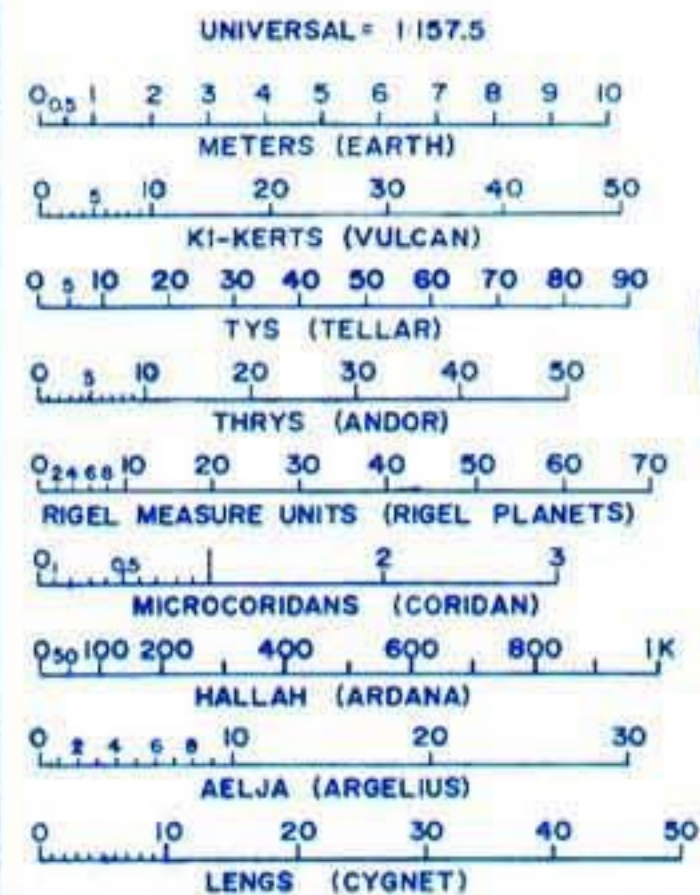


SCALES

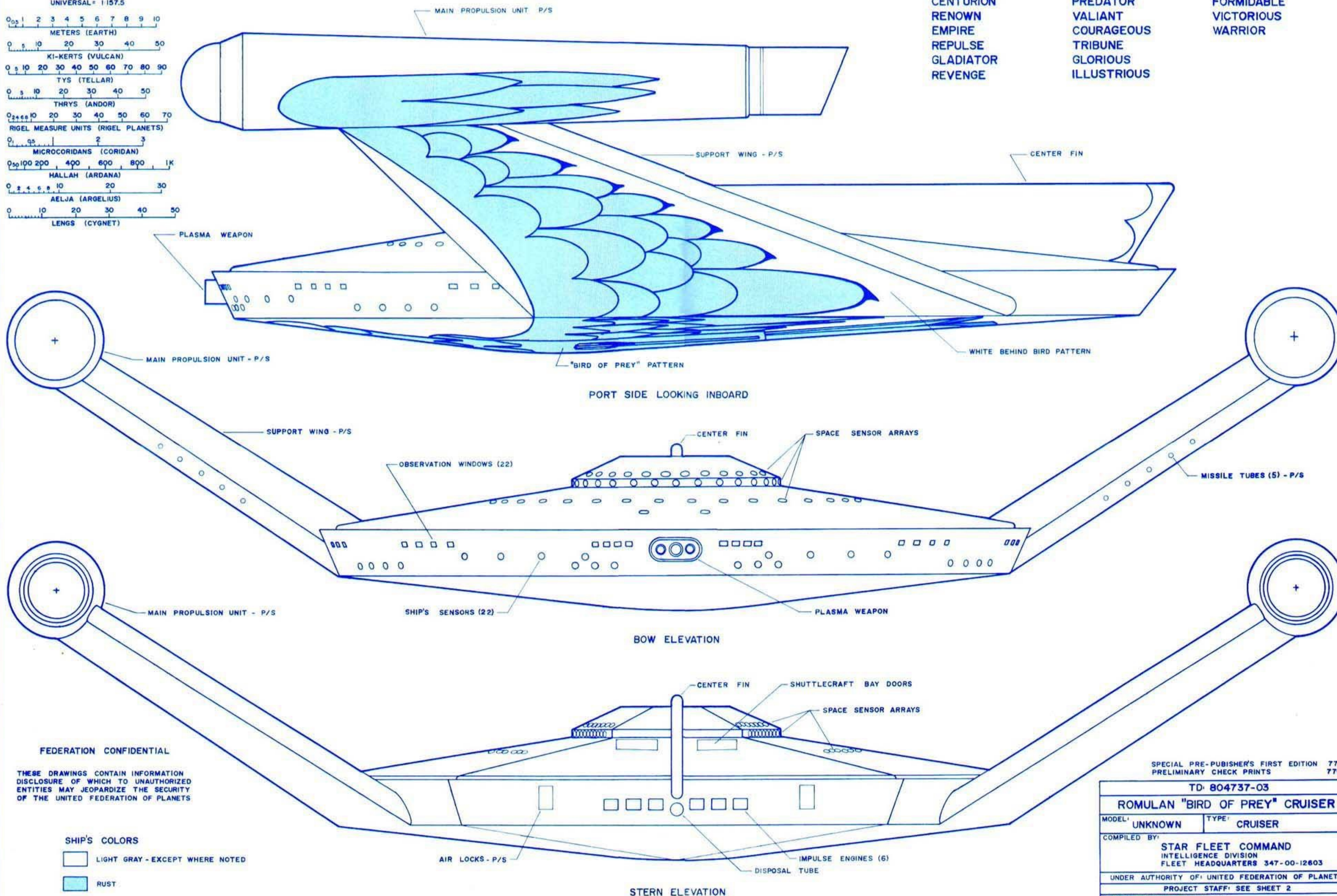


KNOWN CRUISERS

CENTURION
RENOWN
EMPIRE
REPULSE
GLADIATOR
REVENGE

PREDATOR
VALIANT
COURAGEOUS
TRIBUNE
GLORIOUS
ILLUSTRIOUS

FORMIDABLE
VICTORIOUS
WARRIOR



FEDERATION CONFIDENTIAL

THESE DRAWINGS CONTAIN INFORMATION DISCLOSURE OF WHICH TO UNAUTHORIZED ENTITIES MAY JEOPARDIZE THE SECURITY OF THE UNITED FEDERATION OF PLANETS

SHIP'S COLORS

- LIGHT GRAY - EXCEPT WHERE NOTED
