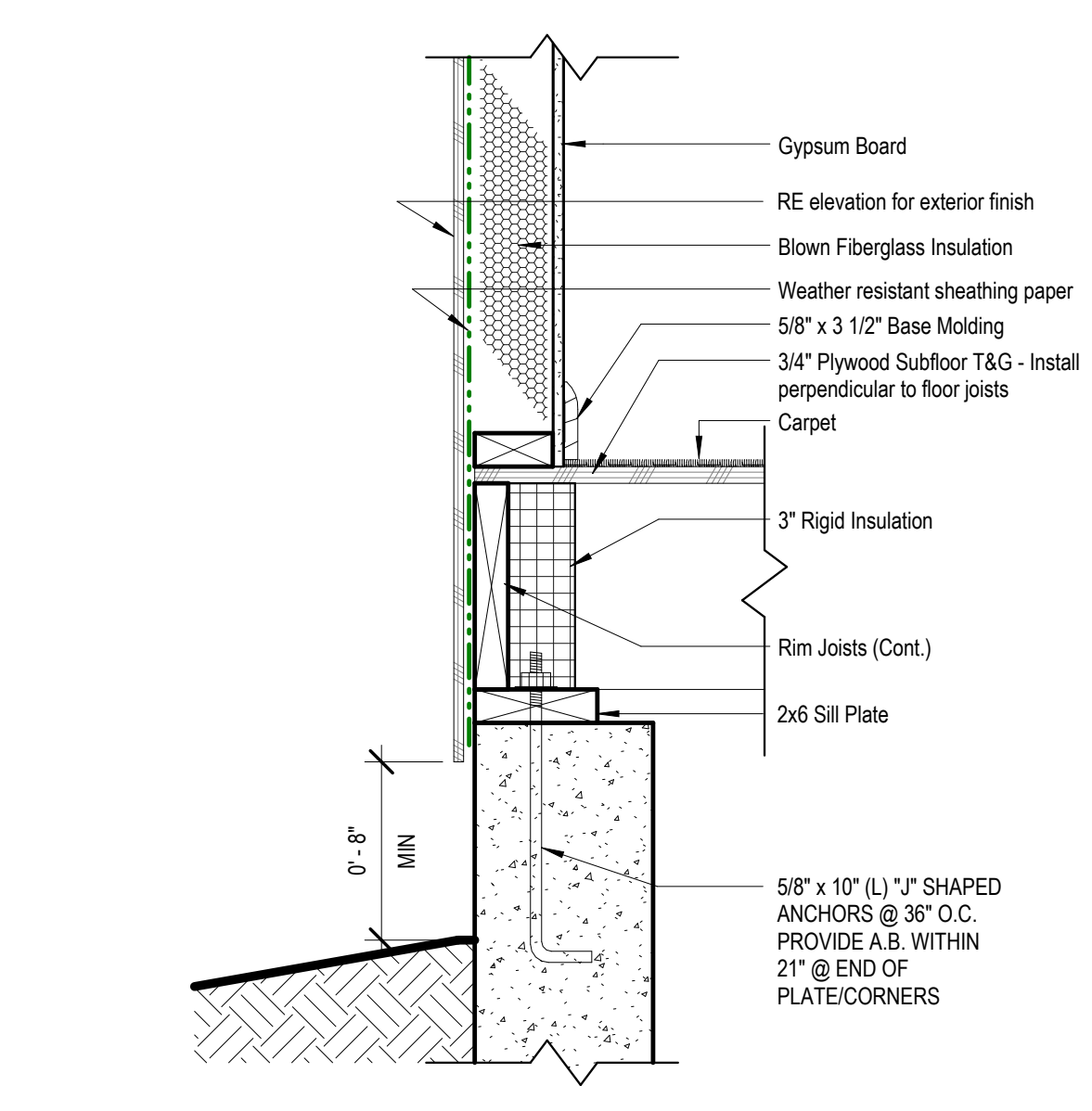
PER IRC: THE MAX. RISE ALLOWED IS 7.75 INCHES AND THE MIN TEAD IS 10 INCHES MEASURED NOSE TO NOSE



