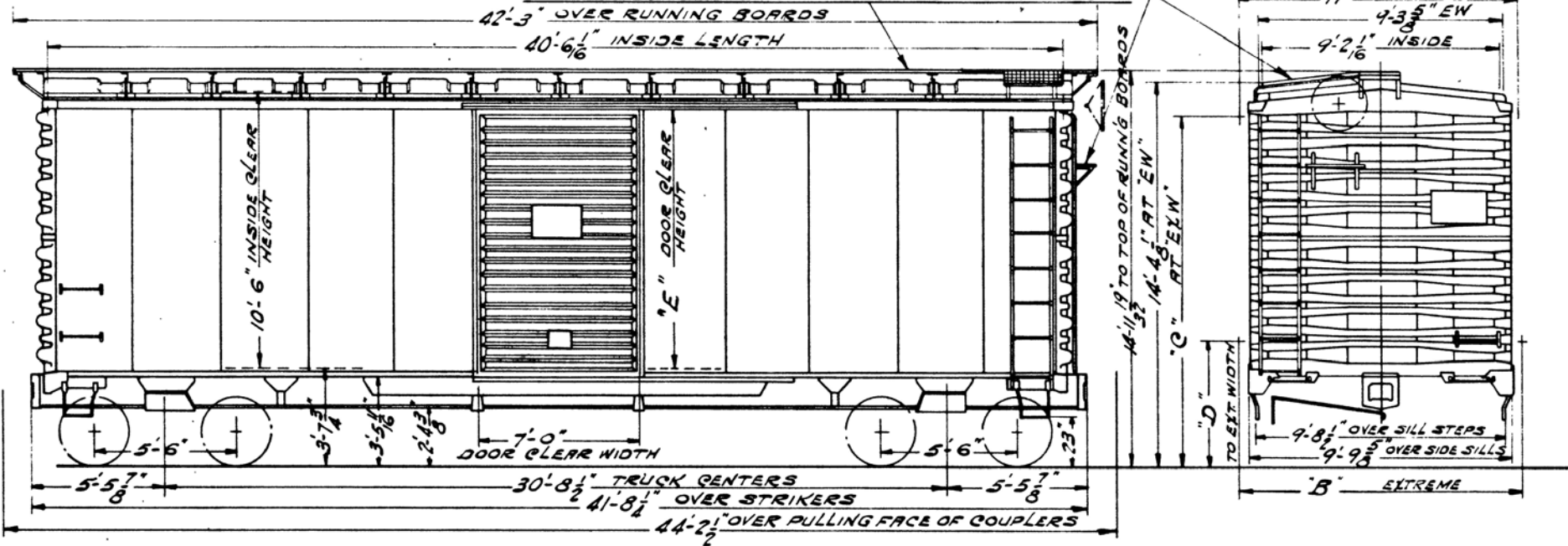


APEX TRI-LOK METAL RUNNING BOARDS AND BRAKE STEP



DRAFT GEARS	CARS
CARD-WEST NY-11-F	5000-5174
MINER A-22-XB	5175-5349
WAUGH 403	5350-5499

5250-5499	YOUNGSTOWN	CAMEL	10'-4 1/2"	10'-7 3/8"	13'-6 3/8"	4'-10 3/8"	9'-10 3/16"	5300-5499	WAB Co.	5400-5499	BARBER S-2 STABILIZED	5-OUTER, 4-INNER 2 1/2 TRAVEL & 2-BARBER STABILIZER SPRINGS PER NEST.	7380
5000-5249	SUPERIOR	SUPERIOR	10'-3 7/8"	10'-7 3/4"	13'-7 13/16"	5'-5 9/16"	9'-10 1/16"	5000-5299	NYAB Co.	5000-5299	ASF A-3 RIDE CONTROL	5-OUTER, 3-INNER 3 9/16 TRAVEL AND 2-RIDE CONTROL SPRINGS PER NEST	7180
CARS	DOORS	DOOR FIXTURES	"A"	"B"	"C"	"D"	"E"	CARS	AIR BRAKE MFG.	CARS	TYPE OF TRUCK	SPRINGS	TRUCK WGT

GENERAL DATA
 BUILT BY - PULLMAN S.C.MFG.CO. NICH. CITY IND.
 YEAR BUILT - AUG. TO SEPT. 1946
 CAPACITY LEVEL FULL - CU. FT. - 3900
 CAPACITY WITH 10 IN. HEAP CU. FT. _____
 AVERAGE LOAD LIMIT - LBS. - 123900
 AVERAGE LIGHT WEIGHT - LBS. - 45100
 BUILDERS REFERENCE - LOT 5340
 R. R. SPEC NO. - 11C5

CAR BODY DATA
 AIR BRAKE MFG. - SEE TABLE
 AIR BRAKE SCHEDULE - 'A5'
 BODY BOLSTER - BUILT UP STEEL
 BODY CENTER PLATE - DROP FORGED
 BODY SIDE BEARING - HARDENED STEEL
 CARLINES - 1/8" PRESSED CB STEEL SBAM CAPS

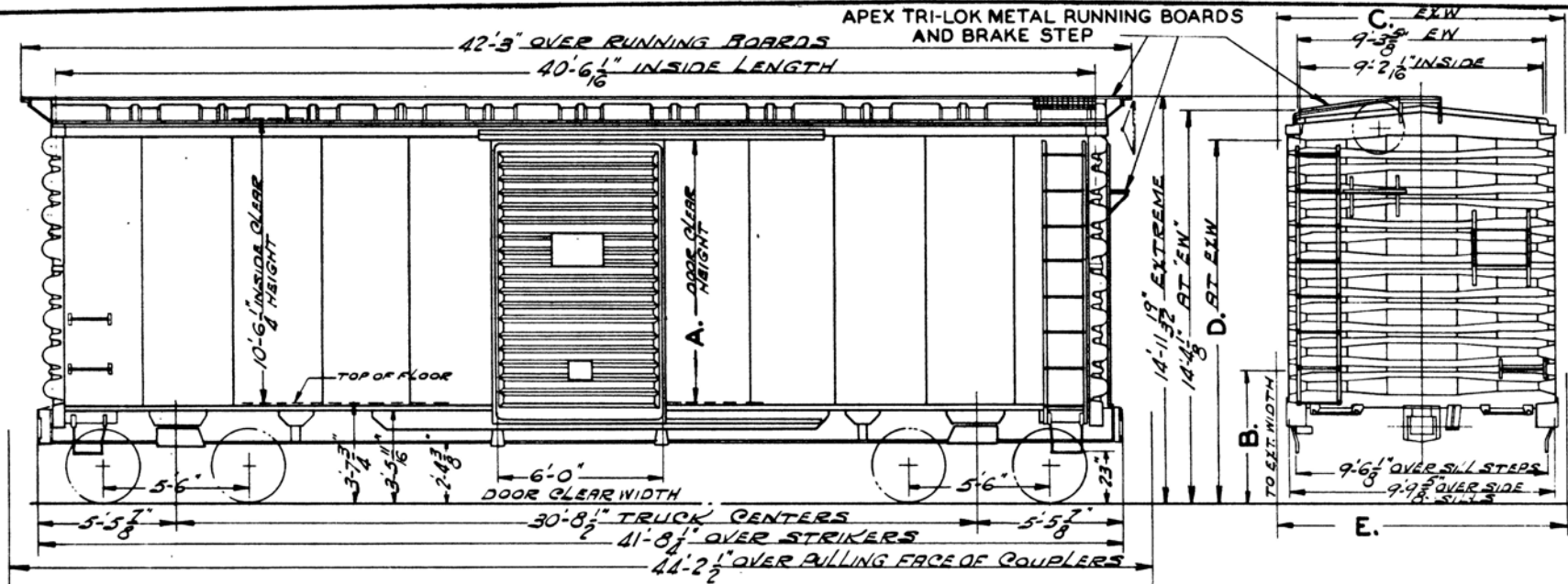
CENTER SILL - 2-ARR 2-26 SEC. 36.2 LBS. PER FT.
 CENTER SILL AREA - 21.3 SQ. IN.
 CENTER SILL COVER PLATE
 COUPLER - ARR TYPE 'E' 6 1/4" X 8" BOT. OPERTG.
 COUPLER RELEASE RIGGING - STD. R. R. LOPT. CO. BOT. OPERTG.
 DOOR - SEE TABLE
 DOOR FIXTURES - SEE TABLE
 DOOR CLEAR OPENING - 7'-0" WIDE X SEE TABLE
 DRAFT GEAR - SEE TABLE
 DRAFT GEAR ATTACHMENT - C. S. YOKE
 ENDS - DREADNAUGHT C.B.S. 1/4" BOT. 3/16" TOP
 END LOAD RATIO - .0509
 FLOORING - 1 1/4" T&G
 GENERAL DRAWING OF CAR - NO. _____
 HAND BRAKE - AJAX
 LINING END - 2 1/2" T&G
 LINING SIDE - 2 1/2" T&G
 ROOF - MURPHY IMPROVED SOLID STEEL NO. 14 GA.

SIDE BEARING CENTERS - 2'-2"
 SHEATHING - .10" CB STEEL
 SUPERSTRUCTURE - STEEL
 UNDERFRAME - STEEL

TRUCK DATA
 BOLSTER - CAST STEEL
 BRAKE BEAM - ARR NO. 3
 BRAKE BEAM SAFETY - GRIP NUT CO.
 CENTER PLATE - CAST INTEGRAL
 GENERAL DRAWING OF TRUCK NO. _____
 JOURNAL - 5 1/2" X 10"
 SIDE BEARING - STUCKI ROLLER TYPE
 SIDE FRAME - CAST STEEL
 SPRING - SEE TABLE
 WHEELS - ARR 33" DIA. ONE WEAR WROT STEEL
 WEIGHT OF ONE TRUCK - SEE TABLE
 CTR. PLT. HGT. - 2'-13 1/4"

MISCELLANEOUS

CLASS		CARS	
50 TON BOX			
N.K.P.			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO AUG. 30, 1946			
REVISIONS			
DR	TR	CH	
JG	JG	MA	
GROUP NO.		SHEET NO.	
4		10	



DRAFT GEARS	CARS
MINER	7000-7124
A-22-EB	7124
CARD-WESTGHS&	7129
NY-11-F	7130
WAGH	7174
TYPE 803	7174
NATIONAL	7175
M-17-A	7179

NOTE:-1
 SPRINGS 7000-7249 SERIES
 AAR COIL 1915 DESIGN 5 OUTER AND 1 SYMINGTON TYPE 5B5 SNUBBER PER NEST.

NOTE:-2
 SPRINGS 7250-7499 SERIES.
 5-OUTER COILS, 5 INNER COILS 3 1/2 TRAVEL & 2 RIDE CONTROL SPRINGS PER NEST.

7250-7499	123600	45100
7000-7249	121600	47400
CARS	AVE. L.O. LMT.	AVE. LGT. WGT.

	A	B	C	D	E
7300-7499 SUPERIOR	9'-10 3/8"	5'-5 9/16"	10'-3 7/8"	13'-7 1/16"	10'-7 7/8"
7000-7299 YOUNGSTOWN & CAMEL FIXTURES	9'-10 1/4"	4'-10 3/8"	10'-4 1/8"	13'-6 5/8"	10'-7 3/8"
CARS SIDE DOORS & FIXTURES					

THESE CARS EQUIPPED WITH ROYAL TYPE 'F' SLACK ADJUSTER

GENERAL DATA
 BUILT BY - RALSTON S.C. Co. LIMA, OHIO
 YEAR BUILT - AUG. TO DEC. 1945
 CAPACITY LEVEL FULL CU. FT. - 390 ACTUAL
 CAPACITY WITH 10 IN. HEAP CU. FT.
 AVERAGE LOAD LIMIT LBS - SEE TABLE
 AVERAGE LIGHT WEIGHT LBS - SEE TABLE
 BUILDERS REFERENCE - LOT 2559
 R R SPEC. NO - 9 CB

CAR BODY DATA
 AIR BRAKE MFG 7000-7249 NYAB, 7250-7499 WAB
 AIR BRAKE SCHED JLE - AB 10'x12"
 BODY BOLSTER - BUILT UP STEEL
 BODY CENTER PLATE - DROP FORGED
 BODY SIDE BEARING - HARDENED STEEL
 CARLINES - 1/2" CRQH. PRESSED STEEL SEAM CARB.

CENTER SILL - 2 AAR Z-76 SEC. 36.21LR PER FT
 CENTER SILL AREA - 21.9
 CENTER SILL COVER PLATE
 COUPLER - AAR 6 1/4" X 8" TYPE 'E' BOTT. OPERTG.
 COUPLER RELEASE RIGGING - STD. RY. EQPT. CO. BOTT. OPERTG.
 DOOR - SEE TABLE
 DOOR FIXTURE - SEE TABLE
 DOOR CLEAR OPENING - 6'-0" W X SEE TABLE
 DRAFT GEAR - SEE TABLE
 DRAFT GEAR ATTACHMENT - CS YOKES
 END - DREADNAUGHT C.B.S. 1/4" BOTT. 3/16" TOP
 END LOAD RATIO - .0509
 FLOORING - 13/14" T & G
 GENERAL DRAWING OF CAR NO
 HAND BRAKE - AJAX
 LINING END - 25/32" X 5 3/16" T & G
 LINING SIDE - 25/32" X 5 3/16" T & G
 ROOF - MURPHY IMPROVED SOLID STEEL 1/4 GA CR STEEL

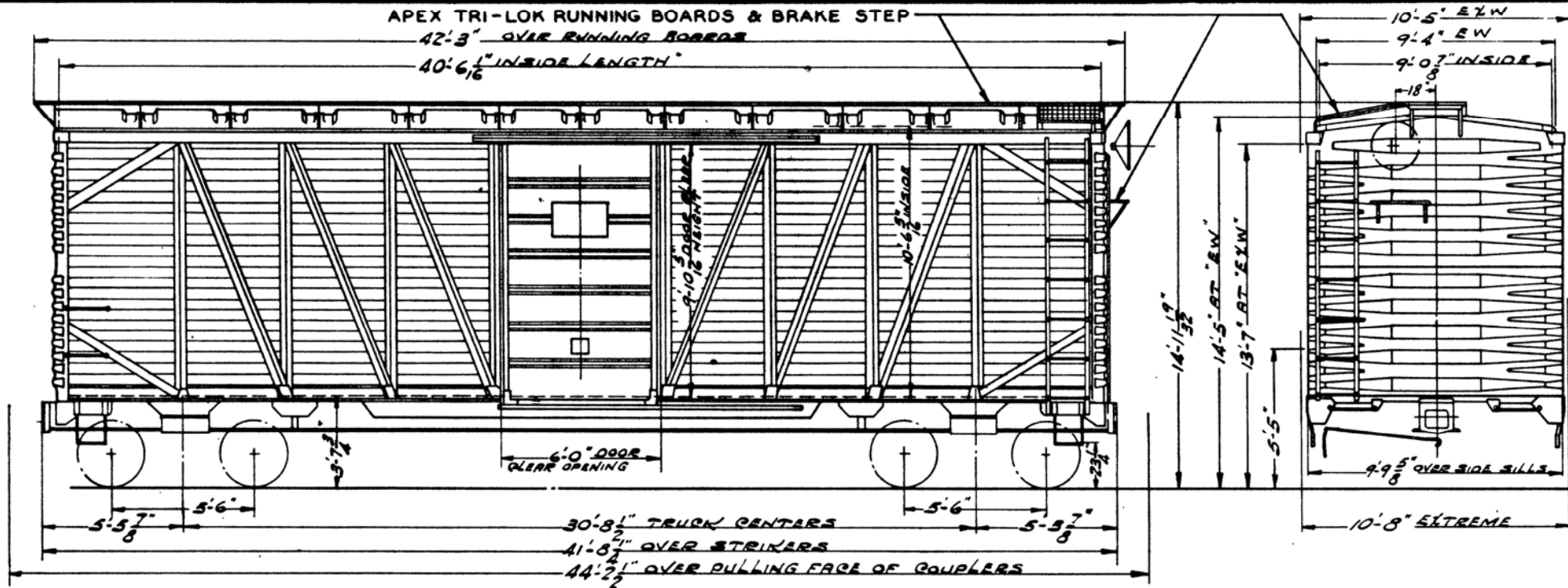
TRUCK DATA
 CARS 7000-7249
 BOLSTER - CAST STEEL DOUBLE TRUSS
 BRAKE BEAM - AAR No 3
 BRAKE BEAM SAFETY - GRIP NUT Co.
 CENTER PLATE - CAST INTEGRAL
 GENERAL DRAWING OF TRUCK NO
 JOURNAL - 5 1/2" X 10"
 SIDE BEARING - STUCKI ROLLER TYPE
 SIDE FRAME - CAST STEEL DOUBLE TRUSS
 SPRING - SEE NOTE - 1
 WHEELS - AAR 33 DIA. CL. SINGLE PLATE 750 LR
 WEIGHT OF ONE TRUCK - 8000
 CTR. PLT. HGT. 2'-13/4"

TRUCK DATA
 CARS 7250-7499 ASF A-3 RIDE CONTROL
 CAST STEEL ASF A3 RIDE CONTROL
 AAR No 3
 CRECO A POINT
 CAST INTEGRAL
 5 1/2" X 10"
 STUCKI ROLLER TYPE
 CAST STEEL ASF A3 RIDE CONTROL
 SEE NOTE - 2
 ONE WEAR WROUGHT STEEL AAR 33 DIA.
 7260 LBS.
 CTR. PLT. HGT. - 2'-13/4"

MISCELLANEOUS

CLASS		CARS	
50-TON BOX		7000-7499	
N.K.P.			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO FEB. 26 1946			
REVISIONS			
DR	TR	CH	
JG	JG	AW	
GROUP NO		SHEET NO	
4		8	

APEX TRI-LOK RUNNING BOARDS & BRAKE STEP



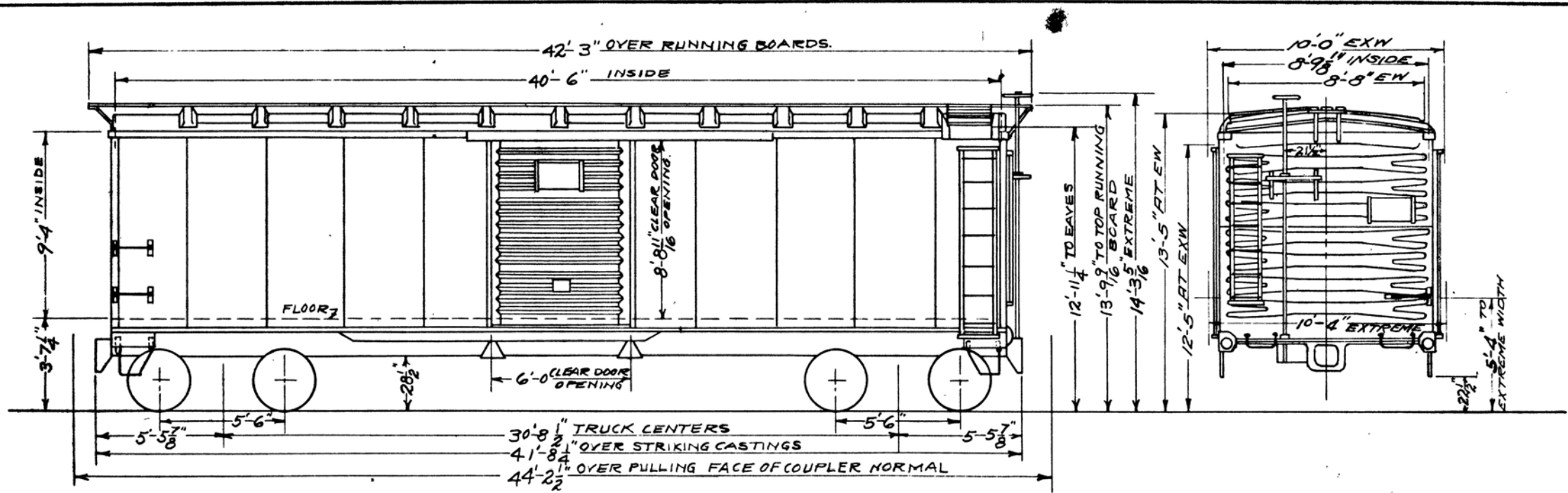
GENERAL DATA	
BUILT BY - PULL. STD. CAR MFG. MICH. CITY IND.	
YEAR BUILT - APRIL 1944	
CAPACITY LEVEL FULL - CU. FT. - XXXX 8868	
CAPACITY WITH 10 IN. HEAP CU. FT.	
AVERAGE LOAD LIMIT - LBS. - 123600	
AVERAGE LIGHT WEIGHT - LBS. - 15400	
BUILDERS REFERENCE - LOT 5766	
R. R. SPEC. NO. - 7 CB	
CAR BODY DATA	
AIR BRAKE MFG. - W.A.B. Co.	
AIR BRAKE SCHEDULE - AB 10" X 12"	
BODY BOLSTER - BUILT UP STEEL	
BODY CENTER PLATE - DROP FORGED	
BODY SIDE BEARING - HARDENED RYLE STEEL - WEDGE TYPE	
CARLINES - 1/8" Q&S SEAM CAPS	

CENTER SILL - 2 RAR 3" SEC. 36.2 LB. PER FT.
CENTER SILL AREA - 2130 SQ. IN.
CENTER SILL COVER PLATE
COUPLER - AAR 6 1/4 X 8 TYPE E BOT. PARTS
COUPLER RELEASE RIGGING - STD. RY. EQPT. Co.
DOOR - SUPERIOR
DOOR FIXTURES - SUPERIOR
DOOR CLEAR OPENING - W. 6'-0" H. 9'-10 3/16"
DRAFT GEAR - WAUGH NO. 403
DRAFT GEAR ATTACHMENT - CS. YOKE
ENDS - DEERONUGHT 1/4" BOT. 3/16" TOP
END LOAD RATIO - .0509
FLOORING - 1 1/4" X 5 1/16" T&G
GENERAL DRAWING OF CAR - NO.
HAND BRAKE - MAX
LINING END - 23/32" X 5 1/16" T&G
LINING SIDE
ROOF - MURPHY IMPROVED SOLID STEEL

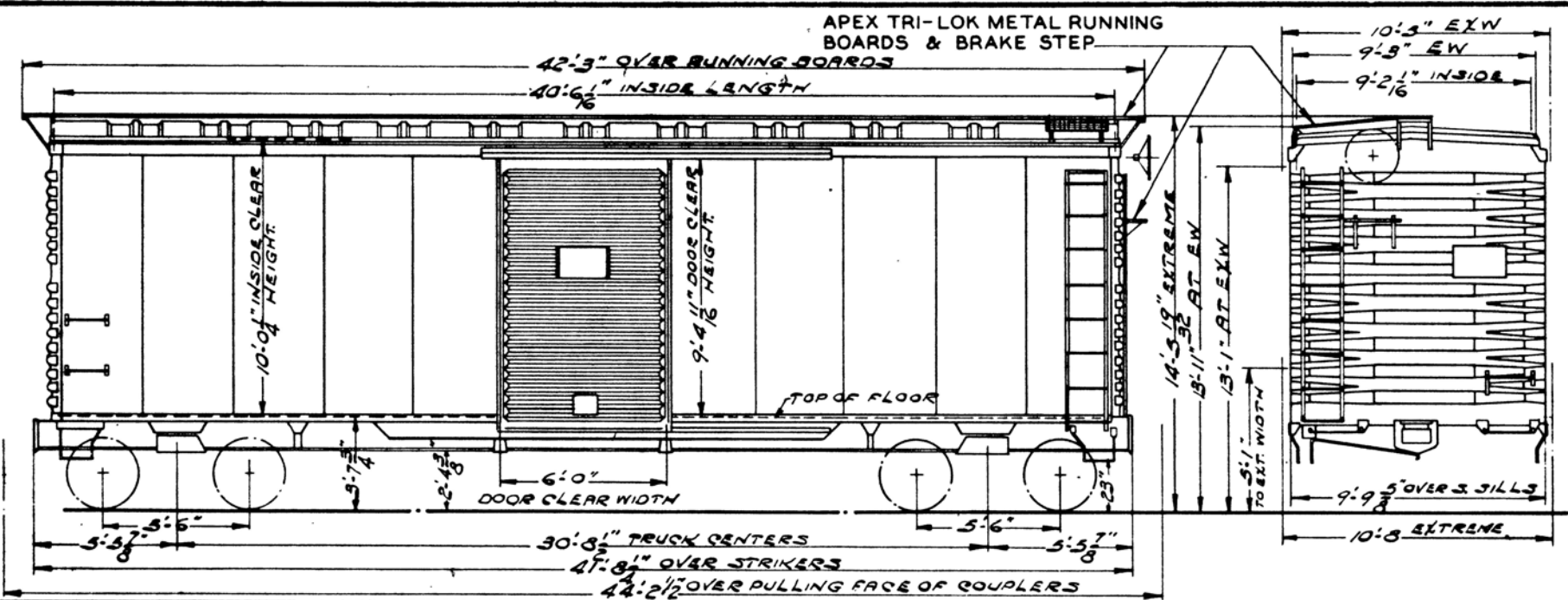
SIDE BEARING CENTERS - 4'-2"	
SHEATHING - 1 1/2" X 5 1/16" T&G	
SUPERSTRUCTURE - STEEL FRAME	
UNDERFRAME - STEEL	
TRUCK DATA	
BOLSTER - Q.S. DOUBLE TRUSS	
BRAKE BEAM - AAR NO. 12	
BRAKE BEAM SAFETY - Q&S 3 POINT	
CENTER PLATE - Q&S INTEGRAL	
GENERAL DRAWING OF TRUCK NO.	
JOURNAL - 5 1/2" X 10"	
SIDE BEARING - STUCKI ROLLER TYPE	
SIDE FRAME - Q.S. DOUBLE TRUSS INTEGRAL BOX	
SPRING - SEE NOTE - 1	
WHEELS - 33" DIA. AAR ONE WEAR W. STEEL	
WEIGHT OF ONE TRUCK - 7490 LBS.	
QTR. PLT. HGT. - 2-13/4"	

MISCELLANEOUS	
NOTE: 1 SPRINGS.	
AAR COIL 1915 DESIGN 5 OUTER	
& 1 CARONELL WESTINGHOUSE	
TYPE 'A' SNUBBER PER NEST.	

