

**GREEN BUILDING PROGRAM
CHECKLIST OF GBP REQUIREMENTS FOR APPROVED PROJECTS
UNDER THE INVESTING IN CANADA INFRASTRUCTURE PROGRAM (ICIP)**

Item No.	GBP Requirement	Current GBP requirement	Requirement Met? (Yes/No)? If no, contact GBP.
1.	Energy Design Target	1) Building’s modelled energy efficiency must be 10% better than Manitoba Energy Code for Buildings.	
		2) Have obtained Efficiency Manitoba designation and incentives (Refer to Efficiency Manitoba’s New Building Program Guide) <i>If Project is in Variance, must provide letter to Green Building addressing the Variance requirements.</i>	
2.	Environmental Design Standard	1) Third party verification by LEED is not required if Project is in Variance and/or can demonstrate that requirements under Item 4 – Planning and Design Standard have been met. Projects can apply for a variance if you elect not to obtain LEED certification. The variance request must be submitted to greenbuilding@gov.mb.ca before the end of schematic design. If a variance for LEED certification is requested, you must ensure all the requirements listed on GBP Form 1 sections 2-6, pertaining to Planning & Design, Adaptation & Resilience, Use of Sustainable Materials, Responsible Construction and Transition to Occupancy are added to the Owner’s Project Requirements form. The project must divert at minimum 75% of construction waste from landfills. <i>If Project is in Variance, reporting requirements indicated in the Variance Response Letter must be provided.</i>	
3.	Commissioning Standard	1) The services of two (2) commissioning professionals is recommended. One will have responsibility for building envelope and the other will be responsible for mechanical and electrical systems to ensure both are designed and constructed to the Owner’s Project Requirements (OPR), calibrated to the specifications, and that building staff received training and systems manuals for building operation.	

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		<p>Efficiency Manitoba designation is proof that the Commissioning requirements for the Green Building Program were achieved. In order to get designation, the project team has to acknowledge the commissioning activities were achieved</p> <p><i>Refer to GBP Guideline 3.5: Building Commissioning.</i></p>	
4.	Planning & Design Standard	<p>The following are mandatory for all GBP Projects: Note: if Variance is approved, you will must confirm that the below have been achieved.</p> <ol style="list-style-type: none"> 1. Use an integrated design approach 2. Provide a permanent space for sorting and storage of recyclables 3. Design ventilation systems in accordance with ASHRAE 62.1 (sections 4 – 7) 4. Install a permanent meter(s) to measure potable water use for the building and grounds 5. Install a permanent meter(s) to measure each energy source used in the building and grounds 6. Select water efficient fixtures & fittings that meet or exceed ASHRAE 189.1 - Standard for the Design of High Performance Buildings (where requirements exceed code) and integrate other water conservation measures 7. Conduct a life-cycle cost analysis on major building systems (i.e. building envelope, HVAC) 8. Provide active transportation facilities (indoor bicycle storage or outside cages or racks) 9. Design a sustainable landscape to reduce potable water use, apply low water landscape principles and practices. 10. Provide natural light and views to the exterior from occupied spaces. 11. Locate building close to community amenities 	
	Adaptation & Resilience Standard	<p>The following are mandatory for all GBP Projects: Note: if Variance is approved, you will must confirm that the below have been achieved.</p> <ol style="list-style-type: none"> 12. Evaluate renewable energy source options 13. Consider designing to accommodate future use of renewables 	

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	Sustainable Materials Standard	<p>The following are mandatory for all GBP Projects: Note: if Variance is approved, you will must confirm that the below have been achieved.</p> <ul style="list-style-type: none"> 14. Select low-emitting finishes, furnishings, products and materials. 15. Give preference to products manufactured in Manitoba 16. Give preference to materials with recycled content. 17. Consider the reuse of existing buildings and salvaged building components 	
	Responsible Construction Standard	<p>The following are mandatory for all GBP Projects: Note: if Variance is approved, you will must confirm that the below have been achieved.</p> <ul style="list-style-type: none"> 18. Require Erosion and Sedimentation Control Plan refer to GBP Guideline 3.4 19. Require Air Quality Management Plan refer to GBP Guideline 3.4. 20. Implement a Construction Waste Management Plan, and report construction & demolition waste diverted from landfill (report in metric tonnes) refer to GBP Guideline 3.10. 	
	Transition to Occupancy Standard	<p>The following are mandatory for all GBP Projects: Note: if Variance is approved, you will must confirm that the below have been achieved.</p> <ul style="list-style-type: none"> 21. Implement a non-smoking policy in and around the building 22. Participate in local recycling programs. 23. Track/monitor building energy use, water use and ghg emissions refer to GBP Guideline 3.8. 24. Purchase energy efficient electronics and appliances 25. Purchase low-emitting products & furnishings when doing building maintenance or renovation 26. Require green cleaning methods, equipment and products. 	