

— THE —  
**ANN ARBOR R.R. CO.** —

**- LOCOMOTIVE-EQUIPMENT -**

L-223

OFFICE OF SUPT. OF MOTIVE POWER  
 OWOSSO, Mich.

Manual cover

ENGINE NO.	BOILER PRESSURE	TRACTION POWER	FACTOR OF SAFETY	ENGINE NO.	BOILER PRESSURE	TRACTION POWER	FACTOR OF SAFETY
1	160	20736	4.2	161	200	43305	4.2
50	190	45000	5.0	162	"	"	"
51	"	"	"	170	180	50328	4.5
100	180	22794	4.5	171	"	"	"
101	"	"	"	172	"	"	"
102	"	"	"	180	185	54588	"
103	"	"	"	181	"	"	"
104	"	"	"	182	"	"	"
105	"	"	"	183	200	59000	"
106	170	21528	"	184	"	"	"
107	"	"	"	185	"	"	"
108	"	"	"	186	"	"	"
109	"	"	"	187	"	"	"
110	"	"	"	190	"	69400	"
111	"	"	"	191	"	"	"
126	180	23328	5.0	192	"	"	"
127	"	"	"	193	"	"	"
128	"	"	"	200	"	23125	4.2
150	200	43305	4.2	201	"	"	"
151	"	"	"	202	"	"	"
152	"	"	"	203	"	"	"
153	"	"	"	204	"	"	"
154	"	"	"				
155	"	"	"				
156	"	"	"				
157	"	"	"				
158	"	"	"				
159	"	"	"				
160	"	"	"				
<b>TOTAL TRACTIVE POWER</b>						<b>2012590</b>	



ENGINE NO.	CLASS	BUILT	BUILDER	BUILDERS NO.	TYPE	CYLINDERS	GRATE AREA SQ. FT.	BOILER	HEATING SURFACE TOTAL	WHEEL CTR.	WEIGHT		TANK CAPACITY	FUEL TONS	FACTOR OF ADHESION
											ENGINE	ON DRIVERS			
1	A	1898	PITTSBURGH	1586	0-60	18" X 24"	15.3	54"	1313 SQ. FT.	44"	96000	96000	3500	8	4.6
50	U	1920	AMERICAN	61984	0-8-0	22 1/2 X 28	47.5	73"	3306 "	52"	200000	200000	7,000	10	4.5
51	"	"	"	61985	"	"	"	"	"	"	"	"	"	"	"
100	F	1899	"	16405	"	19" X 26"	26.0	58"	1873 "	56"	125000	90000	6500	10	3.9
101	"	"	"	16406	"	"	"	"	"	"	"	"	"	"	"
102	F-1	"	"	16025	"	"	31.0	67"	1845 "	"	131240	104665	"	"	4.5
103	"	"	"	16026	"	"	"	"	"	"	"	"	"	"	"
104	F2	1900	PITTSBURGH	2162	"	"	28.0	62"	1991 "	"	140000	114000	"	"	5.0
105	"	"	"	2163	"	"	"	"	2263 "	"	"	"	"	"	"
106	F-3	1902	BALDWIN	19988	"	"	31.0	"	"	"	150000	104000	"	"	4.8
107	"	"	"	19989	"	"	"	"	"	"	"	"	"	"	"
108	"	1903	"	21526	"	"	"	"	"	"	"	"	6000	"	"
109	"	"	"	21570	"	"	"	"	"	"	"	"	6500	"	"
110	"	"	"	23202	"	"	"	"	"	"	"	"	"	"	"
111	"	"	"	23212	"	"	"	"	"	"	"	"	"	"	"
126	E	1896	BALDWIN	14349	2-8-0	18" X 24"	200	54	1310 SQ. FT.	44	106000	94000	3500	10	4.0
127	"	"	"	14578	"	"	"	"	"	"	"	"	"	"	"
128	"	"	"	14579	"	"	"	"	"	"	"	"	"	"	"
150	G	1908	AMERICAN	45772	2-8-0	22 X 30"	49.5	80"	2804 SQ. FT.	50"	216000	192000	8000	16	4.4
151	"	"	"	45773	"	"	"	"	"	"	"	"	"	"	"
152	"	"	"	45774	"	"	"	"	3500 "	"	"	"	"	"	"
153	"	"	"	45775	"	"	"	"	"	"	"	"	"	"	"
154	"	"	"	45776	"	"	"	"	2804 "	"	"	"	"	"	"
155	"	"	"	45777	"	"	"	"	3500 "	"	"	"	"	"	"

