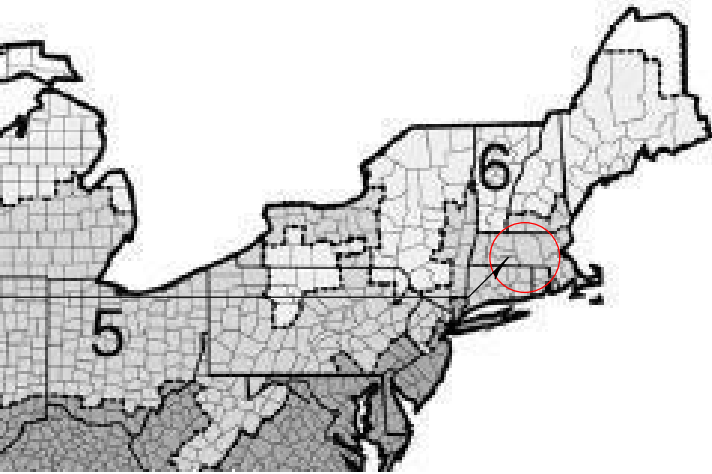
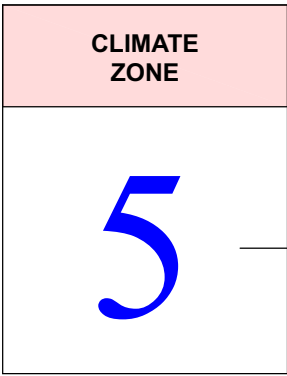


2015 IRC INTERNATIONAL RESIDENTIAL CODE® FOR ONE- AND TWO-FAMILY DWELLINGS			SNOW LOADS			BASIC WIND SPEED, V _{ult} (mph)			SEISMIC PARAMETERS (g)	
City/Town	Ground Snow Load, P _g (psf)	Minimum Flat Roof Snow Load, P _f ¹ (psf)	Risk Category I	Risk Category II	Risk Category III or IV	S _s			S _i	
Millis	40	35	118	129	139	0.188			0.065	



2021 INTERNATIONAL ENERGY CODE

TABLE R402.1.3 INSULATION MINIMUM R-VALUES AND FENESTRATION REQUIREMENTS BY COMPONENT^a

CLIMATE ZONE	FENESTRATION U-FACTOR ^{b,1}	SKYLIGHT ^b U-FACTOR	GLAZED FENESTRATION SHGC ^{b,4}	CEILING R- VALUE	WOOD FRAME WALL R- VALUE ^b	MASS WALL R- VALUE ^b	FLOOR R- VALUE	BASEMENT ^a WALL R- VALUE	SLAB ^d R- VALUE & DEPTH	CRAWL SPACE ^a WALL R- VALUE
0	NR	0.75	0.25	30	13 or 0 + 10	3/4	13	0	0	0
1	NR	0.75	0.25	30	13 or 0 + 10	3/4	13	0	0	0
2	0.40	0.65	0.25	49	13 or 0 + 10	4/6	13	0	0	0
3	0.30	0.55	0.25	49	20 or 13 + 5ci or 0 + 15	8/13	19	5ci or 13'	10ci, 2 ft	5ci or 13'
4 except Marine	0.30	0.55	0.40	60	20+5 or 13 + 10ci or 0 + 15	8/13	19	10ci or 13	10ci, 4 ft	10ci or 13
5 and Marine 4	0.30 ^f	0.55	0.40	60	20+5 or 13 + 10ci or 0 + 15	13/17	30	15ci or 19 or 13 + 5ci	10ci, 4 ft	15ci or 19 or 13 + 5ci
6	0.30 ^f	0.55	NR	60	20 + 5ci or 13 + 10ci or 0 + 20	15/20	30	15ci or 19 or 13 + 5ci	10ci, 4 ft	15ci or 19 or 13 + 5ci
7 and 8	0.30 ^f	0.55	NR	60	20 + 5ci or 13 + 10ci or 0 + 20	19/21	38	15ci or 19 or 13 + 5ci	10ci, 4 ft	15ci or 19 or 13 + 5ci

For SI: 1 foot = 304.8 mm.

NR = Not Required.

ci = continuous insulation.

