MANUFACTURER'S DETAIL OR LANDSCAPE PLAN

is designed to establish a full and vigorous cover.



| Green Roof M | | |
|--|--|--|
| | | |
| Structural Capacity should conform to ASTM E2397-05, Prac Roof Systems. In addition, use standard test methods ASTM (Vegetated) Roof Systems, and ASTME 2399-05 for Maximu | | |
| See Chapter 6 of Weiler and Scholz-Barth (2009) for waterp to drains or gutter. This layer may sometimes act as a root b | | |
| Impermeable liner that impedes root penetration of the me | | |
| 1- to 2-inch layer of clean, washed granular material, such a in accordance with Metro Codes. | | |
| Needled, non-woven, polypropylene geotextile. Density (ASTM D3776) > 16 oz./sq. yd., or approved equivale | | |
| Media should consist primarily of lightweight mineral aggre Media should provide sufficient nutrients and water holding shall fall between 30% to 45% based upon ASTM E2399. | | |
| Low plants such as sedum, herbaceous plants, and perennia drought, wind, and frost are best for intensive green roofs. E2400-06, Guide for Selection, Installation and Maintenance | | |
| | | |

I hereby certify that this green roof planting is in keeping with the requirements listed in GIP-11. This green roof system

| Green Roof Number : | | |
|---------------------|----------|--|
| Design | As-Built | |
| | | |
| | | |
| | Design | |

Naterial Specifications

Specifications

ctice for Determination of Live Loads and Dead Loads Associated with Green (Vegetated) E2398 for Water Capture and Media Retention of Geocomposite Drain Layers for Green m Media Density for Dead Load Analysis.

roofing options that are designed to convey water horizontally across the roof surface barrier

embrane.

as ASTM D 448 size No. 8 stone. Roof drains and emergency overflow should be designed

ent. Puncture resistance (ASTM D4833) > 220 lbs., or approved equivalent.

gates and have an organic matter content < 15%. The silt content shall not exceed 15%. g capacity to support the proposed plant materials. Maximum medium water retention

al grasses that are shallow-rooted, self-sustaining, and tolerant of direct sunlight, Plant species should be based upon the type and depth of growth media. See ASTM e of Plants for Green (Vegetated) Roof Systems