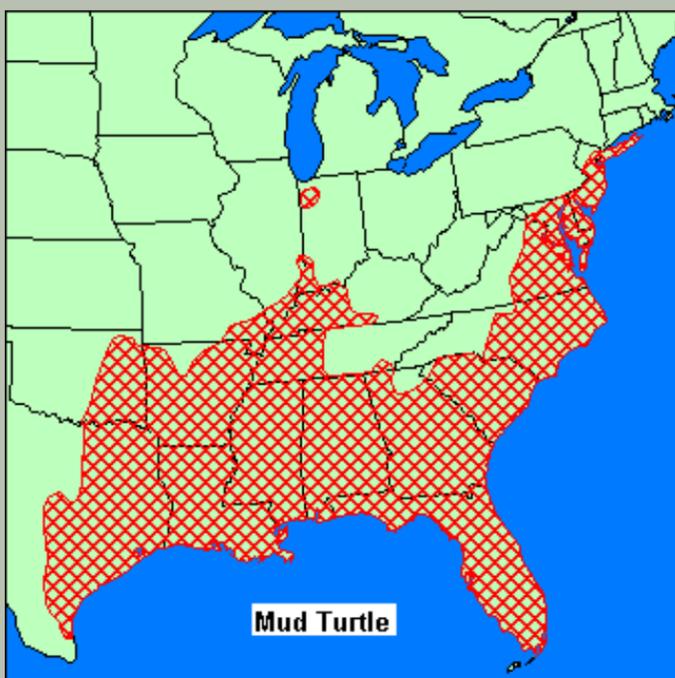


Mud Turtle

Enclosure

Mud turtles are small omnivores and prefer to live in sandy, wet and muddy areas of waters such as ponds, bogs, lakes and rivers. The mud turtle is indigenous to many different turtle species can inhabit one body of water at a time such as a snapping turtle and a mud turtle living in the same pond. While mud turtles lay one to four eggs, snapping turtles lay twenty to four and sea turtles lay up to 110. Mud turtle diets consist of insects, tad poles, and worm. Although mud turtles are aquatic they are poor swimmers and walk along the bottom of bodies of water. Draining wetlands for urban and industrial development has impacted populations which affects the habitats that they find suitable. In the United States the mud turtle inhabits 19 states such as New York, (where it is endangered) Florida, Texas, the Mississippi Valley, Southern Illinois and Southwest Indiana.



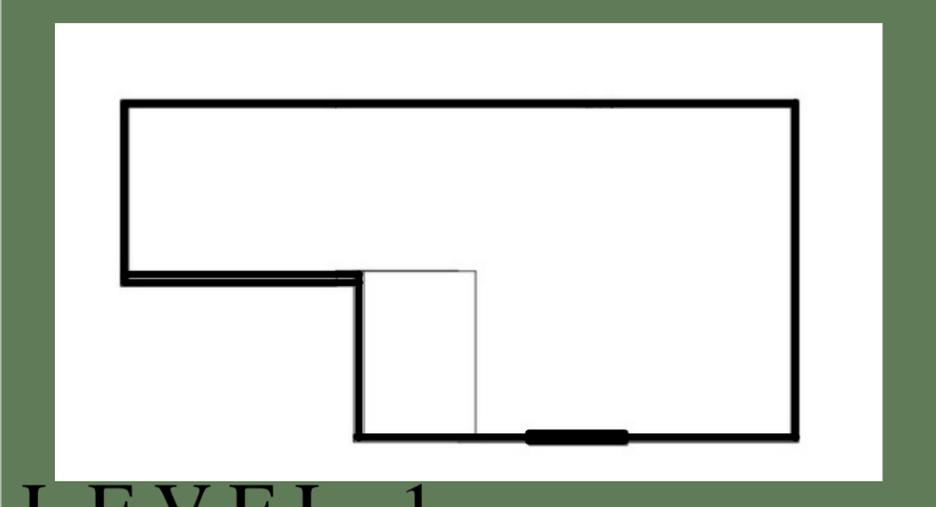
Tank Information

Concepts + Details + Materials

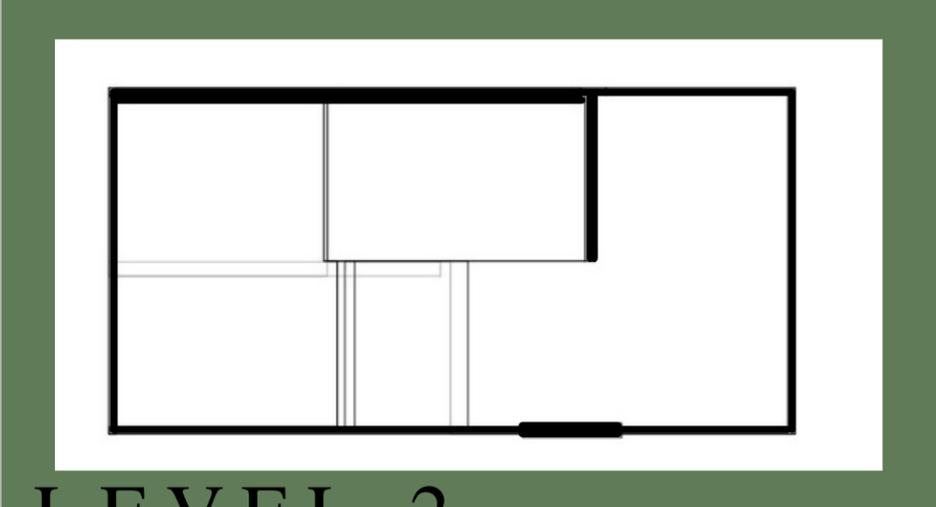
Within my concept for the turtle habitat I wanted to play with opaqueness and transparency to make the turtle comfortable and give it a habitat that isn't like any other aquarium/ tank. With the turtles likeness of hiding and the owners likeness of always wanting to see their pet I decided to go with an opaque shell and carve out where it should be transparent so the owner can still view inside of the habitat but the turtle has a sense of privacy. The different levels of the tank will also give the turtle the ability to explore between water and land with different basking experiences. The different materials for the tank include silicon, glass and wood.

