



**Planning, Development & Transportation Services
Community Development & Neighborhood Services**

FORT COLLINS RESIDENTIAL ENERGY CODE COMPLIANCE FORM

FORM 1 – Use this form for one and two family dwellings, townhouses, or multifamily up to 3 stories

Permit Number:	Address:
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DIRECTIONS: Place a check (✓) next to Prescriptive, UA, SPA or ERI indicating the path chosen. An air tightness Blower Door Test is required of all paths and must be equal to or less than 3 ACH50. Electrically heated buildings are required to use the prescriptive path (A).

	(A) PRESCRIPTIVE compliance for house, 2018 IRC, section N1102.1, Climate Zone 5		
	BUILDING ENVELOPE	INSULATION R-VALUE	ELECTRICALLY HEATED R-VALUE
	Roof insulation in attic	R-49	R-49
	Roof rafter insulation	R-30	R-30
	Wood frame wall insulation	R-20 or R-13+R-5ci*	R-20 + R-5ci*
	Crawl space wall	R-15ci*/19 or R-10ci*/13 w/ R-15 spray foam at rim joist	R-15ci*/19
	Wood floor (over unconditioned space)	R-30	R-30
	Walls below grade	R-15ci*/19 or R-10ci*/13 w/ R-15 spray foam at rim joist	R-15ci*/19
	Slab on grade floor (insulation must extend to top of slab)	R-10, 24" deep	R-10, 36" deep
	Windows	U-0.30	U-0.30

*ci denotes Continuous Insulation (ie: insulation such as rigid foam board that's not broken by framing cavity)

	(B) TOTAL UA ALTERNATIVE (REScheck), 2018 IRC, section N1102.1.4
	Submit a passing UA calculation (REScheck) using 2018 IRC/IECC. The rating must be submitted at time of application and must include address of residence, name of individual completing the rating form, name and version of software tool (i.e. REScheck).

	(C) SIMULATED PERFORMANCE ALTERNATIVE, 2018 IECC, section R405
	An energy rating system (HERS rating) must be utilized using approved and current software tools such as REM/Rate, Ekotrope, or EnergyGauge. A preliminary/projected rating passing 2018 IECC must be submitted at time of application. Rating must include Address, Name of certified Energy Rater, and version of software. Final ratings require a blower door test, must include the Home Energy Rating Certificate and must be submitted for certificate of occupancy.

	(D) ENERGY RATING INDEX (ERI) COMPLIANCE ALTERNATIVE, 2018 IECC, section R406
	An energy rating system must be utilized using approved and current software tools such as REM/Rate, Ekotrope, or EnergyGauge. A preliminary/projected ERI analysis must be submitted and shown to have an ERI index of less than or equal to 61. This is specific to climate zone 5 (found in 2018 IECC table R406.4).

Contractor: _____ Date: ___/___/_____

Signature: _____ Phone:(____) _____