



Book cover

KEY TO LOCOMOTIVE EQUIPMENT

REPRESENTATION	TYPE	WHYTE SYMBOL	ANN ARBOR CLASS	SERVICE	NO. OF ENGS
J□○○○	6 WHEEL	0-6-0	A	SWITCHING	1
J□○○○○	8 WHEEL	0-8-0	U	SWITCHING	2
△□□○○○	ATLANTIC	4-4-2	I	PASSENGER	5
△□□○○○○	10 WHEEL	4-6-0	F	FREIGHT	11
△□○○○○○	CONSOLIDATION	2-8-0	G	FREIGHT	16
J□○○○○○	CONSOLIDATION	2-8-0	E	SWITCHING	3
△□○○○○○	MIKADO	2-8-2	H	FREIGHT	8
△□○○○○○○○	SANTA FE	2-10-2	L	FREIGHT	4
				TOTAL	50

ANN ARBOR

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Page 1

ENGINE NO.	CLASS	BUILDER	BUILT	TYPE	CYLINDERS	GRATE AREA SQ.FT.	BOILER	HEATING SURFACE TOTAL	WHEEL CTR	WEIGHT		TANK CAPACITY
										ENGINE	ON DRIVERS	
1	A	PITTSBURG	1898	6WH	18" X 24"	15.3	54	1283	44	96000	96,000	3500
50	U	AMERICAN	1920	8WH	22 1/2" X 28"	47.5	73	3330	44	200,000	200,000	7000
51	U	AMERICAN	1920	8WH	22 1/2" X 28"	47.5	73	3282	44	200,000	200,000	7000
100	F1	BALDWIN	1899	10WH	19" X 26"	26.0	60	1789	56	125,000	90,000	7300
101	F1	BALDWIN	1899	10WH	19" X 26"	26.0	60	1941	56	125,000	90,000	7300
102	F2	BALDWIN	1899	10WH	19" X 26"	31.0	61	1713	56	131,240	104,665	7300
103	F2	BALDWIN	1899	10WH	19" X 26"	31.0	61	1826	56	131,240	104,665	7300
104	F3	PITTSBURG	1900	10WH	19" X 26"	28.0	62	2009	56	140,000	114,000	6500
105	F3	PITTSBURG	1900	10WH	19" X 26"	28.0	62	2022	56	140,000	114,000	7300
107	F4	BALDWIN	1902	10WH	19" X 26"	31.0	62	1895	56	140,000	104,000	7300
108	F4	BALDWIN	1902	10WH	19" X 26"	31.0	62	1947	56	140,000	104,000	7300
109	F4	BALDWIN	1903	10WH	19" X 26"	31.0	62	2195	56	140,000	104,000	7300
110	F4	BALDWIN	1903	10WH	19" X 26"	31.0	62	2165	56	140,000	104,000	7300
111	F4	BALDWIN	1903	10WH	19" X 26"	31.0	62	1932	56	140,000	104,000	7300
126	E	BALDWIN	1895	CONSOL	18" X 24"	20.0	54	1179	44	106,000	94,000	3500
127	E	BALDWIN	1895	CONSOL	18" X 24"	20.0	54	1185	44	106,000	94,000	3500
128	E	BALDWIN	1895	CONSOL	18" X 24"	20.0	54	1165	44	106,000	94,000	3500
150	G	AMERICAN	1908	CONSOL	22" X 30"	49.5	78 1/2	3616	50	216,000	192,000	8000
151	G	AMERICAN	1908	CONSOL	22" X 30"	49.5	78 1/2	3616	50	216,000	192,000	8000
152	G	AMERICAN	1908	CONSOL	22" X 30"	49.5	78 1/2	3694	50	216,000	192,000	8000
153	G	AMERICAN	1908	CONSOL	22" X 30"	49.5	78 1/2	3616	50	216,000	192,000	8000
154	G	AMERICAN	1908	CONSOL	22" X 30"	49.5	78 1/2	3702	50	216,000	192,000	8000
155	G	AMERICAN	1908	CONSOL	22" X 30"	49.5	78 1/2	3702	50	216,000	192,000	8000

REVISED - JAN. 1927, 1928, 1929

ENGINE NO.	CLASS	BUILDER	BUILT	TYPE	CYLINDER	GRATE AREA SQ.FT.	BOILER	HEATING SURFACE TOTAL	WHEEL CTR	WEIGHT		TANK CAPACITY
										ENGINE	ON DRIVERS	
156	G	AMERICAN	1908	CONSOL	22 X 30	49.5	78 1/2	3702	50	216000	192000	8000
157	G	AMERICAN	1908	CONSOL	22 X 30	49.5	78 1/2	3616	50	216000	192000	8000
158	G	AMERICAN	1908	CONSOL	22 X 30	49.5	78 1/2	3616	50	216000	192000	8000
159	G1	AMERICAN	1909	CONSOL	22 X 30	49.5	78 1/2	3618	50	221000	197120	8000
160	G1	AMERICAN	1909	CONSOL	22 X 30	49.5	78 1/2	3618	50	221000	197120	8000
161	G1	AMERICAN	1909	CONSOL	22 X 30	49.5	78 1/2	3519	50	216000	192000	8000
162	G1	AMERICAN	1909	CONSOL	22 X 30	49.5	78 1/2	3704	50	221000	197120	8000
170	G2	AMERICAN	1912	CONSOL	25 X 30	56.5	80	3672	50	231000	208000	8000
171	G2	AMERICAN	1912	CONSOL	25 X 30	56.5	80	3721	50	231000	208000	8000
172	G2	AMERICAN	1912	CONSOL	23 1/2 X 30	56.5	80	3721	50	231000	208000	8000
180	H	AMERICAN	1917	MIKADO	27 X 30	70.4	79 3/4	5270	56	299600	228100	9000
181	H	AMERICAN	1917	MIKADO	27 X 30	70.4	79 3/4	5270	56	299600	228100	9000
182	H	AMERICAN	1917	MIKADO	27 X 30	70.4	79 3/4	5356	56	299600	228100	9000
183	H1	AMERICAN	1923	MIKADO	27 X 30	70.4	79 3/4	5556	56	298000	228500	9000
184	H1	AMERICAN	1923	MIKADO	27 X 30	70.4	79 3/4	5661	56	298000	228500	9000
185	H1	AMERICAN	1923	MIKADO	27 X 30	70.4	79 3/4	5588	56	298000	228500	9000
186	H1	AMERICAN	1923	MIKADO	27 X 30	70.4	79 3/4	5661	56	298000	228500	9000
187	H1	AMERICAN	1923	MIKADO	27 X 30	70.4	79 3/4	5556	56	298000	228500	9000
190	L	BALDWIN	1919	SANTE FE	27 X 32	76.3	84 1/2	6316	50	352000	276000	10000
191	L	BALDWIN	1919	SANTE FE	27 X 32	76.3	84 1/2	6316	50	352000	276000	10000
192	L	BALDWIN	1919	SANTE FE	27 X 32	76.3	84 1/2	6290	50	352000	276000	10000
193	L	BALDWIN	1919	SANTE FE	27 X 32	76.3	84 1/2	6316	50	352000	276000	10000
200	I	AMERICAN	1907	ATLANTIC	19 X 26	39.1	63	2286	62	161300	91500	6700
201	I	AMERICAN	1907	ATLANTIC	19 X 26	39.1	63	2286	62	161300	91500	6700

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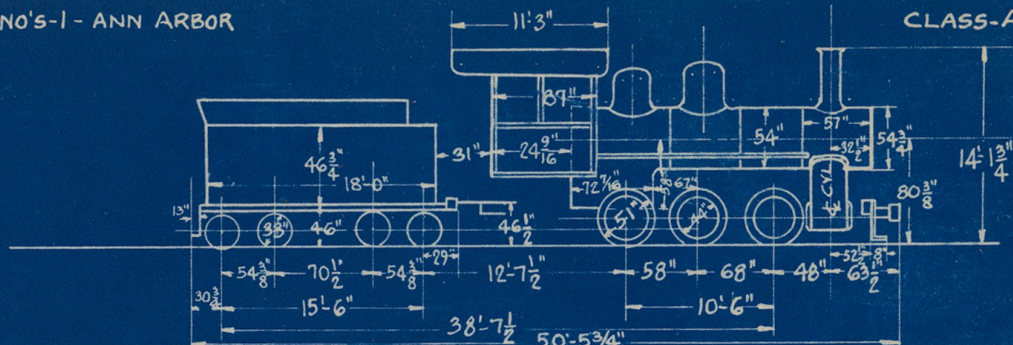
CYLINDER	TYPE & SERVICE OF ENGINES.										SERVICE TOTAL				% OF 51	
	ATL. PASS	CONS. FRT.	MIK. FRT.	SAN. FE. FRT.	10 WHL. FRT.	CONS. SWCH.	10 WH. PASS	SWITCH				PASS	FRT.	SWCH		TOTAL
								4-WH.	6-WH.	8-WH.	10-WH.					
18 x 24						3			1					4	4	8.0
19 x 26	5				11							5	11		16	32.0
22 x 30		13											13		13	26.0
22½ x 28										2				2	2	4.0
23½ x 30		1										1			1	2.0
25 x 30		2										2			2	4.0
27 x 30			8									8			8	16.0
27 x 32				4								4			4	8.0
TOTALS	5	16	8	4	11	3			1	2		5	39	6	50	
% OF 50	10.0	32.0	16.0	8.0	22.0	6.0			2.0	4.0		10.0	78.0	12.0		

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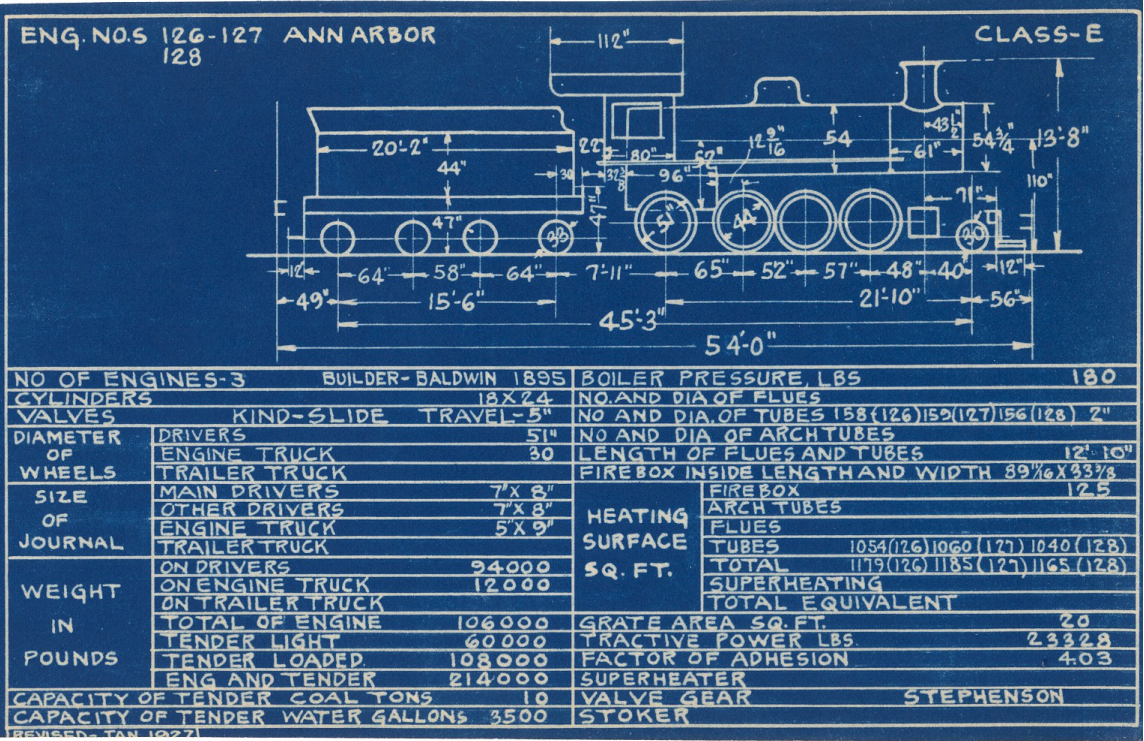
ANN ARBOR

