



An occasional publication of sustainability information useful for your project work

AEC Sustainability Team News Flash: January 2015

The information presented is summary in nature, presented to alert you to new sustainability initiatives. For more information, or to contribute information, contact one of the AEC Sustainability Team Members: Diana Adzemovic, Ken Birringer, Michele Christensen, Tawanesha Jones-Williams, David Karle, or Deanna Mabry

DESIGN MANAGEMENT PROCEDURES MANUAL - SUSTAINABILITY SECTION

The Design Manager Procedure Guide has been expanded to include a section entitled Sustainable Design Requirements. This section includes information and tools to help manage sustainability, energy efficiency, and the LEED certification process on a project. Also included are procedures related to Designed to Earn ENERGY STAR recognition, DTE Incentives Program applications, hiring and working with a building envelope specialist, and building mock-up guidance. Please take some time to become familiar with these requirements.

The Design Management Procedures Manual can be accessed from the AEC website.

BUILDING ENVELOPE DESIGN GUIDELINE

A new design guideline, SID-A “Building Envelope Design,” has been published and is to be used on all projects. This design guideline was created to highlight areas requiring special attention and consideration with respect to the building envelope design. In particular this guideline focuses on control of moisture migration, heat transfer and air leakage and includes an envelope design review process.

SID-A is available on the AEC website.

BUILDING ENVELOPE INSPECTION PROCEDURE

A Building Envelope Inspection Procedure has been included in the Design Management Procedures Manual. This procedure will:

- Assist projects in determining when to hire an envelope specialist and/or envelope inspector.
- Provide guidance to understand what the building specialist’s involvement is during the design phase.
- Provide a link to the U-M Envelope Inspection Checklist. The checklist will guide the envelope inspector through the inspection process to ensure quality and quantity of inspection.
- Provide a link to the RFP for Envelope Specialist and Inspection Services for Design and Construction. The RFP will aid in the hiring process of a firm/individual to be engaged as a building envelope specialist for the project

CONSTRUCTION WASTE TRACKING

Reminder:

Please include specification section 017420 "Construction and Demolition Waste Tracking" on all projects. This specification is only a means of tracking waste and does not dictate requirements for waste reduction; therefore, there will be no cost implication for projects. Included in the specification is a form for documenting all types and amounts of demolition and construction materials removed from the project site. U-M Office of Campus Sustainability (OCS) will follow up with AEC projects, collect the forms and use the information collected to create a benchmark from which measurements of waste tonnage diverted to disposal facilities may be made.

Specification section 017420 is available on the AEC website.

LEED v4

The U.S. Green Building Council (USGBC) has rolled out the next version of the LEED rating system, LEED v.4.

The AEC Sustainability Team is reviewing the LEED v.4 credits to understand the requirements of new prerequisites and credits and get a sense of the impact LEED v.4 will have on U-M projects pursuing formal LEED certification.

Projects registered with LEED after October 31, 2016 will be required to use LEED v.4.