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Florida Agricultural & Mechanical University
Design 4.1 ARC 4341

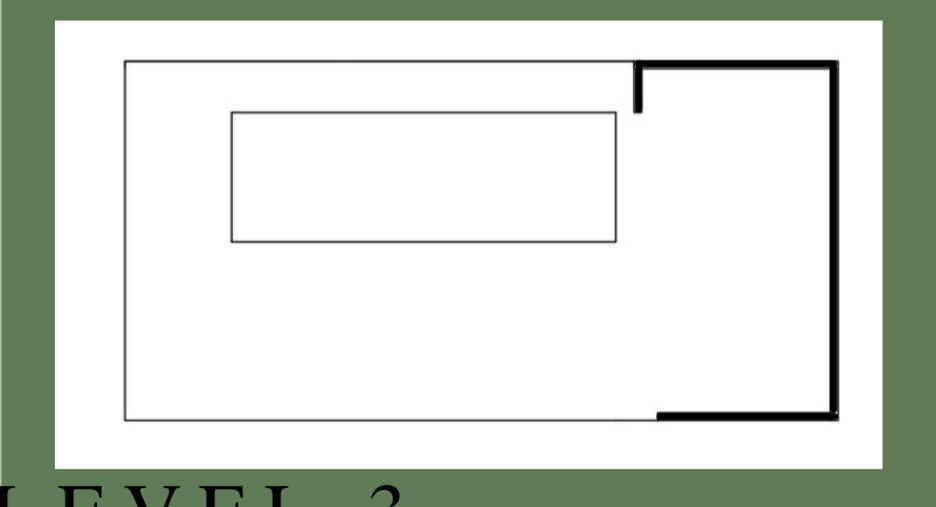
Levels



LEVEL 1

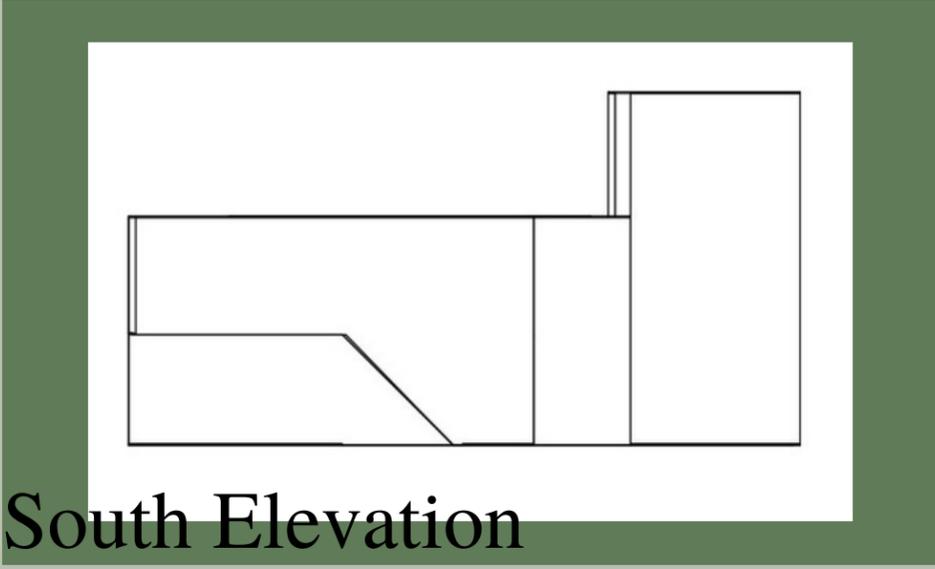