ENG NO'S-1 - ANN ARBOR

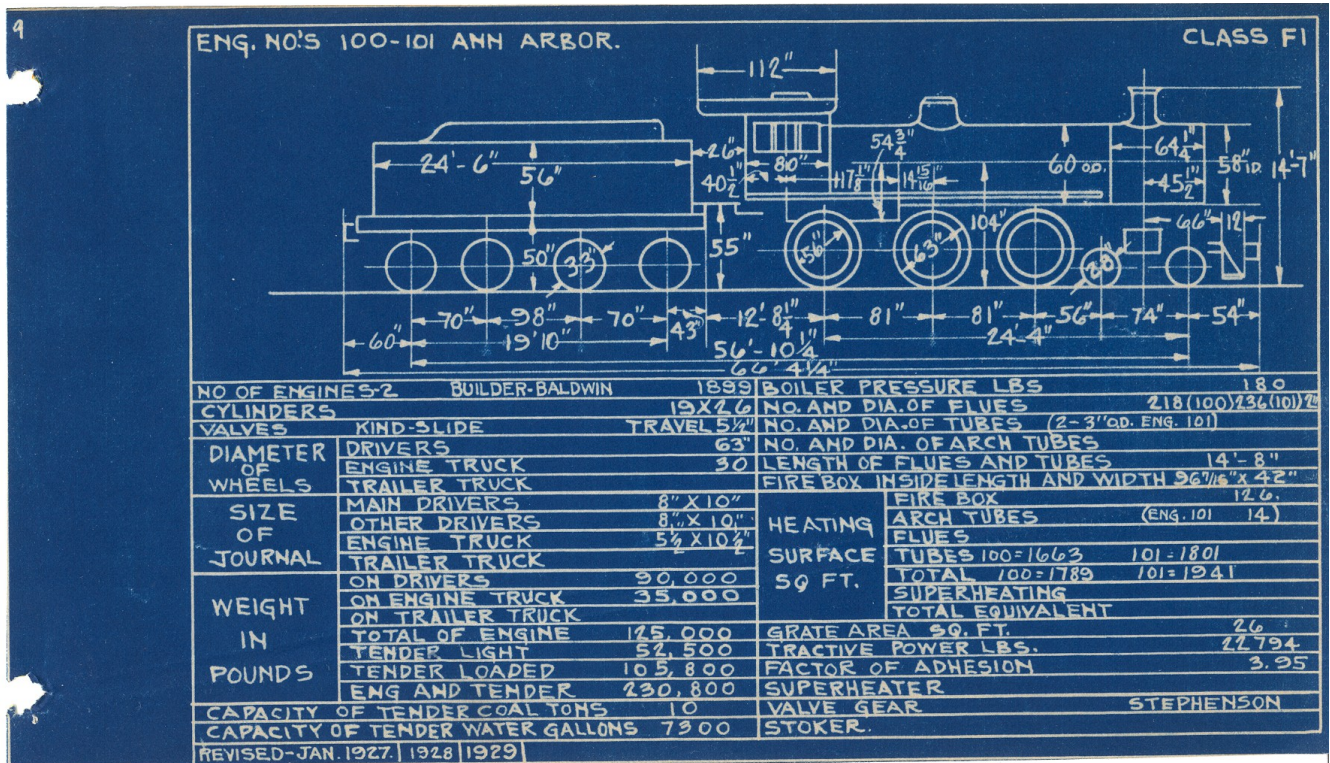
CLASS-A



NO OF ENGINES-1	BUILDER-PITTSBURGH 1898	BOILER PRESSURE LBS.	160
CYLINDERS	12 x 24	NO. AND DIA OF FLUES	
VALVES	KIND-SLIDE TRAVEL 5"	NO. AND DIA OF TUBES	172 - 2"-0-D
DIAMETER OF WHEELS	DRIVERS ENGINE TRUCK 51"	NO. AND DIA OF ARCH TUBES	
SIZE OF JOURNAL	TRAILER TRUCK MAIN DRIVERS 7"x9"	LENGTH FLUES AND TUBES	13'-3"
WEIGHT IN POUNDS	OTHER DRIVERS 7"x9"	FIREBOX INSIDE LENGTH AND WIDTH	34 3/8" x 64"
	ON DRIVERS 96000	FIREBOX	98
	ON ENGINE TRUCK	HEATING SURFACE SQ. FT.	
	ON TRAILER TRUCK	FLUES	
	TOTAL OF ENGINE 96000	ARCH TUBES	
	TENDER LIGHT 46600	TUBES	1185
	TENDER LOADED 93700	TOTAL	1283
	ENG AND TENDER 189700	SUPERHEATING	
CAPACITY OF TENDER-COAL TONS	8	TOTAL EQUIVALENT	
CAPACITY OF TENDER-WATER GALS.	3500	GRATE AREA SQ. FT.	15.3
REVISED - JAN. 1927		TRACTIVE POWER LBS.	20736
		FACTOR OF ADHESION	4.63
		SUPERHEATER	
		VALVE GEAR	STEPHENSON
		STOKER	



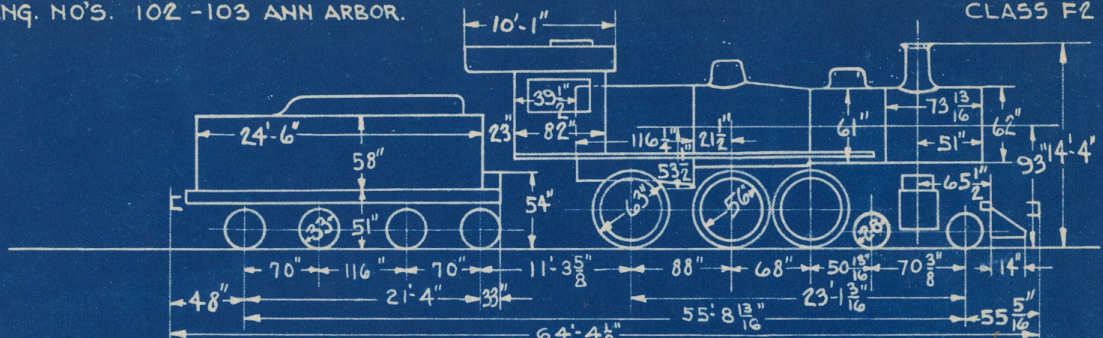
Page 8



Page 9

ENG. NO'S. 102-103 ANN ARBOR.

CLASS F2

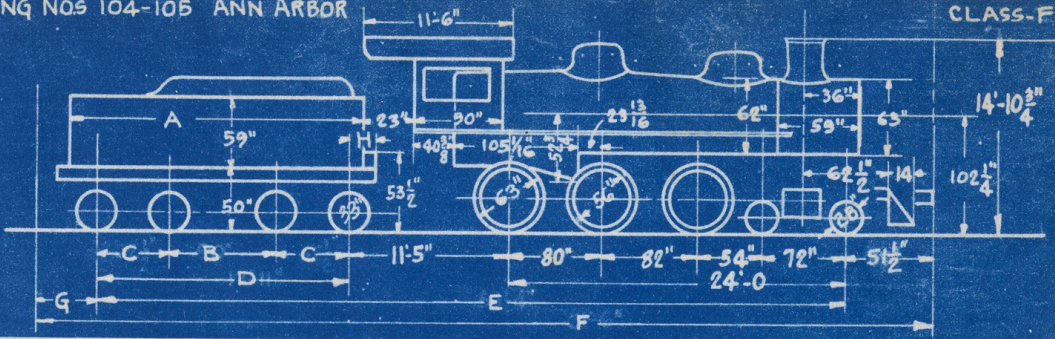


NO. OF ENGINES-2	BUILDER-BALDWIN	1899	BOILER PRESSURE LBS	180
CYLINDERS	19" X 26"		NO. AND DIA. OF FLUES	
VALVES	KIND-SLIDE	TRAVEL 5/2"	NO. AND DIA. OF TUBES	234(102) 251(103)
DIAMETER OF WHEELS	DRIVERS	63"	NO. AND DIA. OF ARCH TUBES	
	ENGINE TRUCK	30"	LENGTH OF FLUES AND TUBES	12'-10"
SIZE OF JOURNAL	TRAILER TRUCK		FIRE BOX INSIDE LENGTH AND WIDTH	108" X 41 1/4"
	MAIN DRIVERS	8 1/2" X 10"	HEATING SURFACE	
WEIGHT IN POUNDS	OTHER DRIVERS	8 1/2" X 10"	ON DRIVERS	104665
	ENGINE TRUCK	5 1/2" X 10 1/2"	ON ENGINE TRUCK	26575
WEIGHT IN POUNDS	TRAILER TRUCK		TOTAL OF ENGINE	131240
	ON DRIVERS		TENDER LIGHT	52500
	ON ENGINE TRUCK		TENDER LOADED	105800
	TOTAL OF ENGINE		ENG AND TENDER	237040
CAPACITY OF TENDER COAL TONS	10	GRATE AREA SQ. FT.	31	
CAPACITY OF TENDER WATER GALLONS	7300	TRACTIVE POWER LBS.	22794	
REVISED - JAN. 1927, JAN. 1929,		FACTOR OF ADHESION	4.59	
		SUPERHEATER		
		VALVE GEAR	STEPHENSON	
		STOKER.		

