

Produced by Barn Davis Geological Survey
Focal Point: Flint, MI 2020
STRAW Grid implementation Experiment Projected 2030

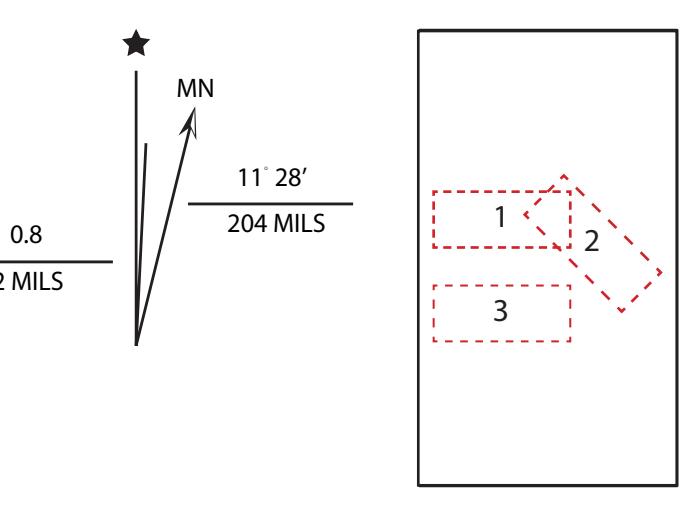
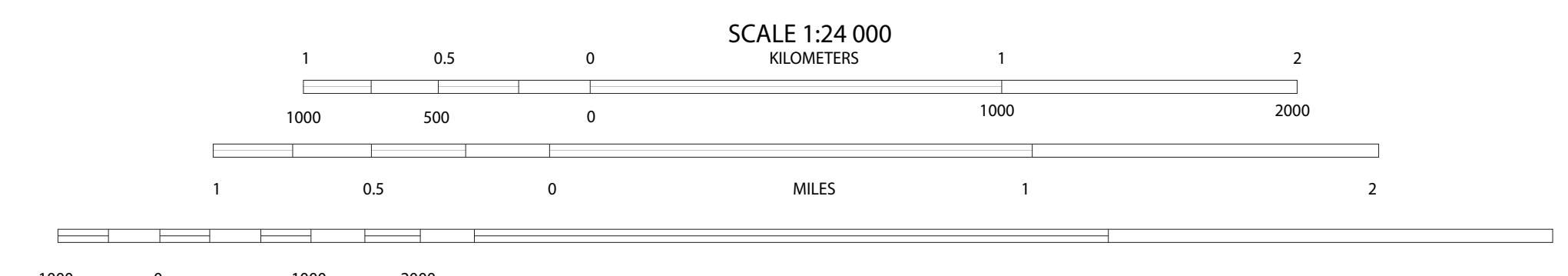
Implied concept utilized to appease the immediate needs
concerning water, of civilians within the targeted area.
S.T.R.A.W.: Sustainable Tunnel Reservoir Autonomous Well
Target area shall have a 5280x5208ft grid with Tunnel Well every 1320ft
in both x and y direction.
STRAW will access ogwalla aquifer, along with collecting rainwater to be
converted to usable and drinkable water.

In an attempt to save money Flint officials voted to switch irrigation system from
Detroit supply to Flint river, since then the following has taken place

Flint Water Crisis.....
Corrosion of waterline pipes.....
Outdated irrigation system.....
Use of waterbottles to cook, clean, and bathe.....

14-now
Lead Poisoning - 2014
2003
2003
2003

Inadequate treatment and testing of the water resulted in a series of major water
quality and health issues for Flint residents, issues that were chronically ignored
and overlooked by government officials.



FLINT, MI
2020





Figure 2.1_Target district 1. Majority residential.

