Diagrams

Freight Cars

UNION PACIFIC SYSTEM

THE OVERLAND ROUTE

OREGON SHORT LINE

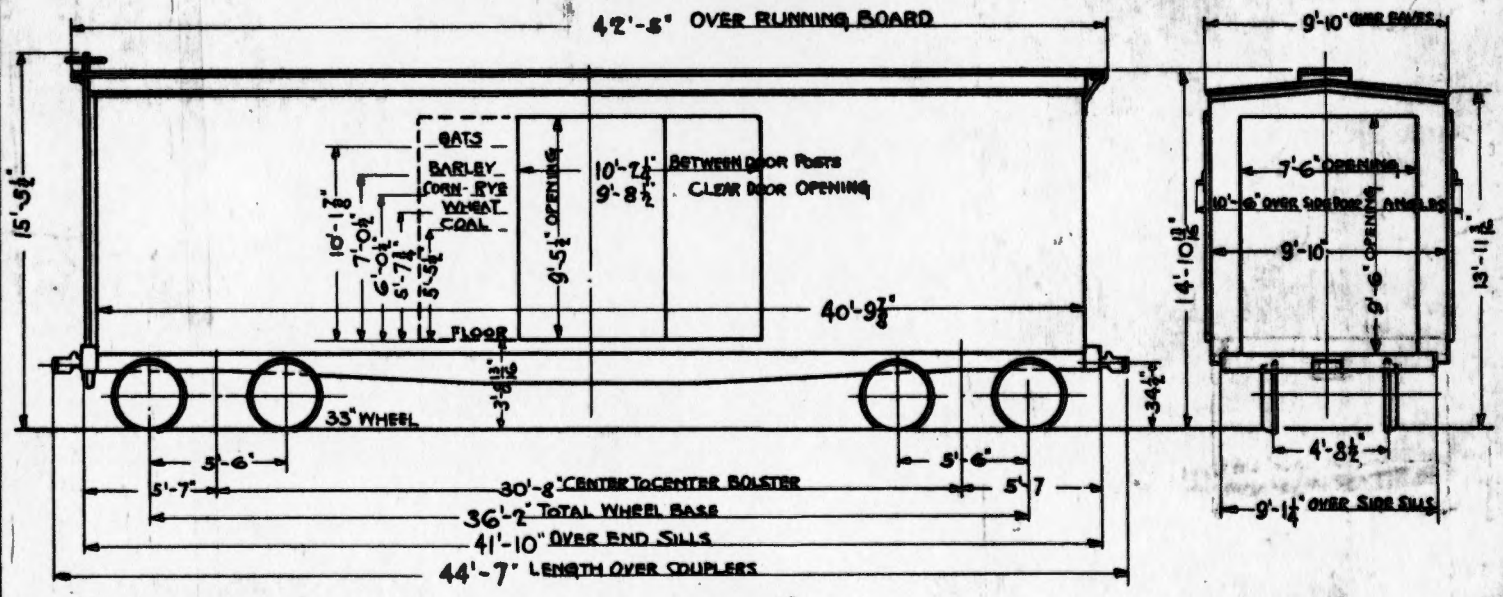
FOLIO 1500

NO. [redacted]

COMMON STANDARD AUTOMOBILE CAR

100000 LBS. CAPACITY.

CLASS A-50-1, SPECIFICATION NO-62.



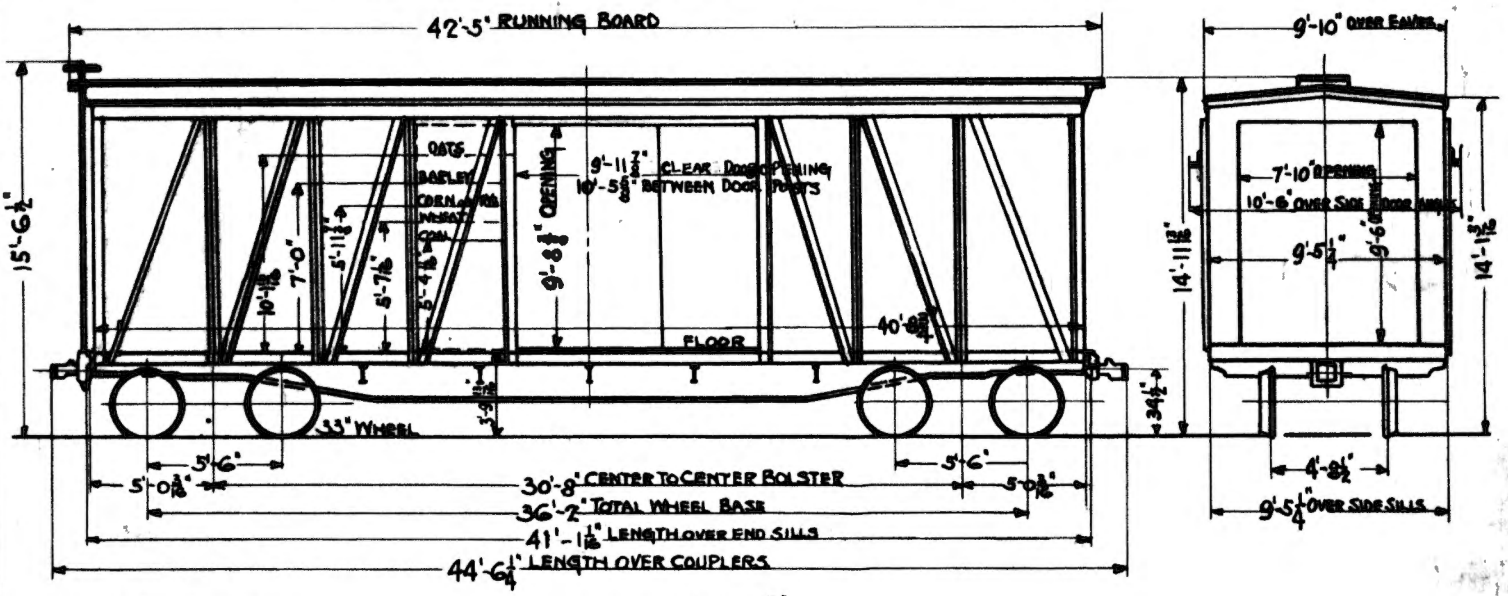
LENGTH INSIDE OF LINING	40'-0⅛"
WIDTH " " "	9'-2"
HEIGHT TOP OF FLOOR TO BOTTOM OF CARLINE	10'-0"
CUBIC CAPACITY	3670 CU. FT.
LIGHT WEIGHT OF EACH ANDREWS TRUCK, ABOUT	7,973 LBS.
" " " CAR COMPLETE WITH ANDREWS TRUCK, ABOUT	47689 "

FOR GENERAL DESIGN SEE DWG. C-1674

COMMON STANDARD AUTOMOBILE CAR.

100000 LBS. CAPACITY.

CLASS A-50-3, SPECIFICATION NO-62-B.

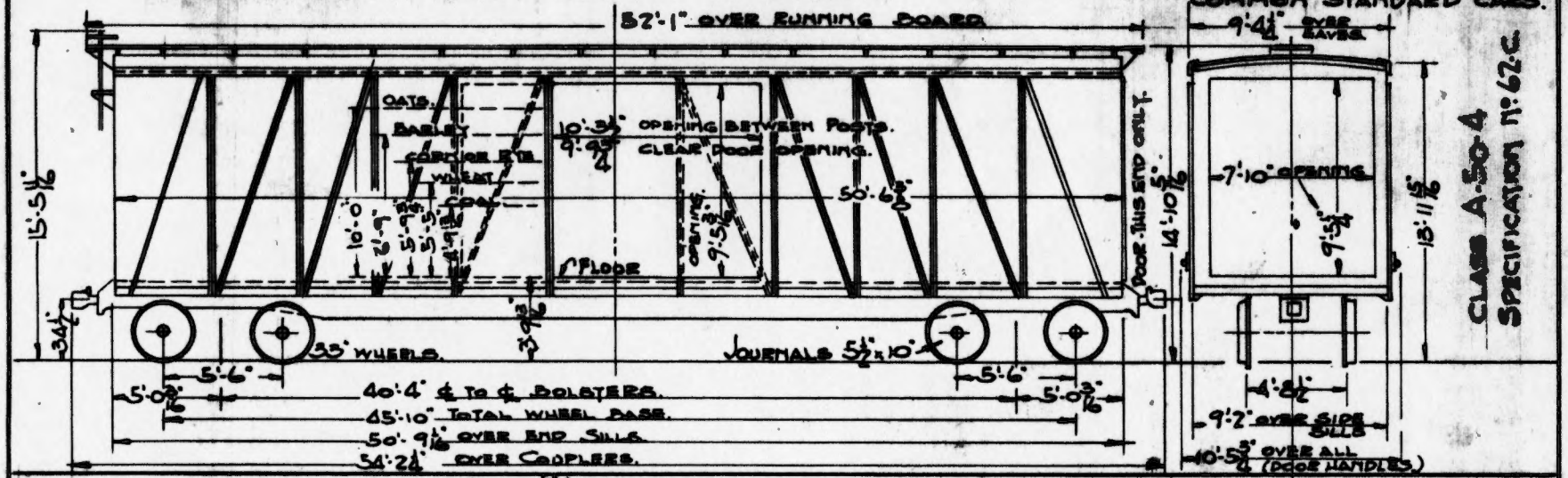


LENGTH INSIDE OF LINING	40'-2⅜"
WIDTH " " "	9'-2¼"
HEIGHT TOP OF FLOOR TO BOTTOM OF CARLINE	10'-0"
CUBIC CAPACITY	3712 CU. FT.
LIGHT WEIGHT OF EACH ANDREWS TRUCK, ABOUT	7073 LBS.
" " " CAR COMPLETE WITH ANDREWS TRUCK, ABOUT	43960 "
" " " EACH BETTENDORF TRUCK, ABOUT	7593 "
" " " CAR COMPLETE WITH BETTENDORF TRUCK, ABOUT	43200 "

FOR GENERAL DESIGN SEE DWG. C-1958

AUTOMOBILE CARS 160.001 TO 160,600. OSL

160,000 LBS. CAPACITY
COMMON STANDARD CARS.

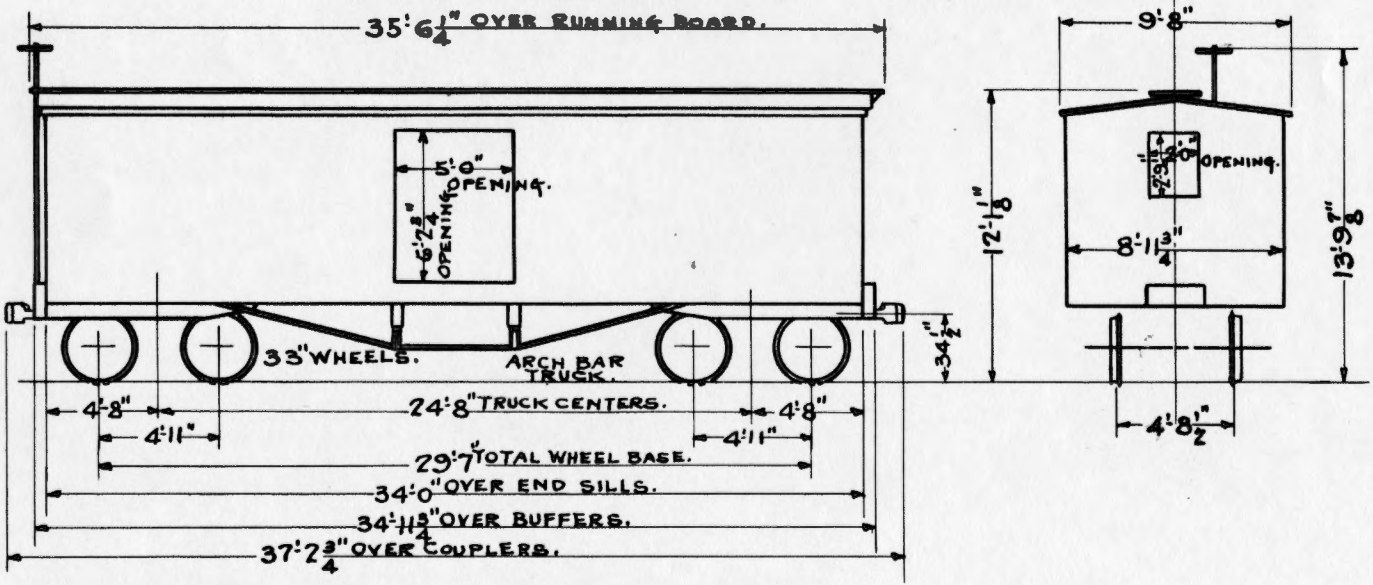


LENGTH - INSIDE	50'-0⅝"	AIR BRAKE EQUIP.	NEW YORK	BODY BOLSTER	CAST STEEL.
WIDTH - INSIDE	9'-2"	TRIPLE VALVE	K-2	TRUCK BOLSTER	BUCKEYE.
HEIGHT - TOP OF FLOOR TO BOTTOM OF CARLINE	10'-1⅛"	BRAKE BEAMS.	CRECO #2.	TRUCK SIDE FRAMES.	VULCAN
CUBIC CONTENTS	4630 CU. FT.	COUPLERS	CLIMAX	TRUCK SPRINGS.	ARA CLUSTER D
LIGHT WEIGHT - EACH TRUCK - ABOUT	7507 LBS	DRAFT GEAR	MINER TANDEM	DOOR FIXTURES.	CAMEL.
LIGHT WEIGHT - CAR COMPLETE - ABOUT	51883 LBS	ROOF - STD. RY. CO'S.	ALL STEEL RADIAL.	BUILDER	WESTERN STEEL CAR + FDRY. CO.
UNDER FRAME	BETTENDORF	ENDS.	CORRUGATED PRESSED STL.	BUILT.	1914
SUPERSTRUCTURE	ALL STEEL.	SIDE BEARINGS.	MINER GRAVITY ROLL.		

1-2-26.

UNION PACIFIC BOX CAR

60000 LBS. CAPACITY.
SERIES 65000-68499



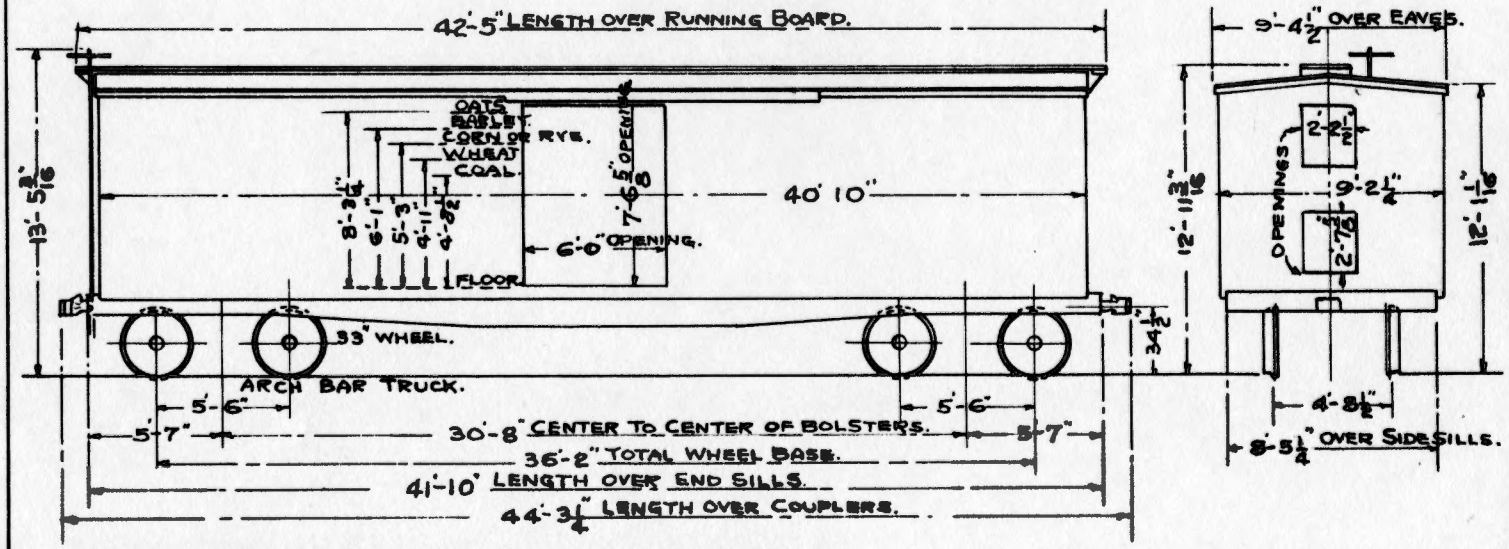
LENGTH INSIDE OF LINING	33'-5 1/4"
WIDTH INSIDE OF LINING	8'-3 1/4"
HEIGHT TOP OF FLOOR TO BOTTOM OF CARLINE	6'-9"
CUBIC CAPACITY	1865 CU. FT.
LIGHT WEIGHT OF EACH TRUCK ABOUT	
LIGHT WEIGHT OF CAR COMPLETE ABOUT	31000 LBS

FOR GEN. DESIGN SEE SHEET 34 DRAWER 21.

COMMON STANDARD BOX CAR

80000 LBS CAPACITY

CLASS B-40-1 SPECIFICATION CS 51



LENGTH INSIDE OF LINING	40'-0"
WIDTH INSIDE OF LINING	8'-5"
HEIGHT TOP OF FLOOR TO BOTTOM OF CARLINE	8'-0"
CUBIC CAPACITY	2720 CU. FT.
LIGHT WEIGHT OF EACH TRUCK ABOUT	7200 LBS.
LIGHT WEIGHT OF CAR COMPLETE ABOUT	40000 LBS.

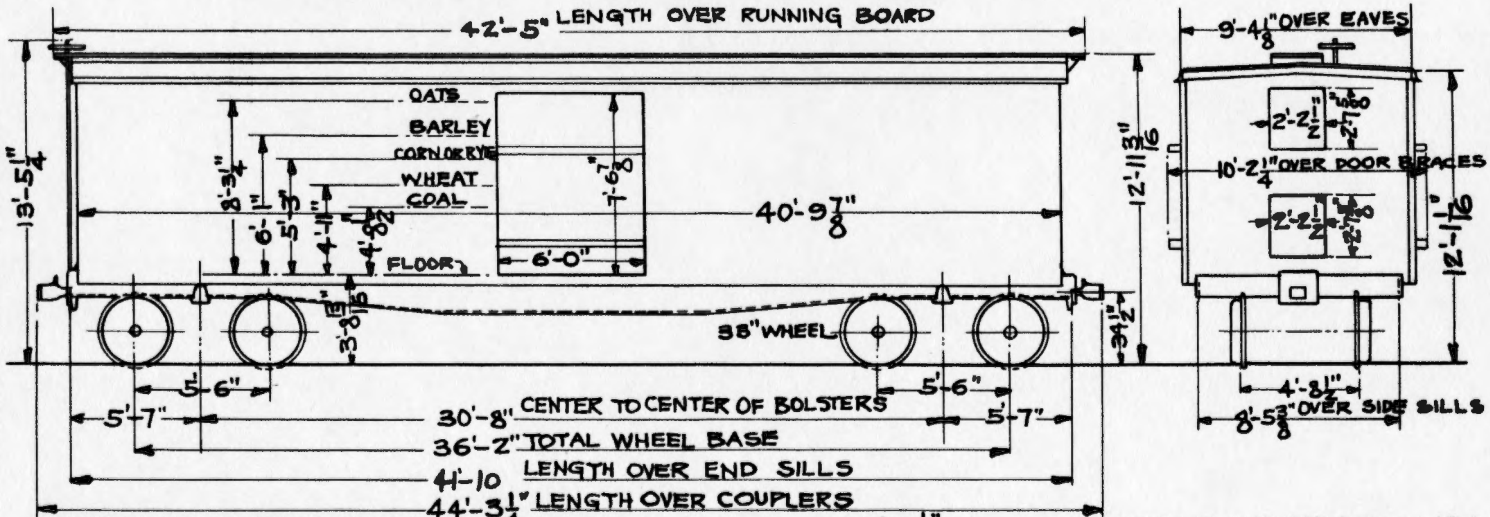
FOR GENERAL DESIGN SEE DWG. C-134.

A.S.M.

COMMON STANDARD BOX CAR

800000 LBS CAPACITY

CLASS B-40-2 SPECIFICATION C S-51-A



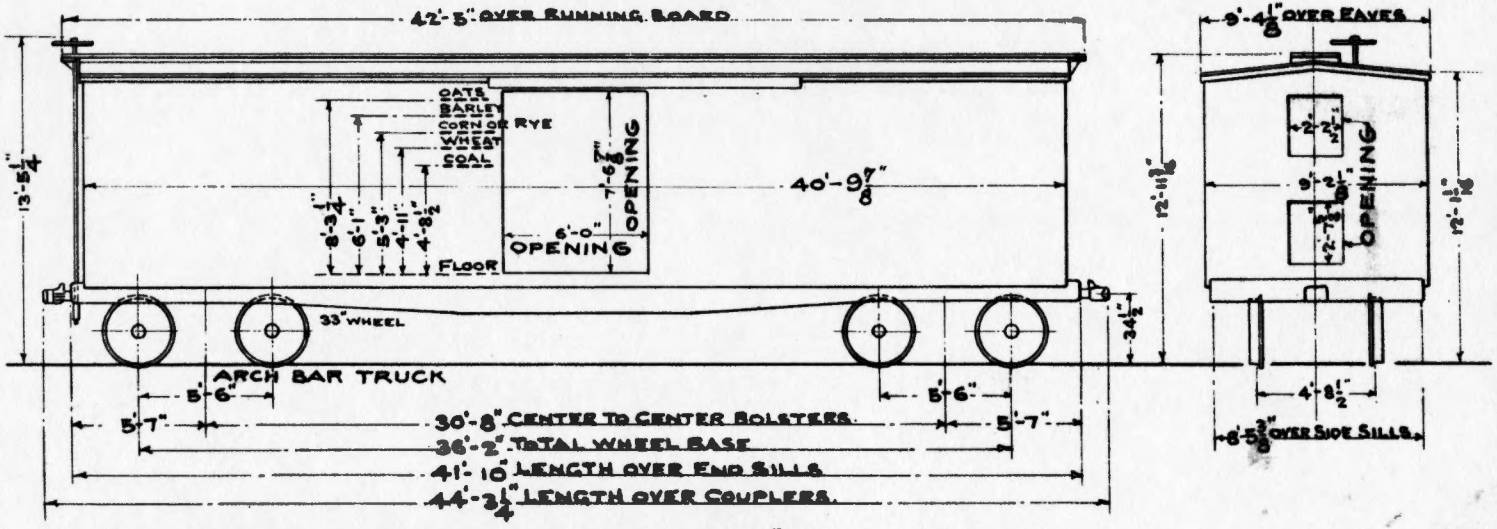
LENGTH INSIDE OF LINING	40'-0 1/8"
WIDTH INSIDE OF LINING	8'-6 1/2"
HEIGHT TOP OF FLOOR TO BOTTOMN OF CARLINE	8'-0 1/4"
CUBIC CAPACITY	2730 CU. FT.
LIGHT WEIGHT OF EACH TRUCK ABOUT	7124 LB'S.
LIGHT WEIGHT OF CAR COMPLETE ABOUT	37439 LB'S.

FOR GENERAL DESIGN SEE DWG. C-184.

COMMON STANDARD BOX CAR

80000 LBS. CAPACITY

CLASS-B-40-3 SPECIFICATION CS-51-B



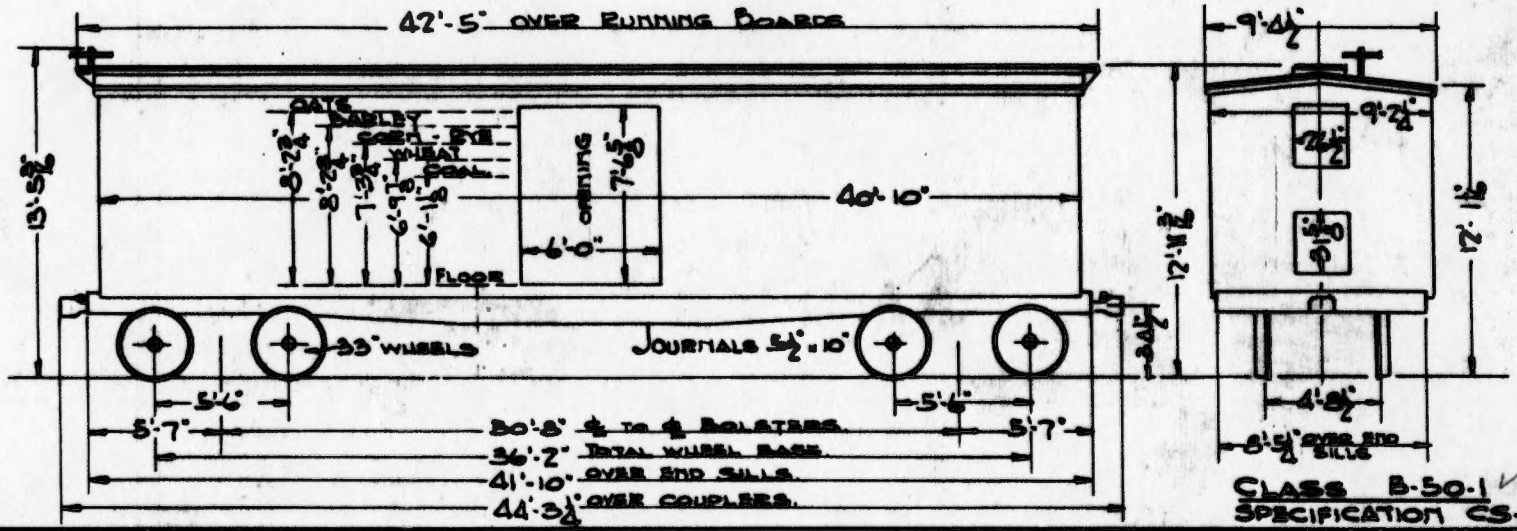
LENGTH INSIDE OF LINING ---------- 40'-0 1/8"
WIDTH INSIDE OF LINING ---------- 8'-6 1/8"
HEIGHT TOP OF FLOOR TO BOTTOM OF CARLINE -- 8'-0 1/4"
CUBIC CAPACITY ---------- 2730 CU. FT.
LIGHT WEIGHT OF EACH TRUCK ABOUT ------ 7124 LBS.
LIGHT WEIGHT OF CAR COMPLETE ABOUT --- 37800 LBS.

FOR GENERAL DESIGN SEE DWG-C-1130

R.J.B.

BOX CARS 17000 TO 17245.

100,000 LBS. CAPACITY



CLASS B-50-1
SPECIFICATION CS-50

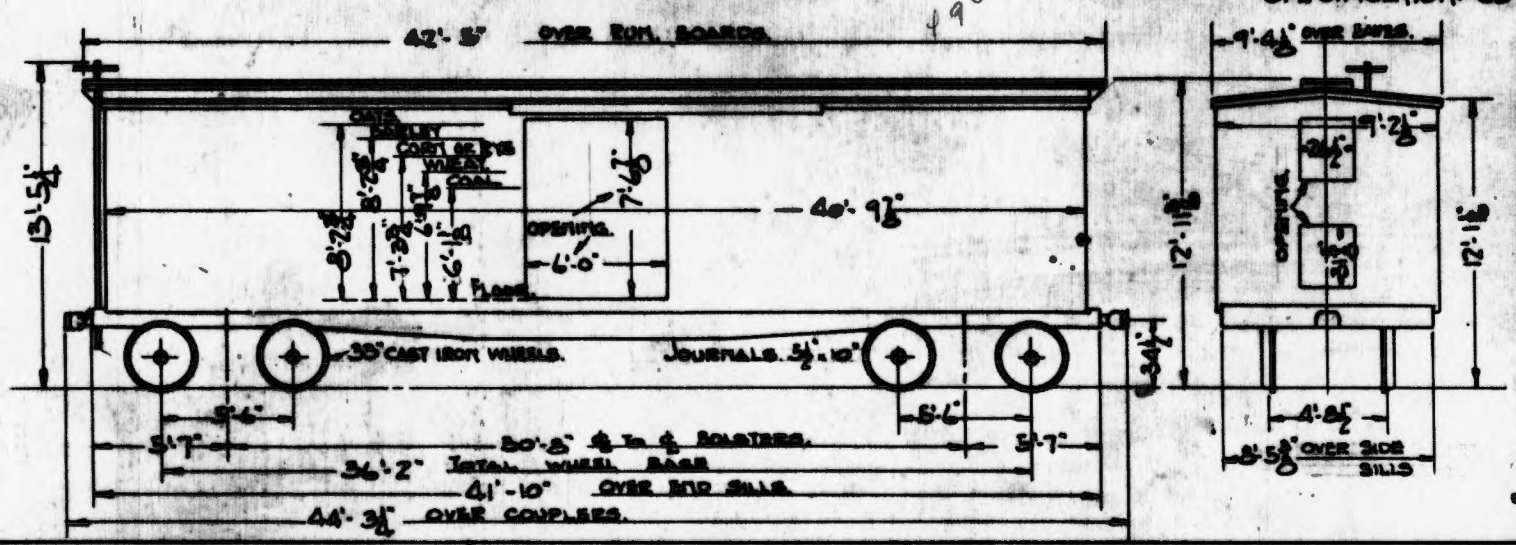
LENGTH - INSIDE LINING	40'-0"	AIR BRAKES EQUIP.	NEW YORK	SIDE BEARINGS	MINER GRAVITY ROLLER
WIDTH - INSIDE LINING	8'-6"	TRIPLE VALVE	K-2.	TRUCK SIDE FRAMES	ARCH BAR
HEIGHT - FLOOR TO BOTTOM OF CARLINE	8'-0"	BRAKE BEAMS	DAMASCUS	TRUCK SPRINGS	ARA CLUSTER "D"
CUBIC CAPACITY	2720 CU. FT.	COUPLERS	CLIMAX	SIDE DOOR FIXTURES	SECURITY
LIGHT WEIGHT. EACH TRUCK - ABOUT	8500 LBS	DRAFT GEAR	MINER TANDEM	SIDE DOOR FASTENERS	NATIONAL
LIGHT WEIGHT. CAR COMPLETE - ABOUT	44000 LBS	ROOF	MURPHY	BUILDER	AMERICAN CAR & FDRY.
UNDER FRAME	PRESSED STEEL	BODY BOLSTERS	PRESSED STEEL	BUILT	1904.
SUPERSTRUCTURE.	WOOD	TRUCK BOLSTERS	SIMPLEX.		

1-2-26.

5

BOX CARS. 17246 to 17736.

100,000 LBS. CAPY.
CLASS B-50-2.
SPECIFICATION. CS 50-A



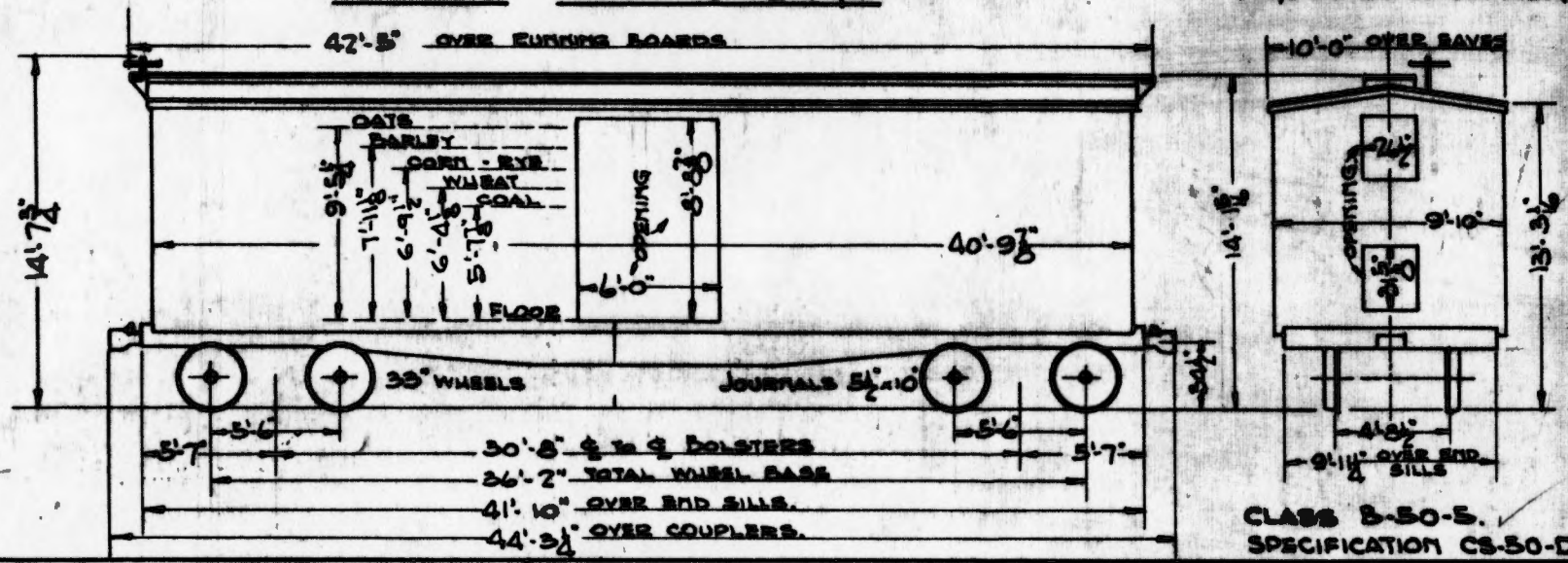
LENGTH INSIDE LINING	40'-0⅞"	AIR BRAKE EQUIP. NEW YORK. CAR.	SIDE BEARINGS — MINER GRAVITY ROLLER.
WIDTH INSIDE LINING	8'-6⅝"	KIND OF TRIPLE — [illegible]	TRUCK SIDE FRAMES — ARCH BAR.
HEIGHT - FLOOR to BOTTOM OF CARLINE	8'-0¼"	BRAKE BEAMS — DAMASCUS. 6"x	TRUCK SPRINGS — A.S.A. CLASS "D".
CUBIC CAPACITY	2730 CU. FT.	COUPLERS — CLIMAX. 5"x7"	SIDE DOOR FIXTURES — SECURITY
LIGHT WEIGHT - EACH TRUCK - ABOUT	8272 LBS.	DRAFT GEAR — MINER TANDEM.	SIDE DOOR FASTENERS — NATIONAL SAFETY.
LIGHT WEIGHT - CAR COMPLETE - ABOUT	40439 LBS.	ROOF — MURPHY OUTSIDE	BUILT — 1907 & 1908.
MATERIAL - UNDERFRAME — PRESSED STEEL.		BODY BOLSTERS — COMMONWEALTH	BUILDER — PRESSED STEEL CAR CO.
MATERIAL - SUPERSTRUCTURE — WOOD.		TRUCK BOLSTERS — SIMPLEX.	

