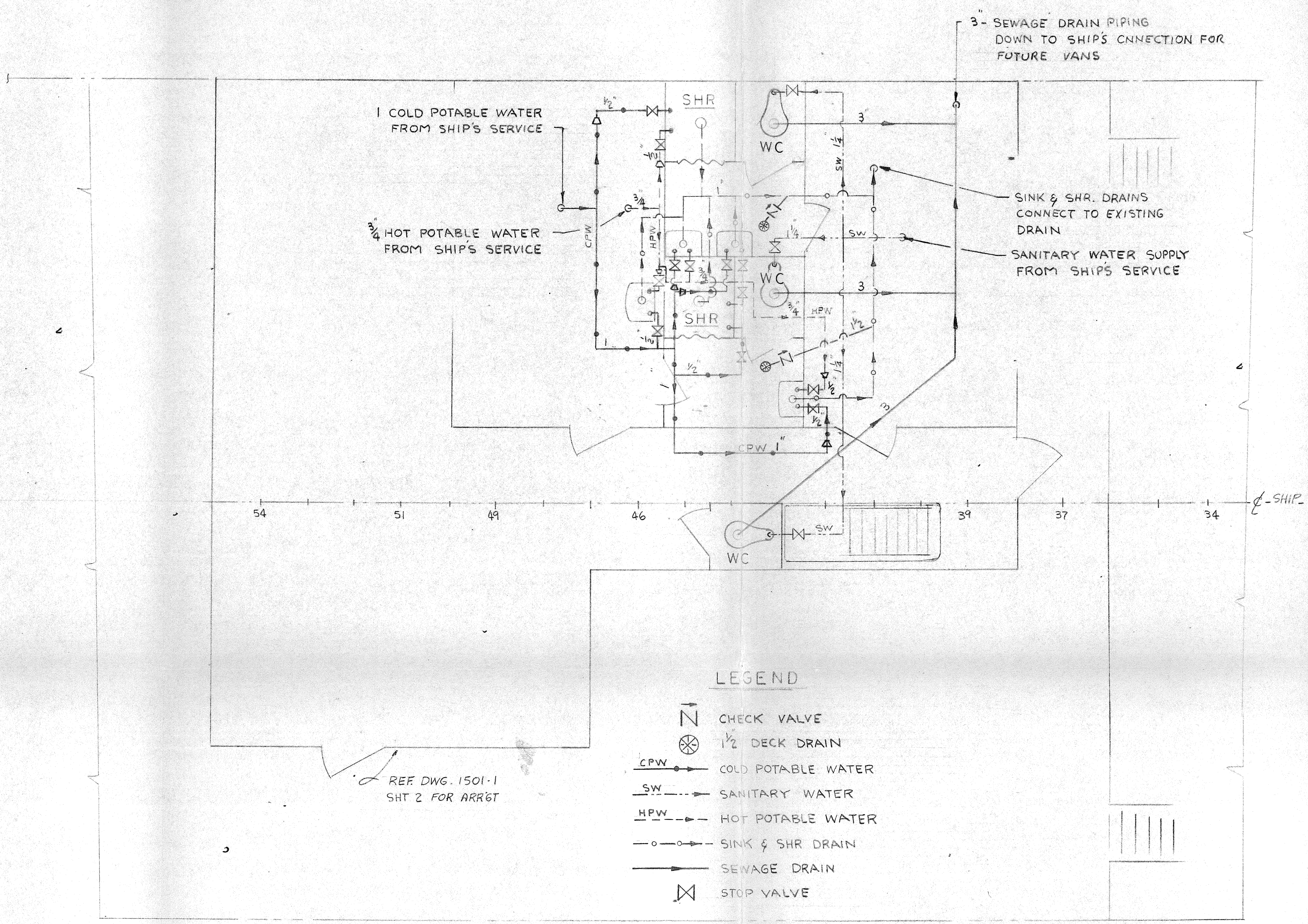
