

KUA

FLY RANCH 2020
LAND ART GENERATOR INITIATIVE 2020

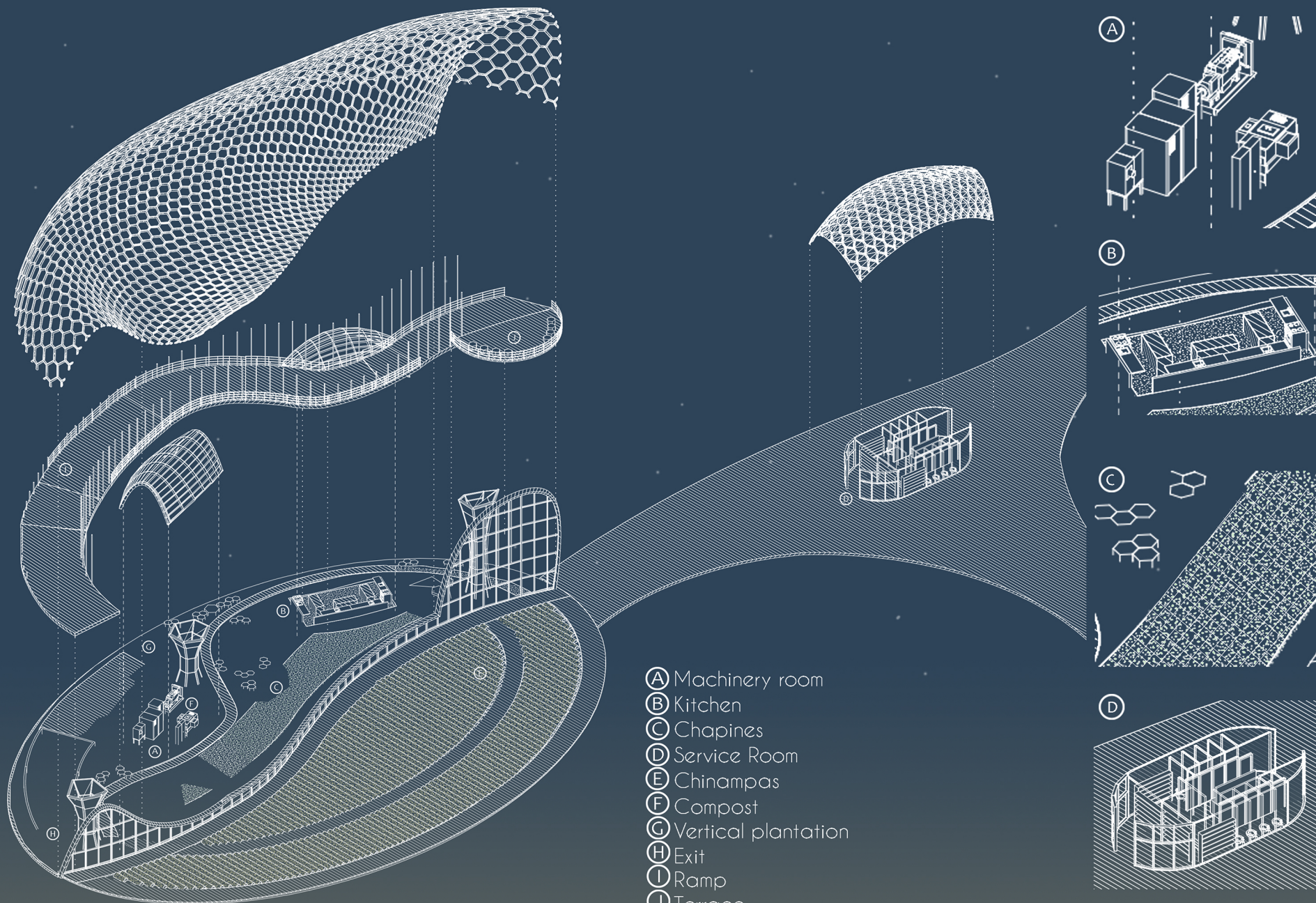


KUA was inspired by the needs that the fly ranch has and one of the most important was the need for resource cycle that could be itself by itself just like a live organism that depends only of himself but can also take care for other organisms including the retribution to the mother nature that is the main source of the project. Also the project seeks to educate the community of the fly ranch to be capable of producing their own food, light and thermal comfort.

An ancient and an easy way to grow food learned by the Aztecs is the old method of "chinampas". The basic principle of the chinampas is to grow the food above the water, by creating tiny mounds over the water where the plants will take place. This method is simple but not contrary to innovation and technology developed in the project. Sometimes the innovation could be found in ancestral knowledge.



The main cycle to focus on, by the project, was the food cycle, meaning that it starts with: sow, grow, harvest, cook, eat and compost. Accompanied by other technologies such as photovoltaics panels, absorption chillers and water caption systems. All of this to ensure maximum efficiency and comfort inside and outside the project.



- (A) Machinery room
- (B) Kitchen
- (C) Chapines
- (D) Service Room
- (E) Chinampas
- (F) Compost
- (G) Vertical plantation
- (H) Exit
- (I) Ramp
- (J) Terrace