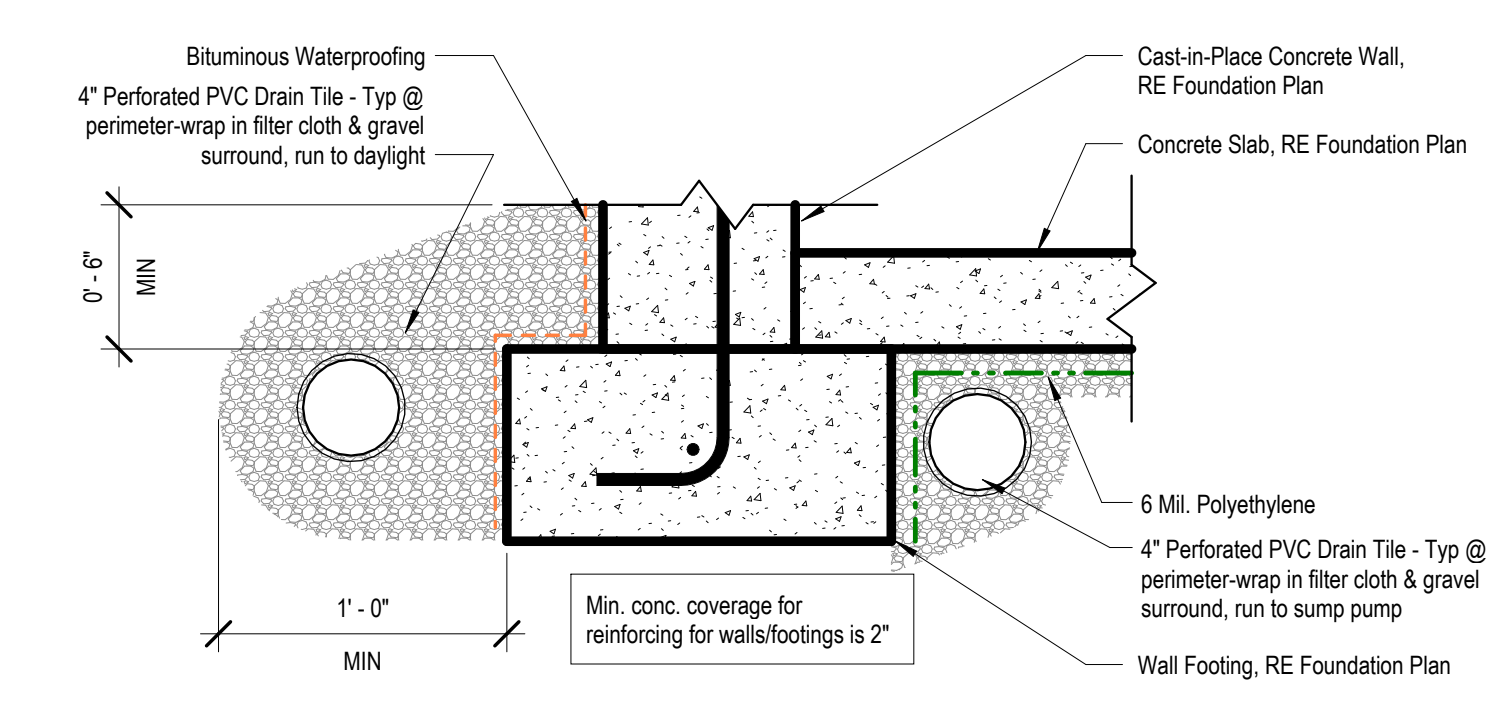
6 TYP STAIR SECTION/REQUIREMENTS1  
3/8" = 1'-0"



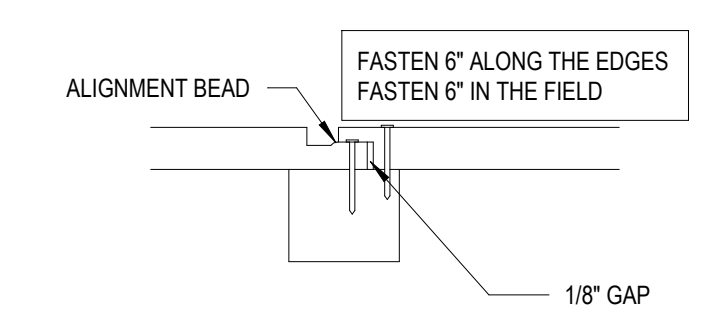
4 RETAINING WALL DESIGN1  
1/2" = 1'-0"



