

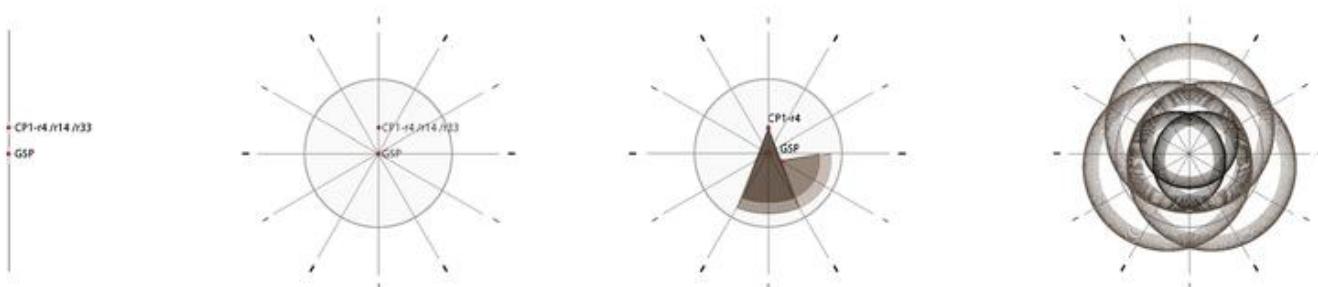
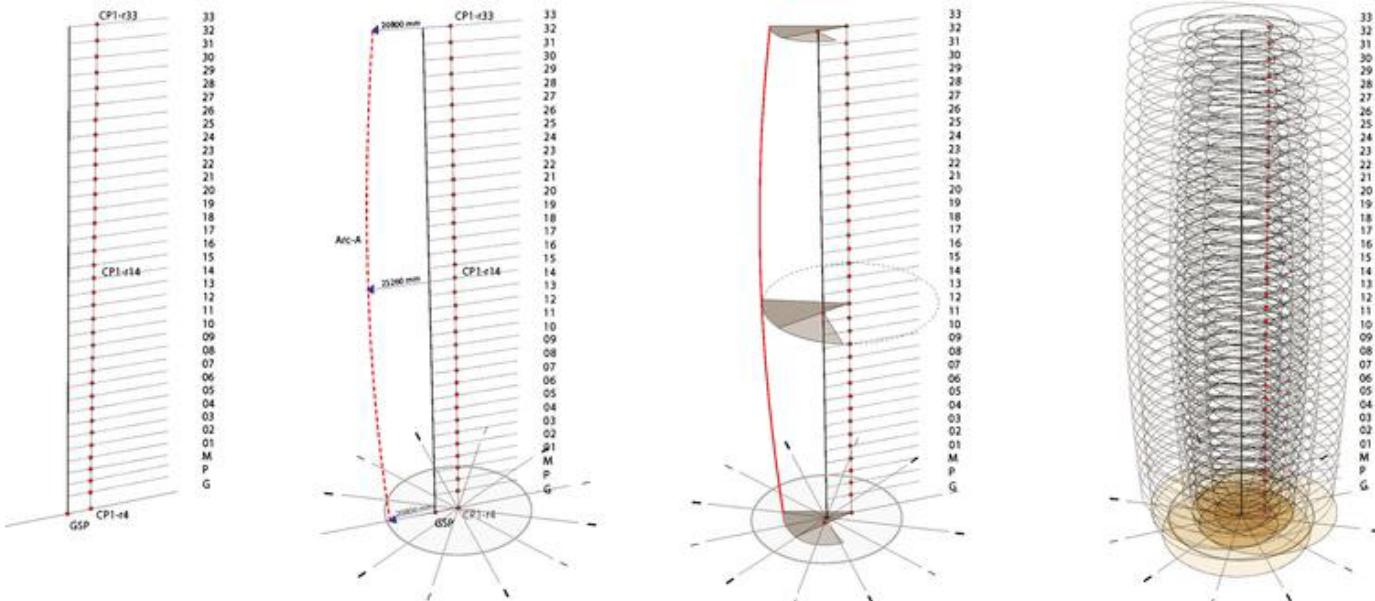
