ARTICLE 17. TEMPORARY FACILITIES AND CONTROLS

Section 17.01. Work Included

Temporary Facilities and controls required for this Work include, but are not necessarily limited to:

A. Temporary water, power, light, heat and Project Identification Sign.

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B. Field office and associated telephone and utilities.

C. Temporary weather protection.

D. Parking and storage areas.

E. Site fencing and security.

F. Sanitary facilities.

G. Dewatering.

H. Emergency power and water shut-off.

Section 17.02. Project Identification Sign.

Unless otherwise provided in the Special Provisions, the Contractor shall provide and install one eight foot by four foot (8' x 4') Project Identification Sign. The City shall establish the location for the Sign. The Sign shall be fabricated from exterior grade, 5/8" plywood with four inches by four inches (4" x 4") posts of sufficient length to provide appropriate and sage sign height for its location and soil embedment. The Sign shall be prepared by a professional sign manufacturer and shall include an opaque white background, opaque white posts, die-cut fabricated lettering with no more than two (2) letter fonts, and no more than two (2) letter colors. The Contractor shall provide an eight and one-half inch by eleven inch (8.5" x 11") mock-up of the Sign for approval by the City prior to fabrication. List the title of the Project, names of City of Folsom, architectural/engineering firm, Contractor and major Subcontractors. The Contractor shall allow no other signs to be displayed on the Project site.

Section 17.03. Temporary Utilities.

General: Charges for the use of utility services other than those associated with individual field offices or planned electrical service interruptions will be paid for by the City. The Contractor shall provide temporary heating, or ventilating, or cooling when permanent services are interrupted due to performance of the Work. The Contractor shall provide temporary means of operation for existing storm, water, sewer, gas, mechanical, electrical, and low voltage systems during construction. Any planned interruption of permanent services, facilities, or operations must be coordinated and approved in advance with the Owner's Representative.

A. Temporary Power.

The Contractor shall construct all temporary power facilities required to complete the Work

and maintain in accordance with Division of Industrial Safety "Electrical Safety Orders" (ESO), Public Utilities Commission "Rules of Overhead Line Construction" (G.O. 95), and Cal-OSHA. Materials, devices and equipment used for these facilities shall be in good and safe condition but need not be new. The Contractor is responsible for the removal of the temporary power. Existing electric outlets may be utilized, if permitted by the City and authorized by the Owner's Representative. Any additional power required shall be provided and paid for by the Contractor.

B. Temporary Lighting.
The Contractor shall provide, maintain, and remove temporary lighting necessary to complete the Work.

C. Temporary Heat.
The Contractor shall provide, maintain, and remove temporary heat necessary to complete the Work.

D. Temporary Water.
The Contractor shall provide sufficient hoses to carry water to every required part of construction and allow use of water facilities to Subcontractors engaged in the Work. The Contractor is also responsible for the removal of the temporary water. Existing water outlets may be utilized, except that no water may be drawn from fire hydrants without prior written approval of the City for such a connection. Any additional water required beyond that available from existing water outlets and/or as approved by the City shall be provided by the Contractor.

E. Temporary Telephone.
The Contractor shall provide its own telephone system. Use of City telephones will not be allowed.

F. Temporary Fire Protection.
The Contractor shall provide and maintain fire extinguishers and first aid kits in accordance with Cal-OSHA and federal requirements to be used in the event of an emergency.

G. Temporary Weather Protection.
The Contractor shall provide and maintain protection measures to ensure that damage(s) will not occur to City property during course of construction.

H. Temporary Dewatering.
The Contractor shall provide and maintain a dewatering system as required to perform its work. This temporary dewatering system may, and should, be reviewed by the Architect or Consulting Engineer and/or the Owner's Representative.

Section 17.04. Field Office/Storage Containers.
If desired, the Contractor may provide a temporary field office(s) or storage container(s). Locate field office(s)/storage container(s) consistent with the City's Standard Specifications and as

directed by the Owner's Representative. Upon completion of Work, Contractor shall remove any and all temporary field office(s) and storage container(s).

Section 17.05. Parking of Vehicles.
The Contractor shall assume **all** responsibility for job site vehicle parking of its and its Subcontractors' vehicles. Locations of parking shall be as directed by the Owner's Representative. The Project Site may not accommodate on-site parking of construction personnel vehicles. The Contractor shall assure compliance with all applicable requirements for on-street vehicle parking.

Section 17.06. Storage and Laydown Areas.
Only areas designated by the City can be used by the Contractor for laydown areas. The Contractor is responsible for providing its own fenced storage facilities (trailers or cargo containers). The use of storage and laydown areas shall be consistent with the provisions of the City's Standard Specifications.

Section 17.07. Temporary Site Fencing and Security.
The Contractor shall provide and maintain temporary fencing surrounding the buildings and/or areas under construction, and staging areas. The Contractor is responsible for the security of all equipment, material, and completed construction items. The Contractor is also responsible for securing any breeches to existing security system/buildings caused by its Work. Temporary measures may include watchman, temporary doors, temporary alarm, etc.

Section 17.08. Sanitary Facilities.
The necessary sanitary conveniences for the use of the workers on the project, properly obscured from public observance, shall be constructed and maintained by the Contractor in such manner and at such points as shall be approved by the Engineer, and their use shall be strictly enforced.

Section 17.09. Temporary Construction, Equipment and Protection.
Contractor shall provide, maintain and remove upon completion of Work, all temporary rigging, scaffolding, hoisting equipment, rubbish chutes, ladders, barricades, lights and all other protective structures or devices necessary for safety of workers and public property as required to complete the Work.

Safety: The contractor is responsible for the complete safety of City personnel, consultants, and the general public at all times.

Protection: The Contractor must protect all workers and equipment from power lines by maintaining safe distances and by providing protective devices where and as required by Industrial Safety Commission and Cal-OSHA.

Temporary construction and equipment: All temporary construction and equipment shall conform to all regulations, ordinances, laws and other requirements of the State of California and any other authorities having jurisdiction (including insurance companies), with regards to safety precautions, operations and fire hazards.