1-2-26.

6

BOX CARS 18000 TO 18495

100,000 LBS. CAPACITY.



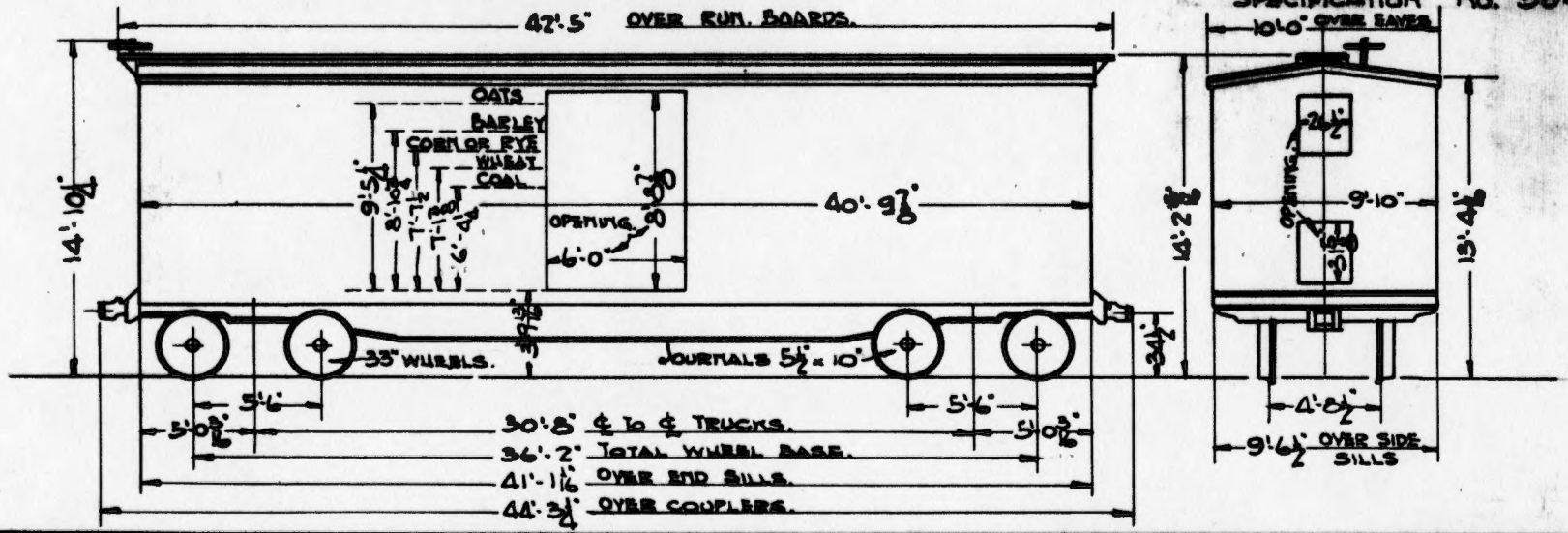
CLASS B-50-5.
SPECIFICATION CS-50-D.

LENGTH - INSIDE LINING	40'-0 5/8"	SUPERSTRUCTURE	WOOD	TRUCK BOLSTERS	SIMPLEX
WIDTH - INSIDE LINING	9'-2"	AIR BRAKE EQUIP.	NEW YORK. CHF	SIDE BEARINGS	MINER GRAVITY ROLLER
WIDTH - OVERALL	10'-6"	TRIPLE VALVE	K-2	TRUCK SIDE FRAMES	ANDREWS
HEIGHT - FLOOR TO BOTTOM OF CAR LINE	9'-2 1/4"	BRAKE BEAMS	DAMASCUS 6" I	TRUCK SPRINGS	ARA CLUSTER "D"
CUBIC CAPACITY	3370 CU. FT.	COUPLERS	CLIMAX	SIDE DOOR FIXTURES	CAMEL
LIGHT WEIGHT - EACH TRUCK - ABOUT	8016 LBS	DRAFT GEAR	MINER TANDEM.	SIDE DOOR FASTENERS	NATIONAL.
LIGHT WEIGHT - CAR COMPLETE - ABOUT	43163 LBS	ROOF	MURPHY	BUILDER	AMERICAN CAR + FDRY.
UNDERFRAME	PRESSED STEEL	BODY BOLSTERS	COMMONWEALTH.	BUILT	1909.

1-2-26.

Box Cars 18496 to 18795.

100,000 LBS. CAPACITY.
CLASS B-50-6
SPECIFICATION NO. 50-E.

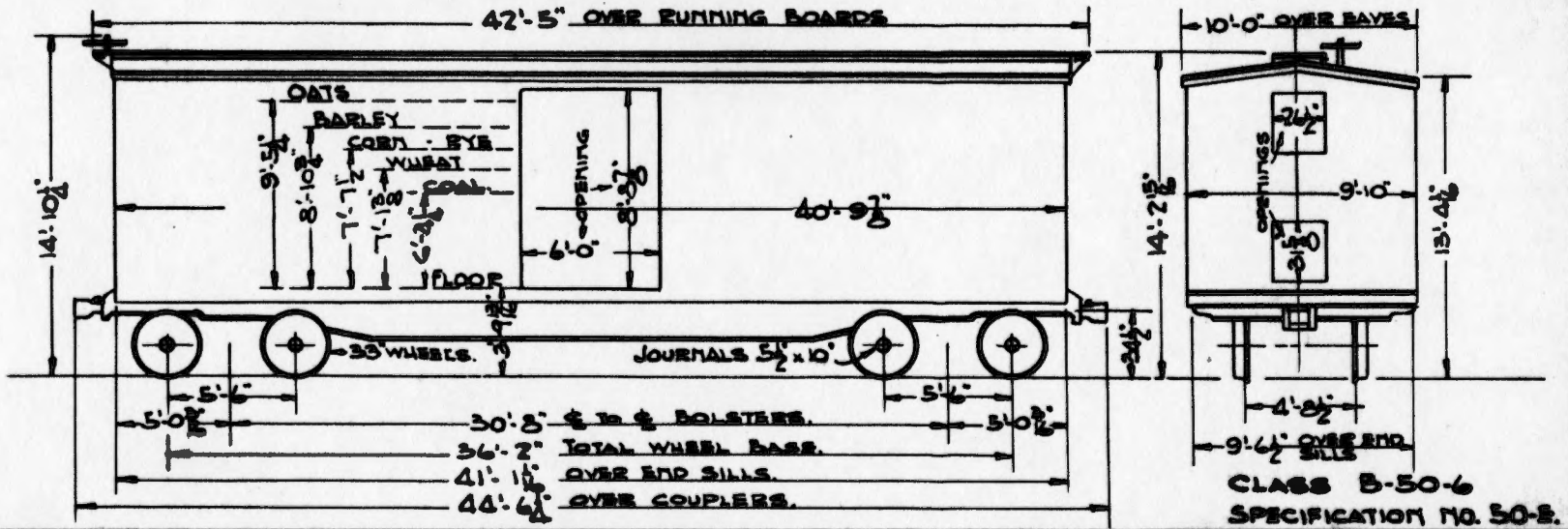


LENGTH INSIDE LINING	40'-0⅞"	MATERIAL SUPERSTRUCTURE	WOOD	TRUCK BOLSTERS	SIMPLEX.
WIDTH INSIDE LINING	9'-2"	AIR BRAKE EQUIP.	.	SIDE BEARINGS	MINER GRAVITY ROLLER
WIDTH - OVERALL	10'-6"	KIND OF TRIPLE		TRUCK SIDE FRAMES	BETTENDORF
HEIGHT - FLOOR TO BOTTOM OF CARLINE	9'-2¼"	BRAKE BEAMS	DAMASCUS 6" I	TRUCK SPRINGS	AEA - CLUSTER "D"
CUBIC CAPACITY	3370 CU. FT.	COUPLERS	CLIMAX	SIDE DOOR FIXTURES	SECURITY
LIGHT WEIGHT. EACH TRUCK ABOUT	7638 LBS.	DRAFT GEAR	MINER TANDEM	SIDE DOOR FASTENERS	NATIONAL.
LIGHT WEIGHT - CAR COMPLETE - ABOUT.	40650 LBS.	ROOF	OUTSIDE METAL	BUILDER	AMERICAN CAR & FDRY.
MATERIAL - UNDERFRAME.	STEEL (BETTENDORF)	BODY BOLSTERS	CAST STEEL.	BUILT	1910.

1-2-26.

BOX CARS 18796 to 19291.

100000 LBS. CAPACITY.



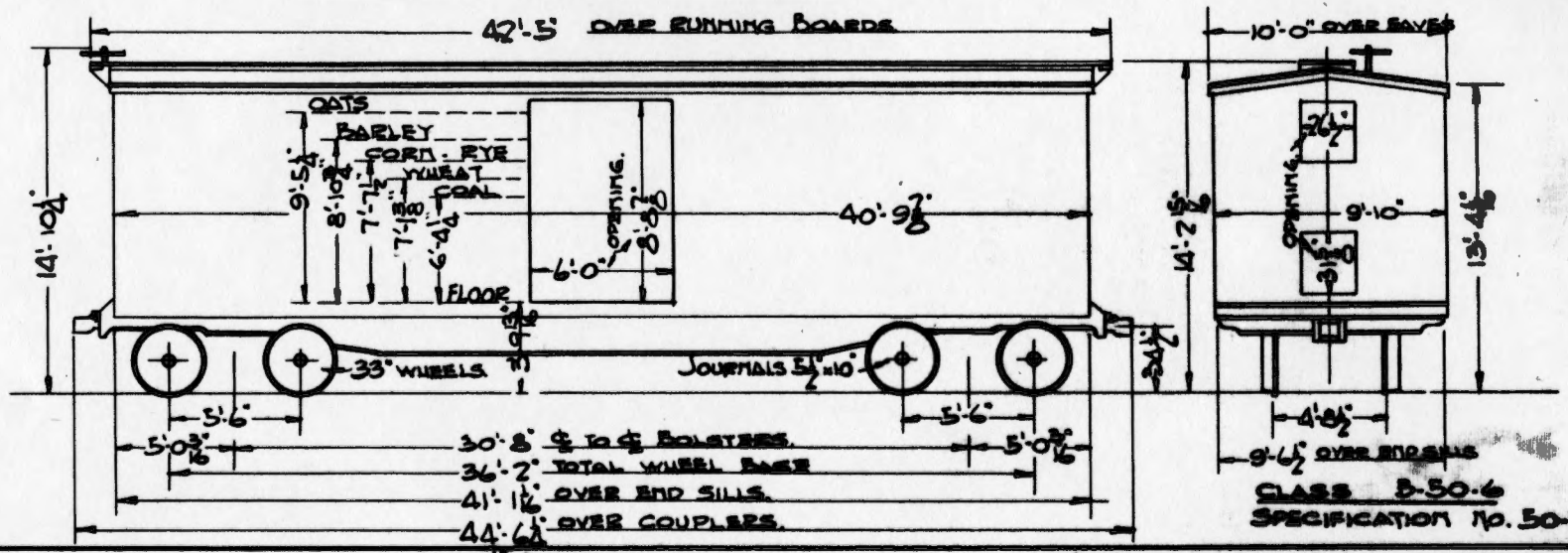
CLASS B-50-6
SPECIFICATION NO. 50-B.

LENGTH - INSIDE LINING	40'- 0 1/8"	SUPERSTRUCTURE	WOOD.	TRUCK BOLSTERS	SIMPLEX
WIDTH - - INSIDE LINING	9'- 2"	AIR BRAKE EQUIP.	WESTINGHOUSE.	SIDE BEARINGS	MINER GRAVITY ROLLER
WIDTH - - OVERALL	10'- 6"	TRIPLE VALVE	K-2.	TRUCK SIDE FRAMES	BETTENDORF
HEIGHT - FLOOR TO BOTTOM OF CABLINE	9'- 2 1/4"	BRAKE BEAMS	CESCO #2.	TRUCK SPRINGS	ARA. CLUSTER D
CUBIC CAPACITY	3370 CU. FT.	COUPLERS	CLIMAX	SIDE DOOR FIXTURES	SECURITY
LIGHT WEIGHT - EACH TRUCK - ABOUT	7688 LBS	DRAFT GEAR	MINER TANDEM	SIDE DOOR FASTENERS	NATIONAL
LIGHT WEIGHT - CAR COMPLETE - ABOUT	42800 LBS	ROOF	OUTSIDE METAL.	BUILDER	PULLMAN CO.
UNDERFRAME	STEEL (BETTENDORF)	BODY BOLSTERS	CAST STEEL.	BUILT	1912 & 1913.

1-2-26.

BOX CARS 19292 TO 19891.

100,000 LBS. CAPACITY.



CLASS B-50-6
SPECIFICATION NO. 50-B.

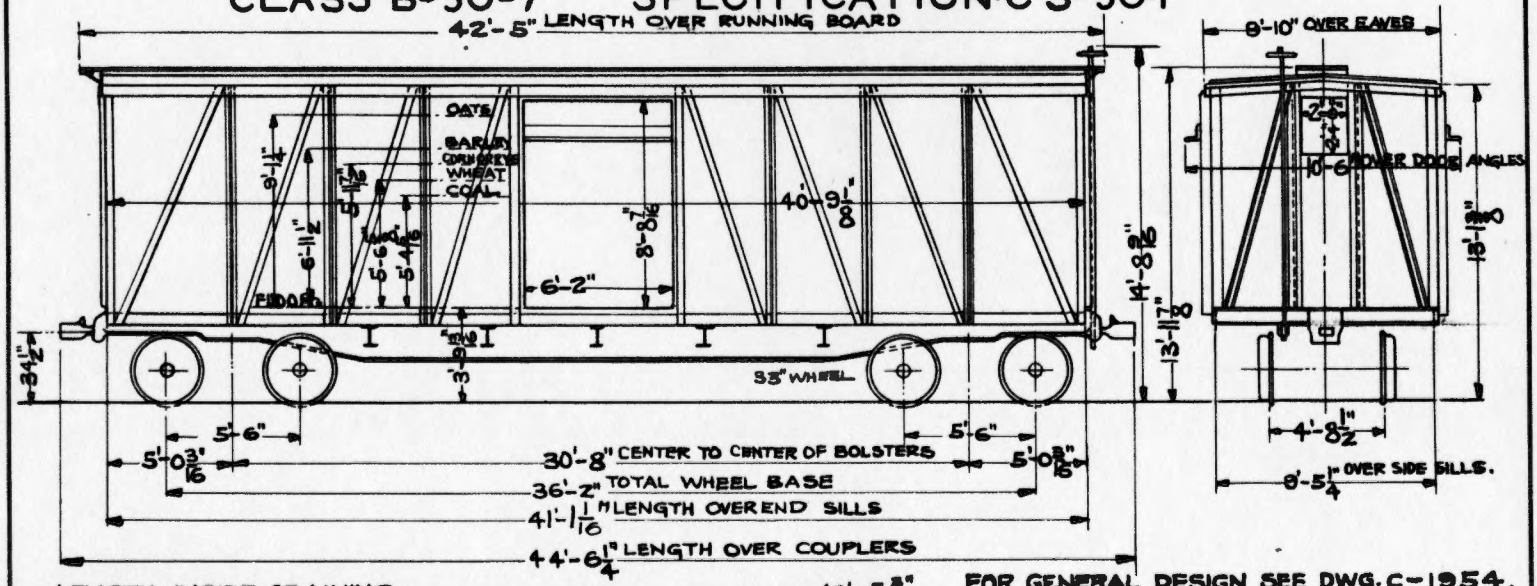
LENGTH INSIDE LINING	40'-0⅞"	SUPERSTRUCTURE	WOOD	TRUCK BOLSTERS	SIMPLEX
WIDTH INSIDE LINING	9'-2"	AIR BRAKE EQUIP.	NEW YORK	SIDE BEARINGS	MINER GRAVITY ROLLER
WIDTH OVERALL	10'-6"	TRIPLE VALVE	K-2	TRUCK SIDE FRAMES	BETTENDORF
HEIGHT FLOOR TO BOTTOM OF CARLINE	9'-2¼"	BRAKE BEAMS	CESCO #2.	TRUCK SPRINGS	ARA. CLUSTER "D"
CUBIC CAPACITY	3370 LBS.	COUPLERS	CLIMAX	SIDE DOOR FIXTURES	SECURITY
LIGHT WEIGHT. EACH TRUCK. ABOUT	7393 LBS	DRAFT GEAR	MINER TANDEM	SIDE DOOR FASTENERS	NATIONAL.
LIGHT WEIGHT. CAR COMPLETE. ABOUT	43066 LBS.	ROOF	OUTSIDE METAL.	BUILDER	PULLMAN CO.
UNDERFRAME	STEEL (BETTENDORF)	BODY BOLSTERS	CAST STEEL.	BUILT	1913.

1-2-26.

COMMON STANDARD BOX CAR

100000 LBS. CAPACITY

CLASS B-50-7 SPECIFICATION C S-50-F



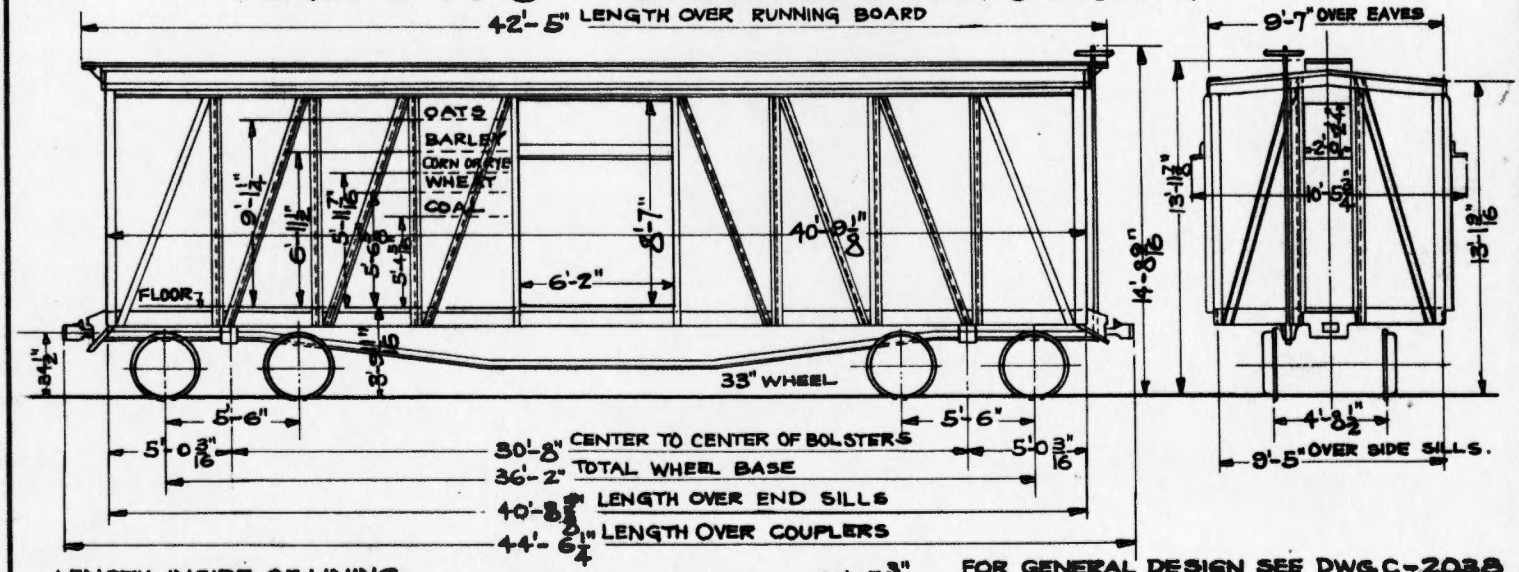
FOR GENERAL DESIGN SEE DWG. C-1954.

LENGTH INSIDE OF LINING	40'-5 3/8"
WIDTH INSIDE OF LINING	9'-2 3/4"
HEIGHT TOP OF FLOOR TO BOTTOM OF CARLINE	9'-0 7/8"
CUBIC CAPACITY	3,363 CU. FT.
LIGHT WEIGHT OF EACH ANDREWS TRUCK ABOUT	7973 LBS.
LIGHT WEIGHT OF EACH BETTENDORF TRUCK ABOUT	7593 LBS.
LIGHT WEIGHT OF CAR COMPLETE WITH ANDREWS TRUCK ABOUT	42,060 LBS.
LIGHT WEIGHT OF CAR COMPLETE WITH BETTENDORF TRUCK ABOUT	41,300 LBS.

COMMON STANDARD BOX CAR

100000 LBS CAPACITY

CLASS B-50-8 SPECIFICATION C S-50-G



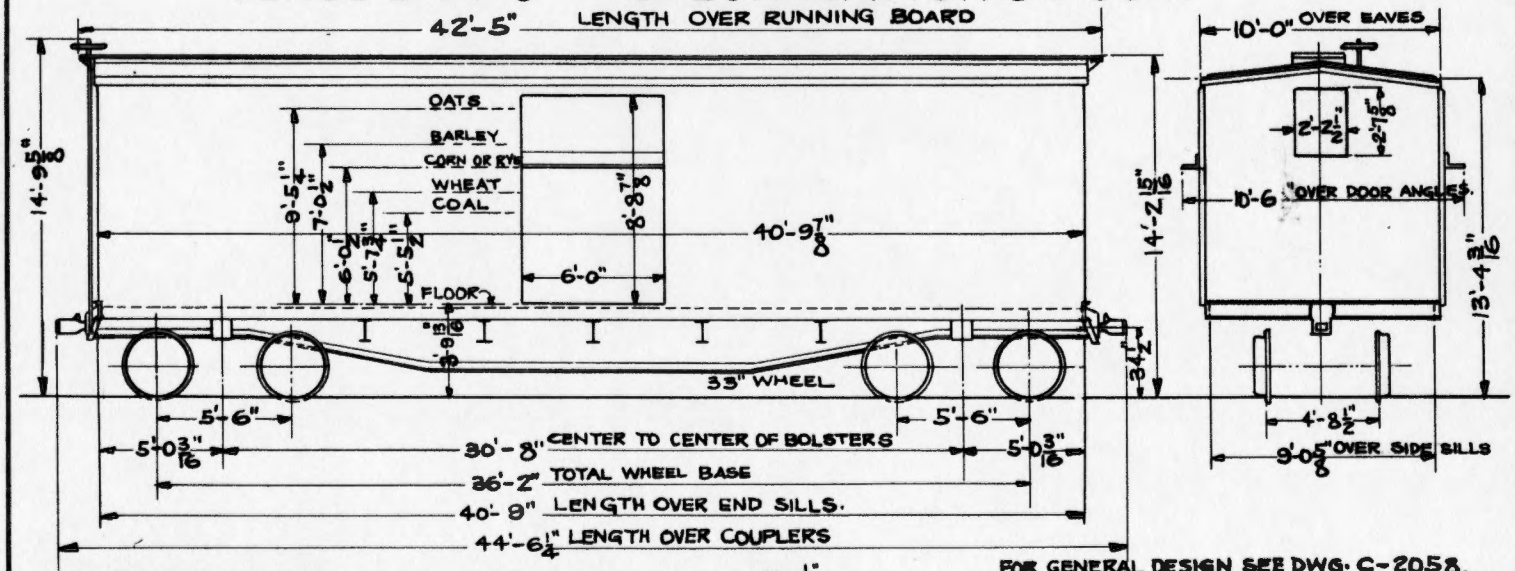
FOR GENERAL DESIGN SEE DWG. C-2038

LENGTH INSIDE OF LINING	40'-5 3/8"
WIDTH INSIDE OF LINING	9'-2"
HEIGHT TOP OF FLOOR TO BOTTOM OF CARLINE	9'-0 11/16"
CUBIC CAPACITY	3360 CU. FT.
LIGHT WEIGHT OF EACH ANDREWS TRUCK ABOUT	7913 LBS.
LIGHT WEIGHT OF EACH BETTENDORF TRUCK ABOUT	7593 LBS.
LIGHT WEIGHT OF CAR COMPLETE WITH ANDREWS TRUCK ABOUT	42810 LBS.
LIGHT WEIGHT OF CAR COMPLETE WITH BETTENDORF TRUCK ABOUT	41450 LBS.

COMMON STANDARD BOX CAR

100000 LBS CAPACITY

CLASS B-50-9 SPECIFICATION C S-50-H

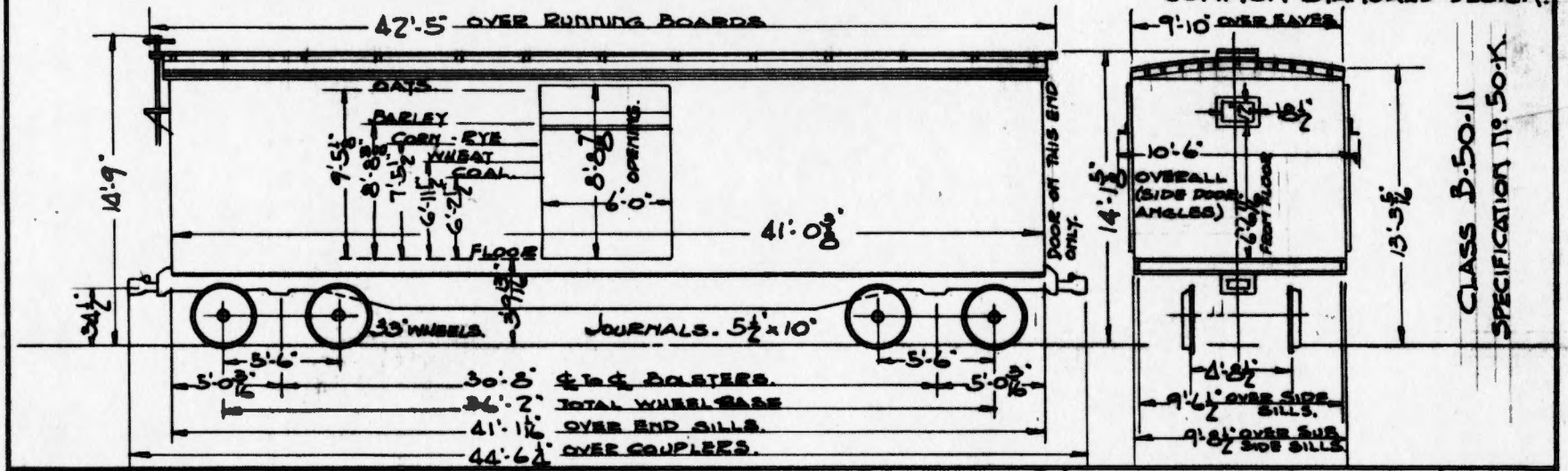


FOR GENERAL DESIGN SEE DWG. C-2058.

LENGTH INSIDE OF LINING	40'-0 1/8"
WIDTH INSIDE OF LINING	9'-2"
HEIGHT TOP OF FLOOR TO BOTTOM OF CARLINE	9'-2 1/4"
CUBIC CAPACITY	3370 CU. FT.
LIGHT WEIGHT OF EACH ANDREWS TRUCK ABOUT	7973 LB'S.
LIGHT WEIGHT OF EACH BETTENDORF TRUCK ABOUT	7593 LB'S.
LIGHT WEIGHT OF CAR COMPLETE WITH ANDREWS TRUCK ABOUT	42960
LIGHT WEIGHT OF CAR COMPLETE WITH BETTENDORF TRUCK ABOUT	42200

BOX CARS 135,000 TO 138,525.

100,000 LBS. CAPACITY.
COMMON STANDARD DESIGN.



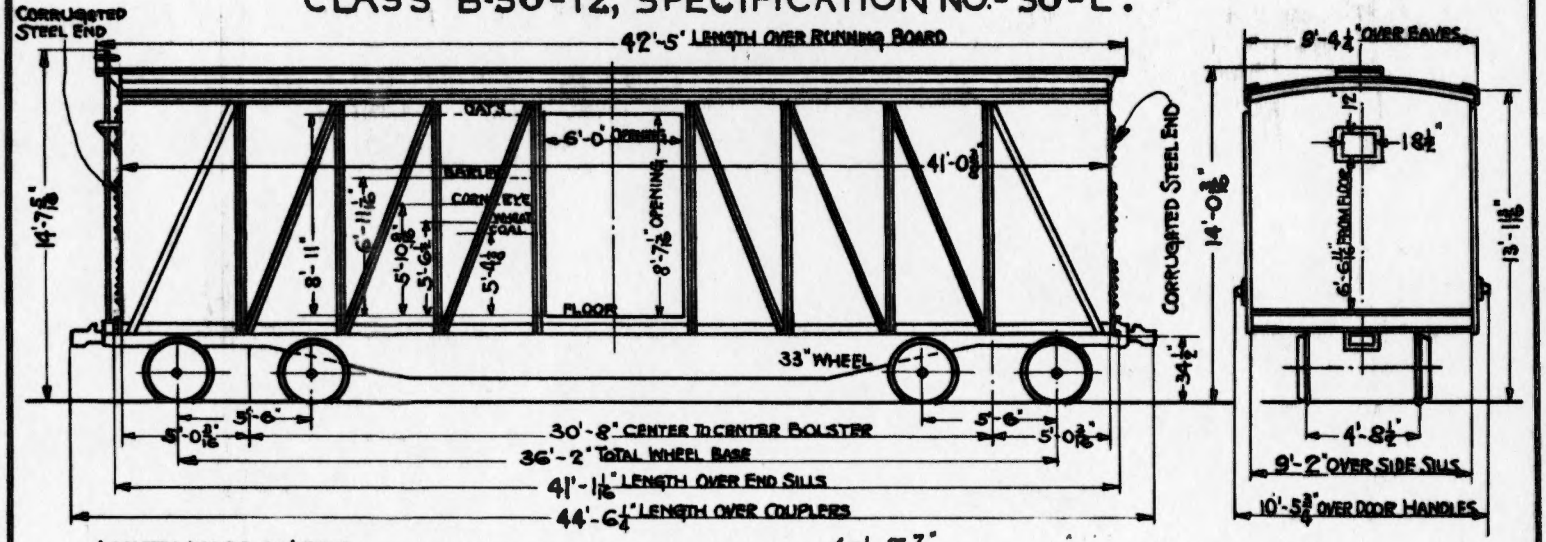
LENGTH - INSIDE _____ 40'-7 3/8"	TRIPLE VALVE _____ K-2.	TRUCK SIDE FRAMES ___ VULCAN
WIDTH - INSIDE _____ 9'-2"	BRAKE BEAMS _____ CEBCO #2.	TRUCK SPRINGS. ___ ARA. CLUSTER "D"
HEIGHT - TOP OF FLOOR TO BOTTOM OF CARLINE 9'-4 1/2"	COUPLERS _____ CLIMAX	DOOR FIXTURES. _____ CAMEL.
CUBIC CONTENTS _____ 3500 CU. FT.	DRAFT GEAR _____ MINER TANDEM	CARS - 135000 TO 136998
LIGHT WEIGHT - EACH TRUCK - ABOUT ___ 7507 LBS.	ROOF - STD. RY. CO'S - ALL STEEL RADIAL.	BUILDER - WESTERN STEEL CAR + FDRY CO.
LIGHT WEIGHT - CAR COMPLETE - ABOUT 43110 LBS.	ENDS _____ CORRUGATED PRESSED STL.	BUILT. _____ 1914.
UNDERFRAME _____ BETTENDORF	SIDE BEARINGS _ MINER GRAVITY ROLLER.	CARS 136,999 TO 138,525.
SUPERSTRUCTURE _____ WOOD.	BODY BOLSTER _____ CAST STEEL.	BUILDER ___ AMERICAN CAR + FDRY.
AIR BRAKE EQUIP. _____ NEW YORK.	TRUCK BOLSTER _____ BUCKEYE.	BUILT. _____ 1914.

1-2-26.

COMMON STANDARD BOX CAR.

100000 LBS. CAPACITY.

CLASS B-50-12, SPECIFICATION NO.-50-L.