CLASS		8000 - 8199	
CARS		CARS	
50 TON BOX			
N.K.P.			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO 2-26-45			
REVISIONS			
DR	TR	CH	
168	168	JK	
GROUP NO.		SHEET NO.	
4		9	



GENERAL DATA		CENTER SILL ARA STD 40.3# CHAN.	SIDE BEARING CENTERS 4'-2"	MISCELLANEOUS	13000-13499 CLASS CARS
BUILT BY PULLMAN	CENTER SILL AREA 22.815 SQ. IN.	SHEATHING C.B. STEEL PLATES 10" THICK	SUPERSTRUCTURE - STEEL	NOTE - 1. CARS 13000-13399 6-ARA 1915 OUTER COILS, CARS 13400 - 13499 COIL-ELLIPTIC.	
YEAR BUILT 1934	CENTER SILL COVER PLATE 1/4" X 2.5 1/2"	UNDERFRAME - BUILT UP STEEL	TRUCK DATA		50 TON BOX
CAPACITY - LBS. 100,000	COUPLER ARA TYPE-E 6 1/4 X 8	BOLSTER CAST STEEL		N.K.P.	
CAPACITY - CU. FT. - 3311	COUPLER RELEASE RIGGING ROTARY BOT. OPER.	BRAKE BEAM A.R.A. NO. 15			ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JUNE 28, 1934
AVERAGE LOAD LIMIT LBS - 123500	DOOR YOUNGSTOWN	BRAKE BEAM SAFETY CRECO 4 POINT			
AVERAGE LIGHT WEIGHT LBS - 45500	DOOR CLEAR OPENING 6'-0" W 8'-8 1/2" H.	CENTER PLATE CAST INTEGRAL			
BUILDERS REFERENCE - LOT No. 5499.	DRAFT GEAR WAUGH 403	GENERAL DRAWING OF TRUCK NO.			
R. R. SPEC. NO. 4-CB	DRAFT GEAR ATTACHMENT C.S. YOKE A.R.A.	JOURNAL 5 1/2" X 10"			
	ENDS DREADNAUGHT	SIDE BEARING ED. S WOODS ROLLER TYPE			
	END LOAD RATIO 648.9318	SIDE FRAME CAST STEEL			
CAR BODY DATA	FLOORING 1 3/4" T & G. BOARDS Y.P.	SPRING SEE NOTE-1			
AIR BRAKE MFG. N.Y.A.B. Co.	GENERAL DRAWING OF CAR NO. 139-11-209	WHEELS C.I. 33" 750#			
AIR BRAKE SCHEDULE - AB FREIGHT BRAKE	HAND BRAKE - WHEEL & SHAFT	WEIGHT OF ONE TRUCK			
BODY BOLSTER BUILT UP STEEL	LINING END 1 3/16" FIR T & G.	CENTER PLATE HEIGHT - 2'-1 3/4"			
BODY CENTER PLATE DROR FORGED	LINING SIDE 1 3/16" FIR T & G.				
BODY SIDE BEARING	ROOF HUTCHINS				
CARLINES PRESSED STEEL					
				REVISIONS	
				DR TR CH	GROUP NO. SHEET NO.
				LHM LHM AD	4 1



NOTE: 2
CAR 17614 EQUIPPED WITH
YOUNGSTOWN STEEL DOOR CO
ALUMINUM DOORS.

17400-17699	JUNE TO AUG 1944	124300	44700	BO 2938	W.R.B.CO.	STUCK ROLLER	RR 33" DIA. ONE WEAR WROST STEEL	7210*
16500-17399	JAN. TO APRIL 1942	123600	45400	LOT 2880	N.Y.R.B.CO.	POCKET & SHOE	RR 33" DIA. 9.1 SINGLE PLT 780*	7900*
CARS	YEAR BUILT	AVERAGE LD. LMT.	AVERAGE LGT. WGT.	BUILDERS REFERENCE	AIR BRAKE MFG.	TRUCK BEARING	WHEELS	TRUCK WGT.

GENERAL DATA
 BUILT BY - GEN. AM. TRANSPORTATION CORP. & CHICAGO, IND.
 YEAR BUILT - SEE TABLE
 CAPACITY LEVEL FULL - CU. FT. - 3723
 CAPACITY WITH 10 IN. MEAP CU. FT.
 AVERAGE LOAD LIMIT - LBS. - SEE TABLE
 AVERAGE LIGHT WEIGHT - LBS. - SEE TABLE
 BUILDERS REFERENCE - SEE TABLE
 R. R. SPEC. NO. - 5 CB

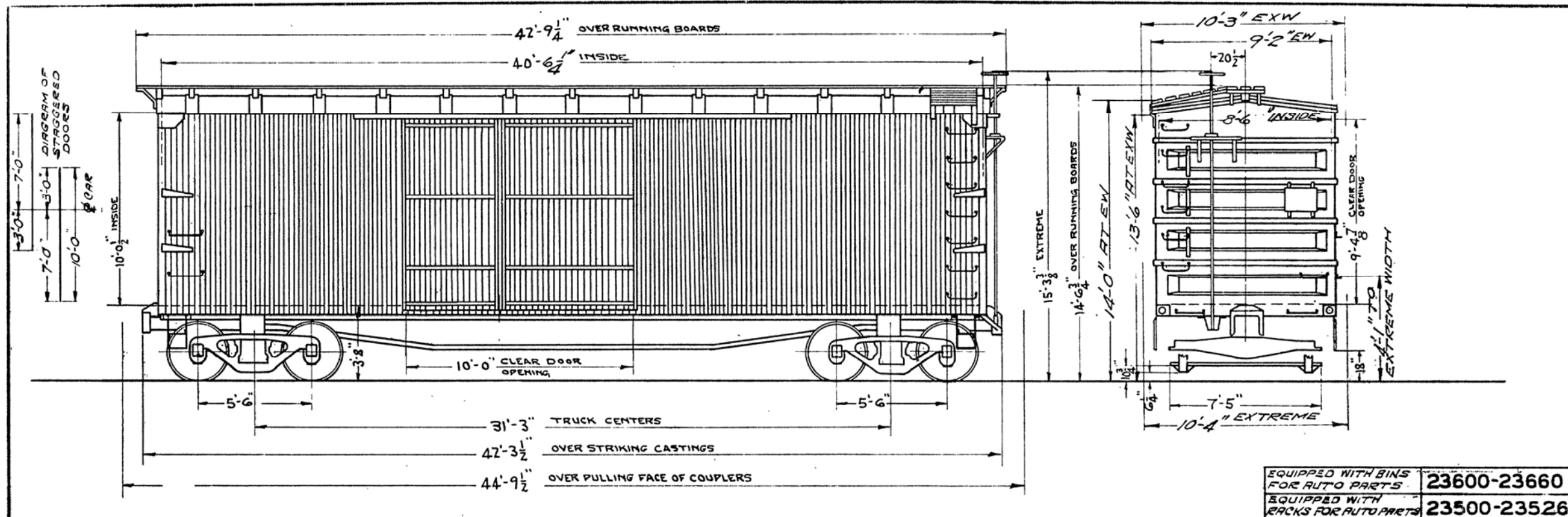
CENTER SILL - 2-ARR 2" SEC. 56.21 LB. PER FT.
 CENTER SILL AREA - 21.3 SQ. IN.
 CENTER SILL COVER PLATE
 COUPLER - AAR TYPE E 6 1/4" X 8" BOT. OPERTG.
 COUPLER RELEASE RIGGING - STD. RY. EQPT. CO. BOT. OPERTG.
 DOOR - YOUNGSTOWN STEEL SEE NOTE 2
 DOOR FIXTURES - CAMEL
 DOOR CLEAR OPENING - 6'0" X 9'4 1/16"
 DRAFT GEAR - MINOR A-22 LB
 DRAFT GEAR ATTACHMENT - C.S. YOK &
 FNDOS - DREADNAUGHT C.B. 1/4" BOT. 3/16" TOP
 END LOAD RATIO - .0509
 FLOORING - 1 3/4" T&G.
 GENERAL DRAWING OF CAR - NC
 HAND BRAKE - AJAX
 LINING END - 23 3/2" X 3 1/4" T&G.
 LINING SIDE - 23 3/2" X 3 1/4" T&G.
 ROOF - MURPHY IMPROVED SOLID STEEL 455 #15

TRUCK DATA
 BOLSTER - C.S. DOUBLE TRUSS
 BRAKE BEAM - AAR NO. 15
 BRAKE BEAM SAFETY - CRECO 3 POINT
 CENTER PLATE - CAST INTEGRAL
 GENERAL DRAWING OF TRUCK NO.
 JOURNAL - 5 1/2" X 10"
 SIDE BEARING - SEE TABLE
 SIDE FRAME - C.S. DOUBLE TRUSS INTEGRAL BOX
 SPRING - SEE NOTE - 1
 WHEELS - SEE TABLE
 WEIGHT OF ONE TRUCK - 7900*
 CTR. PLT. HGT. - 2' 1 3/4"

MISCELLANEOUS
 NOTE: 1 CARS 16500 - 16649 AND CARS 17400 - 17699 AAR COIL 1915 DESIGN 5 OUTER & 1- CARO - WESTSHISE TYPE A SNUBBER PER NEST. CARS 16650 - 17149 AAR COIL 1915 DESIGN 5 OUTER & 1 MINOR CLASS 10-2-28 SNUBBER PER NEST. CARS 17150 - 17399 AAR COIL 1915 DESIGN 5 OUTER & 1- SYMINGTON GOULD TYPE SA-R SNUBBER PER NEST.

CAR BODY DATA
 AIR BRAKE MFG. - SEE TABLE
 AIR BRAKE SCHEDULE - AB 10" X 12"
 BODY BOLSTER - BUILT UP STEEL
 BODY CENTER PLATE - DROP FORGED
 BODY SIDE BEARING - HARDENED STEEL
 CARLINES - 1/8" C.B. PRESSED STEEL SSAM CARS

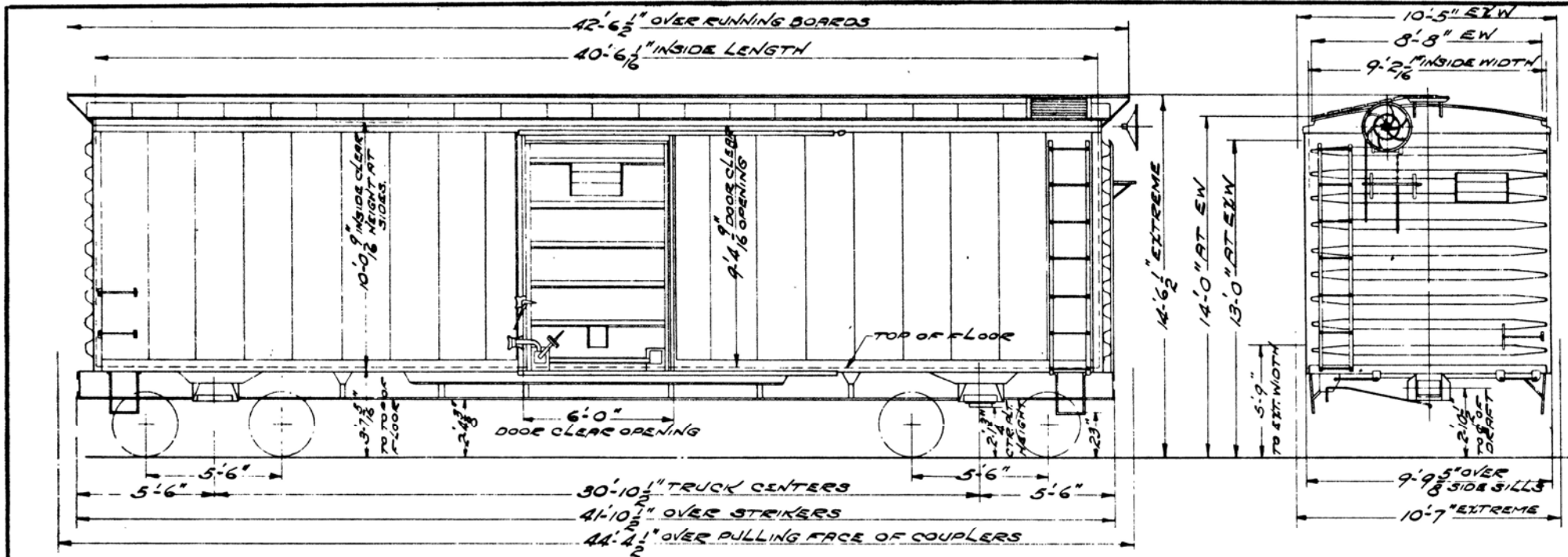
17400-17699	
16500-17399	
CLASS	CARS
50-TON BOX	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO FEB 13, 1942	
REVISIONS	
DR	TR
CH	GROUP No.
63	63
4	SHEET No.
4	5



GENERAL DATA		MISCELLANEOUS	
BUILT BY - ILL. CAR & MFG. CO.	CENTER SILL - BUILT UP SHAPES & PLATES	SIDE BEARING CENTERS - 5'-0"	SHEATHING - 1 3/8" WOOD
YEAR BUILT - 1933	CENTER SILL AREA - 75.88 SQ. IN.	SUPERSTRUCTURE - WOOD	UNDERFRAME - BUILT UP STEEL
CAPACITY LEVEL FULL - CU. FT. - 34.49	CENTER SILL COVER PLATE - 1/4" X 2 1/2"	TRUCK DATA - SEE NOTE 3	
CAPACITY - 80000 LBS.	COUPLER AREA TYPE D - 9 X 8"	BOLSTER - CAST STEEL - PATT. A-611	BRAKE BEAM - DAMASCUS NO. 7
AVERAGE LOAD LIMIT LBS. - 90599	COUPLER RELEASE RIGGING - IMPERIAL TYPE B	BRAKE BEAM SAFETY - 2" X 2" X 3/8" ANGLE	CENTER PLATE - CAST INTEGRAL
AVERAGE LIGHT WEIGHT LBS. - 45500	DOOR - WOOD	GENERAL DRAWING OF TRUCK NO.	JOURNAL - 5" X 9"
BUILDERS REFERENCE - LOT 119	DOOR FIXTURES - CAMEL NO. 37	SIDE BEARING - WOODS PLATE	SIDE FRAME - CAST STEEL - INT. BOX
R. R. SPEC. NO.	DOOR CLEAR OPENING 10'-0" WIDE 8'-4 7/8" HIGH	SPRING - ARA TYPE - C	WHEELS - 33" DIA. CAST IRON
	DRAFT GEAR - SEE NOTE 2	WHEELS - 33" DIA. CAST IRON	WEIGHT OF ONE TRUCK - 7200
	DRAFT GEAR ATTACHMENT - FARLOW - Z - KEY	CENTER PLATE HEIGHT - 2'-1 7/8"	
	ENDS - HUTCHINS - ALL STEEL		
	END LOAD RATIO - .047		
CAR BODY DATA	FLOORING - 1 3/4" YELLOW PINE T. & G.		
AIR BRAKE MFG. - N.Y.B.C.	GENERAL DRAWING OF CAR NO. 139-11-172		
AIR BRAKE SCHEDULE - KC1012	HAND BRAKE WHEEL & SHAFT		
BODY BOLSTER - BUILT UP STEEL	LINING END - 1 3/4" T. & G.		
BODY CENTER PLATE - CAST STEEL - PATT. A-646	LINING SIDE - 1 3/16" T. & G.		
BODY SIDE BEARING - WOODS TIP ROLLER	ROOF - SEE NOTE 1		
CAR LINES - PRESSED STEEL			

EQUIPPED WITH BINS FOR AUTO PARTS	23600-23660
EQUIPPED WITH RACKS FOR AUTO PARTS	23500-23526
	19000-19999

CLASS	CARS									
40 TON AUTO BOX										
N.K.P.										
ADVISORY MECHANICAL COMMITTEE CLEVELAND OHIO MAR. 10. 1933										
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REVISED BY	DATE	REVISIONS								
C.J.T.	3-24-28	2								
		3								
GROUP NO.	SHEET NO.									
2	3									



NOTE:-1
 ROOF SHEETS .05" THICK, SPOT WELDED TOGETHER. CARLINES ARE AN INTEGRAL PART OF THE SHEETS AND ARE REINFORCED BY SPOT WELDING ON .05" ANGLES.

NOTE:-2
 4 RAR 1236 DOUBLE COILS & 1-SNUBBER PER NEST.
 150 CARS EQUIPPED WITH MINER TYPE - 9-2 LB SNUBBERS.
 50 CARS EQUIPPED WITH CARROLL TYPE - "A" SNUBBERS.

20100-20199	38500*	130500*	750" CIRON RSC & MFG CO.	7680*
20000-20099	38300*	130700*	695" SING. PLT. C.I. R.S. CO. & MFG CO.	7500*
CARS	AVERAGE LGT WGT	AVERAGE L.S. LMT.	WHEELS	TRUCK WEIGHT

GENERAL DATA
 BUILT BY - R.S. C. MFG. CO. MICH. CITY, IND.
 YEAR BUILT - JAN. & FEB. 1940
 CAPACITY LEVEL FULL CU. FT. - 3733
 CAPACITY WITH 10 IN. HEAP CU. FT.
 AVERAGE LOAD LIMIT LBS. - SEE TABLE
 AVERAGE LIGHT WEIGHT LBS. - SEE TABLE
 BUILDERS REFERENCE - LOT 5604 A
 R. R. SPEC NO.

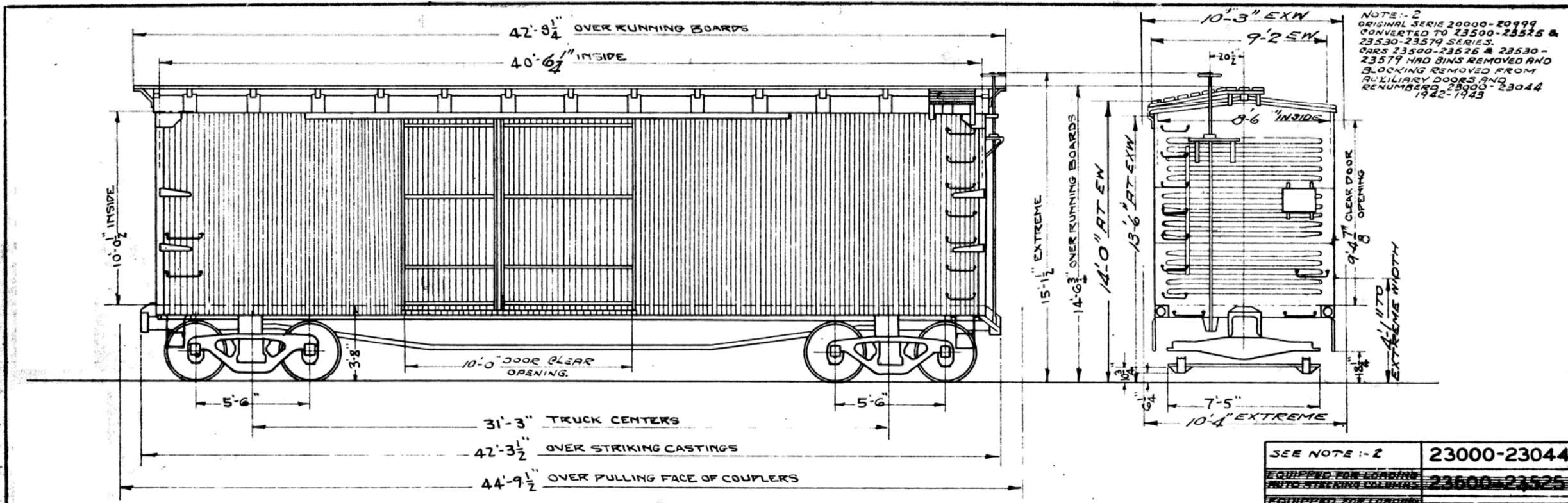
CENTER SILL - 2 RAR 2" SECT. 11/32" THICK
 CENTER SILL AREA - 18.4" SQ. IN.
 CENTER SILL COVER PLATE
 COUPLER - RAR TYPE E BOT. APERT &
 COUPLER RELEASE RIGGING - STD. RY. EQUI. ON BOT. APERT &
 DOOR - .05" STEEL 7-PANEL
 DOOR FIXTURES - CR50
 DOOR CLEAR OPENING - 6'-0" WIDE, 9'-4 1/8" HIGH
 DRAFT GEAR - PEERLESS H-1
 DRAFT GEAR ATTACHMENT - O.H.S. YOKE
 ENDS - CARBUILDERS TYPE 3/16" 50T 1/8" TOP
 END LOAD RATIO - .057
 FLOORING - 13/16" YELLOW PINE
 GENERAL DRAWING OF CAR
 HAND BRAKE - EQUIP CO. VERT. WHEEL
 LINING END - 23/32" FIR
 LINING SIDE - 23/32" FIR
 DOOR - .05" STEEL SEE NOTE:-1

SIDE BEARING CENTERS - 4'-2"
 SHEATHING - .05" STEEL COR-TEN
 SUPERSTRUCTURE - STEEL
 UNDERFRAME - STEEL

TRUCK DATA
 BOLSTER - NI-TENSILE C STEEL
 BRAKE BEAM - RAR NO. 13
 BRAKE BEAM SAFETY - 3" X 2 1/2" X 1/4" ANGLE
 CENTER PLATE - CAST INTEGRAL
 GENERAL DRAWING OF TRUCK NO.
 JOURNAL - 5 1/2" X 10"
 SIDE BEARING - FRICTION TYPE
 SIDE FRAME - C.S. DOUBLE TRUSS INTEGRAL BOX TYPE
 SPRING - SEE NOTE:-2
 WHEELS - SEE TABLE
 WEIGHT OF ONE TRUCK - SEE TABLE
 CENTER PLATE HEIGHT - 2'-1 3/4"

MISCELLANEOUS

20000-20199	
CLASS	CARS
50 TON LGT. WGT. BOX	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO FEB. 13, 1940	
REVISIONS	
DR	TR
16.B.	J.G.B.
GROUP NO.	SHEET NO.
4	6



NOTE:-2
 ORIGINAL SERIES 20000-20999
 CONVERTED TO 23500-23525 &
 23530-23579 SERIES.
 CARS 23500-23526 & 23530-
 23579 HAD BINS REMOVED AND
 BLOCKING REMOVED FROM
 AUXILIARY DOORS AND
 RENUMBERED 23000-23044
 1922-1945

SEE NOTE :-2	23000-23044
EQUIPPED FOR LOADING AUTO-REFUELING COUPLERS	23500-23525
EQUIPPED FOR LOADING AUTO-MISC. PARTS	23530-23579
	20000-20999

GENERAL DATA	
BUILT BY ILL. CAR & MFG. CO.	
YEAR BUILT - 1924	
CAPACITY LEVEL FULL CU. FT. - 3459	
CAPACITY - 80000 LBS.	
AVERAGE LOAD LIMIT LBS 8900	
AVERAGE LIGHT WEIGHT LBS 40100	
BUILDERS REFERENCE - LOT 115	
R. R. SPEC. NO. 382	
CAR BODY DATA	
AIR BRAKE MFG. N.Y.A.B. CO.	
AIR BRAKE SCHEDULE - KC1012	
BODY BOLSTER - BUILT UP STEEL	
BODY CENTER PLATE - CAST STEEL - PATT. A-646	
BODY SIDE BEARING - WOODS - TIP ROLLER	
CAR LINES - PRESSED STEEL	

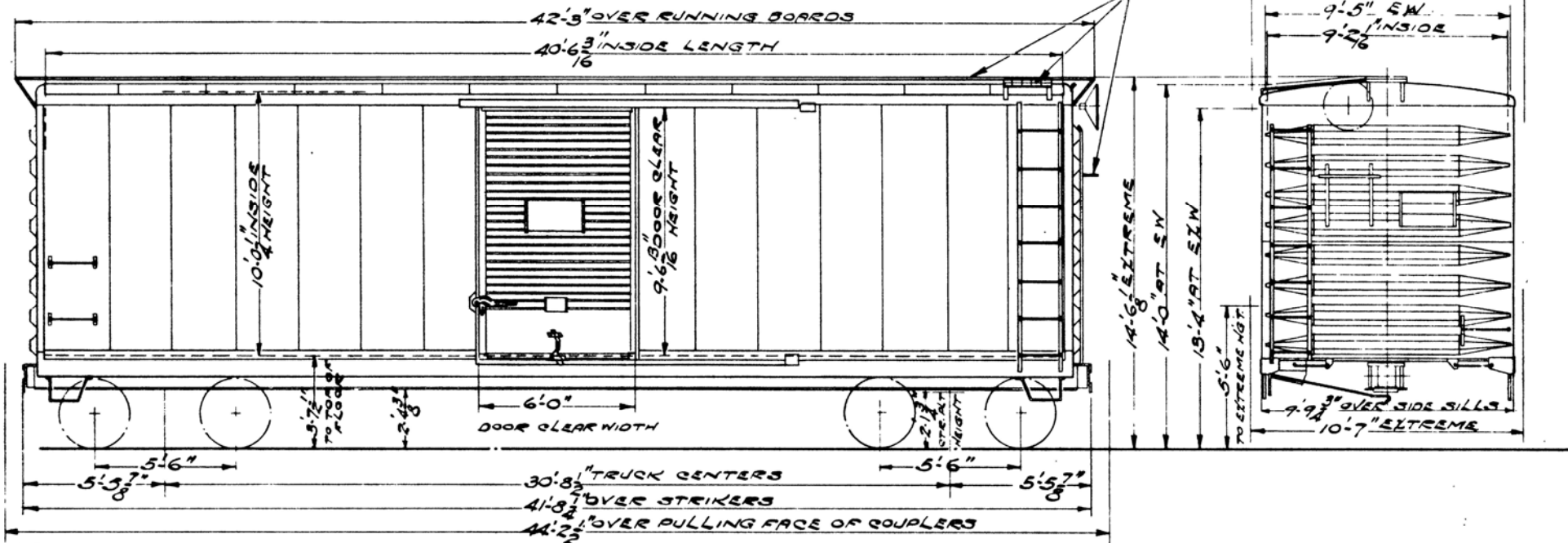
CENTER SILL - BUILT UP SHAPES AND PLATES	
CENTER SILL AREA 78.22 SQ. IN.	
CENTER SILL COVER PLATE 1/4" X 21"	
COUPLER ARA - TYPE D 6" X 8"	
COUPLER RELEASE RIGGING - IMPERIAL TYPE B	
DOOR - WOOD	
DOOR FIXTURES CAMEL-32	
DOOR CLEAR OPENING - 10'-0" WIDE 8'-4 1/8" HIGH	
DRAFT GEAR - SEE NOTE-1	
DRAFT GEAR ATTACHMENT - FARLOW-L-KEY	
ENDS - MURPHY	
END LOAD RATIO .044	
FLOORING - 1 1/4" YELLOW PINE T & G.	
GENERAL DRAWING OF CAR NO - 139-11-177	
HAND BRAKE - WHEEL & SHAFT	
LINING END - 1 3/4" T & G.	
LINING SIDE 1 3/16" - T & G.	
ROOF - HUTCHINS	

