WORK PRINCIPLE

1. Compact water ditch from the reservoir with possible filters
2. Irrigation ‘heat pump’ over the ditch
3. At night, the inner pressure changes due to temperature fall, and the water tank inside is filled
4. At day, the sun heats the black metal surface, changing the inner pressure and setting water flow
5. Water is distributed through the hoisting pipes for compact irrigation

ENVIRONMENTAL BENEFITS

MODULAR & STABLE
simple durable structure for potential expansion

AUTONOMOUS & NON-INVASIVE
sustainable irrigation for the potential organic farm

MYSTERIOUS & SYMBOLIC
thought-provoking tourist attraction

CONSTRUCTION

A - STANDARD WATER TANK
B - BLACK-PAINTED CUT
C - METAL SHEET
D - TIMBER BASE
E - STRUCTURAL METAL PIPES
F - SUPPORT BEAMS WITH IRRIGATION PIPES

1. Main reservoir
2. Main road
3. Natural greenery
4. Modular organic farm
5. Water cools its water with drainage
6. PERPETUAL MOTION
Automatic watering installation
7. Existing irrigation