

If printed 17 inches tall (from black-outlined edge to black-outlined edge) the scale of these drawings is 1/350.



NOTES

DECK 4
The stairs for evacuating the crew after an emergency landing via the hatch on Deck 2 start on this deck. Around, behind, and beneath these stairs is a storage space (EL).

TMoST mentions that Water Storage is on Deck 7. Of course, water can be placed there too, but the shallow space around this deck lends itself well to this function.

Most of the Crew's Quarters in the Primary Hull are laid out in rings. The rings are labeled from the center outwards, starting with A, then B, then C, and so on.

TMoST mentions Junior Officers have quarters on Deck 4. There are sufficient accommodations in the Primary Hull for the crew complement of this type of ship. Crew members do not have to share quarters with anyone else.

The ship layout varies from the Constitution-class starting on this deck. The Piping / Wiring Trunk is raised so as to allow the turbo-elevator system on Deck 5 to reach further aft.

DECK 6
The layout of this deck is similar to the FJ design for the Constitution-class ship. I like the tri-radial symmetry. As on Deck 5, the turbo-elevator shafts are separated by 120°. I also added 4 more turbo-elevator storage spaces. This network is not as extensive as the FJ design; walking a few hundred feet or meters should not be an issue.

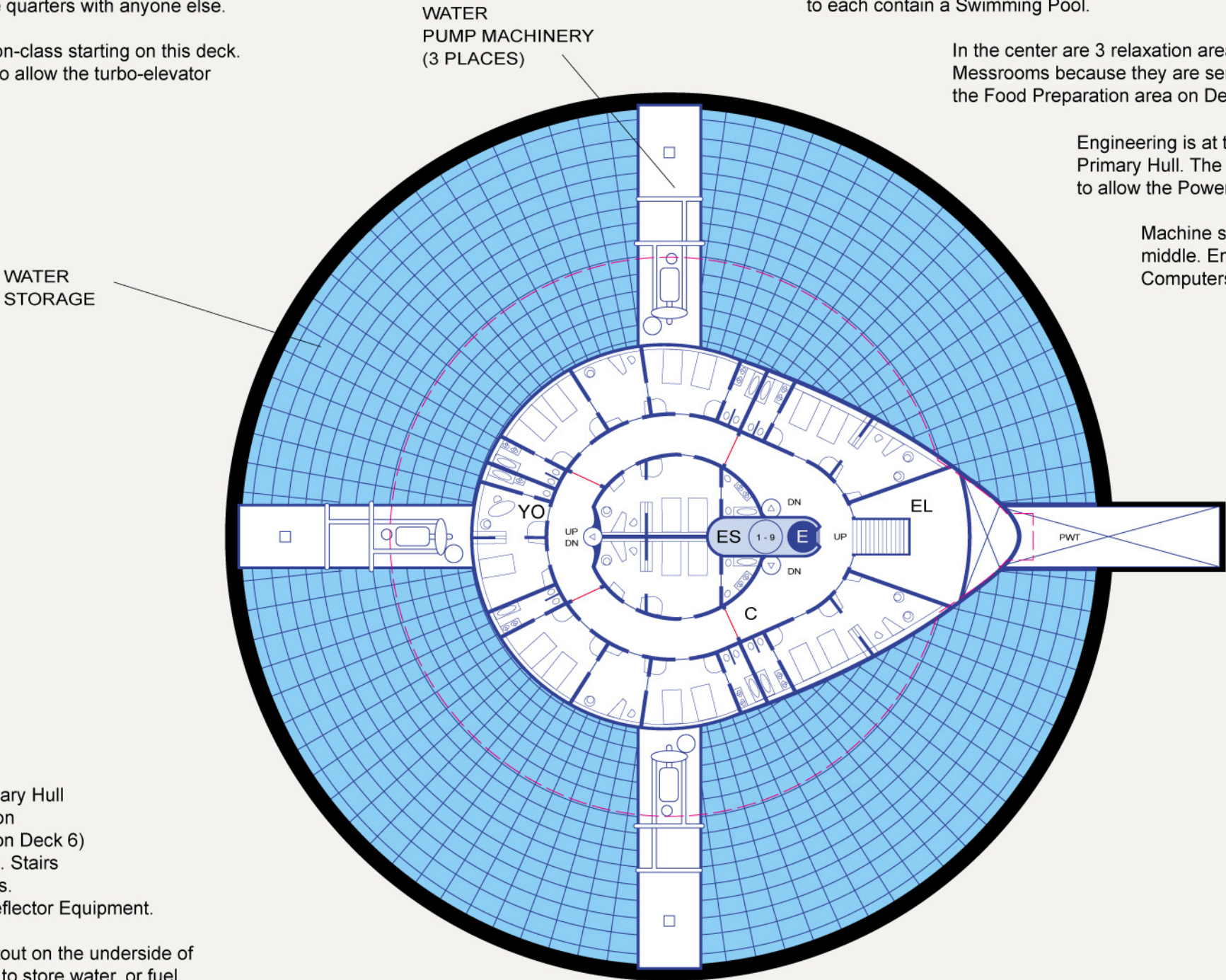
Over half of this deck is devoted to Crew Quarters, mostly reserved for troops and boarding parties. Extensions on either side of Engineering lead to the pontoons and Warp Engine pylons.

