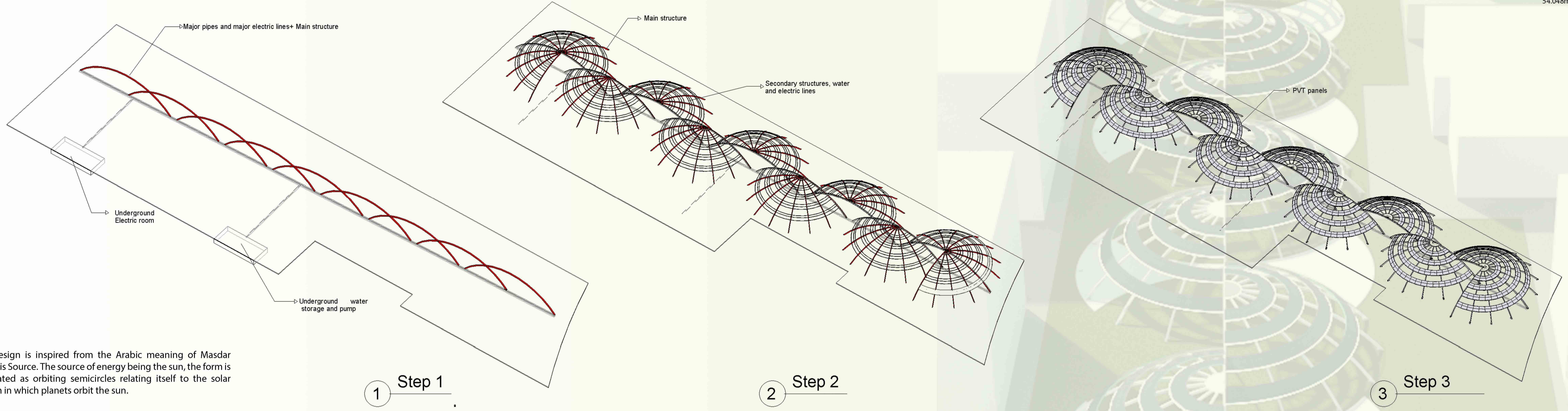


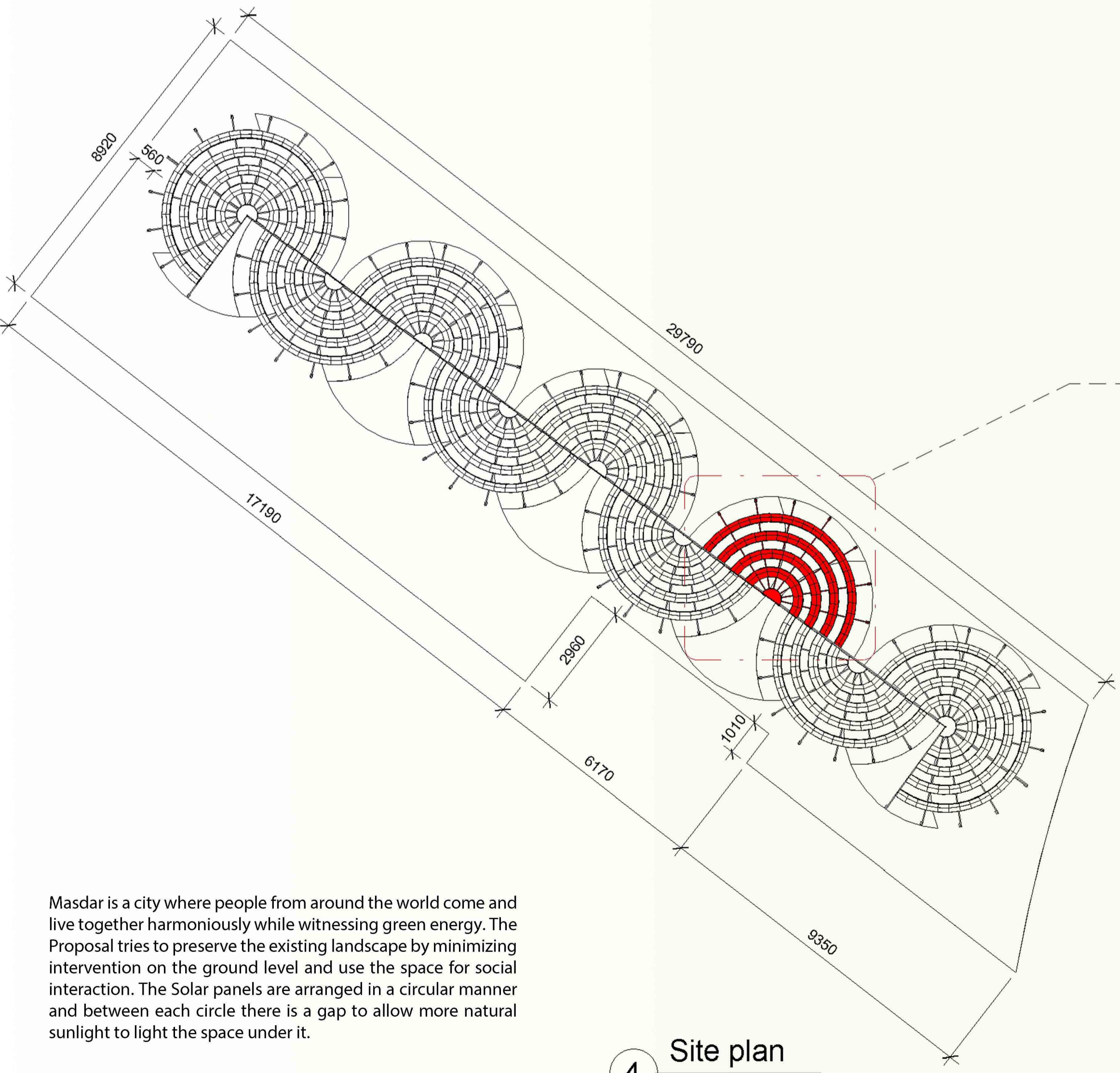
ENERGY SEMI DOMES

Energy production		
Total units	Power	Output
8320 sqmPVT panels	6.5Kwh/day	54mwh/day
480m Wind belt	0.1Kwh/day	0.048mwh/day
		54.048mwh/day

Construction process



The design is inspired from the Arabic meaning of Masdar which is Source. The source of energy being the sun, the form is generated as orbiting semicircles relating itself to the solar system in which planets orbit the sun.



Masdar is a city where people from around the world come and live together harmoniously while witnessing green energy. The Proposal tries to preserve the existing landscape by minimizing intervention on the ground level and use the space for social interaction. The Solar panels are arranged in a circular manner and between each circle there is a gap to allow more natural sunlight to light the space under it.

