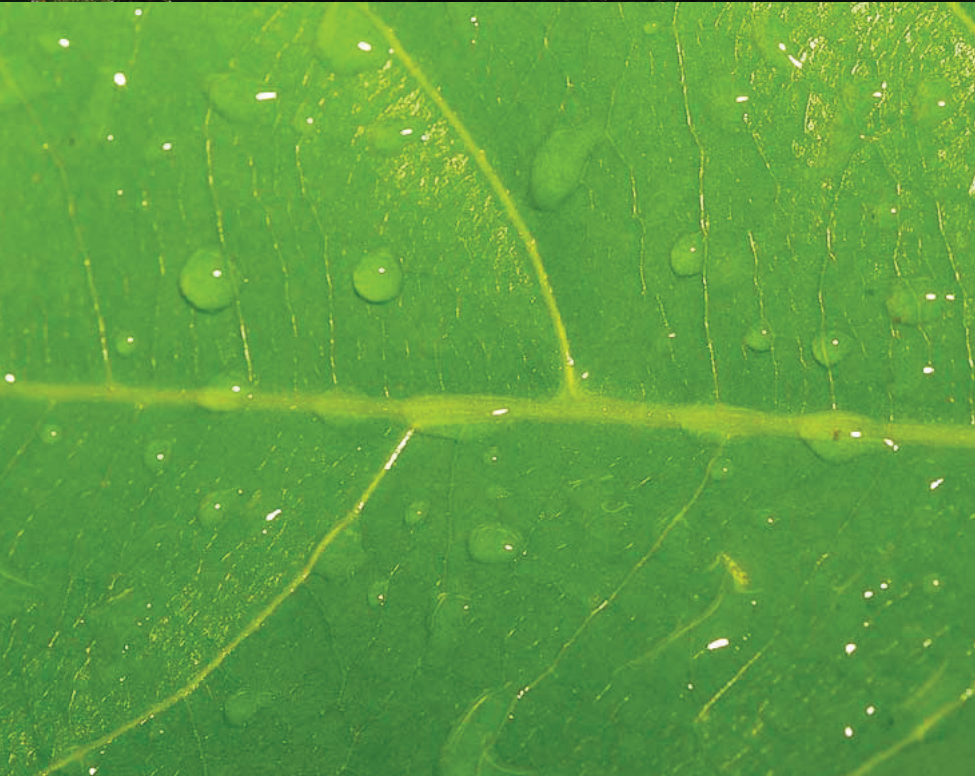




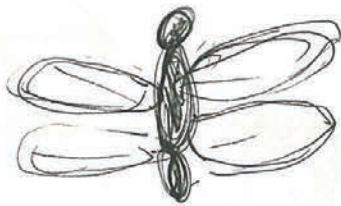
the living classroom

growing lives
growing communities
growing the future

After 3.5 billion years,
nature knows best.



Nature as a model for
educating our children.



