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BOOK NO.

TITLE MASTER MECHANIC

NAME R. H. KIESER

THE NEW YORK CHICAGO AND ST. LOUIS RAILROAD COMPANY

NICKEL PLATE ROAD

FREIGHT CAR DIAGRAMS

MECHANICAL DEPARTMENT

CLEVELAND OHIO

TYPE OF CAR	GR.	SH.	CAR NOS.	REMARKS	TYPE OF CAR	GR.	SH.	CAR NOS.	REMARKS		
CABOOSE AND RIDER CARS	1	1	46 - 147		40 - TON STOCK	3					
		2	212 - 253	CLOVER LEAF CABOOSES							
		3	700 - 760	OLD WLE 0200-0299 (STEEL)							
		4	761 - 784	ALL STEEL							
		5	826 - 918	OLD WLE 0826 - 0918 (WOOD)							
		6	1000 - 1192								
		7	1194 - 1208								
		8	400	BAY WINDOW							
		9	401 - 450	BAY WINDOW							
		10	1343 - 1362	BOX CAR CABOOSES							
		11	1368 - 1367	BOX CAR CABOOSES							
		10	1363 - 658 1368 - 99	BOX CAR CABOOSES							
			12	451 - 500							
	13	300	RIDER CAR								
40 - TON COKE	2	1	120 - 139		40 - TON BOX	4					
50 - TON COKE	2A	1	45470 - 48627	7 - CARS							
40 - TON STOCK	3	1	41100 - 41174	SINGLE DECK							
		2	41175 - 41199	SINGLE DECK							
		1	41200 - 41273	SINGLE DECK							
		3									
		4									
		5	43570 - 43606	DOUBLE DECK							
		4	43607 - 43619	DOUBLE DECK							
5	43620 - 43654	DOUBLE DECK									
									1	4300 - 4399	R-27 OLD NKP 25000 - 25099
									2	26000 - 26314	R-25
									3	27000 - 27914	R-27
							4	22000 - 22349	R-42		
							5	4000 - 4149	R-26 OLD NKP 24000 - 24149		
							6	22350 - 22499	R-47 EQUIPPED WITH LARGE END DOORS		
							7	24502 - 24901	R-46 EQUIPPED WITH AUTO RACKS		
							8	30000 - 30149	EQUIPPED WITH AUTO RACKS W.L.E. DISTRICT		
							2	4200 - 4224	R-21		
							3	4225 - 4249	R-27		
							2	28000 - 28059	R-27 EQUIPPED WITH D.F. LOADERS		
							2	28060 - 28150	R-27 EQUIPPED WITH D.F. LOADERS		
							5	29000 - 29102	EQUIPPED WITH D.F. LOADERS		
									R-26		
					50 - TON BOX	5					
									1	5000 - 5499	R-30
									2	6000 - 6999	R-21 PULLMAN STANDARD PS-1
									3	7000 - 7499	R-26
									4	8000 - 8199	R-27
									5	8500 - 8509	R-27 ALUMINUM BOX WITH STEAM & SIGNAL LINES, ROLLER BEARINGS
									6	13000 - 13499	R-33
									7	15000 - 15499	R-40
									8	15500 - 15999	R-40
									9	16000 - 16499	R-24
									10	16500 - 17399	
									10	17400 - 17699	R-24
							11	8200 - 8299			
							12	20200 - 20499	R-41 LIGHT WEIGHT BOX A.C.F. CO.		

TYPE OF CAR	GR.	SH.	CAR NOS.	REMARKS	TYPE OF CAR	GR.	SH.	CAR NOS.	REMARKS
CABOOSE AND RIDER CARS	1	1	46-147		40 TON BOX	4	1	4300-4399	OLD NKP 25000-25099
		2	212-253	CLOVER LEAF CABOOSSES			2	26000-26314	
		3	700-760	OLD WLE 0200-0299 (STEEL)			3	27000-27914	
		4	761-784	ALL STEEL			5	3728-3735	EQUIPPED WITH RACKS FOR HANDLING CHRYSLER AUTO PARTS
		5	826-918	OLD WLE 0826-0918 (WOOD)			4	3700-3727	EQUIPPED FOR HANDLING CHRYSLER TRANSMISSIONS - OLD NKP 23700-23727
		6	1000-1192				5	4000-4149	OLD NKP 24000-24149
		7	1194-1208				2	4200-4224	
		8	400	BAY WINDOW			3	4225-4249	
		9	401-450	BAY WINDOW			4	22000-22349	
		10	1343-1362	BOX CAR CABOOSSES			6	22350-22499	EQUIPPED WITH LARGE END DOORS
		11	1366-1367	BOX CAR CABOOSSES			7	24502-24901	EQUIPPED WITH AUTO RACKS
		10	1363-65&1368-99	BOX CAR CABOOSSES			2	28000-28059	EQUIPPED WITH D.F. LOADERS
		12	451-500				2	28060-28150	EQUIPPED WITH D.F. LOADERS
13	300	RIDER CAR	8	30000-30149	EQUIPPED WITH AUTO RACKS W. L.E. DISTRICT				
40-TON COKE	2	1	120-139		5	29000-29092	EQUIPPED WITH DF LOADERS		
					5	29093-29102	EQUIPPED WITH DF-2 LOADERS		
40-TON STOCK	3	1	41000-41014	SINGLE DECK	50 TON BOX	5	1	5000-5499	
		1	41100-41174	SINGLE DECK			2	6000-6999	PULLMAN STANDARD PS-1
		2	41175-41199	SINGLE DECK			3	7000-7499	
		1	41200-41273	SINGLE DECK			4	8000-8199	
		3	42150-42449	DOUBLE DECK			5	8500-8509	ALUMINUM BOX WITH STEAM & SIGNAL LINES, ROLLER BEARINGS
		4	43500-43589	DOUBLE DECK			6	13000-13499	
		5	43570-43606	DOUBLE DECK			7	15000-15499	
		4	43607-43619	DOUBLE DECK			8	15500-15999	
		5	43620-43654	DOUBLE DECK			9	16000-16499	
							10	16500-17399	
			10	17400-17699					
			11	20000-20199	LIGHT WEIGHT BOX P.S. C.M. CO.				
			12	20200-20499	LIGHT WEIGHT BOX A.C.F. CO.				

TYPE OF CAR	GR.	SH.	CAR NOS.	REMARKS	TYPE OF CAR	GR	SH	CAR NOS.	REMARKS	
50 TON BOX	5	13	18000 - 18999		100 TON BOX	5B	1	83000 - 83033	2.11	
		14	23000 - 23499	2.24 WLE DIST.			2	81000 - 81049	DF EQUIPPED	
		15	23500 - 23749	2.44 WLE DIST.			3	83100 - 83137		
		16	24000 - 24501	3.45 WLE DIST.						
		17	25000 - 25999	WLE DIST.						
		18	86000 - 86084							
		18	86085 - 86184	EQUIPPED WITH FISHER BODY AUTO RACKS						
		19	87000 - 87099	CARS 87000 - 87024 HAVE LARGE END DOORS						
		20	87100 - 87199							
		19	88000 - 88056	EQUIPPED WITH FISHER BODY AUTO RACKS						
		20	88100 - 88164	EQUIPPED WITH FISHER BODY AUTO RACKS		50 TON GONDOLA	6	1	45000 - 45499	4.21 WLE DIST.
		21	86200 - 86249	EQUIPPED WITH "DF" LOADERS (7'0" DOOR)	2			45500 - 46749	4.22 WLE DIST.	
		21	86250 - 86349		4			70000 - 70499	4.24	
		22	86400 - 86899		5			70500 - 70749	4.35 - 2nd End	
		23	85000 - 85474		6			71000 - 71674	4.36 - 4.37 FISHER END	
		24	85475 - 85499	INSULATED	7			71675 - 71874	4.39 - 5.34	
		23	84800 - 84829		8			71875 - 72824	4.40 - 5.41	
		18	86185 - 86199	EQUIPPED WITH D.F. LOADERS - (7'0" DOOR)	9			72825 - 73074	4.42	
70 TON BOX	5A	1	84000 - 84019	INSULATED	70 TON GONDOLA	7	1	65000 - 65024	4.24	
		2	84020 - 84194	INSULATED			2	65025 - 65074	4.27	
		3	81500 - 81649	DF EQUIPPED			3	65100 - 65199	6.00 WLE 73000 - 73099	
			4	66000 - 66049			6.27			
			5	67000 - 67399			6.28 - 7.29 - 4.32			
			6	77000 - 77994			OLD WLE 74000 - 74999, 2.6 - 5.7			
			7	75000 - 75499			4.42 WLE DIST.			
			8	44000 - 44249			4.15 COIL CARS			
			9	44500 - 44549			4.16			
			10	44998 - 44999			4.20			
			11	67400 - 67549			4.23			
			11	68000 - 68174			4.27 - 4.32			
			12	44600 - 44624			EQUIPPED WITH REMOVABLE COVERS			
			13	75029 - 75434	15 CARS WITH BULKHEADS					

TYPE OF CAR	GR.	SH.	CAR NOS.	REMARKS	TYPE OF CAR	GR.	SH.	CAR NOS.	REMARKS		
50 TON BOX	5	13	20500 - 20699	LIGHT WT. BOX OLD WLE 20000 - 20199 P.S.C.M. CO.	50 TON GONDOLA	6					
		14	23000 - 23499	WLE DIST.							
		15	23500 - 23749	WLE DIST.							
		16	24000 - 24501	WLE DIST.							
		17	25000 - 25999	WLE DIST.							
		18	86000 - 86084								
		18	86085 - 86184	EQUIPPED WITH FISHER BODY AUTO RACKS							
		18	86185 - 86199	EQUIPPED WITH D. F. LOADERS - 7'-0" DOOR							
		19	87000 - 87099	CARS 87000 - 87024 HAVE LARGE END DOORS			70 TON GONDOLA	7	1	65000 - 65024	
		20	87100 - 87199						2	65025 - 65074	
		19	88000 - 88045	EQUIPPED WITH FISHER BODY AUTO RACKS	3	65100 - 65199			OLD WLE 73000 - 73099		
		20	88100 - 88153	EQUIPPED WITH FISHER BODY AUTO RACKS	4	66000 - 66049					
		21	86200 - 86249	EQUIPPED WITH "DF" LOADERS (7'-0" DOOR)	5	67000 - 67399					
		21	86250 - 86349		6	77000 - 77994			OLD WLE 74000 - 74999		
		22	86400 - 86899		7	75000 - 75499			WLE DIST.		
		23	85000 - 85474		8	44000 - 44249			COIL CARS		
		24	85475 - 85499	INSULATED	9	44500 - 44549					
					10	44998 - 44999					
		70 TON BOX	5A	1	84000 - 84019	INSULATED	70 TON CONTAINER	8	1	76200 - 76249	OLD NKP 75000 - 75049
									2	76250 - 76269	OLD NKP 75050 - 75069
									3	76270 - 76282	OLD NKP 75070 - 75081
									3	76283 - 76292	
		50 TON GONDOLA	6	1	45000 - 45499	WLE DIST.	100 TON CONTAINER	9	1	76000 - 76019	
				2	45500 - 46749	WLE DIST.			2	76100 - 76144	
	4	70000 - 70499		NKP DIST.		3	76150 - 76164				
	5	70500 - 70749		NKP DIST.	40 TON FLAT	10	1	2600 - 2649			
	6	71000 - 71674									
	7	71675 - 71874									
	8	71875 - 72824			50 TON FLAT	11	1	1900 - 1999	WLE DIST.		
	9	72825 - 73074					2	2700 - 2724			
							3	2725 - 2774			

