

**LOW IMPACT DEVELOPMENT CHECKLIST**  
**Hudson County Planning Board**

Please fill out this checklist for identifying Low Impact Development Activities incorporated into the proposed land development.

**Part 1 - Vegetation and landscaping**

1. Has an inventory of existing site vegetation been performed? \_\_\_\_\_  
If yes, was the inventory a factor in the site's layout and design? \_\_\_\_\_
2. Does the site utilize any of these non-structural LID-BMPs:
  - a. Preservation of natural areas: \_\_\_\_\_ If yes, specify location \_\_\_\_\_ and % of site \_\_\_\_\_
  - b. Use of native ground cover: \_\_\_\_\_ If yes, specify location \_\_\_\_\_ and % of site \_\_\_\_\_
  - c. Use of vegetated buffers: \_\_\_\_\_ If yes, specify location \_\_\_\_\_ and % of site \_\_\_\_\_
3. Specify percentage of total building roof area that will be vegetated: \_\_\_\_\_.
4. How many trees will be planted on site? \_\_\_\_\_ How many deciduous \_\_\_\_\_ Coniferous \_\_\_\_\_  
How many trees will be removed? \_\_\_\_\_  
How many *street* trees will be planted? \_\_\_\_\_ What types: \_\_\_\_\_

**Part 2 – Minimizing site disturbance**

5. Have inventories of existing site soils and slopes been performed? \_\_\_\_\_ If yes, were the inventories a factor in the site's layout and design? \_\_\_\_\_. Please explain \_\_\_\_\_.
6. Explain how site disturbance will be minimized during construction phases  
\_\_\_\_\_.
7. Specify the percent of site to be cleared: \_\_\_\_\_. For buildings: \_\_\_\_\_. For driveways \_\_\_\_\_.  
Specify % of site to be re-graded: \_\_\_\_\_.
8. Specify the site's hydrologic soil group (HSG) percentages:  
HSG A: \_\_\_\_\_ HSG B: \_\_\_\_\_ HSG C: \_\_\_\_\_ HSG D: \_\_\_\_\_
9. Specify percentage of each HSG that will be permanently disturbed:  
HSG A: \_\_\_\_\_ HSG B: \_\_\_\_\_ HSG C: \_\_\_\_\_ HSG D: \_\_\_\_\_
10. Explain how site disturbance will be minimized within areas with greater permeable soils (HSG A and B) to maintain groundwater recharge rates and reduce stormwater volume increases.  
\_\_\_\_\_.

**Part 3 – Impervious area management**

11. Specify the following with regards to impervious coverage:
  - a. Maximum site impervious coverage (%) permitted by local regulations \_\_\_\_\_
  - b. Existing (%) (pre-project) impervious coverage at the site: \_\_\_\_\_
  - c. Proposed (%) impervious coverage for the site: \_\_\_\_\_
  - d. Is the site designed to achieve minimum impervious coverage? \_\_\_\_\_

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12. Specify percentage of impervious coverage that will be porous: \_\_\_\_\_. Please explain which site areas will be porous: \_\_\_\_\_
13. Specify the following with regards to the number of parking spaces:
- a. The number of parking spaces required by local regulations for the development \_\_\_\_\_
  - b. The number of parking spaces being provided \_\_\_\_\_
  - c. Is the site designed to minimize the number of parking spaces to reduce impervious surface? \_\_\_\_\_
14. Specify the following with regard to the size of parking stalls:
- a. The size of parking spaces required by local regulations \_\_\_\_\_
  - b. The size of parking stalls being provided \_\_\_\_\_
15. Specify percentage of total parking area that will be:
- a. Located beneath buildings \_\_\_\_\_
  - b. Within a multi-level parking deck \_\_\_\_\_
  - c. Only for compact cars \_\_\_\_\_
16. Specify the number of parking spaces provided for bicycle parking \_\_\_\_\_

