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? __________
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 (ADA) 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

____________________________________________________________________________________

____________________________________________________________________________________
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.

_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________