

BOOK NO.

14B

THE NEW YORK, CHICAGO AND ST. LOUIS RAILROAD CO.

# NICKEL PLATE ROAD

## LOCOMOTIVE EQUIPMENT

OFFICE OF SUPT. MOTIVE POWER  
CLEVELAND O.

# LOCOMOTIVES ARRANGED BY NUMBERS

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ENG.	CLASS	PAGE	ENG.	CLASS	PAGE	ENG.	CLASS	PAGE	ENG.	CLASS	PAGE	ENG.	CLASS	PAGE	ENG.	CLASS	PAGE	ENG.	CLASS	PAGE	ENG.	CLASS	PAGE	
<del>2</del>	M	<del>56</del>	<del>22</del>	M	<del>56</del>	41	B54	21	61	B11B	16	81	B11D	18	101	B9A	13	121	B9B	14				
<del>3</del>	M	<del>56</del>				42	B55	22	62	B11B	16	82	B11D	18	102	B9A	13	122	B9B	14				
<del>4</del>	M	<del>56</del>				43	B55	22A	63	B11B	16				103	B9A	13	123	B9B	14				
						44	B55	22A	64	B11B	16				<del>104</del>	<del>B9A</del>	<del>13</del>	124	B9B	14				
						45	B55	22	65	B11B	16				105	B9A	13	125	B9B	14				
<del>6</del>	M	<del>56</del>				46	B55	22	66	B11B	16				106	B9A	13	126	B9B	14				
									67	B11B	16				107	B9A	13	<del>127</del>	<del>B9B</del>	<del>14</del>				
<del>8</del>	M	<del>56</del>	28	B40	20				68	B11B	16				108	B9A	13	128	B9B	14				
<del>9</del>	M	<del>56</del>							69	B11B	16				109	B9A	13	129	B9B	14				
<del>10</del>	M	<del>56</del>	<del>30</del>	<del>B40</del>	<del>20</del>	50	B11A	15	70	B11C	17				110	B9B	14				150	R	68	
						51	B11A	15	71	B11C	17				111	B9B	14				151	R	68	
			32	B54	21	52	B11A	15	72	B11C	17				112	B9B	14				152	R	68	
<del>13</del>	M	<del>56</del>	<del>33</del>	<del>B54</del>	<del>21</del>	53	B11A	15	73	B11C	17				113	B9B	14				153	R	68	
<del>14</del>	M	<del>56</del>	34	B54	21	54	B11A	15	74	B11C	17	94	S	69	114	B9B	14				154	R	68	
			35	B54	21	55	B11A	15	75	B11C	17	95	S	69	115	B9B	14				155	R	68	
			36	B54	21	56	B11A	15	76	B11C	17	96	S	69	116	B9B	14				156	R	68	
						57	B11A	15	77	B11C	17	97	S	69	117	B9B	14				157	R	68	
			<del>38</del>	<del>B54</del>	<del>21</del>	58	B11A	15	78	B11C	17	98	S	69	118	B9B	14				158	R	68	
<del>19</del>	M	<del>56</del>	39	B54	21	59	B11A	15	79	B11C	17	99	S	69	119	B9B	14							
20	M	56	40	B54	21	60	B11B	16	80	B11D	18	100	B9A	13	120	B9B	14							

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W.L.A.

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160	K-1A	53				200	U-2	71	220	U-3c	74									
161	K-1A	53				201	U-2	71	221	U-3c	74									<del>301</del>
162	K-1A	53				202	U-2	71	222	U-3c	74									<del>649</del>
163	K-1A	53				203	U-2	71	223	U-3c	74									<del>23</del>
164	K-1B	54				204	U-2	71	224	U-3c	74									<del>304</del>
165	K-1B	54				205	U-3A	72	225	U-3c	74									<del>675A</del>
166	K-1B	54				206	U-3A	72	226	U-3c	74									<del>24</del>
167	K-1B	54				207	U-3A	72	227	U-3c	74									
168	K-1B	54							228	U-3c	74									
169	K-1B	54							229	U-3c	74									
170	L-1A	55				210	U-3B	73												
171	L-1A	55				211	U-3B	73												
172	L-1A	55				212	U-3B	73												
173	L-1A	55				213	U-3B	73												
174	L-1B	55				214	U-3B	73												
175	L-1B	55				215	U-3B	73												<del>315</del>
176	L-1B	55				216	U-3B	73												<del>P-1</del>
177	L-1B	55				217	U-3B	73												<del>63</del>
						218	U-3B	73												318
						219	U-3B	73												P-1
																				63
																				63

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320	P-1	63				360	P-3	64	380	G-44	42	401	G-41	41				441	N-3	58	461	T	70
			<del>341</del>	<del>P-2</del>	<del>63A</del>	361	P-3	64	381	G-44	42	402	G-41	41				442	N-3	58	<del>462</del>	<del>T</del>	<del>70</del>
						362	P-3	64	382	G-44	42A	403	G-41	41				443	N-4	59	463	T	70
						363	P-3	64	383	G-44	42	404	G-41	41				444	N-4	59	464	T	70
324	P-1	63	<del>344</del>	<del>P-2</del>	<del>63A</del>	364	P-3	64	384	G-44	42	405	G-41	41				445	N-4	59	465	T	70
						365	P-3	64	385	G-44	42A	406	G-41	41				446	N-4	59	466	T	70
326	P-1	63				366	P-3	64	386	G-44	42A	407	G-41	41				447	N-4	59	467	T	70
			347	P-2	63A				387	G-44	42	408	G-41	41				448	N-5	60	468	T	70
									388	G-44	42	409	G-41	41				449	N-5	60	469	T	70
									389	G-44	42				430	N-2	57	450	N-5	60	470	T	70
330	P-1	63	<del>350</del>	<del>P-2</del>	<del>63A</del>				390	G-44	42A				431	N-2	57	451	N-5	60	471	T	70
331	P-1	63	<del>351</del>	<del>P-2</del>	<del>63A</del>				391	G-44	42A				432	N-2	57	452	N-5	60	472	T	70
332	P-1	63							392	G-44	42				433	N-2	57	453	N-5	60	473	T	70
			<del>353</del>	<del>P-2</del>	<del>63A</del>										434	N-2	57	454	N-6	61	474	T	70
334	P-1	63							394	G-44	42A				435	N-2	57	455	N-6	61	475	G-6V	32
			<del>355</del>	<del>P-2</del>	<del>63A</del>	375	G-44	42	395	G-44	42				436	N-2	57	456	N-6	61	476	G-6V	32
						376	G-44	42	396	G-44	42A				437	N-2	57	457	N-6	62	477	G-6V	32
			<del>357</del>	<del>P-2</del>	<del>63A</del>	377	G-44	42A	397	G-44	42A				438	N-2	57	458	N-6	62	478	G-6V	32
<del>338</del>	<del>P-2</del>	<del>63A</del>	<del>358</del>	<del>P-2</del>	<del>63A</del>	378	G-44	42	398	G-44	42				<del>439</del>	<del>N-2</del>	<del>57</del>	459	N-6	61	479	G-6V	32
			359	P-3	64	379	G-44	42	400	G-41	41				440	N-3	58	<del>460</del>	<del>T</del>	<del>70</del>	480	G-6V	32

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481	G-6V	32	501	H5A	43	521	H5B	44							600	H6D	52	620	H6D	49		
482	G-6V	32	502	H5A	43	522	H5B	44							601	H6A	46	621	H6D	49		
483	G-6V	32	503	H5A	43	523	H5B	44							602	H6A	46	622	H6D	49		
484	G-6V	32	504	H5A	43	524	H5B	44							603	H6A	46	623	H6D	49		
485	G-16V	39	505	H5A	43	525	H5B	44							604	H6A	46	624	H6D	49		
486	G-16V	39	506	H5A	43	526	H5B	44						586	H6D	52	605	H6A	46	625	H6D	49
487	G-16V	39	507	H5A	43	527	H5B	44						587	H6D	52	606	H6A	46	626	H6D	49
488	G-16V	39	508	H5A	43	528	H5B	44						588	H6D	52	607	H6A	46	627	H6D	49
489	G-16V	39	509	H5A	43	529	H5B	45						589	H6D	52	608	H6A	46	628	H6D	49
490	G-16V	39	510	H5B	44	530	H5B	44						590	H6D	52	609	H6A	46	629	H6D	49
491	G-16V	39	511	H5B	44	531	H5B	44						591	H6D	52	610	H6A	46	630	H6D	49
492	G-16V	39	512	H5B	44	532	H5B	44						592	H6D	52	611	H6B	47	631	H6D	49
493	G-16V	39	513	H5B	45	533	H5B	44						593	H6D	52	612	H6B	47	632	H6E	50
494	G-16V	39	514	H5B	44	534	H5B	44						594	H6D	52	613	H6B	47	633	H6E	50
495	G-16W	40	515	H5B	44										614	H6B	47	634	H6E	50		
496	G-16W	40	516	H5B	44									595	H6D	52	615	H6B	47	635	H6E	50
497	G-16W	40	517	H5B	44									596	H6D	52	616	H6C	48	636	H6E	50
498	G-16W	40	518	H5B	44									597	H6D	52	617	H6D	49	637	H6E	50
499	G-16W	40	519	H5B	44									598	H6D	52	618	H6D	49	638	H6E	50
500	H5A	43	520	H5B	45									599	H6D	52	619	H6D	49	639	H6E	50

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640	H6E	50	660	H6E	50															
641	H6E	50	661	H6E	50															
642	H6E	50	662	H6F	51															
643	H6E	50	663	H6F	51															
644	H6E	50	664	H6F	51															
645	H6E	50	665	H6F	51				705	B6	10									
646	H6E	50	666	H6F	51				706	B6	10									
647	H6E	50	667	H6E	51				707	B7	11									
648	H6E	50	668	H6F	51				708	B7	11									
649	H6E	50	669	H6F	51				709	B7	11									
650	H6E	50	670	H6F	51				710	B7	11									
651	H6E	50	671	H6F	51				711	B7	11									
652	H6E	50							712	B7	11									
653	H6E	50																		
654	H6E	50							<del>714</del>	<del>B8</del>	<del>12</del>									
655	H6E	50							<del>715</del>	<del>B8</del>	<del>12</del>									
656	H6E	50							716	B12	19									
657	H6E	50							717	B12	19									
658	H6E	50							718	G10S	38									
659	H6E	50																		

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			820	F6	26				860	G10A	37	880	G10	36						
			821	F6	26				861	G10A	37	881	G10	36	901	G8	34			
			822	F6	26				862	G10	36	882	G10	36	902	G8	34			
			823	F6	26				863	G10A	37	883	G10	36A	903	G8	34			
			824	F6	26				864	G10	36	884	G10	36	904	G8	34			
			825	F6	26				865	G10	36	885	G10	36A	905	G8	34			
			826	F7	27				866	G10	36	886	G10	36	906	G9	35			
			827	F7	27				867	G10A	37	887	G10	36	907	G9	35			
									868	G10	36A	888	G10	36	908	G9	35			
									869	G10	36	889	G10	36	909	G9	35			
<del>810</del>	<del>P5</del>	<del>66</del>	830	G1	28	850	P6	67	870	G10	36	890	G7	33	910	G9	35			
<del>811</del>	<del>P5</del>	<del>66</del>	831	G1	28A	851	P6	67	871	G10A	37	891	G7	33	911	G9	35			
			832	G2	29	852	P6	67	872	G10	36	892	G7	33	912	G9	35			
			833	G2	29	853	P6	67	873	G10	36	893	G7	33						
			834	G3	30	854	P6	67	874	G10	36	894	G7	33	914	G9	35			
			835	G3	30	855	P6	67	875	G10	36A			915	G9	35				
			836	G4	31	856	P6	67	876	G10	36			916	G9	35				
						857	P6	67	877	G10	36									
						858	P6	67	878	G10	36									
						859	P6	67	879	G10	36A									

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## RECAPITULATION OF LOCOMOTIVES BY CLASSES

CLASSES	1929	1930	1931				CLASSES	1929	1930	1931				CLASSES	1929	1930	1931			
	JAN. 1	JAN. 1	JAN. 1					JAN. 1	JAN. 1	JAN. 1					JAN. 1	JAN. 1	JAN. 1			
B6 ↑	2	2	2				E3	2	2	2				H5A ↑	10	10	10			
B7	6	6	6				F6	6	0	0				H5B ↓	25	25	25			
B8	0						F7	2	2	2				TOTAL	35	35	35			
B9A	10	10	9				G1 ↑	2	0	0				H6A ↑	10	10	10			
B9B ↓	20	20	19				G2	2	2	1				H6B	5	5	5			
TOTAL	38	38	36				G3	2	2	2				H6C	1	1	1			
B11A ↑	10	10	10				G4	1	1	1				H6D	15	15	15			
B11B	10	10	10				GGY	10	10	10				H6E	30	30	30			
B11C	10	10	10				G7	5	5	5				H6F	10	10	10			
B11D ↓	3	3	3				G8	5	5	5				H6G ↓	15	15	15			
TOTAL	33	33	33				G9	10	10	10				TOTAL	86	86	86			
B12 ↑	2	2	2				G10	25	25	25				K1A ↑	4	4	4			
B40	2	2	1				G10A	5	5	5				K1B ↓	6	6	6			
B54	9	7	7				G10S	1	1	1				TOTAL	10	10	10			
B55 ↓	5	5	5				G16V	10	10	10				L1A	4	4	4			
TOTAL	18	16	15				G16W	5	5	5				L1B	4	4	4			
C49	1	0	0				G41	10	10	10				M	12	6	1			
C75A	1	0	0				G44 ↓	23	23	23										
							TOTAL-G	116	114	113										



## RECAPITULATION OF LOCOMOTIVES BY CLASSES

CLASSES	1929	1930	1931																
	JAN. 1	JAN. 1	JAN. 1																
N2 ↑	10	9	9																
N3	3	3	3																
N4	5	5	5																
N5	6	6	6																
N6 Y	6	6	6																
TOTAL-N	30	29	29																
P1 ↑	10	10	9																
P2	10	1	1																
P3	8	8	8																
P4	1	0	0																
P5	2	0	0																
P6 Y	10	10	5																
TOTAL-P	41	29	23																
R	9	9	9																
S	6	6	6																
T	15	14	13																

CLASSES	1929	1930	1931																
	JAN. 1	JAN. 1	JAN. 1																
U2 ↑	5	5	5																
U3A	3	3	3																
U3B	10	10	10																
U3C Y	10	10	10																
TOTAL U	28	28	28																
	1-1-29	1-1-30	1-1-31																
GRAND TOTAL	493	465	449																

NOTE-1: ENGS. 820, 821, 822, 823, 824, 825, OF CLASS FG, AND 743 P4, 810 P5 DISM'D. IN JAN. AND FEB. OF 1929.

NOTE-2: ENGS. 2, 3, 4 OF M, 301 C49, 830 831 OF G1, DISM'D. IN MARCH 1929.

NOTE-3: ENG. 811 P5 DISM'D. IN JULY 1929.

NOTE-4: ENGS. 8, 10, 19-M, OUT IN JULY 1929.

NOTE-5: IN AUG. 1929, FOLLOWING ENGS. OUT- 338, 341, 350, 351, 353, 355, 357, 358, 344 - P2, 439 N2, 462 T, 304 C75A, 33, 38 OF B-54.

NOTE-6: IN DEC. 1930, FOLLOWING ENGS. DISM'D. ENGS. 6, 9, 13, 14, 22, OF M; #30, OF B40, 104 B9A, 127 B9B; 315-P1, 460-T, AND 832, 852, 854, 856, 857, 859 OF P6; -TOTAL OF 16 ENGS.

NOTE-7: IN APR. 1931, FOLLOWING ENGS. DISM'T'D. 833-G2, 834 835G3, 853 & 858 OF P6 CLASS.

## DESIGNATION OF SPECIAL EQUIPMENT ON LOCOMOTIVES

A. = AIR SIGNAL  
 AT. = ARCH TUBES  
 B. = BOOSTER  
 D. = SHOEMAKER FIRE DOOR  
 E. = FIRE EXTINGUISHER  
 F. = FRANKLIN FIRE DOOR  
 G. = STEAM OPERATED GRATE  
 H. = STEAM HEAT  
 K. = STOKER  
 L.REV. = LEWIS REV. GEAR  
 M.REV. = MELLIN REV. GEAR  
 P.REV. = PRECISION REV. GEAR

R.REV. = RAGONNET REV. GEAR  
 ALCO.REV. = ALCO. REV. GEAR  
 LEV. A REV. = LEVER AIR REV. GEAR,  
 (RAGONNET, ALCO., MELLIN, OR LEWIS)  
 SEE NOTE NO. 1.  
 P.V. = P. V. CYLS. APPLIED TO REPLACE  
 OLD SLIDE VALVE CYLS.  
 S. = SUPERHEATER  
 U. = UNIVERSAL VALVE CHEST  
 W. = AIR OPERATED ASH PAN  
 φ. = ELESKO FEED WATER HEATER  
 ⊕ = WORTHINGTON " " "  
 ▲. = THERMIC SYPHON

□. = HULSON GRATE  
 O. = FLANGE DILER  
 †. = 2 CROSS COMP. AIR PUMPS  
 DISP.N. = HELD FOR DISPOSITION  
 J. = EXHAUST STEAM INJECTOR  
 M̄. = BROWN MULTIPLE THROTTLE  
 AUTOMATIC TRAIN CONTROL-PAGE 81  
 C̄. = COMMONWEALTH CO. C. ST. ENG. FRAME

NOTE-1  
 "LEV. A. REV." INDICATING A LEVER OPERATED  
 AIR REVERSE GEAR AS ON B9A-B98 ENGS. IS  
 LISTED AS "LEV. A. REV." ON ACCT. OF CHANGING  
 REVERSE GEARS FROM ONE ENG. TO ANOTHER.

# ORDER NUMBERS OF VARIOUS CLASSES OF LOCOMOTIVES

9-A

CLASS	ORDER	CLASS	ORDER	CLASS	ORDER	CLASS	ORDER	CLASS	ORDER
B6		<del>G75A</del>		G105	BLT. AT FN.	K1A	1034	P6	B-995
B7	1138	E3	961	G16V	B-1270	K1B	B-1608	R	B-1340
<del>B8</del>	<del>4599</del> <small>DISMANTLED - 9-1928</small>	<del>F6</del>	<del>3941</del> <small>DISMANTLED 1&amp;2-'29</small>	G16W	S-880	L1A	B-1695	S	B-1341
B9A	834	F7	8-34-D-491-492	G41	B-683	L1B	1114	T	B-929
B9B	915 & 955	G1	4140	G44	B-975-976	M	<del>751, 792, 188, 1189</del>	U2	123
B11A	B-1413	<del>G2</del>	<del>128</del>	H5A	5428	N2	1083	U3A	226
B11B	5564 TO 5573	<del>G3</del>	<del>(W&amp;L.E.)</del>	H5B	B-1448	N3		U3B	1067
B11C	5676 TO 5685	G4	J-1783	H6A	S-1259	N4	1164	U3C	1078
B11D	S-1011	G6V	B-1270	H6B	1022	N5	B-1279		
B12	6-380-116	G7	10-36E-1261 TO 1265	H6C	1022	N6	B-1343		
B40	B-689	G8	5221	H6D	1033	P1	1163 & 1188		
B54	P-375	G9	1024	H6E	1048	P2	1223 & 1278		
B55	B-853	G10	1006 & 1049	H6F	1066	P3	B-1342		
C49		G10A	1006 & 1049	H6G		<del>P4</del>	<del>3880</del> <small>DISMANTLED FEB-1929</small>		
						P5	44		

REV. 9-18-'28, 12-2-'29, 2-26-'31, 5-13-31

NOTE - THIS PAGE ADDED TO BOOKS ISSUED AFTER DEC. 1928.

R.L.A.

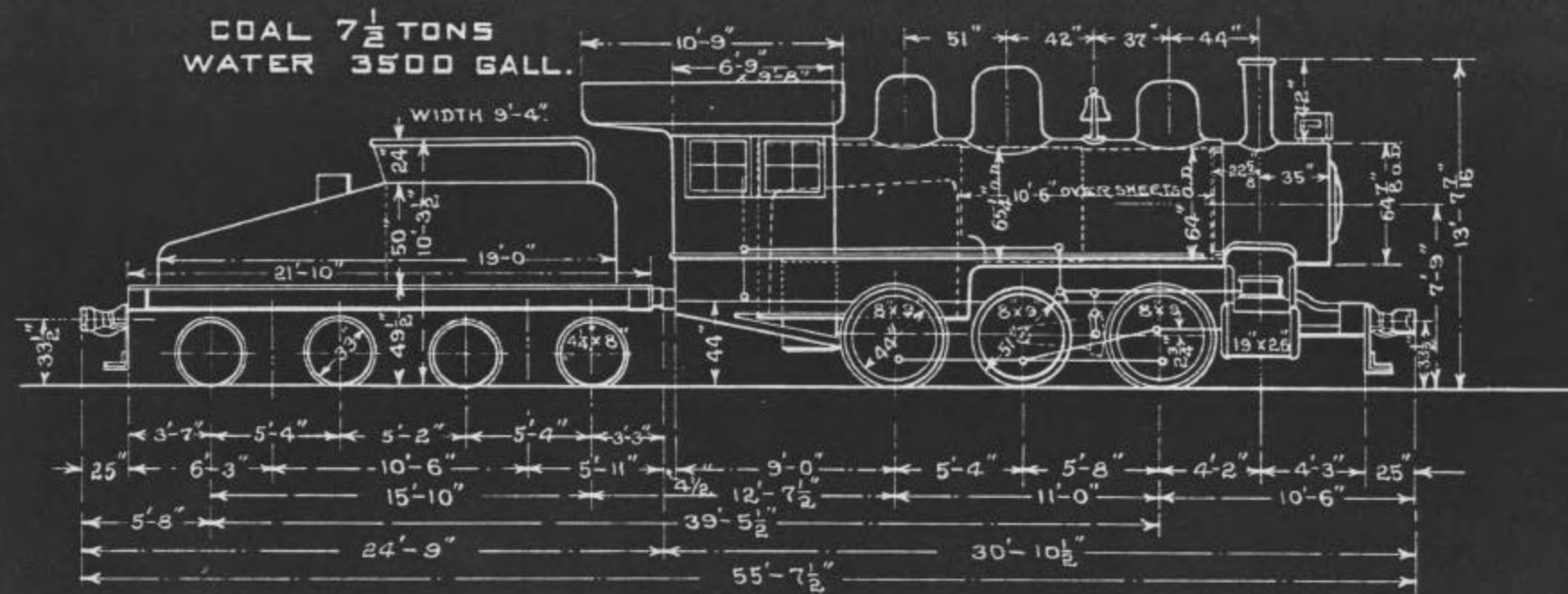
**B-6**

	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE 9.
	R. R.	BLDRS.			
WEIGHT ON DRIVERS 121 000 LBS.	705	26027	1902	DICKSON	F.
WEIGHT ON ENG. TRUCK	706	26028	1902	DICKSON	F.
WEIGHT TOTAL ENGINE 121 000 LBS.					
WEIGHT TENDER LOADED 72 000 LBS.					
WEIGHT TENDER LIGHT 28 000 LBS.					
HEATG. SURF. TUBES 1 478 SQ. FT.					
HEATG. SURF. FIREBOX 1 35 SQ. FT.					
HEATG. SURF. TOTAL 1 613 SQ. FT.					
HEATG. SURF. SUPERHEATER					
TUBES 2" 271					
FIREBOX LENGTH 96"					
FIREBOX WIDTH 34 <sup>3</sup> / <sub>8</sub> "					
GRATE AREA 23 SQ. FT.					
STEAM PRESSURE 165 LBS.					
RATING OF ENGINE 25.7%					
KIND OF MAIN VALVE SLIDE					
KIND OF VALVE GEAR STEPHENSON					
TRACTIVE POWER 25 740 LBS.					

ENG. 704 DISMANTLED  
IN JULY 1927.

2 ENGS.

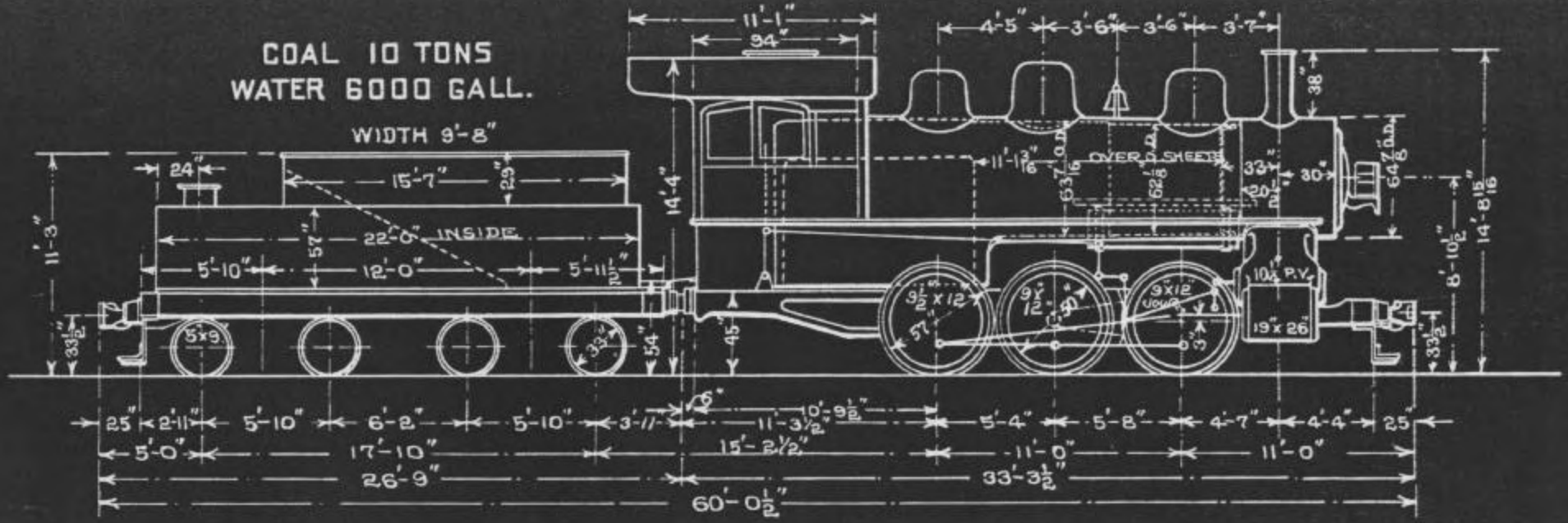
COAL 7 1/2 TONS  
WATER 3500 GALL.





COAL 10 TONS  
 WATER 6000 GALL.

WIDTH 9'-8"



VALVE TRAVEL 6.19", LAP 7/8", LEAD 1/8", EXH. L&L.

B-7

B-9A	CONVERTED FROM CLASS "N" FRT. ORDER 834	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE 9	DATES OF CONVERTING FROM "N"				
		R.R.	BLDRS.								
WEIGHT ON DRIVERS	155 000 LBS.	100	4105	2-1902	BROOKS	S. A. E. F. LEV. A. REV.	11-7-'22	"LEV. A. REV." INDICATES A LEVER OPERATED AIR REVERSE GEAR ON ENG.			
WEIGHT ON TRUCK	NONE	101	4106	" "	"	S. A. E. F. LEV. A. REV.	2-10-'21				
WEIGHT TOTAL ENG.	155 000 LBS.	102	4107	" "	"	S. A. E. H. F. LEV. A. REV.	4-8-'21				
WEIGHT TENDER LOADED	117 700 LBS.	103	4108	" "	"	S. A. E. H. F. LEV. A. REV.	11-20-'20				
WEIGHT TENDER LIGHT	51 900 LBS.	<del>104</del>	<del>4109</del>	" "	"	<del>S. A. E. H. F. LEV. A. REV.</del>	<del>10-23-'20</del>				
HEATG. SURF. TUBES & FLUES $\diamond$	1709 SQ. FT.	105	4110	" "	"	S. A. E. F. LEV. A. REV.	2-9-'21				
HEATG. SURF. F. BOX & AT.	160 SQ. FT.	106	4111	" "	"	S. A. E. H. F. LEV. A. REV.	12-23-'20				
HEATG. SURF. TOTAL	1869 SQ. FT.	107	4112	" "	"	S. A. E. H. F. LEV. A. REV.	8-31-'20				
HEATG. SURF. SUPERHEATER	388 SQ. FT.	108	4113	" "	"	S. A. E. H. F. LEV. A. REV.	6-3-'20				
TUBES 2"-163, FLUES 5 $\frac{3}{8}$ "-22.		109	4114	" "	"	S. A. E. H. F. LEV. A. REV.	5-29-'21				
FIREBOX LENGTH	90"							BOILER NO. IS SAME AS BLDRS.  NOTE-1 ENG. 107-CYLS. 20"x 28" TRACTIVE POWER 31730 LBS. RATING 31.7% 20"x 28" CYLS. WERE ON AT TIME OF CONVERTING FROM "N".  9 ENGS.			
FIREBOX WIDTH	74"										
GRATE AREA	46.25 SQ. FT.										
STEAM PRESSURE	190 LBS.										
RATING OF ENGINE NOTE-1	30.1%										
KIND OF MAIN VALVE	10 $\frac{1}{4}$ " PISTON										
KIND OF VALVE GEAR	STEPHENSON										
TRACTIVE POWER NOTE-1	30166 LBS.										
$\diamond$ 2" TUBES 1254 SQ. FT. 5 $\frac{3}{8}$ " FLUES 455 SQ. FT.							2-26-'31.	5-16-'28.	3-23-'28	10-12-'27	REV.

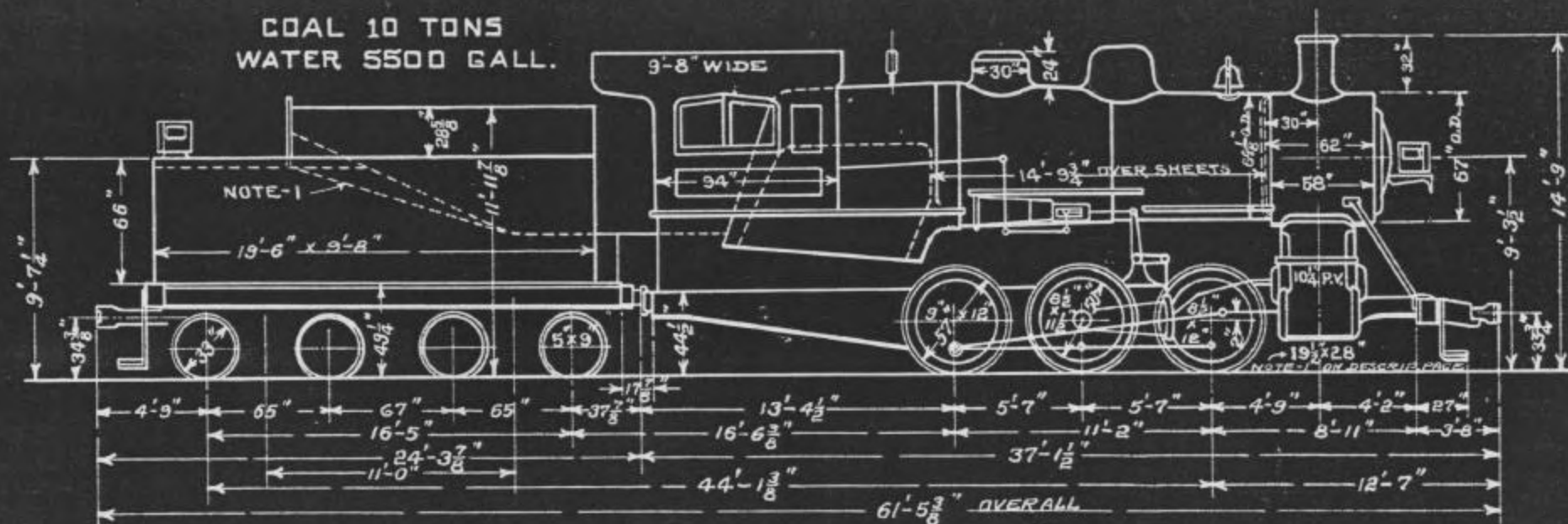


NOTE- ENG. 107 HAS LOWER SLOPING SHEET AND FIGURED  
CAPY. OF COAL 12 TONS, WATER 4960 GALLONS.

DESIGNED FOR 43° CURVE

13

COAL 10 TONS  
WATER 5500 GALL.



10<sup>1</sup>/<sub>4</sub>" P.V. 5<sup>7</sup>/<sub>8</sub>" TRAVEL, 1" LAP, 0" LEAD, EXH. L&L.

B-9A

R.L.A.

REV.	3-8-23	3-14-27	9-9-27	3-8-28	5-16-28

● INDICATES NEW BOILERS APPLIED. ENG. 114, JAN. '27. NO G0-19366-NO 2. ENG. 115, JAN. '27. NO G0-19366 NO 1. BLDRS. BOILER NOS.

B-9B CONVERTED FROM CLASS N-1 ORDER 915 & 955	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE 9	DATES OF CONVERTING FROM "N-1"		
	R.R.	BLDRS.						
WEIGHT ON DRIVERS 160 230 LBS.	110	28205	10-1903	BROOKS	S.F. A.T.E. LEV. A.REV.	12-'23	"LEV. A. REV." INDICATES A LEVER OPERATED AIR REVERSE GEAR.  NOTE-1 ENG. 121 HAS CYLS. 20" X 28" TRACTIVE POWER 31730 LBS. RATING OF 31.7% CYLS. 20" X 28" WERE ON ENG. AT TIME OF CONVERTING.  19 ENGS. RLA	
WEIGHT ON TRUCK NONE	111	28206	" "	"	S.F. A.T.E. LEV. A.REV.	5-27-'22		
WEIGHT TOTAL ENG. 160 230 LBS.	112	28207	" "	"	S.F. A.T.E. LEV. A.REV.	12-29-'20		
WEIGHT TENDER LOADED 116 000 LBS.	113	28208	" "	"	S.F. A.T.E. LEV. A.REV.	10-'24		
WEIGHT TENDER LIGHT 50 167 LBS.	114	28209	" "	"	S.F. A.T. LEV. A.REV.	7-30-'23		
HEATG. SURF. TUBES & FLUES-*	1803 SQ. FT.	115	28210	" "	S.F. A.T.E. LEV. A.REV.	12-'23		
HEATG. SURF. F. BOX & AT.	171 SQ. FT.	116	28211	" "	S.F. A.T.E. H. LEV. A.REV.	9-6-'23		
HEATG. SURF. TOTAL -	1974 SQ. FT.	117	28212	" "	S.F. A.T.E. LEV. A.REV.	4-29-'22		
HEATG. SURF. SUPERHEATER	412 SQ. FT.	118	28213	" "	S.F. A.T.E. LEV. A.REV.	9-27-'23		
TUBES 2"-169, FLUES 5 <sup>3</sup> / <sub>8</sub> "-24.	119	28214	" "	"	S.F. A.T.E. LEV. A.REV.	5-31-'22		
FIREBOX LENGTH -	96"	120	28215	" "	S.F. A.T.E. H. LEV. A.REV.	9-6-'23		
FIREBOX WIDTH -	63"	121	28216	" "	S.F. A.T. H. LEV. A.REV.	10-3-'23		
GRATE AREA	40.9 SQ. FT.	122	28217	" "	S.F. A.T. H. LEV. A.REV.	10-20-'23		
STEAM PRESSURE	190 LBS.	123	28218	" "	S.F. A.T.E. H. LEV. A.REV.	8-9-'22		
RATING OF ENGINE NOTE-1	30.1%	124	28219	" "	S.F. A.T. LEV. A.REV.	12-'23		
KIND OF MAIN VALVE	10 <sup>1</sup> / <sub>4</sub> " PISTON	125	29575	3-1904	"	S.F. A.T. LEV. A.REV.		12-'23
KIND OF VALVE GEAR	STEPHENSON	126	29576	" "	"	S.F. A.T.E. LEV. A.REV.		10-'23
TRACTIVE POWER NOTE-1	30 166 LBS.	127	29577	" "	"	S.F. A.T.E. LEV. A.REV.		7-30-'23
		128	29578	" "	"	S.F. A.T.E. H. LEV. A.REV.		10-13-'23
		129	29579	" "	"	S.F. A.T.E. LEV. A.REV.	2-26-'25	

\* 2" TUBES-1305 SQ. FT., 5<sup>3</sup>/<sub>8</sub>" FLUES-498 SQ. FT.

