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.

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