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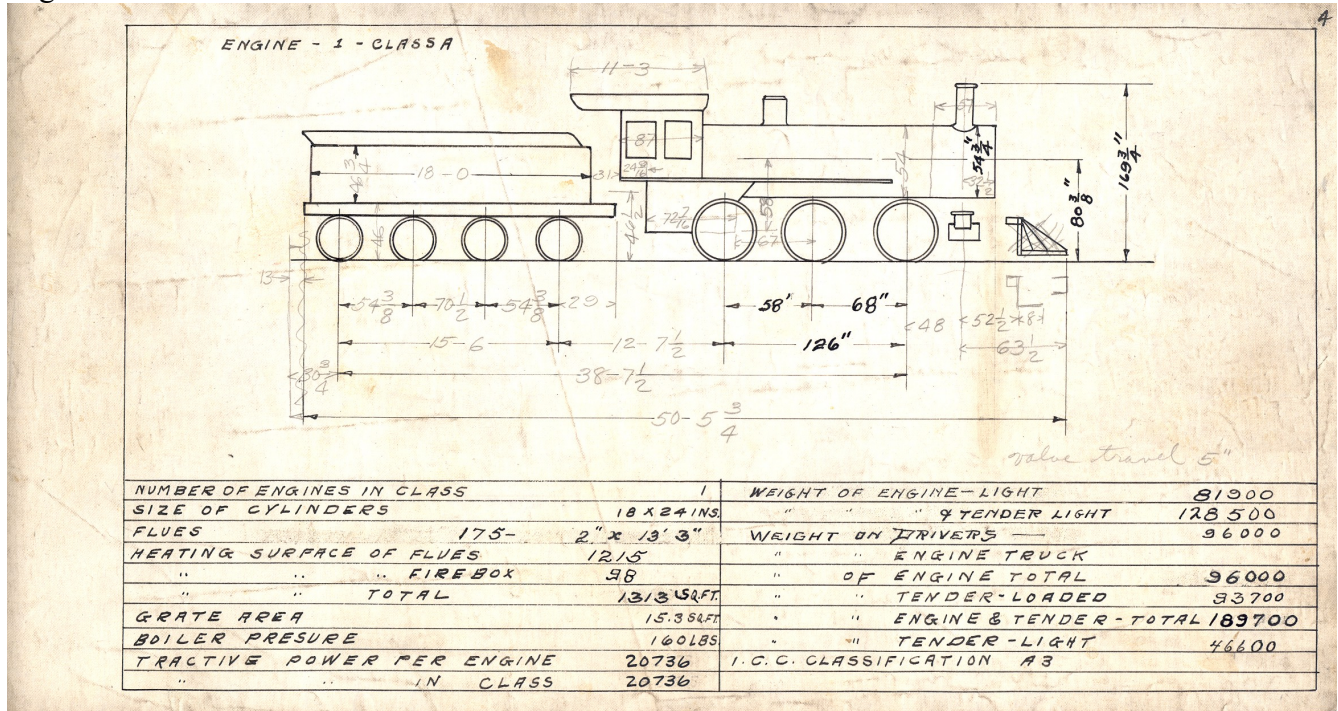
ENGINE NO.	CLASS	BUILT	BUILDER	BUILDERS NO.	TYPE	CYLINDERS	GRATE AREA SQ. FT.	BOILER	HEATING SURFACE TOTAL	WHEEL CTR.	WEIGHT		TANK CAPACITY	FUEL TONS	FACTOR OF ADHESION
											ENGINE	ON DRIVERS			
1	A	1898	PITTSBURGH	1586	0-60	18" X 24"	15.3	54"	1313 SQ. FT.	44"	96000	96000	3500	8	4.6
7	B				4 4 0		.0			5					4.2
9	"									"					"
50	U	1920	AMERICAN	61984	0-8-0	22 1/2 X 28	47.5	73"	3306 "	52"	200000	200000	7,000	10	4.5
51	"	"	"	61985	"	"	"	"	"	"	"	"	"	"	"
71	"	1 0	"	"	4 - 0					48"	66				3.
100	F	1899	"	16405	"	19" X 26"	26.0	58"	1873 "	56"	125000	90000	6500	10	3.9
101	"	"	"	16406	"	"	"	"	"	"	"	"	"	"	"
102	F-1	"	"	16025	"	"	31.0	67"	1845 "	"	131240	104665	"	"	4.5
103	"	"	"	16026	"	"	"	"	"	"	"	"	"	"	"
104	F2	1900	PITTSBURGH	2162	"	"	28.0	62"	1991 "	"	140000	114000	"	"	5.0
105	"	"	"	2163	"	"	"	"	2263 "	"	"	"	"	"	"
106	F-3	1902	BALDWIN	19988	"	"	31.0	"	"	"	150000	104000	"	"	4.8
107	"	"	"	19989	"	"	"	"	"	"	"	"	"	"	"
108	"	1903	"	21526	"	"	"	"	"	"	"	"	6000	"	"
109	"	"	"	21570	"	"	"	"	"	"	"	"	6500	"	"
110	"	"	"	23202	"	"	"	"	"	"	"	"	"	"	"
111	"	"	"	23212	"	"	"	"	"	"	"	"	"	"	"
126	E	1896	BALDWIN	14349	2-8-0	18" X 24"	200	54	1310 SQ. FT.	44	106000	94000	3500	10	4.0
127	"	"	"	14578	"	"	"	"	"	"	"	"	"	"	"
128	"	"	"	14579	"	"	"	"	"	"	"	"	"	"	"
1 0	"	"	"	"	2 X			6	1 7	"	1	1			4
150	G	1908	AMERICAN	45772	2-8-0	22 X 30"	49.5	80"	2804 SQ. FT.	50"	216000	192000	8000	16	4.4
151	"	"	"	45773	"	"	"	"	"	"	"	"	"	"	"
152	"	"	"	45774	"	"	"	"	3500 "	"	"	"	"	"	"
153	"	"	"	45775	"	"	"	"	"	"	"	"	"	"	"
154	"	"	"	45776	"	"	"	"	2804 "	"	"	"	"	"	"
155	"	"	"	45777	"	"	"	"	3500 "	"	"	"	"	"	"

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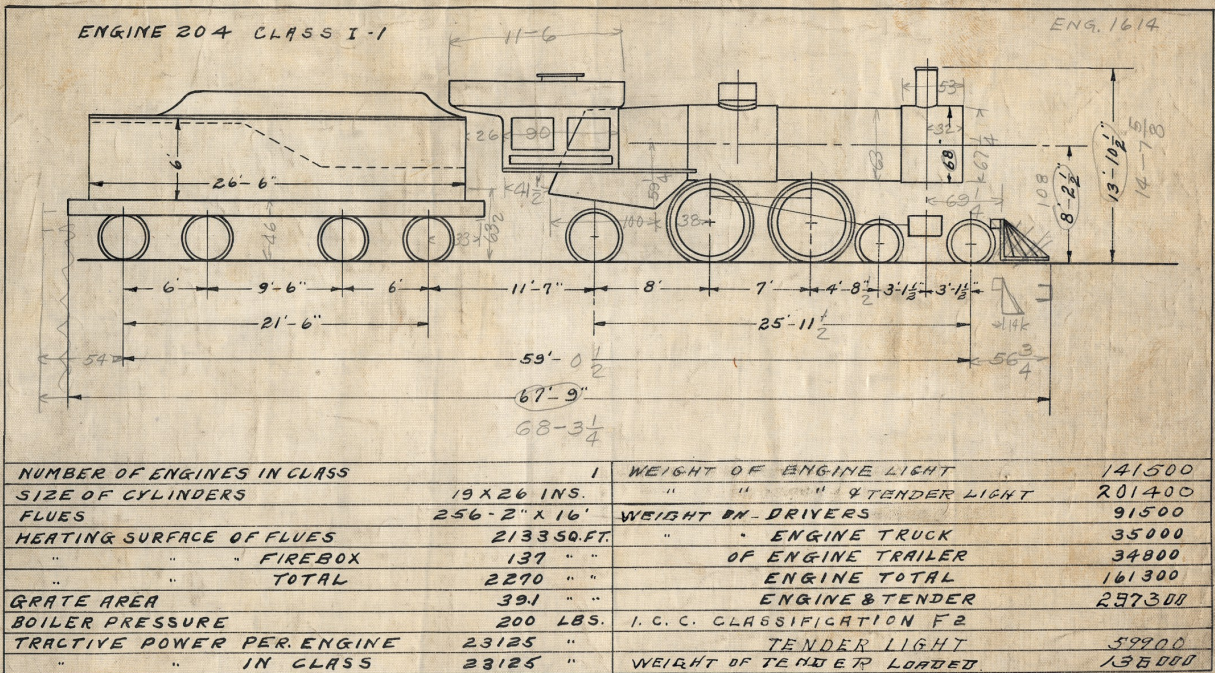
ENGINE NO.	CLASS	BUILT	BUILDER	BUILDER NO.	TYPE	CYLINDERS	GRATE AREA SQ. FT.	BOILER	TOTAL SQ. FT. HEATING SURFACE	WHEEL CENTER	WEIGHT ENGINE	DRIVERS	TANK CAPACITY	FUEL TONS	FACTOR OF ADHESION
156	G	1908	A.L.C.	45778	2-8-0	22X30	49.5	80	2804	50	216000	192000	8000	16	4.4
157	"	"	"	45779	"	"	"	"	"	"	"	"	"	"	"
158	"	"	"	45780	"	"	"	"	"	"	"	"	"	"	"
159	G-1	1909	"	46212	"	"	"	"	3500	"	"	"	"	"	"
160	"	"	"	46213	"	"	"	"	"	"	"	"	"	"	"
161	"	"	"	46214	"	"	"	"	"	"	"	"	"	"	"
162	"	"	"	46215	"	"	"	"	"	"	"	"	"	"	"
170	G-2	1912	"	51507	"	25X30	56.5	83	2840	"	231000	208000	"	"	4.1
171	"	"	"	51508	"	"	"	"	"	"	"	"	"	"	"
172	"	"	"	51509	"	"	"	"	"	"	"	"	"	"	"
180	H	1917	"	56592	2-8-2	27X30	70.4	82 5/8	3965	56	294500	224500	9000	15	"
181	"	"	"	56593	"	"	"	"	"	"	"	"	"	"	"
182	"	"	"	56594	"	"	"	"	"	"	"	"	"	"	"
183	H-1	1923	"	64308	"	"	"	81 3/16	4077	"	307000	228500	"	"	3.95
184	"	"	"	64309	"	"	"	"	"	"	"	"	"	"	"
185	"	"	"	64310	"	"	"	"	"	"	"	"	"	"	"
186	"	"	"	64902	"	"	"	"	"	"	"	"	"	"	"
187	"	"	"	64903	"	"	"	"	"	"	"	"	"	"	"
190	L	1919	BALDWIN	52248	2-10-2	27X32	76.3	86	4666	50	352000	276000	10000	16	3.96
191	"	"	"	52279	"	"	"	"	"	"	"	"	"	"	"
192	"	"	"	52280	"	"	"	"	"	"	"	"	"	"	"
193	"	"	"	52281	"	"	"	"	"	"	"	"	"	"	"
200	I	1907	A.L.C.	43298	4-2	19X26	39.1	64	2270	62	161300	91500	6700	10	3.9
201	"	"	"	43299	"	"	"	"	"	"	"	"	"	"	"
202	"	"	"	43300	"	"	"	"	"	"	"	"	"	"	"
203	"	"	"	43301	"	"	"	"	"	"	"	"	"	"	"
204	I-1	1909	"	46202	"	"	"	"	"	"	"	"	"	"	"