LENGTH INSIDE OF LINING	40'-7 7/8"
WIDTH " " "	9'-2"
HEIGHT TOP OF FLOOR TO BOTTOM OF CARLINE	9'-3"
CUBIC CAPACITY	3450 CU. FT.
LIGHT WEIGHT OF EACH VULCAN TRUCK, ABOUT	7482 LBS.
" " " " BETTENDORF " "	7437 "
" " " CAR COMPLETE WITH VULCAN TRUCK, ABOUT	44100 "
" " " " " " BETTENDORF " "	44000 "

FOR GENERAL DESIGN SEE DWG. C-2175.

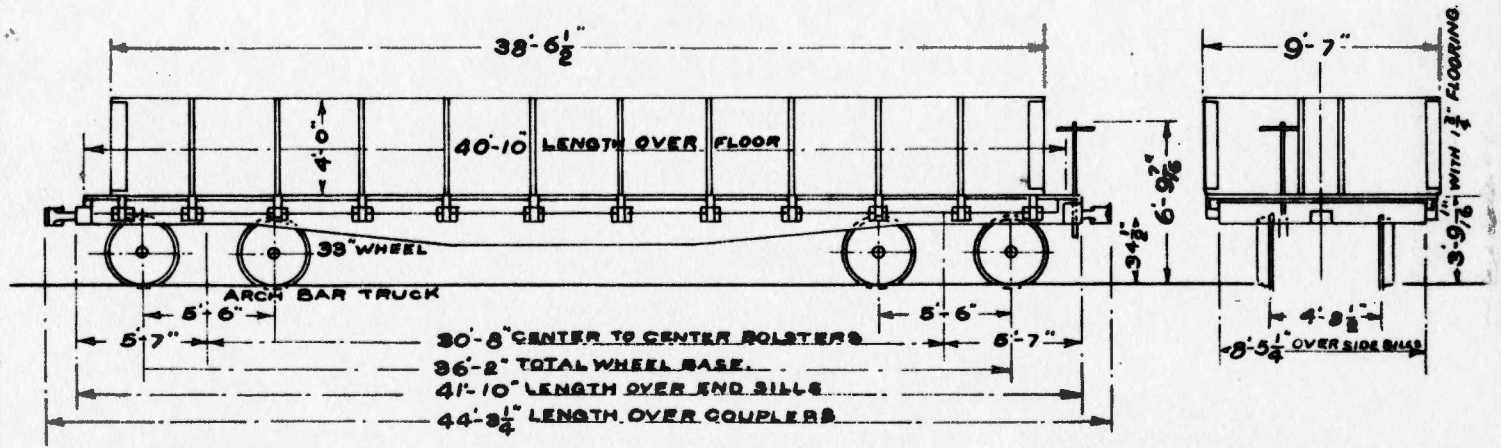
FOR A.C&F. UNDERFRAME SEE DWG. C-2217

COMMON STANDARD FLAT CAR

80000 LBS CAPACITY

WITH REMOVABLE SIDES ENDS

CLASS F-40-1 SPECIFICATION C S 53 A



LENGTH INSIDE	38'-2"
WIDTH INSIDE	9'-2 1/2"
HEIGHT TOP OF FLOOR TO TOP OF SIDES	4'-0"
CUBIC CAPACITY	1405 CU. FT.
LIGHT WEIGHT OF EACH TRUCK ABOUT	7200 LBS
WEIGHT OF REMOVABLE SIDES AND ENDS ABOUT	4800 LBS
LIGHT WEIGHT OF CAR WITH REMOVABLE SIDES AND ENDS ABOUT	36300 LBS

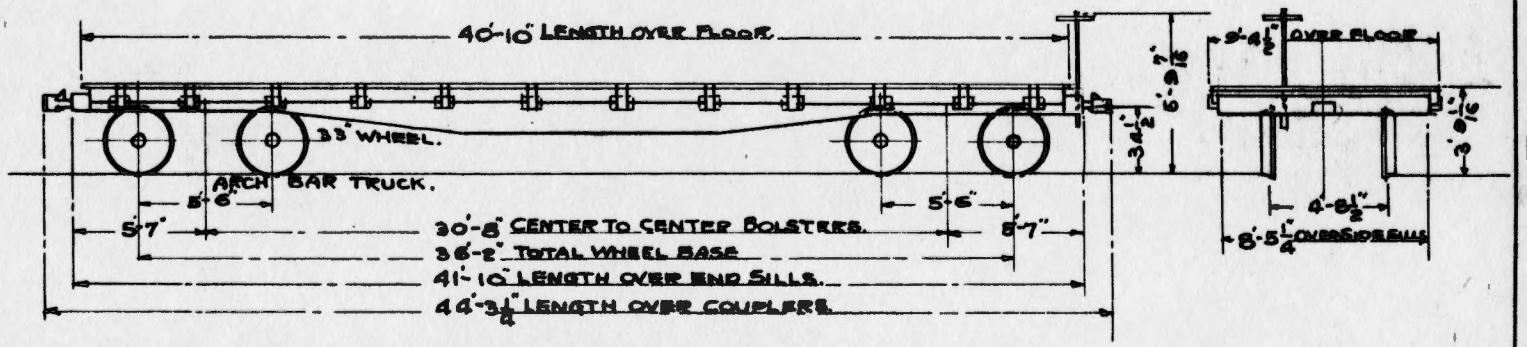
FOR REMOVABLE SIDES & ENDS SEE DWG. C-485

FOR GEN'L DESIGN WITH SIDES & ENDS REMOVED SEE DWG C-480 WITH 1 3/4" FLOORING.

COMMON STANDARD FLAT CAR

80000 LBS CAPACITY

CLASS F-40-1 SPECIFICATION C S 53



LIGHT WEIGHT OF EACH TRUCK ABOUT _____ 7,200 LBS.
LIGHT WEIGHT OF CAR COMPLETE ABOUT ___ 31,500 LBS. WITH 1 3/4" FLOORING.

FOR GENERAL DESIGN SEE DWG. C-488.

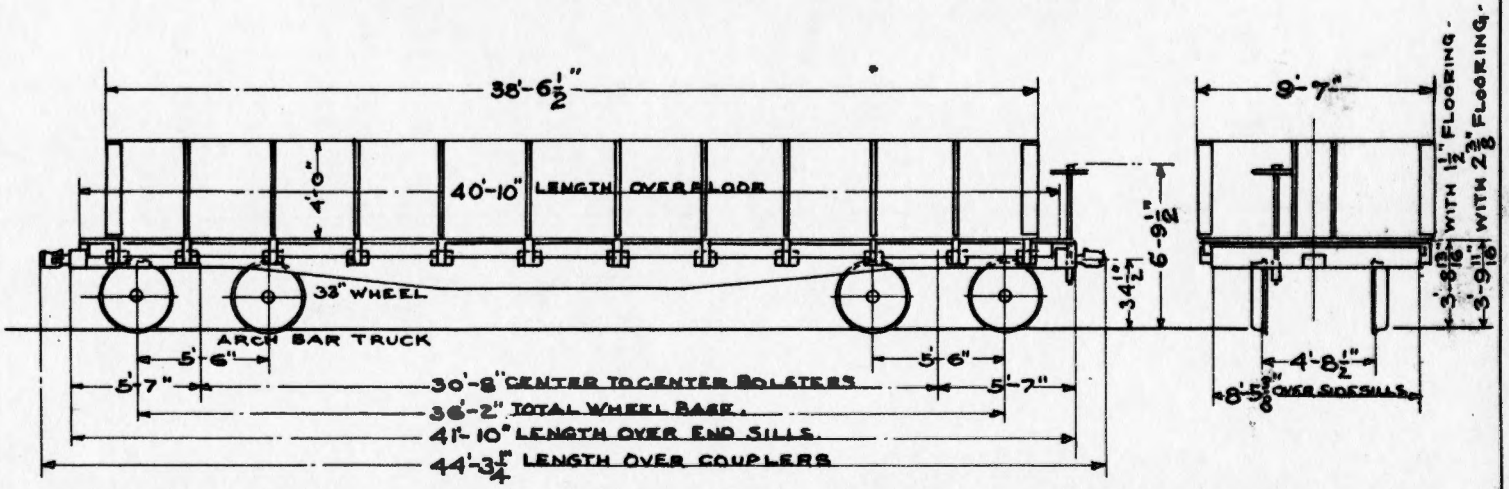
A.S.V.

COMMON STANDARD FLAT CAR

80000 LBS. CAPACITY

WITH REMOVABLE SIDES & ENDS

CLASS-F-40-2 SPECIFICATION-CS-53-C

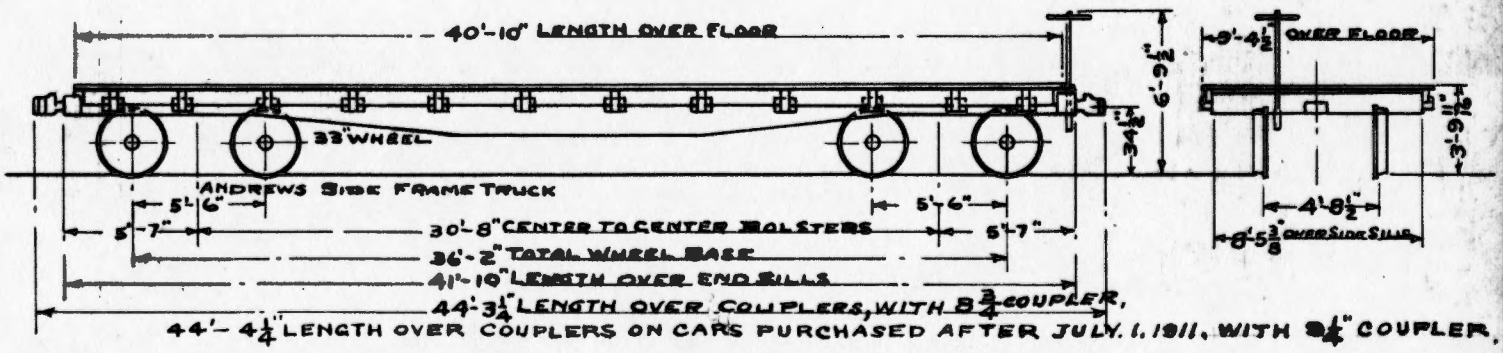


LENGTH INSIDE	38'-2"
WIDTH INSIDE	8'-2½"
HEIGHT TOP OF FLOOR TO TOP OF SIDES	4'-0"
CUBIC CAPACITY	1405 CU. FT.
LIGHT WEIGHT OF EACH TRUCK ABOUT	7124 LBS
WEIGHT OF REMOVABLE SIDES AND ENDS ABOUT	4000 LBS.
LIGHT WEIGHT OF CAR WITH REMOVABLE SIDES AND ENDS ABOUT	34950 LBS. — WITH 1½" FLOORING.
" " " " " " " " " "	35930 LBS. — WITH 2⅜" FLOORING.

FOR REMOVABLE SIDES & ENDS SEE DWG. C-485.

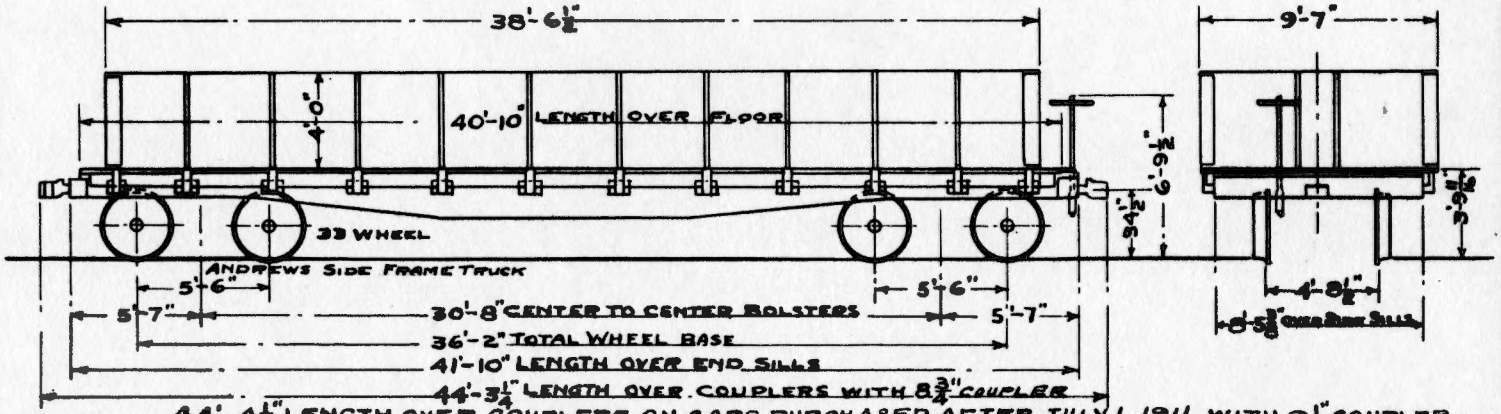
FOR GEN'L. DESIGN WITH SIDES & ENDS REMOVED, SEE DWG. C-489

COMMON STANDARD FLAT CAR
80000 LBS CAPACITY
CLASS F-40-3 SPECIFICATION CS 53 D



LIGHT WEIGHT OF EACH TRUCK ABOUT____ 7043 LBS
LIGHT WEIGHT OF CAR COMPLETE ABOUT___ 32182 LBS. FOR GENERAL DESIGN SEE DWG.-C-489

COMMON STANDARD FLAT CAR
80000 LBS CAPACITY
WITH REMOVABLE SIDES ENDS
CLASS F-40-3 SPECIFICATION CS 53 E



44'-4¼" LENGTH OVER COUPLERS ON CARS PURCHASED AFTER JULY 1, 1911, WITH 9¼" COUPLER

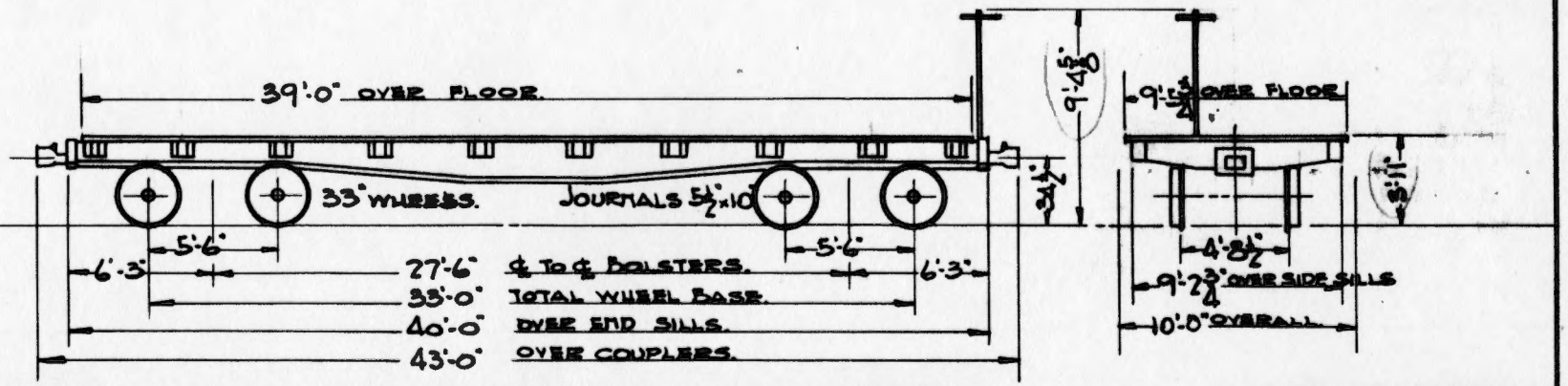
LENGTH INSIDE	38'-2"
WIDTH INSIDE	9'-2½"
HEIGHT TOP OF FLOOR TO TOP OF SIDES	4'-0"
CUBIC CAPACITY	1405 CU. FT.
LIGHT WEIGHT OF EACH TRUCK ABOUT	7043 LBS.
WEIGHT OF REMOVABLE SIDES AND ENDS ABOUT	4000 LBS.
LIGHT WEIGHT OF CAR WITH REMOVABLE SIDES AND ENDS ABOUT	36182 LBS.

FOR REMOVABLE SIDES & ENDS SEE DWG. C-485

FOR GEN'L. DESIGN WITH SIDES & ENDS REMOVED SEE DWG. C-489

FLAT CARS 58,000 TO 58,099.

100,000 LBS. CAPACITY.
NON-COMMON STANDARD.



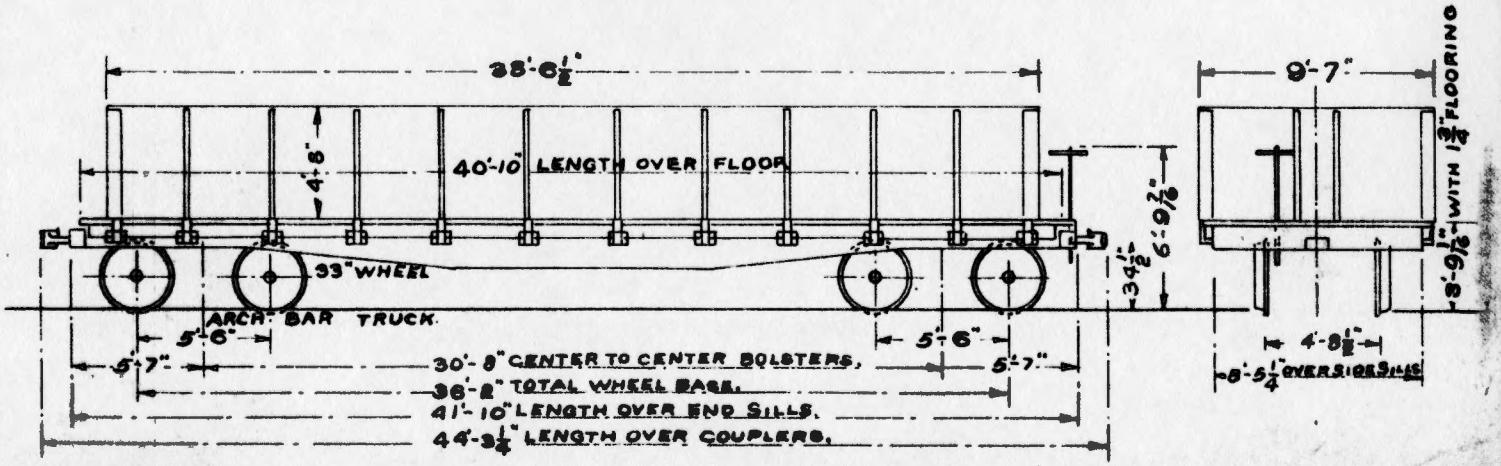
LIGHT WEIGHT - EACH TRUCK - ABOUT	7500 LBS.
LIGHT WEIGHT - CAR COMPLETE - ABOUT	30500 LBS.
UNDERFRAME	PRESSED STEEL.
SUPERSTRUCTURE	WOOD FLOOR
AIR BRAKE EQUIP	NEW YORK.
STYLE OF TRIPLE VALVE	K-1
BRAKE BEAMS	METAL.
COUPLERS	CLIMAX 5x7.
DRAFT GEAR.	MINER TANDEM.

SIDE BEARINGS.	PRESSED STEEL
TRUCK BOLSTERS	PRESSED STEEL.
BODY BOLSTERS	PRESSED STEEL
TRUCK SIDE FRAMES.	FOX.
TRUCK SPRINGS.	ARA. CLUSTER "D"
BUILDER	PRESSED STEEL CAR CO.
BUILT.	1900

V0-0

COMMON STANDARD FLAT CAR

100000 LBS CAPACITY
WITH REMOVABLE SIDES ENDS
CLASS F-50-1 SPECIFICATION C S 52 A



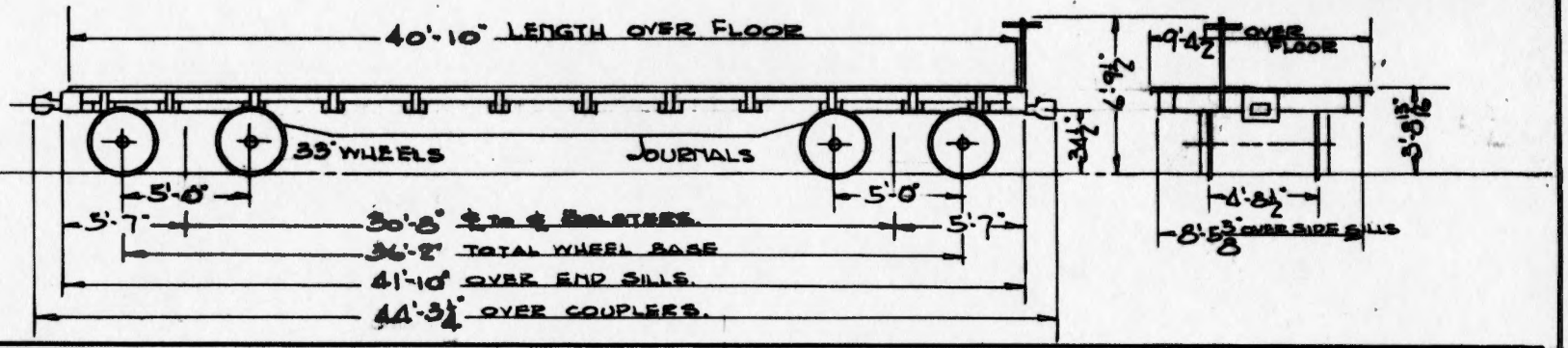
LENGTH INSIDE	38'-2"
WIDTH INSIDE	9'-2½"
HEIGHT TOP OF FLOOR TO TOP OF SIDES	4'-8"
CUBIC CAPACITY	1640 CU. FT.
LIGHT WEIGHT OF EACH TRUCK ABOUT	8300 LBS.
WEIGHT OF REMOVABLE SIDES AND ENDS ABOUT	5100 LBS.
LIGHT WEIGHT OF CAR WITH REMOVABLE SIDES AND ENDS ABOUT	39600 LBS.

FOR REMOVALE SIDES & ENDS SEE DWG. C-457.

FOR GEN'L. DESIGN WITH SIDES & ENDS REMOVED SEE DWG C-456. WITH 1¾" FLOORING.

FLAT CARS 59800 to 59898.

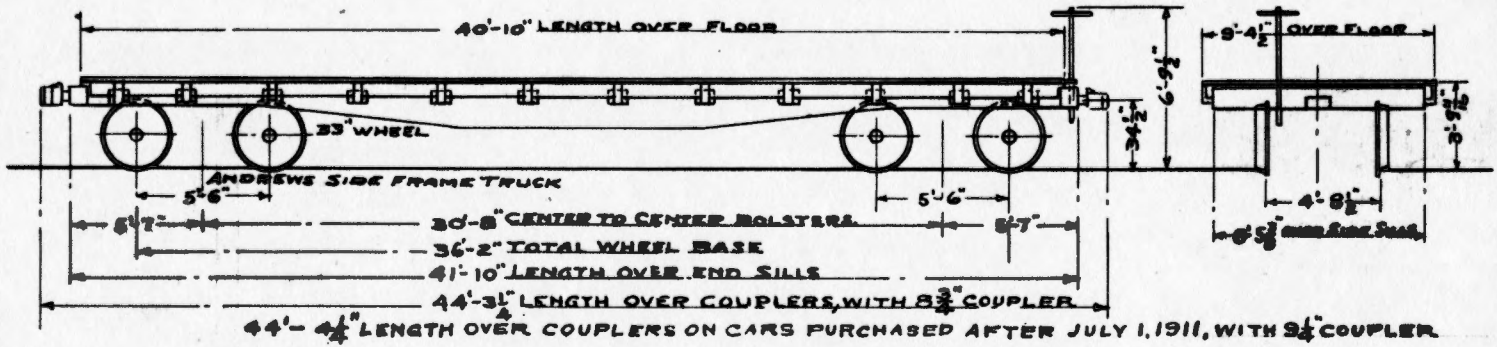
80,000 LBS. CAPACITY.
COMMON STANDARD.
CLASS. F-40-2
SPECIFICATION C&S.53-B
(SEE NOTE BELOW)



LIGHT WEIGHT - EACH TRUCK - ABOUT	7000 LBS.
LIGHT WEIGHT - CAR COMPLETE - ABOUT	30600 LBS.
UNDERFRAME	PRESSED STEEL.
SUPERSTRUCTURE	WOOD. FLOOR.
AIR BRAKE EQUIP.	NEW YORK
STYLE OF TRIPLE VALVE	K-1
BRAKE BEAMS.	CRECO No 2.
COUPLERS	CLIMAX 5 x 7.
DRAFT GEAR	MINER TANDEM
SIDE BEARINGS	MINER
TRUCK BOLSTERS	CAST STEEL.
BODY BOLSTERS	COMMONWEALTH.
TRUCK SPRINGS	ARA. CLUSTER "C"
TRUCK SIDE FRAMES	ARCH BAR (SEE NOTE BELOW)
BUILDER	STANDARD STEEL CAR CO
BUILT	1907.

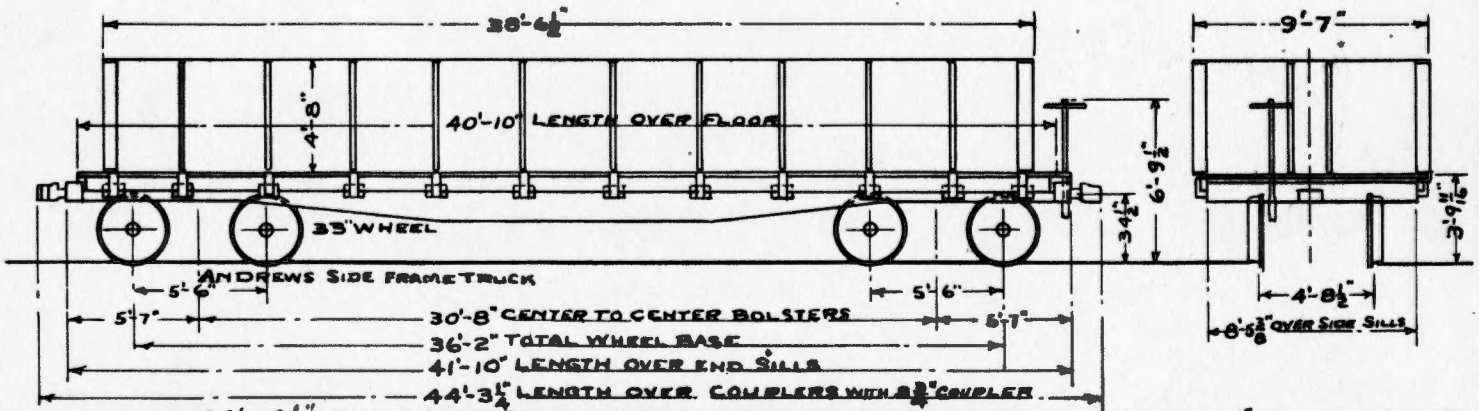
NOTE :- BODIES ONLY BUILT BY STD. STL. CAR CO. THEY WERE SHIPPED TO OGDEN WHERE SOUTHERN PACIFIC TYPE TRUCKS & AIR BRAKES WERE APPLIED.

COMMON STANDARD FLAT CAR
100000 LBS CAPACITY
CLASS F-50-B SPECIFICATION CS 52 D



LIGHT WEIGHT OF EACH TRUCK ABOUT 7973 LBS.
LIGHT WEIGHT OF CAR COMPLETE ABOUT 33816 LBS. FOR GENERAL DESIGN SEE DWG. C-456

COMMON STANDARD FLAT CAR
100000 LBS CAPACITY
WITH REMOVABLE SIDES ENDS
CLASS F-50-3 SPECIFICATION CS 52 E



44'-4¼" LENGTH OVER COUPLERS ON CARS PURCHASED AFTER JULY. 1, 1911, WITH 9¼" COUPLER.

LENGTH INSIDE	38'-2"
WIDTH INSIDE	9'-2½"
HEIGHT TOP OF FLOOR TO TOP OF SIDES	4'-8"
CUBIC CAPACITY	1640 CU. FT.
LIGHT WEIGHT OF EACH TRUCK ABOUT	7873 LBS.
WEIGHT OF REMOVABLE SIDES AND ENDS ABOUT	4955 LBS.
LIGHT WEIGHT OF CAR WITH REMOVABLE SIDES AND ENDS ABOUT	[illegible] LBS.

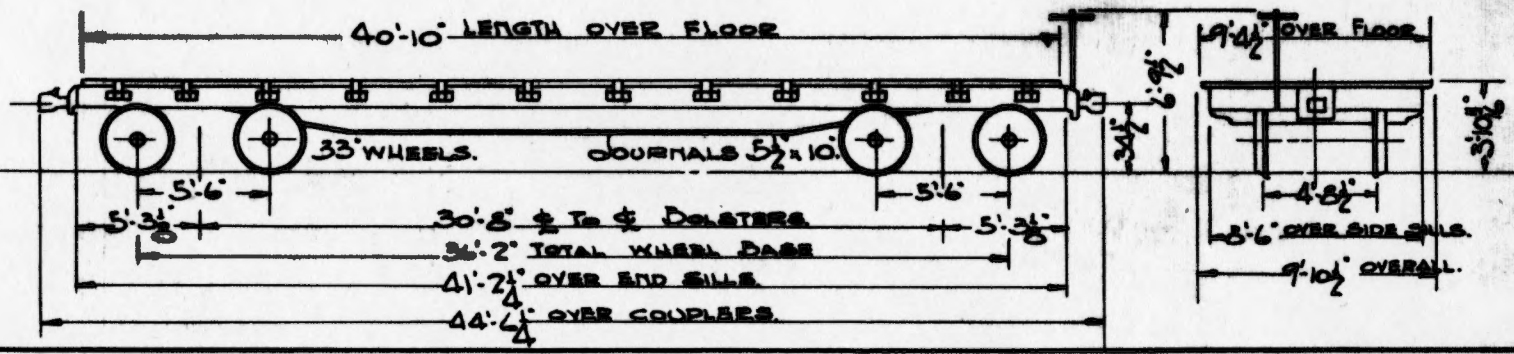
FOR REMOVABLE SIDES & ENDS SEE DWG. C-457

FOR GEN'L. DESIGN, WITH SIDES & ENDS REMOVED SEE DWG. C-456

FLAT CARS 58,100 TO 58,164

@ 1545

100,000 LBS. CAPACITY
COMMON STANDARD
CLASS F-50-4
SPECIFICATION No. 52-F.

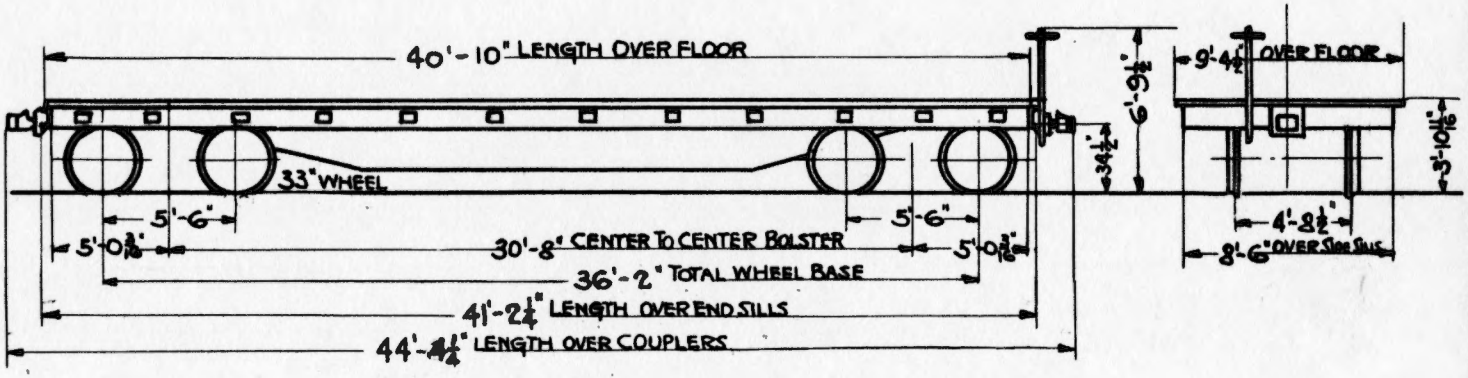


LIGHT WEIGHT - EACH TRUCK - ABOUT	7593 LBS.
LIGHT WEIGHT - CAR COMPLETE - ABOUT	32,210 "
UNDERFRAME	BETTENDORF
SUPERSTRUCTURE	WOOD. FLOOR
AIR BRAKE EQUIPMENT	WESTINGHOUSE
STYLE OF TRIPLE VALVE	K-1.
BRAKE BEAMS	CRESCO No. 2.
COUPLERS	CLIMAX 5x7
DRAFT GEAR	MINER TANDEM SPRING
SIDE BEARINGS	MINER GRAVITY ROLLER
TRUCK BOLSTERS	SIMPLEX
BODY BOLSTERS	CAST STEEL
TRUCK SIDE FRAMES	BETTENDORF
TRUCK SPRINGS	A.R.A. CLUSTER "D"
BUILDER	BETTENDORF CO.
BUILT	1913

COMMON STANDARD FLAT CAR.