Fungus

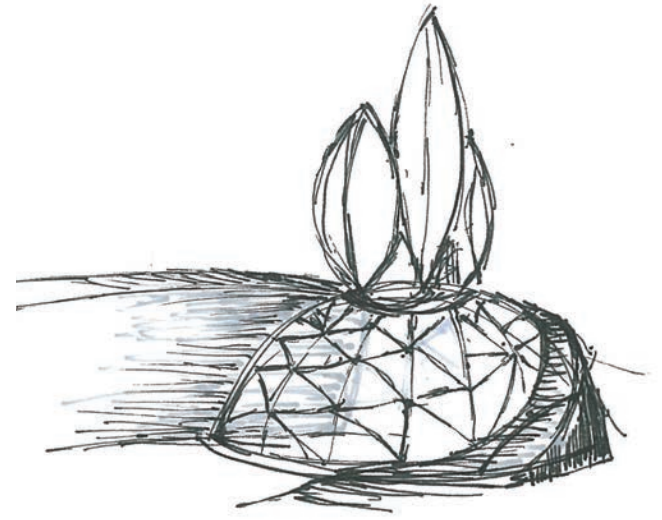


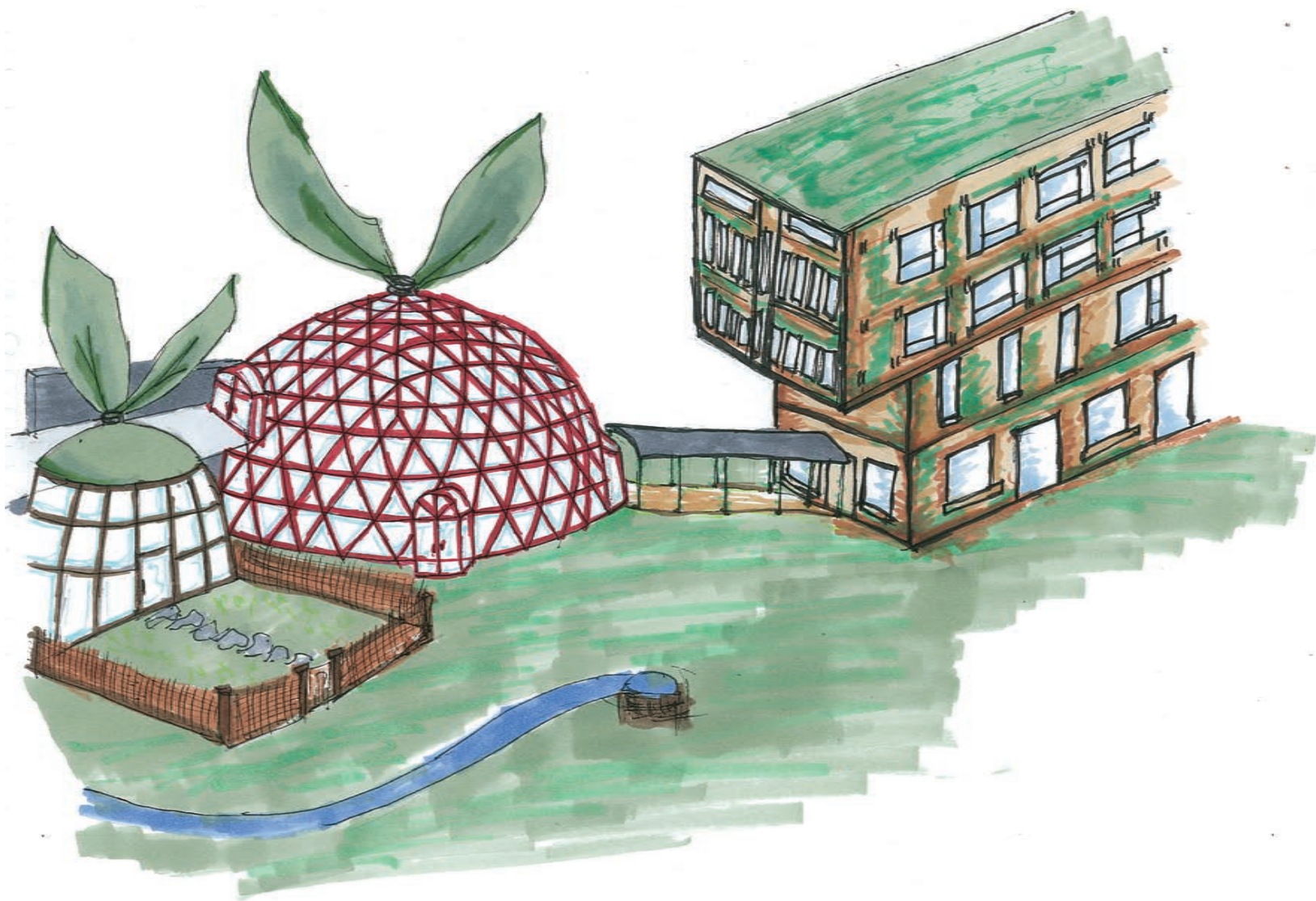
CARROT.

