SUSTAINABLE DESIGN

GENERAL INFORMATION

1.1 Columbia University is committed to the use of sustainable design practices in the design and construction of all sizes of projects on campus. The CU Sustainable Design approach is intended to strike a balance among many factors – environmental, economic, occupant comfort and health, while providing an academic environment that supports the University’s mission and goals now and in the future.

1.2 This section outlines the approach for two types of projects – large scope and small scope.

DESIGN REQUIREMENTS

2.1 Large scope projects

   a. CU has adopted the Leadership in Energy and Environmental Design (LEED) rating system, administered by the US Green Building Council (USGBC), as the standard for all large projects. The minimum target is LEED Gold. The Project Manager, in conjunction with the VP – Capital Project Management, will establish project-specific targets.

   b. CU has established a LEED Sample Scorecard to demonstrate the University’s priorities in pursuit of LEED credits on CU projects. This scorecard is intended as a reference for Consultants and is not a substitute for the project-required documentation.

2.2 Small scope projects

   a. LEED certification is not required, but the Consultant shall follow the basic LEED framework for sustainable design decision-making as appropriate to the scope of the project. All small projects will be subject to an internal review by the CUF Sustainability Committee (SC) at the same project intervals as large projects. The required document, the CU Small Scope Sustainability Checklist, is attached.

   b. Construction Methods – the following construction methods must be followed where applicable:

      1. Construction and Demolition Debris

         a) LEED CI MR Credit 2: Divert 75% of construction waste from landfill

      2. Air Quality:

         a) LEED CI IEQ Credit 3.1 Construction IAQ Management Plan, during Construction
b) LEED CI IEQ Credit 3.2 Construction IAQ Management Plan, before Occupancy

3. Construction Activity Pollution Prevention
   a) LEED NC SS Prerequisite 1: Construction Activity Pollution Prevention.

c. Salvageable Building components
   1. Design Consultant, with review by Facilities Project Manager and Planning Office to identify salvageable building components and determine their reuse by CU or qualified salvage vendor.

d. Salvageable Furniture and Equipment
   1. Facilities Project Manager and Director – Design & Compliance (DDC) to evaluate existing furniture and equipment for potential storage and re-use on other projects.

2.3 The determination of the project approach (small or large) will be made by the VP – Capital Project Management.

END OF SECTION

Revision Approval:

Joe Mandino  Date  9/16/13

Frank Martino  Date  9/16/13

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