

(RAIN)WATER TOWER 1

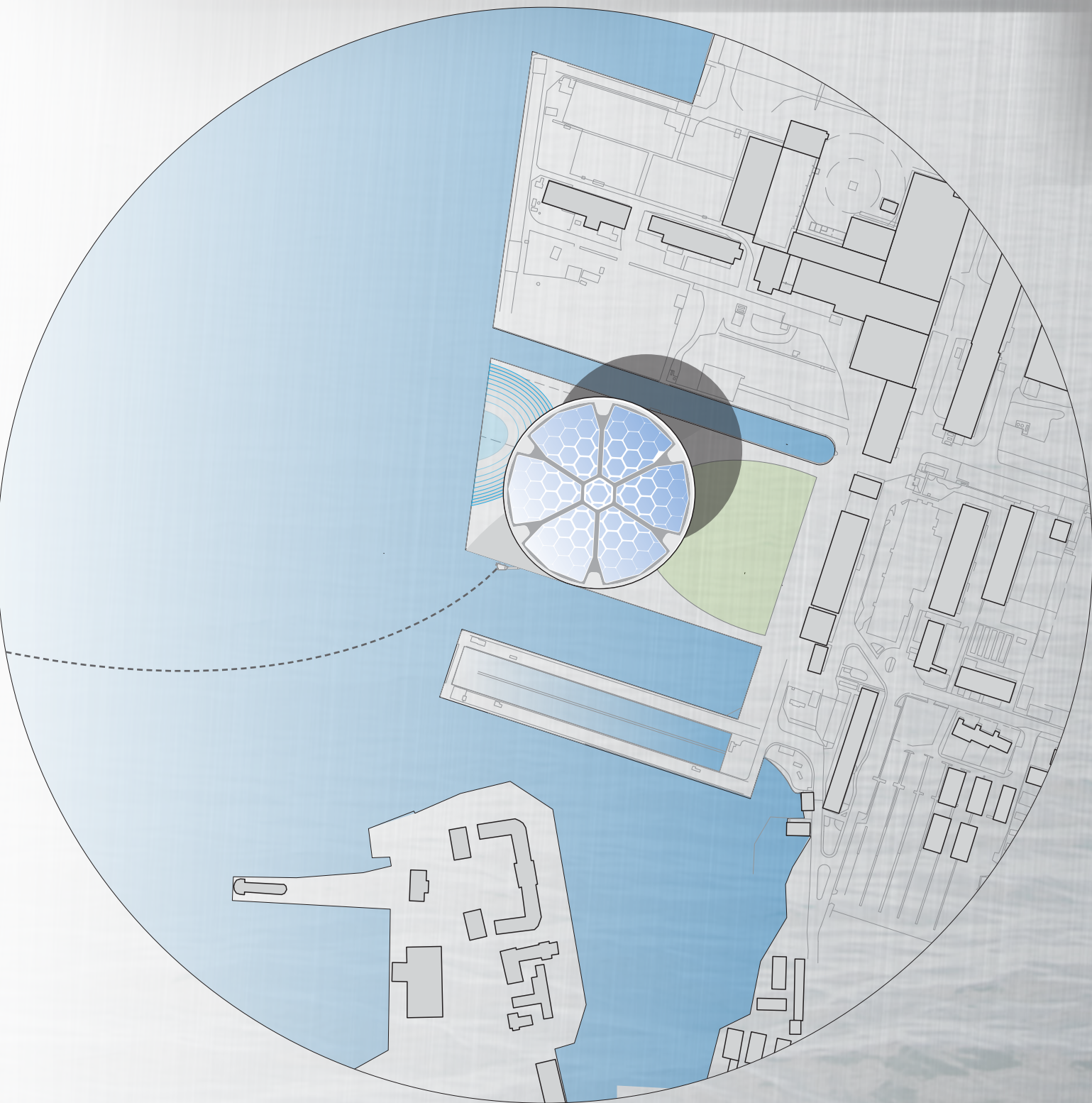
THE RAIN

Copenhagen is an urban travel destination because of its rich and live urban life. For Copenhagen residences, it is also famous for its rainy weather. The weather becomes an essential element which is embedded in people’s humor, mood and life style. **(RAIN)WATER TOWER** is a hydroelectric plant and a solar panel field. It represents Copenhagen’s weather character in a optimistic and poetic way, making rainwater a clean energy that creates and celebrates life and the city.

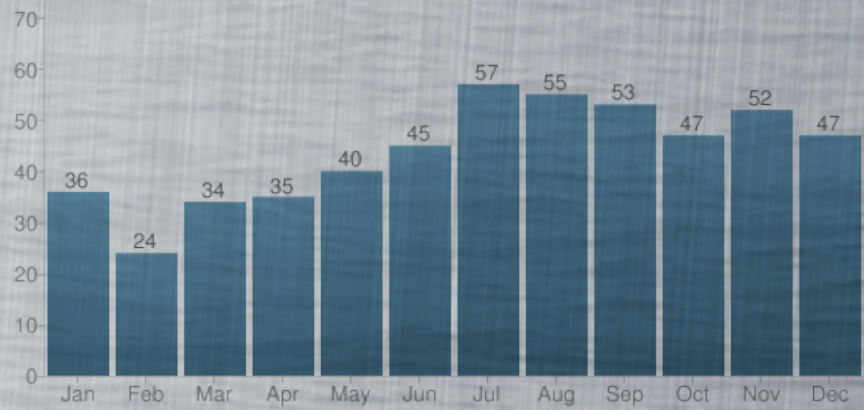
Water is an important feature that connects people by canals and harbors in Copenhagen. However in Refshaleøen harbor where there is a flat landscape and little tidal potential, it is fairly hard to get hydroelectric energy. So the main concept of this project is to collect the “rain” and acquire the gravitational potential energy. The shape of a water tower which has a big “cap” is chosen to covers as big of an area, providing the use of rainwater as efficient. At the same time it creates opportunities to generate solar energy at the roof level and social life 3-dimensionally.



REGIONAL PLAN



SITE PLAN



COPENHAGEN ANNUAL PRECIPITATION CHART

