



- LEGEND**
- GLOBE VALVE - S.L.
 - GLOBE VALVE - S.D.N.R.
 - SWING CHECK
 - HOSE VALVE
 - RELIEF VALVE
 - SPEEDWAY VALVE
 - COMPOUND GAUGE
 - PRESSURE GAUGE
 - THERMOMETER
 - PRESSURE SWITCH
- ABBREVIATIONS**
- W.B. - WASH BASIN
 - S - SINK
 - SHR - SHOWER
 - D.F. - DRINKING FOUNTAIN
 - W.C. - WATER CLOSET
 - W.M. - WASHING MACHINE
- NOTES**
- DOMESTIC FRESH WATER PUMPS:-
TWO - ONE ALTERNATIVELY STAND-BY TO THE OTHER.
ELECT. DRIVEN - SELF PRIMING.
CAPACITY - 10M³/HR. AT NOT LESS THAN 520 KPa AT THE TANK.
TO START WHEN TANK PRESS. DROPS TO APPROX. 400 KPa.
TO STOP WHEN TANK PRESS. REACHES APPROX. 520 KPa.
 - HOT WATER CIRC. PUMP:-
ONE - CAP. 50L/MIN. AT 2.8 M. HEAD
 - FRESH WATER PRESSURE TANK:-
ONE - "EVERDUR" HYDRO-PNEUMATIC, CAPCTY. NOT LESS THAN 2M³
TO BE TESTED TO 1 1/2 TIMES THE MAX. WORKING PRESSURE
 - FRESH WATER CALORIFIER:-
ONE - "EVERDUR" COPPER ALLOY, CAPACITY 550 L.
2 ELECT. HTG. ELEMENTS THERMOSTATICALLY CONTROLLED.
WORKING PRESSURE NOT LESS THAN 320 KPa (7.5 P.S.I.)
 - ULTRA-VIOLET TREATMENT PLANT "ULTRA-DYNAMICS CORP"
MODEL M.F. 02 E.R.
 - PIPING, FITTINGS & VALVES:-
PIPE - 40# & UNDER - COPPER, TYPE K
FITTINGS - BRASS
VALVES - BRONZE
ALL PIPING IN THE ACCOMMODATION SHALL BE FRAMED & "BOXED"
IN IN BOTH VERTICAL & HORIZONTAL PLANE.
ALL HOT WATER & COLD WATER PIPING TO BE INSULATED.
 - VELOCITIES & QUANTITIES:-
DOMESTIC F.W. PUMP @ 10M³/HR. = 37 G.P.M. (M.P.) 44 G.P.M. (U.S.)
VELOCITY LIMITS:-
SUCTION LINES = 2 M/SEC (6.6 FT/SEC)
DISCHARGE LINES = 2.5 M/SEC (8.2 FT/SEC)
 - ON COMPLETION THE SYSTEM IS TO BE TESTED TO TWICE THE
WORKING PRESSURE:-
520 KPa x 2 = 1040 KPa (75.4 P.S.I. x 2 = 150.8 P.S.I.)
 - FOR EVAPORATOR PIPING SEE DIAG. NO. 70-00-03

BUTLER'S VAPORS CORPORATION SHIPBUILDERS SHIP REPAIRERS GENERAL ENGINEERS		Vancouver Div. on P.O. Box 8006 North Vancouver British Columbia Canada V7L 4J6 Victoria Div. on P.O. Box 1030 Victoria British Columbia V8W 2S9	
DIVISION VANCOUVER		HULL 107	
TITLE		JOB NO. 70-08	
DIAGRAM		OWNERS GULF	
HOT & COLD DOMESTIC AND SANITARY FRESH WATER SERVICE			
APPROVED	REPRESENTS	DATE	DESIGNED BY Jack Goode
		5/1/79	CHECKED
		10/5/79	APPROVED
SCALE NONE		DATE MAR. 2/1980	
DWG. NO. 70-00-01		REV. 9	