

DESIGN HER FUTURE

CHALLENGE

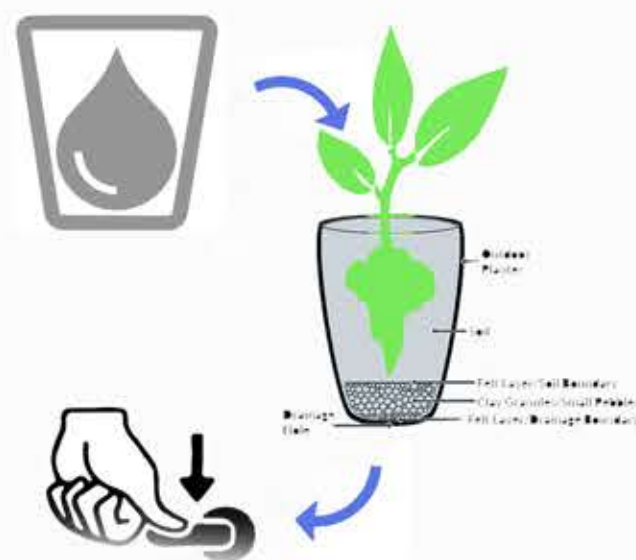
Hygiene toilets are an important step towards economic development in India. Every year many girls drop out of school due to lack of washrooms in rural areas, to meet no of toilets required for girls in school we have to make a change in construction by introducing cost-effective and sustainable methods.

USE OF RECYCLED MATERIAL.

- a. Use of recycled plastic compressed latrine pits, urinals, and sink
- b. Locally available materials like stone boulders, local bricks, and interlocking bricks to reduce the cost.
- c. Use of old fittings
- d. Ventilators shall be in mosquito net.



STEP TOWARDS ZERO WASTE TOILETS



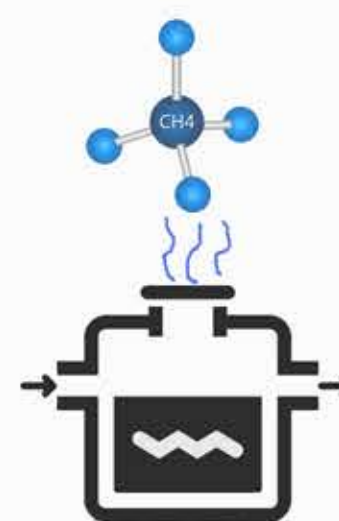
Washbasin greywater collected in a setting and filtered aerobic and biological treatments can be used for flushing.

Rainwater harvesting system is arranged from the toilet roof.