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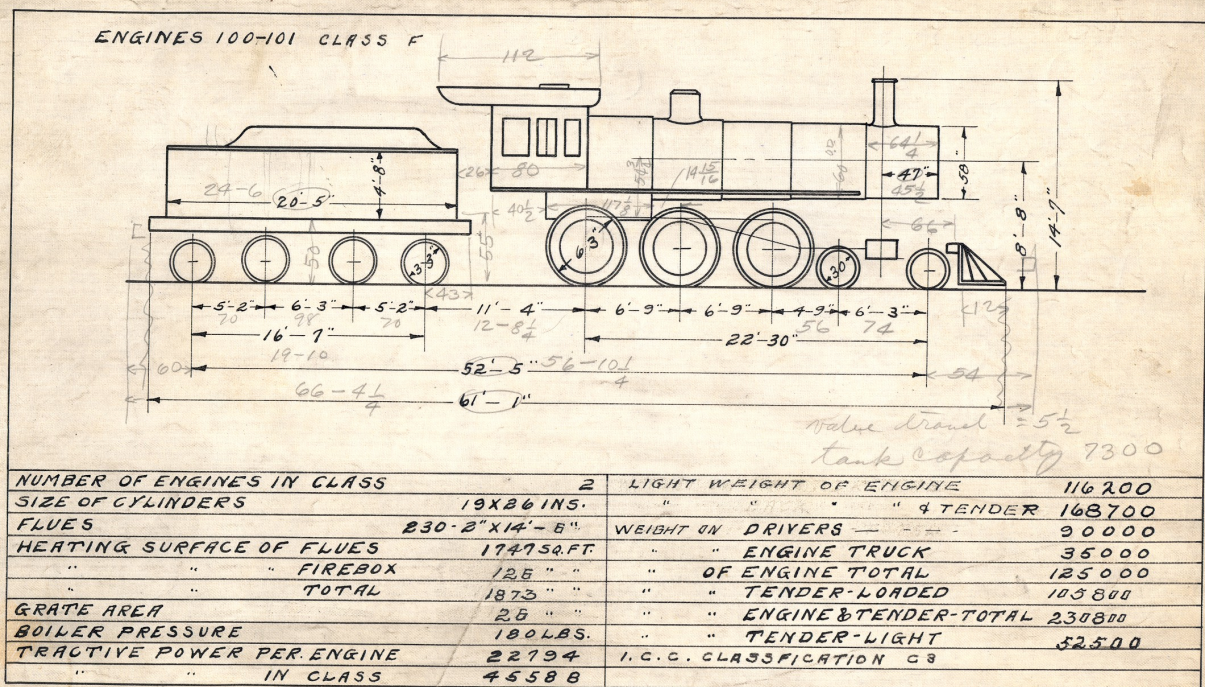


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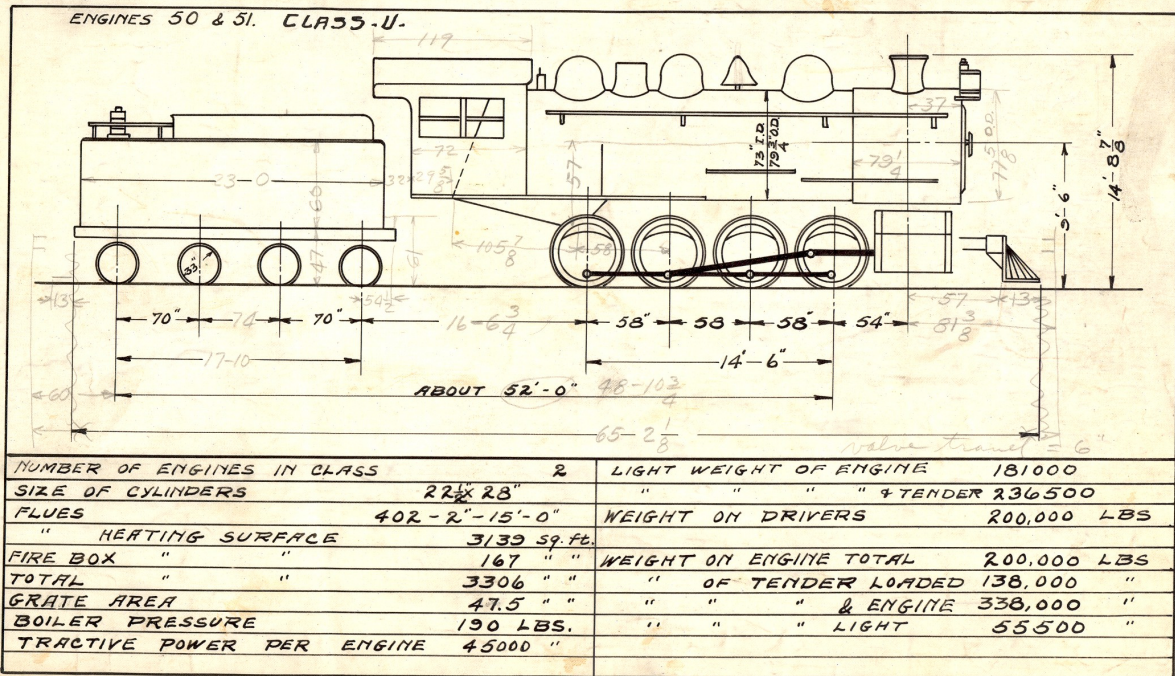


