

The Bridge of the U.S.S. ENTERPRISE [TOS]

LAYOUT: DECK 1 (ORIGINAL BRIDGE) PAGE 1 of 4

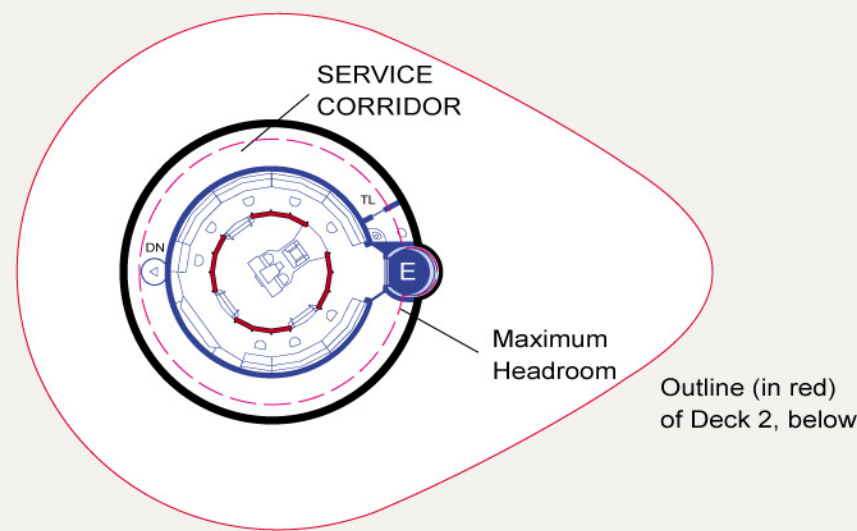
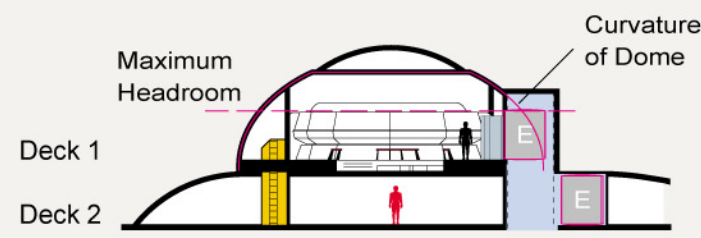
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DRAWN BY: Jim Botaitis

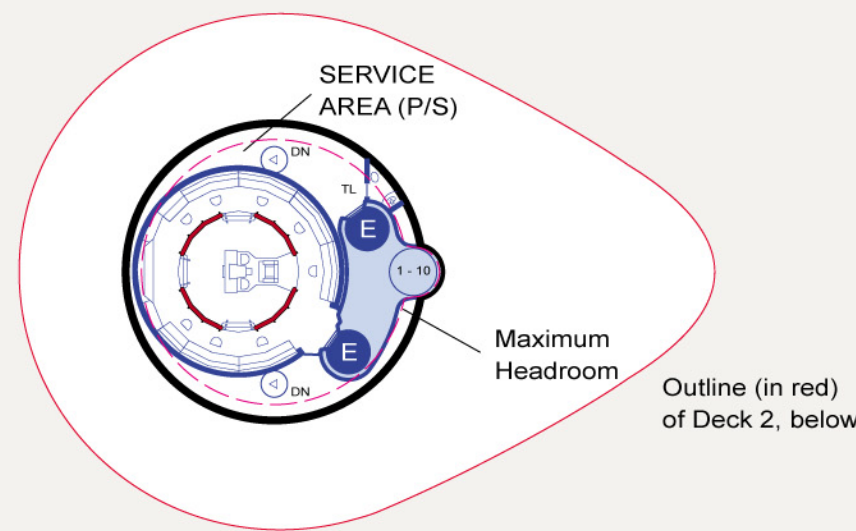
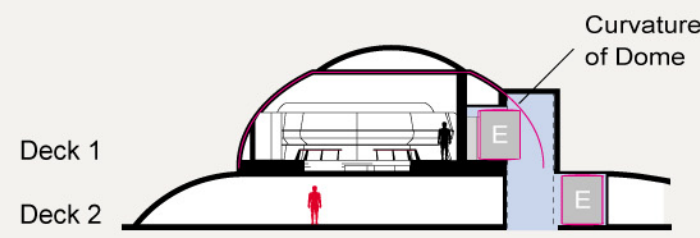
If printed 13 inches tall (from black-outlined edge to black-outlined edge) the scale of these drawings is 1/350.