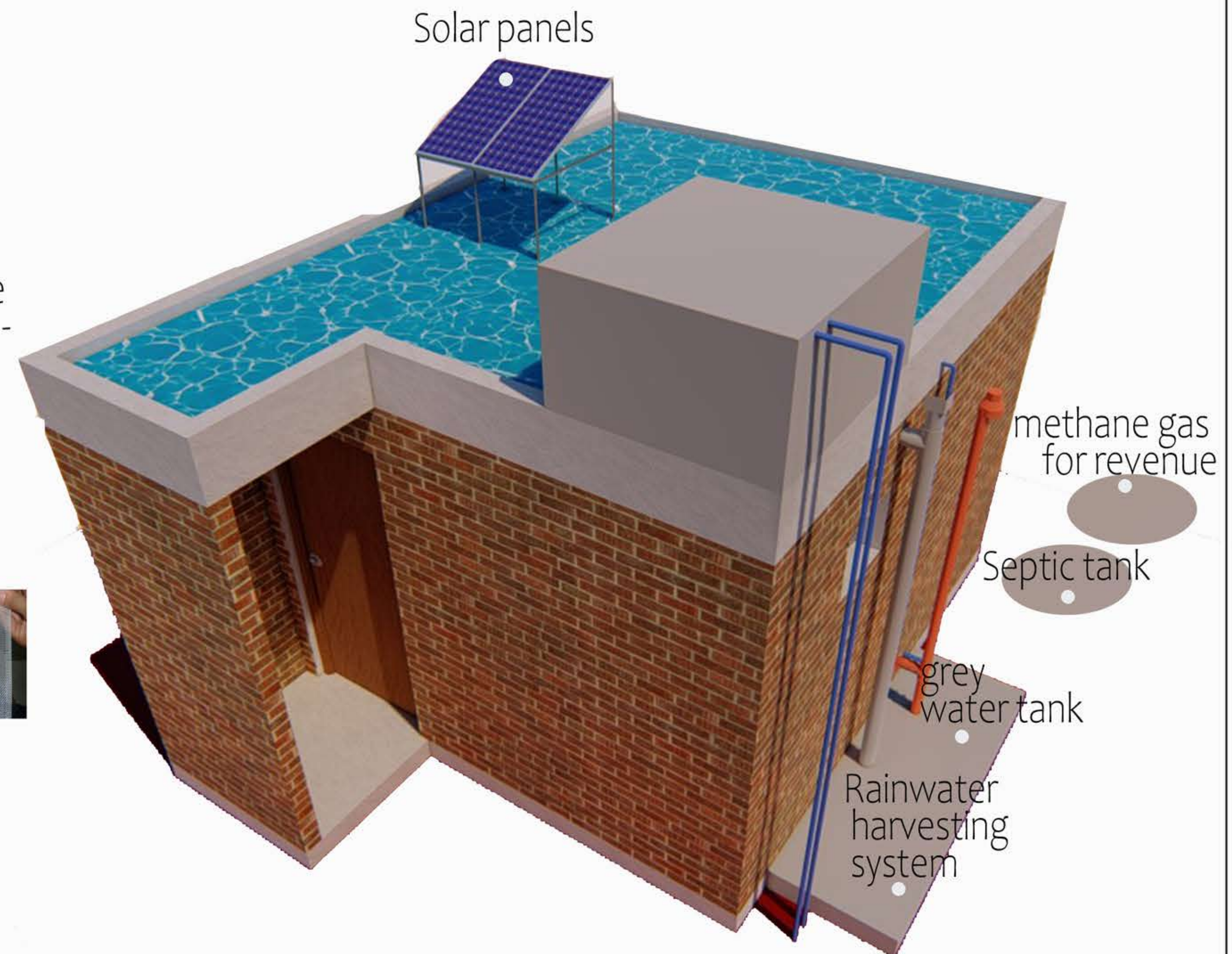
Solar panels for lights and motor.

Methane gas can be produced from the Septic tank sludge will be converted to methane gas for revenue, which can be used for maintenance.