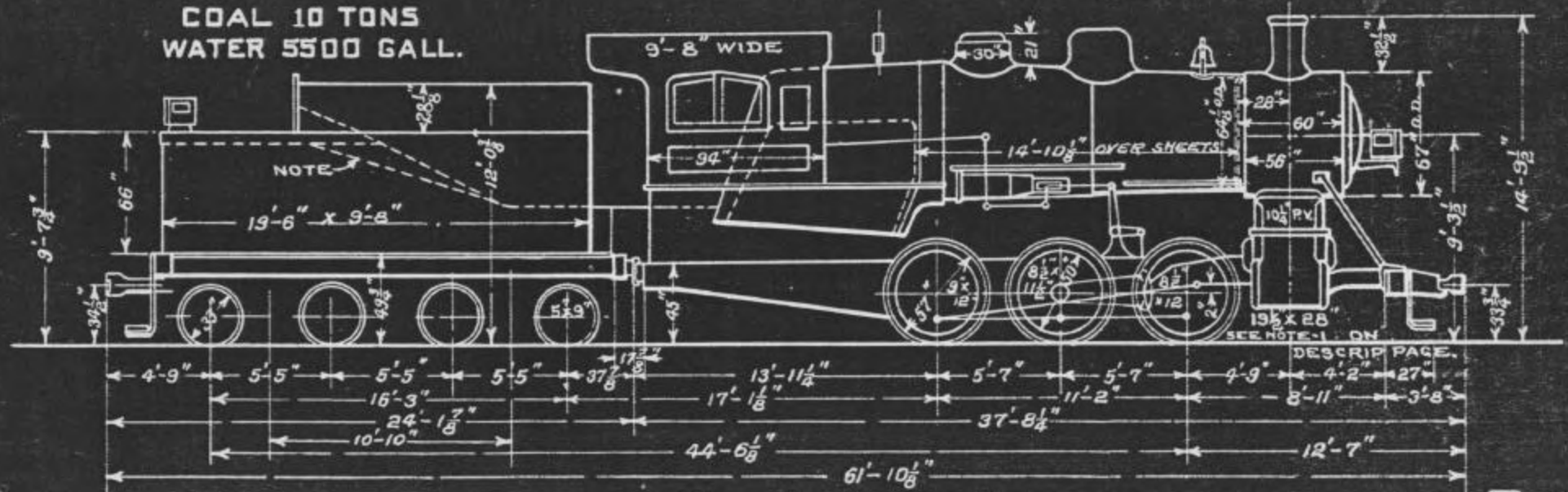
2-26-'31 5-16-'28 3-23-'28 10-12-'27 REV

NOTE ENG. 110 HAS LOWER SLOPING SHEET AND FIGURED CAPY. OF COAL 12 TONS, WATER 4960 GALLONS.

DESIGNED FOR 43° CURVE.

14

COAL 10 TONS  
WATER 5500 GALL.



10 1/2" P.V. 5 7/8" TRAVEL, 1" LAP, 0" LEAD, EXH. L & L.

B-9B

REV.	3-5 '26.	3-9 '27	3-8 '28.	5-16 '28.

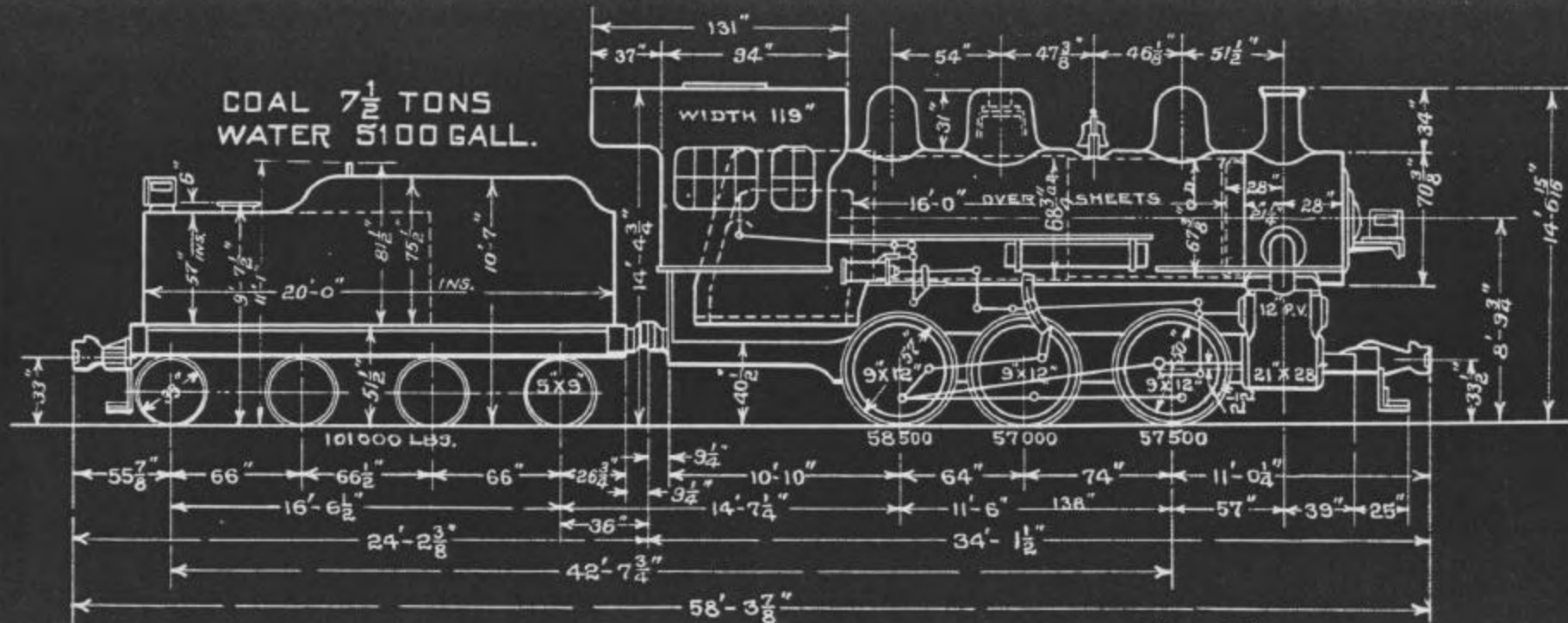
B-11A	R.R. LOT 199	ORDER B-1413	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT.- PAGE 9
			R. ROAD	BLDRS.			
WEIGHT ON DRIVERS	173 000 LBS.	50	56303	OCT. 1916	BROOKS	M. REV. S. F. AT. H. W.	BLDRS. BOILER NO. 15 SAME AS BLDRS. ENG. NO.
" " ENG. TRUCK		51	56304	"	"	M. REV. S. F. AT. H. W.	
" TOTAL ENGINE	173 000 LBS.	52	56305	"	"	M. REV. S. F. AT. H. W. E.	
" TENDER LOADED	101 000 LBS.	53	56306	"	"	M. REV. S. F. AT. H. W.	
" " LIGHT	43 500 LBS.	54	56307	"	"	M. REV. S. F. AT. E. W.	
HEATG. SURF. TUBES & FLUES *	1827 SQ. FT.	55	56308	"	"	M. REV. S. F. AT. E. W.	
" " F. BOX & ARCH TUBES	145 SQ. FT.	56	56309	"	"	M. REV. S. F. AT. E. W.	
" " TOTAL	1972 SQ. FT.	57	56310	"	"	M. REV. S. F. AT. E. W. O.	
" " SUPERHEATER	441 SQ. FT.	58	56311	"	"	M. REV. S. F. AT. E. W.	
TUBES 2" - 155, FLUES 5 <sup>3</sup> / <sub>8</sub> " - 24		59	56312	"	"	M. REV. S. F. AT. E. W.	
FIREBOX LENGTH	72 <sup>1</sup> / <sub>8</sub> "						
" WIDTH	65 <sup>1</sup> / <sub>4</sub> "						
GRATE AREA	32.7 SQ. FT.						
STEAM PRESSURE	180 LBS.						
RATING OF ENG.	33.1%						
KIND OF MAIN VALVE	12" P. V.						
KIND OF VALVE GEAR	WALSCHAERT						
TRACTION POWER	33 150 LBS.						

R.L.A.

10 ENGS. B11A.

\* 2" 1290 SQ. FT. 5<sup>3</sup>/<sub>8</sub>" 537 SQ. FT.

9-9-27 4-25-27 5-12-26 REV.



12" P. VALVE, 5 3/4" TRAVEL, 7/8" LAP, 3/16" LEAD, EXH. L. & L.

B11A

REV. 4-17-29 9-9 27

B-11B	R.R. LOT 202	ORDER 5564-5573		NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE-9
		R. ROAD	BLDRS.					
WEIGHT ON DRIVERS	173 000 LBS.	60	5564	MAY 1917	LIMALCO CO.	R. REV. S. F. AT. W. E.		
" " ENG. TRUCK	NONE	61	5565	"	"	R. REV. S. F. AT. W.		
" TOTAL ENGINE	173 000 LBS.	62	5566	"	"	R. REV. S. F. AT. W. E.		
" TENDER LOADED	115 800 LBS.	63	5567	"	"	R. REV. S. F. AT. W. E.		
" " LIGHT	46 200 LBS.	64	5568	"	"	R. REV. S. F. AT. W. E.		
HEATG. SURF. TUBES & FLUES *	1827 SQ. FT.	65	5569	"	"	R. REV. S. F. AT. W.		
" " F. BOX & A. TUBES	145 SQ. FT.	66	5570	"	"	R. REV. S. F. AT. W. E.		
" " TOTAL	1972 SQ. FT.	67	5571	"	"	R. REV. S. F. AT. W. E.		
" " SUPERHEATER	441 SQ. FT.	68	5572	"	"	R. REV. S. F. AT. W. E. H.A.		
TUBES 2"-155	FLUES 5 <sup>3</sup> / <sub>8</sub> "-24	69	5573	"	"	R. REV. S. F. AT. W. E.		
FIREBOX LENGTH	72 <sup>1</sup> / <sub>8</sub> "							
" WIDTH	65 <sup>1</sup> / <sub>4</sub> "							
GRATE AREA	32.7 SQ. FT.							
STEAM PRESSURE	180 LBS.							
RATING OF ENGINE	33.1%							
KIND OF MAIN VALVE	12" P.V.							
KIND OF VALVE GEAR	WALSCHAERT							
TRACTIVE POWER	33 150 LBS.							

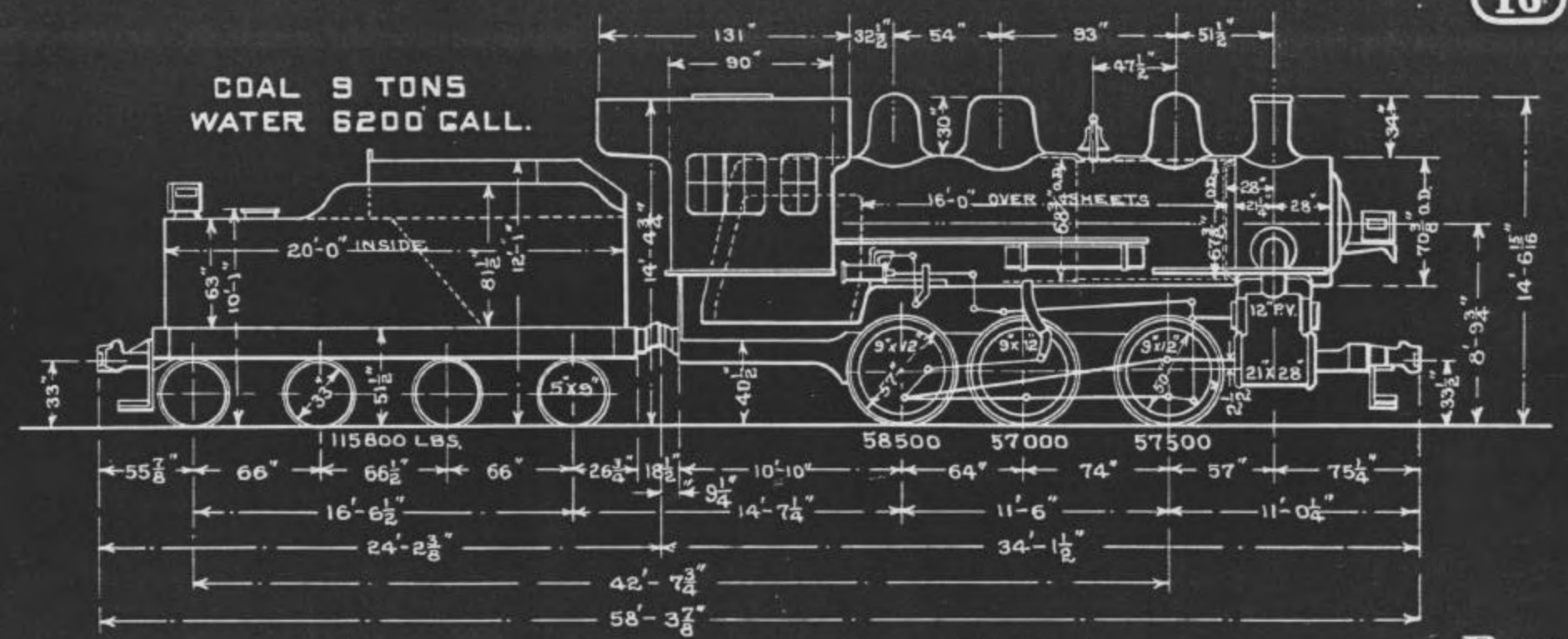
BOILER NO. IS SAME AS BLDRS. ENG. NO.

10 ENCS. B11B.

\* 2"-1290 SQ. FT. 5<sup>3</sup>/<sub>8</sub>" 537 SQ. FT.

9-9-'27 4-25-'27 5-12-'26 REV

COAL 9 TONS  
WATER 6200 GALL.



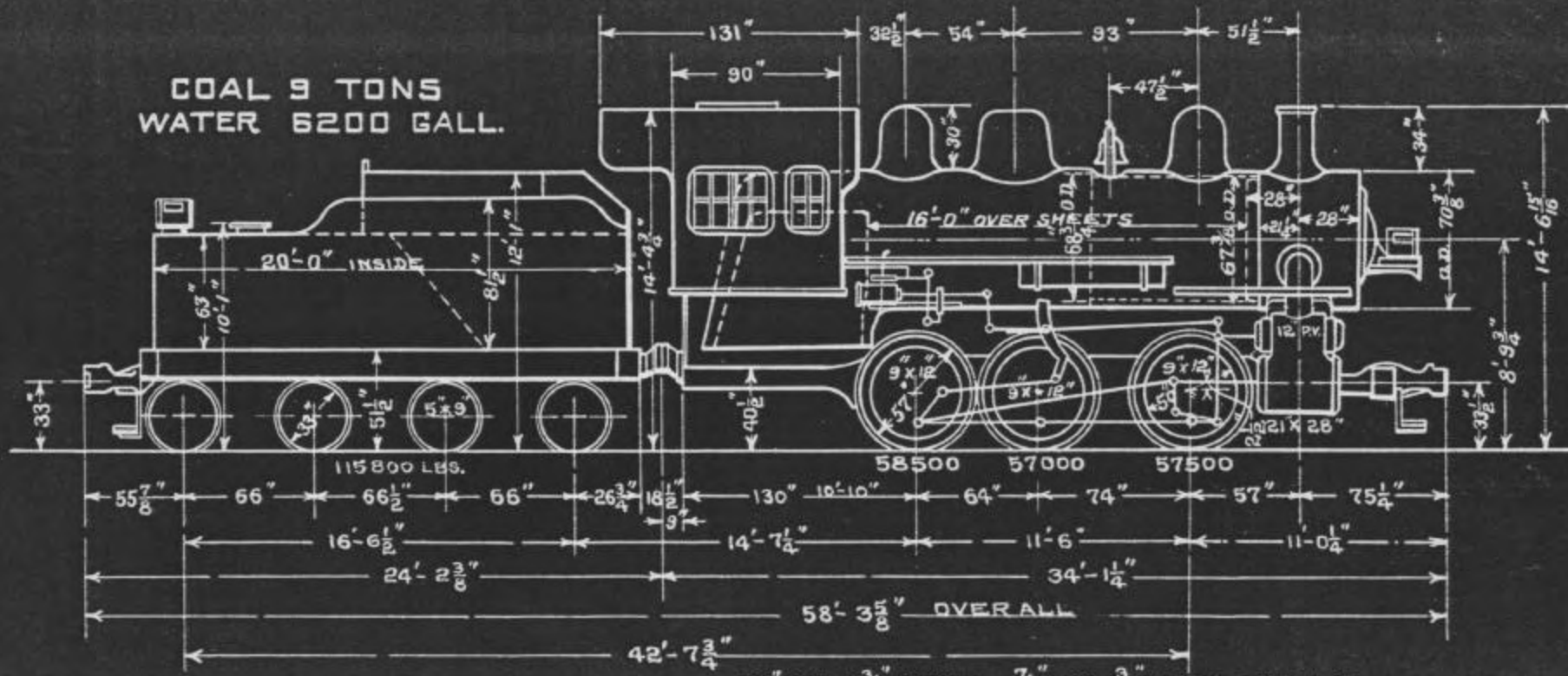
B-11B

FLA  
REV. 9-9-'27





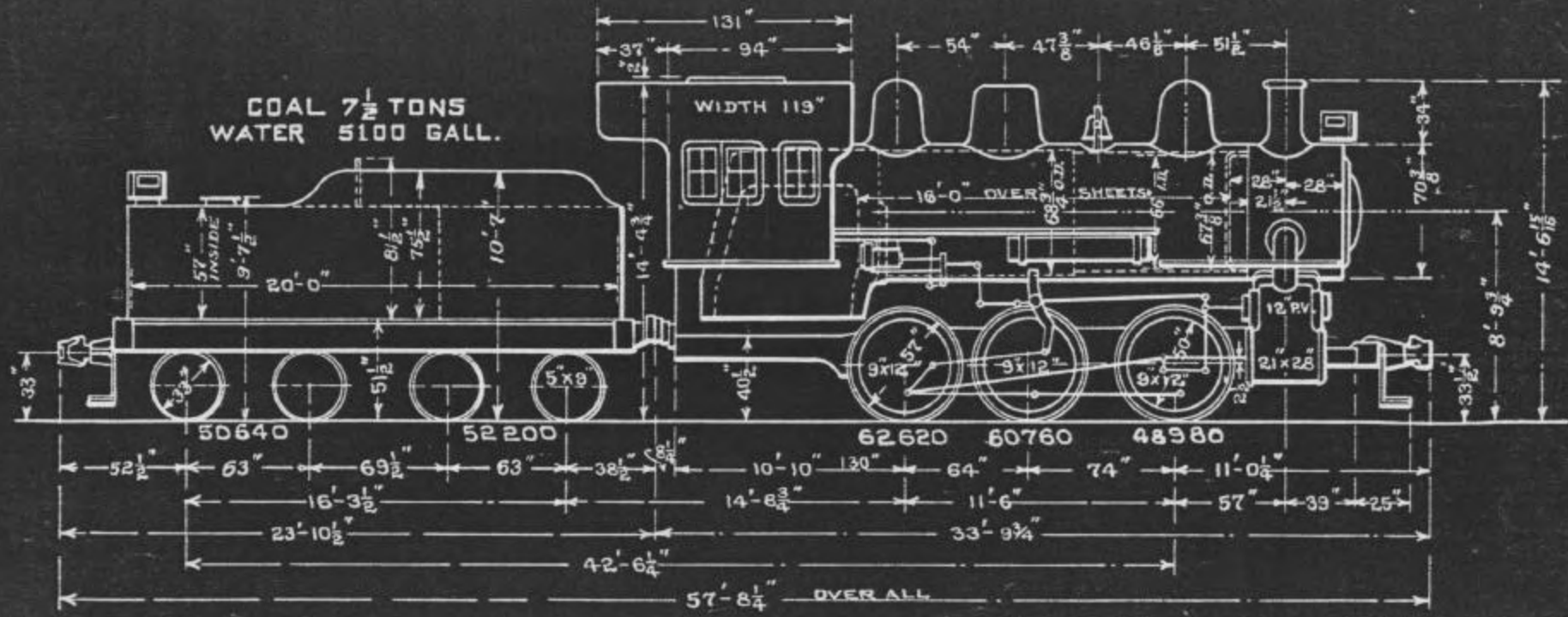
COAL 9 TONS  
WATER 6200 GALL.



B11C

REV	4-19	9-9							
	26	27							





12 VALVE, 5 3/8" TRAVEL, 7/8" LAP, EXH. L & L. 3/16" LEAD.

B-11D

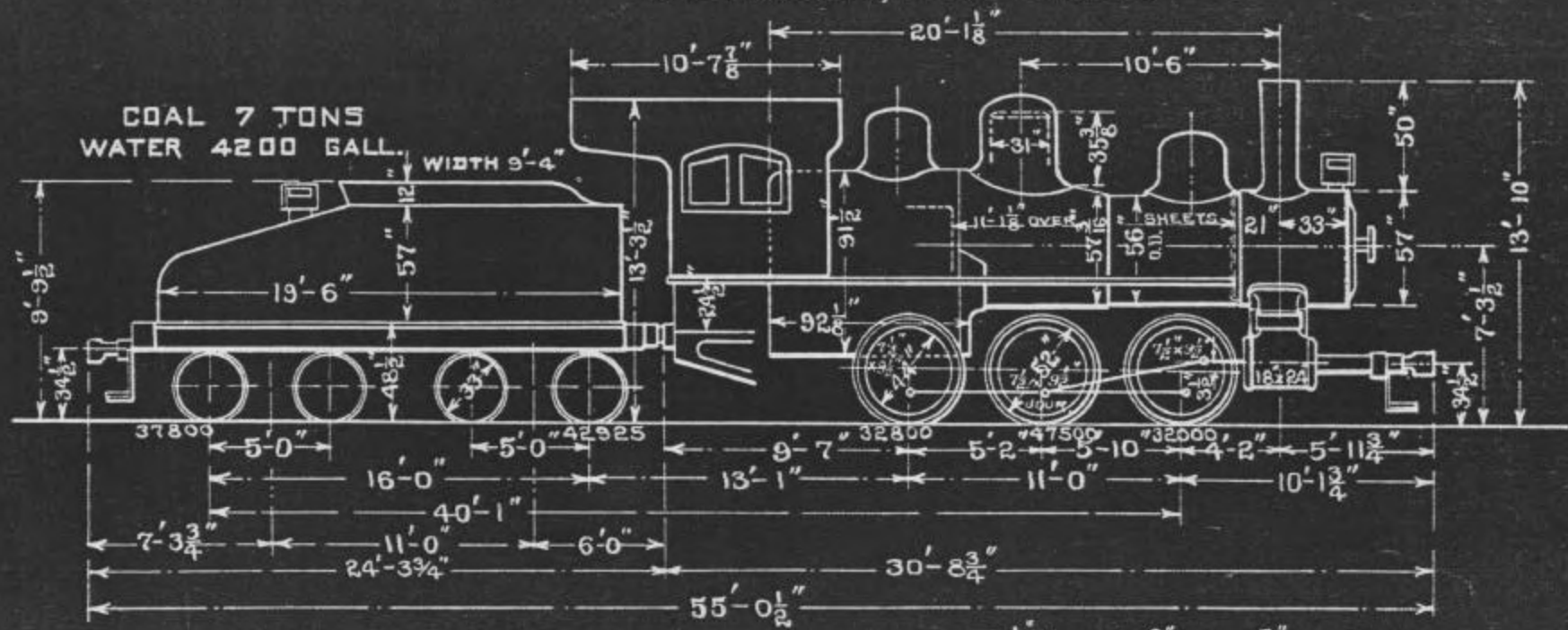
REV.	4-24-25	7-12-25	9-9-25		
	24	24	27		







ONE ENG. ONLY, No 28 FEB. 1931



5/4 V. TRAV. 3/32 LEAD, 7/8 LAP. EXH. L & L.

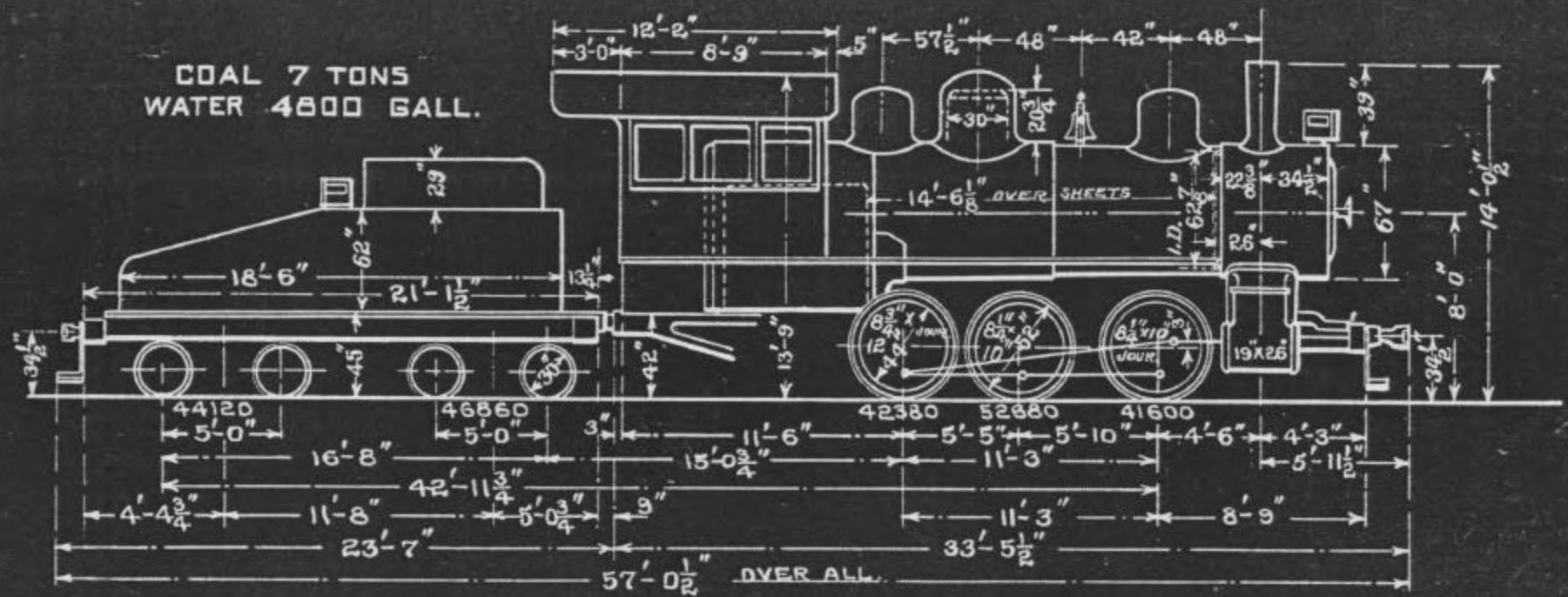
B-40

REV	1-24	7-5	10-24	4-9	3-10	9-9	2-24
	24	24	25	26	27	27	31





COAL 7 TONS  
WATER 4800 GALL.



5/4" V. TRAV. 1/8" LEAD, 3/4" LAP, EXH. L.&L.

B-54

REV.	4-24	7-12	3-30	6-27	4-9	3-10	9-9
	24	24	25	25	26	27	27

B-55	ORDER B-853	NO. OF ENGINE		DATE BUILT	BUILDER	SPECIAL EQUIP'T. PER PAGE 9	L.E.&W. DIST. OLD ENG. NO.
		R.ROAD	BLDRS.				
WEIGHT ON DRIVERS -	142540 LBS.	42	25526	1902	A.L.C.O.	F.E. AT. R. REV.	4377
WEIGHT ON ENG. TRUCK -	NONE	<del>43</del>	<del>25533</del>	<del>1902</del>	<del>A.L.C.O.</del>	<del>F.E. AT. R. REV.</del>	<del>4384</del>
WEIGHT TOTAL ENGINE -	142540 LBS.	<del>44</del>	<del>25539</del>	<del>1902</del>	<del>A.L.C.O.</del>	<del>F.E. K.A. AT. R. REV.</del>	<del>4390</del>
WEIGHT TENDER LOADED -	100200 LBS.	45	25541	1902	A.L.C.O.	F.E. AT. R. REV.	4392
WEIGHT TENDER LIGHT -	36500 LBS.	46	25542	1902	A.L.C.O.	F.E. S. AT. R. REV.	4393
HEATG. SURF. TUBES -	2184 SQ. FT.						
HEATG. SURF. FIREBOX* -	142 SQ. FT.						
HEATG. SURF. TOTAL -	2326 SQ. FT.	ENGS. 43-44		SEE PAGE		22-A NOV. 10-'30.	
TUBES 2" -	279	NOTE-1					
FIREBOX LENGTH -	65 1/8"						
FIREBOX WIDTH -	62 1/4"						
GRATE AREA -	28.2 SQ. FT.						
STEAM PRESSURE -	180 LBS.						
RATING OF ENGINE -	30.6%						
KIND OF MAIN VALVE -	11" PISTON						
VALVE GEAR -	STEPHENSON						
TRACTIVE POWER -	30600 LBS.						

NOTE-1.  
SUPERHEATED ENGS. HAVE 24 OF  
5 3/8" FLUES, 159- 2" TUBES.

BOILER NO. 15 SAME AS BLDRS. ENG. NO.

3 ENGS.

RLA.

\* INCLUDING ARCH TUBES

11-8	9-9	9-10	8-8	4-9	3-11	7-15	7-5	1-24	REV
30	27	27	26	26	26	24	24	'24	

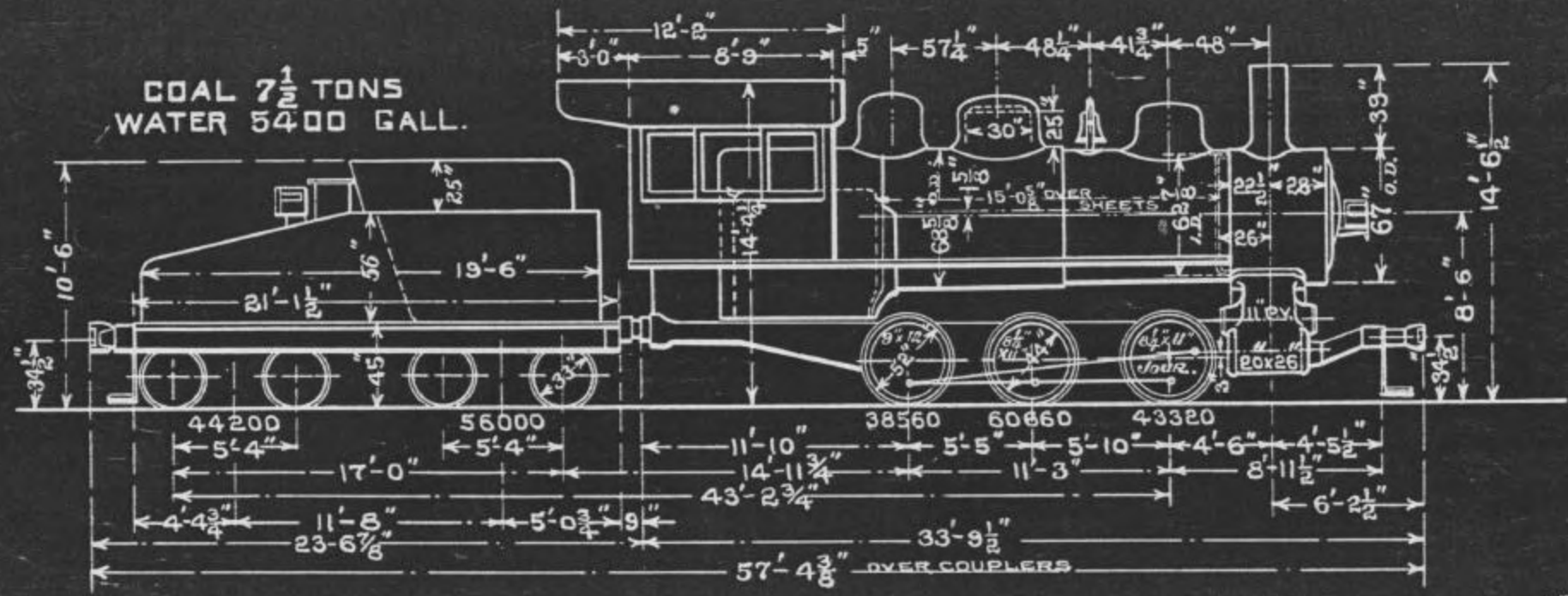
B55	ORDER B-853	NO. OF ENGINE		DATE BUILT	BUILDER	SPECIAL EQUIP'T. PER PAGE 9	L.E.&W. DIST. OLD ENG. NO.
		R.ROAD	BLDRS.				
WEIGHT ON DRIVERS	142540 LBS.						
" ON ENG. TRUCK	NONE	43	25533	1902	A.L.CO.	F.E.AT. R.REV.	4384
" TOTAL ENGINE	142540 LBS.	44	25539	1902	A.L.CO.	F.E.H.A.ATR.REV.	4390
" TENDER LOADED-	126200 LBS.						
" TENDER LIGHT-	50700 LBS.						
HEATG SURF. TUBES -	2184 SQ.FT.						
" " FIREBOX & A.T. -	142 SQ.FT.						
" " TOTAL -	2326 SQ.FT.						
TUBES - 2" -	279						
FIREBOX LENGTH -	65 1/8"						
" WIDTH -	62 1/4"						
GRATE AREA -	28.2 SQ. FT.						
STEAM PRESSURE -	180 LBS.						
RATING OF ENGINE -	30.6%						
KIND OF MAIN VALVE	11" PISTON						
VALVE GEAR -	STEPHENSON						
TRACTIVE POWER	30600 LBS.						

BOILER NO. IS SAME AS BLDRS. ENGINE NUMBER

THE FOLLOWING ENGS. HAVE TENDERS FROM G44 CLASS AND WERE FORMERLY SHOWN ON PAGE 22: ENGS 43,44

2 ENGS.

COAL 7½ TONS  
WATER 5400 GALL.



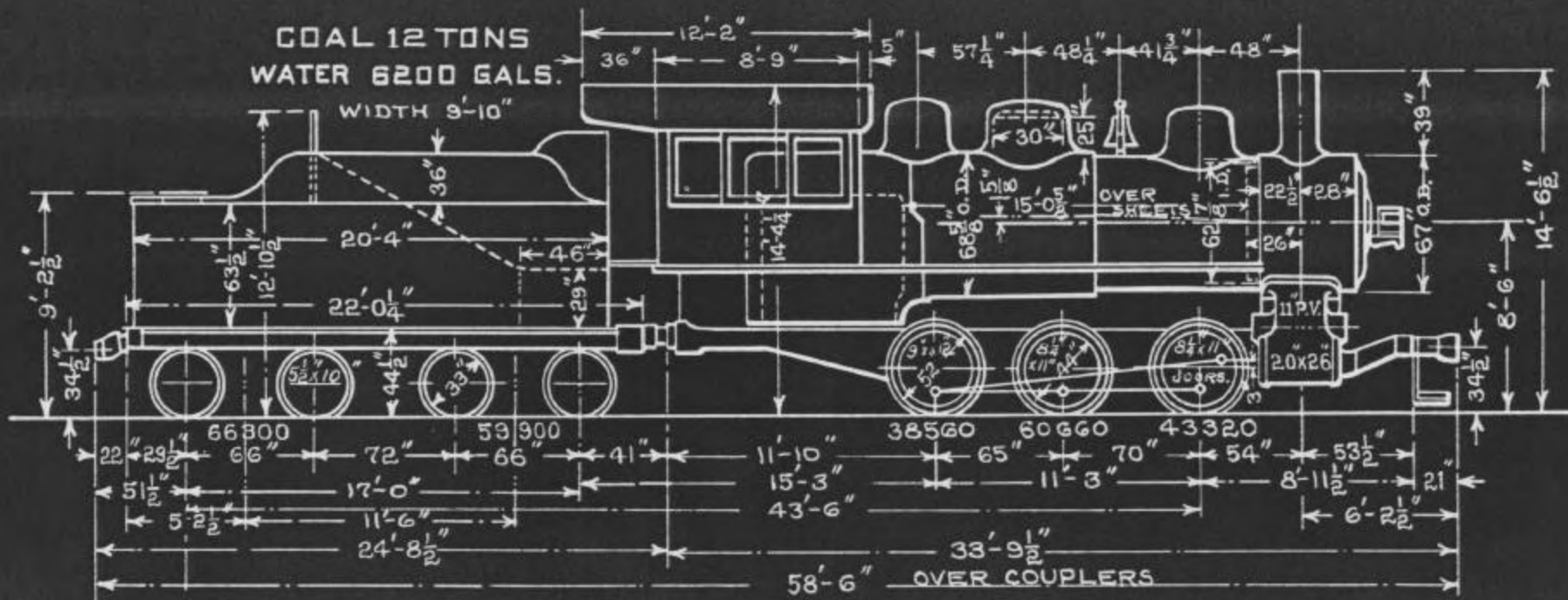
11" P. VALVE, 1/8" LEAD, 7/8" LAP, EXH. L.&L. VALVE TRAVEL 5 1/4"

B-55

REV.	DATE	BY	CHKD.	APP.
1	4-24	7-12	10	
2	24	25	4-9	
3		26	3-10	
4		27	9	
5		28	11-8	
6		29		
7		30		

TENDERS FROM G-44 ENGS.

22-A



STEPHENSON GEAR

11" P. VALVE, 5 1/4" TRAVEL 7/8" LAP, 1/8" LEAD, EXH. L & L.

