Version 1.0

These requirements apply to all IRC building types, including detached one- and two-family dwellings and multiple single-family dwellings (townhouses).

Project Information	
Harris Remodel	
1640 72nd AVE SE Mercer Island	

Contact Information
Tom Brown-GHDA Architecture
tomb@ghdarch.com

Instructions: This single-family project will use the requirements of the Prescriptive Path below and incorporate the minimum values listed. Based on the size of the structure, the appropriate number of additional credits are checked as chosen by the permit applicant.

Provide all information from the following tables as building permit drawings: Table R402.1 - Insulation and Fenestration Requirements by Component, Table R406.2 - Fuel Normalization Credits and 406.3 - Energy Credits.

Authorized Representative	Date	
---------------------------	------	--

	All Climate Zones (Table R402.1.1)				
		R-Value ^a	U-Factor ^a		
Fen	Fenestration U-Factor ^b n/a 0.30				
Skylight U-Factor ^b n/a 0.50			0.50		
Gla	zed Fenestration SHGC ^{b,e}	n/a	n/a		
Ceiling ^e 49 0.026					
Wo	od Frame Wall ^{g,h}	21 int	0.056		
Floo	or	30	0.029		
	ow Grade Wall ^{c,h}	10/15/21 int + TB	0.042		
Slab	o ^{d,f} R-Value & Depth	10, 2 ft	n/a		
	R-values are minimums. U-fact	tors and SHGC are maximums. When insu	lation is installed in a cavity that is less		
а	than the label or design thickn	ess of the insulation, the compressed R-v	alue of the insulation from Appendix		
	Table A101.4 shall not be less	than the <i>R</i> -value specified in the table.			
b	The fenestration U-factor colu	mn excludes skylights.			
	"10/15/21 +5TB" means R-10	continuous insulation on the exterior of the	ne wall, or R-15 continuous insulation on		
	the interior of the wall, or R-22	1 cavity insulation plus a thermal break be	etween the slab and the basement wall at		
с	the interior of the basement w	all. "10/15/21 +5TB" shall be permitted t	o be met with R-13 cavity insulation on		
	the interior of the basement wall plus R-5 continuous insulation on the interior or exterior of the wall. "5TB"				
		veen floor slab and basement wall.			
d	d R-10 continuous insulation is required under heated slab on grade floors. See Section R402.2.9.1.				
e	For single rafter- or joist-vaulted ceilings, the insulation may be reduced to R-38 if the full insulation depth				
	extends over the top plate of the exterior wall.				
	R-7.5 continuous insulation installed over an existing slab is deemed to be equivalent to the required perimeter				
f					
	meet the requirements for thermal barriers protecting foam plastics.				
g	For log structures developed in compliance with Standard ICC 400, log walls shall meet the requirements for				
<u> </u>	climate zone 5 of ICC 400.				
1-		notes framing and insulation as described	-		
h	_	8% of the wall cavity insulated and heade	ers insulated with a minimum of R-10		
	insulation.				

Each dwelling unit *in a residential building* shall comply with sufficient options from Table R406.2 (fuel normalization credits) and Table 406.3 (energy credits) to achieve the following minimum number of credits. To claim this credit, the building permit drawings shall specify the option selected and the maximum tested building air leakage, and show the qualifying ventilation system and its control sequence of operation.

- Small Dwelling Unit: 3 credits
 Dwelling units less than 1,500 sf in conditioned floor area with less than 300 sf of fenestration area.
 Additions to existing building that are greater than 500 sf of heated floor area but less than 1,500 sf.
- 2. Medium Dwelling Unit: 6 credits All dwelling units that are not included in #1 or #3
- 3. Large Dwelling Unit: 7 credits Dwelling units exceeding 5,000 sf of conditioned floor area
- 4. Additions less than 500 square feet: 1.5 credits All other additions shall meet 1-3 above

Before selecting your credits on this Summary table, review the details in Table 406.3 (Single Family), on page 4.

