



Division 02 Existing Conditions

02 05 00 Common Work Results for Existing Conditions

02 05 10 General Requirements for Existing Conditions

1. The design for all UW-Madison facilities shall comply with all of the provisions of the latest version of the Division of Facilities Development (DFD) *Guidelines for Asbestos Effected* (sic) *by Building Renovation and Demolition*, and *Guidelines for Lead (Pb) Bearing Surfaces in State Buildings* which are available from the DFD website.
2. References within the DFD Guidelines regarding the DFD Project Manager shall apply to the UW-Madison Project Manager on UW-Madison managed projects.
3. Project Specifications shall use as their basis all appropriate sections of the latest edition of the DFD Master Specifications.
4. Deviations from DFD's Minimum Design Guidelines or the DFD Master Specification sections shall be made only upon approval from the UW-Madison Project Manager.
5. The A/E shall discuss and resolve all conflicts between the *Guidelines for Planning and Design of UW-Madison Facilities* and DFD guidelines and specifications with the UW-Madison Project Manager.
6. The goals and guiding principles of the UW-Madison Campus Master Plan (latest edition) shall be considered and referenced as part of the planning, design, detailing, and material selection for every project.
7. The A/E shall verify any information derived from building plans, as-built drawings, or other information obtained from the University.

02 05 19 Geosynthetics for Existing Conditions

1. Geosynthetics, fabric weed barriers; Typar, etc. shall not be used in planting beds unless stone mulch is used.
2. Polypropylene (plastic) weed barriers in planting beds and landscape areas are prohibited. They restrict air and water transfer to the soil.
3. Geosynthetics are appropriate for use in controlling soil erosion on steep slopes and providing silt fencing for erosion control.
4. Paving or stone mulch (less than $\frac{3}{4}$ inch diameter) shall be placed a minimum of 2 feet directly adjacent to the building foundation to reduce maintenance issues and to enhance drainage away from the building. The material shall slope away from the building at $\frac{1}{4}$ inch per foot.
 - 4.1. Stone mulch shall be a local sourced and quarried material.
5. Under no circumstances shall any type of geosynthetics be used around a tree. As the tree grows, the fabric girdles the tree trunk.



6. Silt fence and woven silt fabric shall be trenched into the soil, however, under no circumstances shall it be trenched into soils within a tree's Critical Root Zone (CRZ) and drip line. Silt socks shall be used as an alternative.
7. Under no circumstances shall silt fence, woven silt fabric, or non-woven fabrics be used as inlet protection. Monofilament, FF type fabric shall be used for inlet protection unless an inserted inlet basket is used.

02 20 00 Assessment

02 21 00 Surveys

02 21 13 Archeological and Historic Surveys

All projects shall consult with UW-Madison Campus Planning & Landscape Architecture to determine if the project requires an archeological, historic, or cultural property review and/or survey. Any communication with the Wisconsin Historical Society shall be coordinated by UW-Madison Campus Planning & Landscape Architecture staff.

02 24 00 Environmental Assessment

1. Site shall be tested for contaminated soils or any other contamination. If contamination is found, proper remediation shall be included in project.
2. Site shall be evaluated for environmental sensitive areas. Any environmentally sensitive areas found shall be protected.
3. Refer to the Environmental Impact Statement or Environmental Impact Assessment for design restrictions and parameters.

02 40 00 Demolition and Structure Moving

02 41 00 Demolition

02 41 13 Selective Site Demolition

1. Project specifications for demolition shall be based upon the DFD *02 41 00 Demolition* model specification section, modified as needed for the project.
2. All trees on the registered campus tree inventory shall be preserved and protected from all damage during construction unless approved for removal UW-Madison Campus Planning & Landscape Architecture and coordinated through the UW Project Manager as part of the scope of work.
3. Relocation of any trees and shrubs shall be coordinated with UW-Madison Campus Planning & Landscape Architecture and UW-Madison Grounds before 35 percent review and prior to the start of demolition and/or construction.
4. Grubbing: This term is defined by UW-Madison as the removal of all tree roots and stumps from site soils. Grubbing is required prior to excavation and preparation for footings. It is not required where stump grinding or a similar procedure may already prepare the ground for the installation of sod or similar material. The need for grubbing shall be reviewed and coordinated through the UW-Madison Project Manager.



5. Tree and Shrub Transplanting Guideline: Trees larger than 2 inch caliper shall not be considered for transplanting unless they are of superior quality and are a rare specimen on campus. Any request for transplanting a tree specimen shall be coordinated with UW-Madison Campus Planning & Landscape Architecture and UW-Madison Grounds.

02 41 16 Structure Demolition

1. The complete foundation support for the building shall be removed to whatever depth the footings extend, except for structural pilings. No foundation walls or fragments shall be left beneath the soil.
2. Removal of any extraneous structures, utilities, or materials such as foundations, rocks, roads, and roadbeds requires coordinated approval obtained through the UW Project Manager to excavate.

02 42 00 Removal and Salvage of Construction Materials

1. The Contractor is required to provide a construction waste management (CWM) plan for all materials removed during the project, including site demolition and construction debris during the construction phase.
2. The contractor will coordinate with the UW-Madison Project Manager regarding any building or site materials to be salvaged and returned to owner. Include this in 35% plan review and the CWM plan.
3. Existing site furnishings, including but not limited to all signs, benches, outdoor tables, bike racks, waste and recycling containers, ash urns, parking meters, public art, plaques, memorials, etc. shall be protected throughout construction. If they are to be removed per the construction documents, the contractor shall coordinate removal and salvage with the UW-Madison Project Manager. Items to be stored and reinstalled shall be clearly noted on the drawings and protected by the contractor until they are reinstalled. Bike racks and parking meters shall be removed by UW-Madison Transportation Services.
 - 3.1. The storage and/or relocation of any existing site furnishings shall be paid for by the project.
4. All site furnishings damaged during construction or while in storage shall be replaced by the contractor at contractor's expense.
5. All planters, rocks/boulders, benches, sculptures, plaques, or other memorials shall be protected from construction damage or loss by placing them in a secured area during construction. The protected site shall be set up to prevent repeated moving of these properties. Relocation to their final site and reinstallation shall be coordinated with the UW-Madison Project Manager and Campus Planning & Landscape Architecture. Include in the 35 percent review plan set.