Page 10

ENG NOS 104-105 ANN ARBOR

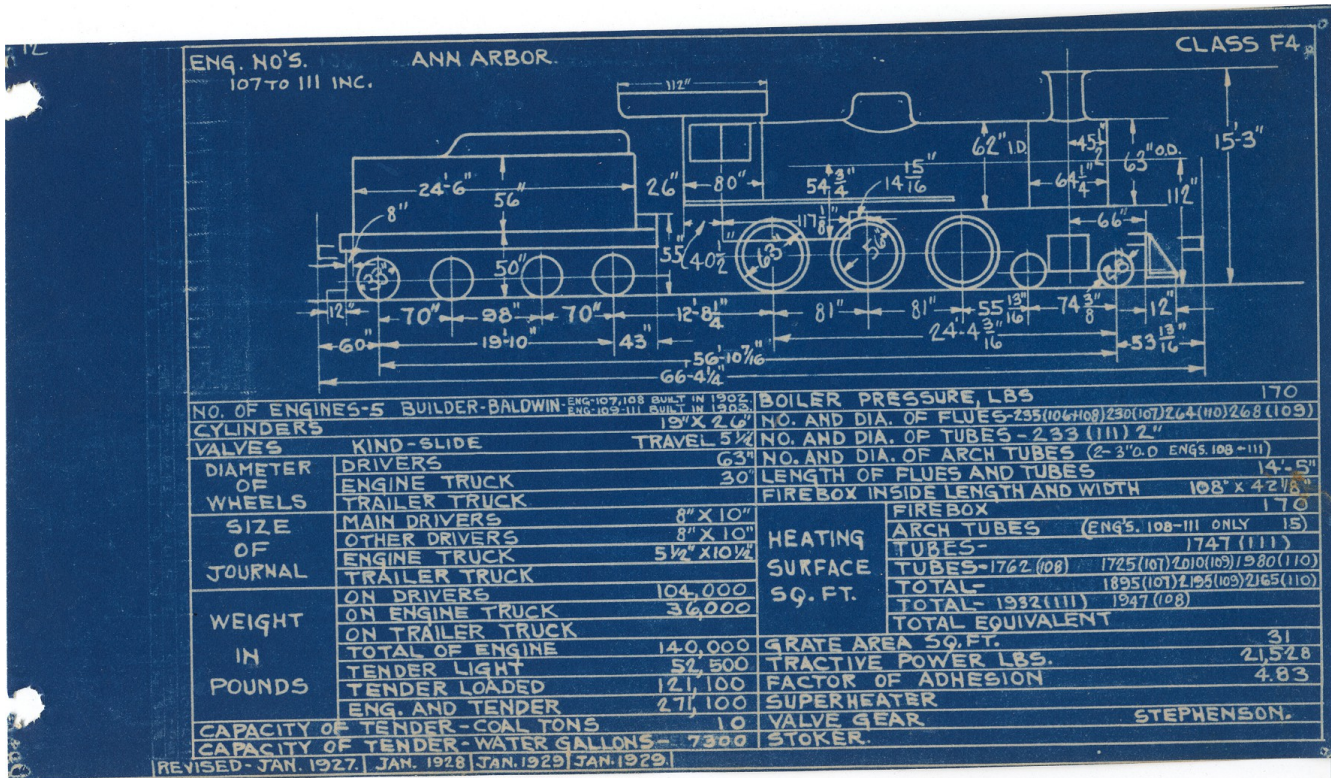
CLASS-F 3



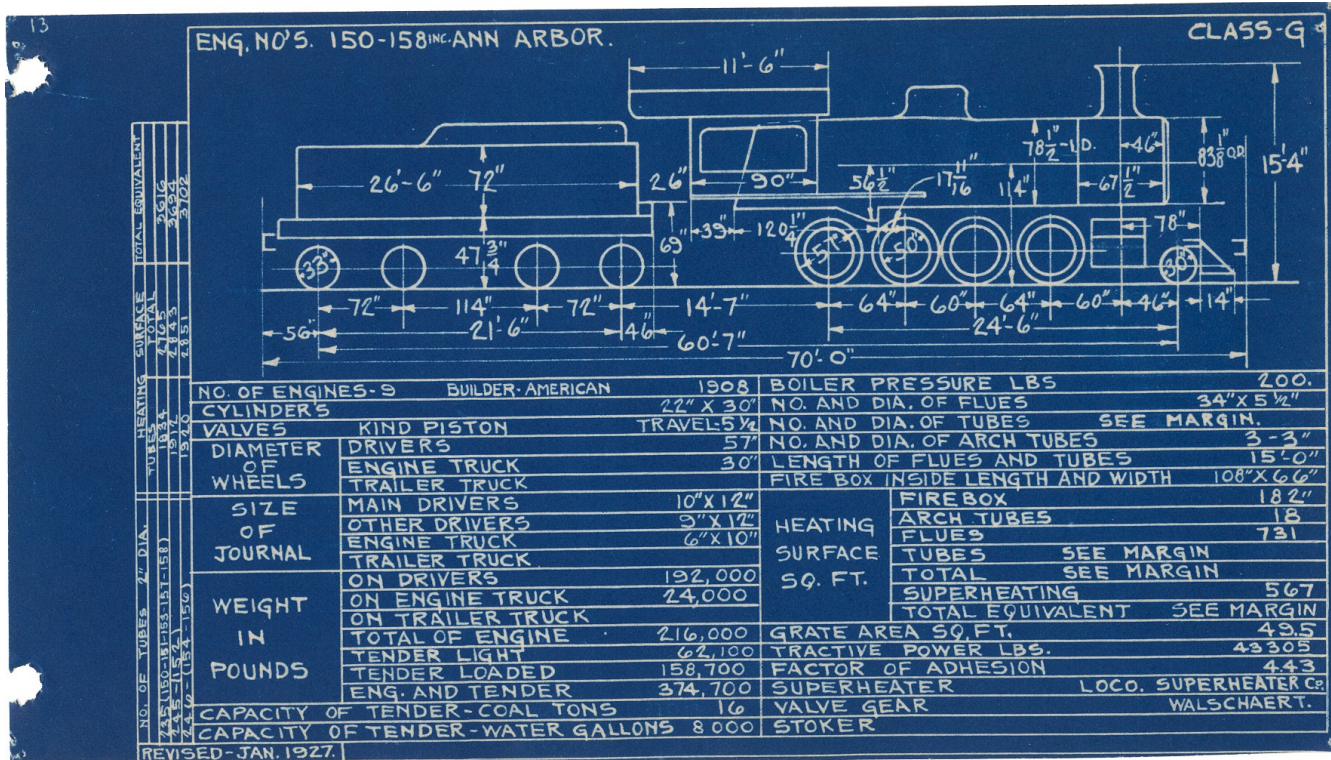
ENG NO	A	B	C	D	E	F	G	H	J
104	21'-4"	30"	62 1/2"	11"	53'-4"	61'-4"	44'-0"	28'-1/2"	11'-5"
105	24'-0"	11"	70"	21'-4"	50'-5 1/2"	64'-11 1/8"	48"	33"	11'-3 3/8"

NO OF ENGINES-2	BUILDER-PITTSBURGH	1900	BOILER PRESSURE LBS.	180'
CYLINDERS	19" X 26"		NO. AND DIA OF FLUES	
VALVES	KIND-SLIDE	TRAVEL 5"	NO. AND DIA OF TUBES	248 - 2" 00
DIAMETER OF WHEELS	DRIVERS	63"	NO. AND DIA OF ARCH TUBES (2-3" O.D. ENG. 105)	
	ENGINE TRUCK	30"	LENGTH OF FLUES AND TUBES	14'-6"
SIZE OF JOURNAL	TRAILER TRUCK		FIRE BOX INSIDE LENGTH AND WIDTH.	96" X 42"
	MAIN DRIVERS	8 X 10"	HEATING SURFACE	
WEIGHT IN POUNDS	OTHER DRIVERS	8 X 10"	ON DRIVERS	114000
	ENGINE TRUCK	5 1/2 X 10 1/4"	ON ENGINE TRUCK	26000
WEIGHT IN POUNDS	TRAILER TRUCK		TOTAL OF ENGINE	140000
	ON DRIVERS		TENDER LIGHT (104) 52500, (105) 55100	
	ON ENGINE TRUCK		TENDER LOADED (104) 127500, (105) 136500	
	TOTAL OF ENGINE		ENG AND TENDER (104) 267500, (105) 276500	
CAPACITY OF TENDER COAL TONS	10	GRATE AREA SQ. FT.	28	
CAPACITY OF TENDER WATER GALLONS	6500	TRACTIVE POWER LBS.	22794	
REVISED - JAN. 1927, 1929,		FACTOR OF ADHESION	5.0	
		SUPERHEATER		
		VALVE GEAR	STEPHENSON	
		STOKER		