The windows around the edge of the Primary Hull governed the location of the two forward Recreation Rooms / Lounges. They have balconies (on Deck 6) which overlook the main level (on Deck 7). Stairs lead down from the balconies to each Lounge. The two aft Recreation Rooms were moved slightly and modified to each contain a Swimming Pool.

In the center are 3 relaxation areas. The one at the front is a Lounge. The other two are Messrooms because they are serviced by food dispensers which are directly connected to the Food Preparation area on Deck 8.

Engineering is at the rear, unmoved from its original location within the Primary Hull. The Impulse Engines were moved aft 11 feet (3.4 meters) to allow the Power Conduits to reach Engineering.

Machine shops are to port. Turbo-elevator maintenance is in the middle. Environmental Engineering is to starboard. The Engineering Computers are to port and starboard of Main Engineering.



DECK 7
The windows around the edge of the Primary Hull governed the location of the two Recreation Rooms / Lounges. They have balconies (on Deck 6) which overlook the main level (on Deck 7). Stairs lead up from each Lounge to the balconies. There are stairs at the bow, behind the Deflector Equipment.

The grey area represents the concave cutout on the underside of the Primary Hull. This area could be used to store water, or fuel, or air, or more general cargo. I leave the area grey (for the most part) so as to clearly set it apart from the rest of the deck. The Swimming Pool bottoms and Maintenance Machinery is in this area.

The 2 Main Landing Legs found on Constitution-class ships were deleted and a hatch was installed at each location.

The center of this Deck contains the ship's Main Computers. The machinery for the Food Conveyors is located aft of the Main Computers. The ring around the Computers contains Sickbay. Sickbay includes various labs, offices, and a post-surgery recovery area.

The ring around Sickbay contains the Armory, Briefing Room, Chapel, Brig, a few more offices, and airlocks leading to the 2 hatches.

Two Transporters (for 6 people) as well as two Emergency Transporters (for 22 people) are also located in this ring. Extensions on either side of Engineering lead to the pontoons.

Some Electronic Warfare Countermeasures Equipment was installed on this class of ship at the behest of the Andorians. The serendipity of their request was advantageous for Starfleet, especially considering the Four Years War began just a few short years after production of this class began.

DECK 4: JUNIOR OFFICERS' QUARTERS

In JOURNEY TO BABEL, over 100 diplomats were transported by the U.S.S. ENTERPRISE. In THIS SIDE OF PARADISE, over 150 colonists were transported off-planet by the ship.

Gene Roddenberry imagined a higher standard of living for everyone, even enlisted crew members. There are more than enough rooms and beds on the ship to accommodate diplomats, colonists, etc. It would only be in such situations that crew members might be asked to share quarters.