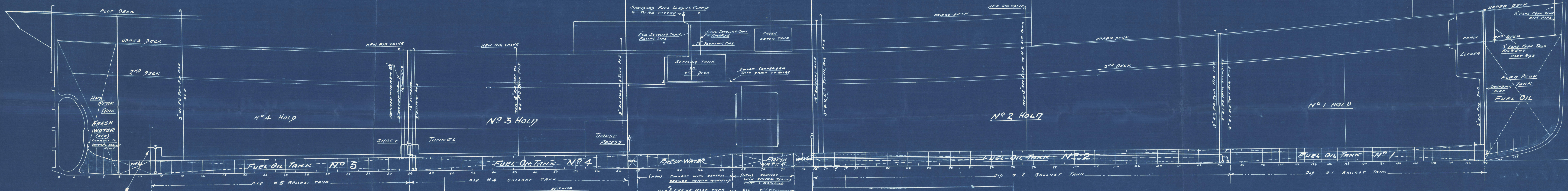


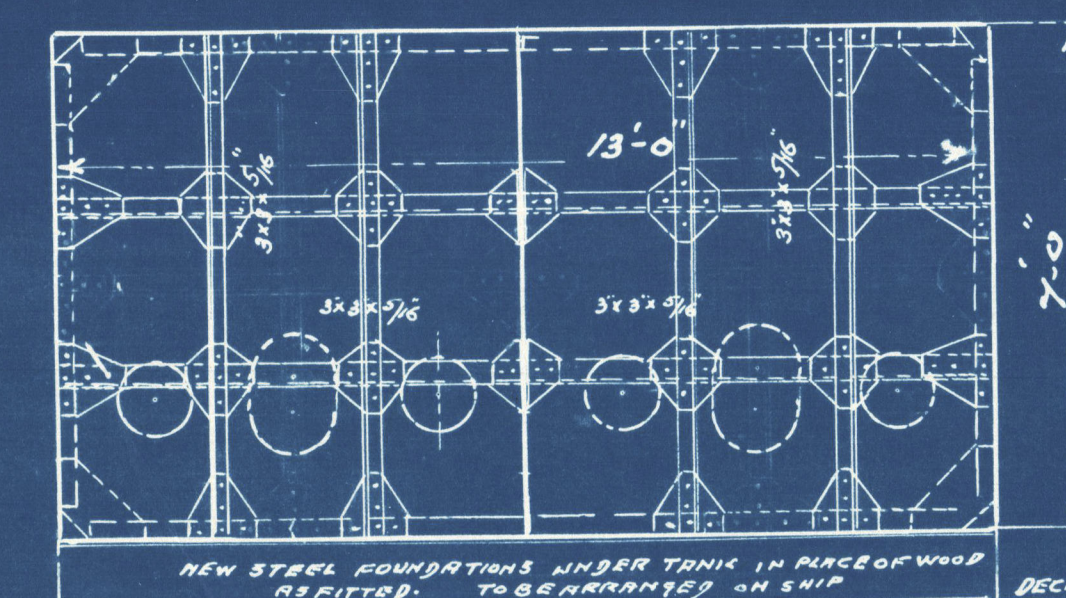
"AMERICAN ORIOLE"
AMERICAN FOREIGN STEAMSHIP CORP^N
ARRANGEMENT OF FUEL OIL TANKS, SETTLING TANKS, AIR & SOUNDING PIPES
TANK HEATING COILS ETC
SCALE 1/8" = 1 FOOT



Blank off connection to forepeak tank and run new line to general service pump with new piping and manifold