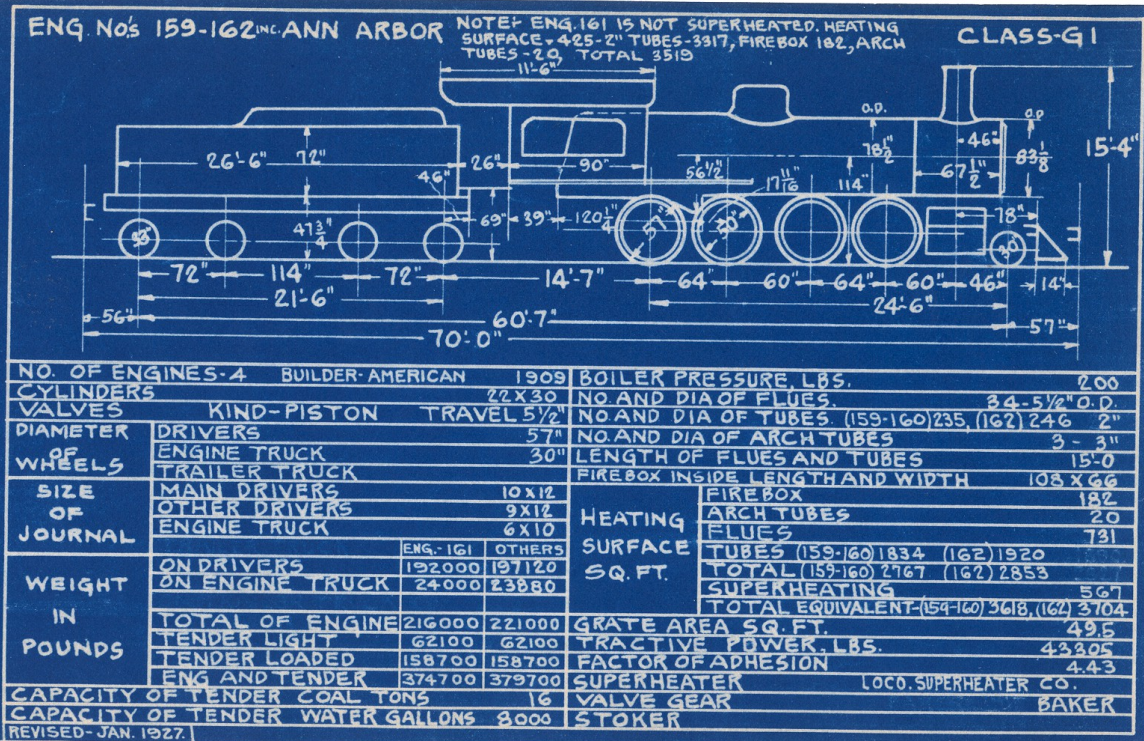
Page 11



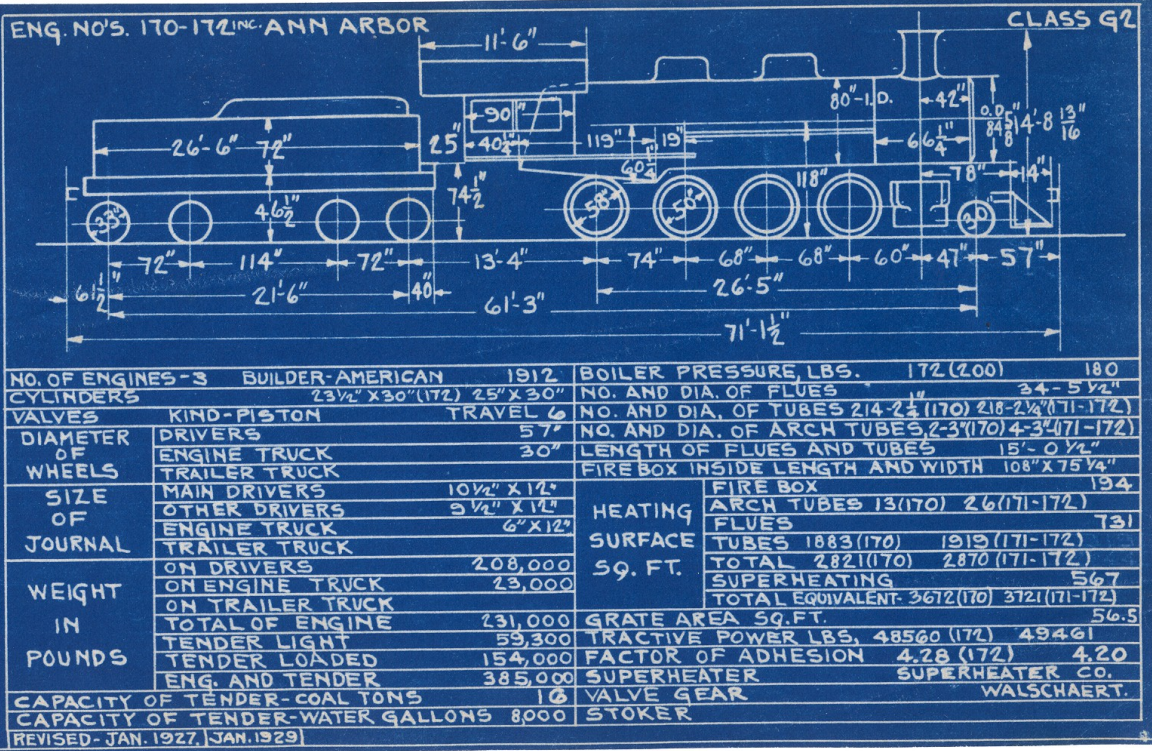
Page 12



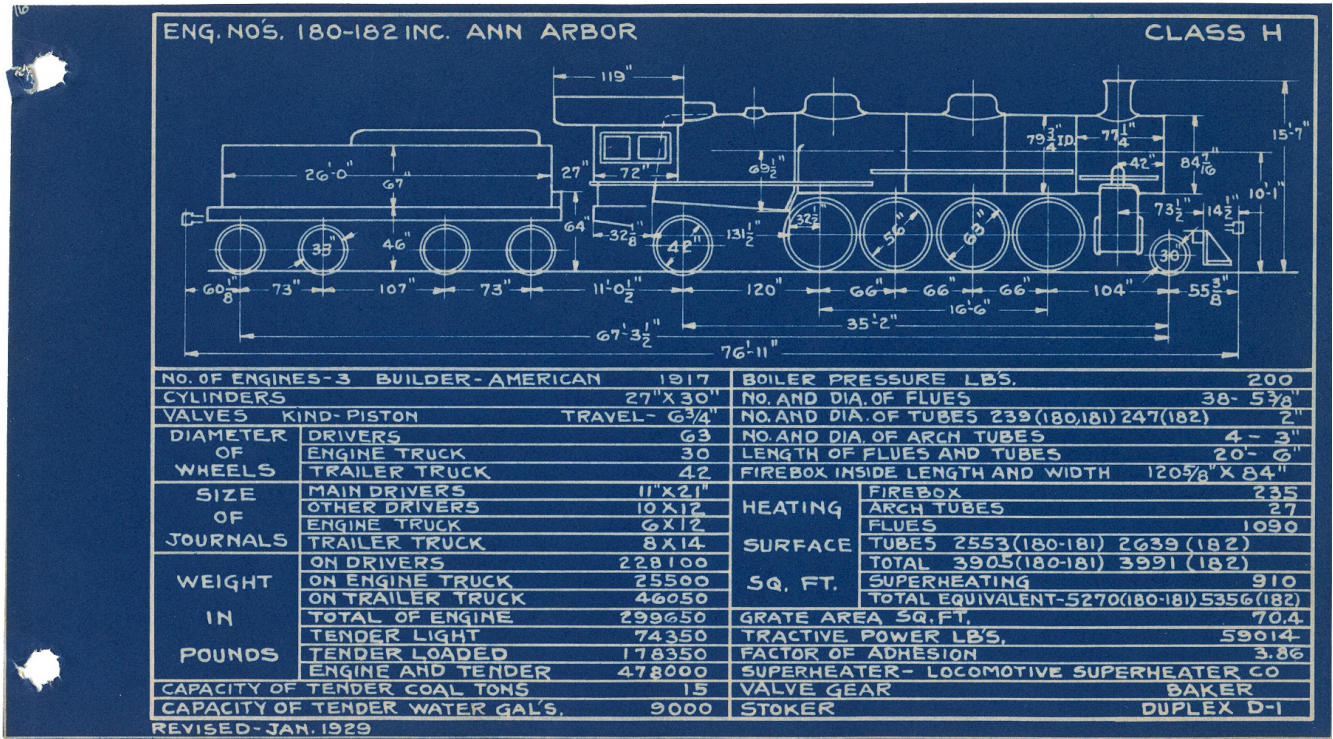
Page 13



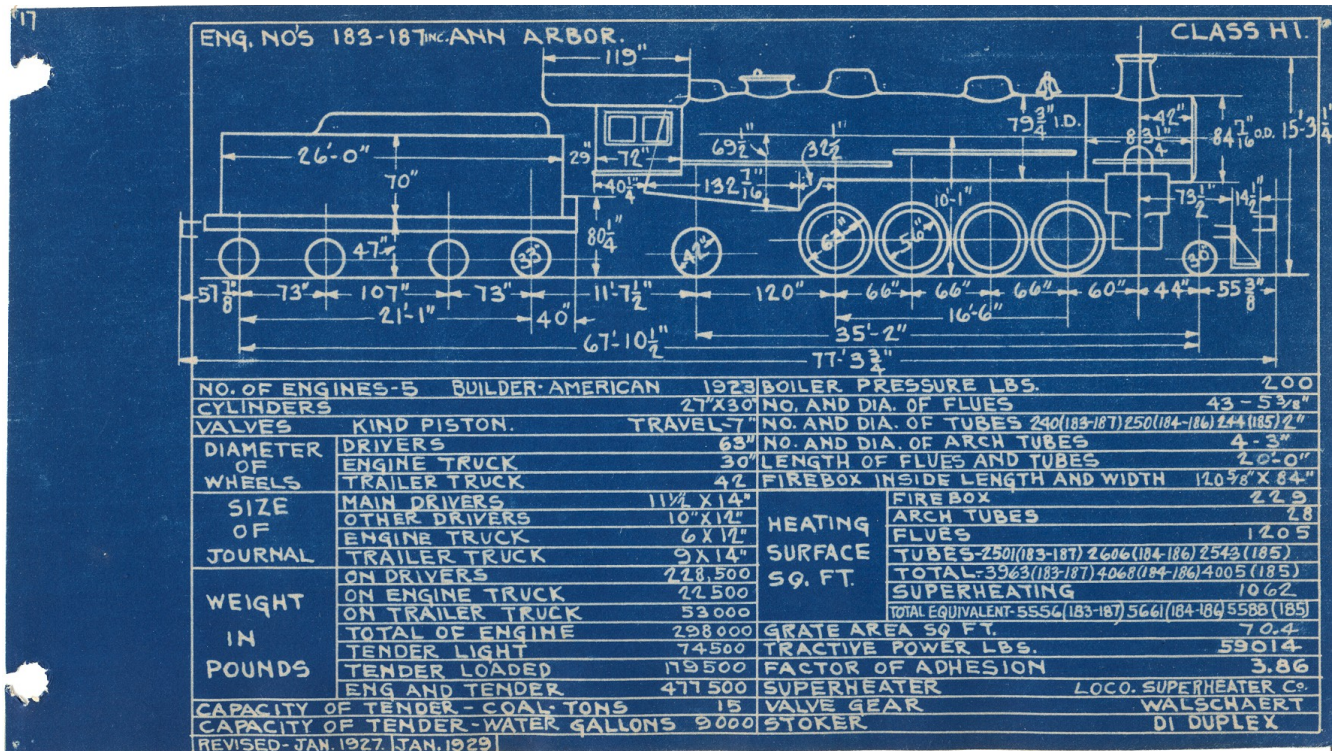
Page 14



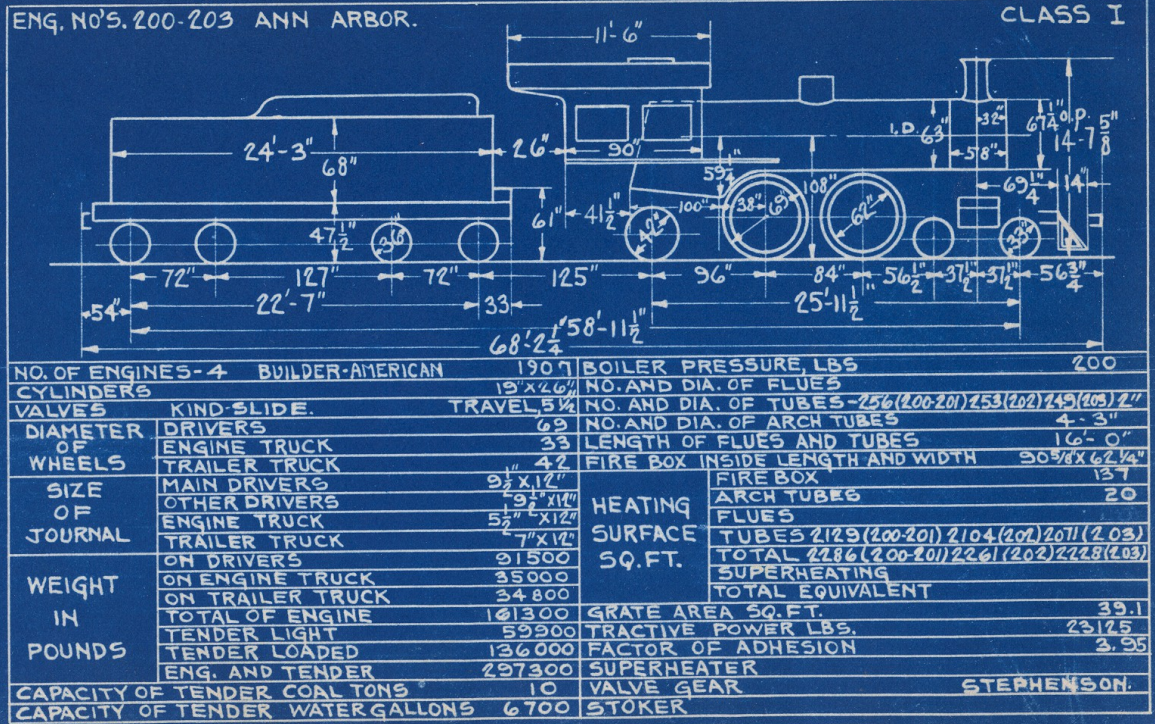
Page 15



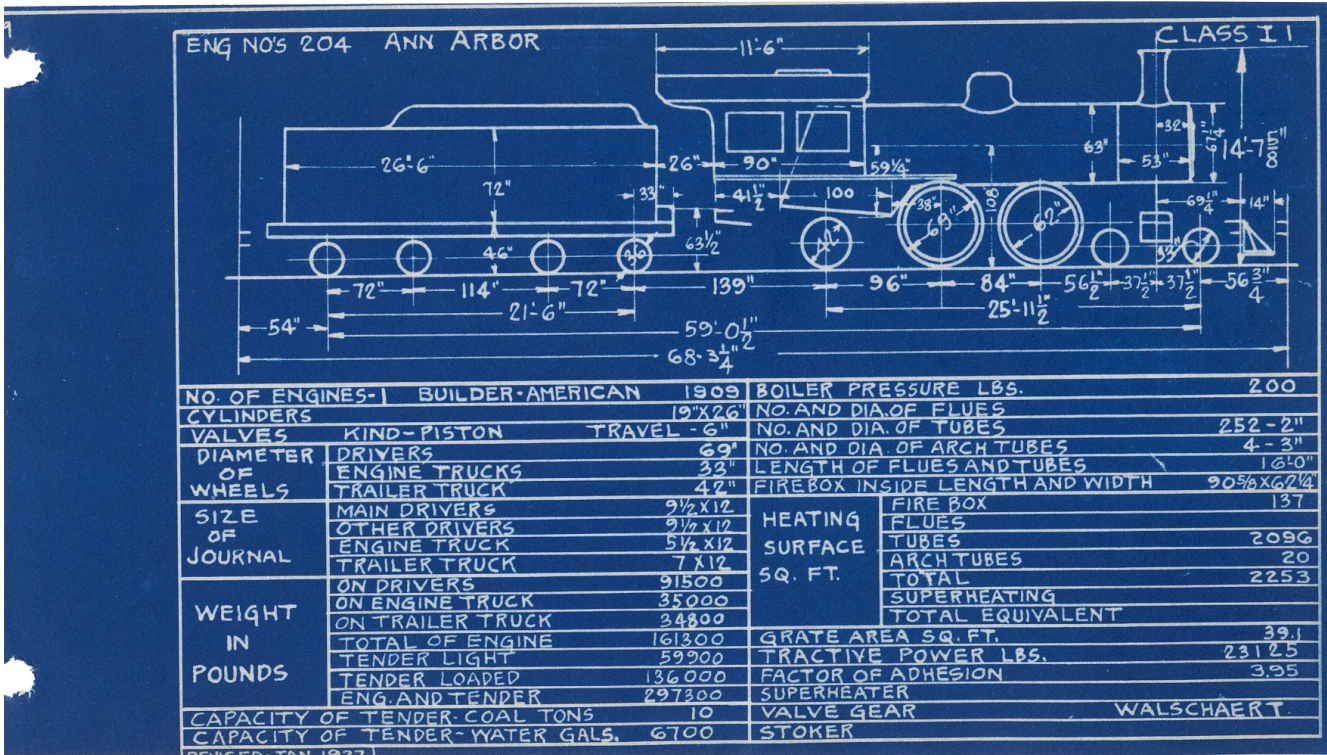
Page 16



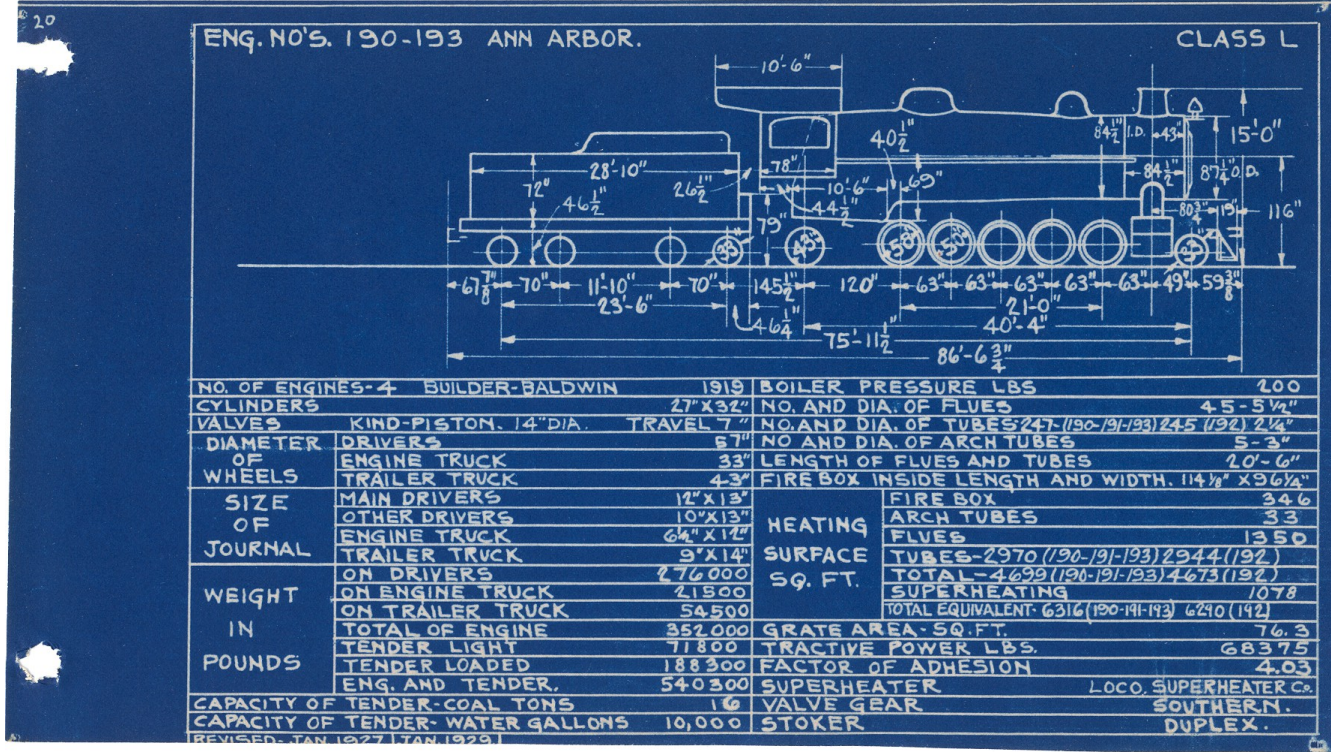
Page 17



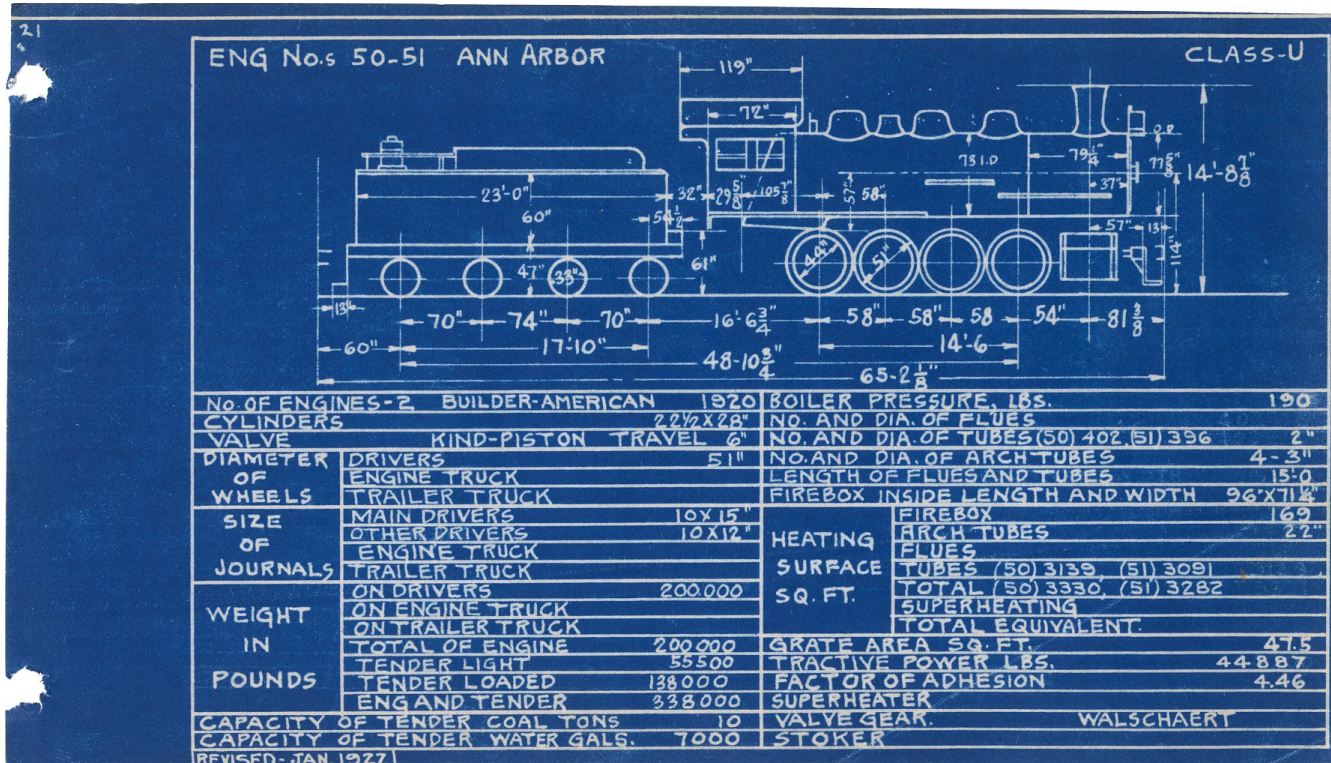
Page 18



Page 19



Page 20

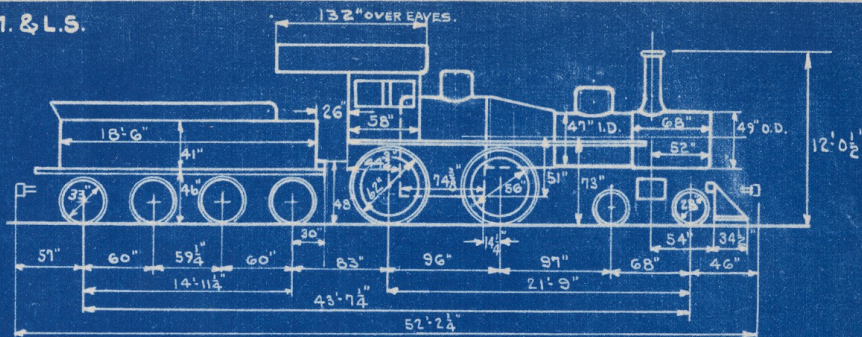


Page 21

ENGINE NO	CLASS	BUILDER	BUILT	TYPE	CYLINDERS	GRATE AREA SQ. FT.	BOILER DIA	HEATING SURFACE TOTAL	WHEEL CIR	WEIGHT		TANK CAPACITY GALLONS
										ENGINE	ON DRIVERS	
5	4-4-0	BALDWIN	1886	8 WH	16" x 24"	15.4	47"	854.97	56	70230	49350	2700
7	0-6-0	BROOKS	1905	6 WH	19" x 26"	26.4	56"	1243.44	44	118700	118700	4000
8	2-8-0	BALDWIN	1901	CONSOL	19" x 24"	23.9	56 $\frac{1}{2}$ "	1562	44	115000	101000	3600
9	4-6-0	BALDWIN	1890	10 WH	18" x 24"	17.11	51"	1181	48	120830	88140	3400
10	4-6-0	BALDWIN	1890	10 WH	18" x 24"	17.11	51"	1181	48	121040	88140	3400
11	2-8-0	BALDWIN	1892	CONSOL	20" x 24"	24	59"	1757	44	124500	109100	4500
12	2-8-0	BALDWIN	1895	CONSOL	18" x 24"	20	54"	1310	44	106000	94000	4000