Summary of Table R406.2				
Heating Options	Fuel Normalization Descriptions	Credits - select ONE heating option		User Notes
1	Combustion heating minimum NAECA ^b	0.0		
2	Heat pump ^c	1.0		
3	Electric resistance heat only - furnace or zonal	-1.0		
4	DHP with zonal electric resistance per option 3.4	0.5		
5	All other heating systems	-1.0		
Energy Options	Energy Credit Option Descriptions	Credits - s energy optic categ	on from each	
1.1	Efficient Building Envelope	0.5		
1.2	Efficient Building Envelope	1.0		
1.3	Efficient Building Envelope	0.5	×	
1.4	Efficient Building Envelope	1.0		
1.5	Efficient Building Envelope	2.0		
1.6	Efficient Building Envelope	3.0		
1.7	Efficient Building Envelope	0.5		
2.1	Air Leakage Control and Efficient Ventilation	0.5	X	
2.2	Air Leakage Control and Efficient Ventilation	1.0		
2.3	Air Leakage Control and Efficient Ventilation	1.5		
2.4	Air Leakage Control and Efficient Ventilation	2.0		
3.1ª	High Efficiency HVAC	1.0		
3.2	High Efficiency HVAC	1.0		
3.3ª	High Efficiency HVAC	1.5		
3.4	High Efficiency HVAC	1.5		
3.5	High Efficiency HVAC	1.5		
3.6ª	High Efficiency HVAC	2.0		
4.1	High Efficiency HVAC Distribution System	0.5	X	
4.2	High Efficiency HVAC Distribution System	1.0		

	Summary of Table R406.2 (cont.)					
Energy Options	Energy Credit Option Descriptions (cont.)	Credits - select ONE energy option from each category ^d		User Notes		
5.1 ^d	Efficient Water Heating	0.5				
5.2	Efficient Water Heating	0.5				
5.3	Efficient Water Heating	1.0				
5.4	Efficient Water Heating	1.5				
5.5	Efficient Water Heating	2.0				
5.6	Efficient Water Heating	2.5				
6.1 ^e	Renewable Electric Energy (3 credits max)	1.0				
7.1	Appliance Package	0.5				
	Total Credits		1.5	Calculate Total Clear Form		

a. An alternative heating source sized at a maximum of 0.5 W/sf (equivalent) of heated floor area or 500 W, whichever is bigger, may be installed in the dwelling unit.

b. Equipment listed in Table C403.3.2(4) or C403.3.2(5)

c. Equipment listed in Table C403.3.2(1) or C403.3.2(2)

d. You cannot select more than one option from any category EXCEPT in category 5. Option 5.1 may be combined with options 5.2 through 5.6. See Table 406.3.

e. 1.0 credit for each 1,200 kWh of electrical generation provided annually, up to 3 credits max. See the complete Table R406.2 for all requirements and option descriptions.

f. Use the single radiobutton in the upper right of the second column to deselect radiobuttons in that group.

Please print only pages 1 through 3 of this worksheet for submission to your building official.

	Table 406.3 – Energy Credits (Single Family)	
Option	Description	Credits: SF
Only one o Compliand	NT BUILDING ENVELOPE OPTIONS option from Items 1.1 through 1.7 may be selected in this category. The with the conductive UA targets is demonstrated using Section R402.1.4, Total UA alternative UA/Target UA)] > the required %UA reduction.	e, where [1-
1.1	Prescriptive compliance is based on Table R402.1.1 with the following modifications: Vertical fenestration U = 0.24	0.5
1.2	Prescriptive compliance is based on Table R402.1.1 with the following modifications: Vertical fenestration U = 0.20	1.0
1.3	Prescriptive compliance is based on Table R402.1.1 with the following modifications: Vertical fenestration U = 0.28 Floor R-38 Slab on grade R-10 perimeter and under entire slab below grade slab R-10 perimeter and under entire slab or N/A	0.5
1.4	Compliance based on Section R402.1.4: Reduce the Total conductive UA by 5% Prescriptive compliance is based on Table R402.1.1 with the following modifications: Vertical fenestration U = 0.25 Wall R-21 plus R-4 ci Floor R-38 Basement wall R-21 int plus R-5 ci Slab on grade R-10 perimeter and under entire slab Below grade slab R-10 perimeter and under entire slab or Compliance based on Section R402.1.4: Reduce the Total conductive UA by 15%	1.0
1.5	Prescriptive compliance is based on Table R402.1.1 with the following modifications: Vertical fenestration U = 0.22 Ceiling and single-rafter or joist-vaulted R-49 advanced Wood frame wall R-21 int plus R-12 ci Floor R-38 Basement wall R-21 int plus R-12 ci Slab on grade R-10 perimeter and under entire slab Below grade slab R-10 perimeter and under entire slab <i>or</i> Compliance based on Section R402.1.4: Beduce the Total conductive UA by 20%	2.0
1.6	Compliance based on Section R402.1.4: Reduce the Total conductive UA by 30% Prescriptive compliance is based on Table R402.1.1 with the following modifications: Vertical fenestration U = 0.18 Ceiling and single-rafter or joist-vaulted R-60 advanced Wood frame wall R-21 int plus R-16 ci Floor R-48 Basement wall R-21 int plus R-16 ci Slab on grade R-20 perimeter and under entire slab Below grade slab R-20 perimeter and under entire slab <i>or</i> Compliance based on Section R402.1.4: Reduce the Total conductive UA by 40%. Advanced framing and raised heel trusses or rafters	3.0
1.7	Vertical Glazing U-0.28 R-49 Advanced (U-0.020) as listed in Section A102.2.1, <i>Ceilings below a vented attic</i> and R-49 vaulted ceilings with full height of uncompressed insulation extending over the wall top plate at the eaves.	0.5

