

**SECTION 01 50 00**  
**TEMPORARY FACILITIES AND CONTROLS**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Dewatering
- B. Temporary utilities.
- C. Temporary telecommunications services.
- D. Temporary sanitary facilities.
- E. Temporary Controls: Barriers, enclosures, and fencing.
- F. Security requirements.
- G. Site Protection
- H. Vehicular access and parking.
- I. Waste removal facilities and services.
- J. Project identification sign.
- K. Field offices.

**1.02 RELATED REQUIREMENTS**

- A. Section 01 51 00 - Temporary Utilities.
- B. Section 01 52 13 - Field Offices and Sheds.
- C. Section 01 55 00 - Vehicular Access and Parking.

**1.03 REFERENCE STANDARDS**

- A. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2015a.
- B. ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements; 2009.

**1.04 DEWATERING**

- A. Provide temporary means and methods for dewatering all temporary facilities and controls.
- B. Maintain temporary facilities in operable condition.

**1.05 TEMPORARY UTILITIES - SEE SECTION 01 51 00**

- A. NYCHA will provide the following:
  - 1. Electrical power and metering, consisting of connection to existing facilities.
  - 2. Water supply, consisting of connection to existing facilities.
- B. Provide and pay for all electrical power, lighting, water, heating and cooling, and ventilation required for construction purposes.
- C. Existing facilities may not be used.
- D. New permanent facilities may be used.
- E. Use trigger-operated nozzles for water hoses, to avoid waste of water.

**1.06 TEMPORARY TELECOMMUNICATIONS SERVICES**

- A. Provide equivalent equipment and connections for NYCHA's and Architect's field office.
- B. Telecommunications services shall include:
  - 1. GC to provide one Windows, IOS and Android compatible "all-in-one" wireless black & white laser printer, copier and full color scanner.
  - 2. Telephone Land Lines: One line, minimum; one handset per line.
  - 3. Internet Connections: Minimum of one; DSL modem or faster.

### **1.07 TEMPORARY SANITARY FACILITIES**

- A. Provide and maintain required facilities and enclosures. Provide at time of project mobilization.
- B. Use of existing facilities located at \_\_\_\_\_ is permitted.
- C. New permanent facilities located at \_\_\_\_\_ may be used during construction operations.
- D. Maintain daily in clean and sanitary condition.
- E. At end of construction, return facilities to same or better condition as originally found.

### **1.08 BARRIERS**

- A. Provide barriers to prevent unauthorized entry to construction areas, to prevent access to areas that could be hazardous to workers or the public, 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 barricades and covered walkways required by governing authorities for public rights-of-way and for public access to existing building.
- C. Provide protection for plants designated to remain. Replace damaged plants.
- D. Protect non-owned vehicular traffic, stored materials, site, and structures from damage.
- E. Traffic Controls: \_\_\_\_\_.

### **1.09 FENCING**

- A. Construction: Commercial grade chain link fence.
- B. Provide 6 foot high fence around construction site; equip with vehicular and pedestrian gates with locks.

### **1.10 EXTERIOR ENCLOSURES**

- A. Provide temporary insulated weather tight closure of exterior openings to accommodate acceptable working conditions and protection for Products, to allow for temporary heating and maintenance of required ambient temperatures identified in individual specification sections, and to prevent entry of unauthorized persons. Provide access doors with self-closing hardware and locks.

### **1.11 INTERIOR ENCLOSURES**

- A. Provide temporary partitions and ceilings as indicated to separate work areas from NYCHA-occupied areas, to prevent penetration of dust and moisture into NYCHA-occupied areas, and to prevent damage to existing materials and equipment.
- B. Construction: Framing and reinforced polyethylene sheet materials with closed joints and sealed edges at intersections with existing surfaces:
  - 1. Insulated to R \_\_\_\_\_.
  - 2. STC rating of 35 in accordance with ASTM E90.
  - 3. Maximum flame spread rating of 75 in accordance with ASTM E84.
- C. Paint surfaces exposed to view from NYCHA-occupied areas.

### **1.12 SITE PROTECTION**

- A. The Contractor shall maintain all work areas, material stockpiles and staging areas in a neat and workmanlike manner. No materials or debris shall encumber walkways, driveways or public streets without prior approval of the Authority or the respective agency.
- B. The contractor shall take all measures required by law and NYC Building Code for the protection of the public. The work included in this contract shall be executed in such a manner that no damage or injury will occur to any properties, structures or the public.
- C. The contractor shall provide site protection for all open excavations, work areas, stockpiles and staging areas. The site protection must remain until it is determined by the Contract Inspector that the contract work is completed and does not pose a health or safety risk.

- D. The contractor shall provide **8' high freestanding, portable, chain link fence panels and gates, supported by precast concrete block panel stands or steel pipe panel stands with interlocking ballast weights**. Panels shall be securely connected to each other. Equip all vehicular and pedestrian gates with locks. Windscreen cloth shall be installed on the chain link fence.
- E. For daily construction activities, the contractor may opt to provide 4' high orange construction fence securely fastened to steel anchoring post or freestanding, portable, interlocking crowd control barricades as necessary and with the approval of the Inspector.
- F. The contractor shall provide and maintain lighting and safe access to all building entrances at all times during the construction period.

**1.13 SECURITY - SEE SECTION 01 35 53**

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

**1.14 VEHICULAR ACCESS AND PARKING - SEE SECTION 01 55 00**

- A. Comply with regulations relating to use of streets and sidewalks, access to emergency facilities, and access for emergency vehicles.
- B. Coordinate access and haul routes with governing authorities and NYCHA.
- C. Provide and maintain access to fire hydrants, free of obstructions.
- D. Provide means of removing mud from vehicle wheels before entering streets.
- E. Designated existing on-site roads may be used for construction traffic.
- F. Provide temporary parking areas to accommodate construction personnel. When site space is not adequate, provide additional off-site parking.
- G. Existing parking areas located at \_\_\_\_\_ may be used for construction parking.
- H. Do not allow vehicle parking on existing pavement.
- I. Provide one parking space for NYCHA use.
- J. Provide one parking space for Architect use.
- K. Designate one parking space for NYCHA and Architect use.

**1.15 WASTE REMOVAL**

- A. See Section 01 74 19 - Construction Waste Management and Disposal, for additional requirements.
- B. Provide waste removal facilities and services as required to maintain the site in clean and orderly condition.
- C. Provide containers with lids. Remove trash from site periodically.
- D. If materials to be recycled or re-used on the project must be stored on-site, provide suitable non-combustible containers; locate containers holding flammable material outside the structure unless otherwise approved by the authorities having jurisdiction.
- E. Open free-fall chutes are not permitted. Terminate closed chutes into appropriate containers with lids.

**1.16 PROJECT IDENTIFICATION**

- A. Provide project identification sign of design and construction indicated on Drawings.
- B. Erect on site at location indicated.
- C. No other signs are allowed without NYCHA permission except those required by law.

**1.17 FIELD OFFICES - SEE SECTION 01 52 13**

- A. Refer to Section 01 52 13 for all requirements of Project Field Offices.

### **1.18 REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS**

- A. Remove temporary utilities, equipment, facilities, materials, prior to Date of Substantial Completion inspection.
- B. Remove underground installations to a minimum depth of 2 feet. Grade site as indicated.
- C. Clean and repair damage caused by installation or use of temporary work.
- D. Restore existing facilities used during construction to original condition.
- E. Restore new permanent facilities used during construction to specified condition.

**PART 2 PRODUCTS - NOT USED**

**PART 3 EXECUTION - NOT USED**

**END OF SECTION**