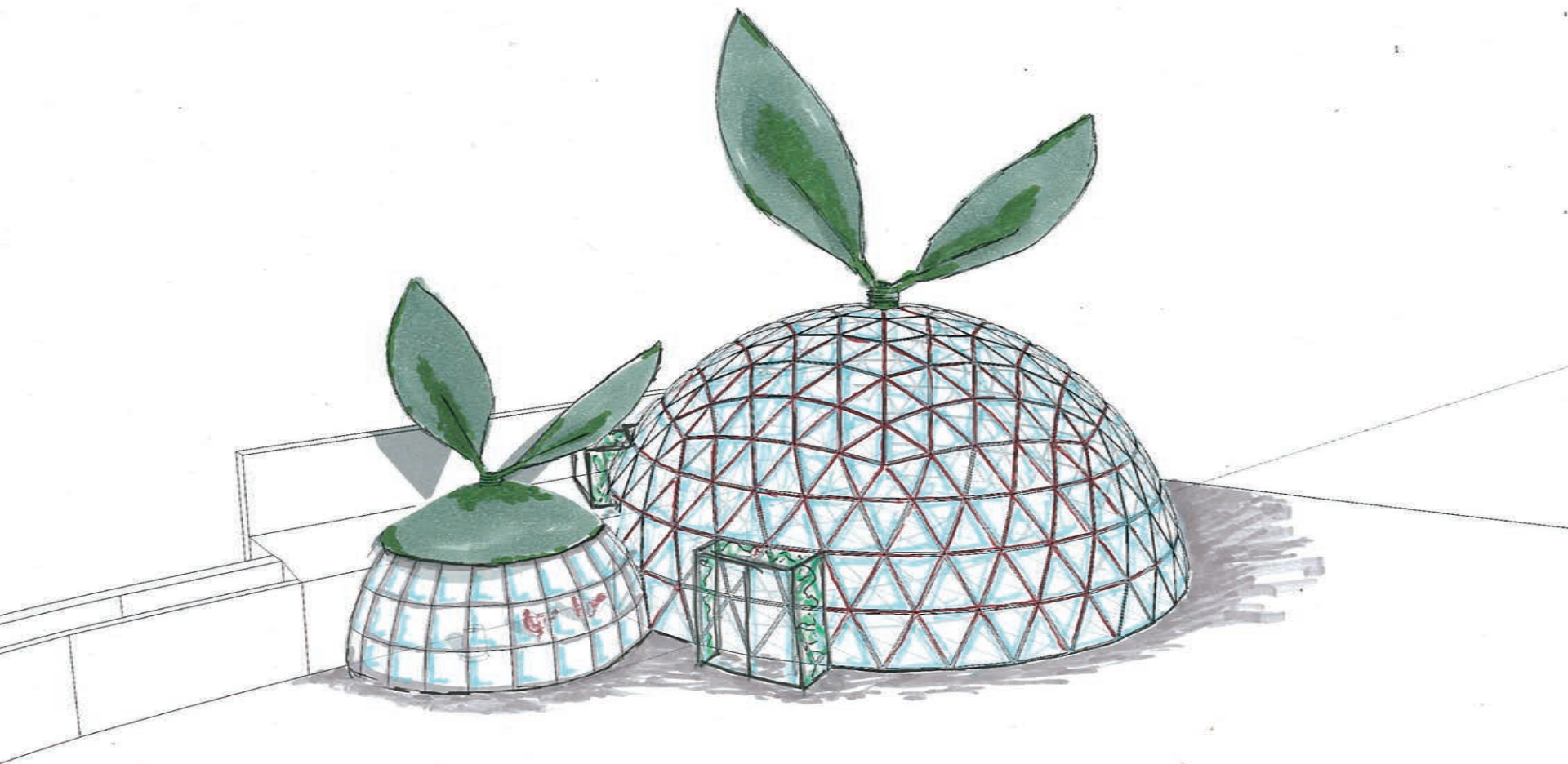


Unknown



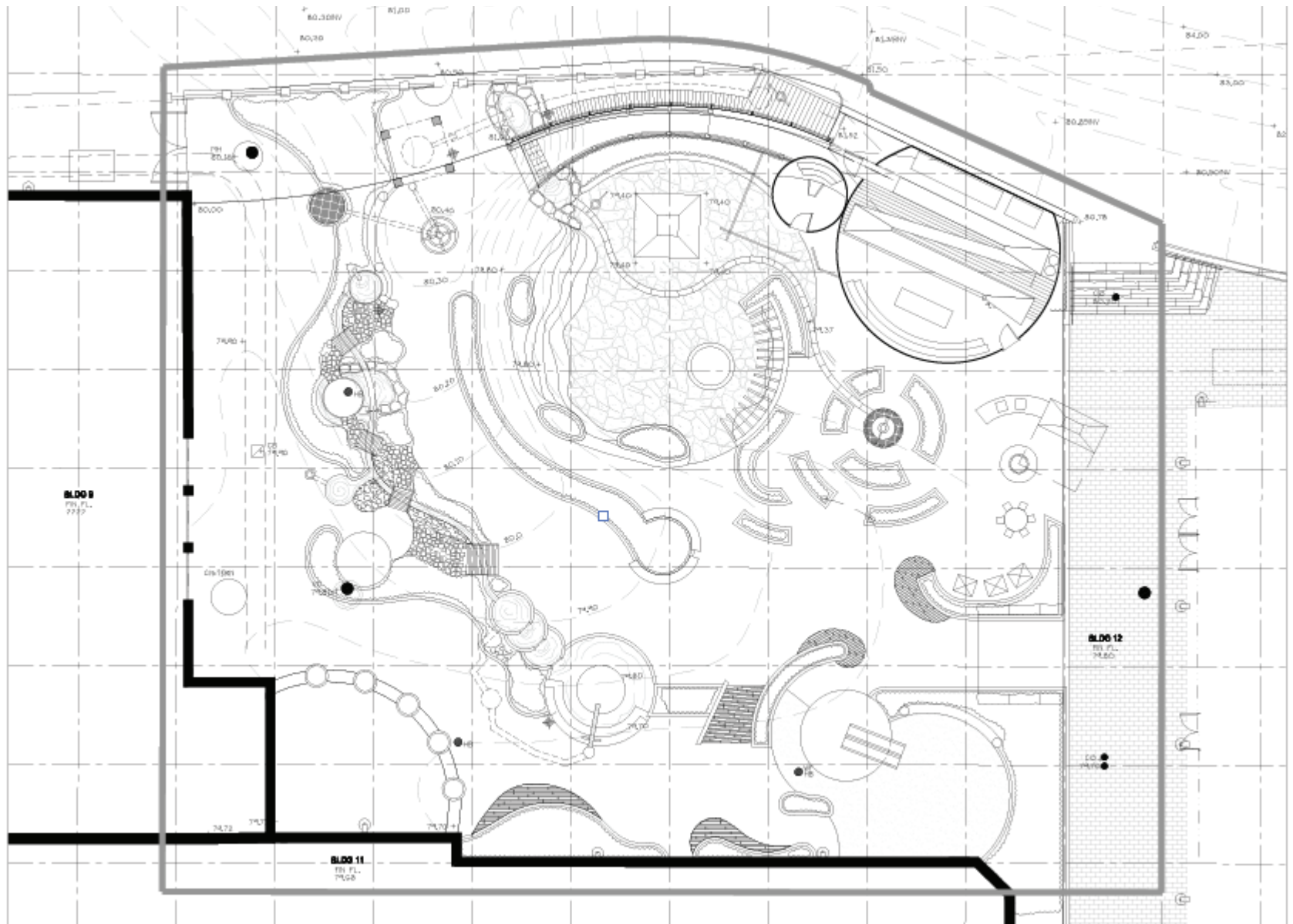