Description GE CONTROL AND EFFICIENT VENTILATION OPTIONS ion from Items 2.1 through 2.4 may be selected in this category. Compliance based on R402.4.1.2: Reduce the tested air leakage to 3.0 air changes per hour naximum at 50 Pascals or For R-2 Occupancies, optional compliance based on Section R402.4.1.2: Reduce the tested air leakage to 0.3 cfm/sf maximum at 50 Pascals and All whole house ventilation requirements as determined by Section M1507.3 of the <i>international Residential Code</i> or Section 403.8 of the <i>International Mechanical Code</i> shall be met with a high efficiency fan(s) (maximum 0.35 watts/cfm), not interlocked with the urnace fan (if present). Ventilation systems using a furnace including an ECM motor are illowed, provided that they are controlled to operate at low speed in ventilation only node. Fo qualify to claim this credit, the building permit drawings shall specify the option being elected and the maximum tested building air leakage, and shall show the qualifying rentilation system and its control sequence of operation. Compliance based on Section R402.4.1.2: Reduce the tested air leakage to 2.0 air changes ber hour maximum at 50 Pascals or	0.5
ion from Items 2.1 through 2.4 may be selected in this category. Compliance based on R402.4.1.2: Reduce the tested air leakage to 3.0 air changes per hour naximum at 50 Pascals <i>or</i> For R-2 Occupancies, optional compliance based on Section R402.4.1.2: Reduce the tested air leakage to 0.3 cfm/sf maximum at 50 Pascals <i>and</i> All whole house ventilation requirements as determined by Section M1507.3 of the <i>international Residential Code</i> or Section 403.8 of the <i>International Mechanical Code</i> shall be met with a high efficiency fan(s) (maximum 0.35 watts/cfm), not interlocked with the urnace fan (if present). Ventilation systems using a furnace including an ECM motor are allowed, provided that they are controlled to operate at low speed in ventilation only node.	0.5
Compliance based on R402.4.1.2: Reduce the tested air leakage to 3.0 air changes per hour naximum at 50 Pascals <i>or</i> For R-2 Occupancies, optional compliance based on Section R402.4.1.2: Reduce the tested air leakage to 0.3 cfm/sf maximum at 50 Pascals <i>and</i> All whole house ventilation requirements as determined by Section M1507.3 of the <i>international Residential Code</i> or Section 403.8 of the <i>International Mechanical Code</i> shall be met with a high efficiency fan(s) (maximum 0.35 watts/cfm), not interlocked with the urnace fan (if present). Ventilation systems using a furnace including an ECM motor are allowed, provided that they are controlled to operate at low speed in ventilation only node. Fo qualify to claim this credit, the building permit drawings shall specify the option being elected and the maximum tested building air leakage, and shall show the qualifying rentilation system and its control sequence of operation. Compliance based on Section R402.4.1.2: Reduce the tested air leakage to 2.0 air changes	0.5
All whole house ventilation requirements as determined by Section M1507.3 of the <i>international Residential Code</i> or Section 403.8 of the <i>International Mechanical Code</i> shall be met with a high efficiency fan(s) (maximum 0.35 watts/cfm), not interlocked with the urnace fan (if present). Ventilation systems using a furnace including an ECM motor are allowed, provided that they are controlled to operate at low speed in ventilation only mode.	0.5
International Residential Code or Section 403.8 of the International Mechanical Code shall be met with a high efficiency fan(s) (maximum 0.35 watts/cfm), not interlocked with the urnace fan (if present). Ventilation systems using a furnace including an ECM motor are allowed, provided that they are controlled to operate at low speed in ventilation only mode. To qualify to claim this credit, the building permit drawings shall specify the option being elected and the maximum tested building air leakage, and shall show the qualifying rentilation system and its control sequence of operation. Compliance based on Section R402.4.1.2: Reduce the tested air leakage to 2.0 air changes	0.5
elected and the maximum tested building air leakage, and shall show the qualifying rentilation system and its control sequence of operation. Compliance based on Section R402.4.1.2: Reduce the tested air leakage to 2.0 air changes	
For R-2 Occupancies, optional compliance based on Section R402.4.1.2: Reduce the tested air leakage to 0.25 cfm/sf maximum at 50 Pascals and All whole house ventilation requirements as determined by Section M1507.3 of the <i>international Residential Code</i> or Section 403.8 of the <i>International Mechanical Code</i> shall be met with a heat recovery ventilation system with minimum sensible heat recovery efficiency of 0.65 . ¹	1.0
Compliance based on Section R402.4.1.2: Reduce the tested air leakage to 1.5 air changes per hour maximum at 50 Pascals or	
For R-2 Occupancies, optional compliance based on Section R402.4.1.2: Reduce the tested hir leakage to 0.25 cfm/sf maximum at 50 Pascals and All whole house ventilation requirements as determined by Section M1507.3 of the <i>International Residential Code</i> or Section 403.8 of the <i>International Mechanical Code</i> shall be met with a heat recovery ventilation system with minimum sensible heat recovery efficiency of 0.75 . ¹	1.5
Compliance based on Section R402.4.1.2: Reduce the tested air leakage to 0.6 air changes per hour maximum at 50 Pascals or	
For R-2 Occupancies, optional compliance based on Section R402.4.1.2: Reduce the tested hir leakage to 0.15 cfm/sf maximum at 50 Pascals and All whole house ventilation requirements as determined by Section M1507.3 of the <i>International Residential Code</i> or Section 403.8 of the <i>International Mechanical Code</i> shall be met with a heat recovery ventilation system with minimum sensible heat recovery efficiency of 0.80. Duct installation shall comply with Section R403.3.7 . ¹	2.0
All not entropy of the second	I whole house ventilation requirements as determined by Section M1507.3 of the ternational Residential Code or Section 403.8 of the International Mechanical Code shall e met with a heat recovery ventilation system with minimum sensible heat recovery ficiency of 0.65 . ¹ or polyance based on Section R402.4.1.2: educe the tested air leakage to 1.5 air changes per hour maximum at 50 Pascals or or R-2 Occupancies, optional compliance based on Section M1507.3 of the ternational Residential Code or Section 403.8 of the International Mechanical Code shall I whole house ventilation requirements as determined by Section M1507.3 of the ternational Residential Code or Section 403.8 of the International Mechanical Code shall e met with a heat recovery ventilation system with minimum sensible heat recovery ficiency of 0.75 . ¹ or R-2 Occupancies, optional compliance based on Section R402.4.1.2: educe the tested air leakage to 0.6 air changes per hour maximum at 50 Pascals or or R-2 Occupancies, optional compliance based on Section R402.4.1.2: educe the tested air leakage to 0.6 air changes per hour maximum at 50 Pascals or or R-2 Occupancies, optional compliance based on Section R402.4.1.2: Reduce the tested air leakage to 0.6 air changes per hour maximum at 50 Pascals or or R-2 Occupancies, optional compliance based on Section R402.4.1.2: Reduce the tested air leakage to 0.6 air changes per hour maximum at 50 Pascals or or R-2 Occupancies, optional compliance based on Section R402.4.1.2: Reduce the tested air leakage to 0.6 air changes per hour maximum at 50 Pascals or or R-2 Occupancies, optional compliance based on Section R402.4.1.2: Reduce the tested air leakage to 0.6 air changes per hour maximum at 50 Pascals or or R-2 Occupancies, optional compliance based on Section R402.4.1.2: Reduce the tested reakage to 0.15 cfm/sf maximum at 50 Pascals and I whole house ventilation requirements as determined by Section M1507.3 of the ternational Residential Code or Section 403.8 of the Intern