SIDE BEARING CENTERS - 5'-0"	
SHEATHING 1 3/16" WOOD	
SUPERSTRUCTURE - WOOD	
UNDERFRAME - BUILT UP STEEL	
TRUCK DATA	
BOLSTER - CAST STEEL - PATT. A-911	
BRAKE BEAM - ARA No 2 DAMASCUS	
BRAKE BEAM SAFETY - CRECO 4 POINT	
CENTER PLATE - CAST INTEGRAL	
GENERAL DRAWING OF TRUCK NO	
JOURNAL 5" X 9"	
SIDE BEARING - WOODS PLATE	
SIDE FRAME - CAST STEEL - PATT.	
SPRING ARA TYPE C	
WHEELS - 33" DIA. CAST IRON	
WEIGHT OF ONE TRUCK - 7200	
CENTER PLATE HEIGHT - 2'-1 1/8"	

MISCELLANEOUS	
NOTE-1: CARS 20000-20899 HAVE MINER A-18-5-2 - CARS 20900-20999 HAVE BRADFORD ROCKER TYPE R-50	

CLASS	CARS
40 TON AUTO BOX	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND OHIO MAR. 31, 1933.	
1916 C.O. 5 REVISIONS	
DR	TR
C.J.T.	C.J.T.
CH	AP
GROUP NO.	SHEET NO.
2	6

APEX "TRI-LOK" STEEL RUNNING BOARDS & BRAKE STEP

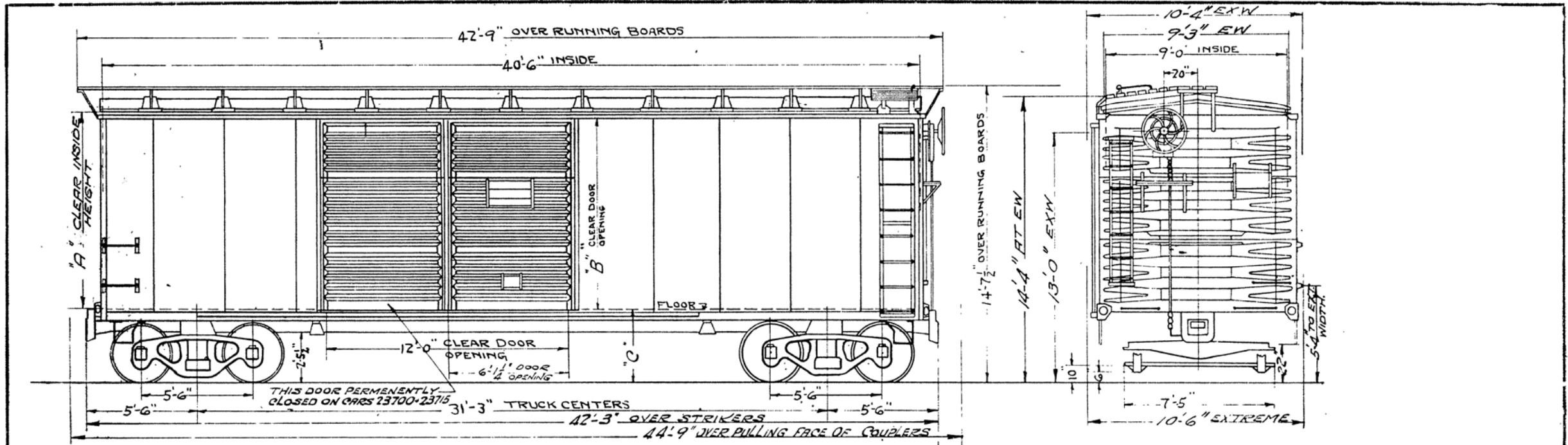


HAND BRAKE	CARS
AJAZ	20200 TO 20299
EQUIPCO	20300 TO 20399
CHAMPION	20400 TO 20499

20350 TO 20499	CARD-WEST
20499	NY 11-E
20200 TO 20349	MINER
20349	A-22-KB
CARS	DRAFT GEAR

GENERAL DATA		MISCELLANEOUS	
BUILT BY - AC & F CO. MADISON ILL.	CENTER SILL - AAR 2-26 SEC. C.H.S.	SIDE BEARING CENTERS - 4'-2"	NOTES - 1 SPRINGS - AAR CLASS D-2
YEAR BUILT - FEB TO APRIL 1941	CENTER SILL AREA - 21.3 SQ. IN.	SHEATHING - .05 COR-TEN STEEL	1936 DESIGN, 4 OUTER COILS,
CAPACITY LEVEL FULL CU FT - 3724	CENTER SILL COVER PLATE	SUPERSTRUCTURE - STEEL COR-TEN	2 INNER COILS AND 1 CARD-WESTISHSE
CAPACITY WITH 10 IN HEAP CU FT	COUPLER - A.A.R. TYPE "E" 6 1/4" X 8"	UNDERFRAME - OHS & CORTEN STEEL	SNUBBER PER NEST.
AVERAGE LOAD LIMIT LBS - 126600	COUPLER RELEASE RIGGING - STD. RY. SPT. CO. BOT. QMRY. G.	TRUCK DATA	
AVERAGE LIGHT WEIGHT LBS - 42400	DOOR - STEEL CAR BUILDERS DESIGN	BOLSTER - C.S. DOUBLE TRUSS	
BUILDERS REFERENCE - LOT-2080	DOOR FIXTURES - C.R.S.S.O.	BRAKE BEAM - A.A.R. No. 15	
R R SPEC NO	DOOR CLEAR OPENING - 6'-0" W X 9'-6 3/4" H.	BRAKE BEAM SAFETY - CRECO-ECONOMY	
	DRAFT GEAR - SEE TABLE	CENTER PLATE - CAST INTEGRAL	
	DRAFT GEAR ATTACHMENT - C.S. YOKE	GENERAL DRAWING OF TRUCK NO.	
	ENDS - STEEL CAR BUILDERS DESIGN COR-TEN	JOURNAL - 5 1/2" X 10"	
	END LOAD RATIO - .0309	SIDE BEARING - STUCKI ROLLER TYPE	
	FLOORING - 1 3/4" T & G	SIDE FRAME - C.S. DOUBLE TRUSS- INTEGRAL BOL	
	GENERAL DRAWING OF CAR NO	SPRING - SEE NOTE - 1	
	HAND BRAKE - SEE TABLE	WHEELS - 33" DIA. 750# CHILLED TREAD	
	LINING END - 25/32" X 3 3/16" T & G FIR	WEIGHT OF ONE TRUCK - 7900	
	LINING SIDE - 25/32" X 3 3/16" T & G FIR	CENTER PLATE HEIGHT - 2'-1 3/4"	
	ROOF - 17 GA. CAR BUILDERS DESIGN .05 COR-TEN STEEL		

20200-20499	
CLASS	CARS
50 TON LGT. WGT BOX	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO APRIL 10, 1941	
REVISIONS	
7/19/41	2-21
4/1/46	46
DR	TR
JGB	JGB
CH	GROUP NO:
4	SHEET NO
	7



23700-23715	WITH 1 1/2" FLOORING	10'-0"	9'-5 1/16"	3'-3 1/4"	3645
22000-22349	WITH 2 3/8" FLOORING	9'-9 3/8"	9'-5 1/16"	3'-8 1/8"	3565
CARS	REMARKS	A	B	C	CU CAPX

GENERAL DATA
 BUILT BY STD STEEL CAR CO. HAMMOND, IND.
 YEAR BUILT - 1929
 CAPACITY LEVEL FULL - CU. FT - SEE TABLE
 CAPACITY - 80000 LBS.
 AVERAGE LOAD LIMIT LBS. - 86100
 AVERAGE LIGHT WEIGHT LBS. - 49900
 BUILDERS REFERENCE LOT NO. 118
 R. R. SPEC. NO. NKP 399

CAR BODY DATA
 AIR BRAKE MFG. N.Y.A.B. CO.
 AIR BRAKE SCHEDULE K.C. 1012 & 'AB'
 BODY BOLSTER - BUILT UP STEEL
 BODY CENTER PLATE - FORGED STEEL
 BODY SIDE BEARING HARDENED STEEL PLATE
 CARLINES - PRESSED STEEL

CENTER SILL 2 ARA STD. 12" SECTIONS 40.3"
 CENTER SILL AREA 28.44 SQ. IN.
 CENTER SILL COVER PLATE 1/4" X 70"
 COUPLER - ARA TYPED 6" X 8"
 COUPLER RELEASE RIGGING IMPERIAL TYPE B TOP OPER
 DOOR YOUNGSTOWN STEEL
 DOOR FIXTURES CAMB #50
 DOOR CLEAR OPENING 12'-0" WIDE - 9'-5 1/16" HIGH
 DRAFT GEAR - CARDWELL FRICTION & WAUGH GOULD
 DRAFT GEAR ATTACHMENT - SEE NOTE-1
 ENDS RIGID STEEL - DREADNAUGHT
 END LOAD RATIO .043
 FLOORING - T&G SEE TABLE
 GENERAL DRAWING OF CAR NO 139-11-169
 HAND BRAKE - SEE NOTE-2
 LINING END 13/16" T&G
 LINING SIDE - 1 1/16" T&G - 1 1/4 S.L. FULL HEIGHT
 ROOF - MURPHY STEEL

SIDE BEARING CENTERS 4'-2"
 SHEATHING 1/8" STEEL
 SUPERSTRUCTURE - STEEL
 UNDERFRAME - STEEL

TRUCK DATA
 BOLSTER CAST STEEL
 BRAKE BEAM ARA No 2+
 BRAKE BEAM SAFETY GREGO 4 POINT
 CENTER PLATE CAST INTEGRAL
 GENERAL DRAWING OF TRUCK NO.
 JOURNAL 5" X 9"
 SIDE BEARING ROLLER TYPE WOODS
 SIDE FRAME CAST STEEL - INT. BOX
 SPRING ARA TYPE D
 WHEELS CAST IRON SINGLE PLATE 33" DIA.
 WEIGHT OF ONE TRUCK
 CENTER PLATE HEIGHT - 2' 2 3/4"



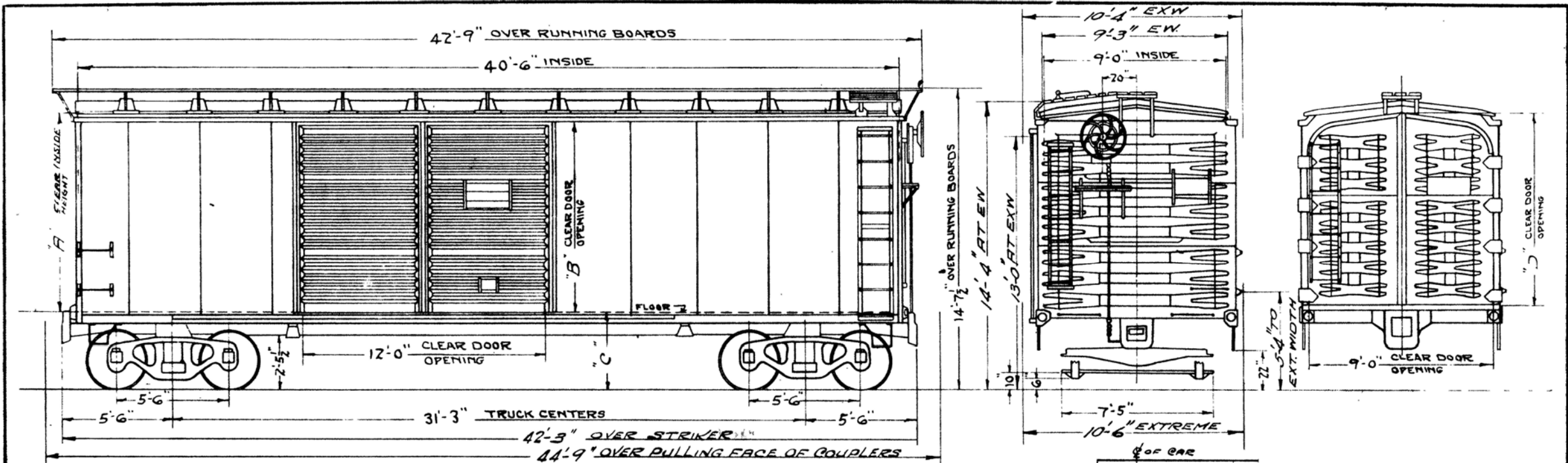
EQUIPPED FOR HANDLING CHRYSLER TRANSMISSIONS...	23700-23715
CLASS	CARS
22000-22349	

40 TON AUTO BOX

N.K.P.
 ADVISORY MECHANICAL COMMITTEE
 CLEVELAND, OHIO MAR. 7, 1933

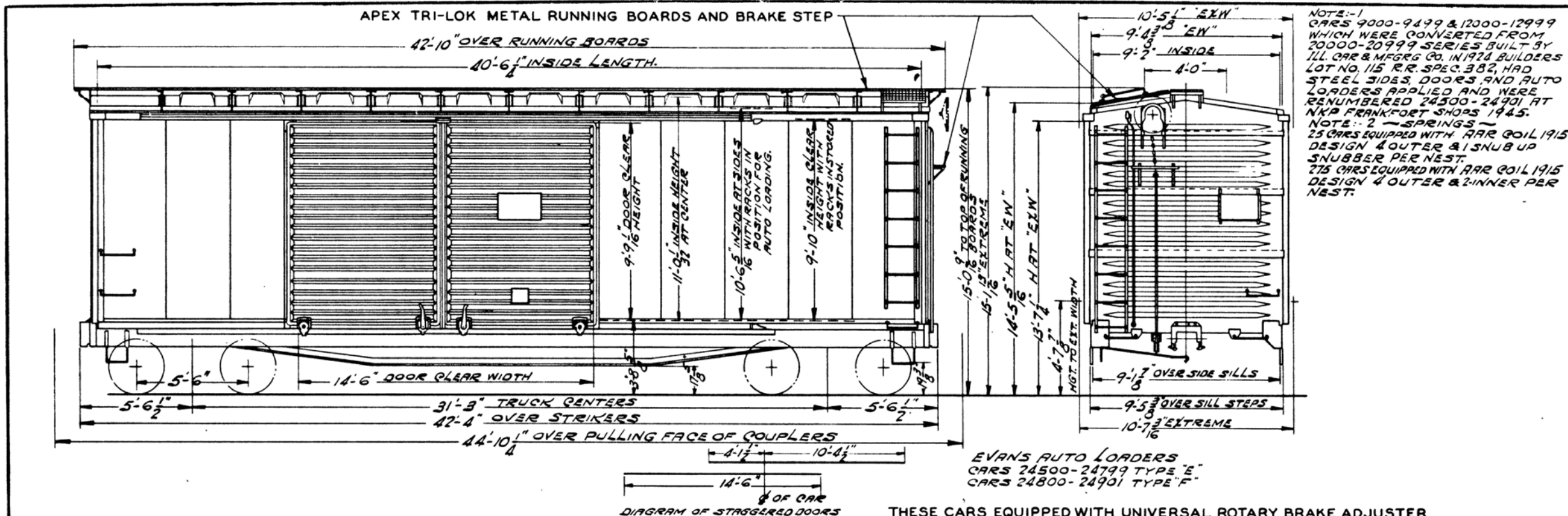
REVISIONS

1	2	3	4	5	6	7	8	9	10	11	12
CR	TR	CH	GROUP NO	41	42	43	44	45	46		
C.J.T.	C.J.T.	90	2								4



WITH 1 3/4" FLOORING	10'-0"	9'-5 1/16"	3'-8 1/4"	9'-7 1/4"	3645
WITH 2 3/8" FLOORING	9'-9 3/8"	9'-5 1/16"	3'-8 1/4"	9'-6 3/8"	3563
CARS	"A"	"B"	"C"	"D"	CU CAPY

GENERAL DATA BUILT BY STO. STEEL CAR CO. HAMMOND, IND. YEAR BUILT - 1929 CAPACITY LEVEL, FULL - CU. FT. <i>SEE TABLE</i> CAPACITY 80000 LBS. AVERAGE LOAD LIMIT - LBS. 84000 AVERAGE LIGHT WEIGHT - LBS. 52000 LBS. BUILDERS REFERENCE LOT No. 118 R. R. SPEC. NO. N.K.P. 399		TRUCK DATA CENTER SILL 2-ARA STD. 12" SECTIONS 40.3# CENTER SILL AREA - 28.44 SQ. IN. CENTER SILL COVER PLATE 1/4" X 20" COUPLER ARA TYPE "D" 6" X 8" COUPLER RELEASE RIGGING <i>SEE NOTE-1</i> DOOR YOUNGSTOWN STEEL DOOR FIXTURES CAMEL No. 50 DOOR CLEAR OPENING <i>SEE TABLE & NOTE-1</i> DRAFT GEAR WAUGH #A07 FRICTION DRAFT GEAR ATTACHMENT FARLOW 2 KEY ENDS DREADNAUGHT ONE END ONLY END LOAD RATIO .043 FLOORING - <i>SEE TABLE</i> GENERAL DRAWING OF CAR NO. 139-11-169 HAND BRAKE URECO LINING END 1 3/16" TONGUE & GROOVE LINING SIDE 1 3/16" T&G AND 1/4" SL. ROOF - MURPHY STEEL		MISCELLANEOUS NOTE-1: ROTARY OPERATING ON DOOR END IMPERIAL TYPE B TOP OPERATING ON RIGID END NOTE 2: SIDE DOOR 12'-0" WIDE, 9'-5 1/16" HIGH END DOOR 9'-0" WIDE, FOR HEIGHT SEE TABLE "D"		22350-22499 CLASS CARS 40 TON AUTO BOX N.K.P. ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO MAR. 7, 1933									
CAR BODY DATA AIR BRAKE MFG. N.Y.A.S. CO. AIR BRAKE SCHEDULE KC 1012 BODY BOLSTER BUILT UP STEEL BODY CENTER PLATE FORGED STEEL BODY SIDE BEARING HARDENED STEEL PLATE CARLINES PRESSED STEEL		SIDE BEARING CENTERS 4'-2" SHEATHING 1/8" C.B. STEEL SUPERSTRUCTURE STEEL UNDERFRAME STEEL		REVISIONS <table border="1"> <tr> <th>DR</th> <th>TR</th> <th>CH</th> <th>GROUP NO.</th> <th>SHEET NO.</th> </tr> <tr> <td>C.J.T.</td> <td>C.J.T.</td> <td>AP</td> <td>2</td> <td>5</td> </tr> </table>		DR	TR	CH	GROUP NO.	SHEET NO.	C.J.T.	C.J.T.	AP	2	5
DR	TR	CH	GROUP NO.	SHEET NO.											
C.J.T.	C.J.T.	AP	2	5											



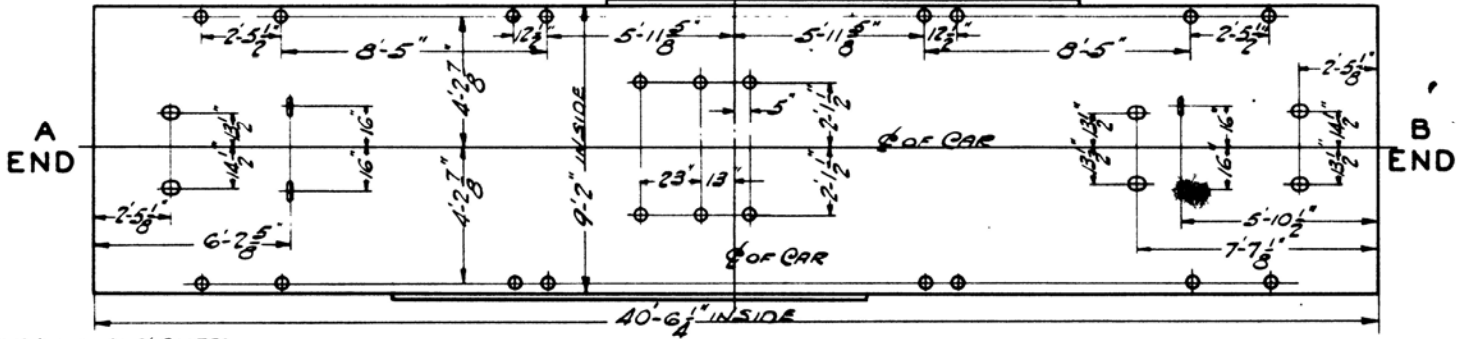
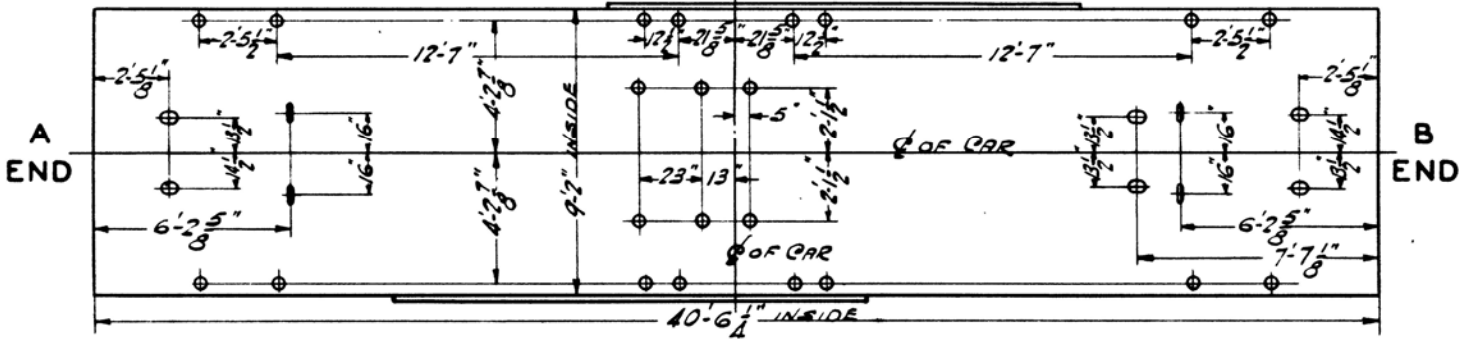
NOTE-1
 CARS 9000-9499 & 12000-12999 WHICH WERE CONVERTED FROM 20000-20999 SERIES BUILT BY ILL. CAR & MFG'G CO. IN 1928 BUILDERS LOT NO. 115 R.R. SPEC. 382, HAD STEEL SIDES, DOORS AND AUTO LOADERS APPLIED AND WERE RENUMBERED 24500-24901 AT NKP FRANKFORT SHOPS 1945.

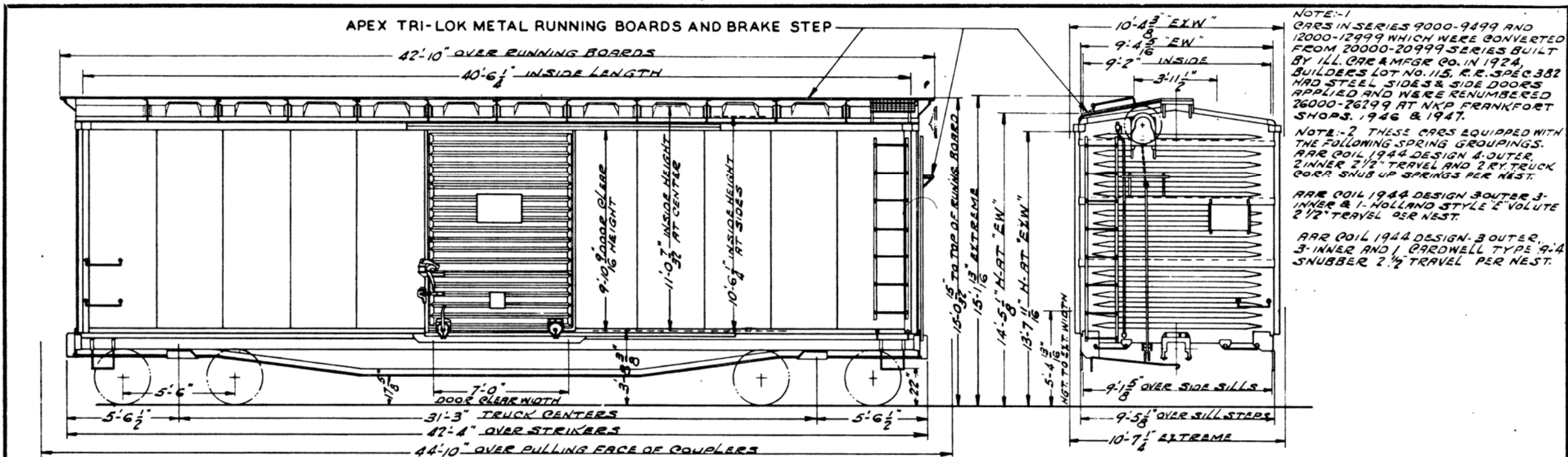
NOTE-2 - SPRINGS
 25 CARS EQUIPPED WITH AAR COIL 1915 DESIGN 4 OUTER & 1 SNUB UP SNUBBER PER NEST.
 275 CARS EQUIPPED WITH AAR COIL 1915 DESIGN 4 OUTER & 2-INNER PER NEST.

