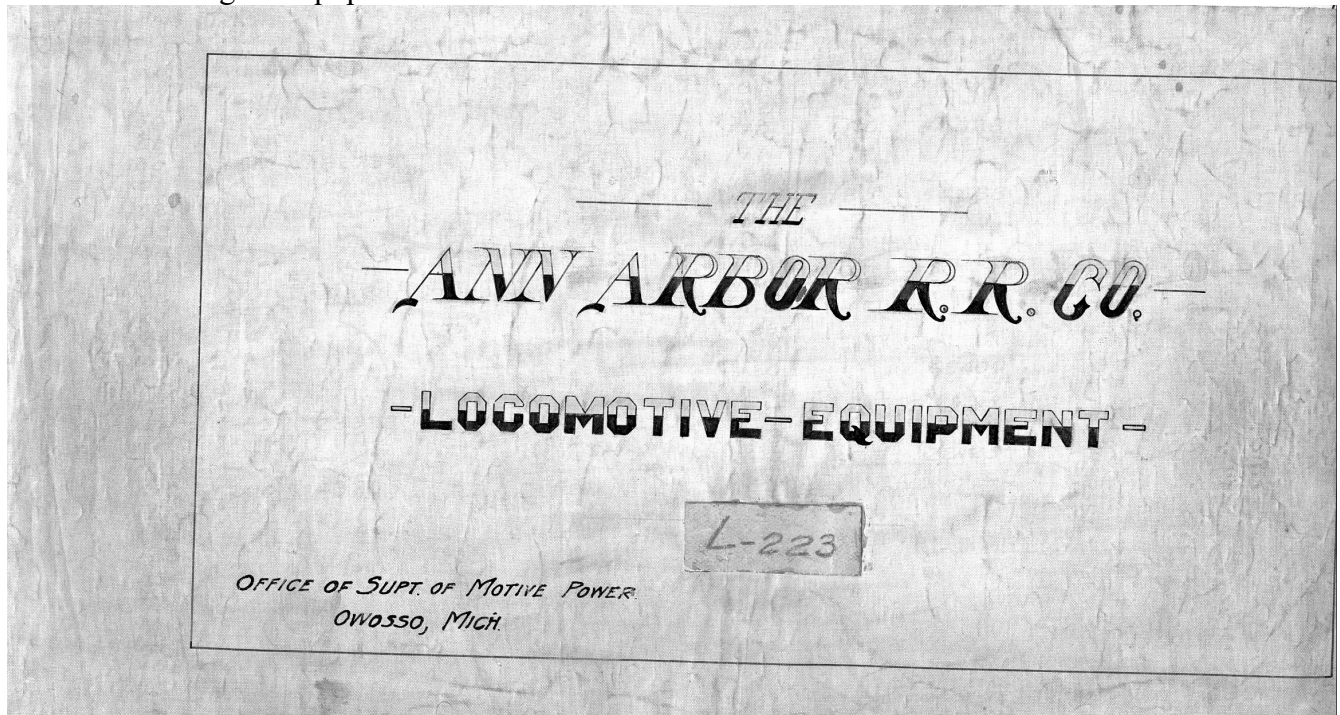


Believe to be original equipment for steam locomotives.



Cover Page

ENGINE NO.	BOILER PRESSURE	TRACTIVE POWER	FACTOR OF SAFETY	ENGINE NO.	BOILER PRESSURE	TRACTIVE 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	"	"	"				
						TOTAL TRACTIVE POWER	2012590

