

CHECKLIST

New Single Family Dwellings, Duplexes, and Townhouses Built Under the 2018 IRC

One Copy of each of the following documents is required. New single family homes can be submitted through email at buildingpermits@arvada.org

- Completed Permit Application
- Site Plan(s) with setbacks noted (lot coverage calculation required)
- Erosion/ Grading plan
- Floor Plans to include: Building Elevations, Cross Section(s), details, etc.
- Truss Specification Package, Stamped and Signed**
- Structural Plans, Stamped and Signed**
- Soils Report**
- Energy Report- calculation of Building Envelope Compliance***
- Set of Manual J, D, and S Calculations

Permit application must include the total project valuation with a breakout of separate valuations for electrical, mechanical, and plumbing work. Plans must include the proposed square footage. Multi-unit buildings must include details showing construction of rated walls/assemblies between units. Plans and any engineer letters must also include the applicable design criteria and adopted codes for the City of Arvada

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|---------------------------------------|------------------------------|
| ○ Roof Snow Load- 30 psf | ○ Wind Exposure C |
| ○ Ground Snow Load- 25 psf | ○ Frost Depth- 36" |
| ○ Wind Speed- 136 mph vult | ○ 2018 IRC as adopted |
| ○ West of Hwy 93- 150 mph vult | ○ 2020 NEC as adopted |

*See the most current version of the Colorado Revised Statutes 12-25-303 for requirements on when architectural stamped plans are required.

**By a professional licensed in the State of Colorado (engineer or architect).

***Only required when using a performance based method of compliance to demonstrate building envelope compliance requirements.