- a. R-values are minimums. U-factors and SHGC are maximums. Where insulation is installed in a cavity that is less than the label or design thickness of the insulation, the installed R-value of the insulation shall be not less than the R-value specified in the table.
- b. The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration.
- c. **Exception:** In Climate Zones 0 through 3, skylights shall be permitted to be excluded from glazed fenestration SHGC requirements provided that the SHGC for such skylights does not exceed 0.30.
- d. "5ci or 13" means R-5 continuous insulation (ci) on the interior or exterior surface of the wall or R-13 cavity insulation on the interior side of the wall. "10ci or 13" means R-10 continuous insulation (ci) on the interior or exterior surface of the wall or R-19 cavity insulation on the interior side of the wall. "15ci or 19 or 13 + 5ci" means R-15 continuous insulation (ci) on the interior or exterior surface of the wall or R-19 cavity insulation on the interior side of the wall in addition to R-5 continuous insulation on the interior or exterior surface of the wall.
- e. R-5 insulation shall be provided under the full slab area of a heated slab in addition to the required slab-edge insulation R-value for slabs, as indicated in the table. The slab edge insulation for heated slabs shall not be required to extend below the slab.
- f. There are no SHGC requirements in the Marine Zone.
- g. Basement wall insulation is not required in warm-humid locations as defined by Figure R301.1 and Table R301.1.

- g. The first value is cavity insulation; the second value is continuous insulation. Therefore, as an example, "13 + 5" means R-13 cavity insulation plus R-5 continuous insulation.
- h. Mass walls shall be in accordance with Section R402.2.5. Where more than half the insulation is on the interior, the mass wall U-factors shall not exceed 0.17 in Climate Zones 0 and 1; 0.14 in Climate Zone 2; 0.12 in Climate Zone 3; 0.087 in Climate Zone 4 except Marine; 0.065 in Climate Zone 5 and Marine 4; and 0.057 in Climate Zones 6 through 8.
- i. A maximum U-factor of 0.32 shall apply in Climate Zones 3 through 8 to vertical fenestration products installed in buildings located either:
1. Above 4,000 feet in elevation, or
 2. In windborne debris regions where protection of openings is required by Section R301.2.1.2 of the International Residential Code.

TABLE R402.1.2 MAXIMUM ASSEMBLY U-FACTORS^a AND FENESTRATION REQUIREMENTS

CLIMATE ZONE	FENESTRATION U-FACTOR ^f	SKYLIGHT U-FACTOR	GLAZED FENESTRATION SHGC ^{b,4}	CEILING U- FACTOR	WOOD FRAME WALL U- FACTOR	MASS WALL U- FACTOR ^b	FLOOR U- FACTOR	BASEMENT WALL U- FACTOR	CRAWL SPACE WALL U- FACTOR
0	0.50	0.75	0.25	0.035	0.084	0.197	0.064	0.360	0.477
1	0.50	0.75	0.25	0.035	0.084	0.197	0.064	0.360	0.477
2	0.40	0.65	0.25	0.026	0.084	0.165	0.064	0.360	0.477
3	0.30	0.55	0.25	0.026	0.060	0.098	0.047	0.091 ^c	0.136
4 except Marine	0.30	0.55	0.40	0.024	0.045	0.098	0.047	0.059	0.065
5 and Marine 4	0.30	0.55	NR	0.024	0.045	0.082	0.033	0.050	0.055
6	0.30	0.55	NR	0.024	0.045	0.060	0.033	0.050	0.055
7 and 8	0.30	0.55	NR	0.024	0.045	0.057	0.028	0.050	0.055