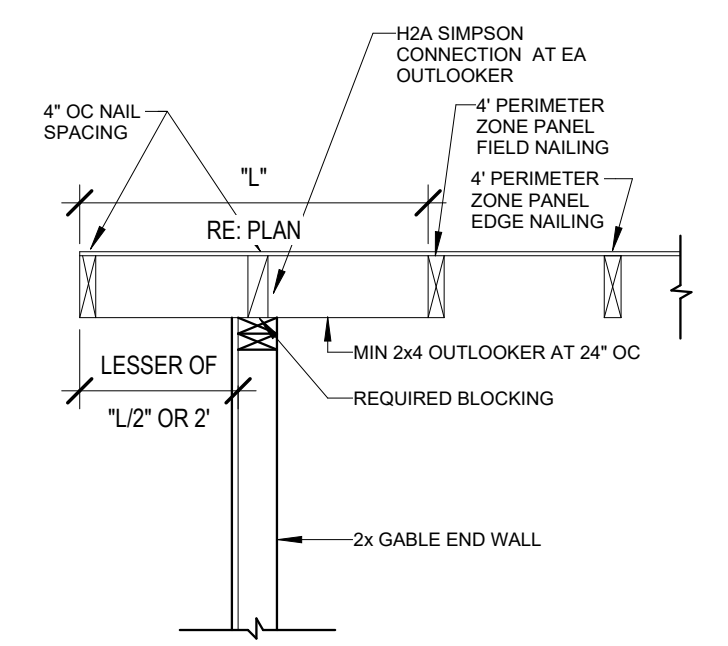
3 Detail - Top of Foundation Wall1  
1 1/2" = 1'-0"



1 Detail - Footing  
1 1/2" = 1'-0"



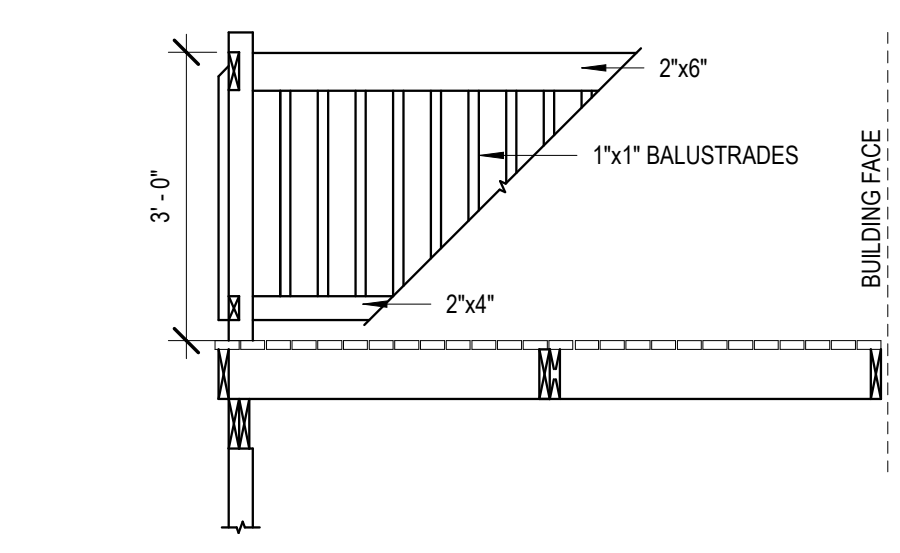
2 SMARTSIDE PANEL NAILING PATTERN1  
3" = 1'-0"



