

*The City of Lewes*



# City of Lewes Lot Coverage Design Standards

**DRAFT**

September 9, 2020

Purpose: This guide is to provide guidance when BMP's are installed in the City.

- bioretention
  - ex. rain garden, tree box filters, streetscape bioretention, large bioretention, raised planter box
  - Rain gardens and raised planter box are encouraged for single family lots. The other examples are encouraged for larger scale projects.
    - Raised planter box shall have pervious surface beneath the box and shall be sized large enough to offset a percentage of the impervious surface proposed.
    - Rain gardens shall be planted with native non-invasive species.
- Permeable pavement
  - ex. permeable concrete pavers, grid pavement systems, pervious concrete, porous asphalt
    - for exposed driveway, patio, walkways, etc that are open to the sky and not under roof shadow.
- Rooftop disconnect with rain barrel or cisterns; discharge to a raingarden or to a preserved open space area
- Rainwater harvesting
  - ex. rain barrel or cisterns
  - Minimum size of barrel or cistern shall be 50-55 gal drum.
- Conservation landscaping;
  - minimum area shall be 1:1 for every sf planted, up to 10%
- Bioswale or vegetated swale
  - To be located along the road.
  - Not intended for sites with flat or very steep slopes or with poorly drained soils.
- Infiltration
  - (ex. infiltration trench or basin)
    - This is used for larger scale development (multi-family or commercial uses)
- Green roof
- Filtration
  - (ex. surface sand filter, underground sand filter, organic, non-structural filter, perimeter sand filter).

- These are encouraged for multi-family and commercial sites. They are not intended for single family lots.

DRAFT