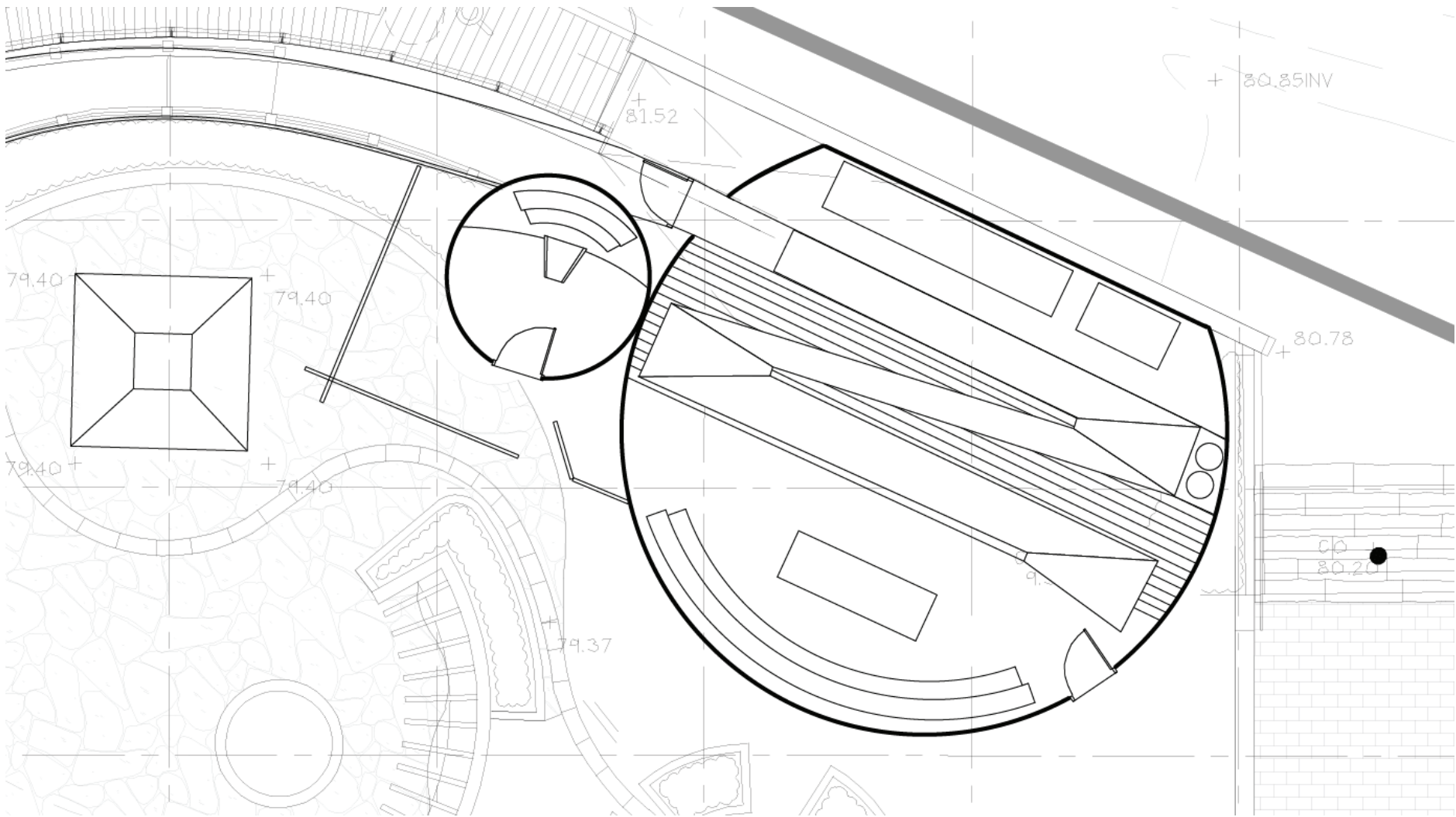




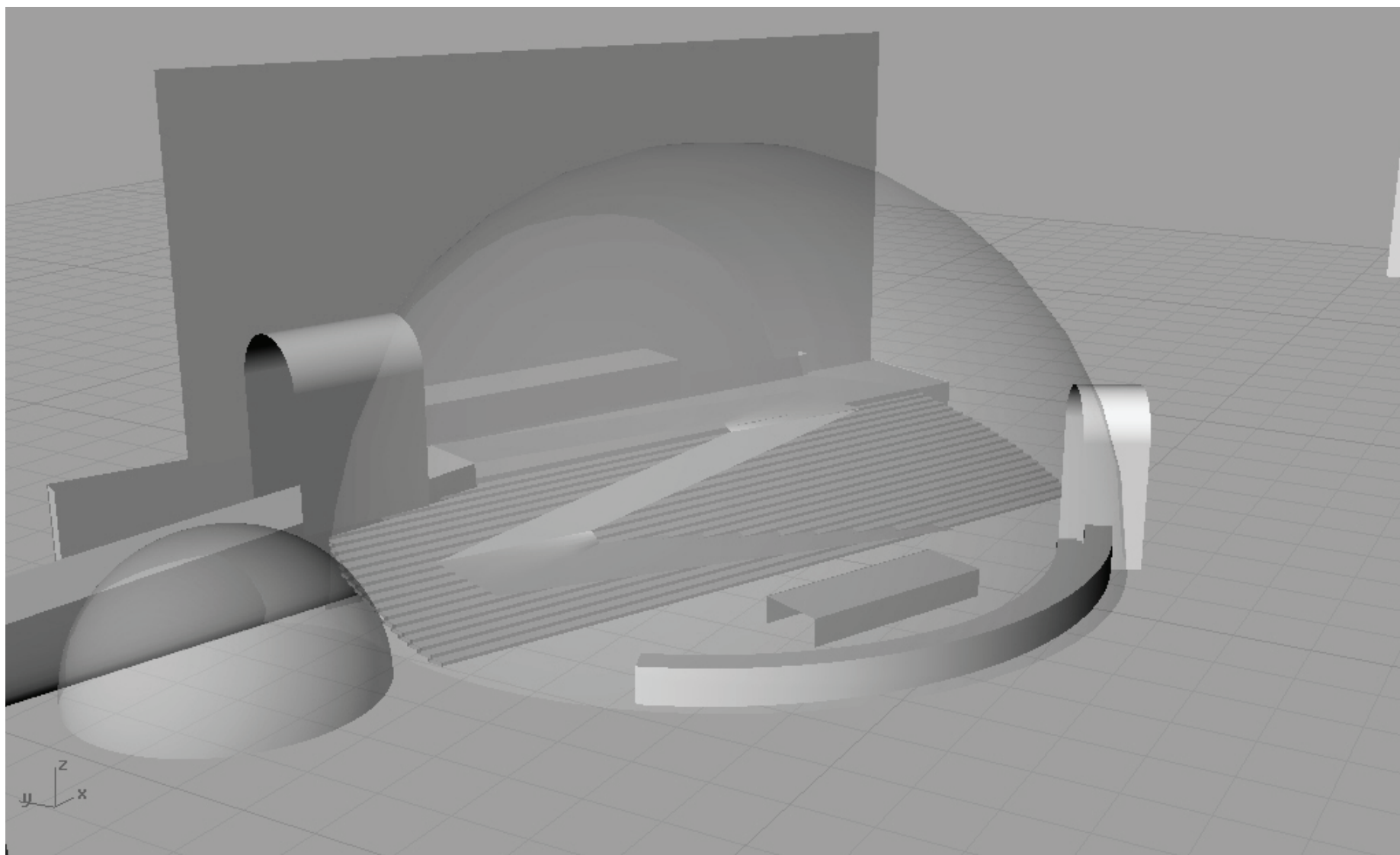
site plan.