GENERAL DATA		MISCELLANEOUS	
BUILT BY - <i>SEE NOTE:-1</i>	CENTER SILL - BUILT UP STEEL RA TYPE	SIDE BEARING CENTERS - 3'-0"	
YEAR BUILT - <i>SEE NOTE:-1</i>	CENTER SILL AREA - 28.22 SQ. IN.	SHEATHING - .10" STEEL	
CU. CAPY. - 3652 CU.FT. ACTUAL - LOADERS STORED	CENTER SILL COVER PLATE - 1/4" X 21"	SUPERSTRUCTURE - STEEL	
CU. CAPY. - 3910 CU.FT. ACTUAL - LOADERS IN POSITION	COUPLER - AAR 6 1/4" X 8" TYPE "E" BOT. OPERTG.	UNDERFRAME - STEEL	
AVERAGE LOAD LIMIT LBS. - 72700	COUPLER RELEASE RIGGING - STAYE QRT. C. BOT. QRT. S.		
AVERAGE LIGHT WEIGHT LBS 36300	DOOR - YOUNGTOWN CORRUG. STEEL	TRUCK DATA	
BUILDERS REFERENCE - <i>SEE NOTE:-1</i>	DOOR FIXTURES - RAMEL	BOLSTER - CAST STEEL	
R R SPEC NO. - <i>SEE NOTE:-1</i>	DOOR CLEAR OPENING - 14'-6" W X 9'-9 1/8" H.	BRAKE BEAM - A.R.R. NO. 15	
	DRAFT GEAR - AAR APPROVED	BRAKE BEAM SAFETY - GREGO 4 POINT	
	DRAFT GEAR ATTACHMENT - CAST STEEL YOKE	CENTER PLATE - CAST INTEGRAL	
	ENDS - MURPHY	GENERAL DRAWING OF TRUCK NO.	
	END LOAD RATIO - .044	JOURNAL - 5" X 9"	
	FLOORING - 1 3/4" T & G	SIDE BEARING - STUCKI ROLLER	
	GENERAL DRAWING OF CAR NO - 139-11-411	SIDE FRAME - CAST STEEL	
	HAND BRAKE - ALJAX	SPRING - <i>SEE NOTE:-1</i>	
	LINING END - 3/16" X 3 1/4" T & G	WHEELS - AAR 33" DIA. C.I.	
	LINING SIDE - 1 3/4" X 5 1/16" T & G	WEIGHT OF ONE TRUCK	
	ROOF - MURPHY IMPROVED SOLID STEEL 15 GA. C.B. STEEL	CTR. PLT. HGT. - 2'-1 3/4"	
	CARLINES - 1/8" PRESSED CB STEEL SEAM CARS		

CLASS		24500-24901	
CARS			
40 TON AUTO BOX			
N.K.P.			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO MAR 4, 1946			
REVISIONS			
DR	TR	CH	GROUP NO.
1	6B	6B	2
SHEET NO.			7

NKP CARS WITH EVANS AUTO LOADERS

	CAR NOS.	NO. OF CARS	TYPE	FLOOR CONN.		FRAME	
				NO. OF TUBES	NO. OF SOCKETS	ARCHED OR FLAT FRONT	REAR HUB ADJUSTMENT
 <p>EVANS DNG. NO. AL-200756</p>	24500-24799	198	E	12	16-SINGLE	ARCHED	YES
 <p>EVANS DNG. NO. AL-200756</p>	24800-24901	102	F	12	16-SINGLE		



NOTE:-1
CARS IN SERIES 9000-9499 AND 12000-12999 WHICH WERE CONVERTED FROM 20000-20999 SERIES BUILT BY ILL. CAR & MFG. CO. IN 1924, BUILDERS LOT NO. 115, R.R. SPEC. 382 HAD STEEL SIDES & SIDE DOORS APPLIED AND WERE RENUMBERED 26000-26299 AT NKP FRANKFORD SHOPS, 1946 & 1947.

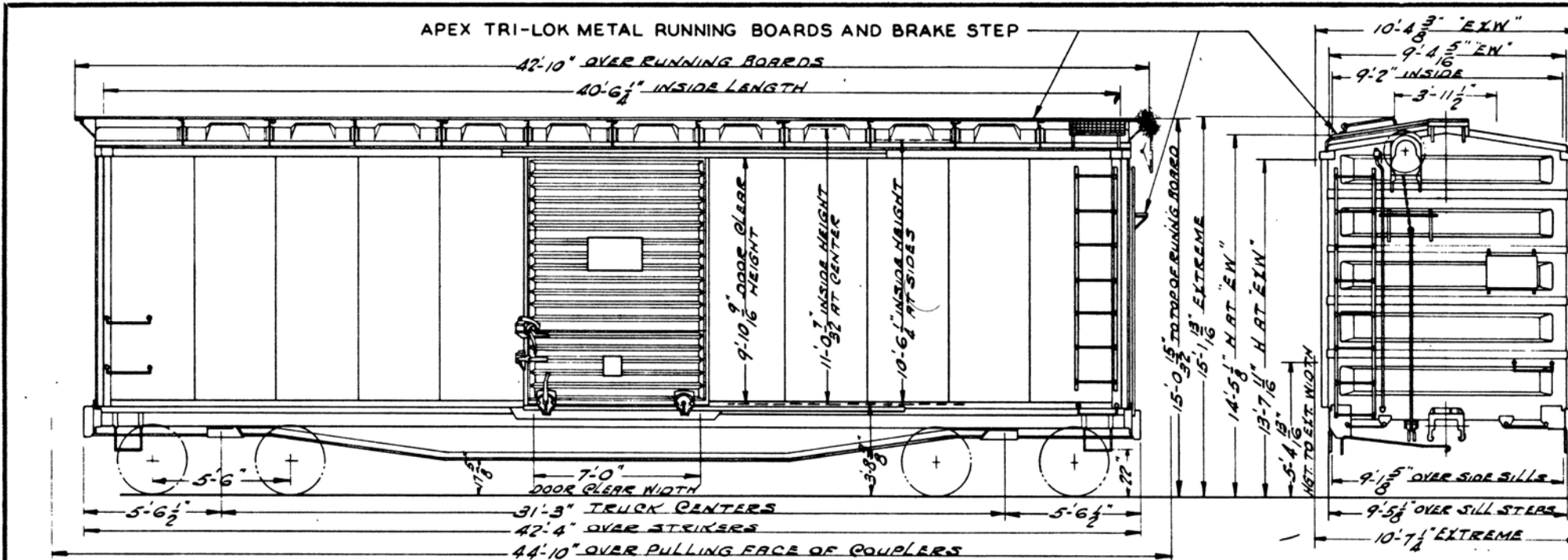
NOTE:-2 THESE CARS EQUIPPED WITH THE FOLLOWING SPRING GROUPINGS:
RAR COIL 1944 DESIGN 4-OUTER, 2-INNER 2 1/2" TRAVEL AND 2 RY TRUCK COIL SNUB UP SPRINGS PER NEST.

RAR COIL 1944 DESIGN 3-OUTER 3-INNER & 1 HOLLAND STYLE 2" VOLUTE 2 1/2" TRAVEL PER NEST.

RAR COIL 1944 DESIGN 3-OUTER, 3-INNER AND 1 CARDWELL TYPE 9-A SNUBBER 2 1/2" TRAVEL PER NEST.

CARS 26200 - 26299 EQUIPPED WITH UNIVERSAL ROTARY BRAKE ADJUSTER

GENERAL DATA		MISCELLANEOUS		26000-26299
BUILT BY - SEE NOTE:-1		SIDE BEARING CENTERS - 5'-0"		CLASS CARS
YEAR BUILT - SEE NOTE:-1		SHEATHING - .10" STEEL		
CAPACITY LEVEL FULL - CU. FT - 3908		SUPERSTRUCTURE - STEEL		40 TON BOX N.K.P. ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO
CAPACITY WITH 10 IN. HEAP CU. FT		UNDERFRAME - STEEL		
AVERAGE LOAD LIMIT - LBS. 86800		TRUCK DATA		
AVERAGE LIGHT WEIGHT - LBS - 49100		BOLSTER - CAST STEEL		
BUILDERS REFERENCE - SEE NOTE:-1		BRAKE BEAM - RAR NO. 15		
R. R. SPEC NO. - SEE NOTE:-1		BRAKE BEAM SAFETY - QRECO 4 POINT		
CAR BODY DATA		CENTER PLATE - CAST INTEGRAL		
AIR BRAKE MFG.		GENERAL DRAWING OF TRUCK NO.		
AIR BRAKE SCHEDULE - "AB"		JOURNAL - 5" X 9"		
BODY BOLSTER - BUILT UP STEEL		SIDE BEARING - STUCKI No 656		
BODY CENTER PLATE - DWG 134-2-1808		SIDE FRAME - CAST STEEL		
BODY SIDE BEARING - HARDENED STEEL		SPRING - SEE NOTE:-2		
CAR LINES - 1/8" PRESSED Q.B.S. SARM CAPS		WHEELS - RAR 33" DIA. C.I. & I.W.V.S.		
CENTER SILL - BUILT UP STEEL F.B. TYPE		WEIGHT OF ONE TRUCK		
CENTER SILL AREA - 28.22 SQ. IN.		CTR. PLT. HGT. - 2'-1 3/4"		
CENTER SILL COVER PLATE - 21" X 1/4"				
COUPLER - RAR TYPE "E" 6 1/4" X 8" BOT. OPERTG.				
COUPLER RELEASE RIGGING - STD. RY. EQPT. CO. BOT. OPERTG.				
DOOR - YOUNGSTOWN				
DOOR FIXTURES - BAMEL				
DOOR CLEAR OPENING - 7'-0" W X 9'-10 9/16" H.				
DRAFT GEAR - RAR APPROVED				
DRAFT GEAR ATTACHMENT - FARLOW				
ENDS - MURPHY				
END LOAD RATIO - .044				
FLOORING - 1 3/4" T.&G.				
GENERAL DRAWING OF CAR - NO 139-11-422				
HAND BRAKE - AJAX				
LINING END - 1 3/4" X 5 1/16" T.&G.				
LINING SIDE - 1 3/16" X 3 1/4" T.&G.				
ROOF - MURPHY IMPROVED SOLID 15 GA. CB. STEEL				
				REVISIONS
				DR TR CH GROUP No. SHEET No.
				3 11



NOTE:-1
 CARS IN SERIES 9000-9499 AND 12000-12999 WHICH WERE CONVERTED FROM 19000-19999 SERIES BUILT BY ILL. CAR & MFG. CO. IN 1923, BUILDERS LOT NO. 110 HAD STEEL SIDES & SIDE DOORS APPLIED AND WERE RENUMBERED 27000-27499 AT N.K.A. FRANKFORT SHOPS 1946 & 1947

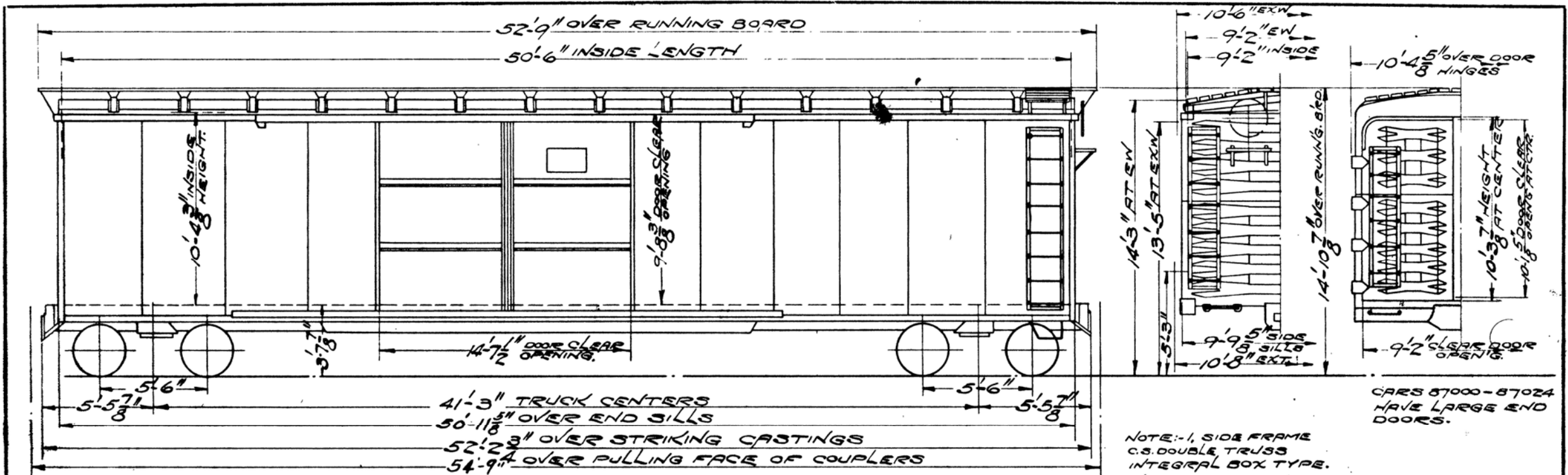
NOTE:-2 THESE CARS EQUIPPED WITH THE FOLLOWING SPRING GROUPINGS.
 AAR COIL 1944 DESIGN 3- OUTER, 3- INNER & 1 HOLLAND STYLE E' VOLUTE 2 1/2" TRAVEL PER NEST.

AAR COIL 1944 DESIGN 3- OUTER, 3- INNER & 1 HOLLAND STYLE E' VOLUTE 2 1/2" TRAVEL PER NEST.

AAR COIL 1944 DESIGN 3- OUTER, 3- INNER & 1- CROD WELL TYPE 'A-A' SNUBBER 2 1/2" TRAVEL PER NEST.

CARS 27300-27499 EQUIPPED WITH UNIVERSAL ROTARY BRAKE ADJUSTER

GENERAL DATA BUILT BY - SEE NOTE:-1 YEAR BUILT - SEE NOTE:-1 CAPACITY LEVEL FULL - CU. FT. - 3908 CAPACITY WITH 10 IN. HEAP CU. FT. AVERAGE LOAD - LBS - 87300 AVERAGE LIGHT WEIGHT - LBS - 48700 BUILDERS REFERENCE - SEE NOTE:-1 CAR SPEC. NO. - SEE NOTE:-1		CENTR. SILL - BUILT UP STEEL F.B. TYPE CENTER SILL AREA - 25.88 SQ. IN. CENTER SILL COVER PLATE - 21" X 1/4" COUPLER - AAR TYPE E 6 1/4" X 8" 30TT. OPER. T.G. COUPLER RELEASE - STANDARD RY. EQPT. BOT. OPER. T.G. DOOR - YOUNGTOWN DOOR FIXTURES - CAMEL DOOR CLEAR HEIGHT - 7'-0" W X 9'-10 7/8" H DRAFT GEAR - AAR APPROVED DRAFT CLARK ATTACHMENT - FARLOW ENDS - HUTCHINS END LOAD RATIO - .0494 FLOORING - 1 3/4" T & G. GENERAL DRAWING OF CAR - NO. 139-11-422 HAND BRAKE - A.J.R. LINING END - 1 3/4" X 5 1/16" T & G. LINING SIDE - 1 5/16" X 3 1/4" T & G. ROOF - MURPHY IMPROVED SOLID STEEL 15 GA. R.B.		SIDE BEARING CENTERS - 5'-0" SHEATHING - .10" STEEL SUPERSTRUCTURE - STEEL UNDERFRAME - STEEL		MISCELLANEOUS		27000-27499 CLASS CARS 40 TON BOX N.K.P. ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO									
CAR BODY DATA A.R. BRAKE MFG. A.R. BRAKE SCHEDULE - 'AB' BODY BOLSTER - BUILT UP STEEL BODY CENTER PLATE - DWG. 134-2-1808 BODY SIDE BEARING - HARDENED STEEL CAR LINES - 1/8" PRESSED Q.B.S. SEAM CARS		TRUCK DATA BOLSTER - CAST STEEL BRAKE BEAM - AAR NO. 15 BR/SE BEAM SAFETY - QRECO 4 POINT CENTER PLATE - CAST INTEGRAL GENERAL DRAWING OF TRUCK NO. JOURNAL - 5" X 9" SIDE BEARING - STUCKI NO. 656 SIDE FRAME - CAST STEEL SPRING - SEE NOTE:-2 WHEELS - AAR 33" DIA. G.I. & I.N.W.S. WEIGHT OF ONE TRUCK CTR. PLT. HGT. - 2'-1 3/4"		REVISIONS <table border="1"> <thead> <tr> <th>DR</th> <th>TR</th> <th>CH</th> <th>GROUP No.</th> <th>SHEET No.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>6B</td> <td>6B</td> <td>3</td> <td>12</td> </tr> </tbody> </table>		DR	TR	CH	GROUP No.	SHEET No.	1	6B	6B	3	12		
DR	TR	CH	GROUP No.	SHEET No.													
1	6B	6B	3	12													



NOTE:-1, SIDE FRAME
C.S. DOUBLE TRUSS
INTEGRAL BOX TYPE.
NOTE:-2 SPRINGS
R.R. 1915 COIL 5 OUTER,
1-R-2-A STABILIZER PER NEST.

CARS 87000-87024
HAVE LARGE END
DOORS.

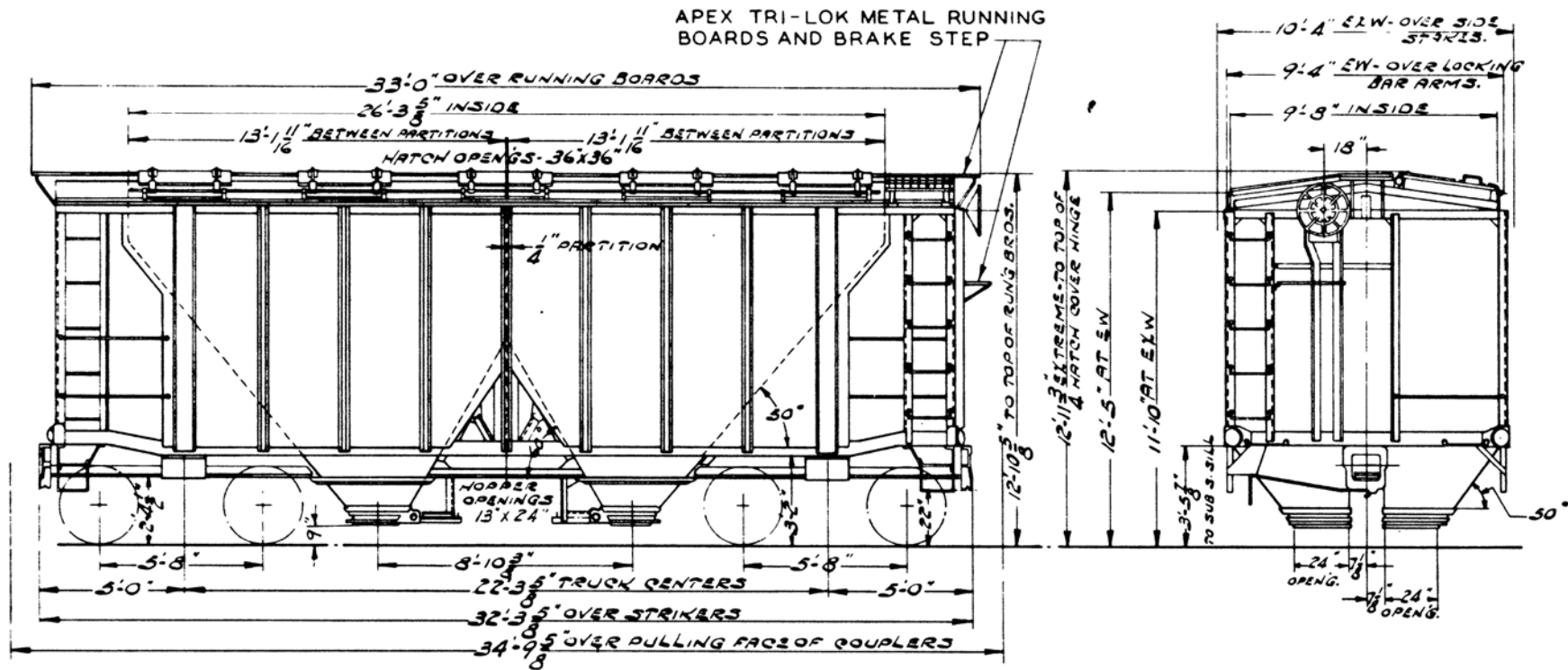
57025-57099	111600	57400
57000-57024	109900	59100
CARS	AVE. LD. LMT.	AVE. LGT. WGT.

GENERAL DATA	
BUILT BY - R.S. CO. COLUMBUS, O.	
YEAR BUILT - JUNE & JULY - 1937	
CAPACITY LEVEL FULL - CU. FT. - 4798	
CAPACITY WITH 10 IN HEAP CU. FT.	
AVERAGE LOAD LIMIT LBS. - SEE TABLE	
AVERAGE LIGHT WEIGHT LBS. - SEE TABLE	
BUILDERS REFERENCE - C-2526	
R. R. SPEC. NO. - 8-CAB	
CAR BODY DATA	
AIR BRAKE MFG - NYAB CO.	
AIR BRAKE SCHEDULE - "AB"	
BODY BOLSTER - BUILT UP STEEL	
BODY CENTER PLATE - DROP FORGED	
BODY SIDE BEARING - AXLE STEEL	
CARLINES - 1/4" PRESSED STEEL	

CENTER SILL - R.R. 40.3 CHANNEL	DOOR - CRECO
CENTER SILL AREA - 29.816 SQ. IN.	DOOR FIXTURES - CRECO
CENTER SILL COVER PLATE - 1/4" X 25 1/2"	DOOR CLEAR OPENING - 9'-8 5/8" X 14'-7 1/2"
COUPLER - R.R. TYPE #6 1/4" X 0" SHANK	DRAFT GEAR - NATIONAL M-17-A
COUPLER RELEASE RIGGING - UNPO. BOTT. OPNG.	DRAFT GEAR ATTACHMENT - C.S. YOKE
ENDS - DREADNAUGHT	ENDS - DREADNAUGHT
END LOAD RATIO - 0.2348	FLOORING - 2 5/8"
FLOORING - 2 5/8"	GENERAL DRAWING OF CAR NO.
GENERAL DRAWING OF CAR NO.	HAND BRAKE - CHAIR VERT. WHEEL
HAND BRAKE - CHAIR VERT. WHEEL	LINING END - 1 5/16"
LINING END - 1 5/16"	LINING SIDE - 1 3/4"
LINING SIDE - 1 3/4"	ROOF - VIRING
ROOF - VIRING	

SIDE BEARING CENTERS - 4'-2"	MISCELLANEOUS
SHEATHING - 1/8" C.B.S.	
SUPERSTRUCTURE - STEEL	
UNDERFRAME - STEEL	
TRUCK DATA	
BOLSTER - C.S. DOUBLE TRUSS	
BRAKE BEAM - R.R. NO. 15	
BRAKE BEAM SAFETY - CRECO 4 POINT	
CENTER PLATE - INTEGRAL	
GENERAL DRAWING OF TRUCK NO.	
JOURNAL - 5 1/2" X 10"	
SIDE BEARING - POCKET & SHOE	
SIDE FRAME - SEE NOTE:-1	
SPRING - SEE NOTE:-2	
WHEELS - 33" W.S.I.W.	
WEIGHT OF ONE TRUCK - 7300#	
CENTER PLATE HEIGHT - 2'-1 3/4"	

CLASS	87000-87099
CARS	
50-TON AUTO.	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JULY 23, 1937	
REVISIONS	
DR	TR
CH	GROUP NO.
SHEET NO.	
JGB	2
CMs	9



GENERAL DATA	
BUILT BY -	A. C. & P. CO. BERWICK, PA
YEAR BUILT -	AUG. 1941
CAPACITY - FULL CU. FT. -	1790
CAPACITY WITH 12 IN. HEAD CU. FT. -	
AVERAGE LOAD LIMIT - LBS.	156,500
AVERAGE LIGHT WEIGHT - LBS.	53,500
BUILDERS REFERENCE -	LOT 2297
D. P. SPEC. NO.	
CAR BODY DATA	
AIR BRAKE MFG. -	WAB. CO.
AIR BRAKE SCHEDULE -	AB 10" X 12"
BODY BOLSTER -	BUILT UP STEEL
BODY CENTER PLATE -	DROP FORGED
BODY SIDE BEARING -	HARDENED STEEL
ANGLES -	3" X 3" X 1/4" ANGLES

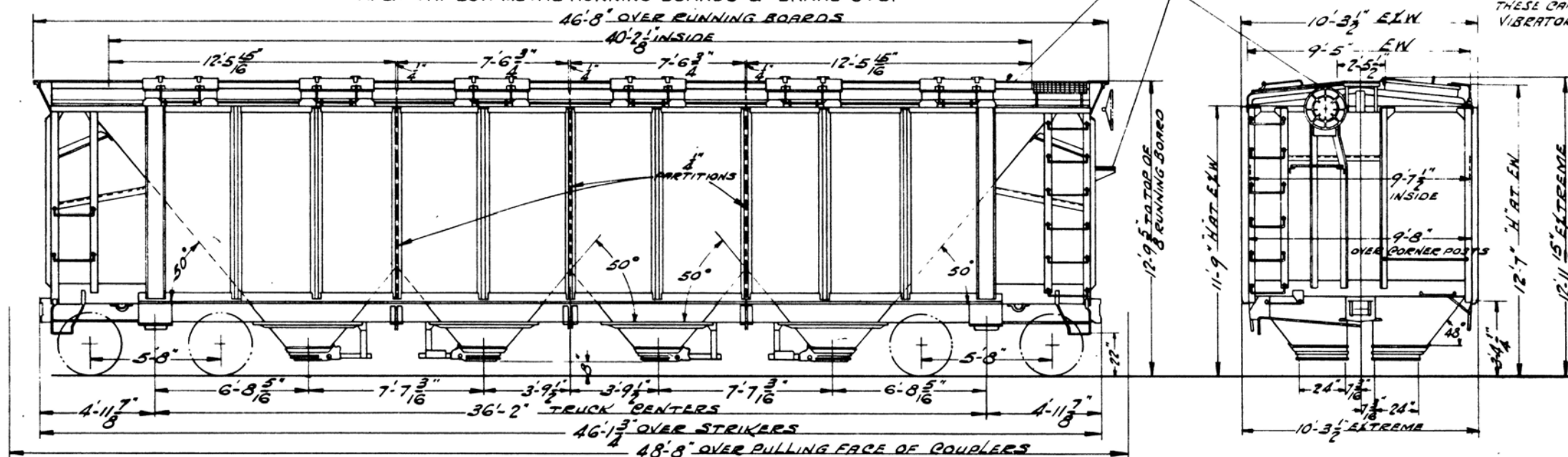
CENTER SILL -	2 - 13" 35 LB. CHANNELS
CENTER SILL AREA -	25.29 SQ. IN.
CENTER SILL COVER PLATE -	3/8" X 12 7/8"
COUPLER -	ARR TYPE "E" SWIVEL SHANK
COUPLER BELT RING NO. -	STD. R. EQPT. CO. BOX. OPERTG.
DOOR -	ENTERPRISE
DOOR FIXTURES -	ENTERPRISE
DOOR CLEAR OPENING -	SEE DIAGRAM
DRAFT GEAR -	MINER A-22-XB
DRAFT GEAR ATTACHMENT -	C.S. YOKE
ENDS	
END LOAD RATIO	
FLOORING -	1/4" C.S. STEEL
GENERAL DRAWING OF CAR -	NO
HAND BRAKE -	AJAX
LINING END	
LINING SIDE	
ROOF -	1/8" C.B. STEEL

SIDE BEARING CENTERS -	4'-2"
SHEATHING -	3/16" C.B. STEEL
SUPERSTRUCTURE -	STEEL
UNDERFRAME -	STEEL
TRUCK DATA	
BOLSTER -	C.S. DOUBLE TRUSS
BRAKE BEAM -	ARR NO. 3
BRAKE BEAM SAFETY -	CRACO-4-POINT
CENTER PLATE -	CAST INTEGRAL
GENERAL DRAWING OF TRUCK NO.	
JOURNAL -	6" X 11"
SIDE BEARING -	STUCKI-ROLLER TYPE
SIDE FRAME -	C.S. DOUBLE TRUSS INTEGRAL BOX
SPRING -	SEE NOTE - 1
WHEELS -	ARR 33" DIA. C.S. SINGLE PLT. 850#
WEIGHT OF ONE TRUCK	
CTR. PLT. HGT. -	2'-13 1/4"

MISCELLANEOUS	
NOTE - 1.	SYMINGTON COIL ELLIPSPRINGS
	4 OUTER, 4 INNER COILS AND
	1 FULL ELLIPTIC PER NEST.

