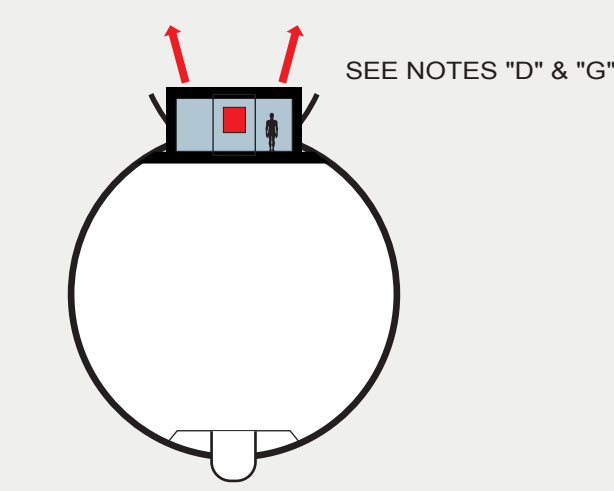
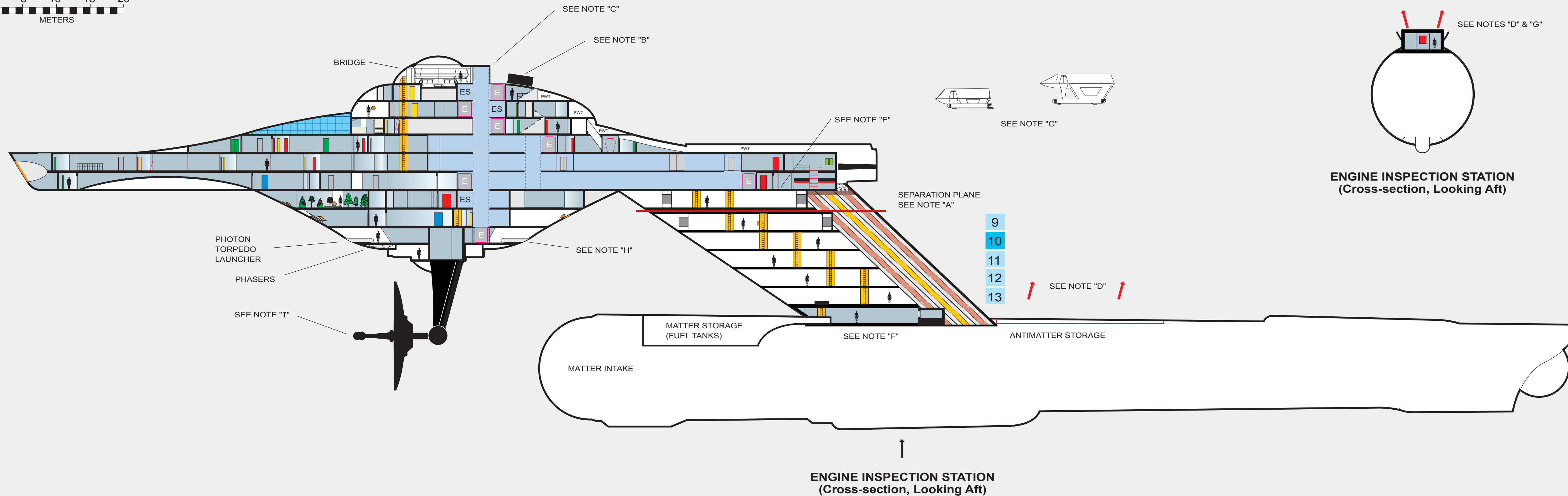




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ENGINE INSPECTION STATION
(Cross-section, Looking Aft)

ENGINE INSPECTION STATION
(Cross-section, Looking Aft)

NOTES

- A**
The location of the "Separation Plane" was determined by the spacing and thickness of the decks.
- B**
This is the "Emergency Crew Escape" hatch, to be used after the Primary Hull has detached from the Warp Engine and made an emergency landing.
- C**
The height of the bump behind the Bridge has been increased to allow a turbo-elevator to fit. See next page for more info.
- D**
Antimatter is created / stored in the engine nacelle. In an emergency, the red-outlined panel swings open and the antimatter is ejected up and to the rear.
- E**
The undercut on the Primary Hull affects Deck 7. However, the connection to the dorsal decks allows Deck 7 to be flat at this location. Therefore the floor in Warp Engineering will be flat, except along the left and right edge. This is shown on Deck 7 and discussed on Page 9.

- F**
Deck 14, the Matter-Antimatter Reaction Chamber, is heavily shielded and partly recessed within the Warp Engine nacelle.
- G**
The Shuttlecraft used here measure 28 feet (8.5 meters) in length, as suggested by the size of the interior set. The studio prop was 21 feet (6.4 meters) which was about 3/4 of the intended size. In one episode of STAR TREK, Captain Kirk mentioned the Shuttlecraft is 24 feet (7.3 meters) long.
- Special thanks to Dana E. Lubich for permission to display the Cargo Shuttle design which Dana developed 30 years ago.
- H**
Some ships of this class have rearward-firing Photon Torpedo Launchers installed in this location.
- I**
The Tractor Beam Emitter is built into the Main Sensor Dish.
- J**
These 3 pale gold-coloured recessed rings are part of the Tractor Beam system. See Page 11 for more information.

CUTAWAY SYMBOLS

	STRAIGHT WALL		DOORS
	CURVED WALL		ISOLATION DOORS
	CUTAWAY ALONG WALL		PRIVACY SCREENS
	INNER FACE OF HULL		RECTANGULAR LADDER ALCOVE
	CUTAWAY THROUGH DECK		ROUND LADDER ALCOVE
	CUTAWAY ACROSS WALL		STAIRS
	CUTAWAY THROUGH DOOR		RAILING
	TREE, SHRUB		JEFFERIES TUBE