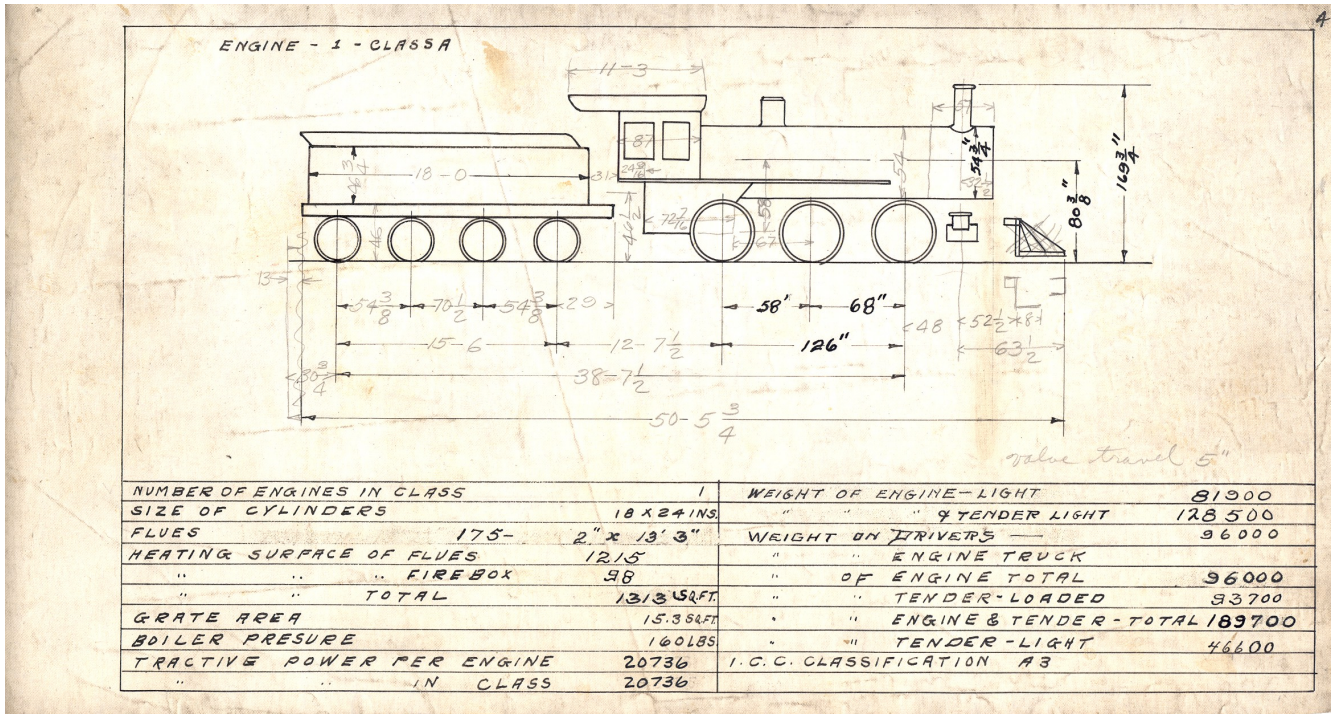
Page 1

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	DRIVERS			
1	A	1898	PITTSBURG	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	F-2	1900	PITTSBURG	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	1895	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 "	"	"	"	"	"	"

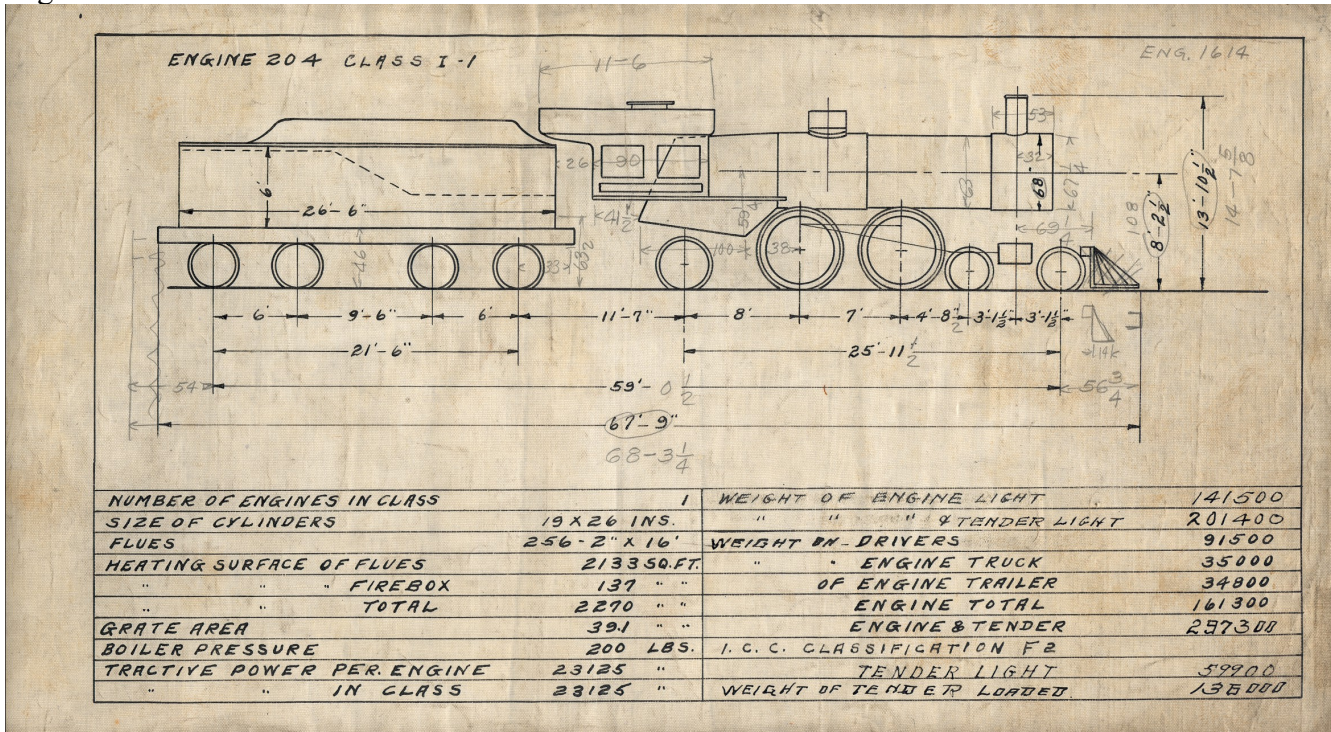
Page 2

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	DRIVERS			
1	A	1898	PITTSBURG	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	I O				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	F-2	1900	PITTSBURG	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	1895	BALDWIN	14349	2-8-0	18" X 24"	200	54	1310 SQ. FT.	44	106000	94000	3500	10	4.0
127	"	"	"	14578	"	"	"	"	"	"	"	"	"	"	"
128	"	"	"	14579	"	"	"	"	"	"	"	"	"	"	"
10					2 X			6	17	"	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 "	"	"	"	"	"	"

