

2024 Code Significant Changes "Cheat Sheet"

Item	Project Thresholds	Code Section	2024 IRC w/ Town Amendments
Design Loads - Snow	New builds	R301	Per the ASCE Hazard Tool - Increased Loads
Shared Room Fire Separation	Alterations	R302.3.6	Requires separation requirement minimums fro various rooms
Fire Protection of Floors	Alterations	R302.13	Required 1/2" Drywall on all floor systems
Fire Sprinklers	Alterations 750 sf	R309.2	750sf Alterations will require sprinkler installation
Smoke Alarms	Window Replacement	R310	Combination units required - all projects
Stairway landings	New	R318.7.6	Additional exceptions for landings
Sleeping Lofts	New	R315	Details requirements for size, egress, etc.
Window Well Paths	New	R319.1	Requires 3' path to public right of way
Natural Ventilation	Alterations	R325.1.2	Mechanical ventilation required - Testing
Resistance heating	Alterations	N1103.7.1	Electric resistance heating not allowed
Interior Lighting Controls	New	N1104.2	Require dimmers or occupancy sensors (habitable)
Electrical	All	E3303.1.3	NEC only no IRC
Item	Project Thresholds	Code Section	2024 IBC
Fire Sprinklers	750 SF Alteration	803.2.1.1	Will be required regardless of drywall removal
Item	Project Thresholds	Code Section	2024 IPC
Water Service Thrust Block	New		Connection protection required at transition of materials
Sewer Line Tracing	New		Tracer wire required for underground sewer pipe on property
Shower heads	New	604.4	2.0 gpm max on shower heads
Hot Water Pipe Length			IECC limits lengths of hot water piping
Item	Project Thresholds	Code Section	2024 IMC
Crawlspace Ventilation	New crawlspaces	406.1 / 401.2	Natural ventilation no longer allowed
Interior ventilation	New and alterations	Amendments	Natural ventilation no longer allowed
Mechanical Engineer	1000sf of work area	Amendments	Mechanical engineer required for 1000sf area of work
Radiant Tubing / SnowMelt		1209.6 / 1209.7	Limits the length of radiant circuits
Item	Project Thresholds	Code Section	Model Electric and Solar Ready Code
Residential Solar	New, major renovations and additions	Solar Ready	Require 300sf for future solar panels, structural, conduit and panel space - unless solar feasibility study presented
Commercial Solar	New, major renovations and additions	Solar Ready	Require 40% of roof area, structural, panel space and conduit - unless feasibility study presented.
Residential Electric	New, major renovations and additions	Electric Ready Combustion Equipment	Requires dedicated branch circuit, receptacle or jbox, space for equipment, panel space, condensate drain
Commerical Electric	New, additions and first tenant finishes	Electric Ready Combustion Equipment	Requires dedicated branch circuit, receptacle or jbox, space for equipment, panel space, condensate drain
Residential EV Ready	New, major renovations and additions	EV Ready Parking	Each onsite parking place (split among 2) branch circuit, panel space, labeling
Commerical EV Ready	New, major renovations and additions	EV Ready Parking	# of spaces per table CV502.1 (split among 2) branch circuit, panel space, labeling
Item	Project Thresholds	Code Section	2024 IECC - Residential
Additional base requirements	New / Large Addition	Table R406.2	Requirements Beyond ERI required for compliance
ERI Score	New / Large Addition	Table R406.5	From 61 maximum to 53 w/o OPP and 43 with OPP
Blower Door Test	New / Large Addition	R402.5.1.3	From max 3 ACH to 2.5 ACH
Exisiting Buidlings	Additions	R502.1 General	Additions to an existing building, building system or portion thereof shall conform to the provisions of this code as those provisions relate to new construction. Additions shall not create an unsafe or hazardous condition or overload existing building systems
	Additions	R502.5 Additional energy efficiency credit requirements	Additions shall comply with sufficient measures from Table R408.2 to achieve not less than five credits. Alterations to the existing building that are not part of the addition but are permitted with an addition shall be permitted to be used to achieve this requirement.
	Alterations	R503.1	Alterations to any building or structure shall comply with the requirements of the code for new construction, without requiring the unaltered portions of the existing building or building system to comply with this code. Alterations shall be such that the existing building or structure is not less conforming to the provisions of this code than the existing building or structure was prior to the alteration.
	Change or Occupancy	R501.6	Any unconditioned or low-energy space that is altered to become conditioned space shall be required to be brought into full compliance with Section R502.
	Change or Occupancy	R505.1.1	Any space that is converted to a <i>dwelling unit</i> or portion thereof from another use or occupancy shall comply with this chapter.