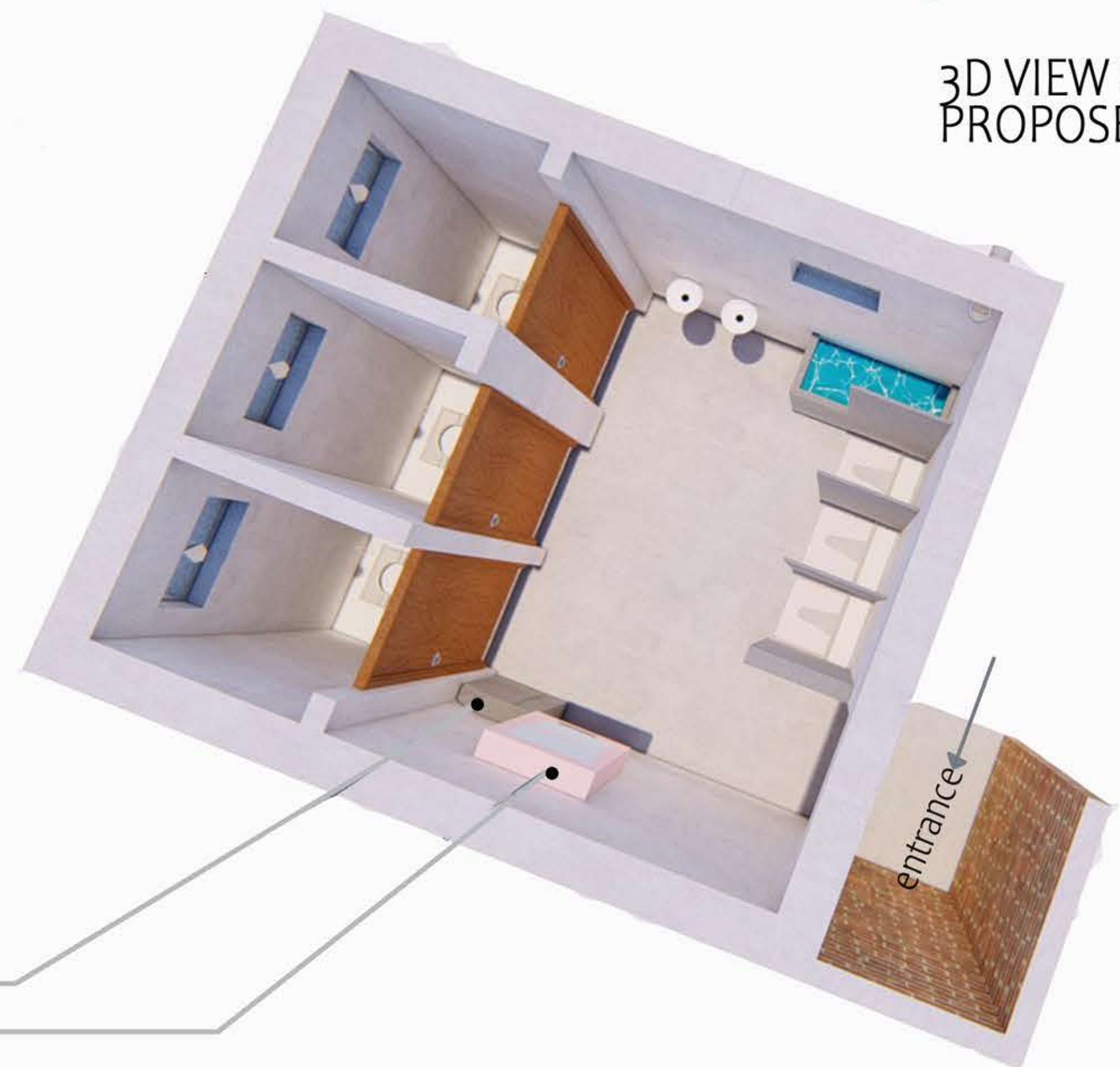


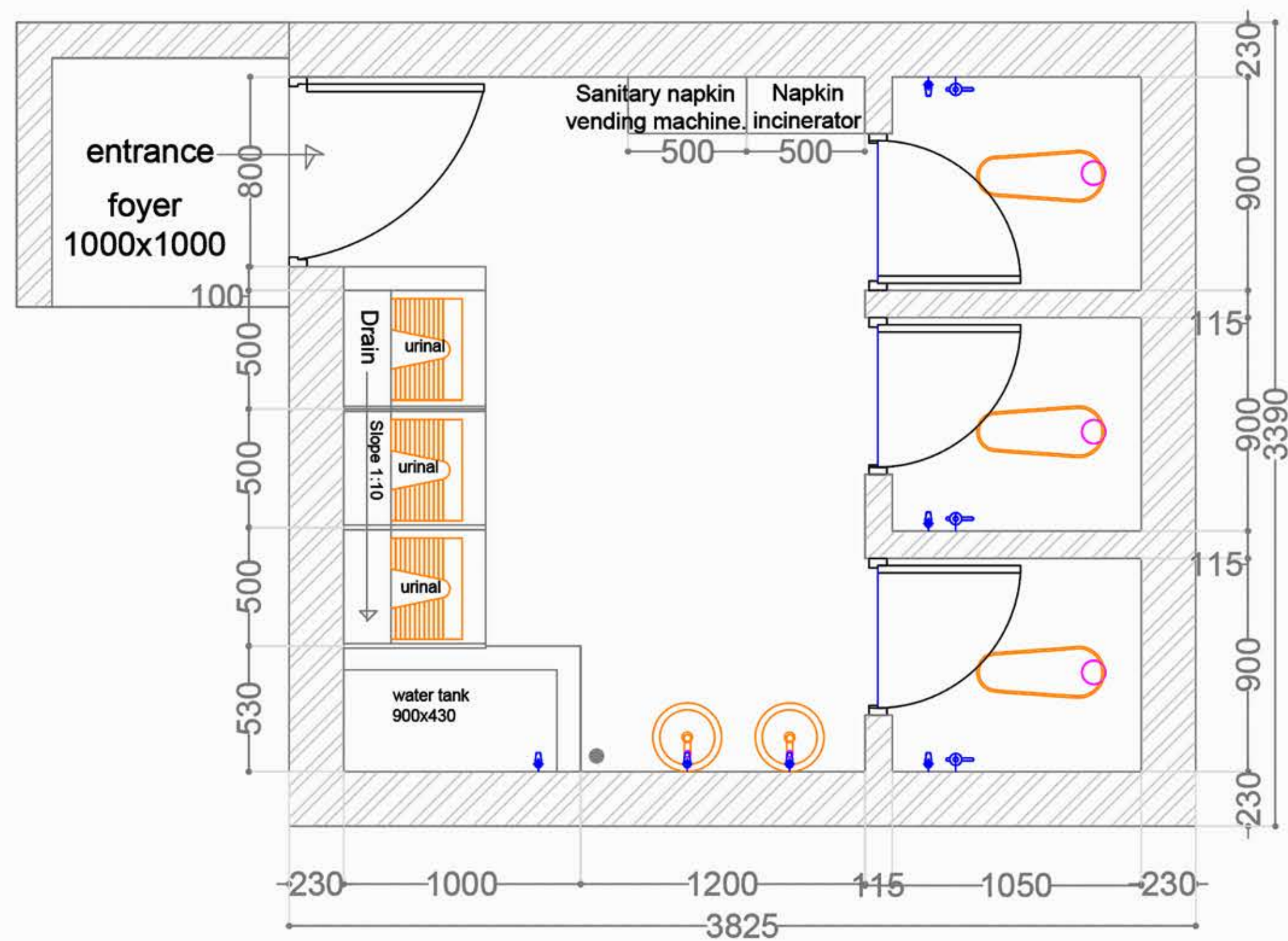
Basic sanitation measures for school girls

