

Cape Cod Commission
Landscape Maintenance Narrative
Revised October 9, 2019

Landscape Maintenance

Planting is being designed to increase biodiversity, reduce potable water use for irrigation, increase drought tolerance, and minimize maintenance requirements. Native plants tolerant of the region and site will be utilized to achieve these goals. Plants will only require irrigation during the establishment period. All planting areas will have an integrated pest management program to assess health of the landscape. Fertilization of the landscape will be based on annual soil sample tests and recommendations. All required IPM treatments will be performed by certified applicators.

Turfgrass lawn areas will be established with turf type tall Fescue species which are adapted from native species and more adapted to the Cape environment. These areas will be mown regularly throughout the growing season and irrigated as needed as determined by smart irrigation controls. The turfgrass lawns should be mown at 2.5-3" height and never exceed 5". Turfgrass areas shall be fertilized by a certified applicator with organic fertilizers, like Nature Safe, never in excess of 1lb of Nitrogen per 1,000 sq feet per application with 20% minimum slow release Nitrogen.

Planting areas will be a mix of native and adapted herbaceous perennials and woody shrubs and trees. These will include native grasses like Little Bluestem and Switchgrass, native shrubs like Bayberry and Viburnum, and native trees like Eastern Red Cedar and Oak. These areas will have a fully planted ground plane to minimize weeding and annual mulching. The planting areas will be irrigated during establishment (first 2-3 years) and then only as necessary as determined by smart irrigation controls.

Bioretention areas will capture site and building stormwater runoff. The plantings and in these areas will capture, detain and cleanse the water, and allow for infiltration. These areas will be planted with native perennial grasses and forbs, shrubs and trees that are tolerant of saturated and dry conditions. These will include native grass like Switchgrass, and native trees like Eastern Red Cedar. These areas will be irrigated during establishment (first 2-3 years) only.

Planters within the parking areas will have native and adapted shrubs and trees tolerant to these conditions. These will include shrubs like Bayberry, Beach Plum and Rose and trees like Maple, Planetree and Oak. These plants will be irrigated during establishment (first 2-3 years) and then as necessary as determined by smart irrigation controls.

The green roof planting will include extensive (less than 6" of soil depth) and intensive (greater than 6" of soil depth) plantings. The extensive areas will be a mix of herbaceous perennial grasses and forbs. The intensive plantings will be a mix of native shrubs and trees. These areas will be irrigated during establishment and then as necessary as determined by smart irrigation controls.

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