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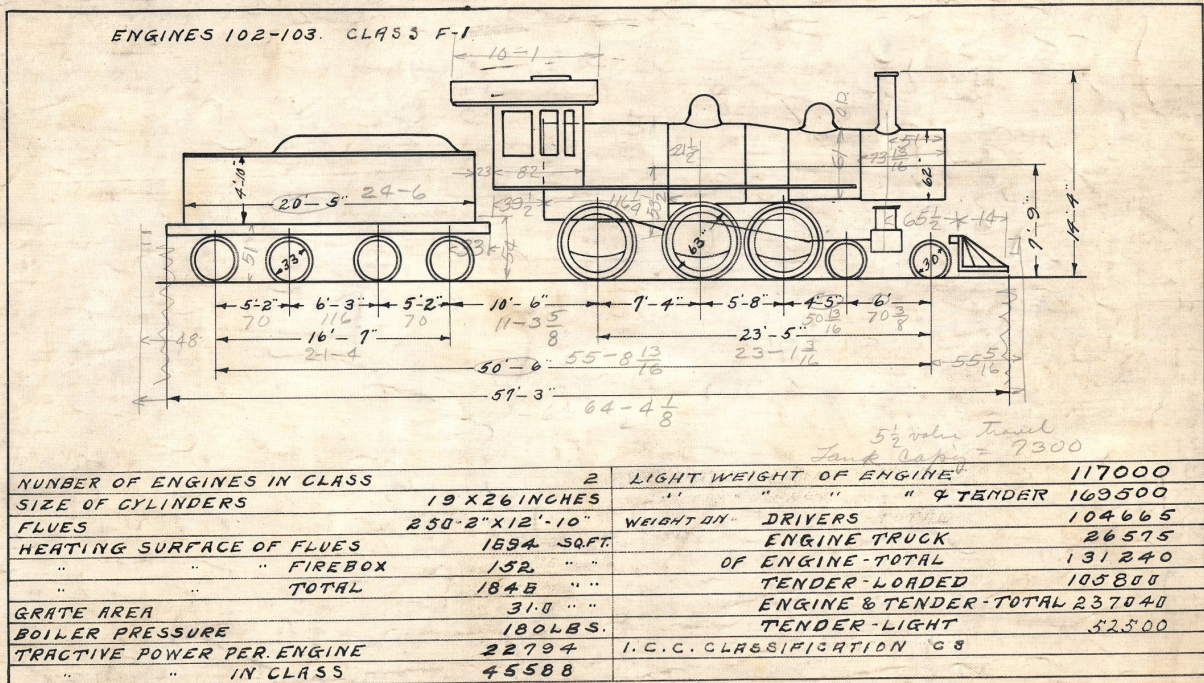


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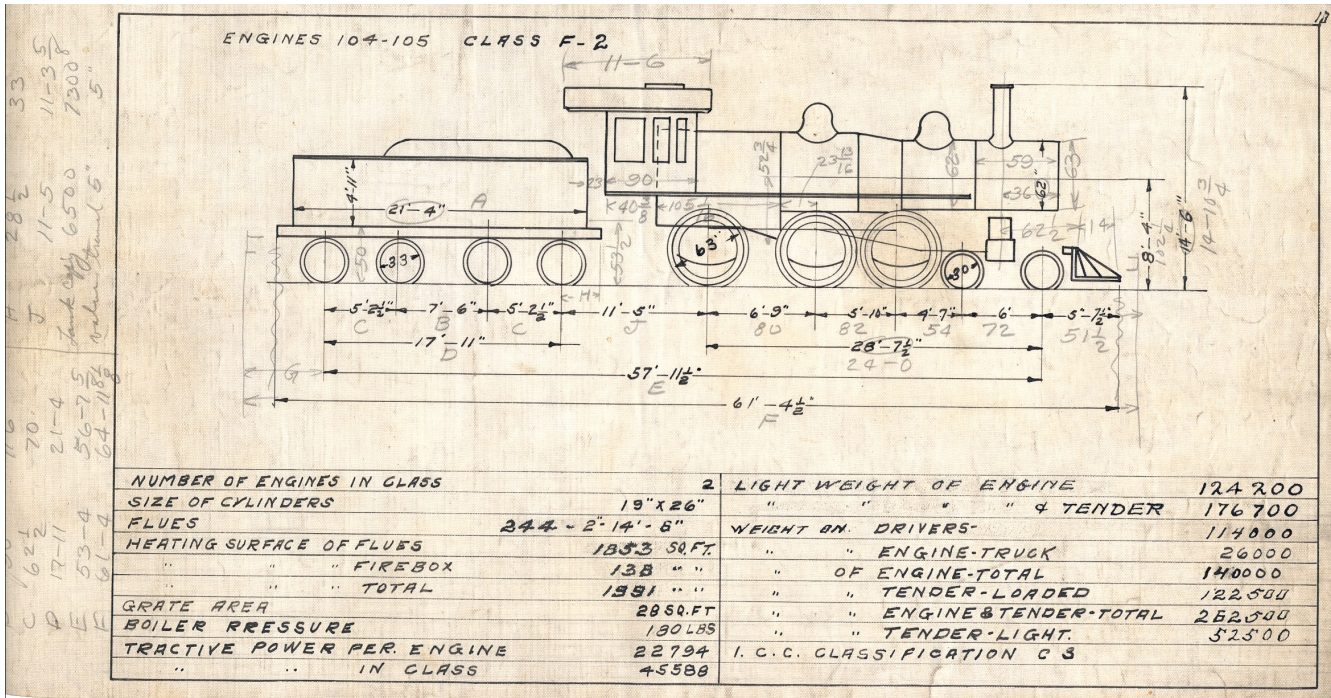


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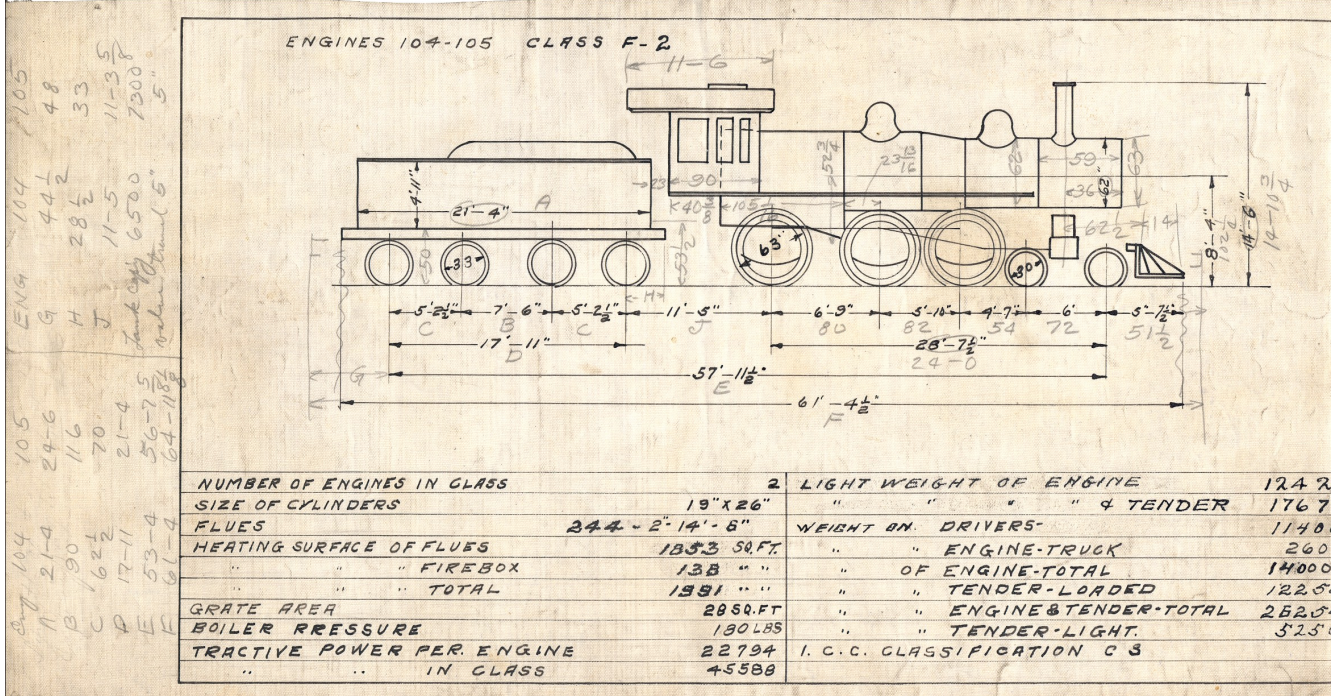


