

Thoren Aquatic Systems, Inc.

- 18 double sided, 6 single sided racks/ quarter (10w x 7h = 70 tanks/side)
- 72 double sided, 24 single sided racks/ room = 11760 tanks/ room
- repetitive order of rack layout allows for easy labeling, faster tank finding and efficient distribution of life support and waste removal
- rows are open ended and limited in length to provide for redundancy of circulation paths
- use of wall space is optimized - side walls are utilized for single sided racks while end walls are left open for storage units and work space
- nursery may be located within the main room (similar light cycle) but can also be placed in adjacent space depending on the demand
- crossing space will be needed within the main room - end walls would work but crossing stations throughout the room are more user friendly
- live food culturing must be on its own light cycle (likely 24hr)
- presence of experiment space within the main room is use dependant and can be problematic due to the temp and humidity conditions

