

SECTION 01500 – TEMPORARY FACILITIES

PART I – GENERAL

1.01 PROTECTION MEASURES – GENERAL

- A. Provide barricades and other safety precautions as required to insure the protection of the public as well as employees and others whose duties require their presence on the premises at the project site.
- B. Provide all bracing and shoring as required for safety and for the proper execution of work, remove when work is complete.
- C. Provide and maintain guard lights at all barricades, obstructions in streets and sidewalks, and all trenches and pits adjacent to public roads.
- D. Weather Protection: Provide protection of work at all times against rain, wind, storm, frost or the heat, to maintain all work, materials, apparatus and fixtures free from injury or damage. At the end of the days work, all new work likely to be damaged shall be protected.
- E. Provide erosion control means including siltation fences and hay bales.

1.02 MATERIALS PROTECTION

- A. Protect materials, both before and after their incorporation in the Work, as required to prevent damage from moisture, rain, dirt, cold, sunlight, and other harmful influences.
- B. Do not deliver materials to the job until they can be protected properly.
- C. If possible, store materials vulnerable to exposure inside building or other enclosure.
- D. Follow recommendations of manufacturers and subcontractors for protection and storage.
- E. Protect work which has been completed.
- F. Replace work which becomes unfit for use or unsightly during construction. Replace broken products, both existing and new. Restore materials, equipment, and finishes damaged, soiled, or otherwise made unsightly during construction. Restore shop applied finishes according to manufacturer's recommendations. If finishes cannot be restored to new condition, replace damaged parts.
- G. Call before you dig: Call Dig Safe and notify local utility companies to locate existing utilities 4 days prior start of construction. Utility companies will provide markers consisting of paint and identified stakes. Maintain markers and stakes in place throughout construction. In addition provide and maintain protective tapes, barriers, and warning signs necessary to protect the installation from damage.

1.03 USE AND PROTECTION OF BUILDING AND SITE

- A. Confine construction operations to minimum reasonable area. Restore those portions of site where no new work is indicated. Restoration shall include the following:
 - 1. Replace and regrade loam.
 - 2. Restore original contours.
 - 3. If areas were formerly covered with natural vegetation, prune remaining plants.
 - 4. If areas were formerly covered with grass, perform seeding.

5. In other cases, proceed to restore site as nearly as possible to original condition or better.
 6. Maintain the continuous operations of the existing tenants with no business interruptions.
- B. Provide erosion and sediment protection, as follows:
1. Protect the work in progress against erosion. Conform to the requirements of environmental protection agencies having jurisdiction.
 2. If seeding, sodding, planting, and mulching are not done before substantial completion, provide protection to prevent erosion. Methods of protection include sodding, temporary mulch, and seeding with rapidly growing annual grasses, to be replaced next seeding season with permanent grass.
- C. Maintain electric service, water service, gas service, and other services which affect existing buildings and their operations. If disconnection is necessary, coordinate with Owner. If necessary, perform work when Owner's operations are not scheduled.
- D. Arrange and maintain temporary facilities so as not to encumber walks, drives, roads, and ways of access and egress. Maintain safe access and egress for Owner to carry on full use of existing businesses in accordance with codes. Clear ice and snow from access and egress ways in construction area. If required for access and egress, construct temporary stairs, walks, and other structures.
- E. Restrict construction personnel to areas where construction is going on.
- E. Provide adequate barricades throughout the project area to isolate the work area

1.04 FIELD OFFICE

- A. The Contractor shall provide and maintain, at a location, outside existing building, approved by the Owner's Authorized Representative, a field office at which he or his authorized representative shall be present at all times while work is in progress. Instructions received there shall be considered as delivered to the Contractor.
- B. Field office shall be equipped with a drafting board and work area for use by the Owner's Authorized Representative.
- C. Field office shall be equipped with conference room with table and chairs appropriate for use for Project Weekly Meetings.
- D. Field office facilities shall be heated, cooled and ventilated.
- E. Field office shall be equipped with a copying machine.
- F. Provide cooled drinking water in Field office.
- G. Electric service to field office shall be separately derived and paid for by the Contractor.

1.05 TELEPHONE

- A. Provide temporary telephone service in the field office for used in implementation of this project. The Contractor shall pay all service and usage charges. Provide on a separate telephone line a facsimile machine.

1.06 TOILET FACILITIES

- A. Provide and maintain temporary toilet facilities for the sanitary necessities of all persons employed on the work. Toilet facilities shall be placed at approved locations near the work and shall be kept in a clean, sanitary condition at all times. The Contractor shall not use facilities in the existing buildings.

1.07 FIRST AID

- A. Provide and maintain: first aid facilities and ensure the availability of medical personnel for all persons employed on the work.

1.08 SIGNS

- A. Except as otherwise specified, no sign or advertisement will be allowed without approval of the Owner's Authorized Representative.

1.09 FIRE PROTECTION

- A. Provide 2-1/2 gallon pressurized water Class "A" type anti-freeze, Underwriter's approved fire extinguishers as required by the local fire codes and as directed by the Owner's Authorized Representative.
- B. Each extinguisher shall be inspected and tested at least once a month during construction period and a date tag certifying the adequacy of the charge and workability of the extinguishers shall be affixed thereon.
- C. The extinguishers shall remain the property of the Contractor and shall be removed at the conclusion of the work.
- D. Whenever open flames are present, extinguishers shall be stationed nearby.

1.10 SNOW REMOVAL

- A. The Contractor shall remove all snow from his area of the construction site.

1.11 TEMPORARY HEAT

- A. During the construction the Contractor shall provide all heat, fuel and services necessary to protect all of the work and materials against injury from dampness and cold, and to complete his work. Provide approved temporary heating devices, electrical power, adequate and proper fuel, fire, enclosures, etc. as required for the work. Watchmen shall be constantly in attendance when fuel is burning. Use only Underwriter's approved equipment. No open salamanders will be allowed.

1.12 TEMPORARY LIGHTING

- A. Maintain adequate temporary lighting consisting of a minimum of 10 to 15 foot-candles throughout the project to enable all trades to work a full working day.

1.13 WASTE DISPOSAL

- A. The Contractor shall not dispose of any trash or waste materials within dumpsters located at the site. The Contractor shall remove all trash or waste materials to an authorized disposal site, at the Contractor's expense.

1.14 RESTRICTION FENCING

- A. Provide and maintain temporary fencing.

END OF SECTION

