Green Communities Project Enrollment & Certification Checklist

Project Enrollment Form

Built Green member Company: _____

Contact Name & Phone Number: _____

Project Address, Legal Land Description or Tax Parcel: _____

_____

Brief Project Description: _____

_____

_____

DEVELOPER: In submitting the BUILT GREEN® *Communities* self-certification checklist, I certify that I completed all Action Items checked. I understand Whatcom BUILT GREEN® does not warrant, to the homeowner or anyone else, that these Action Items have been completed; only that, based on the checklist provided by me, the project qualifies for a certificate. I agree to submit an amended checklist if any changes occur during the construction or development process regarding BUILT GREEN® program Action Items.

I understand I will receive a BUILT GREEN® certificate showing a star rating for my submitted project based on the information I provide in the self-certification checklist.

_____
Signature and Date

Total Points for Project _____ Program Level Obtained: ☐ 1-Star ★ ☐ 2-Star ★★ ☐ 3-Star ★★★
By my signature above, I certify that I have performed all Action Items checked below.

Please enclose payment: ❑ BIAWC Member: $100 ❑ Non-Member: $300

The Built Green® single-family home enrollment fee for individual homes constructed in this Green Community shall, once community status is certified, be reduced to $50 for BIAWC members and $150 for nonmember, per unit.

For Whatcom Built Green® use:

❑ Checklist submitted ❑ Proof of required items completed ❑ Payment received

Staff member receiving payment & the initial checklist: _____

Company: _____

Project Address, Lot Number, Tax Number, or Location: _____

Green Communities Checklist:

This is your ☐ initial checklist or ☐ final checklist

Summary of Program Requirements

1-Star Level ★	2-Star Level ★★ (200 Points Minimum)	3-Star Level ★★★ (350 Points Minimum)
• The Built Green® member certifying this project must attend a Program Orientation (one time only), or hold an eco-charrette to include the property owner, designer, builder and a Built Green® Third Party Verifier, to determine Built Green® features to be included in the project. Builder comments on the checklist should note the verifier's participation or approximate date of the Orientation. • The certifier must attend a green building workshop approved by the local Built Green® administrator, anytime in the past 12 months before project certification. • Earn 100 points from Sections One through Three, with at least 15 points from each section.	• Meet 1-Star level requirements. • Earn an additional 100 points (total of 200 points) from Sections One through Three, including at least 20 points from each Section.	• Meet 2-Star level requirements. • Earn an additional 150 points from Sections One through Three (350 points total), any items.

Required Action Items for All Levels

- Encourage new home starts in the development to be certified to at least Built Green® 1-Star Level (Action Item 1-61).
- Orient & promote Built Green® to builders in the development (Action Item 1-62)
- Do not dispose of topsoil in lowlands or wetlands (Action Item 3-1)
- Optimally maintain all temporary erosion control practices (Action Item 3-2)
- Properly dispose of hazardous wastes (Action Item 3-16)
- Recycle anti-freeze, oil, and oil filters at appropriate outlets (Action Item 3-16)
- Cover and protect all hazardous materials and store them properly during construction (Action Item 3-18)
- Maintain heavy equipment so as to protect ground and stormwater (Action Item 3-19)
- Enrollment of a "Green Community" project will not be accepted after a subdivision is completed.

Self Certification Checklist

Check items below that are included in this project to qualify for a BUILT GREEN® star rating.

Company:_____

Project Address, Lot Number, Tax Number, or Location:_____

Section One: Site Selection & Design

SELECTION

☐ (10-45) 1-1. Redevelop and restore existing sites

☐ (10) 1-2. Locate to reduce dependence on automobiles

☐ (10) 1-3. Prepare preliminary site analysis and inventory for sites under consideration

☐ (8) 1-4. Choose site to avoid environmentally-sensitive areas

DESIGN

Land Use

Site Water Management

☐ (30) 1-5. Match or restore pre-development hydrology based on western Washington hydrology model

☐ (5) 1-6. Design to avoid impact on sensitive areas

Infiltration

☐ (15) 1-7 Design to achieve no more than 10% effective impervious surface areas

☐ (4-8) 1-8. Use filter strips to separate impervious surfaces

☐ (5) 1-9. Design site water management system that allows groundwater to recharge

☐ (1 each) 1-10. Use infiltration system for surface water runoff (8 max)

Treatment

☐ (1-3) 1-11. Meet treatment standards using nature-based methods or exceed treatment standards

☐ (2) 1-12. Provide stormwater treatment for parking lots/traffic island runoff using bioretention areas, filter strips, or other practice

☐ (1-2) 1-13. Clearly label all storm sewer inlets with signage to inform residents about proper stormwater protection

Flow Control and Conveyance

☐ (6) 1-14 Construct natural drainage for surface water runoff

☐ (1) 1-15. Use infiltration basins for flow control

Storage and Detention

☐ (8) 1-16. Use constructed wetlands for stormwater storage and detention

Water Treatment

☐ (10) 1-17. On-site gray water treatment

☐ (15) 1-17A.On-site black water treatment

Density

☐ (6) 1-18. Design for maximum density allowable by zoning and within Growth Management Areas (See also Community Enhancement & Affordability Section)