99500-99509	
CLASS	CARS
70 TON DRY BULK	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO	
REVISIONS	
DR	TR
CH	GROUP No.
68	68
MS	14
	SHEET No.
	1

APEX TRI-LOK METAL RUNNING BOARDS & BRAKE STEP



NOTE - 2
THESE CARS EQUIPPED WITH
VIBRATOR CASTINGS.

HATCH OPENINGS 3'-0" X 3'-0"
HOPPER OPENINGS 13' X 24"

THESE CARS EQUIPPED WITH ROYAL TYPE "F" FOUNDATION BRAKE GEAR REGULATOR

GENERAL DATA	
BUILT BY - HARLAN & HOLLGERSWORTH WILMGTN. DEL.	
YE. BUILT - SEPT. 1946 TO JAN. 1947	
CAPACITY LEVEL FULL - CU. FT. - 3050	
CAPACITY WITH 10 IN. HEAP CU. FT.	
AVERAGE LOAD LIMIT - LBS. - 144500	
AVERAGE LIGHT WEIGHT - LBS. - 65500	
BUILDERS REFERENCE - C-51	
R. R. SPEC. NO. - 4CHBC	
CAR BODY DATA	
AIR BRAKE MFG. - WAB CO.	
AIR BRAKE SCHEDULE - "AB"	
BODY BOLSTER - BUILT UP STEEL	
BODY CENTER PLATE - DROP FORGED	
BODY SIDE BEARING - DROP FORGED	
CAR LINES - 3" X 3" X 1/4" CBS ANGLES	

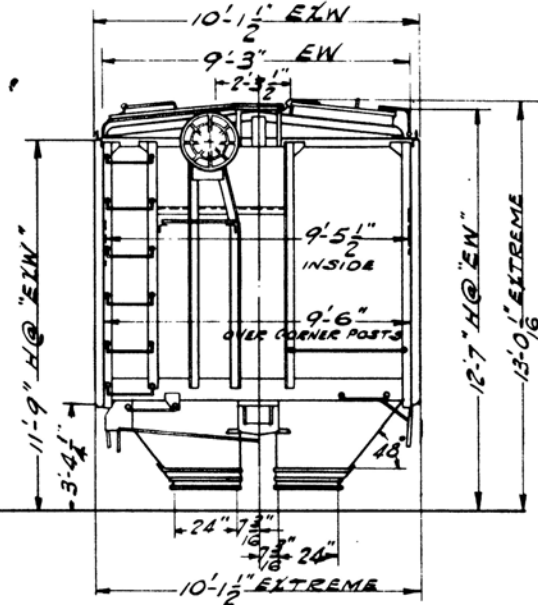
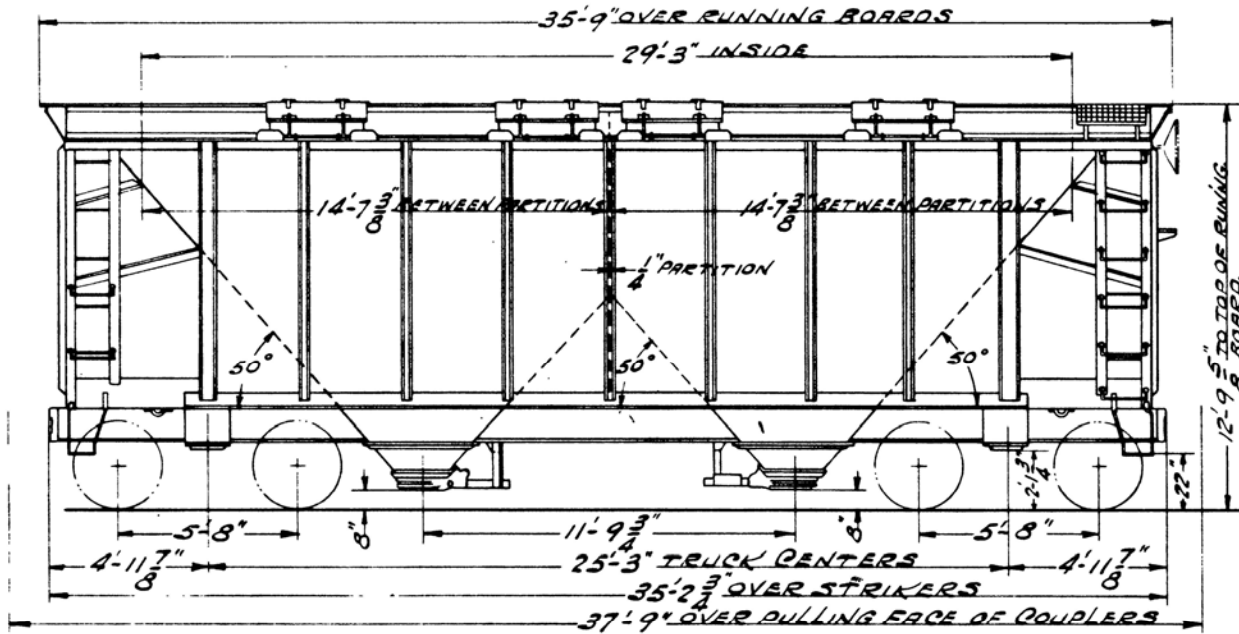
CENTER SILL - 2 BAR 2 3/8 SEC. @ 41.2 LBS
CENTER SILL AREA - 24.24 SQ. IN.
CENTER SILL COVER PLATE
COUPLER - AAR TYPE E 6 1/4 X 8 BOTT. OPER. T.G.
COUPLER RELEASE RIGGING - STARY. EQPT. BOTT. OPER. T.G.
DOOR - ENTERPRISE
DOOR FIXTURES - ENTERPRISE
DOOR CLEAR OPENING - HATCH 36' X 36', HOPPER 13' X 24"
DRAFT GEAR - WAUGH 403
DRAFT GEAR ATTACHMENT - C.S. YOKE
ENDS
END LOAD RATIO - .0461
FLOORING - 1/4" Q&S STEEL
GENERAL DRAWING OF CAR - NO
HAND BRAKE - AJAX
LINING END
LINING SIDE
ROOF - 1/4" Q&S STEEL

SIDE BEARING CENTERS - 4'-2"	
SHEATHING - 3/16" CS STEEL	
SUPERSTRUCTURE - STEEL	
UNDERFRAME - STEEL	
TRUCK DATA	
BOLSTER - CAST STEEL FOR NATIONAL B-1	
BRAKE BEAM - AAR NO. 3	
BRAKE BEAM SAFETY - CAST INTEGRAL TO S. FRAME	
CENTER PLATE - CAST INTEGRAL	
GENERAL DRAWING OF TRUCK NO	
JOURNAL - 6" X 11"	
SIDE BEARING - STUCKI ROLLER NO. 656-C	
SIDE FRAME - CAST STEEL FOR NAT. B-1	
SPRING - SEE NOTE - 1	
WHEELS - AAR 33" DIA. MULTIPLE WEAR	
WEIGHT OF TRUCK - 9160	
CTR. PLT. HGT. - 2'-13/4"	

MISCELLANEOUS	
NOTE - 1	SPRINGS
	TRIPLE COIL 2 1/2" TRAVEL
	FOR NATIONAL B-1 TRUCKS, 3-
	OUTER, 5-INNER, & 5-INNER
	PER NEST.

CLASS		90000-90049	
CARS		70 TON DRY BULK	
N.K.P.			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO DEC. 28, 1946			
REVISIONS			
DR	TR	CH	
JGB	JGB	MS	
GROUP No.		SHEET No.	
11		10	

APEX TRI-LOK METAL RUNNING BOARDS AND BRAKE STEPS

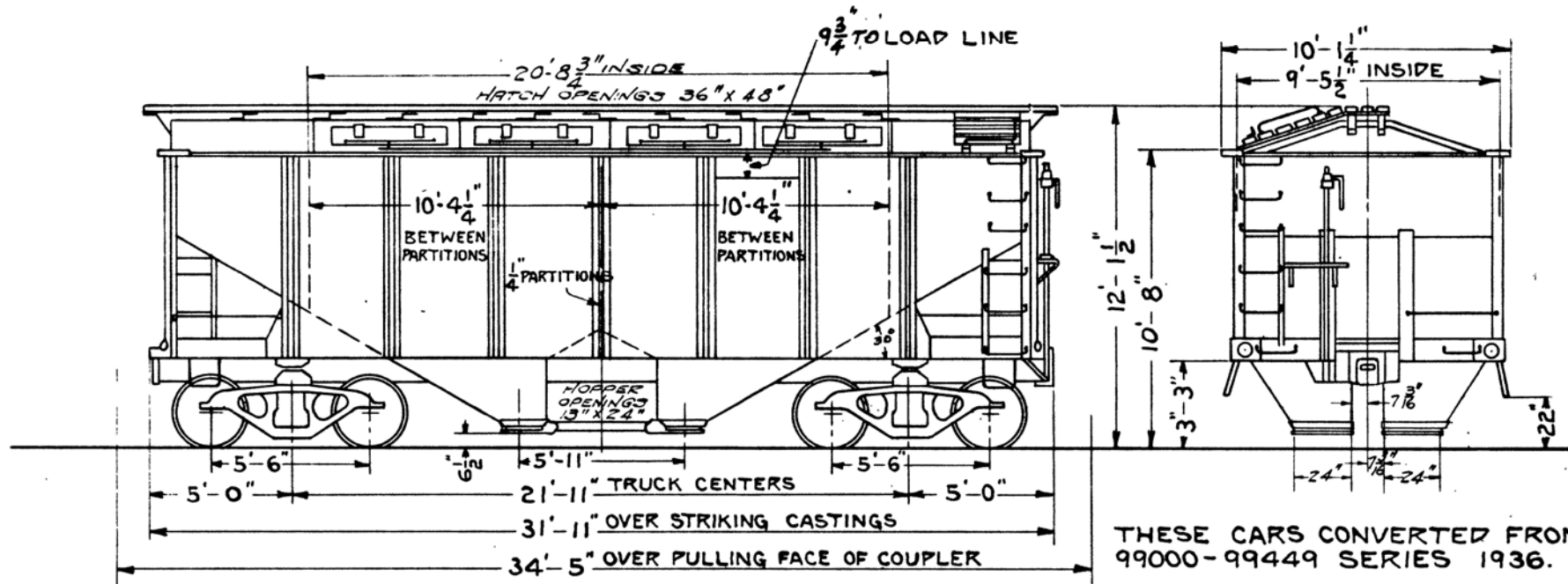


NOTE: 2 THESE CARS EQUIPPED WITH VIBRATOR CASTINGS.

THESE CARS EQUIPPED WITH ROYAL TYPE "F" FOUNDATION BRAKE GEAR REGULATOR

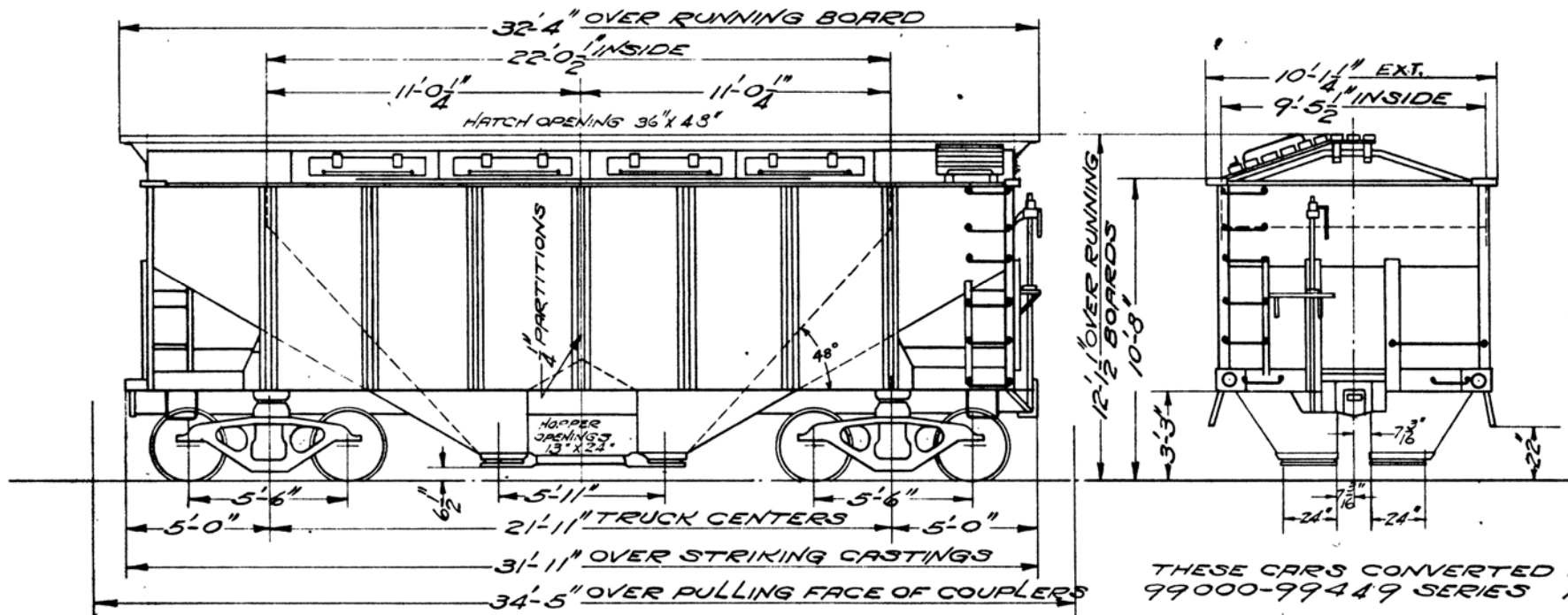
GENERAL DATA		TRUCK DATA		MISCELLANEOUS		CLASS			
BUILT BY - HARLAN & HOLLGSWETH, WILMINGTON, DEL.		CENTER SILL - 2 AAR 2-26 SEC. @ 41.2 LBS PER FT.		SIDE BEARING CENTERS - 4'-2"		91000 - 91049			
YEAR BUILT - JAN. TO MAR. 1947		CENTER SILL AREA - 24.24 SQ. IN.		SHEATHING - 3/16" CB STEEL		CARS			
CAPACITY LEVEL FULL - CU. FT. - 1938		C - CENTER SILL COVER PLATE		SUPERSTRUCTURE - STEEL		70 TON DRY BULK			
CAPACITY WITH 10 IN. HEAP CU. FT.		COUPLER - PART TYPE "E" 6 1/4" X 8" BOT. OPERTG.		UNDERFRAME - STEEL		N.K.P. ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO 3-12-47			
AVERAGE LOAD LIMIT - LBS - 156500		COUPLER RELEASE RIGGING - STD. RY. EQPT. BOT. OPERTG.		NOTE: - 1 SPRINGS					
AVERAGE LIGHT WEIGHT - LBS - 33500		DOOR - ENTERPRISE		TRIPLE COIL 2 1/2" TRAVEL FOR NATIONAL B-1 TRUCKS, 5 OUTER, 5 INTER. AND 5 INNER PER NEST.		REVISIONS			
BUILDERS REFERENCE - C-50		DOOR FIXTURES - ENTERPRISE				DR	TR	CH	GROUP No.
R R SPKG NO - 3 CHBC		DOOR CLEAR OPENING - MATCH 36" X 36" HOPPER 18" X 24"		GENERAL DRAWING OF TRUCK NO.		JG8	JG8	11	11
CAR BODY DATA		DRAFT GEAR - WAUGH 403		JOURNAL - 6" X 11"					
A/R BRAKE MFG - W.A.B. Co.		DRAFT GEAR ATTACHMENT - G.S. YOKE		SIDE BEARING - STUCKI ROLLER NO. 656-C					
AIR BRAKE SCHEDULE - "AB" 10X12"		ENDS		SIDE FRAME - C STEEL FOR NATIONAL B-1					
BODY BOLSTER - BUILT UP STEEL		END LOAD RATIO - .0461		SPRING - SEE NOTE: 1					
BODY CENTER FLAT - DROP FORGED		FLOORING - 1/4" CB STEEL		WHEELS - AAR 53" DIA. MULTIPLE WEAR					
BODY SIDE BEARING - DROP FORGED		GENERAL DRAWING OF CAR NO.		WEIGHT OF ONE TRUCK - 9220 LBS.					
CAR LINES - 3" X 3" X 1/4" ANGLES		HAND BRAKE - AJAX		GTR. PLT. HGT. 2'-13 1/4"					

NOTE:-1
 CARS 99621-99629 WELDED FOR HANDLING
 SODA ASH.



THESE CARS CONVERTED FROM
 99000-99449 SERIES 1936.

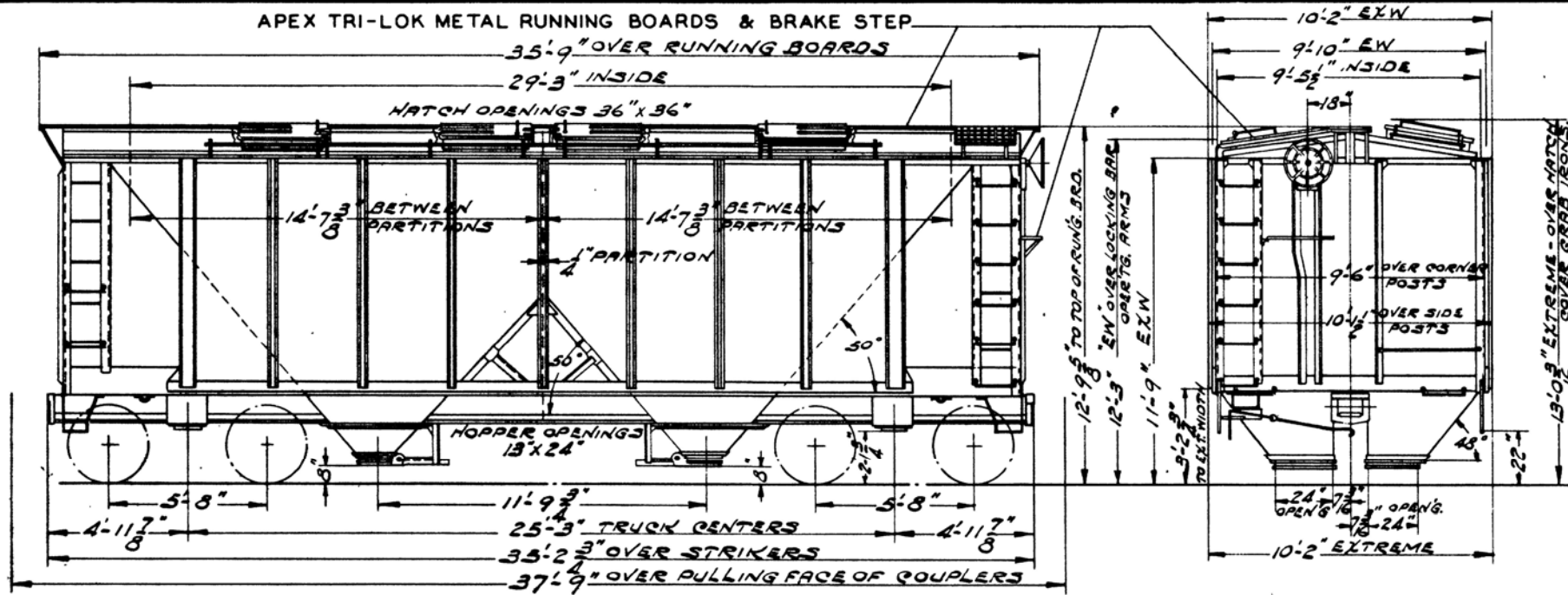
GENERAL DATA BUILT BY STANDARD STEEL CAR CO. YEAR BUILT 1919 CAPACITY LEVEL FULL-CU. FT. CAPACITY TO LOAD LINE 1321 CU. FT. AVERAGE LOAD LIMIT LBS. 124100 AVERAGE LIGHT WEIGHT- LBS. 44900 BUILDERS REFERENCE R R SPEC NO.		CENTER SILL 2-12"-39.5" SH. CHAN. CENTER SILL AREA 24.01 SQ. IN. CENTER SILL COVER PLATE 12 1/2" X 3/16" COUPLER A.A.R. TYPE D 6" X 8" SHANK COUPLER RELEASE RIGGING CARMER DOOR SLIDING DOOR FIXTURES ENTERPRISE DOOR CLEAR OPENING 13" X 24" X 36" X 48" DRAFT GEAR WESTHSE, SESSIONS & CARDWELL DRAFT GEAR ATTACHMENT CAST STEEL YOKE ENDS PLAIN STEEL 3/16" END LOAD RATIO .005 FLOORING 1/4" STEEL PLATE GENERAL DRAWING OF CAR NO. HAND BRAKE BLACKALL RATCHET LINING END - LINING SIDE - ROOF STEEL - 1/8" PLT.		SIDE BEARING CENTERS 4'-2" SHEATHING 1/4" STEEL PLATE SUPERSTRUCTURE STEEL UNDERFRAME STEEL ROOF HATCH OPENING 36" X 48" TRUCK DATA BOLSTER CAST STEEL BRAKE BEAM NO 2 BRAKE BEAM SAFETY CRECO 3-POINT CENTER PLATE CAST INTEGRAL GENERAL DRAWING OF TRUCK NO. JOURNAL 5 1/2" X 10" SIDE BEARING ROLLER SIDE FRAME CAST STEEL-ANDREWS SPRING A.A.R. STD. TYPE-D WHEELS 33" DIA. CAST IRON WEIGHT OF ONE TRUCK CENTER PLATE HEIGHT- 2'-1 3/4"		MISCELLANEOUS SEE NOTE:-1 99605-99629 CLASS CARS 50-TON DRY BULK N.K.P. ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JULY 1, 1936 REVISIONS DR TR CH GROUP NO. SHEET NO. E.L.W. FOG 71 2	
CAR BODY DATA AIR BRAKE MFG W.A.B.CO. AIR BRAKE SCHEDULE KD-1012 BODY BOLSTER BUILT UP STEEL BODY CENTER PLATE DROP FORGED OR C.S. PATT.A-75 BODY SIDE BEARING PLATE CARLINES 3 1/2" X 2 1/2" X 3/8" L							



THESE CARS CONVERTED FROM
99000-99449 SERIES 1936

GENERAL DATA		MISCELLANEOUS	
BUILT BY - STANDARD STEEL CAR CO.	CENTER SILL - 2-12"-34.5# SH. CHAN.	SIDE BEARING CENTERS - 4'-2"	99630-99639
YEAR BUILT - 1919	CENTER SILL AREA - 24.01 SQ. IN.	SHEATHING - 1/4" STEEL PLATE	
CAPACITY LEVEL FULL - CU. FT. - 1308	CENTER SILL COVER PLATE - 12 1/2" X 5/16"	SUPERSTRUCTURE - STEEL	
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER - R.R. TYPE "D" 6" X 8" SHANK	UNDERFRAME - STEEL	
AVERAGE LOAD LIMIT - LBS. - 12,300	COUPLER RELEASE RIGGING - CARMER		
AVERAGE LIGHT WEIGHT - LBS. - 47700	DOOR - SLIDING		
BUILDERS REFERENCE	DOOR FIXTURES - ENTERPRISE	TRUCK DATA	
R. R. SPEC. NO.	DOOR CLEAR OPENING - 13" X 24" X 36" X 48"	BOLSTER - CAST STEEL	
	DRAFT GEAR - WESTHOUSE JOSSONS & CARD.	BRAKE BEAM - No. 2	
	DRAFT GEAR ATTACHMENT - CAST STEEL YOKE	BRAKE BEAM SAFETY - CRECO 3 POINT	
	ENDS - PLAIN STEEL 3/16"	CENTER PLATE - CAST INTEGRAL	
	END LOAD RATIO - .005	GENERAL DRAWING OF TRUCK NO.	
	FLOORING - 1/4" STEEL PLATE	JOURNAL - 5 1/2" X 10"	
	GENERAL DRAWING OF CAR NO.	SIDE BEARING - ROLLER	
CAR BODY DATA	HAND BRAKE - BLACKALL RATCHET	SIDE FRAME - G.S. ANDREWS	
AIR BRAKE MFG. - WAB. CO.	LINING END -	SPRING - R.R. STD. TYPE - D	
AIR BRAKE SCHEDULE - KD-1012	LINING SIDE -	WHEELS - 33" DIA. CAST IRON	
BODY BOLSTER - BUILT UP STEEL	ROOF - 1/8" STEEL PLATE	WEIGHT OF ONE TRUCK	
BODY CENTER PLATE - D.F. OR G.S. PATT. R-995		CENTER PLATE HEIGHT - 2'-13 1/4"	
BODY SIDE BEARING - PLATE			
CARLINES - 3 1/2" X 2 1/2" X 3/8" ANGLE			