	Table 406.3 – Energy Credits (Single Family)	
Option	Description	Credits: SF
3. HIGH EF	FICIENCY HVAC EQUIPMENT OPTIONS	
Only one o	ption from Items 3.1 through 3.6 may be selected in this category.	
3.1 ²	Energy Star rated (U.S. North) Gas or propane furnace with minimum AFUE of 95% or	1.0
	Energy Star rated (U.S. North) Gas or propane boiler with minimum AFUE of 90%. ²	1.0
3.2 ²	Air-source centrally ducted heat pump with minimum HSPF of 9.5. ³	1.0
	Closed-loop ground source heat pump; with a minimum COP of 3.3 or	
3.3 ²	Open loop water source heat pump with a maximum pumping hydraulic head of 150 feet and minimum COP of 3.6. ³	1.5
2.4	Ductless mini-split heat pump system, zonal control: In homes where the primary space heating system is zonal electric heating, a ductless mini-split heat pump system with a	4.5
3.4	minimum HSPF of 10.0 shall be installed and provide heating to the largest zone of the housing unit. ⁴	1.5
3.5 ²	Air-source, centrally ducted heat pump with minimum HSPF of 11.0. ⁴	1.5
	Ductless split system heat pumps with no electric resistance heating in the primary living	
	areas. A ductless heat pump system with a minimum HSPF of 10 shall be sized and	
3.6 ²	installed to provide heat to entire dwelling unit at the design outdoor air temperature.	2.0
5.0	To qualify to claim this credit, the building permit drawings shall specify the option being selected, the heated floor area calculation, the heating equipment type(s), the minimum	2.0
	equipment efficiency, and total installed heat capacity (by equipment type).	
² An alterr	native heating source sized at a maximum of 0.5 W/sf(equivalent) of heated floor area or 500 W, w	hichever is
bigger, m	ay be installed in the dwelling unit.	
³ To qualify	to claim this credit, the building permit drawings shall specify the option being selected and shall	specify
the heati	ng equipment type and the minimum equipment efficiency.	
⁴ To qualify	to claim this credit, the building permit drawings shall specify the option being selected and shall	specify
the heati	ng equipment type and the minimum equipment efficiency.	
4. HIGH EF	FICIENCY HVAC DISTRIBUTION SYSTEM OPTIONS	
	All supply and return ducts located in an unconditioned attic shall be deeply buried in	
	ceiling insulation in accordance with Section R403.3.7.	
	For mechanical equipment located outside the conditioned space is maximum of 10 linear	
	For mechanical equipment located outside the conditioned space, a maximum of 10 linear feet of return duct and 5 linear feet of supply duct connections to the equipment may be	
	outside the deeply buried insulation. All metallic ducts located outside the conditioned	
4.1	space must have both transverse and longitudinal joints sealed with mastic. If flex ducts	0.5
	are used, they cannot contain splices.	
	Duct leakage shall be limited to 3 cfm per 100 square feet of conditioned floor area.	
	Air handler(s) shall be located within the conditioned space.	
	HVAC equipment and associated duct system(s) installation shall comply with the requirements of Section R403.3.7.	
	requirements of Section R403.3.7.	
	Locating system components in conditioned crawl spaces is not permitted under this option.	
4.2	Electric resistance heat and ductless heat pumps are not permitted under this option.	1.0
	Direct combustion heating equipment with AFUE less than 80% is not permitted under this option.	
	To qualify to claim this credit, the building permit drawings shall specify the option being selected and shall specify the heating equipment type and shall show the location of the heating and cooling equipment and all the ductwork.	

