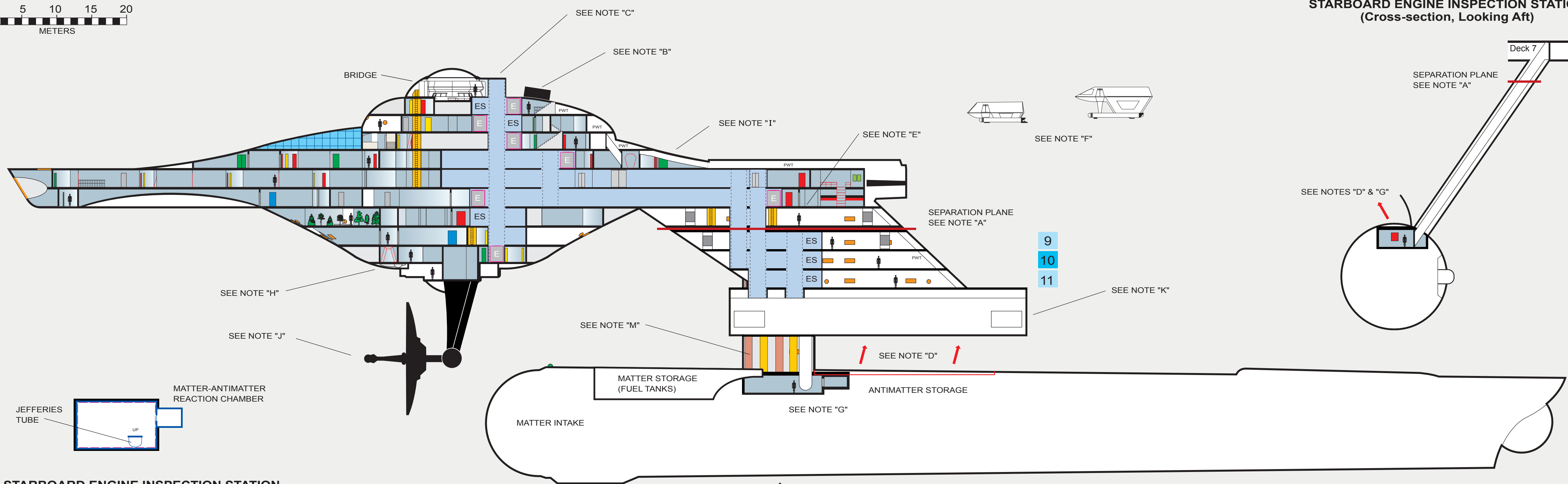
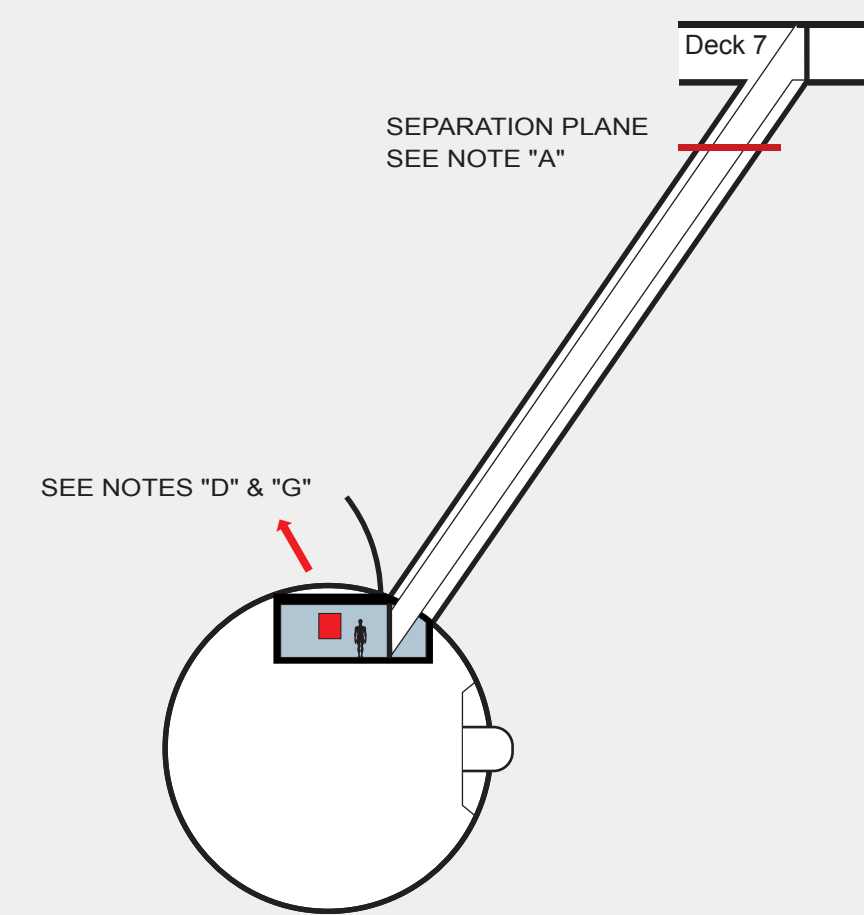




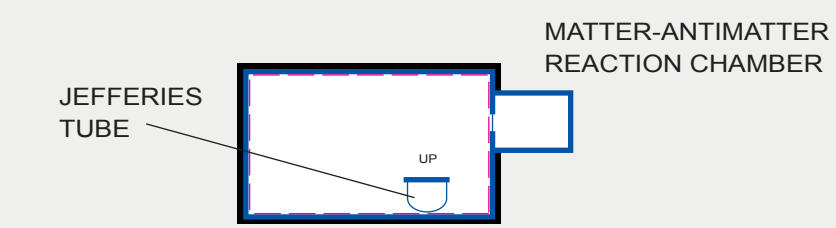
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STARBOARD ENGINE INSPECTION STATION
(Cross-section, Looking Aft)



STARBOARD ENGINE INSPECTION STATION
(Plan View)



STARBOARD 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. There is also a "Separation Plane" in each engine pylon.
 - 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 nacelles. In an emergency, the red-outlined panels swing 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 8.
 - F**
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.

- G**
The Matter-Antimatter Reaction Chamber is heavily shielded and partly recessed within the Warp Engine nacelle.
- H**
These Phasers cover the forward ventral quadrant.
- I**
Phasers at this location (not visible in this cutaway view) cover the rearward dorsal quadrant. See Page 4 for more information.
- J**
The Tractor Beam Emitter is built into the Main Sensor Dish.
- K**
The Docking Collar contains 3 more Tractor Beam Controllers. It also contains Docking Clamps, Magnetic Locks, Turbo-elevator connection points, and a Piping / Wiring Trunk connection point. See Page 10 for more information.
- L**
These 3 pale gold-coloured recessed rings are part of the Tractor Beam system. See Page 9 for more information.
- M**
The details in this pylon and engine would not normally be visible in such a cutaway. They are shown here for clarity.

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