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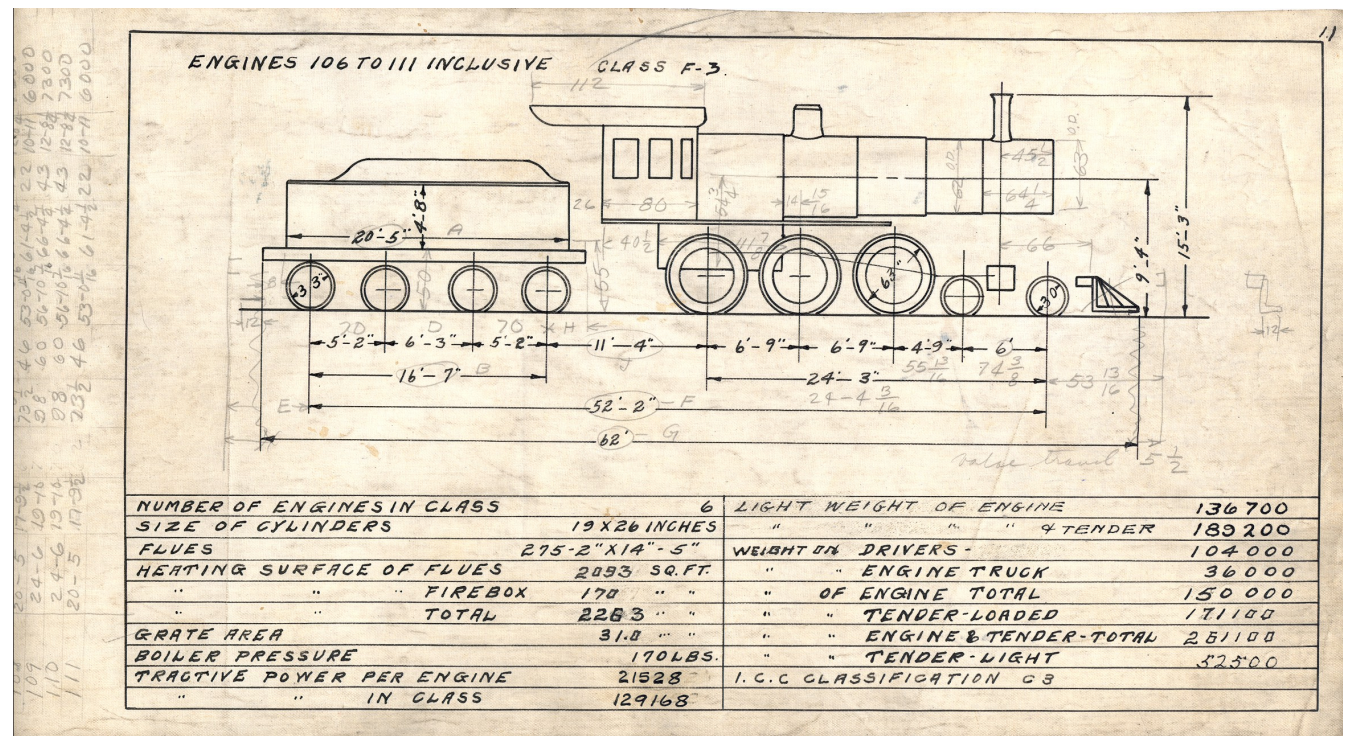
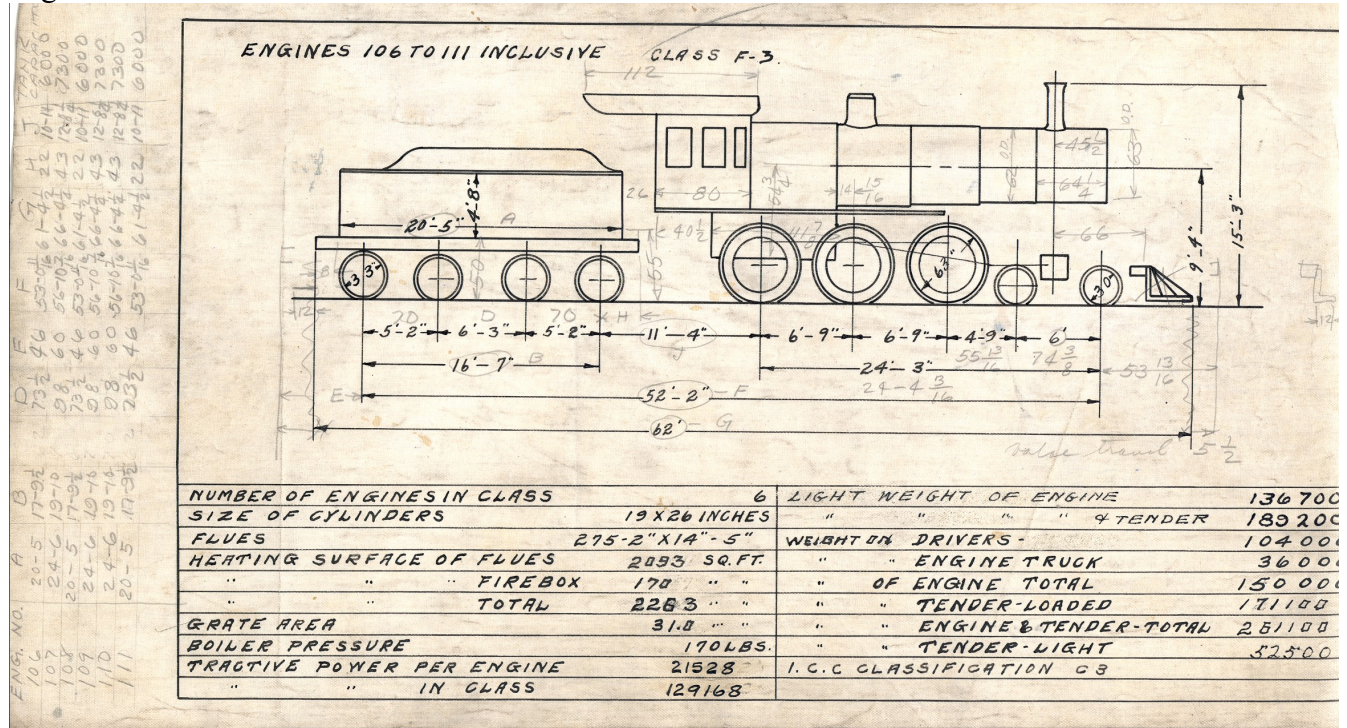