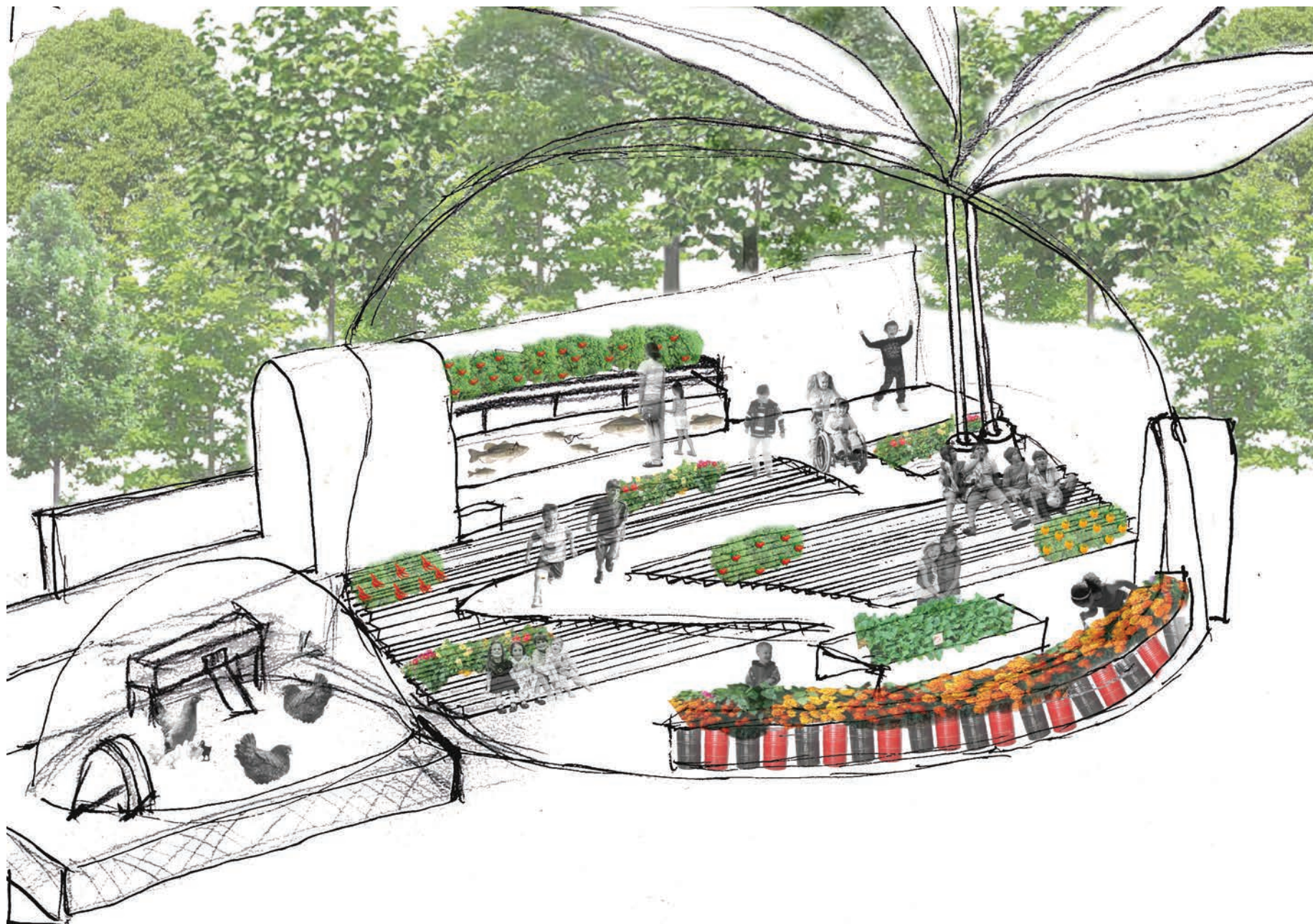


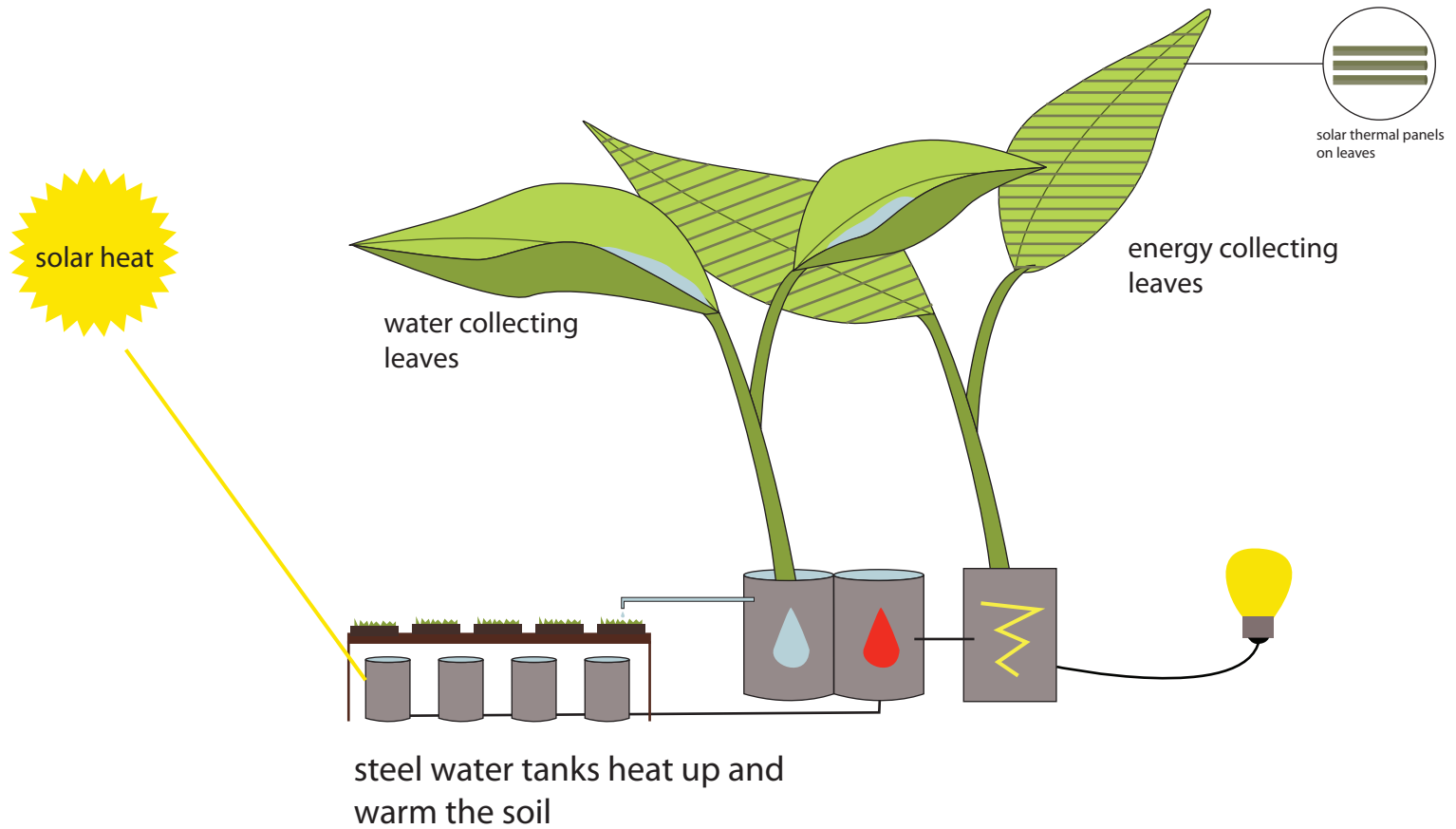
plan.



