

General

In general, follow the guidelines below when dealing with Existing Conditions. Unless specifically indicated otherwise, these guidelines are not intended to restrict or replace professional judgment:

1. Use of Explosives in Demolition or Investigation is prohibited.
2. Where “destructive” type investigations are required, coordinate schedule, extent of “destruction” and repair/patching work with Facilities prior to commencement of these investigations.
3. College provided information is schematic in nature providing an approximate existing condition however is not guaranteed to be accurate. The Professional and Contractor shall perform all field reviews and investigation necessary to perform their services prior to commencing work. The following reviews may be required, depending on project scope:
 - a. Review of existing documentation available from the Physical Plant.
 - b. Physical field verification of existing conditions.
 - c. Verification of Utility Capacities and preparation of reports substantiating project utility needs no later than Schematic Design.
 - d. Identification of known code deficiencies within the project area, including specific code section citing the requirements. This shall be summarized in a report and submitted to Facilities for review no later than Schematic Design.
4. Site Examination is required by the Professional and Contractor prior to Commencement of any work. Subcontractors may also be required to field visit and verify existing conditions prior to commencing work.
5. Professionals and Contractors may be required, or elect, to photographically document existing conditions or investigations. Copies, in electronic format and hardcopy, of all photographs by the Professional or Contractor shall be provided to the Owner for record purposes.

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6. Prior to removal of items in usable or good condition, coordinate with the College and clearly define what fixed items shall be salvaged and turned over to the College.

These may include, but not be limited to:

- a. Security Technology Devices
- b. Doors and Hardware
- c. Light Fixtures
- d. Kitchen Equipment
- e. Laboratory Equipment
- f. Telephone Systems
- g. Fire Protection Systems – Fixed and Portable

7. Coordinate with the College Recycling Program for the proper removal and recycling of any item, including, but not limited to:

- a. Light Lamps
- b. Light Ballasts
- c. Carpeting
- d. Ceiling Tiles

Section 02 30 00 Subsurface Investigation

1. The Professional shall direct and provide site or subsurface investigation judged necessary in accordance with the Professional's project work scope. Services may include:

- a. Contacting the Facilities for any college records of site hazards, investigative work and surveyor reports, testing laboratories (including test borings), soil analysis (including load bearing capabilities) and related site analysis,
- b. Where existing records do not exist, or need to be recreated or resurveyed, the Professional shall be responsible for obtaining new surveys and reports for site hazards, surveys, tests, or soil borings and analyses.
- c. Submit two copies of any site investigative reports to the ESC Project Manager.

2. Existing Site Information to be Included in Contract Documents: Show all boring locations, cross sections and soil conditions. Also show all existing conduits, drains, utility lines, sewers, tunnels, cables, trees, paving, walks, foundations and other objects or obstructions, whether in use or abandoned.

3. Information furnished by the College shall be for the Design Professional or Contractors reference only, and the College shall in no way be held responsible for accuracy of the information.

4. Protection of Existing Site and Buildings: Protect all buildings, drives, parking areas,

trees, walks, and planted areas during subsurface investigations. All existing site elements shall be left in their original condition. Coordinate all work with Facilities.

5. Preparation of Plans For Borings: In the preparation of plans for boring locations, the Professional shall study plans of existing underground utilities and shall locate borings to avoid these utilities. Strategic locations shall be identified for these investigations considering existing underground utilities and the proposed location of buildings and paved areas. Maps showing approximate location of underground installations are available for review at the College Physical Plant

Section 02 41 16 Structure Demolition

1. Demolition of Foundations: Extent of foundation demolition shall be verified with Facilities prior to work. Where new structures will replace existing structures, the entire foundation structure shall be removed.

2. Only where allowed by Facilities to remain, the existing slabs remaining under fill for new structures shall be broken to small rubble size for any pieces designated to remain to provide for drainage.

Section 02 41 19 Selective Structure Demolition

1. Professional shall clearly delineate on the Construction Documents the extent of selective demolition. Provide demolition site plans, floor plans, elevations, or details to clearly identify what is scheduled for removal and what is scheduled to remain.

2. Identify on the demolition plans or schedule what items shall be temporarily removed and re-used, and those item which shall be turned over to the Owner.

Section 02 44 00 Equipment Moving

1. Relocated Equipment: Special concern shall be taken with equipment relocated from existing installations for reinstallation. Professional shall establish a schedule for removal and reinstallation and coordinate with the subject Department and Facilities. Identify a single contractor or responsible personnel to be solely responsible for removal, disposal, and re-installation and follow-up. Relocation of existing equipment shall include:

- a. Disconnecting and moving to new location.
- b. Restoration and capping of utilities at the old location.
- c. Specify that the contractor record existing utility piping arrangements to facilitate reinstallation.
- d. The contractor shall be required to replace unsalvageable piping, ductwork, and wiring, and furnish any new piping, ductwork, and wiring

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- as required to complete reinstallation, without additional cost to the College.
- e. The contractor is to provide a separate container(s) for recycling.
 - f. Provide all moving devices, packing materials, labels, temporary storage, and labor necessary for moving of equipment.

Section 02 82 00 Asbestos Remediation

1. Professionals and Contractors shall comply with the College Policies and Procedures regarding disturbance or removal of known or suspected Asbestos Containing Materials (ACM).
2. Prior to working with, disturbing, or removing any ACM's, the Professional or Contractor shall notify the Facilities Project Manager all work providing advance notice of remediation.
3. If unanticipated ACM's are encountered, all work shall halt until it has been properly removed by licensed / certified professionals, and certified technicians have identified and provided written verification and test results that the area is safe for work.
4. Specifications: When asbestos work is involved, specifications must require conformance to all pertinent provisions of Florida State Statutes, and Local laws, codes, rules and regulations for removal or control of asbestos. Those known to us at this writing are:
 - a. U.S. EPA National Emission Standards for Hazardous Air Pollutants (NESHAP); Asbestos: 40CFR (Code of Federal Regulations), Part 61, Subparts A and M).
 - b. U.S. Department of Labor Occupational Safety and Health Administration (OSHA) Asbestos standards: 40 CFR Part 29, Section 1910.10001 (General Industry) and 1926.58 (Construction).
 - c. U.S. EPA, "Guidance for Controlling Asbestos-Containing Materials in Buildings" (the "Purple Book").
 - d. ANSI Practices for Respiratory Protection (ANSI Z88-2-1969) and OSHA Personal Protection Equipment Standard: 29 CFR 1910 Subpart I.
 - e. U.S. EPA Comprehensive Environment Response, Compensation and Liability Act (CERCLA): 40 CFR 763.117 and .302.
 - f. U.S. Department of Transportation: 49 CFR 171 and 172.
 - g. Florida State Statutes as required by code.
5. Contractors or Subcontractors involved in asbestos work must be required to meet the following minimum requirements:

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- a. Prospective asbestos abatement companies must meet the College's qualification requirement prior to commencing their activities.
- b. **The contractor** of a successfully bid project must submit an asbestos abatement plan and have it approved prior to commencing the work.
- c. The contractor must have detailed written operating procedures describing techniques to be used.
- d. Records must show contamination levels prior to, during and after asbestos
- e. work on projects. These records would show monitoring of air and of personnel.
- f. In all structures, whether partly occupied or not during asbestos removal, it is vital to maintain clearly identified routes of egress.

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