

**STORE SMOKE EVACUATION SYSTEM REQUIREMENTS**  
**AT WESTSIDE PAVILION**

Fire and Life Safety features at the Westside Pavilion include a wet Fire Sprinkler System, covering the entire Mall. The system is segmented into Zones, which also includes a plenum return Smoke Evacuation System.

The Store Smoke Evacuation Systems (SSES) are activated by area smoke detectors located at each store access door (front and rear).

The SSES receives air from the common areas of the Mall to the exhaust duct above the ceiling at the back of each store and is designed for six (6) air changes per hour.

When designing the air systems in your store, you must ensure the following:

1. Your store and all enclosed spaces within must have sufficient “make-up” air openings, evenly distributed at the front of the store/space near the floor, to allow six (6) air changes per hour in the store/space at a maximum inlet face velocity of 400 feet/minute. (The supply air diffusers in your store will be inoperative when the smoke evacuation system is activated.) Calculations for make-up air openings at the storefront must be shown on the mechanical drawings.
2. Your store and all enclosed spaces within must also have exhaust air grills at the ceiling near the back of the store/space to allow six (6) air changes per hour in the store/space at a maximum face velocity of 400 feet/minute at each exhaust grill.
3. No glass doors at storefront, open rolling grilles only.
4. No open ceilings in either sales or stockroom area. Ceilings must be no higher than 10'-6" a.f.f.
5. Tenant shall verify with Acco Engineered Systems (Landlord's required SSES contractor) that all smoke evacuation requirements have been met.

**Drawings must be submitted in PDF format to:**

**Michael Gearty**  
ABCO, Inc. (Air Balance Company)  
840 North Diamond Bar  
Diamond Bar, CA 91765