

FORT WORTH & DENVER CITY RY.

WICHITA VALLEY RY.

LOCOMOTIVE DIAGRAMS

PASSENGER EQUIPMENT.

CHILDRESS, TEX.

DYKAL
DINDER

P12
1882

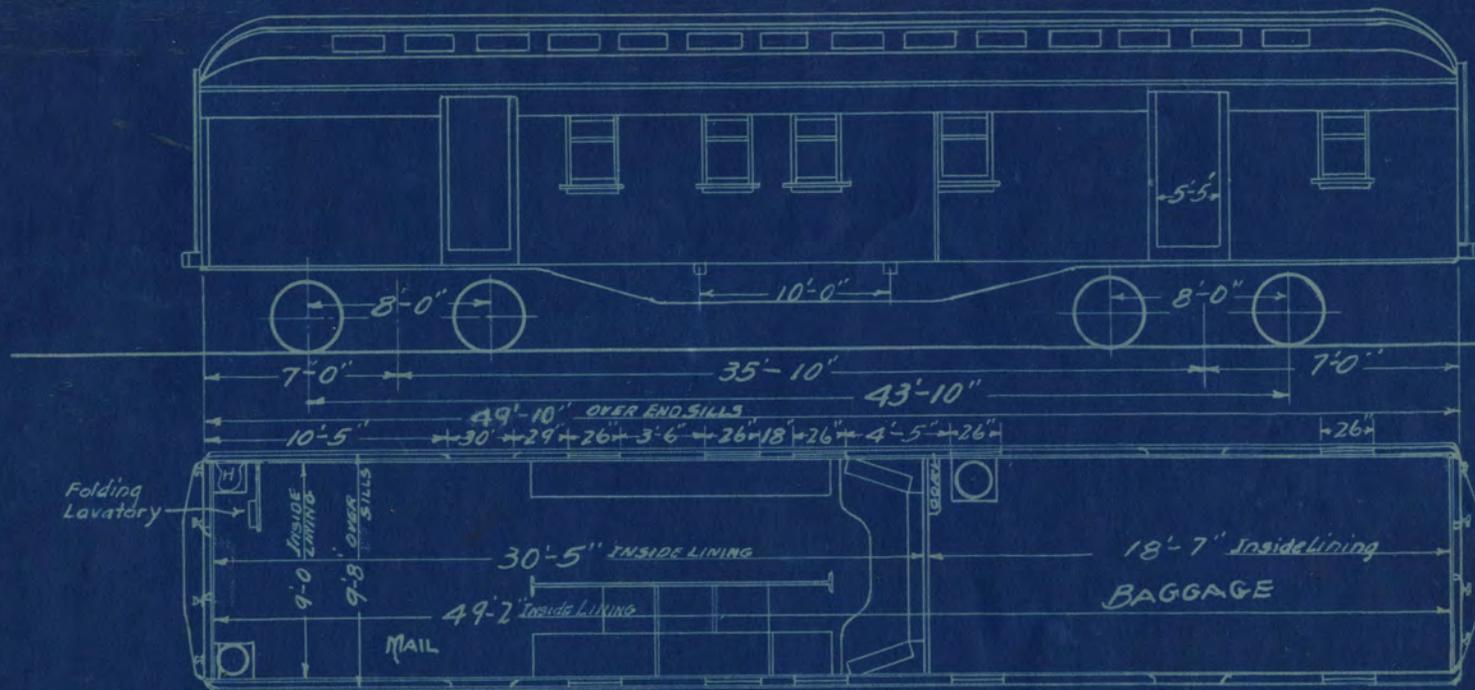


FORT WORTH & DENVER CITY
WHITE VALLEY RAILWAY CO'S.

Diagrams

OF
PASSENGER EQUIPMENT.

Date of issue and revisions on back of cover

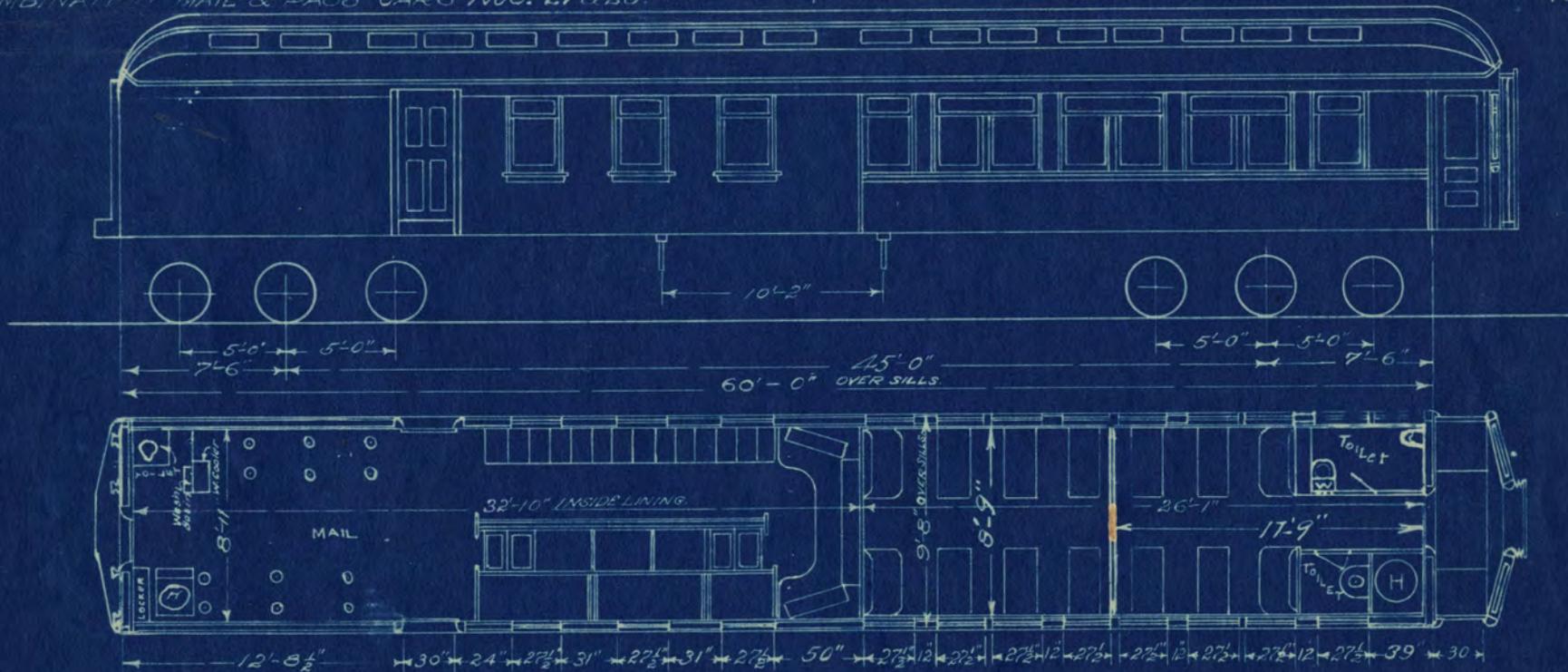


GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	55 Feet.
HEIGHT INSIDE TO TOP OF PANEL	6' 9 ¹ / ₂ "
HEIGHT INSIDE - CLEAR	9' 7 ¹ / ₂ "
HEIGHT OF DECK INSIDE	18 Inches
WIDTH OF DECK INSIDE	5' 3 ¹ / ₂ "
DRAFT RIGGING	MINOR TANGENT
KNUCKLE PIN TO TAIL PIN.	4'-10"
WEIGHT	72000 Pounds

AIRBRAKE	Westinghouse
WHEELS	Cast Iron - 33 Inches
AXLES	M. C. B. 5 X 9
LIGHTS	Pintsch Gas - 2 size 530 Holders
HEATER	Stove ³ / ₈ Steam
COUPLER	SIMPLEX
UNDERFRAME	BETTENDORE STEEL

Revised 2/1/16



GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	63'-2"
HEIGHT INSIDE TO TOP OF PANEL	6'-9 1/2"
HEIGHT INSIDE CLEAR	9'-6"
HEIGHT OF DECK INSIDE	19"
WIDTH OF DECK INSIDE	5'-6"
DRAFT RIGGING	MINER
KNUCKLE PIN TO TAIL PIN	A-5'-B=36"
WEIGHT	27=108400# 8-14-17 28=107000# 12-7-17
REMARKS	Built from Cafe Cars 251 & 252

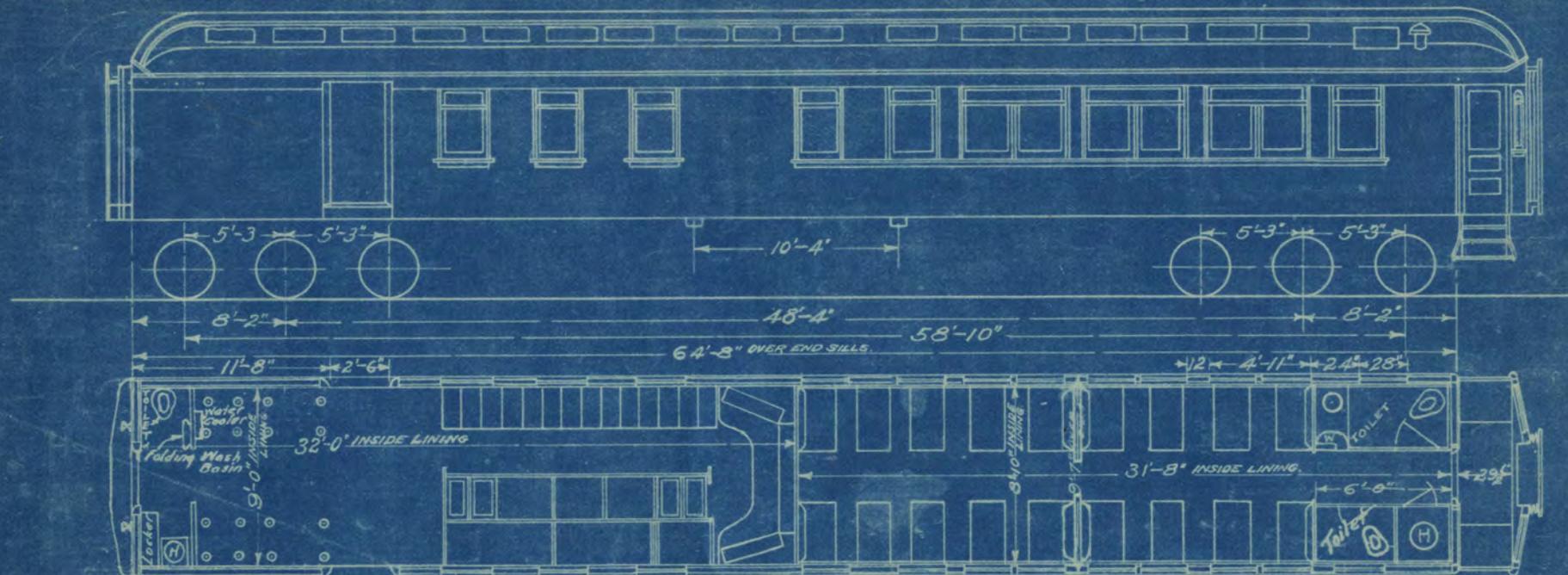
AIRBRAKE	Westinghouse
WHEELS	Steel Tire 33" Diameter.
AXLES	5x9" Journal
LIGHTS	Pintsch Gas 3 No. 580 Holders
HEATER	Mail End-Stove, Pass End-Baker.
SEATS	Hale & Kilburn, Plush.
VESTIBULE	Pullman Wide Type
SEATING CAPACITY	Twenty Eight.



GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	65' 8"
HEIGHT INSIDE TO TOP OF PANEL	6' 8"
HEIGHT INSIDE CLEAR	9' 3"
HEIGHT OF DECK INSIDE	19 inches
WIDTH OF DECK INSIDE	5' 6"
DRAFT RIGGING	Miller
KNUCKLE PIN TO TAIL PIN	5' 3 3/4"
WEIGHT	11000
REMARKS	Built from Cafe Car No. 253.

AIRBRAKE	Westinghouse.
WHEELS	Steel Tire-36" Diameter.
AXLES	5" x 9" Journal.
LIGHTS	Pintsch Gas 1- No. 530 & 2 No. 550 Holders
HEATER	Mail End- Stove & Steam. Pass. End- Baker.
SEATS	Hale & Kilburn- Plush.
VESTIBULE (6 dummy)	Pullman Wide Type
SEATING CAPACITY	Thirty.

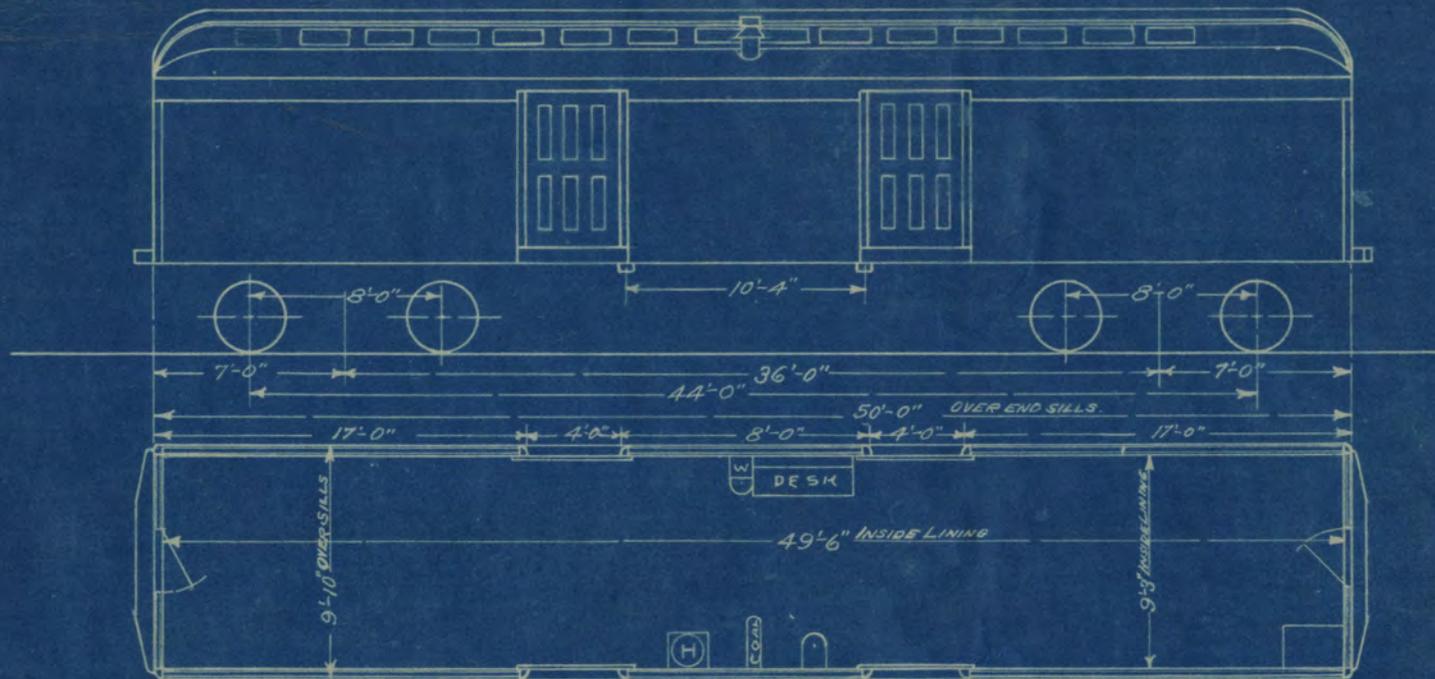


GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	69'-3"
HEIGHT INSIDE TO TOP OF PANEL	6'-9 1/2"
HEIGHT INSIDE - CLEAR	9'-1 1/2"
HEIGHT OF DECK INSIDE	18 Inches
WIDTH OF DECK INSIDE	5'-5 1/2"
DRAFT RIGGING	Minor.
KNUCKLE PIN TO TAIL PIN	5 Feet.
WEIGHT	108500 Pounds

REMARKS: Built from Cafe car No.254 Reinforced as per Government Specifications

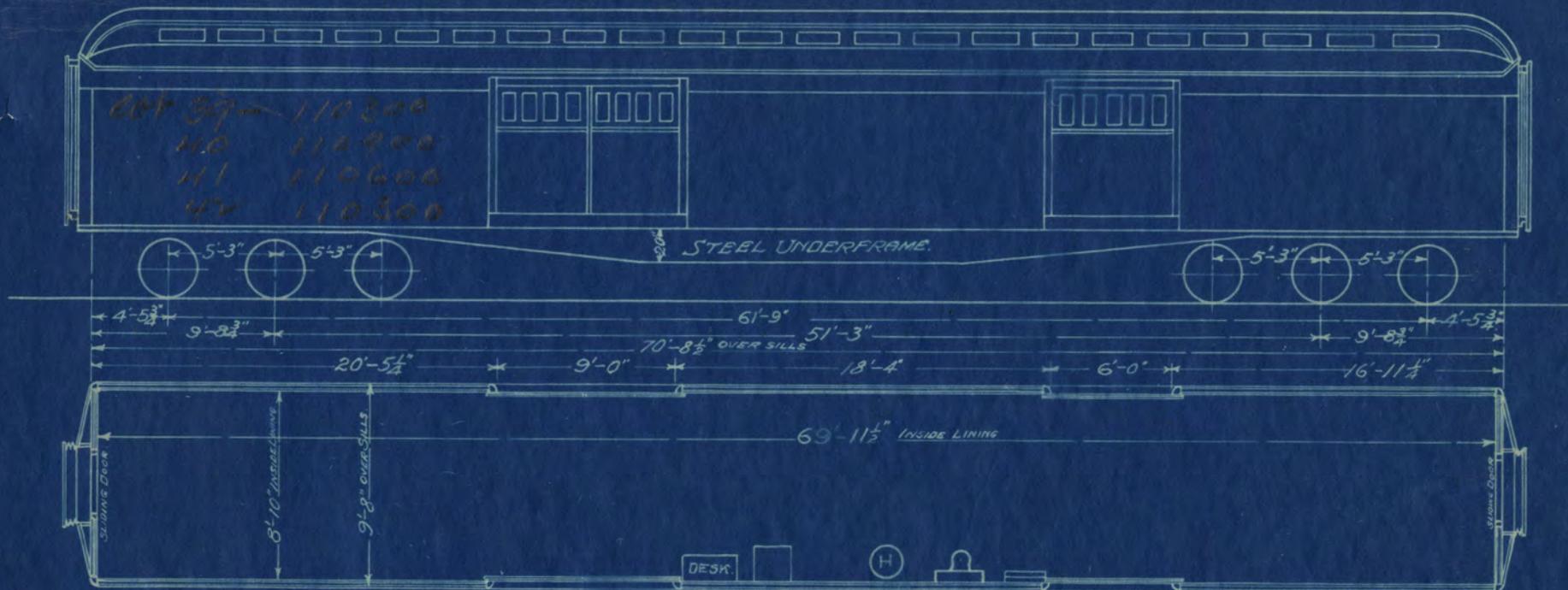
AIRBRAKE	Westinghouse
WHEELS	33" diameter - Steel Tire
AXLES	No.11-1 1/2" x 8 1/2" Brass No.40.
LIGHTS	Pintsch Gas - 3 No.580 Holders.
HEATER	Baker, Stove & Steam.
SEATS	Scarriff - Plush.
VESTIBULE	Pullman-Wide Type
SEATING CAPACITY	Thirty-Six.



GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	52'-8"
HEIGHT INSIDE TO TOP OF PANEL	6'-6"
HEIGHT INSIDE - CLEAR	9'-3"
HEIGHT OF DECK INSIDE	18 inches
WIDTH OF DECK INSIDE	5'-5"
DRAFT RIGGING	Miner Tandem
KNUCKLE PIN TO TAIL PIN	3'-3"
REMARKS	

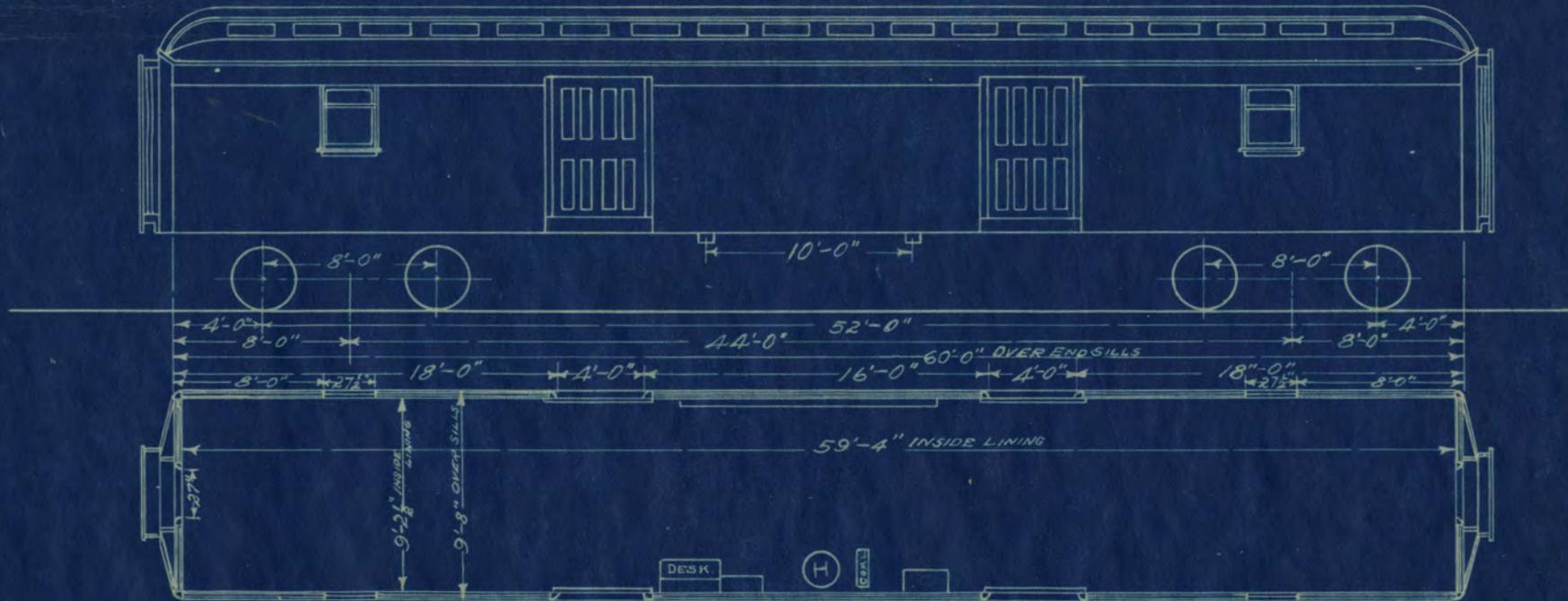
AIRBRAKE	Westinghouse
WHEELS	33" diameter - Cast Iron
AXLES	5" x 9"
LIGHTS	Coal Oil
HEATER	Stove $\frac{3}{4}$ Steam
VESTIBULE	None.
WEIGHT	49550 Pounds.



GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	72'-8"
HEIGHT INSIDE TO TOP OF PANEL	7'-6 1/2"
HEIGHT INSIDE-CLEAR	9'-4 1/2"
HEIGHT OF DECK INSIDE	18 INCHES
WIDTH OF DECK INSIDE	5'-9 1/2"
DRAFT RIGGING	Miner - Chicago Coupler.
KNUCKLE PIN TO TAIL PIN	3'-8"
REMARKS	

AIRBRAKE	Westinghouse
WHEELS	36 Inch Dia. Steel Tire
AXLES	M.C.B. 5" X 9"
LIGHTS	Pintsch Gas - 2 No. 580 Holders
HEATER	Steam Heat & Stove
VESTIBULE	Pullman "Dummy"
WEIGHT	

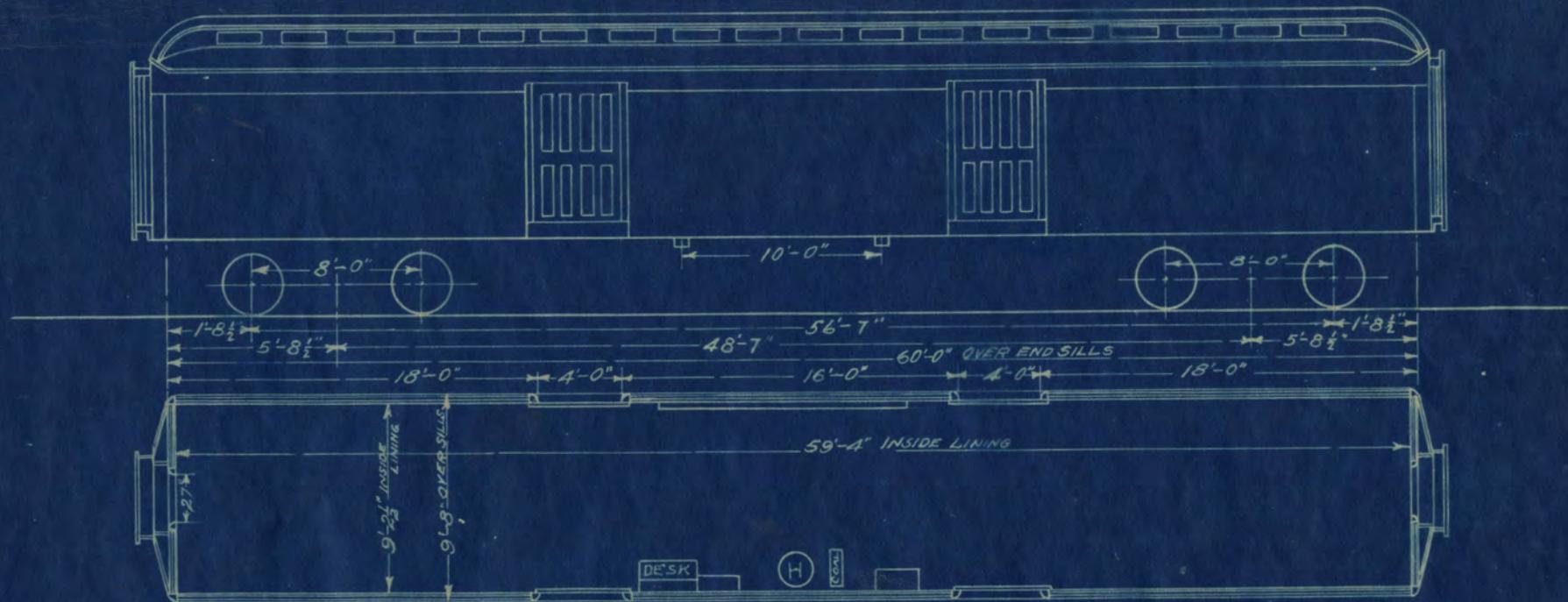


GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	62'-5 1/2"
HEIGHT INSIDE TO TOP OF PANEL	6'-10 1/2"
HEIGHT INSIDE - CLEAR	9'-3 1/2"
HEIGHT OF DECK INSIDE	18 inches
WIDTH OF DECK INSIDE	5'-5 1/2"
DRAFT RIGGING	Minor
KNUCKLE PIN TO TAIL PIN	3'-3 1/2"
REMARKS	

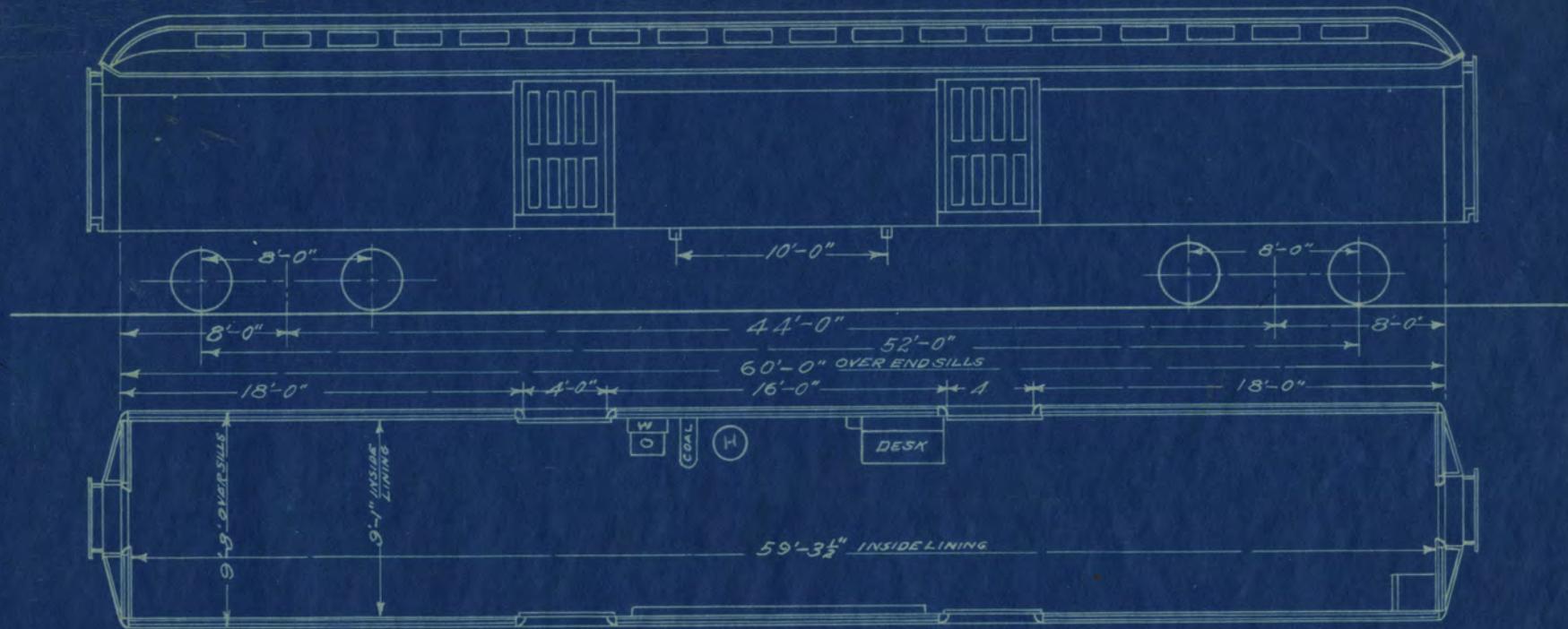
AIRBRAKE	Westinghouse
WHEELS	Steel Tire - 36" diameter
AXLES	M.C.B. 5" X 9"
LIGHTS	Pirntsch Gas-2 size 580 holders.
HEATER	Stove 3/16 Steam.
VESTIBULE	"Dummy" Pullman Wide Type
WEIGHT	704.00 Pounds

Revised - 2/4/15



GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	62ET-5IN	AIRBRAKE	Westinghouse
HEIGHT INSIDE TO TOP OF PANEL	6ET-10IN	WHEELS	Steel Tire-36" diameter
HEIGHT INSIDE - CLEAR	9ET-3IN	AXLES	M.C.B. 5 1/4 X 9 IN.
HEIGHT OF DECK INSIDE	18 inches	LIGHTS	Electric.
WIDTH OF DECK INSIDE	5ET-5IN	HEATER	Stove 3/16 Steam.
DRAFT RIGGING	Miner	VESTIBULE	Pullman Wide Type "Dummy."
KNUCKLE PIN TO TAIL PIN	3ET-3 1/2 IN	WEIGHT	80200 Pounds
REMARKS			

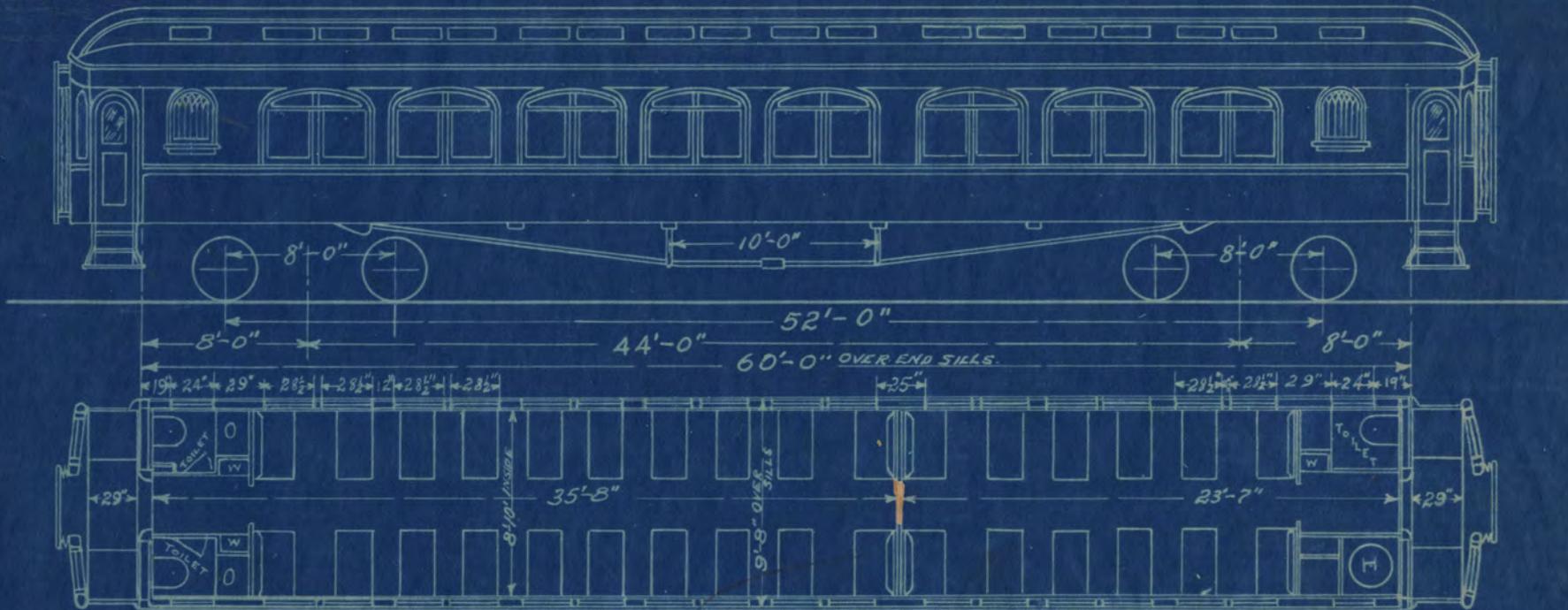


GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	62 FT - 4 IN
HEIGHT INSIDE TO TOP OF PANEL	6 FT - 3 1/2 IN
HEIGHT INSIDE - CLEAR	9 FT - 3 1/4 IN
HEIGHT OF DECK INSIDE	17 1/2 INCHES
WIDTH OF DECK INSIDE	5 FT - 5 1/2 IN
DRAFT RIGGING	Miller.
KNUCKLE PIN TO TAIL PIN	2 FT - 8 1/4 IN
REMARKS	

AIRBRAKE	Westinghouse.
WHEELS	Steel Tire. 36" diam.
AXLES	M.C.B. 5" X 9"
LIGHTS	Pittschi Gas-2 size 580 Holders
HEATER	Safety Steam System and Stove
VESTIBULE	Pullman "Dummy" Type
WEIGHT	89000 Pounds.

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December 1909

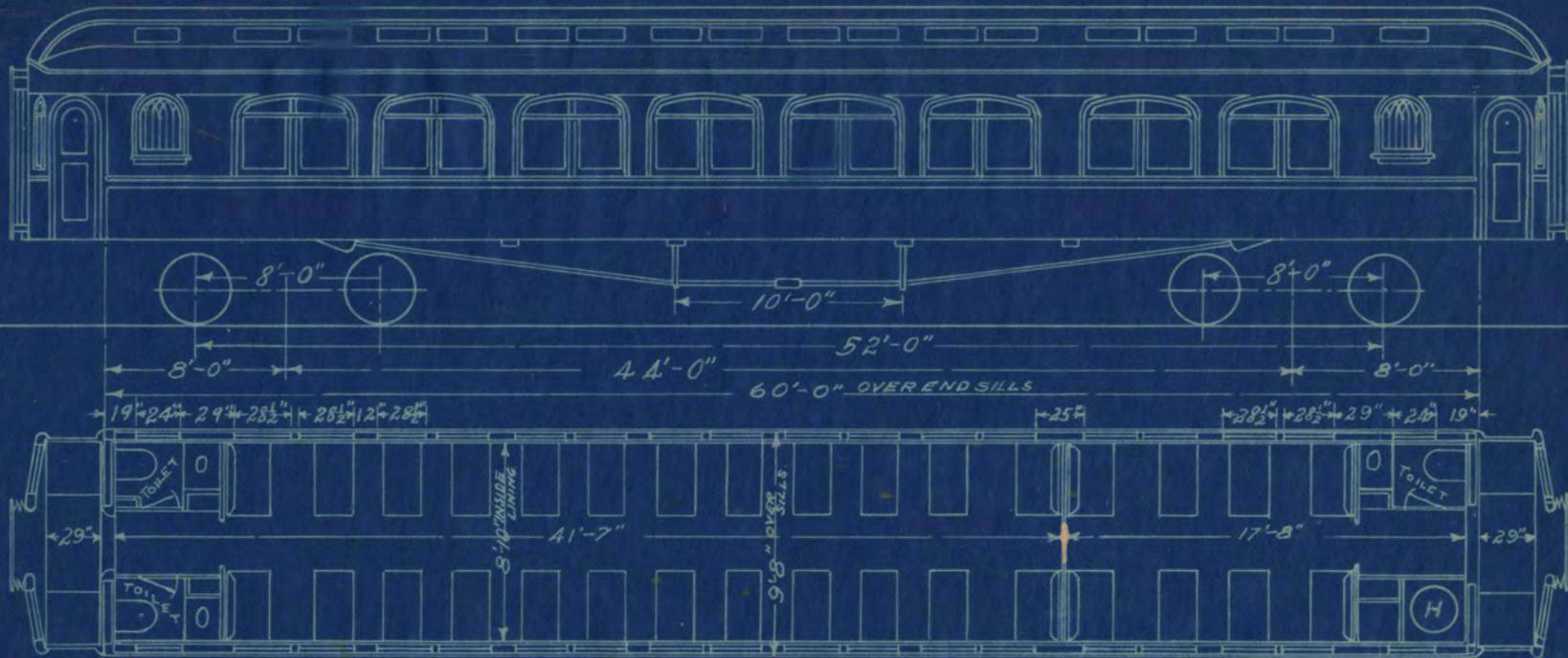


GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	68'-0"
HEIGHT INSIDE TO TOP OF PANEL	6'-10"
" " CLEAR	9'-5 ³ / ₄ "
" " OF DECK INSIDE	18"
WIDTH " " "	5'-4"
DRAFT GEAR - Miner. MCB Coupler	
KNUCKLE PIN TO TAIL PIN	5'-0"
WEIGHT	84250 Pounds
REMARKS	

AIR BRAKE -	WESTINGHOUSE.
WHEELS -	Steel Tire. 36" Dia.
AXLE -	M.C.B. 5" x 9"
LIGHTS -	Pintsch Gas. 2 Holders. Size 580
HEATER -	Baker With Steam Attachment.
SEATS -	Plush Mfgd. by Hale & Kilburn Co.
VESTIBULE	Pullman Wide Type
SEATING CAPACITY	64

60 to 67 No 3322 Pullman Co 1906



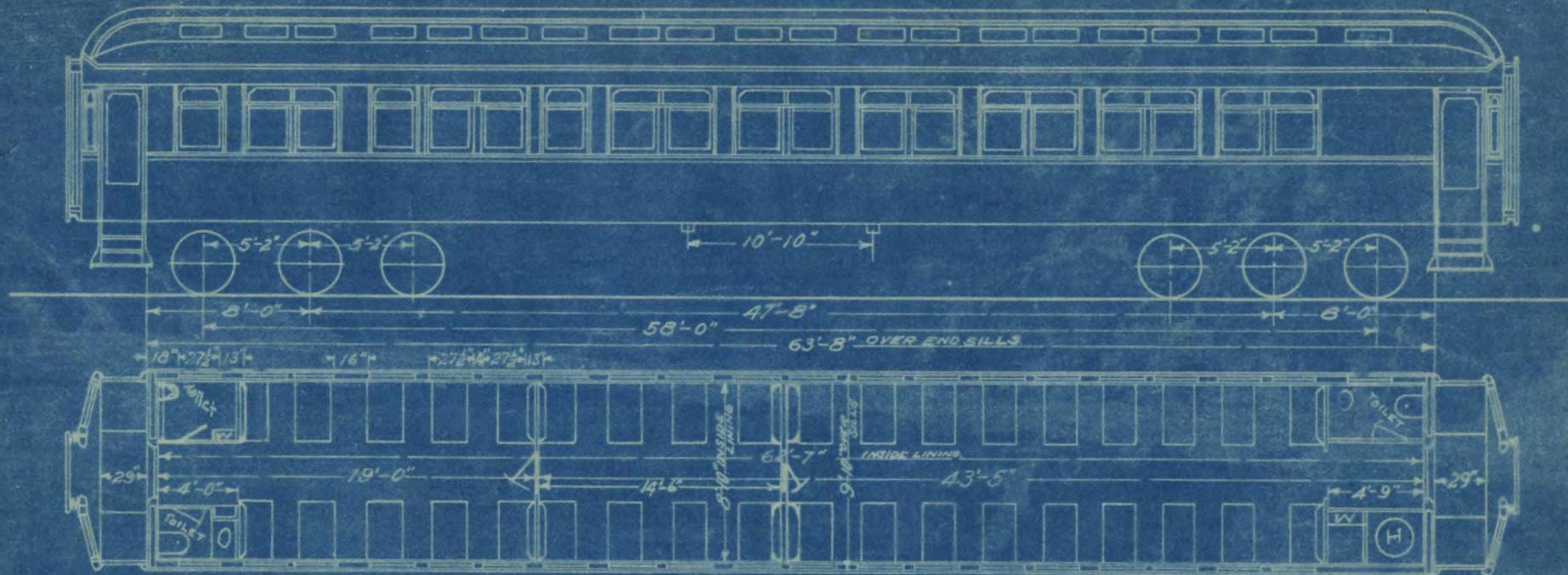
GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	68'-0" ^{IN}
HEIGHT INSIDE TO TOP OF PANEL	6'-10" ^{IN}
HEIGHT INSIDE - CLEAR	9'-5 3/4" ^{IN}
HEIGHT OF DECK INSIDE	18 inches
WIDTH OF DECK INSIDE	5'-4 1/2" ^{IN}
DRAFT RIGGING	Miner - M.C.B. Coupler.
KNUCKLE PIN TO TAIL PIN	5'-0" ^{IN}
WEIGHT	9150 Pounds.

