

(NEW CONSTRUCTION ONLY) Site Engineer Best Practices Checklist

As a contractor on this project, you are expected to implement mandatory and project selected optional best practices identified in the [Iowa Green Streets Criteria](#). The numbers in parenthesis below identify the applicable Green Streets criterion.

Here are **some** key strategies and best practices likely to be implemented by the site engineer for this project. These strategies may not be all inclusive for this project as strategies are dependent on project design. As the site engineer, familiarize yourself with the best practices checklists for all trades including general, HVAC, electrical, plumbing, and HERS Rater. See [Iowa Green Streets Criteria](#) for details. **NOTE:** All items below listed as Appendix M are only required for disaster recovery housing projects.

- Sensitive Site Protection (2.1):** Do NOT Locate Project on Sites Meeting any of the Following:
 - Land Within 100 Feet of Wetlands. Maintain or Establish Riparian Buffer.
 - Land on Slope >15%.
 - Land with prime soils, unique soils or soils of state significance per USDA designations.
 - Public parkland.
 - Land identified as existing habitat for species on federal or state threatened/endangered lists.
 - Land within Special Flood Hazard Areas as identified by FEMA on the Flood Insurance Rate Map.
 - Land outside the corporate limits of a municipality.
- Project Location (2.2):** Locate Project on Site with Access to Existing Roads, Water, Sewer
- Connectivity (2.2):** Connect Project to the Pedestrian Grid
- Proximity to Services (2.5):** Locate Project Within ¼ Mile of 2 Services or ½ Mile of 4 Services
- Environmental Remediation (3.1):** Conduct an Environmental Site Assessment
- Erosion and Sedimentation Control (3.2):** Get DNR Permit (if site ≥1 acre), Follow EPA Guidelines
- Landscaping (3.3):** Spec at Least 50% Native Trees/Plants, Do Not Include Invasive Species
- Surface Water Management (3.4):** Use Green Infrastructure to Manage ≤1.25" Rainfall on Site
- Efficient Irrigation and Water Reuse (3.6):** Use efficient irrigation system and harvested water
- Managing Moisture: Roofing and Wall Systems (6.9):** Provide drainage of water away from walls, windows and roofs

Questions relating to the Green Streets Criteria should be directed to Jeff Geerts, Iowa Economic Development Authority Special Projects Manager, Jeff.Geerts@iowaeda.com or 515.348.6211.

By signing this checklist, I certify I have reviewed the above information and the Iowa Green Streets Criteria and confirm that the project team will incorporate the mandatory criteria into the project.

Printed Name: _____ Signature: _____ Date: _____