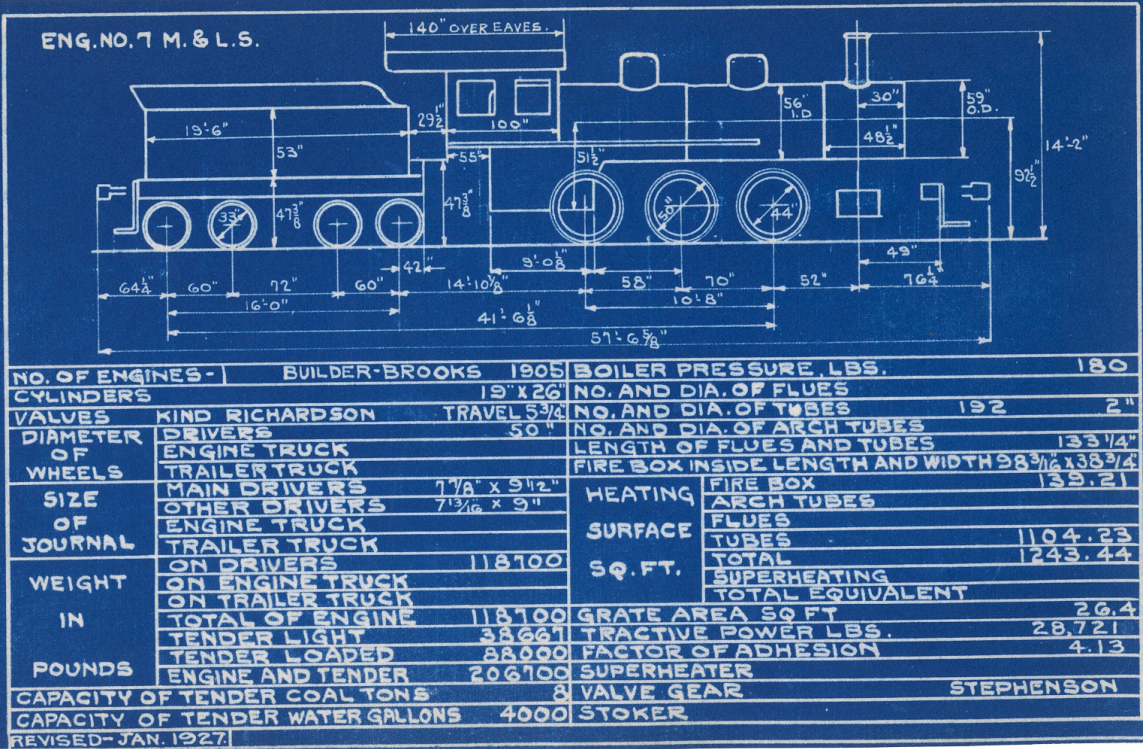
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ENG. NO. 5 M. & L. S.

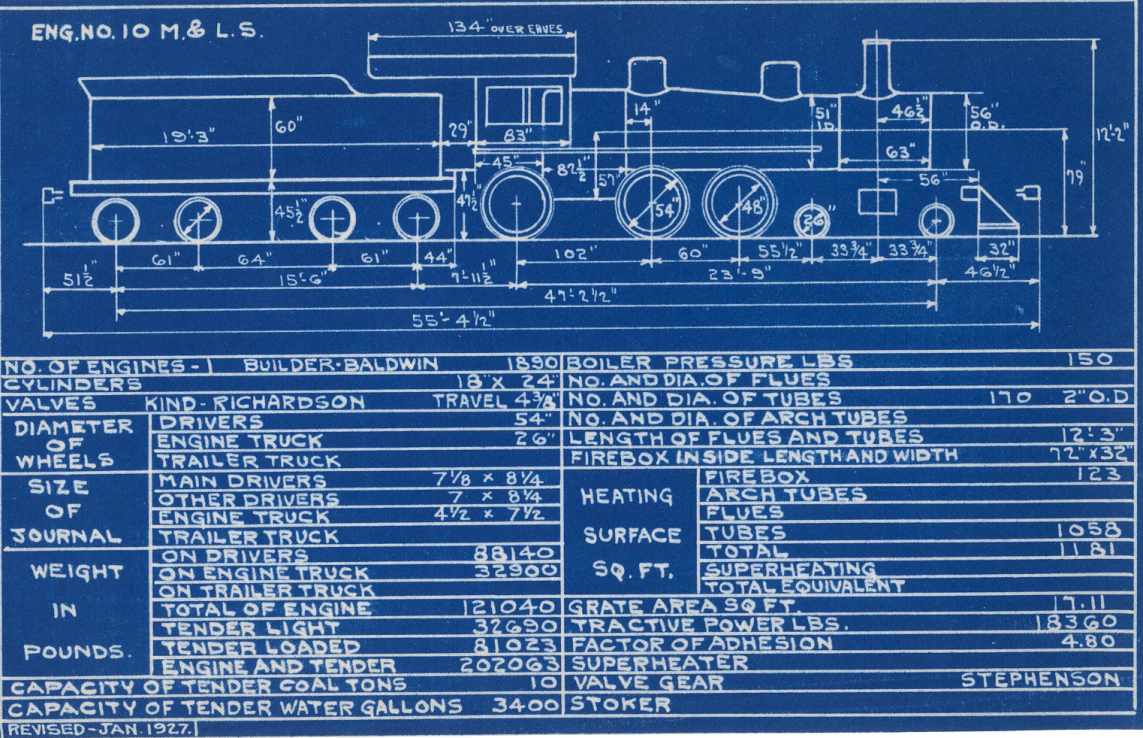


NO. OF ENGINES - 1	BUILDER - BALDWIN	1886	BOILER PRESSURE LBS	170
CYLINDERS	16" x 24"		NO. AND DIA. OF FLUES	
VALVES	KIND RICHARDSON TRAVEL	4 $\frac{1}{2}$ "	NO. AND DIA. OF ARCH TUBES	153 2" O.D.
DIAMETER OF WHEELS	DRIVERS	62"	LENGTH OF FLUES AND TUBES	130 $\frac{3}{8}$ "
	ENGINE TRUCK	28"	FIRE BOX INSIDE LENGTH AND WIDTH	64 $\frac{7}{8}$ " x 31 $\frac{1}{4}$ "
SIZE OF JOURNAL	TRAILER TRUCK		HEATING SURFACE	
	MAIN DRIVERS	6 $\frac{3}{16}$ " x 8 $\frac{1}{4}$ "	FIRE BOX	55.6
WEIGHT IN POUNDS	OTHER DRIVERS	6 $\frac{5}{8}$ " x 8 $\frac{1}{4}$ "	ARCH TUBES	
	ON DRIVERS	49350	FLUES	
CAPACITY OF TENDER	ON ENGINE TRUCK	21880	TUBES	759.37
	ON TRAILER TRUCK		TOTAL	854.97
CAPACITY OF TENDER COAL TONS	TOTAL OF ENGINE	70230	SUPERHEATING	
	TENDER LIGHT	25670	TOTAL EQUIVALENT	
CAPACITY OF TENDER WATER GALLONS	TENDER LOADED	60170	GRATE AREA SQ. FT.	15.4
	ENGINE AND TENDER	130400	TRACTIVE POWER LBS	14319
			FACTOR OF ADHESION	3.45
			SUPERHEATER	
			VALVE GEAR	STEPHENSON
			STOKER	