- RUST
- BLOOD

SPECIAL PRE-PUBISHER'S FIRST EDITION 7708.1
PRELIMINARY CHECK PRINTS 7707.8

TD: 804737-03

ROMULAN "BIRD OF PREY" CRUISER

MODEL: UNKNOWN TYPE: CRUISER

COMPILED BY:
STAR FLEET COMMAND
INTELLIGENCE DIVISION
FLEET HEADQUARTERS 347-00-12603

UNDER AUTHORITY OF: UNITED FEDERATION OF PLANETS
PROJECT STAFF: SEE SHEET 2

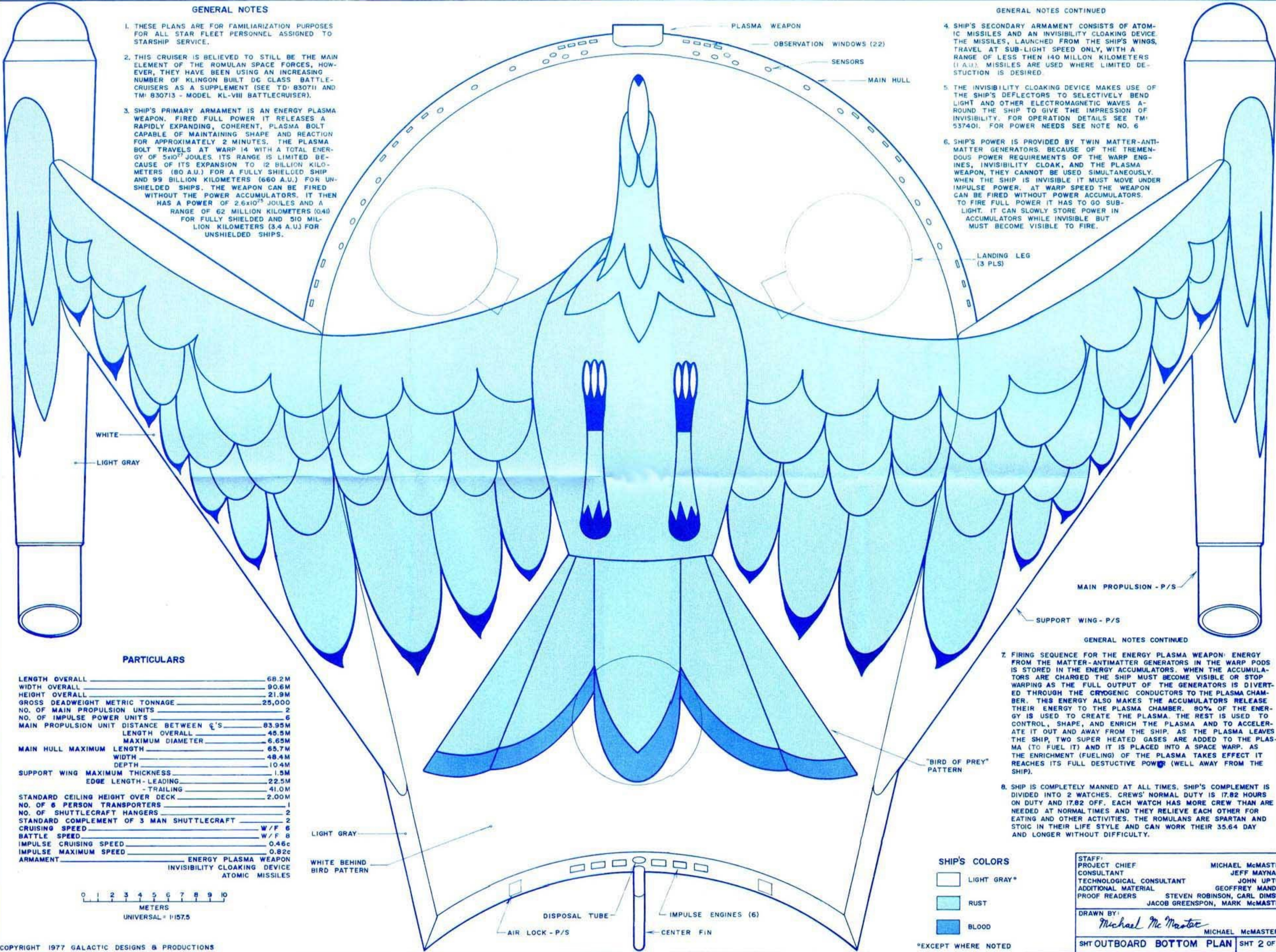
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GENERAL NOTES