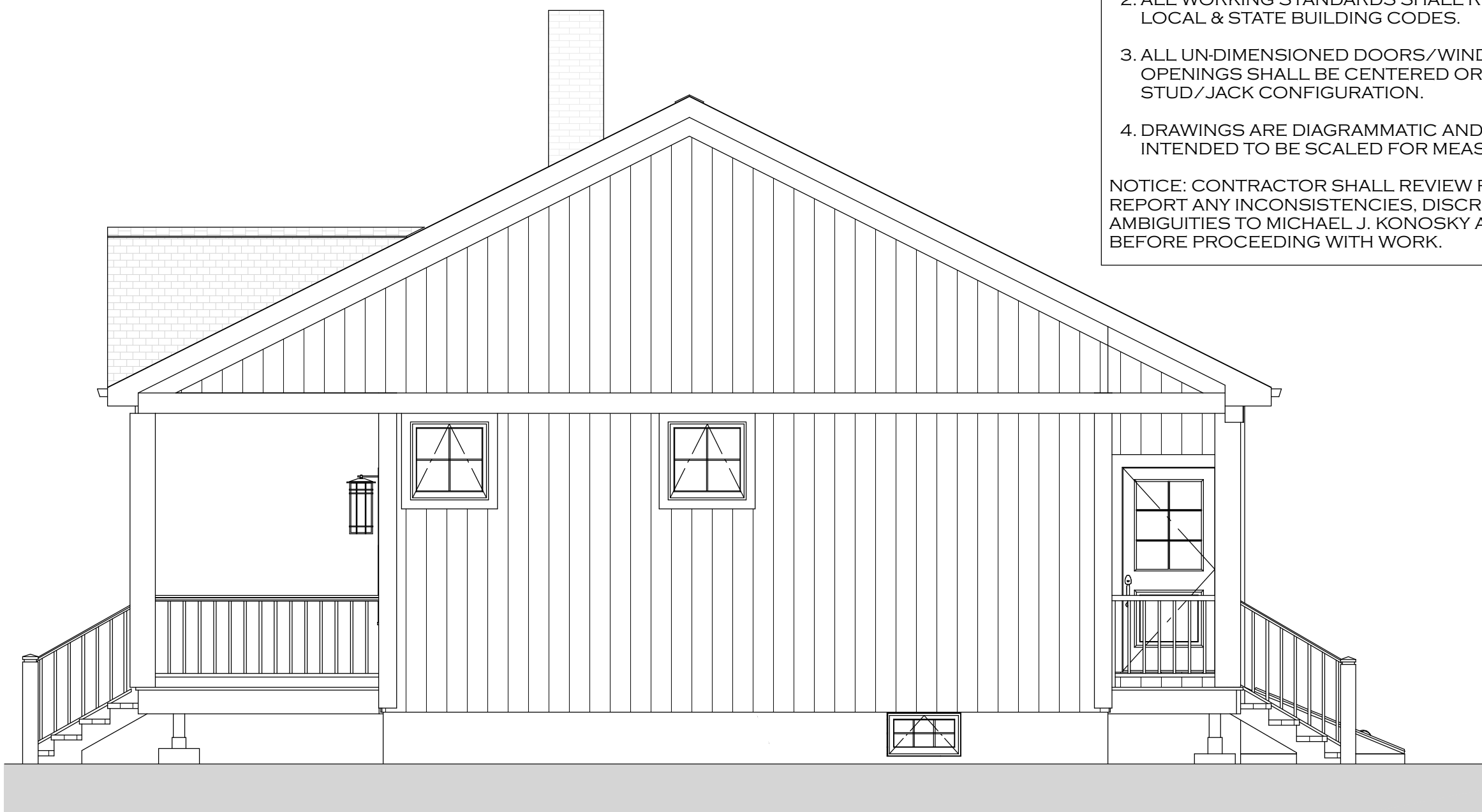
For SI: 1 foot = 304.8 mm.

- a. Nonfenestration U-factors shall be obtained from measurement, calculation or an approved source.
- b. Mass walls shall be in accordance with Section R402.2.5. Where more than half the insulation is on the interior, the mass wall U-factors shall not exceed 0.17 in Climate Zones 0 and 1; 0.14 in Climate Zone 2; 0.12 in Climate Zone 3; 0.087 in Climate Zone 4 except Marine; 0.065 in Climate Zone 5 and Marine 4; and 0.057 in Climate Zones 6 through 8.
- c. In warm-humid locations as defined by Figure R301.1 and Table R301.1, the basement wall U-factor shall not exceed 0.360.
- d. The SHGC column applies to all glazed fenestration.
- e. **Exception:** In Climate Zones 0 through 3, skylights shall be permitted to be excluded from glazed fenestration SHGC requirements provided that the SHGC for such skylights does not exceed 0.30.
- f. There are no SHGC requirements in the Marine Zone.
- g. A maximum U-factor of 0.32 shall apply in Marine Climate Zone 4 and Climate Zones 5 through 8 to vertical fenestration products installed in buildings located either:
1. Above 4,000 feet in elevation above sea level, or
 2. In windborne debris regions where protection of openings is required by Section R301.2.1.2 of the International Residential Code.



