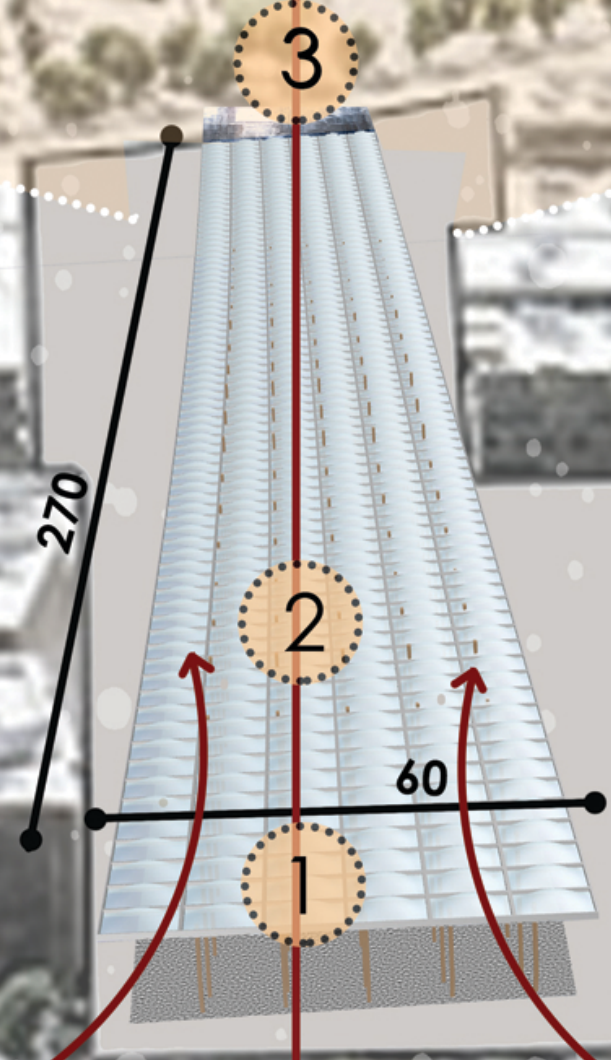


- 1 point of curiosity
- 2 point of realization
- 3 point of discovery

vista at the point of realisation:  
sustainable cityscape

'path of realization' oriented along open parks. Shaded pavilion complement large open spaces



landscape that contributes to the mirage

# Featuring

**Shaded Pavilion**  
The installation, provides a large shaded pavilion of 16200 sq.m that provides spaces with shade for events, gatherings, walks points of interest with a play of mirrors. It emerges as an an **extension of the existing park in the adjacent plots in the masterplan**. The low maintenance form minimally intervenes with the natural landscape & gently ascends to the the end of the site, where the trail ends.

The reflective finishes on the sides camouflages the structure with its context, borrows from surrounding urbanscapes to create scintllating visuals on it's own.

**Gateway to the Masdar city**  
The culmination of the path way is marked by undulating mirror surface that reflects the sky & resembles faux water in a desert, the mirage. The trail the vistor takes culminates in the realization of the mirage. Once the masquerade of mirage or the water is veiled off, the visitor realises the future of cities in the sustainable urbanism & renewable energy of Masdar.

**Dry Landscape**  
Landscaped with rocks & patterned form finished concrete with gravel texture, this requires **minimum or no maintenance**.

The experience under the shade is interspersed with frosted glass panels & mirror panels. Frosted glass panels are placed carefully on the slope & ceiling to blur sections & views to create a distorted heat haze effect. Mirror panels are placed strategically on the up-slope to optimally capture distant landscape seen in the park in the masterplan. Mirror panels are also suspended from the ceiling at varying levels to capture sky panorama & work together with the colored etfe base.

**Effe cushion canopy**  
**Useful shaded communal space** with minimum supports have been achieved with light weight ETFE cushions an thin film a-Si cells. The lower layer of canopy is colored ETFE membrane in shades of blue, green, white & intespersed with transparent areas for a fitting camouflage with the sky & faraway vegetation.

**Engineered wood frames to support ceiling structure**  
Minimising carbon footprint has been a driving thought for this project that resulted in choosing wooden trussworks & supports for structural design instead of steel space frame & columns. Owing to light weight of the membrane structure, the supports are minimised & the material camouflages well with the shades of the natural landscape.

**Thin film a-Si Flexible PV Panels**  
Flexible PV panels are embedded within ETFE cushions. A total of 16200 sq.m gives an annual output of 2498647.5 KWh.

**Balance of System & public amenities**  
The mechanical requirements & public spaces are placed under the podium on each side of the road that intersects through the site. An openig under the podium with minimum clear height of 5.5m is given for the road. These are clad in reflective finish in line with the design vocabulary & concept.