



## **NON-PUBLIC AND RAMP LEVEL RESTROOMS, DESIGN INTENT**

*Los Angeles World Airports*

### **1.1 GENERAL**

- A. Non-Public Restrooms and Ramp Level Restrooms are required to conform to the LAWA Design and Construction Handbook.
- B. Non-Public Restrooms are defined as any restroom accessible by tenants only, and behind secured doors where the public cannot access. They are generally located in the Ticketing Building of the Terminals. Non-Public Restrooms guidelines will be the same as the Public Restrooms, Design Intent.
- C. Ramp Level Restrooms are defined as any restroom accessible from the Ramp or Apron Level by airline operations, baggage equipment handlers, and equipment staff. These restrooms require more durable design elements.

### **1.2 STRUCTURAL**

- A. Structural requirements are the same as the “Public Restrooms, Design Intent.”
- B. Restrooms will have 6” high concrete curb at all walls.
- C. Restrooms will have concrete masonry unit (CMU) block walls to the design extent possible where space allows.

### **1.3 MECHANICAL**

- A. Mechanical requirements are the same as the “Public Restrooms, Design Intent.”

### **1.4 PLUMBING**

- A. Plumbing requirements are the same as the “Public Restrooms, Design Intent.”

### **1.5 ELECTRICAL**

- A. Electrical requirements are the same as the “Public Restrooms, Design Intent.”

### **1.6 LIGHTING**

- A. Lighting requirements are the same as the “Public Restrooms, Design Intent.”

### **1.7 DOORS**

- A. Where doors are required, doors, frames and hardware will be in compliance with the door and lock specifications provided in Section 08 00 00 of the Guide Specifications (Design & Construction Handbook.)

### **1.8 CEILINGS**

- A. Ceiling requirements are the same as written in the “Public Restrooms, Design Intent.”

### **1.9 TOILET PARTITIONS**

- A. Toilet partition requirements are the same as written in the “Public Restrooms, Design Intent.”

### **1.10 FINISHES**

- A. Design Color Palette
  - 1. Ramp Level Restroom colors will be limited to three (3) distinguishable values of white to grey color scale (preferably warm grey), a single accent color in specific locations and natural finished stainless steel.



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2. Restroom floors will be the darkest value (i.e. Dark Warm Grey). Wall field tile will be a middle value (i.e. Medium Warm Grey). Lavatory/counters will be the lightest value (i.e. White).
  3. Accent tile will be a single hue or color of tile and is limited to a single feature wall. Feature walls are defined as single plane walls without openings, fixtures or accessories.
  4. Each restroom is limited to (1) one application of tile color.
- B. Walls
1. Ramp Level Restroom walls will be 8" x 8" x 16" nominal CMU, smoothface (not scored), single wythe, with struck joints. Reinforce and grout solid per current building code requirements. Finish with primer sealer and two (2) coats of acrylic semi-gloss paint.
  2. Ramp Level Restroom wall tile finish assembly (*if CMU not possible*) will be per Section 09 30 00 of the Guide Specifications (Design & Construction Handbook).
    - a. Restroom wall field tile will be square or rectangular with no dimension less than 4". Wall field tile will run to ceiling. No exposed wall finishes will be painted gypsum board.
    - b. Wall field tile will be laid up in a horizontally balanced and consistent pattern from corner to corner and bottom to top. Rectangular tiles will be laid horizontally. Horizontal stack bond pattern is preferred. Wall field tile will start with a full tile above the wall base tile.
    - c. If accent tile is used, it will be above 60" and run to the ceiling.
    - d. Any accent tile used will be square or rectangular, with no dimension less than 4". Size and bond pattern of accent tile will match the field tile pattern where possible and course out with field tile in all cases.
  3. All tile grout will be epoxy and match its corresponding tile.
  4. Stainless Steel flush corner guard guidelines are the same as written in the "Public Restrooms, Design Intent."
- C. Floors
1. Ramp Level Restroom floor finish will be mortar epoxy with the basis of design as follows:
    - a. Epoxy Floor Finish: (LAWA Basis of Design) Stonhard, Stonclad GR with Stonkote GS4 and Stoneseal SK6 with texture 1. 1/4" mortar (with recycled content) with two sealer coats. First is a pigmented epoxy, and second is clear polyurethane. Color 'Steel Gray' with 6" covebase over concrete curb. Refer to LAWA Design and Construction Handbook, Guide Specification Section 09 67 00 for Fluid Applied Flooring.

### **1.11 UNDER COUNTER LAVATORY**

- A. Refer to LAWA Design and Construction Handbook, Guide Specification Section 22 40 00 for Plumbing Fixtures.
- B. Restroom countertops will be solid surface acrylic polymer product with positive slope to lavatories. Engineered stone is not acceptable.
- C. A continuous integral backsplash will be provided at all walls adjacent to lavatories.



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- D. Integrally mixed automatic faucet will be installed at 45 degree angle from centerline of lavatory. Ramp Level Restrooms will have a faucet that is push operated as described in the LAWA Design and Construction Handbook, Guide Specification Section 22 40 00 for Plumbing Fixtures.
- E. A circular, stainless steel finished thru counter trash drops will be provided at the end of each pair of lavatory /wash stations is space allows.
  - 1. A standard removable stainless steel trash receptacle will be provided under each trash drop.
  - 2. Stainless steel trash receptacles shall be at least 29 inches tall, no more than 15 inches deep and no more than 14 inches wide.
- F. A minimum of one (1) bulk soap dispensing reservoir accessible by removing the trash receptacle will be provided at each restroom as specified in Section 10 28 00 of the Guide Specifications (Design & Construction Handbook).
- G. Clear dimension of 30-1/2” will be maintained from finish floor to bottom of counter for the full length of counter.
- H. Floor finish will be sloped to and from this line of demarcation to achieve positive slope to floor drain(s).

#### **1.12 ACCESSORIES**

- A. Accessory guidelines are the same the “Public Restrooms, Design Intent.”

#### **1.13 URINAL/WATER CLOSET FIXTURES**

- A. Ramp Level Restroom toilet fixtures (with and without pipe chase) will be heavy duty, Type 304 stainless steel with the basis of design products as follows:
  - 1. Water Closets: Acorn Engineering wall hung, siphon jet, exposed top spud. Dura-Ware 2105-T-1-HET-1.28-FVBO-CN-HS-OFLC with wall mounted, hardwired and override button flush valve Sloan Optima Sensor Operated Flushometers 111-1.28-ES-S-OR-EL-154.
  - 2. Urinals: Acorn Engineering wall hung, high efficiency urinal, exposed top spud, model Dura-Ware 2158 HEU-E-1-0.125-FVBO with wall mounted, hardwired and override button flush valve Sloan Royal model Optima Sensor Operated Flushometers 186-0.125-HEU-DBP-ES-S-OR-EL-154.
- B. See Airport Plumbing Design Standards, Section 1.3G “Restrooms, Janitor Closets and Pet Relief Areas” for plumbing requirements.

END OF SECTION