

# CARAVANSERAI

A BREATHING GATEWAY FOR MASDAR CITY

## CONSTRUCTION:

The construction of the Caravanserai can be optimized and executed fairly straightforwardly. The geometry of the individual steel members can be optimized at no noticeable change to the shape, saving cost and simplifying manufacturing. Additionally the lightweight nature of the ETFE panels, ensures that the primary strain on the structure comes from wind and/or earthquakes. Securing the stability of the steel joints can be assured through selected cross bracing. At ten moments the structure is anchored into the foundation.