PROPOSED REAR ELEVATION
SCALE: 1/4"= 1'-0"

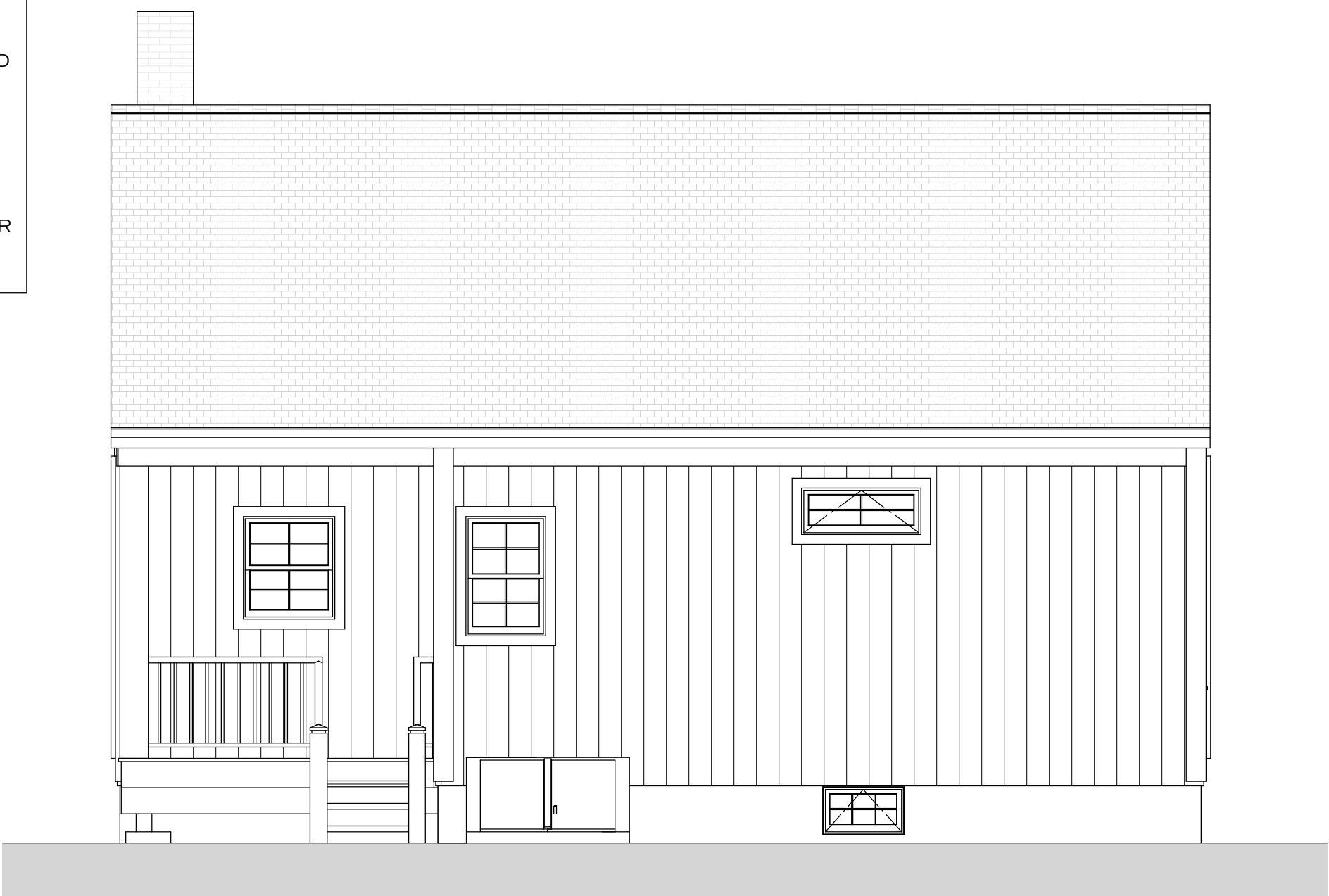
1. ALL DIMENSIONS AND ROOM SIZES SHALL BE VERIFIED BY BUILDER/OWNER BEFORE CONSTRUCTION.
 2. ALL WORKING STANDARDS SHALL REFLECT ALL LOCAL & STATE BUILDING CODES.
 3. ALL UN-DIMENSIONED DOORS/WINDOWS/CASED OPENINGS SHALL BE CENTERED OR HAVE A STUD/JACK CONFIGURATION.
 4. DRAWINGS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO BE SCALED FOR MEASUREMENTS.
- NOTICE: CONTRACTOR SHALL REVIEW PLAN AND REPORT ANY INCONSISTENCIES, DISCREPANCIES, OR AMBIGUITIES TO MICHAEL J. KONOSKY ASSOCIATES BEFORE PROCEEDING WITH WORK.