1. THESE PLANS ARE FOR FAMILIARIZATION PURPOSES FOR ALL STAR FLEET PERSONNEL ASSIGNED TO STARSHIP SERVICE.
2. THIS CRUISER IS BELIEVED TO STILL BE THE MAIN ELEMENT OF THE ROMULAN SPACE FORCES, HOWEVER, THEY HAVE BEEN USING AN INCREASING NUMBER OF KLINGON BUILT DC CLASS BATTLECRUISERS AS A SUPPLEMENT (SEE TD-8307II AND TM-8307I3 - MODEL KL-VIII BATTLECRUISER).
3. SHIP'S PRIMARY ARMAMENT IS AN ENERGY PLASMA WEAPON. FIRED FULL POWER IT RELEASES A RAPIDLY EXPANDING, COHERENT, PLASMA BOLT CAPABLE OF MAINTAINING SHAPE AND REACTION FOR APPROXIMATELY 2 MINUTES. THE PLASMA BOLT TRAVELS AT WARP 14 WITH A TOTAL ENERGY OF 5×10^{27} JOULES. ITS RANGE IS LIMITED BECAUSE OF ITS EXPANSION TO 12 BILLION KILOMETERS (80 A.U.) FOR A FULLY SHIELDED SHIP AND 99 BILLION KILOMETERS (660 A.U.) FOR UNSHIELDED SHIPS. THE WEAPON CAN BE FIRED WITHOUT THE POWER ACCUMULATORS. IT THEN HAS A POWER OF 2.6×10^{25} JOULES AND A RANGE OF 62 MILLION KILOMETERS (0.41) FOR FULLY SHIELDED AND 510 MILLION KILOMETERS (3.4 A.U.) FOR UNSHIELDED SHIPS.

GENERAL NOTES CONTINUED

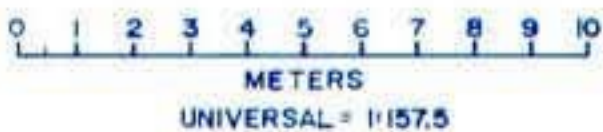
4. SHIP'S SECONDARY ARMAMENT CONSISTS OF ATOMIC MISSILES AND AN INVISIBILITY CLOAKING DEVICE. THE MISSILES, LAUNCHED FROM THE SHIP'S WINGS, TRAVEL AT SUB-LIGHT SPEED ONLY, WITH A RANGE OF LESS THAN 140 MILLION KILOMETERS (1 A.U.). MISSILES ARE USED WHERE LIMITED DESTRUCTION IS DESIRED.
5. THE INVISIBILITY CLOAKING DEVICE MAKES USE OF THE SHIP'S DEFLECTORS TO SELECTIVELY BEND LIGHT AND OTHER ELECTROMAGNETIC WAVES AROUND THE SHIP TO GIVE THE IMPRESSION OF INVISIBILITY. FOR OPERATION DETAILS SEE TM-537401. FOR POWER NEEDS SEE NOTE NO. 6
6. SHIP'S POWER IS PROVIDED BY TWIN MATTER-ANTI-MATTER GENERATORS. BECAUSE OF THE TREMENDOUS POWER REQUIREMENTS OF THE WARP ENGINES, INVISIBILITY CLOAK, AND THE PLASMA WEAPON, THEY CANNOT BE USED SIMULTANEOUSLY. WHEN THE SHIP IS INVISIBLE IT MUST MOVE UNDER IMPULSE POWER. AT WARP SPEED THE WEAPON CAN BE FIRED WITHOUT POWER ACCUMULATORS. TO FIRE FULL POWER IT HAS TO GO SUB-LIGHT. IT CAN SLOWLY STORE POWER IN ACCUMULATORS WHILE INVISIBLE BUT MUST BECOME VISIBLE TO FIRE.



WHITE
LIGHT GRAY

PARTICULARS

LENGTH OVERALL	68.2M
WIDTH OVERALL	90.6M
HEIGHT OVERALL	21.9M
GROSS DEADWEIGHT METRIC TONNAGE	25,000
NO. OF MAIN PROPULSION UNITS	2
NO. OF IMPULSE POWER UNITS	6
MAIN PROPULSION UNIT DISTANCE BETWEEN C'S	83.95M
LENGTH OVERALL	48.5M
MAXIMUM DIAMETER	6.65M
MAIN HULL MAXIMUM LENGTH	65.7M
WIDTH	48.4M
DEPTH	10.4M
SUPPORT WING MAXIMUM THICKNESS	1.5M
EDGE LENGTH - LEADING	22.5M
- TRAILING	41.0M
STANDARD CEILING HEIGHT OVER DECK	2.00M
NO. OF 6 PERSON TRANSPORTERS	1
NO. OF SHUTTLECRAFT HANGERS	2
STANDARD COMPLEMENT OF 3 MAN SHUTTLECRAFT	2
CRUISING SPEED	W/F 6
BATTLE SPEED	W/F 8
IMPULSE CRUISING SPEED	0.46c
IMPULSE MAXIMUM SPEED	0.82c
ARMAMENT	ENERGY PLASMA WEAPON INVISIBILITY CLOAKING DEVICE ATOMIC MISSILES