REMARKS:- Coaches 80 & 81 have Pintsch Gas Lights with 3 size 580 holders.

AIRBRAKE	Westinghouse
WHEELS	Steel Tire 36" diameter
AXLES	M.C.B. 5" x 9" IN
LIGHTS	Electric and Oil.
HEATER	Baker with steam attachment.
SEATS	Plush - Hale & Kilburn's.
VESTIBULE	Pullman Wide Type.
SEATING CAPACITY	Sixty-four

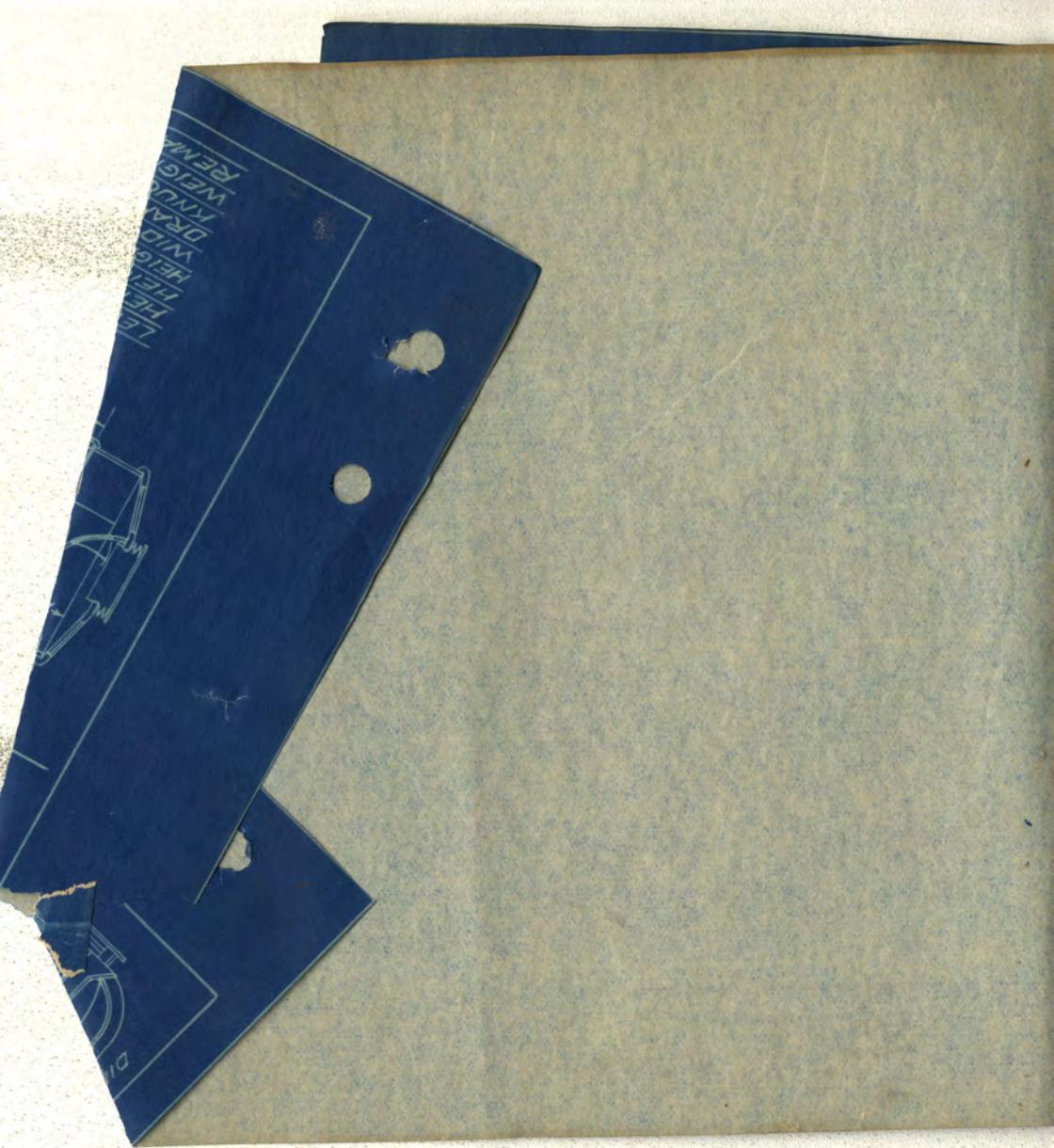
68 to 79 for 3503 lot Pullman Co June 1907
 80 & 81 Am Car & Tdy Co Dec 1910
 Lot 5585

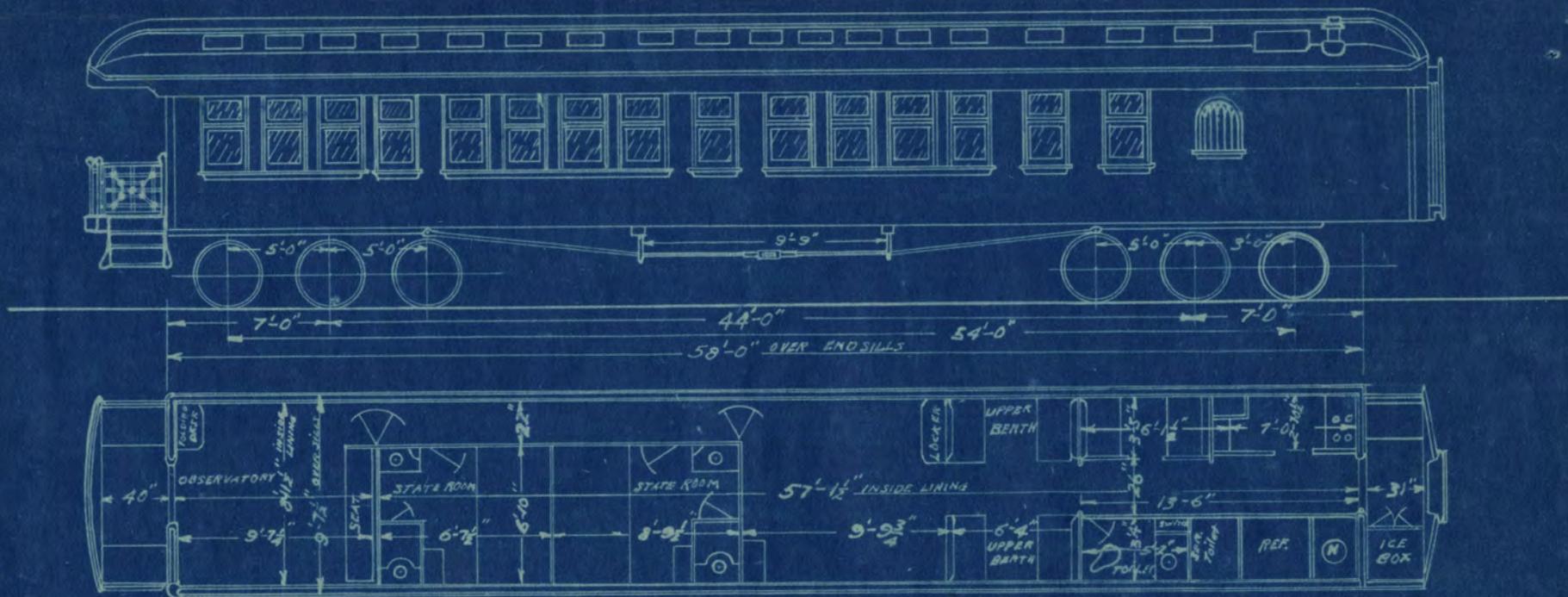


GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	70'-11" IN.
HEIGHT INSIDE TO TOP OF PANEL	6'-10" IN.
HEIGHT INSIDE-CLEAR	3'-6" IN.
HEIGHT OF DECK INSIDE	18½ inches
WIDTH OF DECK INSIDE	5'-6" IN.
DRAFT RIGGING	MINER
KNUCKLE PIN TO TAIL PIN	5'-2" IN.
WEIGHT	88500 Pounds.
REMARKS	

AIRBRAKE	Westinghouse
WHEELS	33" Davis Steel Tire
AXLES	5" x 9"
LIGHTS	Pintsch Gas - 2 size 580 holders.
HEATER	Baker & Steam
SEATS	Wooden Frame - Plush
VESTIBULE	Pullman wide type.
SEATING CAPACITY	72.



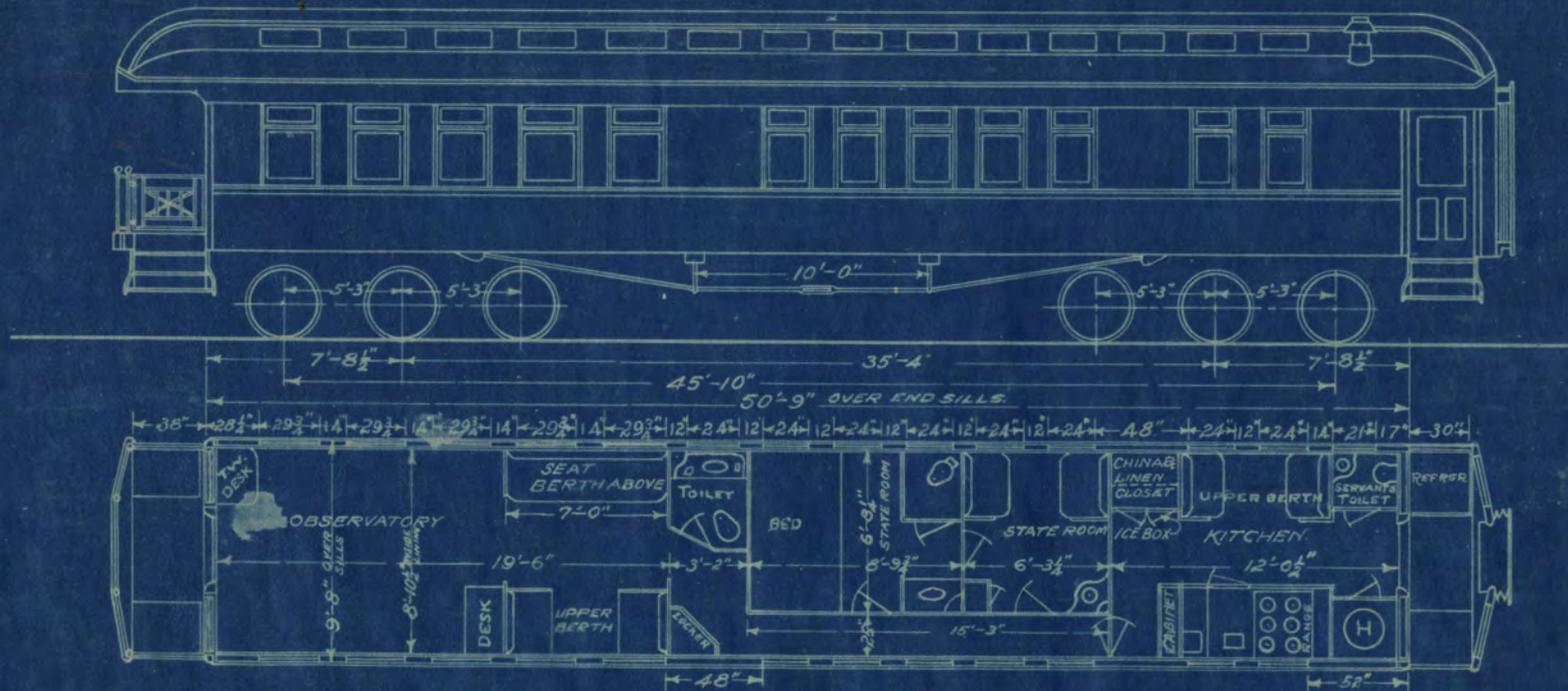


GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	66 FT - 10 TH IN.
HEIGHT INSIDE TO TOP OF PANEL	6 FT - 2 ¹ / ₂ IN.
HEIGHT INSIDE - CLEAR	5 FT - 4 ¹ / ₂ IN.
HEIGHT OF DECK INSIDE	19 INCHES
WIDTH OF DECK INSIDE	4 FT - 10 TH IN.
DRAFT RIGGING	MINOR
NUCKLE PIN TO TAIL PIN - Kitchen end & 11 TH Obs end	5 FT - 5 TH IN.
WEIGHT	12,000 Pounds.
REMARKS	

AIRBRAKE	Westinghouse
WHEELS	Steel Tire 36" Diameter
AXLES	MCB 5" X 9"
LIGHTS	Electric & Pintsch Gas - 1 Size 530 Holder
HEATER	Baker & Steam
SEATS	Wooden Frame - Plush & Chairs
VESTIBULE	Pullman Wide Type & Open Platform
SPEED RECORDER	Boyer

Revised. 4-27-19



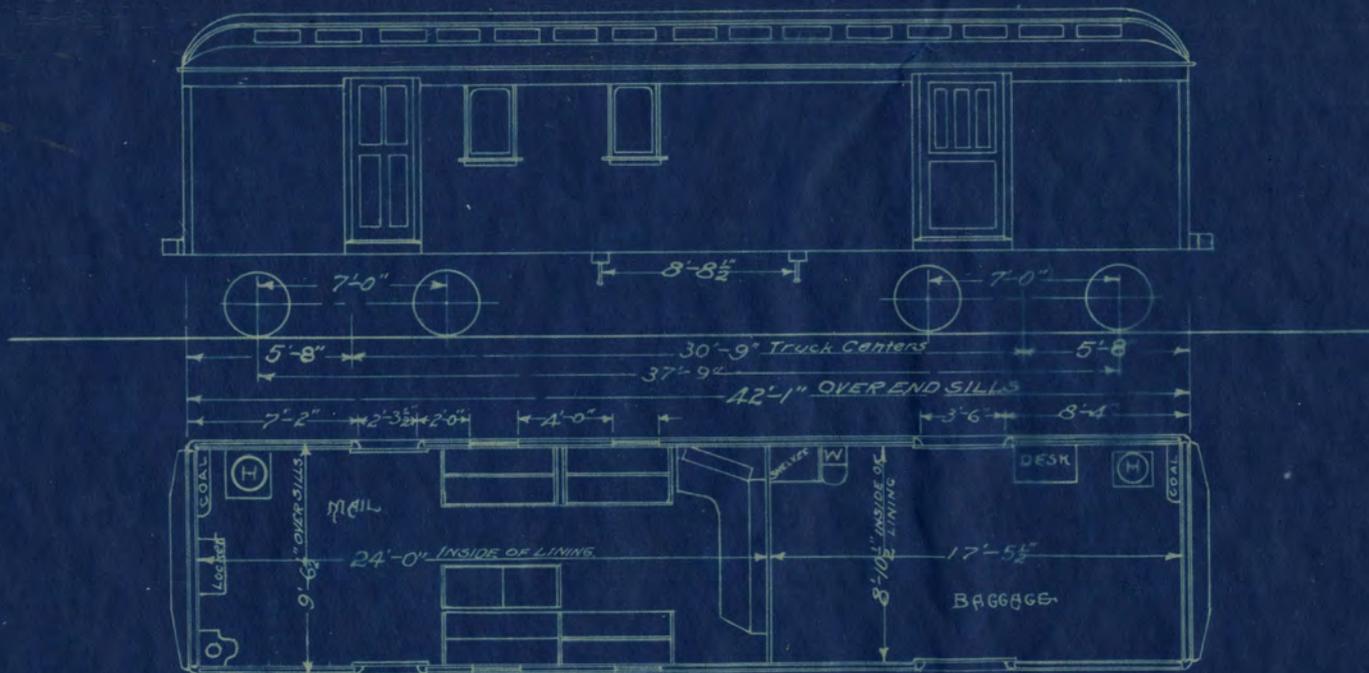
GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	59'-3"
HEIGHT INSIDE TO TOP OF PANEL	6'-7"
HEIGHT INSIDE - CLEAR	9'-4 1/2"
HEIGHT OF DECK INSIDE	18 inches
WIDTH OF DECK INSIDE	4 FT-10"
DRAFT RIGGING	Minor.
KNUCKLE PIN TO TAIL PIN - Kitchen End	5'-3"
Obs. End	5'-10 1/2"
WEIGHT	113000 Pounds
REMARKS	

AIRBRAKE	Westinghouse
WHEELS	Steel Tire 36" Diameter
AXLES	MCB 5" x 9"
LIGHTS (1 Size 580 Gas Holder)	Pintsch Gas & Electric
HEATER	Baker and Steam
SEATS	Wooden Frame - Leather Upholstered
VESTIBULE	Pullman Wide Type & Open Platform
SPEED RECORDER	Boyer

Revised 2/4/15

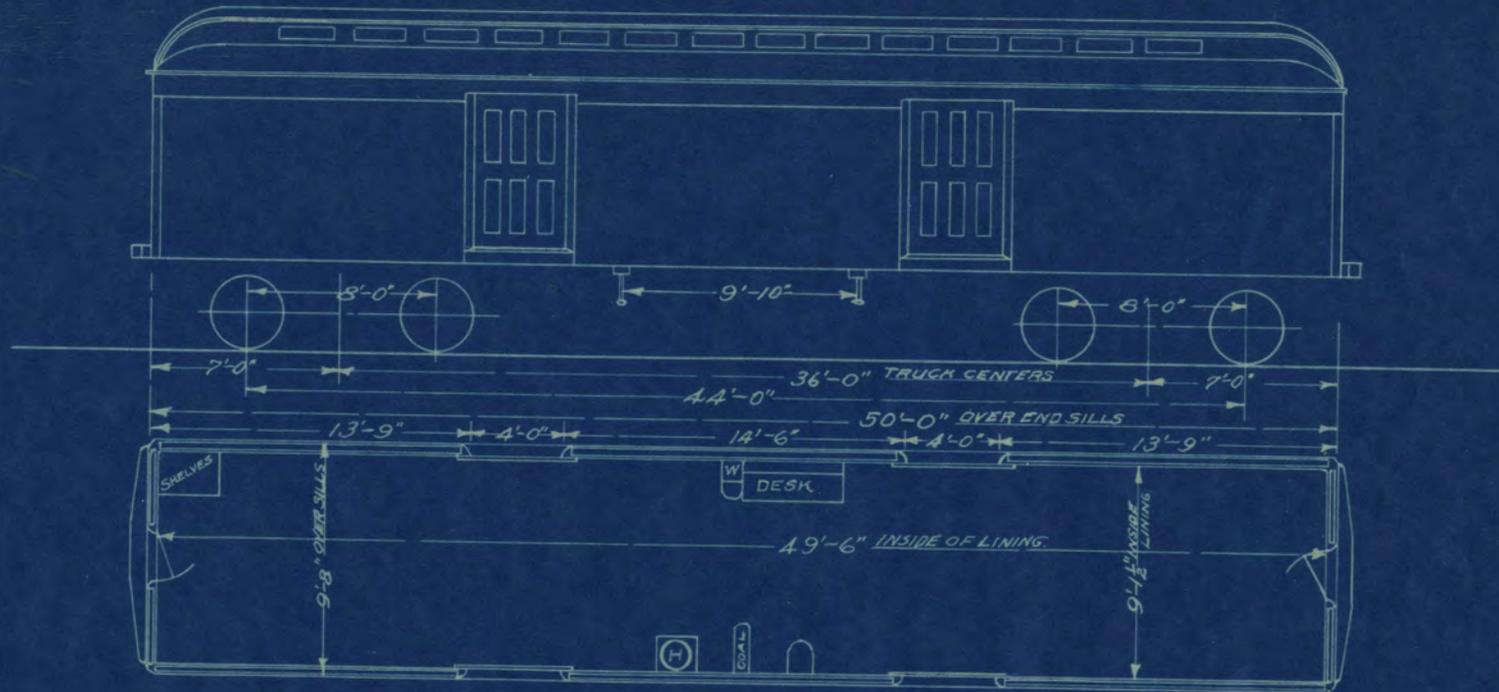
WICHITA VALLEY



GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	43 FT - 11 IN
HEIGHT INSIDE TO TOP OF PANEL	6 FT - 4 IN
HEIGHT INSIDE - CLEAR	8 FT - 9 IN
HEIGHT OF DECK INSIDE	18 inches
WIDTH OF DECK INSIDE	4 FT - 3 IN
DRAFT RIGGING	Common
KNUCKLE PIN TOTAL PIN.	3 FT - 7 IN
WEIGHT	
REMARKS	