100000 LBS. CAPACITY.

CLASS F-50-5, SPECIFICATION NO.-52-G

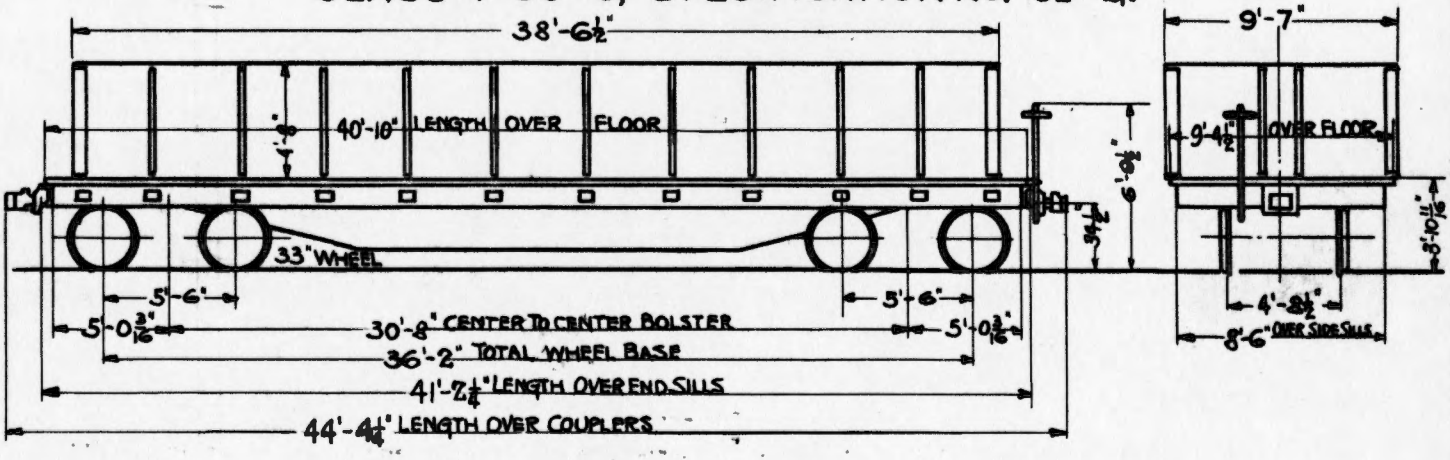


LIGHT WEIGHT OF EACH VULCAN TRUCK, ABOUT _____ 7482 LBS.
" " " " BETTENDORF " " _____ 7437 "
" " " CAR COMPLETE WITH VULCAN TRUCK, ABOUT 32800 "
" " " " " " BETTENDORF " " 32700 "

FOR GENERAL DESIGN SEE DWG. C-1545.
FOR A.C.&F. UNDERFRAME
SEE DWG. C-2222.

COMMON STANDARD FLAT CAR

100000 LBS. CAPACITY
WITH REMOVABLE SIDES AND ENDS.
CLASS F-50-5, SPECIFICATION NO.-52-G.

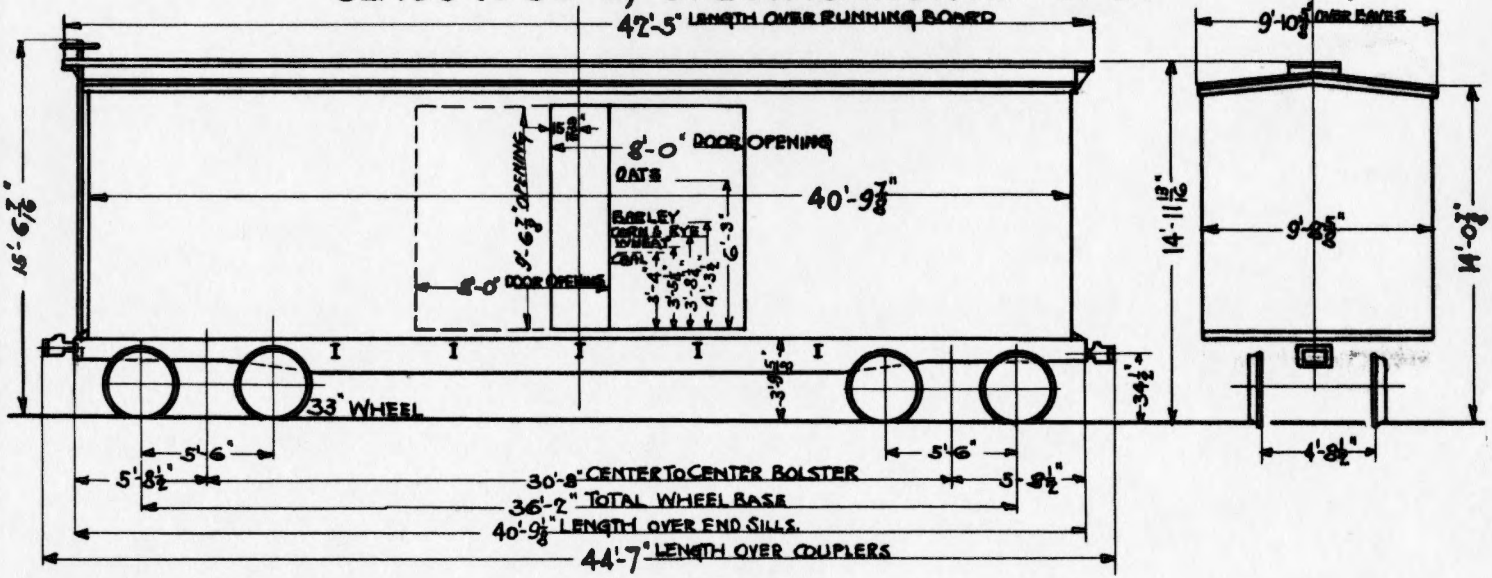


LENGTH INSIDE	38'-2"
WIDTH "	9'-2"
HEIGHT TOP OF FLOOR TO TOP OF SIDES	4'-8"
CUBIC CAPACITY	1640 CU. FT.
WEIGHT OF REMOVABLE SIDES AND ENDS, ABOUT	4955 LBS.
LIGHT WEIGHT OF EACH VULCAN TRUCK, ABOUT	7482 "
" " " " BETTENDORF " "	7437 "
" " " CAR COMPLETE WITH VULCAN TRUCK AND SIDES AND ENDS	37755 "
" " " " " " BETTENDORF " " " "	37655 "

FOR REMOVABLE SIDES AND ENDS SEE DWG. C-457
" GEN. DESIGN WITH SIDES & ENDS REMOVED SEE DWG. C-1545

COMMON STANDARD FURNITURE CAR.

60000 LBS. CAPACITY.
CLASS Fu-30-3, SPECIFICATION NO-61-B.

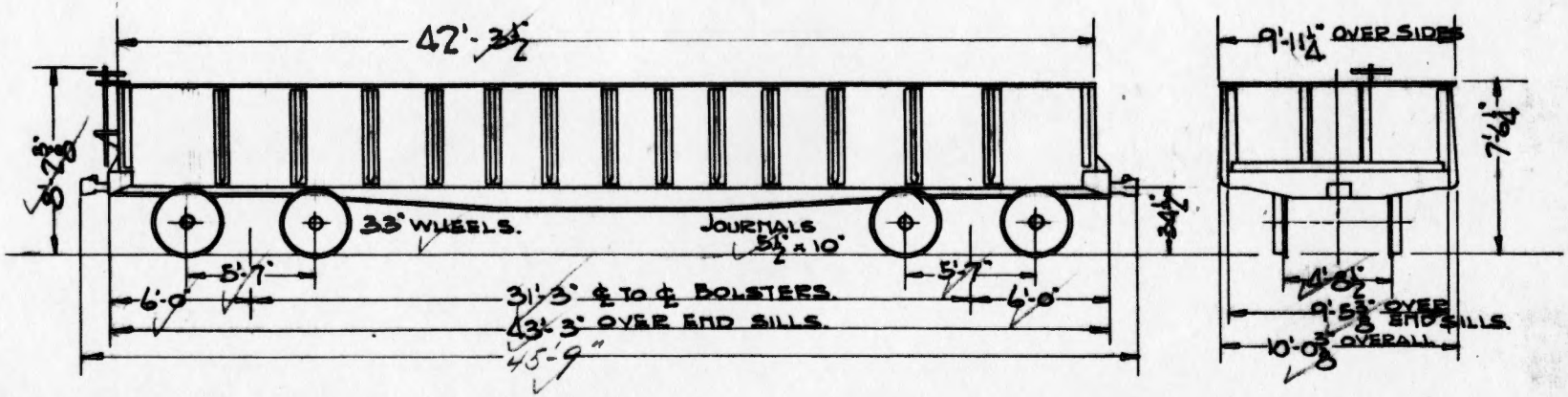


LENGTH INSIDE OF LINING	40'-0 1/8"
WIDTH " " "	9'-0 5/8"
HEIGHT TOP OF FLOOR TO BOTTOM OF CARLINE	10'-0 1/2"
CUBIC CAPACITY	3629 CU. FT.
LIGHT WEIGHT OF EACH ANDREWS TRUCK ABOUT	5782 LBS.
" " " CAR COMPLETE WITH ANDREWS TRUCK ABOUT	37500 "

FOR GENERAL DESIGN SEE DWG. C-1627.

DROP BOTTOM GONDOLAS 25000 TO 25296.

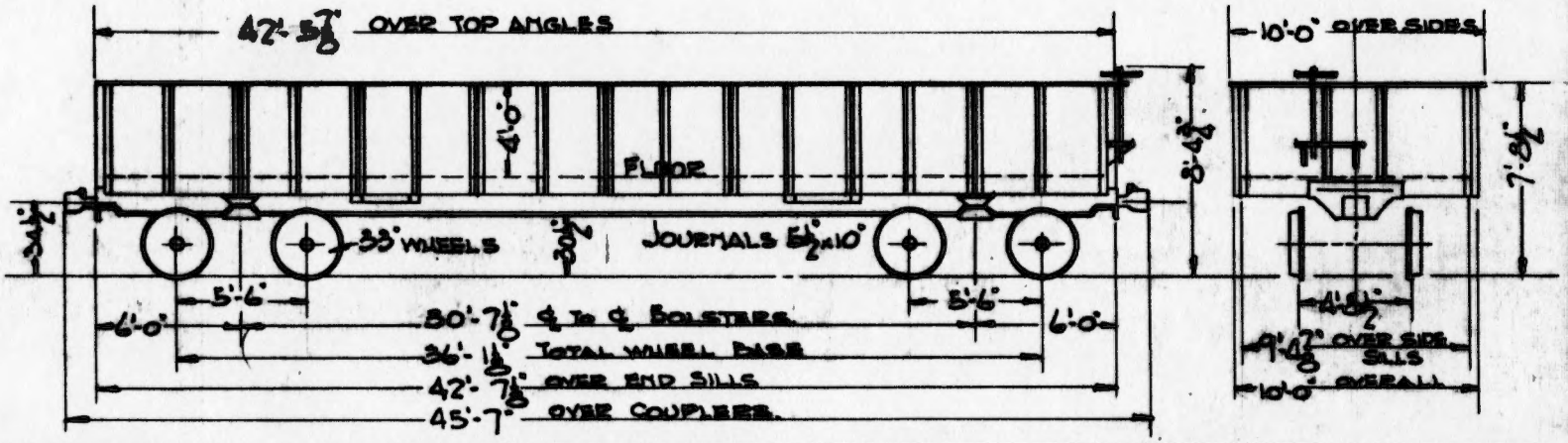
100,000 LBS. CAPACITY
NON-COMMON STANDARD



LENGTH INSIDE	41'-9"	AIR BRAKE EQUIP.	NEW YORK	TRUCK SIDE FRAMES	FOX.
WIDTH INSIDE	9'-4⅞"	TRIPLE VALVE	K-2	TRUCK SPRINGS	ARA CLUSTER "D"
HEIGHT INSIDE	4'-0"	BRAKE BEAMS	CRECO No. 2.	NO. OF DROP DOORS	4
CUBIC CAPACITY	1570 CU.FT	COUPLERS	CLIMAX 5x7.	WIDTH - DROP DOORS	3'-5⅛"
LIGHT WEIGHT - EACH TRUCK - ABOUT	7500 LBS	DRAFT GEAR	MINER	LENGTH - DROP DOORS	2'-4½"
LIGHT WEIGHT - CAR COMPLETE - ABOUT	85400 LBS	SIDE BEARINGS	PRESSED STEEL	BUILDER	PRESSED STEEL CAR CO.
UNDERFRAME	PRESSED STEEL	BODY BOLSTERS	PRESSED STEEL.	BUILT	1901.
SUPERSTRUCTURE	ALL STEEL.	TRUCK BOLSTERS	PRESSED STEEL.		

DROP BOTTOM GONDOLAS 25,297 to 25,892

100,000 LBS. CAPACITY.
NON-COMMON STANDARD.

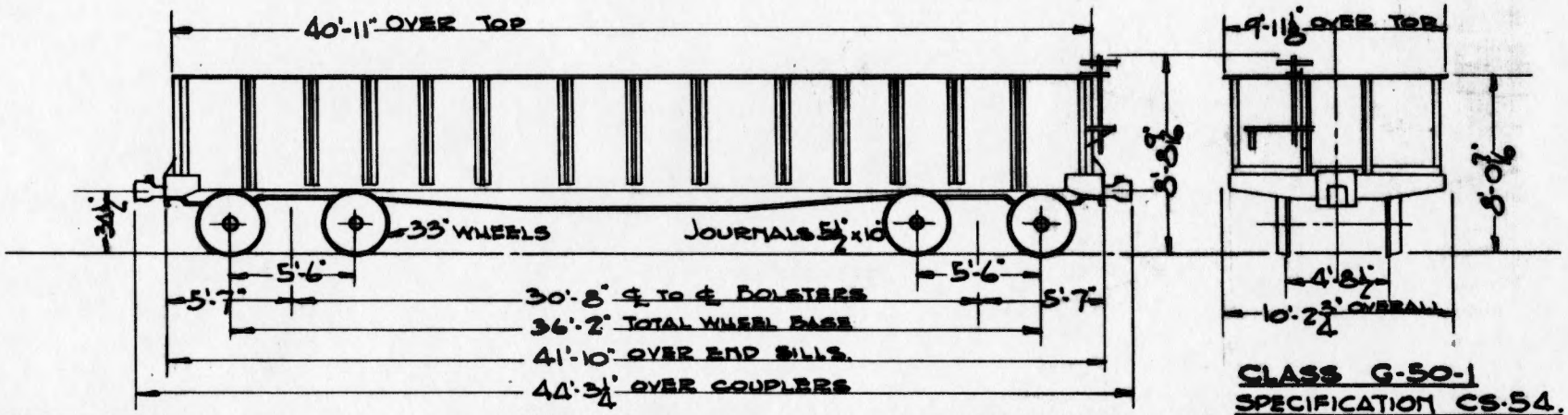


LENGTH INSIDE	41'-9"	AIR BRAKE EQUIP.	NEW YORK	TRUCK SIDE FRAMES	STD. STL. CAR PEDESTAL
WIDTH INSIDE	9'-5 5/8"	TRIPLE VALVE	K-2	TRUCK SPRINGS	ARA-CLUSTER "D"
HEIGHT INSIDE	4'-0"	BRAKE BEAMS	CRECO No 2.	NO. OF DROP DOORS	4
CUBIC CAPACITY	1581 CU. FT.	COUPLERS	CLIMAX 5x7	WIDTH DROP DOORS	3'-9"
LIGHT WEIGHT-EACH TRUCK-ABOUT	8000 LBS	DRAFT GEAR	MINER	LENGTH DROP DOORS	2'-8"
LIGHT WEIGHT-CAR COMPLETE ABOUT	37600 LBS	SIDE BEARINGS	CAST	BUILDER	STANDARD STEEL CAR CO.
UNDERFRAME	STEEL.	BODY BOLSTERS	BUILT UP. STEEL	BUILT.	1903
SUPERSTRUCTURE	STEEL.	TRUCK BOLSTERS	" " "		

1-2-26.

DROP BOTTOM GONDOLAS 25893 TO 26899

100,000 LBS. CAPACITY.



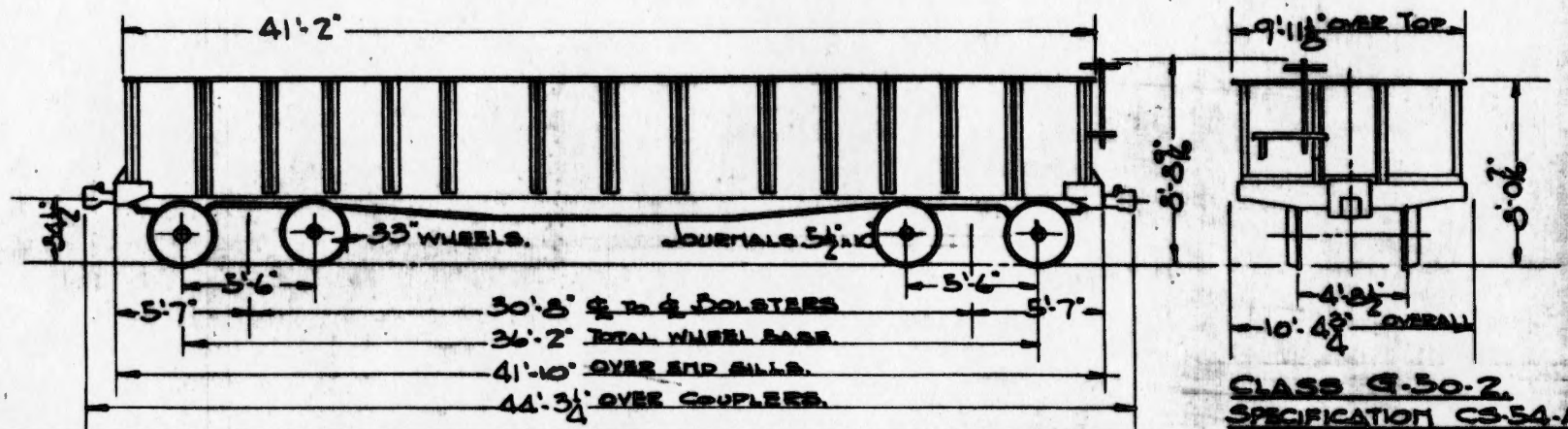
CLASS G-50-1
SPECIFICATION CS-54.

LENGTH - INSIDE	40'-4"	TRIPLE VALVE	STYLE K-2	NO. OF DROP DOORS	8.
WIDTH - INSIDE	9'-4⅞"	BRAKE BEAMS	DAMASCUS	WIDTH - DROP DOORS	8'-2¾"
HEIGHT - INSIDE	4'-6"	COUPLERS	CLIMAX 5x7.	LENGTH - DROP DOORS	2'-2½"
CUBIC CONTENTS	1706 CU. FT.	DRAFT GEAR	MINER TANDEM	CARS 25893 TO 26199	
LIGHT WEIGHT - EACH TRUCK - ABOUT	8272 LBS	SIDE BEARINGS	MINER GRAVITY ROLLER	BUILT BY PRESSED STEEL CAR CO - 1906.	
LIGHT WEIGHT - CAR COMPLETE - ABOUT	40170 LBS	BODY BOLSTERS	PRESSED STL	CARS 26200 TO 26899	
UNDERFRAME	PRESSED STEEL	TRUCK BOLSTERS	SIMPLEX	BUILT BY STANDARD STEEL CAR CO - 1907	
SUPERSTRUCTURE	STEEL	TRUCK SIDE FRAMES	ARCH BAR.	CARS 26400 TO 26899	
AIR BRAKE EQUIP.	NEW YORK. D.U.F.	TRUCK SPRINGS	ARA CLUSTER "D"	BUILT BY CAMBRIA STEEL CO.	1907.

1-2-26.

DROP BOTTOM GONDOLAS 26900 to 27293

100,000 LBS. CAPACITY.

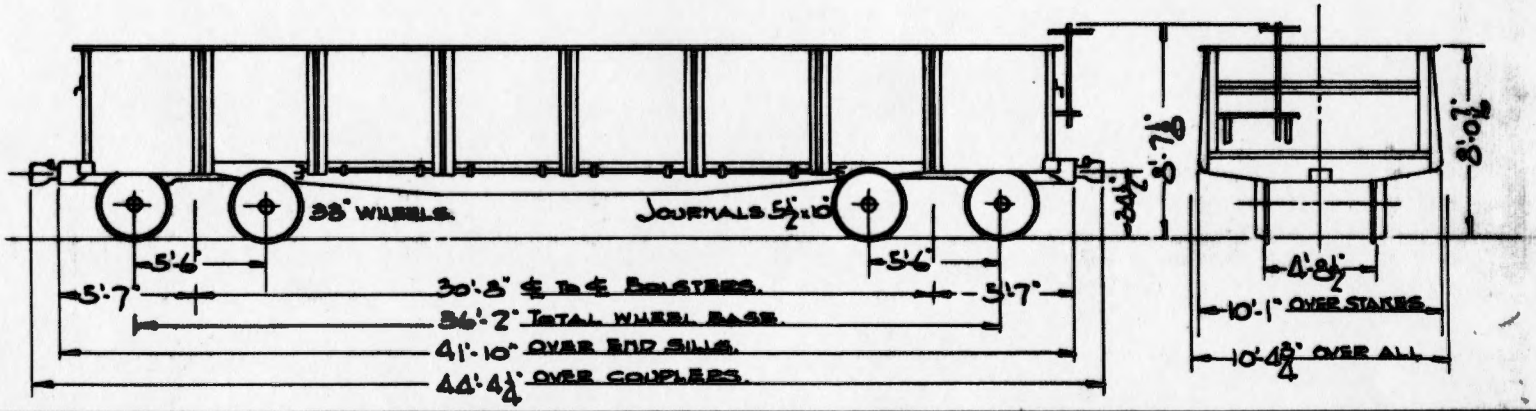


LENGTH- INSIDE	40'-4"	AIR BRAKE EQUIP.	WESTINGHOUSE	TRUCK SIDE FRAMES	ANDREWS
WIDTH- INSIDE	9'-4 1/2"	TRIPLE VALVE	K-2	TRUCK SPRINGS.	ARA-CLUSTER "D"
HEIGHT- INSIDE	4'-6"	BRAKE BEAMS.	DAMASCUS.	No. OF DROP DOORS	8
CUBIC CONTENTS	1105 CU. FT.	COUPLERS	CLIMAX 5x7.	WIDTH DROP DOORS	3'-2 3/8"
LIGHT WEIGHT- EACH TRUCK - ABOUT	8016 LBS.	DRAFT GEAR	MINER TANDEM.	LENGTH DROP DOORS	2'-2 1/2"
LIGHT WEIGHT- CAR COMPLETE ABOUT	40270 LBS.	SIDE BEARINGS.	MINER GRAVITY ROLLER	BUILDER	CAMBRIA STEEL CO.
UNDERFRAME	PRESSED STEEL.	TRUCK BOLSTERS	SIMPLEX	BUILT	1910.
SUPERSTRUCTURE	STEEL.	BODY BOLSTERS	PRESSED STL.		

1-2-26.

DROP BOTTOM GONDOLAS 27294 to 27543

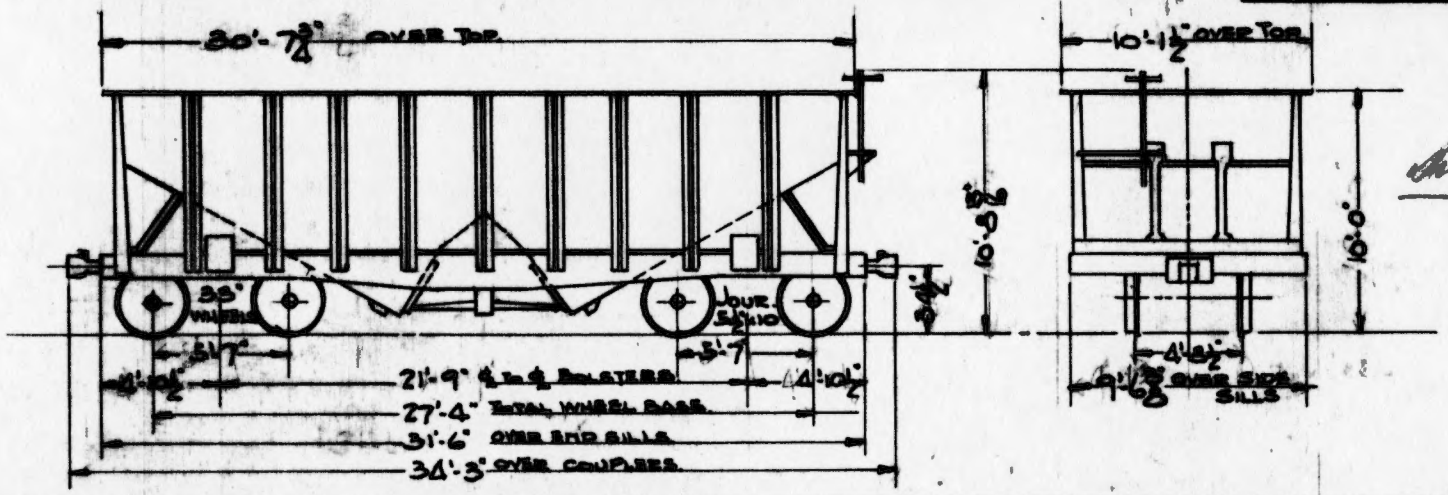
100,000 LBS. CAPACITY.
CLASS G-50-B
SPECIFICATION NO. 54B



LENGTH - INSIDE	40'-4"	AIR BRAKE EQUIP.	NEW YORK.	TRUCK SIDE FRAMES	BETTENDORF
WIDTH - INSIDE	9'-4⅞"	TRIPLE VALVE	K-2	TRUCK SPRINGS	ARA CLUSTER "D"
HEIGHT - INSIDE	4'-6"	BRAKE BEAMS	CRESCO #2.	DROP DOOR MECHANISM	ENTERPRISE
CUBIC CAPACITY	1705 CU. FT.	COUPLERS	CLIMAX. 5x7.	NO. OF DROP DOORS	8
LIGHT WEIGHT - EACH TRUCK - ABOUT	7437 LBS	DRAFT GEAR	MINER TANDEM	WIDTH - DROP DOORS	2'-9¼"
LIGHT WEIGHT - CAR COMPLETE - ABOUT	40,500 LBS	SIDE BEARINGS	MINER GRAVITY ROLLER	LENGTH - DROP DOORS	4'-6"
UNDERFRAME	PRESSED STEEL.	BODY BOLSTERS	PRESSED STL.	BUILDER	PRESSED STEEL CAR CO.
SUPERSTRUCTURE	STEEL.	TRUCK BOLSTERS	SIMPLEX.	BUILT	1913.

HOPPER BOTTOM GONDOLAS 30,000 TO 30,584.

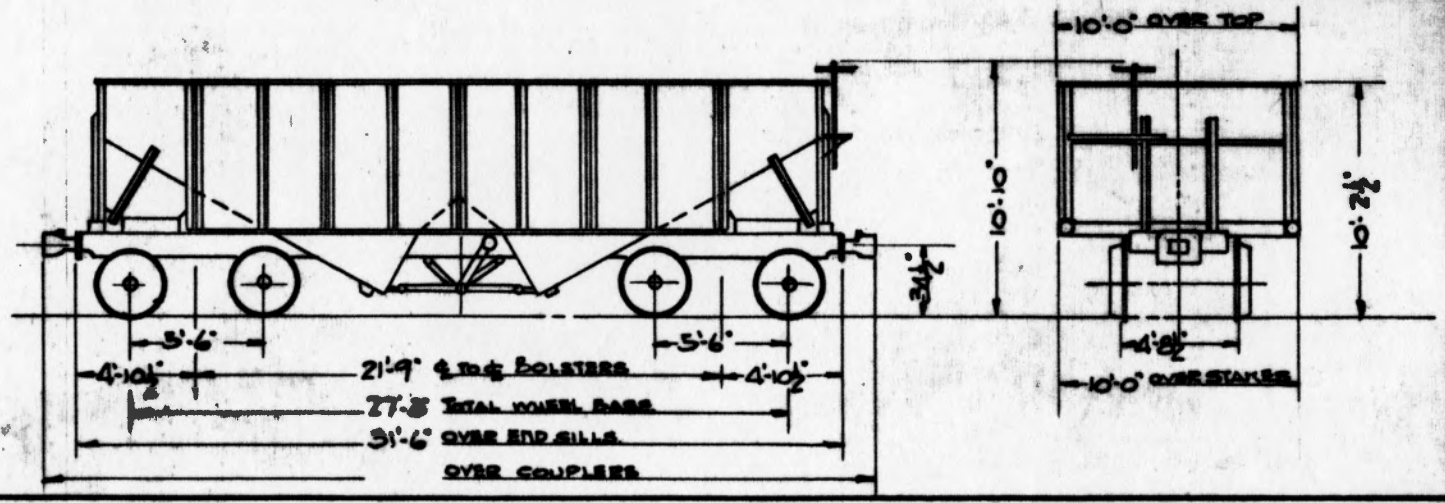
100,000 LBS. CAPACITY
NON-COMMON STANDARD.



LENGTH - INSIDE ____ 30'-0¼"	AIR BRAKE EQUIP ____ NEW YORK	TRUCK SIDE FRAMES. ____ ARCH BAR
WIDTH - INSIDE ____ 9'-6"	TRIPLE VALVE ____ K-1	TRUCK SPRINGS ____ A.R.A. CLUSTER "D"
HEIGHT - INSIDE - AVERAGE. ____ 5'-9¼"	BRAKE BEAMS ____ CRESCO #2	NO. OF DROP DOORS ____ 4
CUBIC CAPACITY ____ 1621 CU. FT.	COUPLERS ____ 5 & 7. CLIMAX	WIDTH - DROP DOORS ____ 2'-6½"
LIGHT WEIGHT - EACH TRUCK - ABOUT ____ 8,700 LBS.	DRAFT GEAR ____ TWIN SPRING	LENGTH - DROP DOORS ____ 3'-5⅞"
LIGHT WEIGHT - CAR COMPLETE - ABOUT. ____ 36,600 LBS.	SIDE BEARINGS ____ PRESSED STEEL.	BUILDER ____ PRESSED STEEL CAR CO.
UNDERFRAME ____ PRESSED STEEL.	BODY BOLSTERS ____ PRESSED STEEL.	BUILT - 30,000-30,293 ____ 1899
SUPERSTRUCTURE ____ STEEL.	TRUCK BOLSTERS ____ PRESSED STEEL.	30,294-30,584 ____ 1900

HOPPER BOTTOM GONDOLA 30585

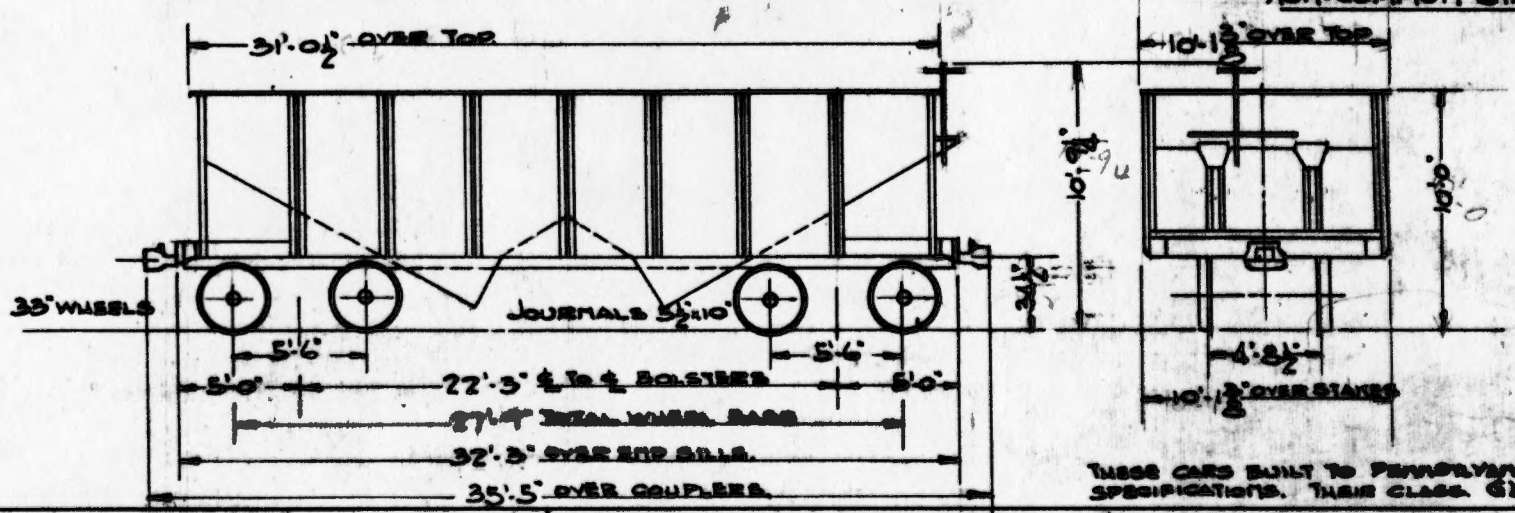
100,000 LBS. CAPACITY
NON-COMMON STANDARD.



LENGTH - INSIDE _____ 30'-0"	AIR BRAKE EQUIP _____	TRUCK SIDE FRAMES ____ ARCH BAR
WIDTH - INSIDE _____ 9'-5⅝"	TRIPLE VALVE	TRUCK SPRINGS _____ ARA CLUSTER "D"
HEIGHT - INSIDE _ AVERAGE _____ 6'-1½	BRAKE BEAMS -	NO. OF DROP DOORS _____ 4
CUBIC CONTENTS _____ 1740 CU. FT.	COUPLERS _____ CLIMAX	WIDTH DROP DOORS
LIGHT WEIGHT - EACH TRUCK - ABOUT	DRAFT GEAR _____ MINER.	LENGTH DROP DOORS
LIGHT WEIGHT - CAR COMPLETE - ABOUT	SIDE BEARINGS	BUILDER ____ STANDARD STEEL CAR Co.
UNDERFRAME ____ STEEL - CENTER SILL 15" CHANNEL	BODY BOLSTERS ____ STEEL - BUILT UP.	BUILT _____ 1908.
SUPERSTRUCTURE _____ STEEL	TRUCK BOLSTERS ____ PRESSED STEEL.	