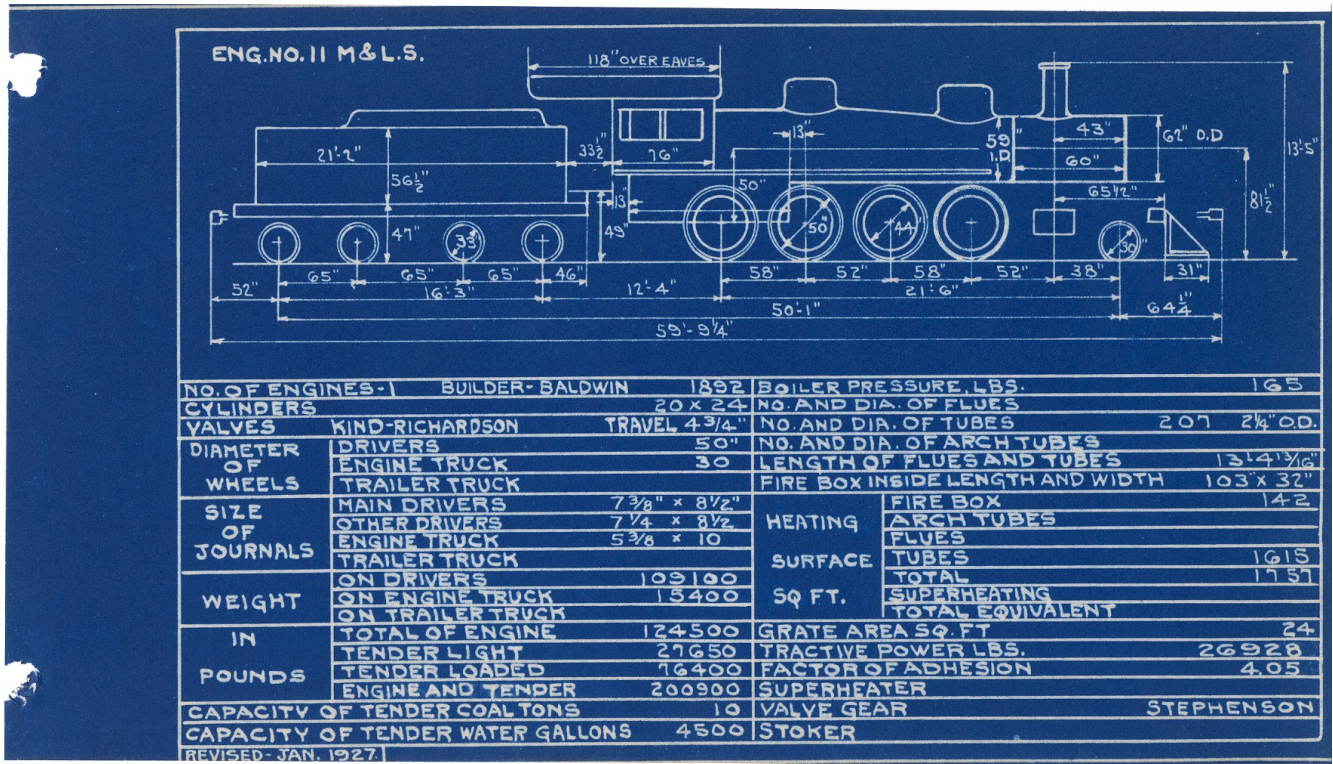
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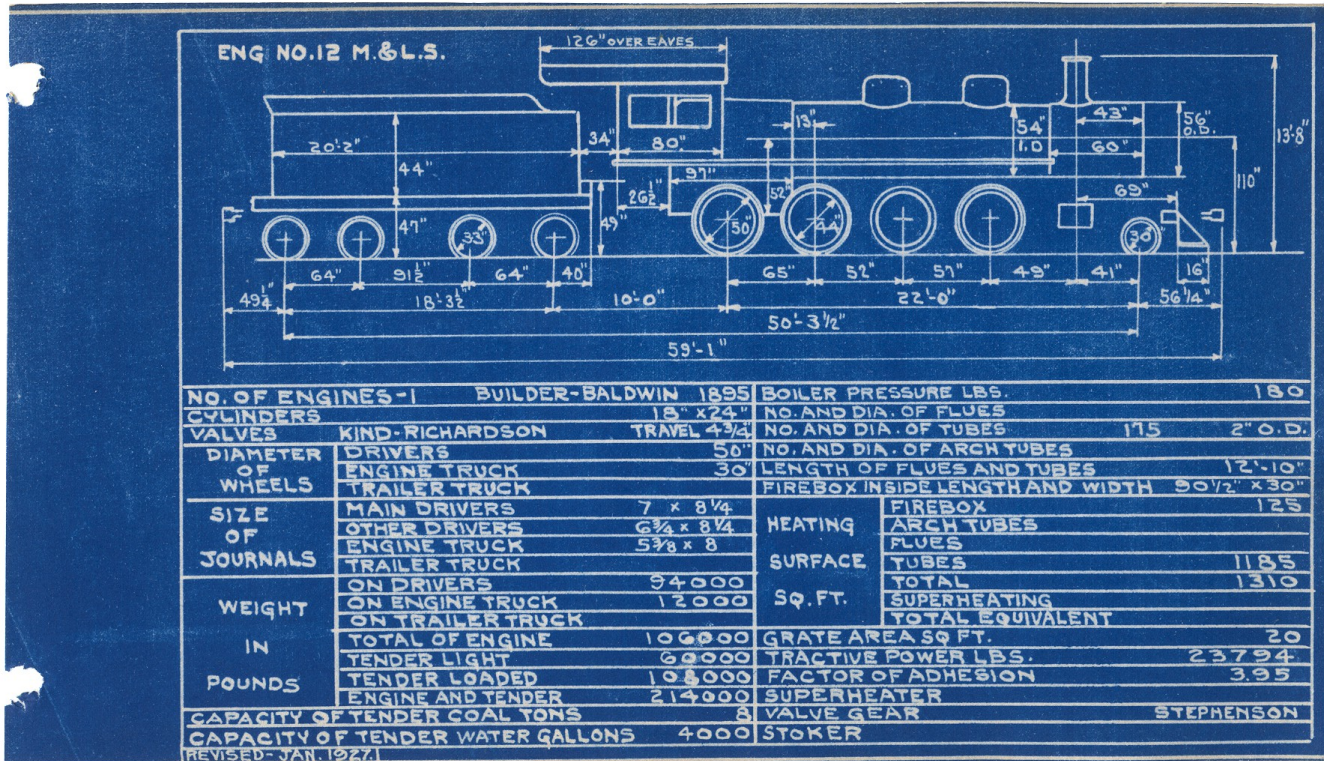
page 24