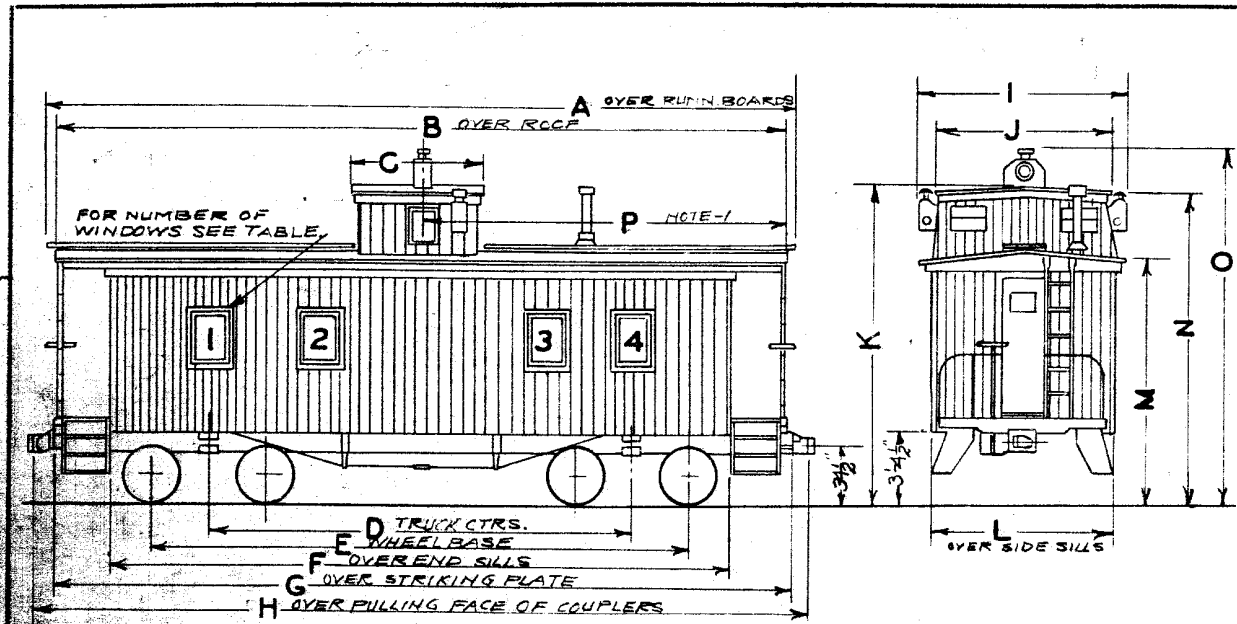
Nov 1964

TYPE OF CAR	GR.	SH.	CAR NOS.	REMARKS	TYPE OF CAR	GR.	SH.	CAR NOS.	REMARKS
70 TON GONDOLA	7				50 TON FLAT	11	8	2500 - 2572	FORGING CONTAINER CARS
100 TON GONDOLA	7A	1	69000 - 69099	413	70 TON FLAT	12	1	203100 - 3249	CL F 24
		1	69500 - 69524	413			2	203250 - 3349	F 26
		2	44800 - 44824	EQUIPPED WITH REMOV. COVERS f BULKHEADS			3	3105 - 3189	15 CARS WITH END BULKHEADS
70 TON CONTAINER	8	1	76200 - 76249	445 OLD NKP 75000-75049	HEAVY DUTY FLAT	13	1	202900 - 2901	CL F-27
		2	76250 - 76269	446 OLD NKP 75050-75069			2	202902	135 Ton FLAT F 30
		3	76270 - 76282	447 OLD NKP 75070-75081			3	202903	125 Ton DEPRESSED FLAT F 32
		3	76283 - 76292	447			4	202904	250 Ton FLAT F-31
100 TON CONTAINER	9	1	76000 - 76019	445	50 TON HOPPER	14	1	30750 - 31749	
		2	76100 - 76144	449			3	33000 - 33074	
		3	76150 - 76164	450			4	33075 - 33324	
40 TON FLAT	10	1	202600 - 2649	CL F 14			5	33325 - 33824	
						6	61000 - 61999	WLE DIST	
50 TON FLAT	11	1	201900 - 1999	WLE DIST. CL F-15			7	62000 - 63649	WLE DIST
		2	202700 - 2724	F 17			8,8A	63650 - 64399	WLE DIST
		3	202725 - 2774	F 16					
		4	202775 - 2849	F 19					
		5	203000 - 3049	F 20					

TYPE OF CAR	GR	SH	CAR NOS.	REMARKS	TYPE OF CAR	GR	SH	CAR NOS.	REMARKS
50 TON FLAT	11	4	2775 - 2849		70 TON HOPPER	15	1	78000 - 78999	WLE DIST.
		5	3000 - 3049				2	79000 - 80999	WLE DIST.
		6	2500 - 2572	FORGING CONTAINER CARS					
		7	2554 - 2575	DOUBLE DECK CONTAINER CARS					
70 TON FLAT	12	1	3100 - 3249		50 TON DRY BULK	16	1	99605 - 99629	
		2	3250 - 3349				2	99630 - 99639	
		3	3105 - 3189	15 CARS WITH END BULKHEADS			3	517 - 552	
		4	2500 - 2572						
HEAVY DUTY FLAT	13	1	2900 - 2901		70 TON DRY BULK	17	1	1 - 12	OLD WLE 7000 - 7011
		2	2902	135 TON FLAT			2	13 - 30	OLD WLE 7012 - 7029 19-30 HAVE ROLLER BEARINGS
		3	2903	125 TON DEPRESSED FLAT			3	90000 - 90049	
		4	2904	250 TON FLAT			4	90050 - 90099	
		5	2905, 2907	200 TON DEPRESSED FLAT			5	91000 - 91049	
		6	2906, 2908	250 TON DEPRESSED FLAT			6	91050 - 91111	
50 TON HOPPER	14	1	30750 - 31749				7	91112 - 91261	
		3	33000 - 33074				8	99500 - 99509	
		4	33075 - 33324				9	99700 - 99724	
		5	33325 - 33824				10	99725 - 99799	
		6	61000 - 61999	WLE DIST.			11	99800 - 99807	
		7	62000 - 63649	WLE DIST.			12	99808 - 99832	
		8	63650 - 64399	WLE DIST.			13	99833 - 99857	
		9	99000 - 99449				12	99858 - 99932	
							14	91262 - 91461	
			15	500-516, 553-645			AIRSLIDE CARS		
			16	91500 - 91599					
			17	90200 - 90234					
			18	90500 - 90564					
			19	646 - 695					

TYPE OF CAR	GR.	SH.	CAR NOS.	REMARKS	TYPE OF CAR	GR.	SH.	CAR NOS.	REMARKS
50 TON HOPPER	14				70 TON DRY BULK	17	13	99833 - 99857	HC 45
							12	99858 - 99932	HC 44
							14	91262 - 91481	HC 28
70 TON HOPPER	15	1	78000 - 78999	WLE DIST	100 TON DRY BULK	17A	1	90600 - 90624	Equipped with PNEUMATIC UNLOADERS
		2	79000 - 80999	WLE DIST.			1	90800 - 90849	HC 23
		3	34000 - 34499				2	290550 - 290574	
50 TON DRY BULK	16	1	99605 - 99629		HIGHWAY TRAILERS	18	1	T-1 TO T-25	VAN - 6'-6" INSIDE HT. AT SIDES UNITS-25
		2	99630 - 99639				2	T-200 TO T-209	VAN - 7'-0" INSIDE HT. AT SIDES UNITS-10
		3	517 - 552	HC 26			3	T-100 TO T-104	VAN CURB SIDE DOOR UNITS-5
70 TON DRY BULK	17	1	1-12	HC 20 OLD WLE 7000-7011	4	T-800 TO T-824	OPEN TOP TYPE UNITS-25		
		2	13-30	HC 21 OLD WLE 7012-7029 HC 24 12-30 HAVE ROLLER SIDINGS	5	T-900 TO T-904	INSULATED TYPE UNITS-5		
		3	90000 - 90049	HC 39	6	T-700 TO T-709	FLAT BED UNITS-10		
		4	90050 - 90099	HC 30	7	T-210 TO T-234	VAN 7'-1 1/2" INSIDE HT. AT SIDES UNITS-25		
		5	91000 - 91049	HC 35	8	T-600 TO T-614	FLAT BED WITH 4" PLYWOOD REMOVABLE SIDES UNITS-12		
		6	91050 - 91111	HC 36	9	T-235 TO T-249	VAN 7'-4 1/2" INSIDE HT. AT SIDES UNITS-15		
		7	91112 - 91261	HC 37	10	T-905 TO T-909	INSULATED TYPE UNITS-5		
		8	99500 - 99509	HC 40	11	T-825 TO T-829	OPEN TOP TYPE UNITS-5		
		9	99700 - 99724	HC 41	12	T-720 TO T-739	FLAT BED UNITS-20		
		10	99725 - 99799	HC 42	13	T-250 TO T-279	VAN TYPE UNITS-30		
		11	99800 - 99807	HC 43					
		12	99808 - 99832	HC 44					

TYPE OF CAR	GR	SH	CAR NOS.	REMARKS	UNITS	TYPE OF CAR	GR	SH	CAR NOS.	REMARKS
HIGHWAY TRAILERS	18	1	T-1 TO T-25	VAN - 6'-6" INSIDE HEIGHT AT SIDES	25	FLAT CARS EQUIPPED FOR HAULING HIGHWAY TRAILERS	19	1	6 CARS IN 3000-3049	
		2	T-200 TO T-209	VAN 7'-0" INSIDE HEIGHT AT SIDES	10			2	18 CARS IN 3000-3049	
		3	T-100 TO T-104	VAN CURB SIDE DOOR	5			3	71 CARS IN 1900-1999	
		4	T-800 TO T-824	OPEN TOP TYPE	25			4	30 CARS IN 2600-2649	
		5	T-900 TO T-904	INSULATED TYPE	5			5	2000 - 2259	
		6	T-700 TO T-709	FLAT BED	10			6	2263 - 2264	
		7	T-210 TO T-234	VAN 7'-1 1/2" INSIDE HEIGHT AT SIDES	25					
		8	T-600 TO T-614	FLAT BED WITH 4'-0" PLYWOOD REMOVABLE SIDES	15					
		9	T-235 TO T-249	VAN 7'-4 1/2" INSIDE HEIGHT AT SIDES	15					
		10	T-905 TO T-909	INSULATED TYPE	5					
		11	T-825 TO T-829	OPEN TOP TYPE	5					
		12	T-720 TO T-739	FLAT BED	20					
		13	T-250 TO T-279	VAN TYPE	30					
		14	T-745 TO T-779	FLAT BED	35					
		15	T-615 TO T-629	FLAT BED - REMOVABLE SIDES	15					
		16	T-910 TO T-919	INSULATED VAN	10					
		17	T-280 TO T-319	VAN 8'-0 1/4" INS. HEIGHT	40					
		18	T-630 TO T-659	FLAT BED REMOVABLE SIDES	30					
		19	T-710 TO T-719	FLAT BED	10					
		19	T-740 TO T-744	FLAT BED	5					
		19	T-780 TO T-799	FLAT BED	20					
		19	T-1000 TO T-1004	FLAT BED	5					
20	T-920 TO T-949	INSULATED VAN	30							
21	T-830 TO T-839	OPEN TOP	10							
22	T-1005 TO T-1039									



