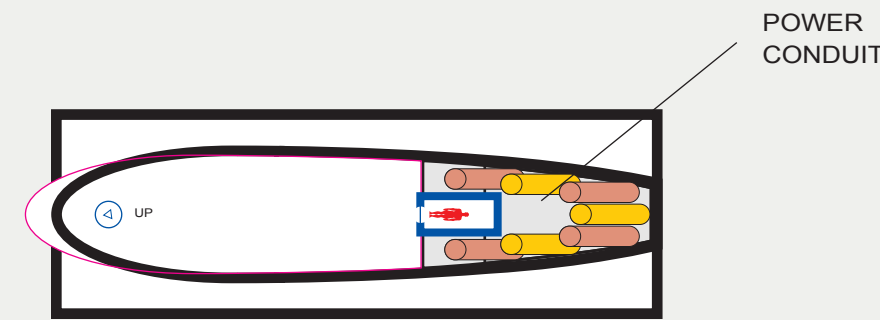


NOTES

DECK 14 DORSAL
The Matter-Antimatter Reaction Chamber is located here. The access hatch on Deck 13 is usually closed. This entire level is heavily shielded.



DECK 14: MATTER-ANTIMATTER REACTION CHAMBER

GENERAL NOTES

(continued from previous page)

That red rectangle on the engine nacelle could be an access hatch, or an "Emergency Jettison" hatch. Dialogue in various episodes corroborates the idea of disengaging, discarding, or jettisoning the warp engine nacelles. Dialogue also mentions ejecting the antimatter pod.

The idea of a "Warp Core" came along much later, when the U.S.S. ENTERPRISE was refit for the movies. Will Decker told Kirk, "This is an almost totally new ENTERPRISE." The idea of "ejecting a Warp Core" was introduced in STAR TREK THE NEXT GENERATION. Why try to "retcon" these concepts?

The huge pipes / conduits (visible through the grille behind Engineering) was a set built with forced perspective to suggest immense size. The angled pipes suggest they continue up the pylons. On this ship, the conduits are angled down, along the rear of the dorsal decks.

Regarding the antimatter:

CASE 1. Collect matter in the engine nacelles, send the matter to Engineering, mix it (in the habitable section of the ship) with antimatter (stored in the habitable section of the ship!), pass the energy through the Dilithium Crystals, then send the energy up to the engine nacelles to create the warp field.
CASE 2. Collect matter in the engine nacelles, mix it (in the engine nacelles) with antimatter (stored in the engine nacelles), send the energy to Engineering, pass the energy through the Dilithium Crystals, then send the energy up to the engine nacelles to create the warp field.

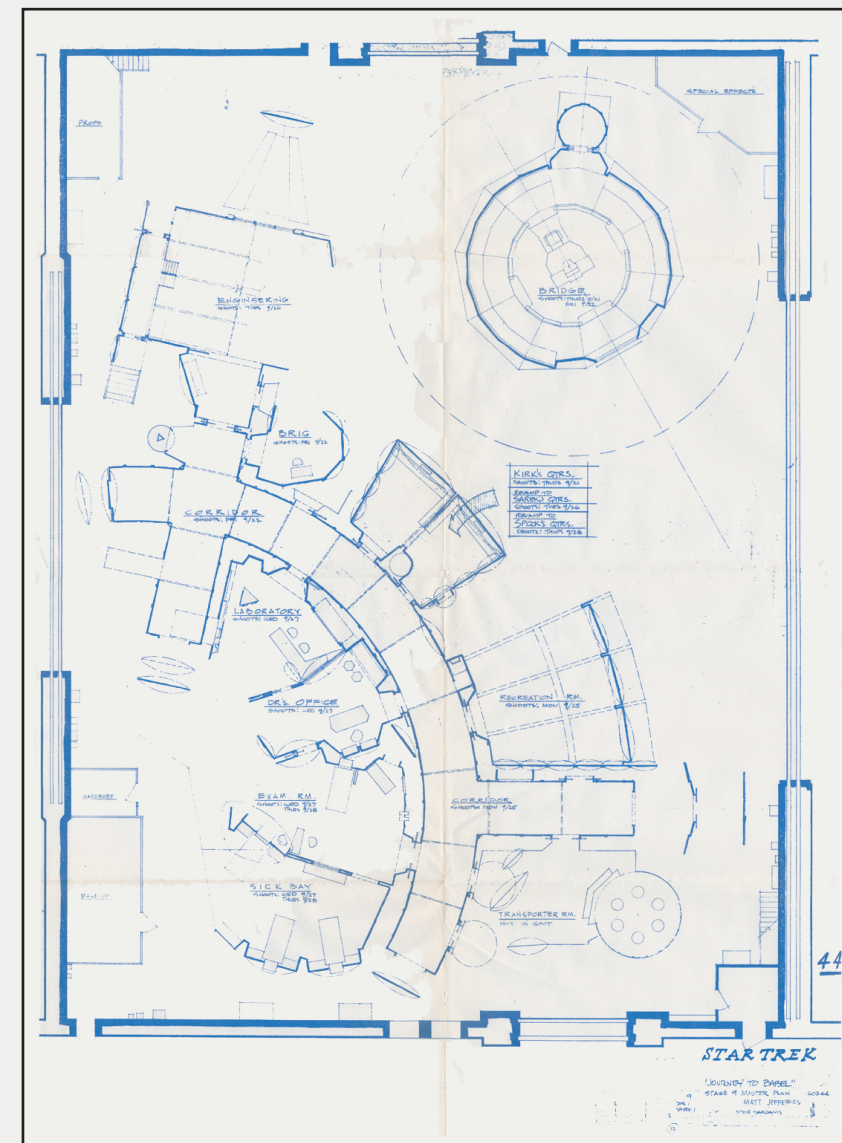
In both cases, energy is being transmitted. There is no need to move the fuel too (as in Case 1). Case 1 is unnecessarily complicated. Case 2 is simpler, and as a bonus, the antimatter is kept away from the habitable section of the ship (as Matt and Gene intended).

