



New Construction

Requirements Checklist

Residential Building Submittal Checklist for New Construction of Detached Single Family Dwellings, Duplexes, Triplexes and Townhomes

- REFERENCES:
- [2018 International Residential Code \(IRC\)](#)
 - [Boulder Revised Code, 1981 \(B.R.C.\) - Title 10 Structures](#)
 - [Boulder Revised Code, 1981 - Title 9 Land Use Code](#)
 - [2018 International Wildland-Urban Interface Code \(IWUIC\)](#)
 - [2024 City of Boulder Energy Conservation Code \(COBECC\)](#)
 - [2023 National Electrical Code](#)
 - [City of Boulder Design and Construction Standards](#)

SCOPE:

This checklist outlines the minimum documentation necessary to allow a permit application for the construction of a new single family dwelling, duplex, triplex or townhome to be taken in for review. Applicants may be required to submit additional information as necessary to clearly demonstrate compliance with all applicable codes. Please be advised that incomplete applications or plans that do not meet the submittal requirements will not be accepted for review.

For more information on any of the application requirements, refer to the [Residential Building Detailed Requirements Attachment](#). For information on how to prepare an application for submittal, refer to the [Online Permit Application Guide](#). Use this checklist for applying on-line through the [Customer Self-Service Portal \(CSS\)](#) or to apply through email.

REQUIRED MATERIALS:

- [Residential Building Permit Application for Detached One and Two-family Buildings, Residential Accessory Buildings and Townhomes](#) (required if submitting through email)
- Scope of Work Form ([Single Family Detached](#), [Duplex](#), [Triplex or Townhome](#))
- [Lot Area Declaration Form](#)
- [Zoning Data Worksheet](#) (Formerly known as the Maximum Floor Area Ratio (FAR) and Building Coverage Worksheet)
- [Stormwater & Flood Management Plant Investment Fee Calculation Form](#)
- [Plumbing Fixture Count and Irrigation Form](#)
- [Residential Housing, Development Excise Tax and Impact Fee Worksheet](#)
- Energy Rating Index Report (e.g., HERS)
- Heating and Cooling Equipment Sizing (ACCA Manuals)
- [Construction Waste Recycling Application](#)
- [Site Survey](#) (stamped by a Colorado Licensed Land Surveyor)
- Affordable Housing Compliance (if applying through email, enter case number)

MAY BE REQUIRED:

The following permits, approvals and supplemental information may be required based on the scope of the project and/or the location and development constraints of the property:

- Historic Approval ([Landmark Alteration Certificate](#) required for any building in a [historic district and for individual landmarks](#))
- [Floodplain Development Permit](#) (required for structures located in a [regulatory floodplain](#))
- [Stream, Wetland and Water Body Permit](#) (required for structures located in a [regulatory wetland](#))
- Soils Report (required for structures located on a steep slope or [area of mass movement](#))
- Grading and Drainage Plan (required for structures located on a steep slope or [area of mass movement](#))
- [International Wildland-Urban Interface Code](#) compliance information (required for structures located in the [Wildland Urban Interface Zone](#))
- Copies of Previous Approvals (Notice of Disposition and copies of any city-stamped development review approvals such as Accessory Dwelling Unit, Site Review or Minor Modification)

REQUIRED - CONSTRUCTION PLAN SET- (Minimum requirements for submittal):

- Plan drawings shall be drawn to scale, with a graphic scale bar on every page.
 - A 3" x 3" square shall be provided in the lower right corner of the first sheet for the City's approval stamp.
 - All sheets shall be the same size (oriented so that north is up) throughout the entire plan set, and of adequate size to clearly convey all information.
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- Site Plan
 - Landscape and Street Tree Plan
 - Solar Access Plan
 - Floor Plans
 - 2024 City of Boulder Energy Conservation Code (COBECC) [Residential Performance Checklist](#) (integrated into plan set)
 - Building Elevations
 - Building Cross Sections at relevant locations
 - Wall Section Details
 - Structural Drawings (must be stamped by a Colorado Licensed Engineer)

Please note: The City of Boulder will periodically adopt and amend updated versions of all Model Codes and the B.R.C. through public process. When this occurs, some of the items in this checklist may be changed or updated, and a new checklist should be obtained from the [Planning and Development Services Applications and Forms Database](#). This checklist applies only to the requirements of the 2018 IRC as amended, [Section 10-5.5 of the B.R.C.](#), as it applies to structures covered by the scope, relevant portions of the [2024 City of Boulder Energy Conservation Code](#) and [Title 9](#) of the B.R.C., and is not a complete or exhaustive list of the requirements of any adopted Code, or of all elements which should be included in a plan set, nor does it contain complete information describing what your permit application must contain to demonstrate compliance with the IRC or the B.R.C. Please contact the [Planning and Development Services Center](#) for more information.