WIN. DOVS	KIND OF TRUCK	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A	SIZE OF JOU RNA	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	10-8 1/2	9-11	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	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	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	105, 106	
1-2	RIGID	11-2	16-3 1/2	14-5 1/2	10-9	9-0	14-9	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, 136, 140
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	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	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

51 CARS TOTAL

NO INFORMATION ON THESE CARS

74, 77, 80, 82, 93, 107, 108, 109, 115, 121, 130, 132, 134, 143, 146, 147

GENERAL DATA		CENTER SILL	SIDE BEARING CENTERS	MISCELLANEOUS
BUILT BY	YEAR BUILT	CENTER SILL AREA	SHEATHING	NOTE 1: 'P' APPLIES ONLY TO CARS HAVING CUPOLA OFF CENTER
CAPACITY LEVEL FULL - CU. FT.	CAPACITY WITH 10 IN. HEAP CU. FT.	CENTER SILL COVER PLATE	SUPERSTRUCTURE	NOTE 2: TRUCKS RIGID OR SWING MOTION SEE TABLE
AVERAGE LOAD LIMIT - LBS.	AVERAGE LIGHT WEIGHT - LBS.	COUPLER	UNDERFRAME	14 CARS WITH SWING MOTION TRUCKS
BUILDERS REFERENCE	R. R. SPEC. NO.	COUPLER RELEASE RIGGING	TRUCK DATA	37 CARS WITH RIGID TRUCKS
		DOOR	BOLSTER	40 TON RIGID FREIGHT CAR TRUCKS APPLIED TO CARS 82, 100, 134
		DOOR FIXTURES	BRAKE BEAM	THE SWING MOTION TRUCK USED ON THESE CARS ARE WOOD TYPE WITH ARCH BARS.
		DOOR CLEAR OPENING	BRAKE BEAM SAFETY	
		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		

46-147

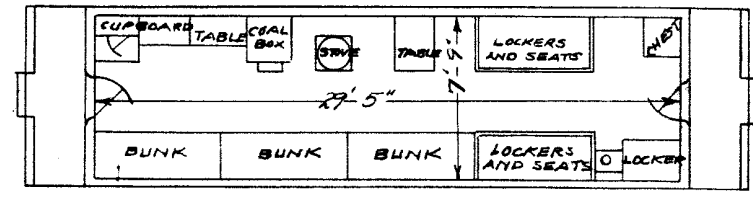
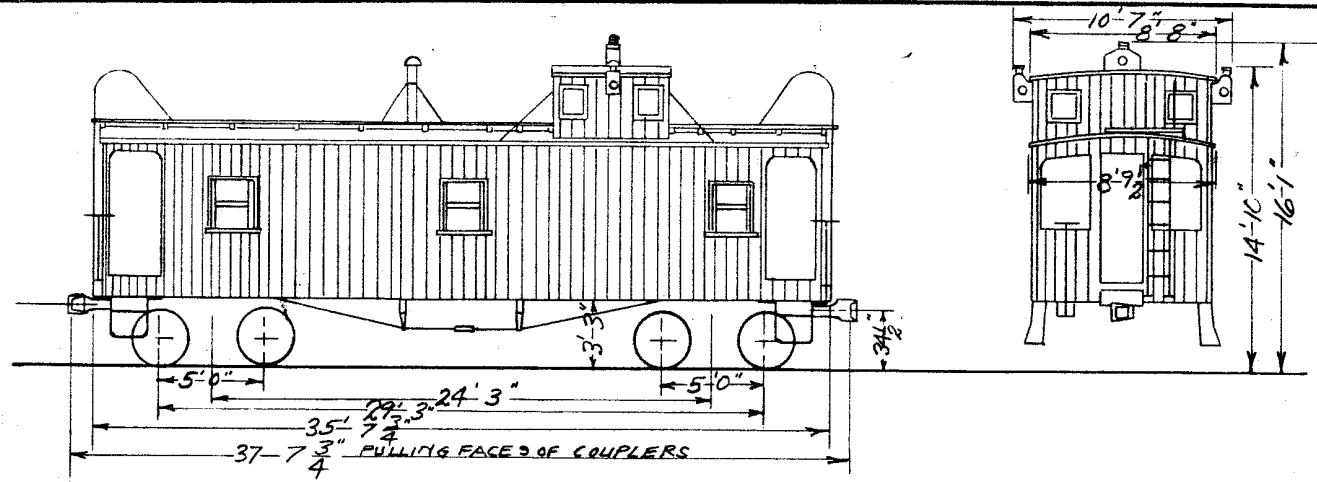
CLASS CARS

CABOOSE

N.K.P.

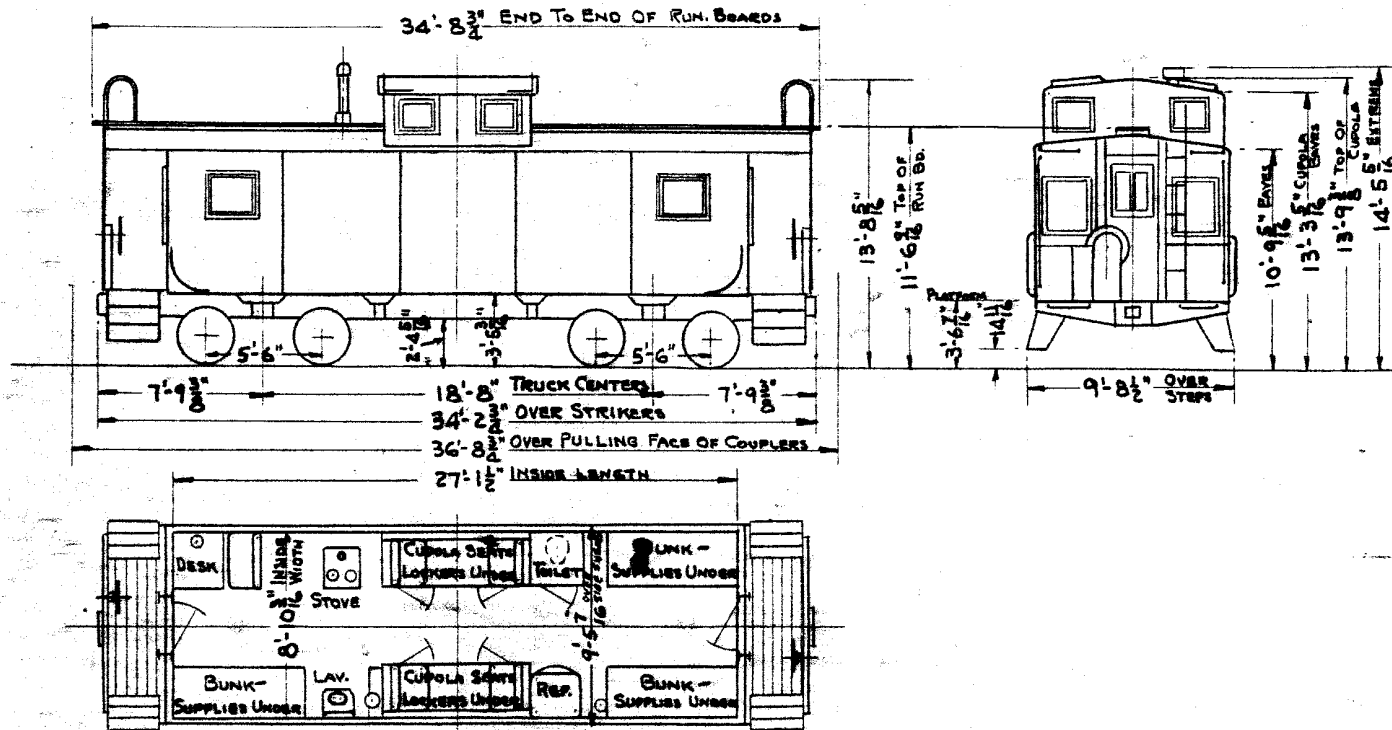
ADVISORY MECHANICAL COMMITTEE CLEVELAND OHIO JULY 2, 1934

A/B/C		REVISIONS	
DR	TR	CH	GROUP NO.
1	1	1	1



9-CARS	212, 239
	220, 240
	226,
	244
	231, 245
	253
CLASS	CARS

GENERAL DATA BUILT BY: <i>J.S.L. & W.R.R.</i> YEAR BUILT: <i>SEE NOTE-1</i> CAPACITY LEVEL: FULL - CU. FT. CAPACITY WITH 16 IN. HEAP CU. FT. AVERAGE LOAD LIMIT - LBS. AVERAGE LIGHT WEIGHT - LBS. <i>35000</i> BUILDERS REFERENCE R. R. SPEC. NO.		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>		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 & 1471K</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, 237, 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> 40 TON RIGID FREIGHT CAR TRUCKS	
CABOOSE									
N.K.P.									
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JULY 3, 1934									
REVISIONS									
12-15	1-11-1	52							
DR	TR	CH	GROUP NO.	SHEET NO.					
HM	HM	093	1	2					

