

# CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

## SECTION 01500

### 1.01 DESCRIPTION

- A. **Scope:** Work required under this section consists of all temporary construction facilities, services and related items to complete the work indicated on the drawings and described in the Project Manual.
- B. **Standards:**
  - 1. Conform to or exceed all temporary construction requirements stated in the current edition of the **International Building Code**.
  - 2. Refer to Article 10.1.1 in Section 00700 entitled *General Conditions*.
- C. **Materials:** All materials required by the Work of this section shall be as specified in the respective sections.

### 1.2 FACILITIES AND CONTROLS

- A. **Access:** The Prime General Contractor shall provide an adequate access and/or roads to the site of the structure, if required for the prosecution of work; and, should also provide and maintain at least one (1) temporary, or permanent, access to each working elevation to be permanently occupied.
- B. **Hoisting Facilities:** The Prime General Contractor shall be responsible for providing suitable capacity and hoisting facilities for all people and materials. The use of the hoisting facilities shall be by mutual agreement of the Prime General Contractor and the individual Contractor.
- C. **Field Office and Sheds:** At all times, the Prime General Contractor shall provide and maintain a weatherproof office with telephone, which may also be used by Subcontractors, the Owner and the Professional. Office location will be approved by the Owner. Each general and individual Contractor shall provide suitable watertight/dampproof sheds to house their construction materials.
- D. **Sanitation Facilities:** The Prime General Contractor is responsible for furnishing adequate temporary toilet facilities on the job site.
- E. **Drinking Water:** The Prime General Contractor shall provide at all times sanitary drinking water facilities for all workmen on the job including ice, when required, and paper cups, etc..
- F. **Fire Protection:** The Prime General Contractor shall provide general temporary fire protection. Subcontractors will be responsible for their own.
- G. **Storage:** The Prime General Contractor shall coordinate the allocation of storage areas to the various Subcontractors.
- H. **Temporary Heat:** The Prime General Contractor shall provide heat, fuel and services, as necessary, to protect all work from dampness and cold until final acceptance. If in the late stages of the construction, mechanical and electrical installations will permit, the mechanical and electrical facilities may be used to provide heat and ventilation. However, the Owner is saved harmless of any costs of operation or responsibility as to acceptance of mechanical and/or electrical installations.
- I. **Utilities:** The Prime General Contractor shall make arrangements for and furnish all water, electricity (lighting and power) and other utilities necessary for construction purposes. A written agreement must be reached on how all utilities (water and electricity) will be furnished and the rates the Contractor will be charged. A copy of the final agreement signed by the Contractor and MSU must be forwarded to MSU. If the written agreement is not filed with MSU, the Contractor waives all rights as to the rates charged. MSU will then determine all utility rates and assess the charges before final payment is rendered.
- J. **Project Sign:**
  - 1. The Prime General Contractor shall erect on adequate supports and maintain one (1) neatly constructed

- and painted 3/4" thick plywood sign approximately four (4) feet by eight (8) feet. The Professional will provide colors, lettering, layout and location of the sign.
2. No other signs shall be displayed on the job site without permission of the Professional. The display of sign advertisements is strictly prohibited.

**K. Construction Site Fence:**

**1. GENERAL**

- a) Prior to initiating any on-site construction activities, the Prime General Contractor shall erect a temporary construction fence as indicated in the contract documents. The Contractor will meet with the Owner and Professional prior to the start of the installation to discuss timing, work conditions and pedestrian routing.
- b) The Contractor shall call Mississippi One-Call System, Inc., before driving any posts for the fencing.
- c) Signs shall not be posted on the fence system except: "Caution: Construction Area Authorized Personnel Only" signs may be installed at 50 foot intervals; safety related signs required by OSHA; and visitor site entry rules as required by the Contractor. Advertising signage is strictly prohibited.
- d) The Contractor shall keep plant growth from around the base of the fence by either trimming or chemical treatment.
- e) Fence shall be maintained for the duration of the project, and shall not be removed without the Owner's permission.

**2. FENCE DESIGN AND MATERIALS**

- a) The minimum height for all temporary fencing shall be 8 feet.
- b) The fencing shall be of galvanized 11-1/2 ga. chain-link construction with a minimum of 1-5/8" O.D. tubular steel posts and top rails, and bottom tension wire.
- c) Privacy netting to screen construction activities shall be used on all projects unless specified otherwise in the contract documents.
- d) Privacy screen material shall be vinyl coated polyester or polypropylene, 6' tall, green, seamed reinforced hems at all edges, and grommets a maximum of 24" on center, equal to U.S. Fence's Privacy/Windscreen netting.

**3. GATES**

- a) Limit entrance/exit to no more than two locations, unless otherwise approved by the Owner.
- b) Gates shall be a minimum of 12 feet in width to allow access for emergency vehicles.
- c) Where other transportation authorities need to review gate locations and operation, communication with those authorities will be coordinated through the Owner.
- d) Gates shall be closed and locked at all times the site is not occupied, unless otherwise directed by the Owner where emergency vehicle passage through the site is needed to access existing occupied buildings.