- a. Napkin incinerator
- b. Sanitary napkin vending machine.

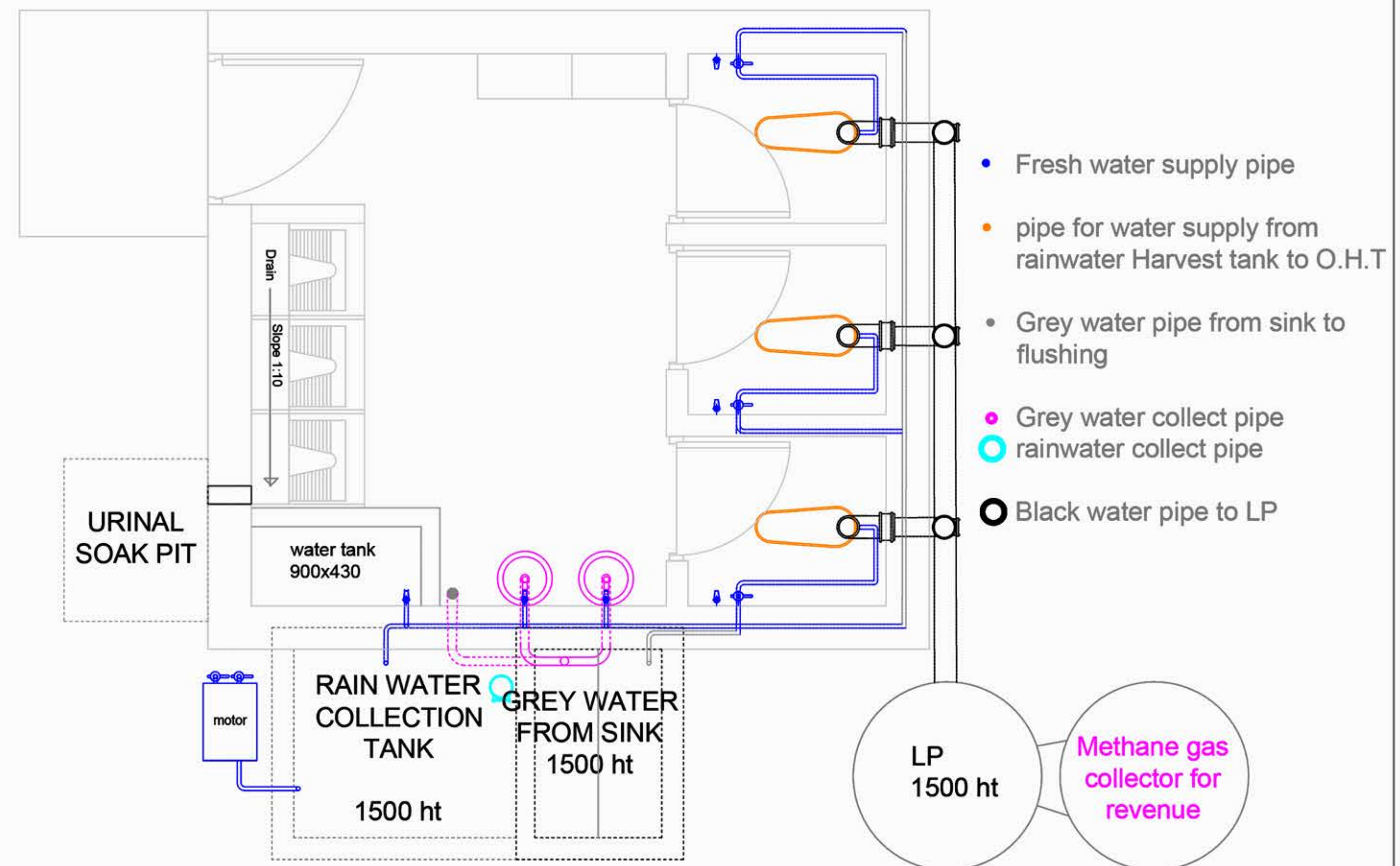


3D VIEW OF PROPOSED MODEL

