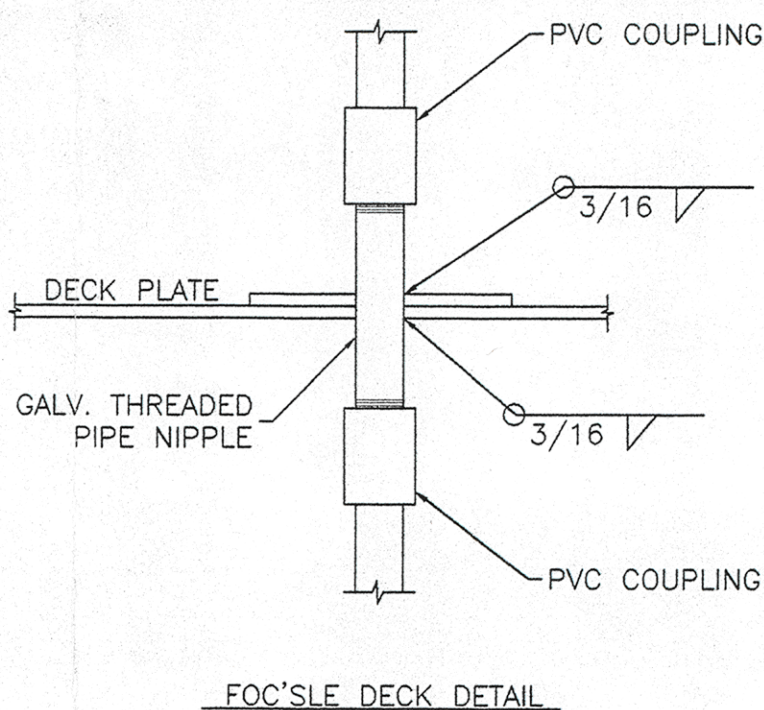
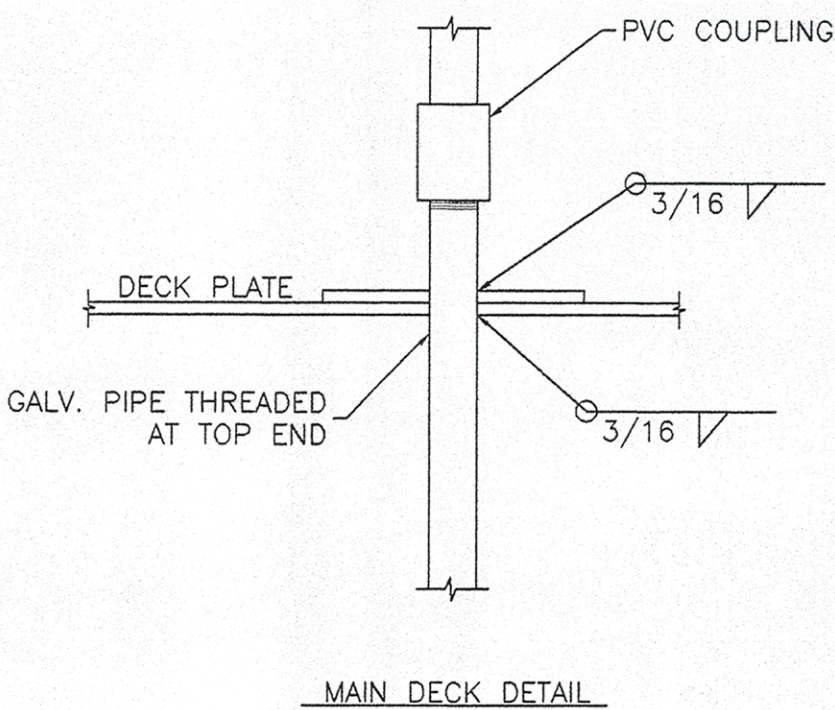


