

2021 CODE RESIDENTIAL
AMENDMENT
REMINDERS AND CLARIFICATIONS.

MASTER PLANS MUST BE UPDATED TO THE 2021 I-CODES

NEW SINGLE FAMILY HOMES, TWO-FAMILY HOMES, TOWNHOMES, AND APARTMENTS MUST USE THE TOTAL BUILDING PERFORMANCE (R405) OR THE ENERGY RATING INDEX (R406) COMPLIANCE PATH. INSPECTIONS BY APPROVED TESTERS, INCLUDING EXTERIOR RIGID CONTINUOUS INSULATION.

- THIRD PARTY TEST RESULTS MUST BE COMPLETED BY INDIVIDUALS THAT HOLD THE FOLLOWING CERTIFICATIONS: RESNET RATER OR RFI, BPI BUILDING ANALYST OR BPI IDL, OR OTHER BUILDING PERFORMANCE PROFESSIONAL APPROVED THE BUILDING OFFICIAL.

THE P2904 FIRE SPRINKLER SYSTEM USED AS THE METHOD OF FIRE PROTECTION FOR FLOORS (R302.13) MUST BE PROFESSIONALLY DESIGNED AND INCLUDE SHOP DRAWINGS.

PROJECTS FALLING UNDER THE COMMERCIAL ENERGY CODE WILL REQUIRE A THIRD PARTY "BUILDING ENVELOPE PERFORMANCE VERIFICATION" (C402.5.1.5).

ALL WOOD STRUCTURES, INCLUDING TOWNHOME AND MULTI-FAMILY STRUCTURES 3-STORIES OR GREATER WILL REQUIRE AN APPROVED THIRD PARTY EXTERIOR SHEAR WALL INSPECTION. (1705.5.4).

COMMERCIAL, INDUSTRIAL, AND HIGH-RISE PROJECTS WILL REQUIRE THIRD PARTY FIRE WALL PENETRATION INSPECTIONS. (COL AMENDMENTS).

AN APPROVED STROBE SHALL BE PROVIDED ON THE EXTERIOR OF ALL ONE-AND TWO-FAMILY DWELLINGS AND TOWNHOMES. (COL AMENDMENTS).

A HEAT DETECTOR SHALL BE INSTALLED IN THE GARAGE AND TIED INTO THE SMOKE / CO ALARMS OF RESIDENCES IN ONE-AND TWO-FAMILY DWELLINGS AND TOWNHOMES. (COL AMENDMENTS).

ASPHALT SHINGLES ARE REQUIRED TO BE CLASS IV IMPACT RESISTANT THAT MEET UL2218. (COL AMENDMENTS)

GARAGE DOORS SHALL BE LABELED WITH A PERMANENT LABEL PROVIDED BY THE GARAGE DOOR MANUFACTURER. THE LABEL SHALL IDENTIFY THE GARAGE DOOR MANUFACTURER, THE DOOR MODEL & SERIES NUMBER, AND POSITIVE AND NEGATIVE DESIGN WIND PRESSURE RATING, THE INSTALLATION INSTRUCTION DRAWING REFERENCE NUMBER, AND APPLICABLE TEST STANDARD. (R609.4.1)

BUILDING PLANS MUST INCLUDE INSTALLATION DETAILS FOR THE WATER RESISTIVE BARRIERS IN COMBINATION WITH FLASHING FOR A WEATHER PROTECTIVE SYSTEM.

DECKS: END GRAIN CONNECTIONS IN WITHDRAWAL ARE PROHIBITED FOR GUARDS. WHEN GUARDS ARE CONNECTED TO THE SIDE OF BEAMS OF JOISTS, THE BEAM OR JOIST SHALL BE CONNECTED TO ADJACENT JOISTS - FOR EXAMPLE BY BLOCKING OR STRAPS – TO RESIST ROTATION OF THE BEAM OR JOIST WHEN LOAD IS APPLIED TO THE GUARD. SEE (R507.10) FOR MORE REVISIONS TO SECTION.

****THIS NOTICE IS NOT INTENDED TO BE A COMPREHENSIVE LIST OF ALL 2021 I CODE CHANGES AND CITY OF LOVELAND AMENDMENTS.**

As per Colorado Revised Statutes, 12-58-114.5, (CONTEMPORANEOUS REVIEW) the **General Contractor shall place on the job bulletin board** the master plumber license, the journeyman plumbers license and the apprentice ratio for the project, this bulletin board shall, be updated with any changes.

City inspectors will request, at their discretion, any or all of the following:

- Verification of plumbing licenses for the plumbers working on the job site for compliance with Colorado Revised Statute Section 12-155-108.
- Verification of apprentices working on the job site for compliance with Colorado Statute Section 12-155-124.
- Verification that the plumbing contractor is the same as that listed on the building permit.

If the City inspector is unable to verify the identity or verification of any of the items listed above, the inspector may fail the inspection, at their discretion, until verification can be provided.

As per Colorado Revised Statutes 12-115-120 (CONTEMPORANEOUS REVIEW) the **General Contractor shall place on the job bulletin board** the master electrician license, the journeyman electricians license and the apprentice ratio for the project, this bulletin board shall, be updated with any changes.

City inspectors will request, at their discretion, any or all of the following:

- Verification of electrical licenses for the electricians working on the job site for compliance with Colorado Revised Statute Section 12-115-109.
- Verification of apprentices working on the job site for compliance with Colorado Statute Section 12-115-115.
- Verification that the electrical contractor is the same as that listed on the building permit.

If the City inspector is unable to verify the identity or verification of any of the items listed above, the inspector may fail the inspection, at their discretion, until verification can be provided.