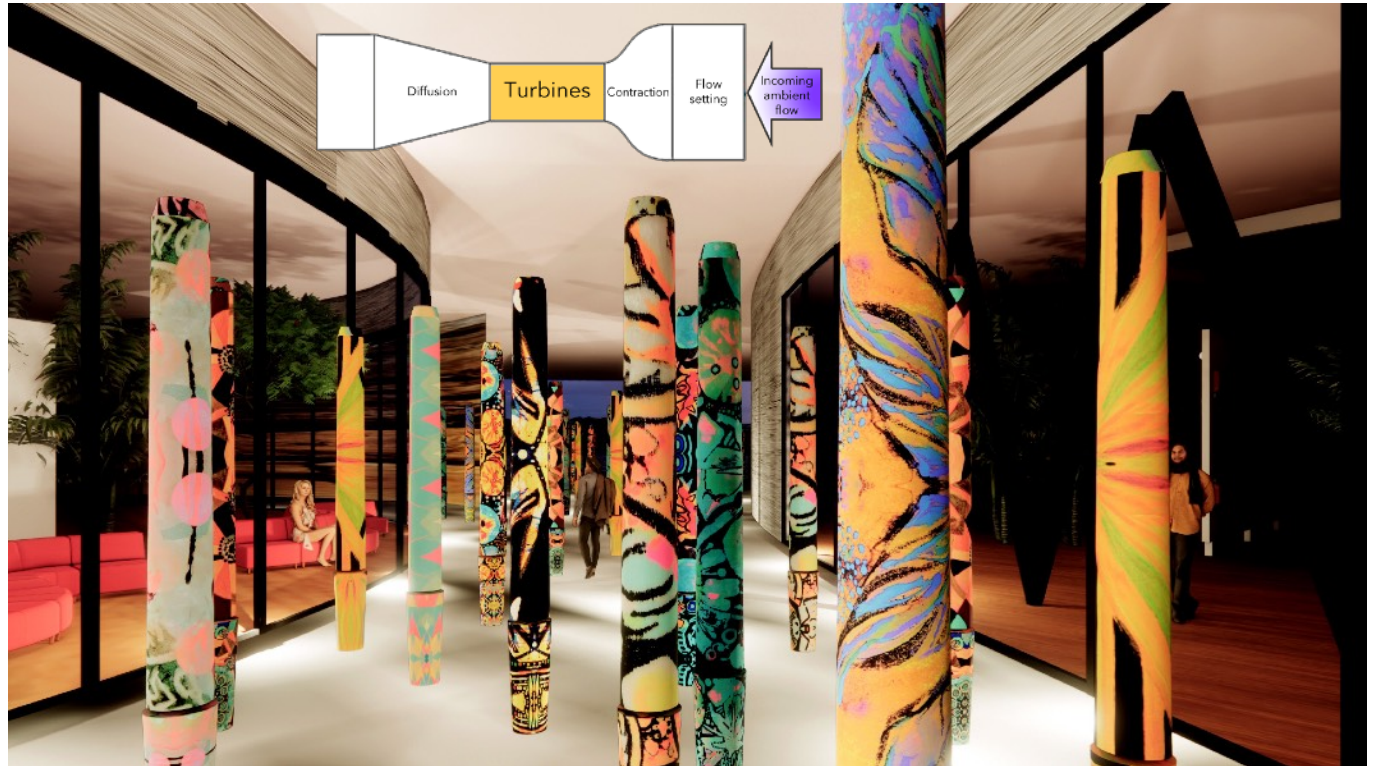
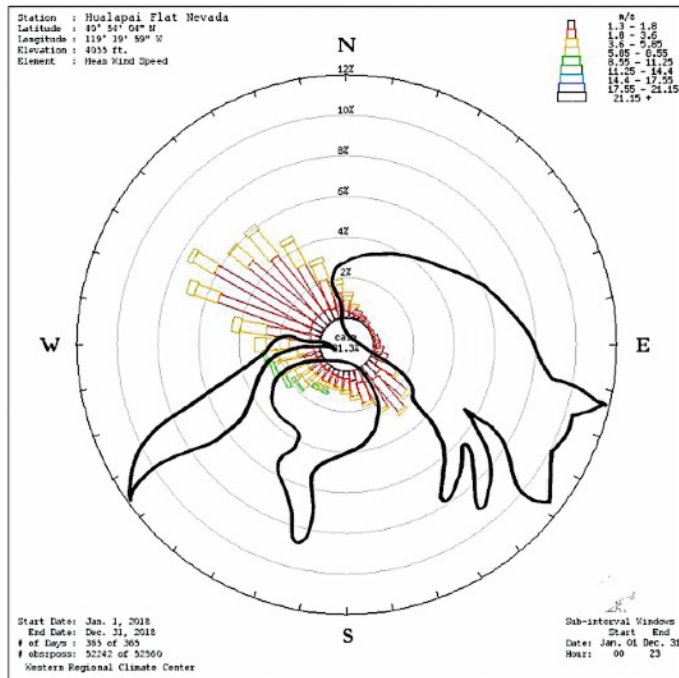


**WIND:** The ground floor is bisected by an open return wind tunnel that gathers and channels the prevailing winds, accelerating them above 3 m/s, the “cut in” speed for turbines. Inside the wind tunnel, is a forest of beautifully **ornamented** Vortex Tacoma bladeless **turbines**.



**ZONING:** As a quasi-public building & visitors center, Coyote Mountain should be exempt from Washoe County height restrictions.

**GEOTHERMAL:** For powering such a large environment **off-grid**, Binary Geothermal is available. Testing reveals the Hualapai playa has good thermal conductivity & a thermal gradient of about 75°C. The playa clay forms a thermal cap, keeping heat trapped fairly close to the surface. 4 small, Climeon Binary Units can provide .6MW from relatively shallow wells. Using an **off-the-shelf** power plant reduces costs. The system is **scalable** by adding more units. Geothermal also directly provides heat & hot water. Our plan does not impact Fly Geyser at all.

A Tesla Powerpack Microgrid can store this power and connect to our private grid. It is also scalable, to serve Black Rock Station and, in conjunction with temporary power lines, can provide **Zero Carbon electricity to Black Rock City** once a year.