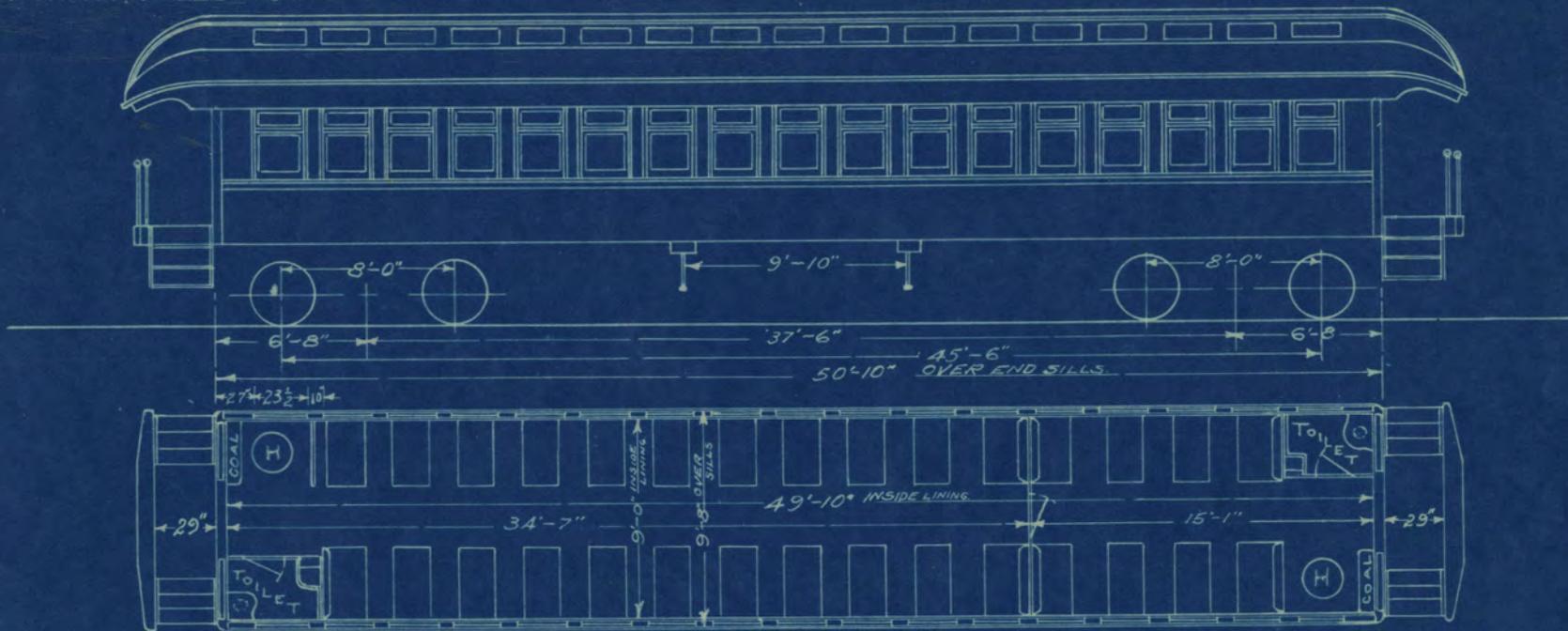
AIRBRAKE	Westinghouse
WHEELS	Cast Iron 33" diam.
AXLES	4 3/8 x 8 1/2"
LIGHTS	Oil Lamps
HEATER	Steam and Stoves
SEATS	None
PLATFORM	None
SEATING CAPACITY	None



GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	52 FT - 8 IN
HEIGHT INSIDE TO TOP OF PANEL	6 FT - 9 IN
HEIGHT INSIDE - CLEAR	9 FT - 5 IN
HEIGHT OF DECK INSIDE	18 inches
WIDTH OF DECK INSIDE	5 FT - 5 1/2 IN
DRAFT RIGGING	Common
KNUCKLE PIN TO TAIL PIN	3 FT - 9 IN
WEIGHT	
REMARKS	

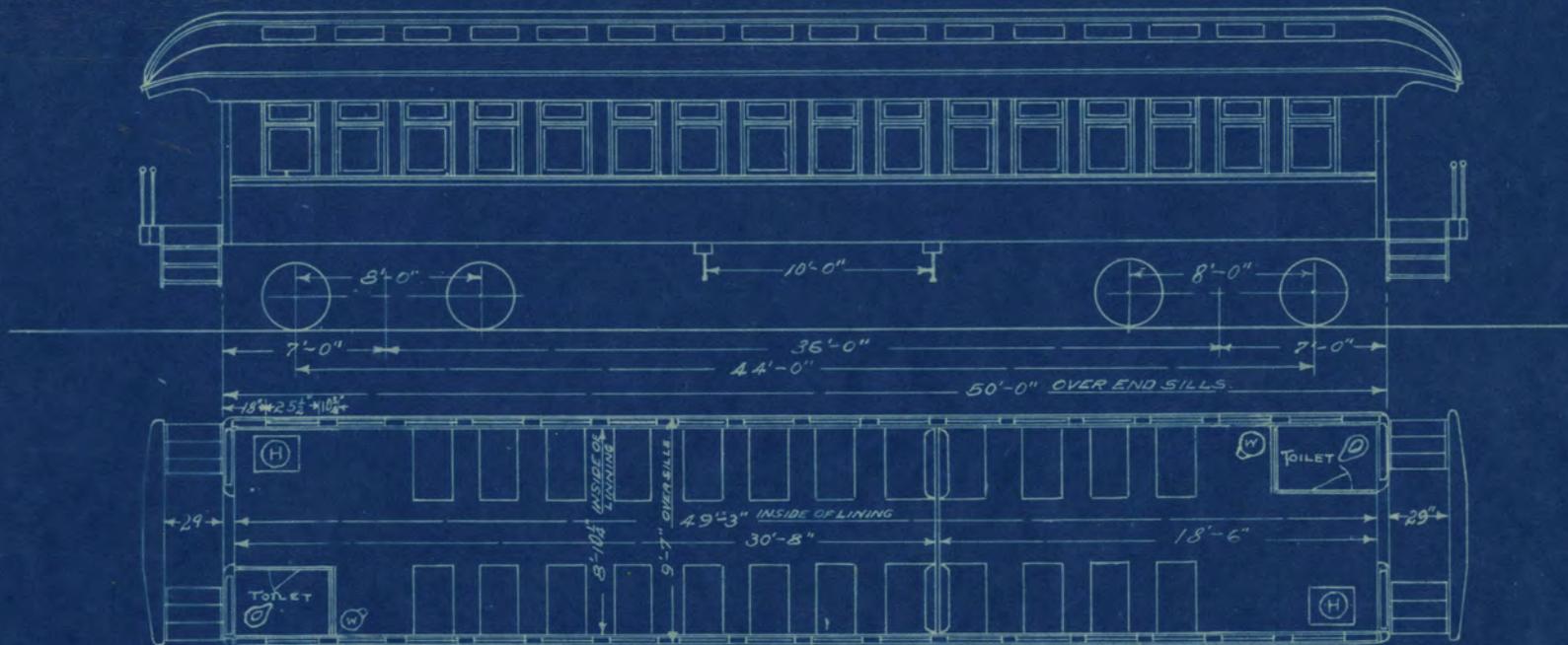
AIRBRAKE	Westinghouse
WHEELS	Cast Iron 33" Diam.
AXLES	No 11 - 4 1/4 x 8 1/2 - Brass No. 40.
LIGHTS	Oil Lamps
HEATER	Stove only
SEATS	NONE
PLATFORM	NONE
SEATING CAPACITY	NONE



GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	57 FT - 8 IN
HEIGHT INSIDE TO TOP OF PANEL	6 FT - 6 IN
HEIGHT INSIDE - CLEAR	9 FT - 3 IN
HEIGHT OF DECK INSIDE	18 INCHES
WIDTH OF DECK INSIDE	4 FT - 10 IN
DRAFT RIGGING	Old Style Single Parker
KNUCKLE PIN TO TAIL PIN	5 FT - 5 IN
WEIGHT	
REMARKS	

AIRBRAKE	Westinghouse
WHEELS	33 inch dia Cast Iron
AXLES	No. 11. Brass No 40. 4 1/2" X 8 1/2" Journal
LIGHTS	Oil Lamps
HEATER	Stove & Steam
SEATS	Burhin - Pantasote Cover
PLATFORM	Reinforced with I beams
SEATING CAPACITY	Sixty



GENERAL DESCRIPTION.

LENGTH OVER BUFFERS	57 FT - 0 IN
HEIGHT INSIDE TO TOP OF PANEL	6 FT - 11 IN
HEIGHT INSIDE - CLEAR	9 FT - 4 1/2 IN
HEIGHT OF DECK INSIDE	18 INCHES
WIDTH OF DECK INSIDE	5 FT - 3 IN
DRAFT RIGGING	Old style Single Parker
KNUCKLE PIN TO TAIL PIN	5 FT - 6 IN
WEIGHT	
REMARKS	

AIRBRAKE	Westinghouse
WHEELS	33 inch dia. Cast
AXLES	No. 11 Brass No. 40. 4 1/2" x 8 1/2"
LIGHTS	Oil Lamps
HEATER	Stove & Steam
SEATS	Burlin - Pantasote
PLATFORM	Open
SEATING CAPACITY	48

FORT WORTH & DENVER CITY BY

WICHITA VALLEY BY

ABILENE & SOUTHERN BY

LOCOMOTIVE DIAGRAMS

FOLIO NO. 100

LOCOMOTIVE CLASSIFICATION

WHYTES SYSTEM		C B & Q	Inter. Com. Com. Also PW&DC Ry
4	Wheel Switcher	040	R A2 00△
6	" "	060	G A3 000△
8	" "	080	A4 0000△
10	" "	0100	L A5 00000△
		0120	A6 000000△
4	Coupled	240	B2 000△
	Mogul	260	H B3 0000△
	Consolidation	280	D B4 00000△
	Decapod	2100	B5 000000△
		420	A C1 000△
8	Wheel	440	A C2 0000△
10	"	460	K C3 00000△
12	"	480	C4 000000△
4	Coupled and Trailing	042	D2 000△
6	" "	062	D3 0000△
	Columbia	242	H2 0000△
	Prairie	262	R H3 00000△
	Mikado	282	H4 000000△
10	Coupled	2102	H5 0000000△
		2122	H6 00000000△
	Atlantic	442	P F2 00000△
	Pacific	462	S F3 000000△
	Ferney 4 Coupled	044	G2 0000△
	" 6 "	064	G3 00000△
4	Coupled	242	H2 00000△
6	"	264	H3 000000△
4	" Double Ender	444	I2 000000△
6	" " "	464	I3 0000000△
	Ferney 4 Coupled	046	J2 00000△
4	Coupled	246	K2 000000△
6	"	266	K3 0000000△
	Articulated	2662	T
	Articulated	2882	

EXPLANATION OF CLASSIFICATION.

THE CLASSIFICATION AS TO WHEEL ARRANGEMENT, PRESCRIBED BY THE INTERSTATE COMMERCE COMMISSION, IS INCORPORATED IN OUR SYSTEM OF CLASSIFICATION. THE INTERSTATE COMMERCE COMMISSION USE A LETTER AND A NUMERAL; THE LETTER INDICATES THE NUMBER OF PAIRS OF FRONT ENGINE TRUCK WHEELS; THE NUMERAL, THE NUMBER OF PAIRS OF DRIVING WHEELS, TO ILLUSTRATE:

THE LETTER-A-INDICATES NO FORWARD TRUCK WHEELS				
"	"	B	"	ONE PAIR FORWARD TRUCK WHEELS
"	"	C	"	TWO PAIRS FORWARD TRUCK WHEELS
"	NUMERAL	2	"	TWO PAIR OF DRIVING WHEELS
"	"	3	"	THREE PAIRS OF DRIVING WHEELS
"	"	4	"	FOUR PAIRS OF DRIVING WHEELS

THE SECOND LETTER DESIGNATES THE CLASS USED IN CONJUNCTION WITH THE INTERSTATE COMMERCE COMMISSION CLASSIFICATION AS TO WHEEL ARRANGEMENT. F.W. & D.C. TEN-WHEELERS, NUMBERS 150 TO 155, AND COLORADO & SOUTHERN TEN-WHEELERS, NUMBERS 323 TO 329, ARE CLASSIFIED AS C.3.H. THE NEW TEN-WHEELERS PURCHASED RESEMBLING THESE, ARE CLASSIFIED AS C.3.H.1. THIS INDICATES THAT THESE LOCOMOTIVES RESEMBLE, IN MANY PARTICULARS, THE ORIGINAL CLASS C.3.H.

Class.	Engines.	Wt. in working order	Wt. of Eng.	Size of Cyl.	Wt. on Drivers.	Wheel Centers	Tractive Power.	Factor of Adhesion	Boiler Press.	Heating Surface. - Sq. ft.				Sq. ft. Grate Area.	Boiler tubes.		
										Fire box.	Tubes.	Super- heat.	Total.		No.	Dia.	Length.
A-3-K.	23-24.	169500	93000	18x24"	78500	46"	18083	4.3	145	101.7	998.		1099.7	23	198	2"	11'-1"
G-2-K.	38-	182000	93500	18x24"	59600	57"	15491	3.8	150	123.	1148.		1271.	15.8	201	2"	12'-5"
G-2-Q.	39-	187500	99000	18x26"	62000	57"	16782	3.7	150	123	1148.		1271.	15.8	201	2"	12'-5"
G-2-R.	40-	187500	99000	18x26"	62000	57"	16782	3.7	150	123	1148.		1271.	15.8	201	2"	12'-5"
A-3-F.	50-51.	238250	145000	20x26"	145000	44"	31200	4.6	180	177	1778.		1955.	31.3	311	2"	11'-0"
A-3-E-1.	60-67.	220500	135000	19x26"	135000	44"	28158	4.7	180	152	1600		1752	31.5	280	2"	11'-0"
A-3-E-2.	68-69.	226900	138500	20x26"	138500	44"	31200	4.4	180	152	1605.		1757	31.5	280	2"	11'-0"
G-3-F.	101-105.	266000	152000	20x26"	118000	56"	25257	4.6	180	163	1784.		1947	34.3	292	2"	13'-4"
G-3-H.	150-155	336200	179500	20x28"	138500	60"	28418	4.8	200	200.7	2873		3073.7	34.6	372	2"	14'-10"
G-3-H-1.	156-157	344400	187700	21x28"	146500	62"	30422	4.7	200	205.	2271.		2476.	32.6	294	2"	14'-10"
B-4-O.	201-211	280000	158000	20x28"	142000	50"	33404	4.2	200	122.2	1877.		1999.2	45.5	281	2"	14'-7"
B-4-Q.	250-252	325700	175000	20x28"	157000	50"	33404	4.4	200	190.	2418.7		2608.7	32.5	328	2"	14'-2"
B-4-Q-1.	253-267	341700	185000	20x28"	165000	50"	33404	4.9	200	189.	1954.		2143.	32.7	265	2"	14'-2"
B-4-R.	301-309	353500	193500	22x28"	174500	50"	40418	4.3	200	195.	2886.		3081.	34.6	411	2"	13'-6"
B-4-R-1.	310-314	348650	194650	22x28"	175250	50"	40418	4.3	200	209	2346		2555.	32.7	334	2"	13'-6"
E-4-A-1.	401-410	431550	266550	27x30"	198550	56"	52300	3.8	180	200	3488.	834.	4522	54.2	²⁰⁰ 34	²⁷ 5 1/2	21'-0"
F-3-A.	501-505	384000	236000	25x28"	153000	62"	37,729	4.4	175	194.	2816.	925.	3935	55.	¹⁷⁰ 24	^{5 1/2} 24	21'-0"
E-4-A-2	451-455		320,000	27x32"	239,000	56"	59,801	3.9	190	279	2780	1226	4285	70.3	²⁴⁷ 45	^{2 1/2} 5 1/2	22'8"

5-1-19

21-3

Fort Worth & Denver City Ry. Co.

IV

Number	Class	Page	Builder	Date Built	Builder's Number	Boiler Pressure	Wt. on Drivers	Total Eng. Wt.	Service	Remarks.
201	B-4-0	16	Rhode Island Wks. A.L. Co.	1903	27038	200	142000	158000	Freight.	
202	"	16	" " " " "	1903	27059	200	142000	158000	"	
203	"	16	" " " " "	1903	27060	200	142000	158000	"	
204	"	16	" " " " "	1903	25146	200	142000	158000	"	
205	"	16	" " " " "	1903	25147	200	142000	158000	"	
206	"	16	" " " " "	1903	25148	200	142000	158000	"	
207	"	16	" " " " "	1903	25149	200	142000	158000	"	
208	"	16	" " " " "	1903	25150	200	142000	158000	"	
209	"	16	" " " " "	1903	25151	200	142000	158000	"	
210	"	16	" " " " "	1903	25152	200	142000	158000	"	
211	"	16	" " " " "	1903	25153	200	142000	158000	"	
250	B-4-Q	17	Rogers Wks. A.L. Co.	MAY 1906	40737	200	157000	175000	"	
251	"	17	" " " " "	" 1906	40738	200	157000	175000	"	
252	"	17	" " " " "	" 1906	40739	200	157000	175000	"	
253	B-4-Q-1	18	Richmond Wks. A.L. Co.	APR. 1907	42930	200	165000	185000	"	
254	"	18	" " " " "	" 1907	42931	200	165000	185000	"	
255	"	18	" " " " "	" 1907	42932	200	165000	185000	"	
256	"	18	" " " " "	" 1907	42933	200	165000	185000	"	
257	"	18	" " " " "	MAY 1907	42934	200	165000	185000	"	
258	"	18	" " " " "	" 1907	42935	200	165000	185000	"	

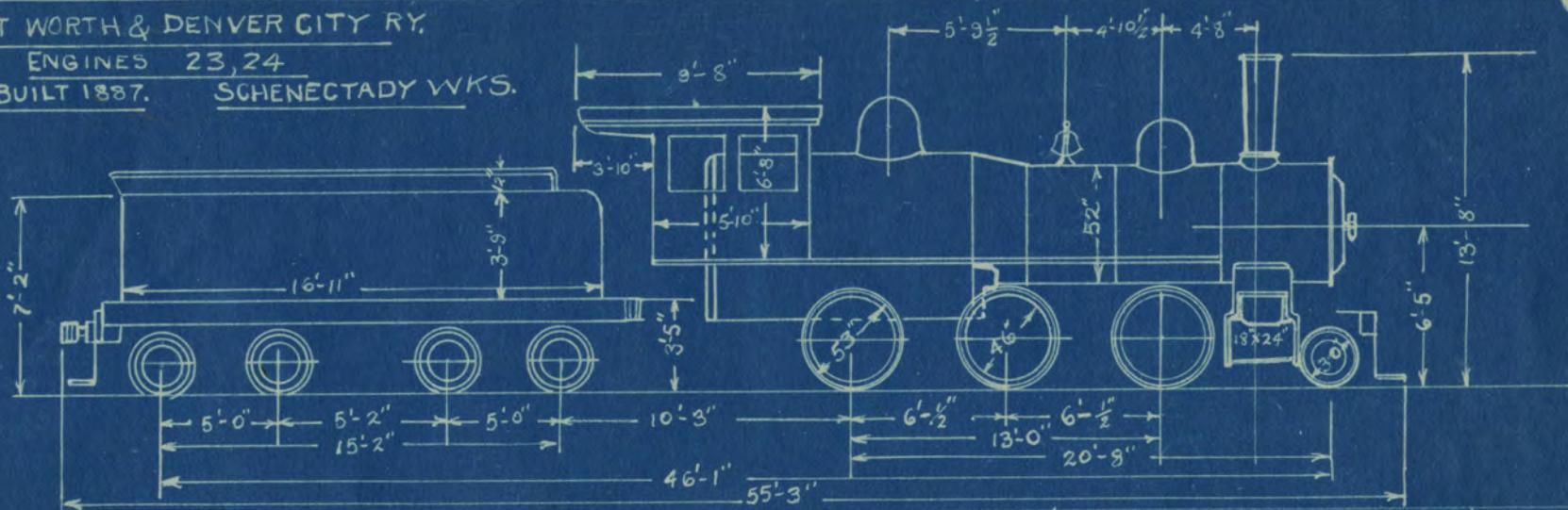
FORT WORTH & DENVER CITY RY.

ENGINES 23, 24

BUILT 1887.

SCHENECTADY WKS.

4.



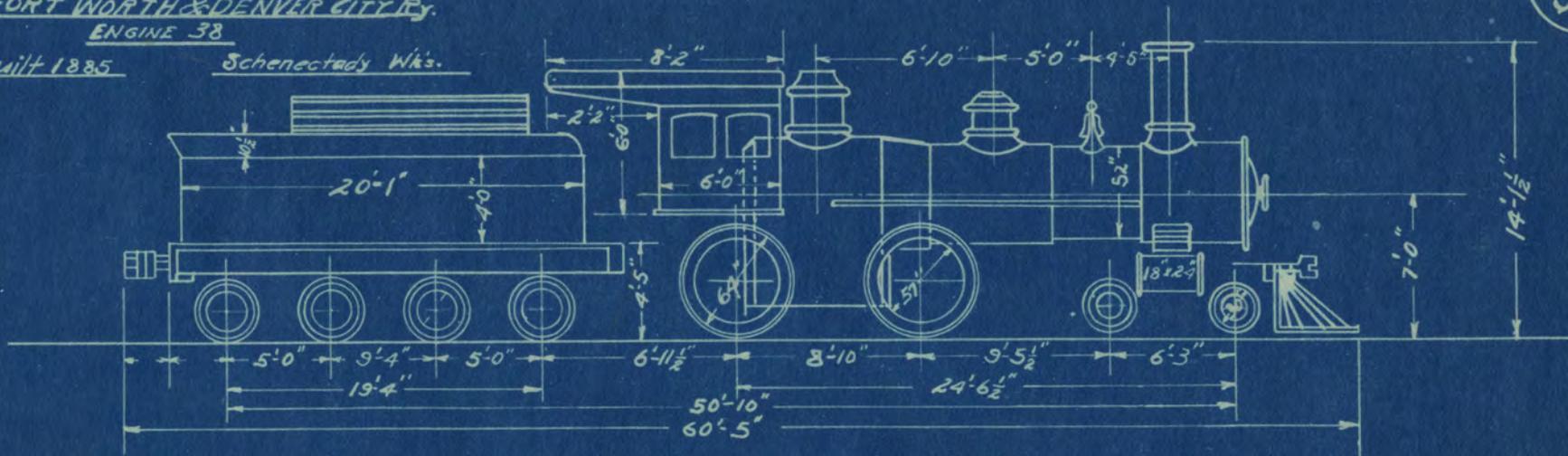
LENGTH OF FIRE BOX INSIDE.	96"	HEATING SURFACE FIRE BOX.	101.7 ^{sq}	WT. ON DRIVERS.	78500 ^{lb}
HEIGHT " " " FRONT.	49 ¹ / ₂ "	" " TUBES.	998 ^{sq}	" " ENG. TRUCK.	14500 ^{lb}
" " " " REAR.	46"	" " TOTAL.	1099.7 ^{sq}	" " TOTAL ENG.	93000 ^{lb}
WIDTH " " " TOP	46 ³ / ₄ "	GRATE "	23.0 ^{sq}	" " OF TENDER LOADED	75500 ^{lb}
" " " " GRATES.	43"	BOILER PRESSURE	145 ^{lb}	" " ENGINE & TENDER	
NUMBER " FLUES.	198	TRACTIVE POWER	18083 ^{lb}	IN WORKING ORDER	169500 ^{lb}
DIAMETER " "	2"	TENDER CAPACITY COAL.	7.0 T.	ALL IN ROAD SERVICE HAVE	
LENGTH " OVER SHEETS.	11'-1"	" " WATER	4000 G.	SQUARE TANKS 4000 G	

FORT WORTH & DENVER CITY Ry.