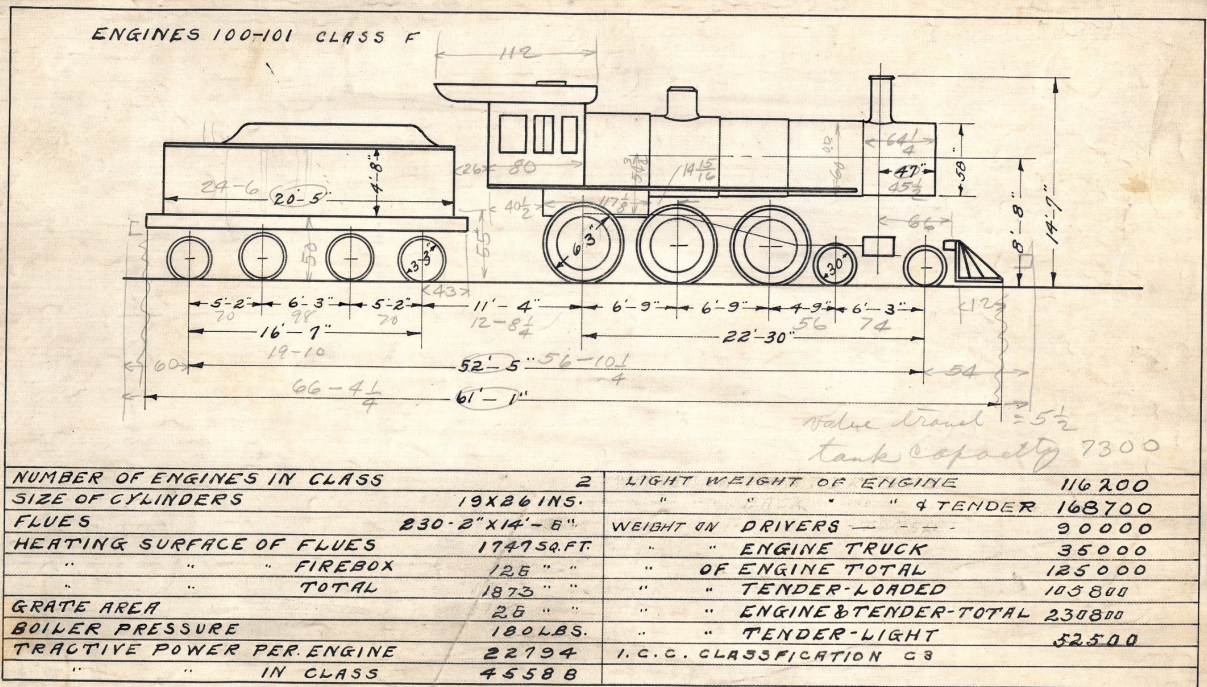
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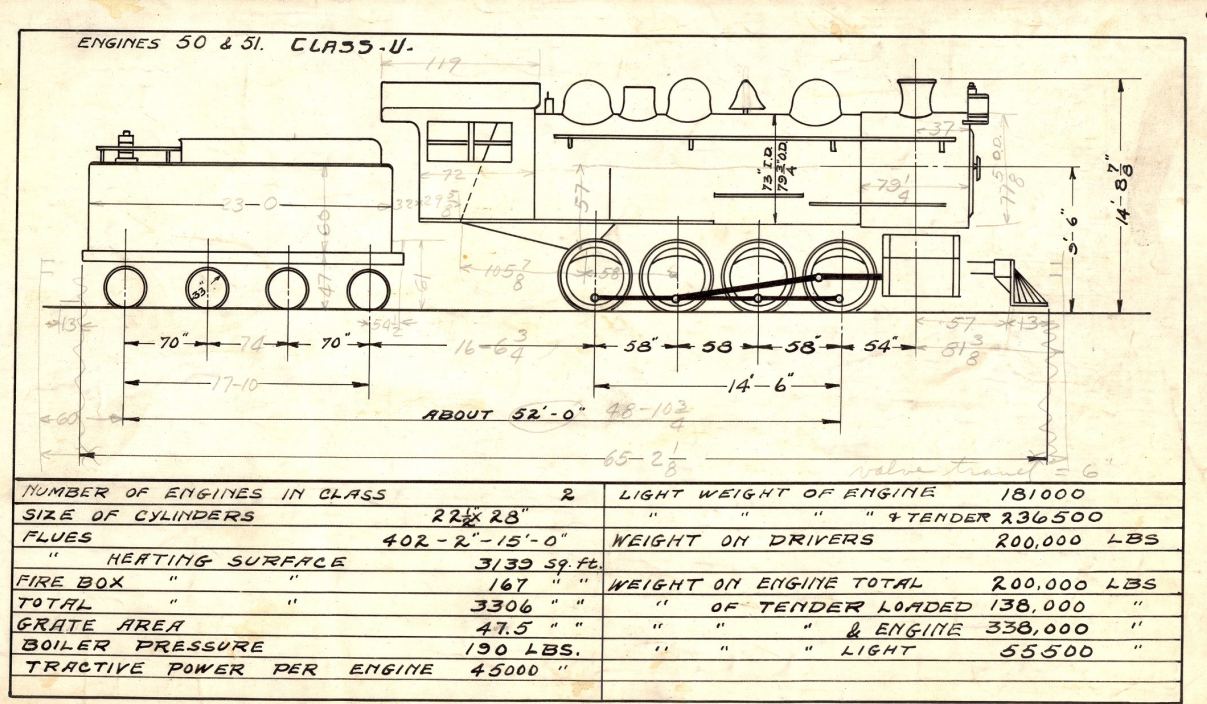
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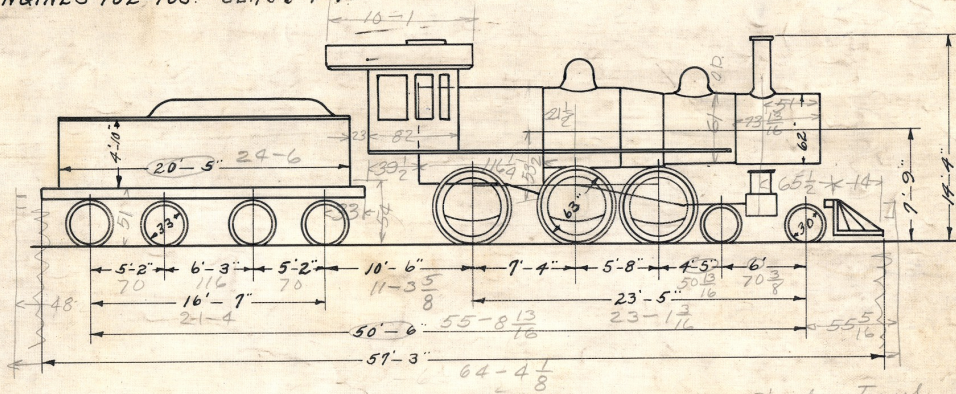