Table 406.3 – Energy Credits (Single Family)		
Option	Description	Credits: SF
5. EFFICIE	INT WATER HEATING OPTIONS	
Only one option from Items 5.2 through 5.6 may be selected in this category. Item 5.1 may be combined with any option.		
5.1	A drain water heat recovery unit(s) shall be installed, which captures waste water heat from all and only the showers, and has a minimum efficiency of 40% if installed for equal flow or a minimum efficiency of 54% if installed for unequal flow. Such units shall be rated in accordance with CSA B55.1 or IAPMO IGC 346-2017 and be so labeled. To qualify to claim this credit, the building permit drawings shall include a plumbing diagram that specifies the drain water heat recovery units and the plumbing layout needed to install it. Labels or other documentation shall be provided that demonstrates that the unit complies with the standard.	0.5
5.2	Water heating system shall include one of the following:	0.5
5.2	Energy Star rated gas or propane water heater with a minimum UEF of 0.80. ⁵	0.5
	Water heating system shall include one of the following: Energy Star rated gas or propane water heater with a minimum UEF of 0.91 or Solar water heating supplementing a minimum standard water heater. Solar water heating will provide a rated minimum savings of 85 therms or 2000 kWh based on the Solar Rating and Certification Corporation (SRCC) Annual Performance of OG-300 Certified Solar Water Heating	
5.3	Systems <i>or</i>	1.0
	Water heater heated by ground source heat pump meeting requirements of Option 3.3.	
	To qualify to claim this credit, the building permit drawings shall specify the option being selected and shall specify the water heater equipment type and the minimum equipment efficiency and, for solar water heating systems, the calculation of minimum energy savings.	
5.4	Water heating system shall include one of the following: Electric heat pump water heater meeting the standards for Tier I of NEEA's advanced water heating specification or For R-2 Occupancy, electric heat pump water heater(s), meeting the standards for Tier I of NEEA's advanced water heating specification, shall supply domestic hot water to all units. If one water heater is serving more than one dwelling unit, all hot water supply and recirculation piping shall be insulated with R-8 minimum pipe insulation. ⁵	1.5
5.5	Water heating system shall include one of the following: Electric heat pump water heater meeting the standards for Tier III of NEEA's advanced water heating specification or For R-2 Occupancy, electric heat pump water heater(s), meeting the standards for Tier III of NEEA's advanced water heating specification, shall supply domestic hot water to all units. If one water heater is serving more than one dwelling unit, all hot water supply and recirculation piping shall be insulated with R-8 minimum pipe insulation. ⁵	2.0
5.6	Water heating system shall include one of the following: Electric heat pump water heater with a minimum UEF of 2.9 and utilizing a split system configuration with the air-to-refrigerant heat exchanger located outdoors. Equipment shall meet Section 4, requirements for all units, of the NEEA standard <i>Advanced Water Heating</i> <i>Specification</i> with the UEF noted above or For R-2 Occupancy, electric heat pump water heater(s), meeting the standards for Tier III of	2.5
⁵ To qual	NEEA's advanced water heating specification and utilizing a split system configuration with the air-to-refrigerant heat exchanger located outdoors, shall supply domestic hot water to all units. If one water heater is serving more than one dwelling unit, all hot water supply and recirculation piping shall be insulated with R-8 minimum pipe insulation. ⁵ ify to claim this credit, the building permit drawings shall specify the option being selected and s	shall