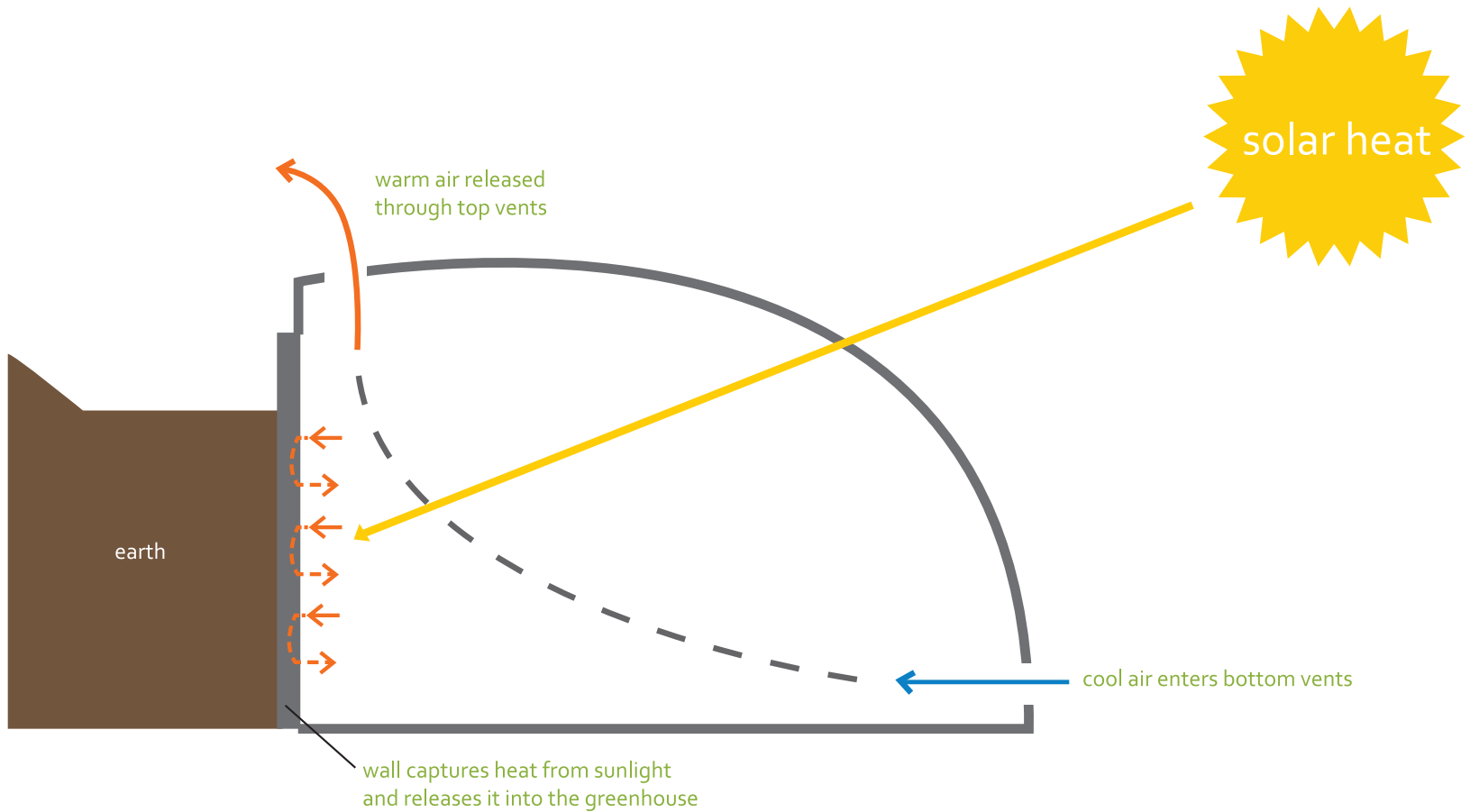
3D.