ENGINE 38

Built 1885

Schenectady Wks.



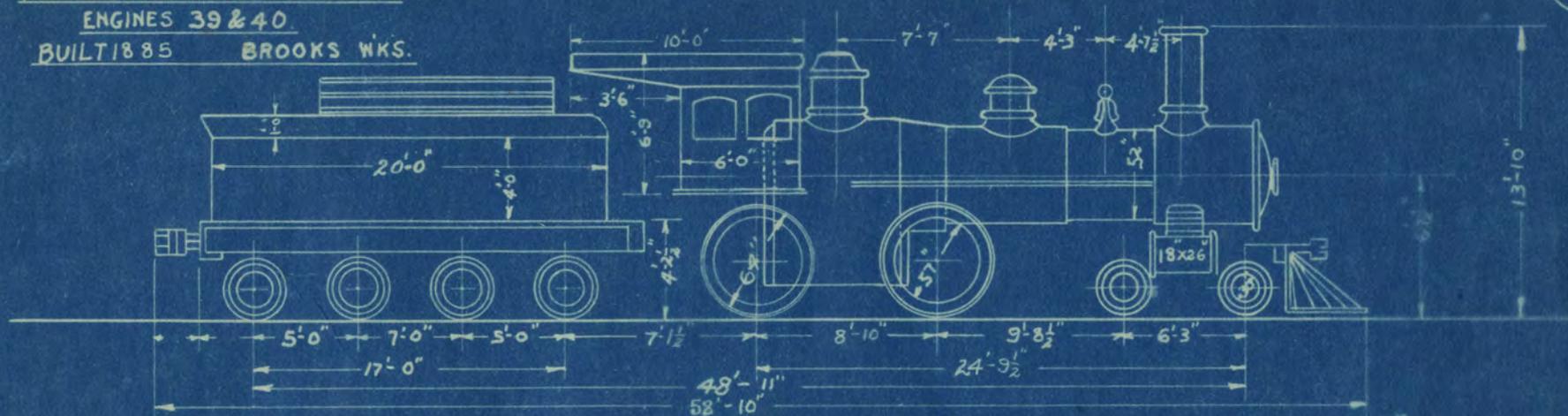
Length of Fire Box Inside	72"	Heating Surface Fire Box	1230 ⁰	Wt. on Drivers	59600 [#]
Weight " " " Front	69"	" " " Tubes	1148 ⁰	" " Eng. Truck	33900 [#]
" " " " Rear	69 $\frac{1}{2}$ "	" " " Total	1271.0 ⁰	" " Total Engine	93500 [#]
Width " " " Top	34"	Grate " "	15.8 ⁰	" of Tender Loaded	88500 [#]
" " " " Grates	31 $\frac{3}{4}$ "	Boiler Pressure	150 [#]	" " Engine & Tender	
Number of Flues	201	Tractive Power	15491 [#]	In Working Order	182000 [#]
Diameter " "	2"	Tender Capacity Coal	10.07.		
Length of Flues Over Sheets	12'-5"	" " Water	4000 G.		

FORT WORTH & DENVER CITY RY.

ENGINES 39 & 40.

BUILT 1885

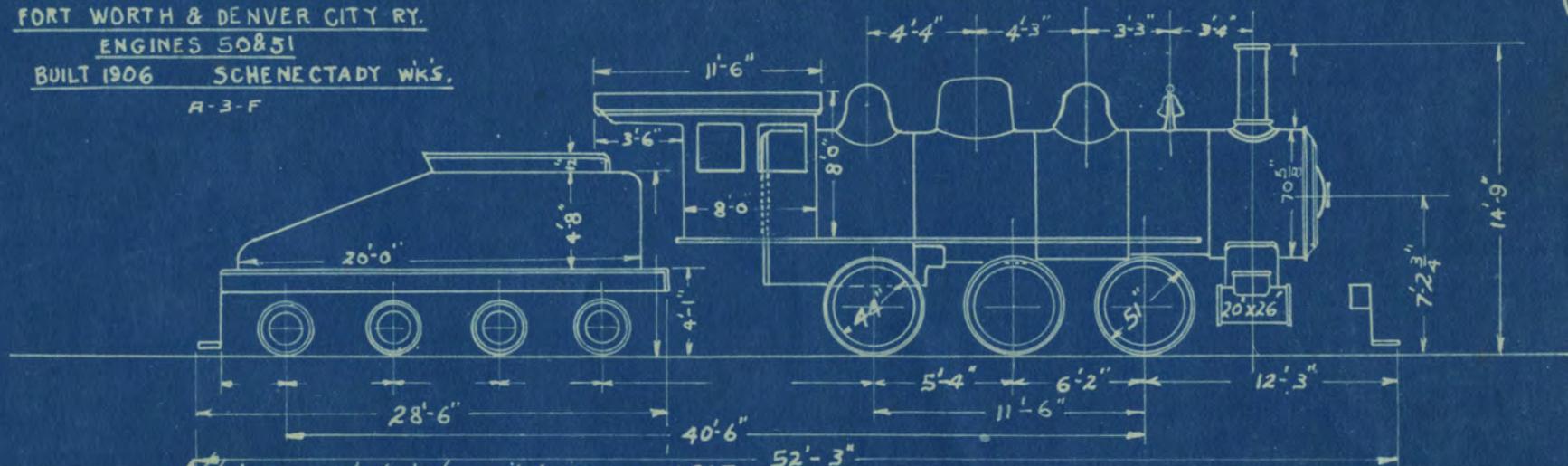
BROOKS WKS.



Note - Eng. 40 has 56" D. Wheel Center & 63" Wh's. - Tractive Power 17,049

LENGTH OF FIRE BOX INSIDE.	72"	HEATING SURFACE FIRE BOX.	123.0 ^o '	WT. ON DRIVERS.	62000*
HEIGHT " " " FRONT.	68"	" " " TUBES.	1148 ^o '	" " ENG. TRUCK.	37000*
" " " " REAR.	69 ¹ / ₂ "	" " " TOTAL.	1271.0 ^o '	" " TOTAL ENGINE	38000*
WIDTH " " " TOP.	4'-2"	GRATE SURFACE	15-8 ^o '	" " OF TENDER LOADED.	88500*
" " " " GRATES	2'-7"	BOILER PRESSURE.	150 [#]	" " ENGINE & TENDER	187500*
NUMBER OF FLUES.	201	TRACTIVE POWER.	16782 [#]	IN WORKING ORDER.	
DIAMETER " " "	2"	TENDER CAPACITY COAL.	8.0 T.		
LENGTH " " OVER SHEETS.	12'-5"	" " " WATER.	4000 0		

FORT WORTH & DENVER CITY RY.
 ENGINES 50851
 BUILT 1906 SCHENECTADY WKS.
 A-3-F



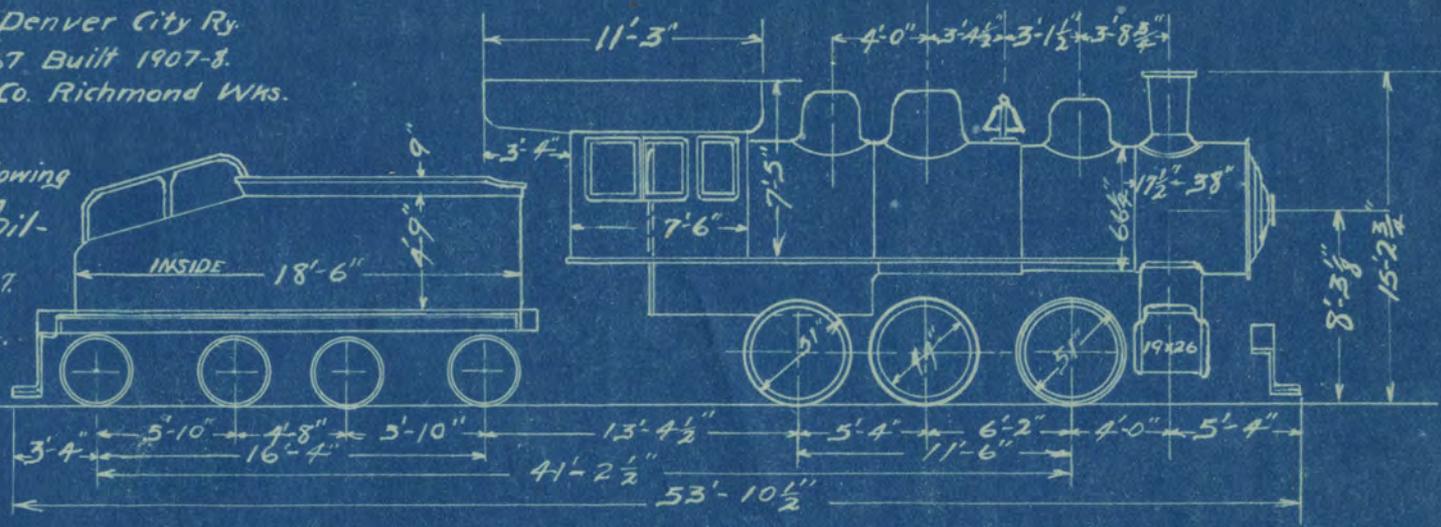
Note: Converted into oil burners 1917 52'-3"

LENGTH OF FIRE BOX INSIDE.	108 $\frac{3}{16}$ "	HEATING SURFACE FIRE BOX.	177.0 ^{sq} '	WT. ON DRIVERS.	14500 [#]
HEIGHT " " " FRONT.		" " " TUBES.	1778.0 ^{sq} '	" " " ENG. TRUCK	
" " " " REAR.		" " " TOTAL.	1955.0 ^{sq} '	" " " TOTAL ENGINE.	145,000 [#]
WIDTH " " " TOP.	4'-11 $\frac{3}{4}$ "	GRATE " "	31.3 ^{sq} '	" " " OF TENDER LOADED, Coal	93250 [#]
" " " " GRATES.	34"	BOILER PRESSURE.	180 [#]	" " " ENGINE & TENDER. "	
NUMBER OF FLUES.	311	TRACTION POWER.	31200 [#]	IN WORKING ORDER. "	238250 [#]
DIAMETER " " "	2"	TENDER CAPACITY OIL	1700 Gals.	WT. of Tender Loaded (Oil)	94170 [#]
LENGTH " " " OVER SHEETS.	11'-0"	" " " WATER	4,500 G.		
		" " " Coal	6 T.		

Fort Worth & Denver City Ry.
Engines 60-67 Built 1907-8.
American Loco. Co. Richmond Wks.

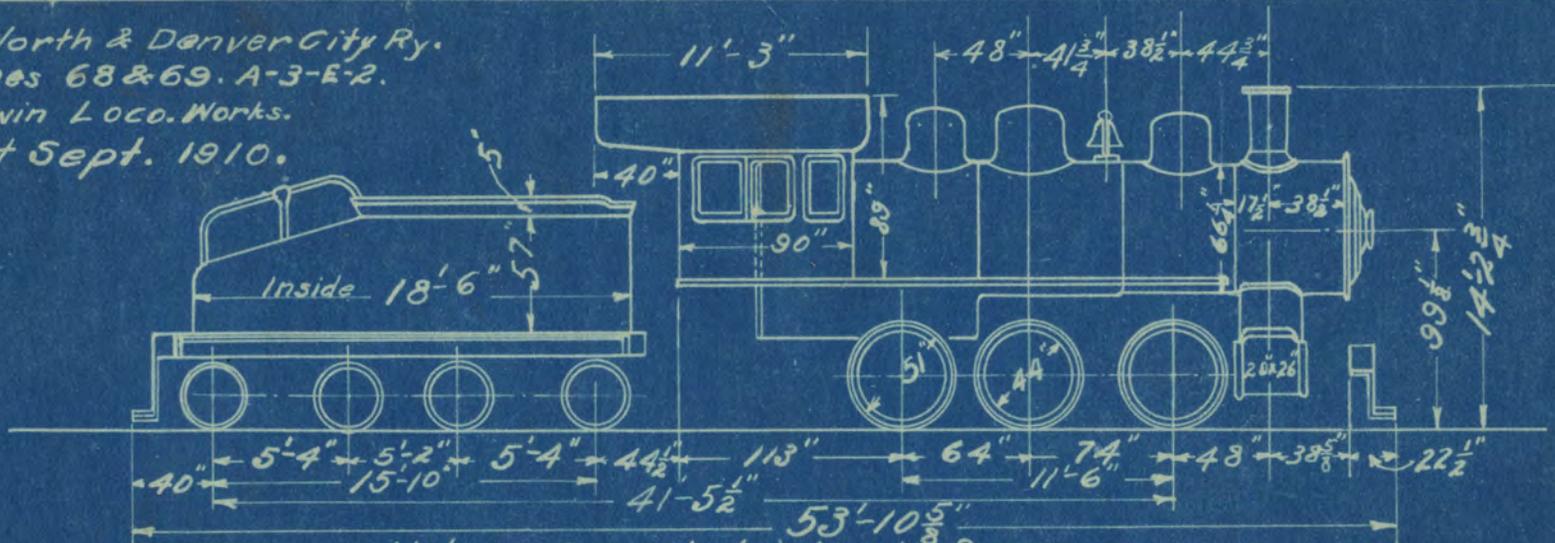
Note - The following
Eng's. have been
Converted into Oil-
Burners.
62, 63, 65, 66, 67.

Cap. Oil 1500 G.



Length of Fire Box Inside	108"	Heating Surface . Fire Box.	152 sq. Ft.	Weight on Drivers.	135000#
Height " " " Front	68 5/8"	Do. " Flues	1600 " "	Do. " Eng Truck	
Do. " " " Rear	65 5/8"	Do. " Total	1752 " "	Total Weight of Engine	135000#
Width " " " TOP	55"	Grate Area	31.5 " "	Weight of Tender Loaded	85500#
Do. " " " Grates	42"	Boiler Pressure	180 Lbs.	Do. " Engine & Tender	
Number of Flues	280	Tractive Power	28158 "	in Working Order	220500#
Diameter " " Outside	2"	Tender Capacity Coal	6 Tons	Weight of Tender in Oil "Loaded"	84960#
Length " " Over sheets	11'-0"	Do. Oil	1500 G		
		Do. Water	4000 G		

Fort Worth & Denver City Ry.
Engines 68 & 69. A-3-E-2.
Baldwin Loco. Works.
Built Sept. 1910.



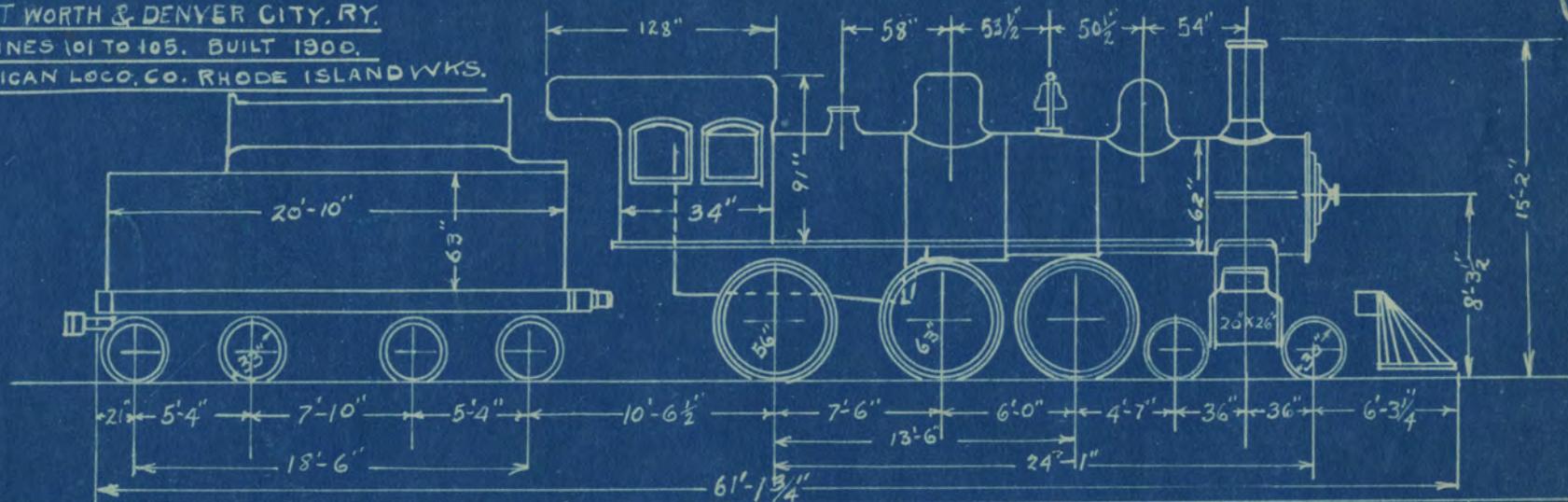
Note - Converted into oil Burners. 1917

Length of Fire Box Inside	108"	Heating Surface, Fire Box	152 Sq. Ft.	Weight on Drivers.	138900 [#]
Height " " " Front	68"	" " " Flues.	1605 Sq. Ft.		
" " " " Rear	65"	" " " Total	1757 " "	Total Weight of Engine	138900 [#]
Width " " " Top	56"	Grate Area	31.5 Ft.	Weight of Tender Loaded	88000 [#]
" " " " Grates	42"	Working Pressure	180 Lbs.	Weight of Engine & Ten-	
Number of Flues	280	Tractive Power	31200 [#]	der in working order	226900 [#]
Diameter " "	2"	Tender Capacity. oil	1500 G.	Weight of Tender Loaded	
Length of Flues Over Sheets-11'-0"		" " " Water	4000 G.	With Oil	87400
		" " " Coal	6 T.		

12A

Coal

FORT WORTH & DENVER CITY, RY.
 ENGINES 101 TO 105. BUILT 1900.
 AMERICAN LOCO. CO. RHODE ISLAND WKS.



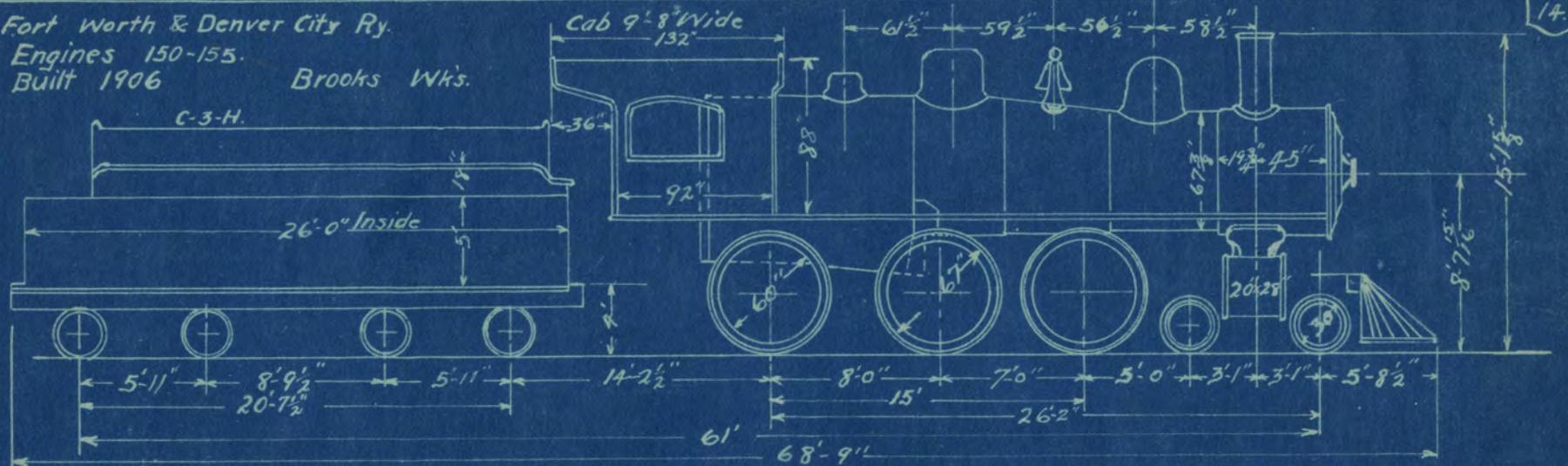
Length of Fire box inside	120"	Heating Surface - Fire box.	163.1 ^{sq} '	Wt. on Drivers	113000 [#]
Height " " " Front.	72"	" " Tubes.	1784 ^{sq} '	" " Eng Truck	34000 [#]
" " " " Rear.	61"	" " Total	1947 ^{sq} '		
Width " " " " Top.	52"	Grate Surface	34.3 ^{sq} '	" " Total Engine	152000 [#]
" " " " " Grates.	41"	Boiler Pressure.	180 [#]	" " of Tender loaded	114000 [#]
Number of Flues	232	Tractive Power	25257 [#]	" " Engine & Tender	
Diameter " " " "	2"	Tender Capacity - Coal.	12.5 T.	in working order.	266000 [#]
Length " " " over sheets.	13'-4"	" " " Water.	5500 G.		

