



Permit Number: _____

ARE THE FOLLOWING CF1R INPUTS CONFIRMED ON THE PLANS?		Project Notes	YES	NO*
ROOFS, ATTICS, CEILINGS Sections 110.8(i), (j) / 150.0(a), (b), (g), (r) / 150.2(a), 150.2(b)1.H, 150.2(b)2				
Roofs {Mandatory Solar Ready Requirements: Section 110.10 applies for single family subdivision with 10 or more, or low-rise multifamily (exceptions may apply)}				
Cool Roof	Yes / No	Rise: Reflectance: Emittance:	<input type="checkbox"/>	<input type="checkbox"/>
Radiant Barrier	Yes / No		<input type="checkbox"/>	<input type="checkbox"/>
Status	New / Altered / Existing		<input type="checkbox"/>	<input type="checkbox"/>
Verified Existing Condition (HERS)	Yes / No / N/A		<input type="checkbox"/>	<input type="checkbox"/>
Attics (Opaque Surface Constructions)				
Framing (e.g. 2x10 @ 24 in. O.C.)			<input type="checkbox"/>	<input type="checkbox"/>
Insulation R-value	Cavity: Continuous:		1 <input type="checkbox"/>	<input type="checkbox"/>
Ceilings (Confirm separately as necessary)				
Ceiling(s): Gross Area by Name	Cathedral ceiling (below attic) / Interior ceiling	Area:	<input type="checkbox"/>	<input type="checkbox"/>
Status	New / Altered / Existing		<input type="checkbox"/>	<input type="checkbox"/>
Verified Existing Condition (HERS)	Yes / No / N/A		<input type="checkbox"/>	<input type="checkbox"/>
Opaque Surface Construction:				
Framing			<input type="checkbox"/>	<input type="checkbox"/>
Insulation R-value	Cavity: Continuous:		<input type="checkbox"/>	<input type="checkbox"/>
WALLS (Confirm separately as necessary) Sections 150.0(b)(c)(g) / 150.2(a)2 / 150.2(b)2				
Wall(s): Gross Area by Name	Exterior / Interior / Underground	Area:	<input type="checkbox"/>	<input type="checkbox"/>
Status	New / Altered / Existing		<input type="checkbox"/>	<input type="checkbox"/>
Verified Existing Condition (HERS)	Yes / No / N/A		<input type="checkbox"/>	<input type="checkbox"/>
Opaque Surface Construction:				
Framing			<input type="checkbox"/>	<input type="checkbox"/>
Insulation R-value	Cavity: Continuous:		2 <input type="checkbox"/>	<input type="checkbox"/>
FLOORS (Confirm separately as necessary) Sections 150.0(b)(d)(g)(l) / 150.1(c)1.C & D / 150.2(a)1 / 150.2(b)				
Floor(s): Gross Area by Name	Over crawlspace / Exterior / Interior / Underground	Area:	<input type="checkbox"/>	<input type="checkbox"/>
Status	New / Altered / Existing		<input type="checkbox"/>	<input type="checkbox"/>
Verified Existing Condition (HERS)	Yes / No / N/A		<input type="checkbox"/>	<input type="checkbox"/>
Opaque Surface Construction:				
Framing			<input type="checkbox"/>	<input type="checkbox"/>
Insulation R-value	Cavity: Continuous:		3 <input type="checkbox"/>	<input type="checkbox"/>