LIGHT GRAY
WHITE BEHIND BIRD PATTERN

"BIRD OF PREY" PATTERN

SHIP'S COLORS

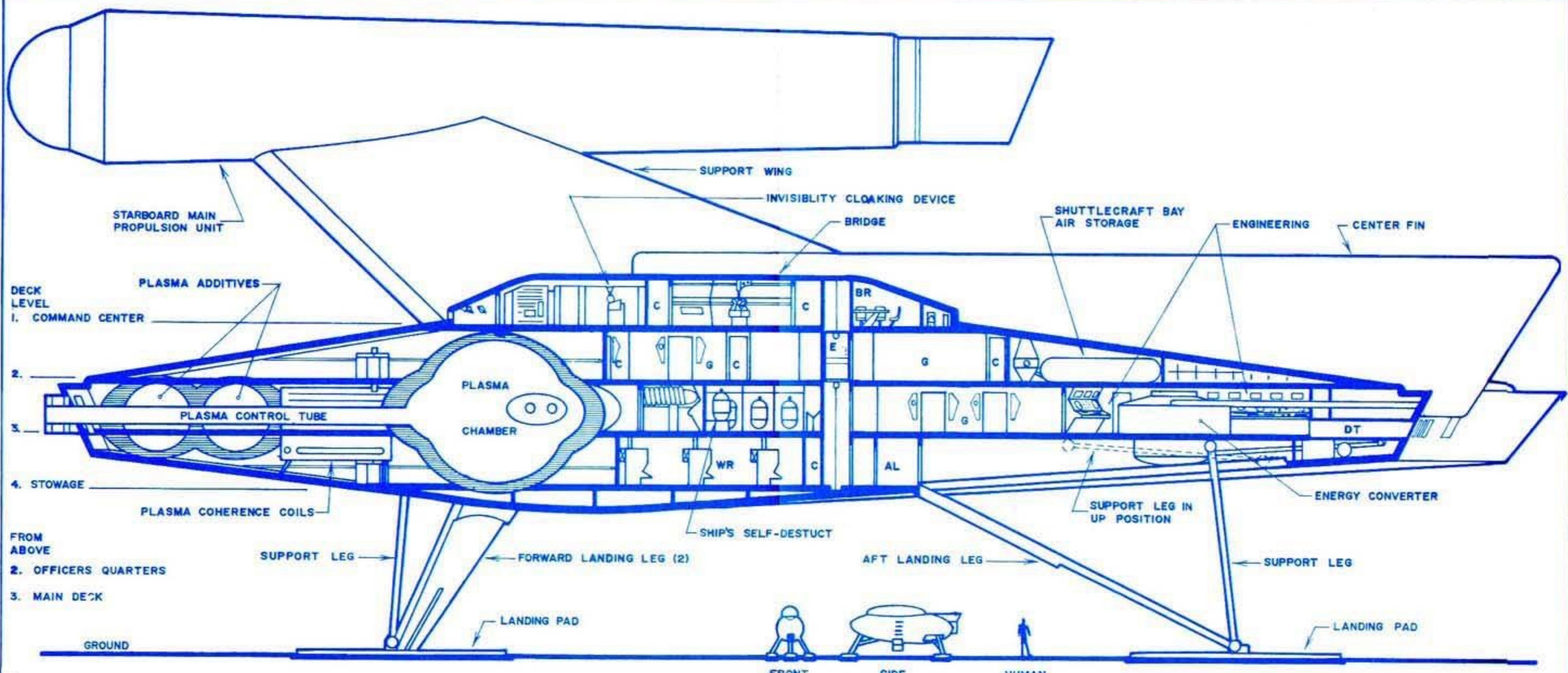
	LIGHT GRAY*
	RUST
	BLOOD

*EXCEPT WHERE NOTED

GENERAL NOTES CONTINUED

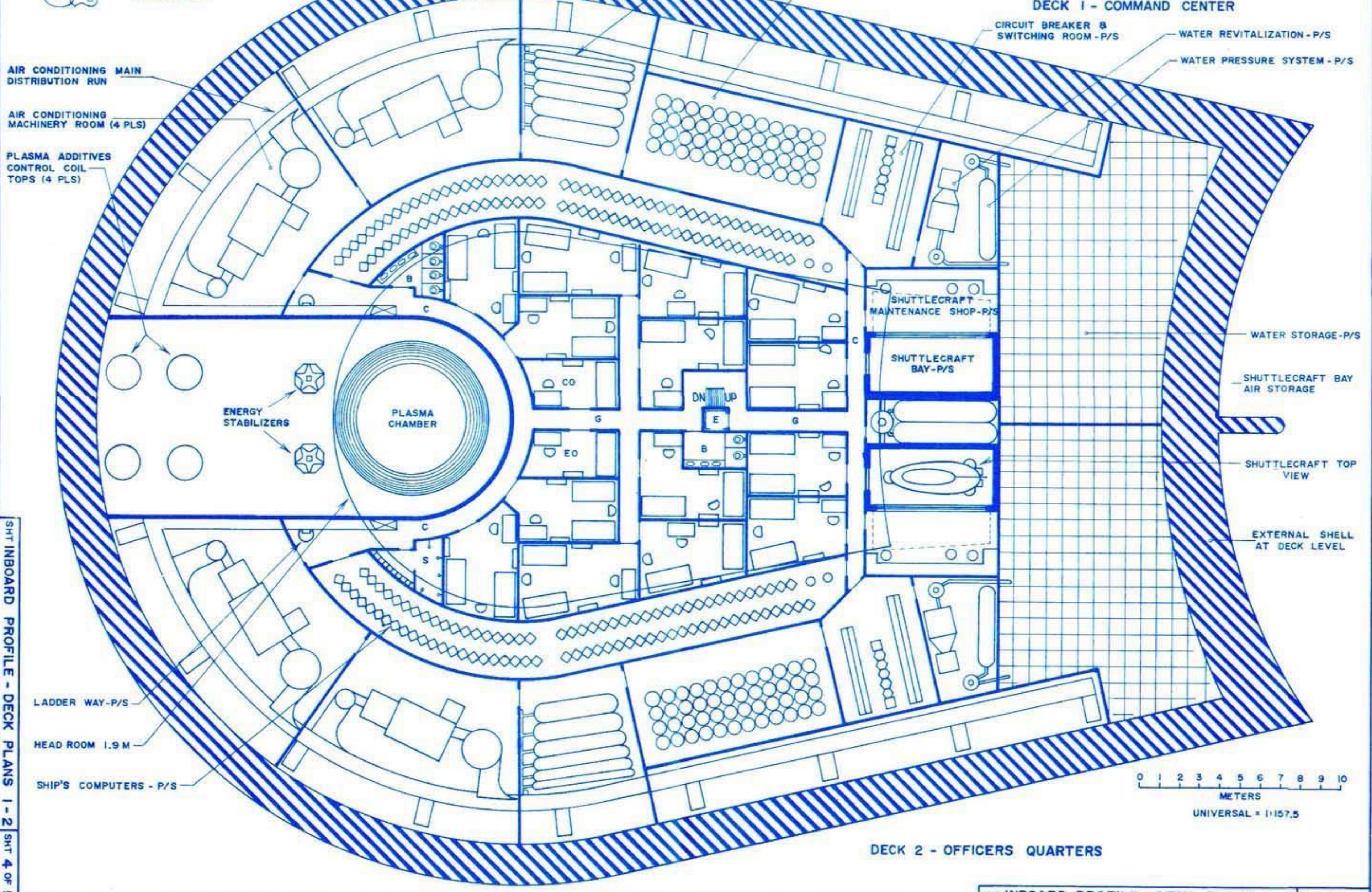
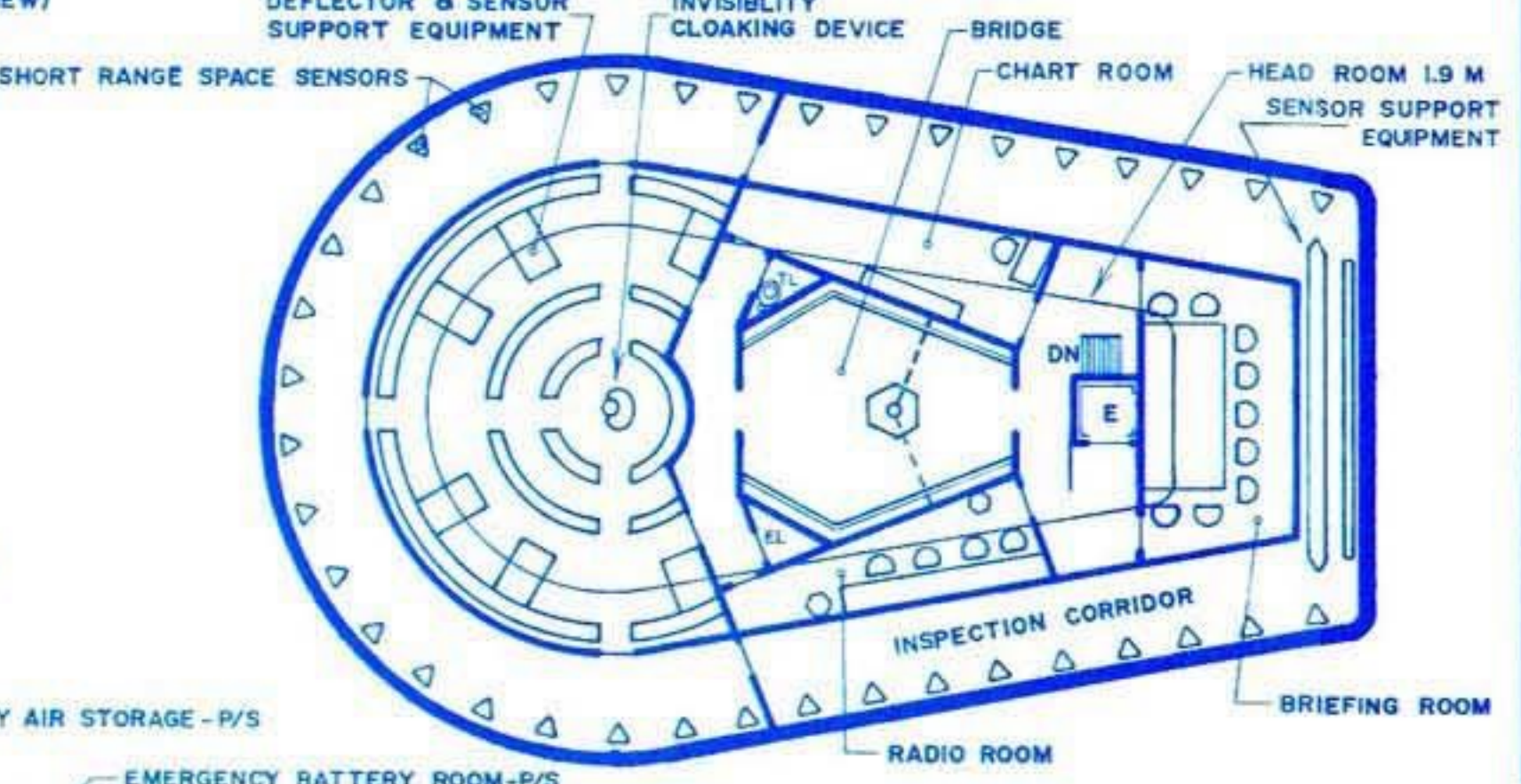
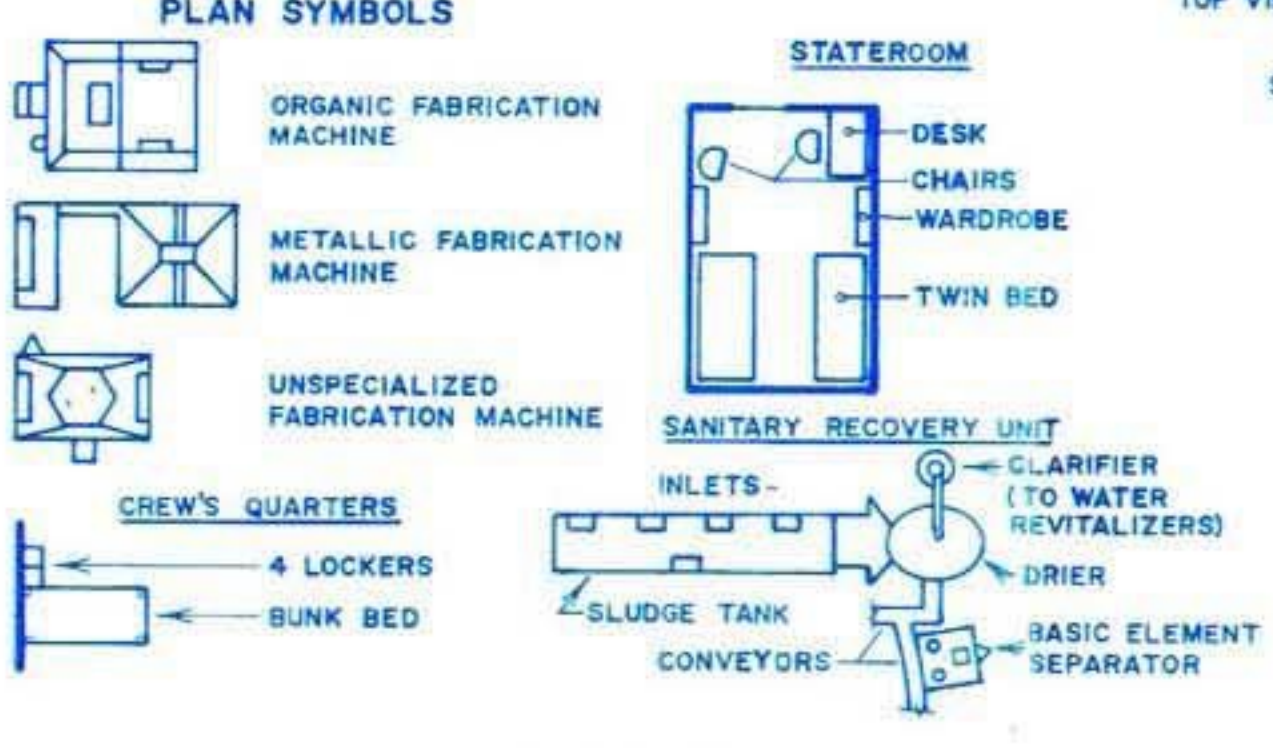
7. FIRING SEQUENCE FOR THE ENERGY PLASMA WEAPON: ENERGY FROM THE MATTER-ANTIMATTER GENERATORS IN THE WARP PODS IS STORED IN THE ENERGY ACCUMULATORS. WHEN THE ACCUMULATORS ARE CHARGED THE SHIP