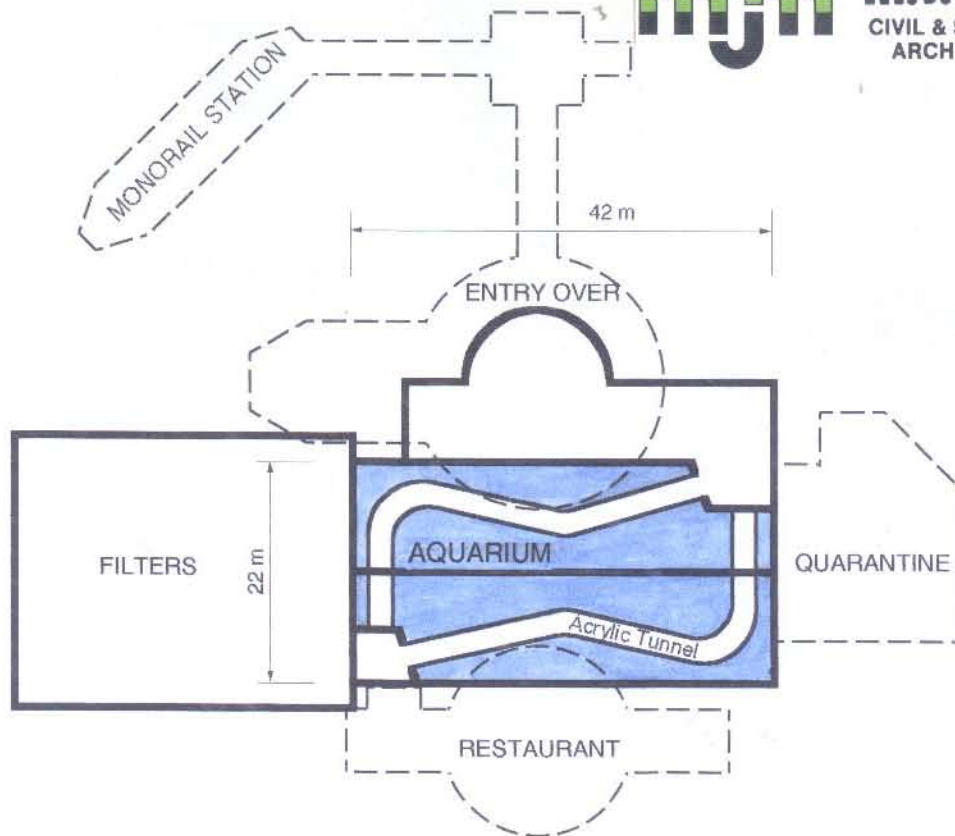




M.J. MURPHY LTD
CIVIL & STRUCTURAL ENGINEERS
ARCHITECTURAL DESIGNERS



UNDERWATER WORLD SINGAPORE

Project cost (excluding land) approx. = S\$ 20 million

First Year Visitation = 1,800,000 visitors

Features:

- Two main display tanks. (total 42m x 22m)
- 80m long acrylic tunnel.
- 89m long moving walkway
- A range of smaller fish tanks, rockpools and exhibits.
- 6m high x 2.5m diam. acrylic fish tank.
- Theatre and class rooms.
- Souvenir shop.
- Fast food restaurant.
- Monorail station.
- Exterior turtle pool, and extensive landscaping.

Project completed in 1991. Constructed on reclaimed fill adjacent to the sea. All buildings founded on driven concrete piles.

M.J. MURPHY LTD INVOLVEMENT - Principal Designer (Architectural and Engineering) and coordinator, including design of all acrylic works, saltwater systems reticulation and rockwork theming.