☐ (5) 1-19. Where available, pursue flexible zoning provisions including smaller lot sizes and variable building setbacks in order to encourage site planning that responds to natural site conditions and maximizes open space

☐ (4) 1-20. Cluster homes on site

Open Space Planning

☐ (3-6) 1-21. Preserve or create usable open spaces

☐ (6) 1-22. Provide and preserve wildlife corridor

☐ (2-4) 1-23. Provide attached parks or neighborhood parks within buildable area

Vegetation

☐ (3-10) 1-24. Preserve a percent of lowlands and areas with mature vegetated soils

☐ (4-10) 1-25. Preserve percentage of existing native vegetation and soils

☐ (4-10) 1-26. Restore a percentage of site using native vegetation and soil amendments, remove invasive species

☐ (10) 1-27. Clear only areas needed to install roadways, parking areas, and common area buildings

Paved Surface Design

☐ (2) 1-28. Design streets to conform to natural terrain

☐ (5) 1-29. Where permitted, design no street curbs or gutters, use cutouts if necessary

☐ (6-10) 1-30. Minimize pavement in street design

☐ (1 each) 1-31. If design calls for cul-de-sacs, hammerheads, or other dead-ends, connect ends with paths

☐ (2) 1-32. Install traffic-calming devices, such as curb bulbs

☐ (5-10) 1-33. Design parking areas and pathways to minimize impact of surface water runoff and reduce impervious surface area

☐ (10) 1-34. Use porous paving options for light-traffic areas

☐ (4) 1-35. Use recycled-content materials for paving

☐ (5) 1-36. Eliminate blacktop, use new coats or integral colorants to achieve light-colored surfaces

☐ (15) 1-37. Provide alleys for rear garage access

Company:_____

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Community Enhancement and Housing Affordability

☐ (5-15+) 1-38. Create a mixed-use (residential/commercial) development

☐ (6) 1-39. Provide mix of housing types and densities to meet diverse occupant demographics

☐ (2-15) 1-40. Provide community facilities

Landscaping – Common Areas

Trees and Shrubs

☐ (15) 1-41. Participate and qualify for the National Arbor Day Foundation's "Building *With* Trees" Recognition Program

☐ (5-10) 1-42. Maximize the tree canopy in completed development

☐ (8) 1-43. Plant appropriate trees and shrubs to provide shade (within 8 years) on at least 30% of impervious surfaces on site

☐ (1) 1-44. Involve a landscape designer in the early design phase

Plant Selection

☐ (3-5) 1-45. Landscape common areas with plants that will not need supplemental watering once established (appropriate for site topography, soil types, and sun exposure)

☐ (5-10) 1-46. Install no grass or properly install a grass type requiring less irrigation and minimal maintenance for common areas

Plant Establishment

☐ (15) 1-47. Amend disturbed soil to a depth of 13 inches to restore soil environmental functions

☐ (5) 1-47A. Install a temporary watering system to establish plants (see other irrigation options, 1-53 and 1-54).

☐ (5) 1-48. Mulch landscape beds in common areas with 2 inches of organic material

☐ (3) 1-49. If choosing to use fertilizers, use natural organic or slow-release fertilizers to establish vegetation in common areas

Outdoor Amenities

☐ (3) 1-50. Specify non-toxic or low-toxic outdoor landscaping lumber

☐ (4-8) 1-51. Use recycled-content or resource-efficient site accessories

Efficient Irrigation

☐ (3-8) 1-52. Install high-efficiency irrigation system where on-going irrigation is needed

☐ (3-5) 1-53. Install irrigation system using recycled/reclaimed water

☐ (8) 1-54. Install no permanent irrigation system

Transportation

☐ (20) 1-55. Develop Integrated Mobility Center

☐ (15) 1-56. Develop Transportation Management Plan

☐ (4-6+) 1-57. Provide pedestrian-friendly access routes beyond code

☐ (10) 1-58. Provide commuter lot near arterials and collector streets

☐ (3 each) 1-59. Provide on-site transportation shelters

☐ (3) 1-60. Provide connectivity with surrounding street network

Integration & Innovation

☐ (★) 1-61. Encourage new home starts in the development to be certified to at least Built Green® 1-Star Level.

☐ (★) 1-62. Orient & promote Built Green® to builders in the development

☐ (2-20) 1-63 Require homes in development to meet Built Green® Home Builder 2-star level and/or 3-star requirements.

☐ (5-15) 1-64. Orient lots for passive solar

☐ (10) 1-65. Use alternative heat and energy sources

☐ (8) 1-66. Design street and other exterior lighting to reduce light pollution and trespass

☐ (8-32) 1-67. Design and construct or reconstruct common area buildings to meet the 2-star (for 8 points), 3-star (16 points), 4-star (24 points) or 5-star (32 points) levels of the Whatcom Built Green® Single-Family Home Program.