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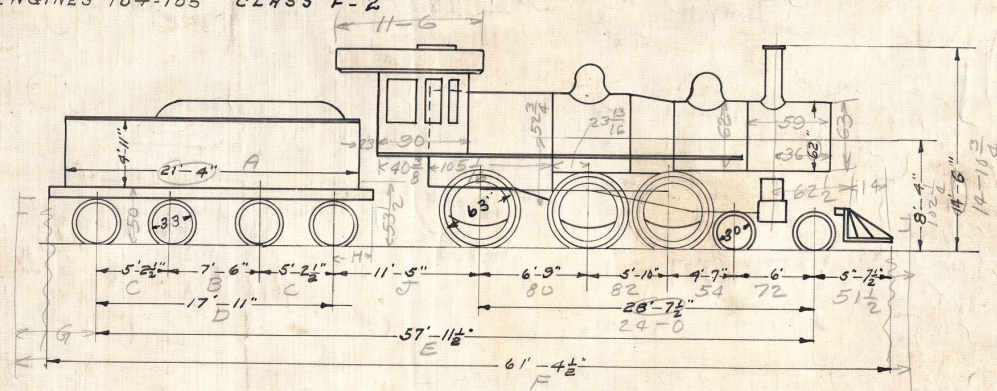
ENGINES 102-103. CLASS F-1



NUMBER OF ENGINES IN CLASS	2	LIGHT WEIGHT OF ENGINE	117000
SIZE OF CYLINDERS	19 X 26 INCHES	" " " " & TENDER	169500
FLUES	250-2" X 12'-10"	WEIGHT ON DRIVERS	104665
HEATING SURFACE OF FLUES	1894 SQ.FT.	ENGINE TRUCK	26575
" " " FIREBOX	152 " "	OF ENGINE-TOTAL	131240
" " " TOTAL	1848 " "	TENDER-LOADED	105800
GRATE AREA	31.0 " "	ENGINE & TENDER-TOTAL	237040
BOILER PRESSURE	180 LBS.	TENDER-LIGHT	52500
TRACTIVE POWER PER ENGINE	22794	I. C. C. CLASSIFICATION	G 8
" " IN CLASS	45588		

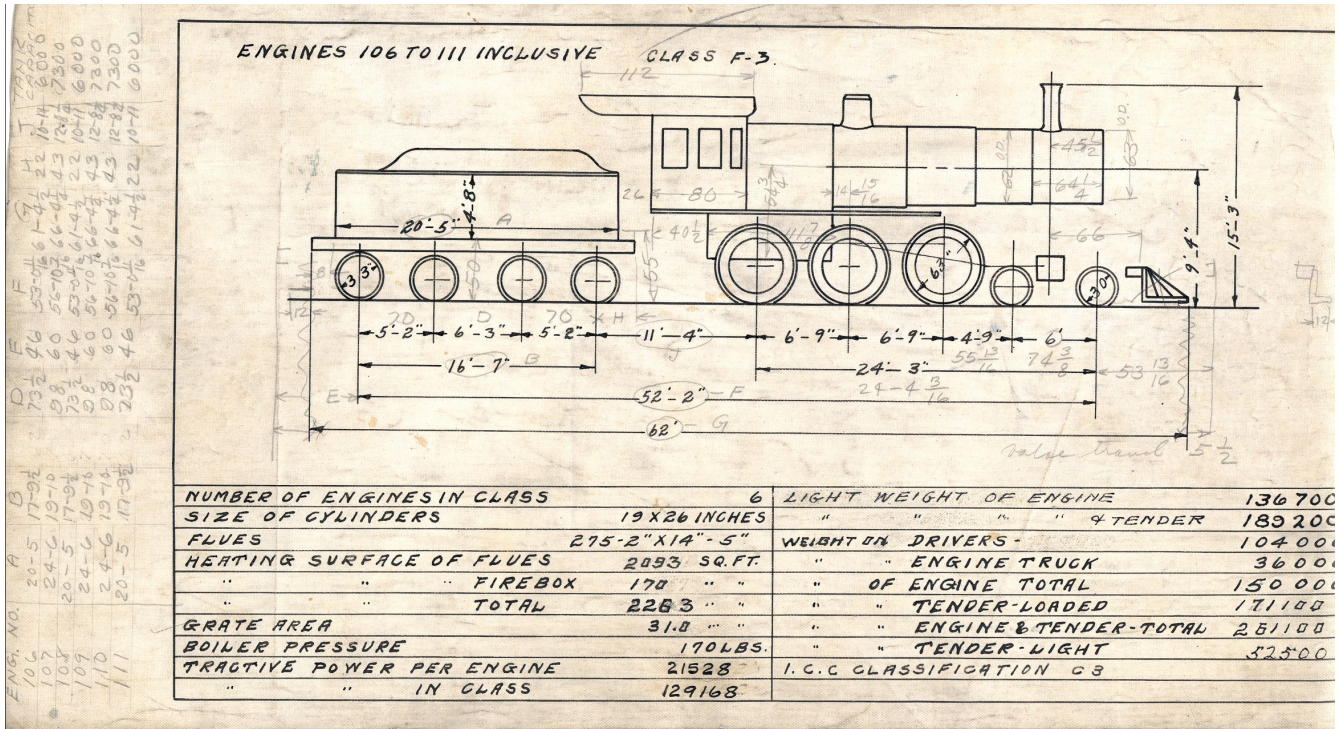
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ENGINES 104-105 CLASS F-2

