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SECTION 01 18 00

EXISTING UTILITIES

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**Note: This section is intended to include general procedural requirements for locating and protecting existing utilities (above and underground) and for shutting down utilities for repairs, modifications, connections, etc.**

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PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Before performing any utility modifications, utility shutdowns, or any hot work on an existing utility within or outside of a building, or performing any excavation, drilling holes, performing any vibroflotation (vibrocompaction) work, hot work on any underground utility, or driving piles, the Builder shall contact FIU's Project Manager and all concerned utilities.
- B. Prior to performing any work Builder should obtain from FIU's Project Manager available information on file relative to record drawings, surveys, or other data. Information is provided for reference only. Owner cannot guarantee reliability of existing data. Builder shall verify and perform its own field investigations to ascertain existing conditions.
- C. Before any shut-down of an existing active utility, the Builder shall complete the SHUT-DOWN REQUEST FORM appended to this Section, as appropriate to the project type, and submit it to the FIU Project Manager in accordance with the form's instructions.
- D. Before initiating hot work, the Builder shall submit the Hot Work permit application with FIU Environmental Health & Safety. Hot Work includes, but is not limited to, brazing, cutting, grinding, soldering, torch applied roofing, and welding.

1.02 RELATED REQUIREMENTS

- A. Section 01 35 23 - Hot Work Operations

PART 2 PRODUCTS

Not used.

PART 3 EXECUTION

- 3.01 The Builder shall comply with the Provisions of the Underground Facility Damage Prevention and Safety Act - Chapter 556, Florida Statutes.
- 3.02 Prior to performing any excavation or digging, the Builder shall give 48 hours notice to each owner of the underground utility facilities. Notifying air underground utility locator company does not satisfy this requirement.
- 3.03 During the 48-hour period, the underground utility owner shall go to the site and flag its facility.
- 3.04 Violation of the above referenced statute can be cause for civil fines and criminal offenses as delineated in the above referenced statutes.
- 3.05 Shut Down:

- A. Requestor/Contractor Requirements:
1. The Builder shall contact the FIU Project Manager for a kick-off meeting regarding shutting down any equipment or system that may impact the project or adjacent buildings.
  2. Once the affected areas have been identified, the Builder shall complete the request form correctly with all pertinent information.
  3. All Contractors/Requestors shall follow the procedures that are attached to the SHUT-DOWN REQUEST FORM appropriate to the project type.
- B. Requirements for filling out the form and procedures:
1. Complete the form properly by making sure to attach all necessary documents showing the affected areas, devices, permits, certification of licenses from Builder and environmental plans (if required), etc.
- C. The following are the requirements for each discipline to be attached to the **SHUT-DOWN REQUEST FORM 06**:
1. Electrical/Mechanical - site plans or as-builts showing affected areas, scope of work, etc.
  2. Water/Sewer – (water) site plans or as built showing affected areas, scope of work; (sewer) – site plans or as-builts showing affected area and scope of work.
  3. Fire Sprinkler & Alarm – site plans or as-builts showing affected areas and scope of work.
  4. Security & Life Safety – site plans or as-builts showing affected areas and scope of work.
- D. This is to ensure that all shut-downs are approved in a timely manner.
1. Deliver or fax the completed SHUT-DOWN REQUEST FORM to the FIU Project Manager.
  2. The FIU Project Manager will approve the shut-down.
  3. An e-mail will confirm notifying everyone affected by the shut-down of the date. Unless an emergency arises, all shut-downs shall be scheduled within [\_\_\_] working days after completed paperwork is submitted.

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