Temperature regulation and air circulation

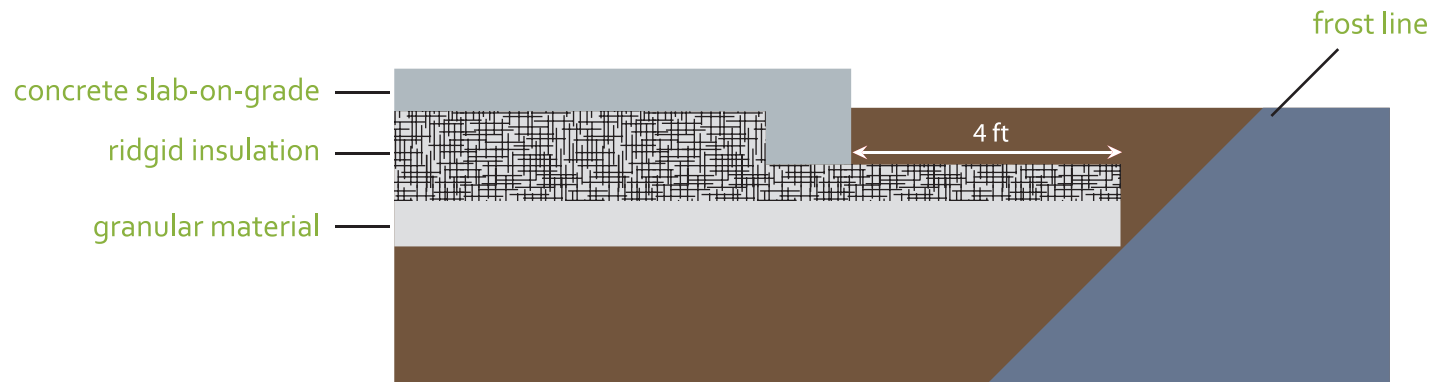


Greenhouse Skin- cross section

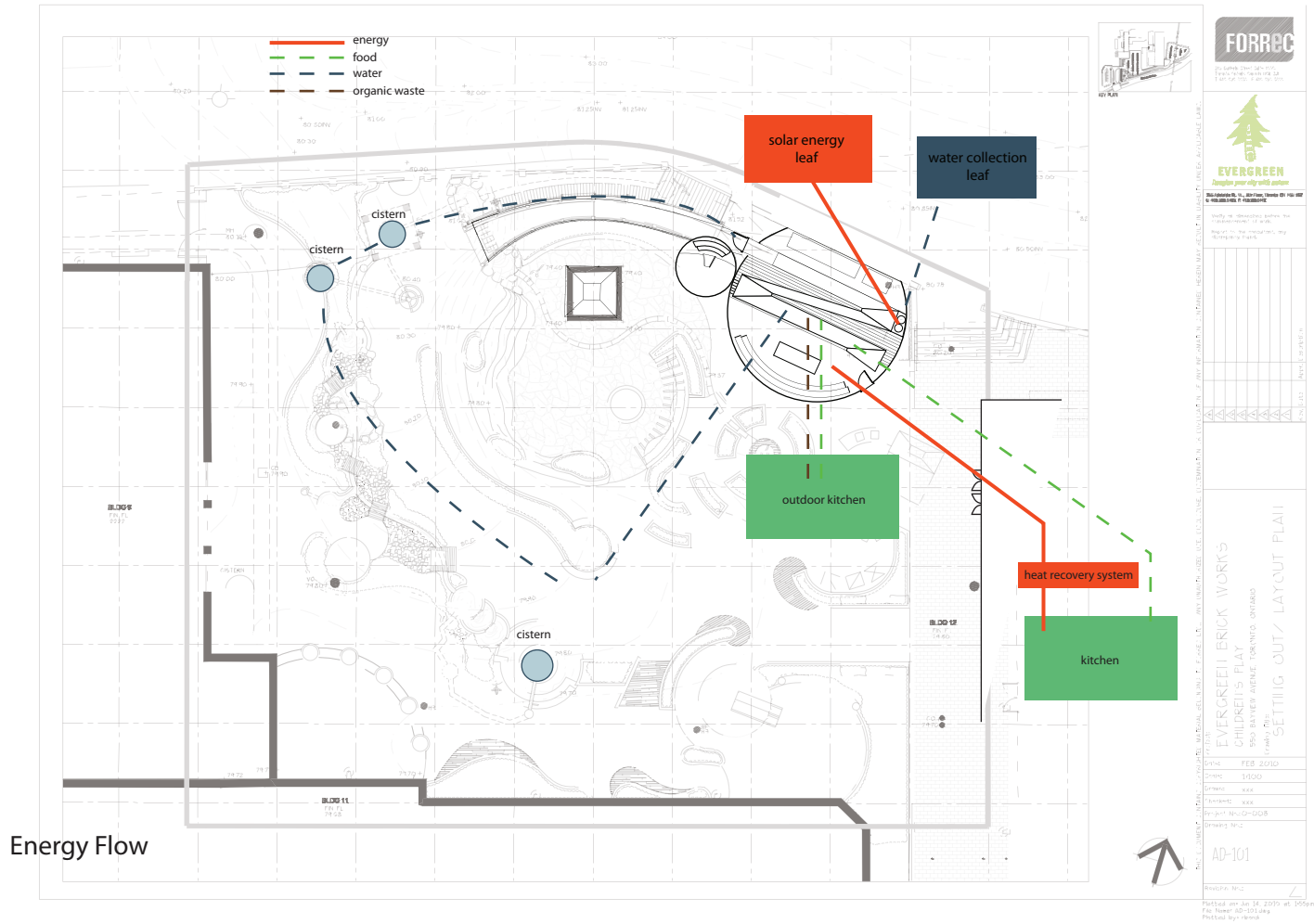


- panels made from a acrylic polymer
- weather resistant
- shatter proof
- light transmitting
- heat insulating
- good for curved roofs
- the air chambers make it 75% more heat retentive than a single layer system
- has a non-drip, anti-condensate control coating
- available in clear

