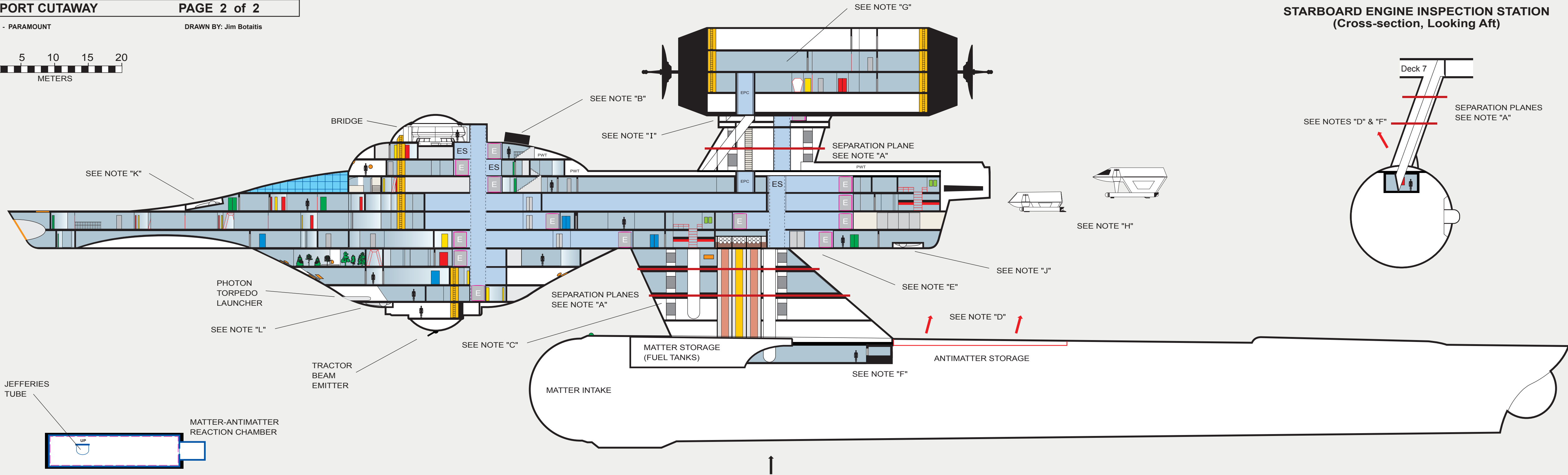




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STARBOARD ENGINE INSPECTION STATION  
(Plan View)

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

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

NOTES

- A**  
Two "Separation Planes" were installed in each engine pylon for extra safety. A Separation Plane also exists in the upper pylons.
- B**  
This is the "Emergency Crew Escape" hatch, to be used after the Primary Hull has made an emergency (hard) landing. The main Landing Legs were removed, so all landings are "hard".
- C**  
The details in this pylon and engine would not normally be visible in such a cutaway. They are shown here for clarity.
- 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 bottom of the Primary Hull affects Deck 7. However, the connection to the warp engine pylons required reinforcement, so Starfleet Engineers flattened the rear half of the deck. This will be shown on Page 7 and discussed on Page 9.
- F**  
The Matter-Antimatter Reaction Chamber is heavily shielded and partly recessed within the Warp Engine nacelle.
- G**  
The Tactical and Warfare Countermeasures Equipment is located in this pod, together with the Main Sensors and Deflector Equipment. Many combinations of sensors and weapons are possible. Some layouts will be shown and discussed on Page 12.

- H**  
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.
- I**  
One Heavy Phaser on each side fires forward and one on each side fires aft. The Heavy Phaser is an experimental weapon.
- J**  
These Phasers cover the aft ventral quadrant.
- K**  
These Phasers cover the forward dorsal quadrant. Phaser Control is also here.
- L**  
These Phasers cover the forward ventral quadrant.
- M**  
These 3 pale gold-coloured recessed rings are part of the Tractor Beam system. See Page 10 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            |