**UNDERGROUND BREEZEWAY**

- **SEATING AND GATHERING AREAS**
- **COOLER TEMPERATURE BY USING EARTH'S THERMAL MASS**
- **AIR COOLING MIST FOR HUMAN COMFORT**
- **SAFE PEDESTRIAN STREET CROSSING**

- The breezeway's lowest point is at 7m below grade. The water table is at 10m-13m below grade.

**WATER SCULPTURE**

- **SOLAR WATER DESALINATION PLANT**
- **RAINWATER COLLECTION TANK**

- Collects / produces up to 248,000 liters per month, satisfying the site's water demands.
- The water is used for landscape irrigation and micro-climate air cooling mist.

- **NET ZERO WATER BALANCE**

- 2,000,000 liter tank capacity for additional recycled water reservoir.

**PORTAL ENTRANCE / SUN SCULPTURE**

- Provides shade below
- Generates 1,500 MWh annual capacity
- Uses standard sized PV panels arranged in a visually pleasing spiral form
- The PV batteries and systems are contained inside the sculpture
- Lights up at night / special events

- **NET ZERO ELECTRICITY**

**PORTAL ENTRANCE / WATER SCULPTURE**

- **SOLAR POWER SCULPTURE**
  - **PROVIDES SHADE BELOW**
  - **GENERATES 1,500 MWh ANNUAL CAPACITY**
  - **USES STANDARDIZED PV PANELS**
  - **ARRANGED IN A VISUALLY PLEASING SPIRAL FORM**
  - **THE PV BATTERIES AND SYSTEMS ARE CONTAINED INSIDE THE SCULPTURE**
  - **LIGHTS UP AT NIGHT / SPECIAL EVENTS**

- **NET ZERO ELECTRICITY**

**WATER COLLECTION TANK**

- **CAPACITY: 2,000,000 LITERS**

- This sculpture is designed to collect rainwater and to desalinate salt water using direct radiation from the sun.
- The water is used to satisfy the irrigation demands of the site and to produce a micro-climate mist to cool the air in gathering areas.
- This sculpture’s reservoir tank has the capacity of being a part of the system for the collection and storage of the recycled rainwater program.