



## Division 02. Existing Conditions

### 02 00 00. Existing Conditions

#### *02 05 00. Common Work Results for Existing Conditions*

##### **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 being used.
2. The campus does not permit the use of polypropylene (plastic) weed barriers to be used in any planting beds or landscape areas as they prohibit air and water transfer to the soil.
3. Geosynthetics are appropriate for use in controlling soil erosion on steep slopes and in providing silt fencing for erosion control.
4. Paving or stone mulch (less than ¾ 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 ¼ inch per foot.
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 Radius (CRR). 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 40 00. Demolition and Structure Moving

#### *02 21 00. Surveys*

##### **02 21 13.23 Archeological and Historic Surveys**

All projects shall consult with UW Campus Planning and Landscape Architecture to determine if the project requires an archeological or historic property review and/or survey. Any communication with the Wisconsin Historical Society shall be coordinated by UW Campus Planning and 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 41 00. Demolition***

### **02 41 13. Selective Site Demolition**

1. All trees on the registered campus tree inventory shall be preserved and protected from any and all damage during construction unless approved for removal by Facilities Planning and Management landscape architecture staff and coordinated through the UW Project Manager as part of the scope of work.
2. Relocation of any trees and shrubs shall be coordinated with Facilities Planning and Management landscape architecture staff prior to the start of demolition and/or construction.
3. Grubbing: This term is defined by UW 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 Project Manager.
4. Tree and Shrub Transplanting Guideline: Trees larger than 2 inches caliper shall not be considered for transplanting unless they are of superior quality and are a rare specimen on campus. Any request for tree specimen relocation shall be confirmed through the UW Project Manager.

### **02 41 16. Structure Demolition**

1. The complete foundation support for the building shall be removed to whatever depth the footings extend, with the exception of 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 road beds 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 complete recycling plan for materials removed during site demolition and construction debris during the construction phase.
2. Coordinate with UW Project Manager any building or site materials to be salvaged and returned to owner.
3. Existing site furnishings including but not limited to all signs, benches, outdoor tables, bike racks, waste and recycling containers, ash urns, parking meters, etc. shall be protected throughout the course of construction. If they are to be removed per the construction documents, the contractor shall coordinate removal and salvage with the UW Project Manager. Items to be stored and reinstalled shall be clearly noted on the drawings and protected by the contractor until they are reinstalled. All exterior furnishings such as tables and chairs shall be removed from the site by UW departmental personnel prior to the contractor taking responsibility for the site. Bike racks and parking meters shall be removed by UW Transportation. Waste, recycling and ash containers shall be removed by UW Physical Plant.



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- 3.1. Any damaged site furnishings damaged during construction or while in storage shall be replaced by the contractor.
  
  4. 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 Project Manager and included in the 35 percent review plan set.