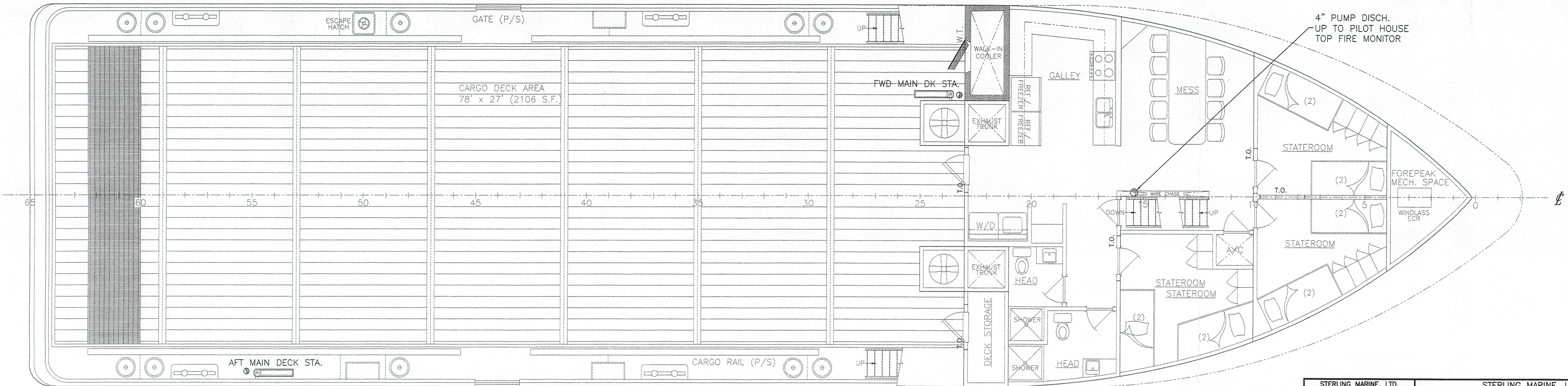
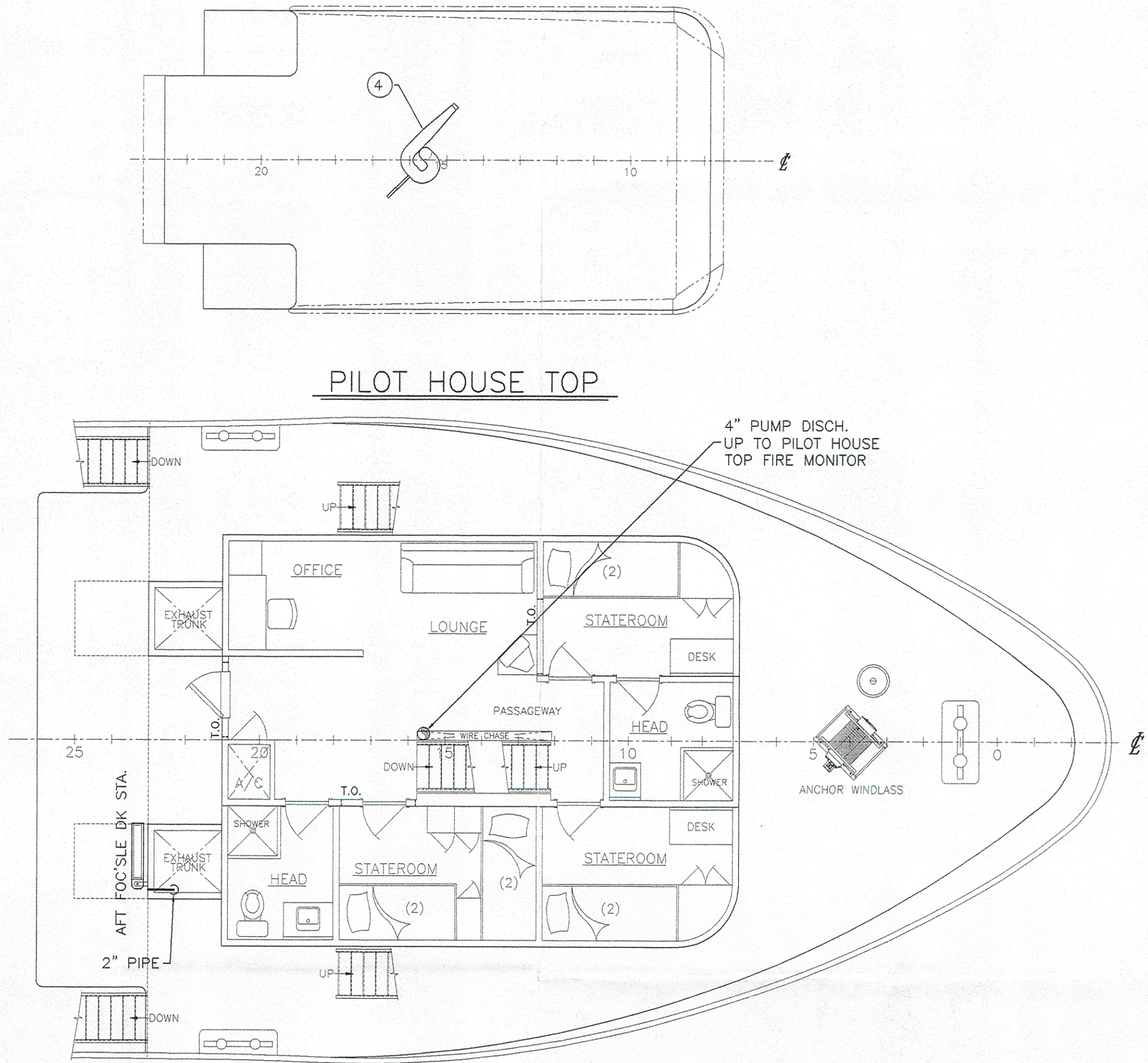