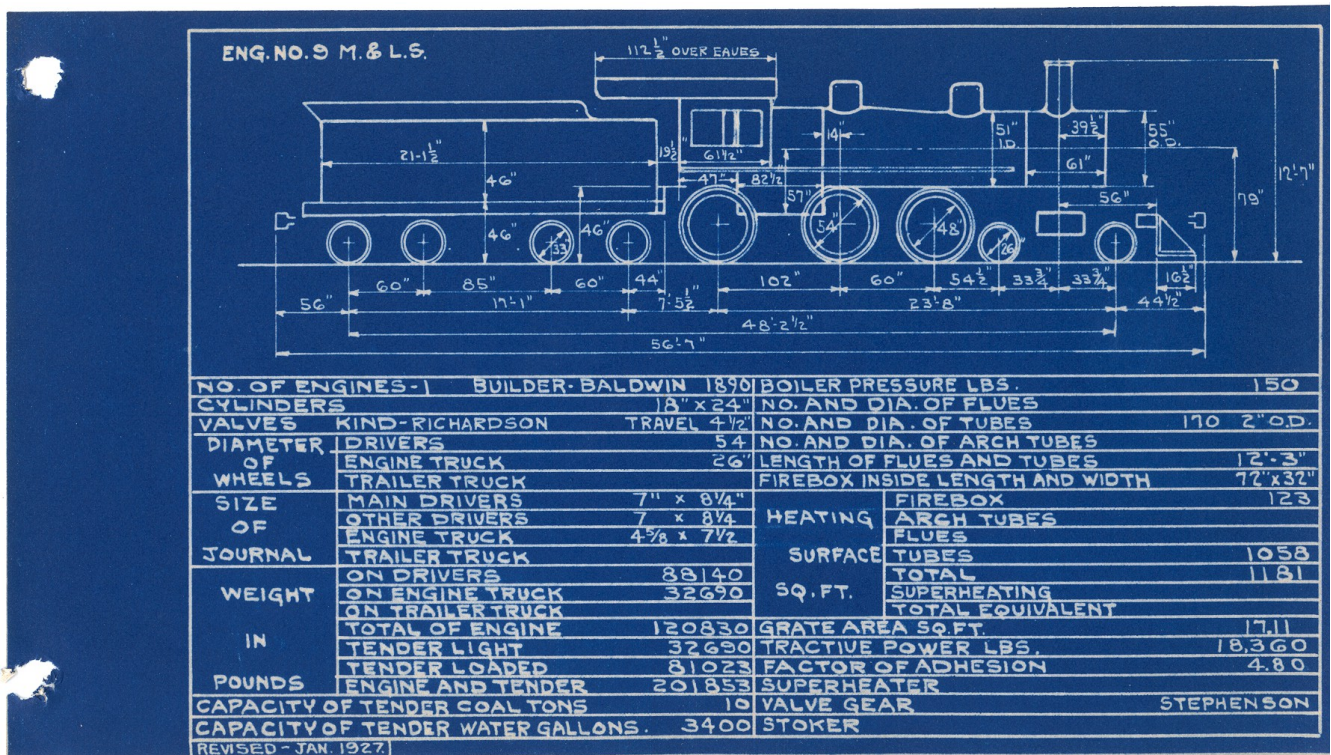
Page 25



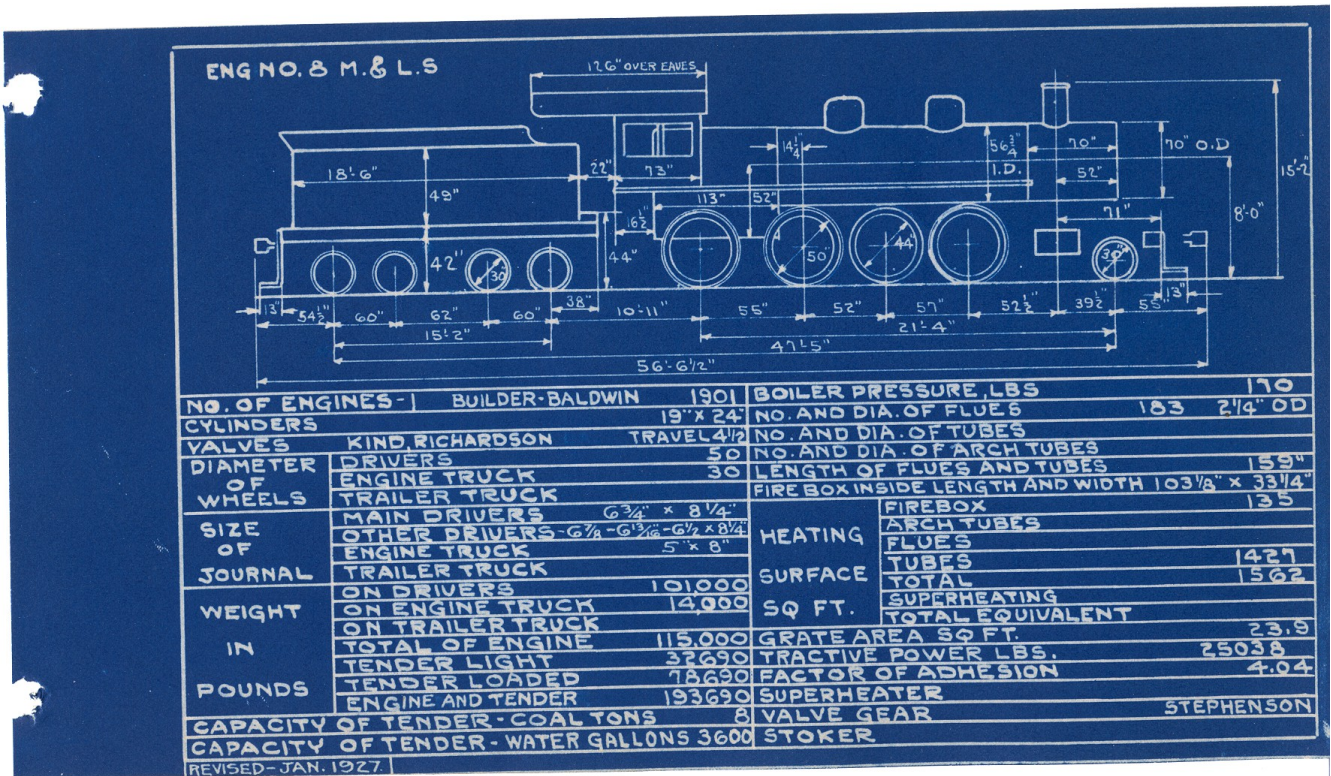
Page 26



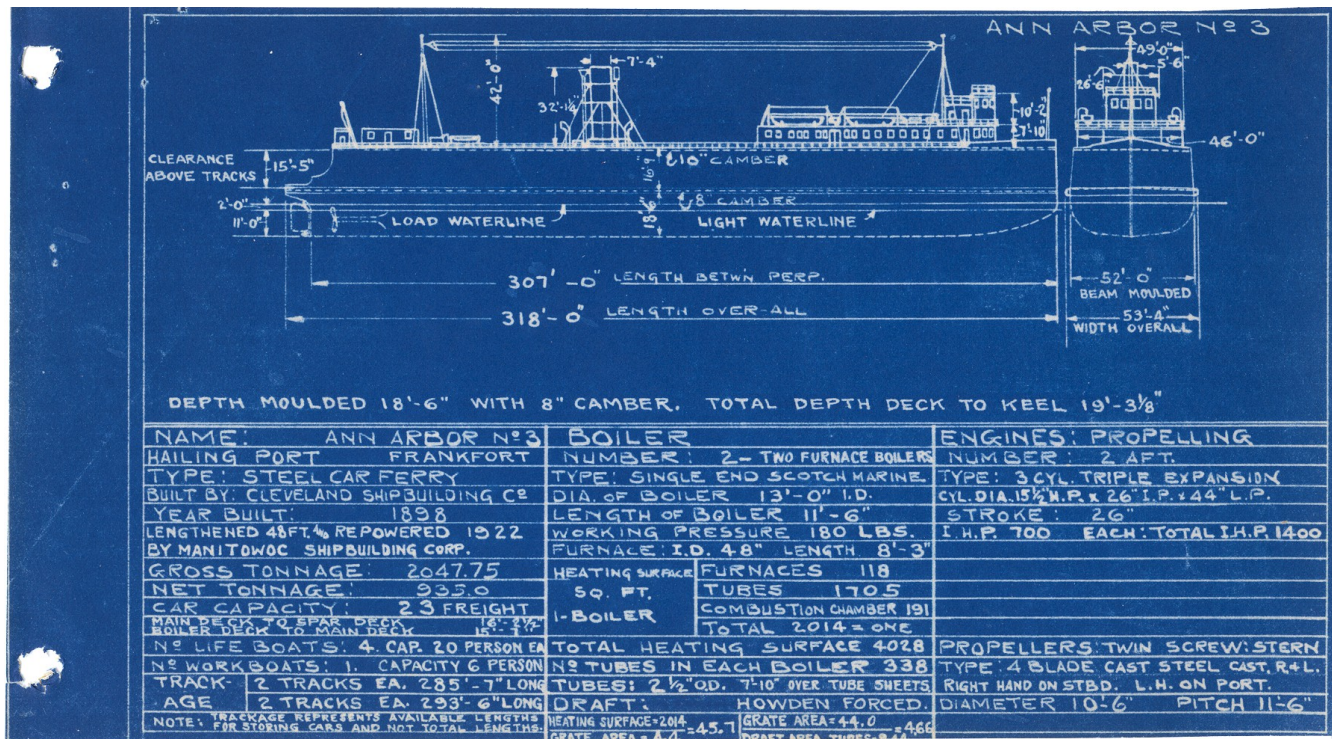
Page 27



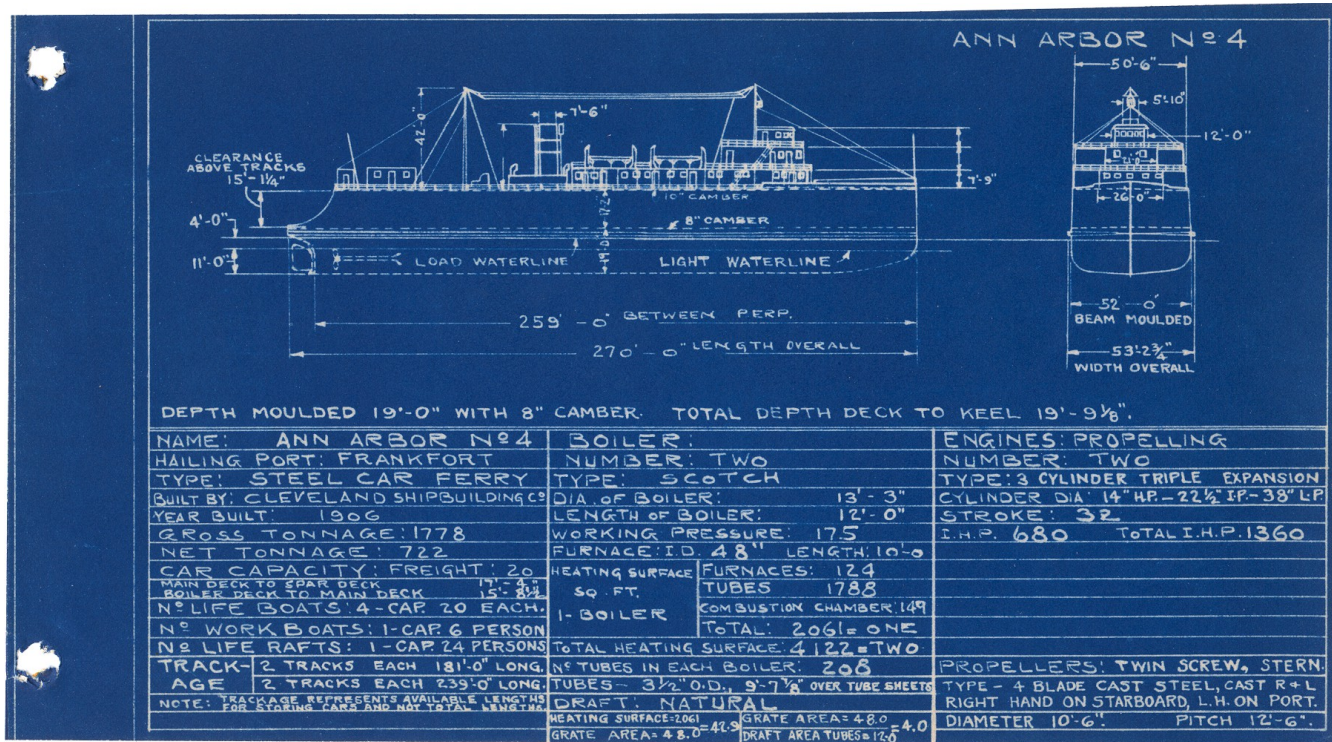
Page 28



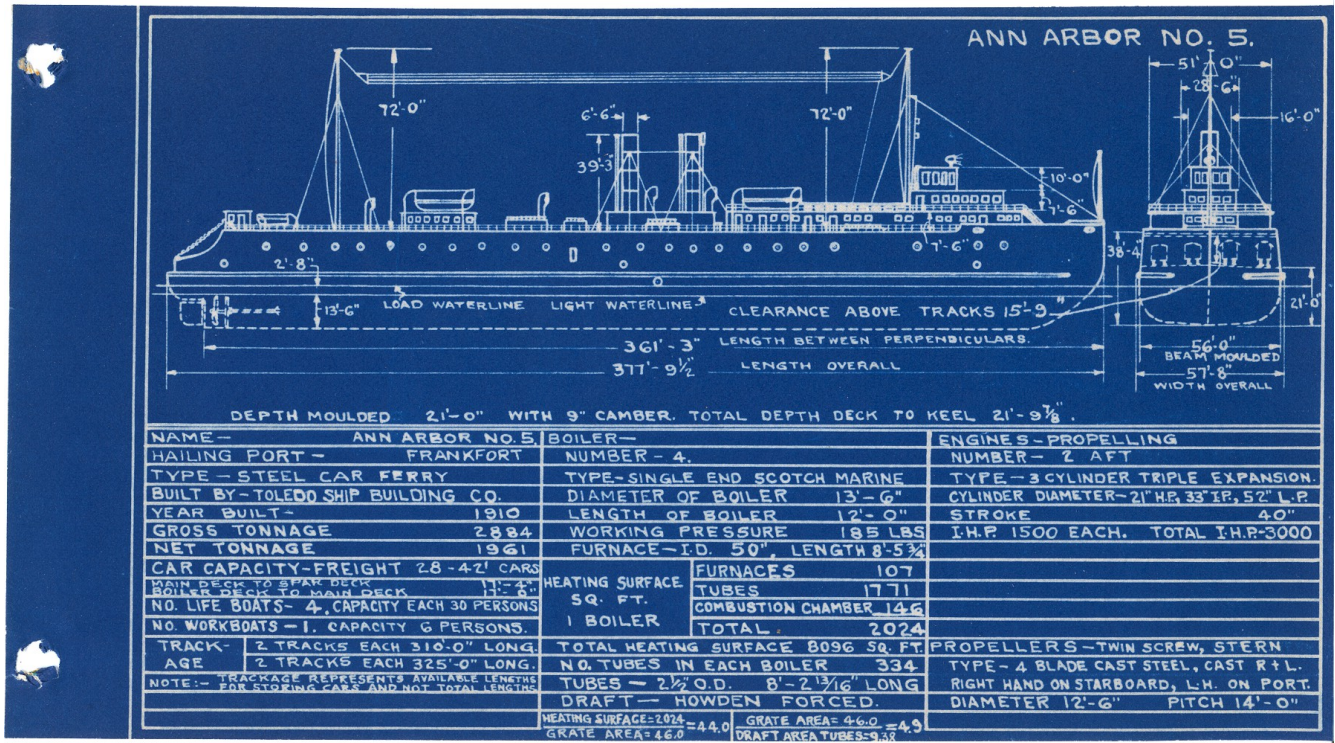
Page 29



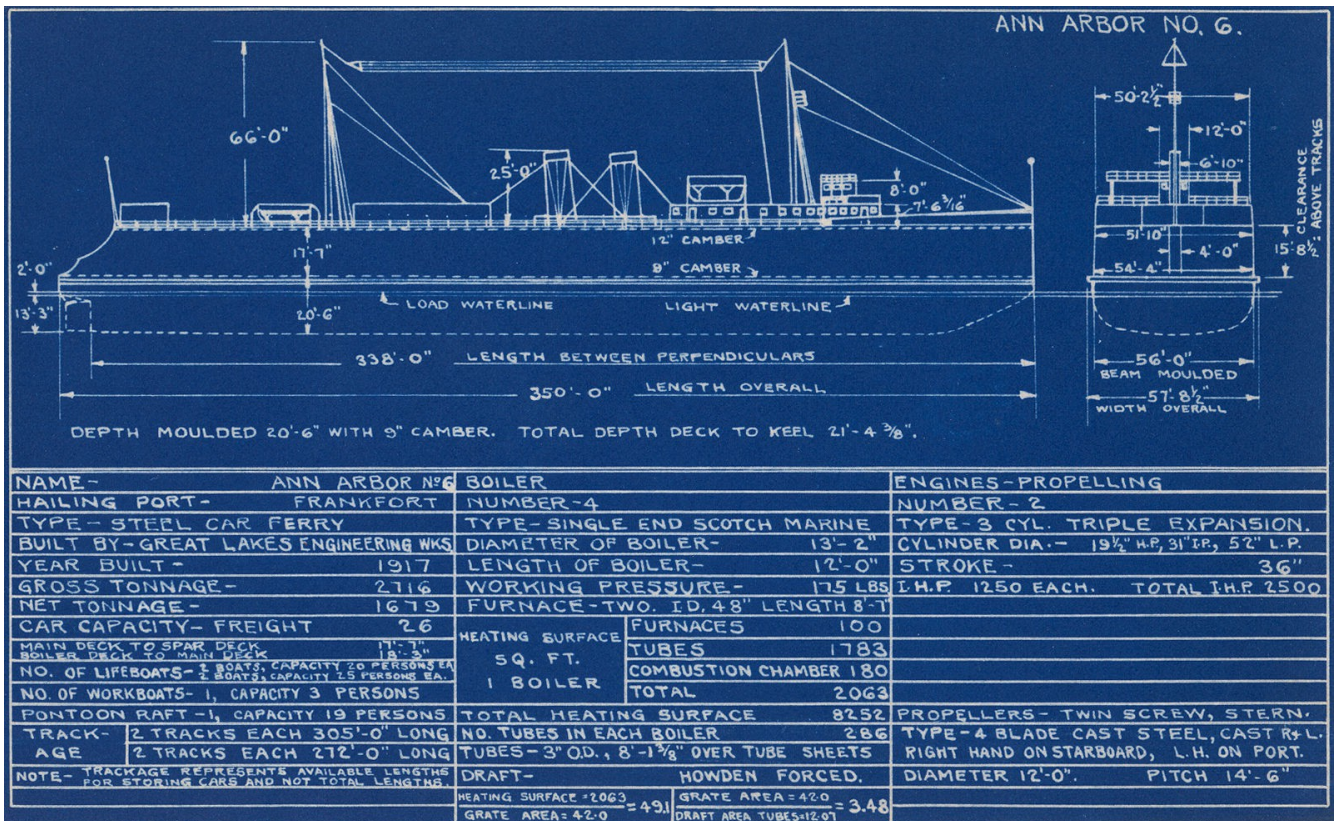
Page 30



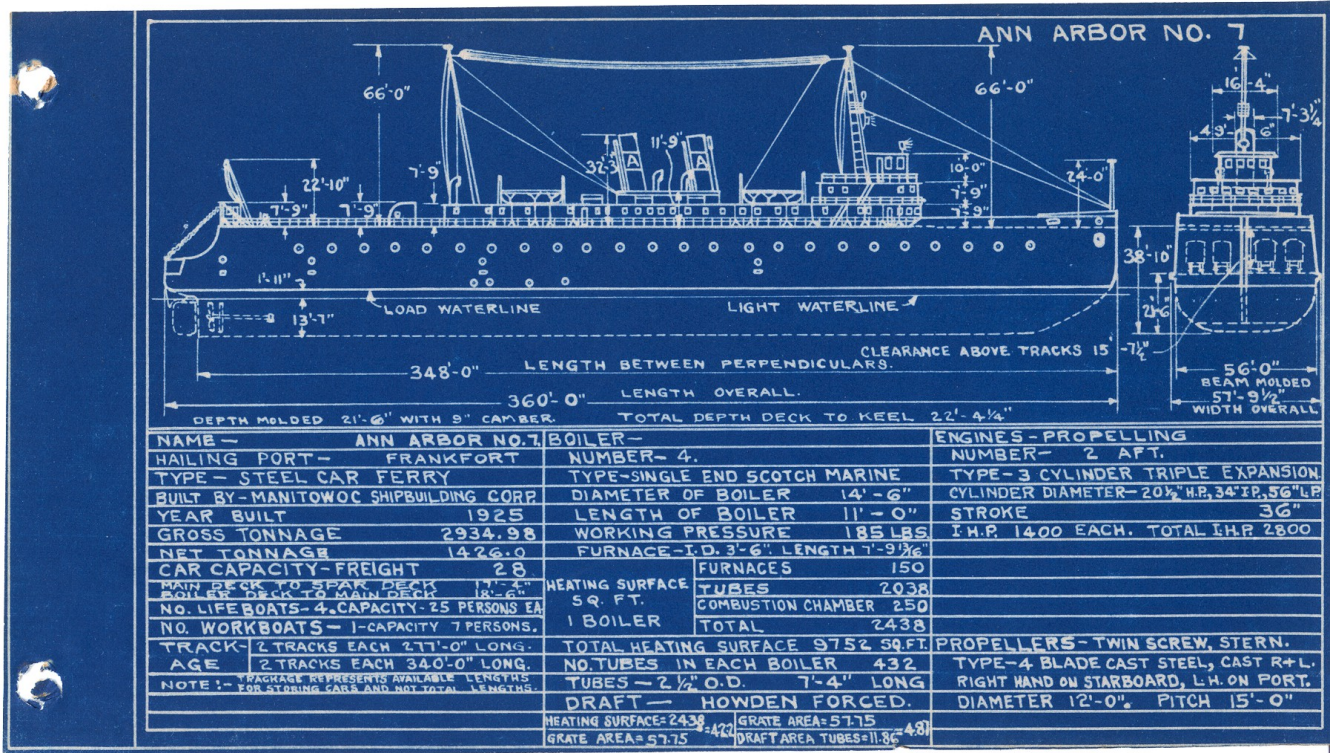
Page 31



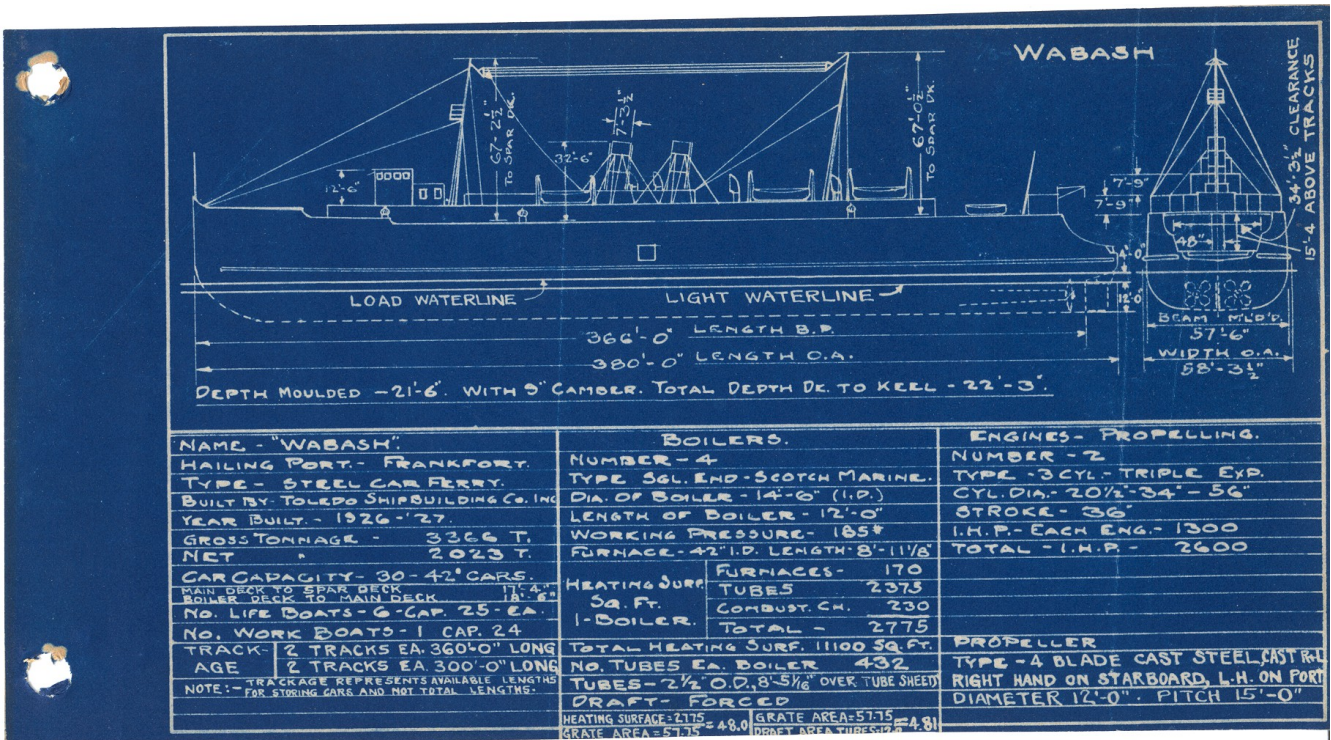
Page 32



Page 33

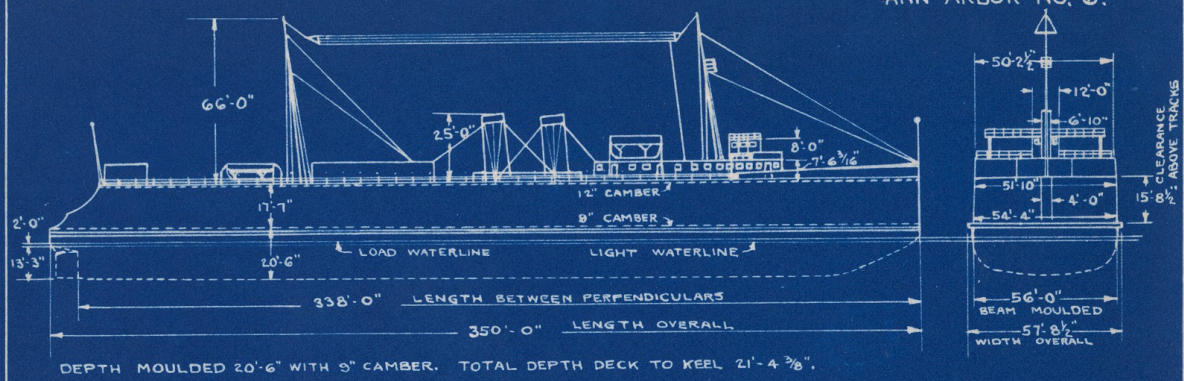


Page 34



Page 35

ANN ARBOR NO. 6.



DEPTH MOULDED 20'-6" WITH 9" CAMBER. TOTAL DEPTH DECK TO KEEL 21'-4 7/8".

NAME-	ANN ARBOR NO. 6	BOILER	NUMBER-4	ENGINES-PROPELLING	NUMBER-2
HAILING PORT-	FRANKFORT	TYPE-SINGLE END SCOTCH MARINE		TYPE-3 CYL. TRIPLE EXPANSION.	
BUILT BY-GREAT LAKES ENGINEERING WKS		DIAMETER OF BOILER-	13'-2"	CYLINDER DIA.-	19 1/2" H.P., 31" I.P., 52" L.P.
YEAR BUILT-	1917	LENGTH OF BOILER-	12'-0"	STROKE-	36"