B-55

REV 11-8-'30. NEW 11-21-'30

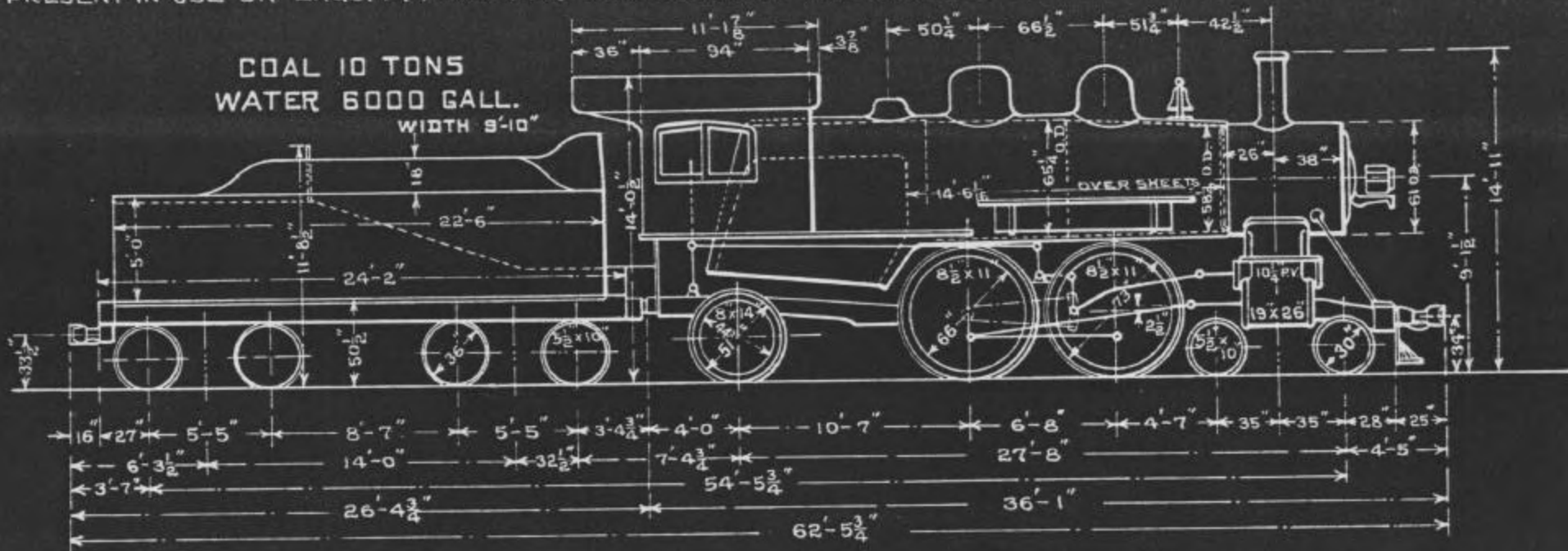
E-3 SHOP ORDER NO. 961	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE-9	OLD ENG. NO. OF CLOVER LEAF DISTRICT.		
	R.R.	BLDRS.						
WEIGHT ON DRIVERS	90000	LBS.	744	29270	1904	BROOKS	F.A.H.	44
WEIGHT ON ENG. TRUCK	34000	LBS.	745	29271	1904	BROOKS	F.A.H.	45
WEIGHT ON TR. TRUCK	28000	LBS.						
WEIGHT TOTAL ENGINE	152000	LBS.						
WEIGHT TENDER LOADED	117300	LBS.						
WEIGHT TENDER LIGHT	47000	LBS.						
HEATG. SURF. TUBES	2030	SQ. FT.						
HEATG. SURF. FIREBOX	140.4	SQ. FT.						
HEATG. SURF. TOTAL	2170.4	SQ. FT.						
HEATG. SURF. SUPERHEATER								
TUBES 2"	269							
FIREBOX LENGTH	90"							
FIREBOX WIDTH	68"							
GRATE AREA	42.5	SQ. FT.						
STEAM PRESSURE	200	LBS.						
RATING OF ENGINE	21.8%							
KIND OF MAIN VALVE	10 1/4"	P.V.						
KIND OF VALVE GEAR	STEPHENSON							
TRACTIVE POWER	21800	LBS.						

2 ENGS.

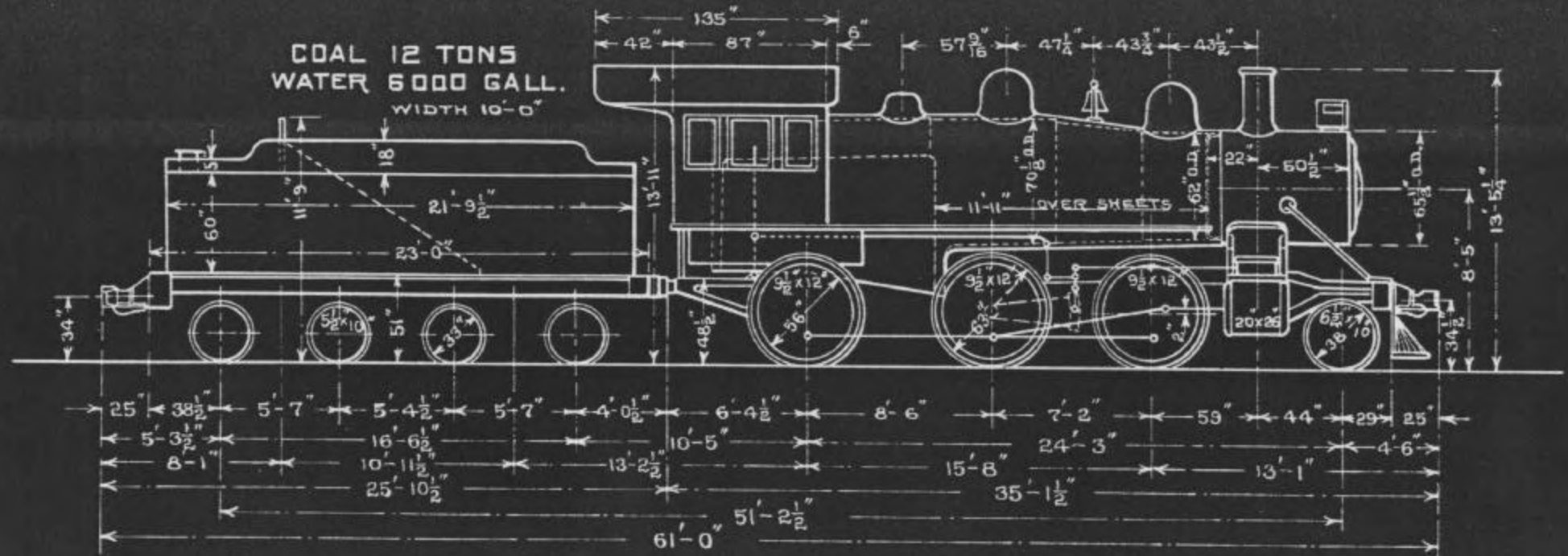
R.L.A.

NOTE-1. TENDERS HERE SHOWN ARE THE 744 AND 745 CLASS TENDERS FURNISHED WITH ENGS. AS BUILT. THESE ARE NOW EXCHANGED WITH TWO TENDERS FROM THE 850 CLASS WHICH ARE AT PRESENT IN USE ON ENGS. 744 AND 745. SEE PAGE 67 FOR 850 CLASS.

COAL 10 TONS  
WATER 6000 GALL.  
WIDTH 9'-10"



10 1/4" P. VALVE, VALVE TRAVEL 6", LAP 1/8", LEAD 1/16", EXH. 1/8" NEG. LAP.



RLA

REV. 9-9-27

F-7



F-7	BLDRS.GENL.NO. 8-34-D 491-492	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE-9	OLD ENG.NO. OF CLOVER LEAF DISTRICT
		R.R.	BLDRS.				
WEIGHT ON DRIVERS	138176 LBS.	826	31954	1907	BALDWIN	F. AT. H.	
WEIGHT ON ENG. TRUCK	23800 LBS.	827	31955	1907	BALDWIN	F. AT. A.H.	
WEIGHT TOTAL ENGINE	161976 LBS.						
WEIGHT TENDER LOADED	133850 LBS.						
WEIGHT TENDER LIGHT	59800 LBS.						
HEATG. SURF. TUBES	1754 SQ. FT.						
HEATG. SURF. FIREBOX	185 SQ. FT.						
HEATG. SURF. TOTAL	1939 SQ. FT.						
HEATG. SURF. SUPERHEATER							
TUBES 2"	283						
FIREBOX LENGTH	120"						
FIREBOX WIDTH	40"						
GRATE AREA	33.4 SQ. FT.						
STEAM PRESSURE	200 LBS.						
RATING OF ENGINE	28.2%						
KIND OF MAIN VALVE	SLIDE						
KIND OF VALVE GEAR-STEPHENSON							
TRACTIVE POWER	28200 LBS.						

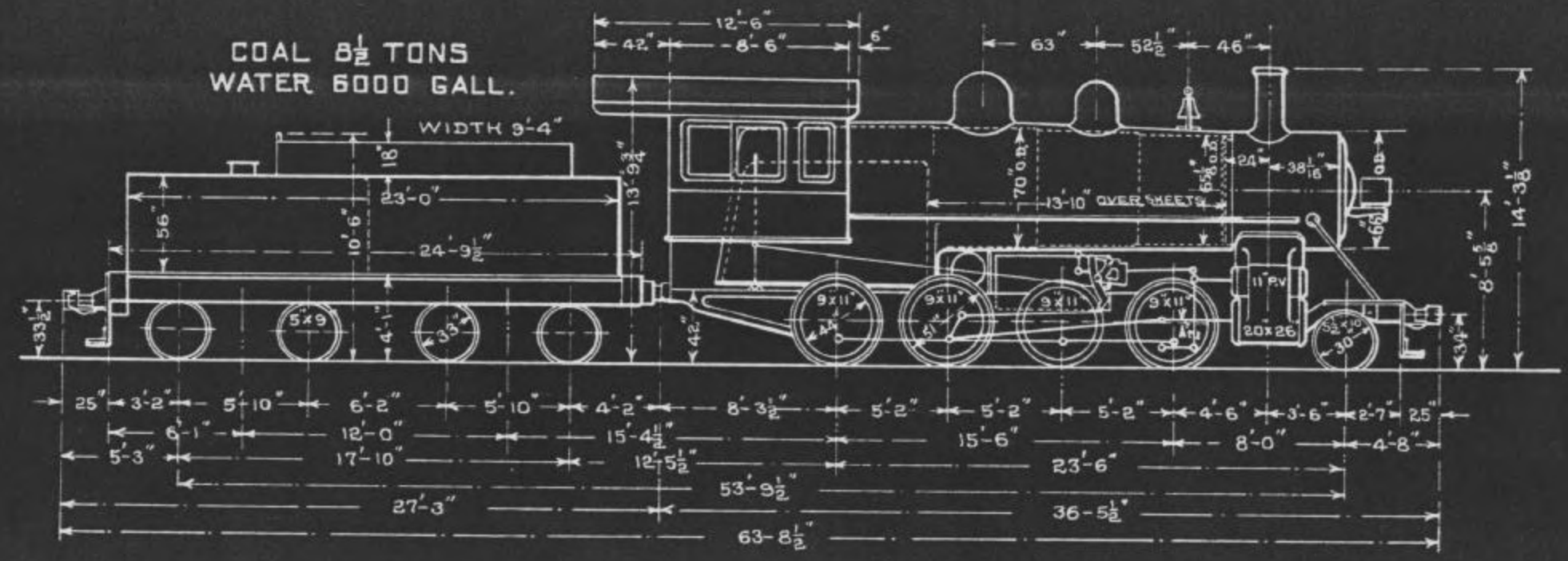
2 ENGS.

R.L.A.

9-9-27 REV



COAL 8½ TONS  
WATER 6000 GALL.



RLA.

REV. 9-9-'27

VALVE TRAVEL 6", LAP 7/8", LEAD 1/4", EXH. L&L.

G-4

G-6V ORDER B-1270	NO. OF ENG.		DATE BUILT	BUILDER	SEE PAGE 9 FOR SPECIAL EQUIPT.	OLD ENG. NUMBERS L&W.DIST.
	R.ROAD	BLDRS.				
WEIGHT ON DRIVERS - 210550 LBS.	475	49516	1911	A.L.CO.	F.S.AT. R.REV.	5605
WEIGHT ON ENG. TRUCK - 26180 LBS.	476	49517	1911	A.L.CO.	F.S.AT. R.REV.	5606
WEIGHT-TOTAL ENGINE - 236730 LBS.	477	49518	1911	A.L.CO.	F.S.AT. R.REV.	5607
WEIGHT TENDER-LOADED - 152533 LBS.	478	49519	1911	A.L.CO.	F.S.AT.	5608
WEIGHT TENDER-LIGHT - 60100 LBS.	479	49520	1911	A.L.CO.	F.S.AT. R.REV.	5609
HEATG. SURF. TUBES & FLUES - 2770 SQ. FT.	480	49521	1911	A.L.CO.	F.S.AT. R.REV.	5610
HEATG. SURF. FIREBOX* - 212 SQ. FT.	481	49522	1911	A.L.CO.	F.S.AT. R.REV.	5611
HEATG. SURF. TOTAL - 2982 SQ. FT. <small>NOTE-1.</small>	482	49523	1911	A.L.CO.	F.S.AT. R.REV.	5612
HEATG. SURF. SUPERHEATER - 858 SQ. FT.	483	49524	1911	A.L.CO.	F.S.AT. R.REV.	5613
TUBES NO. 2" - 262, FLUES NO. 5 <sup>3</sup> / <sub>8</sub> " - 34	484	49525	1911	A.L.CO.	F.S.AT. R.REV.	5614
FIREBOX LENGTH - 108 <sup>1</sup> / <sub>8</sub> "						
FIREBOX WIDTH - 75 <sup>1</sup> / <sub>4</sub> "						
GRATE AREA - 56.5 SQ. FT.						
STEAM PRESSURE - 200 LBS.						
RATING OF ENGINE - 45.7%						
KIND OF MAIN VALVE - 14 PISTON						
VALVE GEAR - WALSCHAERT						
TRACTIVE POWER 45700 LBS.						

NOTE-1,  
ENGS. WITH THERMIC SYPHON  
HAVE F. BOX HEATG. SURF. OF  
257.9 SQ. FT. INCLUDING  
SYPHON AND ARCH TUBES,  
AND TOTAL HEATG. SURF.  
OF 3027.9 SQ. FT. FORTUBES  
FLUES AND FIREBOX

NOTE-2,  
BLDRS. ENG. NOS. ARE SAME  
AS BLDRS. BOILER NOS.

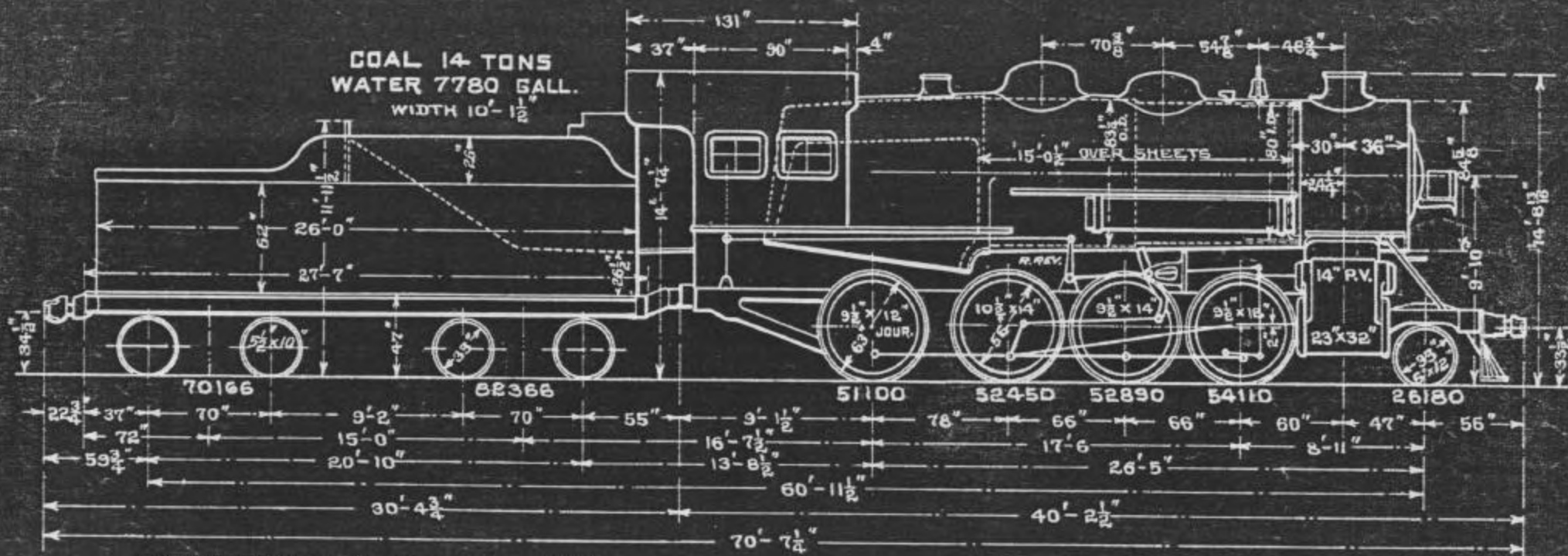
10 ENGS.

\* INCLUDING ARCH TUBES

10-7	2-1	9-9	4-8	3-26	3-15	5-11	11-5	7-12	6-13	4-20	REV.
29	29	27	27	27	27	26	25	23	24	24	

ENG. DESIGNED FOR 18°-30' CURVE

32



COAL 14 TONS  
WATER 7780 GALL.  
WIDTH 10'-1 1/2"

ENG. WTS. FROM LIMA LOCO. WORKS 3-10-1927.

6 1/2" V. TRAV., 3/16" LEAD, 1" LAP, EXH. L.&L.

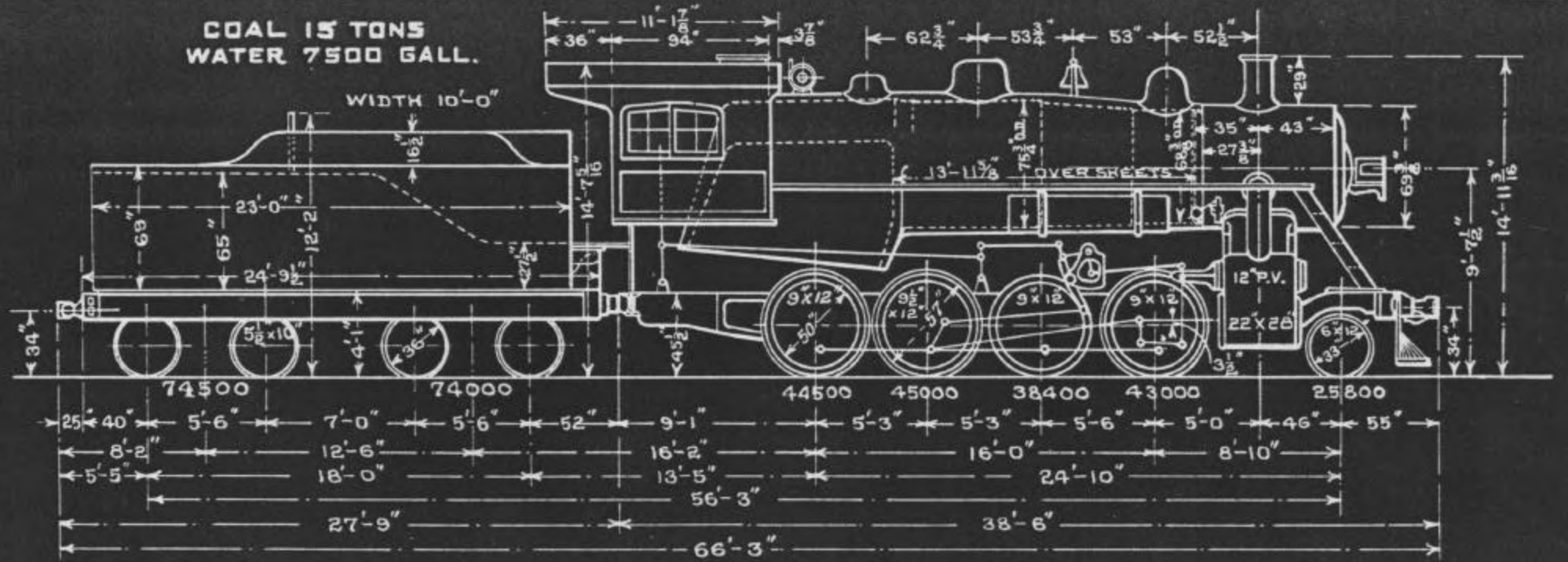
G6V

REV.	DATE	BY	CHKD.	APP.
1	4-24-24	RLA		
2	7-12-24			
3	3-3-25			
4	10-29-25			
5	6-25-26			
6	10-3-27			
7	8-4-27			
8	9-9-27			
9	7-7-27			

G-7	GENL.NO.10-36E-1261 TO 1265			NO.OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE 9	OLD ENG. NO. OF GLOVER LEAF DISTRICT
	R.R.	BLDRS.							
WEIGHT ON DRIVERS	170 900	LBS.	890	40866	1913	BALDWIN	F.S.AT.H.A.	190	
WEIGHT ON ENG.TRUCK	25800	LBS.	891	40867	1913	BALDWIN	F.S.AT.H.	191	
WEIGHT TOTAL ENGINE	196 700	LBS.	892	40868	1913	BALDWIN	F.S.AT.H.A.	192	
WEIGHT TENDER LOADED	148500	LBS.	893	40869	1913	BALDWIN	F.S.AT.H.	193	
WEIGHT TENDER LIGHT	56 000	LBS.	894	40870	1913	BALDWIN	F.S.AT.H.	194	
HEATG.SURF. TUBES & FLUES	1800	SQ.FT.							
HEATG.SURF. F.BOX & ARCH TUBES	176	SQ.FT.							
HEATG.SURF. TOTAL	1976	SQ.FT.							
HEATG.SURF. SUPERHEATER	470	SQ.FT.							
TUBES 2"-175, FLUES 27-5 $\frac{3}{8}$ "									
FIREBOX LENGTH	108"								
FIREBOX WIDTH	63"								
GRATE AREA	47.25	SQ.FT.							
STEAM PRESSURE	185	LBS.							
RATING OF ENGINE	37.5%								
KIND OF MAIN VALVE	12" P.V.								
KIND OF VALVE GEAR	BAKER								
TRACTIVE POWER	37 500	LBS.							

5 ENGS. R.L.A. 4-10-31 9-10-30 9-9-27 REV

COAL 15 TONS  
WATER 7500 GALL.



VALVE TRAVEL 6<sup>1</sup>/<sub>2</sub>", LAP 7<sup>7</sup>/<sub>8</sub>", LEAD 1<sup>1</sup>/<sub>8</sub>", EXH. L & L.

G-7

R.L.A.

REV.	9-9-27	9-10-30	4-10-31				
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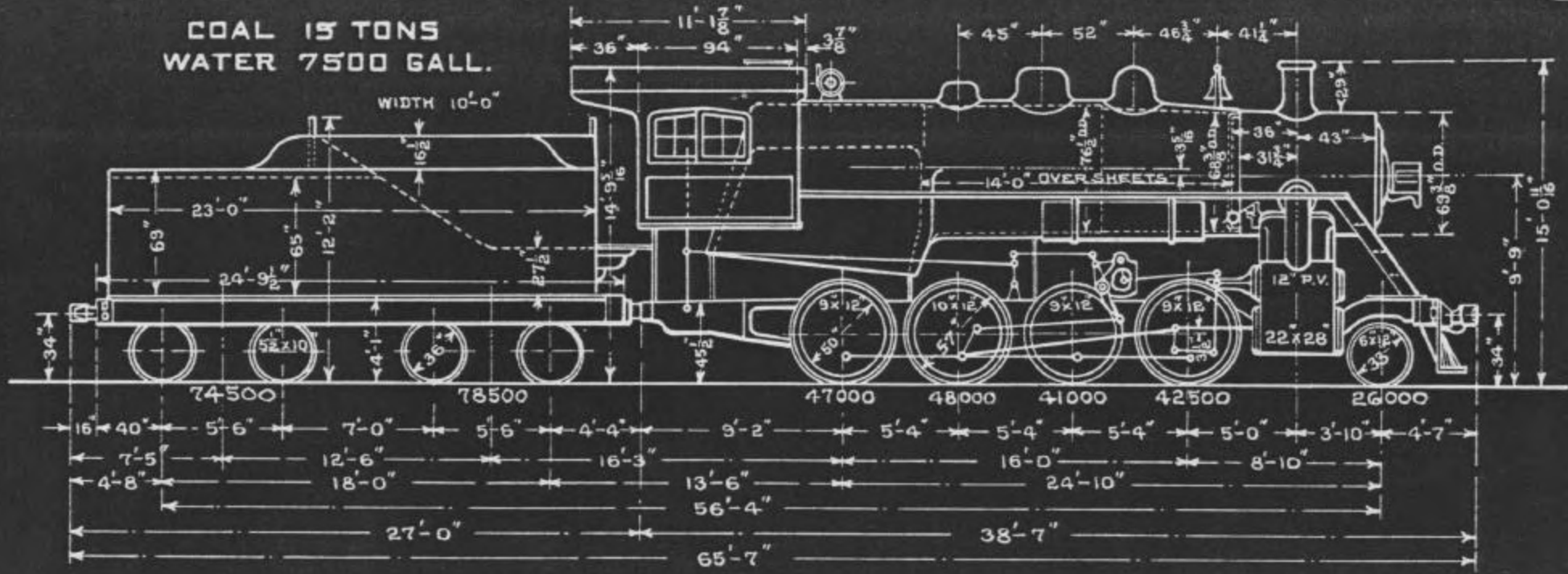


G-9	BLDRS. ORDER NO. 1024	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE-9	OLD ENG. NO. OF CLOVER LEAF DISTRICT.
		R.R.	BLDRS.				
WEIGHT ON DRIVERS	178 500 LBS.	906	6127	1921	LIMA	F. S. AT. A.H.	206
WEIGHT ON ENG. TRUCK	26000 LBS.	907	6128	1921	LIMA	F. S. AT. A.H.	207
WEIGHT TOTAL ENGINE	204500 LBS.	908	6129	1921	LIMA	F. S. AT. A.H.	208
WEIGHT TENDER LOADED	153000 LBS.	909	6130	1921	LIMA	F. S. AT. A.H.	209
WEIGHT TENDER LIGHT	60500 LBS.	910	6131	1921	LIMA	F. S. AT. A.H.	210
HEATG. SURF. TUBES & FLUES	1898 SQ. FT.	911	6243	1922	LIMA	F. S. AT. A.H.	211
HEATG. SURF. F. BOX & A. TUBES	178 SQ. FT.	912	6244	1922	LIMA	F. S. AT. A.H.	212
HEATG. SURF. TOTAL	2076 SQ. FT.	914	6245	1922	LIMA	F. S. AT. A.H.	214
HEATG. SURF. SUPERHEATER	470 SQ. FT.	915	6246	1922	LIMA	F. S. AT. A.H.	215
TUBES 2" 188, FLUES 5 $\frac{3}{8}$ "-27.		916	6247	1922	LIMA	F. S. A.H.	216
FIREBOX LENGTH	107 $\frac{1}{8}$ "						
FIREBOX WIDTH	62 $\frac{1}{4}$ "						
GRATE AREA	46.2 SQ. FT.						
STEAM PRESSURE	185 LBS.						
RATING OF ENGINE	NOTE-1 37.5%						
KIND OF MAIN VALVE	12" P.V.						
KIND OF VALVE GEAR	BAKER						
TRACTIVE POWER	37500 LBS.						
<del>TRACTIVE POWER ENG. 916 - SEE NOTE 1.</del>							

10 ENGS.

9-23-'31 4-10-'31 2-26-'31 9-16-'30 9-10-'30 9-9-'27 REV. \*  
R.L.A.

COAL 15 TONS  
WATER 7500 GALL.



VALVE TRAVEL 6 1/4", LAP 7/8", LEAD 1/8", EXH. L.&L.

G-9

R.L.A.

REV	9-9-27	9-10-30	9-16-30	4-10-31
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ENGS. CROSSED OUT ARE SHOWN ON PAGE 36-A.

G-10	ORDER 1006-ENGS. 860 TO 874 ORDER 1049-ENGS. 875 TO 889	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE-9	OLD ENG. NO. OF CLOVER LEAF DISTRICT	
		R.R.	BLDRS.					
WEIGHT ON DRIVERS	171000 LBS.	862	30903	1906	BROOKS	F. A.T.H.	162	
WEIGHT ON ENG. TRUCK	21000 LBS.	864	30905	1906	"	F. A.T.H.	164	
WEIGHT TOTAL ENGINE	192000 LBS.	865	30906	1906	"	F. A.T.H.	165	
WEIGHT TENDER LOADED	149300 LBS.	866	30907	1905	"	F. A.T.H.	166	
WEIGHT TENDER LIGHT	56800 LBS.	<del>868</del>	<del>30909</del>	1905	"	F. A.T.H.	168	
HEATG. SURF. TUBES	2237 SQ. FT.	869	30910	1905	"	F. A.T.H.	169	
HEATG. SURF. F.BOX & A.TUBES	176 SQ. FT.	870	30911	1905	"	F. A.T.H.	170	
HEATG. SURF. TOTAL	2413 SQ. FT.	872	30913	1905	"	F. A.T.H.	172	
HEATG. SURF. SUPERHEATER		873	30914	1905	"	F. A.T.H.	173	
TUBES 2"	296	874	30915	1905	"	F. A.T.H.	174	
FIREBOX LENGTH	108"	<del>875</del>	<del>38956</del>	1906	"	F. A.T.H.	175	
FIREBOX WIDTH	63"	876	38957	1906	"	F. A.T.H.	176	
GRATE AREA	47.25 SQ. FT.	877	38958	1906	"	F. A.T.H.	177	
STEAM PRESSURE	200 LBS.	878	38959	1906	"	F. A.T.H.	178	
RATING OF ENGINE	36.8%	<del>879</del>	<del>38960</del>	1906	"	F. A.T.H.	179	
KIND OF MAIN VALVE	SLIDE	880	38961	1906	"	F. A.T.H.	180	
KIND OF VALVE GEAR	STEPHENSON	881	38962	1906	"	F. A.T.H.	181	
TRACTIVE POWER	36800 LBS.	882	38963	1906	"	F. A.T.H.	182	
		<del>883</del>	<del>38964</del>	1906	"	F. A.T.H.	183	
		884	38965	1906	"	F. A.T.H.	184	
		<del>885</del>	<del>38966</del>	1906	"	F. A.T.H.	185	
		886	38967	1906	"	F. A.T.H.	186	
		887	38968	1906	"	F. A.T.H.	187	
		888	38969	1906	"	F. A.T.H.	188	
		889	38970	1906	"	F. A.T.H.	189	

20 ENGS.

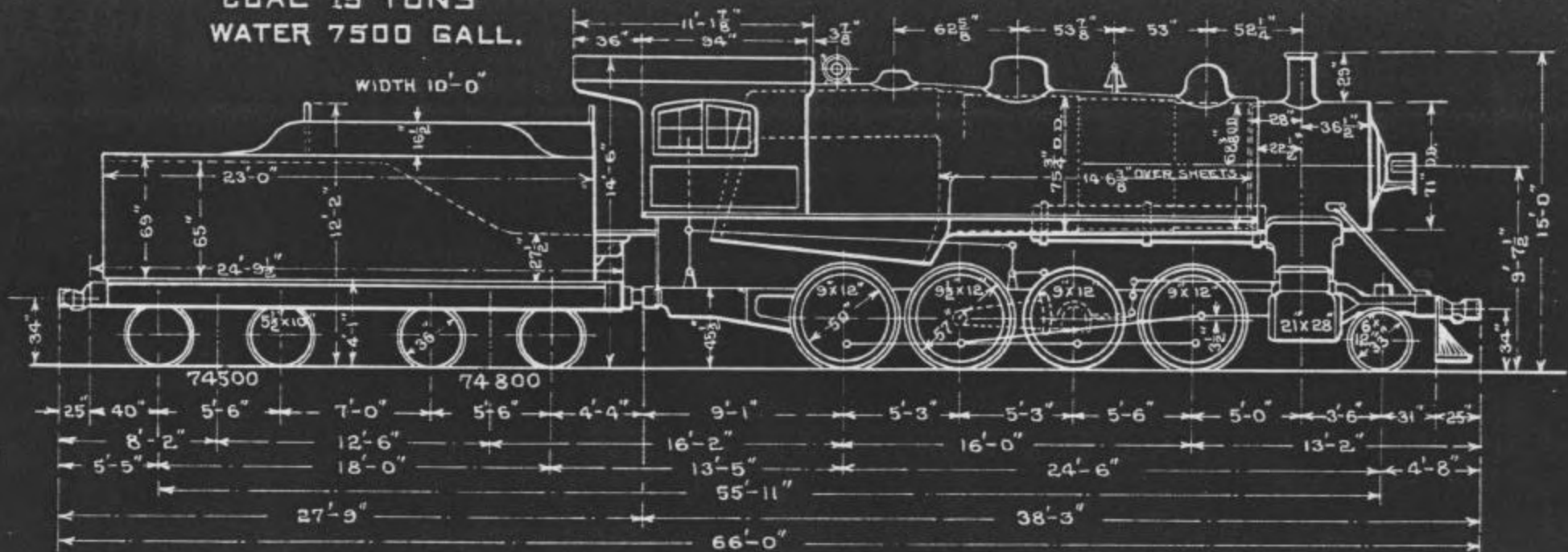
R.L.A.

4-10-'31 11-20-'30 12-18-'28 9-9-'27 REV.



COAL 15 TONS  
WATER 7500 GALL.

WIDTH 10'-0"



25"	40"	5'-6"	7'-0"	5'-6"	4'-4"	9'-1"	5'-3"	5'-3"	5'-6"	5'-0"	3'-6"	31"	25"
	8'-2"		12'-6"			16'-2"		16'-0"			13'-2"		
	5'-5"		18'-0"			13'-5"		24'-6"				4'-8"	
		27'-9"				55'-11"		38'-3"					
						66'-0"							

R.L.A.

VALVE TRAVEL 5.65", LAP 1", LEAD 1/16" EXH. L.&L.

G-10

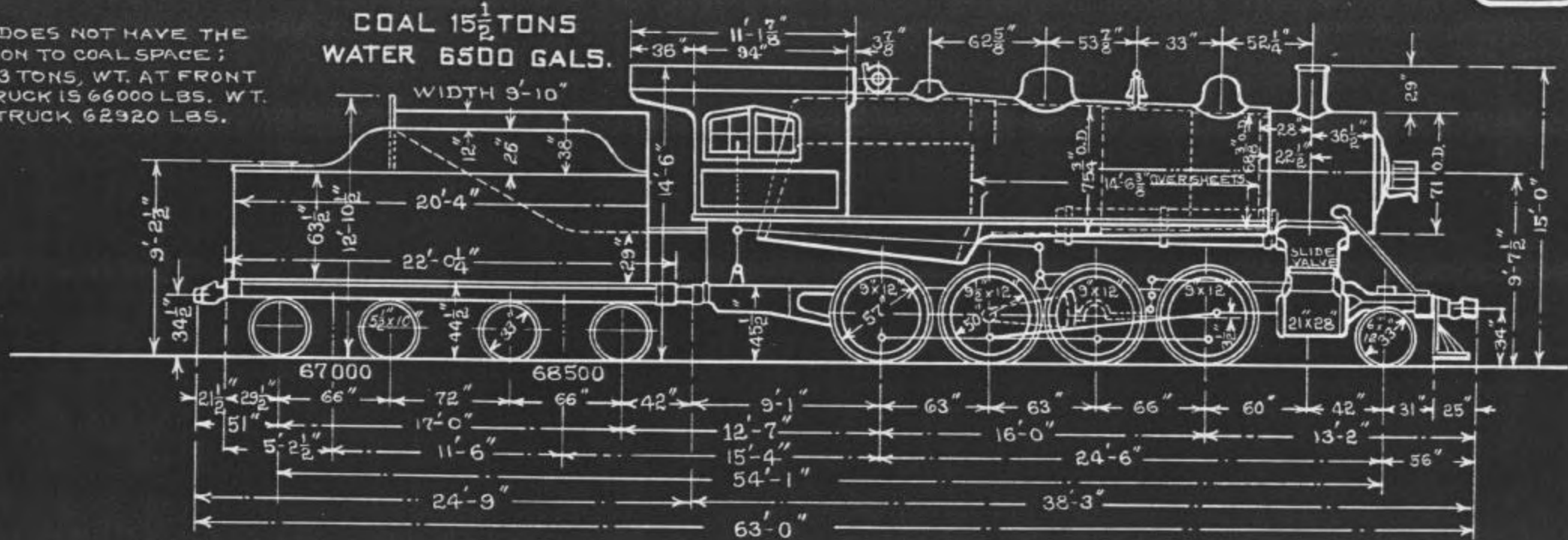
REV.	9-9-27	11-20-30	4-10-31				
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# TENDERS FROM G44 ENGINES

36-A

NOTE-1  
 ENG. 883 DOES NOT HAVE THE  
 12" ADDITION TO COAL SPACE;  
 CAPY. IS 13 TONS, WT. AT FRONT  
 TENDER TRUCK IS 66000 LBS. WT.  
 AT REAR TRUCK 62920 LBS.

COAL 15<sup>1</sup>/<sub>2</sub> TONS  
 WATER 6500 GALS.