ABBREVIATIONS

- AL - AIRLOCK
- BL - BIO LAB
- C - CORRIDOR
- CE - CHIEF ENGINEER
- CMO - CHIEF MEDICAL OFFICER
- CN - CHIEF NURSE
- CNO - CHIEF NAVIGATOR'S OFFICE
- CO - COMMANDING OFFICER
- COO - COMMUNICATIONS OFFICER'S OFFICE
- CON - CONVALESCENT WARD
- CS - CHIEF OF SECURITY
- DC - DECOMPRESSION CHAMBER
- DN - DOWN
- DO - DENTIST'S OFFICE
- E - TURBO-ELEVATOR CAR
- EE - ENVIRONMENTAL ENGINEERING
- EL - ENVIRONMENTAL SUIT LOCKER
- EM - TURBO-ELEVATOR MAINTENANCE
- EMS - ENGINEERING MACHINE SHOPS
- EO - CHIEF ENGINEER'S OFFICE
- ES - ELEVATOR STANDBY / STORAGE
- FO - FIRST OFFICER
- IC - INSPECTION CORRIDOR
- LAB - LABORATORY
- LL - LANDING LEG
- LLM - LANDING LEG MACHINERY
- MN - DUTY NURSE
- MO - DOCTOR'S OFFICE
- MS - MEDICAL SUPPLIES
- OBS - OBSTETRICS
- OR - OPERATING ROOM
- P - PORT (LEFT)
- PLS - PLACES
- PO - PSYCHIATRIST'S OFFICE
- PWT - PIPING / WIRING TRUNK
- S - STARBOARD (RIGHT)
- SO - SECURITY OFFICE
- SCO - SECURITY CHIEF'S OFFICE
- ST - STORAGE
- TL - TOILET
- WR - WAITING ROOM
- XE - TRANSPORTER EQUIPMENT
- XR - TRANSPORTER ROOM

PLAN SYMBOLS

THE DESILU STAGE AT THE SAME SCALE



- | | | | | | |
|--|--|--|---|--|--|
| | CHAIRS | | MEDICAL DIAGNOSTIC BED | | TREE, SHRUB |
| | TABLES | | CONTROL CONSOLES | | FOUNTAIN |
| | DINING TABLE | | ISOLATION DOOR | | SANITARY WASTE RECOVERY SYSTEM |
| | SHOWER, TUB | | CIRCUIT BREAKERS | | MATERIAL FABRICATION / RECLAMATION MACHINERY |
| | DRESSERS | | COMPUTERS | | WATER PUMP MACHINERY |
| | BED | | WATER PRESSURE SYSTEM | | LAUNDRY UNIT |
| | ROOM PARTITIONS
- White circular grille
- Red hexagonal grille | | TOILET, SINK | | WATER PUMP MACHINERY |
| | TOILET, SINK | | LADDERS | | LAUNDRY UNIT |
| | LADDERS | | STAIRS, RAILING | | WATER PUMP MACHINERY |
| | WALL and DOOR | | AIR CONDITIONING EQUIPMENT | | LAUNDRY UNIT |
| | AIR CONDITIONING EQUIPMENT | | HULL THICKNESS AT FLOOR LEVEL
(Varies depending on hull curvature) | | STANDARD GASES |
| | BATTERIES | | INNER FACE OF HULL
(Used to show the undercut on Deck 7) | | |