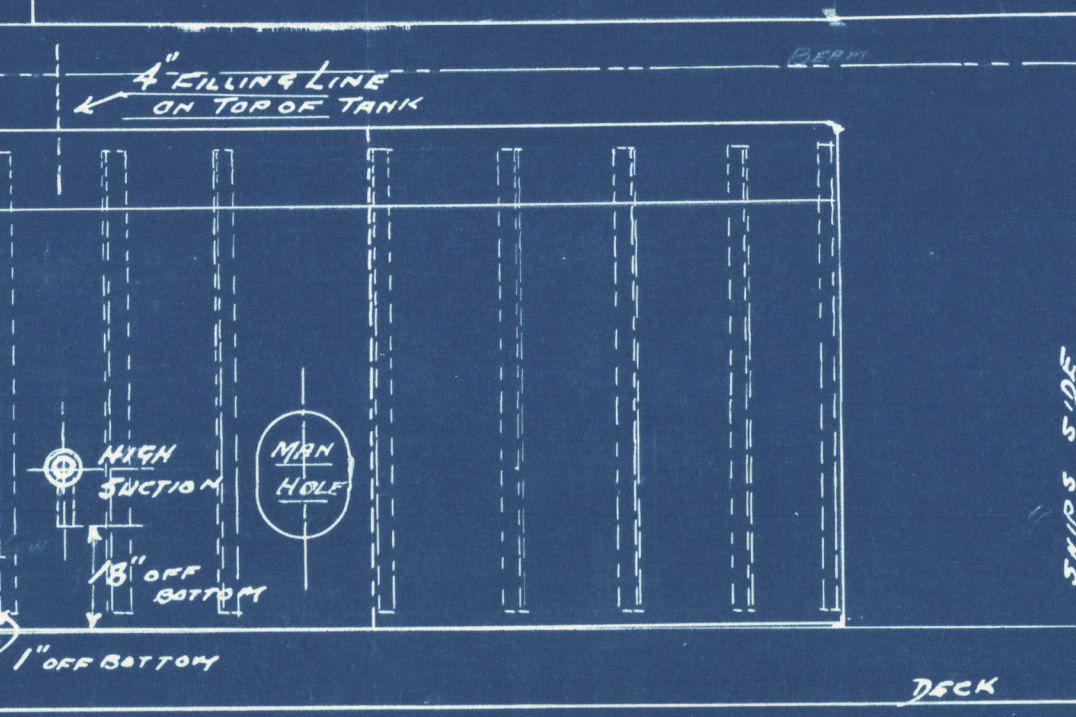
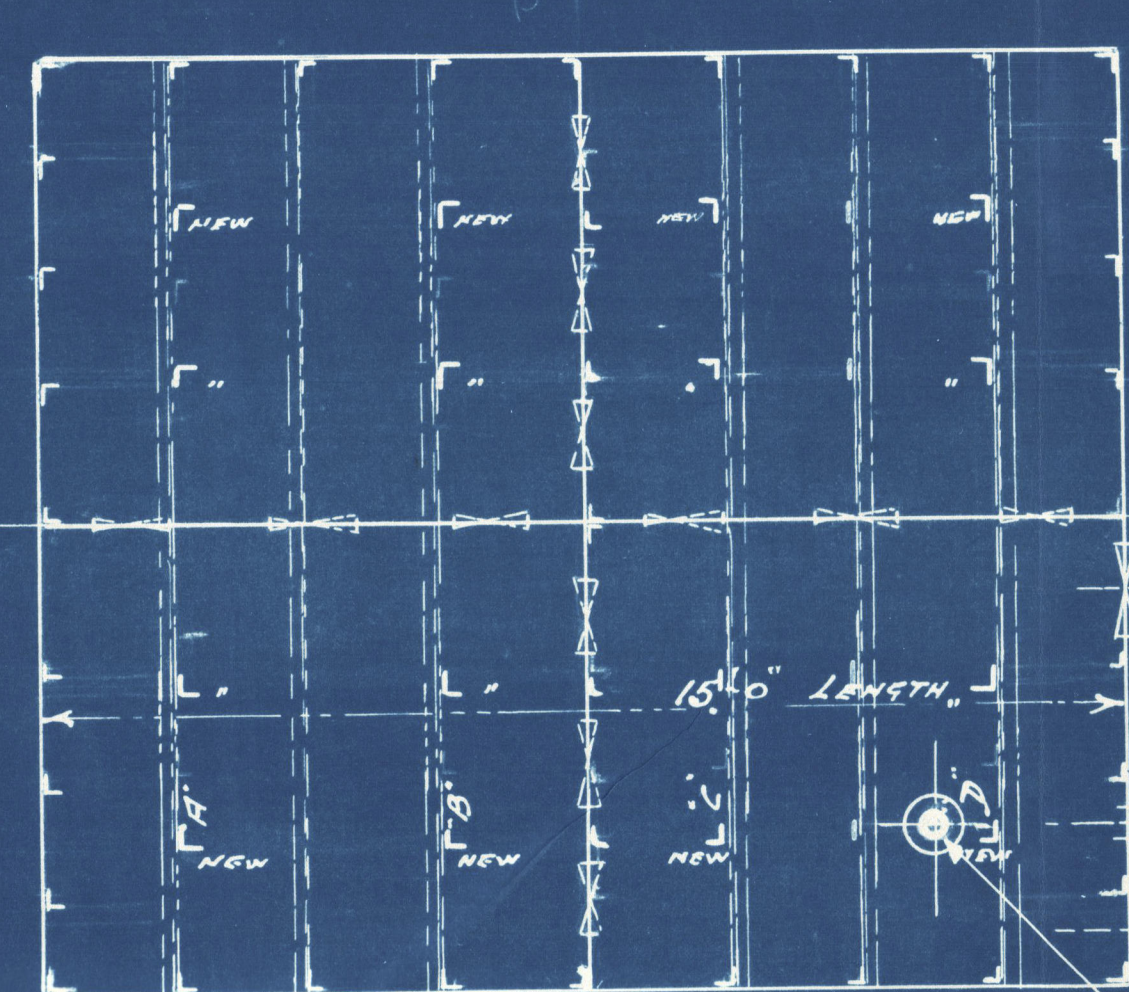
Air pipes to be fitted at upper end with a wire gauze diaphragm which can be readily removed for cleaning
 Approved oil gauges marked in feet & barrels to be fitted to both settling tanks
 Smokestack dampers to be removed