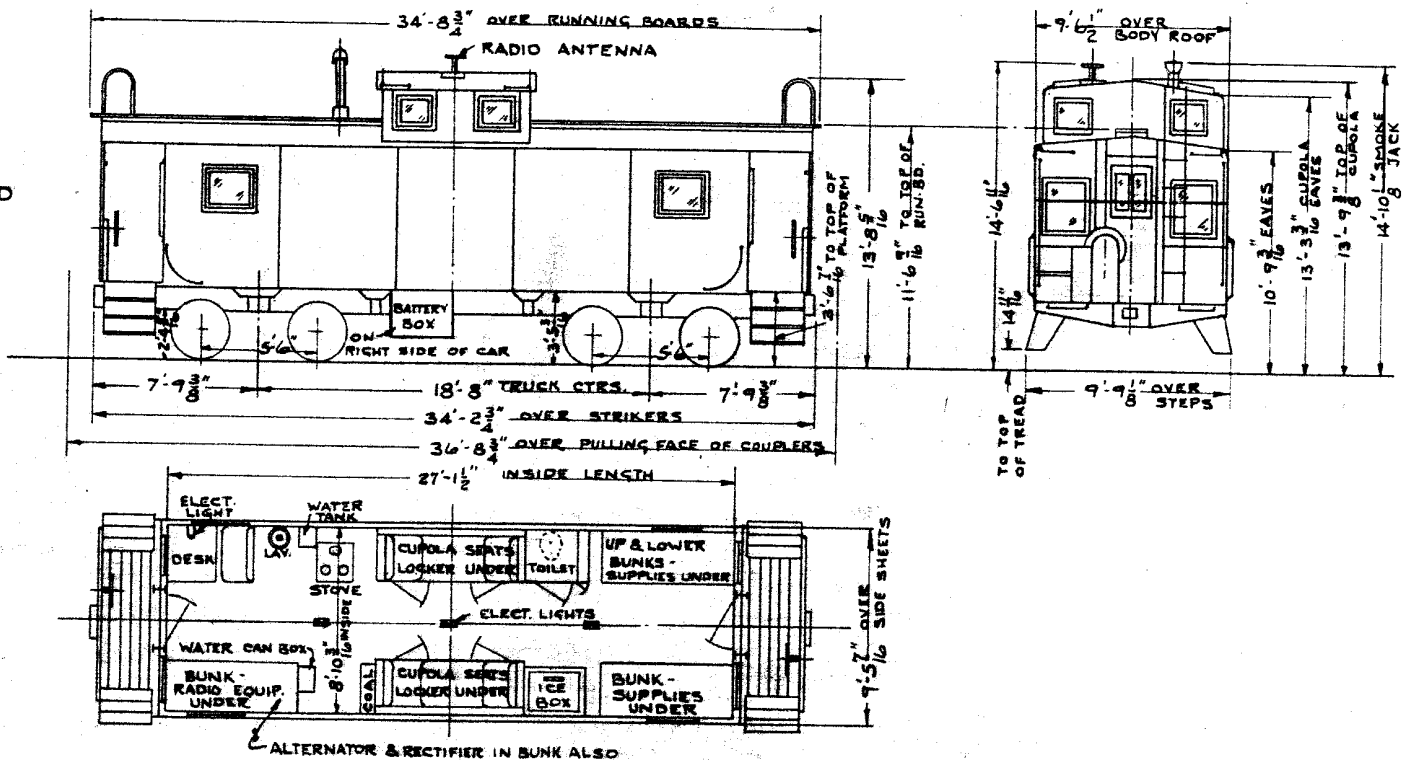


61-CARS

GENERAL DATA		CENTER SILL A.A.R. 288 SECTION AT 56.2 LBS PER FT		SIDE BEARING CENTERS 4'-8"		MISCELLANEOUS	
BUILT BY	WLE IRONVILLE SHOP	CENTER SILL AREA	21.3 SQ. IN.	SHEATHING	1/8" O.H. STEEL	CARS EQUIPPED WITH:	
YEAR BUILT	1948 AND 1949	CENTER SILL COVER PLATE		SUPERSTRUCTURE	O.H. STEEL	BROOKS-BETTENDORF TYPE SWING MOTION	
CAPACITY LEVEL FULL—CU. FT.		COUPLER	A.A.R. TYPE "E" 6 1/2" x 8" SHANK	UNDERFRAME	O.H. STEEL	CABOOSE TRUCK	
CAPACITY WITH 10 IN. HEAP CU. FT.		COUPLER RELEASE RIGGING	WLE TOP LIFT	TRUCK DATA			
AVERAGE LOAD LIMIT—LBS.		DOOR		BOLSTER	CAST STEEL	APEX TRI-LOCK RUNNING BOARDS	
AVERAGE LIGHT WEIGHT—LBS.	45300	DOOR FIXTURES		BRAKE BEAM	A.A.R. NR 18	AMWELD SLACK ADJUSTERS	
BUILDERS REFERENCE		DOOR CLEAR OPENING		BRAKE BEAM SAFETY	1/2" x 2 1/2" x 3" ANGLES RIVETED AT BOL. ENDS	DED-NOX INSULATION	
R. R. SPEC. NO.		DRAFT GEAR	MINER A-28 XB	CENTER PLATE	CAST INTEGRAL WITH BOLSTER	SERVEL KEROSENE REFRIGERATOR	
CAR BODY DATA		DRAFT GEAR ATTACHMENT	C.S. YOKE	GENERAL DRAWING OF TRUCK NO.			
AIR BRAKE MFG.	W.A.B. Co.	ENDS		JOURNAL	4 1/2" x 8"		
AIR BRAKE SCHEDULE	"AB"	END LOAD RATIO	.0509	SIDE BEARING	STUCKI		
BODY BOLSTER	BUILT-UP STEEL	FLOORING	OAK 1 1/2" T. & G. - 2 COURSES	SIDE FRAME	CAST STEEL INTEGRAL BOX		
BODY CENTER PLATE	DROP FORGED	GENERAL DRAWING OF CAR—NO.	WLE SK-2828	SPRING	DOUBLE ELLIPTIC		
BODY SIDE BEARING	AXLE STEEL CAR	HAND BRAKE	TWO - AJAX	WHEELS	MULT. WEAR WEST STEEL		
CARLINES - BODY	1/2" x 2 1/2" x 3" ANGLES	LINING END	1/2" PLYWOOD	WEIGHT OF ONE TRUCK			
		LINING SIDE	1/2" PLYWOOD	CENTER PLATE HEIGHT	2'-1 3/4"		
		ROOF	WLE - ALL STEEL - RIVETED - 1/4 SHEET				

WLE 0200-0260		700-760	
CLASS		CARS	
CABOOSE			
N.K.P.			
MECHANICAL DEPARTMENT			
CLEVELAND, OHIO			
REVISIONS			
1-11-52			
DR	TR	CH	GROUP NO.
OHS	OHS	S.S.	1
			SHEET NO.
			3

"B" END

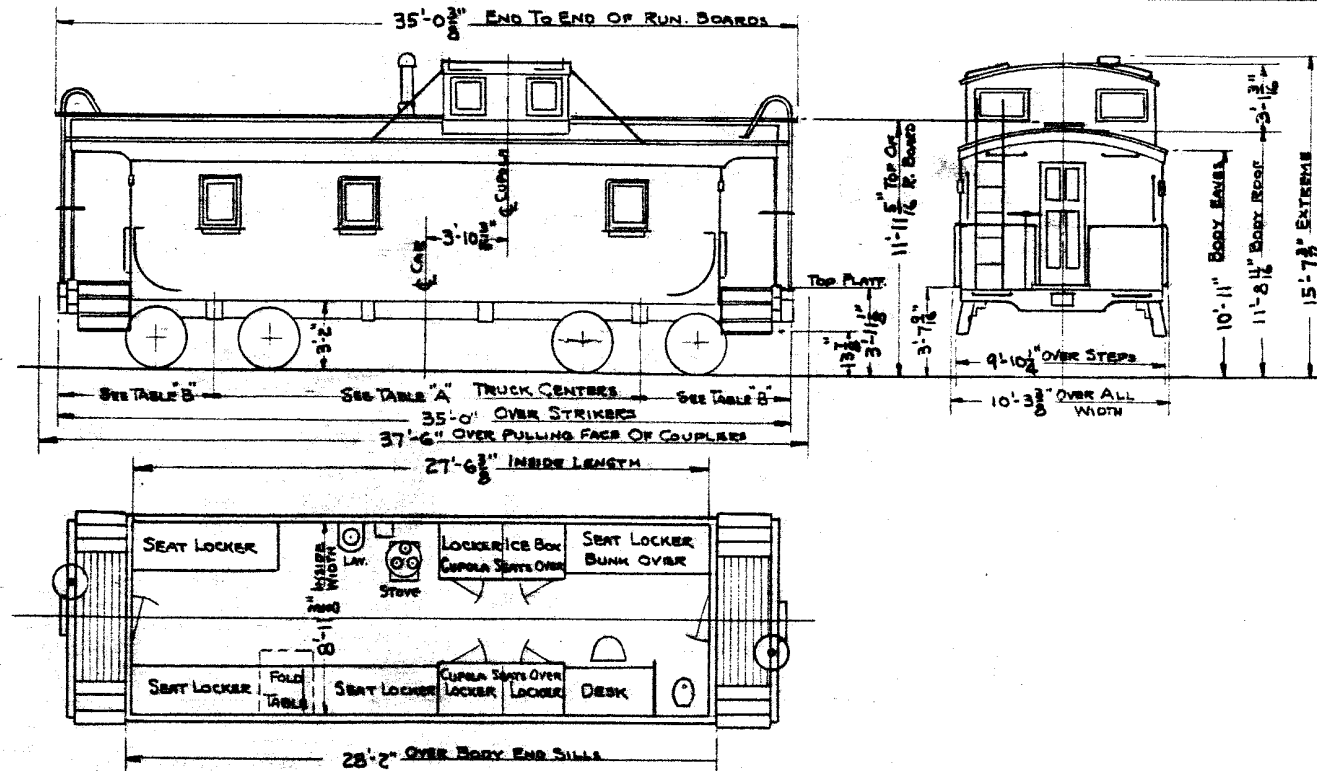


ELECTRICAL EQUIPMENT

- LEECE-NEVILLE 14 VOLT-100 AMPERE ALTERNATOR-RECTIFIER ELECTRIC POWER SYSTEM.
- BATTERY - GOULD KAZ-II-W, 2 CELLS PER TRAY, 3 TRAYS PER CAR
- CEILING LAMPS - 3-LUMINATOR NO. L-9491
- DESK LAMP - 1- LUMINATOR NO. L-10051
- DAYTON RUBBER CO. ALTERNATOR "V" BELT DRIVE
- MARS RED SIGNAL LIGHT-12 VOLT 200 WATT SEAL BEAM
- ELECTRIC CLASSIFICATION LIGHTS
- LIGHT BULBS FOR INSIDE LAMPS AND CLASSIFICATION LAMPS 12 VOLT- 21 C.P.
- BENDIX 2 WAY RADIO.