CLASS		CARS	
-50 TON DRY BULK			
N.K.P.			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO			
JAN. 20, 1937			
REVISIONS			
DR	TR	CH	GROUP NO.
JG.B.		C.M.S.	11
			3



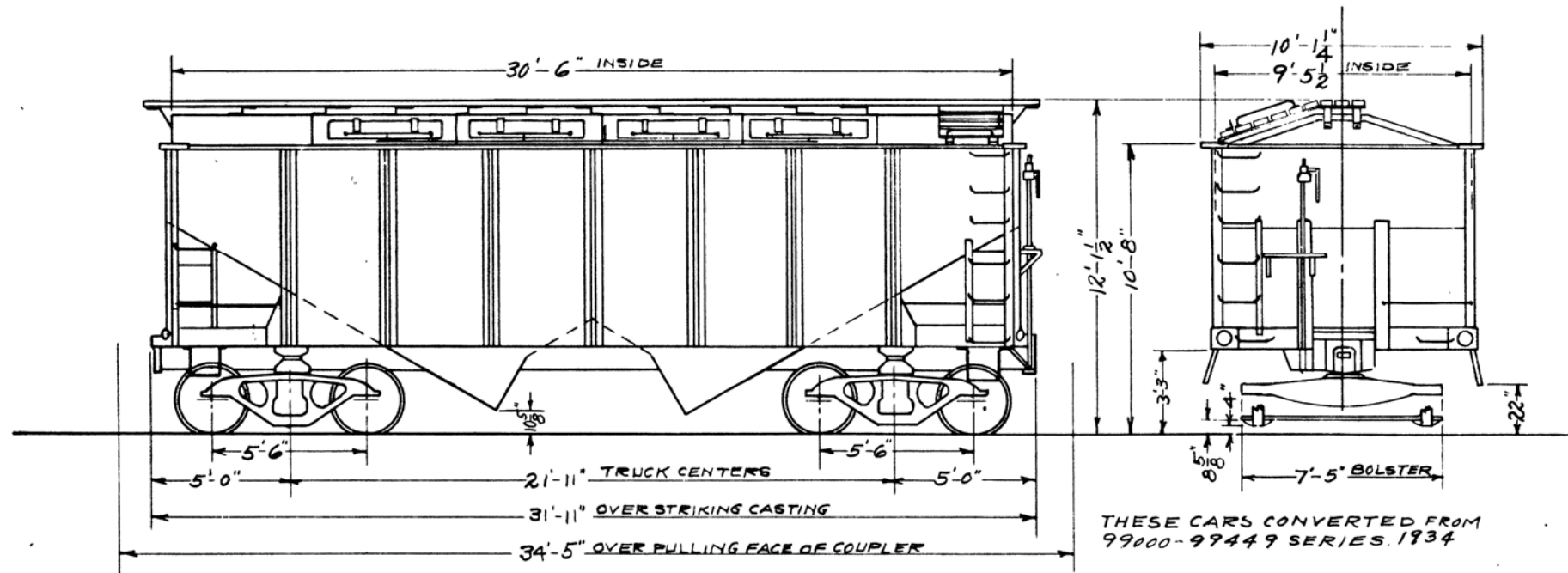
GENERAL DATA	
BUILT BY -	AC & F Co. MADISON, ILL.
YEAR BUILT -	MAR. & APRIL 1942
CAPACITY LEVEL FULL -	CU. FT. - 1958
CAPACITY WITH 10 IN. HEAP CU. FT.	
AVERAGE LOAD LIMIT -	LBS. - 157600
AVERAGE LIGHT WEIGHT -	LBS. - 32400
BUILDERS REFERENCE -	LOT 2438
R. R. SPEC. NO. -	3 CHBC
CAR BODY DATA	
AIR BRAKE MFG -	W. A. B. Co.
AIR BRAKE SCHEDULE -	AB 10X12"
BODY BOLSTER -	BUILT UP STEEL
BODY CENTER PLATE -	DROP FORGED
BODY SIDE BEARING -	HARDENED STEEL
CARLINES -	3" X 3" X 1/4" ANGLES

CENTER SILL -	2-12" 35 LB. PER FT. CHANNELS
CENTER SILL AREA -	25.29 SQ. IN.
CENTER SILL COVER PLATE -	12 7/8" X 3/8"
COUPLER -	AAR TYPE E 6 1/4" X 8" BOT. OPERTS.
COUPLER RELEASE RIGGING -	STD. RY EQPT. Co. BOT. OPERTS.
DOOR HOPPER -	ENTERPRISE
DOOR FIXTURES -	HOPPER - ENTERPRISE
DOOR CLEAR OPENING -	HATCH 36" X 36", HOPPER 13" X 24"
DRAFT GEAR -	CARD. WEST GHS. NY-11-E
DRAFT GEAR ATTACHMENT -	C.S. YOKE
ENDS	
E'ND LOAD RATIO -	.0541
FLOORING -	1/4" CB STEEL
GENERAL DRAWING OF CAR -	NO.
HAND BRAKE -	AJAX
LINING END	
LINING SIDE	
ROOF -	1/8" CB STEEL

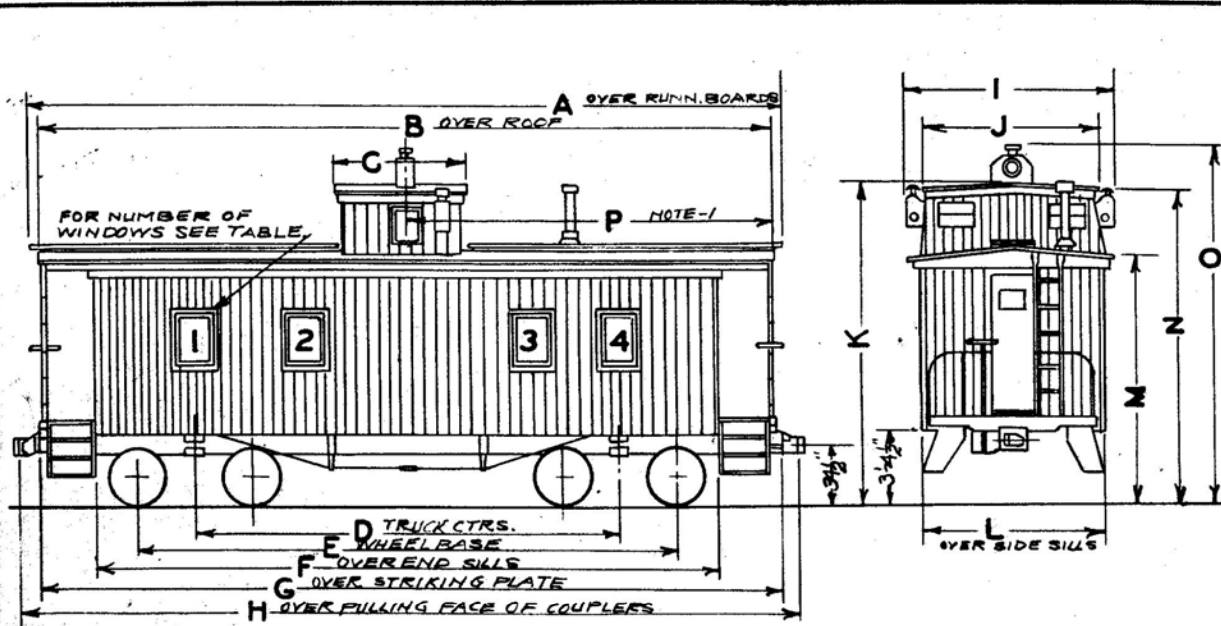
SIDE BEARING CENTERS -	4'-2"
SHEATHING -	3/16" C.B. STEEL
SUPERSTRUCTURE -	STEEL
UNDERFRAME -	STEEL
TRUCK DATA	
BOLSTER -	C.S. DOUBLE TRUSS
BRAKE BEAM -	AAR NO. 3
BRAKE BEAM SAFETY -	GRECO 4 POINT
CENTER PLATE -	CAST INTEGRAL
GENERAL DRAWING OF TRUCK NO.	
JOURNAL -	6" X 11"
SIDE BEARING -	STUCKI ROLLER TYPE
SIDE FRAME -	C.S. DOUBLE TRUSS INTEGRAL BOX
SPRING -	SEE NOTE:-1
WHEELS -	AAR 33" DIA. Q. I. SINGLE PLT 350# CHILLED TREADS
WEIGHT OF ONE TRUCK -	9200 #
QTR. PLT. HGT. -	2'-13/4"

MISCELLANEOUS	
NOTE:-1	- SPRINGS -
	AAR COIL 1913 DESIGN B-OUTER,
	5-INNER & 1 SIMPLEX UNIT TYPE
	SNUBBER PER NEST.

99833-99857			
CLASS	CARS		
70 TON DRY BULK			
N.K.P.			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO FEB. 17, 1942			
REVISIONS			
4-24			
44			
DR	TR	CH	
1-6B	1-6B	04	
GROUP No.		SHEET No.	
11		8	

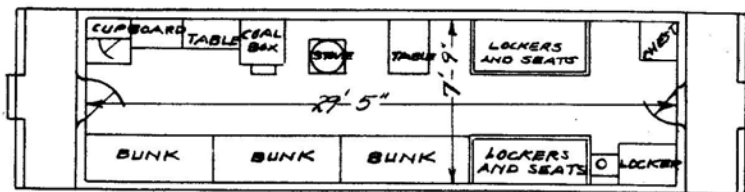
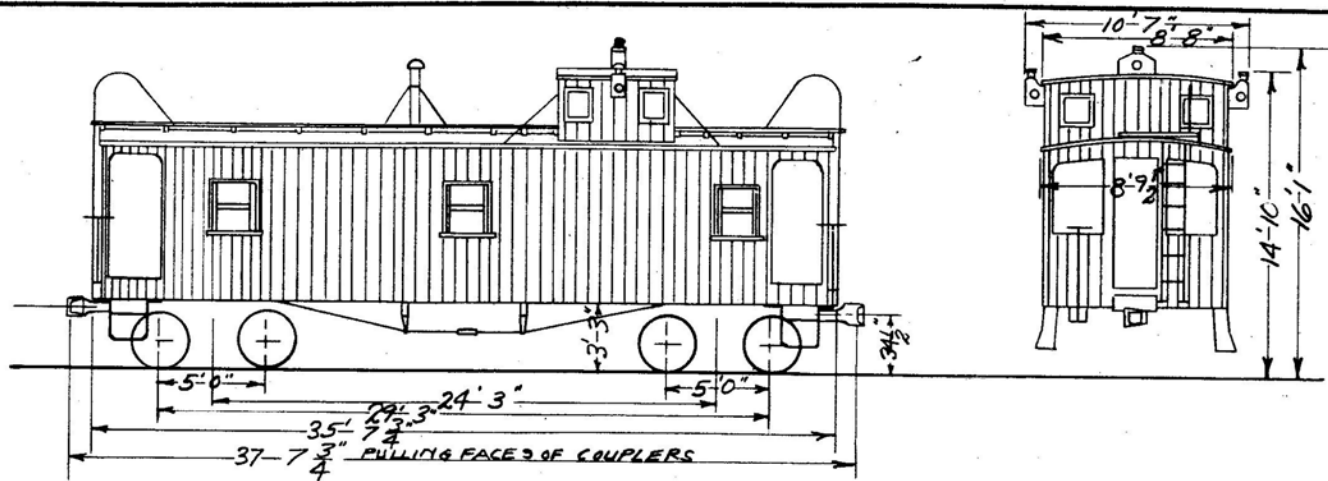


GENERAL DATA		MISCELLANEOUS											
BUILT BY STANDARD STEEL CAR CO.	CENTER SILL - 2-12"-34.5# SH. CHAN.	SIDE BEARING CENTERS - 4'-2"	<p>CLASS 99950-99959</p> <p>CARS</p> <p>50 TON DRY BULK</p> <p>N.K.P.</p> <p>ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JUNE 27, 1934</p> <p>REVISIONS</p> <table border="1"> <tr> <td>DR</td> <td>TR</td> <td>CH</td> <td>GROUP NO</td> <td>SHEET NO</td> </tr> <tr> <td>L</td> <td>H</td> <td>M</td> <td>11</td> <td>9</td> </tr> </table>	DR	TR	CH	GROUP NO	SHEET NO	L	H	M	11	9
DR	TR	CH		GROUP NO	SHEET NO								
L	H	M		11	9								
YEAR BUILT - 1919	CENTER SILL AREA - 24.01 SQ. IN.	SHEATHING 1/4" STEEL PLATE											
CAPACITY LEVEL FULL CU. FT. 2069	CENTER SILL COVER PLATE 12 1/2" X 3/16"	SUPERSTRUCTURE - STEEL											
CAPACITY WITH 10 IN. HEAP CU. FT. —	COUPLER ARA TYPE 'D' 6X8" SHANK	UNDERFRAME - STEEL											
AVERAGE LOAD LIMIT LBS. —	COUPLER RELEASE RIGGING - CARMER												
AVERAGE LIGHT WEIGHT LBS. 44040	DOOR - PRESSED STEEL	TRUCK DATA											
BUILDERS REFERENCE —	DOOR FIXTURES - ENTERPRISE	BOLSTER CAST STEEL											
R. R. SPEC. NO. —	DOOR CLEAR OPENING —	BRAKE BEAM No. 2											
	DRAFT GEAR - WESTINGHOUSE, SESSONS & CAROWEL	BRAKE BEAM SAFETY CRECO 3-POINT											
	DRAFT GEAR ATTACHMENT - CAST STEEL YOKE	CENTER PLATE CAST INTEGRAL											
	ENDS - PLAIN STEEL - 3/16"	GENERAL DRAWING OF TRUCK NO —											
	END LOAD RATIO, .055	JOURNAL 5 1/2" X 10"											
CAR BODY DATA	FLOORING 1/4" STEEL PLATE	SIDE BEARING ROLLER											
AIR BRAKE MFG - W.A.B. CO.	GENERAL DRAWING OF CAR NO. —	SIDE FRAME CAST STEEL-ANDREWS											
AIR BRAKE SCHEDULE - KD-1012	HAND BRAKE BLACKALL RATCHET	SPRING A.R.A. STD. TYPE-D											
BODY BOLSTER - BUILT UP STEEL	LINING END —	WHEELS 33" DIA. - CAST IRON											
BODY CENTER PLATE DROP FORGED OR C.S. PAT. 498	LINING SIDE —	WEIGHT OF ONE TRUCK —											
BODY SIDE BEARING PLATE	ROOF - STEEL	CENTER PLATE HEIGHT - 2'-13/4"											
CAR LINES - 3 1/4" X 2 1/2" X 3/8"													



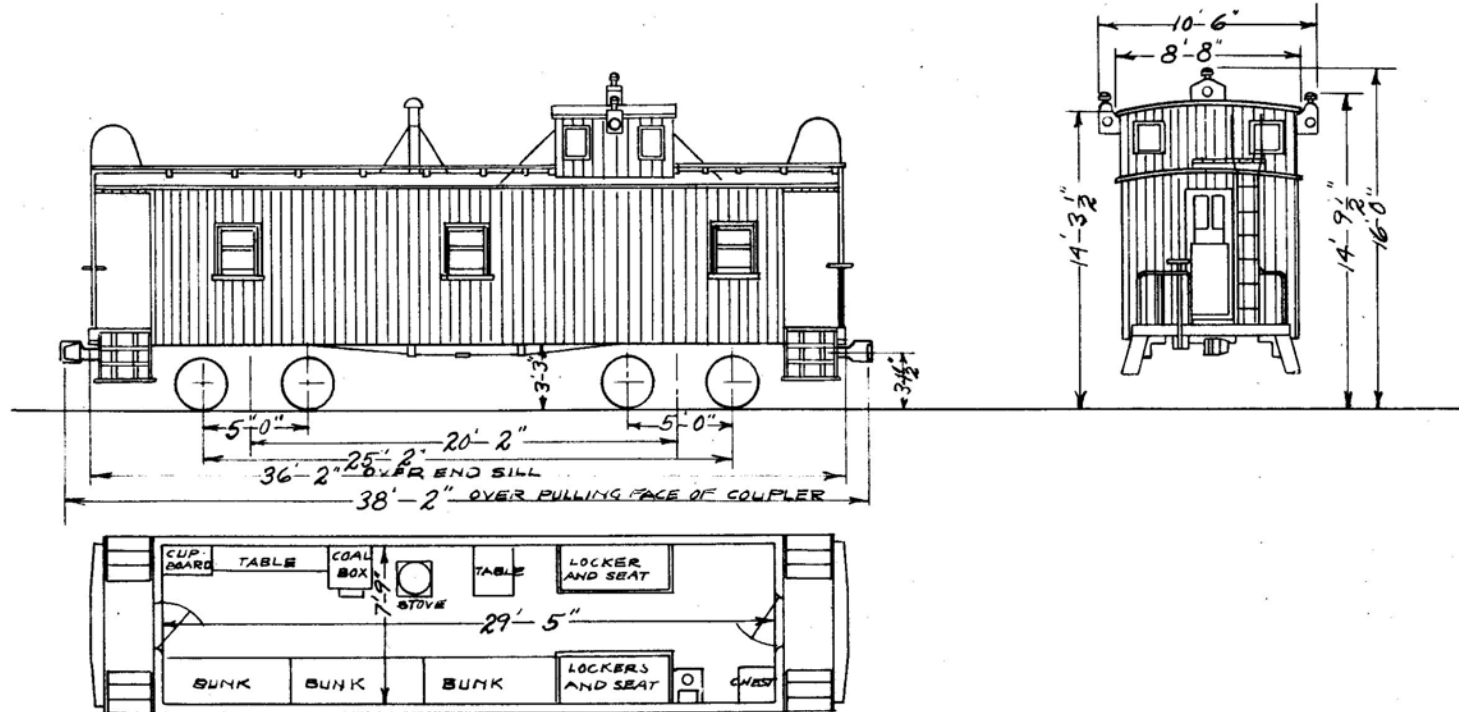
WIN. DOORS	KIND OF TRUCK	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A	SIZE OF JOURNAL	CARS
1-2	S.M.	—	16'-2"	14'-6"	10'-10"	9'-0"	14'-10"	8'-5"	10'-0"	37'-0"	35'-2"	30'-0"	24'-10"	20'-0"	6'-2"	34'-3"	35'-7"	4 1/2" x 8"	49, 117, 118, 120
1-2	S.M.	—	16'-3"	14'-6"	10'-10"	9'-1"	14'-11"	8'-5"	10'-0"	37'-2"	35'-4"	30'-1"	24'-11"	20'-1"	6'-2"	34'-4"	35'-8"	4 1/2" x 8"	46
1-2	S.M.	11'-7"	—	—	11'-0"	8'-5"	14'-9"	8'-7"	—	36'-10"	35'-0"	29'-9"	24'-6"	19'-9"	5'-6"	34'-0"	35'-4"	4 1/2" x 8"	56
1-2	S.M.	—	16'-2 1/2"	14'-4"	11'-0"	8'-6 1/2"	14'-11"	8'-6"	9'-9"	36'-10"	35'-0"	29'-9"	28'-4"	19'-9"	5'-6"	33'-11"	35'-3"	4 1/2" x 8"	60
1-2	—	—	16'-3 1/2"	14'-5 1/2"	10'-9"	9'-0"	14'-9 1/2"	8'-5"	9'-11"	33'-1"	31'-3"	26'-0"	20'-10"	16'-0"	6'-2"	30'-3"	31'-7"	4 1/2" x 8"	61, 96, 104, 116, 135, 144
1-2	—	—	16'-4"	14'-7"	11'-1"	8'-4"	15'-3"	8'-5"	9'-10"	37'-0"	35'-2"	30'-0"	25'-2"	20'-4"	5'-4"	34'-2"	35'-6"	4 1/2" x 8"	63, 66
1-2	S.M.	—	15'-7"	14'-7"	11'-1"	8'-4"	15'-3"	8'-5"	9'-10"	37'-0"	35'-2"	30'-0"	25'-2"	20'-4"	5'-6"	34'-2"	35'-6"	4 1/2" x 8"	68
1-3	S.M.	—	16'-3"	14'-6"	10'-11"	9'-0"	15'-0"	8'-5"	9'-10"	33'-0"	31'-2"	26'-0"	20'-10"	16'-0"	6'-2"	30'-3"	31'-7"	4 1/2" x 8"	88
1-2	S.M.	—	16'-2"	14'-6"	10'-10"	9'-0"	14'-10"	8'-5"	9'-10"	36'-11"	35'-2"	30'-0"	24'-10"	20'-0"	6'-2"	34'-3"	35'-7"	4 1/2" x 8"	90, 100, 137
1-2	S.M.	—	16'-0"	14'-6"	10'-10"	9'-0"	14'-8"	8'-5"	9'-10"	33'-0"	31'-2"	26'-0"	20'-10"	16'-0"	6'-2"	30'-2"	31'-6"	4 1/2" x 8"	94
1-2	S.M.	—	16'-4"	14'-7"	10'-11"	9'-1"	15'-1"	8'-6"	10'-0"	37'-1"	35'-5"	30'-2"	25'-2"	20'-3"	6'-2"	34'-5"	35'-9"	4 1/2" x 8"	99
1-2	—	—	16'-3 1/2"	14'-5 1/2"	10'-9"	9'-0"	14'-9 1/2"	8'-5"	9'-11"	33'-1"	31'-3"	26'-0"	20'-8"	16'-0"	6'-2"	30'-3"	31'-7"	3 3/4" x 7"	100, 106
1-2	RIGID	11'-2"	16'-3 1/2"	14'-5 1/2"	10'-9"	9'-0"	14'-9 1/2"	8'-5"	9'-11"	33'-1"	31'-3"	26'-0"	20'-8"	16'-0"	6'-2"	30'-3"	31'-7"	3 3/4" x 7"	113, 114, 119, 123, 132, 133, 136, 139
1-3	S.M.	—	16'-1 1/2"	14'-6"	10'-10"	9'-0"	14'-9 1/2"	8'-5"	9'-10"	33'-0"	31'-2"	26'-0"	20'-10"	16'-0"	6'-2"	30'-2"	31'-6"	4 1/2" x 8"	112
1-3	RIGID	11'-2"	16'-1 1/2"	14'-5"	10'-9"	9'-0"	14'-9"	8'-4"	9'-10"	33'-0"	31'-2"	26'-0"	20'-8"	16'-1"	6'-2"	30'-2"	31'-6"	3 3/4" x 7"	110
1-3	RIGID	11'-2"	16'-3 1/2"	14'-5 1/2"	10'-9"	9'-0"	14'-9 1/2"	8'-5"	9'-11"	33'-1"	31'-3"	26'-0"	20'-8"	16'-0"	6'-2"	30'-3"	31'-7"	3 3/4" x 7"	111, 139, 141, 142
1-3	—	—	16'-3 1/2"	14'-6"	10'-10"	9'-0"	14'-11 1/2"	8'-5"	9'-10"	33'-1 1/2"	31'-3 1/2"	26'-0"	20'-10"	16'-0"	6'-2"	30'-2"	31'-8"	4 1/2" x 8"	126
1-2	S.M.	11'-2"	16'-3 1/2"	14'-5 1/2"	10'-9"	9'-0"	14'-9 1/2"	8'-5"	9'-11"	33'-1"	31'-3"	26'-0"	20'-8"	16'-0"	6'-2"	30'-3"	31'-7"	4 1/2" x 8"	131
1-3	RIGID	11'-2"	16'-1"	14'-5"	10'-9"	9'-0"	14'-9"	8'-4"	9'-10"	33'-1"	31'-2"	26'-0"	20'-7"	16'-0"	6'-2"	30'-1"	31'-5"	3 3/4" x 7"	145

GENERAL DATA		CENTER SILL	SIDE BEARING CENTERS	MISCELLANEOUS	
BUILT BY	CENTER SILL AREA	SHEATHING	NOTE-1: "P" APPLIES ONLY TO CARS HAVING CUPOLA OFF CENTER		
YEAR BUILT	CENTER SILL COVER PLATE	SUPERSTRUCTURE	NOTE-2: TRUCKS, RIGID OR SWING MOTION SEE TABLE.		
CAPACITY LEVEL FULL—CU. FT.	COUPLER	UNDERFRAME			
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER RELEASE RIGGING	TRUCK DATA			
AVERAGE LOAD LIMIT—LBS.	DOOR	BOLSTER			
AVERAGE LIGHT WEIGHT—LBS.	DOOR FIXTURES	BRAKE BEAM			
BUILDERS REFERENCE	DOOR CLEAR OPENING	BRAKE BEAM SAFETY			
R. R. SPEC. NO.	DRAFT GEAR	CENTER PLATE			
	DRAFT GEAR ATTACHMENT	GENERAL DRAWING OF TRUCK NO.			
	ENDS	JOURNAL SEE TABLE.			
	END LOAD RATIO	SIDE BEARING			
	FLOORING	SIDE FRAME			
	GENERAL DRAWING OF CAR NO.	SPRING			
	HAND BRAKE	WHEELS 33" DIA.			
	LINING END	WEIGHT OF ONE TRUCK			
	LINING SIDE				
	ROOF				
CAR BODY DATA				SEE TABLE	
AIR BRAKE MFG.				CLASS	CARS
AIR BRAKE SCHEDULE				CABOOSE	
BODY BOLSTER				N.K.P.	
BODY CENTER PLATE				ADVISORY MECHANICAL COMMITTEE	
BODY SIDE BEARING				CLEVELAND, OHIO JULY 2, 1934	
CARLINES				REVISIONS	
				DR	TR
				CH	GROUP NO.
				SHEET NO.	
				1	
				3	



