

# Oasis

Zaatari Refugee Camp was built to be temporary, but grew out to be a permanent living space for many people. This means the facilities that make a city, are missing. This causes boredom and violence. Water and food are massive scarcities and seasonal floods tear buildings apart. We give the solution to this, by designing a building that tackles multiple problems. Preventing flooding by collecting rainwater and storing it, to grow an oasis. People can come to work, educate and meet each other in this building. Flooding is prevented by storing the water in the building. The water is used for dying carpet and fabric, the dyed products are further developed to be sold. This way a local economy and education for the younger generation is generated by the Oasis. And is beneficial to all!



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## Construction Manual

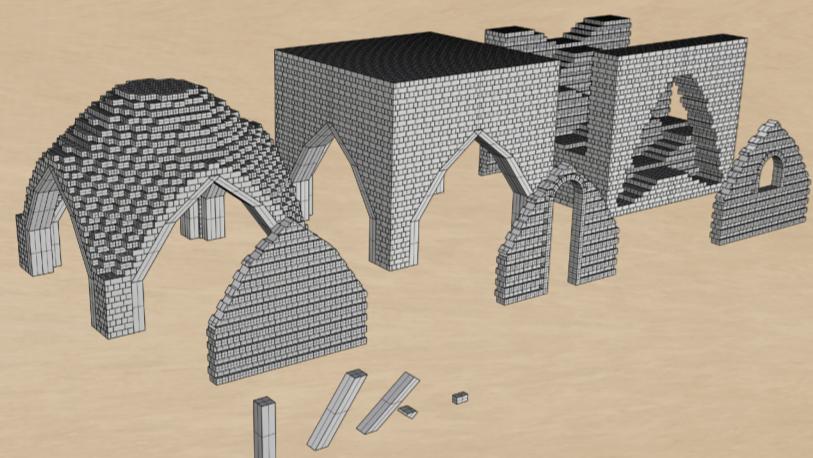
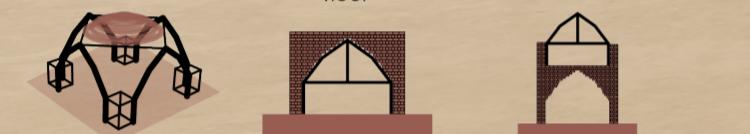
1. Dig out shape for foundation.
2. Fill foundation mould with rammed earth
3. Press bricks into brick mould
4. Place bricks with a partial overlap.



5. Build corners with partial overlap
6. Build a mould to build an arch.
7. Follow wire to place bricks



8. Finish dome on top
9. Build vertical walls to make a horizontal floor
10. Build another module on top



## Structural Analysis