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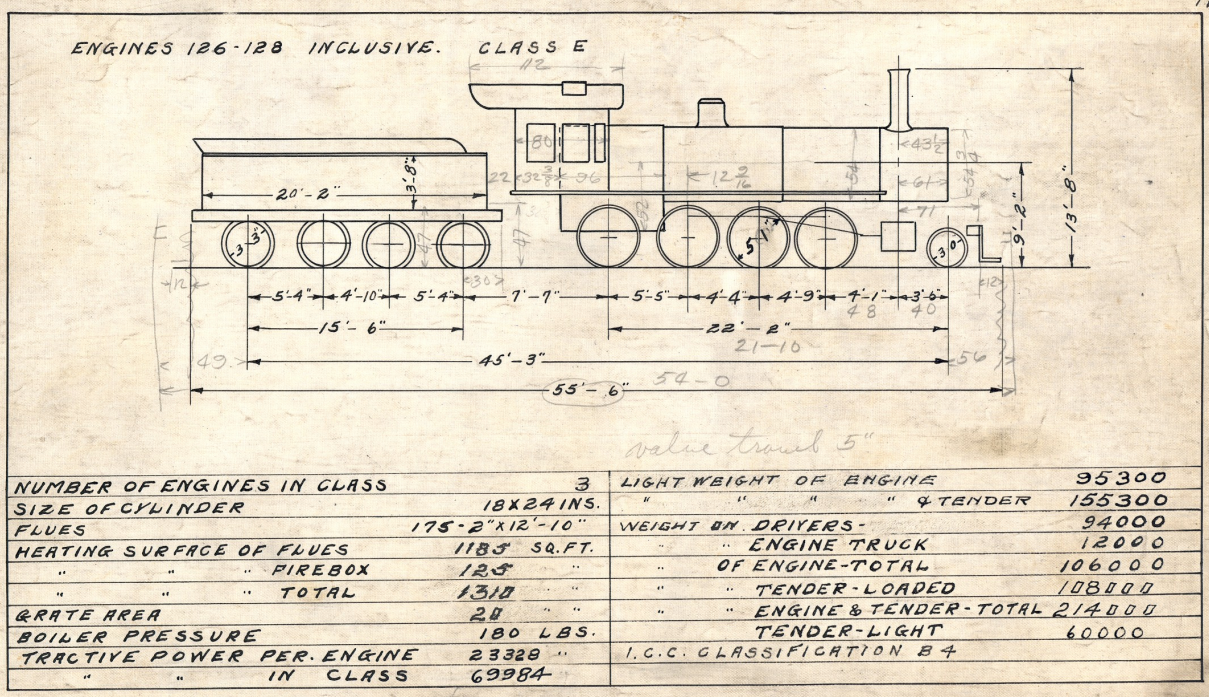


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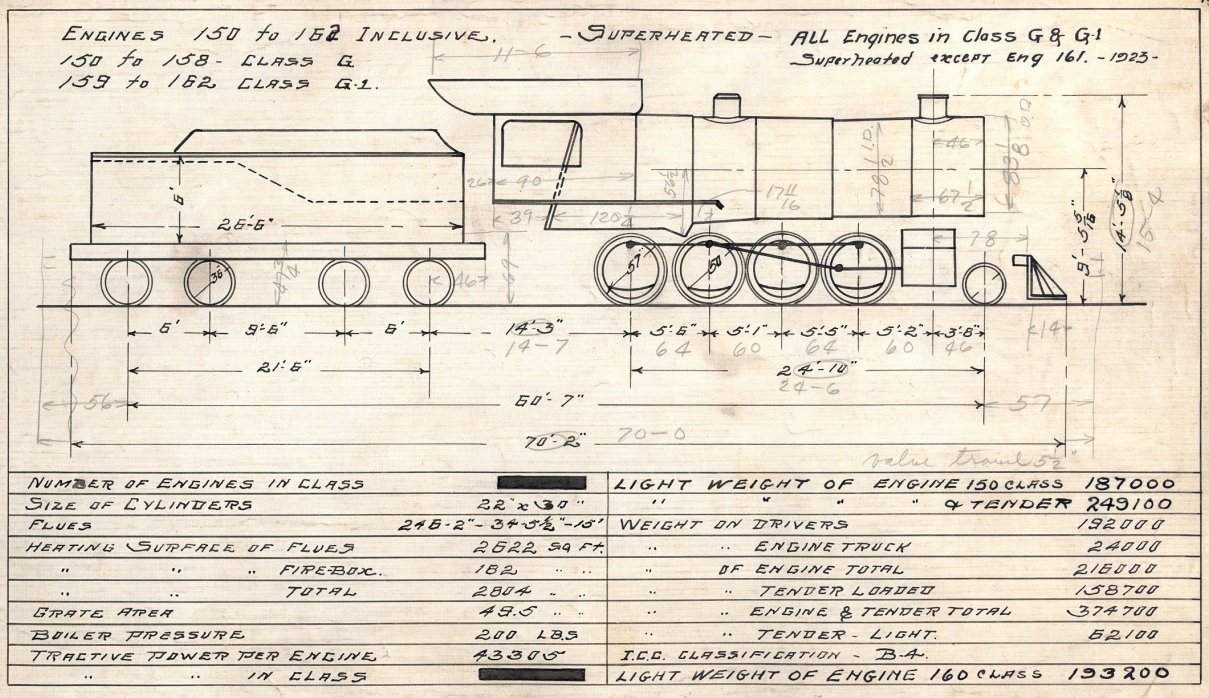