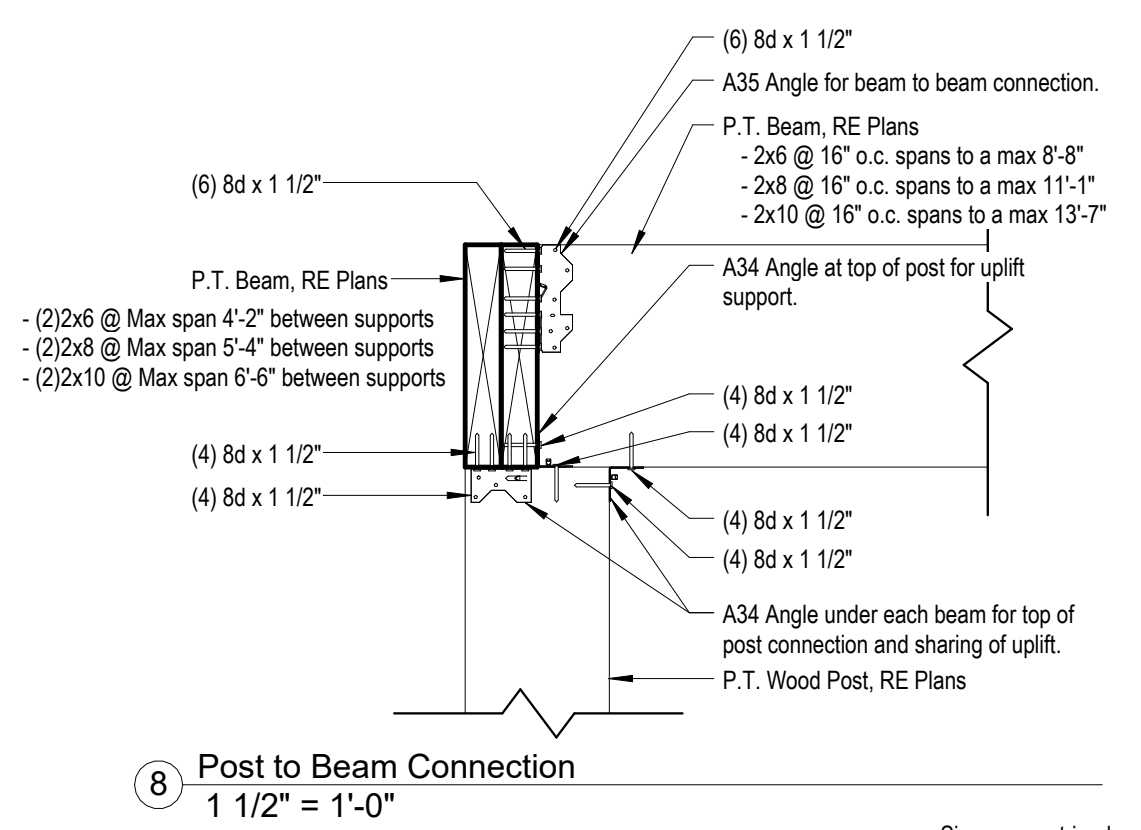
7 Gable Framing Requirements  
1" = 1'-0"

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

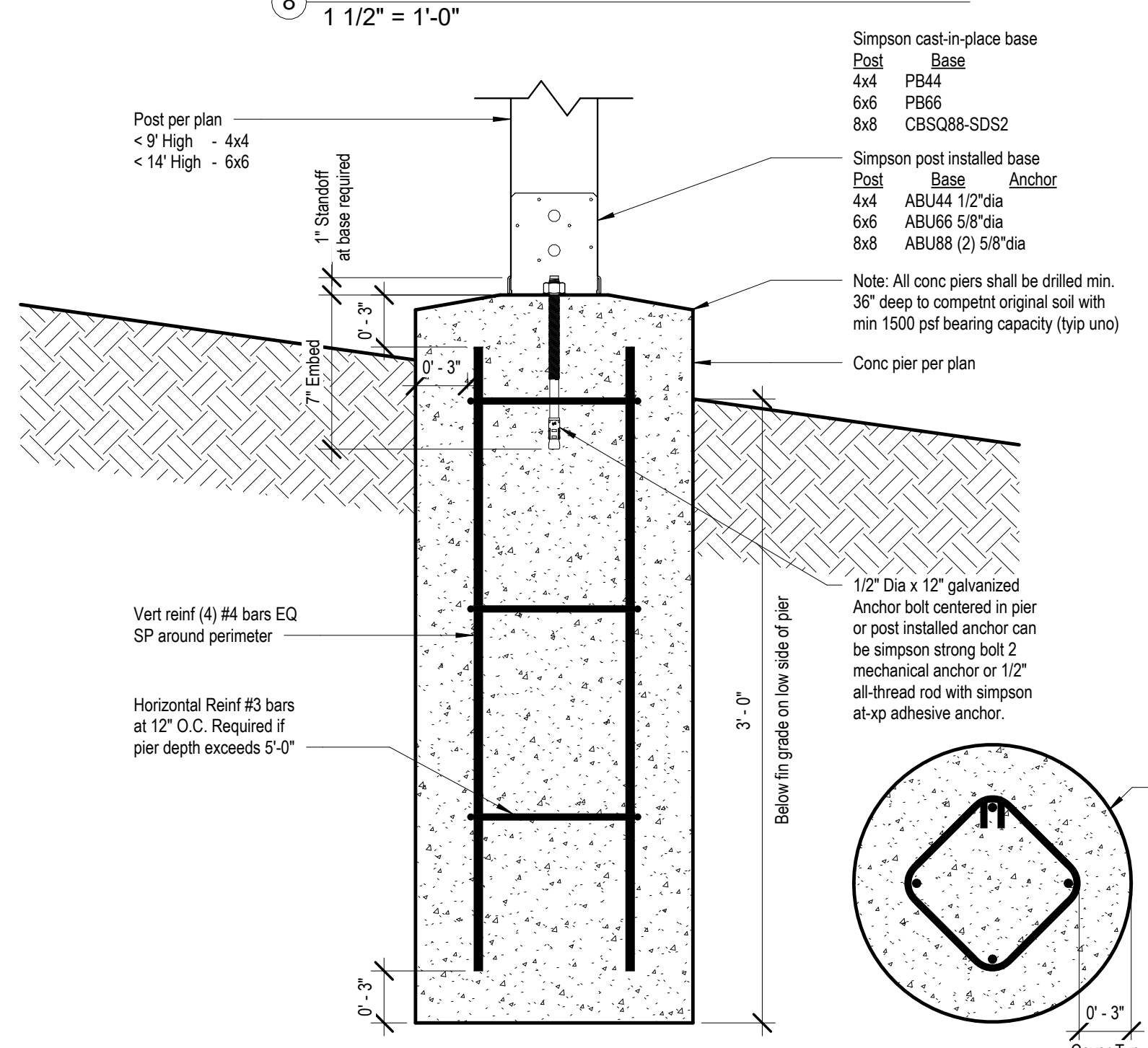
FURR OUT SCHEDULE		
RAFTER SIZE	R-30C INSULATION (*x" = 9 1/4")	R-38C INSULATION (*x" = 11 1/4")
2x6	2x6	2x8
2x8	2x8	2x8
2x10	NOT REQUIRED	2x4
2x12	NOT REQUIRED	NOT REQUIRED



