

SECTION 01500

CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Temporary Utilities: Electricity, lighting, heat, ventilation, telephone service, and sanitary facilities.
- B. Temporary Controls: Barriers, enclosures and fencing, protection of the Work
- C. Construction Facilities: parking, progress cleaning.

1.2 TEMPORARY ELECTRICITY

- A. Cost: By Owner; connect to Owner's existing power service. Do not disrupt Owner's use of service. Owner will pay cost of energy used. Exercise measures to conserve energy. Provide power outlets for construction operations, with branch wiring and distribution boxes located as required. Provide flexible power cords as required.

1.3 TEMPORARY LIGHTING FOR CONSTRUCTION PURPOSES

- A. Provide and maintain lighting for construction operations. Provide branch wiring from power source to distribution boxes with lighting conductors, pigtails, and lamps as required. Maintain lighting and provide routine repairs. Permanent building lighting may be utilized during construction.

1.4 TEMPORARY HEATING

- A. Provide and maintain heating for construction operations
- B. Owner will pay cost of energy used. Exercise measures to conserve energy.

1.6 TEMPORARY VENTILATION

- A. Ventilate enclosed areas to achieve curing of materials, to dissipate humidity, and to prevent accumulation of dust, fumes, vapors, or gases.

1.7 TELEPHONE SERVICE

- A. Provide, maintain, and pay for contractor's telephone service

1.8 TEMPORARY WATER SERVICE

- A. Owner will pay cost of water used. Exercise measures to conserve water.

1.9 SANITARY FACILITIES

- A. Existing facility use is permitted, but limited to locations designated by Owner.

1.10 BARRIERS

- A. Provide barriers to prevent unauthorized entry to construction areas, to allow for Owner's use of site, and to protect existing facilities and adjacent properties from damage from construction operations and demolition.
- B. Provide temporary barricades when moving materials into or out of the building through building public lobbies. All barricades must be approved before

- placement by building security and the building engineer.
- C. Provide protection for doors and elevators and floors. Repair any damages that occur during the course of the project.
- D. Protect non-owned vehicular traffic, stored materials, site, and structures from damage.

1.11 INTERIOR ENCLOSURES

- A. Provide temporary partitions and ceilings as indicated to separate work areas from Owner occupied areas, to prevent penetration of dust and moisture into Owner occupied areas, and to prevent damage to existing materials and equipment.

1.12 PROTECTION OF INSTALLED WORK

- A. Protect installed Work and provide special protection where specified in individual specification sections.
- B. Provide temporary and removable protection for installed Products. Control activity in immediate work area to prevent damage.
- C. Provide protective coverings at walls, projections, jambs, sills, and soffits of openings.
- D. Protect finished floors, stairs, and other surfaces from traffic, dirt, wear, damage, or movement of heavy objects, by protecting with durable sheet materials.
- E. Prohibit traffic or storage upon waterproofed or roofed surfaces. If traffic or activity is necessary, obtain recommendations for protection from waterproofing or roofing material manufacturer.
- F. Prohibit traffic from landscaped areas.

1.13 SECURITY

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

1.14 ACCESS

- A. Provide and maintain access to fire hydrants, free of obstructions.

1.15 PARKING

- A. Park only where designated by Owner

1.16 PROGRESS CLEANING AND WASTE REMOVAL

- A. Maintain areas free of waste materials, debris, and rubbish. Maintain site in a clean and orderly condition.
- B. Remove debris and rubbish from pipe chases, plenums, attics, crawl spaces, and other closed or remote spaces, prior to enclosing the space.
- C. Broom and vacuum clean interior areas prior to start of surface finishing, and continue cleaning to eliminate dust.
- D. Collect and remove waste materials, debris, and rubbish from site periodically and dispose off-site.
- E. Open free-fall chutes are not permitted. Terminate closed chutes into appropriate containers with lids.
- F. No disposal of debris is permitted in building compactor without prior approval. If

debris is found in the building compactor, the Contractor will be billed for the trash haul.

1.17 PROJECT IDENTIFICATION

- A. Project signs are allowed, but not required. All Signage shall be approved by Owner.

1.18 REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS

- A. Remove temporary utilities, equipment, facilities, materials, prior to Substantial Completion inspection.
- B. Clean and repair damage caused by installation or use of temporary work.
- D. Restore existing facilities used during construction to original condition. Restore permanent facilities used during construction to specified condition.

1.19 DELIVERY

- A. All Contractors and sub-contractors are required to use the rear entrance only.
- B. All materials must be delivered using the rear entry door. Contractor will be responsible for compliance of all sub-contractors under his direction.
- C. Materials, equipment and debris must be contained within the workspace in a neat and orderly fashion.
- D. Contractor will not transport materials onto the Property without providing the Chief Engineer a copy of the Material Safety Data Sheet (MSDS) for each material and shall maintain copies of the MSDS documents on the Property near the work areas where the materials are used and any storage areas where the materials are stored.

PART 2 PRODUCTS

Not Used.

PART 3 EXECUTION

Not Used.

END OF SECTION