MUST BECOME VISIBLE OR STOP WARPING AS THE FULL OUTPUT OF THE GENERATORS IS DIVERTED THROUGH THE CRYOGENIC CONDUCTORS TO THE PLASMA CHAMBER. THIS ENERGY ALSO MAKES THE ACCUMULATORS RELEASE THEIR ENERGY TO THE PLASMA CHAMBER. 90% OF THE ENERGY IS USED TO CREATE THE PLASMA. THE REST IS USED TO CONTROL, SHAPE, AND ENRICH THE PLASMA AND TO ACCELERATE IT OUT AND AWAY FROM THE SHIP. AS THE PLASMA LEAVES THE SHIP, TWO SUPER HEATED GASES ARE ADDED TO THE PLASMA (TO FUEL IT) AND IT IS PLACED INTO A SPACE WARP. AS THE ENRICHMENT (FUELING) OF THE PLASMA TAKES EFFECT IT REACHES ITS FULL DESTRUCTIVE POWER (WELL AWAY FROM THE SHIP).
8. SHIP IS COMPLETELY MANNED AT ALL TIMES. SHIP'S COMPLEMENT IS DIVIDED INTO 2 WATCHES. CREWS' NORMAL DUTY IS 17.82 HOURS ON DUTY AND 17.82 OFF. EACH WATCH HAS MORE CREW THAN ARE NEEDED AT NORMAL TIMES AND THEY RELIEVE EACH OTHER FOR EATING AND OTHER ACTIVITIES. THE ROMULANS ARE SPARTAN AND STOIC IN THEIR LIFE STYLE AND CAN WORK THEIR 35.64 DAY AND LONGER WITHOUT DIFFICULTY.