Sounding pipes to have striking plates in tanks
 Manifold valves for all tanks to be clearly marked



BRACING IN SETTLING TANKS AT POSITIONS A B C D

NOTES: STRIKING PLATE TO BE FITTED AT BOTTOM OF SOUNDING PIPES. THE PRESENT DRAIN PIPES TO BE BLANKED, RIVETED OR WELDED



FRONT ELEVATION OF SETTLING TANK
 STANDARD SIDE LOOKING FORWARD
 DETAILS OF FUEL OIL SETTLING TANKS
 SCALE 1/8" = 1 FOOT
 ONE PORT ONE STARBOARD

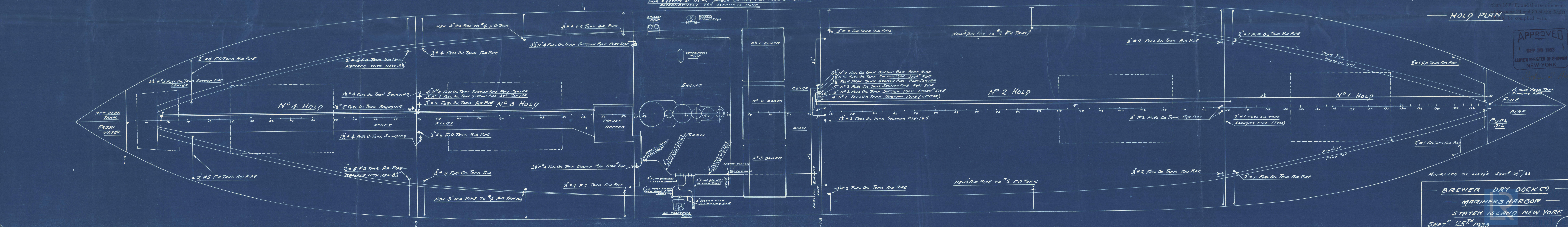
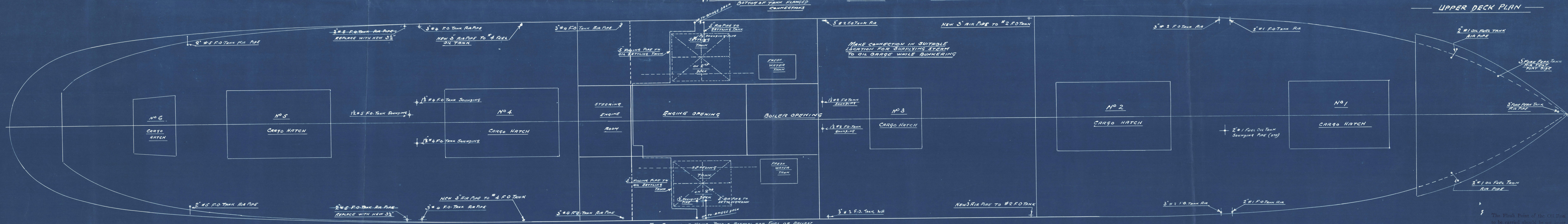
	HEATING COILS		2" DIA. 1/2" THICK TUBES	
	CAPACITY IN GALLONS	AMOUNT OF HEATING SURFACE	LENGTH OF TUBES	LENGTH OF TUBES
FORE PEAK	138	4830	1" IN 60" = 100'	200'
#1 FUEL OIL TANK	143	5005	1" IN 60" = 85'	170'
#2 FUEL OIL TANK	428	14980	1" IN 60" = 250'	500'
#4 FUEL OIL TANK	227	7985	1" IN 60" = 180'	250'
#5 FUEL OIL TANK	149	5215	1" IN 60" = 85'	170'

SETTLING TANK	SIZE	CAPACITY GALLONS	AMOUNT OF HEATING SURFACE	LENGTH OF TUBES
	15' x 13' x 7'	1365	22	40' TANK

RETURN STEAM FROM HEATING COILS IN TANKS TO BE CONNECTED TO STEAM TRAPS & TO OBSERVATION TANK

COILS TO BE CONNECTED BY MACHINE FACED WROUGHT STEEL BOLTS, SPIES AND MANGET HYDRAULIC FLANGES
 COILS AROUND SUCTON PIPES IN TANKS
 HEATING COILS TO BE TESTED WITH WATER PRESSURE & CONNECTION-LEFT FOR RETURN INSPECTION. RETURN TO BE CONNECTED TO STEAM TRAP & TO OBSERVATION TANK

THE PRESENT TANK BALLAST SUCTION PIPING TO BE USED FOR THE NEW OIL SYSTEM. THE BELL MOUTH SUCTIONS TO BE LOWERED ONE INCH. THE SUCTIONS TO THE OIL TANKS MUST BE ENTIRELY DISCONNECTED FROM THE FRESH WATER, BILGE & BALLAST SYSTEM. EXCEPT THAT A VALVE, BLANK FLANGE, OR SPOOL PIECE MUST BE FITTED SO THAT #1, 2, 4, 5, FUEL OIL TANKS CAN BE USED FOR WATER BALLAST IF REQUIRED. ALL IN ACCORDANCE WITH LLOYD'S AND UNITED STATES STEAMBOAT INSPECTION SERVICE REQUIREMENTS
 THE #1, 2, 4, 5, TANK SUCTIONS LINE FLANGES IN TANK, AS WELL AS THE SUCTION LINES FROM THESE TANKS IN ENGINE & FIREDOCK SPACES TO BE RE-ROUTED WITH APPROVED OIL WELDING



The Tank Point of the Oil Tank to be marked, shown in red ink, in the plan, and the corresponding points of the Oil Tank to be marked with the same ink.

APPROVED
 1 SEP 25 1933
 MARINERS HARBOR
 STATEN ISLAND NEW YORK

Approved by Lloyd's Survey 25/33

BREWER DRY DOCK CO
 MARINERS HARBOR
 STATEN ISLAND NEW YORK
 SEPT 25 1933

S.S. American Oriole?

Nyk. rept. No. 34911

Arrangement of fuel oil tanks,
settling tanks, air sounding pipes
tank heating coils etc.

W150-0144



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Foundation