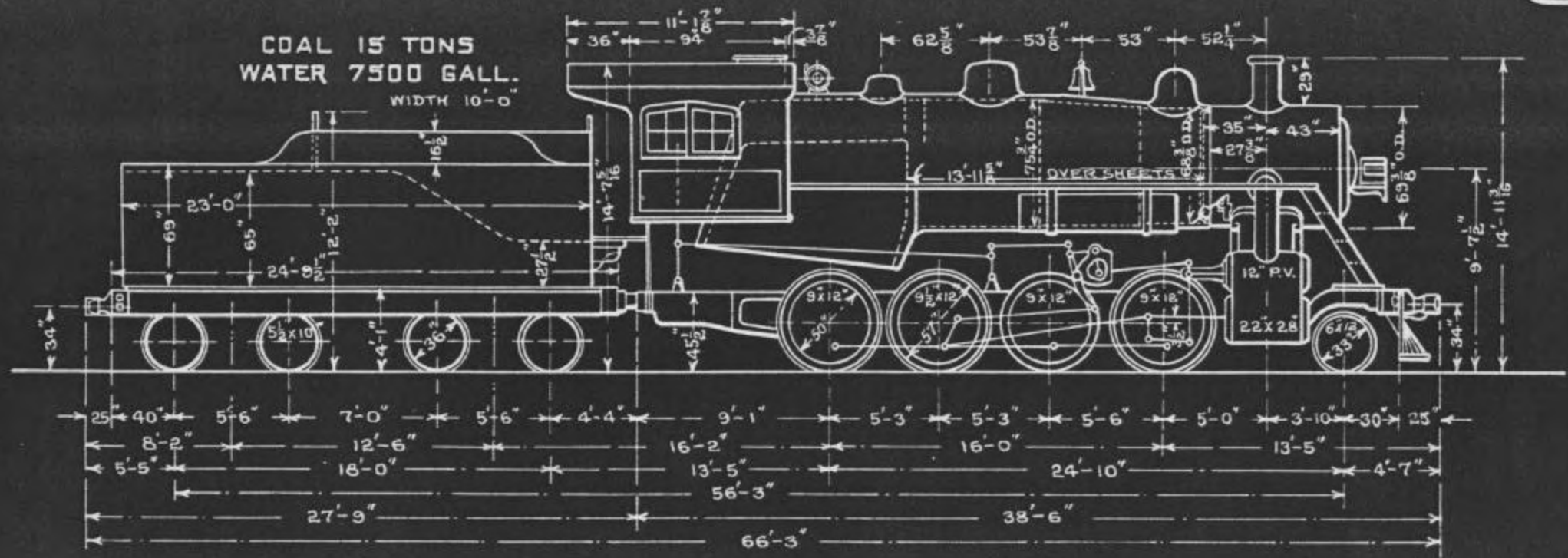


SLIDE VALVE, TRAVEL 5.65", LAP 1", LEAD 1/16" EXH. L.&L.

G-10

REV	11-8-'30.	11-20-'30						
	NEW							

COAL 15 TONS  
 WATER 7500 GALL.  
 WIDTH 10'-0"



VALVE TRAVEL 6<sup>1</sup>/<sub>4</sub>". LAP 7<sup>1</sup>/<sub>8</sub>". LEAD 1<sup>1</sup>/<sub>8</sub>". EXH. L. & L.

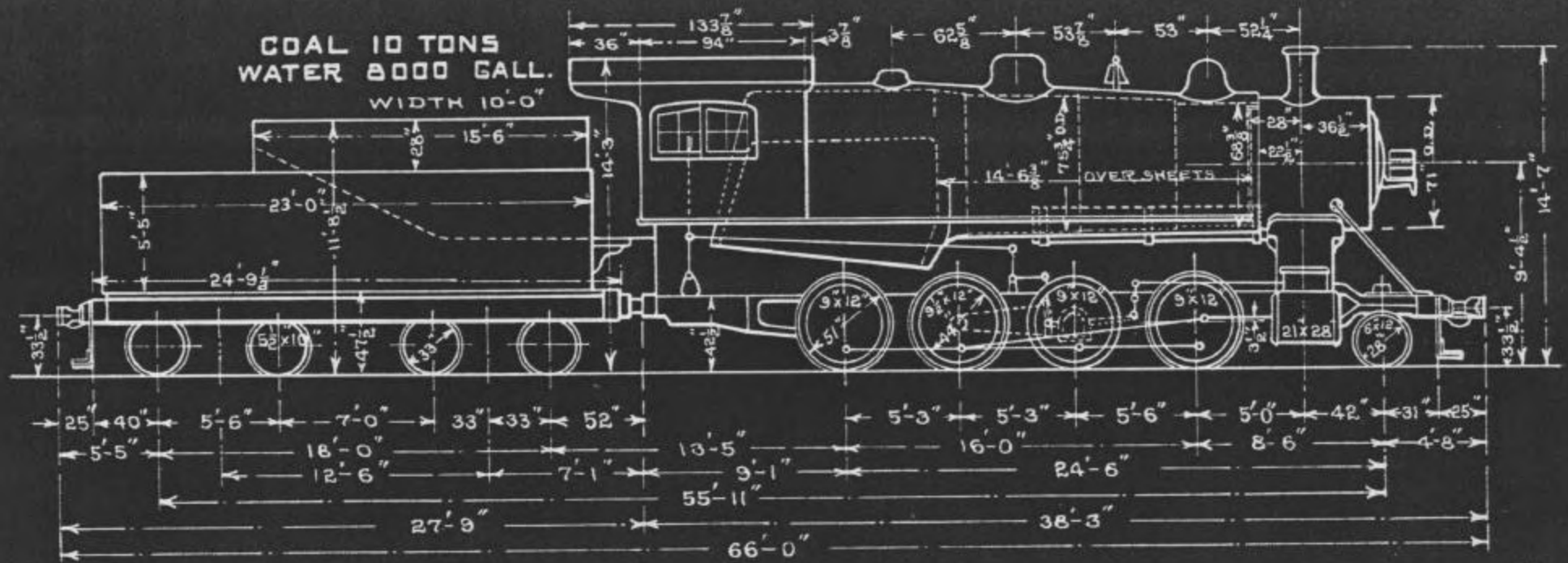
G-10A

REV. 3-9-27 7-11-28.





COAL 10 TONS  
WATER 8000 GALL.  
WIDTH 10'-0"



VALVE TRAVEL 5.65" LAP 1" LEAD 1/16" EXH. L&L.

G-10S

R.L.A.

REV. 9-9-27

G-16V. ORDER B-1270	NO. OF ENG.		DATE BUILT	BUILDER	SEE PAGE 9 FOR SPECIAL EQUIPT.	OLD ENG. NUMBERS L.E.&W. DISTRICT.
	R.ROAD	BLDRS.				
WEIGHT ON DRIVERS - 215730 LBS.	485	49501	1911	A.L.CO.	F.S.AT.R.REV.	5385
WEIGHT ON ENG.TRUCK - 24890 LBS.	486	49502	1911	A.L.CO.	F.S.AT.R.REV.	5386
WEIGHT TOTAL ENGINE - 240570 LBS.	487	49503	1911	A.L.CO.	F.S.AT.R.REV.	5387
WEIGHT TENDER LOADED - 152533 LBS.	488	49504	1911	A.L.CO.	F.S.AT.R.REV.	5388
WEIGHT TENDER LIGHT - 60100 LBS.	489	49505	1911	A.L.CO.	F.S.AT.	5389
HEATG.SURE. TUBES & FLUES - 2770 SQ.FT.	490	49506	1911	A.L.CO.	F.S.AT.R.REV.	5390
HEATG.SURE. FIREBOX* 212 SQ.FT.	491	49507	1911	A.L.CO.	F.S.AT.R.REV.	5391
HEATG.SURE. TOTAL - 2982 SQ.FT.	492	49508	1911	A.L.CO.	F.S.AT.R.REV.	5392
HEATG.SURE. SUPERHEATER - 858 SQ.FT.	493	49509	1911	A.L.CO.	F.S.AT.R.REV.	5393
TUBES NO. 2"-262 FLUES NO. 5 3/8" - 34	494	49510	1911	A.L.CO.	F.S.AT.R.REV.	5394
FIREBOX LENGTH - 102 1/8"		NOTE-1				
FIREBOX WIDTH - 75 1/4"						
GRATE AREA - 56.5 SQ. FT.						
STEAM PRESSURE - 180 LBS.						
RATING OF ENGINE - 48.6%						
KIND OF MAIN VALVE - 14" PISTON						
VALVE GEAR - WALSCHAERT						
TRACTIVE POWER - 48600 LBS.						
						10 ENGS.

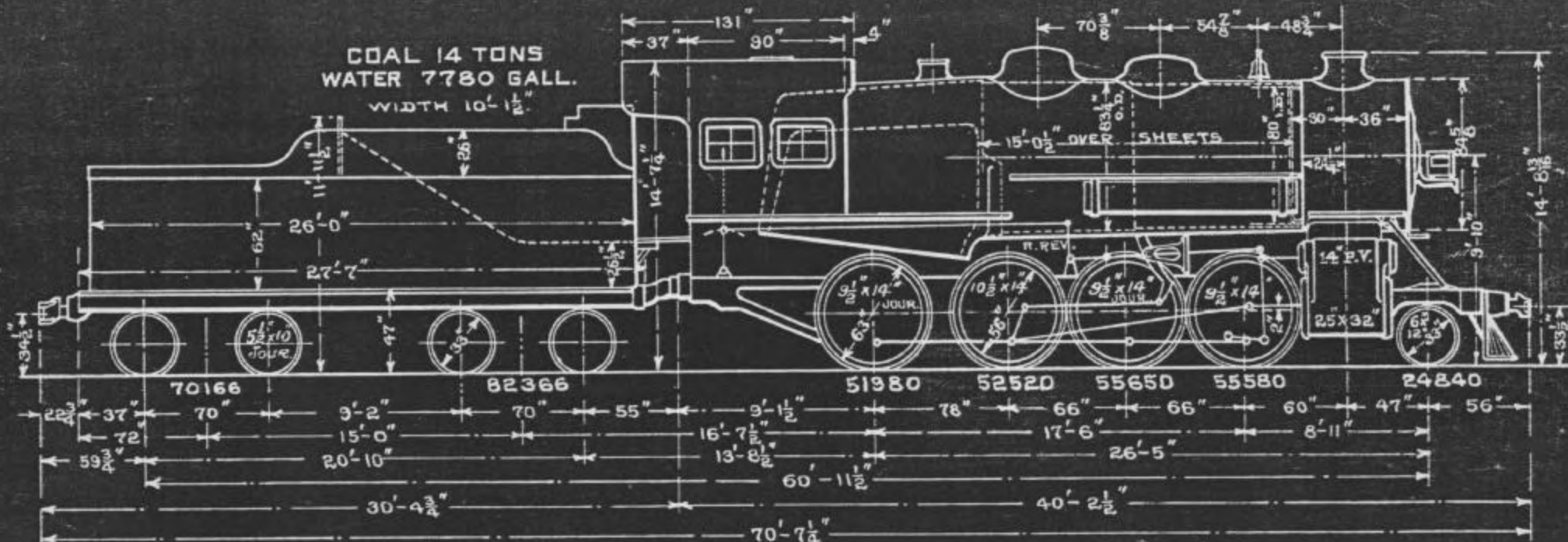
NOTE-1  
BLDRS. ENG. NOS. ARE SAME  
AS BLDRS. BOILER NOS.

\* INCLUDING ARCH TUBES

11-11	2-1	3	5	4	3	3-12	5-11	7-12	6-11	4-24	REV.
29.	'29	'27	'27	'27	'27	'27	'25	'24	'24	'24	

ENG. DESIGNED FOR 18°-30' CURVE

39



→ ENG. WTS. FROM LIMA LOCO. WORKS 3-7-1927

6 1/2" VALVE TRAV. 3/16" LEAD, 1" ST. LAP, EXH. L. & L.

G-16V

REV	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

G-16W ORDER S-880	NO. OF ENG.		DATE BUILT	BUILDER	SEE PAGE 9 FOR SPECIAL EQUIPT.	OLD ENG. NUMBERS L.E.&W. DISTRICT.
	R.ROAD	BLDRS.				
WEIGHT ON DRIVERS — 208830 LBS.	495	51204	1912	ALCO.	S. F. AT.	5395
WEIGHT ON ENG. TRUCK — 26310 LBS.	496	51205	1912	ALCO.	S. F. AT. R. REV.	5396
WEIGHT TOTAL ENGINE — 235140 LBS.	497	51206	1912	ALCO.	S. F. AT.	5397
WEIGHT TENDER LOADED — 152533 LBS.	498	51207	1912	ALCO.	S. F. AT. R. REV.	5398
WEIGHT TENDER LIGHT — 60100 LBS.	499	51208	1912	ALCO.	S. F. AT.	5399
HEATG. SURF. TUBES & FLUES 2770 SQ. FT.		NOTE-1				
HEATG. SURF. FIREBOX * 212 SQ. FT.						
HEATG. SURF. TOTAL — 2982 SQ. FT.						
HEATG. SURF. SUPERHEATER — 858 SQ. FT.						
TUBES-NO. 2" 262, FLUES-NO. 5 <sup>3</sup> / <sub>8</sub> " 34						
FIREBOX LENGTH — 108 <sup>1</sup> / <sub>8</sub> "						
FIREBOX WIDTH — 75 <sup>1</sup> / <sub>4</sub> "						
GRATE AREA — 56.5 SQ. FT.						
STEAM PRESSURE — 180 LBS.						
RATING OF ENGINE — 48.6%						
KIND OF MAIN VALVE — 14" PISTON						
VALVE GEAR — WALSCHAERT						
TRACTIVE POWER — 48600 LBS.						

NOTE-1.  
BLDRS. ENG. NOS. ARE SAME AS  
BLDRS. BOILER NUMBERS.

5 ENGS.

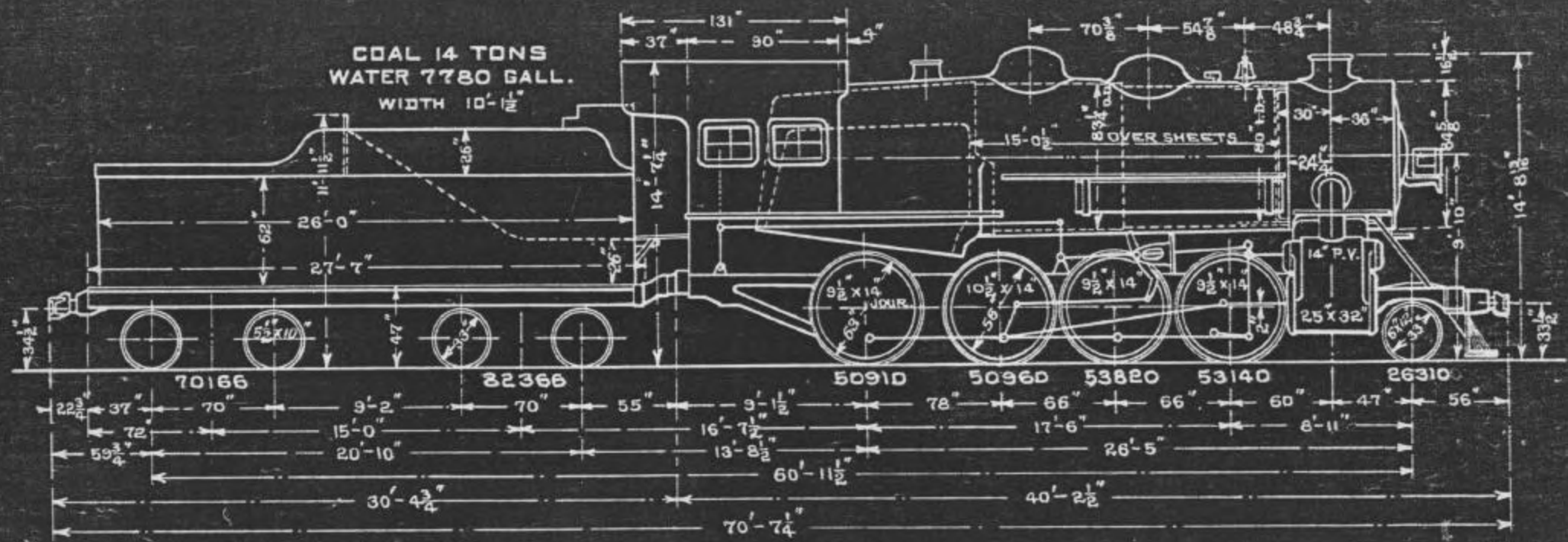
R.L.A.

\* INCLUDING ARCH TUBES

10-7	2-1	3-2	4-1	5-12	6-11	7-12	8-2	REV
'29	'29	'27	'27	'27	'26	'24	'24	

ENG. DESIGNED FOR 18°-30' CURVE.

40



ENG. WTS. FROM LIMA LOCO. WKS. 3-14-1927

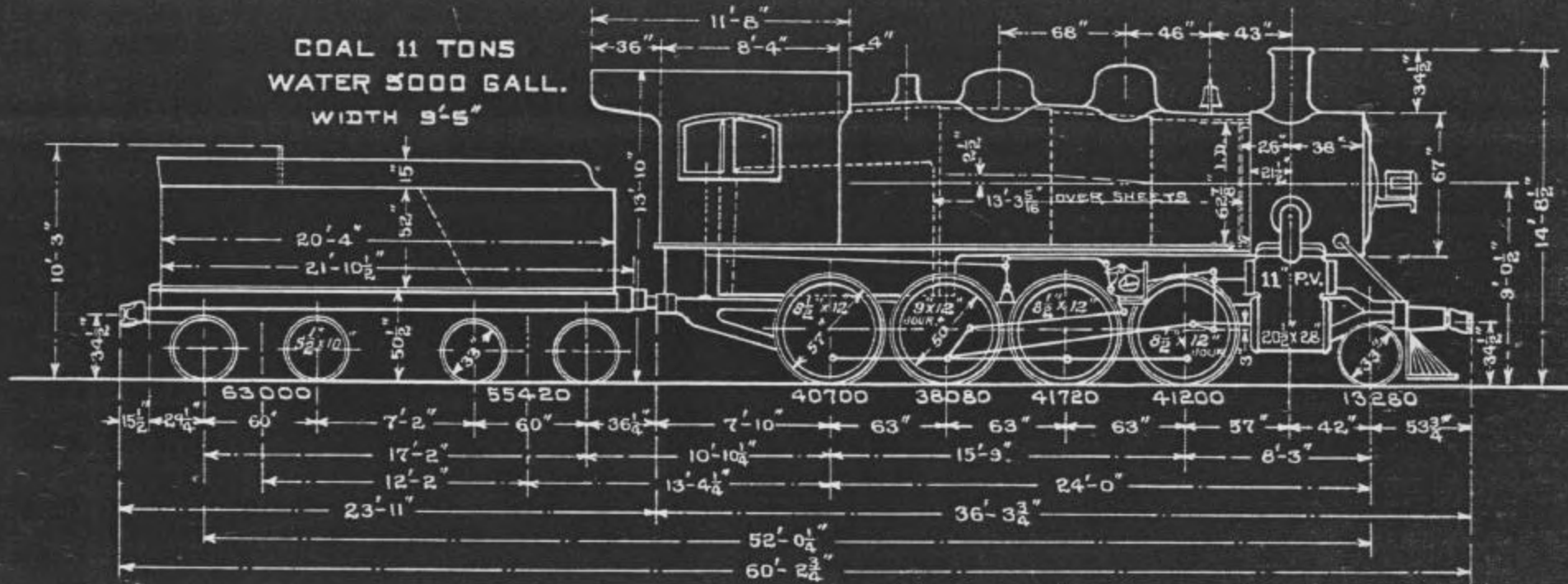
6 1/2" V. TRAV., 3/16" LEAD, 1" LAP, EXH. L.&L.

G-16W

REV	4-24	7-15	7-10	7-26	7-20	7-14	7-9
	24	24	24	26	29	24	29



COAL 11 TONS  
 WATER 5000 GALL.  
 WIDTH 9'-5"



6 1/4" V. TRAV., 7/32" LEAD, 15/16" LAP, EXH. L.&L.

REV	DATE	BY	CHKD
1	4-24-24		
2	7-13-24		
3	10-29-25		
4	1-27-27		



ENGS. CROSSED OUT ARE SHOWN ON PAGE 42-A WITH G-10 TENDERS.

G-44	ORDER B-976 ENGS. 375-383 ORDER B-975 ENGS. 384-398	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE-9	OLD ENG. NOS. OF LEA. W. DISTRICT	
		R.R.	BLDRS.					
WEIGHT ON DRIVERS	182 640 LBS.	375	29677	1904	A.L.CO.	F. S. H. AT.	5515	NOTE - BLDRS. ENG. NOS. ARE SAME, AS BUILDERS BOILER NOS. EXCEPT AS FOLLOWS 377 = GO 8115 No. 2 380 = XO-11558-24 No. 1 384 = GO-8115 No. 1 385 = XO-775425 No. 1 392 = XO-11558-24 No. 2 396 = XO-7754-25 No. 2 397 = GO-6040.
WEIGHT ON ENG. TRUCK	23 360 LBS.	376	29678	1904	A.L.CO.	F. S. H. AT.	5516	
WEIGHT TOTAL ENGINE	206 000 LBS.	<del>377</del>	<del>29679</del>	1904	A.L.CO.	F. S. H. AT.	5517	
WEIGHT TENDER LOADED	128 920 LBS.	378	29680	1904	A.L.CO.	F. S. H. AT.	5518	
WEIGHT TENDER LIGHT	50 240 LBS.	379	29682	1904	A.L.CO.	F. S. H. AT.	5520	
HEATG. SURF. TUBES & FLUES	2361 SQ. FT.	380	29683	1904	A.L.CO.	F. S. AT.	5521	
HEATG. SURF. FBOX & A.T.	200 SQ. FT.	381	29684	1904	A.L.CO.	F. S. H. AT.	5522	
HEATG. SURF. TOTAL	2561 SQ. FT.	<del>382</del>	<del>29685</del>	1904	A.L.CO.	F. S. AT.	5523	
HEATG. SURF. SUPERHEATER	628 SQ. FT.	383	29686	1904	A.L.CO.	F. S. AT.	5524	
TUBES 2"-227, FLUES 5 <sup>3</sup> / <sub>8</sub> "-30.		384	29662	1904	A.L.CO.	F. S. H. AT.	5525	
FIREBOX LENGTH	108 <sup>1</sup> / <sub>8</sub> "	<del>385</del>	<del>29663</del>	1904	A.L.CO.	F. S. H. AT.	5526	
FIREBOX WIDTH	62 <sup>1</sup> / <sub>4</sub> "	<del>386</del>	<del>29664</del>	1904	A.L.CO.	F. S. H. AT. A.	5527	
GRATE AREA	46.7 SQ. FT.	387	29665	1904	A.L.CO.	F. S. H. AT.	5528	
STEAM PRESSURE	185 LBS.	388	29666	1904	A.L.CO.	F. S. H. AT.	5529	
RATING OF ENGINE	36.6 %	389	29667	1904	A.L.CO.	F. S. H. AT.	5530	
KIND OF MAIN VALVE	11" PISTON	<del>390</del>	<del>29668</del>	1904	A.L.CO.	F. S. H. AT.	5531	
VALVE GEAR	BAKER	<del>391</del>	<del>29669</del>	1904	A.L.CO.	F. S. AT.	5532	
TRACTIVE POWER	36 600 LBS.	392	29670	1904	A.L.CO.	F. S. H. AT.	5533	
		<del>394</del>	<del>29672</del>	1904	A.L.CO.	F. S. H. AT.	5535	
		395	29673	1904	A.L.CO.	F. S. H. AT.	5536	
		<del>396</del>	<del>29674</del>	1904	A.L.CO.	F. S. H. AT.	5537	
		<del>397</del>	<del>29675</del>	1904	A.L.CO.	F. S. H. AT. A.	5538	
		398	29676	1904	A.L.CO.	F. S. H. AT.	5539	

14 ENGINES

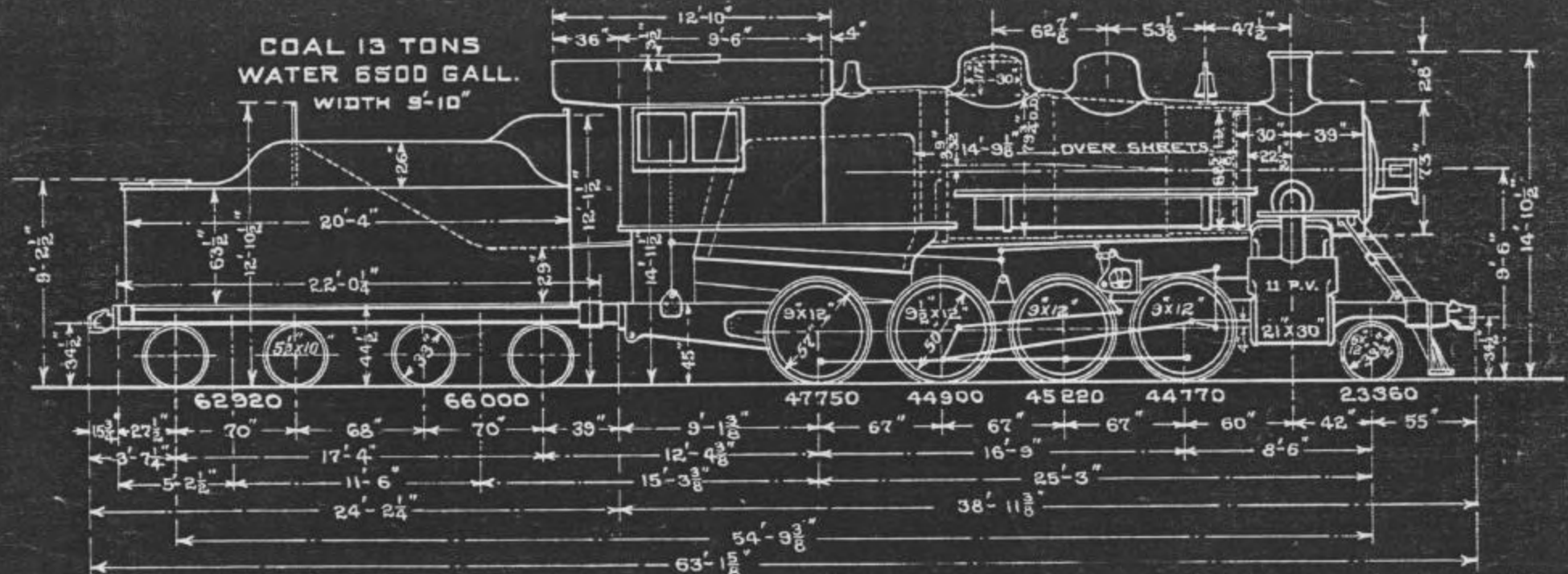
R.L.A.

● INDICATES NEW BOILERS APPLIED.

11-20-'30 7-31-'29 10-28-'27 9-9-'27 REV

DESIGNED FOR 15°-20° CURVE

42



COAL 13 TONS  
 WATER 6500 GALL.  
 WIDTH 9'-10"

OVER SHEETS

11 P.V.  
 21 X 30"

ENG. WTS. FROM LIMA LOCO. WKS. 4-7-27.

BAKER GEAR 11" P. VALVE, 6 1/4" TRAVEL, 15/16" LAP, 1/4" LEAD, EXH. L & L.

G-44

REV	4-24	7-15	7-29	8-6	9-4	9-9	9-9	10-3
	24	15	25	26	27	27	27	31

42.A

FOR ENGS. WITH TENDERS FROM G-10 CLASS.

(SEE PAGE 42 OF G44 ENGS.)

G44	ORDER B-976, ENGS. 375-383 ORDER B-975, ENGS. 384-398	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE-9	OLD ENG. NOS OF L.E. & W. DISTRICT	
		R.R.	BLDRS.					
WEIGHT ON DRIVERS	182,640 LBS.							
" ON ENG. TRUCK	23,360 LBS.							
" TOTAL ENGINE	206,000 LBS.	377*	29679	1904	A.L.CO.	F.S.H.AT.	5517	NOTE - BLDRS. ENG. NOS. ARE SAME AS BLDRS. BOILER NOS. EXCEPT AS FOLLOWS 377=GO 8115 NO. 2 380= XO 11558-24 N°1 384=GO 8115 NO. 1 385=XO 775425 NO.1 392=XO 11558-24 N°2 396=XO 7754-25 N°2 397=GO-6040
" TENDER LOADED	147,500 LBS.							
" TENDER LIGHT	55,000 LBS.							
HEATG. SURF. TUBES & FLUES	2361 SQ. FT.							
" " F. BOX & A.T.	200 SQ. FT.							
" " TOTAL	2561 SQ. FT.	382	29685	1904	A.L.CO.	F.S. AT.	5523	
" " SUPERHEATER	628 SQ. FT.							
TUBES 2"-22.7, FLUES 5 <sup>3</sup> / <sub>8</sub> "-30								
FIREBOX LENGTH —	108 <sup>1</sup> / <sub>8</sub> "	385*	29663	1904	A.L.CO.	F.S.H.AT.	5526	
" WIDTH —	62 <sup>1</sup> / <sub>4</sub> "	386	29664	1904	A.L.CO.	F.S.H.AT.H.	5527	
GRATE AREA —	46.7 SQ. FT.							
STEAM PRESSURE —	185 LBS.							
RATING OF ENGINE —	36.6 %							
KIND OF MAIN VALVE - 11" PISTON		390	29668	1904	A.L.CO.	F.S.H.AT.	5531	
VALVE GEAR —	BAKER	391	29669	1904	A.L.CO.	F.S. AT.	5532	
TRACTIVE POWER —	36,600							
		394	29672	1904	A.L.CO.	F.S.H.AT.	5535	
		396*	29674	1904	A.L.CO.	F.S.H.AT.	5537	
		397*	29675	1904	A.L.CO.	F.S.H.AT.A.		
							9 ENGS.	

• INDICATES NEW BOILER APPLIED

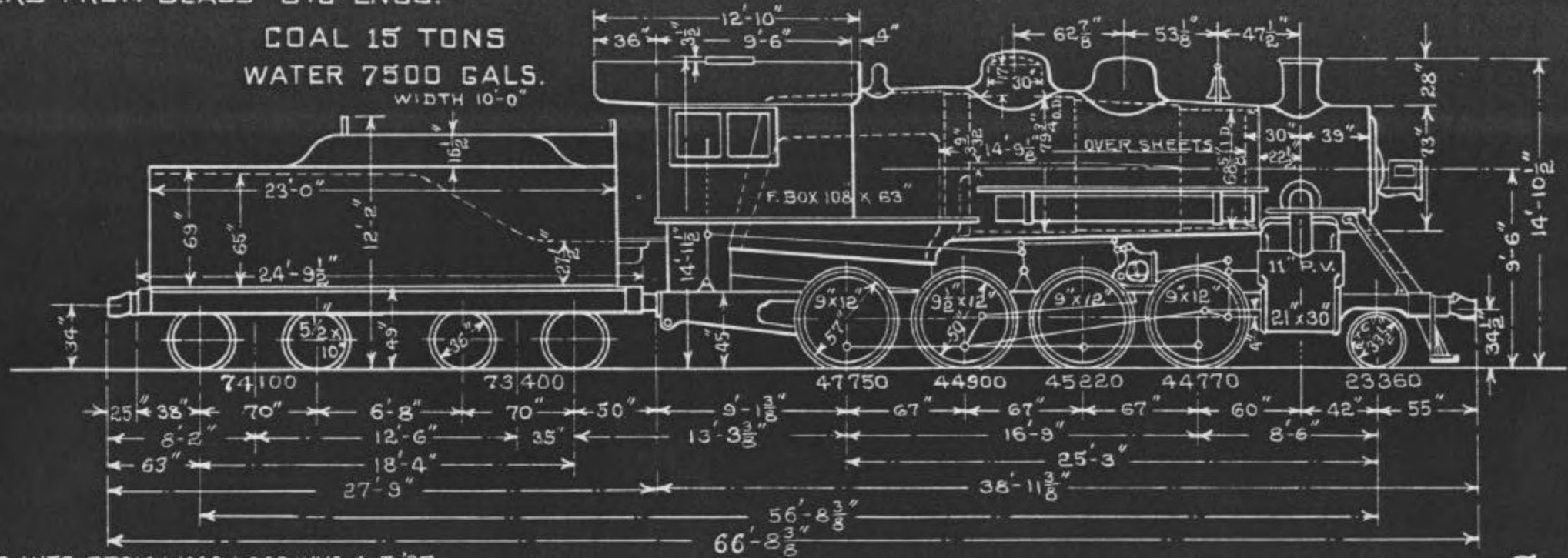
11-20'30 11-7'30 REV.  
NEW

TENDERS FROM CLASS G-10 ENGS.

COAL 15 TONS  
WATER 7500 GALS.  
WIDTH 10'-0"

DESIGNED FOR 15°-20' CURVE

42-A



ENG. WTS. FROM LIMA LOCO. WKS. 4-7-27.

BAKER GEAR, 11" P. VALVE, 6<sup>1</sup>/<sub>4</sub>" TRAVEL <sup>15</sup>/<sub>16</sub>" LAP, <sup>1</sup>/<sub>4</sub>" LEAD, EXH. L. & L.

G-44

REV 11-8-30 3-18-31  
NEW

H-5A	RR. LOT 200	ORDER-542B	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT.-PAGE 9	KIND OF STOKER
			R. ROAD	BLDRS.				
WEIGHT ON DRIVERS	220980 LBS.	500	5428	APR. 1917	LIMALOCO CO.	P. REV. S. F. AT. K.	D2	
" " ENG. TRUCK	24290 LBS.	501	5429	"	"	R. REV. S. F. AT. K.	D2	
" " TRAILER TRUCK	45290 LBS.	502	5430	"	"	ALCO. REV. S. F. AT. K.	D2	
" TOTAL ENGINE	290560 LBS.	503	5431	"	"	R. REV. S. F. AT. K.	D2	
" TENDER LOADED	162250 LBS.	504	5432	"	"	P. REV. S. F. AT. K.	D2	
" " LIGHT	61850 LBS.	505	5433	"	"	P. REV. S. F. AT. K.	D2	
HEATG. SURF TUBES & FLUES *	3778 SQ. FT.	506	5434	"	"	ALCO. REV. S. F. AT. K.	D2	
" " FIRE BOX & A.T.	230 SQ. FT.	507	5435	"	"	ALCO. REV. S. F. AT. K.	D1	
" " TOTAL	4008 SQ. FT.	508	5436	"	"	P. REV. S. F. AT. K.	D1	
" " SUPERHEATER	893 SQ. FT.	509	5437	"	"	R. REV. S. F. AT. K.	D2	
TUBES 2" 257	FLUES 5 3/8" 36							
FIREBOX LENGTH	108 1/8"							
" WIDTH	75 1/4"							
GRATE AREA	56.5 SQ. FT.							
STEAM PRESSURE	180 LBS.							
RATING OF ENGINE	48.6%							
KIND OF MAIN VALVE	14" P.V.							
KIND OF VALVE GEAR	BAKER							
TRACTIVE POWER	48600 LBS.							

BOILER NO. IS SAME AS BLDRS. ENGIN

10 ENGS.-H5A

R.L.A.

\* 2" 2745 SQ. FT., 5 3/8" 1033 SQ. FT.

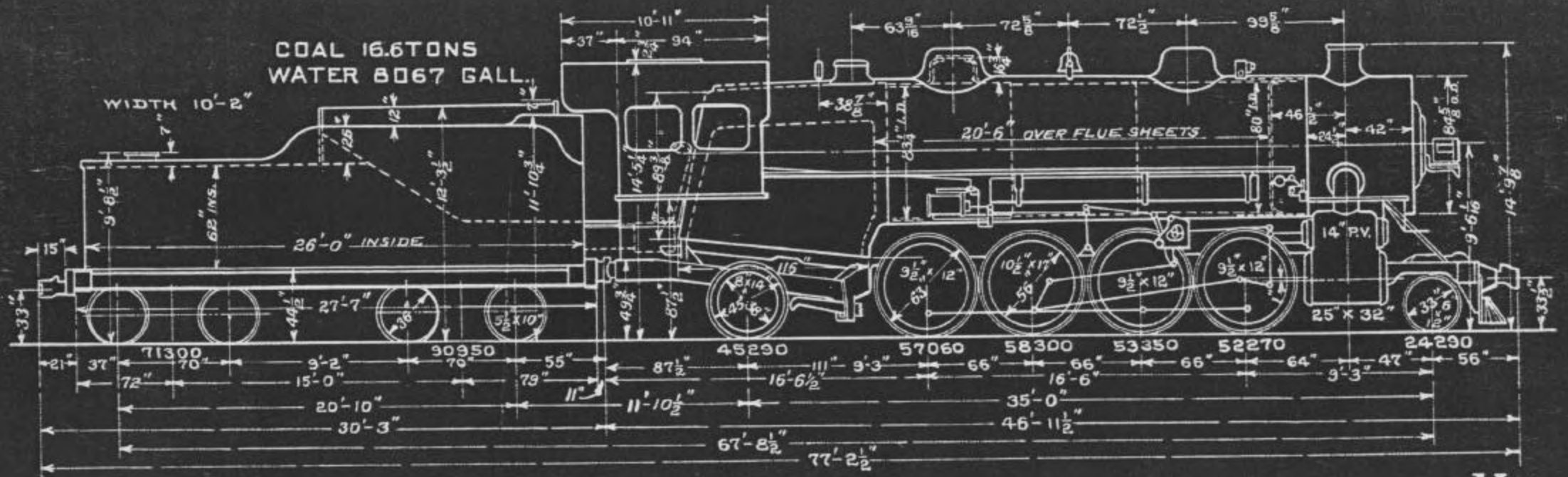
10-29-29	2-15-23	9-9-27	4-11-27	3-20-27	7-9-26	5-12-26	REV.
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3

TENDER WTS. MADE SAME AS H5B, WEIGHED AT LIMA APR. 6-27

ENG. DESIGNED FOR 18° 30' CURVE

43



14" P.V. 6 3/8" TRAVEL, 1" LAP, 5/32" LEAD, EXH. L&L.

H5A

REV	4-26 1926	3-20 1927	4-11 '27	3-9 '27	4 '31

NOTE NO. 1 ● INDICATES NEW BOILER APPLIED, SEE NOTE-2.