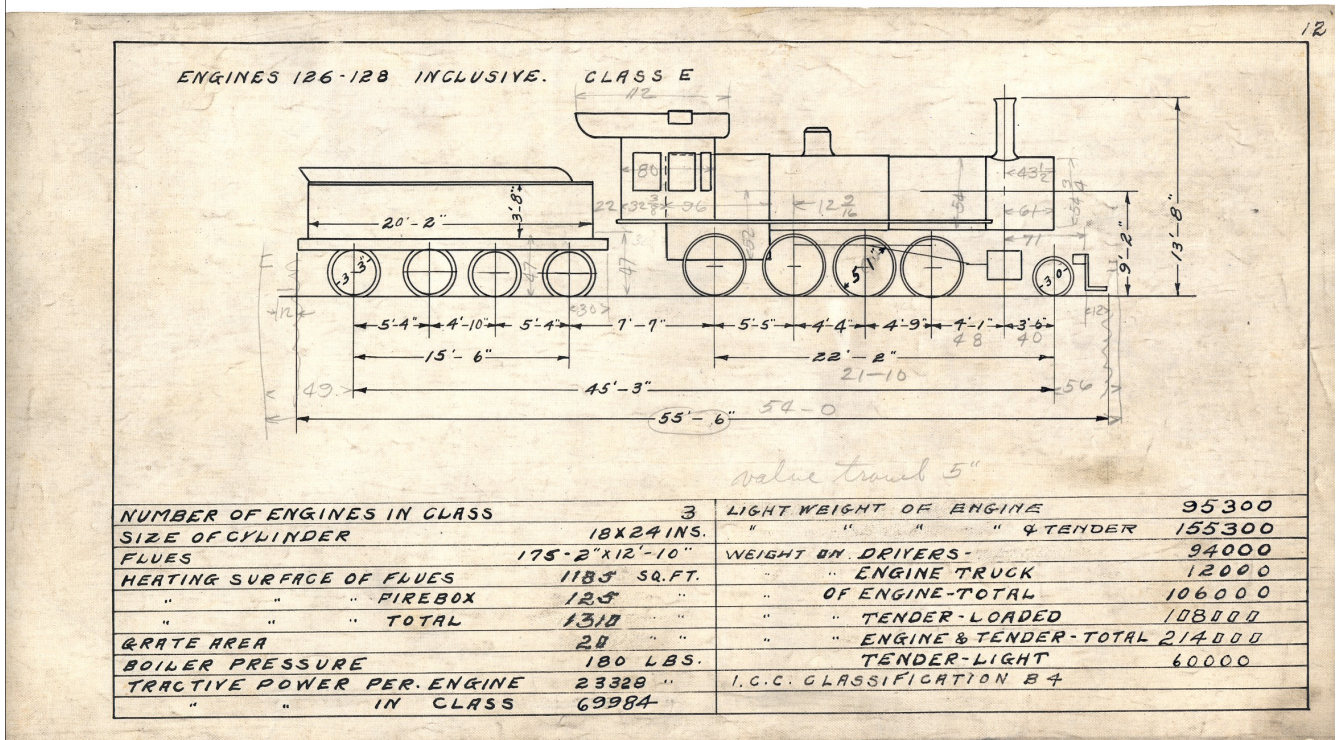


NUMBER OF ENGINES IN CLASS	2	LIGHT WEIGHT OF ENGINE	124200
SIZE OF CYLINDERS	19" X 26"	" " " " & TENDER	176700
FLUES	244-2" X 14'-8"	WEIGHT ON DRIVERS	114000
HEATING SURFACE OF FLUES	1833 SQ.FT.	ENGINE TRUCK	26000
" " " FIREBOX	138 " "	OF ENGINE-TOTAL	140000
" " " TOTAL	1981 " "	TENDER-LOADED	122500
GRATE AREA	29.6 SQ.FT.	ENGINE & TENDER-TOTAL	262500
BOILER PRESSURE	180 LBS.	TENDER-LIGHT	52500
TRACTIVE POWER PER ENGINE	22794	I. C. C. CLASSIFICATION	G 3
" " IN CLASS	45588		