HOPPER BOTTOM GONDOLAS 30884 TO 31033

100,000 LBS. CAPACITY
NON-COMMON STANDARD.



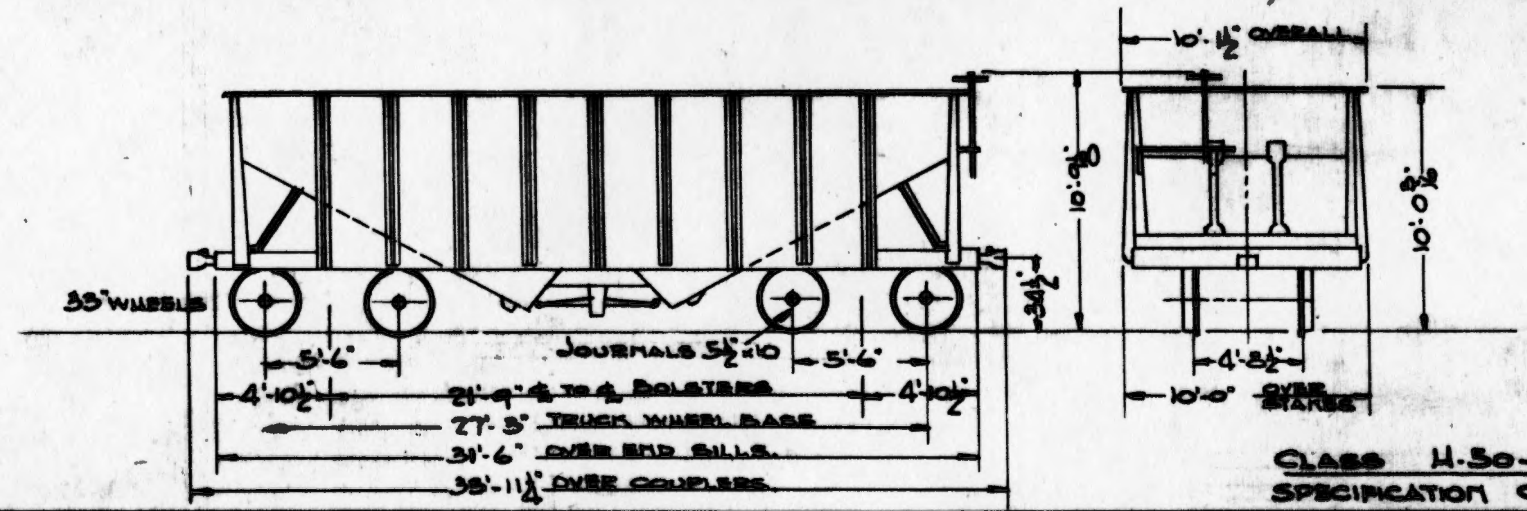
THESE CARS BUILT TO PENNSYLVANIA R.R. CO'S SPECIFICATIONS. THEIR CLASS. G1A.

LENGTH - INSIDE	30'-5"	AIR BRAKE EQUIP.	WESTINGHOUSE	TRUCK SIDE FRAMES	ARCH BAR
WIDTH - INSIDE	9'-6"	TRIPLE VALVE	K-2	TRUCK SPRINGS	ARA CLUSTER 'D'
HEIGHT - INSIDE AVERAGE	5'-9⅞"	BRAKE BEAMS	CRESCO	DROP DOOR MECHANISM	LIND.
CUBIC CAPACITY	1683 CU. FT.	COUPLERS	CLIMAX 5-7	NO. OF DROP DOORS	4
LIGHT WEIGHT - EACH TRUCK - ABOUT	7500 LBS.	DRAFT GEAR	FRICTION	WIDTH - DROP DOORS	30"
LIGHT WEIGHT - CAR COMPLETE - ABOUT	37700 LBS.	SIDE BEARINGS	PRESSED STEEL	LENGTH - DROP DOORS	40"
UNDERFRAME	STEEL. CEN. SILL - 10" CHANNEL.	BODY BOLSTER	STEEL - BUILT UP.	BUILDER - AMERICAN CAR & FDRY. CO. 1905	
SUPERSTRUCTURE	STEEL.	TRUCK BOLSTER	PRESSED STEEL.	PURCHASED 2ND HAND FROM BIG BEN COAL MINING CO. 1916.	

1-2-26

HOPPER BOTTOM GONDOLAS 30586 TO 30683

100,000 LBS. CAPACITY.

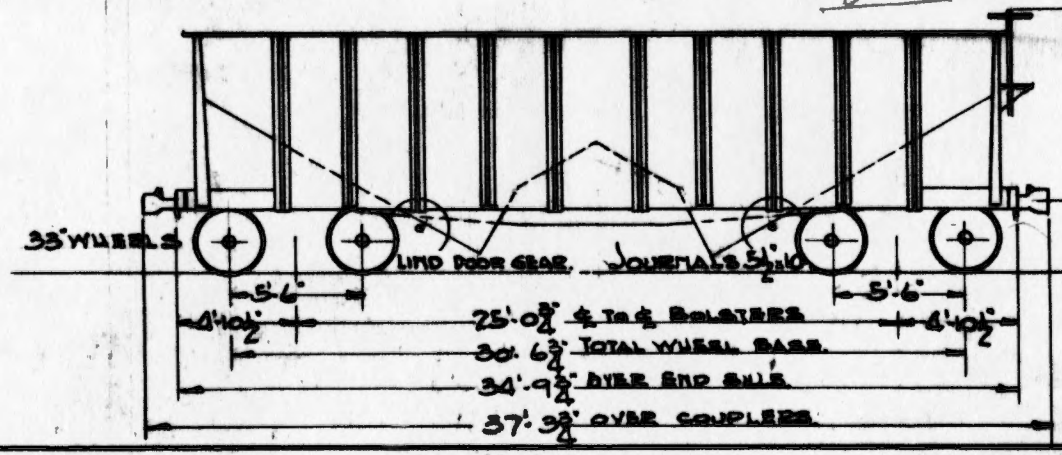


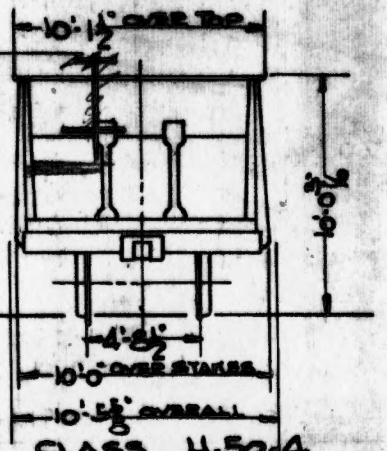
CLASS H-50-1
SPECIFICATION CS-55.

LENGTH - INSIDE	30'-0¼"	AIR BRAKE EQUIP.	NEW YORK	TRUCK SIDE FRAMES	ARCH BAR
WIDTH - INSIDE	9'-6"	TRIPLE VALVE	K-2	TRUCK SPRINGS	ARA. CLUSTER "D"
HEIGHT - INSIDE - AVERAGE	5'-9¼"	BRAKE BEAMS	DAMASCUS.	NO. OF DROP DOORS	4
CUBIC CONTENTS	1650 CU.FT.	COUPLERS	CLIMAX 5×7	WIDTH DROP DOORS	
LIGHT WEIGHT. EACH TRUCK - ABOUT	8272 LBS	DRAFT GEAR	MINER TANDEM	LENGTH DROP DOORS	
LIGHT WEIGHT. CAR COMPLETE - ABOUT	39500 LBS.	SIDE BEARINGS	MINER GRAVITY ROLLER	BUILDER	CAMBRIA STEEL CO
UNDERFRAME	PRESSED STEEL.	BODY BOLSTERS	PRESSED STEEL	BUILT	1908
SUPERSTRUCTURE	STEEL.	TRUCK BOLSTERS	SIMPLEX		

HOPPER BOTTOM GONDOLAS 30684 TO 30883

100,000 LBS. CAPACITY





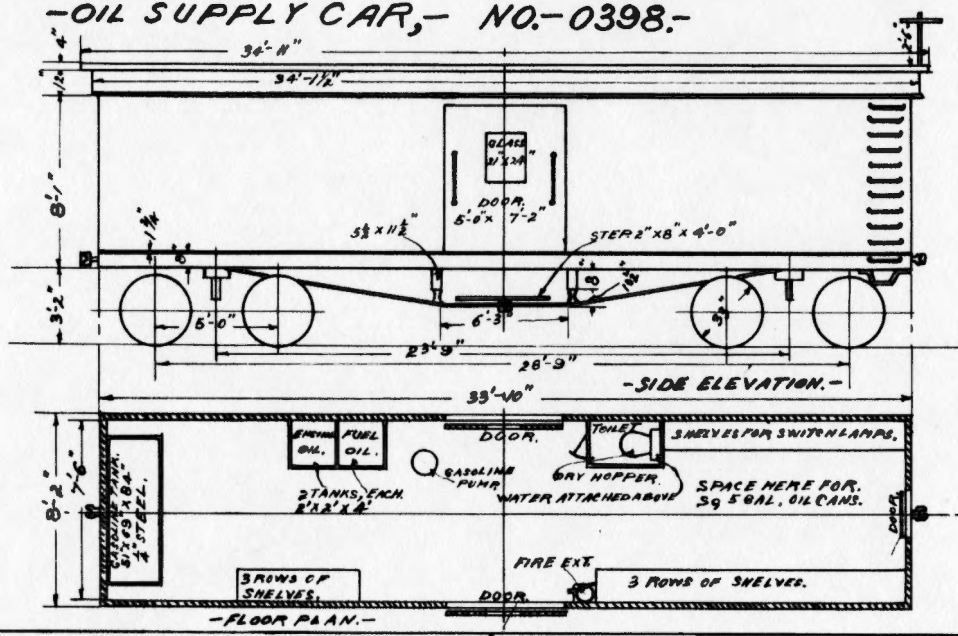
CLASS H-50-4
SPECIFICATION CS-55-C.

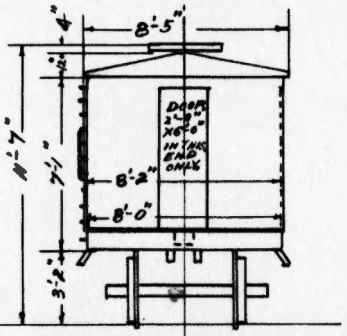
LENGTH - INSIDE	53'-4"	AIR BRAKE EQUIP	NEW YORK	TRUCK SIDE FRAMES	BETTENDORF
WIDTH - INSIDE	9'-6"	TRIPLE VALVE	K-2	TRUCK SPRINGS	ARA CLUSTER "D"
HEIGHT - INSIDE - AVERAGE	5'-9½"	BRAKE BEAMS	CRECO NO. 2.	NO. OF DROP DOORS	4
CUBIC CONTENTS	1820 CU. FT.	COUPLERS	CLIMAX 5x7	WIDTH - DROP DOORS	30"
LIGHT WEIGHT - EACH TRUCK - ABOUT	7487 LBS	DRAFT GEAR	MINER TANDEM	LENGTH - DROP DOORS	40"
LIGHT WEIGHT - CAR COMPLETE - ABOUT	40560 LBS	SIDE BEARINGS	MINER GRAVITY ROLLER	BUILDER	PRESSED STEEL CAR CO.
UNDERFRAME	PRESSED STEEL.	BODY BOLSTERS	PRESSED STEEL.	BUILT	1913.
SUPERSTRUCTURE	STEEL.	TRUCK BOLSTERS	SIMPLEX.		

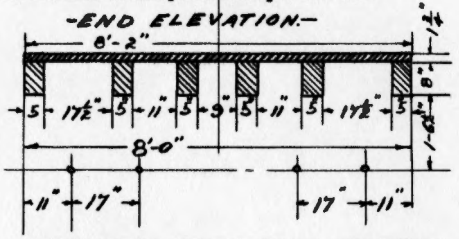
BUILT BY. PULLMAN CAR CO.-

YEAR BUILT.- 1888

-OIL SUPPLY CAR,- NO.-0398.-





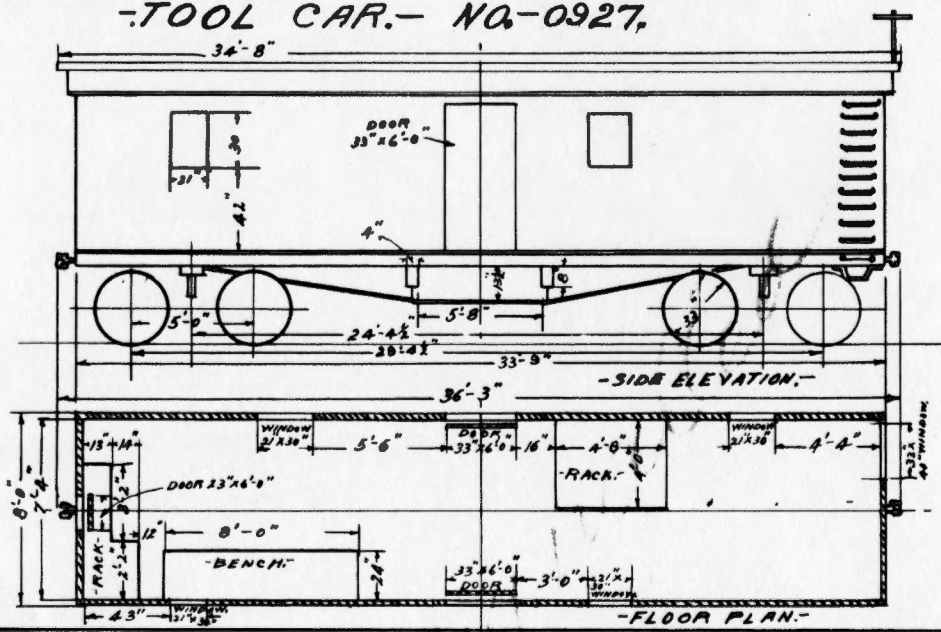


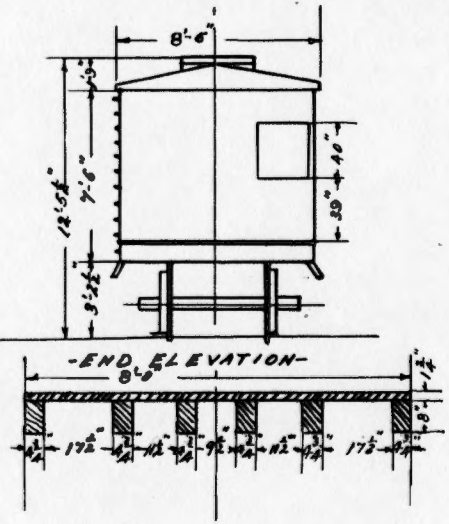
WEIGHT, LBS,-	39,600	WIDTH OVER SILLS,-	8'-0"	END DOOR,-	2'-0"x6'-0"
CAPACITY, LBS,-	40,000	TRAMSON CENTERS,-	23'-9"	AIR BRAKES,-	W. A. B.
CUBIC. CONTENTS,-		KIND OF TRUCKS,-	ARCH BAR.	CYLINDER,-	8"
LENGTH INSIDE,-	33'-2"	JOURNALS, SIZE,-		DRAFT RIGGING,-	
WIDTH. INSIDE,-	7'-6"	TRUCK WHEEL BASE,-	5'-0"	COUPLER,-	TOWER.
HEIGHT. INSIDE,-	7'-1½"	TOTAL WHEEL BASE,-	28'-9"		
LENGTH OVER COUPLERS,-		ROOFING,-			
WIDTH EXTREME,-	8'-5"	BODY BOLSTER,-			
LENGTH OVER SILLS,-	33'-10"	SIDE DOOR,-	5'-0"x 7'-2"	JUNE-27-1916	K-5313.

G.W.P.

BUILT BY PULLMAN CAR CO.— YEAR BUILT—1889.

-TOOL CAR.— NO.-0927.



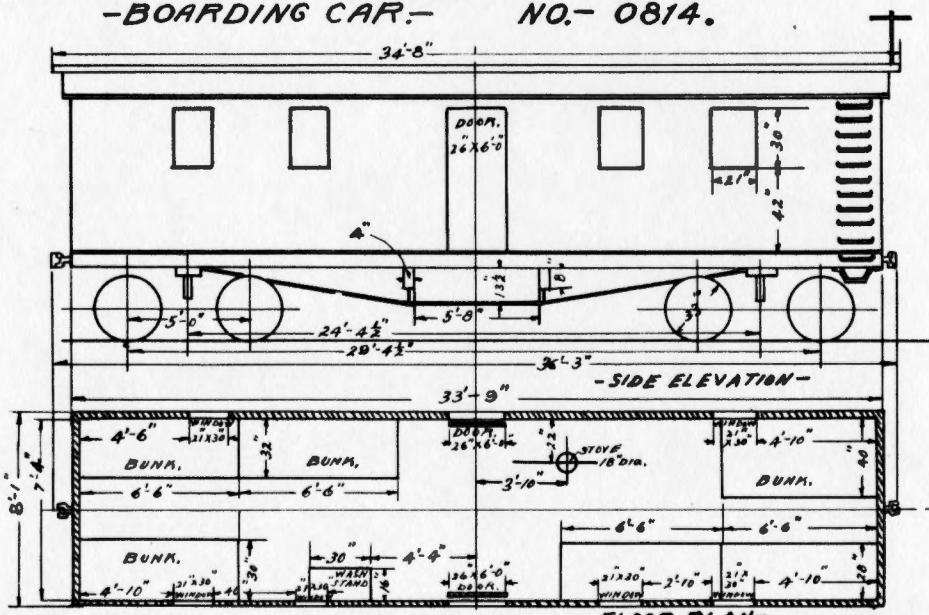


WEIGHT, LBS.—	25,500	WIDTH OVER SILLS.—	8'-0"	END DOOR.—	1'-11" x 6'-0"
CAPACITY, LBS.—		TRAMSON CENTERS.—	24'-4½"	AIR BRAKES.—	W.A.B.
CUBIC CONTENTS.—		KIND OF TRUCKS.—	ARCH BAR.	CYLINDER.—	8"
LENGTH INSIDE.—	33'-1	JOURNALS, SIZE.—	3¾" x 7"	DRAFT RIGGING.—	MINER.
WIDTH, INSIDE.—	7'-4"	TRUCK WHEEL BASE.—	5'-0"	COUPLER.—	TOWER.
HEIGHT. INSIDE.—	6'-8"	TOTAL WHEEL BASE.—	29'-4½"		
LENGTH OVER COUPLERS.—	36'-3"	ROOFING.—	MATCHED WOOD.		
WIDTH EXTREME.—	8'-6"	BODY BOLSTER	⅞" x 7"		
LENGTH OVER SILLS.—	33'-9"	SIDE DOOR.	2'-9" x 6'-0"	JUNE-27-1916"	K-5314.

G.W.R.

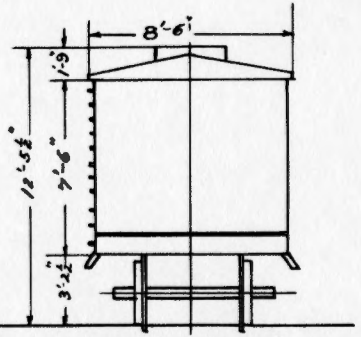
BUILT BY. O. R. & N. CO. DALLES, OREGON. YEAR BUILT-1886.

-BOARDING CAR.- NO.- 0814.

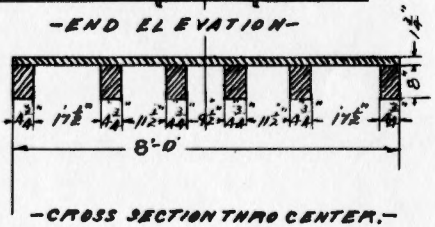


-SIDE ELEVATION-

-FLOOR PLAN-



-END ELEVATION-



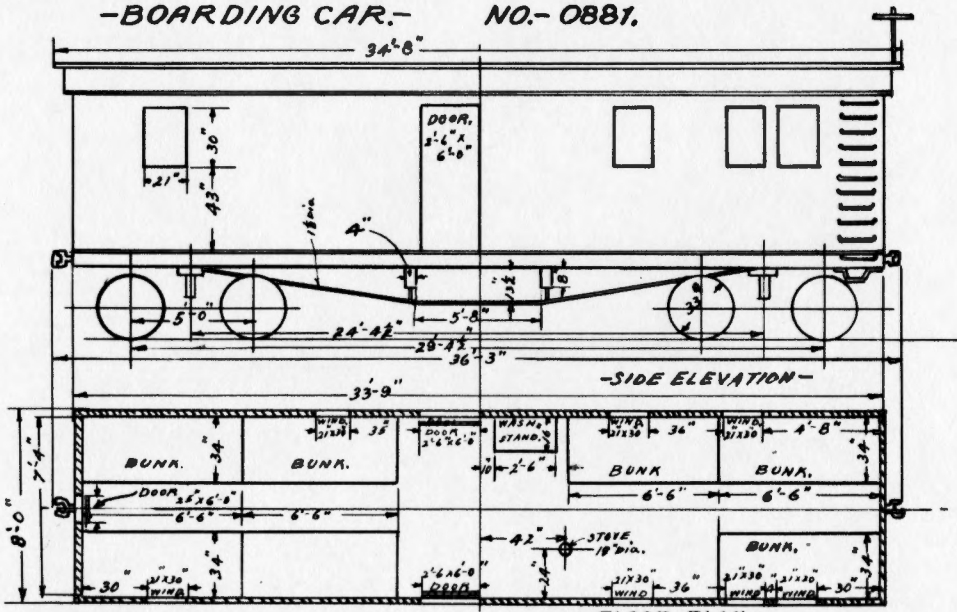
-CROSS SECTION THRO CENTER.-

WEIGHT, LBS,-	25,200.	WIDTH OVER SILLS,-	8'-0"	AIR BRAKES,-	W. A. B.
CAPACITY, LBS,-	30,000	TRAMSON CENTERS,-	24'-4½"	CYLINDER,-	8"
CUBIC CONTENTS,-		KIND OF TRUCKS,-	ARCH BAR.	DRAFT RIGGING,-	MINER,
LENGTH INSIDE,-	33'-1"	JOURNALS, SIZE,-	3¾" X 7"	COUPLERS,-	AMERICAN.
WIDTH, INSIDE,-	7'-4"	TRUCK WHEEL BASE,-	5'-0"		
HEIGHT INSIDE,-	6'-8"	TOTAL WHEEL BASE,-	29'-4½"		
LENGTH OVER COUPLERS,-	36'-3"	ROOFING,-	MATCHED WOOD.		
WIDTH EXTREME,-	8'-6"	BODY BOLSTER,-	⅞" X 7"		
LENGTH OVER SILLS,-	33'-9"	SIDE DOOR,-	2'-2" X 6'-0"	JUNE- 28- 1916.	K-5315.

G.W.P.

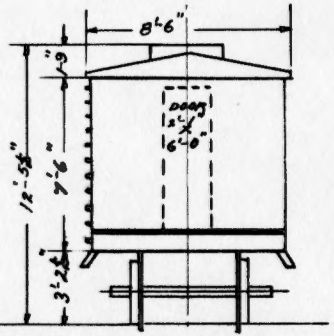
BUILT BY. PULLMAN CAR CO.— YEAR BUILT—1888

—BOARDING CAR.— NO.—0881.

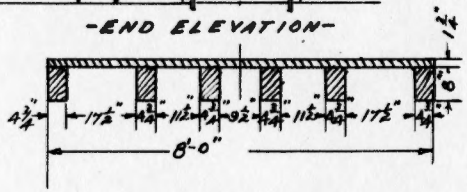


—SIDE ELEVATION—

—FLOOR PLAN—



—END ELEVATION—



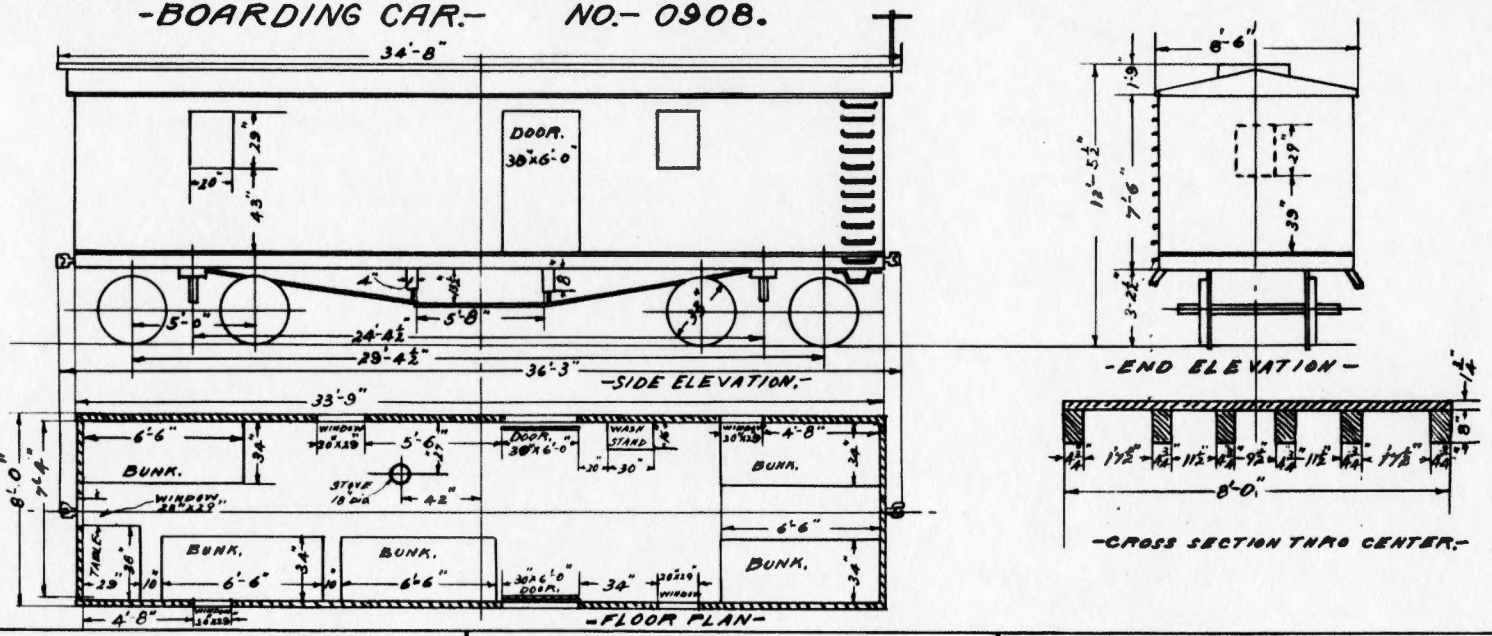
—CROSS SECTION THRO. CETER.—

WEIGHT, LBS,—	25,200	WIDTH OVER SILLS,—	8'-0"	END DOOR,—	2'-1" X 6'-0"
CAPACITY, LBS,—	30,000.	TRAMSON CENTERS,—	24'-4½"	AIR BRAKES,—	W. A. B.
CUBIC CONTENTS,—		KIND OF TRUCKS,—	ARCH BAR.	CYLINDER,—	8"
LENGTH INSIDE,—	33'-1"	JOURNALS, SIZE,—	3¾" X 7"	DRAFT RIGGING,—	MINER.
WIDTH INSIDE,—	7'-4"	TRUCK WHEEL BASE,—	5'-0"	COUPLER,—	CLIMAX.
HEIGHT INSIDE,—	8'-6"	TOTAL WHEEL BASE,—	29'-4½"		
LENGTH OVER COUPLERS,—	36'-3"	ROOFING,—	MATCHEDWOOD.		
WIDTH EXTREME,—	8'-6"	BODY BOLSTER	⅞" X 7"		
LENGTH OVER SILLS,—	33'-9"	SIDE DOOR.	2'-6" X 6'-0"	JUNE-28-1916	K-5316.

G.W.P.

BUILT BY. PULLMAN CAR CO.— YEAR BUILT-1889.

-BOARDING CAR.— NO.- 0908.



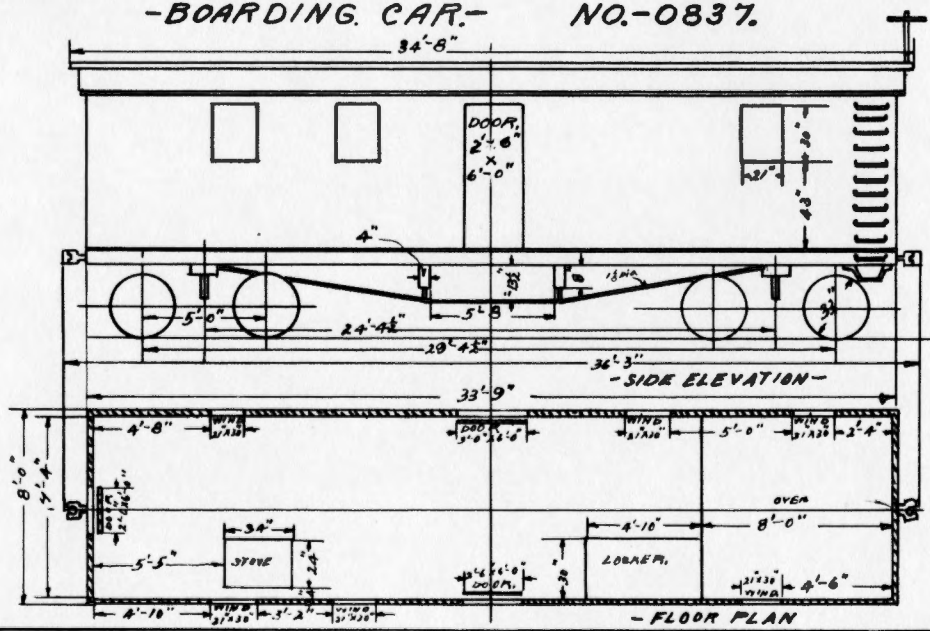
WEIGHT, LBS.—	26,800	WIDTH OVER SILLS.—	8'-0"	AIR BRAKES.—	W. A. B.
CAPACITY, LBS.—	40,000	TRAMSON CENTERS.—	24'-4½"	CYLINDER.—	8"
CUBIC CONTENTS.—		KIND OF TRUCKS.—	ARCH BAR	DRAFT RIGGING.—	MINER.
LENGTH INSIDE.—	33'-1	JOURNALS, SIZE.—	3½ x 7"	COUPLERS.—	TOWER.
WIDTH INSIDE.—	7'-4"	TRUCK WHEEL BASE.—	5-0		
HEIGHT INSIDE.—	6'-8"	TOTAL WHEEL BASE,	29'-4½"		
LENGTH OVER COUPLERS.—	36'-3"	ROOFING.—	MATCHED WOOD.		
WIDTH EXTREME.—	8'-6"	BODY BOLSTER	⅞ x 7"		
LENGTH OVER SILLS.—	33'-9"	SIDE DOOR.	2'-6" x 6'-0"	JUNE-28-1916"	K-5317.

G.W.P.

BUILT BY

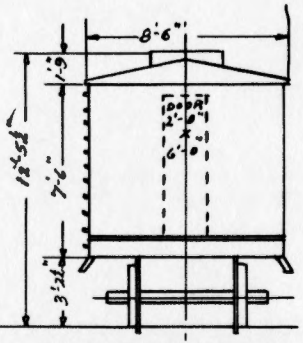
YEAR BUILT:-1888.

-BOARDING CAR.- NO.-0837.

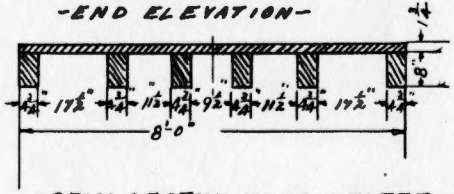


-SIDE ELEVATION-

-FLOOR PLAN



-END ELEVATION-



-CROSS SECTION THRO. CENTER.-

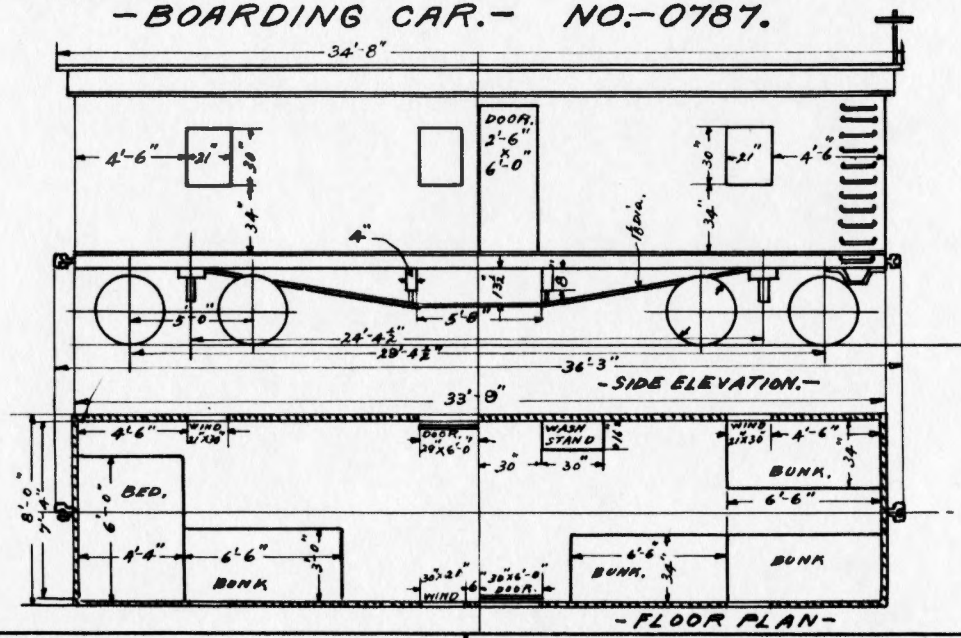
WEIGHT, LBS,-	27,100	WIDTH OVER SILLS,-	8'-0"	END DOOR,-	2'-0" X 6'-0"
CAPACITY, LBS,-		TRAMSON CENTERS,-	24'-4½"	AIR BRAKES,-	W.A.B.
CUBIC CONTENTS,-		KIND OF TRUCKS,-	ARCH BAR.	CYLINDER,-	8"
LENGTH INSIDE,-	33'-1"	JOURNALS, SIZE,-	4½" X 7"	DRAFT RIGGING,-	MINER.
WIDTH INSIDE,-	7'-4"	TRUCK WHEEL BASE,-	5'-0"	COUPLER,-	CHICAGO.
HEIGHT, INSIDE,-	7'-8"	TOTAL WHEEL BASE,-	29'-4½"		
LENGTH OVER COUPLERS,-	36'-3"	ROOFING,-	MATCHED WOOD.		
WIDTH EXTREME,-	8'-6"	BODY BOLSTER	5"X16" WOOD.		
LENGTH OVER SILLS,-	33'-9"	SIDE DOORS,	2'-6" X 6'-0" & 3'-0" X 6'-0"	JUNE. 29 - 1916	K-5318.

