07100 STANDARD GUIDE FOR MATERIAL SELECTION FOR SUB-GRADE WATERPROOFING SYSTEM

PART 1: GENERAL

1.01 This guide is to provide consultant teams with the desired approach for Material Selection for Sub-Grade Waterproofing systems. The attached letter summarizes options for material selection and overall design issues associated with installation locations including, plaza deck waterproofing, foundation wall waterproofing, sub-slab waterproofing and green roofing. This guide should be referenced when the desired scope of work entails the need to select a material for one of the identified systems above. The attached document summarizes four separate systems; Hot-Applied Rubberized Asphalt, PVC sheet membrane, Self-Adhering Rubberized-Asphalt Composite Sheet and Polyester Resin, weighing the pros and cons of each type of system.

1.02 The consultant team shall develop a selection matrix as shown in the attached letter which includes:

A. **Identification:** Identify each system that is being compared.

B. **Design Issues:** Related to the particular project.

   1. *How and where* the proposed system is to be installed.

C. **Warranty Information:** Provide the information that is applicable for the proposed installation.

D. **Advantages and Disadvantages Comparison:** Provide a table that allows the project team to view and compare each system to select the best system for the project.

PART 2: REFERENCED DOCUMENTS (see attached)

2.01 Weill Hall (Life Sciences Technology Building): Plaza and Below-Grade Waterproofing; Simpson Gumpertz & Heger, Inc. (May 2005)