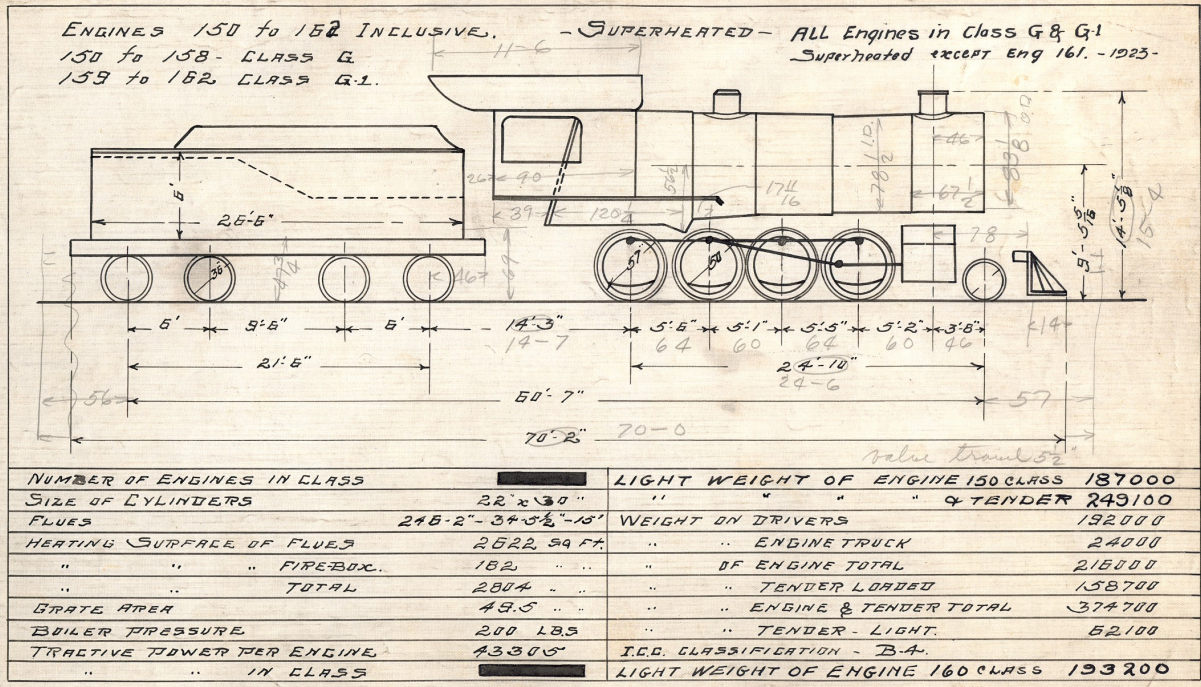
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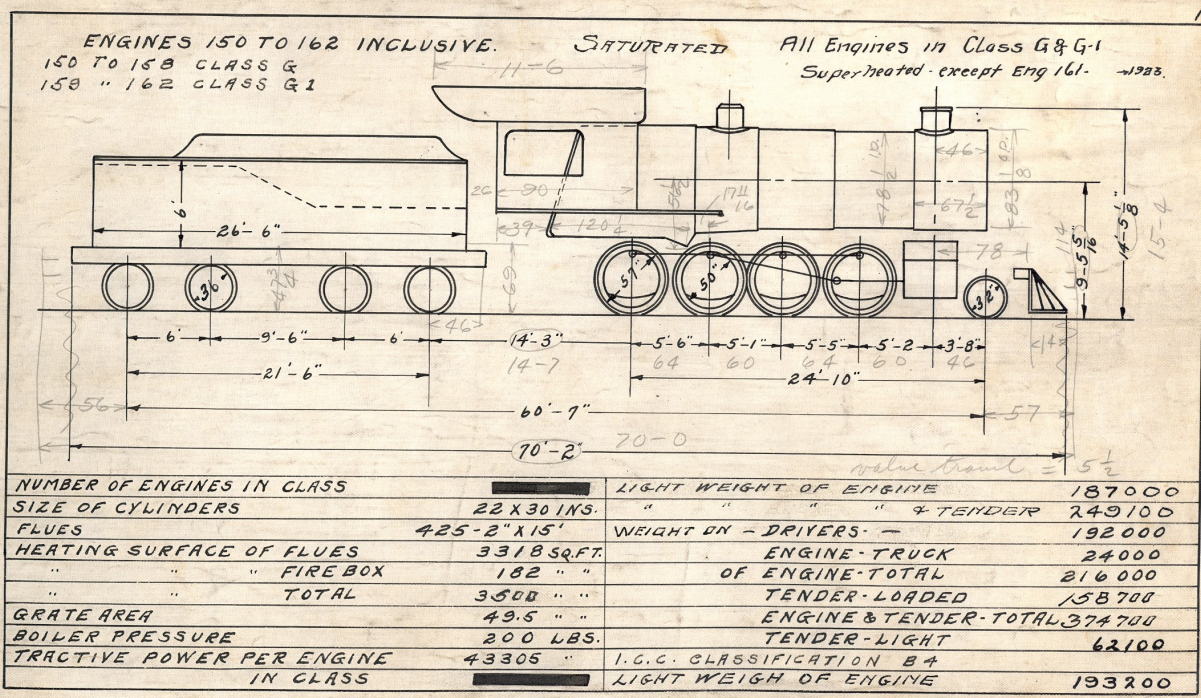
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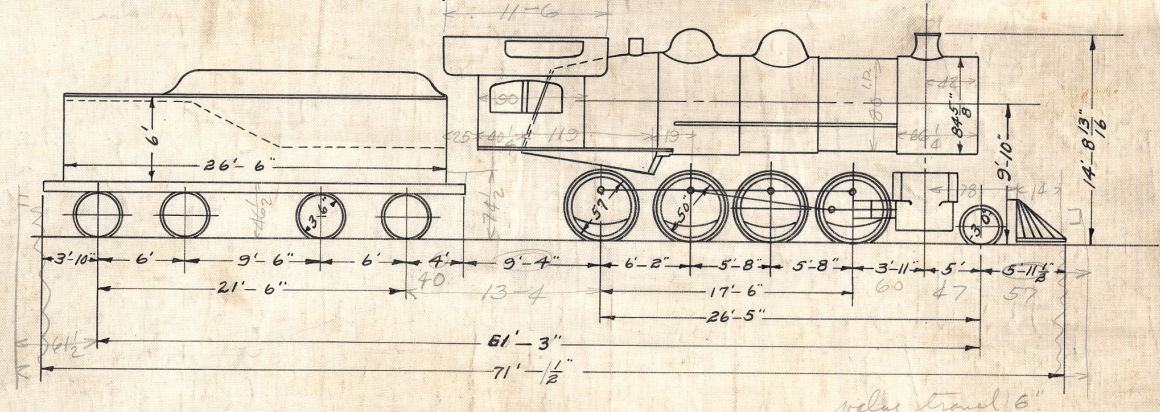