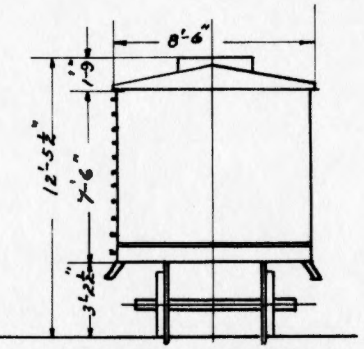
C.W.P.

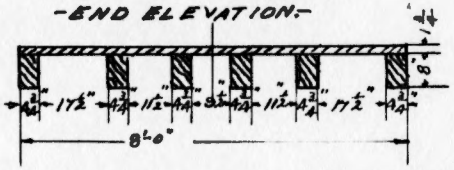
BUILT BY

YEAR BUILT.-1888.

-BOARDING CAR.- NO.-0787.







WEIGHT, LBS,-	24,900.	WIDTH OVER SILLS,-	8'-0"	AIR BRAKES,-	W.A.B.
CAPACITY, LBS,-		TRAMSON CENTERS,-	24'-4½"	CYLINDER,-	8"
CUBIC CONTENTS,-		KIND OF TRUCKS,-	ARCH BAR.	DRAFT RIGGING,-	MINER.
LENGTH INSIDE,-	33'-1"	JOURNALS, SIZE,-	3½" X 7"	COUPLER,-	TOWER.
WIDTH, INSIDE,-	7'-4"	TRUCK WHEEL BASE,-	5'-0"		
HEIGHT INSIDE,-	8'-6"	TOTAL WHEEL BASE,-	29'-4½"		
LENGTH OVER COUPLERS,-	36'-3"	ROOFING,-	MATCHED WOOD.		
WIDTH EXTREME,-	8'-6"	BODY BOLSTER	5"x16" WOOD.		
LENGTH OVER SILLS,-	33'-9"	SIDE DOORS,	2'-6"x6'-0" & 2'-6"x6'-0"	JUNE-20-1916.	K-5319.

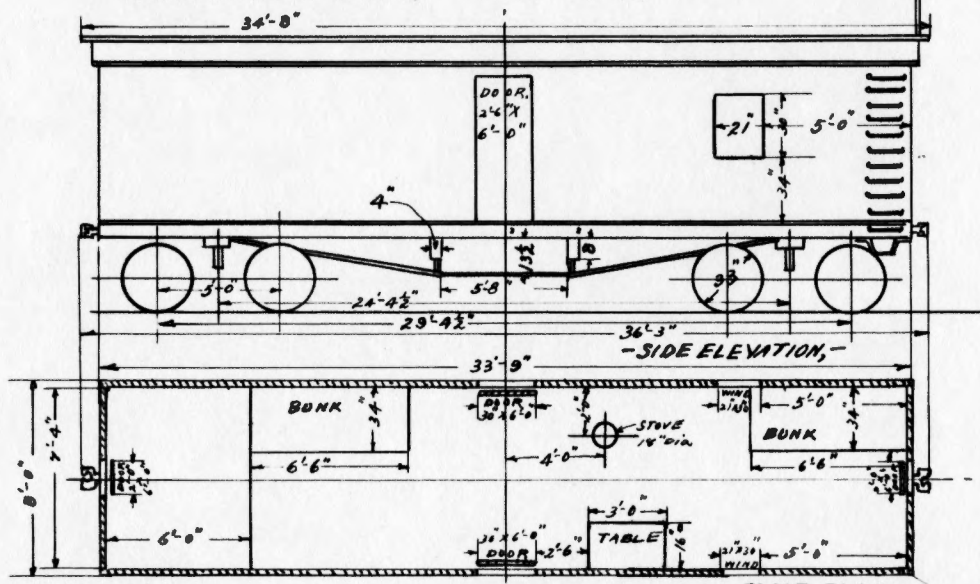
Q.W.P.

BUILT BY. UNKNOWN.

YEAR BUILT,—UNKNOWN.

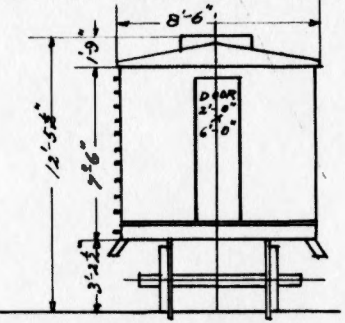
-BOARDING CAR.— NO.- 07.-

-TIME KEEPERS CAR.-

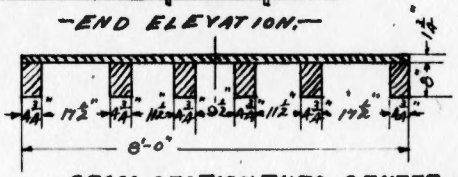


-SIDE ELEVATION,-

-FLOOR PLAN,-



-END ELEVATION.-



-CROSS SECTION THRO. CENTER.-

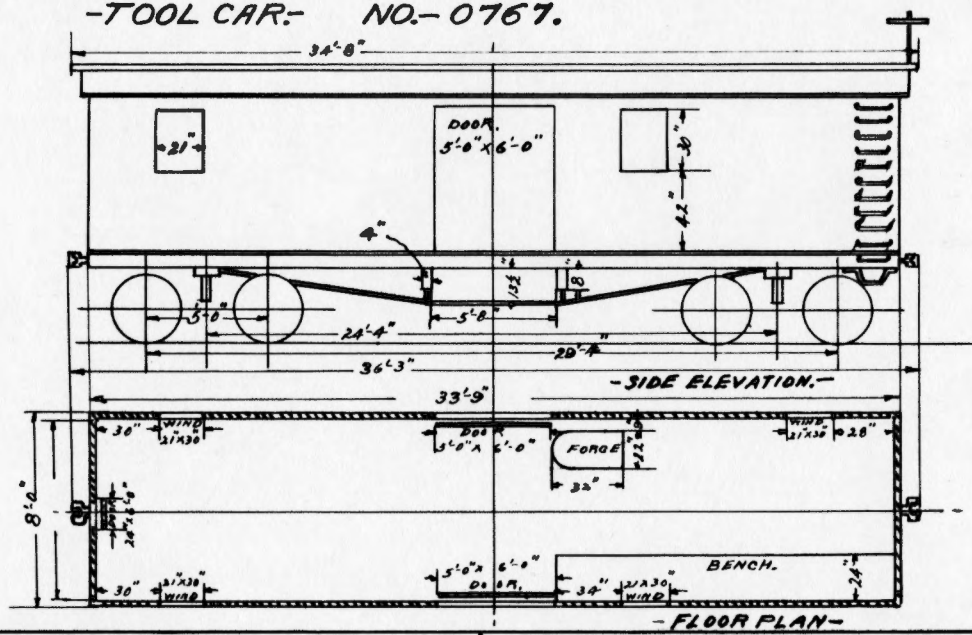
WEIGHT, LBS,-		WIDTH OVER SILLS,-	8'-0"	END DOORS,-	2'-0" X 6'-0"
CAPACITY, LBS,-		TRAMSON CENTERS,-	24'-4½"	AIR BRAKES,-	W.A.B.
CUBIC CONTENTS,-		KIND OF TRUCKS,-	ARCHBAR.	CYLINDER,-	8"
LENGTH INSIDE,-	33'-1"	JOURNALS, SIZE,-	3¾" X 7"	DRAFT RIGGING,-	TIMNER.
WIDTH INSIDE,-	7'-4"	TRUCK WHEEL BASE,-	5'-0"	COUPLER,-	CLIMAX.
HEIGHT INSIDE,-	8'-6"	TOTAL WHEEL BASE,-	29'-4½"		
LENGTH OVER COUPLERS,-	36'-3"	ROOFING,-	MATCHED WOOD.		
WIDTH EXTREME,-	8'-6"	BODY BOLSTER,-	5" X 16" WOOD.		
LENGTH OVER SILLS,-	33'-9"	SIDE DOORS,	2'-6" X 6'-0"	JUNE-29-1916.	K-5321.

G.W.P.

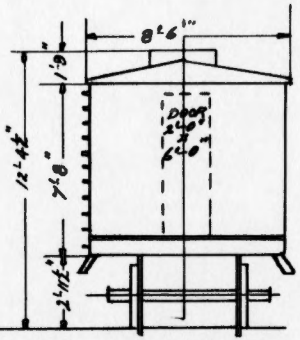
BUILT BY.

YEAR BUILT.-1883.

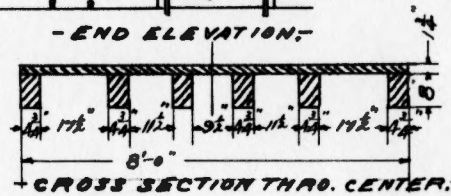
-TOOL CAR.- NO.-0767.



-FLOOR PLAN-



-END ELEVATION.-



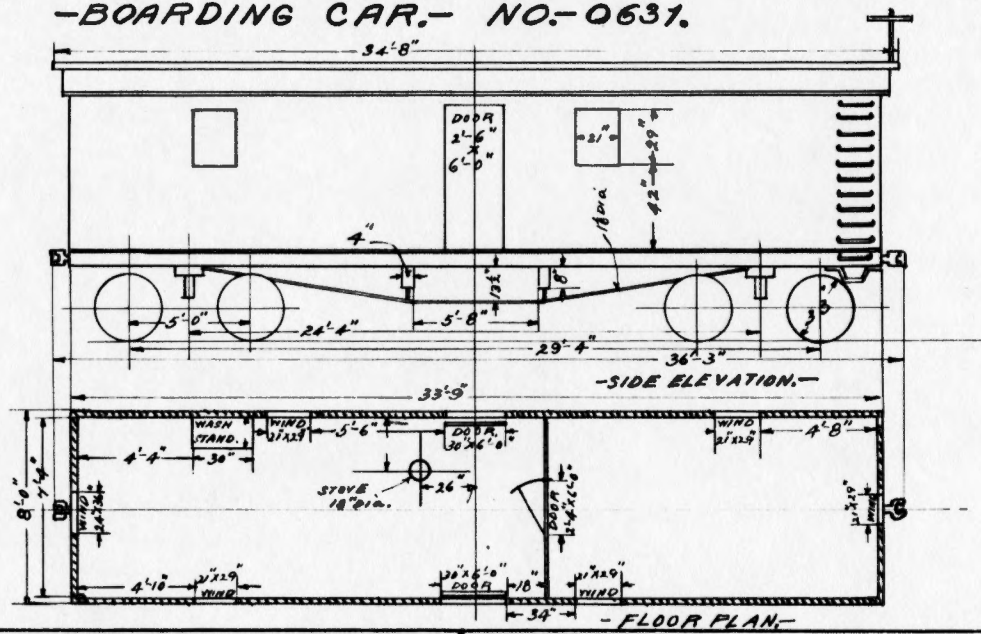
CROSS SECTION THRO. CENTER.-

WEIGHT, LBS.-	26,800	WIDTH OVER SILLS.-	8'-0"	END DOOR.-	2'-0" X 6'-0"
CAPACITY, LBS.-		TRAMSON CENTERS.-	24'-4"	AIR BRAKES.-	W.A.B.
CUBIC CONTENTS.-		KIND OF TRUCKS.-	ARCH BAR.	CYLINDER.-	8"
LENGTH INSIDE.-	33'-1"	JOURNALS, SIZE.-	3¼" X 7"	DRAFT RIGGING.-	MINER.
WIDTH INSIDE.-	7'-4"	TRUCK WHEEL BASE.-	5'-0"	COUPLER.-	TOWER.
HEIGHT INSIDE.-	8'-5"	TOTAL WHEEL BASE.-	28'-4"		
LENGTH OVER COUPLERS.-	36'-3"	ROOFING.-			
WIDTH EXTREME.-	8'-6"	BODY BOLSTER.-	5" X 16" WOOD.		
LENGTH OVER SILLS.-	33'-9"	SIDE DOORS.-	5'-0" X 6'-0"	JUNE- 29-1916.	K-5322.

G.W.P.

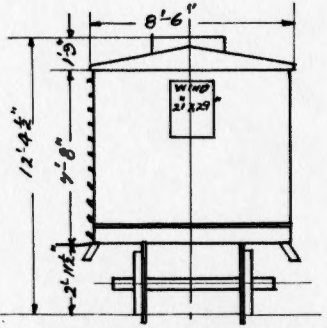
BUILT BY. O. R & N. CO.- DALLES, OREGON. YEAR BUILT:- 1886.

-BOARDING CAR.- NO.-0631.

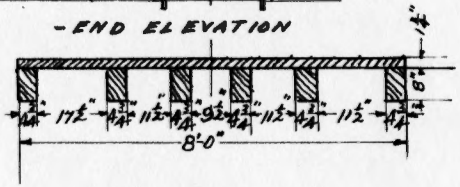


-SIDE ELEVATION.-

-FLOOR PLAN.-



-END ELEVATION



-CROSS SECTION THRO. CENTER.-

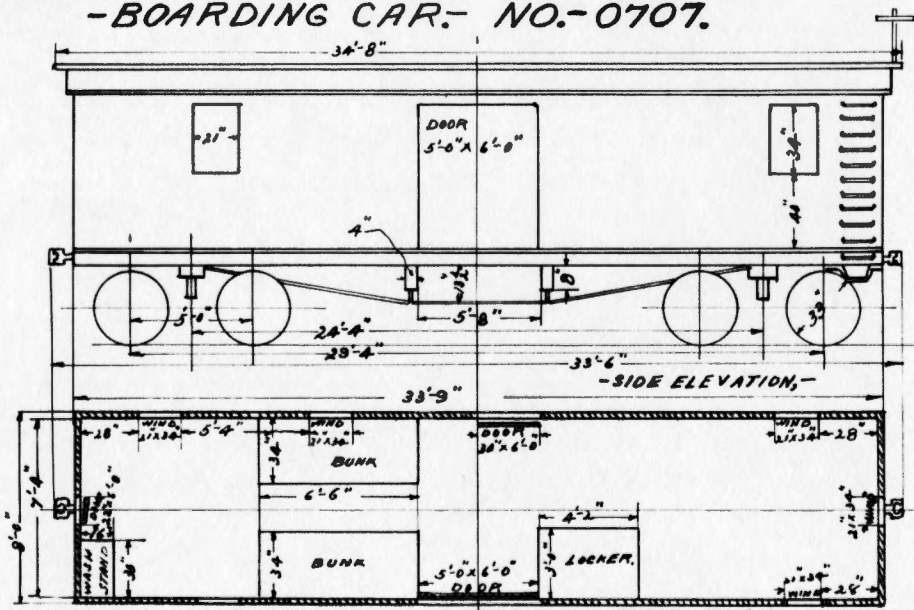
WEIGHT, LBS,-	25,200	WIDTH OVER SILLS,-	8'-0"	AIR BRAKES,-	W. A. B.
CAPACITY, LBS,-	40,000	TRAMSON CENTERS,-	24'-4"	CYLINDER,-	8"
CUBIC CONTENTS,-		KIND OF TRUCKS,-	ARCH BAR.	DRAFT RIGGING,-	MINER.
LENGTH INSIDE,-	33'-1"	JOURNALS, SIZE,-	3¾" X 7"	COUPLERS,-	TOWER.
WIDTH INSIDE,-	7'-4"	TRUCK WHEEL BASE,-	5'-0"		
HEIGHT INSIDE,-	8'-5"	TOTAL WHEEL BASE,-	29'-4"		
LENGTH OVER COUPLERS,-	36'-3"	ROOFING,-			
WIDTH EXTREME,-	8'-6"	BODY BOLSTER,-	⅞" X 7"		
LENGTH OVER SILLS,-	33'-9"	SIDE DOORS,-	2'-6" X 6'-0"	JUNE-30-1916	K-5323.

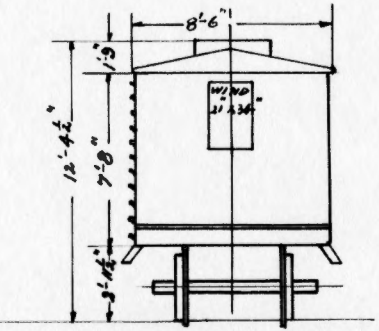
G.W.P.

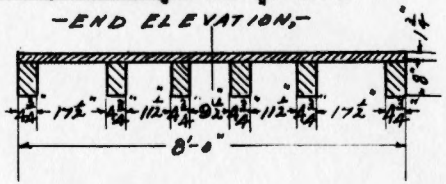
BUILT BY. PULLMAN CAR CO.-

YEAR BUILT.- 1889.

-BOARDING CAR.- NO.-0707.







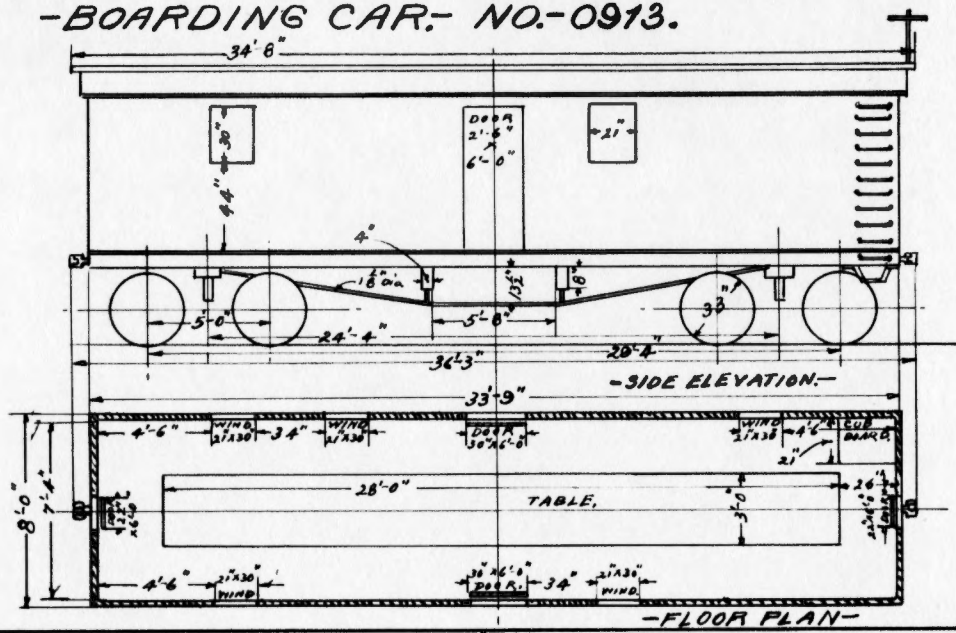
WEIGHT, LBS.-	24,700	WIDTH OVER SILLS.-	8'-0"	END DOOR.-	1'-10" X 6'-0"
CAPACITY, LBS.-	40,000.	TRAMSON CENTERS.-	24'-4"	AIR BRAKES.-	W. A. B.
CUBIC CONTENTS.-		KIND OF TRUCKS.-	ARCH BAR.	CYLINDER.-	8"
LENGTH INSIDE.-	33'-1"	JOURNALS, SIZE.-	3¾" X 7"	DRAFT RIGGING.-	MINER.
WIDTH INSIDE.-	7'-4"	TRUCK WHEEL BASE.-	5'-0"	COUPLERS.-	TOWER.
HEIGHT INSIDE.-	8'-6"	TOTAL WHEEL BASE.-	29'-4"		
LENGTH OVER COUPLERS.-	36'-3"	ROOFING.-	METAL		
WIDTH EXTREME.-	8'-6"	BODY BOLSTER.-	⅞" X 7"		
LENGTH OVER SILLS.-	33'-9"	SIDE DOORS.-	5'-0" X 6'-0" & 2'-6" X 6'-0"	JUNE- 30- 1916.	K-5324.

G.W.P.

BUILT BY. O. R. & N. CO. DALLES, OREGON.

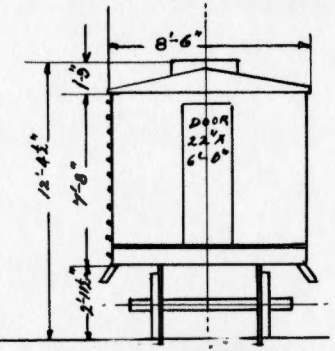
YEAR BUILT. 1883.

-BOARDING CAR.- NO.-0913.

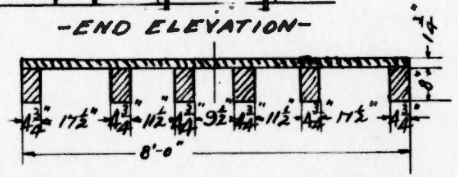


-SIDE ELEVATION.-

-FLOOR PLAN-



-END ELEVATION-



-CROSS SECTION THRO. CENTER.-

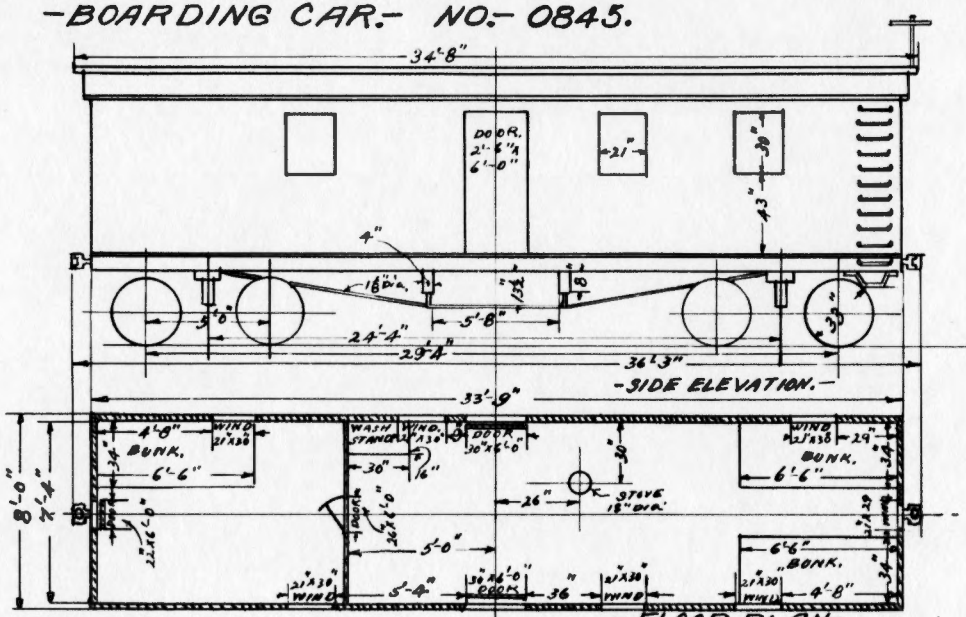
WEIGHT, LBS.-	25,600	WIDTH OVER SILLS.-	8'-0"	END DOOR.-	1'-10" x 6'-0"
CAPACITY, LBS.-	40,000	TRAMSON CENTERS.-	24'-4"	AIR BRAKES.-	W.A.B.
CUBIC CONTENTS.-		KIND OF TRUCKS.-	ARCH BAR.	CYLINDER.-	8"
LENGTH INSIDE.-	33'-1"	JOURNALS, SIZE.-	3¾" x 7"	DRAFT RIGGING.-	MINER.
WIDTH INSIDE.-	7'-4"	TRUCK WHEEL BASE.-	5'-0"	COUPLER.-	TOWER.
HEIGHT INSIDE.-	8'-6"	TOTAL WHEEL BASE.-	29'-4"		
LENGTH OVER COUPLERS.-	36'-3"	ROOFING.-			
WIDTH EXTREME.-	8'-6"	BODY BOLSTER.-	⅞" x 7"		
LENGTH OVER SILLS.-	33'-9"	SIDE DOOR.-	2'-6" x 6'-0"	JUNE-30-1916	K-5326.

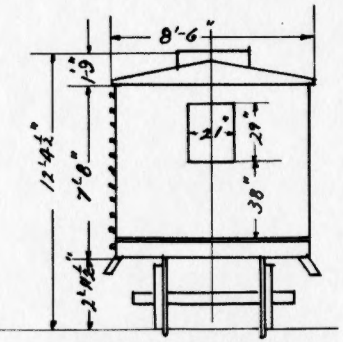
G.W.P.

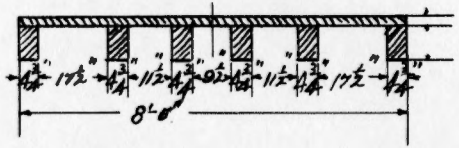
BUILT BY. O.R.&N. CO.- DALLES,- OREGON.-

YEAR BUILT,- 1883.

-BOARDING CAR.- NO.- 0845.







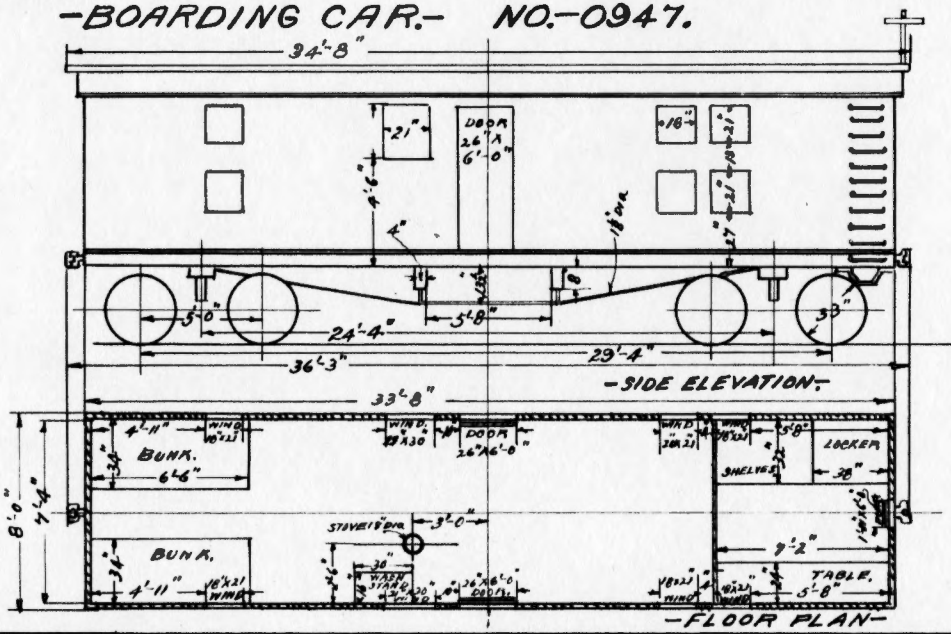
WEIGHT, LBS,-	25.900	WIDTH OVER SILLS,-	8'-0"	END DOOR,-	1'-10" X 6'-0"
CAPACITY, LBS,-		TRAMSON CENTERS,-	24'-4"	AIR BRAKES,-	W. A.B.
CUBIC CONTENTS,-		KIND OF TRUCKS,-	ARCHBAR.	CYLINDER,-	8"
LENGTH INSIDE,-	33'-1"	JOURNALS, SIZE,-	3¾" X 7"	DRAFT RIGGING,-	HINER.
WIDTH INSIDE,-	7'-4"	TRUCK WHEEL BASE,-	5'-0"	COUPLER,-	TOWER.
HEIGHT INSIDE,-	8'-6"	TOTAL WHEEL BASE,-	29'-4"		
LENGTH OVER COUPLERS,-	36'-3"	ROOFING,-			
WIDTH EXTREME,-	8'-6"	BODY BOLSTER,-	7"X7"		
LENGTH OVER SILLS,-		SIDE DOOR,-	2'-6" X 6'-0"	JUNE-30-1916	K-5327.

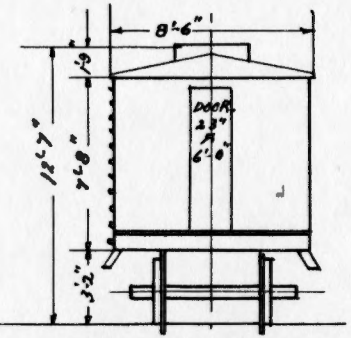
G.W.P.

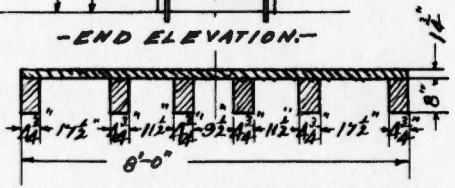
BUILT BY

YEAR BUILT,-

-BOARDING CAR.- NO.-0947.







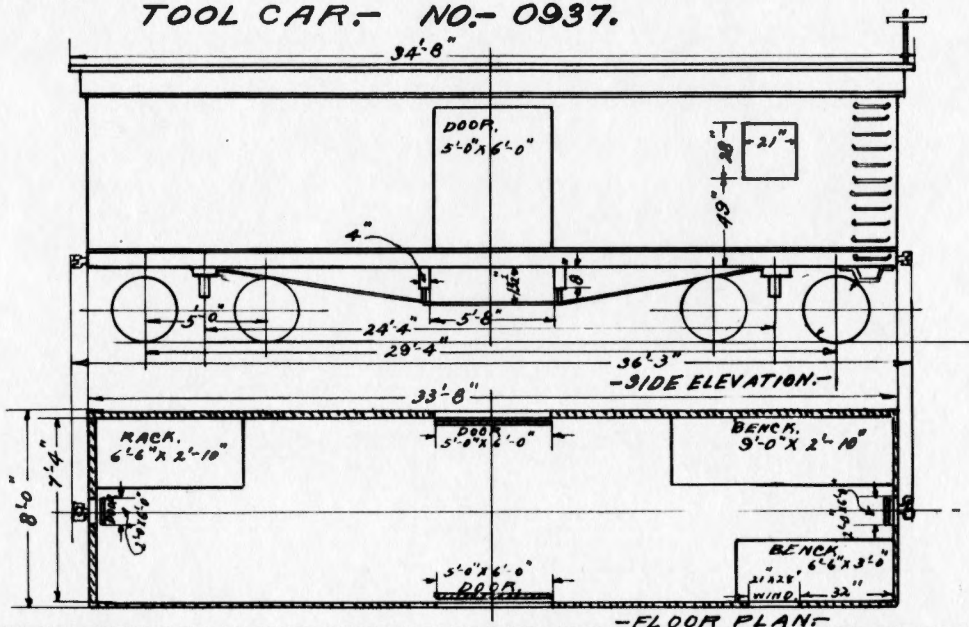
WEIGHT, LBS,-		WIDTH OVER SILLS,-	8'-0"	END DOOR,-	1'-11"X 6'-0"
CAPACITY, LBS,-		TRAMSON CENTERS,-	24'-4"	AIR BRAKES,-	W. A. B.
CUBIC CONTENTS,-		KIND OF TRUCKS,-	ARCH BAR.	CYLINDER,-	8"
LENGTH INSIDE,-	33'-0"	JOURNALS, SIZE,-		DRAFT RIGGING,-	MINER.
WIDTH, INSIDE,-	7'-4"	TRUCK WHEEL BASE,-	5'-0"	COUPLER,-	TOWER.
HEIGHT INSIDE,-	8'-6"	TOTAL WHEEL BASE,-	29'-4"		
LENGTH OVER COUPLERS,-	36'-3'	ROOFING,-			
WIDTH EXTREME,-	8'-6"	BODY BOLSTER,-	5" X 16" WOOD.		
LENGTH OVER SILLS,-	33'-8"	SIDE DOOR.	2'-2"X6'-0"	JULY-1-1916	K-5329.

G.W.P.

BUILT BY

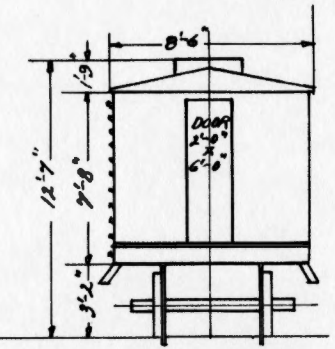
YEAR BUILT:-

TOOL CAR:- NO:- 0937.