24 CARS

GENERAL DATA		MISCELLANEOUS	
BUILT BY NKP AT IRONVILLE SHOP	CENTER SILL A.A.R. ZEE SECTION AT 36.2 LBS PER FT.	CARS EQUIPPED WITH THE FOLLOWING:-	
YEAR BUILT 1953 & 1954	CENTER SILL AREA 27.3 SQ. IN.	BARBER-BETTENDORF SWING MOTION TRUCKS.	
CAPACITY LEVEL FULL-CU. FT. -	CENTER SILL COVER PLATE	ADAMS & WESTLAKE EXTRUDED ALUMINUM SASH WITH 3/16" LAMINATED GLASS.	
CAPACITY WITH 10 IN. HEAP CU. FT. -	COUPLER A.A.R. TYPE "D" BOTTOM OPERATING	APEX TRI-LOK TYPE "A" RUNNING BOARD	
AVERAGE LOAD LIMIT-LBS.	COUPLER RELEASE RIGGING SHOP MADE BOTT. OPERTG.	APEX TRI-LOK TYPE B-2-100 STEP TREADS	
AVERAGE LIGHT WEIGHT-LBS. 46700	DOOR WOOD STEEL COVERED-END DOORS	SPRAYED "INSULMAT" INSULATION	
BUILDERS REFERENCE	DOOR FIXTURES -		
R. R. SPEC. NO.	DOOR CLEAR OPENING		
	DOOR CLEAR OPENING		
	DRAFT GEAR MINER A-28XB		
	DRAFT GEAR ATTACHMENT CAST STEEL YOKE		
	ENDS		
	END LOAD RATIO .0509		
	FLOORING OAK 2 5/8" T. & G. - 2 COURSES		
	GENERAL DRAWING OF CAR-NO. 129-9-514		
	HAND BRAKE - TWO - AJAX		
	LINING END 1/2" PLYWOOD		
	LINING SIDE 1/2" PLYWOOD		
	ROOF ALL STEEL RIVETED 1/8" SHEETS		
	SIDE BEARING CENTERS 4'-2"		
	SNEATHING 1/8" O.H. STEEL		
	SUPERSTRUCTURE O.H. STEEL		
	UNDERFRAME O.H. STEEL		
	TRUCK DATA		
	BOLSTER CAST STEEL		
	BRAKE BEAM A.A.R. #18		
	BRAKE BEAM SAFETY 1/4" X 2 1/2" X 3" ANG. RIVETED AT BOLS. CTRS		
	GENERAL DRAWING OF TRUCK NO. 184-3-128		
	JOURNAL 4 1/4" X 8"		
	SIDE BEARING STUCKI		
	SIDE FRAME CAST STEEL-INTEGRAL BOX		
	SPRING DOUBLE ELLIPTIC		
	WHEELS ONE WEAR WROT STEEL		
	WEIGHT OF ONE TRUCK		
	CENTER PLATE HEIGHT 2'-1 3/4"		
		CLASS 761-784 CARS	
		CABOOSE	
		NKP	
		MECHANICAL DEPARTMENT	
		CLEVELAND, OHIO APRIL 3, 1953	
		REVISIONS	
		9-29 57	
		DR TR CH GROUP No. SHEET No.	
		EFC EFC 88. 1 4	

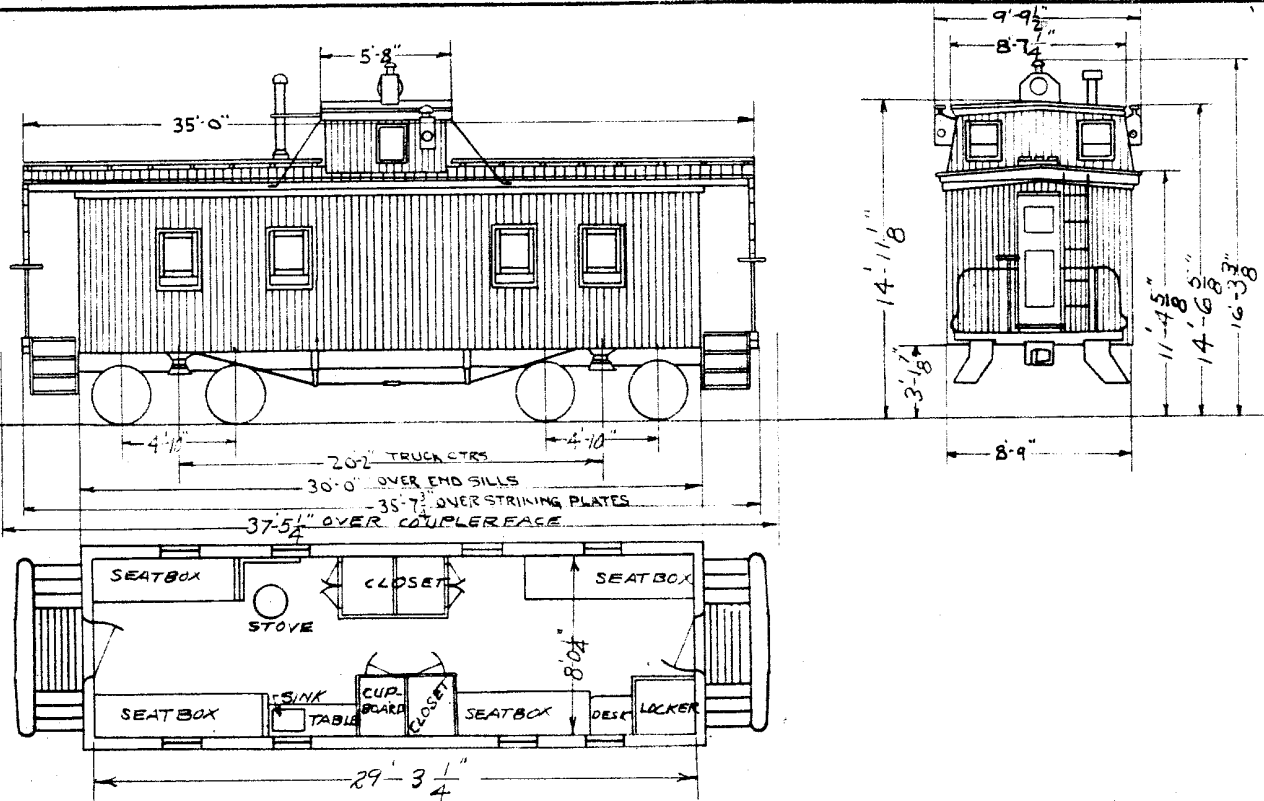


NO. OF CARS	B	A	AIR BRAKES	BUILT	SERIES
3	8'-1"	18'-10"	KC-812	1914	826-829
3	8'-1"	18'-10"	KC-812	1915	831-835
1	8'-1"	18'-10"	KC-812	1916	838
	7'-5"	20'-2"	KD-1012	1931	839
	7'-5"	20'-2"	KD-1012	1937	840
9	7'-5"	20'-2"	KC-812	1917-1918	841-863
16	7'-5"	20'-2"	KC-812	1920-1921	865-894
6	7'-5"	20'-2"	KC-812	1923-1924	895-905
1	7'-5"	20'-2"	KC-812	1928	906
5	7'-5"	20'-2"	KD-1012	1937	911-918

44 TOTAL AS OF 11-1-51

CARS BEING EQUIPPED WITH W.A.S. CO. AB BRAKES

GENERAL DATA		MISCELLANEOUS	
BUILT BY WLE IRONVILLE SHOPS	CENTER SILL 15" CHANS. @ 33 LBS. PER FT. 8 ANGLES	SIDE BEARING CENTERS 5'-0"	MISCELLANEOUS CARS EQUIPPED WITH: SWING MOTION TRUCKS
YEAR BUILT SEE TABLE	CENTER SILL AREA 34.01 SQ. IN	SHEATHING 1 3/8" T. & G.	
CAPACITY LEVEL FULL—CU. FT.	CENTER SILL COVER PLATE 3/4" x 20" STEEL PLT	SUPERSTRUCTURE WOOD	WLE 0826-918 826-918 CLASS CARS WOODEN CABOOSE N.K.P. MECHANICAL DEPARTMENT CLEVELAND, OHIO JAN. 5 1951 REVISIONS 1-11-52 OR TR CH GROUP NO. SHEET NO. 04 ₃ 04 ₅ S.S. 1 5
CAPACITY WITH 18 IN. HEAD CU. FT.	COUPLER 5'7" x 8 1/2" BUTT	UNDERFRAME STEEL AND WOOD	
AVERAGE LOAD LIMIT—LBS.	COUPLER RELEASE RIGGING CAEMER TOP LIFT	TRUCK DATA	
AVERAGE LIGHT WEIGHT—LBS. 41500	DOOR	WOOD AND STEEL PLTS.	
BUILDERS REFERENCE	DOOR FIXTURES	BRAKE BEAM NEZ	
R. R. SPEC. NO.	DOOR CLEAR OPENING	BRAKE BEAM SAFETY EYE BOLTS AND CHAIN	
	DRAFT GEAR MINER D-234	CENTER PLATE MALL. IRON BOLTED TO BOLSTER	
	DRAFT GEAR ATTACHMENT	GENERAL DRAWING OF TRUCK NO. WLE SK-1450	
	ENDS	JOURNAL 5 1/2" x 10"	
	END LOAD RATIO .0408	SIDE BEARING MINER ROLLER	
	FLOORING 1 1/8" T. & G.	SIDE FRAME C. S. INTEGRAL BOX	
	GENERAL DRAWING OF CAR—NO. WLE 3756	SPRING ELLIPTIC-DOUBLE SECTION	
	HAND BRAKE WLE DESIGN HORIZONTAL WHEEL	WHEELS C. I. 750 LB.	
	LINING END 1 3/4" T. & G.	WEIGHT OF ONE TRUCK	
	LINING SIDE 1 3/4" T. & G.		
	ROOF WOOD—CANVAS COVERED		

