

SECTION 01500

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2.01 NOT USED4

3.01 NOT USED4

SECTION 01500

CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Temporary Utilities: Electricity, lighting, heat, ventilation, telephone service, water, and sanitary facilities.
- B. Temporary Controls: Barriers, enclosures and fencing, protection of the Work, and water control.
- C. Construction Facilities: Access roads, parking, progress cleaning, project signage, temporary staging, and temporary buildings.

1.02 RELATED SECTIONS

- A. Section 01700 - Contract Closeout: Final cleaning.

1.03 TEMPORARY ELECTRICITY

- A. Cost: By Contractor, provide and pay for power service required from utility source, if required.
- B. Provide temporary electric feeder from electrical service. Do not disrupt Owner's use of service.
- C. Provide power outlets for construction operations, with branch wiring and distribution boxes located at each floor as required. Provide flexible power cords as required, if required.
- D. Provide main service disconnect and over-current protection at convenient location.
- E. Permanent convenience receptacles may be utilized during construction.

1.04 TEMPORARY LIGHTING FOR CONSTRUCTION PURPOSES

- A. *(COMPLETE AS APPLICABLE FOR EACH PROJECT)*

1.05 TEMPORARY HEATING

- A. *(COMPLETE AS APPLICABLE FOR EACH PROJECT)*

1.06 TEMPORARY VENTILATION

(COMPLETE AS APPLICABLE FOR EACH PROJECT)

1.07 TELEPHONE SERVICE

- A. *(COMPLETE AS APPLICABLE FOR EACH PROJECT).*

1.08 FACSIMILE SERVICE

- A. *(COMPLETE AS APPLICABLE FOR EACH PROJECT).*

1.09 TEMPORARY WATER SERVICE

- A. *(COMPLETE AS APPLICABLE FOR EACH PROJECT)*

1.10 TEMPORARY SANITARY FACILITIES

- A. *(COMPLETE AS APPLICABLE FOR EACH PROJECT)*

1.11 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.
- B. Provide barricades and covered walkways required by governing authorities for public rights-of-way and for public egress from 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.

1.12 FENCING

- A. Construction: Temporary orange construction safety fence.
- B. Install where needed to segregate the work from student activities during periods of school operations.

1.13 WATER CONTROL

- A. Grade site to drain. Maintain excavations free of water. Provide, operate, and maintain pumping equipment.
- B. Protect site from puddling or running water. Provide water barriers as required to protect site from soil erosion.

1.14 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.

1.15 INTERIOR ENCLOSURES

Not Applicable.

1.16 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. Protect curb from Damage.
- D. Protect project subgrades.

- E. Prohibit traffic from landscaped areas.

1.17 SECURITY

- A. Provide security and facilities to protect Work, and existing facilities, and Owner's operations from unauthorized entry, vandalism, or theft.
- B. Coordinate with Owner's security program.

1.18 ACCESS ROADS

- A. Provide and maintain access to fire hydrants, free of obstructions.
- B. Provide means of removing mud from vehicle wheels before entering streets.
- C. Designated existing on-site roads may be used for construction traffic including access to the major food store subgrade area.

1.19 PARKING

- A. Provide temporary gravel surface parking areas to accommodate construction personnel.
- B. When site space is not adequate, provide additional off-site parking.
- C. Do not allow vehicle parking on existing pavement.

1.20 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 weekly and dispose off-site.
- E. Open free-fall chutes are not permitted. Terminate closed chutes into appropriate containers with lids.

1.21 PROJECT IDENTIFICATION

- A. Provide 8 feet wide x 4 feet high (2.4 m wide x 1.2 m high) project sign of exterior grade plywood and wood frame construction, painted, with exhibit lettering by professional sign painter, to Engineer's design and colors.
- B. List title of Project, names of Owner, Engineer, professional sub-consultants, Contractor, and major Subcontractors.
- C. Erect on site at location established by Engineer.
- D. No other signs are allowed without Owner permission except those required by law.

1.22 FIELD OFFICES AND SHEDS (Refer to Section 01000, Section 1.02, Engineer's Field Office).

1.23 REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS

- A. Remove temporary utilities, equipment, facilities, materials, prior to Final Application for Payment inspection.
- B. Remove underground installations to a minimum depth of 2 feet (600 mm). Grade site as indicated.
- C. Clean and repair damage caused by installation or use of temporary work.
- D. Restore existing and permanent facilities used during construction to original condition. Restore permanent facilities used during construction to specified condition.

PART 2 - PRODUCTS

2.01 NOT USED

PART 3 - EXECUTION

3.01 NOT USED

---END OF SECTION 01500---