

## **SECTION 02005 – PROTECTION OF EXISTING UTILITIES**

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### **PART 1 – GENERAL**

#### **1.01 SCOPE OF WORK**

- A. Locate, identify and field mark out all on-site utility lines to remain in operation, if any, during execution of the Work.
- B. Lock-Out/Tag-Out utility lines and HVAC systems located within the abatement work area and protect from damage.
- C. Submission of procedures to be used to ensure the safety of all utilities.
- D. Repair of any damage to utilities during subject abatement activities.

#### **1.02 RELATED DOCUMENTS**

- A. Documents affecting the Work of this section include all Contract Documents and site specific technical specifications including:
  - 1. Section 02115 – Health and Safety Requirement
  - 2. Section 02150 – Waste Disposal Requirements
  - 3. Section 02283 – Floor Abatement - Interior
- B. Contract Drawings

#### **1.03 PROJECT RECORD DOCUMENTS**

- A. Accurately record actual locations and inverts of existing and capped utilities and utility lines encountered during execution of the Work.

#### **1.04 REGULATORY REQUIREMENTS**

- A. Contractor shall notify and coordinate with all affected utility companies, agencies, authorities, owners, etc. at least 48 hours prior to the commencement of Work and shall comply with their requirements.
- B. Contractor shall contact the "New Jersey One Call (800) 272-1000" service for an official utility mark out. Utility mark-outs shall be completed by all utility companies prior to any site operations that may impact or affect utilities in any way.

### **PART 2 - PRODUCTS**

(Not Applicable)

### **PART 3 - EXECUTION**

#### **3.01 GENERAL REQUIREMENTS**

(Not Applicable)

#### **3.02 PREPARATION**

- A. Sub-surface utilities are present in the form of electrical conduits and junction box(es) that have cover plates. The cover plates are to be removed, saved and reinstalled as part of the project. New flooring elevation should be the same as existing, such that

electrical box(es) and any other flooring anchors (such as volleyball or gymnastics) are maintained. Contractor is responsible for any repairs to any floor anchors. Protection of the electrical connections shall be made after being de-energized. Contractor is also responsible for the protection of interior utilities not removed by the school district prior to abatement. This might include, light fixtures, electrical outlets, sprinkler heads, water fixtures/pipes, and internet routers. It is the Contractor's responsibility to become familiar with the work area and any utilities that may be encountered, and provide protection accordingly. Contractor is to utilize electrical service from a GFCI panel box, to be located outside of the work area, in the execution of its work.

- B. The Contractor shall field locate all existing utilities which are to remain in service during execution of the Work and those which are to be abandoned as shown within the contract limit line on the Contract Drawings.

**3.03 PROTECTION**

- A. Flag, barricade or suitably protect existing utilities during operations and equipment movement.
- B. Prevent interruption of existing utility service to occupied or used facilities, except when authorized in writing by authorities having jurisdiction.

**3.04 REPAIRS**

- A. Any damage to existing, operational utilities by Contractor or its Subcontractors during the on-going operation of the Contractor shall be immediately repaired to operational standards at Contractor's expense. If the repairs are not immediately addressed by Contractor, utility owner and/or Owner shall contract for the repair at Contractor's expense.

**END OF SECTION 02005**