specify the water heater equipment type and the minimum equipment efficiency.

Table 406.3 – Energy Credits (Single Family)			
Option	Description	Credits: SF	
6. RENEWABLE ELECTRIC ENERGY OPTION			
	For each 1200 kWh of electrical generation per housing unit provided annually by on-site wind or solar equipment a 1.0 credit shall be allowed, up to 3 credits. Generation shall be calculated as follows:		
	For solar electric systems, the design shall be demonstrated to meet this requirement using the National Renewable Energy Laboratory calculator PVWATTs or approved alternate by the code official.	ş	
6.1	Documentation noting solar access shall be included on the plans. For wind generation projects designs shall document annual power generation based on the following factors: the wind turbine power curve; average annual wind speed at the site; frequency distribution of the wind speed at the site and height of the tower.	1.0	
	To qualify to claim this credit, the building permit drawings shall specify the option being selected and shall show the photovoltaic or wind turbine equipment type, provide documentation of solar and wind access, and include a calculation of the minimum annual energy power production.		
7. APPLIAN	ICE PACKAGE OPTION		
7.1	All of the following appliances shall be new and installed in the dwelling unit and shall meet the following standards: Dishwasher – Energy Star rated Refrigerator (if provided) – Energy Star rated Washing machine – Energy Star rated Dryer – Energy Star rated, ventless dryer with minimum CEF rating of 5.2	t 0.5	
	To qualify to claim this credit, the building permit drawings shall specify the option being selected and shall show the appliance type and provide documentation of Energy Star compliance. At the time of inspection, all appliances shall be installed and connected to utilities. Dryer ducts and exterior dryer vent caps are not permitted to be installed in the dwelling unit.		