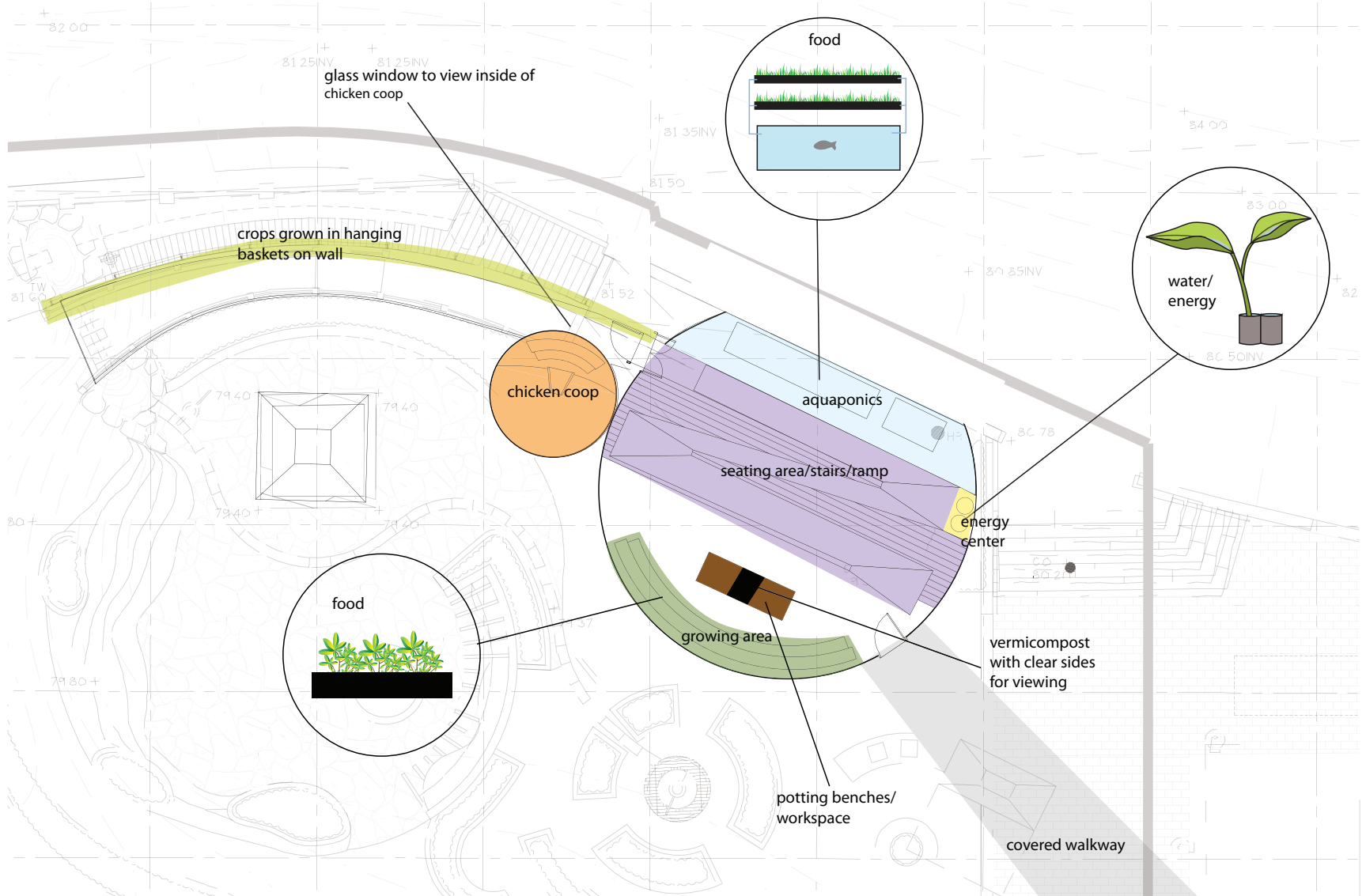
Frost Shadow



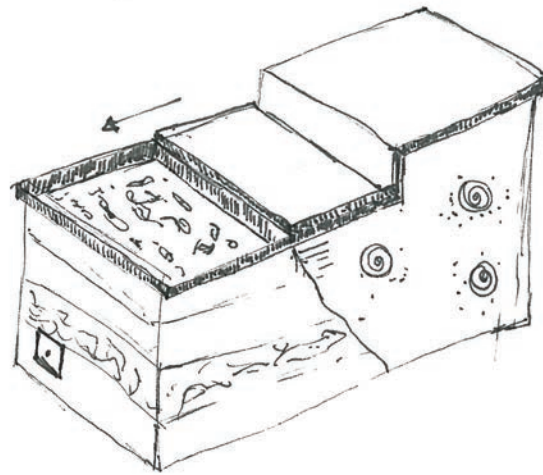
technology.



activities.



activities.





"DIG IN!"

- historical significance
- tending and planting
- morning classroom: inside to outside
- soil investigation: making rammed-earth bricks
- Don River information
- natural phenomenon: Golden Horseshoe
- information about community gardens
- connection to animals
- geographical significance
- harvesting
- planting winter vegetables
- cooking and preserving
- potted plants, making compost and pots
- scavenger hunts
- materials
- bug and fossil identification
- technology
- agriculture
- rainwater collection
- thermal heating process

strengths

- works within the system of the Evergreen community
- well integrated within the site
- accounted for the orientation of the sun and thermal heat
- visually stimulating for children
- interactive environment
- universally designed
- holistic
- circulation
- modular
- materials

weaknesses

- cannot add on to existing domes
- expensive to incorporate new technologies
- dome shape is not innovative

opportunities

- accessible
- canopies
- easy shape to be repeated
- energy efficient

threats

- weather/ floods

implementation.



phase one: construction of the chicken coop



phase two: construction of the stramp



phase three: construction of the dome



phase four: design and construction of the canopies



TEAM ONE

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Richelle Sibolboro

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Jenny Bukovec

Elizabeth Belina-Brzozowski

Courtney Richard