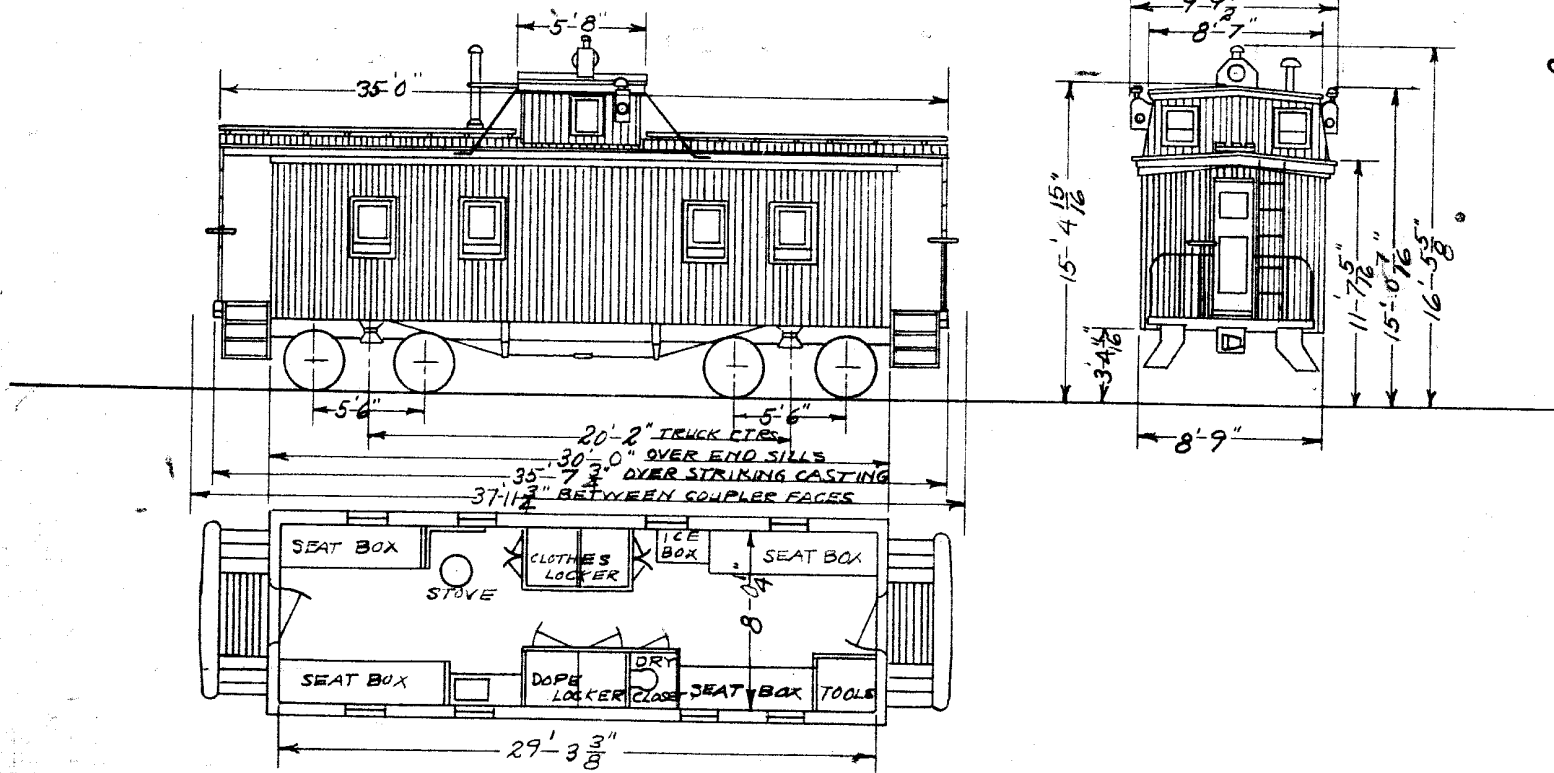


BUILT	BUILDER	CARS	NO. OF CARS
1881-8283	LAFAYETTE CAR WKS	1000-1080	62
1888	PENINSULAR CAR WKS	1082-1095	12
1900-1901	STONY ISLAND	1096-1121	18
1907	AMER. CAR & FDY. CO.	1122-1140	15
1909	AMER. CAR & FDY. CO.	1141-1155	13
1913	STONY ISLAND	1156-1175	17
1916	STONY ISLAND	1176-1185	9
1921-22	CONNEAUT	1186-1191	5
1923	CONNEAUT	1192	1
TOTAL			152

NOTE: - A FEW CARS IN THIS SERIES STILL HAVE TRUCKS AS SHOWN ON DWG. 7228-D.

GENERAL DATA	TRUCK DATA	MISCELLANEOUS
BUILT BY <u>SEE TABLE</u>	SIDE BEARING CENTERS <u>5'-2"</u>	ALL CARS HAVE SWING MOTION TRUCKS
YEAR BUILT <u>SEE TABLE</u>	BOLSTER - <u>STEEL</u>	
CAPACITY LEVEL FULL - CU. FT. -	BRAKE BEAM - <u>STEEL</u>	
CAPACITY WITH 10 IN. HEAP CU. FT. -	BRAKE BEAM SAFETY - <u>2" X 2" X 1/4" ANG.</u>	
AVERAGE LOAD LIMIT - LBS. -	CENTER PLATE - <u>INTEGRAL</u>	
AVERAGE LIGHT WEIGHT - LBS. - <u>39100</u>	GENERAL DRAWING OF TRUCK NO. <u>184-7-130 AND 184-3-128</u>	
BUILDERS REFERENCE -	JOURNAL - <u>4 1/4 X 8"</u>	
R. R. SPEC. NO. -	SIDE BEARING - <u>INTEGRAL</u>	
CENTER SILL <u>10" - 35# CHAN.</u>	SIDE FRAME - <u>STEEL</u>	
CENTER SILL AREA - <u>25.4 SQ. IN.</u>	SPRING - <u>ELLIPTIC</u>	
CENTER SILL COVER PLATE <u>1/4" X 1 9/16"</u>	WHEELS - <u>33 IN.</u>	
COUPLER <u>5" X 5"</u>	WEIGHT OF ONE TRUCK <u>6840 LBS.</u>	
COUPLER RELEASE RIGGING <u>TOP OPER.</u>		
DOOR -		
DOOR FIXTURES -		
DOOR CLEAR OPENING -		
DRAFT GEAR <u>TANDEN SPRING</u>		
DRAFT GEAR ATTACHMENT -		
ENDS -		
END LOAD RATIO - <u>.0779</u>		
FLOORING <u>7/8 SQ. EDGE</u>		
GENERAL DRAWING OF CAR NO. <u>1270-E</u>		
HAND BRAKE <u>WHEEL & SHAFT</u>		
LINING END <u>7/8" T & S</u>		
LINING SIDE <u>7/8" T & S</u>		
ROOF <u>WOOD</u>		

CLASS		1000-1192	
CARS		CARS	
CABOOSE			
N.K.P.			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JUNE 29, 1934			
A/B 5/2/12/16/18/3 1934/1936/39		REVISIONS	
DR	TR	CH	GROUP NO.
G.	C.T.	qq	1
			SHEET NO. 6



CABOOSES 1206, 1208
EQUIPPED WITH AXLE DRIVEN 12 VOLT ALTERNATOR,
BATTERIES, RADIO, AND ELECTRIC LIGHTS, AT
SONNEAUT 1952-1963

13-CARS

GENERAL DATA		MISCELLANEOUS	
BUILT BY SONNEAUT	CENTER SILL 10" 35# CHAN.	SIDE BEARING CENTERS 51'-2"	BARBER SWING MOTION TRUCKS
YEAR BUILT 1924	CENTER SILL AREA -30.29 SQ. IN.	SHEATHING 3/16" T.B.G.	
CAPACITY LEVEL FULL - CU. FT.	CENTER SILL COVER PLATE 1/4" X 1 7/8"	SUPERSTRUCTURE WOOD	
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER 5" X 7"	UNDERFRAME REPAIRED STEEL	
AVERAGE LOAD LIMIT - LBS.	COUPLER RELEASE RIGGING TOP OPER.		
AVERAGE LIGHT WEIGHT - LBS. 42320	DOOR	TRUCK DATA	
BUILDERS REFERENCE	DOOR FIXTURES	BOLSTER STEEL	
R. R. SPEC. NO.	DOOR CLEAR OPENING	BRAKE BEAM STEEL	
	DRAFT GEAR TANDEN SPRING	BRAKE BEAM SAFETY 2 X 2 X 1/4" L	
	DRAFT GEAR ATTACHMENT	CENTER PLATE INTEGRAL	
	ENDS	GENERAL DRAWING OF TRUCK NO. 184-7-130 AND 184-3-128	
CAR BODY DATA		JOURNAL 4 1/4" X 8"	
AIR BRAKE MFG.	END LOAD RATIO - .0459	SIDE BEARING INTERGAL	
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 ELLIPTIC	
BODY CENTER PLATE PATT. A-606	HAND BRAKE WHEEL & SHAFT	WHEELS 33"	
BODY SIDE BEARING PATT. A-612	LINING END 1 3/16" T.B.G.	WEIGHT OF ONE TRUCK 6840#	
CARLINES WOOD	LINING SIDE 1 3/16" T.B.G.		
	ROOF WOOD		

1194-1208

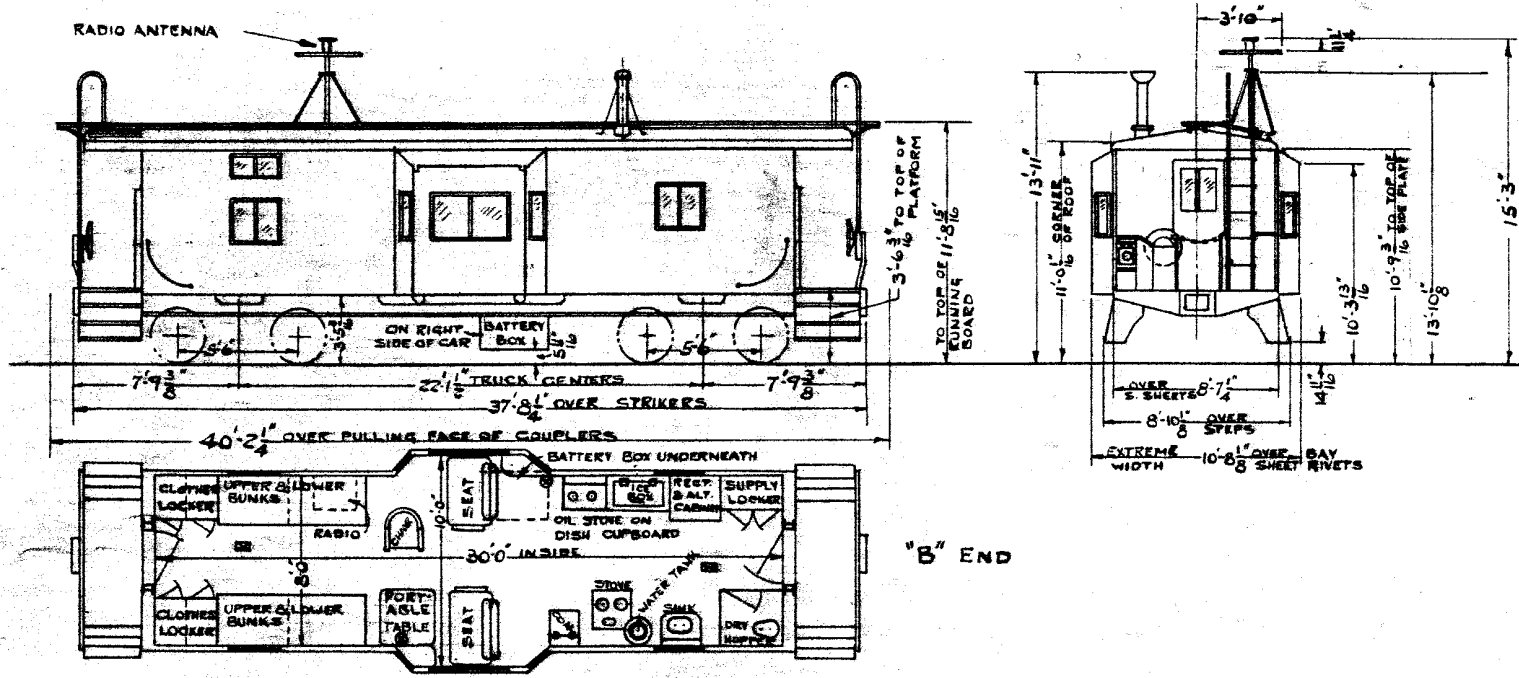
CABOOSE

N.K.P.