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FLOORS <i>continued</i>		YES	NO*
Slab floor(s):	<i>Area:</i>	<input type="checkbox"/>	<input type="checkbox"/>
Perimeter (ft)		<input type="checkbox"/>	<input type="checkbox"/>
Slab Edge Insulation	<i>R-value: Depth (in):</i>	<input type="checkbox"/>	<input type="checkbox"/>
Carpeted Fraction	<i>Covered / Exposed</i>	<input type="checkbox"/>	<input type="checkbox"/>
Heated	<i>Yes / No</i>	4 <input type="checkbox"/>	<input type="checkbox"/>
Status	<i>New / Altered / Existing</i>	<input type="checkbox"/>	<input type="checkbox"/>
Verified Existing Condition (HERS)	<i>Yes / No / N/A</i>	<input type="checkbox"/>	<input type="checkbox"/>
FENESTRATION & DOORS (Confirm separately as necessary) Sections 150.0(q) / 150.1(c)3 & 4/ 150.2(a)1 / 150.2(b)1.A & B			
Window Area(s): by name and orientation (side of building)	<i>Area:</i>	5 <input type="checkbox"/>	<input type="checkbox"/>
U-factor		6 <input type="checkbox"/>	<input type="checkbox"/>
Solar Heat Gain Coefficient (SHGC)		7 <input type="checkbox"/>	<input type="checkbox"/>
Shading Components	<i>Insect screen / Overhangs / Fins / None</i>	8 <input type="checkbox"/>	<input type="checkbox"/>
Status	<i>New / Altered / Existing</i>	<input type="checkbox"/>	<input type="checkbox"/>
Verified Existing Condition (HERS)	<i>Yes / No / N/A</i>	<input type="checkbox"/>	<input type="checkbox"/>
Door(s): by name and orientation (side of building)	<i>Area:</i>	<input type="checkbox"/>	<input type="checkbox"/>
U-factor		<input type="checkbox"/>	<input type="checkbox"/>
Status	<i>New / Altered / Existing</i>	<input type="checkbox"/>	<input type="checkbox"/>
Verified Existing Condition (HERS)	<i>Yes / No / N/A</i>	<input type="checkbox"/>	<input type="checkbox"/>
HERS VERIFICATION FOR BUILDING ENVELOPE (RA3.5 and RA3.8)			
QII	<i>Required / Not Required</i>	<input type="checkbox"/>	<input type="checkbox"/>
QII of Spray Foam Insulation	<i>Required / Not Required</i>	<input type="checkbox"/>	<input type="checkbox"/>
Building Envelope Air Leakage	<i>Required / Not Required</i>	<input type="checkbox"/>	<input type="checkbox"/>
Air Changes Per Hour (ACH) at 50 Pa	<i>Blower Door test value:</i>	<input type="checkbox"/>	<input type="checkbox"/>
Verified Existing Condition (Air Leakage)	<i>Required / Not Required</i>	<input type="checkbox"/>	<input type="checkbox"/>
Are the envelope measures in the plans equal to, or better than, the CF1R, and do they meet mandatory measures?		<input type="checkbox"/>	<input type="checkbox"/>

Comments / Reference Guide / Qualifications / End Notes

- Mandatory measures: for new attic or rafter roofs: Minimum R-30 cavity insulation at wood frame (or maximum weighted avg U=0.031); for altered rafter roof: Minimum R-19 cavity insulation at wood frame
- Mandatory measures: 2x4: minimum R-13 cavity insulation at wood frame (weighted avg max U=0.102); 2x6: minimum R-19 cavity insulation at wood frame (weighted avg max U=0.074); existing R-11 to remain OK with performance method only
- Mandatory measures: for typical: minimum R-19 cavity insulation at wood frame (weighted avg. max. U=0.037); for controlled vent/unvented crawlspace: See 150.0(d)2 exception
- Heated slab on grade floors meet mandatory minimum insulation R-values (Standards 110.8(g)
CZ 1-15: R-5 exterior perimeter insulation (vertical); or combined R-5 interior perimeter plus R-5 underslab (vertical and horizontal)
CZ 16: R-10 exterior perimeter insulation; or combined R-10 interior perimeter plus R-7 underslab
- Confirm fenestration by: area (rough opening) orientation (N, S, E, W)
- Check overall unit U-factor, which includes both glass and frame. Confirm if NFRC, Site-built (≤ 250 FT²), or Default. If NFRC or Site-built in Title 24 report, should be same in plans.
- Check overall unit SHGC which includes both glass and frame. Confirm if NFRC, Site-built (≤ 250 FT²), or Default. If NFRC or Site-built in Title 24 report, should be same in plans.
- Check for overhangs & side-fins
Exterior Shades: Insect Screens a default setting