GENERAL DATA BUILT BY <i>T. S. L. & W. R. R.</i> YEAR BUILT <i>SEE NOTE-1</i> CAPACITY LEVEL FULL - CU. FT. CAPACITY WITH 10 IN. HEAP CU. FT. AVERAGE LOAD LIMIT - LBS. AVERAGE LIGHT WEIGHT - LBS. <i>35000</i> BUILDERS REFERENCE R. R. SPEC. NO.		CENTER SILL <i>WOOD SEE NOTE-2</i> CENTER SILL AREA CENTER SILL COVER PLATE <i>SEE NOTE-2</i> COUPLER COUPLER RELEASE RIGGING DOOR DOOR FIXTURES DOOR CLEAR OPENING DRAFT GEAR <i>MINER TAND. SPRING.</i> DRAFT GEAR ATTACHMENT ENDS END LOAD RATIO FLOORING GENERAL DRAWING OF CAR NO. <i>14596-D</i> HAND BRAKE <i>WHEEL & SHAFT</i> LINING END LINING SIDE ROOF <i>WOOD</i>		SIDE BEARING CENTERS <i>5'-0" SEE NOTE-2</i> SHEATHING <i>WOOD</i> SUPERSTRUCTURE <i>WOOD</i> UNDERFRAME <i>WOOD SEE NOTE-2</i> TRUCK DATA BOLSTER <i>WOOD SEE NOTE-2</i> BRAKE BEAM BRAKE BEAM SAFETY CENTER PLATE <i>SEE NOTE-2</i> GENERAL DRAWING OF TRUCK NO. <i>13656-C & 14714</i> JOURNAL <i>4 1/4" X 8"</i> SIDE BEARING <i>SEE NOTE-2</i> SIDE FRAME <i>ARCH BAR</i> SPRING <i>ELLIPTIC</i> WHEELS <i>33" DIA.</i> WEIGHT OF ONE TRUCK		MISCELLANEOUS <i>NOTE-1: CONVERTED FROM BOX CARS 9000 SERIES IN A PERIOD OF TIME BEGINNING DEC. 1913 AND ENDING DEC. 1915.</i> <i>NOTE-2: CARS 212, 224, 231, 236, 239, 244, 245 AND 253 HAVE STEEL UNDERFRAME. 10"-35# CHAN. CENTER SILL. COVER PLATE 1/4" X 19 1/4" CAST STEEL TRUCK BOLSTER WITH INTEGRAL CENTER PLATE AND SIDE BEARING. SIDE BEARING CENTERS 4'-10".</i>		212, 239 220, 240 226, 241 228, 244 231, 245 236, 253
CAR BODY DATA AIR BRAKE MFG. AIR BRAKE SCHEDULE BODY BOLSTER <i>WOOD SEE NOTE-2.</i> BODY CENTER PLATE BODY SIDE BEARING CARLINES <i>WOOD</i>				CLASS CABOOSE		CARS		
				N.K.P. ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JULY 3, 1934				
				REVISIONS				
				DR TR CH GROUP NO. SHEET NO. <i>HM HM</i> 1 4				

BUILT	BUILDER	CARS
1888	LAFAYETTE WKS	255-272
1889 TO 1891	MICHIGAN CAR CO.	273-288 290-292



255-288

290-292

GENERAL DATA		CENTER SILL WOOD	SIDE BEARING CENTERS	MISCELLANEOUS	CLASS
BUILT BY	SEE TABLE	CENTER SILL AREA	SHEATHING		CARS
YEAR BUILT	SEE TABLE	CENTER SILL COVER PLATE	SUPERSTRUCTURE	WOOD	
CAPACITY LEVEL FULL CU. FT.		COUPLER	UNDERFRAME	WOOD	
CAPACITY WITH 10 IN HEAP CU. FT.		COUPLER RELEASE RIGGING	TRUCK DATA		
AVERAGE LOAD LIMIT LBS.		DOOR	BOLSTER		
AVERAGE LIGHT WEIGHT LBS.		DOOR FIXTURES	BRAKE BEAM		
BUILDERS REFERENCE		DOOR CLEAR OPENING	BRAKE BEAM SAFETY		
R R SPEC. NO.		DRAFT GEAR	CENTER PLATE		
		DRAFT GEAR ATTACHMENT	GENERAL DRAWING OF TRUCK NO.		
		ENDS	JOURNAL	4 1/4 X 8"	
		END LOAD RATIO	SIDE BEARING		
		FLOORING	SIDE FRAME	ARCH BAR	
		GENERAL DRAWING OF CAR NO.	SPRING		
		HAND BRAKE	WHEELS END	36" DIA	
			LINING SIDE		
			LINING END		
			ROOF	WOOD	
			WEIGHT OF ONE TRUCK		

CABOOSE

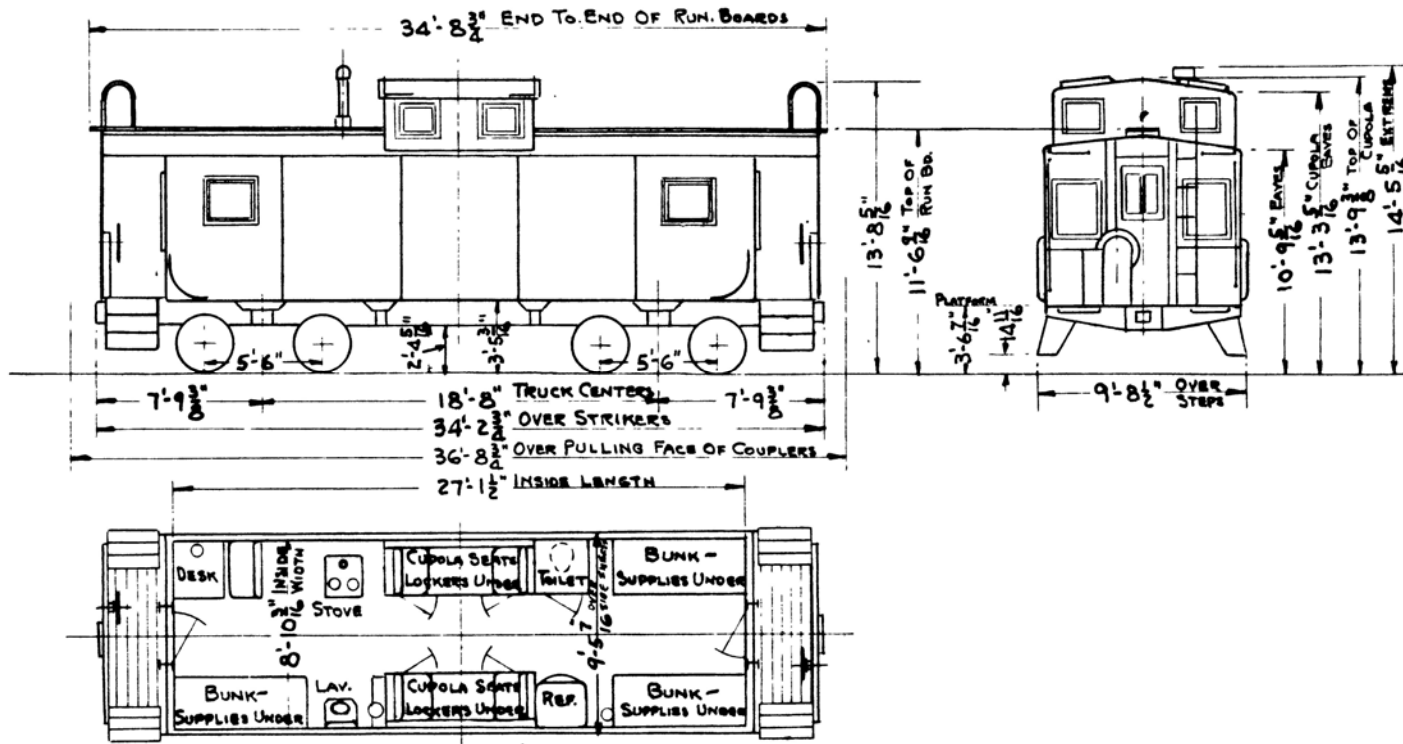
N.K.P.

ADVISORY MECHANICAL COMMITTEE
CLEVELAND, OHIO JULY 5 1934

REVISIONS

DR	TR	CH	GROUP NO.
HM	HM	AP	8

SHEET NO. 5



GENERAL DATA
 BUILT BY W.L.E. IRONVILLE SHOP
 YEAR BUILT 1948 AND 1949
 CAPACITY LEVEL FULL—CU. FT.
 CAPACITY WITH 10 IN. HEAP CU. FT.
 AVERAGE LOAD LIMIT—LBS.
 AVERAGE LIGHT WEIGHT—LBS. 45300
 BUILDERS REFERENCE
 R. R. SPEC. NO.

CAR BODY DATA
 AIR BRAKE MFG. W.A.B. Co.
 AIR BRAKE SCHEDULE "AB"
 BODY BOLSTER BUILT-UP STEEL
 BODY CENTER PLATE DROP FORGED
 BODY SIDE BEARING AXLE STEEL CAR
 CARLINES • BODY 1/4" x 2 1/2" x 3" ANGLES

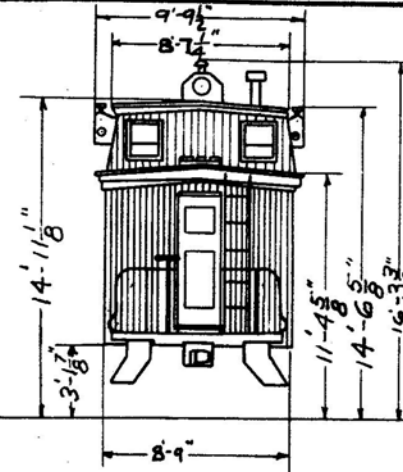
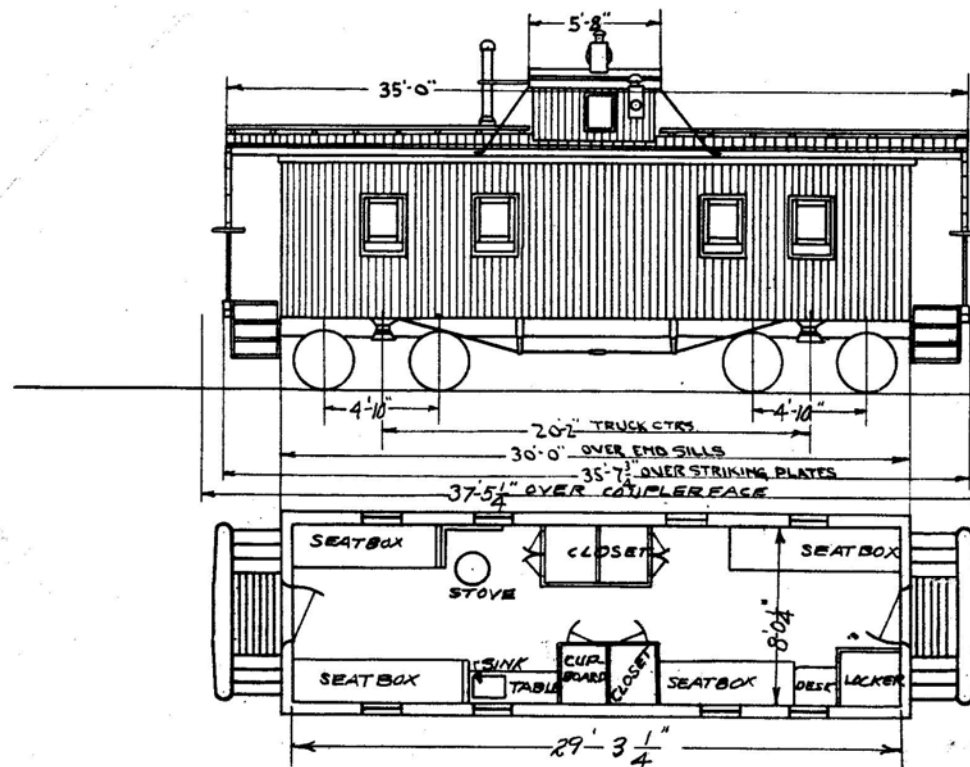
CENTER SILL A.A.R. ZEE SECTION AT 36.2 LBS PER FT
 CENTER SILL AREA 21.3 SQ. IN.
 CENTER SILL COVER PLATE
 COUPLER A.A.R. TYPE "E" 6 1/4" x 8" SHANK
 COUPLER RELEASE RIGGING W.L.E. TOP LIFT
 DOOR
 DOOR FIXTURES
 DOOR CLEAR OPENING
 DRAFT GEAR MINER A-28 XB
 DRAFT GEAR ATTACHMENT C.S. YOKE
 ENDS
 END LOAD RATIO .0509
 FLOORING OAK 2 5/8" T. & G. - 2 COURSES
 GENERAL DRAWING OF CAR—NO. W.L.E. SK-2828
 HAND BRAKE Two - AJAX
 LINING END 1/2" PLYWOOD
 LINING SIDE 1/2" PLYWOOD
 ROOF W.L.E. ALL STEEL RIVETED - 1/8" SHEET

TRUCK DATA
 SIDE BEARING CENTERS 4'-8"
 SHEATHING 1/8" O.H. STEEL
 SUPERSTRUCTURE O.H. STEEL
 UNDERFRAME O.H. STEEL

BOLSTER CAST STEEL
 BRAKE BEAM A.A.R. N115
 BRAKE BEAM SAFETY 1/2" x 2 1/2" x 3" ANGLE RIVETED AT BOLLER
 CENTER PLATE CAST INTEGRAL WITH BOLSTER
 GENERAL DRAWING OF TRUCK NO.
 JOURNAL 4 1/4" x 8"
 SIDE BEARING STUCKI
 SIDE FRAME CAST STEEL INTEGRAL BOX
 SPRING DOUBLE ELLIPTIC
 WHEELS MULT. WEAR WROT STEEL
 WEIGHT OF ONE TRUCK
 CENTER PLATE HEIGHT 2'-1 3/4"

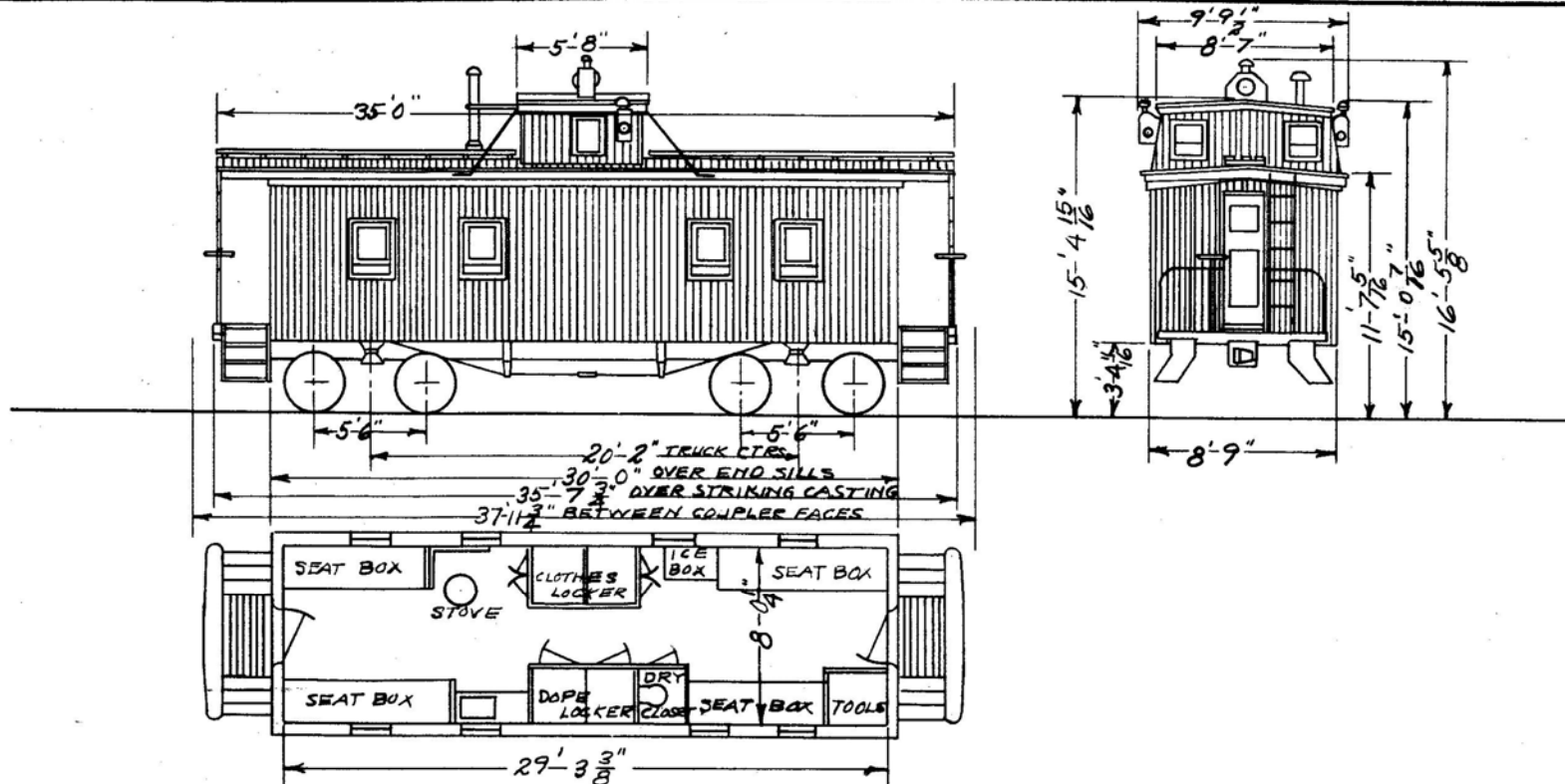
MISCELLANEOUS
 CARS EQUIPPED WITH:
 BARBER-BETTENDORF TYPE SWING MOTION
 CABOOSE TRUCK
 APEX TRI-LOK RUNNING BOARDS
 AMWELD SLACK ADJUSTERS
 DEP-NOX INSULATION
 SERVEL KEROSENE REFRIGERATOR

W.L.E. 0200-0299		700-799	
CLASS		CARS	
CABOOSE			
N.K.P.			
MECHANICAL DEPARTMENT			
CLEVELAND, OHIO			
REVISIONS			
DR	TR	CH	GROUP NO.
0H5	0H5	S.S.	1
			SHEET NO.
			3

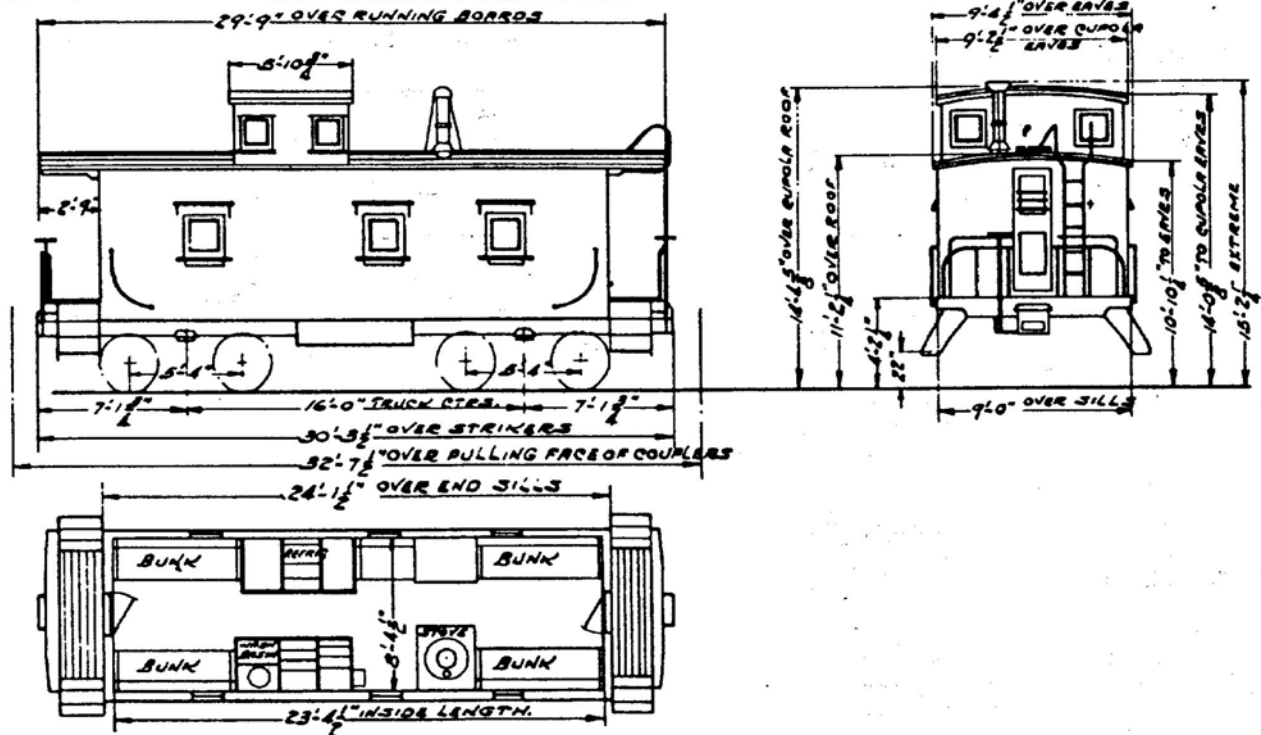


BUILT	BUILDER	CARS
1881-8283	LAFAYETTE CAR WKS.	1000-1080
1888	PENINSULAR CARWKS.	1082-1095
1900-1901	STONY ISLAND	1096-1121
1907	AMER. CAR & FDY. CO.	1122-1140
1909	AMER. CAR & FDY. CO.	1141-1155
1913	STONY ISLAND	1156-1175
1916	STONY ISLAND	1176-1185
1921-22	CONNEAUT	1186-1191
1923	CONNEAUT	1192

GENERAL DATA		MISCELLANEOUS		SEE TABLE											
BUILT BY SEE TABLE	CENTER SILL 10" - 35" CHAN.	SIDE BEARING CENTERS 5' - 2"			CLASS CARS										
YEAR BUILT SEE TABLE	CENTER SILL AREA 25.4 SQ. IN.	SHEATHING 7/8" T & G													
CAPACITY LEVEL FULL CU. FT.	CENTER SILL COVER PLATE 1/4" X 1 9/16"	SUPERSTRUCTURE WOOD			CABOOSE N.K.P. ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JUNE 29, 1934										
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER 5" X 5"	UNDERFRAME REPAIRED STEEL													
AVERAGE LOAD LIMIT LBS.	COUPLER RELEASE RIGGING TOP OPER.	TRUCK DATA													
AVERAGE LIGHT WEIGHT LBS. - 39100	DOOR	BOLSTER WOOD													
BUILDERS REFERENCE	DOOR FIXTURES	BRAKE BEAM													
R. R. SPEC. NO.	DOOR CLEAR OPENING	BRAKE BEAM SAFETY													
	DRAFT GEAR TANDEN SPRING	CENTER PLATE MALL. IRON													
	DRAFT GEAR ATTACHMENT	GENERAL DRAWING OF TRUCK NO. T228-D													
	ENDS	JOURNAL 4 1/4 X 8"													
	END LOAD RATIO	SIDE BEARING PATT. A-113													
CAR BODY DATA	FLOORING 7/8 SQ. EDGE	SIDE FRAME - AB													
AIR BRAKE MFG. WESTINGHOUSE	GENERAL DRAWING OF CAR NO. 1470-E	SPRING DOUBLE ELLIPTIC													
AIR BRAKE SCHEDULE	HAND BRAKE WHEEL & SHAFT	WHEELS 33 IN.													
BODY BOLSTER STEEL BUILT UP	LINING END 7/8" T & G	WEIGHT OF ONE TRUCK													
BODY CENTER PLATE PATT. A-606	LINING SIDE 3/4" T & G														
BODY SIDE BEARING PATT. A-612	ROOF WOOD														
CARLINES WOOD															
				REVISIONS <table border="1"> <thead> <tr> <th>DR</th> <th>TR</th> <th>CH</th> <th>GROUP NO.</th> <th>SHEET NO.</th> </tr> </thead> <tbody> <tr> <td>C.T.</td> <td>C.T.</td> <td>aff</td> <td>1</td> <td>1</td> </tr> </tbody> </table>		DR	TR	CH	GROUP NO.	SHEET NO.	C.T.	C.T.	aff	1	1
DR	TR	CH	GROUP NO.	SHEET NO.											
C.T.	C.T.	aff	1	1											

