



# CENTURY THEATERS

## DAILY CITY, CA.

# LIGHT WEIGHT CONCRETE BEING DRIED OUT BY A 2001 Co. WIND VENTED ROOF ASSEMBLY



- ❑ The 2001 Wind Vented Roof System installs “Equalizer Valves” in the perimeter and corners of the building to use wind currents to vacuum pack a roof membrane to the roof deck. The 2001 System allows for a 3% influx of air to travel between the membrane and the deck, venting moisture out of the roof assembly with a controlled air exchange similar to residential peaked roof venting.
- ❑ With this 2001 Co. patented venting technology, a roof membrane can be installed as soon as the LWC will allow foot traffic. The roof will continue to dry out the substrate even though it is finished. And construction schedules can be completed on time.

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- ▣ The valves on this side of the roof allow for air influx, which travels through the roof system, drying out the substrate!
- ▣ As the wind spills over the roof, the vortex causes the valves to vacuum the membrane onto the deck.



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- ❑ A 2001 “gravel mat” is placed between the concrete and the 2001 PVC membrane to facilitate air transfer and the drying process.
- ❑ Penetrations will be air sealed at their base termination and flashed into the field membrane.
- ❑ Notice the flashing detail on the I beams.
- ❑ All seams are heat welded together and all penetrations are air sealed independent of the flashing membrane.
- ❑ 2001 term bar and term bar tape are used to create the water seal and hold the membrane in place.



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- The Membrane is totally adhered to the parapet wall using 2001 Co., Term Bar.
- Notice that the “Equalizer Valves” are used on this smaller roof also.