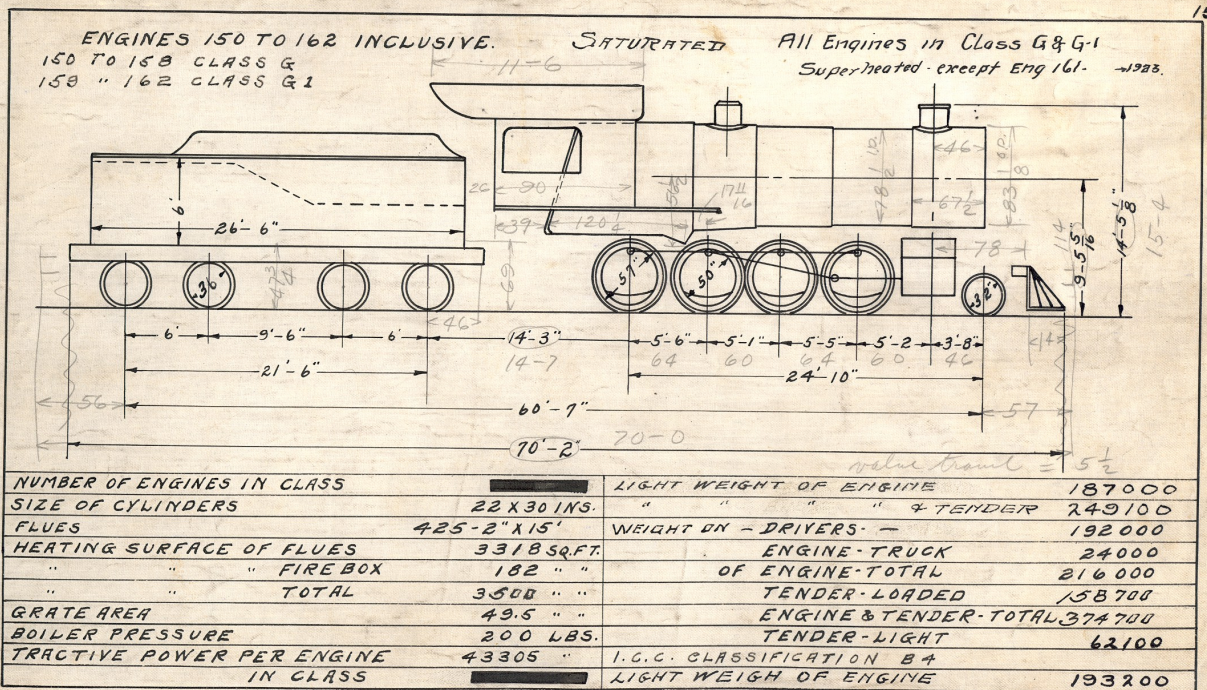


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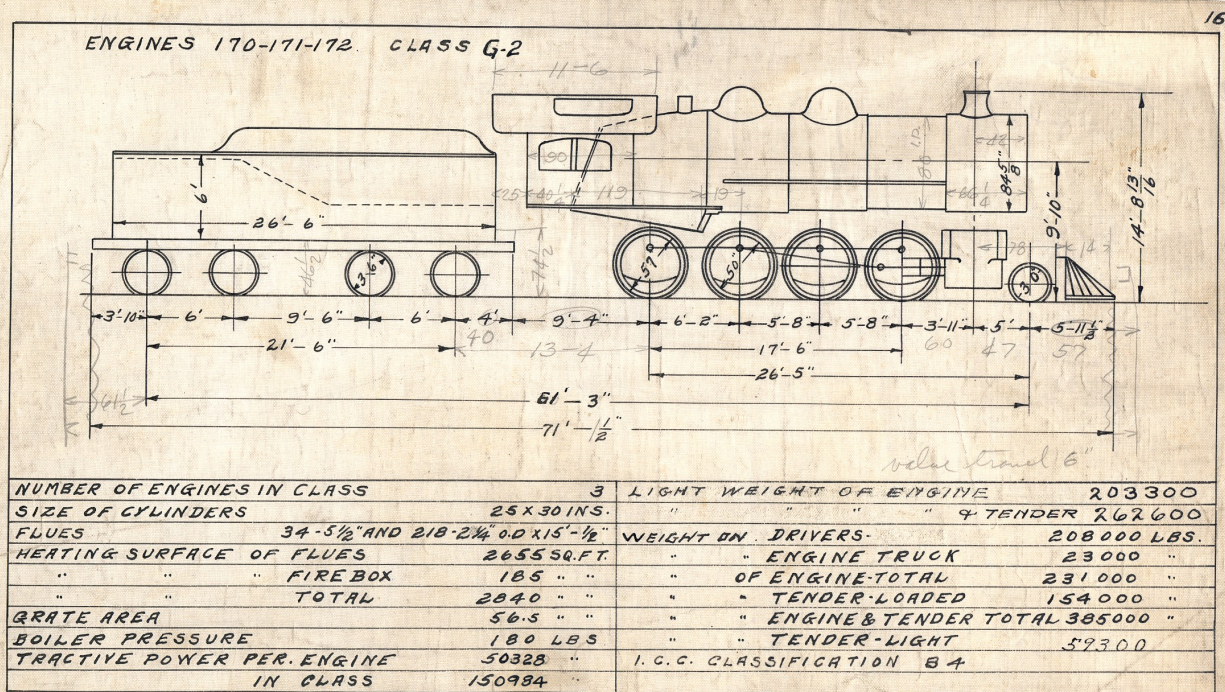


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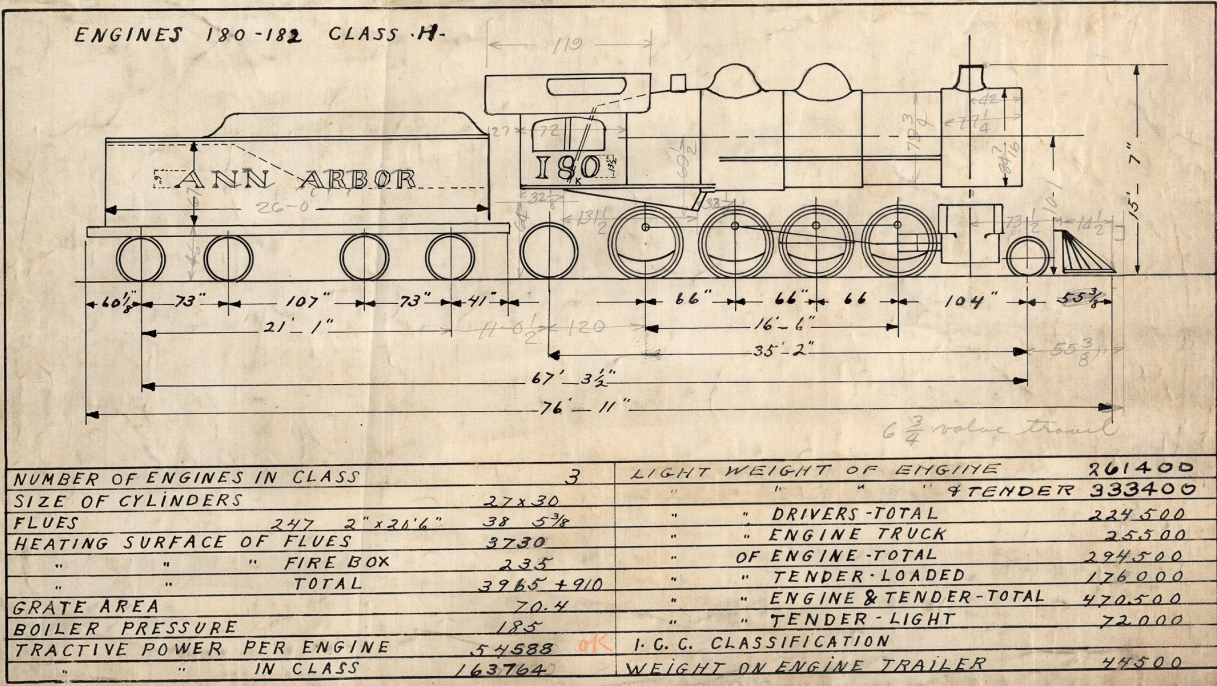