ADVISORY MECHANICAL COMMITTEE
CLEVELAND, OHIO JULY 2, 1934

REVISIONS			
NO.	DATE	BY	REASON
1	1-11-32	AM	
2	3-26-32	AM	
3	5-26-32	AM	

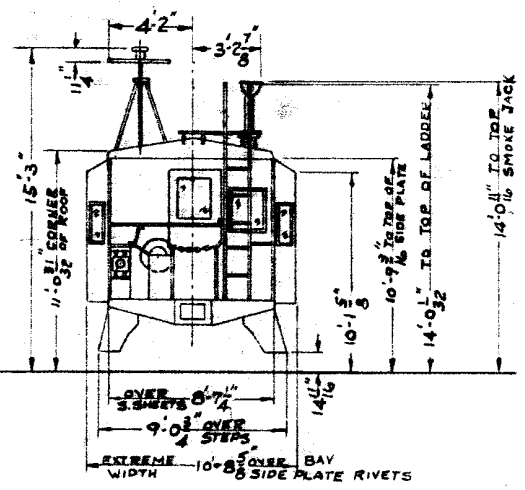
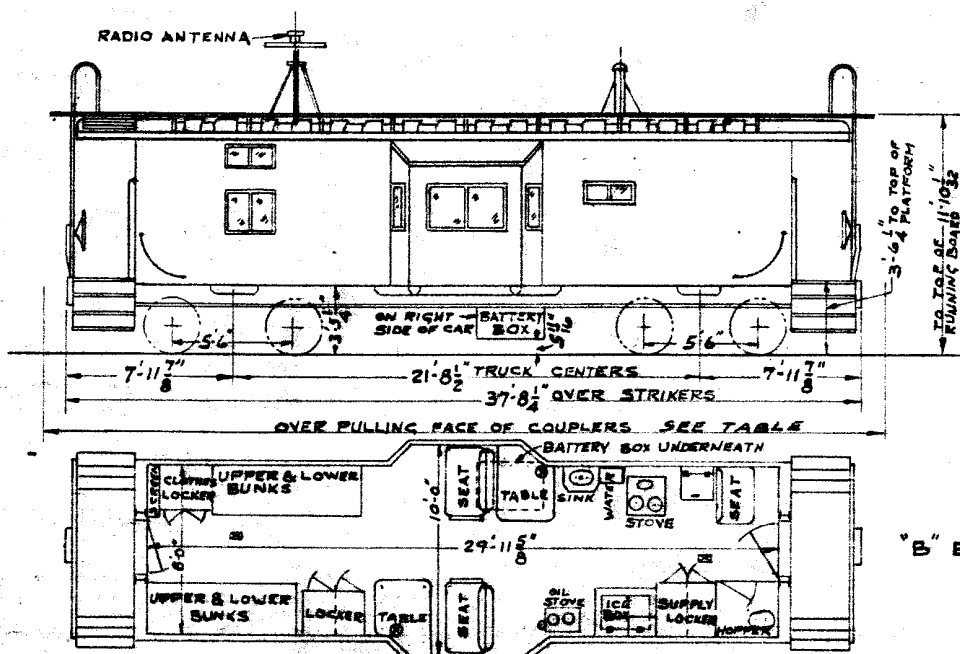
DR	TR	CH	GROUP NO.	SHEET NO.
LH	LHM	AM	1	7



ELECTRICAL EQUIPMENT

- ① LEECE-NEVILLE 14 VOLT - 100 AMPERE ALTERNATOR-RECTIFIER ELECTRIC POWER SYSTEM.
- ② BATTERY - GOULD KAZ-II-W, 2 CELLS PER TRAY, 3 TRAYS PER CAR
- ③ CEILING LAMPS - 2- LUMINATOR NO. L-9491
- ④ DESK LAMPS - 2- LUMINATOR NO. L-10051
- ⑤ DAYTON RUBBER CO. ALTERNATOR V-BELT DRIVE
- ⑥ MARS RED SIGNAL LIGHT - 12 VOLT - 200 WATT SEAL BEAM
- ⑦ ELECTRIC CLASSIFICATION LIGHTS
- ⑧ LIGHT BULBS FOR INSIDE LAMPS AND CLASSIFICATION LAMPS 12 VOLT-21 C.P.
- ⑨ BENDIX 2 WAY RADIO.

GENERAL DATA		MISCELLANEOUS	
BUILT BY - NKP AT IRONVILLE, O.	CENTER BILL A.A.R. SEE SECTION 36.24 PER FT.	CARS EQUIPPED WITH:	
YEAR BUILT - MAY 1952	CENTER BILL AREA 21.3 SQ. IN.	BARBER-BETTENDORF SWING MOTION TRUCKS	
CAPACITY LEVEL FULL - CU. FT. -	CENTER BILL COVER PLATE -	ADAMS & WESTLAKE EXTRUDED ALUMINUM SASH WITH 3/16" LAMP GLASS	
CAPACITY WITH 10 IN. HEAP CU. FT. -	COUPLER A.A.R. TYPE "E" BOTT. OPER. 6 1/2" x 8"	APEX TRI-LOK - TYPE "A" RUNNING BOARD	
AVERAGE LOAD LIMIT - LBS. -	COUPLER RELEASE RIGGING SHOP MADE - BOTT. OPER.	APEX TRI-LOK - TYPE "D-2" PLATFORMS AND STEP TREADS.	
AVERAGE LIGHT WEIGHT - LBS. - 4,700	DOOR - METAL WOOD END DOORS	AMWELD TRUCK SLACK ADJUSTER	
BUILDERS REFERENCE -	DOOR FITTINGS -	SPRAYED "DEAD NOX" INSULATION	
R. R. SPEC. NO. -	DOOR CLEAR OPENING -	SHEATHING 1/8" O.H. STEEL	
CAR BODY DATA		SUPERSTRUCTURE STEEL	
AIR BRAKE MFG. -	DRAFT GEAR MINER A-28 XB	UNDERFRAME STEEL	
AIR BRAKE SCHEDULE "A B"	DRAFT GEAR ATTACHMENT - CAST STEEL YOKE	TRUCK DATA	
BODY BOLSTER BUILT UP STEEL	ENDS -	BOLSTER CAST STEEL	
BODY CENTER PLATE DROP FORGED	END LOAD RATIO .0509	BRAKE BEAM A.A.R. NO. 18	
BODY SIDE BEARING AXLE STEEL	FLOORING OAK - 1 3/16" T.&G. DOUBLE COURSE	BRAKE BEAM SAFETY - 2 1/2" x 3" x 1/4" ANGLES	
CARLINES 2 1/2" x 3" x 1/4" ANGLES	GENERAL DRAWING OF CAR - NO.	CENTER PLATE CAST INTEGRAL WITH BOLSTER	
	HAND BRAKE TWO - ATAX	GENERAL DRAWING OF TRUCK NO. 184-3-128	
	LINING END 1/2" FIR PLYWOOD	JOURNAL 4 1/4" x 8"	
	LINING SIDE 1/2" FIR PLYWOOD	SIDE BEARING STUCKI	
	ROOF SHOP BUILT - WELDED 1/2" STEEL	SIDE FRAME CAST STEEL WITH INTEGRAL BOX	
		SPRING DOUBLE ELLIPTIC	
		WHEELS ONE WEAR WROT STEEL	
		WEIGHT OF ONE TRUCK	
		CTR. PLY. NGHT. 2'-1 3/4"	
		CLASS 400	
		CARS	
		BAY WINDOW CABOOSE	
		NKP	
		CLEVELAND, OHIO AUG. 8, 1952	
		REVISIONS	
		B-24 53	
		DR TR CH GROUP NO. SHEET NO.	
		E _F E _C 88. 1 8	



ELECTRICAL EQUIPMENT

- ① LEECE-NEVILLE 14 VOLT-100 AMPERE ALTERNATOR-RECTIFIER ELECTRIC POWER SYSTEM
- ② BATTERY-GOULD KAZ-11-W, 2 CELLS PER TRAY, 3 TRAYS PER CAR.
- ③ CEILING LAMPS - 2- LUMINATOR NO. L-9491
- ④ DESK LAMPS - 2- LUMINATOR NO. L-10051
- ⑤ DAYTON RUBBER CO. ALTERNATOR "V" BELT DRIVE
- ⑥ MARKS RED SIGNAL LIGHT - 12 VOLT - 200 WATT SEAL BEAM.
- ⑦ ELECTRIC CLASSIFICATION LIGHTS
- ⑧ LIGHT BULBS FOR INSIDE LAMPS AND CLASSIFICATION LIGHTS, 12 VOLT-21 CANDLE POWER
- ⑨ BENDIX 2 WAY RADIO. CABOOSES 401-425 ONLY.
- ⑩ RADIO CONDUIT APPLIED TO CABOOSES 426-450 FOR FUTURE APPLICATION OF RADIO UNITS.

NOTE-1:
 CABOOSES 426-450 HAVE OIL STOVES & OIL STORAGE TANKS. SOME CABOOSES IN SERIES 401-425, OPERATING IN STATES REQUIRING SANITARY FACILITIES, HAVE OIL STOVES, OIL STORAGE TANKS, OVERHEAD WATER TANKS, & FLUSH HOPPERS.

DESCRIPTION	CABOOSES 401-425	CABOOSES 426-450
OVER COUP PULL FACE	40'-2 1/4"	40'-8 1/4"
BUILT BY	NKP - IRONVILLE	NKP - CONNEAUT
YEAR BUILT	1956 - 1956	1960
AVERAGE LT. WT.	48,100 LBS	
DRAFT GEAR	MINER A 28-XB	MINER CR-6-2

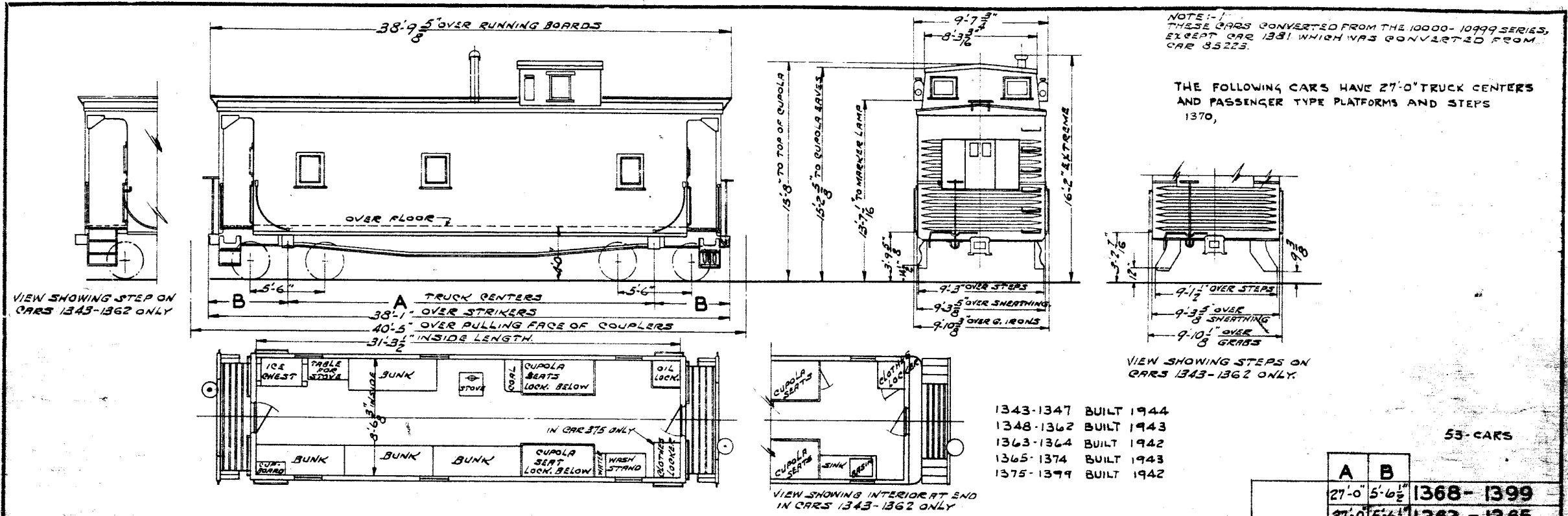
GENERAL DATA	
BUILT BY	SEE TABLE
YEAR BUILT	SEE TABLE
CAPACITY LEVEL FULL - CU. FT.	-
CAPACITY WITH 16 IN. HEAP CU. FT.	-
AVERAGE LOAD LIMIT - LBS.	-
AVERAGE LIGHT WEIGHT - LBS.	SEE TABLE
BUILDERS REFERENCE	-
R. R. SPEC. NO.	-

