

Green Initiatives:

	pts	
Energy Star appliances: all initiatives chosen in this category must be included in all units for new const & where replaced for rehab (see list below)		
Refrigerator	5	
Clothes Washer (if provided)	5	
Dishwasher (if provided)	5	
Range Hood	5	
Ceiling Fans (if provided)	5	
Bathroom exhaust fans	5	
Insulation- exceeds IECC code requirement by at least 5%, list what value will be used	5	
Windows - exceeds IECC code requirement by at least 5%, list what value will be used	5	
Low/No VOC paint/adhesive	5	
Engineered Lumber	5	
Water efficient landscaping- all for new Const, where replaced/modified for Rehab	5	
On-site recycle or repurpose of construction materials	5	
Water flow saving device - Showerheads=1.5 GPM & Kitchen Faucets=1.5 GPM & Lav faucets=1.0 GPM	5	
Rain sensing landscape sprinklers or rain adjustable system	5	
Photovoltaic Panels	10	
Use of Montana products - 25% minimum	10	
Formaldehyde free/full sealed countertop	10	
Smokefree policy that includes all units, buildings, and their respective indoor common areas using a 20 foot setback from windows and doors if smoking outdoors is allowed	10	
A partnership with local or statewide health agencies offering cessation services	10	
Solar Hot Water system	10	

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Insert points allowed for each Initiative to be included in the property, may earn up to 100 points

The items listed below are either code and are therefore required or will be required in the QAP

Insulation and Windows meeting State Adopted IECC standards – minimum (Rehab and New Construction)

LED lighting

All Exterior (all for New Const, where replaced for Rehab)

All Interior lighting shall have CFL or LED bulbs

Multi Family Project - Blower Door testing and Certification of 20% of the total units for projects with a total unit count of 9 or more. The Developer or Builder must notify MBOH at least one week in advance of the date and time that tests will be performed and MBOH staff must be permitted to attend and observe such testing. Proof of such testing must be submitted to MBOH to qualify for issuance of Form 8609(s), demonstrating at least meeting the State Adopted IECC level of ACH at the time the project is awarded. (New Const only) Single Family is covered by code

Infrared tests will be required on 50% of dwelling units and all common areas both before and after the Rehabilitation. The Developer or Builder must notify MBOH at least one week in advance of the date and time that post-Rehabilitation infrared tests will be performed and MBOH staff must be permitted to attend and observe such testing. Proof of such testing must be submitted to MBOH to qualify for issuance of Form 8609(s), demonstrating at least 20 degrees temperature difference from outdoors to inside the unit. (Rehab only)

Min Code requirement or as labeled below: (all for New Const, where replaced for Rehab)

Toilets = 1.6 GPF min (3 inch flapper is recommended)

Range/bathroom fans vented to exterior (New Const only)

Carbon Monoxide Detectors in all units that provide Gas Fired Appliances or Equipment within the unit (New Const and Rehab)

Flooring (All for New Const, where replaced for Rehab)

Carpet – 26 oz min

Hard Surface – 12 mil min

Cabinets (All for New Const, where replaced for Rehab)

Must have “No” added urea Formaldehyde

Must comply with AWI Architectural Woodwork Quality Standards

Must contain cabinet fronts made from solid wood. Front stiles pocket-drilled and assembled with screws for rugged durability. Side and back panels are made from 3/8" vinyl covered particleboard min. For wood surfaces that are to be coated or laminated with vinyl or water resistant coating, the coating or laminate should be applied as soon as practicable, to reduce formaldehyde emissions.

MBOH concerns about the following

Blower door tests on more than 20% of the units - MBOH is comfortable with 20% random selection for testing, A larger selection raises costs

Range/bathroom fans vented to exterior (Rehab only) - can be very expensive

Locate trees, plantings to provide shade for 50% of hardscape at maturity - Like the idea of providing the shade, it impacts the amount of heat generated in the units by the sun. MBOH concerns are on the compliance side. That number of trees would need to be there through the affordability period. Trees have to be removed because of impact on roofs or siding, the roots impacting the ground, sidewalks, or water and sewer lines. Those trees would have to be replaced when they are gone or die

Certifications for LEED for Homes, Enterprise Green Communities, Current Applicable Energy Star, ICC 700 National Green Building Standards - Due Diligence for certifications and certifications are expensive. The items used to qualify for those certifications can be incorporated without the cost of certifications

Passive House Institute language will be added to Energy and Green Initiatives on page 17 of the final QAP proposed to the board for approval

Toilets less than 1.6 GPF, MBOH called some plumbers. Plumbers concerns were they can plug easily and don't clean the bowl (items left behind when flushed) so customers complained about having to flush a second time.

Adding 10% recycle content to flooring requirements - some developer concern was expressed about recycled carpet at the QAP discussion meeting. MBOH concern compliance throughout the affordability period.

Water Re-Use - Gray water system - MBOH concerns, not sure these have been approved across MT. Helena approved this not that long ago., Rain barrels are a safety concern.

Intergrated Heat Recovery Ventilation System - MBOH needs more information about this and costs before considering adding to point system

FINAL CERTIFICATION

Upon project completion, the Architect must certify the project by providing a document that indicates all Mandatory and all Scoring and shall be described per the following method:

Provide a document that is outlined in a column and table type format, that lists each Mandatory and Scoring Item, this must provide photographic evidence of each, prior to it being concealed, a cut sheet of the product indicating the project compliance and date installed in the project. The document shall be easily readable and each item should be labeled clearly. If the MBOH deems unacceptable or is in need of further information, a request will be made and the information must be sent in order for the project to reach full compliance. Proof must be submitted to MBOH to qualify for issuance of Form 8609(s). All applicable certifications are to accompany this document.