



### **1.1 STRUCTURAL GUIDELINES**

- A. Trailers/modular buildings shall be permitted as “Permanent” through Los Angeles Department of Building and Safety, unless they are construction related, and they will be removed after the construction is complete.

### **1.2 MECHANICAL GUIDELINES**

- A. Provide mechanical drawings of the modular building, for reference.
- B. Railings shall be provided for rooftop air conditioners, for maintenance accessibility.

### **1.3 ELECTRICAL GUIDELINES**

- A. All power distribution & associated conductors shall be copper.
- B. Conduits shall be installed above grade, under the building/deck/ramps as much as possible.
- C. Series-rated distribution equipment not acceptable.
- D. Portable generator receptacle at point of main supply.
- E. Adequate site, parking, walkway and entry lighting.
- F. Electric Vehicle (EV) charging station(s) (as needed).
- G. Parking gate motor(s) (as needed).

### **1.4 PLUMBING GUIDELINES**

- A. Provide plumbing drawings of the modular building. Show the location and size of the water and waste points of connection.
- B. Provide site plumbing drawings.
  - 1. Show the site domestic water distribution system and the connection of the modular building to the nearest existing water line. Indicate pipe sizes and total fixture units.
    - a. Provide an accessible shutoff valve and sub water meter upstream at each modular building.
  - 2. Show the site sewer system and the connection of the modular building to the nearest existing sewer line. Show the pipe sizes and total drainage fixture units.
    - a. Sewage ejectors may be used, if gravity sewer connection is not feasible. Sewage ejector pump installation and location shall be approved by LAWA PDG and FTSD.
    - b. Holding tanks may be used, if sewer connection is not feasible, with an approved Exemption Request Form from LAWA PDG and FTSD Management.

### **1.5 CIVIL GUIDELINES**

- A. Route all water runoff away from buildings and not across pedestrian path of travel into the buildings.
- B. Rain gutters shall be provided to contain runoff and drain rooftop. Runoff shall be directed away from walkways and roadways.
- C. Parking areas shall have concrete parking bumpers for any parking adjacent to the building.
- D. Protect buildings with K-Rail and signage/reflectors when adjacent to main roadway/driveway.



**MODULAR BUILDING DESIGN STANDARDS**  
*Los Angeles World Airports*

- E. Site fencing shall be provided to prevent un-authorized entry and to protect public.

**1.6 MISCELLANEOUS GUIDELINES**

- A. All buildings shall have skirting from the underside of the building to ground level.
- B. Building identification signage shall be a minimum of 10” letters.
- C. Decking and ramp surfaces shall be constructed of composite materials, such as “Trex” or equivalent products.
- D. Develop a trash management plan and submit to LAWA for approval.
- E. Screens or blinds shall be provided for windows.

**1.7 TELECOMMUNICATIONS GUIDELINES**

- A. All buildings shall have a telecommunications room, with dedicated AC unit.
- B. All work shall comply with LAWA IT Standards of Practice.
- C. Data/Voice outlets shall be provided at all workstation, printer, plotter and phone locations.
- D. Both copper and fiber cabling shall be run to the telecommunications room from the Site/ Telco Demarcation point.
- E. WiFi access point(s) shall be provided flush to ceiling tile in sufficient quantity to support floorplan.

END OF SECTION