GROSS TONNAGE-	2716	WORKING PRESSURE-	175 LBS	I.H.P. 1250 EACH. TOTAL I.H.P. 2500	
NET TONNAGE-	1679	FURNACE-TWO. I.D. 48" LENGTH 8'-7"			
CAR CAPACITY-FREIGHT	26	HEATING SURFACE	FURNACES	100	
MAIN DECK TO SPAR DECK	17'-7"	5 Q. FT.	TUBES	1783	
BOILER DECK TO MAIN DECK	18'-3"	1 BOILER	COMBUSTION CHAMBER	180	
NO. OF LIFEBOATS- 1 BOATS, CAPACITY 25 PERSONS EA.			TOTAL	2063	
NO. OF WORKBOATS- 1, CAPACITY 3 PERSONS		TOTAL HEATING SURFACE	8252	PROPELLERS- TWIN SCREW, STERN.	
PONTOON RAFT- 1, CAPACITY 19 PERSONS		NO. TUBES IN EACH BOILER	286	TYPE-4 BLADE CAST STEEL, CAST R+L.	
TRACK- 2 TRACKS EACH 305'-0" LONG		TUBES- 3" O.D., 8'-1 1/2" OVER TUBE SHEETS		RIGHT HAND ON STARBOARD, L.H. ON PORT.	
AGE- 2 TRACKS EACH 272'-0" LONG		DRAFT-	HOWDEN FORCED.	DIAMETER 12'-0".	PITCH 14'-6"
NOTE- TRACKAGE REPRESENTS AVAILABLE LENGTHS FOR STORING CARS AND NOT TOTAL LENGTHS.		HEATING SURFACE- 2063	GRATE AREA- 420		
		GRATE AREA- 42.0 = 491	DRAFT AREA TUBES- 12.01		