H5B R.R. LOT 201 ORDER-B.144B	NO. OF ENG.		DATE BUILT	BUILDER A.L. CO.	SPECIAL EQUIPT.- PAGE 9	KIND OF STOKER
	R.ROAD	BLDRS.				
WEIGHT ON DRIVERS 220980 LBS.	510	57492	AUG. 1917	BROOKS	P. REV. S. F. AT. K.	D2
" " ENG. TRUCK 24290 LBS.	511	57493	"	"	P. REV. S. F. AT. K.	D2
" " TRAILER TRUCK 45290 LBS.	512	57494	"	"	P. REV. S. F. AT. K.	D2
" TOTAL ENGINE 290560 LBS.	514	57496	"	"	P. REV. S. F. AT. K.	D2
" TENDER LOADED 162250 LBS.	515	57497	"	"	P. REV. S. F. AT. K.	D2
" " LIGHT 61850 LBS.	516	57498	"	"	P. REV. S. F. AT. K.	D2
HEATG. SURF. TUBES & FLUES 3778 SQ. FT.	517	57499	"	"	P. REV. S. F. AT. K.	D2
" " F. BOX & ARCH TUBES 230 SQ. FT.	518	57500	"	"	P. REV. S. F. AT. K.	D1
" " TOTAL 4008 SQ. FT.	519	57501	"	"	P. REV. S. F. AT. K.	D2
" " SUPERHEATER 893 SQ. FT.	521	57503	"	"	P. REV. S. F. AT. K.	D2
TUBES 2"-257, FLUES 5 $\frac{3}{8}$ " 36	522	57504	"	"	P. REV. S. F. AT. K.	D2
FIREBOX LENGTH 108 $\frac{1}{8}$ "	523	57505	"	"	P. REV. S. F. AT. K.	D1
" WIDTH 75 $\frac{1}{4}$ "	524	57506	"	"	R. REV. S. F. AT. K.	D2
GRATE AREA 56.5 SQ. FT.	525	57507	"	"	R. REV. S. F. AT. K.	D2
STEAM PRESSURE 180 LBS.	526	57508	"	"	P. REV. S. F. AT. K.	D2
RATING OF ENGINE 48.6%	527	57509	"	"	R. REV. S. F. AT. K.	D2
KIND OF MAIN VALVE 14" PISTON	528	57510	"	"	R. REV. S. F. AT. K.	D2
" " VALVE GEAR-BAKER	530	57512	"	"	P. REV. S. F. AT. K.	D2
TRACTIVE POWER 48600 LBS.	531	57513	"	"	P. REV. S. F. AT. K.	D2
	532	57514	"	"	P. REV. S. F. AT. K.	D1
	533	57515	"	"	P. REV. S. F. AT. K.	D2
	534	57516	"	"	P. REV. S. F. AT. K.	D2

NOTE-2  
BOILER NO. IS SAME AS  
BUILDER'S ENG. NO.  
EXCEPT AS FOLLOWS.  
515, BOILER NO. B-18477.  
APPLIED JUNE-1924.

25 ENGS. TOTAL.  
22 ENGS.  
ON THIS PAGE. R.L.A.

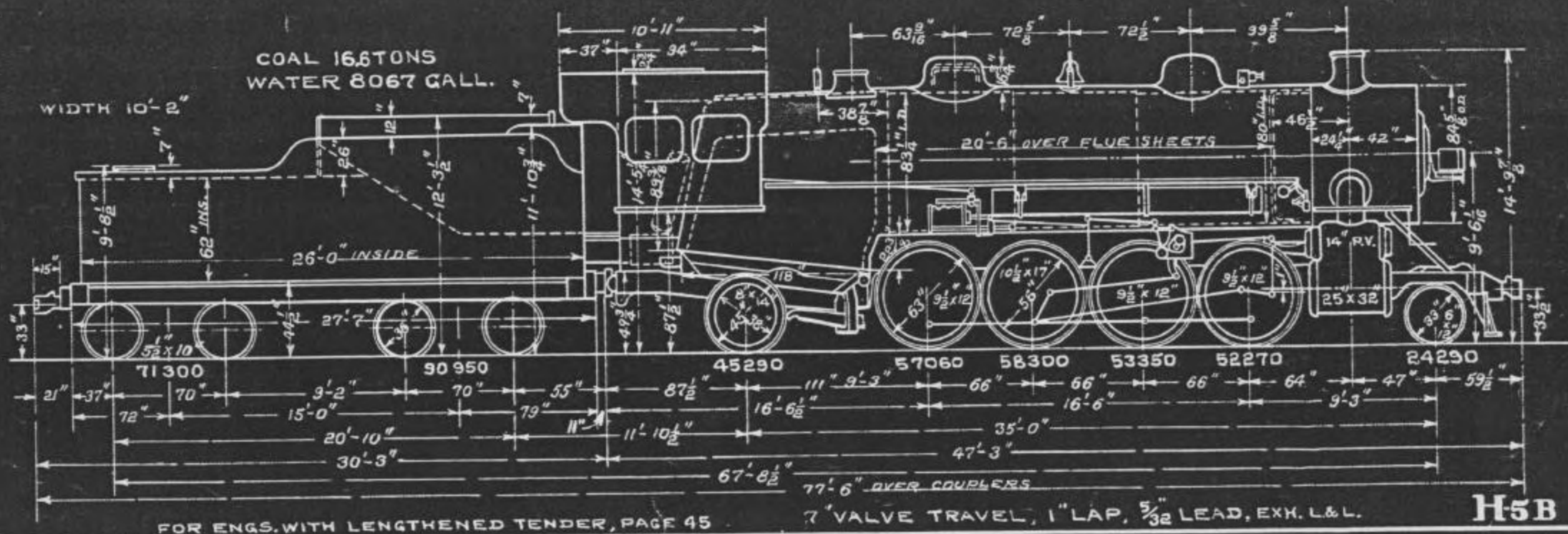
2" = 2745 SQ. FT. 5 $\frac{3}{8}$ " = 1033 SQ. FT. NOTE-1: FOR ENGS. WITH LENGTHENED TENDER SEE PAGE 45

10-29-27 2-15-28 7-19-29 9-9-27 4-11-27 3-20-27 8-10-28 REV.

ENG. WTS. FROM LIMA LOCO. WORKS 3-11-'27.  
TENDER WTS. FROM LIMA SHOP APR. 6-1927.

ENG. DESIGNED FOR 18°-30' CURVE

44



CHK.	3-8	3	4	4
	26	27	27	27



H-5B R.R. LOT 201 ORDER B-1448 LENGTHENED TENDER	ENGINE NO.		DATE BUILT	BUILDER	SPECIAL EQUIPT.-PAGE 9
	R.ROAD	BLDRS.			
WEIGHT ON DRIVERS — 220980 LBS.					
WEIGHT ON ENG. TRUCK — 24290 LBS.					
WEIGHT ON TRAILER TRUCK — 45290 LBS.					
WEIGHT TOTAL ENGINE — 290560 LBS.	513 L	57495	AUG. 1917	A.L. CO.	D2 STOKER P. REV. S. F. AT. K.
WEIGHT TENDER LOADED — 201900 LBS.					
WEIGHT TENDER LIGHT — 71548 LBS.					
HEATG. SURF. TUBES & FLUES — 3778 SQ. FT.					
HEATG. SURF. FIREBOX* — 230 SQ. FT.					
HEATG. SURF. TOTAL — 4008 SQ. FT.					
HEATG. SURF. SUPERHEATER — 893 SQ. FT.					
FLUES NO. 36-5 <sup>3</sup> / <sub>8</sub> ", TUBES NO. 257-2"	520 L	57502	AUG. 1917	A.L. CO.	D2 STOKER R. REV. S. F. AT. K.
FIREBOX LENGTH — 108 <sup>1</sup> / <sub>8</sub> "					
FIREBOX WIDTH — 75 <sup>1</sup> / <sub>4</sub> "					
GRATE AREA — 56.5 SQ. FT.					
STEAM PRESSURE — 180 LBS.					
RATING OF ENGINE — 48.6%					
KIND OF MAIN VALVE — 14" P.V.					
KIND OF VALVE GEAR — BAKER					
TRACTIVE POWER — 48600 LBS.					
	529 L	57511	AUG. 1917	A.L. CO.	D2 STOKER P. REV. S. F. AT. K.

LENGTHENED TENDERS WERE FIRST PUT ON TO 510, 512, 515. LATER CHANGED TO 513, 520, 529.

BOILER NO. IS SAME AS BLDRS. NO.

"L" INDICATES LENGTHENED TENDER

25 ENGS. H5B TOTAL  
SEE PREVIOUS PAGE FOR REMAINING 22 ENGINES.  
3 ENGS. - L. TENDERS

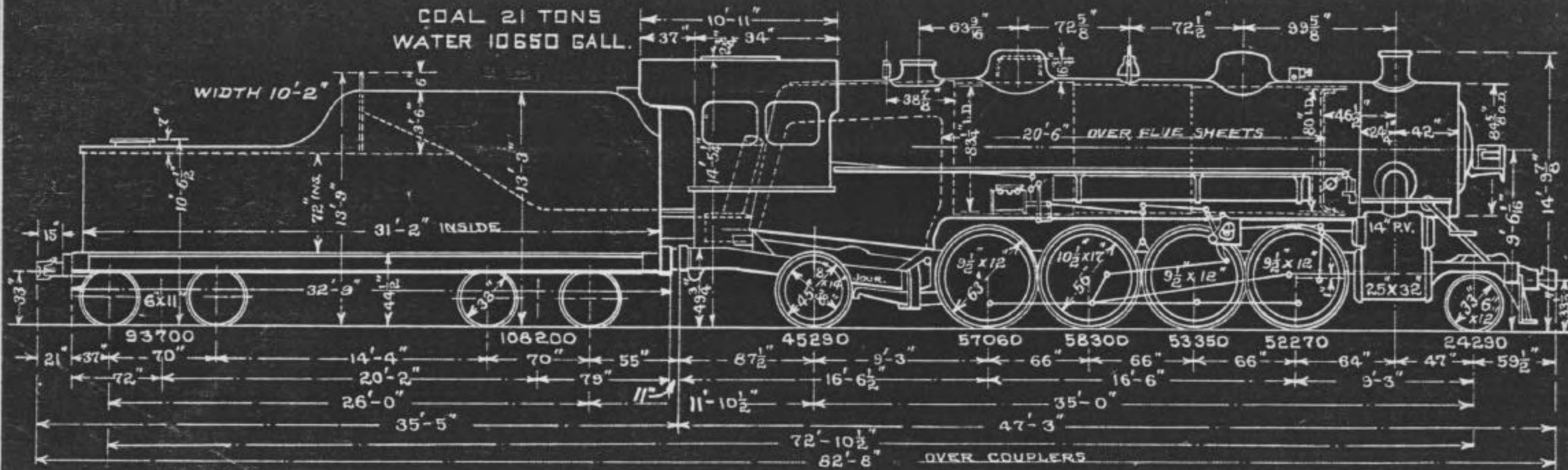
\* INCLUDING ARCH TUBES      2" = 2745 SQ. FT.      5<sup>3</sup>/<sub>8</sub>" = 1033 SQ. FT.

9-9	3-20	8-9	7-3	4-1	8-2	2-2	8-5	7-12	4-24	REV.
'27	'27	'26	'26	'20	'25	'25	'24	'24	'24	

TENDER WTS. FROM ST. ISLAND - 6-28-'24.

45

COAL 21 TONS  
WATER 10650 GALL.



LENGTHENED TENDER

7" VALVE TRAVEL, 1" LAP, <sup>5</sup>/<sub>32</sub>" LEAD, EXH. L&L.

H-5B

REV. 4-29-24  
7-12-24  
1-10-24  
1-14-24

H-6A	ORDER S-1259	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT.- PAGE 9	WT'S. CHGD. - 7-8-'31.
		R.ROAD	BLDRS.				
WEIGHT ON DRIVERS	228 980 LBS.	601	59578	OCT. 1918	A.L.CO. SCHENECTADY	AT. S. K. P. REV. D. G. ♂#	BOILER NO. IS SAME AS BLDRS. ENG. NO.
" " ENG. TRUCK	22 670 LBS.	602	59579	"	"	AT. S. K. P. REV. D. G. ♂#	
" " TRAILER TRUCK	54 370 LBS.	603	59580	"	"	AT. S. K. P. REV. D. G. ♂#	
" " TOTAL ENGINE	306 020 LBS.	604	59581	"	"	AT. S. K. P. REV. D. G. ♂#	
" " TENDER LOADED	185 400 LBS.	605	59582	"	"	AT. S. K. P. REV. D. G. ♂#	
" " " LIGHT	70 400 LBS.	606	59583	"	"	AT. S. K. P. REV. D. G. ♂#	
HEAT SURF TUBES & FLUES	3497 SQ. FT.	607	59584	"	"	AT. S. K. P. REV. D. G. ♂#	
" " FIREBOX & A. TUBES*	286 SQ. FT.	608	59585	"	"	AT. S. K. P. REV. D. G. ♂#	
" " TOTAL	3783 SQ. FT.	609	59586	"	"	AT. S. K. P. REV. D. G. ♂#	
" " SUPERHEATER	882 SQ. FT.	610	59587	"	"	AT. S. K. P. REV. D. G. ♂#	
TUBES 2 1/4" - 216	FLUES 5 1/2" - 40						
FIREBOX LENGTH	114 1/8"						
" WIDTH	84 1/4"						
GRATE AREA	66.7 SQ. FT.						
STEAM PRESSURE	200 LBS.						
RATING OF ENGINE	54.7%						
KIND OF MAIN VALVE	14" PISTON						
KIND OF VALVE GEAR	WALSCHAERT						
TRACTIVE POWER	54 700 LBS.						

10 ENGS. H6A.

\* INCLUDING ARCH TUBES OF 30 SQ. FT.

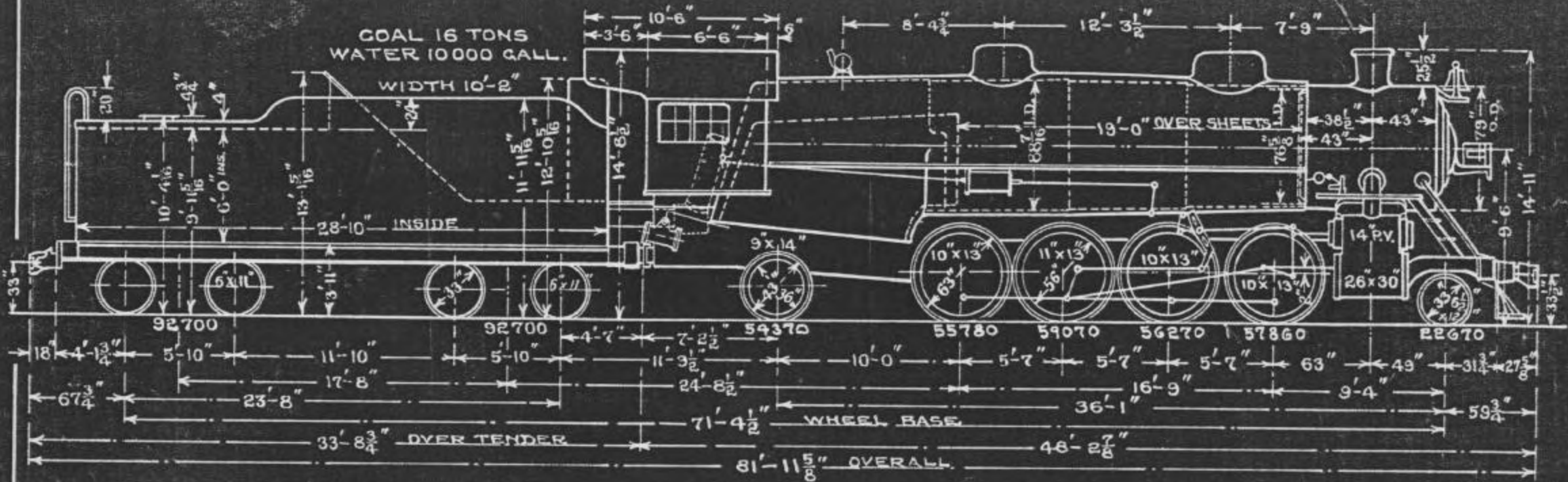
▼ 2 1/4" = 2407 SQ. FT. 5 1/2" 1090 SQ. FT.

7-8-'31 9-9-'27 7-1-'27 9-11-'26 5-12-'25 REV.

NOTE - WTS. REVISED 7-8-31 PER ENG. 602, - LIMA LOCO. CO., ENGS. WITH WORTHINGTON F.W. HEATER AND AIR PUMPS ON FRONT.

ENG. DESIGNED FOR 19° CURVE

46



6 1/2" TRAVEL, 1" LAP, EXH. L&L, 3/16" LEAD.

H-6A

REV.	DATE	BY	CHKD.
1	4-24-24	KLA	
2	4-24-25		
3	3-9-26		
4	8-9-27		
5	7-8-31		

H-6B R.R. LOT 205 ORDER-1022	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE 9
	R. ROAD	BLDRS.			
WEIGHT ON DRIVERS 225000 LBS.	611	6182	DEC. 1920	LIMA LOCO. CO.	S. P. REV. F. AT. K. G. B. #
" " ENG. TRUCK 20500 LBS.	612	6183	"	"	S. P. REV. F. AT. K. G. B. #
" " TRAILER TRUCK 60000 LBS.	613	6184	"	"	S. P. REV. F. AT. K. G. B. #
" TOTAL ENGINE 305500 LBS.	614	6185	"	"	S. P. REV. F. AT. K. G. B. #
" TENDER LOADED 184500 LBS.	615	6186	"	"	S. P. REV. F. AT. K. G. B. #
" " LIGHT 69170 LBS.					
HEATG. SURF. TUBES & FLUES 3497 SQ. FT.					
" " FIREBOX * NOTE-1 286 SQ. FT.					
" " TOTAL NOTE-1 3783 SQ. FT.					
" " SUPERHEATER 882 SQ. FT.					
TUBES 2 1/4" - 216 FLUES 5 1/2" - 40					
FIREBOX LENGTH 114 1/8"					
" WIDTH 84 1/4"					
GRATE AREA 66.7 SQ. FT.					
STEAM PRESSURE 200 LBS.					
RATING OF ENGINE 54.7%					
KIND OF MAIN VALVE 14" PISTON					
" " VALVE GEAR - WALSCHAERT					
TRACTIVE POWER - 54700 LBS.					
TRACTIVE POWER WITH BOOSTER 64100 LBS.					

NOTE-1  
 ENGS. WITH THERMIC  
 SYPHON HAVE FIRE BOX  
 HEATG. SURF. OF 338 SQ. FT.  
 INCLUDING SYPHON, AND A  
 TOTAL HEATG. SURFACE  
 OF 3835 SQ. FT.

BOILER NO. IS SAME AS BLDRS. ENG. NO.

5 ENGS. H6B.

B.L.B.

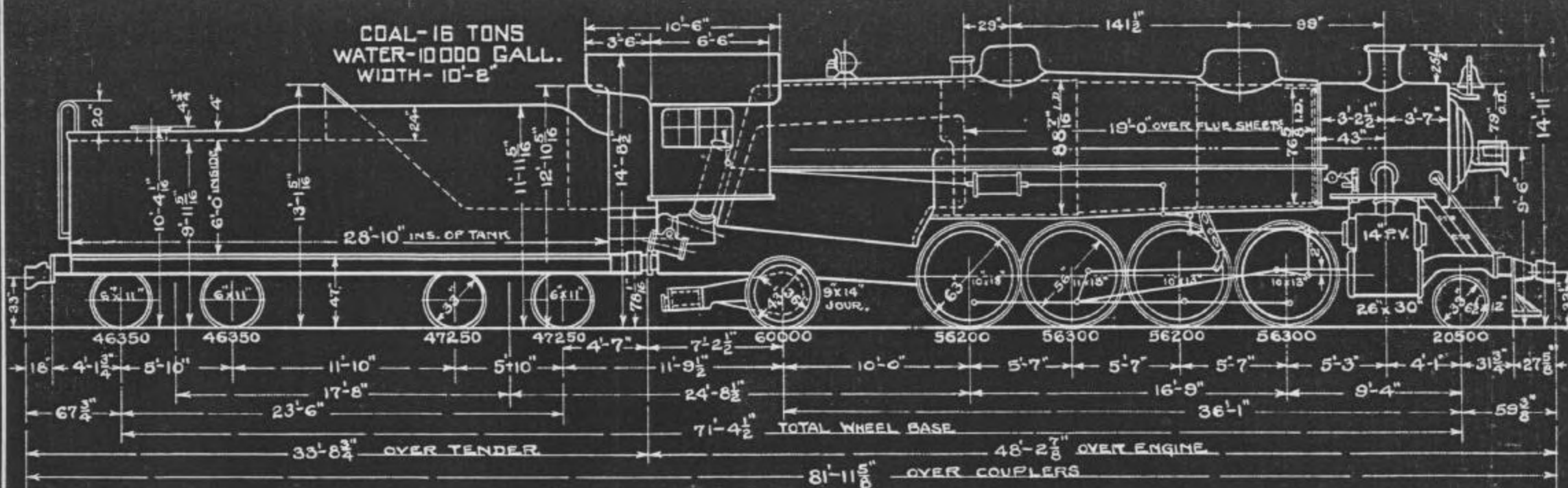
\* INCLUDING ARCH TUBES, 30 SQ. FT. ▽ 2 1/4" = 2407 SQ. FT. 5 1/2" = 1090 SQ. FT.

9-9-27 12-20-26 10-19-26 9-11-26 5-12-26 REV.

DESIGNED FOR 19" CURVE, BY BLDRS.

47

COAL-16 TONS  
 WATER-10000 GALL.  
 WIDTH-10'-2"



14" P. VALVE, 6<sup>1</sup>/<sub>2</sub>" TRAVEL 1" LAP EXH. L. & L. 3<sup>1</sup>/<sub>8</sub>" LEAD

H-6B

REV.	Z.	X.	Y.	4-24	5-24	3-30	9-9
				24	25	26	27

**H-6c**

R.R. LOT 205.

ORDER-1022

NO. OF ENG.

DATE

BUILDER

SPECIAL EQUIPT. PAGE 9

R.ROAD

BLDRS.

BUILT

WEIGHT ON DRIVERS 226500 LBS.

616

6187

JAN. 1921

LIMA LOCO CO.

S. P. REV. F. B. A. T. K. G.

φ

" " ENG. TRUCK 20500 LBS.

" " TRAILER TRUCK 60000 LBS.

" TOTAL ENGINE 307000 LBS.

" TENDER LOADED 184500 LBS.

" " LIGHT 69170 LBS.

HEATG. SURF. TUBES &amp; FLUES 3497 SQ. FT.

HEATING SURF. FIREBOX \* 286 SQ. FT.

" " TOTAL 3783 SQ. FT.

" " SUPERHEATER 882 SQ. FT.

TUBES 2 1/4" - 216, FLUES 5 1/2" - 40.

FIREBOX LENGTH 114 1/8"

" WIDTH 84 1/4"

GRATE AREA 66.7 SQ. FT.

STEAM PRESSURE 200 LBS.

RATING OF ENG. 54.7% WITHOUT BOOSTER  
64.1% WITH BOOSTER

KIND OF MAIN VALVE 14" PISTON

" " VALVE GEAR - WALSCHAERT.

TRACTIVE POWER WITHOUT  
BOOSTER 54700 LBS.

" " WITH BOOSTER 64100 LBS.

BOILER NO. IS SAME AS BLDRS ENG. NO.

R. L. A.

\* INCLUDING ARCH TUBES.  
OF 30 SQ. FT.

▽ 2 1/4" = 2407 SQ. FT. 5 1/2" = 1090 SQ. FT.

9-9-27

9-11-28

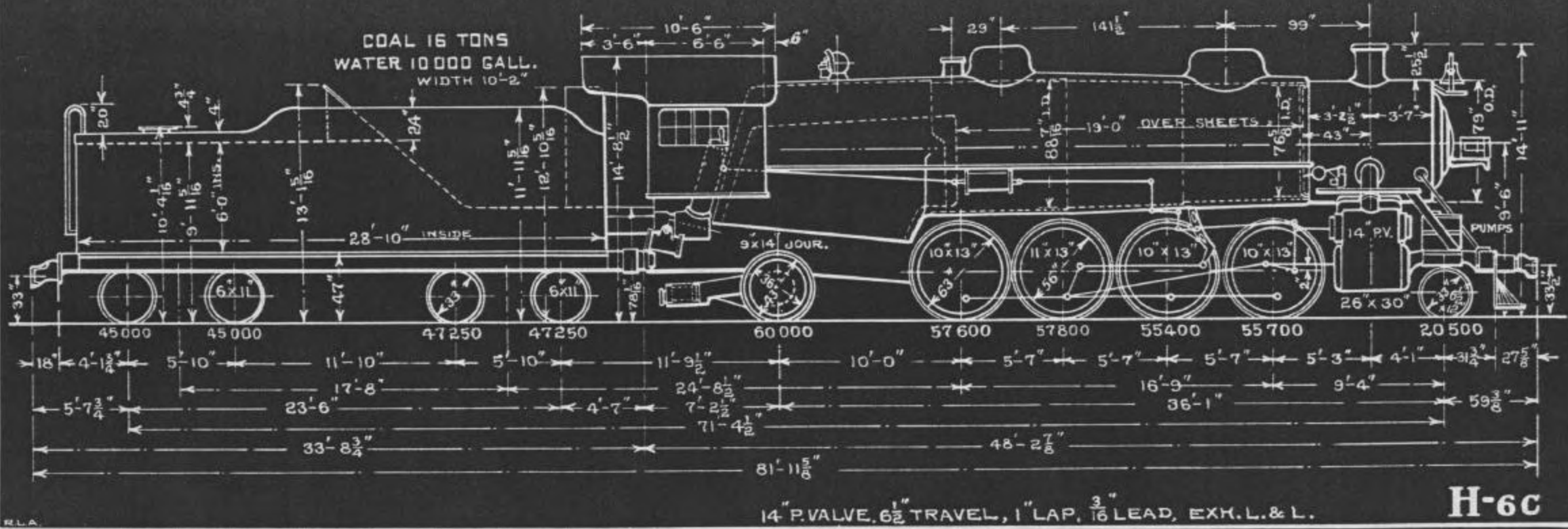
7-9-26

5-12-26

REV.

DESIGNED FOR 13° CURVE BY BUILDERS.

48



REV. 9-9-27



H-6D ORDER-1033	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT.-PAGE-9	
	R. ROAD	BLDRS.				
WEIGHT ON DRIVERS — 227000 LBS.	617	6307	NOV.1922	LIMA LOCO.CO	S. P.REV. F. B. AT. K. G. $\phi$ #	NOTE-1 TRANSPORTATION DEVICES CORP AUTOMATIC POWER REVERSE GEAR ON ENG. 627, 631  BOILER NO. IS SAME AS BLDRS. ENG. NO.  631 HAS EXH. ST. INJECTOR  15 ENGS. H6D.
" ON ENG. TRUCK — 20000 LBS.	618	6308	"	"	S. P.REV. F. B. AT. K. G. $\phi$ #	
" " TRAILER TRUCK-61000 LBS.	619	6309	"	"	S. P.REV. F. B. AT. K. G. $\phi$ #	
" TOTAL ENGINE — 308000 LBS.	620	6310	"	"	S. P.REV. F. B. AT. K. G. $\phi$ #	
" TENDER LOADED — 184500 LBS.	621	6311	"	"	S. P.REV. F. B. AT. K. G. $\phi$ #	
" " LIGHT — 69170 LBS.	622	6312	"	"	S. P.REV. F. B. AT. K. G. $\phi$ #	
HEATG. SURF. TUBES & FLUES - 3497 SQ. FT.	623	6313	"	"	S. P.REV. F. B. AT. K. G. $\phi$ #	
" " FIREBOX & A. TUBES - 286 SQ. FT.	624	6314	"	"	▲ S. P.REV. F. B. AT. K. G. $\phi$ #	
" " TOTAL — 3783 SQ. FT.	625	6315	"	"	▲ S. P.REV. F. B. AT. K. G. $\phi$ #	
" " SUPERHEATER — 882 SQ. FT.	626	6316	"	"	S. P.REV. F. B. AT. K. G. $\phi$ #	
TUBES 2 1/4" - 216 FLUES 5 1/2" - 40	627	6432	"	"	▲ S. P.REV. F. B. AT. K. G. $\phi$ #	
FIREBOX LENGTH — 114 1/8"	628	6433	"	"	▲ S. P.REV. F. B. AT. K. G. $\phi$ #	
" WIDTH — 84 1/4"	629	6434	"	"	▲ S. P.REV. F. B. AT. K. G. $\phi$ #	
GRATE AREA — 66.7 SQ. FT.	630	6435	"	"	S. P.REV. F. B. AT. K. G. $\phi$ #	
STEAM PRESSURE — 200 LBS.	631	6436	"	"	S. P.REV. F. B. AT. K. G. J. #	
RATING OF ENG. — 54.1% WITH BOOSTER 54.7% WITHOUT BOOSTER						
KIND OF MAIN VALVE — 14" PISTON.						
VALVE GEAR — WALSCHAERT						
TRACTIVE POWER WITH BOOSTER 64100 LBS.						
TRACT. POWER WITHOUT BOOSTER 54700 LBS.						

\* ARCH TUBES = 30 SQ. FT.

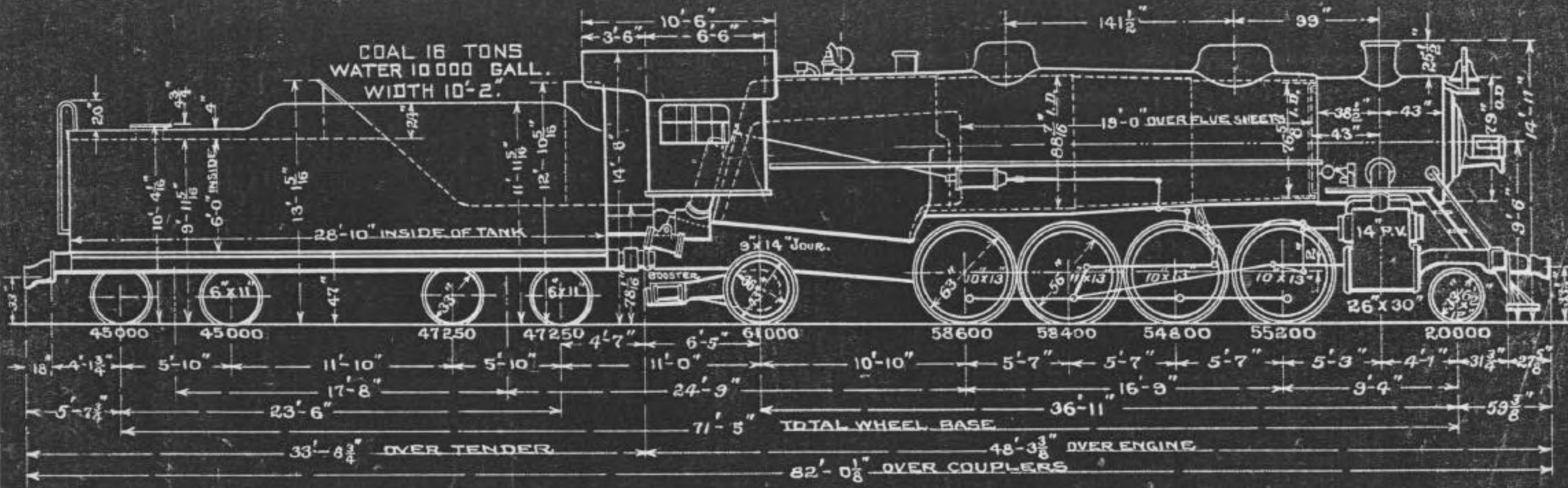
▼ 2 1/4" = 2407 SQ. FT. 5 1/2" = 1090 SQ. FT.

4-15-30	2-15-29	3-9-27	3-15-27	12-20-26	10-19-26	9-11-26	7-30-26	7-7-26	5-12-26	REY.
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R.L.A.

ENG. DESIGNED FOR 19° CURVE BY BLDRS.

49



14" P. VALVE, 6 1/2" TRAVEL, 1" LAP, EXH. L & L, 3/16" LEAD.

H-6D

REV. Z	4-24-24	7-29-25	9-9-27
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H-6E SHEET-1	ORDER-1048	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. - PAGE 9
		R. ROAD	BLDRS.			
WEIGHT ON DRIVERS	238100 LBS.	632	6635	DEC. 1923	LIMA LOCO. CO.	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
" ON ENG. TRUCK	21200 LBS.	633	6636	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
" " TRAILER TRUCK	58700 LBS.	634	6637	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
" TOTAL ENGINE	318000 LBS.	635	6638	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
" TENDER LOADED	188800 LBS.	636	6639	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
" " LIGHT	73500 LBS.	637	6640	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
HEATG. SURF. TUBES & FLUES	3497 SQ. FT.	638	6641	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
" " F. BOX & ARCH TUBES	286 SQ. FT.	639	6642	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
" " TOTAL	3783 SQ. FT.	640	6643	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
" " SUPERHEATER	882 SQ. FT.	641	6644	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
TUBES 2 1/4" 216, FLUES 5 1/2" - 40		642	6645	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
FIREBOX LENGTH	114 1/8"	643	6646	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
" WIDTH	84 1/4"	644	6647	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
GRATE AREA	66.7 SQ. FT.	645	6648	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
STEAM PRESSURE	200 LBS.	646	6649	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
RATING OF ENGINE	64.1% WITH BOOSTER 54.7% WITHOUT BOOSTER	647	6650	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
KIND OF MAIN VALVE	14" PISTON	648	6651	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
KIND OF VALVE GEAR	BAKER	649	6652	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$ $\blacktriangle$
TRACTIVE POWER WITH BOOSTER	64100 LBS.	650	6653	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$
" " WITHOUT BOOSTER	54700 LBS.	651	6654	"	"	S. P. REV. F. B. ATK. G. $\phi$ $\neq$ $\blacktriangle$

BOILER NO. IS SAME AS BLDRS. ENG. NO.

2 PAGES - 30 ENGS. HGE

\* ARCH TUBES OF 30 SQ. FT.

 $\nabla$  2 1/4" = 2407 SQ. FT. 5 1/2" = 1090 SQ. FT.

4-15-'30. 2-27-'28 9-9-'27 9-11-'26 7-7-'25 5-13-'26. REV.

**H-6E**

R.R. LOT-208.

**ORDER-104B**

SHEET 2

NO. OF ENG.

DATE  
BUILT

BUILDER

SPECIAL EQUIPT.- PAGE 9

	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT.- PAGE 9
	R.ROAD	BLDRS.			
WEIGHT ON DRIVERS 238100 LBS.	652	6655	DEC.1923	LIMALOCO.CO	S.P.REV.F.B. AT.K.G. ⊕ †
" " ENG.TRUCK 21200 LBS.	653	6656	"	"	S.P.REV.F.B. AT.K.G. ⊕ †
" " TRAILER TRUCK 58700 LBS.	654	6657	"	"	S.P.REV.F.B. AT.K.G. ⊕ †
" TOTAL ENGINE 318000 LBS.	655	6658	"	"	S.P.REV.F.B. AT.K.G. ⊕ †
" TENDER LOADED 188800 LBS.	656	6659	"	"	S.P.REV.F.B. AT.K.G. ⊕ †
" " LIGHT 73500 LBS.	657	6660	"	"	S.P.REV.F.B. AT.K.G. ⊕ †
HEATG. SURF. TUBES & FLUES 3497 SQ. FT.	658	6661	"	"	S.P.REV.F.B. AT.K.G. ⊕ †
" " F. BOX & A. TUBES * 286 SQ. FT.	659	6662	"	"	S.P.REV.F.B. AT.K.G. ⊕ †
" " TOTAL 3783 SQ. FT.	660	6663	"	"	S.P.REV.F.B. AT.K.G. ⊕ †
" " SUPERHEATER 882 SQ. FT.	661	6664	"	"	S.P.REV.F.B. AT.K.G. ⊕ †
TUBES 2 1/4" - 216, FLUES 5 1/2" - 40					
FIREBOX LENGTH 114 1/8"					
" WIDTH 84 1/4"					
GRATE AREA 66.7 SQ. FT.					
STEAM PRESSURE 200 LBS.					
RATING OF ENGINE <small>64.1% WITH BOOSTER 54.7% WITHOUT BOOSTER</small>					
KIND OF MAIN VALVE 14" PISTON					
KIND OF VALVE GEAR - BAKER					
TRACTIVE POWER WITH BOOSTER 64100 LBS.					
TRACTIVE POWER WITHOUT BOOSTER 54700 LBS.					

BOILER NO. IS SAME AS BLDRS. ENR. NO.