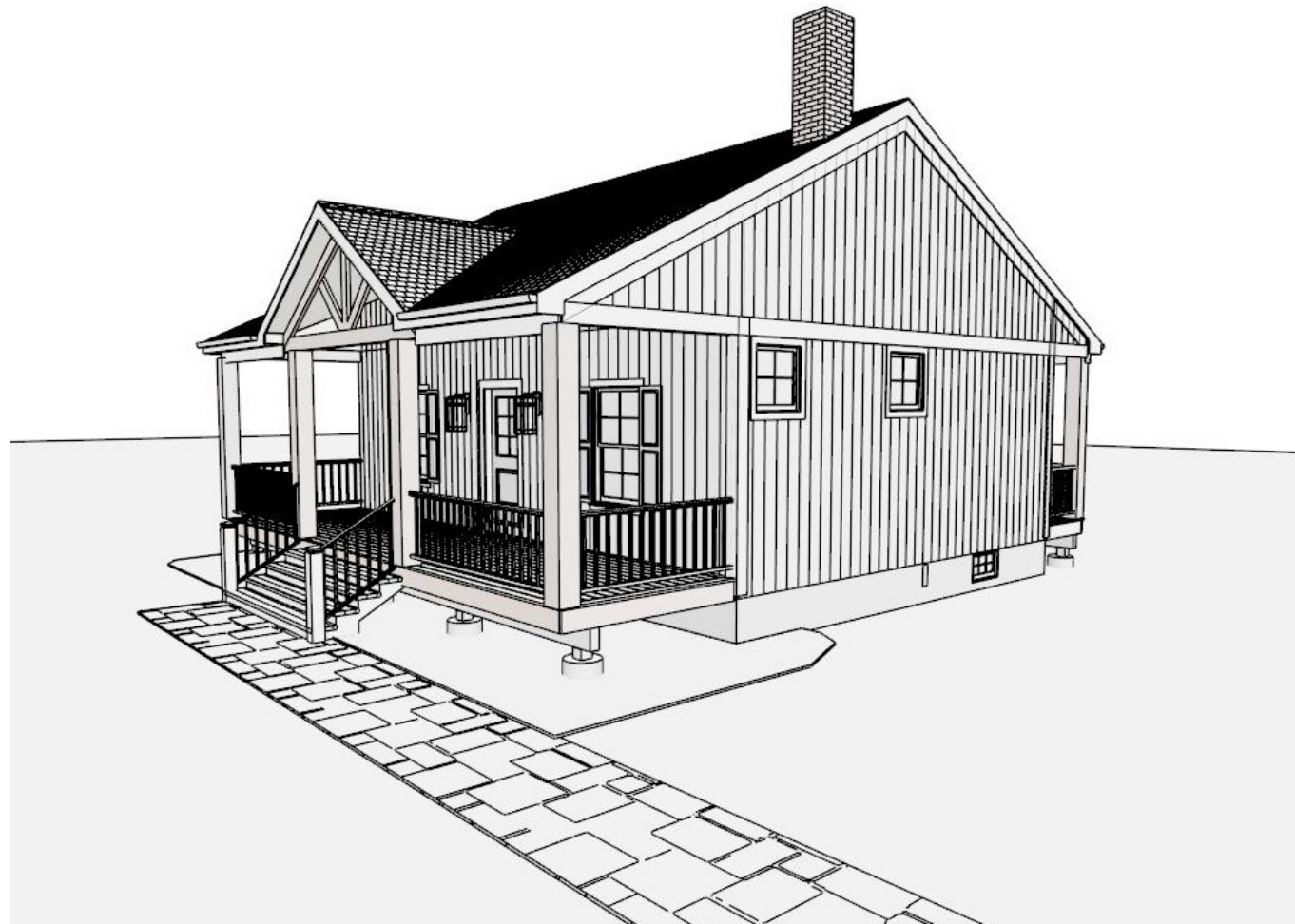
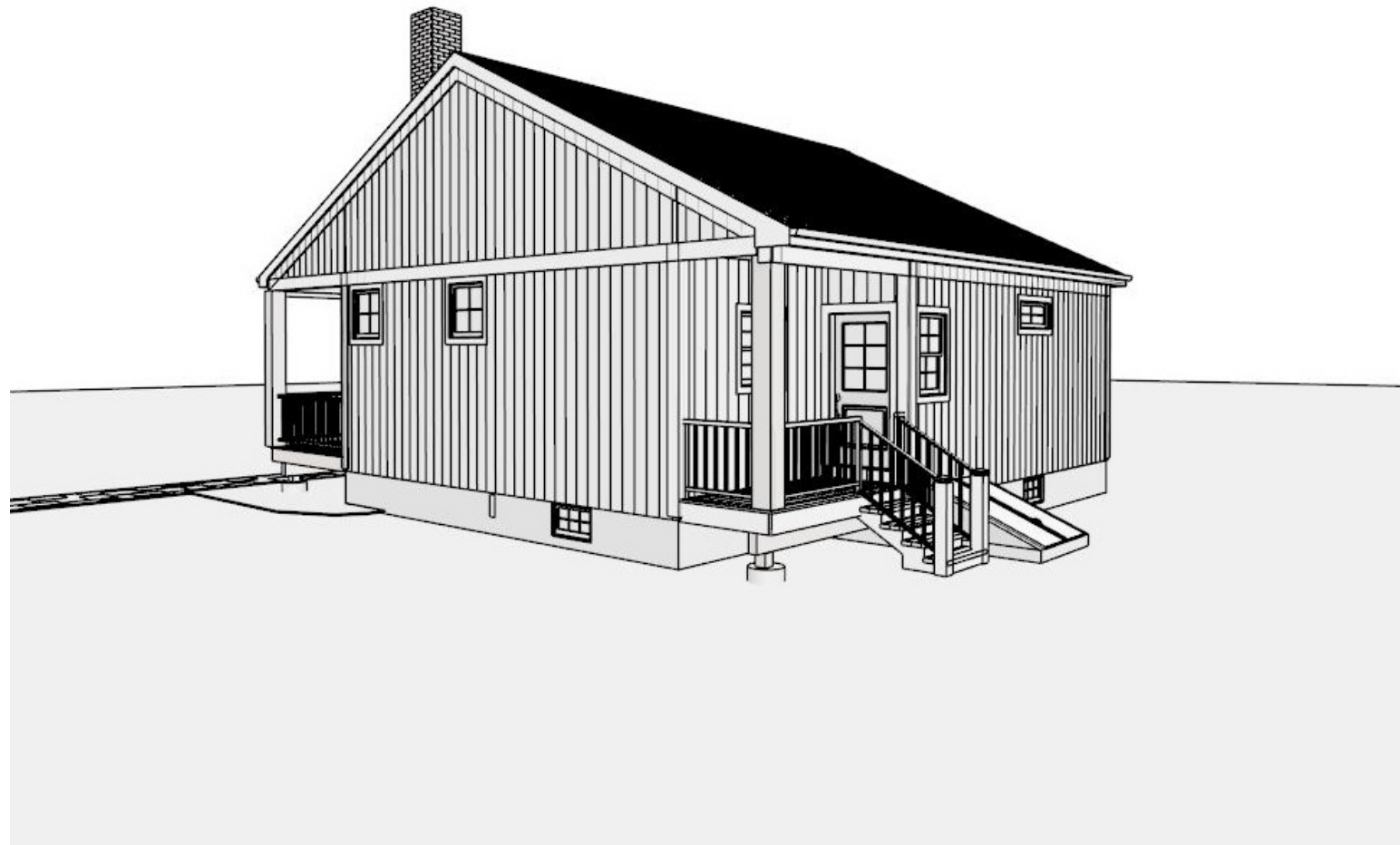
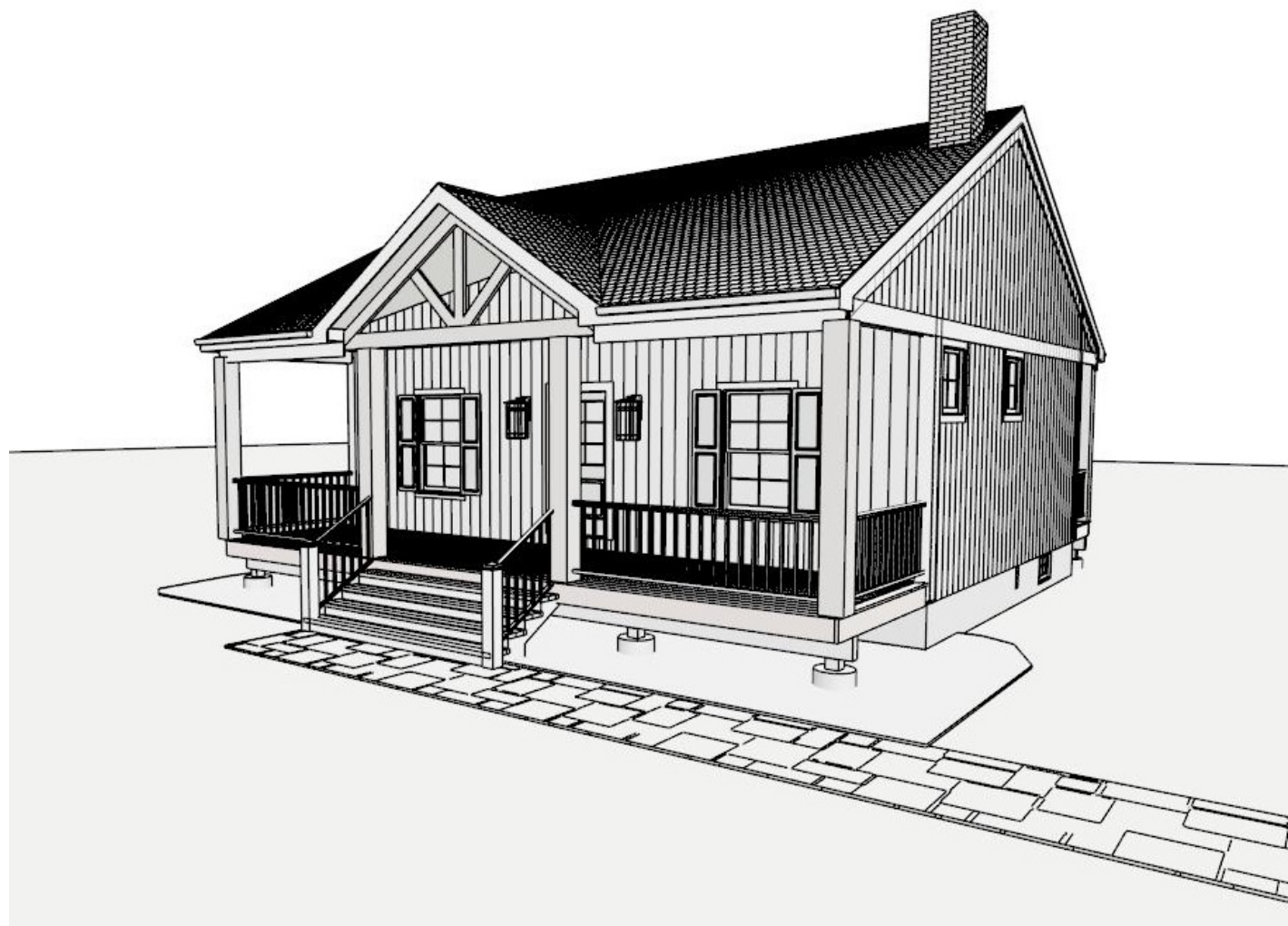
PROPOSED RIGHT - SIDE ELEVATION
SCALE: 1/4"= 1'-0"



PROPOSED LEFT - SIDE ELEVATION
SCALE: 1/4"= 1'-0"



PROPOSED FRONT ELEVATION
SCALE: 1/4"= 1'-0"



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CLIENT: ACESSORY DWELLING UNIT
SITE: LLEW ROGERS
FILE: 345_VILLAGE_ST_MILLIS
DRAWN DATE: 345_VILLAGE_ST_MILLIS
TUESDAY, MAY 27, 2025

KONOSKY ASSOCIATES INC.
225 INDUSTRIAL ROAD, BLDG. 2, WRENTHAM, MA 02093
508-520-1965 | WWW.KONOSKY.COM | INFO@KONOSKY.COM

PLAN# 102230
PLAN DATE 5/27/2025
DRAFTER CAROL NAKLER
sheet: A-01

