

## SECTION 01500

### CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

#### PART 1 GENERAL

##### 1.1 GENERAL

- A. Unless specified otherwise, ALL costs for providing temporary controls, utilities and services shall be borne by the Contractor until the project is accepted by the WSD. The Contractor or Developer shall be responsible for any damage resulting from authorized or unauthorized use of public facilities.

##### 1.2 WATER

- A. Provide service required for construction operations. Coordinate all connections and piping with WSD. No connection shall be permitted without proper cross-connection device and metering. Unauthorized connections shall be turned over to the City of Brentwood, TN, Police Department for prosecution.
- B. Water for testing of lines, elevated tank, and other uses shall be made available through Owner, but Contractor shall pay cost for pumping water used and shall provide for connecting and receiving same. Water used up to the day of final acceptance by Owner shall be at Contractor's expense and billed at the current commercial rate.

##### 1.3 SANITARY FACILITIES

- A. Provide and maintain required facilities and enclosures.
- B. Materials may be new or used, adequate for purpose, which will not create unsanitary conditions.
- C. Toilet Facilities: Use enclosed portable self-contained units or temporary water closets and urinals, secluded from public view. Provide separate facilities for men and women. Temporary containment units shall be cleaned and maintained in a timely manner as not to cause a nuisance to the public or to users of the facilities.
- D. Provide facilities at time of site mobilization.
- E. Clean areas of facilities daily, maintain in sanitary condition. Provide toilet paper, paper towels, and soap in suitable dispensers.

- F. Remove temporary facilities prior to or at the time of Completion.

#### 1.4 BARRIERS

- A. Provide as required to prevent public entry to construction areas to provide for WSD's use of site, and to protect existing facilities and adjacent properties from damage from construction operations.
- B. Provide barricades as required by governing authorities for public rights-of-way.
- C. Provide barriers at boundary of easements and around trees and plants designated to remain. Protect against vehicular traffic, stored materials, dumping, chemically injurious materials, and puddling or continuous running water.

#### 1.5 PROTECTION OF INSTALLED WORK

- A. Provide temporary protection for installed products. Control traffic in immediate area to minimize damage.
- B. Prohibit traffic and storage on lawn and landscaped areas.

#### 1.6 SECURITY

- A. Provide security to protect Work, existing facilities, and operations from unauthorized entry, vandalism and theft.

#### 1.7 WATER CONTROL

- A. Grade site to drain. Maintain excavations and site free of standing water.
- B. Protect excavations from inflow of surface water. Pump minor inflow of ground water from excavations using appropriate erosion and siltation control devices; protect excavations from major inflow of ground water by installing temporary sheeting and waterproofing.
- C. Provide adequate barriers which will protect other excavations and below-grade property from being damaged by water, sediment or erosion from or through utility work excavations.
- D. Provide and operate drainage and pumping equipment as needed to maintain ground water at a level below utility work excavations, until backfilling is completed.
- E. Provide for appropriate permitting related to dewatering operations.

1.8 CLEANING DURING CONSTRUCTION

- A. Control accumulation of waste materials and rubbish weekly; dispose of off-site. Recycle materials when practical. Keep excavations and trenching operations free and clear of trash and debris at all times.

1.9 STORAGE AREAS

- A. Storage areas for Tools, Materials and Equipment should be appropriately protected from weather, with adequate space for organized storage and access, and lighting for inspection of stored materials.

1.10 REMOVAL

- A. Remove temporary materials, equipment, services, and construction prior to acceptance of the Work.
- B. Clean and repair damage caused by installation or use of temporary facilities. Restore existing facilities and site used during construction to specified, or to original, condition.

END OF SECTION 01500 - CONSTRUCTION FACILITIES AND TEMPORARY  
CONTROLS