



Town of Basalt
101 Midland Ave.
Basalt, CO 81621
(970) 927-4701

MANUAL J and S REQUIREMENTS

Type I Construction subject to the IRC,
Type II Construction subject to IECC Residential

- Software used must be ACCA Approved; list of software can be found here:
<https://www.acca.org/standards/approved-software>
- Design Criteria:
 - Elevation: 6,611
 - Heating, dry bulb: -2
 - Cooling, dry bulb: 85
 - Cooling, wet bulb: 57
 - Inside Temp, Winter: 68
 - Inside Temp, Summer: 75
 - Heating Degree Days: 7850
 - Cooling Degree Days: 182
- Load Short Form, Entire House
- Component Construction (Building Assemblies), Entire House
 - Wall, roof and floor assemblies & window u-factors, needs to match current design.
- Project Summary, Entire House
- [Manual S Compliance Spreadsheet](#)
 - Cut sheets of equipment – should not be more than 140% of the heating load and 115% of the cooling load calculated in the Manual J.
 - Note that Basalt’s Altitude Correction Factor is 0.787.
- Plan Sketch with North Arrow