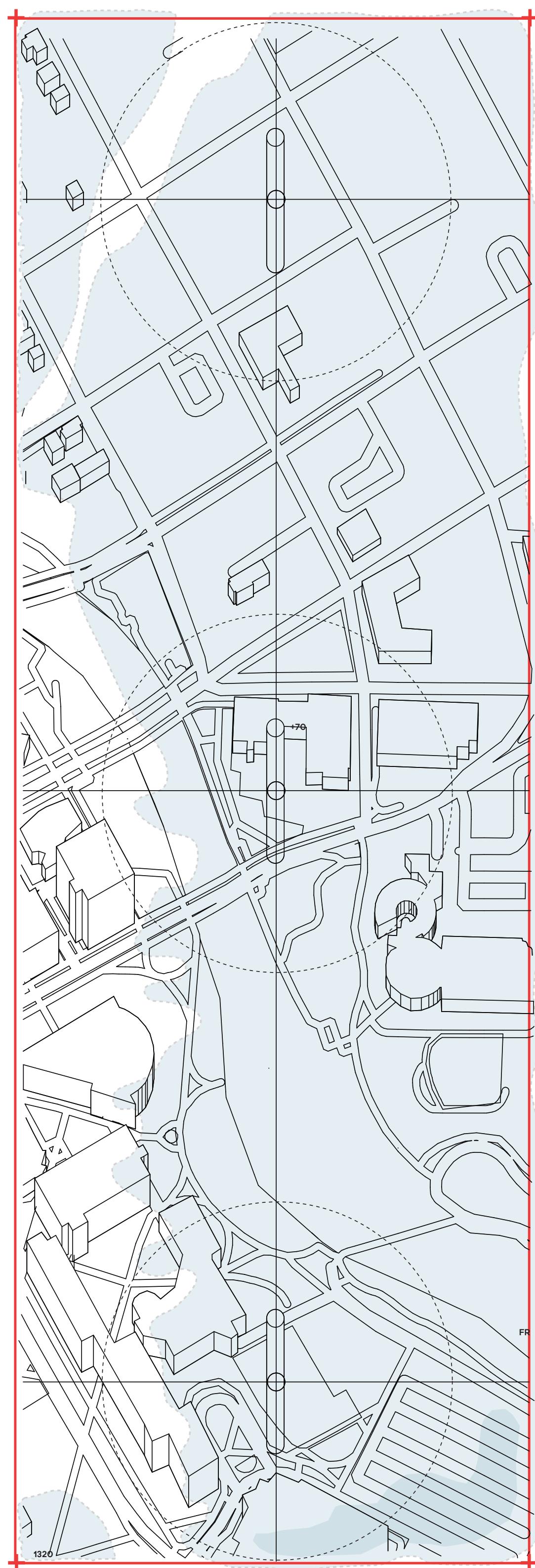


Figure 2.2_Target district 2. Downtown, Mid city related to square mile city grid.