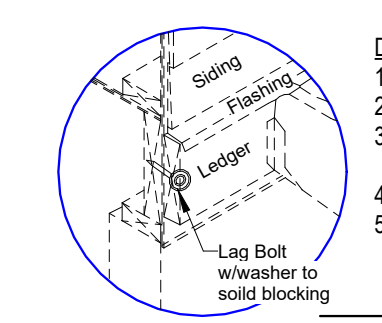
11 Deck Railing  
1/2" = 1'-0"



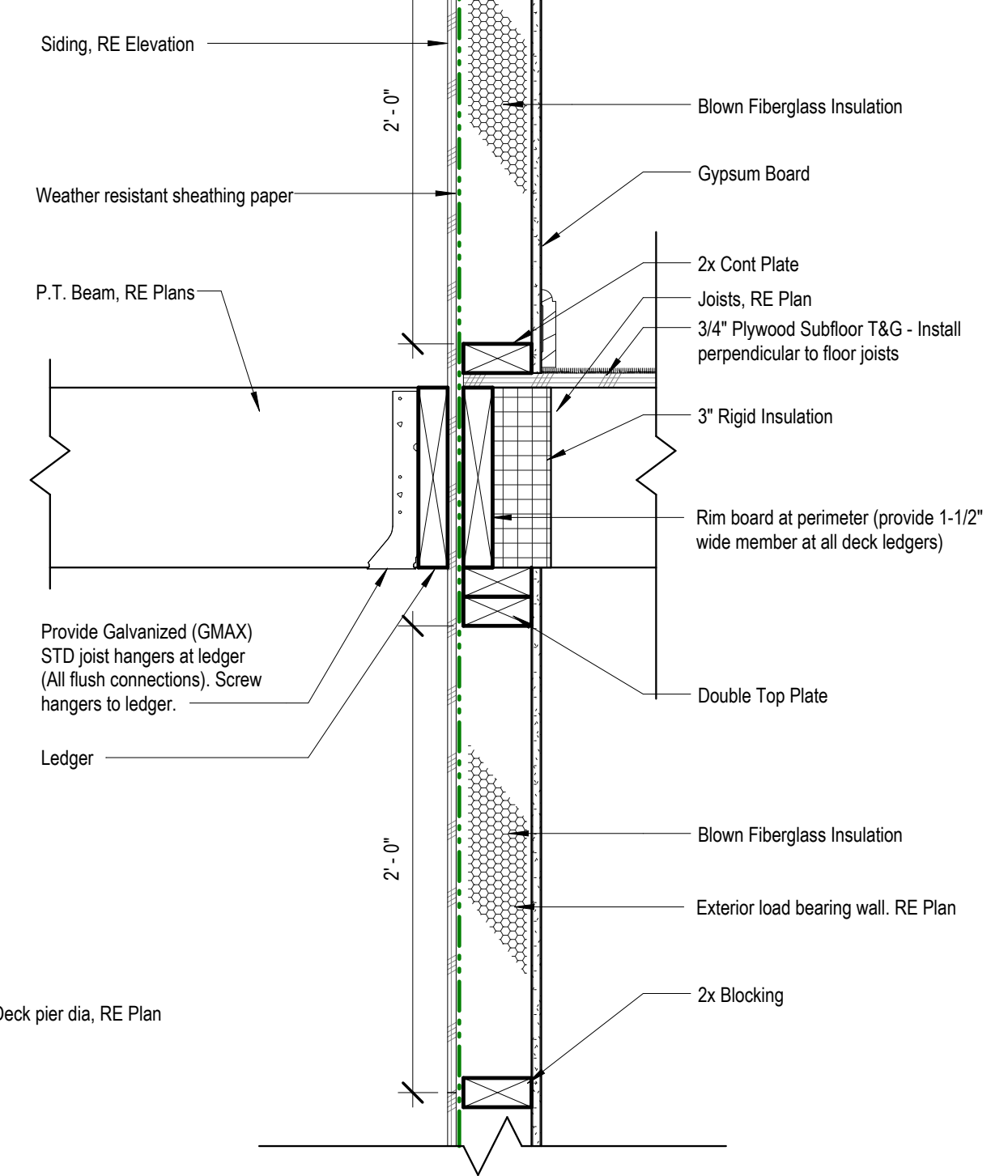
8 Post to Beam Connection  
1 1/2" = 1'-0"