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ENGINES 170-171-172 CLASS G-2

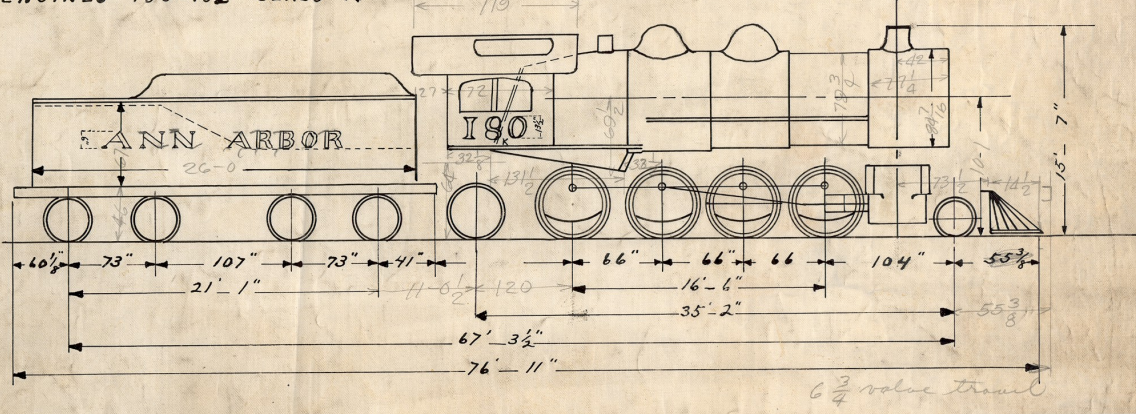


NUMBER OF ENGINES IN CLASS	3	LIGHT WEIGHT OF ENGINE	203300
SIZE OF CYLINDERS	25 X 30 INS.	" " " " " TENDER	262600
FLUES	34-5 1/2" AND 218-2 1/4" O.D X 15'-1/2"	WEIGHT ON DRIVERS-	208000 LBS.
HEATING SURFACE OF FLUES	2655 SQ. FT.	" " ENGINE TRUCK	23000 "
" " " FIRE BOX	185 "	" OF ENGINE-TOTAL	231000 "
" " " TOTAL	2840 "	" TENDER-LOADED	154000 "
GRATE AREA	56.5 "	" " ENGINE & TENDER TOTAL	385000 "
BOILER PRESSURE	180 LBS	" " TENDER-LIGHT	59300
TRACTION POWER PER ENGINE	50328 "	I. G. C. CLASSIFICATION	B4
" " IN CLASS	150984 "		

B.J.P.

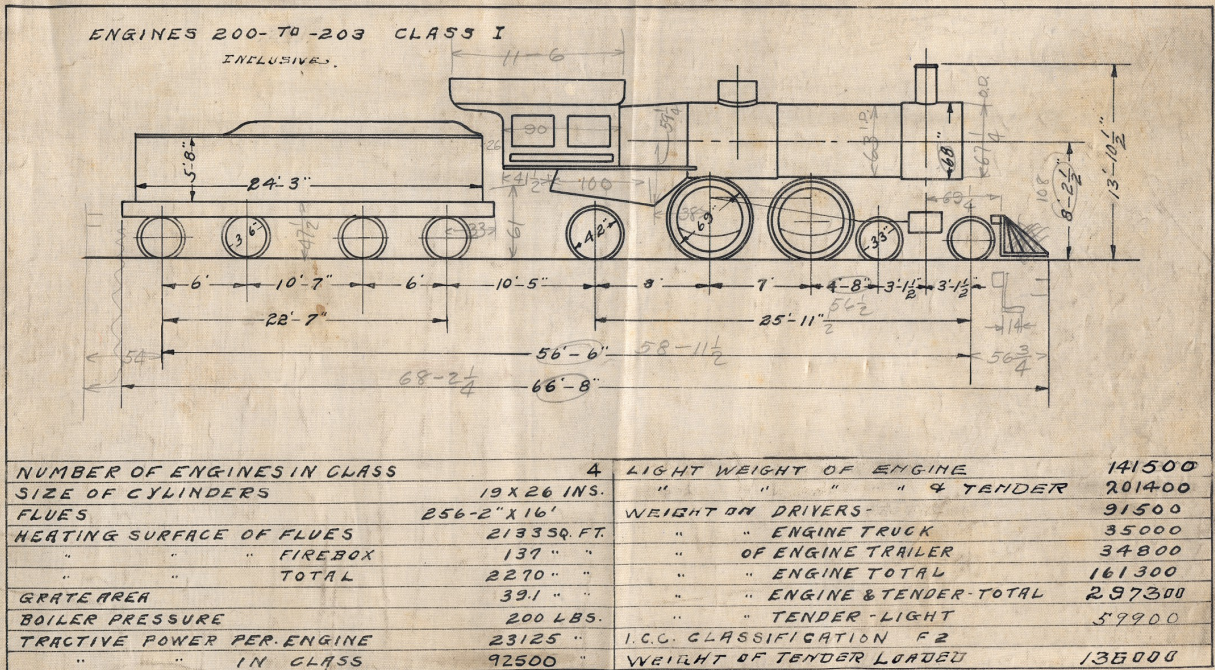
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ENGINES 180-182 CLASS H-