2 PAGES - 30 ENGS. H6E.

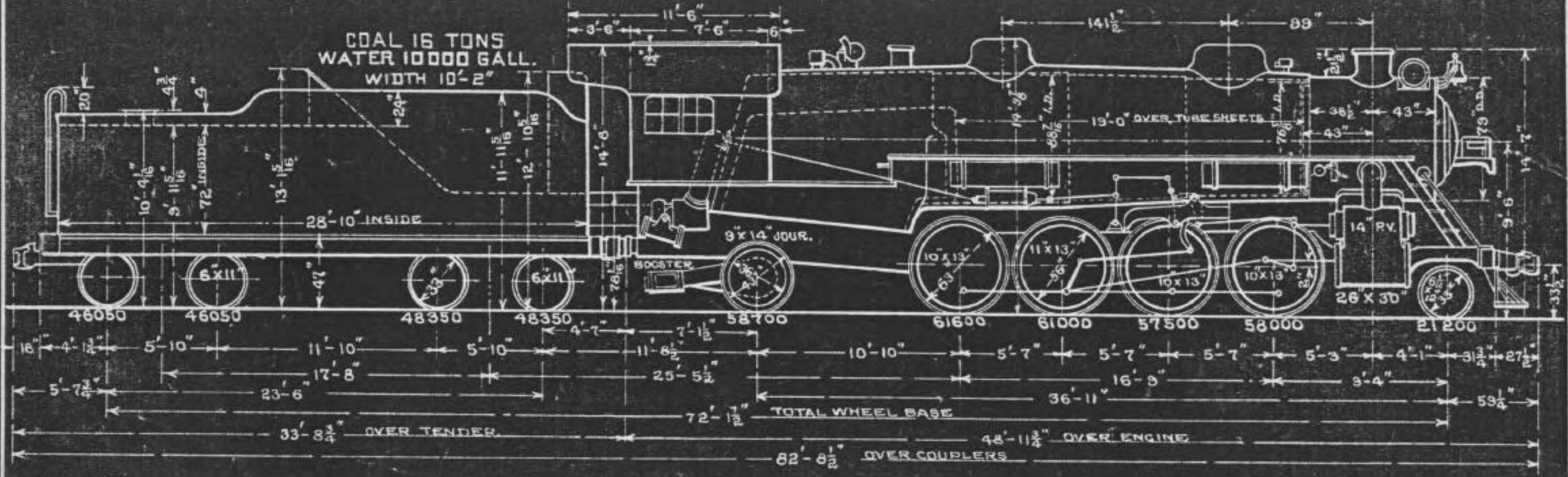
B.L.S.

\* ARCH TUBES OF 30 SQ. FT.

▼ 2 1/4" = 2407 SQ. FT., 5 1/2" = 1090 SQ. FT.

4-15-30 9-9-27 9-11-26 8-21-26 7-7-26 5-13-26 REV.

15 ENGS. - 632 TO 646 HAVE ELESICO FEED WATER HEATER AS SHOWN.  
 15 ENGS. - 647 TO 661 HAVE WORTHINGTON FEED WATER HEATER.  
 ENG. DESIGNED FOR 19° CURVE.



14" P. VALVE, 8 3/4" TRAVEL, 1 1/4" LAP, 3/16" LEAD, EXH. CLN. 1/8"

H-6E

Rev.	4-24	9-9						
	24	27						

H6F ORDER 1066	ENGINE NUMBERS		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE 9	
	R. ROAD	BUILDERS				
WEIGHT ON DRIVERS - 238,000 LBS.	662	6853	6-19-'24	LIMA	S.P. REV. F.B. AT. K.G. $\phi$ #	DUPLEX STOKER
WEIGHT ON ENG. TRUCK - 21,000 LBS.	663	6854	6-19-'24	LIMA	S.P. REV. F.B. AT. K.G. $\phi$ #	DUPLEX STOKER
WEIGHT ON TRAILER TRUCK - 58,500 LBS.	664	6855	6-21-'24	LIMA	S.P. REV. F.B. AT. K.G. $\phi$ #	DUPLEX STOKER
WEIGHT TOTAL ENGINE - 317,500 LBS.	665	6856	6-21-'24	LIMA	S.P. REV. F.B. AT. K.G. $\phi$ #	DUPLEX STOKER
WEIGHT TENDER LOADED - 187,800 LBS.	666	6857	6-24-'24	LIMA	S.P. REV. F.B. AT. K.G. $\phi$ #	DUPLEX STOKER
WEIGHT TENDER LIGHT - 72,500 LBS.	667	6858	6-24-'24	LIMA	S.P. REV. F.B. AT. K.G. $\phi$ #	STD. STOKER
HEATG. SURF. TUBES & FLUES 3497 SQ. FT.	668	6859	6-26-'24	LIMA	S.P. REV. F.B. AT. K.G. $\phi$ #	STD. STOKER
HEATG. SURF. FIREBOX $\phi$ 286 SQ. FT.	669	6860	6-26-'24	LIMA	S.P. REV. F.B. AT. K.G. $\phi$ #	STD. STOKER
HEATG. SURF. TOTAL - 3783 SQ. FT.	670	6861	6-27-'24	LIMA	S.P. REV. F.B. AT. K.G. $\phi$ #	STD. STOKER
HEATG. SURF. SUPERHEATER 882 SQ. FT.	671	6862	6-27-'24	LIMA	S.P. REV. F.B. AT. K.G. $\phi$ #	STD. STOKER
TUBES NO. 216-2 $\frac{1}{2}$ " FLUES NO. 40-5 $\frac{1}{2}$ "						
FIREBOX LENGTH - 114 $\frac{1}{8}$ "						
FIREBOX WIDTH - 84 $\frac{1}{4}$ "						
GRATE AREA - 66.7 SQ. FT.						
STEAM PRESSURE - 200 LBS.						
RATING OF ENGINE - <sup>64.1% WITH BOOSTER.</sup> <sub>54.7% WITHOUT BOOSTER.</sub>						
KIND OF MAIN VALVE - 14" PISTON						
VALVE GEAR - BAKER						
TRACT. POWER WITH BOOSTER - 64,100 LBS.						
TRACT. POWER WITHOUT BOOSTER - 54,700 LBS.						

BOILER NO. IS SAME AS BLDG. ENG. NO.

10 ENGS.

$\nabla$  2 $\frac{1}{2}$ " = 2407 SQ. FT. 5 $\frac{1}{2}$ " = 1090 SQ. FT.

$\diamond$  INCLUDING ARCH TUBES - 30 SQ. FT.

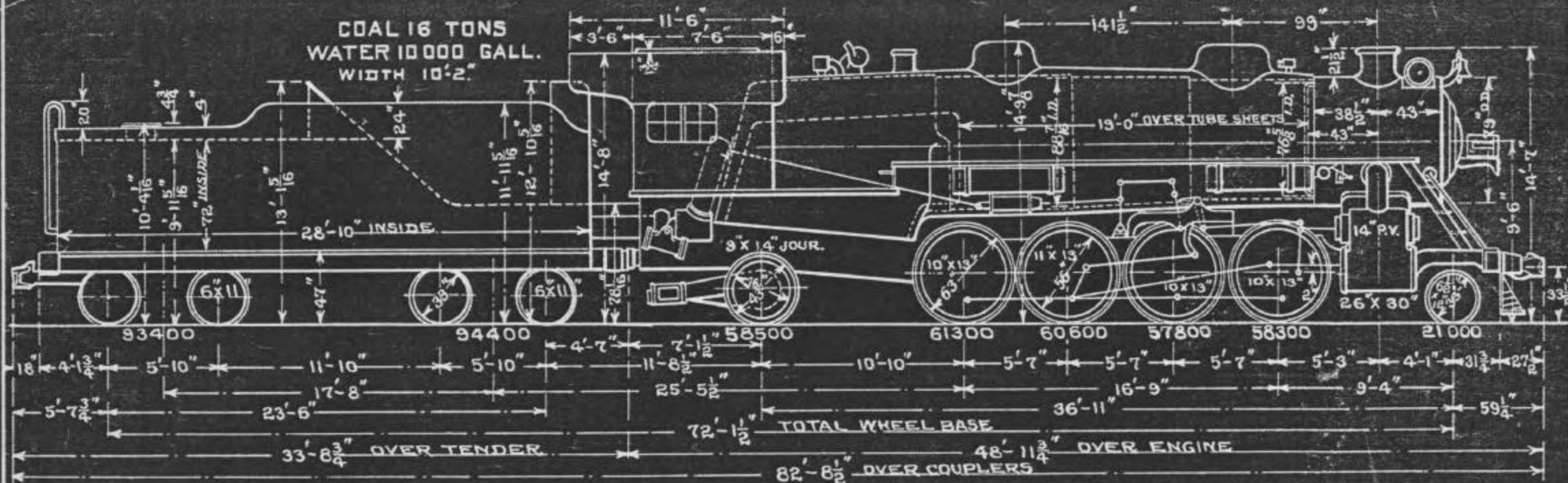
9-9 '27 9-11 '26 7-7 '26 7-31 '24 7-26 '24 7-24 '24 REV

ENDS DESIGNED FOR 19° CURVE

ELESCO. F.W. HEATERS.

51

COAL 16 TONS  
WATER 10000 GALL.  
WIDTH 10'-2"



14" P. VALVE, 8<sup>3</sup>/<sub>4</sub>" TRAVEL, 1<sup>1</sup>/<sub>4</sub>" LAP, 3<sup>3</sup>/<sub>16</sub>" LEAD, EXH. CLN. 1<sup>1</sup>/<sub>16</sub>"

H-6F

REV.	4-24	7-24	9-9						
	24	24	27						

# H60

	ENGINE NUMBERS		DATE BUILT	BUILDER	SPECIAL EQUIPT. PER PAGE 9	L.E.&W.DIST. OLD ENG. NO.
	R.ROAD	BUILDERS				
WEIGHT ON DRIVERS — 220 000 LBS.	586	49682	1918	BALDWIN	AT.S.K.F.P.REV.	5540
WEIGHT ON ENG. TRUCK — 20100 LBS.	587	49683	1918	BALDWIN	AT.S.K.F.P.REV.	5541
WEIGHT ON TRAILER TRUCK — 51900 LBS.	588	49684	1918	BALDWIN	AT.S.K.F.P.REV.	5542
WEIGHT- TOTAL ENGINE — 292000 LBS.	589	49718	1918	BALDWIN	AT.S.K.F.P.REV.	5543
WEIGHT- TENDER LOADED — 185400 LBS.	590	49719	1918	BALDWIN	AT.S.K.F.P.REV.	5544
WEIGHT- TENDER LIGHT — 70400 LBS.	591	49720	1918	BALDWIN	AT.S.K.F.P.REV.	5545
HEATG. SURF.- FLUES — 3497 SQ. FT.	592	49721	1918	BALDWIN	AT.S.K.F.P.REV.	5546
HEATG. SURF.- FIREBOX * — 286 SQ. FT.	593	49722	1918	BALDWIN	AT.S.K.F.P.REV.	5547
HEATG. SURF.- TOTAL — 3783 SQ. FT.	594	49723	1918	BALDWIN	AT.S.K.F.H.A.P.REV.	5548
HEATG. SURF.- SUPERHEATER — 882 SQ. FT.	595	49724	1918	BALDWIN	AT.S.K.F.H.A.P.REV.	5549
FLUES 40-5½" TUBES 216-2¼"	596	49725	1918	BALDWIN	AT.S.K.F.P.REV.	5550
FIREBOX LENGTH — 114⅞"	597	49726	1918	BALDWIN	AT.S.K.F.P.REV.	5551
FIREBOX WIDTH — 84¼"	598	49727	1918	BALDWIN	AT.S.K.F.P.REV.	5552
GRATE AREA — 66.7 SQ. FT.	599	49728	1918	BALDWIN	AT.S.K.F.P.REV.	5553
STEAM PRESSURE — 200 LBS.	600	49729	1918	BALDWIN	AT.S.K.F.P.REV.	5554
RATING OF ENGINE — 54.7%						
KIND OF MAIN VALVE — 14" P.V.						
KIND OF VALVE GEAR- WALSCHAERT						
TRACTIVE POWER — 54700 LBS.						

THE BOILER NUMBER IS SAME AS ENG. BUILDERS NO.

15 ENGS.

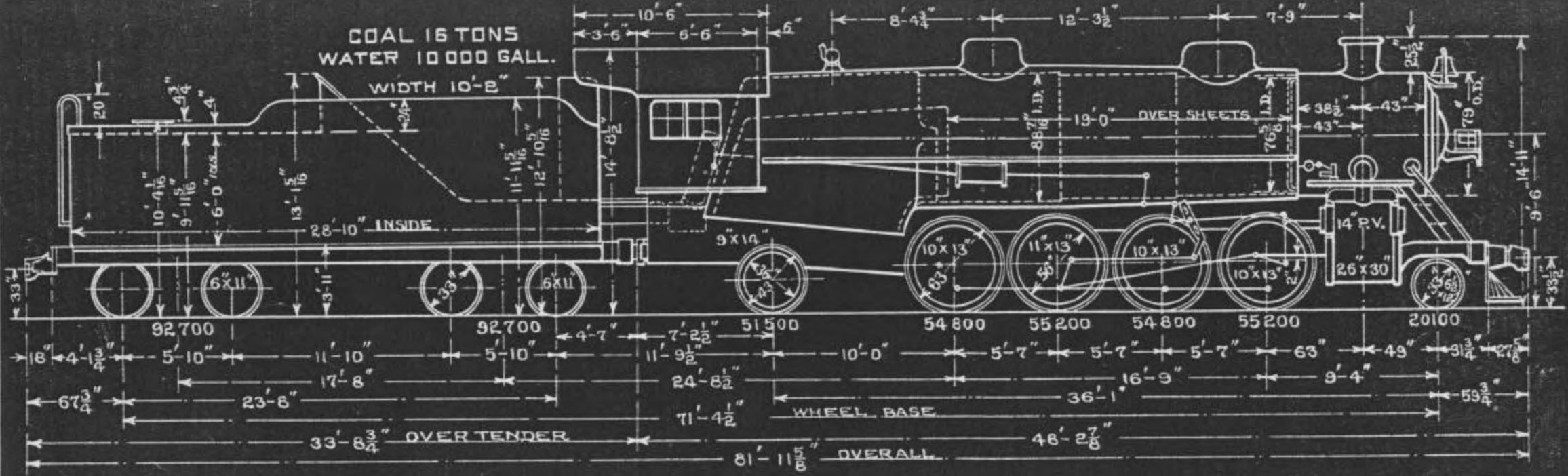
\* INCLUDING ARCH TUBES - 30 SQ. FT.

R.R.  
9-9 7-9 8-1 7-5 6-2 4-24  
27 26 25 24 24 REM



ENG. DESIGNED FOR 19° CURVE

COAL 16 TONS  
 WATER 10 000 GALL.  
 WIDTH 10'-2"



6<sup>1</sup>/<sub>2</sub>" TRAVEL 1" LAP EXH. L & L. 3<sup>3</sup>/<sub>16</sub>" LEAD.

H60

REV	9-9								
	27								

**K-1A**

R. R. LOT 207

**ORDER-1034**

NO. OF ENG.

DATE  
BUILT

BUILDER

SPECIAL EQUIPT.  
SEE PAGE 9

R. ROAD BUILDER

WEIGHT ON DRIVERS — 158000 LBS.

160

6317

DEC. '22

LIMA

S. P. REV. AT F. H. □ ▲ J.

WT. ON ENG. TRUCK — 45700 LBS.

161

6318

DEC. '22

LIMA

S. P. REV. AT F. H. □ ▲ ⊕

WT. ON TRAILER TRUCK — 41300 LBS.

162

6319

DEC. '22

LIMA

S. P. REV. AT F. H. □ ▲

WT. TOTAL ENGINE — 245000 LBS.

163

6320

DEC. '22

LIMA

S. P. REV. AT F. H. □ ▲

WT. TENDER LOADED — 202900 LBS.

WT. TENDER LIGHT — 81100 LBS.

HEATG. SURF. TUBES &amp; FLUES - 2824 SQ. FT.

HEATG. SURF. FIREBOX \* - 239 SQ. FT.

HEATG. SURF. TOTAL - 3063 SQ. FT.

HEATG. SURF. SUPERHEATER - 768 SQ. FT.

NO. OF 2" TUBES & 5 $\frac{3}{4}$ " FLUES 185 - 32FIREBOX LENGTH — 96 $\frac{1}{8}$ "FIREBOX WIDTH — 75 $\frac{1}{4}$ "

GRATE AREA — 50.23 SQ. FT.

STEAM PRESSURE — 200 LBS.

RATING OF ENGINE — 30.2%

KIND OF MAIN VALVE — 14" PISTON VALVE

VALVE GEAR — WALSCHAERT

TRACTIVE POWER — 30200 LBS.

BOILER NO. IS SAME AS BLDGRS. ENG. NO.

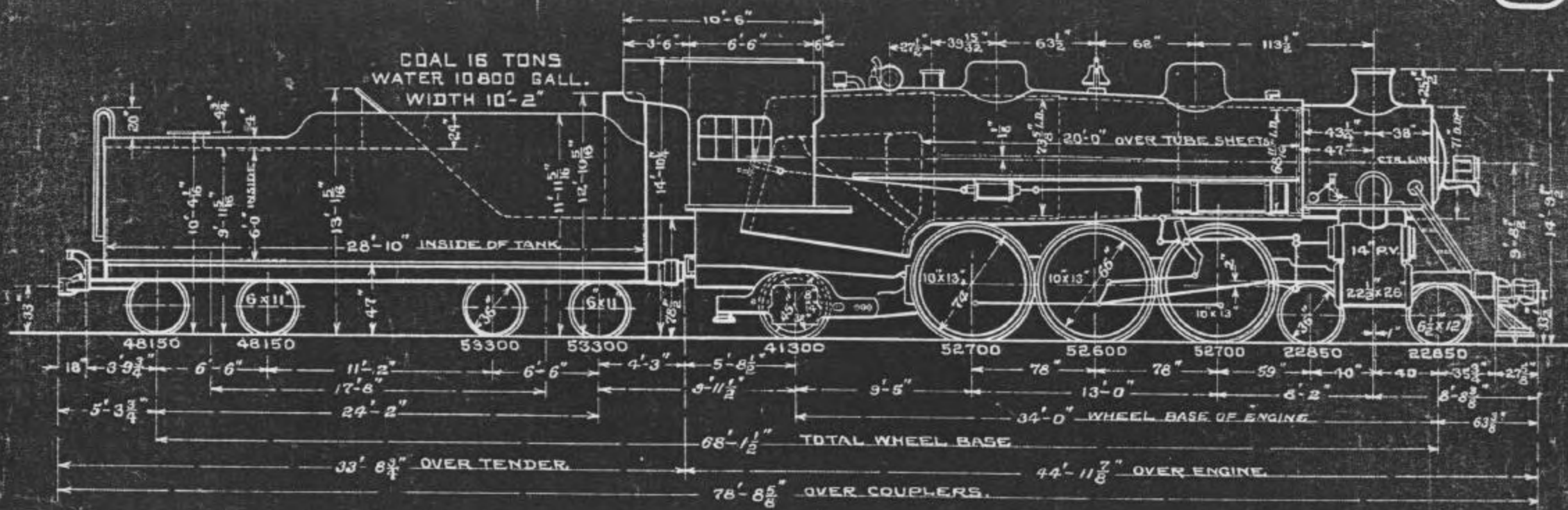
NEW PAGE - MAR 18 - 1926.

4 ENGS.

4-30	3-1	2-1	9-9	3-19	1-24	12-22	3-18	REV.
1929	1929	1929	'27	'27	1927	'26	'26.	

\* INCLUDING ARCH TUBES AND SYPHON

DESIGNED FOR 20° CURVE



14" P. VALVE, 7" TRAVEL, 1" LAP, 1/4" LEAD, EXH. CL. L&L.

K-1A

REV.	Z	Y	4-24-29	18	19	20	21	22	23	24	25	26	27	28	29	30
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**K-1B**

R. R. LOT NO. 209

**ORDER B-1608**NO. OF ENG.  
R. ROAD BUILDERDATE  
BUILT

BUILDER

SPECIAL EQUIPT.  
SEE PAGE 9

WEIGHT ON DRIVERS — 155 000 LBS.	164	64631	9 1923	A. L. CO.	S. P. REV. AT. F. H. ▲ J. □
WT. ON ENG. TRUCK — 49 000 LBS.	165	64632	9 1923	A. L. CO.	S. P. REV. AT. F. H. ▲ □
WT. ON TRAILER TRUCK — 48 000 LBS.	166	64633	9 1923	A. L. CO.	S. P. REV. AT. F. H. ▲ □
WT. TOTAL ENGINE — 252 000 LBS.	167	64634	9 1923	A. L. CO.	S. P. REV. AT. F. H. ▲ □
WT. TENDER LOADED — 202 900 LBS.	168	64635	9 1923	A. L. CO.	S. P. REV. AT. F. H. ▲ □
WT. TENDER LIGHT — 81 100 LBS.	169	64636	9 1923	A. L. CO.	S. P. REV. AT. F. H. ▲ □

HEATG. SURF. TUBES AND FLUES — 3063.61 SQ. FT.

HEATG. SURF. FIREBOX \* — 250.30 SQ. FT.

HEATG. SURF. TOTAL — 3313.91 SQ. FT.

HEATG. SURF. SUPERHEATER — 768 SQ. FT.

NO. OF TUBES 2" — 208, FLUES 5<sup>3</sup>/<sub>8</sub>" — 32 NOTE-1FIREBOX LENGTH — 96<sup>1</sup>/<sub>8</sub>"FIREBOX WIDTH — 75<sup>1</sup>/<sub>4</sub>"

GRATE AREA — 50.23 SQ. FT.

STEAM PRESSURE — 200 LBS.

RATING OF ENGINE — 30.2 %

KIND OF MAIN VALVE — 14" PISTON

VALVE GEAR — WALSCHAERT

TRACTIVE POWER — 30200 LBS.

BOILER NO. IS SAME AS BUILDER'S ENG. NO.

## NOTE-1

ON THE FOLLOWING ENGS. EQUIPPED WITH TYPE "E" HEADER,

ENGS. 164, 168, 169,

HEATING SURFACE OF 132 · 3<sup>1</sup>/<sub>2</sub>" O. DIA. FLUES = 2349 SQ. FT.HEATING SURFACE OF 44 · 2<sup>1</sup>/<sub>4</sub>" O. DIA. TUBES = 505 SQ. FT.

TOTAL HEATING SURFACE FLUES &amp; TUBES = 2854 SQ. FT.

HEATING SURFACE OF SUPERHEATER = 1350 SQ. FT.

NOTE ADDED OCT. 5-1929; REV. 4-14-1930.

NEW PAGE MADE APR. 29-1929.

6 ENGS.

R.L.A.

\* INCLUDING ARCH TUBES AND THERMIC SYPHON.

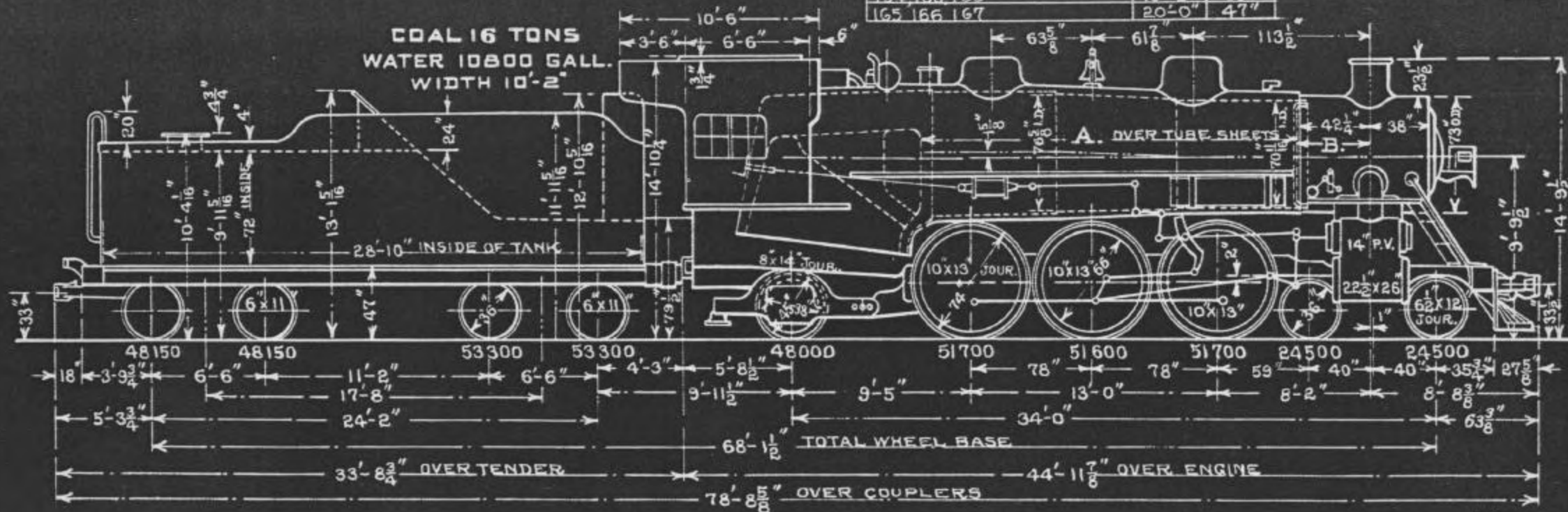
4-14 1930	10-5 1929	4-29- 1929.	REV.
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DESIGNED FOR 20° CURVE

54

ENGINES: SEE NOTE 1	A	B
164 168 169	19'-6"	53"
165 166 167	20'-0"	47"

COAL 16 TONS  
WATER 10800 GALL.  
WIDTH 10'-2"



14" P. VALVE, 7" TRAVEL, 1" LAP, 1/4" LEAD, EXH. CL. L & L.

K-1B

R.L.A.

REV.	DATE	BY	CHKD.
1	9-9-27		
2	11-1-27		
3	11-21-30		

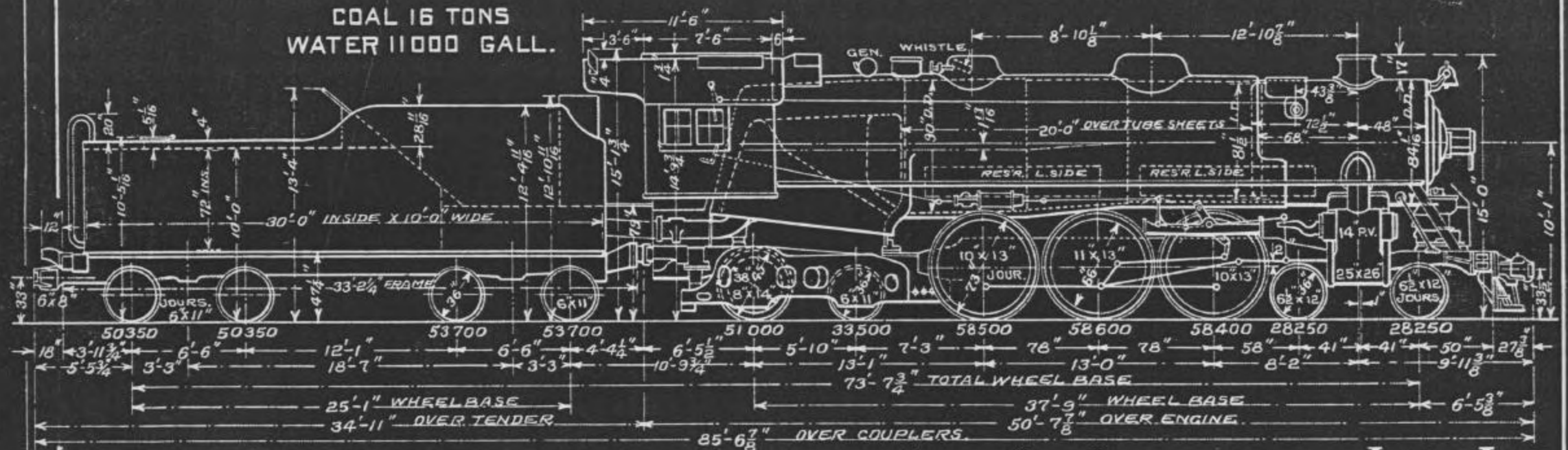
L1A — R.R. LOT 213 L1B — R.R. LOT 214	ORDER B-1695 ORDER 1114	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE 9
		R.R.	BLDRS.			
WEIGHT ON DRIVERS	175 500 LBS	170	672 11	MAR '27	ALCO.	S.PREV. AT. F.K.H. Δ O.J.M.
" " ENG. TRUCK	56 500 LBS	171	672 12	MAR '27	ALCO.	S.PREV. AT. F.K.H. Δ O.J.M.
" " TR. TRUCK	84 500 LBS	172	672 13	MAR '27	ALCO.	S.PREV. AT. F.K.H. Δ O.J.M.
" TOTAL ENGINE	316 500 LBS	173	672 14	MAR '27	ALCO.	S.PREV. AT. F.K.H. Δ O.J.M.
" TENDER LOADED	208 100 LBS					
" TENDER LIGHT	844 00 LBS					
HTG. SURF. TUBES & FLUES	3917 SQ. FT.	174	7399	NOV '29	LIMA	S.PREV. AT. F.K.H. Δ O.J.M. E
" " F. BOX AT & SYPHON	302 SQ. FT.	175	7400	NOV '29	LIMA	S.PREV. AT. F.K.H. Δ O.J.M. E
" " TOTAL - NOTE-1	4219 SQ. FT.	176	7401	NOV '29	LIMA	S.PREV. AT. F.K.H. Δ O.J.M. E
" " SUPERHEATER	1055 SQ. FT.	177	7402	NOV '29	LIMA	S.PREV. AT. F.K.H. Δ O.J.M. E
TUBES 224-2¼", FLUES 45-5½"						
FIREBOX LENGTH	114½"					
FIREBOX WIDTH	84¼"					
GRATE AREA	66.7 SQ. FT.					
STEAM PRESSURE	215 LBS.					
RATING OF ENGINE	40.6%					
KIND OF MAIN VALVE	14 PISTON					
KIND OF VALVE GEAR	WALSCHAERT					
TRACTIVE POWER	40600 LBS.					
NOTE-1 HEAT'G. SURFACE-ITEMS — HTG. SURF. TUBES 2627 SQ. FT. " " FLUES 1290 " " " " T. & FLUES 3917 " " " " SYPHON 66 " " " " ARCH TUBES 14 " " " " FIREBOX 222 " " " " F.B. AT. & SYN. 302 " "						
L1A - 4 ENGS. L1B - 4 ENGS.						

11-22-29	8-1-'29.	9-9-'27.	3-28-27.	REV.
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ENGS. DESIGNED FOR 18°30' CURVE.

55

COAL 16 TONS  
WATER 11000 GALL.



14" P. VALVE, 9" TRAVEL, 1/4" LAP, 1/4" LEAD, EXH. L.&L.

L1A L1B

REV. 9-9-'27 2-20-28

**M** ORDER 751-792-188-1189

	NO. OF ENG.		BLDRS. ORDER	BUILDER	DATE BUILT	SPECIAL EQUIPT. PAGE - 9
	R. ROAD	BLDRS.				
WEIGHT ON DRIVERS - 103 450 LBS.						
WEIGHT TOTAL ENG. - 103 450 LBS.	-2-	3470	751	BROOKS	3-1900	AT. E. F.
WEIGHT TANK LOADED - 64 000 LBS.	-3-	3486	751	BROOKS	3-1900	AT. E. F.
WEIGHT TANK LIGHT - 30 200 LBS.	-4-	3763	792	BROOKS	2-1901	AT. E. F.
HEATS. SURF. FLUES - 990 SQ. FT.						
HEATS. SURF. FIREBOX - 131 SQ. FT.	-6-	3765	792	BROOKS	2-1901	AT. E. F.
HEATS. SURF. TOTAL - 1121 SQ. FT.						
FLUES-NUMBER - 2" - 172	-8-	29571	188	SCHEN.	3-1904	AT. E. F.
FIREBOX LENGTH - 96"	-9-	29572	188	SCHEN.	3-1904	AT. E. F.
FIREBOX WIDTH - 33"	-10-	29573	188	SCHEN.	3-1904	AT. E. F.
GRATE AREA - 21.34 SQ. FT.						
STEAM PRESSURE - 170 LBS.						
RATING OF ENGINE - 21.6%	-13-	38824		MANCH'R.	12-1905	AT. E. F.
KIND OF MAIN VALVE - SLIDE	-14-	38826		MANCH'R.	12-1905	AT. E. F.
KIND OF VALVE GEAR - STEPHENSON						
TRACTIVE POWER - 21 600 LBS.	-19-	31410		BALDWIN	8-1907	AT. E. F.
	20	45217		BROOKS	3-1908	AT. E. F.
	21	34201	1189			
	-22-	46188	1189	BROOKS	5-1909	AT. E. F.

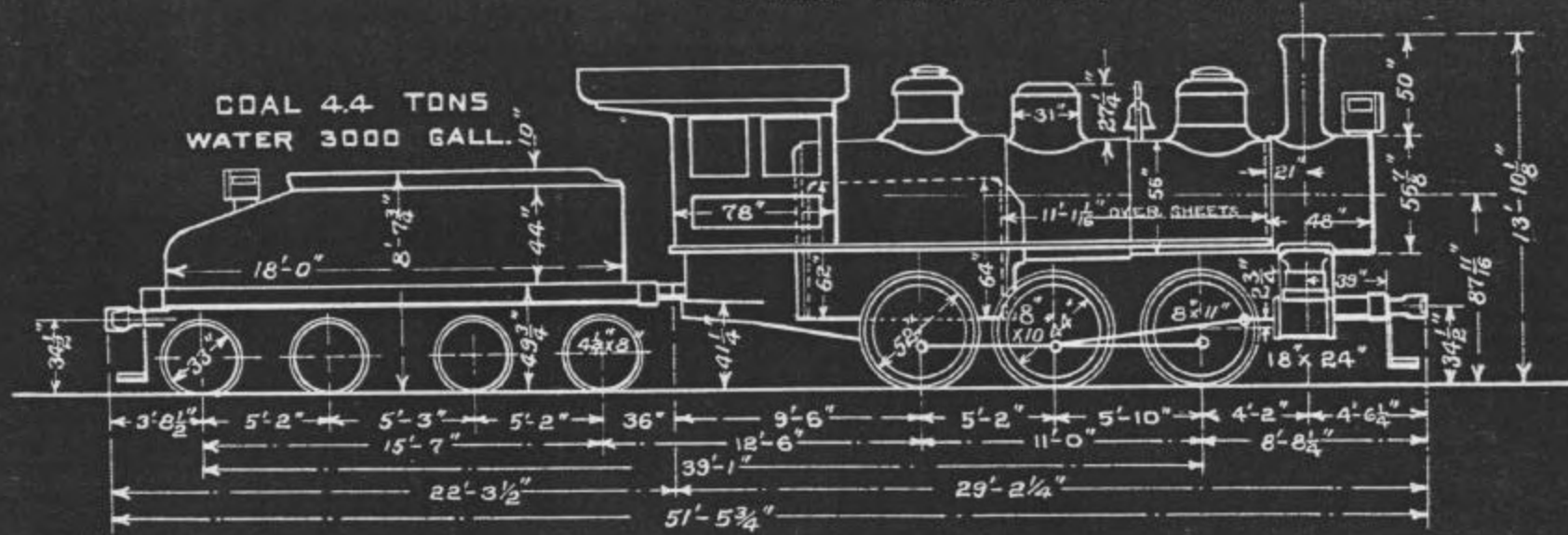
BOILER NO. IS SAME AS BLDRS. ENG. NO.

1 ENG.

21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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1 ENG. FEB. 26-1931 ENG. NO. 20



SLIDE VALVE, 6" TRAVEL, LAP 7/8", LEAD 1/16", EXH. L&L.

M

R.L.A.

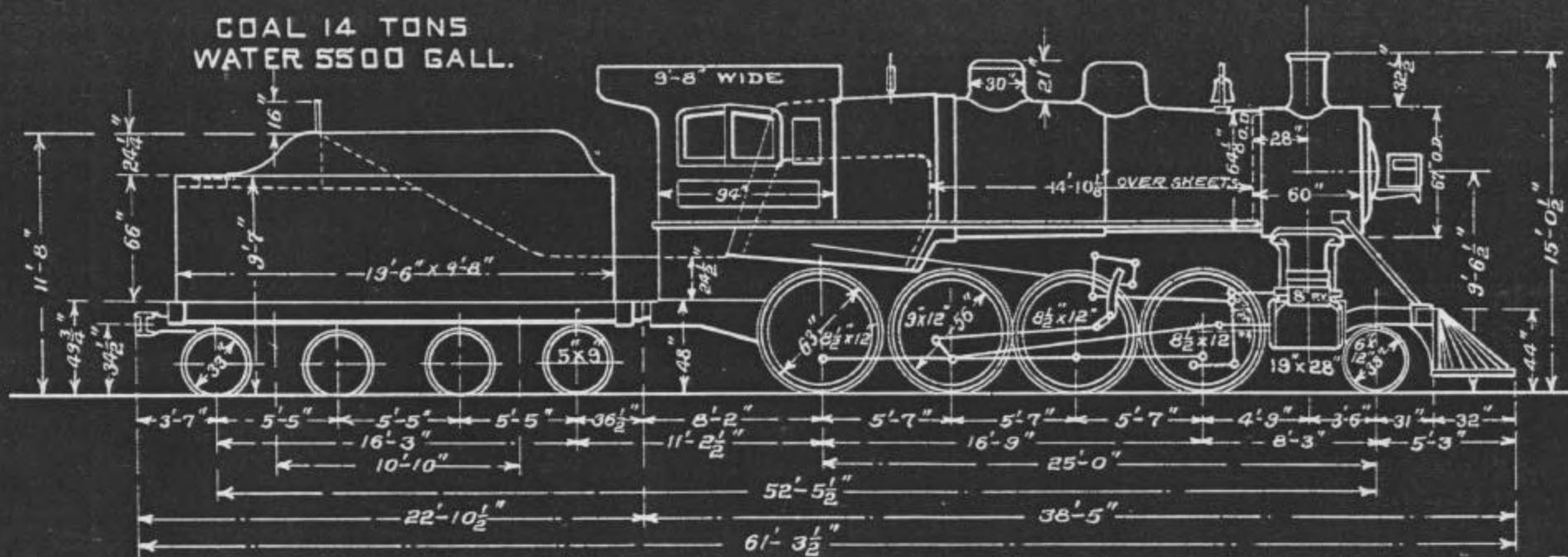
REV	4-27-26	12-27-26	2-23-27	3-9-27	9-9-27	2-26-31
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ENGS. DESIGNED FOR 19° CURVE

57

COAL 14 TONS  
WATER 5500 GALL.