PIPING MATERIAL SCHEDULE										
SYSTEM	SYSTEM CONDITIONS			VALVES			PIPE		JOINTS	
	TEMP.	MAX. PRESS.	OPER. PRESS.	SIZE	TYPE	TRIM	BODY	SIZE	MATERIAL SPECIFICATIONS	SIZE
POT. WATER TANK TO MAIN DECK	AMB	80	50	ALL	CHECK, SWING TYPE	BRONZE ASTM B-62	BRONZE ASTM B-62	ALL	SCH 40, GALV. STEEL, ASTM A-105	ALL
				ALL	GATE, RISING STEM	BRONZE ASTM B-62	BRONZE ASTM B-62			F.S. SCRD., ASTM A-105, GR II, 3000lb. MSS-SP-83
MAIN DECK TO FIXTURE	AMB/160	80	50	ALL	STOP, SCR. TO FLARE	BRONZE ASTM B-62	BRONZE ASTM B-62	ALL	PVC, ASTM D-1785 NSF APPROVED	ALL
										PVC CEMENT SOCKET JOINT

EQUIPMENT LIST			
ITEM NO.	QTY.	DESCRIPTION	MODEL NO.
1	1	PRESSURE SET, 1/2 HP PUMP w/50 GAL TANK, 120V 1ø, 15 GPM @ 50PSI	GRUNDFUS JP-5 OR EQUAL
2	1	WATER HEATER, 80 GAL. CAPACITY, DUAL ELEMENT, 208V 3ø	AMERICAN LDCE32 OR EQUAL
3	4	LAVATORY FAUCET AND SINK	-
4	4	FRP SHOWER STALL, 32"x32"	-
5	4	TOILETS, FULL FLUSH	-
6	1	S.S. GALLEY SINK, DOUBLE BOWL	-