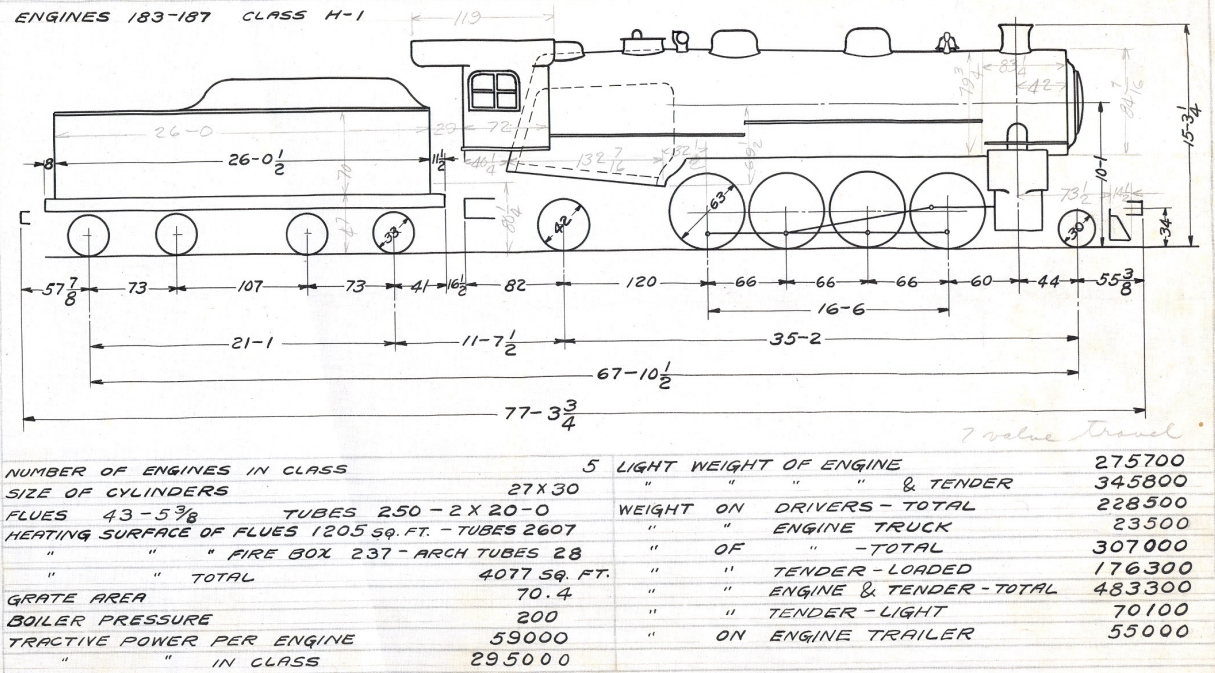


NUMBER OF ENGINES IN CLASS	3	LIGHT WEIGHT OF ENGINE	261400
SIZE OF CYLINDERS	27 X 30	" " " " " TENDER	333400
FLUES	247 2" X 21'6"	" " DRIVERS-TOTAL	224500
HEATING SURFACE OF FLUES	3730	" " ENGINE TRUCK	25500
" " " FIRE BOX	235	" OF ENGINE-TOTAL	294500
" " " TOTAL	3965 + 910	" TENDER-LOADED	176000
GRATE AREA	70.4	" " ENGINE & TENDER-TOTAL	470500
BOILER PRESSURE	185	" " TENDER-LIGHT	72000
TRACTION POWER PER ENGINE	54588 MK	I. G. C. CLASSIFICATION	
" " IN CLASS	163764	WEIGHT ON ENGINE TRAILER	44500

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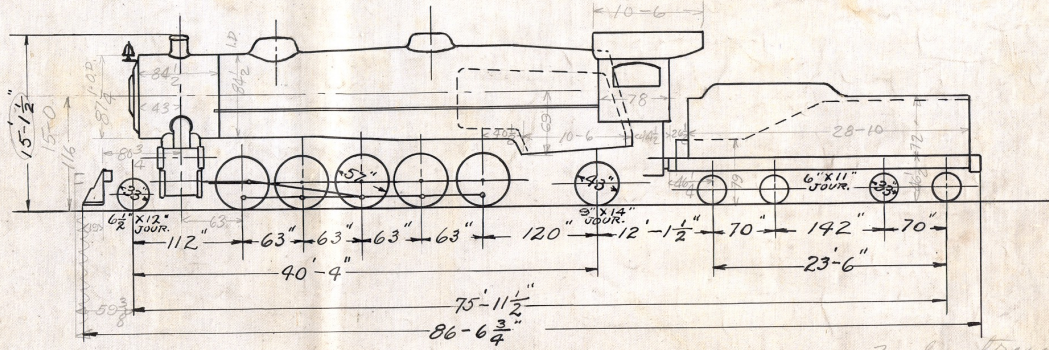


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ENGINES 190-193 INCL. CLASS "L"



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 % CC. 346 SQ. FT.	" TENDER - LIGHT	71,800 "
" " TOTAL 4666 SQ. FT.	" " - LOADED	188,300 "
GRATE AREA - 76.3 SQ. FT.	" " ENGINE-TOTAL	540,300 "
BOILER PRESSURE - 200 LBS.	I.C.C. CLASSIFICATION	
TRACTION POWER PER ENGINE - 68,400 "	LIGHT WEIGHT OF ENGINE	308800
" " IN CLASS - 277,600 "	" " " " " 4 TENDER	380600

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End of book, this book was found at Steam Research Institute.