PIPING MATERIAL SCHEDULE											
SYSTEM	SYSTEM CONDITIONS			VALVES				PIPE		FITTINGS	
	TEMP.	MAX. PRESS.	OPER. PRESS.	SIZE	TYPE	TRIM	BODY	SIZE	MATERIAL SPECIFICATIONS	TYPE	MATERIAL SPECIFICATIONS
FIREMAIN SYSTEM	AMB	60	40	ALL	CHECK, SWING TYPE, THD.	BRONZE ASTM B-62	BRONZE ASTM B-62	ALL	SCH 40, GALV. STEEL, ASTM A-105	FLG.	F.S. ASTM A-105 GR.II 150lb. S.O., R.F.
				ALL	BUTTERFLY, LUG-TYPE	STAINLESS STEEL	CAST IRON ASTM A-126			PIPE	BUTT-WELD, WPC ASTM A-105, GR.II
				1 1/2"	ANGLE VALVE THD.	BRONZE ASTM B-62	BRONZE ASTM B-62				
FIRE MONITOR SYSTEM	AMB	85	60	6"	BUTTERFLY, LUG-TYPE	STAINLESS STEEL	CAST IRON ASTM A-126	ALL	SCH 40, GALV. STEEL, ASTM A-105	UNION	F.S. SOCKET WELD, ASTM A-105, GR.II, 3000lb. M95-SP-83
				4"	GATE, RISING STEM, FLG.	BRONZE ASTM B-62	CAST IRON ASTM A-126				

EQUIPMENT LIST			
ITEM NO.	QTY.	DESCRIPTION	MODEL NO.
1	1	SELF-PRIMING CENTRIFUGAL PUMP, 3"x3", 480V, 3-PH, 15 HP, CAPABLE OF 200 GPM @ 80' HEAD	BARNES MODEL 15CC
2	1	3" SIMPLEX STRAINER	-
3	1	DIESEL DRIVEN CENTRIFUGAL PUMP, 6"x4", CAPABLE OF 1300 GPM @ 200 FT. HEAD 17" DIA. IMPELLER (ENGINE: CAT 3126, 250 HP @ 2400 RPM)	CRANE-DEMING 5063
4	1	FIRE MONITOR, 4" BASE w/2" NOZZLE	ELKHART 292-11 OR EQUAL
5	5	1 1/2" ANGLE VALVE, FEMALE x FEMALE	POWHATAN OR EQUAL
6	5	1 1/2" FIRE NOZZLE, USCG APPROVED	AKRON 2032 OR EQUAL
7	5	1 1/2" FIRE HOSE RACK	GUARDIAN S-41 OR EQUAL
8	5	1 1/2" FIRE HOSE, 75' LENGTH, U.L. LISTED	GUARDIAN 14-RR-15 OR EQUAL
9	5	UNIVERSAL SPANNER WRENCH	GUARDIAN 2-185 OR EQUAL



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STERLING MARINE, LTD. DESIGN BY: T. J. CARVER		STERLING MARINE, LTD. 1150 SHADY LANE GULF BREEZE, FL 32563	
APPROVED BY:	DWG. NO.	136 FT. OFFSHORE SUPPLY VESSEL (LoFORCE SHIPYARD, INC. - HULL 137/138)	
DATE: 28 OCT 2003	CONTRACT NO.	FIREMAIN SYSTEM	
LoFORCE		SIZE	PROJECT NO.
		D	-
		SCALE:	3/16" = 1'-0"
		SHEET	2 OF 2