DECK PENETRATION DETAILS

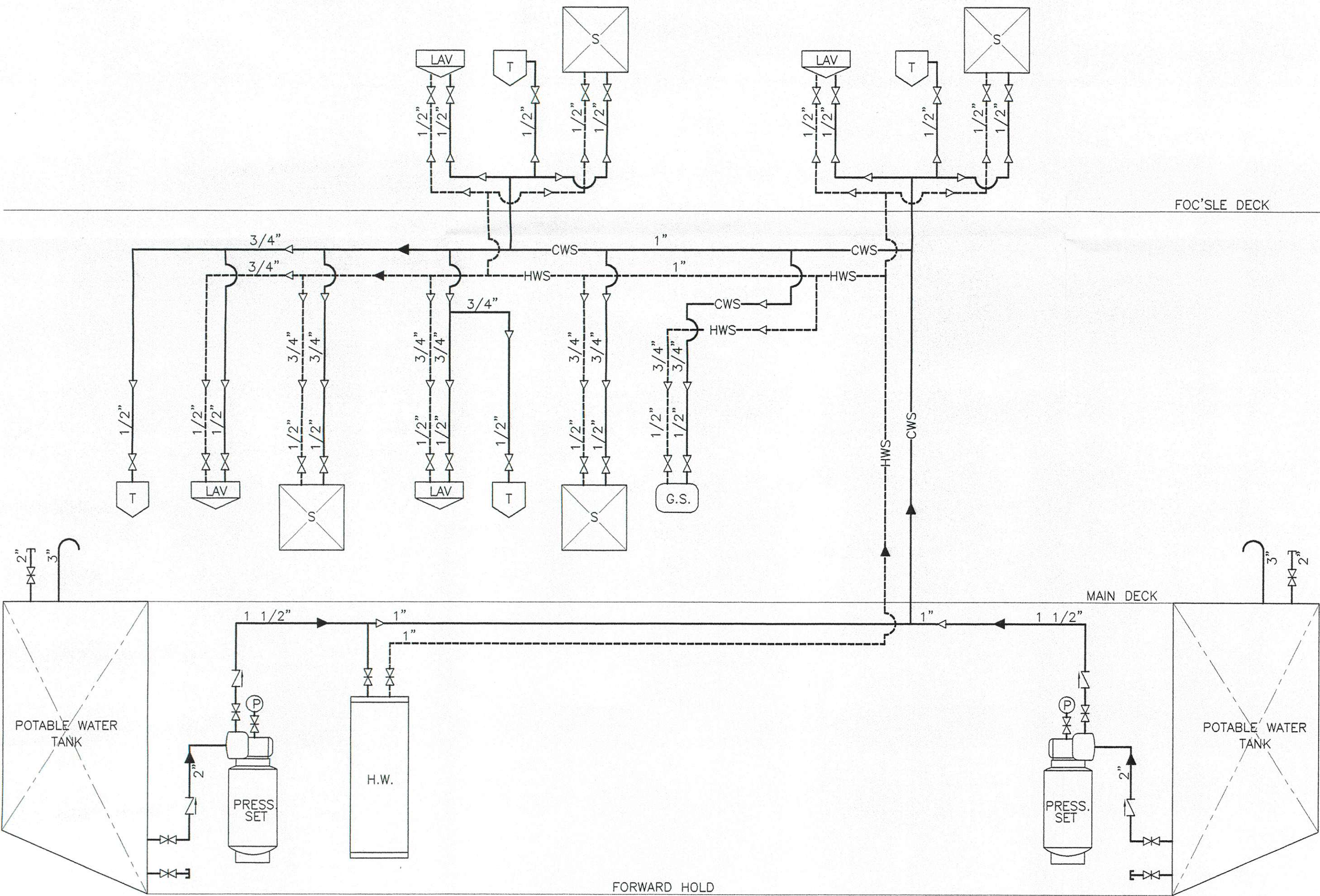
NOT TO SCALE

SYMBOLS LIST

	SHOWER STALL
	LAVATORY
	TOILET
	GALLEY SINK
	COLD WATER PIPING
	HOT WATER PIPING
	GATE VALVE
	CHECK VALVE
	REDUCER
	COMPRESSION STOP VALVE w/ FLEX RISER
	PRESSURE GAUGE

GENERAL NOTES

- ALL PIPING SHALL BE IN ACCORDANCE WITH APPLICABLE ABS & USCG REGULATIONS PER CONTRACT SPECIFICATIONS.
- FILL LINE SHALL TERMINATE 18" ABOVE MAIN DECK (MIN) AND HAVE BRASS CAP.
- PIPING SHALL BE PROPERLY SUPPORTED AND BE ARRANGED SUCH THAT IT IS NOT NORMALLY USED AS A STEP OR RAIL.
- THE POTABLE WATER TANK SHALL BE CLEANED AND STERILIZED IN ACCORDANCE WITH U.S. PUBLIC HEALTH SERVICE REQUIREMENTS BEFORE BEING PLACED IN SERVICE.
- THE PRESSURE SET SHALL HAVE A LOW PRESSURE CUT-IN OF 30 PSI AND A HIGH PRESSURE CUT-OUT OF 50 PSI.
- DECK AND BULKHEAD PENETRATIONS SHALL BE REINFORCED WITH DOUBLER PLATES IN ACCORDANCE WITH ABS RULES.



POTABLE WATER PIPING SCHEMATIC

NO. _____ TITLE _____ DWG. NO. _____	STERLING MARINE, LTD. 1150 SHADY LANE GULF BREEZE, FL 32563
REFERENCES THIS DRAWING, DESIGN, CONCEPT AND SPECIFICATIONS ARE THE PROPERTY OF STERLING MARINE, LTD. AND ARE FURNISHED ON A CONFIDENTIAL BASIS WITH AN EXPRESSED UNDERSTANDING THAT THEY WILL NOT BE COPIED IN ANY MANNER, USED FOR MANUFACTURE, SOLD, TRANSFERRED NOR USED TO THE DETRIMENT OF SAID COMPANY WITHOUT WRITTEN PERMISSION.	136 FT. OFFSHORE SUPPLY VESSEL (LoFORCE SHIPYARD, INC. - HULL 137/138) POTABLE WATER SYSTEM
APPROVED BY: _____ DATE: 15 OCT 2003	APPROVED BY: _____ DATE: _____
SIZE: D PROJECT NO.: - DWG. NO.: 137-C665-01 REV: 2	SCALE: NONE SHEET 1 OF 1