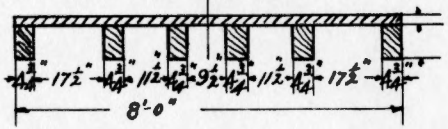


-SIDE ELEVATION.-

-FLOOR PLAN:-



-END ELEVATION:-

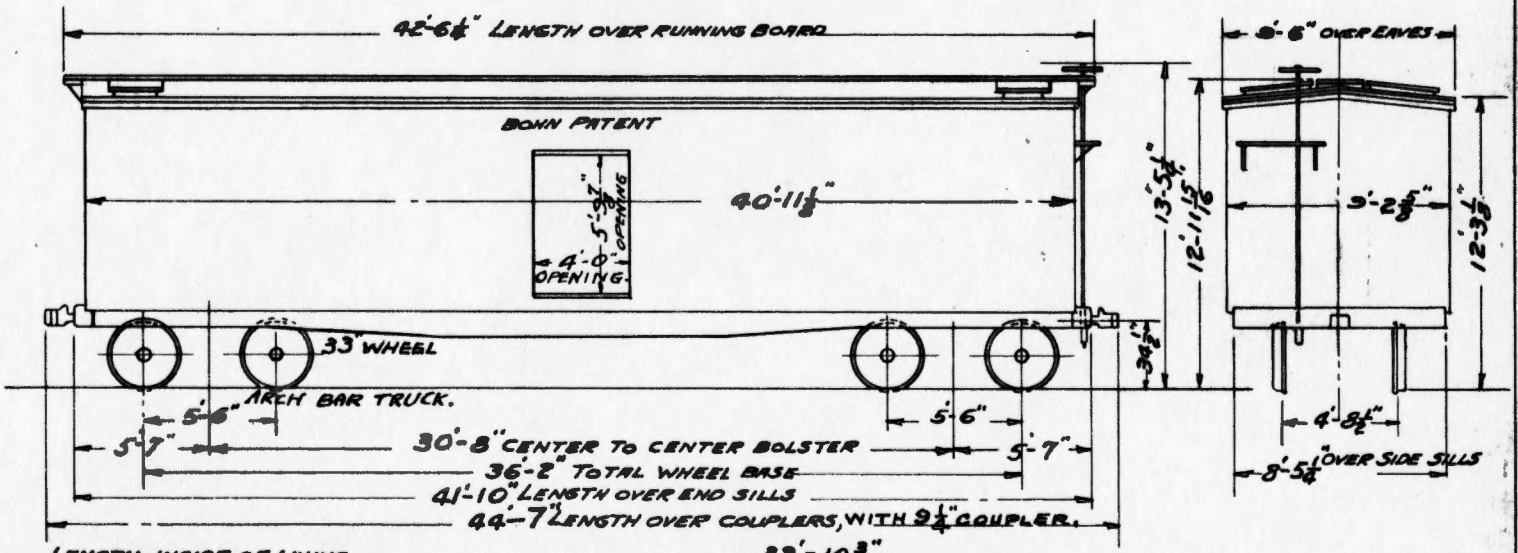


-CROSS SECTION THRO. CENTER.

WEIGHT, LBS,-	26,000	WIDTH OVER SILLS,-	8'-0"	END DOOR,-	2'-0"X6'-0"
CAPACITY, LBS,-		TRAM SON CENTERS,-	24'-4"	AIR BRAKES,-	W.A.B.
CUBIC CONTENTS,-		KIND OF TRUCKS,-	ARCH BAR.	CYLINDER,-	8"
LENGTH INSIDE,-	33'-0"	JOURNALS, SIZE,-		DRAFT RIGGING,-	MINER.
WIDTH INSIDE,-	7'-4"	TRUCK WHEEL BASE,-	5'-0"	COUPLER,-	TOWER.
HEIGHT INSIDE,-	8'-6	TOTAL WHEEL BASE,-	29'-4"		
LENGTH OVER COUPLERS,-	36'-3"	ROOFING,-			
WIDTH EXTREME,-	8'-6"	BODY BOLSTER,-	⅞" X 7"		
LENGTH OVER SILLS,-	33'-8"	SIDE DOOR,-	5'-0"X6'-0"	JULY-1-1916	K-5330.

G.W.P.

COMMON STANDARD REFRIGERATOR CAR
60000 LBS CAPACITY
CLASS R-30-3 SPECIFICATION CS 58 B



LENGTH INSIDE OF LINING	33'-10¾"
LENGTH BETWEEN ICE TANKS	33'-2¾"
WIDTH INSIDE OF LINING	8'-2¾"
HEIGHT TOP OF FLOOR TO CEILING	7'-5 7/16"
TOTAL CUBIC CAPACITY	2440 CU. FT.
AVAILABLE CUBIC CAPACITY BETWEEN ICE TANKS	2032 CU. FT.
CAPACITY BOTH ICE TANKS	11000 LBS.
LIGHT WEIGHT OF EACH TRUCK, ABOUT	6066 LBS.
LIGHT WEIGHT OF CAR COMPLETE, ABOUT	48,000 LBS.

P.F.E. REFRIGERATOR CARS

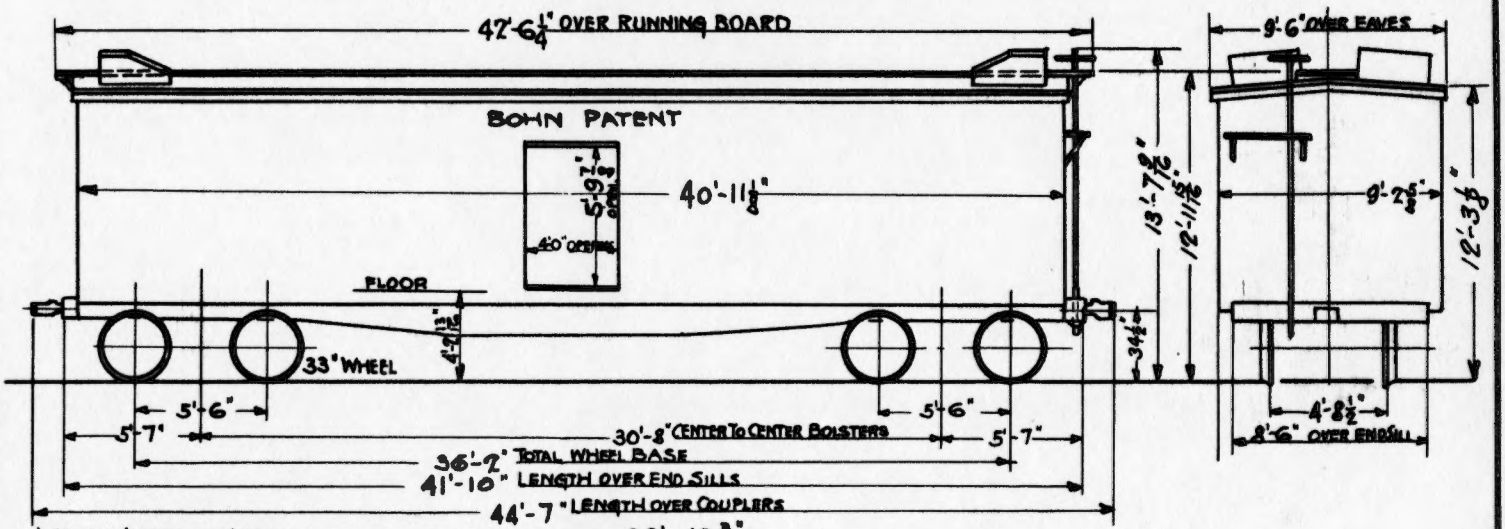
FOR GENERAL DESIGN SEE DWG. C-1356.

J.A.K.

COMMON STANDARD REFRIGERATOR CAR.

60000 LBS. CAPACITY.

CLASS R-30-7, SPECIFICATION NO.-58-B.



LENGTH INSIDE OF LINING	39'-10¾"
" BETWEEN ICE TANKS	33'-4½"
WIDTH INSIDE OF LINING	8'-2¾"
HEIGHT TOP OF FLOOR TO CEILING	7'-5 3/16"
TOTAL CUBIC CAPACITY	2440 CUBIC FEET
AVAILABLE CUBIC CAPACITY BETWEEN ICE TANKS	2041 " "
CAPACITY OF BOTH ICE TANKS	1000 LBS.
LIGHT WEIGHT OF EACH ARCH BAR TRUCK, ABOUT	6066 "
" " " CAR COMPLETE WITH ARCH BAR TRUCK, ABOUT	48600 "

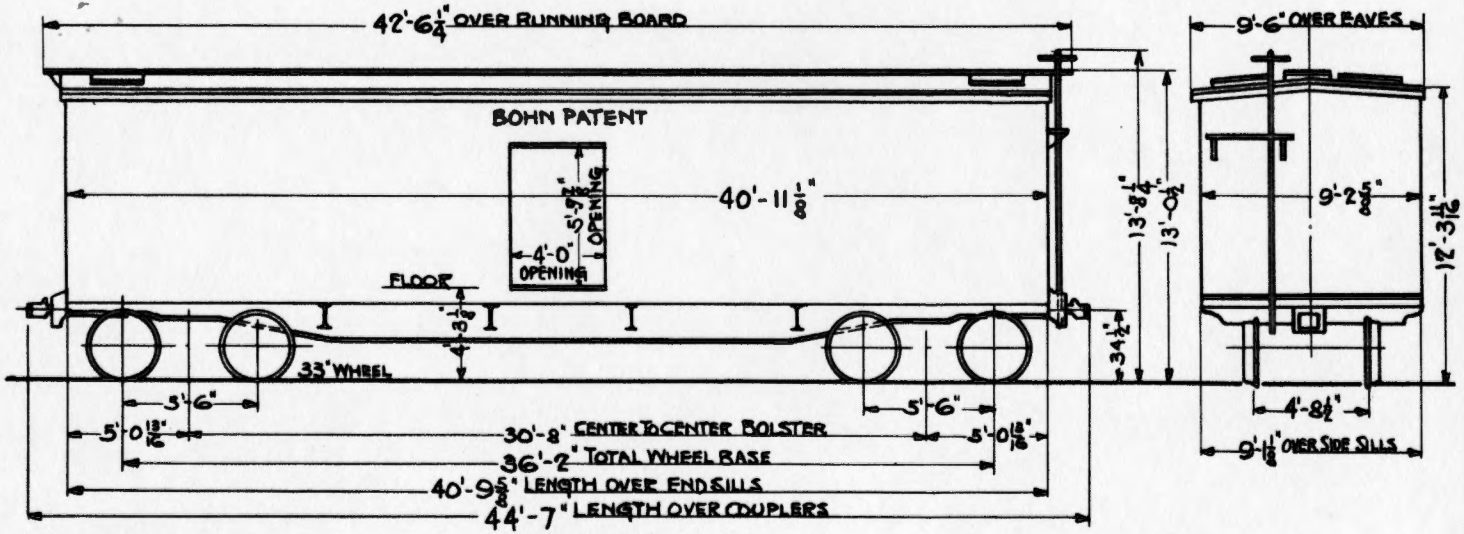
P.F.E. REFRIGERATOR CARS WITH BOHN VENTILATOR AND REMOVABLE BULKHEADS.

FOR GENERAL DESIGN SEE DWG. C-1917.

COMMON STANDARD REFRIGERATOR CAR.

60000 LBS. CAPACITY.

CLASS R-30-8 SPECIFICATION NO.-58-G.



LENGTH INSIDE OF LINING	39'-10¾"
" BETWEEN ICE TANKS	33'-2¾"
WIDTH INSIDE OF LINING	8'-2¾"
HEIGHT TOP OF FLOOR TO CEILING	7'-5⅝"
TOTAL CUBIC CAPACITY	2440 CU. FT.
AVAILABLE CUBIC CAPACITY BETWEEN ICE TANKS	2032 " "
CAPACITY OF BOTH ICE TANKS	11000 LBS.
LIGHT WEIGHT OF EACH VULCAN TRUCK, ABOUT	5730 LBS.
" " " CAR COMPLETE, ABOUT	46600 LBS.

P.F.E. REFRIGERATOR CARS
WITH STATIONARY ICE TANKS.

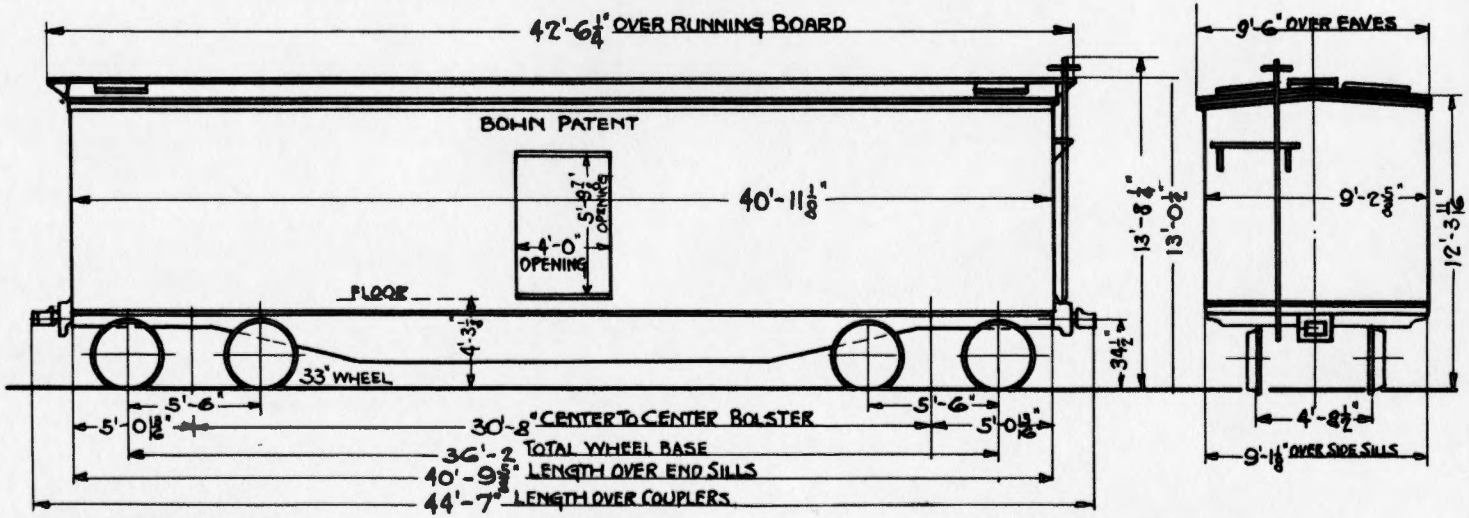
FOR GENERAL DESIGN SEE DWG. C-2359

FOR BETTENDORF UNDERFRAME
SEE DWG. C-2340

COMMON STANDARD REFRIGERATOR CAR.

60000 LBS. CAPACITY.

CLASS R-30-9, SPECIFICATION NO.-58-H.



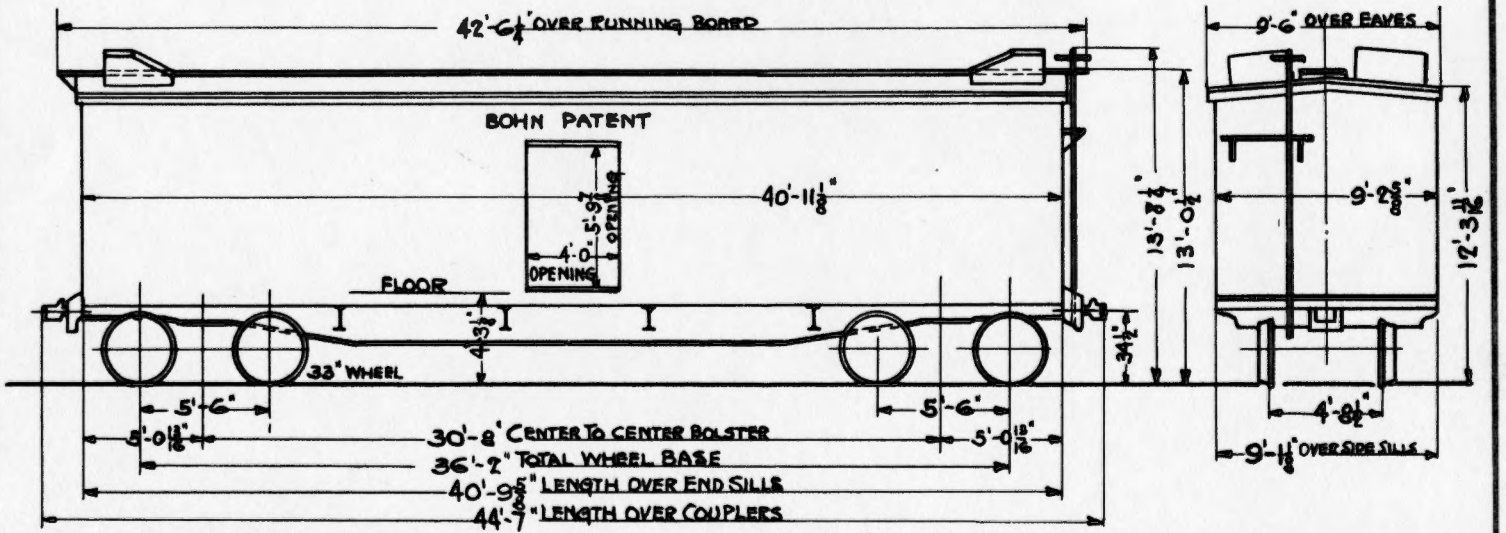
LENGTH INSIDE OF LINING	39'-10 3/4"
" BETWEEN ICE TANKS	33'-2 3/4"
WIDTH INSIDE OF LINING	8'-2 3/4"
HEIGHT TOP OF FLOOR TO CEILING	7'-5 3/8"
TOTAL CUBIC CAPACITY	2440 cu. ft.
AVAILABLE CUBIC CAPACITY BETWEEN ICE TANKS	2082 " "
CAPACITY OF BOTH ICE TANKS	11000 LBS.
LIGHT WEIGHT OF EACH VULCAN TRUCK, ABOUT	5730 "
" " " CAR COMPLETE, ABOUT	47660 "

P.F.E. REFRIGERATOR CARS
WITH STATIONARY ICE TANKS. FOR GENERAL
DESIGN SEE DWG. C-2359

FOR A.C&F UNDERFRAME
SEE DWG-C-2271

COMMON STANDARD REFRIGERATOR CAR.

60000 LBS. CAPACITY.
CLASS R-30-10, SPECIFICATION NO.-58-J.



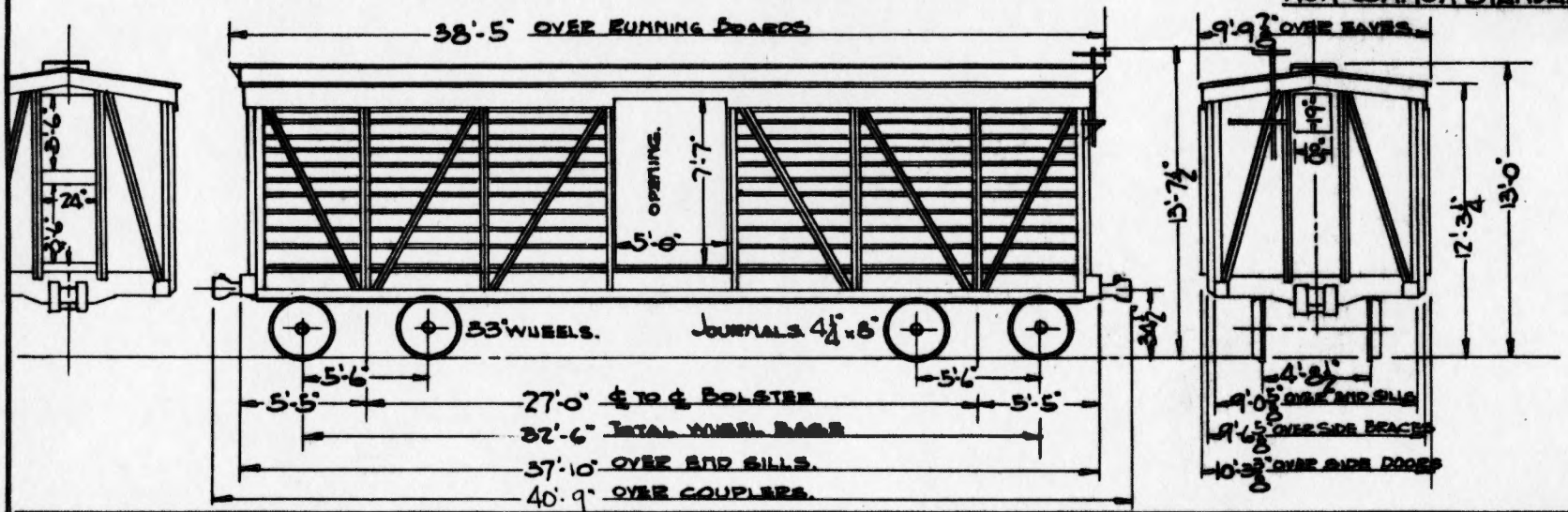
LENGTH INSIDE OF LINING	39'-10¾"
" BETWEEN ICE TANKS	33'-2¾"
WIDTH INSIDE OF LINING	8'-2¾"
HEIGHT TOP OF FLOOR TO CEILING	7'-5¾"
TOTAL CUBIC CAPACITY	2440 CU. FT.
AVAILABLE CUBIC CAPACITY BETWEEN ICE TANKS	2041 " "
CAPACITY OF BOTH ICE TANKS	11000 LBS.
LIGHT WEIGHT OF EACH VULCAN TRUCK, ABOUT	5730 "
" " " CAR COMPLETE, ABOUT	47000 "

P.F.E. REFRIGERATOR CARS
WITH BOHN VENTILATOR & REMOVABLE BULKHEADS.

FOR GENERAL DESIGN SEE DWG. C-2389
FOR BETTENDORF UNDERFRAME
SEE DWG. C-2340

SINGLE DECK STOCK CARS 35215 TO 35508.

60,000 LBS. CAPACITY
NON-COMMON STANDARD

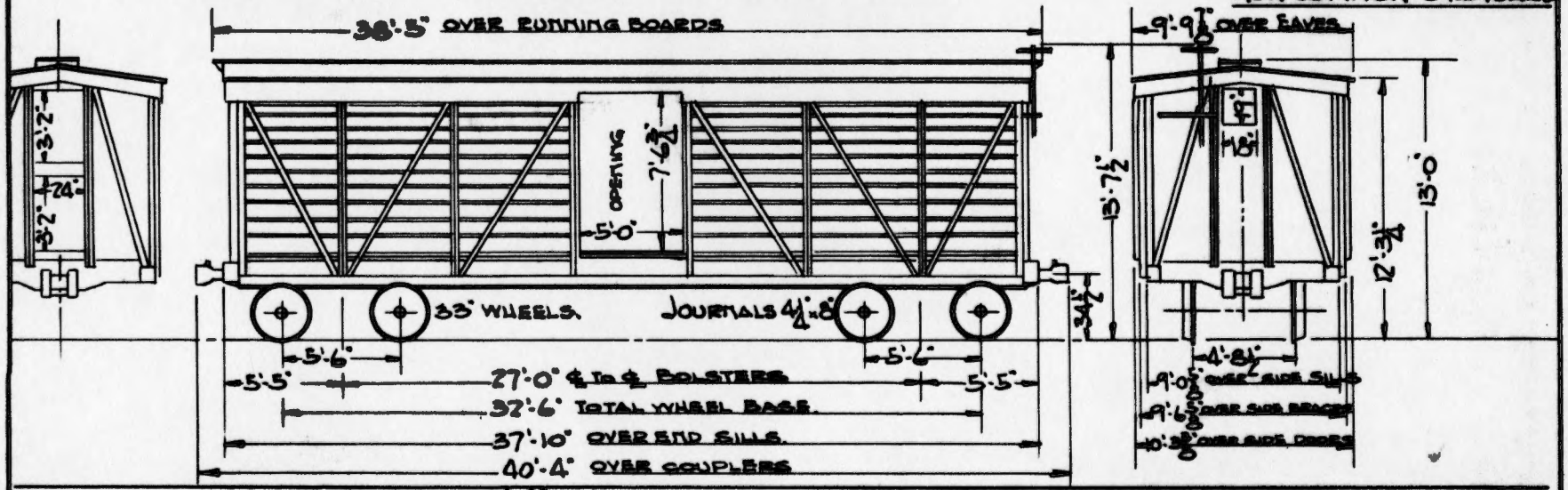


LENGTH - INSIDE LINING	36'-6"	SUPERSTRUCTURE	WOOD & STEEL.	BODY BOLSTERS	PRESSED STEEL.
WIDTH - BETWEEN BELT RAILS	8'-5⅛"	AIR BRAKE EQUIP.	NEW YORK	TRUCK BOLSTERS	CHANNELS.
WIDTH - BETWEEN BOTTOM SLATS	8'-10⅛"	TRIPLE VALVE	K-1	TRUCK SIDE FRAMES	PEDESTAL TYPE
HEIGHT - FLOOR TO BOTTOM OF CARLINE	8'-0".	BRAKE BEAMS	CRESCO	TRUCK SPRINGS	SPG. 103 - FOLIO 701.
CUBIC CAPACITY	2582 CU. FT.	COUPLERS	CLIMAX 5x7	DOOR FASTENERS	NATIONAL.
LIGHT WEIGHT - EACH TRUCK - ABOUT	7000 LBS.	DRAFT GEAR	MINER TANDEM	BUILDER	STANDARD STEEL CAR CO
LIGHT WEIGHT - CAR COMPLETE - ABOUT	35500 LBS.	ROOF	WOOD.	BUILT	1903
UNDERFRAME	PRESSED & ROLLED STEEL.	SIDE BEARINGS	STEEL		

1-2-26.

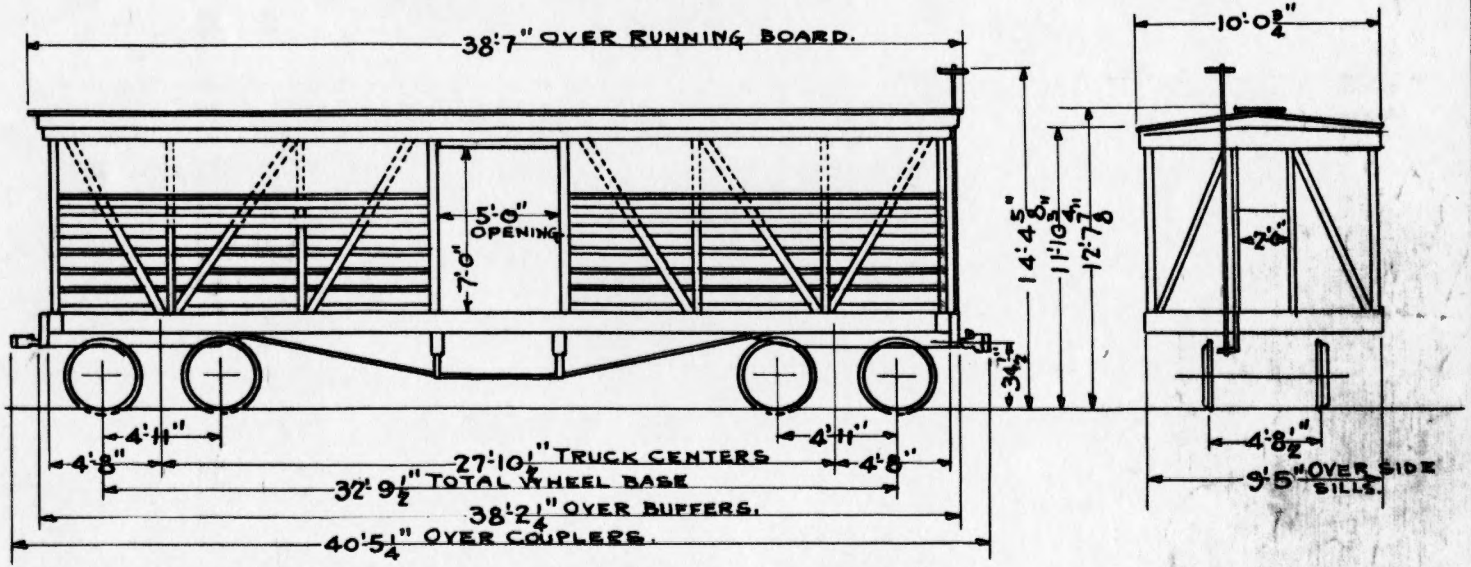
SINGLE DECK STOCK CARS 35509 to 35802.

60,000 LBS. CAPACITY
NON-COMMON STANDARD



LENGTH INSIDE LINING	36'-6"	SUPERSTRUCTURE	WOOD & STEEL.	BODY BOLSTERS	PRESSED STEEL
WIDTH. BETWEEN BELT RAILS	8'-5 3/8"	AIR BRAKE EQUIP.	NEW YORK.	TRUCK BOLSTERS	15" CHANNEL.
WIDTH. BETWEEN BOTTOM SLATS	8'-10 3/8"	TRIPLE VALVE.	K-1	TRUCK SIDE FRAMES	PEDESTAL TYPE
HEIGHT. FLOOR TO BOTTOM OF CARLINE	8'-0"	BRAKE BEAMS	CRECO	TRUCK SPRINGS	SPG. 103. FOLIO 701
CUBIC CAPACITY	2587 CU. FT.	COUPLERS	CLIMAX. 5x7	DOOR FASTENERS	NATIONAL.
LIGHT WEIGHT. EACH TRUCK. ABOUT	7000 LBS	DRAFT GEAR	MINER TANDEM	BUILDER	STANDARD STL. CAR CO.
LIGHT WEIGHT. CAR COMPLETE. ABOUT	35500 "	ROOF	WOOD	BUILT.	1903.
UNDERFRAME	PRESSED & ROLLED STEEL.	SIDE BEARINGS	CAST STEEL.		

UNION PACIFIC STOCK CAR
60000 LBS. CAPACITY.
SERIES 60000-61500

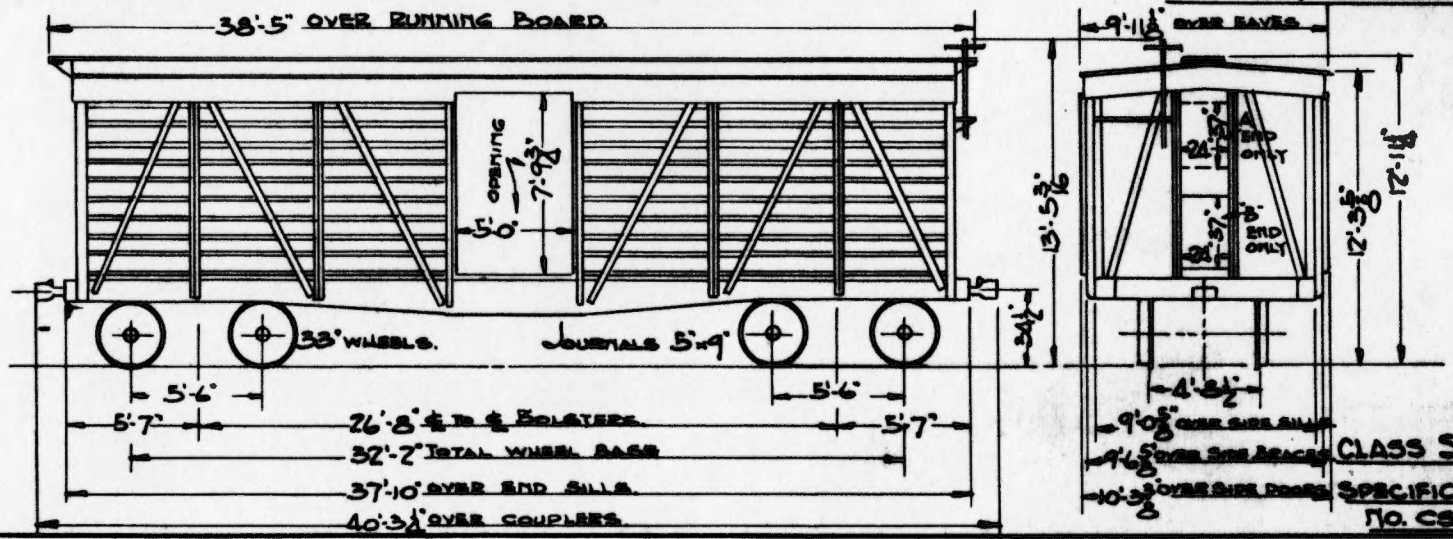


LENGTH INSIDE OF LINING	36'-6"
WIDTH BETWEEN BELT RAILS	8'-4"
HEIGHT TOP OF FLOOR TO BOTTOM OF CARLINE	7'-4 1/4"
CUBIC CAPACITY	2236 CU. FT.
WIDTH BETWEEN BOTTOM SLATS	8'-9"
LIGHT WEIGHT OF EACH TRUCK ABOUT	
" " " CAR COMPLETE ABOUT	33562
" " " " WITH DOUBLE DECK ABOUT	

FOR GEN. DESIGN SEE SHEET 42 DRAWER 22

DOUBLE DECK STOCK CARS 35953 TO 36252.

