

SECTION 07 55 63 – VEGETATED PROTECTED MEMBRANE ROOFING

PART 1 - GENERAL

1.1 SYSTEM REQUIREMENTS

- A. Design Requirements
 - 1. Vegetated protected membrane roofs are permitted only with the approval of the University Project Manager. If approved, the vegetative and growth media layer may be either intensive or extensive.
 - 2. Provide electronic leak detection system at all vegetated protected membrane roofing.
 - 3. Provide concrete substrate only.

PART 2 - PRODUCTS

2.1 SYSTEM DESCRIPTION

- A. Vegetated Protected Membrane Roof System: Multilayer roofing system comprised of a substrate primer, reinforced waterproof roofing membrane, separation/protection course, root barrier, board insulation, air layer, moisture mat, drainage/water retention component, filter fabric, growth media (soil) and vegetation (plant material).
- B. Basis-of-Design Product: Subject to compliance with requirements, provide American Hydrotech Garden Roof assembly or a comparable product.
 - 1. Hot Fluid-Applied, Rubberized-Asphalt, Reinforced Waterproofing Roofing Membrane: American Hydrotech MM6125, single component; 100 percent solids; hot fluid-applied, rubberized asphalt.
 - a. Reinforced Membrane: 215 mils thick.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Water Test: Test all roof areas using electronic breach detection equipment after completion of membrane and prior to placement of subsequent overburden.

END OF SECTION 07 55 63