

Description	N/A	✓	Notes
1. Consider the impact of topography. (If the building to be retrofitted is located in an area with hills and valleys, slope and aspect, this topography can contribute to energy performance by draining cool air at night, contributing to lower temperatures.)			
2. Consider the impact of vegetation. Increasing vegetation/trees around buildings can reduce exposure to sunlight. (This can reduce temperatures by as much as 9 degrees C (15 degrees F).)			
3. Develop landscape plans to provide windbreaks and shading, and to minimize water demand.			
4. Consider the extent to which the ground can act as a heat sink, based on the elevation of the water table relative to the frost line, and soil structure.			
5. Review site context to determine if there are established neighbourhood ecological patterns that could be enhanced, such as water treatment and drainage patterns, green spaces, pedestrian and transportation networks.			
6. Review location and current codes to determine if the building will require a seismic upgrade.			
7. If the functional program or retrofit results in an increased demand for parking, review opportunities for utilizing adjacent areas in lieu of increasing on-site parking.			
8. Consider measures to minimize construction damage to surface ecology.			
9. Consider measures to minimize impacts on subsurface ecology and aquifers.			
10. Summarize site development issues in a Draft Site Impact Plan.			