

TOWN OF RADISSON

SUSTAINABLE BUILDER CHECKLIST

This checklist will serve as a resource to guide developers and builders in adopting environmentally responsible practices while aligning with sustainability goals. It includes key sustainability categories and specific actions developers can take, covering energy efficiency, water conservation, materials, and more.

Instructions:

- This checklist is a resource for developers, builders, and property owners.
- Projects that align with the checklist may qualify for incentives such as reduced permitting fees, funding opportunities, or expedited approvals.
- Mark each applicable item as completed, in progress, or not applicable.

1. Energy Efficiency

- ☐ Install LED lighting for all interior and exterior fixtures.
- ☐ Incorporate high-efficiency HVAC systems (e.g., heat pumps, geothermal heating).
- ☐ Utilize ENERGY STAR-rated appliances and building materials.
- ☐ Implement passive solar design (window placement, shading, and insulation strategies).
- ☐ Install renewable energy systems (e.g., solar panels, wind energy).
- ☐ Other, please specify:

2. Water Conservation

- ☐ Use low-flow water fixtures (e.g., toilets, faucets, and showerheads).
- ☐ Install rainwater harvesting systems for irrigation and landscaping.
- ☐ Incorporate xeriscaping and native drought-resistant landscaping.
- ☐ Use permeable pavement for driveways, sidewalks, and parking areas.
- ☐ Other, please specify:

3. Sustainable Materials & Waste Management

- ☐ Use locally sourced and recycled materials (e.g., reclaimed wood, recycled steel).
- ☐ Select low-VOC (Volatile Organic Compounds) paints, adhesives, and finishes.
- ☐ Implement a construction waste diversion plan (recycling, repurposing materials).
- ☐ Incorporate durable, long-lasting materials to reduce long-term replacement needs.
- ☐ Other, please specify:

4. Indoor Environmental Quality

- ☐ Design for natural daylighting and ventilation to reduce artificial lighting needs.
- ☐ Use non-toxic, low-VOC materials for improved indoor air quality.
- ☐ Install high-performance air filtration systems (HEPA filters, fresh air intakes).
- ☐ Other, please specify:

5. Site Planning & Land Use

- ☐ Orient buildings to maximize natural light and energy efficiency.
- ☐ Design for mixed-use, walkability, and connectivity to community amenities.
- ☐ Maintain green spaces and include tree planting for urban cooling.
- ☐ Limit impervious surfaces and incorporate green infrastructure (bioswales, rain gardens).
- ☐ Other, please specify:

6. Smart Growth & Transportation

- ☐ Provide bicycle storage and infrastructure for alternative transportation.
- ☐ Design pedestrian-friendly developments with connected walkways.
- ☐ Ensure proximity to public transit or shared mobility options.
- ☐ Other, please specify:

7. Climate Resilience & Adaptation

- ☐ Incorporate stormwater management solutions to mitigate flooding.
- ☐ Use climate-resilient building materials (fire-resistant, flood-proof).
- ☐ Design for natural disaster preparedness (backup power, flood defenses).
- ☐ Other, please specify:

8. Sustainable Operations & Maintenance

- ☐ Provide a sustainability operations guide for future building occupants.
- ☐ Design for easy upgrades and retrofits to support long-term sustainability goals.
- ☐ Other, please specify:

Builder/Developer Commitment:

By adopting the principles outlined in this checklist, I acknowledge my commitment to promoting sustainable, resilient, and responsible development in Radisson.

Builder/Developer Name: _____

Project Address: _____

Signature: _____ Date: _____