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Jim Sitlington
SaltBox Custom Homes

Project: 1851 River Queen Lane - Blower Door Test Results

The home was tested for air-leakage rates relative to the 2021 IECC requirement of 3 air-changes per hour (ACH) at the standard rate of 50 Pascals negative pressure. The test was conducted with a blower door, infrared camera and chemical smoke. The project is nearly complete.

Testing results are as follows.

Permit number	SPRSF220630
Square footage (sf)	4217
Avg Ceiling ht.	12.5
Volume (cu ft)	52713
Maximum leakage @ ACH50 = 5 x Volume	158138
Maximum Air-leakage (cfm)	2636
Measured leakage @50 Pa (cfm)	2609
Measured leakage (cf/hour)	156540
Divide by Volume = Measured ACH50	2.97
Result	Pass





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Colorado Building Performance

Dan LeBlanc is a recognized leader in energy efficiency and sustainability. He has 25+ years of experience in building energy performance including building envelope optimization, energy modeling, auditing, commissioning and energy management. He has worked on a wide range of project types nationally and internationally including institutional, multi-family, office, manufacturing, core and shell, master plan, and mixed-use. As a LEED professional, he has successfully delivered more than 50 certified projects. Dan is also well versed in the construction process, having managed successful residential and institutional projects as a General Contractor.

Dan LeBlanc has been a BPI certified Building Analyst Professional for 10 years.

BPI ID #5056364, original certification in 2015, re-certified 12/11/2024..