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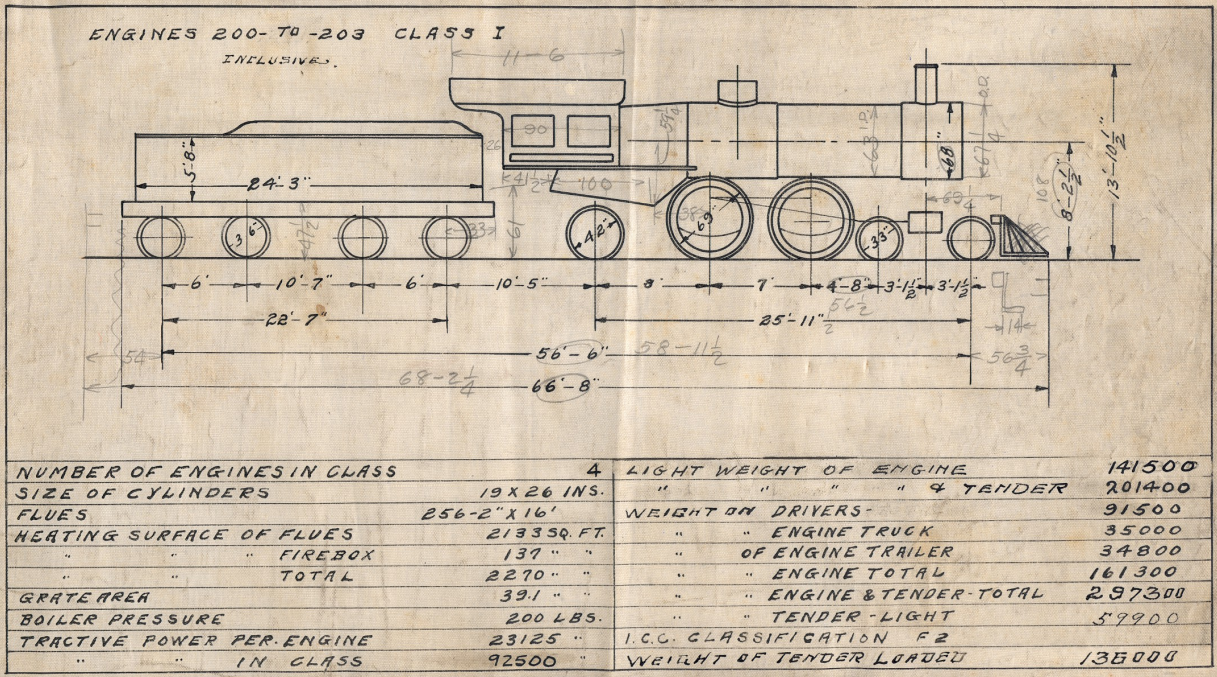


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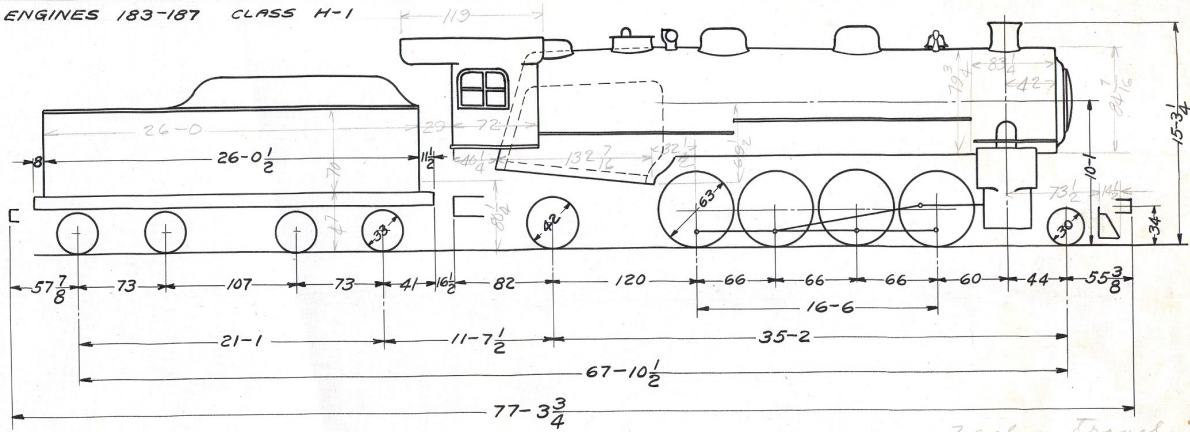
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ENGINES 183-187 CLASS H-1

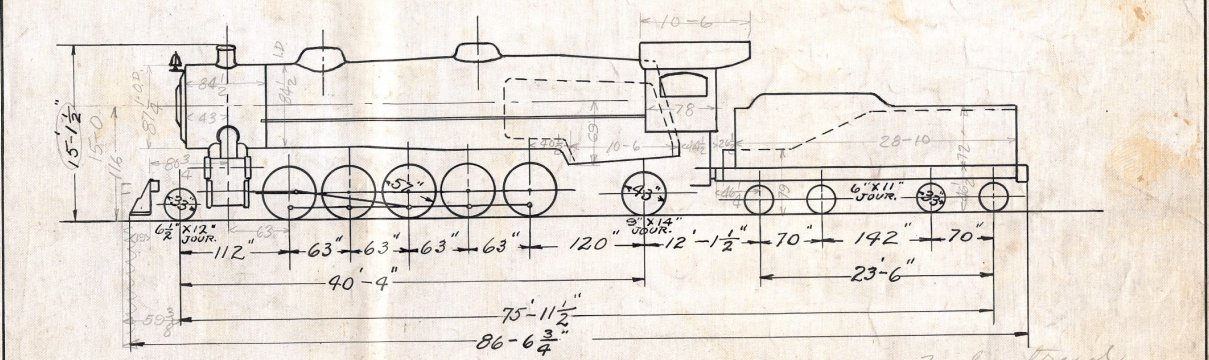


NUMBER OF ENGINES IN CLASS	5	LIGHT WEIGHT OF ENGINE	275700
SIZE OF CYLINDERS	27x30	" " " & TENDER	345800
FLUES 43-53 3/8	TUBES 250-2x20-0	WEIGHT ON DRIVERS - TOTAL	228500
HEATING SURFACE OF FLUES	120.5 sq. ft. - TUBES 2607	" " ENGINE TRUCK	23500
" " " FIRE BOX	237 - ARCH TUBES 28	" " OF " - TOTAL	307000
" " TOTAL	4077 sq. ft.	" " TENDER - LOADED	176300
GRATE AREA	70.4	" " ENGINE & TENDER - TOTAL	483300
BOILER PRESSURE	200	" " TENDER - LIGHT	70100
TRACTIVE POWER PER ENGINE	59000	" " ON ENGINE TRAILER	55000
" " IN CLASS	295000		

7 valve travel

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ENGINES 190-193 INCL. CLASS "L"



NUMBER OF ENGINES IN CLASS - 4	WEIGHT ON DRIVERS	276,000 LBS.
SIZE OF CYLINDERS - 27 x 32"	" " FRONT TRUCK	21,500 "
FLUES - 45, 5 1/2" TUBES - 247 - 2 1/4" x 20-6"	" " TRAILER	54,500 "
HEATING SURFACE, FLUES, TUBES 4293 sq. ft.	" " OF ENGINE - TOTAL	352,000 "
" " FIRE BOX 7/8 CC. 346 sq. ft.	" " TENDER - LIGHT	71,800 "
" " TOTAL 4606 sq. ft.	" " " - LOADED	188,300 "
GRATE AREA - 76.3 sq. ft.	" " " ENGINE-TOTAL	540,300 "
BOILER PRESSURE - 200 LBS.	I.C.C. CLASSIFICATION	
TRACTIVE POWER PER ENGINE - 69,400 "	LIGHT WEIGHT OF ENGINE	308800
" " IN CLASS - 277,600 "	" " " " " " 4 TENDER	380600

7 valve travel

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