



Green Roof Credit

Requirements for Approval

Site Requirements:

Property must be entirely within the combined sewer area.

The property must be privately owned.

The green roof must cover 50% of the rooftop space.

Design Requirements:

The green roof shall be compliant with the Metropolitan Stormwater Management Manual and should include the following:

- Impermeable waterproof membrane layer
- A drainage layer (e.g. gravel or a proprietary mat)
- Filter Fabric between the drainage layer and growing media
- Growth media at least four inches thick containing no more than 15% organic matter
- A vegetation layer with 80% coverage of live, hardy, drought resistant plants
- Access for inspection and maintenance

For new buildings also receiving a grading permit, there are specific design and/or sizing requirements. Please see [PTP-09](#) or [GIP-12](#) for more details.

Submittal Requirements:

A Plans Submittal Form with the "Green Roof Credit" box checked (link)

An executed and recorded [Maintenance Document](#)

Green Roof Plans designed and stamped by a registered professional engineer, architect, or landscape architect and including the following:

- Site Plan indicating the location of the building on the lot and the property map and parcel number
- Roof Plan showing the location and dimensions of the green roof and the locations of the roof drains
- A cross section showing the specific roof components and their thickness, where applicable.
- Landscape plans showing the size, spacing, and species of the planting material.

A project that is applying for Grading Permit should follow the traditional application process (See [Appendix A](#)) and should check the “Green Roof Credit” box on the application.

Other Requirements:

An architect, a structural engineer, or other qualified professional must evaluate the design to ensure that the building has the structural capacity to support a vegetated roof. (See ASTM E2397, *Standard Practice for Determination of Dead Loads and Live Loads Associated with Green (Vegetated) Roof Systems* for more information).

The Green Roof shall be compliant with applicable building codes.

Credit Details:

The credit will be applied to the monthly sewer charges for a property. The maximum total credit amount will equal \$10 multiplied by the square footage of green roof installed. The sewer charges will be credited for 60 months or until the maximum total is reached, whichever comes first.