



Permit Type: SINGLE FAMILY HOME

Permit Subtype: CUSTOM HOME

You are applying for a Single Family Home CUSTOM HOME permit.

**Definition:** House will only be built once

Submittal Requirements: **Parker Highly recommends and prefers that all documents be submitted in electronic form.**

- 1 Set of complete plans – Architectural, Structural drawing signed and sealed by engineer  
Architectural (area schedule to include all options of decks ,patios and covers; foundation, basement layouts, floor plans, elevations, wall sections, air barrier details, water resistive barrier details/flashing details, roof ventilation, smoke detectors and carbon monoxide alarms locations)
- 1 Set of truss layouts and details stamped by the engineer of record.  
To expedite plan review it is recommended the structural engineer of record review all floor and roof truss layouts and details prior to submittal.
- 1 Set of energy compliance based on Chapter 11, Energy Conservation, method (Prescriptive- table N1102.1-2012 IRC, Total UA- Rescheck, or Performance (section 405 -2009IECC)) - From plans rating (if applicable)
- 1 HVAC load calculations (Manual J reports; Equipment Summary, Multi Zone Summary, Construction Report, Equipment Performance Data, Duct Fittings Used, Available Static Pressure, Total Equivalent Length, Friction Rate)
- 1 HVAC plans 24”x36” with CFM’s shown at each duct, all duct sizing and locations, combustion air, required dampers with controls and duct insulation if applicable
- Design temperature for mechanical systems:  
Outdoor Dry Bulb: Winter (-3<sup>0</sup>F) Summer 90<sup>0</sup>F Indoor Dry Bulb: Winter 70<sup>0</sup>F Summer 75<sup>0</sup> F
- Whole House Ventilation Strategy- Exhaust only, Supply only or Balanced- must be specified on the plans. Include required spot ventilation in Kitchens, Water Closet Rooms and Bathrooms. (See the Town of Parker amendments at [www.parkeronline.org](http://www.parkeronline.org))
- Plan check deposit, \$200.00

Applicable Codes:

2015 International Residential Code

2014 National Electric Code