☐ (12) 1-67A. Design and construct green commercial and mixed-use buildings. Light commercial/mixed use structures (up to 4 stories) to meet the 2-star or 3-star level of the Built Green® Home Builders Program. Larger buildings should meet minimum certification standards

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for LEED for New Construction or comparable program.

☐ (5) 1-68. Provide for public space recycling collection

☐ (1-10) 1-69. Extra Credit for innovation

Section Two: Planning & Education

COVENANTS & BUILDER GUIDELINES

Pedestrian Friendly Design

☐ (3-10) 2-1. Require shared parking for mixed use developments

☐ (5) 2-2. Use minimum parking standards as maximums for on-street and off-street parking

☐ (5) 2-3. Require pedestrian-friendly design amenities

Other Covenants

☐ (5) 2-4. Require Built Green® qualifying exterior materials and finishes when specifying exterior design standards

☐ (5) 2-5. Require protection of on-lot trees and open spaces during and after construction

☐ (5) 2-5A. Require homeowner association or management to develop and implement a plan to protect common area trees and open spaces for the long term

☐ (3) 2-5B. Require builders and homeowners to comply with Action Item 1-47: Temporary watering System

☐ (3) 2-6. Require builders to provide homeowners/residents with recycling storage and collection system

☐ (3) 2-7. Prepare builders' guidelines on exterior lighting to reduce light pollution and trespass

EDUCATION

☐ (30) 2-8. Conduct design and planning Workshop

☐ (2) 2-9. Use Built Green® common area buildings to educate residents

☐ (4) 2-10. Prepare a homeowners' handbook for living in a green community

☐ (4) 2-11. Provide a builders' field guide of best management practices

☐ (2) 2-12. Provide interpretive signs highlighting key environmental and other features

☐ (2) 2-13. Encourage builders in your development to build homes with smaller overall footprint and to reduce impervious surfaces

☐ (1 each) 2-14. Provide educational events prior to, during and after development, including tours or seminars, to promote your green development

OPERATIONS & MAINTENANCE

☐ (10) 2-15. Prepare a landscape operations and maintenance plan

☐ (10) 2-16. Prepare an operations and maintenance plan for common area facilitie

Section Three: Construction Operations

EROSION & SEDIMENTATION CONTROL

☐ (★) 3-1. Do not dispose of topsoil in lowlands or wetlands

☐ (★) 3-2. Optimally maintain all temporary erosion control practices

☐ (★) 3-3. Fully implement required erosion and sedimentation control practices

☐ (10) 3-4. Phase grading so that no more than 40% of the site is disturbed at one time

☐ (5) 3-5. Follow Seasonal Land-clearing Checklist (see User Guide) prior to any landclearing between October 1 and April 30 (points only if site is outside protected watershed areas)

☐ (10) 3-6. Balance cut and fill while maintaining original topography

☐ (4) 3-7. Retain all native topsoil on site and protect stockpiles from erosion

☐ (3) 3-8. Use compost to stabilize disturbed slopes

☐ (3) 3-9. Limit heavy equipment use zone to limit soil compaction

☐ (1) 3-10. Establish a single stabilized construction entrance (quarry spall, crushed rock or recycled concrete)

☐ (1) 3-11. Establish a tire wash

☐ (5) 3-12. Use compost filter berms, tubes, and socks in place of silt fences

☐ (4) 3-13. Install supplemental erosion control BMPs as back up

Company:_____

Project Address, Lot Number, Tax Number, or Location:_____

VEGETATION MANAGEMENT

☐ (2-5) 3-14. Mill or grind landclearing wood and stumps for reuse on site

☐ (3) 3-15. Replant or donate removed vegetation for immediate reuse

☐ (3) 3-15A Compost cleared, light vegetation on-site for future use in soil amendment

POLLUTION PREVENTION

☐ (★) 3-16. Properly dispose of all hazardous wastes

☐ (★) 3-17. Recycle anti-freeze, oil, and oil filters at appropriate outlets

☐ (★) 3-18. Cover and protect all hazardous materials and store them properly during construction

☐ (★) 3-19. Maintain heavy equipment so as to protect ground and stormwater

☐ (1) 3-20. Prevent or treat contamination of stormwater

☐ (1) 3-21. Use reusable forms for concrete site work

☐ (1-3) 3-22. Use nontoxic products for site construction (e.g. form break, antifreeze)

☐ (2-5) 3-23. Blend and use Biodiesel in equipment at site

☐ (4-8) 3-24. Develop and implement waste management and pollution prevention plans

HERITAGE AND DECONSTRUCTION

☐ (1-5) 3-25. Reuse existing site structures intact, or deconstruct and salvage construction materials to the maximum extent feasible

☐ (2) 3-26. Recognize heritage and historical features of the site

INNOVATIVE BUILDER ASSISTANCE

☐ (3-5) 3-27. Provide assistance to builders in development