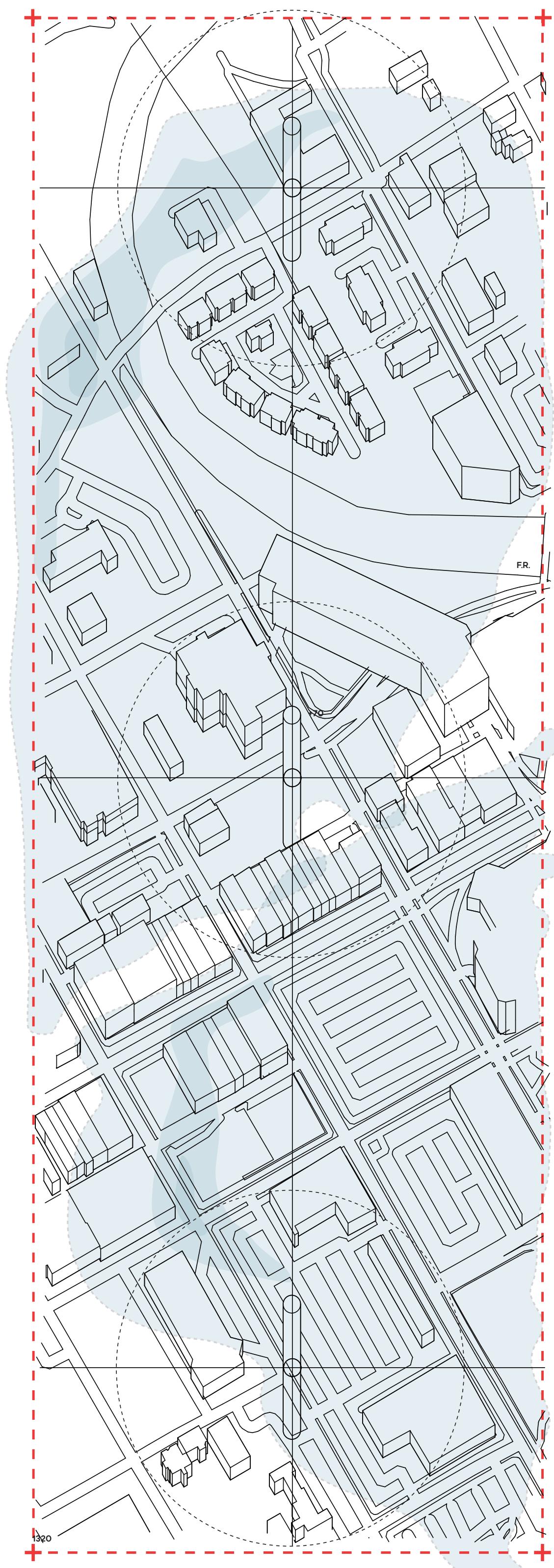


Figure 2.3_Target district 3. Eastern mid city, adjacent to target district 2.

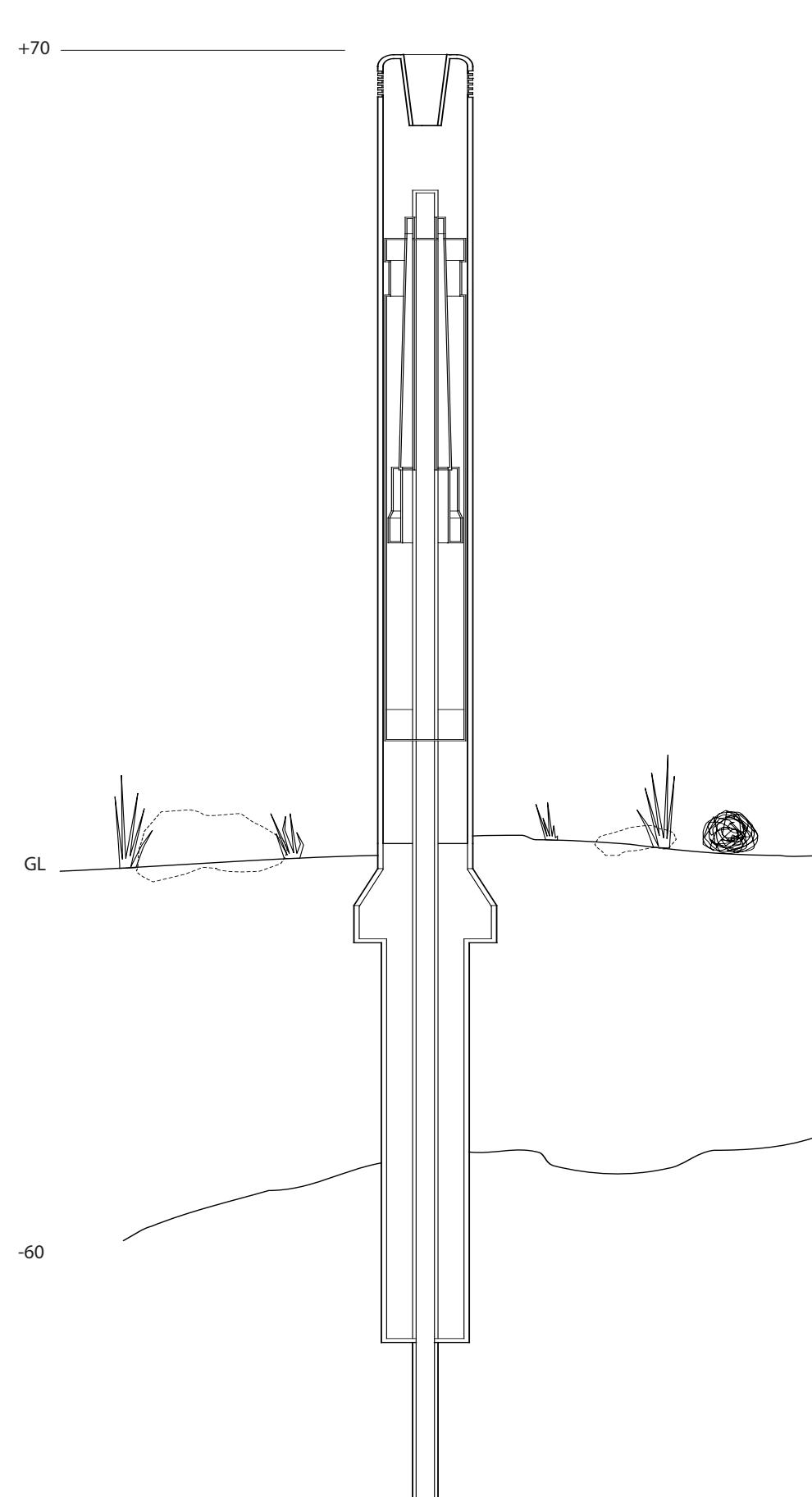


Figure 2.4_STRAW mechanism showing hydraulic pump and filter.