Fort Worth & Denver City Ry.

Engines 150-155.

Built 1906

Brooks Wks.

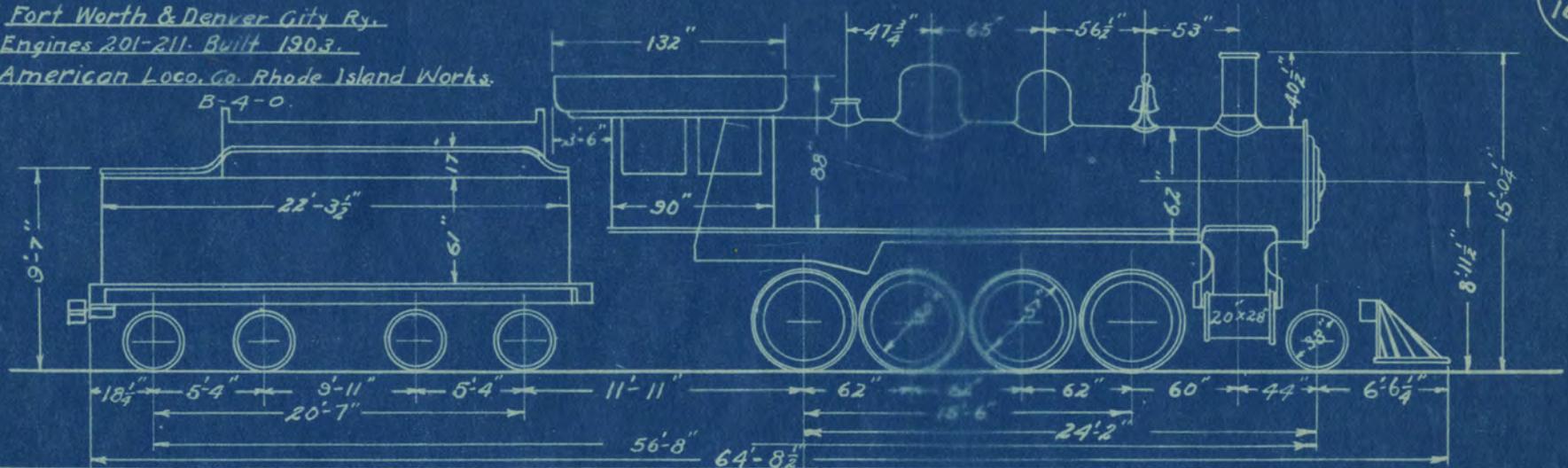


14.

Length of Fire Box . Inside.	120"	Heating Surface . Fire Box.	200.7 ⁰ '	Wt. on Drivers.	138,500#
Height " " " Front.	74"	" " Tubes.	2,873 ⁰ '	" " Eng. Truck.	4,000#
" " " " Rear.	61"	" " Total.	3,073.7 ⁰ '	" " Total Eng.	179,500#
Width " " " Top.	63 1/2"	Grate Surface.	34.6 ⁰ '		
" " " " At Grates.	41 1/2"	Boiler Pressure.	200#.	" " Tender Loaded.	156,700#
Number of Flues.	372	Tractive Power.	28,418#	" " Eng. & Tender	
Diameter " "	2"	Tender Capacity . Coal.	16T.	in Working Order.	336,200#
Length of Flues Over Sheets	14'-10"	" " Water.	8,000 G.		

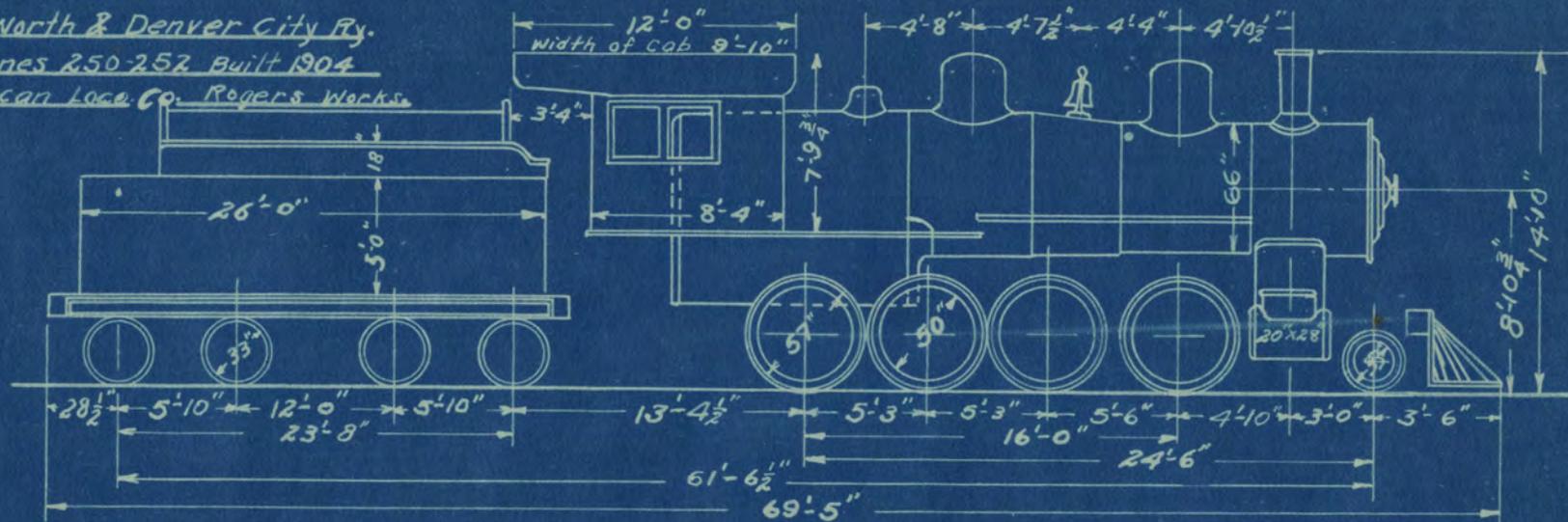
RRP

Fort Worth & Denver City Ry.
Engines 201-211. Built 1903.
American Loco. Co. Rhode Island Works.
B-4-0.



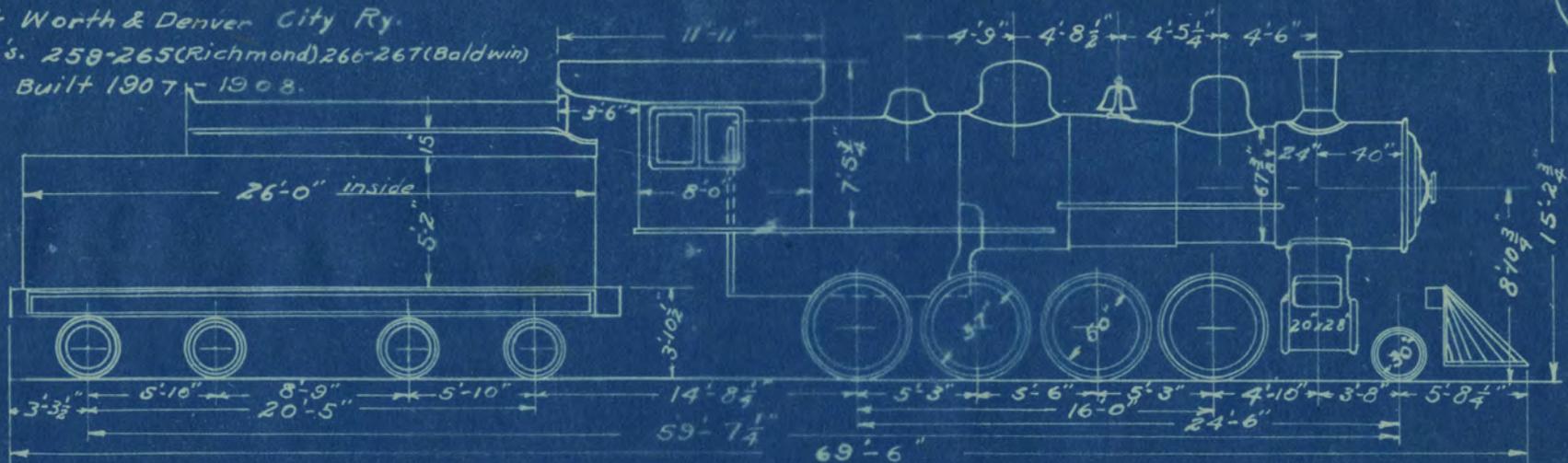
Length of Fire Box Inside	96"	Heating Surface, Fire Box	122.2°	Wt. on Drivers	142000 [#]
Height " " " Front.	66"	" " Tubes	1877°	" " Eng. Truck	16000 [#]
" " " " Rear	35"	" " Total	1339.2°		
Width " " " Top	58"	Grate Surface	43'5"	" " Total Eng.	158000 [#]
" " " " Grates	62"	Boiler Pressure	200*	" Of Tender Loaded	122,000 [#]
Number " Flues	281	Tractive Power	33404 [#]	" " Engine & Tender	
Diameter " "	2"	Tender Capacity Coal	14 T.	In Working Order.	280000 [#]
Length " " Over Sheets.	14'7"	" " Water	6000 G		

Fort Worth & Denver City Ry.
Engines 250-252 Built 1904
American Loco. Co. Rogers Works.



Length of Fire Box Inside	120"	Heating Surface, Fire Box	1900'	Weight on Drivers	157000#
Height " " " , Front	66"	" " " . Flues	2418.70'	" " Eng. Truck	18000#
" " " " , Rear	63"	" " " . Total	2608.70'	Total Weight of Engine	175000#
Width " " " , Top	56"	Grate	32.50'	Weight of Tender Loaded	150700#
" " " " at Grates	39"	Boiler Pressure	2000#	" " Engine & Ten-	
Number of Flues	328	Tractive Power	33409#	der in Working order	325.700
Diameter " " outside	2"	Tender Capacity, Coal	18 Tons		
Length " " over Sheets	14'-2"	" " , Water	8000 G.		

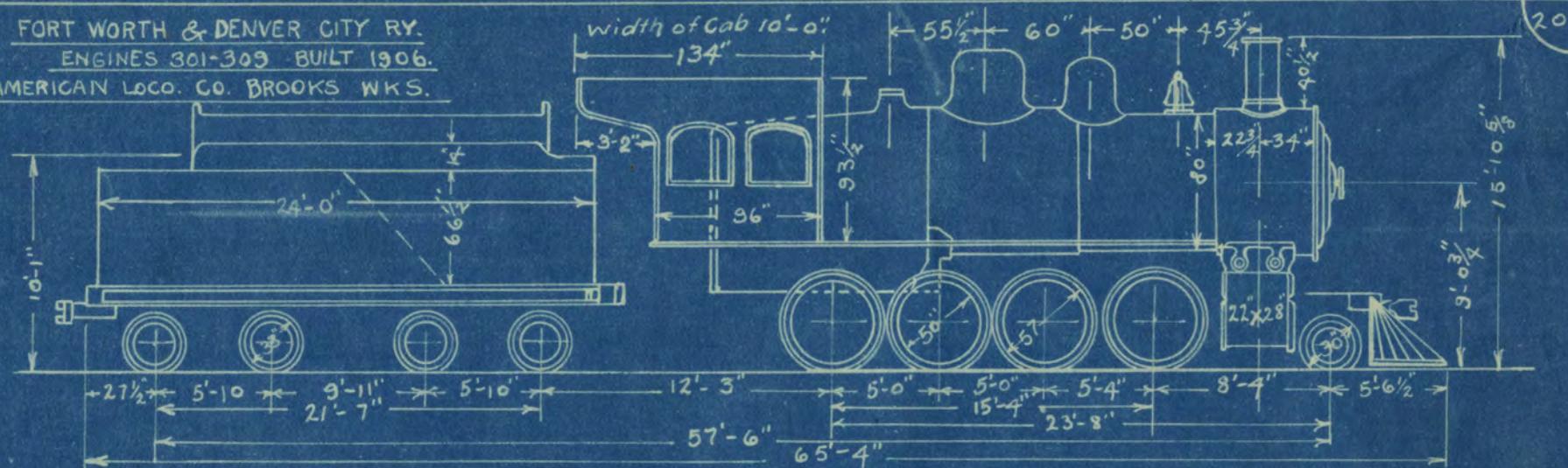
Fort Worth & Denver City Ry.
 Eng's. 258-265 (Richmond) 266-267 (Baldwin)
 Built 1907-1908.



Note - Eng's. 259 & 266 Have been converted into oil burners Tender Cap. oil 26556.

Length of Fire Box Inside	120"	Heating Surface, Fire Box	18939 Sq. Ft.	Weight on Drivers	165,000 [#]
Height " " " , Front	74"	" " " , Flues	1954 "	" " Eng. Truck	20,000 [#]
" " " " , Rear	71"	" " " , Total	2143 "	Total Weight of Engine	185,000 [#]
Width " " " , Top	62"	Grate	32.7 "	Weight of Tender Loaded	156,700 [#]
" " " " At Grate	39 1/2"	Boiler Pressure	200 Lbs.	" " Engine & Ten-	
Number of Flues	265	Tractive Power	33904 "	der in working order	341,700 [#]
Diameter " " Outside	2"	Tender Capacity - Coal	16 Tons	Weight of Tender in oil-Loaded	144,878 [#]
Length " " Over Sheets	14'-2"	" " " . Water	8000 G.		

FORT WORTH & DENVER CITY RY.
 ENGINES 301-309 BUILT 1906.
 AMERICAN LOCO. CO. BROOKS WKS.

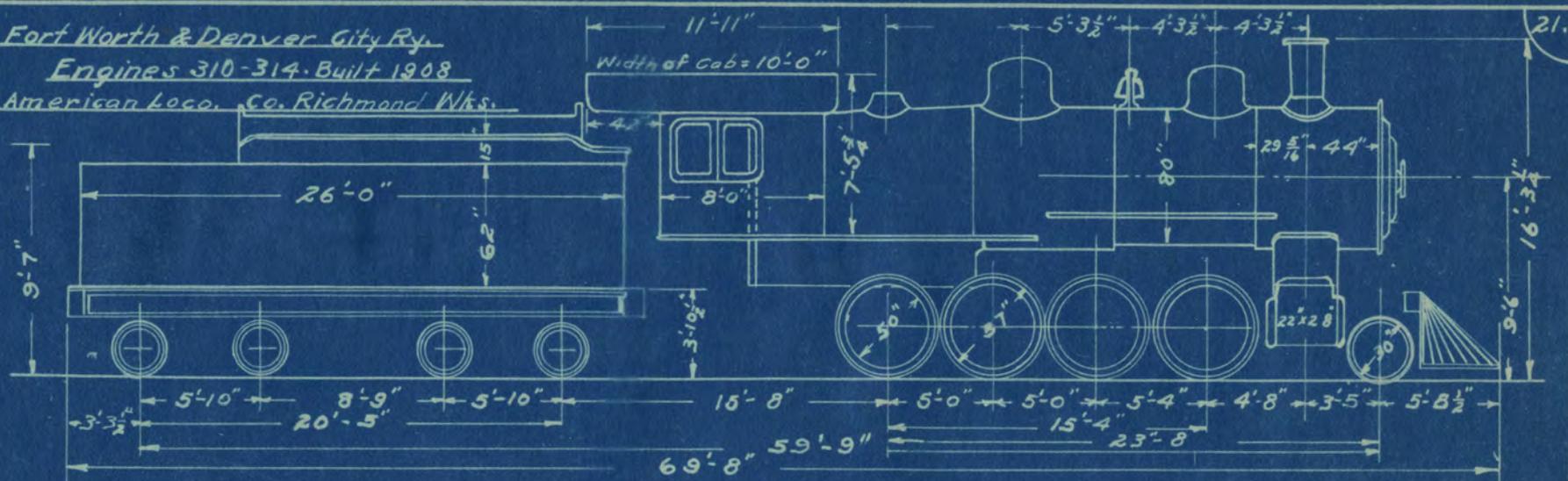


Length of Fire box. Inside	121"	Heating Surface - Fire box	195 sq.ft.	WT. on Drivers	174500#
Height " " " Front	78 3/4"	" " Tubes	2886 " "	" " Eng. Truck.	19000#
" " " " Rear	72 1/2"	" " Total	3081 " "		
Width " " " Top	65 1/4"	Grate Surface	34.6 sq'	Total Eng.	193500#
" " " " Grates	41 1/4"	Boiler Pressure	200#	" of Tender loaded	160000#
Number " Flues.	411	Tractive Power	40418 #	" " Engine & Tender	
Diameter " "	2"	Tender Capacity - Coal	19 TONS	in working order	353,500#
Length " over Sheets	13'-6"	" " Water	8000 G.		

Fort Worth & Denver City Ry.

Engines 310-314. Built 1908

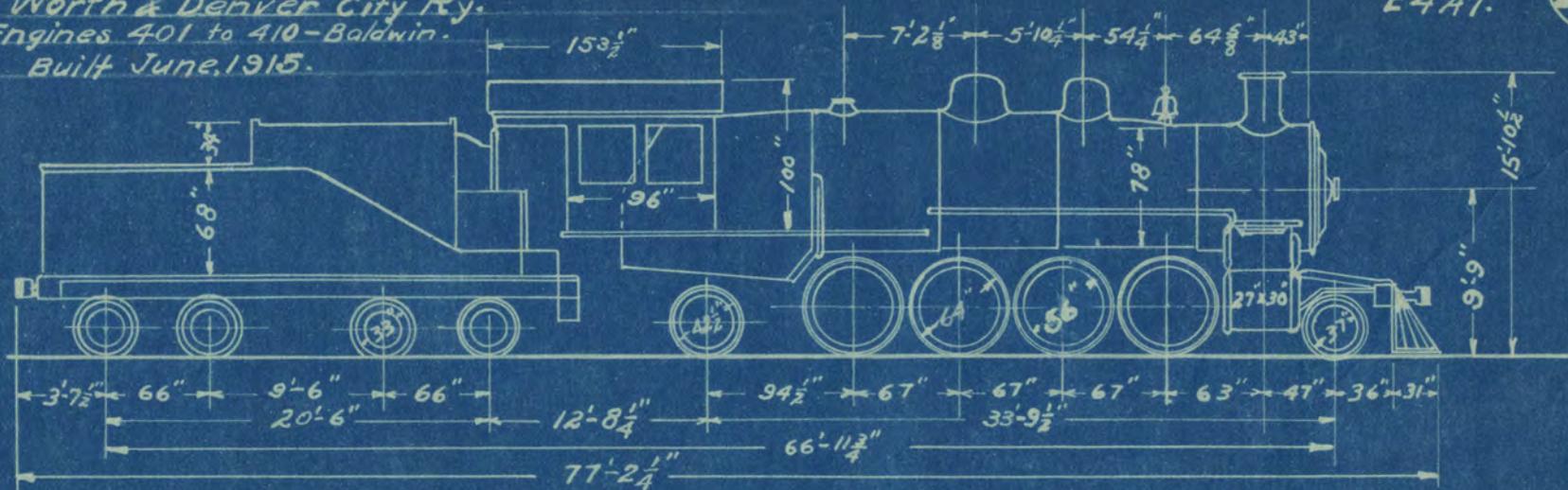
American Loco. Co. Richmond Wks.



Length of Fire Box Inside	120"	Heating Surface Fire Box	209 sqft	Weight on Drivers	175250 [#]
Height " " " Front	80"	" " Tubes	2346 " "	" " Eng. Truck.	19400 [#]
" " " " Rear	77"	" " Total	2555 " "	Total Weight of Engine	194650 [#]
Width " " " Top	69 1/2"	Grate Surface	32.7 " "	Loaded " " Tender	154,000 [#]
" " " " Grates	39 1/2"	Bailer Pressure	200 Lbs.	Weight of Engine & Ten-	
Number of Flues	334	Tractive Power	40418 "	der in Working Order	348650 [#]
Diameter " "	2"	Tender Capacity. Coal	16 Tons.	Factor of Adhesion	4.3
Length " " over sheets	13'-6"	" " Water	8000 Gal's		

Fort Worth & Denver City Ry.
Engines 401 to 410 - Baldwin.
Built June, 1915.