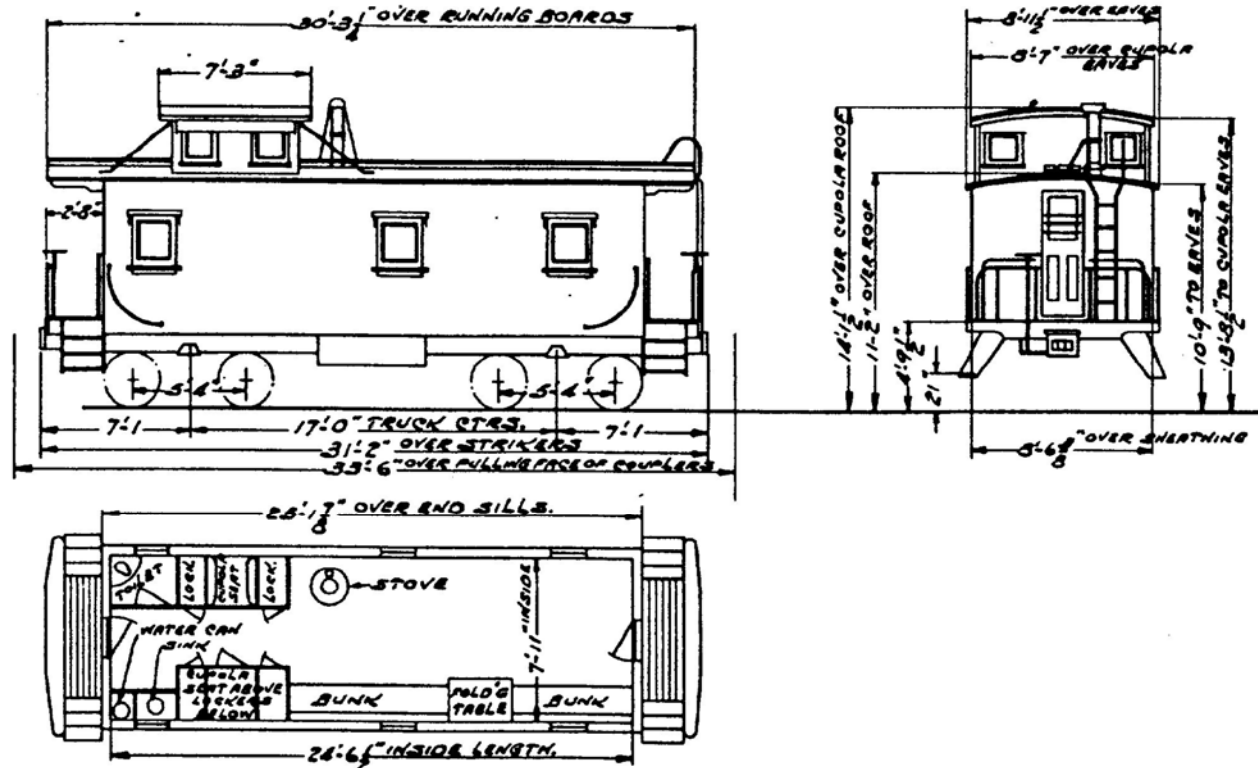


GENERAL DATA		CENTER SILL 10" 35# CHAN.	SIDE BEARING CENTERS 5'-2"	MISCELLANEOUS		1194-1208		
BUILT BY CONNEAUT	CENTER SILL AREA - 30.29 SQ. IN.	SHEATHING 1 3/16" T. & G.						
YEAR BUILT 1924	CENTER SILL COVER PLATE 1/4" x 1 9/16"	SUPERSTRUCTURE WOOD		CLASS		CARS		
CAPACITY LEVEL FULL - CU. FT.	COUPLER 5" X 7"	UNDERFRAME REPAIRED STEEL		CABOOSE				
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER RELEASE RIGGING TOP OPER.							
AVERAGE LOAD LIMIT - LBS.	DOOR -	TRUCK DATA		N.K.P.				
AVERAGE LIGHT WEIGHT - LBS. 42320	DOOR FIXTURES -	BOLSTER STEEL						
BUILDERS REFERENCE	DOOR CLEAR OPENING -	BRAKE BEAM STEEL		ADVISORY MECHANICAL COMMITTEE				
R. R. SPEC. NO.	DRAFT GEAR TANDEN SPRING	BRAKE BEAM SAFETY 2 1/2" x 1/4" L		CLEVELAND, OHIO JULY 2, 1934				
	DRAFT GEAR ATTACHMENT	CENTER PLATE INTEGRAL		REVISIONS				
	ENDS -	GENERAL DRAWING OF TRUCK NO. 9319-D						
CAR BODY DATA		JOURNAL 4 1/2" X 8"		DR	TR	CH	GROUP NO.	SHEET NO.
AIR BRAKE MFG. -	END LOAD RATIO -	SIDE BEARING INTERGAL		L	M	H	1	2
AIR BRAKE SCHEDULE -	FLOORING 1 3/16" SQ. EDGE	SIDE FRAME STEEL						
BODY BOLSTER STEEL - BUILT UP	GENERAL DRAWING OF CAR NO. 9246-F	SPRING ELEPTIC						
BODY CENTER PLATE PATT. A-606	HAND BRAKE WHEEL & SHAFT	WHEELS 33"						
BODY SIDE BEARING PATT. A-612	LINING END 3/16" T. & G.	WEIGHT OF ONE TRUCK 6840#						
CARLINES WOOD	LINING SIDE 1 3/16" T. & G.							
	ROOF WOOD							



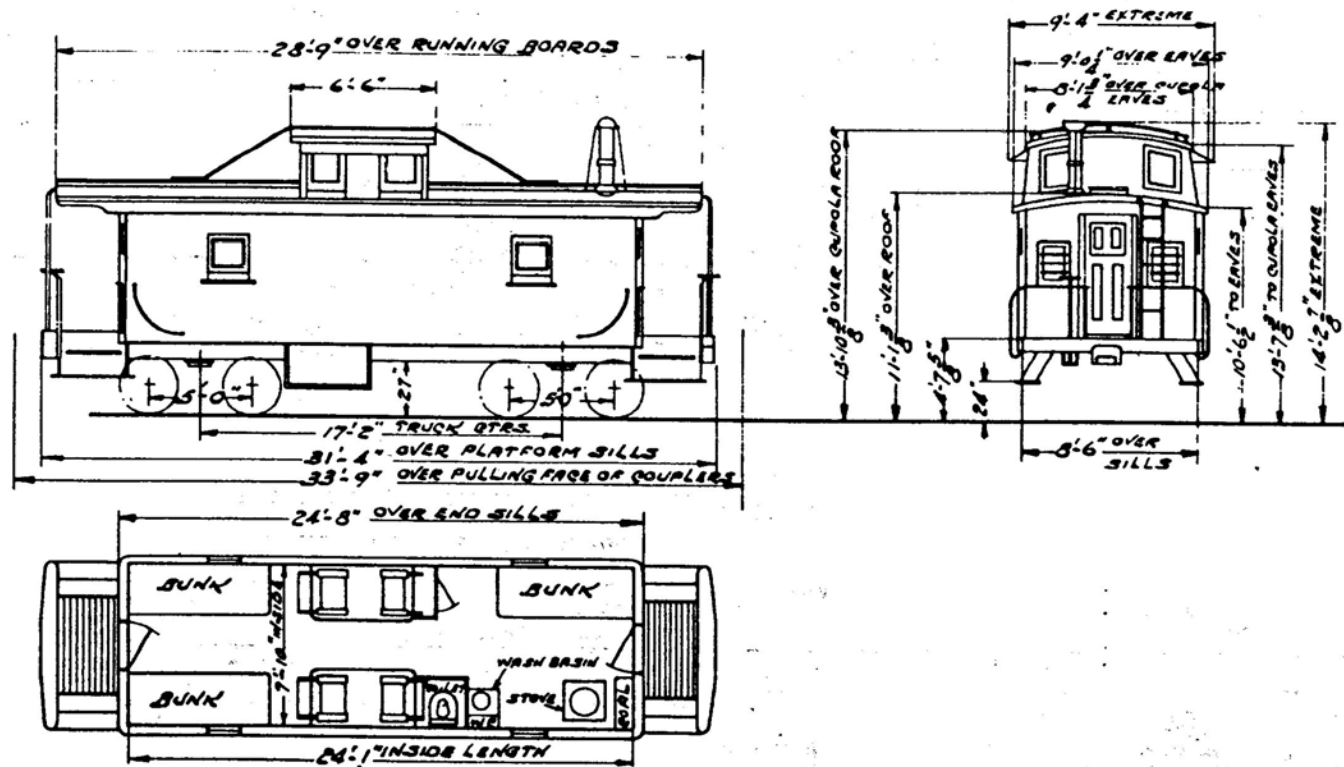
NOTE:-1
 BUILT BY N.V.R.R. IN 1913 & NUMBERED 345,
 PURCHASED BY C&O RY. AND RENUMBERED 90336.
 PURCHASED BY NKP JUNE 1941.

GENERAL DATA BUILT BY - SEE NOTE:-1 YEAR BUILT - SEE NOTE:-1 CAPACITY LEVEL FULL - CU. FT. CAPACITY WITH 10 IN. HEAP CU. FT. AVERAGE LOAD LIMIT - LBS. AVERAGE LIGHT WEIGHT - LBS. = 32300 BUILDERS REFERENCE 2 R SPCL NO		CENTER SILL - 2 9" x 20" CHANNELS CENTER SILL AREA - 16.36 SQ. IN. CENTER SILL COVER PLAT. - 1/4" x 18 1/2" COUPLER - 5" x 7" SHANK 9 1/2" BUT. COUPLER RELEASE PLUG IN - TOP LEFT UOON DOOR FIXTURES DOOR CLEAR OPENING DRAFT GEAR - MINER TANDEM CLASS B SPRING DRAFT GEAR ATTACHMENT ENDS END LOAD RATIO FLOORING - 2 COURSES - 1/4" OAK OVER 2" BOARDS GENERAL DRAWING OF CAR - NO. - 139-11-03 HAND BRAKE LINING END LINING SIDE ROOF		SIDE BEARING CENTERS SHEATHING - WOOD SUPERSTRUCTURE - WOOD UNDERFRAME - STEEL STR. SILLS & CROSSBARRS TRUCK DATA BOLSTER BRAKE BEAM BRAKE BEAM SAFETY CENTER PLATE GENERAL DRAWING OF TRUCK NO JOURNAL - 4 1/4" x 6" SIDE BEARING SIDE FRAME - ANDREWS SPRING - ELLIPTIC WHEELS - 33" DIA. CAST IRON WEIGHT OF ONE TRUCK		MISCELLANEOUS CLASS 1250 CARS CABOOSE N.K.P. ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO 7-5-42 REVISIONS DR TR CH GROUP NO. SHEET NO. JGB 1 5	
CAR BODY DATA AIR BRAKE MFG. - N.Y.A.B. Co. AIR BRAKE SCHEDULE - 6" COMBINED BODY BOLSTER BODY CENTER PLATE BODY SIDE BEARING CARLINES							



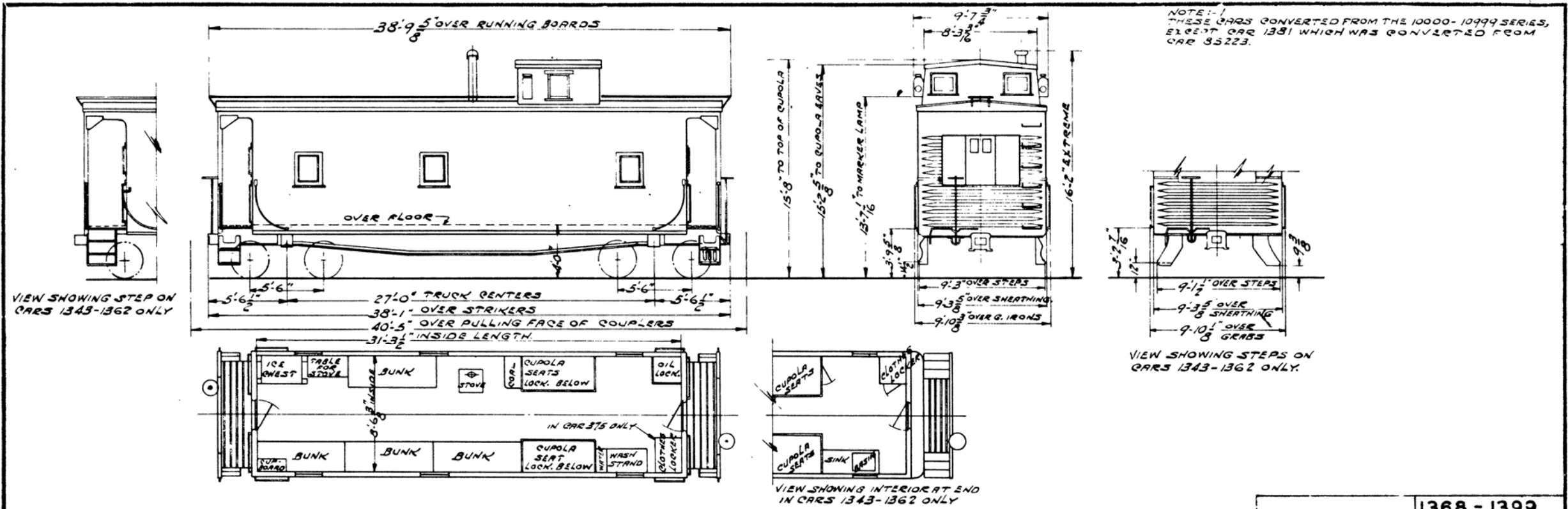
NOTE:-1
 BUILT BY H.V.E.R. IN 1907 & NUMBERED 395.
 PURCHASED BY C&D.R. AND RENumberED 92593.
 PURCHASED BY NKP JUNE 1941 & RENumberED
 1251.

GENERAL DATA		MISCELLANEOUS	
BUILT BY - <i>SEE NOTE:-1</i>	CENTER BILL - <i>2-9" 25" CHANNELS</i>	TRUCK DATA BOLSTER BRAKE BEAM BRAKE BEAM SAFETY CENTER PLATE GENERAL DRAWING OF TRUCK NO JOURNAL - <i>4 1/4" x 8"</i> SIDE BEARING SIDE FRAME - <i>ANDREWS</i> SPRING - <i>ELLIPTIC</i> WHEELS - <i>33" DIA. CAST IRON.</i> WEIGHT OF ONE TRUCK	
YEAR BUILT - <i>SEE NOTE:-1</i>	CENTER BILL AREA - <i>19.59 SQ. IN.</i>		
CAPACITY LEVEL FULL - <i>CU. FT.</i>	CENTER BILL COVER PLATE - <i>1/4" x 10 3/4"</i>		
CAPACITY WITH 10 IN. HEAR CU. FT.	COUPLER - <i>4" x 7" HANK 9 7/8" BUT.</i>	REVISIONS DR. TP. CH. GROUP NO. SHEET NO. / 63 1 6	
AVERAGE LOAD LIMIT - <i>LBS.</i>	COUPLER RELEASE RIGGING - <i>TOP LIFT</i>		
AVERAGE LIGHT WEIGHT - <i>LBS. - 32300</i>	DOOR		
BUILDERS REFERENCE	DOOR FIXTURES		
* P. SPEC NO.	DOOR CLEAR OPENING		
CAR BODY DATA			
AIR BRAKE MFG - <i>NYAB Co.</i>	DRAFT GEAR - <i>MINER TANDEM CLASS "B" SPRING</i>		
AIR BRAKE SCHEDULE - <i>B" COMBINED</i>	DRAFT GEAR ATTACHMENT		
BODY BOLSTER	ENDS		
BODY CENTER PLATE	END LOAD RATIO		
BODY SIDE BEARING	FLOORING - <i>2 COURSES 1 1/2" OAK OVER 2" BOARDS</i>		
CARLINES	GENERAL DRAWING OF CAR - <i>NO</i>		
	HAND BRAKE		
	LINING END		
	LINING SIDE		
	POC		

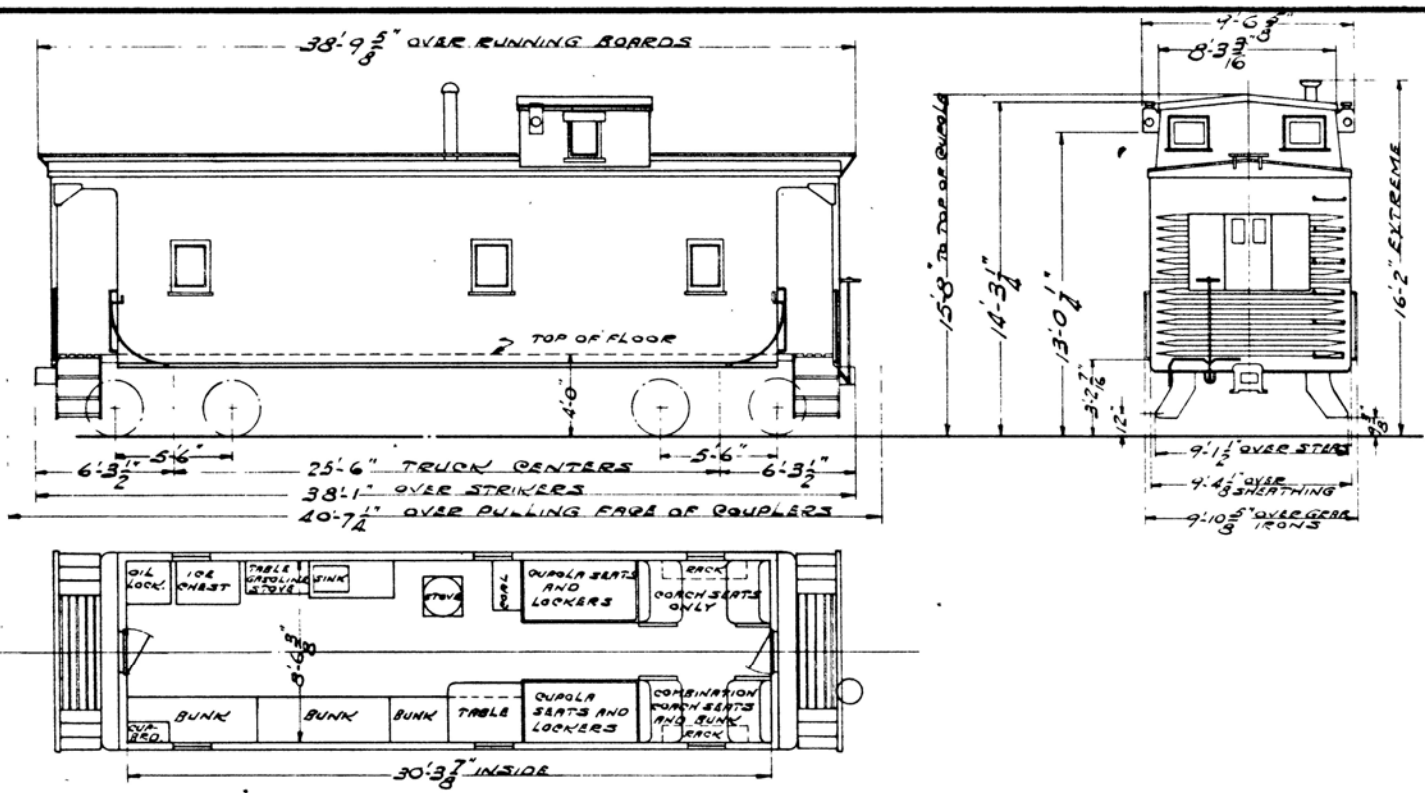


NOTE: -1
THESE CARS PURCHASED FROM C&O BY JUNE 1941.
BUILT 1916, 1917, 1919, 1920, 1921.

GENERAL DATA		MISCELLANEOUS																							
BUILT BY	CENTER BILL - 2-8" 11.25" CHANNELS	SIDE BEARING CENTERS - 4'0"	<table border="1"> <tr> <td colspan="2">1252 - 1276</td> </tr> <tr> <td>CLASS</td> <td>CARS</td> </tr> <tr> <td colspan="2" style="text-align: center;">CABOOSE</td> </tr> <tr> <td colspan="2" style="text-align: center;">N.K.P.</td> </tr> <tr> <td colspan="2" style="text-align: center;">ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO</td> </tr> <tr> <td colspan="2" style="text-align: center;">REVISIONS</td> </tr> <tr> <td>DB</td> <td>YR</td> <td>CH</td> <td>GROUP NO.</td> <td>SHEET NO.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>7</td> </tr> </table>	1252 - 1276		CLASS	CARS	CABOOSE		N.K.P.		ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO		REVISIONS		DB	YR	CH	GROUP NO.	SHEET NO.					7
1252 - 1276																									
CLASS	CARS																								
CABOOSE																									
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ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO																									
REVISIONS																									
DB	YR	CH		GROUP NO.	SHEET NO.																				
					7																				
YEAR BUILT <i>SEE NOTE: 1</i>	CENTER BILL AREA - 15.57 SQ. IN.	SHEATHING - WOOD																							
CAPACITY LEVEL FULL - CU. FT.	CENTER BILL COVER PLATE - 1/4" X 17-3/8"	SUPERSTRUCTURE - WOOD																							
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER - AAR TYPE "D"	UNDERFRAME - WOOD & STEEL																							
AVERAGE LOAD LIMIT - LBS.	COUPLER RELEASE RIGGING - TOP LIFT																								
AVERAGE LIGHT WEIGHT - LBS. - 33460	DOOR	TRUCK DATA																							
BUILDERS REFERENCE	DOOR FIXTURES	BOLSTER - PRESSED STEEL																							
R. R. SPEC. NO.	DOOR CLEAR OPENING	BRAKE BEAM - NO. 2																							
	DRAFT GEAR - FARLOW TWIN SPRING	BRAKE BEAM SAFETY - 2 1/2" X 2 1/2" X 3/8" ANGLE																							
	DRAFT GEAR ATTACHMENT - FARLOW B KEY	CENTER PLATE - MALL. IRON																							
	ENDS	GENERAL DRAWING OF TRUCK NO - C&O DWG 6787																							
	END LOAD RATIO	JOURNAL - 1 1/4" X 8"																							
CAR BODY DATA	FLOORING - 2 COURSES - 3/16" X 1"	SIDE BEARING - FRICTION																							
AIR BRAKE MFG. - WAB CO.	GENERAL DRAWING OF CAR - NO.	SIDE FRAME - ARCH BAR																							
AIR BRAKE SCHEDULE - RD 812	HAND BRAKE - AAR WHEEL & SHAFT.	SPRING - ELLIPTIC																							
BODY BOLSTER - BUILT UP STEEL	LINING END - 3/16" T&G	WHEELS - 33" DIA. C.I.																							
BODY CENTER PLATE - CAST STEEL	LINING SIDE - 13/16" T&G	WEIGHT OF ONE TRUCK - 5627 LBS.																							
BODY SIDE BEARING - CAST IRON	ROOF - WOOD																								
CARLINES - WOOD																									



GENERAL DATA BUILT BY-AC&F FOR 10000 SERIES, H&K FOR 85000 SERIES YEAR BUILT-AC&F CARS 1916, H&K CARS 1917 CAPACITY LEVEL FULL-CU. FT. CAPACITY WITH 10 IN. HEAP CU. FT. AVERAGE LOAD LIMIT-LBS AVERAGE LIGHT WEIGHT-LBS BUILDERS REFERENCE-AC&F CARS NOT 8040 R. R. SPEC. NO.-LOT 100 FOR AC&F BUILT CARS		CAR BODY DATA AIR BRAKE MFG.-NYAB CO. AIR BRAKE SCHEDULE-KC 1012 BODY BOLSTER-BUILT UP STEEL BODY CENTER PLATE-CAST STEEL BODY SIDE BRACING CARLINES-PRESSED STEEL, CUPOLA-CHANNELS		CENTER SILL-BUILT UP STEEL CENTER SILL AREA-23.66 SQ. IN. CENTER SILL COVER PLATE-1/4" X 20 1/4" COUPLER-RAAR TYPE "D" 5" X 7" SHANK COUPLER RELEASE RIGGING-IMPERIAL DOOR-WOOD DOOR FIXTURES DOOR CLEAR OPENING-2'-2" X 6'-7" DRAFT GEAR-MINER A-28-XA DRAFT GEAR ATTACHMENT-C.S. YOKER ENDS-CORRUG. STEEL END LOAD RATIO-.057 FLOORING-1 3/4" SHIP LAP GENERAL DRAWING OF CAR-NO HAND BRAKE-WHEEL & SHAFT BOTH ENDS LINING END-13/16" T&G LINING SIDE-13/16" T&G ROOF-WOOD, CANVAS COVERED		TRUCK DATA BOLSTER-CAST STEEL PAT. A-911 BRAKE BEAM-NO. 2 BRAKE BEAM SAFETY-2" X 2" X 3/8" ANGLE CENTER PLATE-CAST STEEL GENERAL DRAWING OF TRUCK NO. JOURNAL-5" X 9" SIDE BEARING SIDE FRAME-CAST STEEL PAT. A-985 SPRING-ELLIPTIC 2 PER TRUCK DWG 76-2-230 WHEELS-33" DIA. WEIGHT OF ONE TRUCK GTR. ALT. HGT.-2'-2"		MISCELLANEOUS		SEE NOTE:-1 1368 - 1399 1343 - 1365 CLASS CARS CABOOSE N.K.P. ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO July 6, 1942 REVISIONS	
DR JGB TR JGB CH		GROUP NO. 1		SHEET NO. 8							



NOTE:-1
CARS 1366 & 1367 CONVERTED FROM BOX
CARS 10013 & 10261 RESPECTIVELY AT
CONNEAUT, OHIO JAN. 1943.

GENERAL DATA

BUILT BY - AQ&F Co. SEE NOTE:-1
YEAR BUILT - 1916 SEE NOTE:-1
CAPACITY LEVEL FULL - CU. FT.
CAPACITY WITH 10 IN. HEAP CU. FT.
AVERAGE LOAD LMT. - LBS.
AVERAGE LIGHT WEIGHT - LBS.
BUILDERS REFERENCE - LOT 3040
R R SPEC NO. LOT 100

CAR BODY DATA

AIR BRAKE MFG. - N. Y. A. B. Co.
AIR BRAKE SCHEDULE - RR 1012
BODY BOLSTER - BUILT UP STEEL
BODY CENTER PLATE - CAST STEEL
BODY SIDE BEARING
CARLINES - PRESSED STEEL CUPOLA CHANNELS

CENTER SILL - BUILT UP STEEL

CENTER SILL AREA - 23.66 SQ. IN.
CENTER SILL COVER PLATE - 1/4" X 20 1/4"
COUPLER - AAR TYPE "D" 5' X 7" SHANK
COUPLER RELEASE RIGGING - IMPERIAL
DOOR - WOOD
DOOR FIXTURES
DOOR CLEAR OPENING - 2'-2" X 6'-7"
DRAFT GEAR - MINER A-28-18
DRAFT GEAR ATTACHMENT - Q.S. YOKE
ENDS - CORRUG. STEEL
END LOAD RATIO - .05
FLOORING - 1 3/4" SHIP LAP
GENERAL DRAWING OF CAR - NO.
HAND BRAKE - WHEEL & SHAFT
LINING END - 13/16" T&G
LINING SIDE - 13/16" T&G
ROOF - WOOD BANYAS COVERED

MISCELLANEOUS

TRUCK DATA
SIDE BEARING CENTERS - 5'-0"
SHEATHING - 13/16" T&G
SUPERSTRUCTURE - WOOD
UNDERFRAME - STEEL
BOLSTER - Q.S. PAT. A-911
BRAKE BEAM - NO. 2
BRAKE BEAM SAFETY - 2" X 2" X 3/8" ANGLE
CENTER PLATE - CAST STEEL
GENERAL DRAWING OF TRUCK NO.
JOURNAL - 5' X 9"
SIDE BEARING
SIDE FRAME - Q.S. PAT. A-985
SPRING - ELLIPTIC 2 PER TRUCK 76-2-230
WHEELS - 33" DIA.
WEIGHT OF ONE TRUCK
QTR. PLT. HGT. 2'-2"

MISCELLANEOUS

FLOOR PLAN - 139-A-382

			1366 - 1367	
CLASS			CARS	
CABOOSE				
N.K.P.				
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO NOV 1943				
REVISIONS				
DR	TR	CH	GROUP No.	SHEET No.
JG	JG		1	9