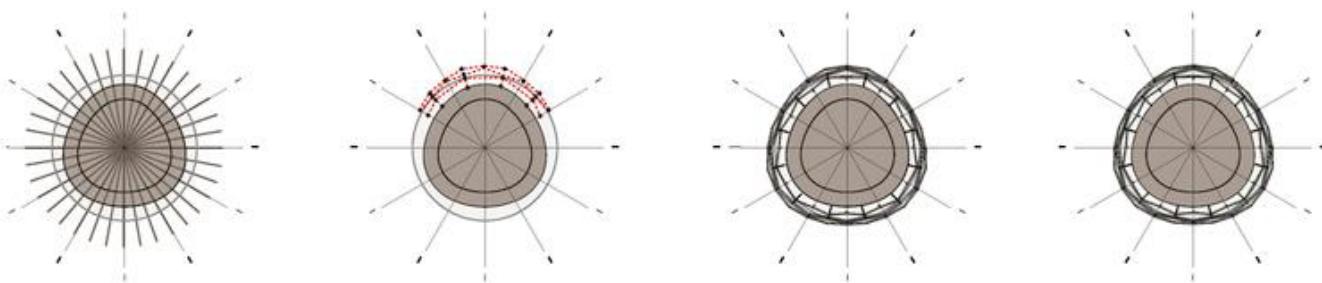
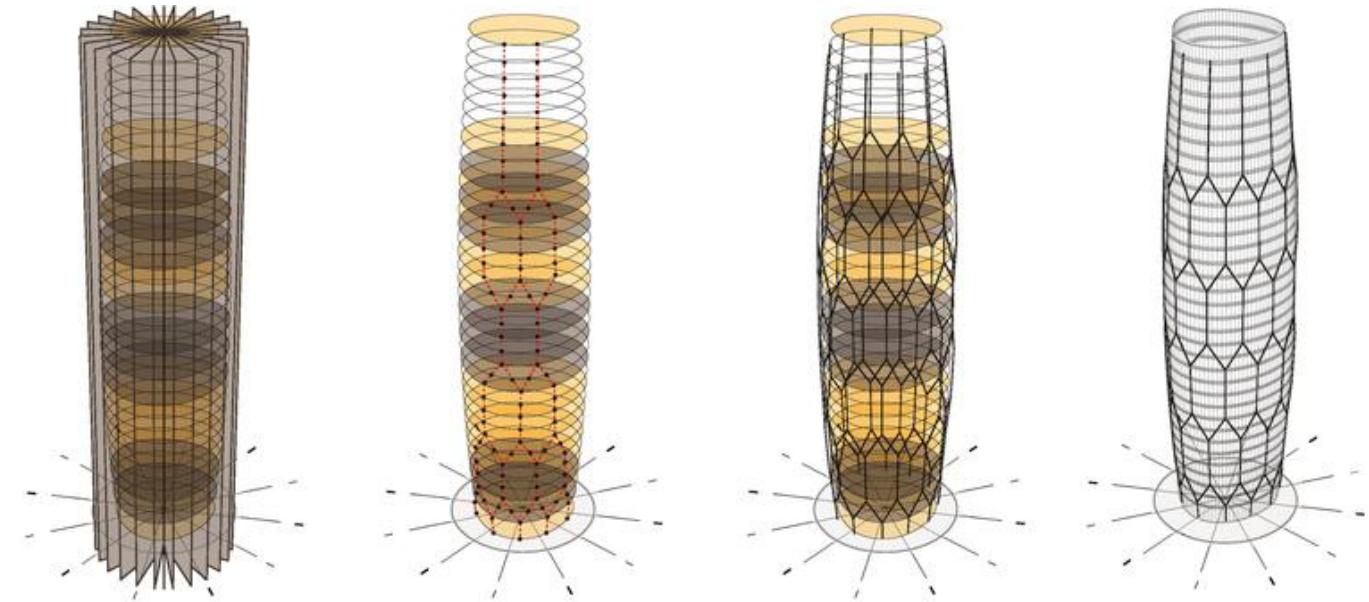


