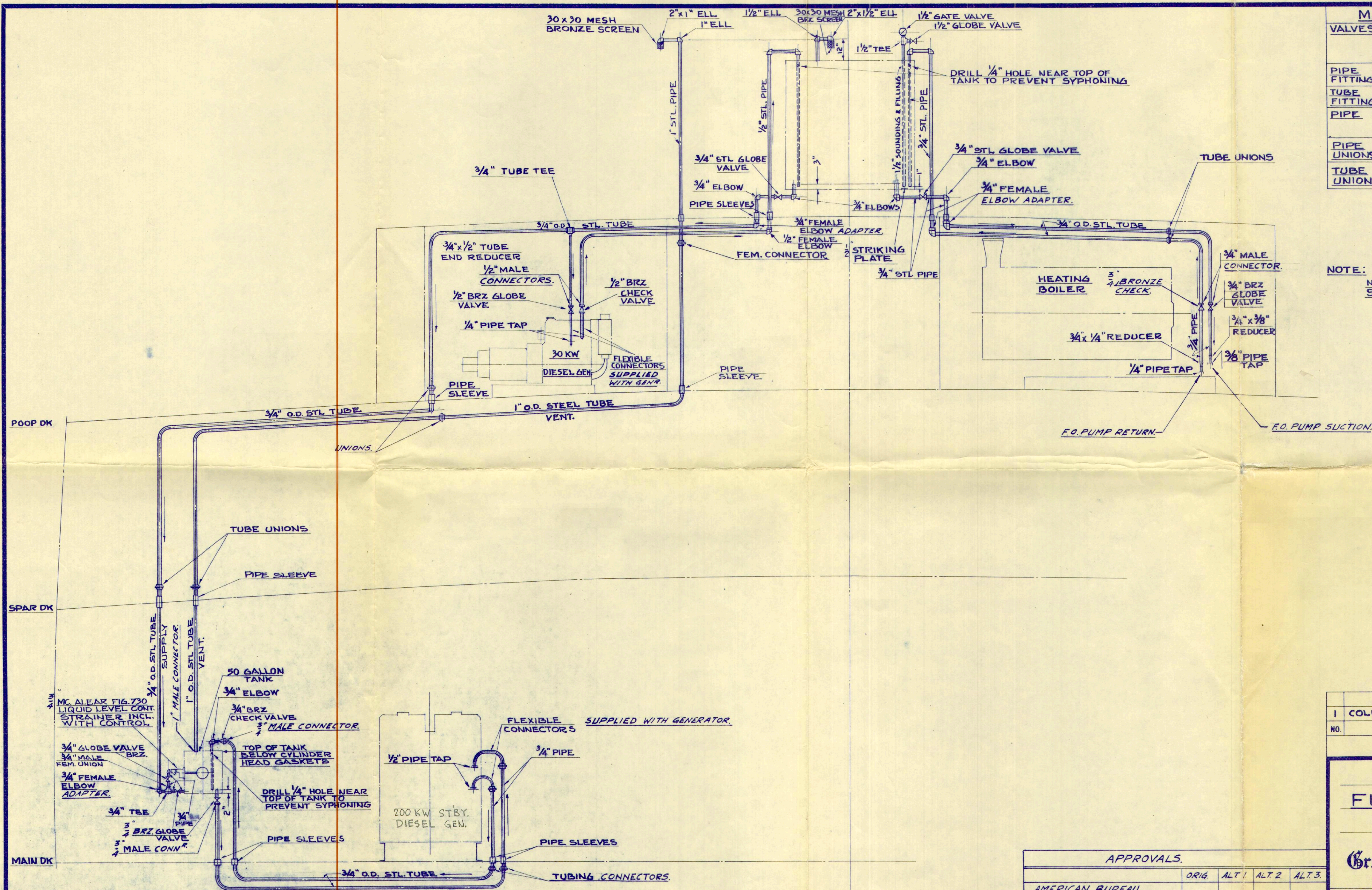
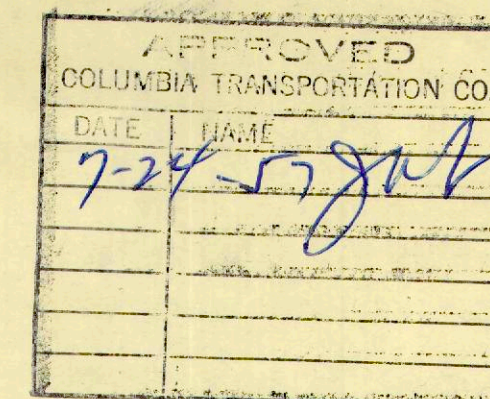




MATERIAL SPECIFICATION

VALVES:	150# BRONZE SCREWED UNION-BONNET EXCEPT TANK SHUT-OFF ABOVE DECK WHICH SHALL BE 600# F.S. SCREWED UNION BONNET
PIPE FITTINGS	EXTRA HEAVY MALLEABLE IRON SCREWED
TUBE FITTINGS	STEEL COMPRESSION FITTINGS
PIPE	STD WT. BUTT WELD STEEL PIPE OR SEAMLESS STEEL TUBING #18 BWG
PIPE UNIONS	F.S. SCREWED - "PETRO" OR EQUAL
TUBE UNIONS	STEEL COMPRESSION TYPE

NOTE:
NO DRAIN CONNECTIONS IN MACHINERY SPACE.



GLEW HULL #301

1	COLUMBIA TRANS. CO.	201		
NO.	NAME	HULL	ENG.	S.Y.O.
CONSTRUCTION LIST				

FUEL OIL DIAGRAM

S/S FITZGERALD

Great Lakes Engineering Works

APPROVALS.				
	ORIG.	ALT. 1	ALT. 2	ALT. 3
AMERICAN BUREAU.				
U.S. COAST GUARD.				
OWNERS.				

DRAWN	A.M.D.	DETROIT, MICH.	APPROVED	W.S.
TRACED		ENGINEERING DEPT.	APPROVED	
CHECKED		SCALE	NONE	DATE
				June '57

LOOKING AFT FROM FRAME 189

DRG No 78-31