E441. 22

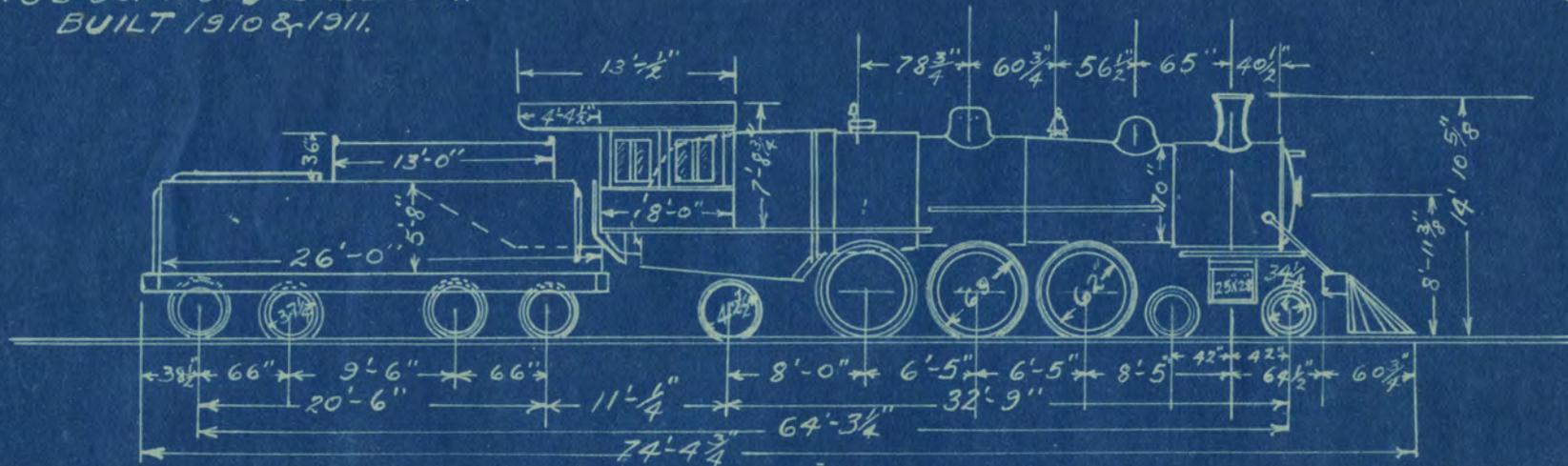


Length of Fire box, Inside	108 1/8"	Heating surface, Fire Box,	200 sq. ft.	Weight on drivers	198550 [#]
Height " " " Front.		" " , Tubes 2 1/2"	2464 " "	" " Engine Truck.	26800 [#]
" " " " Rear.		Super-heating surface	834 " "	" " Trailer "	41200 [#]
Width " " "	72 1/4"	Total " "	4522"	Total Weight of Engine	266550 [#]
No. Tubes 2 1/2" diameter	200	Grate Area	542 sq. ft.	Weight of Tender, loaded	165000 [#]
No. of Tubes 5 1/2" diameter	34	Tractive Power	52300 Lbs.	Wt. Eng. & Tender in working order	431550 [#]
Length over sheets.	21' 0"	Tender capacity, Oil.	3050 Gals.	Ratio of Adhesion	3.8
Boiler Pressure	180 Lbs.	" " , Water	8200 "		

FORT WORTH & DENVER CITY RY Co.
 ENG'S 501 to 505 BALDWIN.
 BUILT 1910 & 1911.

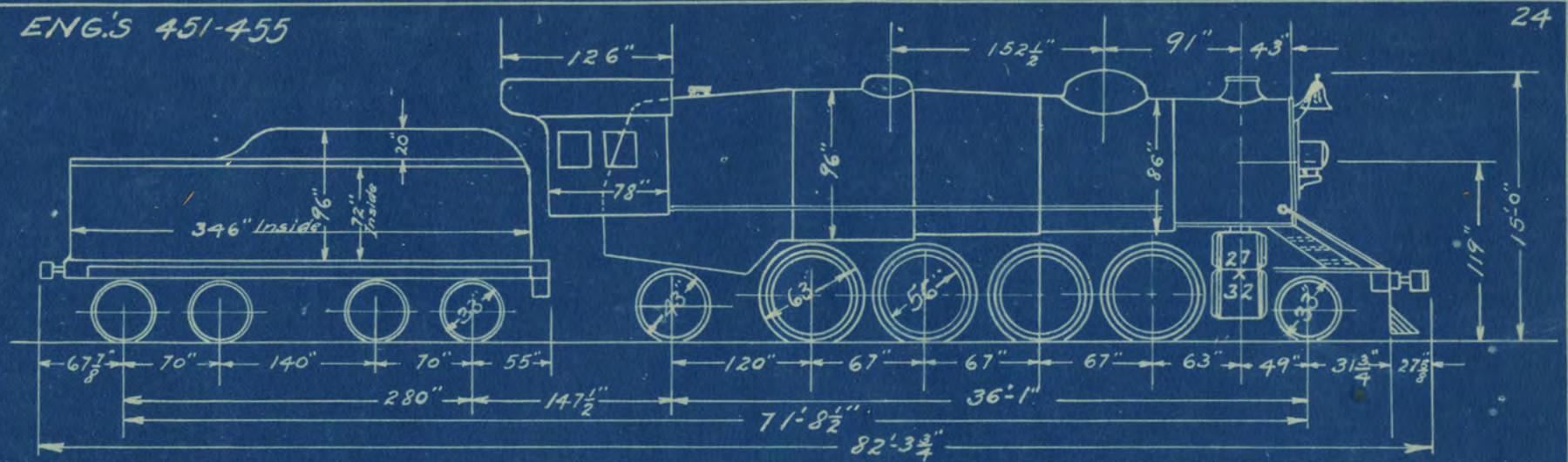
F-3A.

23



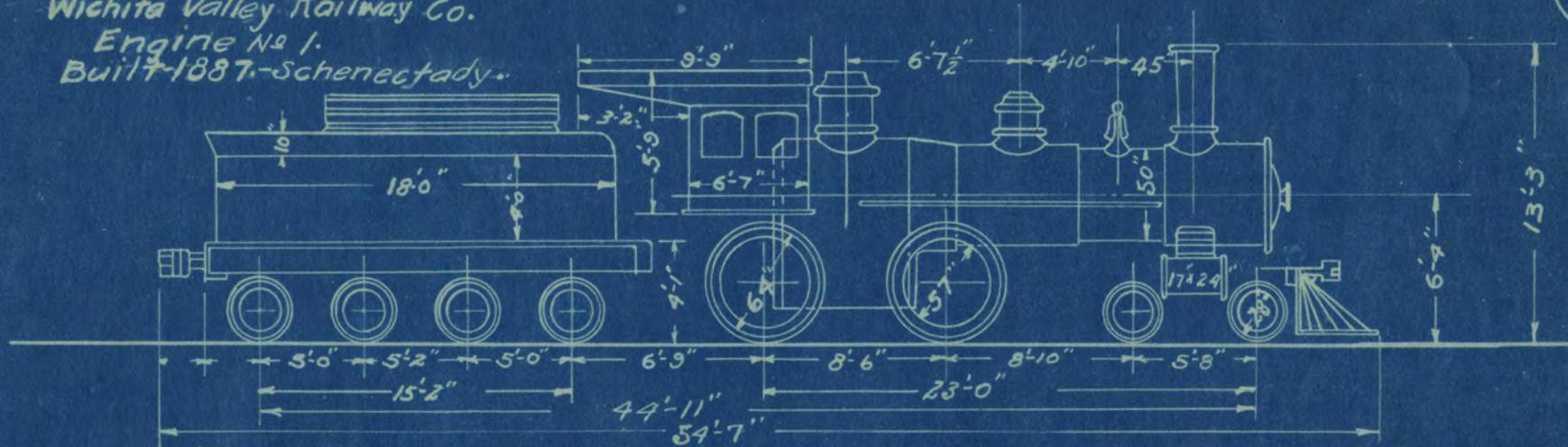
Length of firebox inside	108 $\frac{1}{2}$ "	Heating Surface Firebox	194 Sq ft	Weight on drivers	153000 [#]
Height " " front	74 $\frac{5}{8}$ "	" " Flues	2816 " "	" " Eng. Truck	44000 [#]
" " " rear	61 $\frac{7}{8}$ "	Superheating Surface	925 " "	" " Trailer truck	39000 [#]
Width " " top	68 $\frac{1}{2}$ "	Heating Surface Total	3935 " "	Total Weight of Engine	236000 [#]
" " " At Grate	72 $\frac{1}{4}$ "	Grate Area	55 " "	Weight of Tender, loaded	148000 [#]
Number of flues 2 $\frac{1}{2}$ dia.	170	Working Pressure	175 lbs.	" " Eng & Tender	
" " " 5 $\frac{1}{2}$ dia.	24	Tractive Power	37,729 [#]	in working order.	384000 [#]
Length over Sheets	21 ft	Tender Capacity - Coal.	13 Tons		
		" " Water	8200 G		

ENG'S 451-455



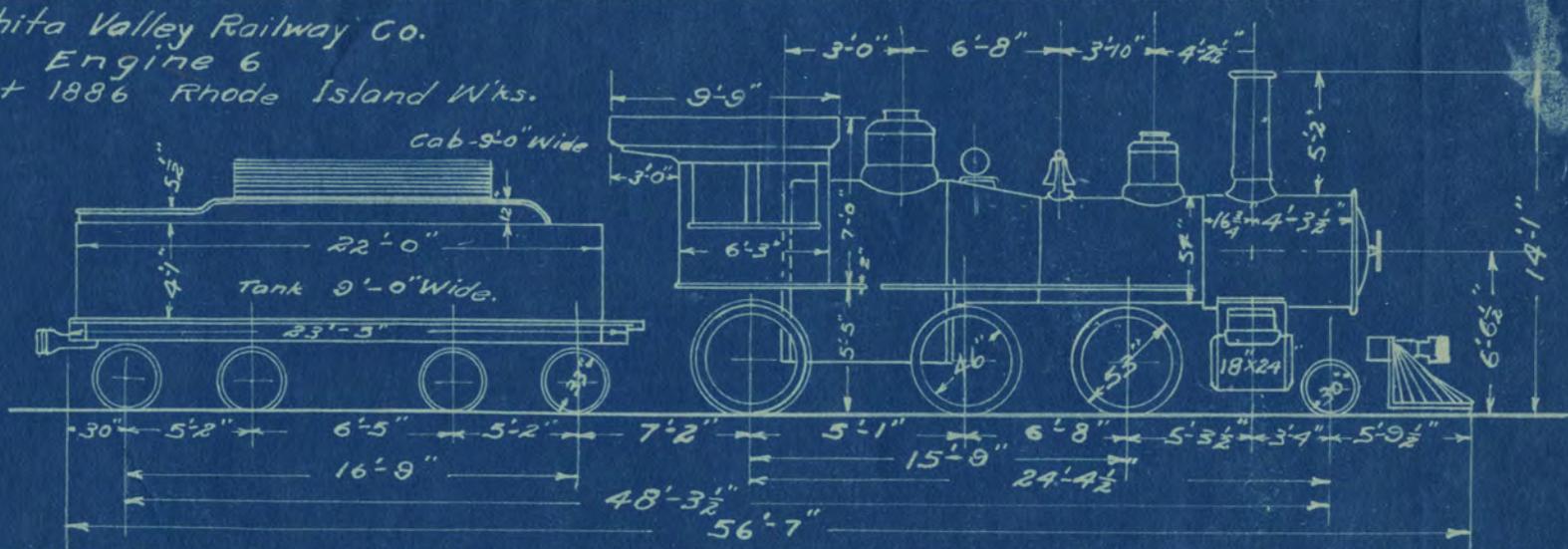
Length of Fire Box-Inside	120 $\frac{1}{2}$ "	Heating Surface-Fire-Box	279 \square '	Weight on Drivers	239,000*
Height " " " Front	68"	" " Tubes	2752 \square '	" " Eng Truck	26,000*
" " " " Rear	63 $\frac{1}{2}$ "	Superheater & Arch Tubes	1254 \square '	" " Trailer	55,000*
Width " " "	84 $\frac{1}{4}$ "	Total	4285 \square '	Total Weight of Eng.	320,000*
No. of Tubes 2 $\frac{1}{4}$ Dia	45	Grate Area	70.3 \square '	Wt. of Tender Loaded	170,000*
" " " 5 $\frac{1}{2}$ "	247	Tractive Power	59,801**	" " Engine & Tender	
Length over Sheets	228"	Tender Cap. - Coal	16 Tons	in working order	490,000
Boiler Pressure	190*	" " Water	10,000 G.	Ratio of Adhesion	3.9

Wichita Valley Railway Co.
 Engine No 1.
 Built 1887 - Schenectady.



Length of Fire Box Inside	72"	Heating Surface, Fire Box	108.5 ^{sq}	Wt on Drivers	48450 [#]
Height " " " Front	67 1/2"	" " Tubes	980 ^{sq}	" " Eng. Truck	30550 [#]
" " " " Rear.	67"	" " Total	1088.5 ^{sq}		
Width " " " Top	3'7 3/4"	Grate Surface	17 ^{sq}	" " Total Engine	79000 [#]
" " " " Grates	2'-10"	Boiler Pressure	145 [#]	" Of Tender Loaded	76500 [#]
Number of Flues	182	Tractive Power	13357 [#]	" " Engine & Tender	
Diameter " " "	2"	Tender Capacity, Coal	7.0 T.	in Working Order	155,500 [#]
Length " " O'er. Sh'ts.	11'-6"	" " Water	3500 G.		

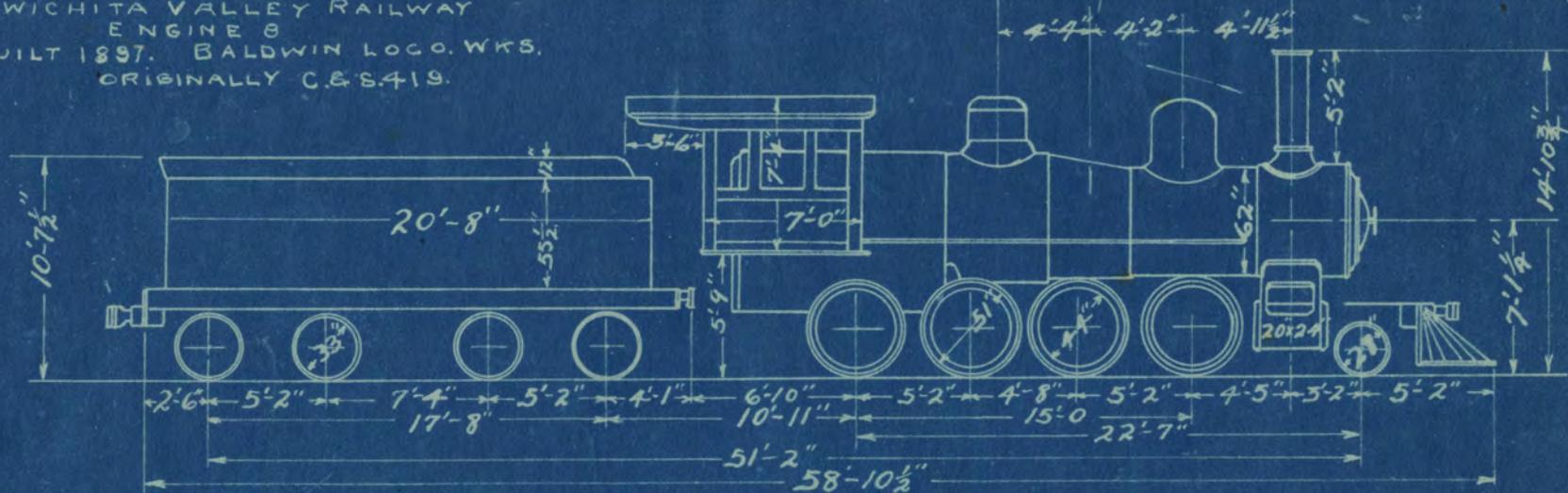
Wichita Valley Railway Co.
 Engine 6
 Built 1886 Rhode Island Wks.



2.

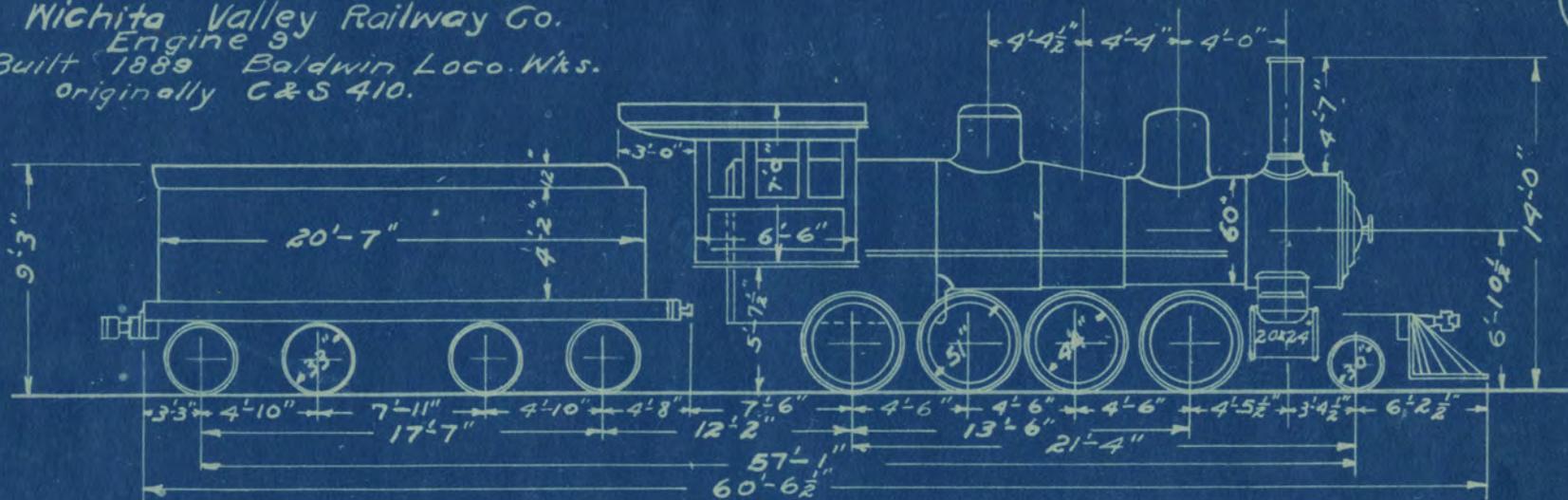
Length of Fire Box Inside	78"	Heating Surface. Fire Box	150 ^{sq}	Weight on Drivers	90,000 ^{lb}
Height " " " Front	65"	" " " Flues	11638 ^{sq}	" " Eng. Truck	16,000 ^{lb}
" " " " Rear		" " " Total	13138 ^{sq}	" of Eng. Total	106,000 ^{lb}
Width " " " Top	55 1/2"	Grate Surface	18.4 ^{sq}	" " Tender Load	
" " " " Grates	34"	Boiler Pressure	145 ^{psi}	Weight of Engine & Tender in Working Order	
Number of Flues	206	Tractive Power	1808 3/4 ^{hp}		
Diameter " "	2"	Tender Capacity. Coal	8 T ₆		
Length of Flues Over Shfts	10'-10 1/2"	" " " Water	5000 G.		

WICHITA VALLEY RAILWAY
ENGINE 8
BUILT 1897. BALDWIN LOCO. WKS.
ORIGINALLY C.&S. 419.



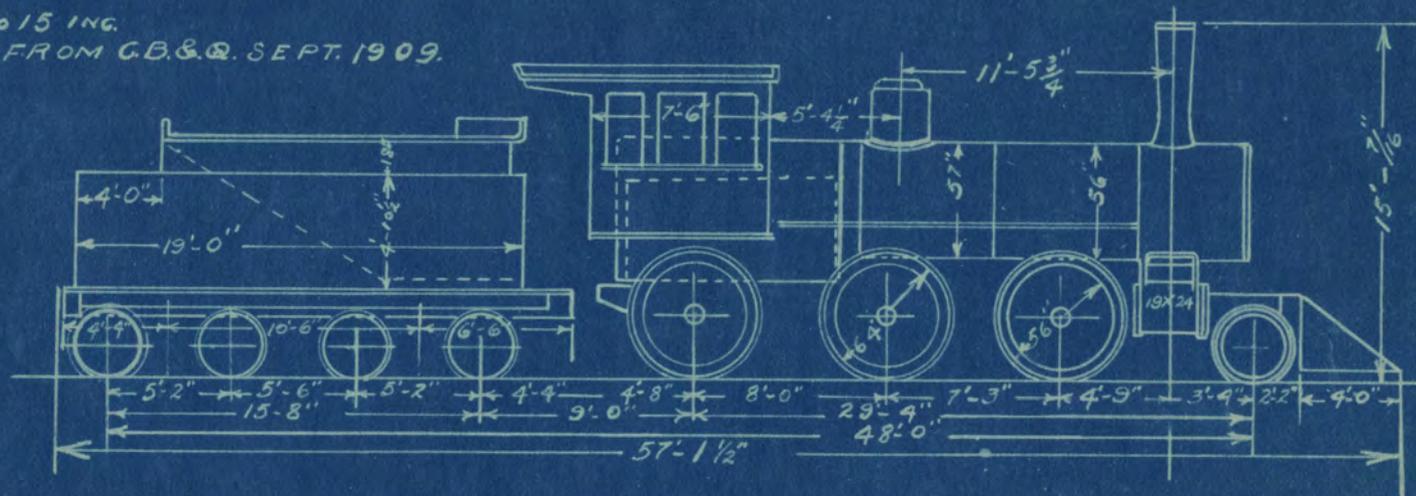
Length of Fire box inside	107 $\frac{3}{8}$ "	Heating Surface Firebox.	168.7 ⁰ '	Weight on drivers	123400 [#]
Height " " Front	65 $\frac{1}{2}$ "	" " Flues	1933.6 ⁰ '	" " Eng. Truck.	14900 [#]
" " " " Rear	62 $\frac{1}{2}$ "	" " Total	2102.3 ⁰ '	" of Engine Total	138300 [#]
Width " " " Top	60"	Grate Area	24.8 ⁰ '	" " Tender Loaded	119000 [#]
" " " " Grates	33 $\frac{1}{4}$ "	Boiler Pressure	165 [#]	" " Engine & Tender	
Number of Flues	269	Tractive Power	26400 [#]	in working order.	257300 [#]
Diameter " "	2"	Tender Capacity - Coal	14 T.		
Length " " over sheets	13'-8"	" " Water	6000 G		

Wichita Valley Railway Co.
 Engine 9
 Built 1889 Baldwin Loco. Wks.
 Originally C&S 410.