VALVE TRAVEL 6", 7/8" LAP, 5/16" LEAD, EXH. CLN. 1/8"

N-2

REV. 4-27'27 4-9-27 9-9-27

N-3	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. - PAGE 9	
	R.ROAD	BLDRS.				
WEIGHT ON DRIVERS	142000 LBS.	440	31339	AUG.1907	BALDWIN	F.S. U. AT.
" " ENG. TRUCK	18000 LBS.	441	31355	"	"	F.S. U. F. H. A. AT.
" TOTAL ENGINE	160000 LBS.	442	31473	"	"	F.S. U. H. A. AT. R. REV.
" TENDER LOADED	124000 LBS.					
" " LIGHT	50167 LBS.					
HEATG. SURF. TUBES & FLUES	NOTE-1 1803 SQ. FT.					
" " FIRE BOX & ARCH TUBES	NOTE-1 171 SQ. FT.					
" " TOTAL	NOTE-1 1974 SQ. FT.					
" " SUPERHEATER	412 SQ. FT.					
TUBES-2"-169, FLUES 5 <sup>3</sup> / <sub>8</sub> "-24						
FIREBOX LENGTH	96"					
" WIDTH	63"					
GRATE AREA	40.9 SQ. FT.					
STEAM PRESSURE	190 LBS.					
RATING OF ENGINE	25.8%					
MAIN VALVE	8" P.V. OF E. DEVICES CO.					
KIND OF VALVE GEAR	WALSCHAERT					
TRACTIVE POWER	25800 LBS.					

NOTE-1  
 HEATG. SURF. F. BOX 152 SQ. FT.  
 " " ARCH TUBES 19 SQ. FT.  
 " " F. B. & A. TUBES 171 SQ. FT.  
 " " 2" TUBES 1305 SQ. FT.  
 " " 5<sup>3</sup>/<sub>8</sub>" FLUES 498 SQ. FT.  
 " " TUBES & FLUES 1803 SQ. FT.  
 " " TOTAL 1974 SQ. FT.

BOILER NO. 15 SAME AS BLDRS. ENG. NO.

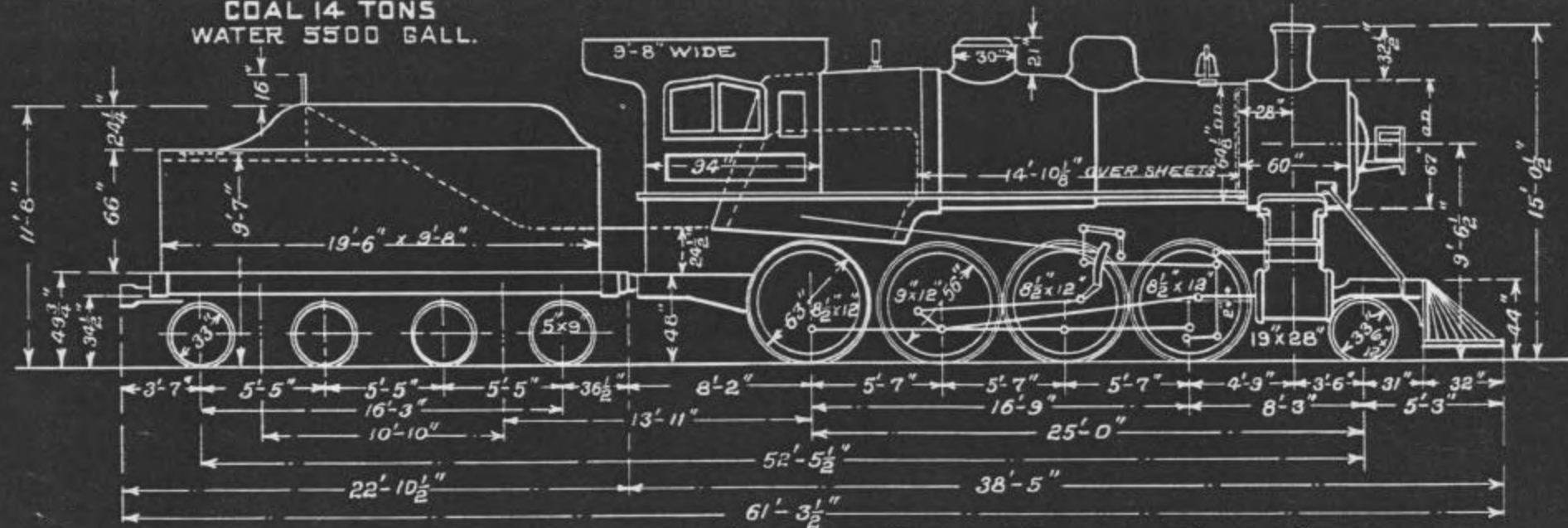
3 ENGS. N3.

RLA

10-7-1929 3-23-'28 9-9-'27 3-14-'27 5-13-'26. REV.

ENGS. DESIGNED FOR 19° CURVE

COAL 14 TONS  
WATER 5500 GALL.



8" P VALVE 1/4" LEAD 6 1/2" TRAVEL 7/8" LAP, 1/8" EXH. CL.

R.L.A.

REV. 5-15-26 4-9-27 3-9-27





N-5	ORDER-1279	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE 9	E.T. BRAKE
		R. ROAD	BLDRS.				
WEIGHT ON DRIVERS	155 500 LBS.	448	50029	MAY 1911	BROOKS	A.H.F.S.U. AT. R.REV.	NOTE-1; ENGS. 450 TO 453 INCL. HAVE WESTINGHOUSE AIR SIGNAL AND CHICAGO SYSTEM OF STEAM HEAT WITH McLAUGHLIN FLEXIBLE JOINTS.  NOTE-2; "H" ON FRONT END ONLY.  NOTE-3; HEATG. SURF. F. BOX 152 SQ.FT. " " ARCH TUBES 19 SQ.FT. " " F.B.&A.TUBES 171 SQ.FT. " " 2" TUBES 1305 SQ.FT. " " 5 3/8" FLUES 498 SQ.FT. " " TUBES & FLUES 1803 SQ.FT. " " TOTAL 1974 SQ.FT.  BOILER NO. IS SAME AS BLDRS. ENG. NO.  6 ENGS. - N5.
" " ENG. TRUCK	19500 LBS.	449	50030	"	"	A.H.F.S.U. AT. R. REV.	
" TOTAL ENGINE	175000 LBS.	450	50031	"	"	A.H.F.S.U. AT. R. REV. H. <sup>NOTE-2</sup>	
" TENDER LOADED	124000 LBS.	451	50032	"	"	A.H.F.S.U. AT.	
" " LIGHT	50167 LBS.	452	50033	"	"	A.H.F.S.U. AT. R. REV.	
HEATG. SURF. TUBES & FLUES	1803 SQ. FT.	453	50034	"	"	A.H.F.S.U. AT. <sup>NOTE-2</sup> H.	
" " FIRE BOX & ARCH TUBES	171 SQ. FT.						
" " TOTAL	1974 SQ. FT.						
" " SUPERHEATER	412 SQ. FT.						
TUBES 2" 169, FLUES 5 3/8" - 24							
FIRE BOX LENGTH	96"						
" WIDTH	63"						
GRATE AREA	40.9 SQ. FT.						
STEAM PRESSURE	190 LBS.						
RATING OF ENGINE	25.8%						
MAIN VALVE	8" P.V. OF ECON. DEV. CO.						
KIND OF VALVE GEAR	- BAKER						
TRACTIVE POWER	25800 LBS.						



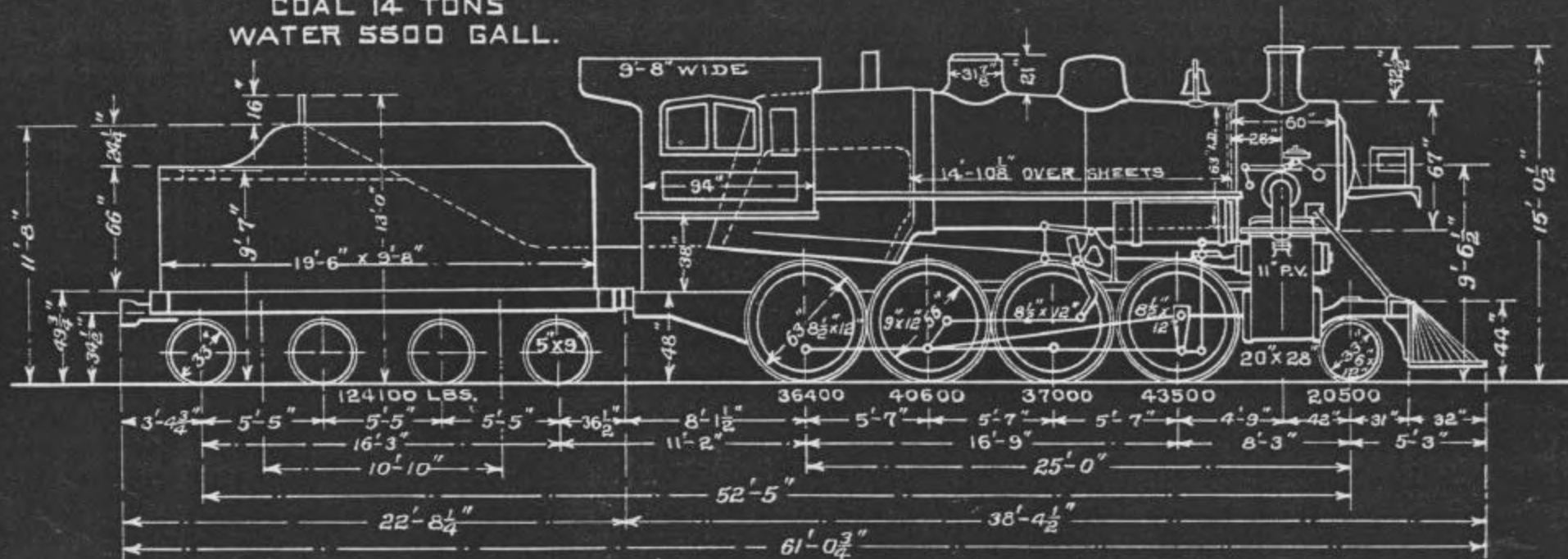




ENGS. DESIGNED FOR 19° CURVE.

61

COAL 14 TONS  
WATER 5500 GALL.



11" P.V. 6" TRAVEL 1" LAP 7/32" LEAD 1/16" EXH. CLN.

N-6

REV. 5-18-26 4-9-27 9-9-27

N-6	ORDER B-1343 LENGTHENED TENDER		NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE 9
	R. ROAD	BLDRS.					
WEIGHT ON DRIVERS -	157 500	LBS.					
WEIGHT ON ENG. TRUCK -	20 500	LBS.	455	53840	AUG. 1913	A. L. CO.	F.S. AT. H. A.
WEIGHT TOTAL ENG. -	178 000	LBS.	456	53841	AUG. 1913	A. L. CO.	F.S. AT. H. A.
WEIGHT TENDER LOADED -	148 200	LBS.	457 L	53842	AUG. 1913	A. L. CO.	F.S. AT. H. A.
WEIGHT TENDER LIGHT -	58 300	LBS.	458 L	53843	AUG. 1913	A. L. CO.	F.S. AT. H. A.
HEATG. SURF. FLUES & TUBES -*	1714	SQ. FT.					
HEATG. SURF. FIREBOX - <sup>⊕</sup>	171	SQ. FT.					
HEATG. SURF. TOTAL -	1885	SQ. FT.					
HEATG. SURF. SUPERHEATER -	366	SQ. FT.					
TUBES NO. 2" - 163, FLUES NO. 5 <sup>3</sup> / <sub>8</sub> - 22.							
FIREBOX LENGTH -	96"						
FIREBOX WIDTH -	63"						
GRATE AREA -	40.9	SQ. FT.					
STEAM PRESSURE -	180	LBS.					
RATING OF ENGINE -	27.2%						
KIND OF MAIN VALVE -	11" PISTON						
VALVE GEAR -	WALSCHAERT						
TRACTIVE POWER -	27 200	LBS.					

NOTE-1  
ENGS. 455-456  
LENGTHENED FROM 19'-6" TO 22'-6"  
TENDER LT. WT. 55700 LBS.  
TENDER LOADED 137000 LBS.  
COAL 12.3 TONS, WATER 6800 GALL.  
8-25-1929.

BOILER NO. 15 SAME AS BLDRS. ENG. NO.

\* L INDICATES LENGTHENED TENDER  
ORIGINAL LENGTH WAS 19'-6" INSIDE

⊕ INCLUDING ARCH TUBES

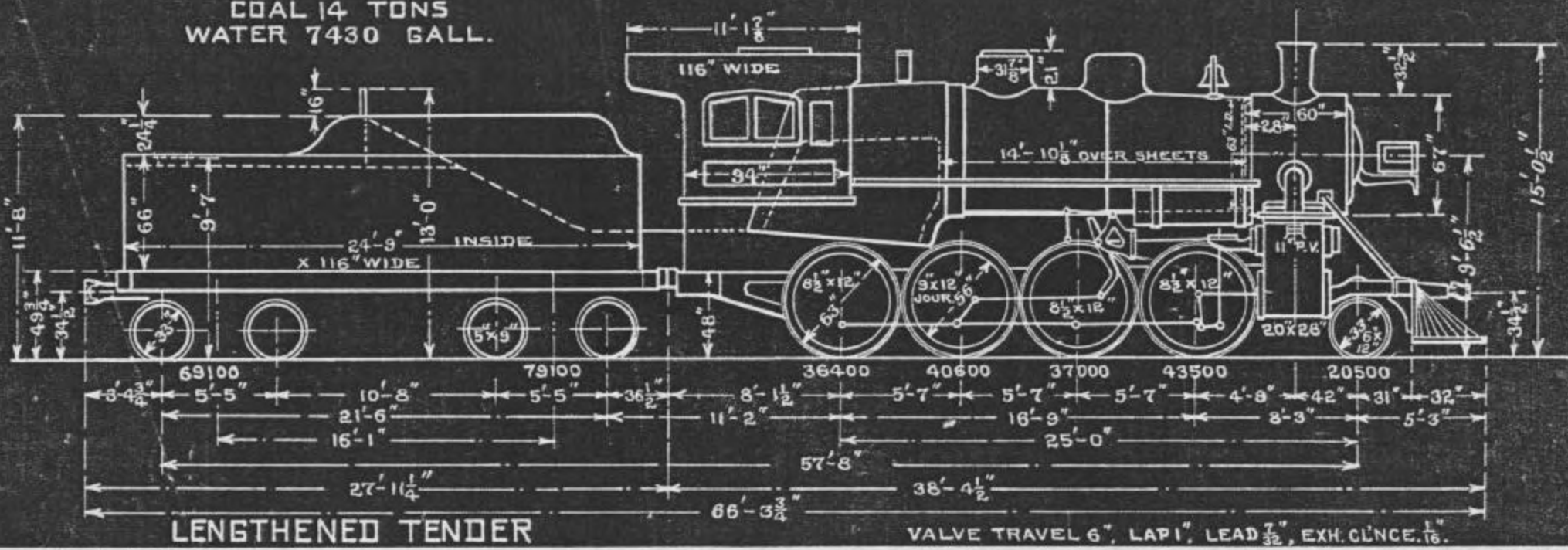
\* 2" = 1258 SQ. FT. 5<sup>3</sup>/<sub>8</sub>" = 456 SQ. FT.

8-26 9-9 8-9 6-13  
29 27 26 24 REV

ENGS. DESIGNED FOR 19° CURVE

62

COAL 14 TONS  
WATER 7430 GALL.



REV	6-13	4-9	8-9
	24	27	27

N6

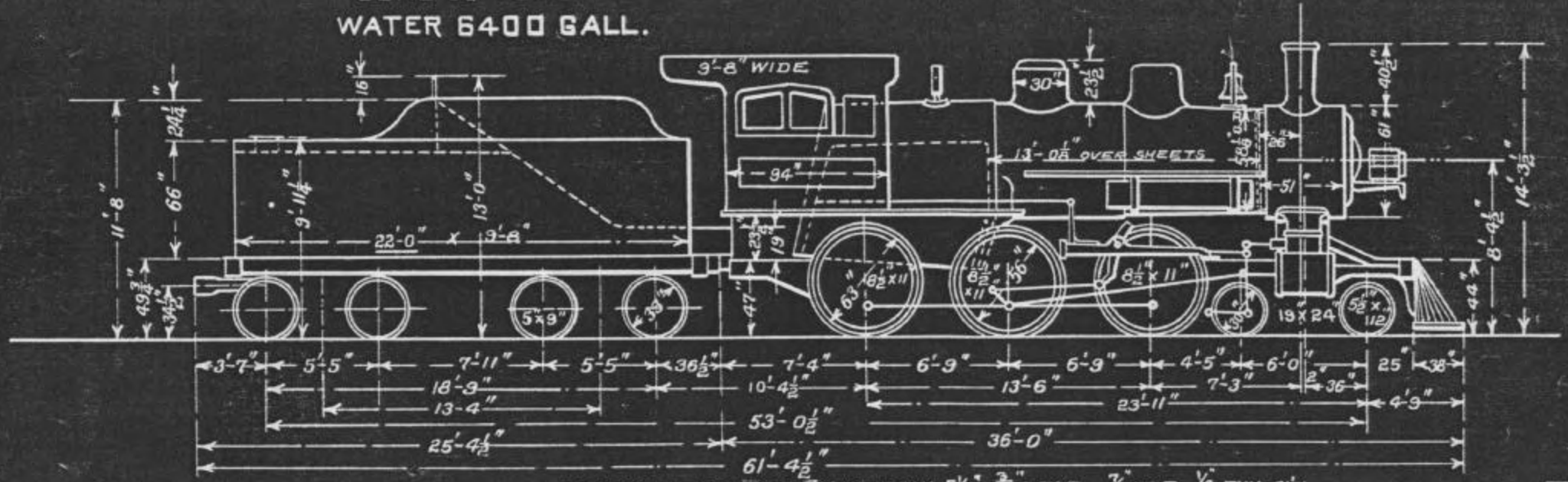
P-1	ORDER 1163 - 315 TO 324 ORDER 1188 - 326 TO 334	NO. OF ENGINE		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE 9	NOTE-1 SERIES INCOMPLETE ACCT. ENGS. SCRAPPED.
		R. ROAD	BLDRS.				
WEIGHT ON DRIVERS -	106 300 LBS.	<del>315</del>	<del>45226</del>	<del>3 1908</del>	<del>A. L. CO. BROOKS</del>	<del>DEC. 22-24 USED AT BROADWAY F. H. AT FOR HEATING PLANT.</del>	NOTE-2 ENGS. WHICH ARE NOT YET EQUIPPED WITH SUPERHEATER HAVE 233-2" TUBES WHOSE HEATING SURFACE IS 1574 SQ. FT. FIRE BOX HEATG. SURF. 126 SQ. FT. TOTAL HEATG. SURF. 1702 SQ. FT. AND SLIDE VALVE CYLINDERS. ENG. 315 ONLY
WEIGHT ON ENG. TRUCK -	34 200 LBS.	318 L	45229	" "	"	F. AT. S. U. AT. H.	
WEIGHT-TOTAL ENGINE -	140 500 LBS.	319 L	45230	" "	"	F. S. U. AT.	NOTE-3 ENGS. MARKED WITH "L" HAVE TANKS LENGTHENED 30"
WEIGHT TENDER LOADED -	133 200 LBS.	320 L	45231	" "	"	F. S. U. AT.	
WEIGHT TENDER LIGHT -	51 850 LBS.	324 L	45235	" "	"	F. A. S. U. AT.	BOILER NO. IS SAME AS BLDRS. ENG. NO. ENG. 327 DISMANTLED JULY-27.
HEATG. SURF. TUBES & FLUES	1183 SQ. FT.						
HEATG. SURF. FIREBOX*	128 SQ. FT.	326 L	46188	" "	"	F. S. U. H. A. AT.	
HEATG. SURF. TOTAL -	1311 SQ. FT.			" "	"		
HEATG. SURF. SUPERHEATER -	256 SQ. FT.			" "	"		
TUBES NO. 124-2" FLUES NO. 19-5 <sup>3</sup> / <sub>8</sub> "	NOTE-2	330 L	46192	" "	"	F. S. U. AT.	
FIREBOX LENGTH -	102 <sup>1</sup> / <sub>8</sub> "	331 L	46193	" "	"	F. S. U. AT.	
FIREBOX WIDTH -	40 <sup>1</sup> / <sub>4</sub> "	332 L	46194	" "	"	F. S. U. AT.	
GRATE AREA -	28.54 SQ. FT.	334 L	46196	" "	"	F. S. U. AT.	
STEAM PRESSURE -	180 LBS.						
RATING OF ENGINE -	21%						
KIND OF MAIN VALVE -	E. DEY CO. 8" PISTON						
KIND OF VALVE GEAR -	WALSCHAERT						
TRACTIVE POWER -	21040 LBS.						
		L INDICATES LENGTHENED TENDER; TANK 22'-0" INSIDE					
							9 ENGS.

\* INCLUDING ARCH TUBES

2-26	2-1	3-23	9-9	8-22	4-25	4-5	2-23	8-17	11-30	10-27	9-3	REV.
31	29	28	27	27	27	27	1927	26	25	25	1925	



COAL 14 TONS  
WATER 6400 GALL.



SUPERHEAT ENCS. 8" P. VALVE; TRAV. 5 1/4" 3/2" LEAD, 7/8" LAP, 1/8" EXH. CLN.

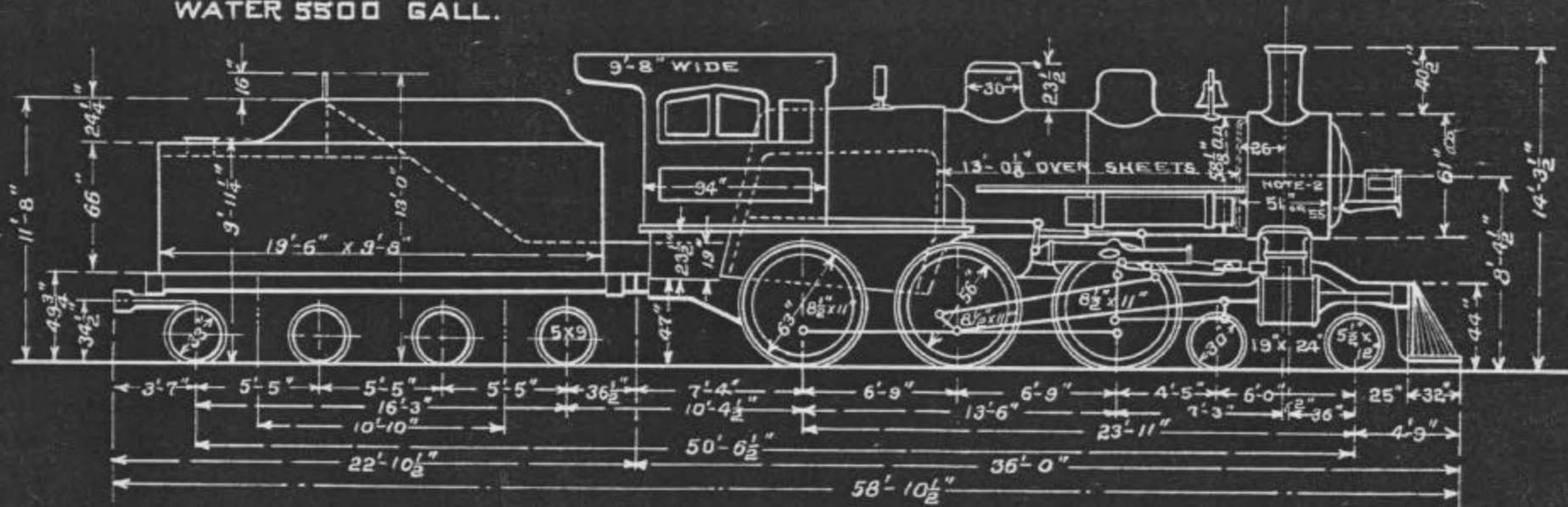
P-1

REV. 8-17-26 9-7-26 9-9-27 2-1-29 2-26-31



63A

COAL 14 TONS  
WATER 5500 GALL.



SLIDE VALVE, TRAVEL 6", LAP 1", LEAD 1/4"

P-2

REV. 5-19-26 9-9-27

P-3 ORDER B-1342 LENGTHENED TENDER	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL. EQUIPT. - SEE PAGE 9	E.T. BRAKES
	R. ROAD	BUILDER'S				
WT. ON DRIVERS - 112000 LBS.	359 L	53822	AUG. 1913	A. L. CO.	F. S. AT. H. A.	364 PASS. EQUIPT. APPLIED
WT. ON ENG. TRUCK - 38000 LBS.	360 L	53823	AUG. 1913	A. L. CO.	F. S. AT. H. A.	
WT. TOTAL ENGINE - 150000 LBS.	361 L	53824	AUG. 1913	A. L. CO.	F. S. AT. H.	
WT. TANK LOADED - 133200 LBS.	362 L	53825	AUG. 1913	A. L. CO.	F. S. AT. H.	
WT. TANK LIGHT - 51850 LBS.	363 L	53826	AUG. 1913	A. L. CO.	F. S. AT. H.	
HEATG. SURF. FLUES & TUBES - 1211.50 FT.	364 L	53827	AUG. 1913	A. L. CO.	F. S. AT. H. A.	
HEATG. SURF. FIREBOX $\phi$ 128 SQ. FT.	365 L	53828	AUG. 1913	A. L. CO.	F. S. AT. H. A.	
HEATG. SURF. TOTAL 1339 SQ. FT.	366 L	53829	AUG. 1913	A. L. CO.	F. S. AT. H. A.	
HEATG. SURF. SUPERHEATER 256 SQ. FT.						
TUBES NO. 2"-131, FLUES NO. 5 $\frac{3}{8}$ "-18						
FIREBOX LENGTH - 102 $\frac{1}{8}$ "						NOTE-1 TENDER TANKS AS BUILT WERE 19'-6" LONG INSIDE; COAL CAPY. 14 TONS, WATER 5500 GALLS. AND WEIGHED LOADED 124,200 LBS. 8-9-26.
FIREBOX WIDTH - 40 $\frac{1}{4}$ "						
GRATE AREA - 28.5 SQ. FT.						
STEAM PRESSURE - 180 LBS.						
RATING OF ENG. - 21%						
KIND OF MAIN VALVE - 11" PISTON						
VALVE GEAR - BAKER						
TRACTIVE POWER - 21040 LBS.						

L INDICATES LENGTHENED TENDERS.

BOILER NO. IS SAME AS BLDRS. ENG. NO.

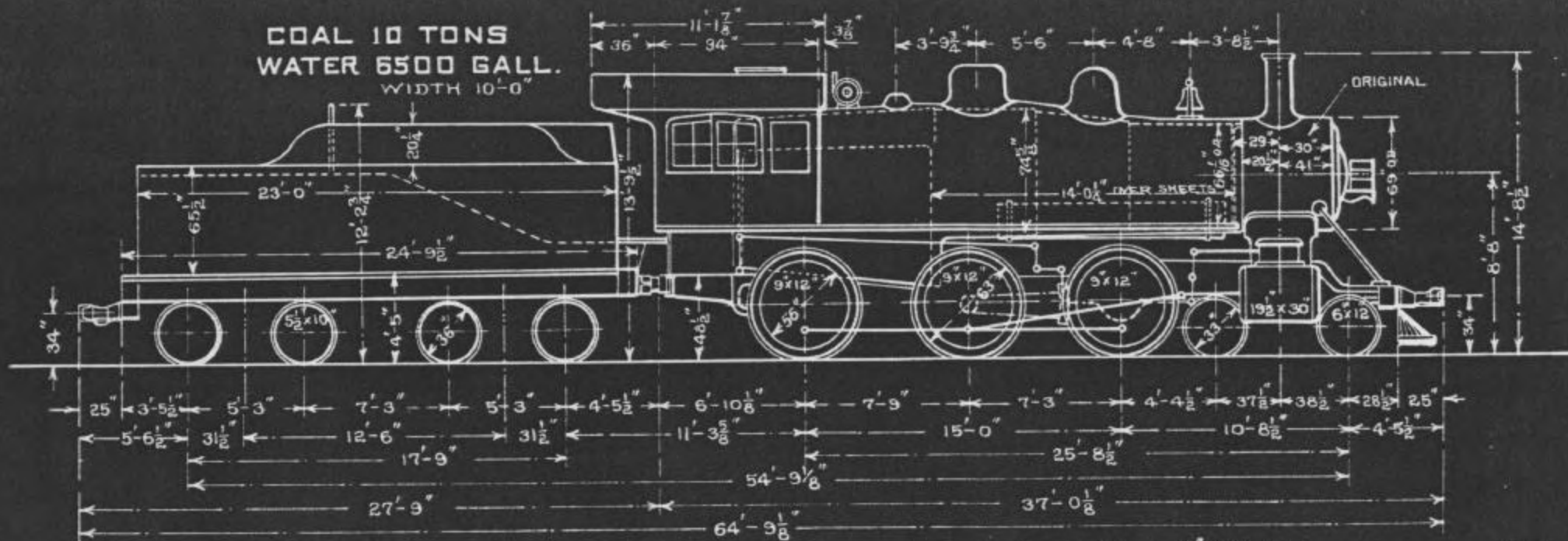
8 ENGS.

 $\phi$  2" TUBES 884 SQ. FT. ~ 5 $\frac{3}{8}$ " FLUES 327 SQ. FT. $\phi$  INCLUDING ARCH TUBES.9-9 8-9 2-25 REV.  
27 1926





COAL 10 TONS  
 WATER 6500 GALL.  
 WIDTH 10'-0"



P-6

RLA

REV. 9-9-27 2-26-31

R	ORDER B-1340 (156-157-158)	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE 9	E. T. BRAKE			
		R. ROAD	BLDRS.				LENGTHENED TENDERS INSIDE DIMENSIONS OF TANKS 3-7-1927			
							ENG.	LENGTH	WIDTH	HEIGHT
WT. ON DRIVERS 150 TO 155	113000 LBS.	150 L	30939	JUN. 1907	BALDWIN	F. H. A. S. AT.				
WT. ON DRIVERS 156 TO 158	126175 LBS.	151 L	30988	"	"	F. H. A. S. AT.				
WT. ON TRUCK 150 TO 155	51000 LBS.	152 L	30989	"	"	F. H. A. S. AT.				
WT. ON TRUCK 156 TO 158	47725 LBS.	153 L	30990	"	"	F. H. A. S. AT.				
WT. TOTAL ENG. 150 TO 155	164000 LBS.	154 L	31013	"	"	F. H. A. S. AT.				
WT. TOTAL ENG. 156 TO 158	173900 LBS.	155 L	31062	"	"	F. H. A. S. AT.				
WT. TENDER LOADED	152000 LBS.									
WT. TENDER LIGHT	58900 LBS.	156 L	53830	AUG. 1913	BROOKS	F. H. A. S. AT.				
HEATG. SURF. TUBES & FLUES *	1848 SQ. FT.	157 L	53831	"	"	F. H. A. S. AT.				
" " † FIREBOX & ARCH TUBES -	139 SQ. FT.	158 L	53832	"	"	F. H. A. S. AT.				
" " TOTAL	1987 SQ. FT.									
" " SUPERHEATER	395 SQ. FT.									
2" TUBES 163, 5 <sup>3</sup> / <sub>8</sub> " FLUES - 22.										
FIREBOX LENGTH	96"									
" WIDTH	63"									
GRATE AREA	40.9 SQ. FT.									
STEAM PRESSURE	200 LBS.									
RATING OF ENGINE	24.2%									
KIND OF MAIN VALVE	11" PISTON									
KIND OF VALVE GEAR -	WALSCHAERT									
TRACTION POWER	24220 LBS.									
		† 3 ARCH TUBES		3" O.D. HEATG. SURFACE =	18.25 SQ. FT.					

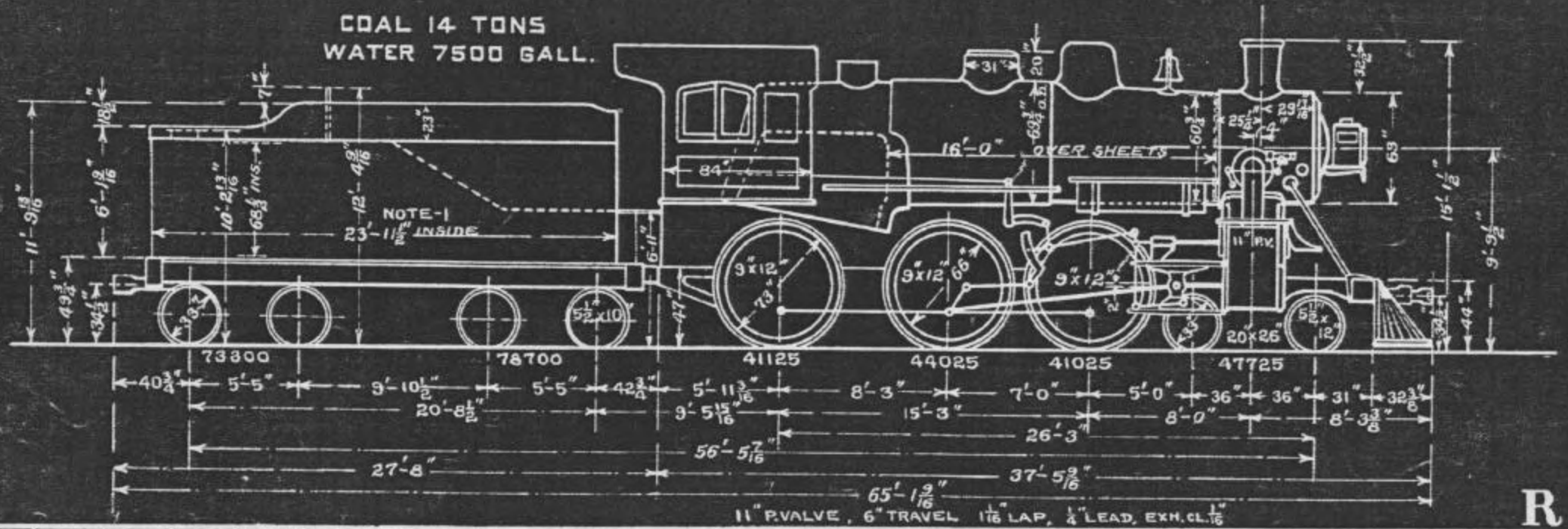
9 ENGINES

\* 2" TUBES 1357 SQ. FT. 5<sup>3</sup>/<sub>8</sub>" FLUES 491 SQ. FT.

6-6-29 2-3-28 9-9-27 4-5-27 3-7-27 10-14-26 5-14-26 REV

NOTE-1; DIMENSIONS OF TENDERS ARE GIVEN BELOW AS FOR LONGEST AND HIGHEST. SEE TABLE ON DESCRIPTION PAGE FOR TANK MEASUREMENTS OF EACH TENDER. 3-7-1927.

COAL 14 TONS  
WATER 7500 GALL.



R

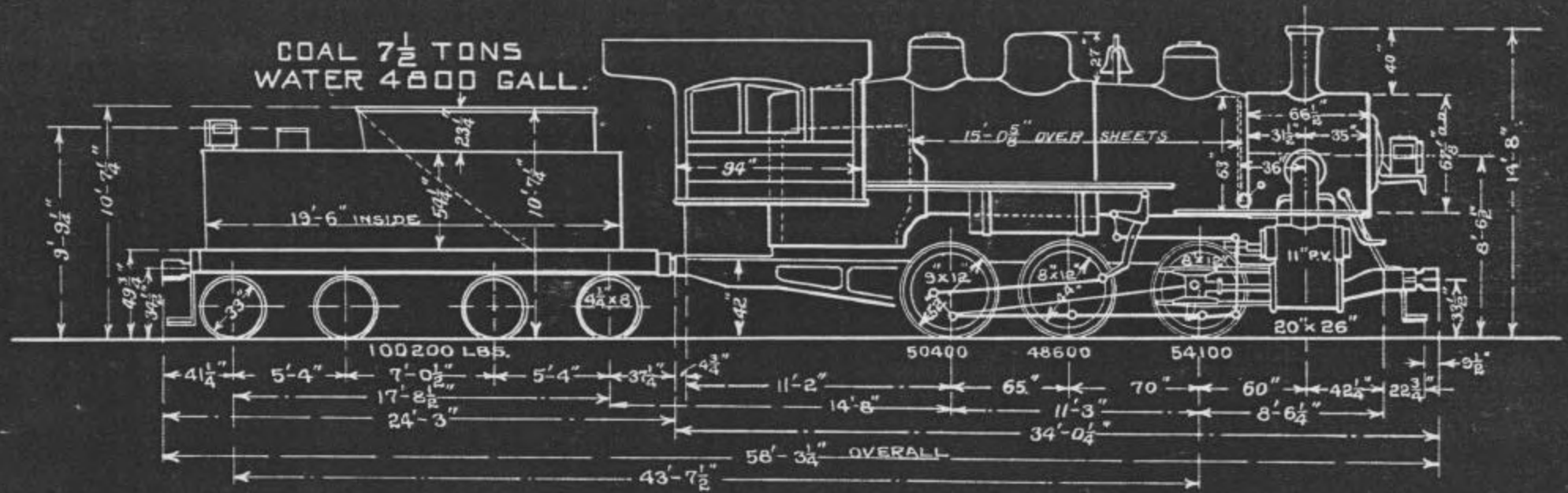
R.L.A.  
REV. 5-13-26 3-7-27 9-9-27 2-3-28





ENGINE DESIGNED FOR 15° 55' CURVE LIMIT.