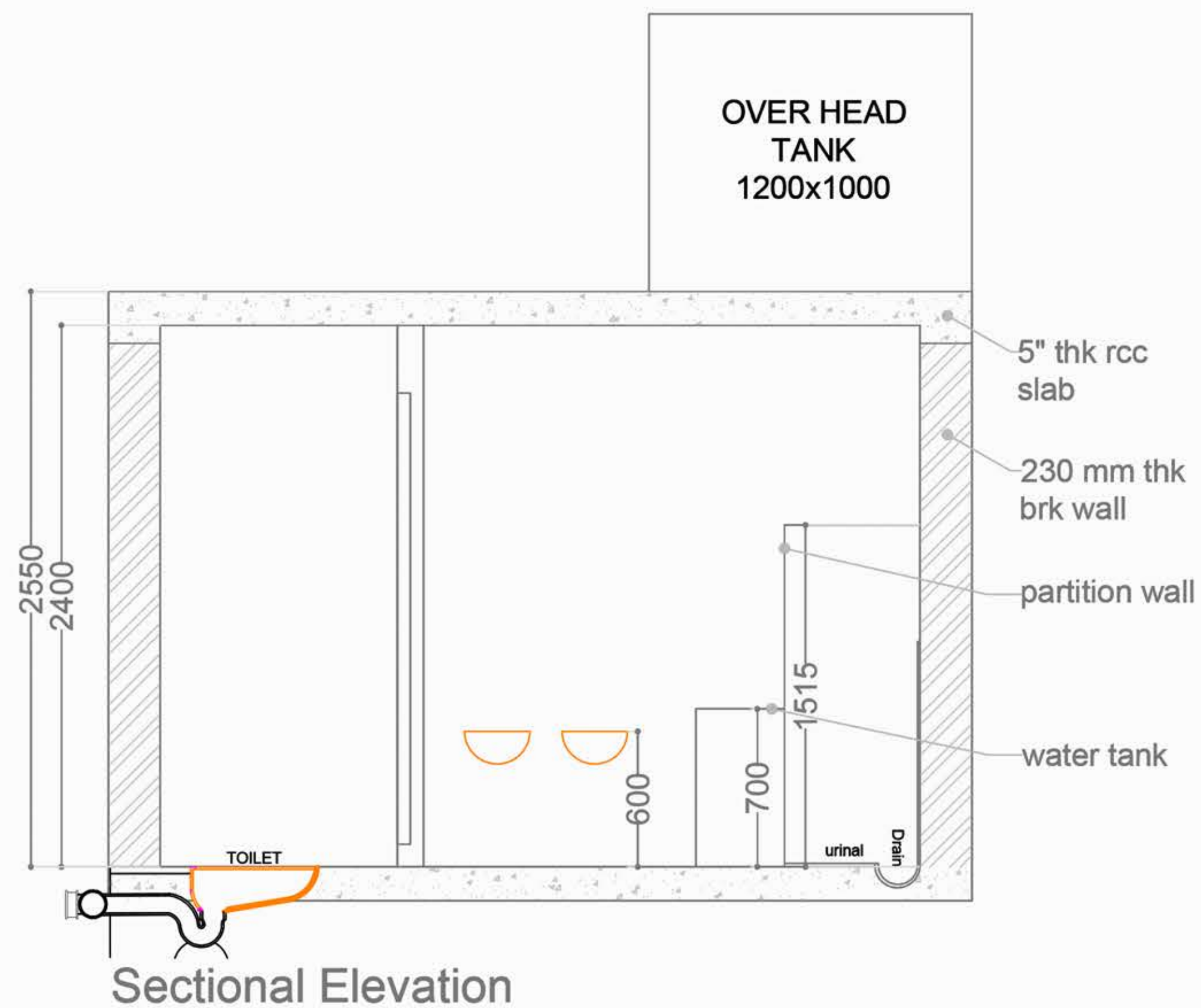




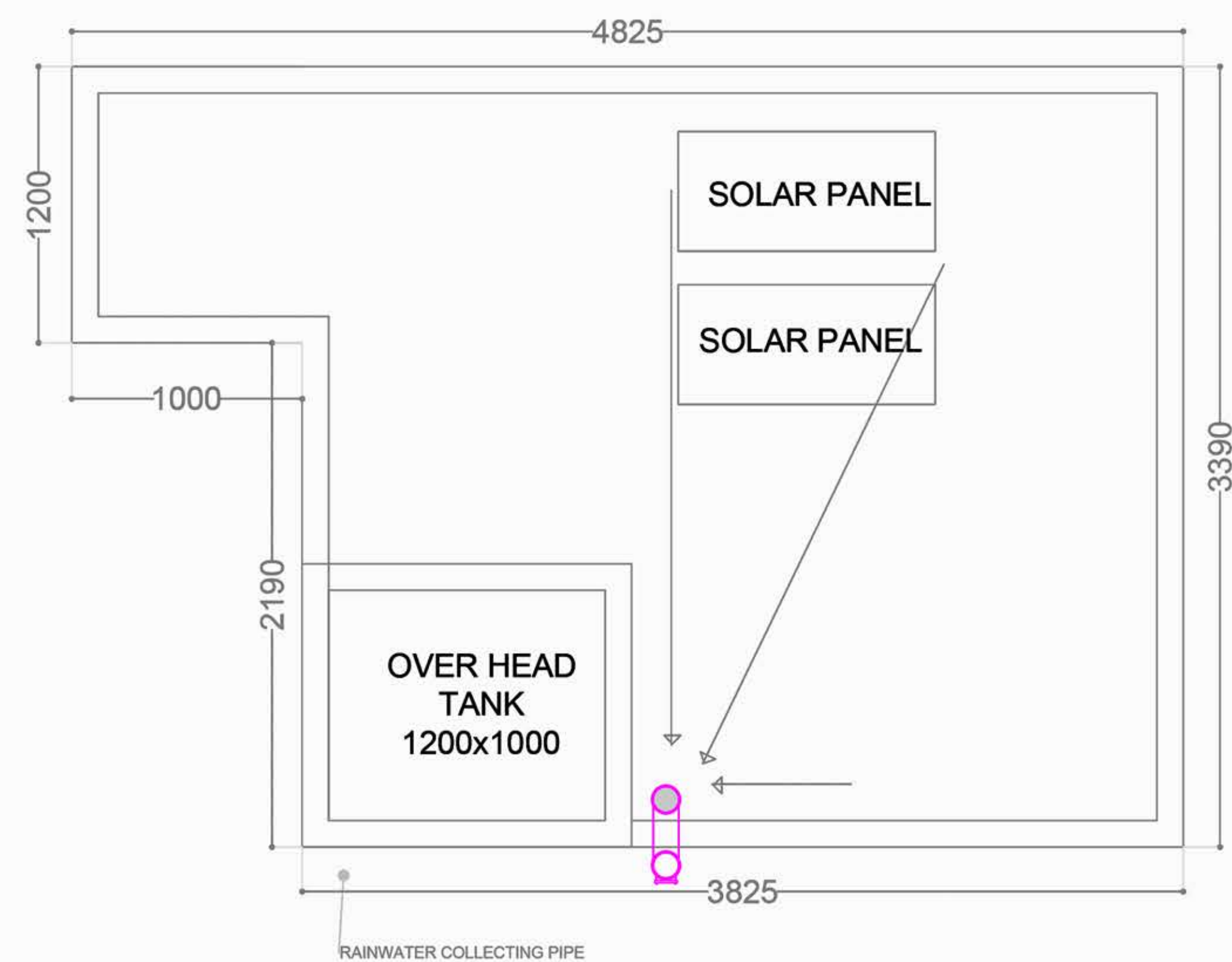
PLAN



PLUMBING LAYOUT



Sectional Elevation



ROOF PLAN