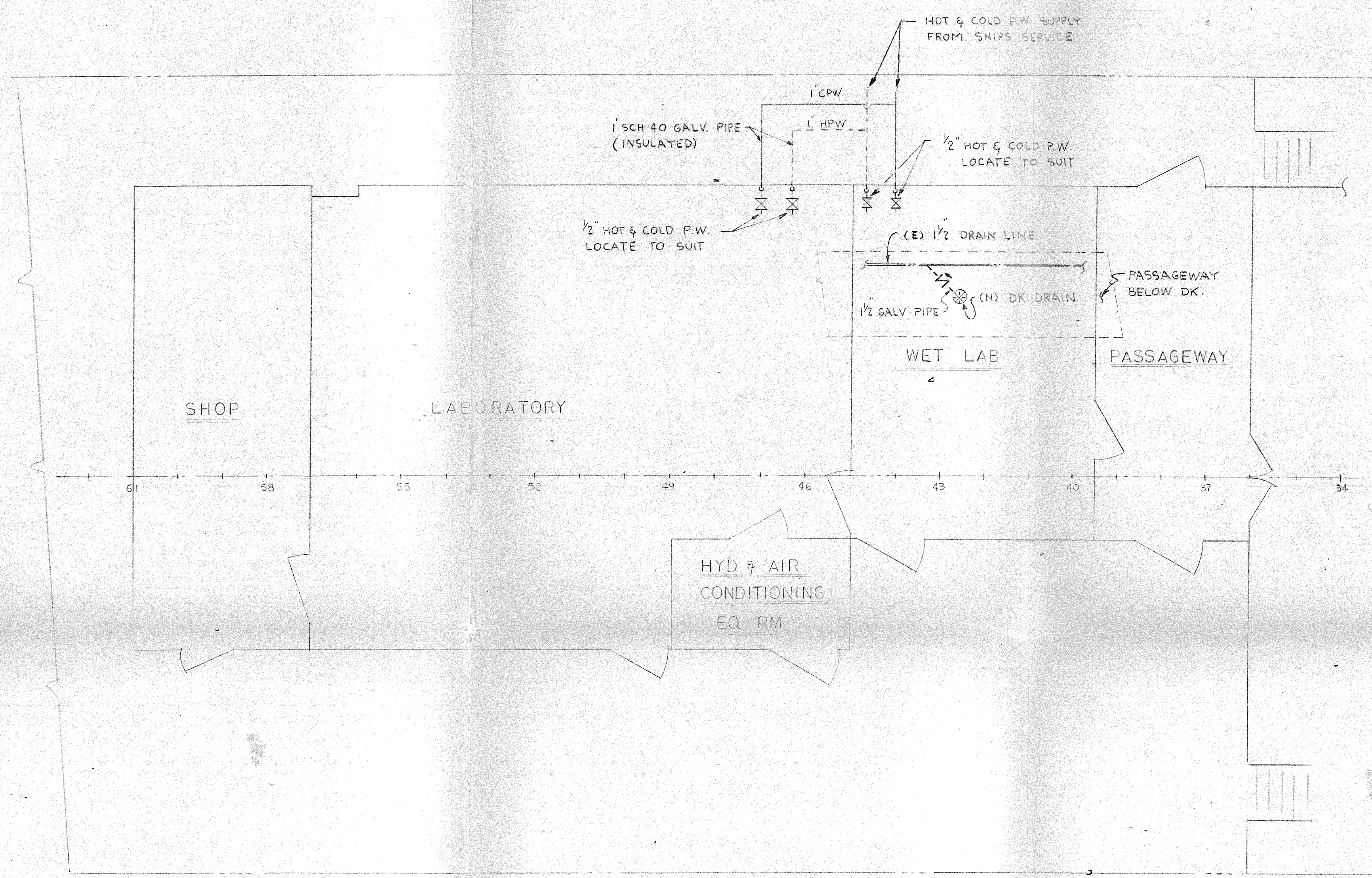