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DRAWN BY:	<i>Michael McMaster</i>
	MICHAEL McMASTER
SHT OUTBOARD BOTTOM PLAN SHT 2 OF 5	

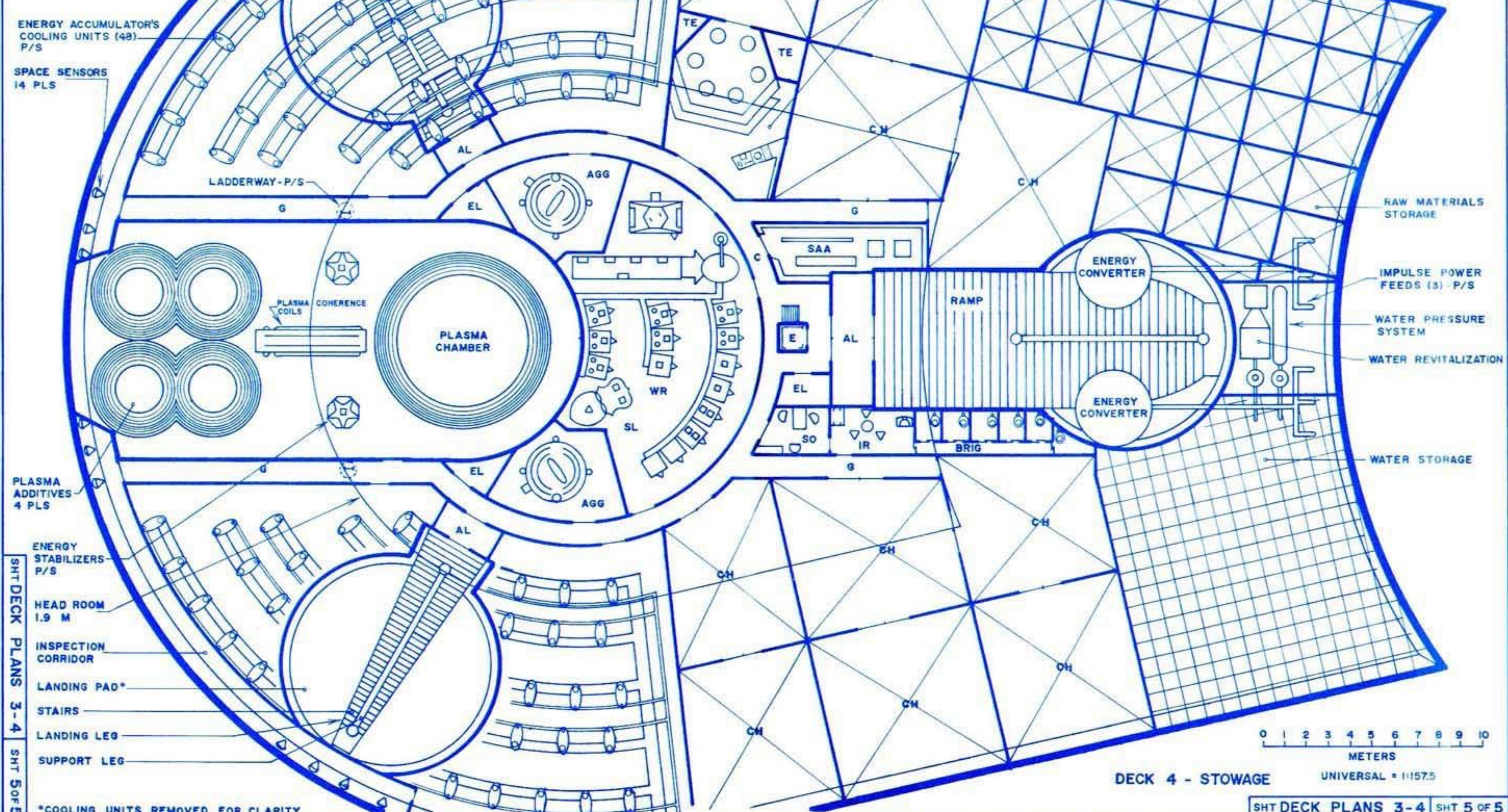
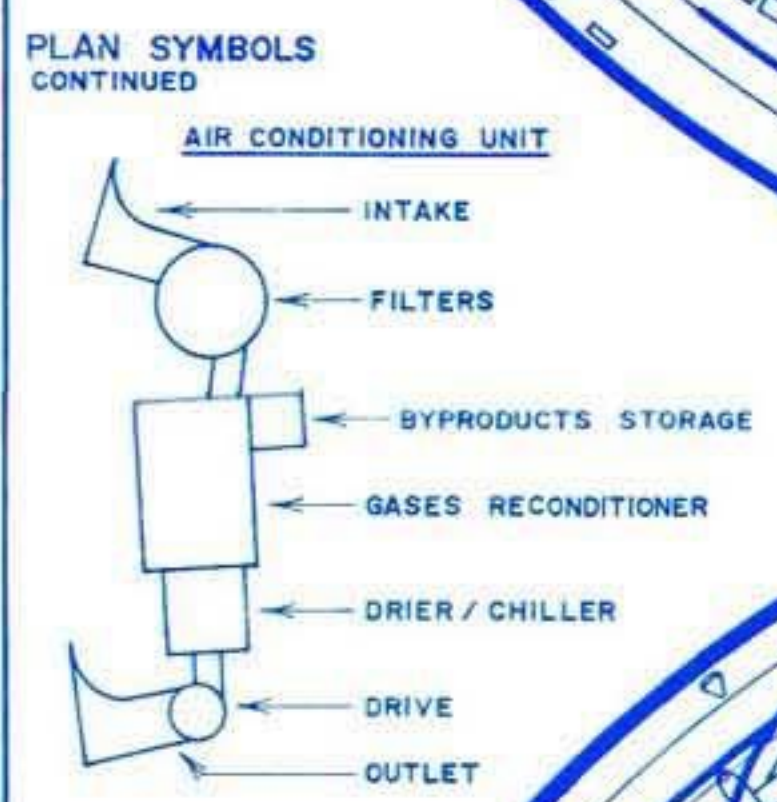
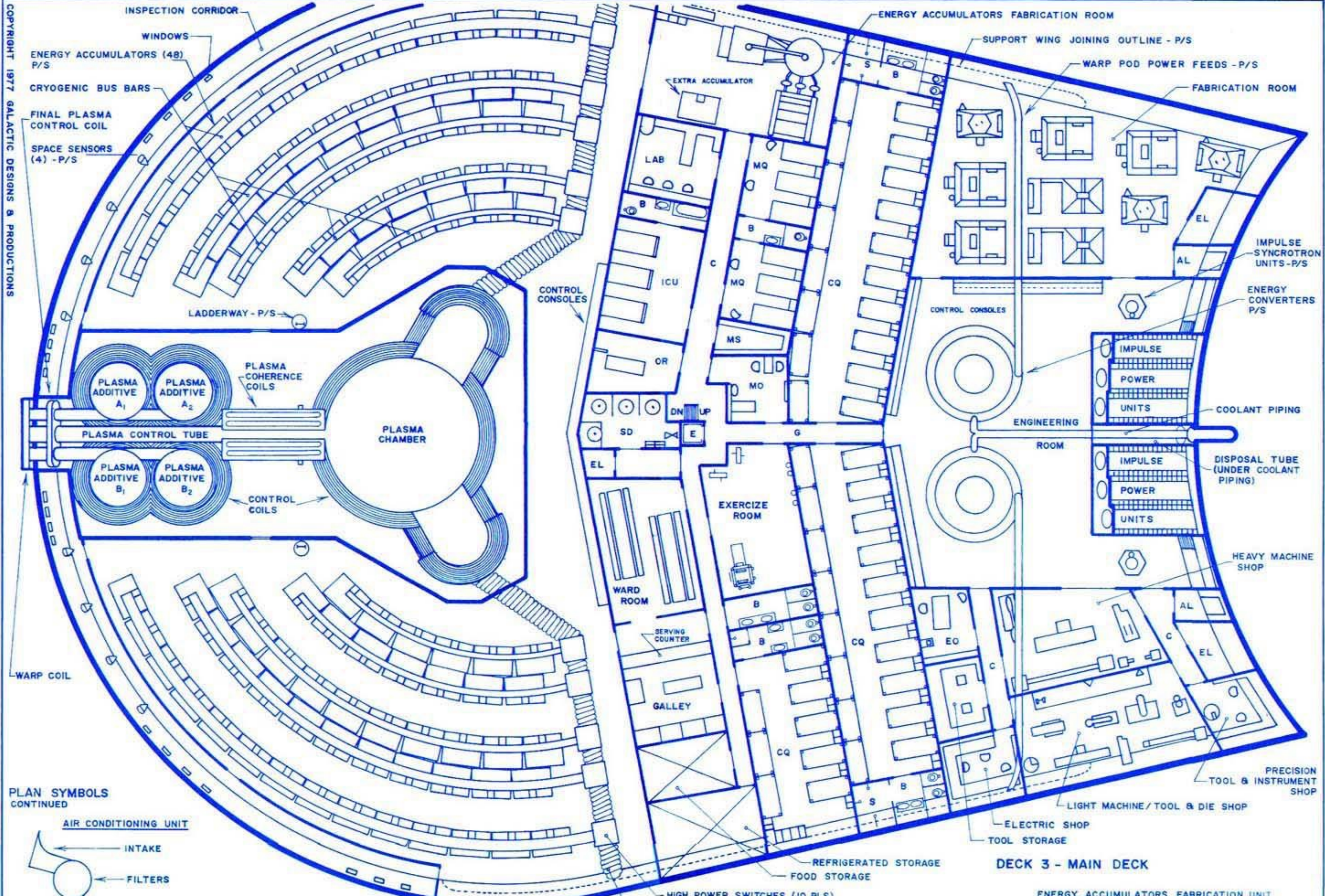


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- PLAN SYMBOLS**
- TYPICAL CHAIRS
 - TYPICAL DOOR
 - TABLE & BENCHES
 - UNIVERSAL EXERCISE MACHINE
 - GANGWAY
 - INTERROGATION APPARATUS
 - LADDERWAY
 - BODY WASTE UNIT
 - ENERGY ACCUMULATOR
 - LAUNDRY UNIT



SHT INBOARD PROFILE - DECK PLANS 1-2 SHT 4 OF 5



*COOLING UNITS REMOVED FOR CLARITY