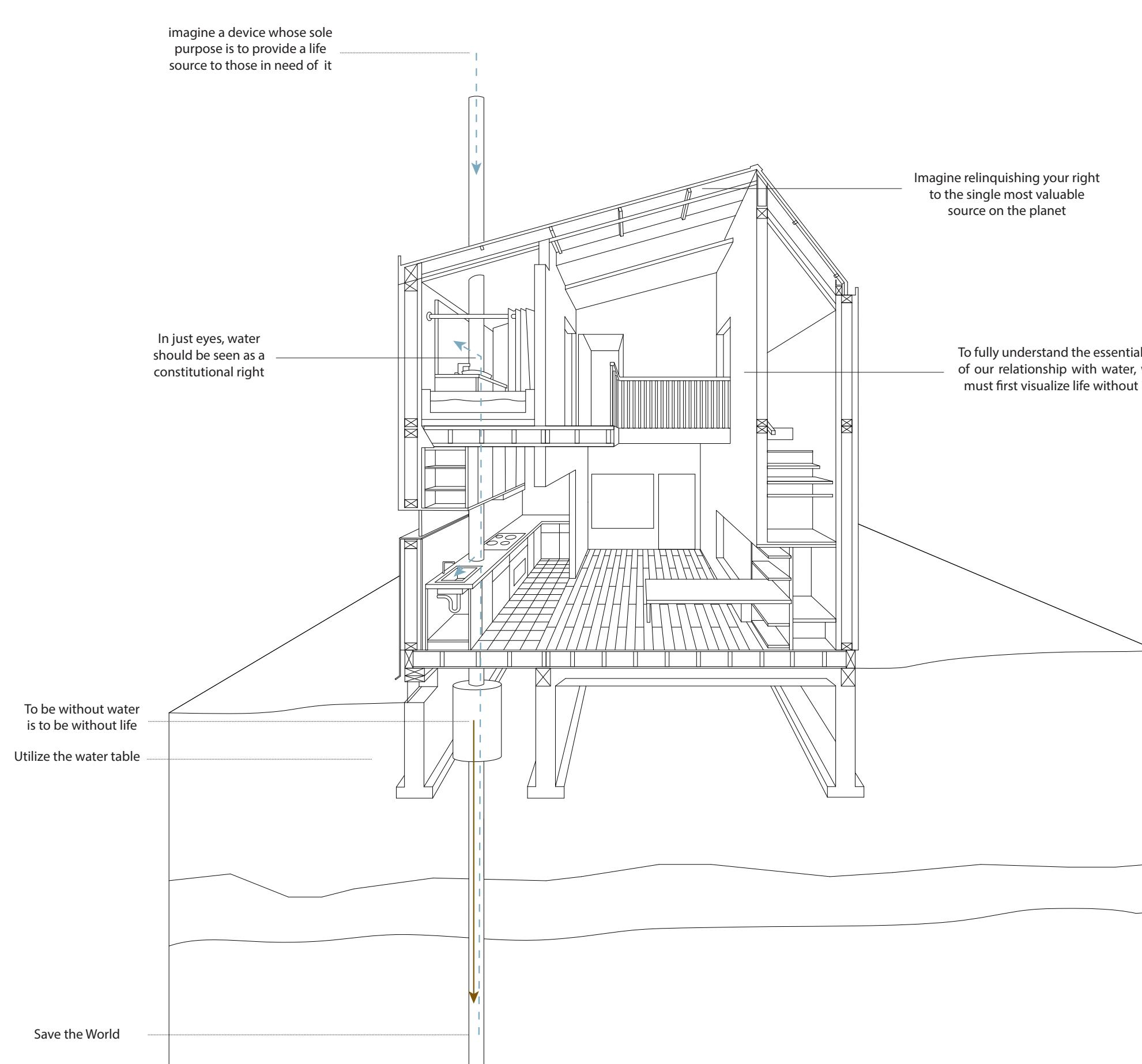


Figure 2.5_In home straw concept showing crawl space filter acces along with in home water supply access.