LEVEL 2

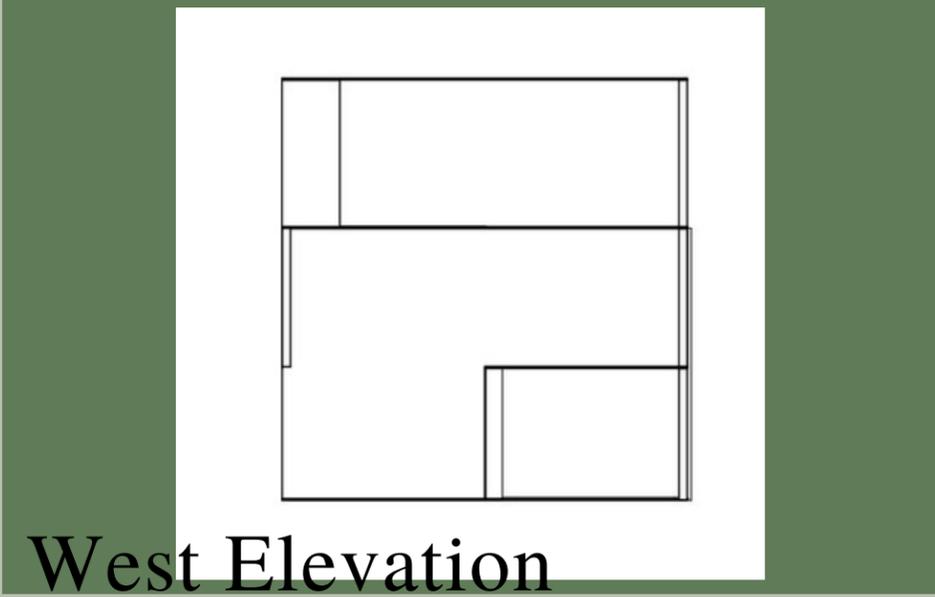


LEVEL 3

Elevations

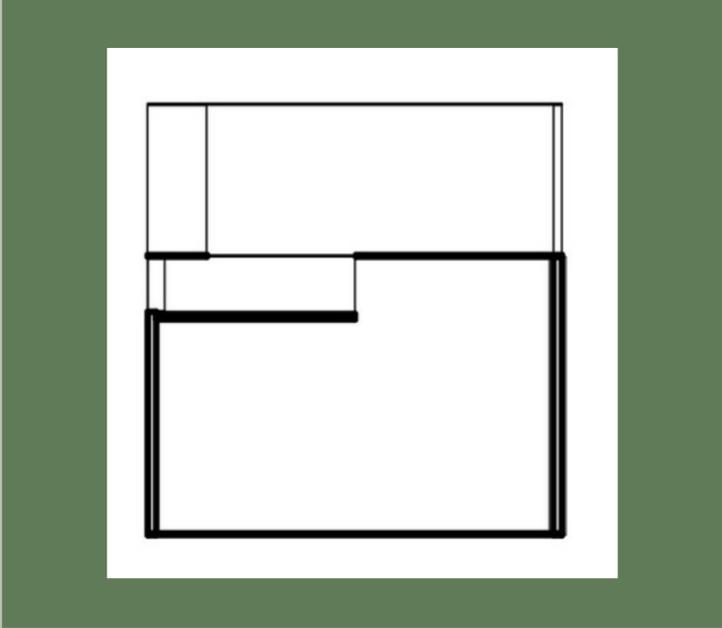
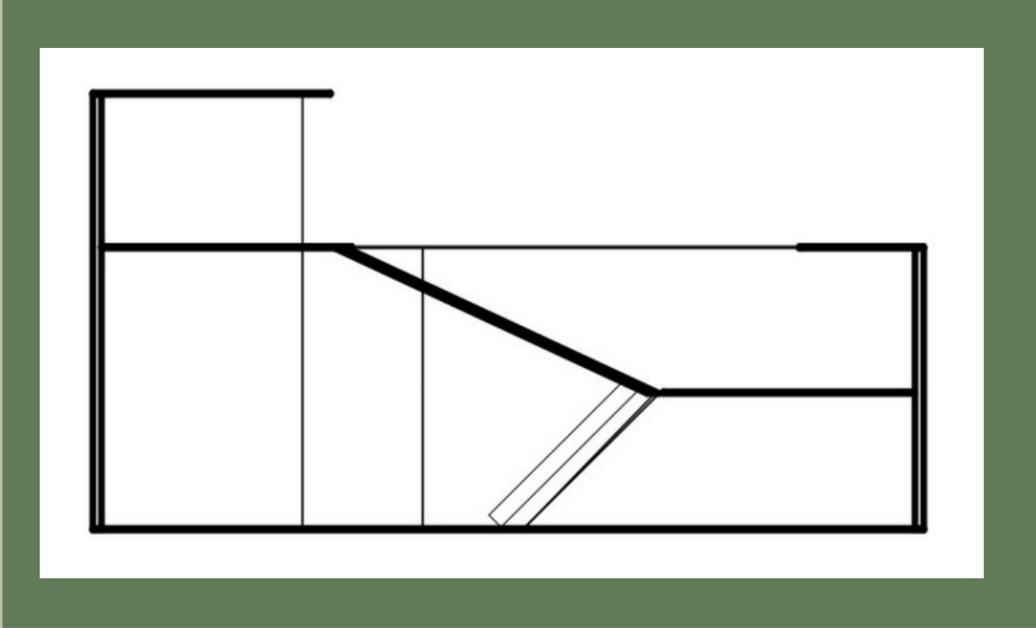


South Elevation



West Elevation

Sections



Renderings