**Part 4 - Circulation Improvements**

17. Explain how the project will impair or improve vehicular traffic flow? \_\_\_\_\_  
\_\_\_\_\_
18. Provide the pre-project Level of Service (LOS) \_\_\_\_\_ Post-project LOS \_\_\_\_\_
19. Explain how roadway safety and the pedestrian environment will be improved for each of the following:
- a. Placement and type of intersection signals \_\_\_\_\_
  - b. Pedestrian features \_\_\_\_\_
  - c. Sidewalk replacement \_\_\_\_\_
  - d. Access control \_\_\_\_\_
  - e. Aesthetic treatments \_\_\_\_\_
  - f. Improved sight distance \_\_\_\_\_
  - g. Street and sidewalk lighting \_\_\_\_\_
  - h. Pedestrian- and bicyclist-activated signals \_\_\_\_\_
  - i. Landscaped planters \_\_\_\_\_
  - j. Bus pullout lanes and transit shelters \_\_\_\_\_
20. Explain how bicycle use will be promoted for the development. Will bicycle accessories (bike racks, secure storage, showers, etc.) be provided? \_\_\_\_\_
21. Explain how public transit will be promoted for the development \_\_\_\_\_
22. Will Transportation Demand Management techniques be provided? Please explain:  
\_\_\_\_\_

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**Part 5 – Source Control and Pollution Prevention**

- 23. Specify number of outdoor trash receptacles provided \_\_\_\_\_. Number of recycling receptacles provided \_\_\_\_\_.
- 24. Is a recycling plan being submitted \_\_\_\_\_?
- 25. Identify stormwater management measures on the site that prevent discharge of large trash and debris.  
\_\_\_\_\_

**Part 6 – Energy and Environmental Control**

- 26. Indicate what is being done to reduce the site’s contribution to the urban heat island effect (i.e., light-colored/high albedo pavement surface with a minimum albedo of 0.3; use of porous pavement; substantial increase of tree canopy) \_\_\_\_\_
- 27. Will outdoor lighting fixtures be installed with energy-efficient fixtures in conformance with the Hudson County Land Development Regulations and as outlined by the International Dark Sky Association (IDA) [www.darksy.org](http://www.darksy.org) to preserve and protect the nighttime environment? Please explain.  
\_\_\_\_\_
- 28. What percentage of the total electricity for the site will be from renewable sources? \_\_\_\_\_. Please explain \_\_\_\_\_

**Part 7 – Construction Materials**

- 29. Is there a plan for the processing, transportation and disposal of waste? Provide a description of all material being disposed and location of disposal.  
\_\_\_\_\_  
\_\_\_\_\_
- 30. What percentage of non-hazardous construction and demolition debris from the project will be recycled? \_\_\_\_\_ Salvaged back into the site? \_\_\_\_\_

**Part 8 – Community**

- 31. Explain how meaningful public input was incorporated into the project. Provide evidence of how community values (historic preservation, cultural, neighborhood preservation, environmental) were integrated into the design process.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- 32. Explain how the project is consistent with the Hudson County Master Plan  
\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_

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**Part 9 – Narrative**

33. In narrative form, provide an overall description of the LID-BMP approach to stormwater management and strategies incorporated into the proposed site design. Attach additional pages as necessary.

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**Part 10 – Compliance with Non-structural Requirements of NJDEP Stormwater Management Rules**

N.J.A.C. 7:8-5.3(b)

No	Nonstructural Strategy	Yes	No
1	Protect areas that provide water quality benefits or areas particularly susceptible to erosion and sediment loss. <i>Please explain:</i>		
2	Minimize impervious surfaces and break up or disconnect the flow of runoff over impervious surfaces. <i>Please explain:</i>		
3	Maximize the protection of natural drainage features and vegetation. <i>Please explain:</i>		
4	Minimize the decrease in pre-construction time of concentration. <i>Please explain:</i>		
5	Minimize land disturbance including clearing and grading. <i>Please explain:</i>		
6	Minimize soil compaction. <i>Please explain:</i>		
7	Provide low maintenance landscaping that encourages retention and planting of native vegetation and minimizes the use of lawns, fertilizers, and pesticides. <i>Please explain:</i>		
8	Provide vegetated open-channel conveyance systems that discharge into and through stable vegetated areas. <i>Please explain:</i>		
9	Provide preventative source controls. <i>Please explain:</i>		