



1.1 Roof Equipment Management

- A. Provide hose bib with shut off valve at every 300' on center to provide roof cleaning and maintenance capabilities.

1.2 Roof Access Management

- A. Provide a minimum 48" path of travel for maintenance personnel and work carts, clear of obstructions from the roof access point to all equipment. If not feasible, obtain an approved Exemption Request Form from LAWA PDG and FTSD Management.
 - 1. Walking pad color shall be a contrasting color to the roof. Paths shall be clearly identified and dimensioned on the design drawings.
 - 2. New and existing equipment, obstructions, etc. shall be clearly noted on the drawing.
- B. Add a vertical ladder for full-story type steps and a ship ladder for partial height steps greater than 18".

1.3 Utility Management

- A. For new construction, all conduits, pipes, ducts, etc., shall concealed below the roof where possible.
- B. For existing buildings, conduit, pipes, ducts, etc., shall be well organized using existing routes where applicable. New conduit, pipe, duct routes shall be submitted to LAWA PDG and FTSD Management in writing for approval prior to installation.
- C. Rubber and slotted channel framing (i.e. Unistrut or similar) type supports shall not be used on the roof. Pitch pockets or the equivalent on PVC roofs, only, shall be used.
- D. Newly constructed pathways shall be provided with 25% spare capacity.
- E. Utilities shall be elevated 12" minimum above roof.

1.4 Mechanical Equipment Screening

- A. All rooftop mechanical equipment shall be fully screened. The height of the screening shall be the maximum height of the equipment.
 - 1. Approved rooftop mechanical equipment shall include, but not be limited to, central station air handling units, packaged rooftop air conditioning units, and other mechanical equipment taller than 3 feet height from top of roof finish.
 - 2. Screening shall not limit the airflow to the mechanical equipment.
 - 3. Screening shall have double door, minimum two 3 feet wide access doors for maintenance personnel and equipment.
 - 4. Provide minimum 4 feet clearance between the mechanical equipment and screening structural framing system, or as required by mechanical equipment manufacturer, whichever is greater.
 - 5. Bottom of the screen shall be minimum 12 inches above the roof finish.
 - 6. Screens shall be weather resistant, and include factory finishes where possible.
 - 7. Structural plans and calculations stamped and signed by a licensed engineer or architect, will be required for the screening.



ROOF EQUIPMENT, ACCESS AND UTILITY MANAGEMENT STANDARDS
Los Angeles World Airports

8. Screening plans, details and calculations shall be submitted to LAWA PDG for review and approval.
9. Provide roof warranty for roof penetrations. Patching shall be done with same roofing material.

END OF SECTION