80000 LBS. CAPACITY.
COMMON STANDARD.



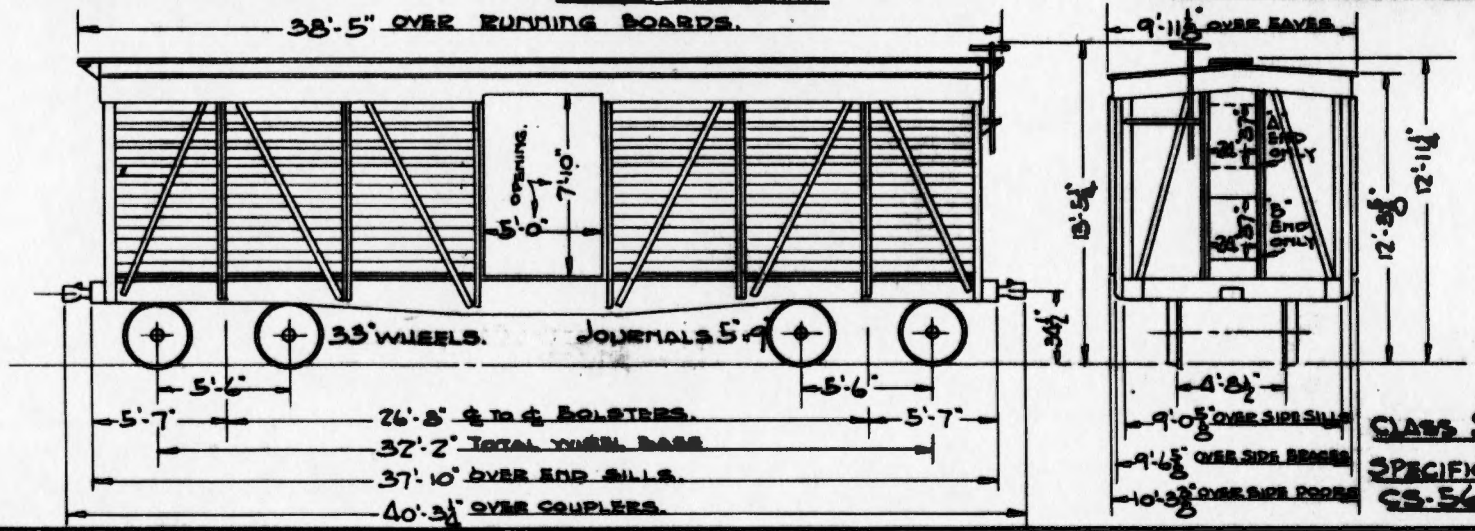
CLASS S-40-1
SPECIFICATION
NO. CS-56.

LENGTH - INSIDE LINING	36'-6"	SUPERSTRUCTURE	WOOD & STEEL.	BODY BOLSTERS	PRESSED STEEL
WIDTH - BETWEEN BELT RAILS	8'-5 1/8"	AIR BRAKE EQUIP.	NEW YORK	TRUCK BOLSTERS	SIMPLEX
WIDTH - BETWEEN BOTTOM SLATS	8'-10 1/8"	TRIPLE VALVE	K-1	TRUCK SIDE FRAMES	ARCH BAR
HEIGHT - FLOOR TO BOTTOM OF CARLINE	8'-0"	BRAKE BEAMS	DAMASCUS.	TRUCK SPRINGS	ARA COLUSTER "C"
CUBIC CAPACITY	2582 CU.FT.	COUPLERS	CLIMAX	DOOR FASTENERS	NATIONAL.
LIGHT WEIGHT - EACH TRUCK, ABOUT	7124 LBS.	DRAFT GEAR	MINER TANDEM	BUILDER	AMERICAN CAR + FDRY CO.
LIGHT WEIGHT - CAR COMPLETE - ABOUT	40944 LBS.	ROOF	WOOD	BUILT	1905.
UNDERFRAME	PRESSED STEEL.	SIDE BEARINGS	MINER GRAVITY ROLLER		

SINGLE DECK STOCK CARS 35803-35952 / 36253-36601

1.50
3.50

80,000 LBS. CAPACITY. COMMON STANDARD CARS.



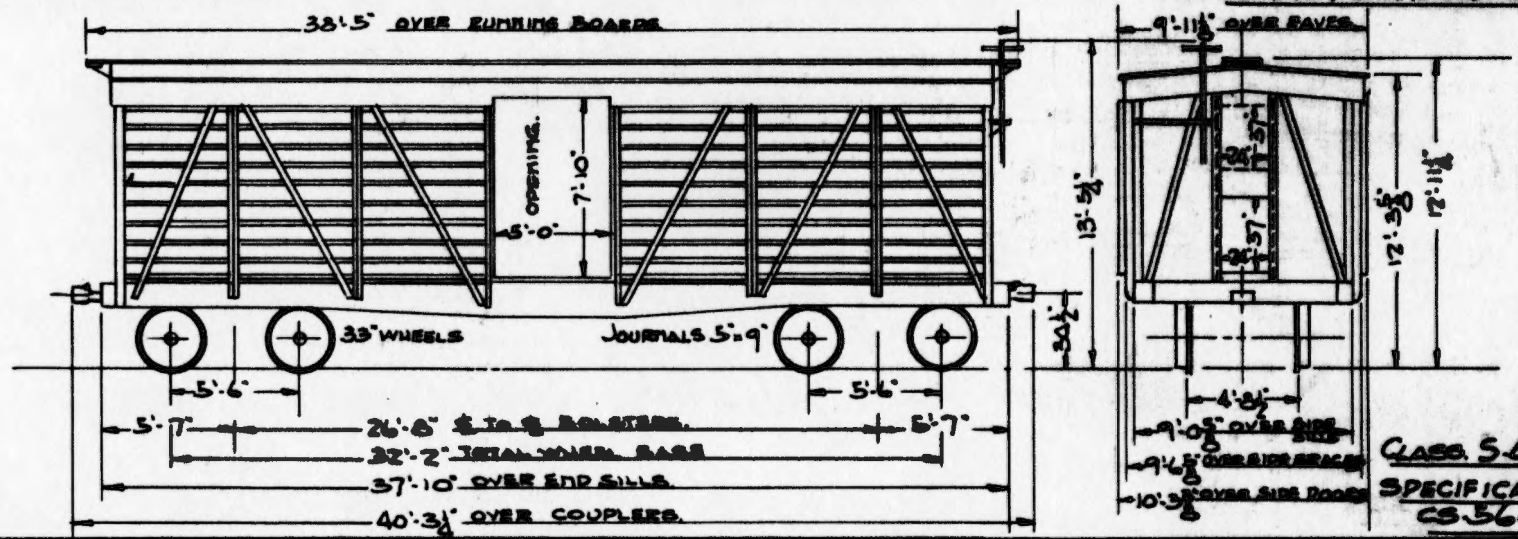
CLASS S-40-2
SPECIFICATION CS-56-A.

LENGTH - INSIDE LINING	36'-6⅛"	SUPERSTRUCTURE	WOOD & STEEL.	BODY BOLSTERS	COMMONWEALTH
WIDTH. BETWEEN BELT RAILS	8'-5⅜"	AIR BRAKE EQUIP.	NEW YORK.	TRUCK BOLSTERS	SIMPLEX
WIDTH. BETWEEN BOTTOM SLATS	8'-10⅜"	TRIPLE VALVE	K-1.	TRUCK SIDE FRAMES	ARCH BAR
HEIGHT - FLOOR TO BOTTOM OF CARLINE	8'-0¼"	BRAKE BEAMS	DAMASCUS	TRUCK SPRINGS	ARA CLUSTER "C"
CUBIC CAPACITY	2596 CU.FT.	COUPLERS	CLIMAX	DOOR FASTENERS	NATIONAL
LIGHT WEIGHT - EACH TRUCK - ABOUT	7124 LBS.	DRAFT GEAR	MINER TANDEM	BUILDER	PRESSED STEEL CAR CO.
LIGHT WEIGHT - CAR COMPLETE - ABOUT	35526 LBS.	ROOF	WOOD	BUILT.	1907.
UNDERFRAME	PRESSED STEEL.	SIDE BEARINGS.	MINER GRAVITY ROLLER		

1-2-26

DOUBLE DECK STOCK CARS 36602 TO 36751.

80,000 LBS. CAPACITY.
COMMON STANDARD CARS.

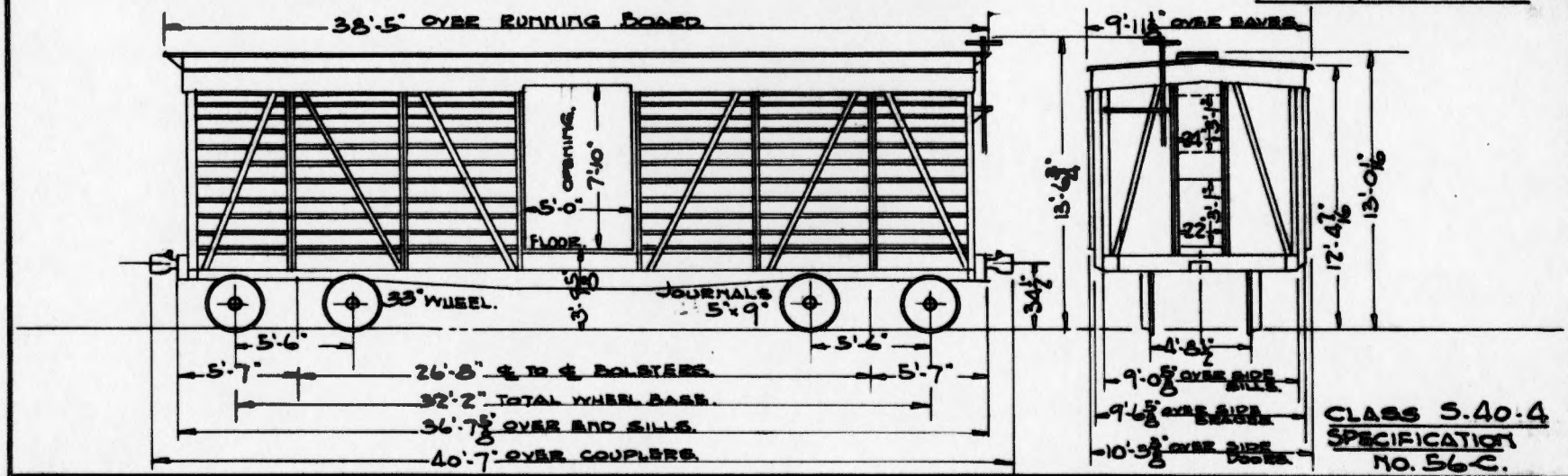


CLASS S-40-3
SPECIFICATION CS 56-B

LENGTH - INSIDE LINING	36'-6⅛"	SUPERSTRUCTURE	WOOD + STEEL.	BODY BOLSTERS	COMMONWEALTH
WIDTH - BETWEEN BELT RAILS	8'-5⅜"	AIR BRAKE EQUIP	WESTINGHOUSE	TRUCK BOLSTERS	SIMPLEX
WIDTH - BETWEEN BOTTOM SLATS	8'-10⅜"	TRIPLE VALVE	K-2	TRUCK SIDE FRAMES	ANDREWS
HEIGHT - FLOOR TO BOTTOM OF CARLINE	8'-0½"	BRAKE BEAMS	CESCO No. 2.	TRUCK SPRINGS	ARA CLUSTER "C"
CUBIC CAPACITY	2596 CU. FT.	COUPLERS	CLIMAX	DOOR FASTENERS	NATIONAL.
LIGHT WEIGHT - EACH TRUCK - ABOUT	6912 LBS	DRAFT GEAR	MINER TANDEM.	BUILDER	AMERICAN CAR + FDRY. CO.
LIGHT WEIGHT - CAR COMPLETE - ABOUT	37410 LBS	ROOF	WOOD.	BUILT	1911.
UNDERFRAME	PRESSED STEEL.	SIDE BEARINGS.	MINER GRAVITY ROLLER.		

SINGLE DECK STOCK CARS 36752 TO 37249.

80,000 LBS. CAPACITY.
COMMON STANDARD.

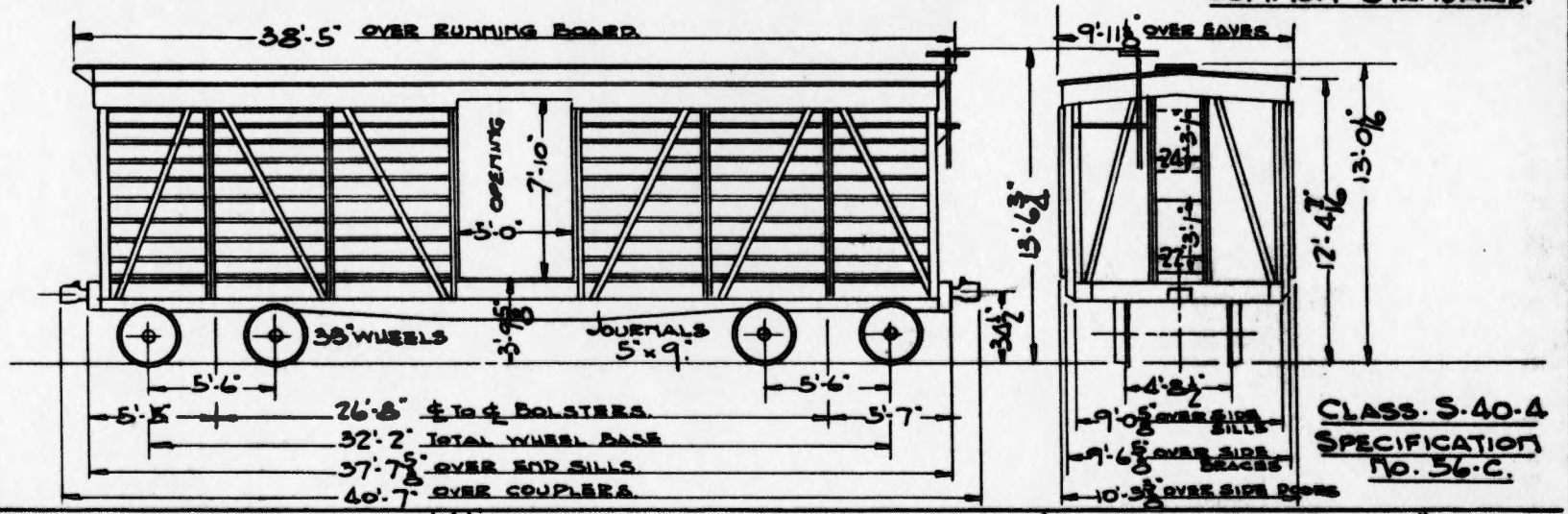


CLASS S.40.4
SPECIFICATION
NO. 56-C.

LENGTH - INSIDE LINING. _____ 36'-6 1/8"	SUPERSTRUCTURE ____ WOOD + STEEL.	BODY BOLSTERS _ STEEL. 8" H SECTION.
WIDTH - BETWEEN BELT RAILS. _____ 8'-5 3/8"	AIR BRAKE EQUIP. ____ WESTINGHOUSE	TRUCK BOLSTERS _____ SIMPLEX
WIDTH - BETWEEN BOTTOM SLATS. ___ 8'-10 3/8"	TRIPLE VALVE. _____ K-2.	TRUCK SIDE FRAMES ____ ANDREWS
HEIGHT - FLOOR TO BOTTOM OF CARLINE ___ 8'-0 1/4"	BRAKE BEAMS _____ CRECO NO. 2.	TRUCK SPRINGS. ____ ARA CLUSTER "C"
CUBIC CAPACITY _____ 2596 CU. FT.	COUPLERS _____ CLIMAX 5x7.	DOOR FASTENERS ____ NATIONAL
LIGHT WEIGHT - EACH TRUCK - ABOUT _ 7048 LBS.	DRAFT GEAR _____ MINER TANDEM	BUILDER ____ STANDARD STL. CAR CO.
LIGHT WEIGHT - CAR COMPLETE - ABOUT _ 35800 LBS	ROOF _____ WOOD.	BUILT. _____ 1913.
UNDERFRAME. _____ BETTENDORF.	SIDE BEARINGS. _ MINER GRAV. ROLLER.	

SINGLE DECK STOCK CARS 37250 TO 37399.

80,000 LBS. CAPACITY.
COMMON STANDARD.

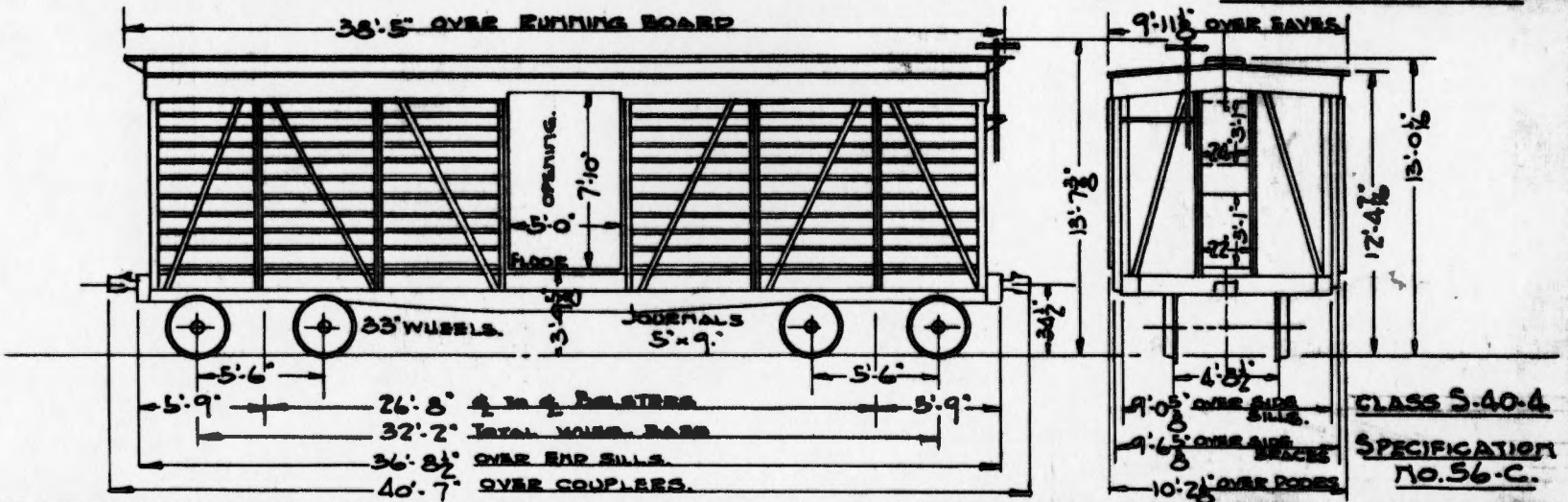


CLASS. S.40.4
SPECIFICATION No. 56.C.

LENGTH - INSIDE LINING	36'-6 3/8"	SUPERSTRUCTURE	WOOD + STEEL.	BODY BOLSTERS	STEEL 8" H SECTION
WIDTH - BETWEEN BELT RAILS	8'-5 3/8"	AIR BRAKE EQUIP	NEW YORK	TRUCK BOLSTERS	SIMPLEX
WIDTH - BETWEEN BOTTOM SLATS	8'-10 3/8"	TRIPLE VALVE	K-2	TRUCK SIDE FRAMES	ANDREWS
HEIGHT - FLOOR TO BOTTOM OF CARLINE	8'-0 1/4"	BRAKE BEAMS	CRECO #2.	TRUCK SPRINGS	ARA CLUSTER C
CUBIC CAPACITY	2596 CU.FT.	COUPLERS	5x7. CLIMAX	DOOR FASTENERS	NATIONAL
LIGHT WEIGHT - EACH TRUCK - ABOUT	7043 LBS.	DRAFT GEAR	MINER TANDEM	BUILDER	PULLMAN CO.
LIGHT WEIGHT - CAR COMPLETE - ABOUT	35555 LBS	ROOF	WOOD	BUILT	1913 + 1914
UNDERFRAME	BETTENDORF	SIDE BEARINGS	MINER GRAVITY ROLLER		

SINGLE DECK STOCK CARS 37400 TO 38149

80,000 LBS. CAPACITY
COMMON STANDARD.



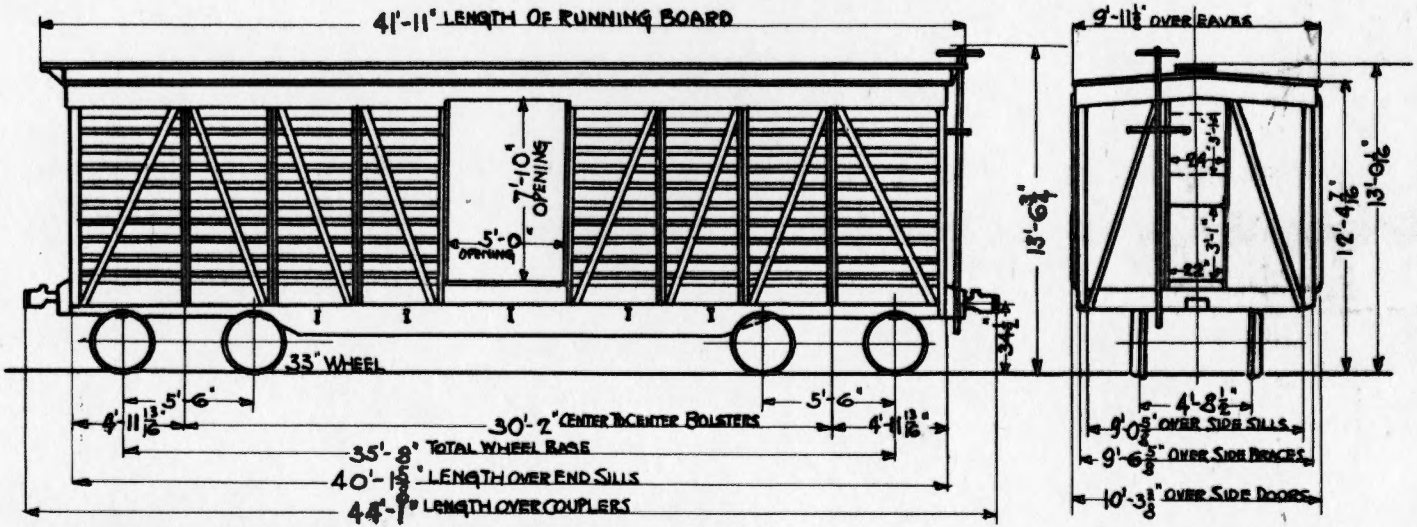
CLASS S-40-4

SPECIFICATION NO. 56-C.

LENGTH - INSIDE LINING	36'-6"	SUPERSTRUCTURE	WOOD & STEEL.	BODY BOLSTERS	STEEL 8" H. SECTION
WIDTH - BETWEEN BELT RAILS	8'-5⅜"	AIR BRAKE EQUIP.	NEW YORK	TRUCK BOLSTERS	BUCKEYE
WIDTH - BETWEEN BOTTOM SLATS	8'-10⅜"	TRIPLE VALVE	K-2.	TRUCK SIDE FRAMES	VULCAN
HEIGHT - FLOOR TO BOTTOM OF CARLINE	8'-0¼"	BRAKE BEAMS	CRECO #2	TRUCK SPRINGS	ARA CLUSTER "C"
CUBIC CAPACITY	2596 CU. FT.	COUPLERS	5x7 CLIMAX	DOOR FASTENERS	CAMEL.
LIGHT WEIGHT - EACH TRUCK - ABOUT	6800 LBS.	DRAFT GEAR	MINER TANDEM	BUILDER	HASKELL & BARKER
LIGHT WEIGHT - CAR COMPLETE - ABOUT	35450 LBS	ROOF	WOOD.	BUILT	1915.
UNDERFRAME	BETTENDORF	SIDE BEARINGS	MINER GRAVITY ROLLER		

COMMON STANDARD STOCK CAR.

80000 LBS. CAPACITY.
CLASS S-40-5, SPECIFICATION NO. 56-D.

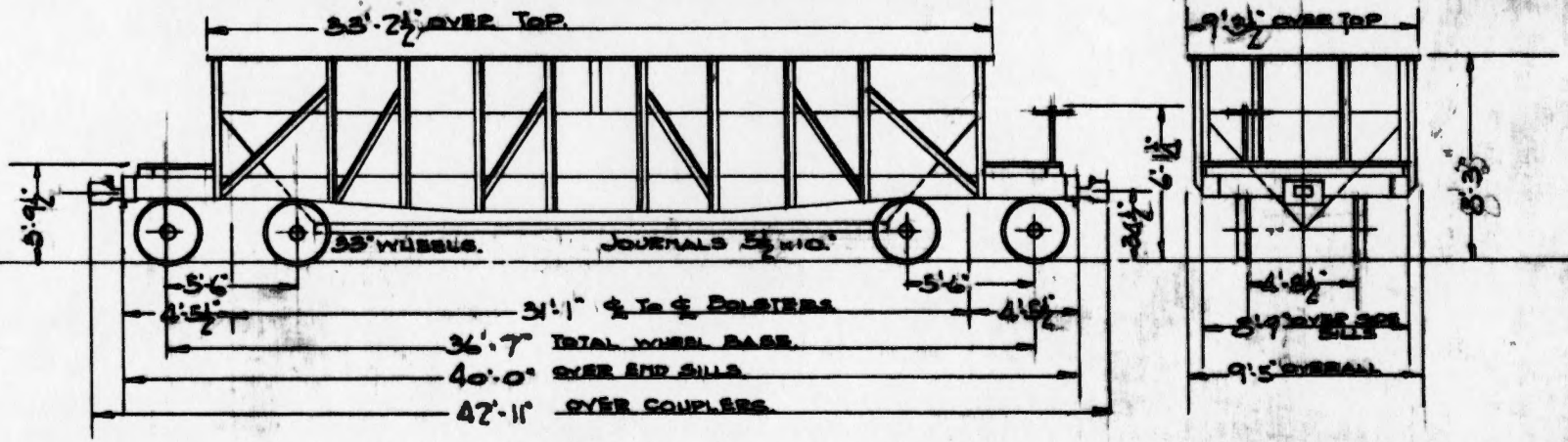


LENGTH INSIDE OF END LINING — 40'-0 1/8"
WIDTH BETWEEN BELT RAILS — 8'-5 3/8"
HEIGTH TOP OF FLOOR TO BOTTOM OF CARLINE — 8'-0 1/4"
CUBIC CAPACITY — 2844 CU. FT.
WIDTH BETWEEN BOTTOM SLATS — 8'-10 3/8"
LIGHT WEIGHT OF EACH ANDREWS TRUCK ABOUT — 7043 LBS.
" " " CAR COMPLETE WITH ANDREWS TRUCK — 37800 "
" " " EACH BETTENDORF TRUCK ABOUT — 6366 "
" " " CAR COMPLETE WITH BETTENDORF TRUCK — 36446 "

FOR GENERAL DESIGN SEE DWG. C-2088

SHOEM STEEL BALLAST CARS 88,000 TO 88,124.
CONVERTED TO CINDER CARS 01677 TO 01799.

100,000 LBS. CAPACITY
MON. COMMON STANDARD.



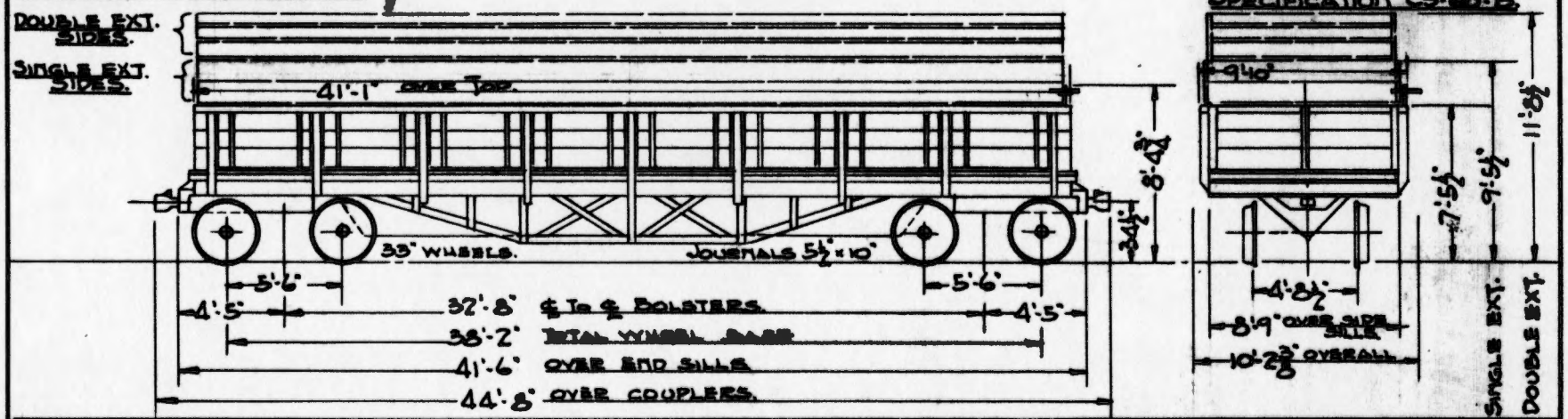
LENGTH - INSIDE _____ 32'-7"	AIR BRAKE EQUIP. _____ NEW YORK	TRUCK SIDE FRAMES - FOX PEDESTAL
HEIGHT - INSIDE - AVERAGE _____ 4'-8¾"	TRIPLE VALVE _____ K-1	TRUCK SPRINGS. ____ ABA. CLUSTER D.
WIDTH - INSIDE _____ 8'-8"	BRAKE BEAMS _____ CRESCO No 2.	BUILDER _____ PRESSED STEEL CAR CO.
CUBIC CONTENTS. _____ 1337 CU. FT.	COUPLERS _____ CLIMAX 5x7.	BUILT _____ 1901.
LIGHT WEIGHT - EACH TRUCK - ABOUT ____ 7500 LBS	DRAFT GEAR _____ MINER TANDEM	
LIGHT WEIGHT - CAR COMPLETE - ABOUT 37800 LBS.	SIDE BEARINGS. ____ PRESSED STEEL.	
UNDERFRAME _____ PRESSED STEEL	TRUCK BOLSTERS ____ PRESSED STEEL	
SUPERSTRUCTURE _____ STEEL.	BODY BOLSTERS. ____ PRESSED STEEL.	

1-2-26

HART CONVERTIBLE BALLAST & GONDOLA CARS 89000 to 89099.

100,000 LBS. CAPACITY.
COMMON STD. WORK CARS.
CLASS W-50-3
SPECIFICATION CS-60-B.

DOTTED LINES INDICATE EXTENSION SIDES FOR BEET SERVICE.



LENGTH INSIDE CAR AS HOPPER	30'-0"
LENGTH INSIDE CAR AS GONDOLA	40'-0"
LENGTH INSIDE EXTENSION FOR BEET SVC.	38'-0"
WIDTH INSIDE CAR AS HOPPER OR GONDOLA	8'-8"
WIDTH INSIDE OF SINGLE EXTENSION SIDES	8'-8"
WIDTH INSIDE OF DOUBLE EXTENSION SIDES	8'-2"
HEIGHT INSIDE AS HOPPER (AVERAGE)	3'-6⅞"
HEIGHT INSIDE AS GONDOLA	3'-0"
HEIGHT - INSIDE - GONDOLA - OF SINGLE EXT. SIDES	5'-0"
HEIGHT - INSIDE - GONDOLA - OF DOUBLE EXT. SIDES	7'-3"
CUBIC CONTENTS AS HOPPER	928 CU. FT.
CUBIC CONTENTS AS GONDOLA	1040 CU. FT.
CUBIC CONTENTS AS GONDOLA + SINGLE EXT. SIDES	1700 CU. FT.
CUBIC CONTENTS AS GONDOLA + DOUBLE EXT. SIDES	2400 CU. FT.
LIGHT WEIGHT - BACK TRUCK - ABOUT	79 20 LBS.

CONTINUED ON PAGE 34

HART CONVERTIBLE BALLAST & GONDOLA CARS 89000 TO 89099.

(CONTINUED FROM PAGE 33)

LIGHT WEIGHT CAR - WITHOUT EXTENSION SIDES. 41530 LBS
LIGHT WEIGHT CAR WITH SINGLE EXT. SIDES
LIGHT WEIGHT CAR WITH DOUBLE EXT. SIDES
UNDERFRAME ROLLED STEEL.
SUPERSTRUCTURE WOOD.
AIR BRAKE EQUIPMENT WESTINGHOUSE.
KIND OF TRIPLE VALVE K-2.
BRAKE BEAMS. DAMASCUS.
COUPLERS (CARS 89000-89049) SHARON
COUPLERS (CARS 89050-89099) CLIMAX.
COUPLER RELEASE RIGGING. CARMER.

DRAFT GEAR (CARS 89000-89049) MINER TANDEM SPRING.
" (CARS 89050-52. 89055, 89061-63, 89077-80 & 89082 CARDWELL.
" (CARS 89053, 89054, 89056-60, 89068, 89081, 89083, 89084, 89088, & 89089. FARLOW.
" (CARS. 89064, 89065, 89073-76, 89092, & 89094-99. GOULD.
" (CARS 89066, 89067, 89069-72, 89085-87, 89090, 89091, & 89093. FORSYTH.

SIDE BEARINGS MINER GRAVITY ROLLER
BODY BOLSTERS. PRESSED STEEL.

TRUCK BOLSTERS (CARS 89000-49) SIMPLEX.
" (CARS 89050-52, 89055, 89061-63, 89077-80 & 89082. SCULLIN-GALLAGHER.
" (CARS 89053, 89054, 89056-60, 89068, 89081, 89083, 89084, 89088 & 89089. BUCKEYE.
" (CARS 89064, 89065, 89073-76, 89092, 89094-99. GOULD COUPLER CO'S "CROWN TYPE".
" (CARS 89066, 89067, 89069-72. 89085-87, 89090, 89091, & 89093. AMERICAN STEEL FOUNDRIES "T-TYPE".

TRUCK SIDE FRAMES ANDREWS.
TRUCK SPRINGS. ARA-CLUSTER "D"
TRUCK JOURNAL BOXES. FRANKLIN
ORDERED FROM RODGER BALLAST CAR CO.
BUILT AT WORS OF AMERICAN CAR & FDRY CO. ST. LOUIS, MO.
BUILT. 1911.