69



S

REV 5-18-22 9-9-27

T	ORDER B-929	NO. OF ENG.		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE 9
		R. ROAD	BLDRS.			
WEIGHT ON DRIVERS	161829 LBS.	460L	28808	OUT IN FEB 1931 1903	BROOKS	S. F. AT. R. REV.
" " TRUCK	21871 LBS.	461	28809	"	"	S. F. AT. R. REV.
" TOTAL ENG.	183700 LBS.	462	28810	OUT IN 8-1929	"	S. F. AT. R. REV. H.
" TENDER LOADED	NOTE-1 123500 LBS. 150233 LBS.	463L	28811	"	"	S. F. AT.
" " LIGHT	NOTE-1 84100 LBS. 56900 LBS.	464	28812	"	"	S. F. AT.
HEATG. SURF. TUBES & FLUES *	2159 SQ. FT.	465	28813	"	"	S. F. AT.
" " F. BOX & A. TUBES	187.5 SQ. FT.	466	28814	"	"	S. F. AT.
" " TOTAL	2340.5 SQ. FT.	467L	28815	"	"	S. F. AT.
" " SUPERHEATER	378 SQ. FT.	468L	28816	"	"	S. F. AT.
TUBES 2" - 200, FLUES 5 3/8" - 28		469L	28817	"	"	S. F. AT.
FIREBOX LENGTH	99 1/8"	470L	28867	"	"	S. F. AT.
" WIDTH	62 1/4"	471L	28868	"	"	S. F. AT.
GRATE AREA	43 SQ. FT.	472	28869	"	"	S. F. AT.
STEAM PRESSURE	190 LBS.	473L	28870	"	"	S. F. AT.
RATING OF ENGINE	33.9%	474L	28871	"	"	S. F. AT.
KIND OF MAIN VALVE	11" PISTON					
KIND OF VALVE GEAR	BAKER					
TRACTIVE POWER	33900 LBS.					
						ENG. BOUGHT FROM N.Y. GEN., SUPERHEATERS WERE APPLIED AT COLLINWOOD, NOV. 1916.
						BOILER NO. IS SAME AS BLDRS. ENG. NO.
TOTAL 13 ENGS.						

NOTE-1  
WHEN LOCOMOTIVES HAVE TANKS LENGTHENED FROM 20'-4" TO 26'-0" WITH WATER CAPY. OF 8080 GALLS. DIMENSIONS THUS AFFECTED ARE SHOWN FOR BOTH KINDS OF TANKS, ON DIAGRAM. THE FOLLOWING ENGS. HAVE LENGTHENED TENDERS-

463,  
467, 468, 469,  
470, 471, 473, 474,

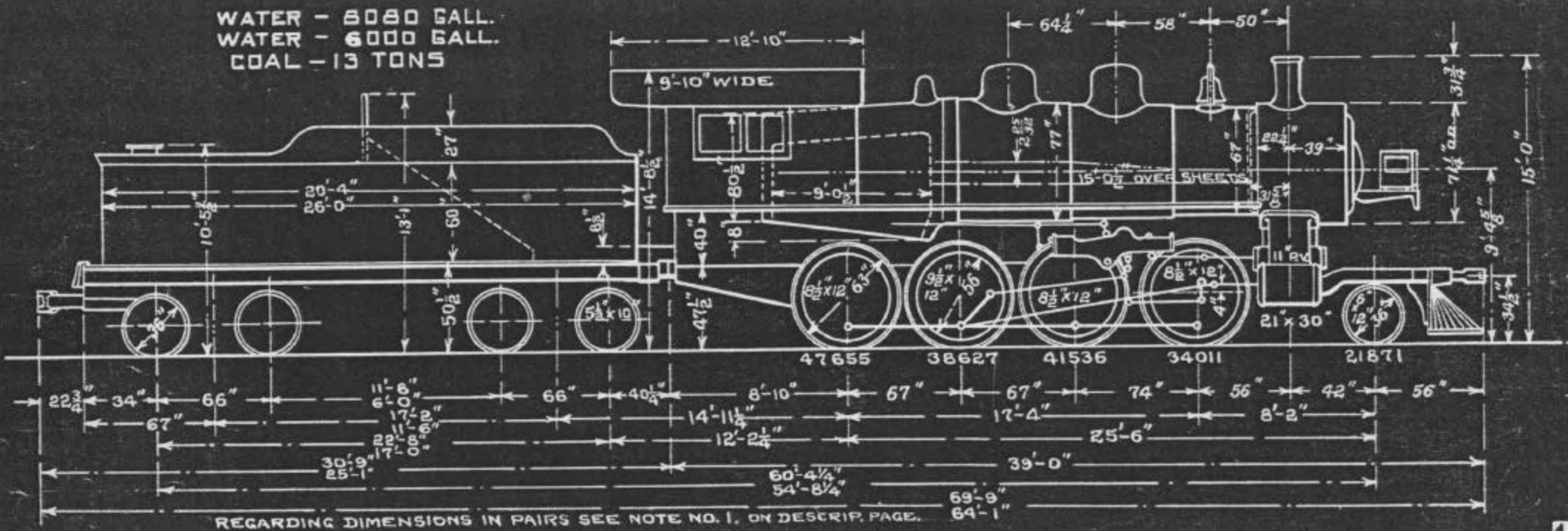
ENG. BOUGHT FROM N.Y. GEN., SUPERHEATERS WERE APPLIED AT COLLINWOOD, NOV. 1916.

BOILER NO. IS SAME AS BLDRS. ENG. NO.

\* 2" TUBES 1564.5 SQ. FT. 5 3/8" FLUES 588.1 SQ. FT.

2-26-31 | 10-29-29 | 9-19-1929 | 2-1-1928 | 9-9-27 | 10-14-26 | 8-10-26 | 7-2-26 | 5-13-26 | REV.

WATER - 8080 GALL.  
 WATER - 6000 GALL.  
 COAL - 13 TONS



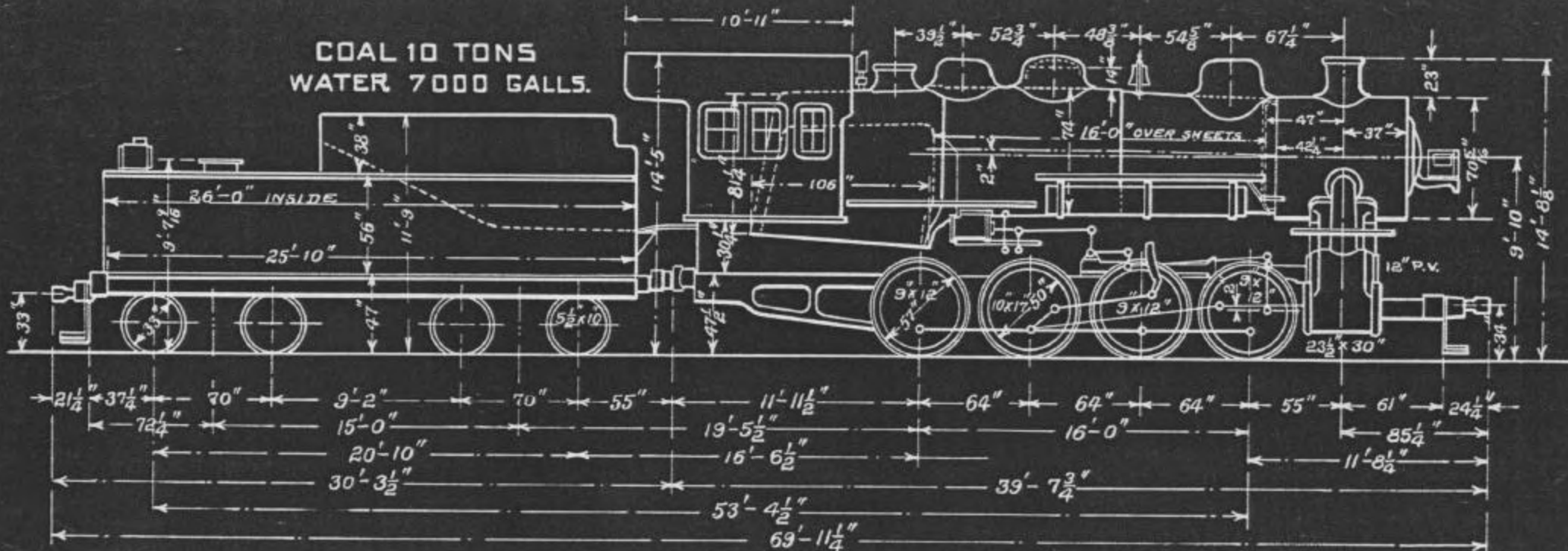
REGARDING DIMENSIONS IN PAIRS SEE NOTE NO. 1. ON DESCIP. PAGE.

11" P.V. TRAVEL  $5\frac{3}{4}$ " LAP,  $\frac{3}{16}$ " LEAD, EXH. LINE & LINE.

T



COAL 10 TONS  
WATER 7000 GALLS.



12" P.V. 6" TRAVEL, 1" LAP, 1/16" LEAD, EXH. L. & L.

REV 5-20-26 9-9-27

U-3A ORDER-226	NO. OF ENGINE		DATE BUILT	BUILDER	SPECIAL EQUIPT. SEE PAGE 9	LE&W.DIST. OLD ENG. NO.
	R.ROAD	BLDRS.				
WEIGHT ON DRIVERS — 218 775 LBS.	205	5903	1920	LIMA.	S.F.E. R.REV. AT.	4250
WT. ON ENG. TRUCK - NONE	206	5904	1920	LIMA.	S.F.E. R.REV. AT.	4251
WT. ON TRAILER TRUCK - NONE	207	5905	1920	LIMA.	S.F.E. L.REV. AT.	4252
WT. TOTAL ENGINE — 218 775 LBS.						
WT. TENDER-LOADED — 154 000 LBS.						
WT. TENDER LIGHT — 66 300 LBS.						
HEATG. SURF. TUBES & FLUES 2569 SQ. FT.	NOTE-1.					
HEATG. SURF. FIREBOX * 208 SQ. FT.	NOTE-2.					
HEATG. SURF. TOTAL 2777 SQ. FT.						
HEATG. SURF. SUPERHEATER 662 SQ. FT.						
TUBES- 2"-230. FLUES- 5½"- 36.						
FIREBOX LENGTH — 102⅛"						
FIREBOX WIDTH — 66¼"						
GRATE AREA — 47 SQ. FT.						
STEAM PRESSURE — 175 LBS.						
RATING OF ENG. — 51%						
KIND OF MAIN VALVE - 14" PISTON						
VALVE GEAR — BAKER						
TRACTIVE POWER — 51 000 LBS.						

NOTE-1  
HEATING SURF. 2" TUBES = 1796.3  
SQ. FT., 5½" FLUES = 773.2 SQ. FT.  
TOTAL FOR TUBES & FLUES-2569.5  
SQ. FT.

NOTE-2 U3A ENGS. HAVE 3 ARCH TUBES  
WHILE U3B & U3C HAVE 4 ARCH TUBES.  
THE HEATG. SURF. OF THE EXTRA TUBE  
= 6 SQ. FT. ACCOUNTING FOR THE DIFF.  
OF 208 SQ. FT. AND 214 SQ. FT. IN CLASSES  
U3A, U3B AND U3C ENGS. 9-29-28.

BOILER NO. IS SAME AS BLDRS. ENG. NO.

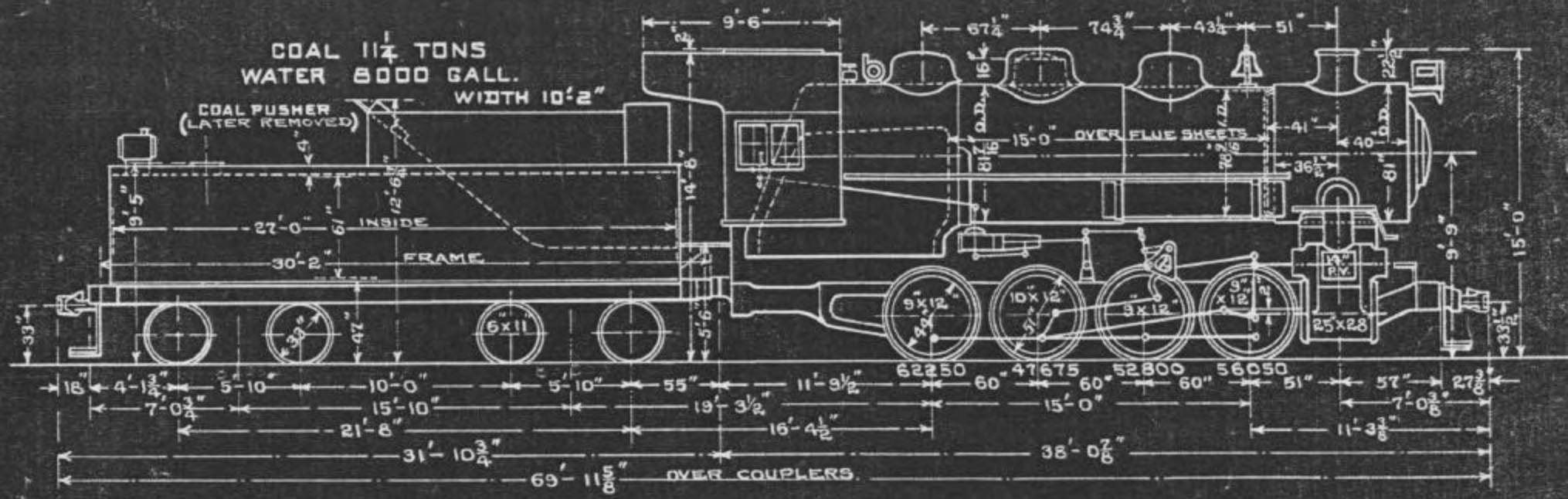
3 ENGS.

\* INCLUDING ARCH TUBES, 3 ARCH TUBES.

9-29 6-13 9-9 4-24  
28 28 27 24 REV

DESIGNED FOR 19° CURVE BY BUILDER.

72



14" P.V., 6¾" TRAVEL, 1" LAP, 1/8" LEAD, EXH. L.&L.

U-3A

REV	4/24	8-9	8-26	9-9
	'24	'24	'25	'27

U-3B RR. LOT-211. ORDER 1067	NO. OF ENGINE		DATE BUILT	BUILDER	SPECIAL EQUIPT. PAGE 9
	R. ROAD	BLDRS.			
WEIGHT ON DRIVERS - 216500 LBS.	210	6863	6-'24	LIMA	S.F.D.R.REV. AT. W. E.
WEIGHT ON ENG. TRUCK - NONE	211	6864	6-'24	LIMA	S.F.D.R.REV. AT. W. E.
WEIGHT-TOTAL ENGINE - 216500 LBS.	212	6865	6-'24	LIMA	S.F.D.R.REV. AT. W. E.
WEIGHT TENDER LOADED - 167000 LBS.	213	6866	6-'24	LIMA	S.F.D.R.REV. AT. W. E.
WEIGHT TENDER LIGHT - 68300 LBS.	214	6867	6-'24	LIMA	S.F.D.R.REV. AT. W. E.
HEATG. SURF. TUBES & FLUES - 2569 SQ. FT.	215	6868	6-'24	LIMA	S.F.D.R.REV. AT. W.
HEATG. SURF. FIREBOX - * 214 SQ. FT.	216	6869	6-'24	LIMA	S.F.D.R.REV. AT. W.
HEATG. SURF. TOTAL - 2783 SQ. FT.	217	6870	6-'24	LIMA	S.F.D.R.REV. AT. W.
HEATG. SURF. SUPERHEATER - 662 SQ. FT.	218	6871	6-'24	LIMA	S.F.D.R.REV. AT. W.
TUBES NO. 230-2" - FLUES NO. 36-5 1/2"	219	6872	6-'24	LIMA	S.F.D.R.REV. AT. W.
FIREBOX LENGTH - 102 1/8"					
FIREBOX WIDTH - 66 1/4"					
GRATE AREA - 47 SQ. FT.					
STEAM PRESSURE - 175 LBS.					
RATING OF ENGINE - 51%					
KIND OF MAIN VALVE - 14" PISTON					
VALVE GEAR - BAKER					
TRACTIVE POWER - 51000 LBS.					

NOTE-1  
HEATING SURFACE 2" TUBES  
1796.3 SQ. FT., 5 1/2" FLUES  
773.2 SQ. FT. TOTAL FOR  
TUBES & FLUES - 2569.5 SQ. FT.

BOILER NO. IS SAME AS BLDRS. ENGR.

10 ENGS.

\* INCLUDING ARCH TUBES - 4 TUBES.

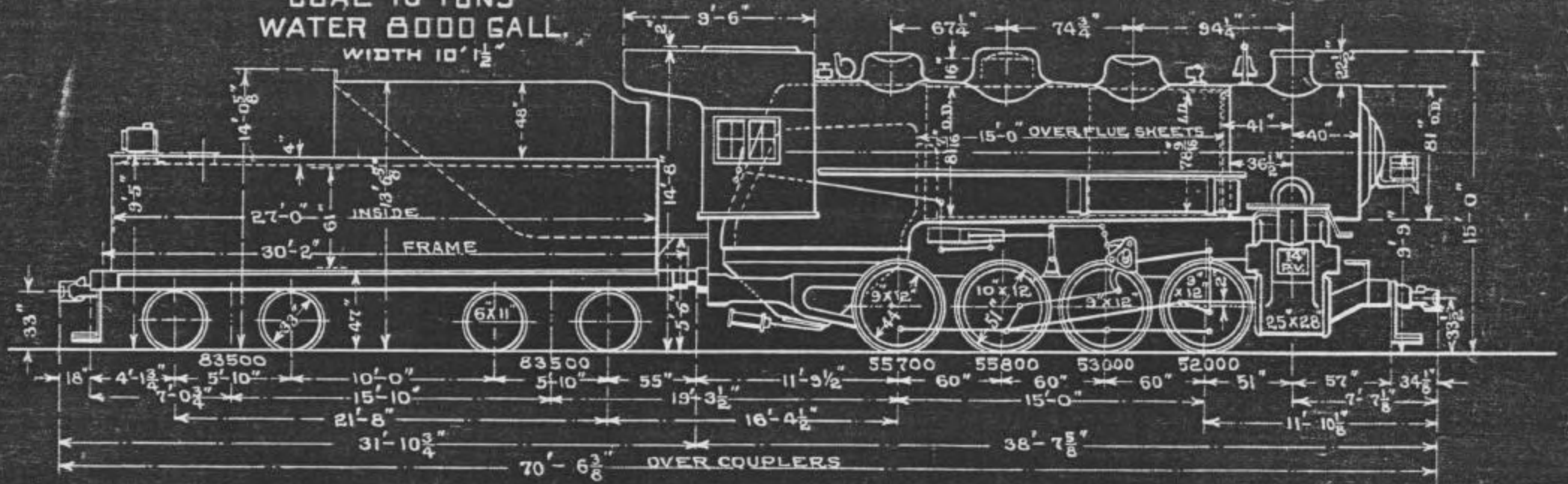
6-13-29	4	3-13	6-10-29	REV
20	21	25	24	24



DESIGNED BY BLDRS. FOR 13° CURVE.

73

COAL 16 TONS  
 WATER 8000 GALL.  
 WIDTH 10' 1 1/2"



14" P.V., 6 3/4" TRAVEL, 1" LAP, 1/8" LEAD. EXH. L.&L.

U3B

REV.	4-24-10	7-5	7-18-1	9-9
	24	24	24	27

U-3C

R.R. LOT 212.

ORDER-1078

NO. OF ENGINE  
R. ROAD BLDRS.DATE  
BUILT

BUILDER

SPECIAL EQUIPT.-PAGE 9.

WEIGHT ON DRIVERS - 221 000 LBS.	220	6938	6-'25.	LIMA	S.F.O.R.REV. AT.W.E.
WEIGHT ON ENG. TRUCK - NONE	221	6939	6-'25.	LIMA	S.F.O.R.REV. AT.W.E. □
WEIGHT-TOTAL ENGINE - 221 000 LBS.	222	6940	6-'25.	LIMA	S.F.O.R.REV. AT.W.E.
WEIGHT-TENDER LOADED - 167 000 LBS.	223	6941	6-'25.	LIMA	S.F.O.R.REV. AT.W.E.
WEIGHT TENDER LIGHT - 68 300 LBS.	224	6942	6-'25.	LIMA	S.F.O.R.REV. AT.W.
HEATG. SURF. TUBES & FLUES - 2569 SQ. FT.	225	6943	6-'25.	LIMA	S.F.O.R.REV. AT.W.E.
HEATG. SURF. FIREBOX - * 214 SQ. FT.	226	6944	6-'25.	LIMA	S.F.O.R.REV. AT.W.E.
HEATG. SURF. TOTAL - 2783 SQ. FT.	227	6945	6-'25.	LIMA	S.F.O.R.REV. AT.W.E. □
HEATG. SURF. SUPERHEATER - 662 SQ. FT.	228	6946	6-'25.	LIMA	S.F.O.R.REV. AT.W.
TUBES NO. 230-2", FLUES NO. 36-5 1/2"	229	6947	6-'25.	LIMA	S.F.O.R.REV. AT.W.
FIREBOX LENGTH - 102 1/8"					
FIREBOX WIDTH - 66 1/4"					
GRATE AREA - 47 SQ. FT.					
STEAM PRESSURE - 175 LBS.					
RATING OF ENGINE - 51%					
KIND OF MAIN VALVE - 14 PISTON					
VALVE GEAR - BAKER.					
TRACTIVE POWER - 51 000 LBS.					

NOTE-1  
HEATING SURF. 2" TUBES  
1796.3 SQ. FT., 5 1/2" TUBES  
773.2 SQ. FT., TOTAL FOR  
TUBES & FLUES=2569.5 SQ. FT.

BOILER NO. IS SAME AS BLDRS. ENGRS.

10 ENGS.

SAME AS C & O. ENGS. 100-109  
CLASS C-15. ORDER 1078.

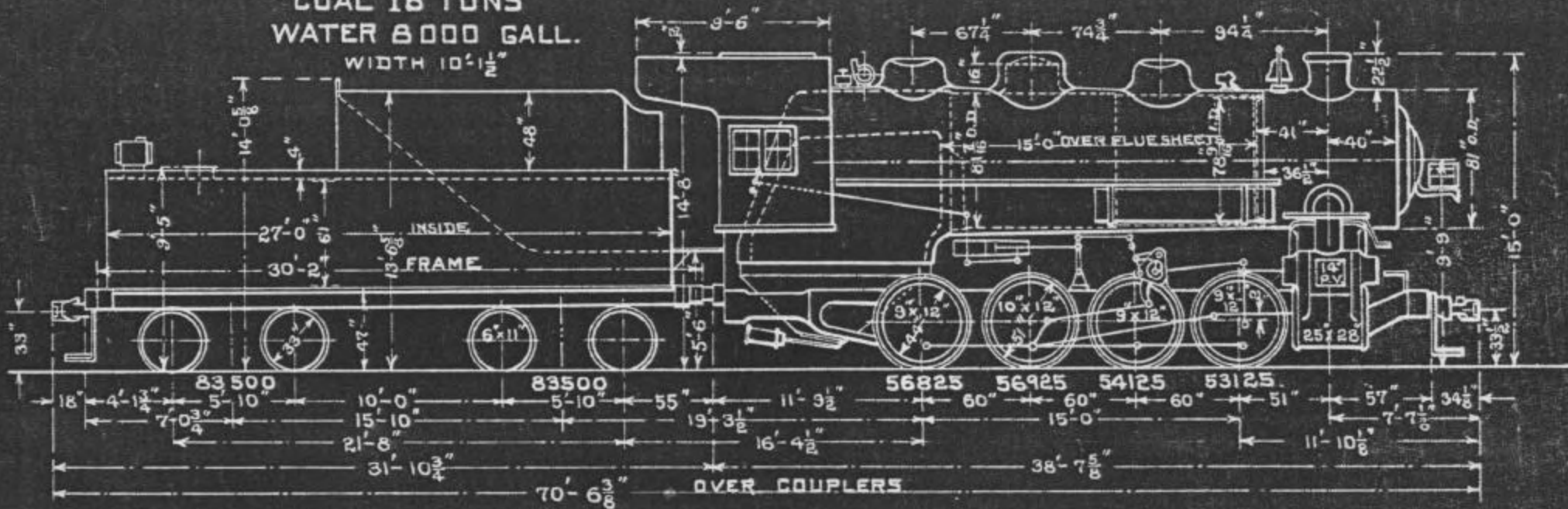
\* INCLUDING ARCH TUBES - 4 TUBES.

4-15 6-13 9-9 4-25  
'30. '28. '27. '27. REV

DESIGNED BY BLDRS. FOR 13° CURVE.

74

COAL 16 TONS  
 WATER 8000 GALL.  
 WIDTH 10'-1 1/2"



14" P.V., 5 3/4" TRAVEL, 1" LAP, 1/8" LEAD, EXH. L.&L.

U3C

REV.	10-16	9-9
	KB	27

(75)

## LOCOMOTIVE NUMBERS - OLD &amp; NEW

OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW
		4261	28	55	55	4277	82	118	118	164	164	220	220	330	330
<del>6</del>	<del>2</del>			56	56			119	119	165	165	221	221	331	331
<del>8</del>	<del>3</del>	<del>4263</del>	<del>30</del>	57	57			120	120	166	166	222	222	332	332
<del>11</del>	<del>4</del>			58	58	94	94	121	121	167	167	223	223	334	334
		4365	32	59	59	95	95	122	122	168	168	224	224		
<del>13</del>	<del>6</del>	<del>4366</del>	<del>33</del>	60	60	96	96	123	123	169	169	225	225	337	337
		4367	34	61	61	97	97	124	124			226	226	<del>338</del>	<del>338</del>
<del>20</del>	<del>8</del>	4368	35	62	62	98	98	125	125	200	200	227	227		
<del>21</del>	<del>9</del>	4369	36	63	63	99	99	126	126	201	201	228	228	<del>341</del>	<del>341</del>
<del>22</del>	<del>10</del>			64	64	100	100	<del>127</del>	<del>127</del>	202	202	229	229	<del>344</del>	<del>344</del>
		<del>4371</del>	<del>38</del>	65	65	101	101	128	128	203	203			347	347
		4372	39	66	66	102	102			204	204	<del>4248</del>	<del>301</del>		
<del>26</del>	<del>13</del>	4373	40	67	67	103	103			4250	205	<del>4155</del>	<del>304</del>	<del>350</del>	<del>350</del>
<del>28</del>	<del>14</del>	4374	41	68	68	<del>104</del>	<del>104</del>	150	150	4251	206	<del>315</del>	<del>315</del>	<del>351</del>	<del>351</del>
		4377	42	69	69	105	105	151	151	4252	207	318	318		
		4384	43	70	70	106	106	152	152			319	319	<del>353</del>	<del>353</del>
		4390	44	71	71	107	107	153	153			320	320		
		4392	45	72	72	108	108	154	154	210	210	324	324	<del>355</del>	<del>355</del>
<del>33</del>	<del>19</del>	4393	46	73	73	109	109	155	155	211	211	326	326		
36	20			74	74	110	110	156	156	212	212			<del>357</del>	<del>357</del>
				75	75	111	111	157	157	213	213			<del>358</del>	<del>358</del>
<del>41</del>	<del>22</del>			76	76	112	112	158	158	214	214			359	359
		50	50	77	77	113	113			215	215			360	360
		51	51	78	78	114	114	160	160	216	216			361	361
		52	52	79	79	115	115	161	161	217	217			362	362
		53	53	4275	80	116	116	162	162	218	218			363	363
		54	54	4276	81	117	117	163	163	219	219			364	364

2-26 9-19 4-10 7-17 9-9 8-22 2-23 4-1 11 11 10 9-2 4-13 3-2 4-24  
1931 29 29 28 27 27 27 26 30 15 27 25 25 25 24 REV

— LOCOMOTIVE NUMBERS — OLD & NEW —

(76)

OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW
365	365		399	443	443	470	470	5397	497	524	524	601 TO	671		
366	366	5501	400	444	444	471	471	5398	498	525	525	NO CHANGE.			
		5502	401	445	445	472	472	5399	499	526	526				
5515	375	5503	402	446	446	473	473	500	500	527	527				
5516	376	5505	403	447	447	474	474	501	501	528	528				
5517	377	5506	404	448	448	5605	475	502	502	529	529				
5518	378	5509	405	449	449	5606	476	503	503	530	530				
5520	379	5510	406	450	450	5607	477	504	504	531	531				
5521	380	5511	407	451	451	5608	478	505	505	532	532				
5522	381	5513	408	452	452	5609	479	506	506	533	533				
5523	382	5514	409	453	453	5610	480	507	507	534	534				
5524	383			454	454	5611	481	508	508						
5525	384			455	455	5612	482	509	509	5540	586				
5526	385			456	456	5613	483	510	510	5541	587				
5527	386	430	430	457	457	5614	484	511	511	5542	588				
5528	387	431	431	458	458	5385	485	512	512	5543	589				
5529	388	432	432	459	459	5386	486	513	513	5544	590				
5530	389	433	433	<del>460</del>	<del>460</del>	5387	487	514	514	5545	591				
5531	390	434	434	461	461	5388	488	515	515	5546	592				
5532	391	435	435	<del>462</del>	<del>462</del>	5389	489	516	516	5547	593				
5533	392	436	436	463	463	5390	490	517	517	5548	594				
		437	437	464	464	5391	491	518	518	5549	595				
5535	394	438	438	465	465	5392	492	519	519	5550	596				
5536	395	<del>439</del>	<del>439</del>	466	466	5393	493	520	520	5551	597				
5537	396	440	440	467	467	5394	494	521	521	5552	598				
5538	397	441	441	468	468	5395	495	522	522	5553	599				
5539	398	442	442	469	469	5396	496	523	523	5554	600				

REV 4-24-24 3-22-27 3-19-29 2-26-31

G. L. AYERS

LOCOMOTIVE NUMBERS — OLD & NEW — CLOVER LEAF DISTRICT.

(77)

OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW
5	705			150	850	177	877	201	901						
6	706	<del>110</del>	<del>810</del>	151	851	178	878	202	902						
7	707	<del>111</del>	<del>811</del>	<del>152</del>	<del>852</del>	179	879	203	903						
8	708			153	853	180	880	204	904						
9	709			<del>154</del>	<del>854</del>	181	881	205	905						
10	710			155	855	182	882	206	906						
11	711			<del>156</del>	<del>856</del>	183	883	207	907						
12	712	120	820	<del>157</del>	<del>857</del>	184	884	208	908						
		121	821	158	858	185	885	209	909						
		122	822	<del>159</del>	<del>859</del>	186	886	210	910						
		123	823	160	860	187	887	211	911						
16	716	124	824	161	861	188	888	212	912						
17	717	125	825	162	862	189	889								
18	718	126	826	163	863	190	890	214	914						
		127	827	164	864	191	891	215	915						
				165	865	192	892	216	916						
				166	866	193	893								
		<del>130</del>	<del>830</del>	167	867	194	894								
		<del>131</del>	<del>831</del>	168	868										
		<del>132</del>	<del>832</del>	169	869										
<del>43</del>	<del>743</del>	133	833	170	870										
44	744	134	834	171	871										
45	745	135	835	172	872										
		136	836	173	873										
				174	874										
				175	875										
				176	876										

REV. 9-9-'27 10-10-'28 4-10-'29 4-10-'29 9-19-'29 2-26-'31

## LOCOMOTIVE RETIREMENTS

(79)

ENG. NO.	CLASS	DATE	DISPOSITION	ENG. NO.	CLASS	DATE	DISPOSITION	ENG. NO.	CLASS	DATE	DISPOSITION
349	P2	5-10-20	SOLD-D.B.C.&W.R.R.	276	I	12-20	DISMANTLED	7	M	9-23	DISMANTLED
346	P2	5-10-20	" " "	277	I	12-20	"	9	M	9-23	"
304	P	6-20	SOLD-A.C.&Y.R.R.	281	J	12-20	"	37	M	9-23	SOLD-SOUTH. IRON & EQP. CO.
312	P	6-20	" " "	290	K	12-20	"	38	M	9-23	" " " " "
309	P	8-20	" " "	291	K	12-20	"	120	O	9-23	DISMANTLED
310	P	8-20	" " "	292	K	12-20	"	316	P1	9-23	"
313	P	8-20	SOLD-A.C.&Y.R.R.	295	K	12-20	"	317	P1	9-23	"
49	M	8-20	SOLD-D.B.C.&W.R.R.	296	K	12-20	"	321	P1	9-19-23	"
251	F	11-5-20	DISMANTLED	297	K	12-20	"	322	P1	10-23	"
252	F	11-5-20	"	298	K	12-20	"	323	P1	10-23	"
254	F	11-5-20	"	299	K	12-20	"	122	O	10-23	"
2	L	12-20	"	283	J	12-20	"	335	P2	10-23	"
3	L	12-20	"	340	P2	12-20	SOLD-D.B.C.&W.R.R. 1920	121	O	11-23	"
111	C	12-20	"	302	P	6-9-22	DISMANTLED	46	M	11-23	SOLD TO SOUTHERN IRON AND EQUIPT. CO.
117	CI	12-20	"	306	P	6-9-22	"	48	M	11-23	" " " "
124	O	12-20	"	311	P	6-9-22	"	333	P1	11-23	DISMANTLED
125	O	12-20	"	34	M	6-17-22	"	25	M	11-23	"
272	I	12-20	"	10	M	6-19-22	"	342	P2	1-1924	"
274	I	12-20	"	14	M	6-19-22	"	343	P2	"	"
275	I	12-20	"	314	E42	6-22	"	345	P2	"	"

REV. 3-2-27 9-9-27

— LOCOMOTIVE RETIREMENTS —

(BDA)

ENG. NO.	CLASS	DATE	DISPOSITION	ENG. NO.	CLASS	DATE	DISPOSITION	ENG. NO.	CLASS	DATE	DISPOSITION
6,9,13	M	12-1930	DISMANTLED								
14,22	M	"	"								
30	B-40	"	"								
104	B-9-A	"	"								
127	B-9-B	"	"								
315	P-1	"	"								
460	T	"	"								
832	G-2	"	"								
852,854	P-6	"	"								
856,857	P-6	"	"								
859	P-6	"	"								
833	G-2	4-1931	"								
834 835	G-3	"	"								
853 858	P-6	"	"								

REV. 2-27-'31 5-13-'31

RLA. 2-27-31.



## ENGINES EQUIPPED WITH AUTOMATIC TRAIN CONTROL

81

RECAPITULATION		CLASS	ENG.	DATE	CLASS	ENG.	DATE	CLASS	ENG.	DATE	CLASS	ENG.	DATE	CLASS	ENG.	DATE
CLASS	NO. EQUIP'D.	R	154	6-29-26	G16V	493	3-1-28	H6D	623	6-3-26	P1	326	4-23-29			
		R	157	4-15-27	G16W	498	8-31-28	H6D	626	6-24-26						
R	2	K1A	160	6-27-26	H5A	506	5-29-26	H6D	627	6-6-26						
K1A K1B	10	K1A	161	5-29-26	H5A	507	6-23-26	H6D	630	6-19-26						
L1A	4	K1A	162	6-13-26	H5A	509	6-28-26	H6E	647	6-18-26						
N2 N6	2	K1A	163	6-17-26	H5B	511	6-21-26	H6E	648	2-16-26						
T	2	K1B	164	7-13-26	H5B	512	6-24-26	H6E	649	6-4-26						
G16V G16W	2	K1B	165	6-29-26	H5B	513	6-26-26	H6E	650	6-20-26						
H5A H5B	6	K1B	166	6-9-26	H5B	514	6-30-26	H6E	651	6-19-26						
H6D-E-A	28	K1B	167	6-29-26	H5B	518	6-22-26	H6E	652	6-12-26						
		K1B	168	6-16-26	H5B	520	6-25-26	H6E	653	6-10-26						
P1	1	K1B	169	6-10-26	H5B	524	6-27-26	H6E	654	6-3-26						
		L1A	170	3-1-27	H5B	527	6-30-26	H6E	655	6-18-26						
		L1A	171	3-1-27	H5B	528	6-7-26	H6E	656	6-11-26						
		L1A	172	3-1-27	H60	586	2-28-27	H6E	657	6-8-26						
		L1A	173	3-1-27	H60	587	6-8-27	H6E	658	5-29-26						
		N2	438	6-1-26	H60	593	11-21-26	H6E	659	5-25-26						
		N3	440	6-1-26	H60	595	2-28-27	H6E	660	6-2-26						
		N4	444	6-16-26	H60	598	1-4-27	H6E	661	6-7-26						
		N5	448	6-21-26	H60	599	12-17-26	H6A	610	6-11-23						
		N6	457	6-17-26	H60	592	9-19-27	H6A	601	6-26-29						
TOTAL	57	N6	458	7-16-26	H6D	619	6-21-26	INST. NO. CAR X-53021		3-8-27						
		T	467	6-18-26	H6D	620	6-30-26									
RLA		T	474	6-13-26	H6D	622	6-11-26									

CORRECT 4-5-1929.

REV 4-4-29 4-25-29 6-12-29 6-27-29