Length of Fire Box Inside	108"	Heating Surface Fire Box	167.5 ^o '	Weight on Drivers	110000 [#]
Height " " Front	54 ¹ / ₂ "	" " Flues	1789.9 ^o '	" " Eng. Truck	14400 [#]
" " " Rear	50"	" " Total	1957.4 ^o '	" of Engine Total	124400 [#]
Width " " Top	57 ¹ / ₂ "	Grate Area	255 ^o '	" " Tender Loaded	89833 [#]
" " " Grates	34"	Boiler Pressure	165 [#]	" " Engine & Ten-	
Number of Flues	258	Tractive Power	26400 [#]	der in Working Order	214233 [#]
Diameter of Flues	2"	Tender Capacity Coal	10 T.		
Length of " Over Sh'ts	13 ¹ / ₂ "	" " Water	4000 G.		

WICHITA VALLEY RAILWAY.
 ENG'S. 11 TO 15 INC.
 PURCHASED FROM C.B.&O. SEPT. 1909.

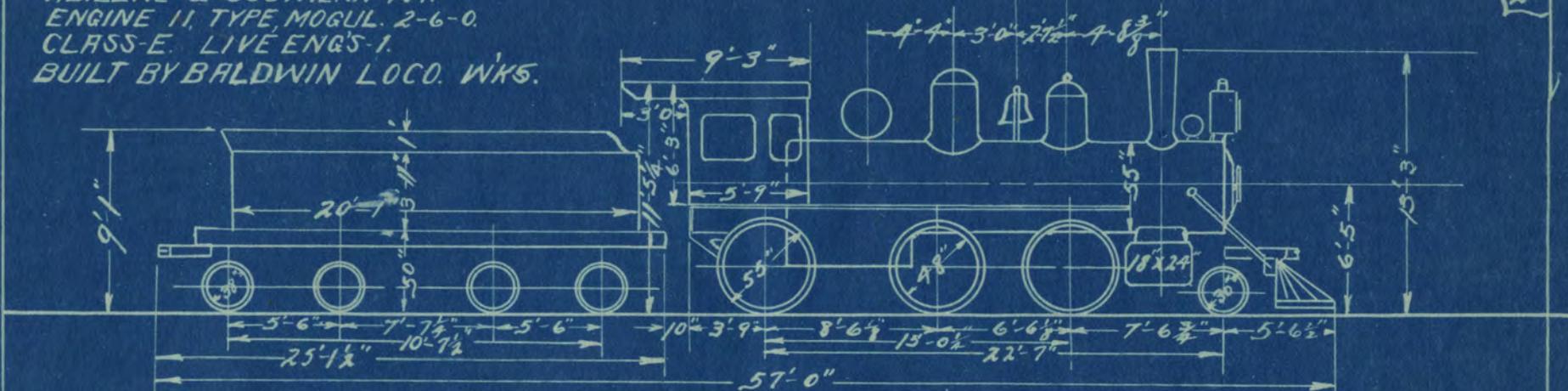


LENGTH OF FIRE BOX INSIDE	108"	HEATING SURFACE FIRE BOX	126 ^{sq} '	WEIGHT ON DRIVERS	91,500 ^{lb}
HEIGHT " " FRONT		" " FLUES	1468 ^{sq} '	" " ENG TRUCK	18,500 ^{lb}
" " " REAR		TOTAL	1584 ^{sq} '	" OF ENGINE TOTAL	110,000 ^{lb}
WIDTH " " TOP		GRATE SURFACE	31.5 ^{sq} '	" " TENDER LOADED	94,700 ^{lb}
" " " GRATES	42"	BOILER PRESSURE	160 ^{psi}	" " ENGINE & TEN-	
NUMBER OF FLUES	226	TRACTION POWER	18411 ^{hp}	DER IN WORKING ORDER.	204,700 ^{lb}
DIAMETER " "	2"	TENDER CAPACITY COAL	9 TONS	FACTOR OF ADHESION	4.9
LENGTH OF FLUES OVER SHEETS	12'-4 1/2"	" " WATER	5000.6		

5-1-19.

ABILENE & SOUTHERN RY.
 ENGINE 11, TYPE MOGUL. 2-6-0.
 CLASS-E. LIVE ENGS-1.
 BUILT BY BALDWIN LOCO. WKS.

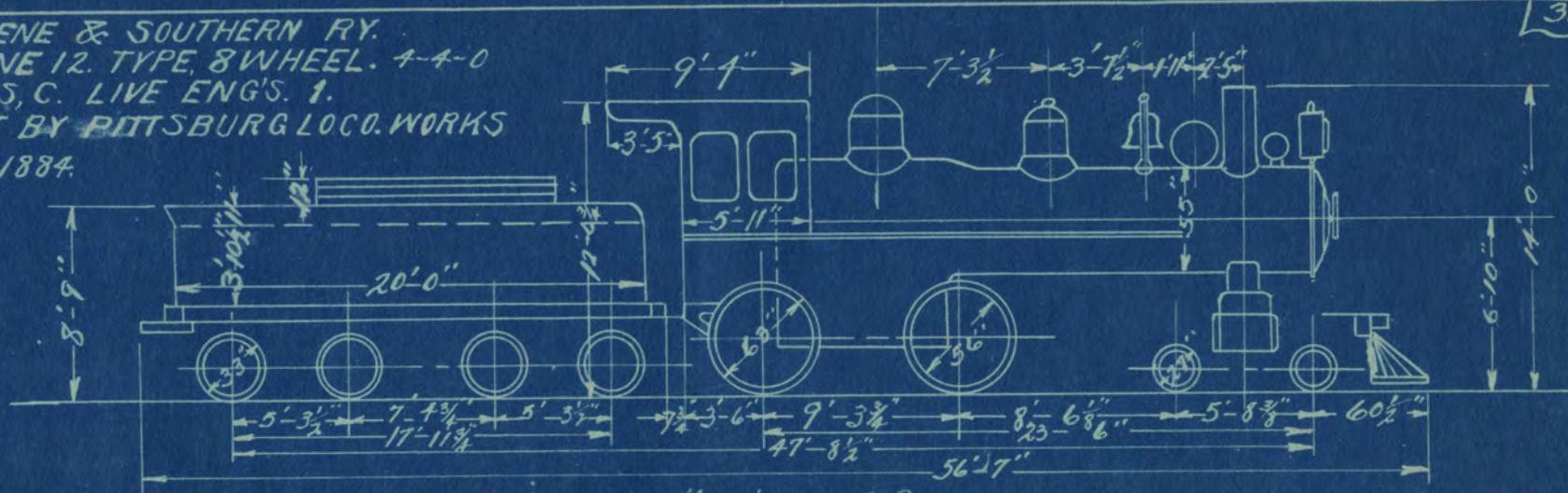
2



Factor Adhesion — 4.6

Length of Fire Box	71 1/2"	Heating Surface		Tender Cap'cy Water	3500 G.
Height " " " Front		Fire Box	130 ^{sq} '	Wt. on Drivers	78,000 #
" " " " Back		Flues	1193.4 ^{sq} '	" " Eng. Truck	11,400 #
Width " " " "	32 3/4"	Total	1323.4 ^{sq} '	" " Total Engine	89,400 #
" " " " Grates		Grate Surface	17 ^{sq} '	" of Tender Loaded	80,600 #
Number of Flues	204	Boiler Pressure	140 #	" of Engine &	
Diameter " " "	2"	Tractive Power	16,800 #	Tender in working	
Length " " "	11'-2"	Tender Cap'cy coal	12 T.	order	170,000*

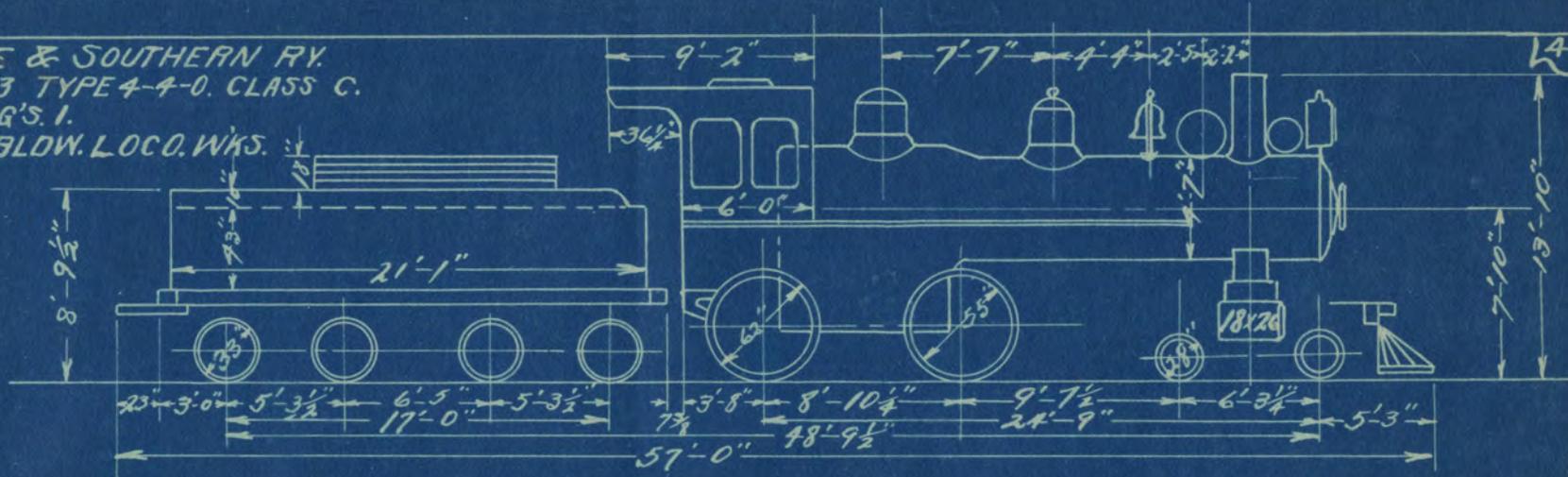
ABILENE & SOUTHERN RY.
 ENGINE 12. TYPE, 8 WHEEL. 4-4-0
 CLASS, C. LIVE ENGS. 1.
 BUILT BY PITTSBURG LOCO. WORKS
 1884.



Factor of Adhesion 4.9

Length of Fire Box.	80 1/4"	Heating Surface		Tender Capacity, Water	3500 G.
Height " " Front		Fire Box	130.0 sq'	Weight on Drivers	72,000 #
" " " Back		" " Flues	1136.8 sq'	" " Eng. Truck	35,630 #
Width " " Grates	33 1/2"	" " Total	1266.8 sq'	" " Total Engine	107,630 #
Number of Flues	194	Grate Surface	19 sq'	" of Tender Loaded	70,370 #
Diameter " "	2"	Boiler Pressure	140 #	" of Engine and	
Length " "	11' 2 1/4"	Tractive Power	14,700 #	Tender in working	
		Tender Capacity, Coal	12 T.	order	178,000 #

ABILENE & SOUTHERN RY.
 ENGINE 13 TYPE 4-4-0. CLASS C.
 LIVE ENQ'S. I.
 BUILT BY BLDW. LOCO. WKS.



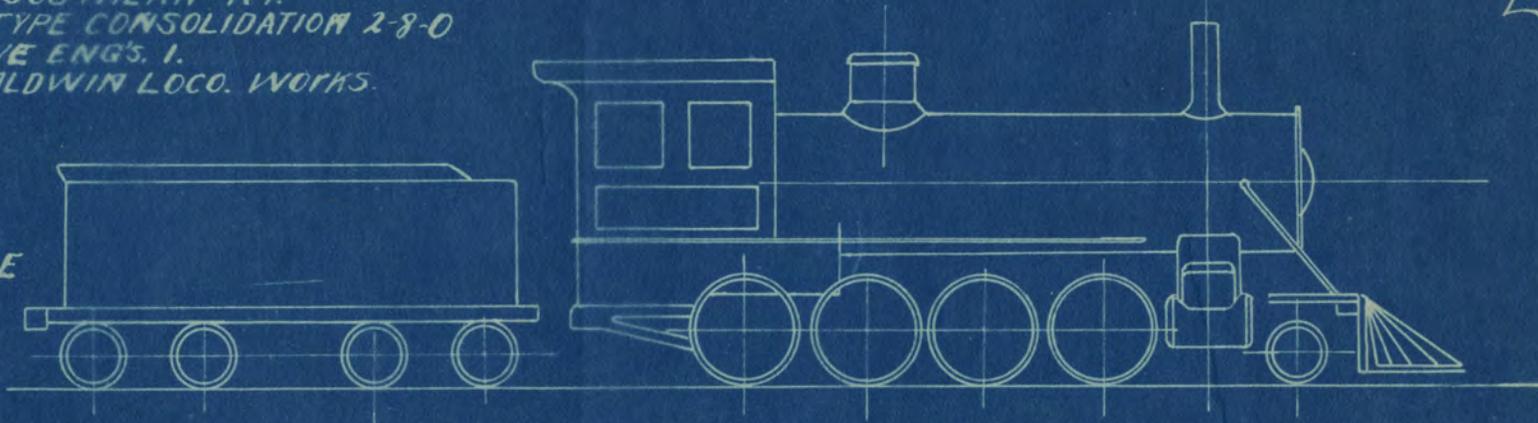
Factor of Adhesion 4.6

Length of Fire Box	72 1/2"	Heating Surface Fire Box	110.6 sq'	Weight on Drivers	74,000#
Height " " " Front		" " Flues	1315.6 sq'	" " Eng. Truck	33,540#
" " " " Back		" " Total	1426.2 sq'	" " Total Eng.	107,540#
Width " " "	34 3/8"	Grate Surface	17 sq'	" of Tender Loaded	82,460#
" " " " Grates		Boiler Pressure	140 #	" " Engine and	
Number of Flues	201	Tractive Power	16,170#	Tender Loaded	190,000#
Diameter " " "	2"	Tender Capacity Coal	12 T.		
Length " " "	12'-6"	" " Water	4,000 G.		

ABILENE & SOUTHERN RY.
 ENGINE 15, TYPE CONSOLIDATION 2-8-0
 CLASS 9, LIVE ENGS. 1.
 BUILT BY BALDWIN LOCO. WORKS.

5

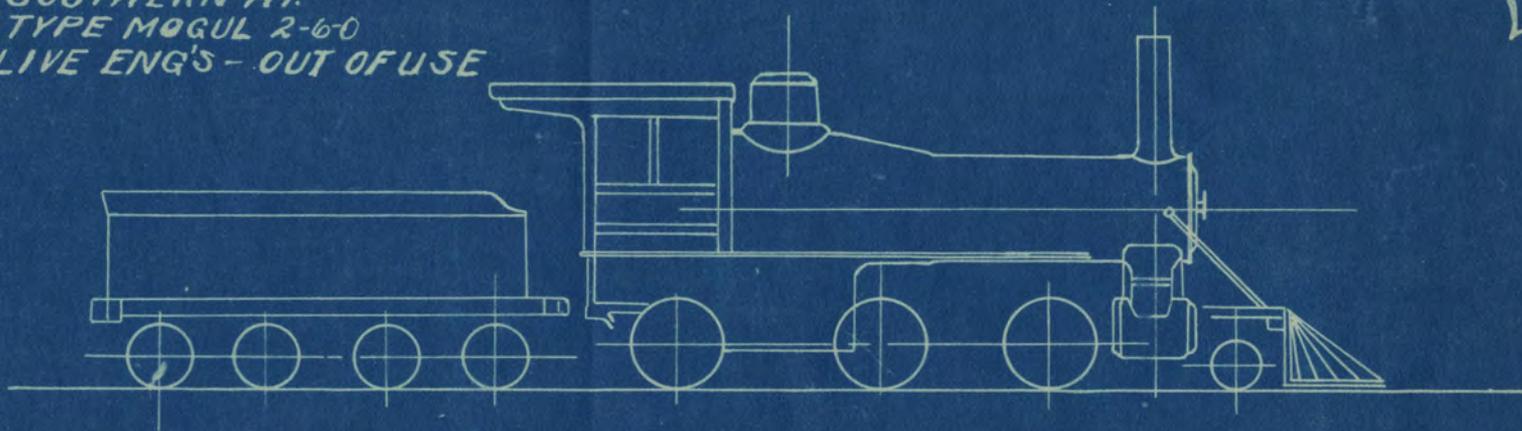
OUT OF
 SERVICE



Length of Fire Box	Heating Surface Fire Box	Weight on Drivers
Height " " Front	" " Flues	" " Eng. Truck
" " " Back	" " Total	" " Total Engine
Width " " "	Grate Surface	" of Tender Loaded
" " " " Grates	Boiler Pressure	" of Engine and
Number of Flues	Tractive Power	Tender in working
Diameter " "	Tender Capacity Coal	order
Length " "	" " Water	

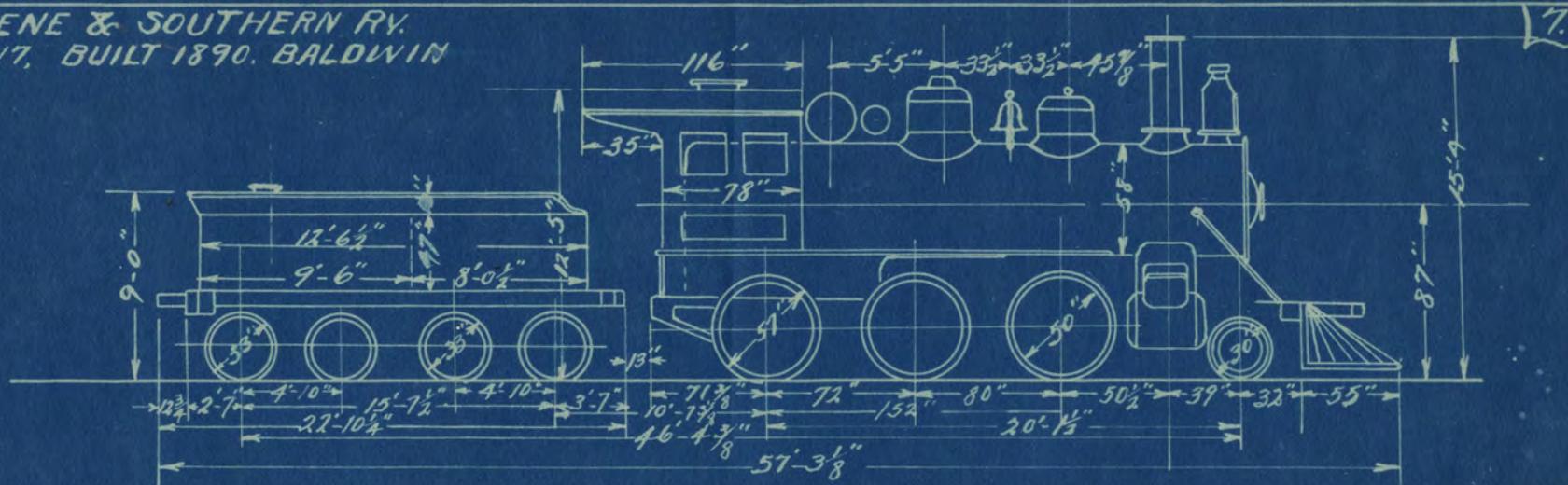
ABILENE & SOUTHERN RY.
 ENGINE 16, TYPE MOGUL 2-6-0
 CLASS-E. LIVE ENG'S - OUT OF USE
 BUILT BY

16



Length of Fire Box		Heating Surface Fire Box		Weight on Drivers	
Height " " " Front		" " Flues		" " Eng. Truck	
" " " " Back		Total		" " Total Engine	
Width " " "		Grate Surface		" of Tender Loaded	
" " " " Grates		Boiler Pressure		" of Engine and	
Number of Flues		Tractive Power		Tender in working	
Diameter " "		Tender Capacity Coal		order.	
Length " "		" " Water			

ABILENE & SOUTHERN RY.
 ENG. 17, BUILT 1890. BALDWIN



Length of Fire Box inside	7'-11 ³ / ₈ "	Heating Surface Fire Box	135 ^{sq} '	Weight on Drivers	91,400#
Height " " " Front		" " " Flues	1416 ^{sq} '	" " " Eng. Truck	13,400#
" " " " Rear		" " " Total	1551 ^{sq} '	" " " Total	104,800*
Width " " " "	2'-8 ³ / ₄ "	Grate " "	22.9 ^{sq} '	" " " of tender Loaded	84,200*
" " " " Grates		Boiler Pressure	147#	" " " Engine and	
Number of Flues	236	Tractive Power	19036#	Tender in working	
Diameter " " "	2"	Tender Capacity. Coal	8 T.	order	189,000*
Length " " "	11'-6"	" " " Water	3500 G.	Factor of Adhesion	4.8