

University of Michigan Design Guidelines

March 2, 2015

1.0 Codes and Regulatory Agencies

Previous SID document relocated to beginning of Design Guidelines for ease of locating reference.

2.0 Project Procedures

New Guideline that includes existing design guidelines regarding University of Michigan Procedures for projects, OPR, BOD, Design Deliverables, Owner's Review Drawing and Construction Document standards and Project estimates.

2.1 OPR and BOD (Owners Project Requirements and Basis of Design)

2.2 Design Deliverables

2.3 Owners Review

2.4 Drawing and Construction Document Standards

2.5 Project Estimates

2.5.1 UMHC Estimating Guidelines

2.6 Insurance Underwriter

2.7 Effective Date

3.0 Sustainability

Existing guideline that now includes previous SID documents that pertain to sustainability, LEED, Recycling and water and Energy Conservation.

3.1 Sustainable Design and LEED Requirements

3.2 Energy and Water Conservation

3.2.1 Energy and Water Conservation Report Format – Projects \$2M to \$10M
Construction Cost

3.2.2 Energy and Water Conservation Report Format – Projects Over \$10M

3.2.3 Energy Impact Statement

3.3 Sustainable Products Portfolio

3.4 Recycling Materials

4.0 Special Instructions to Designers

Chapter contains existing SID documents that are broad in description and span multiple disciplines of documentation.

4.1 Compatibility with Existing Conditions

4.2 Building Envelope

4.3 Building Commissioning

4.3.1 Design Commissioning Phase

4.3.2 MEP Design Coordination

4.3.3 Full Project Commissioning

4.3.4 Project Commissioning

4.3.5 Building Commissioning Documents

4.4 Site/ Civil

4.4.1 Landscape Materials

4.4.2 Site Furnishing Standards Manual

4.4.3 Stormwater Best Management Practices Manual

4.5 Regulated and Hazardous Materials

- 4.6 University Provided Utilities
- 4.7 Building Access Control
- 4.8 Fall Protection on Rooftops
- 5.0 Special Building Areas
 - Existing guideline shall maintain same information as previous guideline. Numbers have replaced letters for ease of expansion in the future. Guidelines can be abbreviated to SBA2.2 as an example.*
 - 5.1 Office Space Guidelines
 - 5.2 Animal Facilities
 - 5.3 Loading Docks
 - 5.4 Telecommunication Rooms
 - 5.5 Custodial Spaces
 - 5.6 Parking Structures
 - 5.7 Unit Sub-Station
 - 5.8 Personal Rooms
 - 5.9 Tunnels
 - 5.10 Gender Inclusive Toilet/ Locker Room
 - 5.11 Fire Command Center
 - 5.12 Lab Design and Safety
 - 5.13 Healthcare and Support Spaces Room Type Requirements
 - 5.14 Patient Care and Support Spaces Room Type Requirements
 - 5.15 UMHC Patient and Staff Protection: Falls, Bariatrics, Low Vision, Ergonomics
- 6.0 Technical Requirements
 - Existing Guideline Technical Sections re-named Technical Requirements to differentiate further from Master Specifications. Content and format have remained intact.*
- 7.0 Master Specifications
 - Existing Guideline, content has remained the same.*
- 8.0 Preferred Manufacturer List
 - Existing Guideline, content has remained the same.*
 - 8.1 Substitutions (Owners Options)
 - 8.2 Architectural
 - 8.3 Mechanical
 - 8.4 Electrical
 - 8.5 Site/ Civil
- 9.0 Standard Details
 - Existing Guideline, content has remained the same.*
 - 9.1 Architectural
 - 9.2 Mechanical
 - 9.3 Electrical
 - 9.4 Site/ Civil
- 10.0 Changes to Design Guidelines
 - This section lists the changes made to Design Guidelines each month.*

SID Document new location reference guide:

Former SID

Document Number

**New location in DG
chapter of books**

SID-A Building Envelope:

Now DG 4.2

SID-B Owner's Project Requirements and Basis of Design:

Now DG 2.1

SID-C Compatibility with Existing Conditions:

Now DG 4.1

SID-D Energy and Water Conservation:

Now DG 3.2

SID-E Substitutions:

Now DG 8.1

SID-F Codes and Regulatory Agencies:

Now DG 1.0

SID-G Commissioning:

Now DG 4.3

SID-H Drawing and Construction Documents Standards:

Now DG 2.4

SID-I Regulated and Hazardous Materials:

Now DG 4.5

SID-J University Provided Utilities:

Now DG 4.6

SID-K Sustainable Design and LEED Requirements:

Now DG 3.1

SID-L Owner's Review:

Now DG 2.3

SID-M Special Requirements: **deleted** information has been relocated to other existing Design Guidelines

SID-O Recycling Materials:

Now DG 3.4

SID-P Project Estimate:

Now DG 2.5

SID-Q Building Access Control:

Now DG 4.7

SID-R Fall Protection from Rooftops:

Now DG 4.8

SID-S Sustainable Product Portfolio:

Now DG 3.3

SID-T Landscape Materials:

Now DG 4.4.1