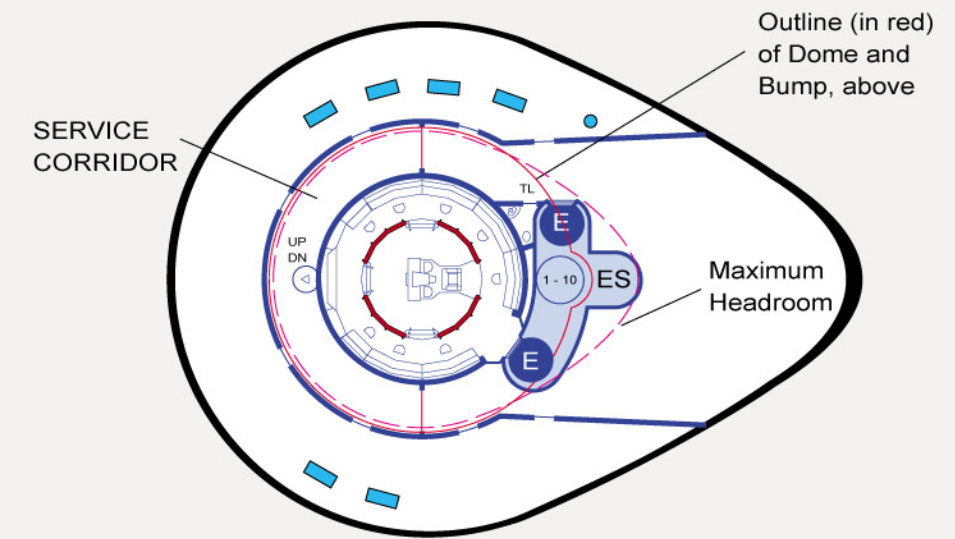
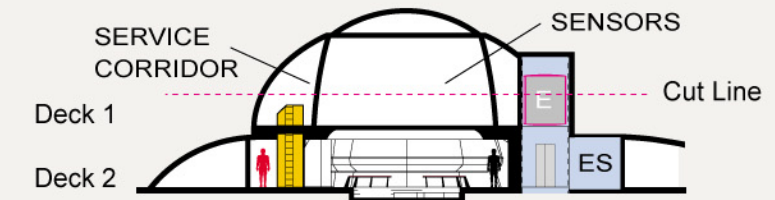
BRIDGE "A"



BRIDGE "B"



BRIDGE "C"



NOTES

BRIDGE A

The Bridge of the U.S.S. ENTERPRISE was intended to be under the dome on the studio model, as per the special effect in the first scene of THE CAGE. That original dome was taller. The bump aft of the dome was also taller. A turbo-elevator car easily fits inside the bump even if the recessed portion of the floor of the Bridge is completely above the ceiling of Deck 2. However, the curvature of the ceiling line of the dome does not allow a lateral turbo-elevator tube to fit behind the Bridge; the turbo-elevator car has to remain inside the bump. Therefore, the Bridge has to be rotated 36° counter-clockwise.

BRIDGE B

A forward-facing Bridge CAN fit but it has to be shifted toward the front. It is the only way a turbo-elevator car can fit under the curvature of the dome. This shift allows a lateral turbo-elevator tube - and even a spare turbo-elevator car - to fit behind the Bridge.

BRIDGE C

If the Bridge is lowered all the way to Deck 2 a lateral turbo-elevator tube and a spare turbo-elevator car both fit easily. But what of the dome? It could contain sensors and a service corridor . . . and now the Bridge is not as vulnerable, so all this might be a good thing.

In at least one episode, a character left the Bridge and a moment later another turbo-elevator car was available for another character to leave. Spare turbo-elevator cars must be stored somewhere close. Solution "A" does not have a spot for a spare turbo-elevator car nearby.

BRIDGE D

If the length of the ship is enlarged from 947 feet (288.6 meters) to 1341 feet (408.7 meters) everything fits well. I chose that length so as to be able to fit ceilings 10 feet (3.05 meters) high, because that is what we saw in each episode.

After THE CAGE, the dome and the bump were reduced in height. Material was removed from the bottom of the dome and the bottom of the bump. See "Cut Line" on BRIDGE C, top right. That changed the fit and orientation of everything, as shown on the next page.

BRIDGE "D"