9 Typ Details for Post/Pier  
1 1/2" = 1'-0"



Sheathing shall be continuous at floor with no splices within 2' of top and bottom plates.



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





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.

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 11/16 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.

Join Detail

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 Mixtures** — 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

**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.

**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 CC** — Type AG-C

**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"

Design No. U303

Bearing Wall Rating - 1Hr

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

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 5/8 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 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

Method CS-WSP

1/2" = 1'-0"

Method - GB

1/2" = 1'-0"

PORTAL FRAME METHOD CS-PF

1/2" = 1'-0"

FASTEN SHEATHING TO HEADER W/ 8d COMMON IN 3' GRID. PATTERN AS SHOWN & 3' O.C. IN FRAMING AS SHOWN (SUDS & SILLS) TYP.

HEADER SHALL BE FASTENED TO THE KING STUDS WITH 6-18d SINKER NAILS

MIN. 1,000 LB HEADER-TO-JACK STRAP BOTH SIDES OF OPENING PER TABLE R602.10.4.1.1 LSTA-24 STRAPS INSTALL ON BACKSIDE

MIN. (2) 2 x 4 POSTS

FOR PANEL SPLICE, PANEL EDGES SHALL BE BLOCKED & OCCUR WITHIN 24" OF MID-HEIGHT, ONE ROW OF TYP. SHEATHING TO FRAMING HAILING IS REQ'D. IN EACH PANEL

MIN. (2) 2X4 POSTS

CONC. FOUNDATION OR SOG LINE

MIN 2.5"x3/16" PLATE WASHER

ANCHOR BOLT PER R403.1.6

MIN 3" x 11 25" NET HEADER

HEADER SHALL OCCUR AT TOP OF WALL 2" TO 18" (FINISHED WIDTH)

MIN. 1,000 LB HEADER-TO-JACK STRAP BOTH SIDES OF OPENING PER TABLE R602.10.4.1.1 LSTA-24 STRAPS INSTALL ON BACKSIDE

MIN. (2) 2 x 4 POSTS

7/16" MIN. OSB SHEATHING

NO. OF JACK STUDS PER TABLE R502.5 (182)

BRACED WALL SEGMENT PER R602.10.4

TOP PLATE CONTINUITY IS REQUIRED PER SECTION R60.2.3.2

SIDE ELEV.

SHEATHING FILLER IF NEEDED

16d SINKER NAILS IN 2 ROWS @ 3' O.C.

7/16" MIN. THICKNESS WOOD STRUCTURAL PANEL SHEATHING

OUTSIDE CORNER DETAIL

INSIDE CORNER DETAIL

GARAGE DOOR CORNER DETAIL

CS-WSP Corner Framing Details

1 1/2" = 1'-0"

Sill Plate Layout/Details

1" = 1'-0"

Notching Requirments

1" = 1'-0"

Brace Wall Segment Attachment

Ceiling/Floor

1" = 1'-0"