



SOLAR PRESENT

Solar - Relating to or determined by the Sun.
Present - In a particular place; Existing or occurring now; A gift.

Solar Present is a portal to Masdar City in Abu Dhabi and it is inspired by the moments when the Sun touches Earth as it enters and exits the East and West horizons. We use proportion, shape, orientation and the elements to connect the portal's dimensions with other spheres in our solar system and the people experiencing it.

The Portal contains three sculptures made of earth harvested from the site. Each sculpture corresponds to a moment of the Sun's trajectory around Earth.

Where the Sun rises, there is a sculpture dedicated to desalinate water using direct solar heat. The desalinated water is used for site irrigation and to provide a cooling mist throughout the portal. The center, is a sculpted elliptical underground breezeway that provides shaded gathering areas throughout the day while connecting the East and West parts of the site. The Sun's exit holds a rammed earth spherical-quadrant oriented to maximize solar exposure to its spiral made of standard modules of monocrystalline silicon photovoltaics.

GEOMETRIC
SYMBOLS



SUN + WATER



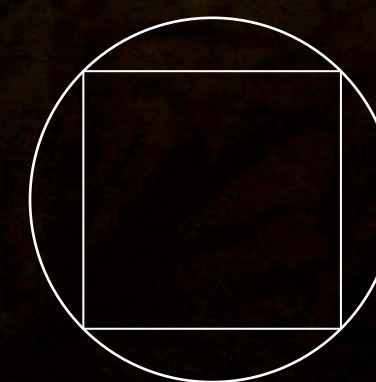
SUNRISE



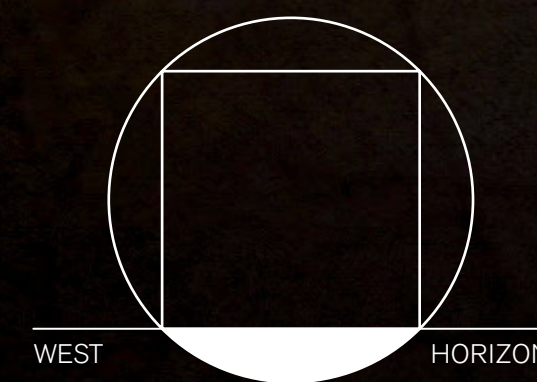
REFLECT



SUN + EARTH



SUNSET



ORIENT