3" SEWAGE DRAIN PIPING DOWN TO SHIP'S CNNECTION FOR FUTURE VANS
1 COLD POTABLE WATER FROM SHIP'S SERVICE
3/4" HOT POTABLE WATER FROM SHIPS SERVICE
SINK & SHR. DRAINS CONNECT TO EXISTING DRAIN
SANITARY WATER SUPPLY FROM SHIPS SERVICE
SHR
WC
SHR
WC
WC
CPW
HPW
SW
3"
3
1"
1/2"
3/4
1 1/4
CPW 1"
SW
34
37
39
46
49
51
54
℄ SHIP
REF DWG. 1501-1 SHT 2 FOR ARR'GT
LEGEND
CHECK VALVE
1 1/2 DECK DRAIN
CPW COLD POTABLE WATER
SW SANITARY WATER
HPW HOT POTABLE WATER
SINK & SHR DRAIN
SEWAGE DRAIN
STOP VALVE

PLAN AT SECOND DECK


HOT & COLD P.W. SUPPLY FROM SHIPS SERVICE
1" CPW
1" HPW
1" SCH 40 GALV. PIPE (INSULATED)
1/2" HOT & COLD P.W. LOCATE TO SUIT
1/2" HOT & COLD P.W. LOCATE TO SUIT
(E) 1 1/2" DRAIN LINE
1 1/2" GALV PIPE
(N) DK DRAIN
PASSAGEWAY BELOW DK.
WET LAB
PASSAGEWAY
SHOP
LABORATORY
HYD & AIR CONDITIONING EQ. RM.
61
58
55
52
49
46
43
40
37
34
℄ SHIP

PLAN AT MAIN DECK

ALTERATIONS

MARK	DESCRIPTION	DATE	APP.

REFERENCE PLANS

NAVSHIPS NO	DWG. NO.	TITLE
	1501-1	SHT 1 DECK HOUSE ADDITIONS
	1501-1	SHT 2 DECK HOUSE ADDITIONS
AGOR-21 509-505	P-3	POTABLE & SANITARY WATER PIPING
505-508	P-5	SEWAGE SYSTEM OVERBOARD DISCHARGES & DECK DRAINS

GENERAL NOTES

1. ALL HOT, COLD & SANITARY WATER PIPING TO BE CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE SUITABLE FOR HOT & COLD SERVICE (USE CPVC SOLVENT CEMENT & PRIMER).
2. ALL PIPING TO RUN TO EXISTING DECK CONNECTIONS FOR FUTURE VANS.
3. ALL SANITARY WATER DRAINS TO BE ACRYLONITRILE BUTADIENE-STYRENE (ABS) PIPE (USE ABS SOLVENT CEMENT).
4. ALL FITTINGS FOR HOT, COLD & SANITARY WATER PIPING TO BE (C.P.V.C.)
5. ALL FITTINGS FOR SANITARY WATER DRAINS TO BE (ABS).
6. ALL PIPING IN QUARTERS, MESS AND GALLEY, PUBLIC SPACES AND NAVIGATING SPACES SHALL BE CONCEALED.
7. ALL PIPING AND VALVES SHALL BE MARKED SHOWING ITS SERVICE AND PARTICULAR LIQUID.
8. ALL PIPING SHALL BE COLOR CODED IN ACCORDANCE WITH THE NATIONAL COLOR CODE AND SHALL INDICATE DIRECTION OF FLOW.
9. ALL LABELING SHALL BE EMBOSSED AND ATTACHED W/SCREWS.
10. ALL PIPES SUBJECT TO MECHANICAL INJURY OR UNDUE VIBRATION SHALL BE ADEQUATELY PROTECTED AND/OR SUPPORTED.
11. PIPING SHALL BE THOROUGHLY CLEANED AFTER INSTALLATION AND BEFORE FUNCTION TESTING.
12. PIPING OF DK. & PLUMBING DRAINS SHALL BE ARRANGED FOR MAXIMUM PITCH.
13. ALL WATER CLOSET DRAINS TO BE VENTED.
14. ALL EXPOSED PIPING TO BE GALV. SCH. 40 PIPE. EXPOSED P.W. PIPING TO BE INSULATED.

172' X 36' X 15' M/V GYRE
AGOR-21
HALTER MARINE HULL-375

schuller & allan, inc.
NAVAL ARCHITECTS · MARINE ENGINEERS
HOUSTON TEXAS

TEXAS A&M
OCEAN RESEARCH VESSEL "GYRE"

DRAWN	CHECKED	TITLE
BS		DECK HOUSE P.W. & SANITARY WATER PIPING
APPROVED	DATE	
SCALE	DWG. NO. 1501-P1	ALT. 0

1

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GYRE035

1501-P1 P.W. PIPING