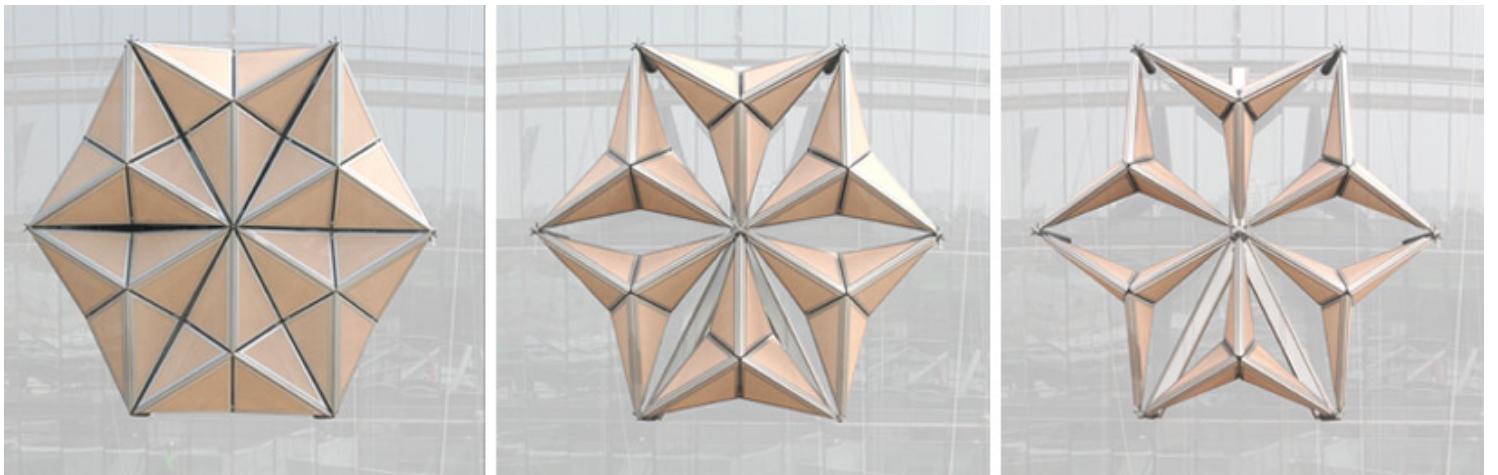
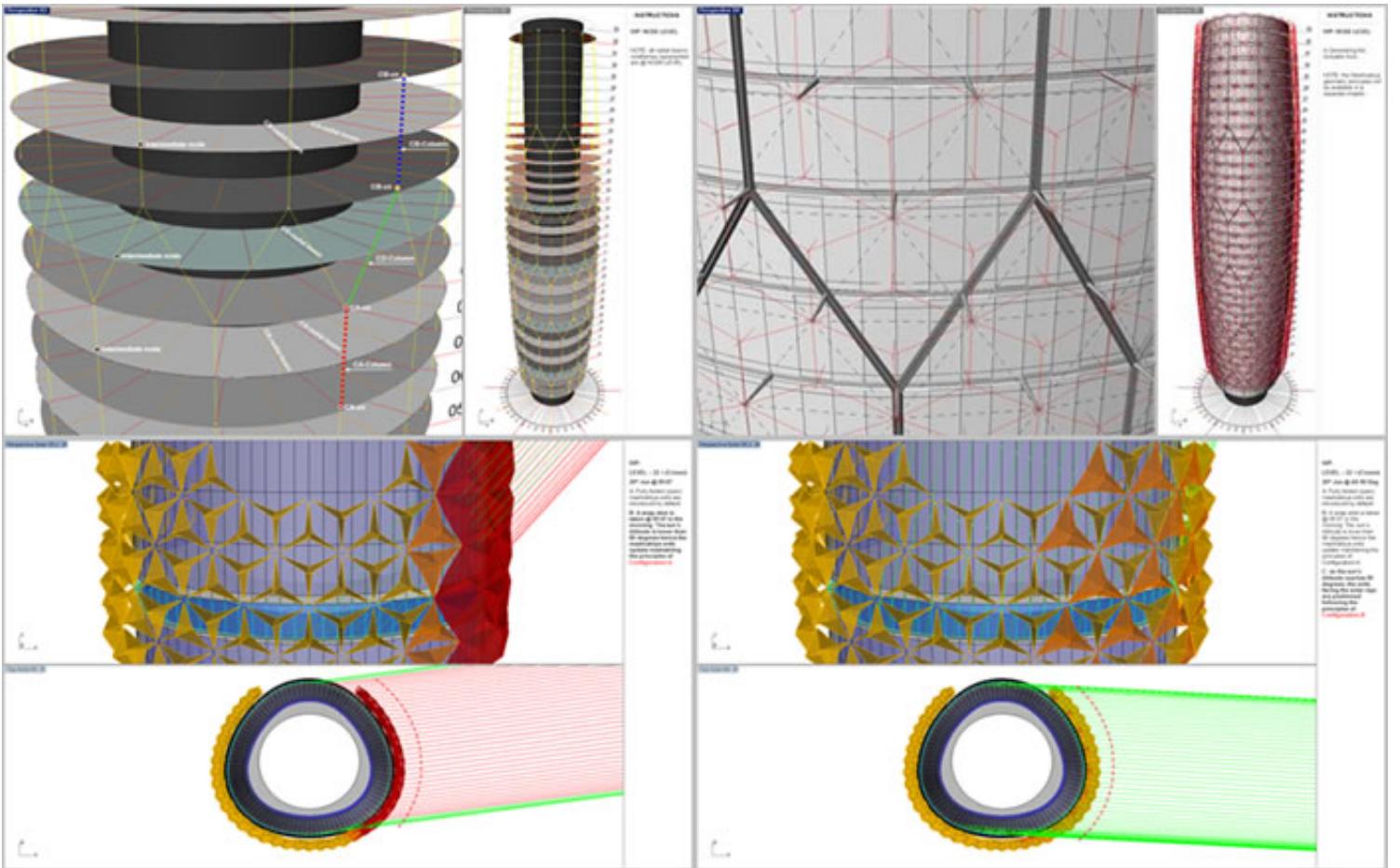
Assignment 07 : Case Study

Al Bahar Towers



Abu Dhabi is located in a very dry and hot region, in order to respond to the climate of the area the Al Bahar Towers is equipped with a performative façade that response to the sun movement throughout the day. The optimal goal is to reduce solar gain by 50 percent and reduce significantly the building need energy use required to cool down the building.





The individual panels sit two meters outside the building ad operate like a curtain wall. They open and close in response to the movement of the sun.