CENTER SILL	A.A.R. ZEE SECTION @ 1.2" PER FT.
CENTER SILL AREA	24.24 SQ. IN.
CENTER SILL COVER PLATE	-
COUPLER	A.A.R. TYPE "E" BOTT. OPER. 6 1/4" X 8"
COUPLER RELEASE RIGGING	SNAP MADE - BOTT. OPER.
DOOR	MET-LWOOD END DOORS
DOOR PICTURES	-
DOOR CLEAR OPENING	-
DRAFT GEAR	SEE TABLE
DRAFT GEAR ATTACHMENT	CAST STEEL YOKE
ENDS	-
END LOAD RATIO	.0461
FLOORING	OAK - 3/4" T & G, DOUBLE COURSE
GENERAL DRAWING OF CAR - NO.	139-11-631
HAND BRAKE	AJAX (TWO)
LINING END	1/2" FIR PLY WOOD
LINING SIDE	1/2" FIR PLY WOOD
ROOF	S. R. S. M. CO. DIAGONAL PANEL

SIDE BEARING CENTERS	4'-2"
SHEATHING	1/8" O.H. STEEL
SUPERSTRUCTURE	STEEL
UNDERFRAME	STEEL
TRUCK DATA	
BOLSTER	CAST STEEL
BRAKE BEAM	A.A.R. NO. 18
BRAKE BEAM SAFETY	2 1/2" X 3 1/4" ANGLE
CENTER PLATE CAST	INFERAL WITH BOLSTER
GENERAL DRAWING OF TRUCK NO.	184-3-128
JOURNAL	4 1/4" X 8"
SIDE BEARING	STUCKI
SIDE BEARING	CAST STEEL WITH INTEGRAL BOX
SPRING	DOUBLE ELIPTIC
WHEELS	ONE WEAR WROT STEEL
WEIGHT OF ONE TRUCK	7200 #
CTR. FLT. HCAT	2'-1 1/4"

MISCELLANEOUS	
CARS EQUIPPED WITH:	
BARBER-BETTENDORF SWING MOTION TRUCK	
ADAMS & WESTLAKE EXTRUDED ALUMINUM BASH WITH 3/16" LAMINATED GLASS.	
APEX TRI LOK-TYPE "A" RUNNING BOARDS	
APEX TRI LOK-TYPE B-2-160 PLATFORMS & STEP TREADS.	
WINE BRAKE BALANCE	
SPRAYED "INSULMAT" INSULATION	

426-450	
401-425	
CLASS	
CARS	
BAY WINDOW CABOOSE	
NKP	
CLEVELAND, OHIO	
OCT. 10, 1955	
REVISIONS	
10-9-60	10-10-60
DR	TR
CH	GROUP NO.
EFC	EFC
1	9



GENERAL DATA		MISCELLANEOUS	
BUILT BY-AC&F FOR 10000 SERIES, H&K FOR 35000 SERIES	CENTER SILL - BUILT UP STEEL	SIDE BEARING CENTERS - 5'-0"	40 TON RIGID FREIGHT CAR TRUCKS
YEAR BUILT - AC&F CARS 1916, H&K CARS 1917	CENTER SILL AREA - 23.66 SQ. IN.	SHEATHING - 13/16" T&G	
CAPACITY LEVEL FULL - CU. FT.	CENTER SILL COVER PLATE - 1/4" X 20 1/4"	SUPERSTRUCTURE - WOOD	
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER - RAR TYPE "D" 3" X 7" SHANK	UNDERFRAME - STEEL	
AVERAGE LOAD LIMIT - LBS.	COUPLER RELEASE RIGGING - IMPERIAL		
AVERAGE LIGHT WEIGHT - LBS.	DOOR - WOOD	TRUCK DATA	
BUILDERS REFERENCE - AC&F CARS LOT 8040	DOOR FIXTURES	BOLSTER - CAST STEEL PAT. A-911	
R. R. SPEC. NO. - LOT 100 FOR AC&F BUILT CARS	DOOR CLEAR OPENING - 2'-2" X 6'-7"	BRAKE BEAM - NO. 2	
	DRAFT GEAR - MINER A-23-EB	BRAKE BEAM SAFETY - 2" X 2" X 3/8" ANGLE	
	DRAFT GEAR ATTACHMENT - C.S. YOKER	CENTER PLATE - CAST STEEL	
	ENDS - CORRUG. STEEL	GENERAL DRAWING OF TRUCK NO.	
	END LOAD RATIO - .087	JOURNAL - 3" X 9"	
	FLOORING - 1 3/4" SHIP LAP	SIDE BEARING	
	GENERAL DRAWING OF CAR - NO.	SIDE FRAME - CAST STEEL PAT. A-985	
	HAND BRAKE - WHEEL & SHAFT BOTH ENDS	SPRING - ELLIPTIC 2 PER TRUCK DWG 76-2-230	
	LINING END - 13/16" T&G	WHEELS - 33" DIA.	
	LINING SIDE - 13/16" T&G	WEIGHT OF ONE TRUCK	
	ROOF - WOOD CANVAS COVERED	GTR. PLT. WGT. - 242"	

53- CARS

SEE NOTE-1	A	B	
	27'-0"	5'-6 1/2"	1368 - 1399
	27'-0"	5'-6 1/2"	1363 - 1365
	25'-6"	6'-3 1/2"	1343 - 1362

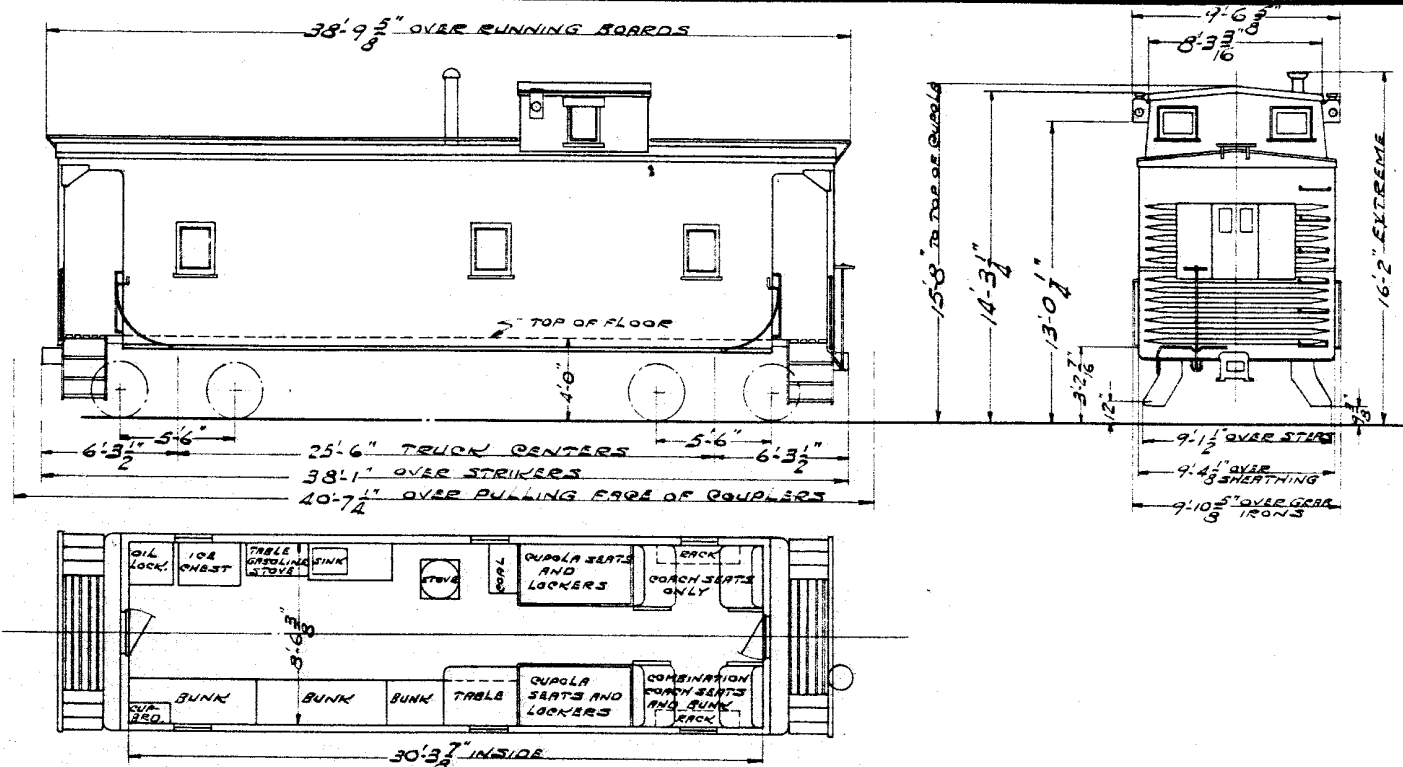
CLASS CARS

CABOOSE

N.K.P.

ADVISORY MECHANICAL COMMITTEE
 CLEVELAND, OHIO JULY 6, 1942

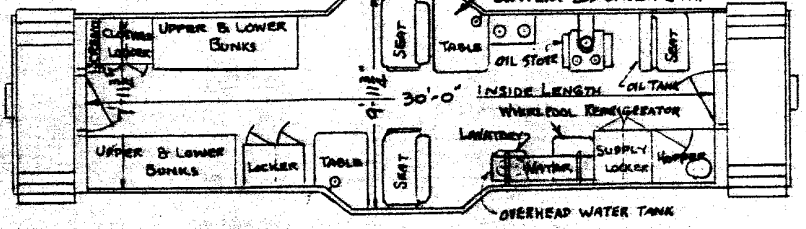
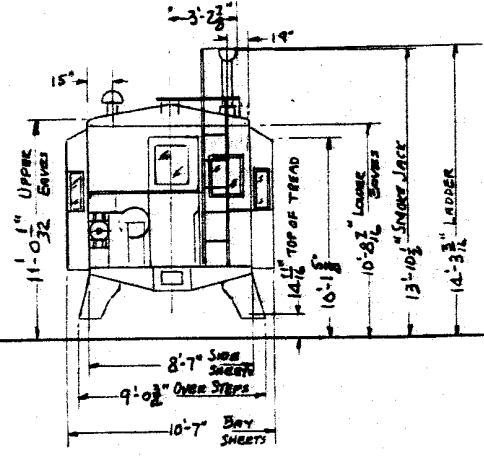
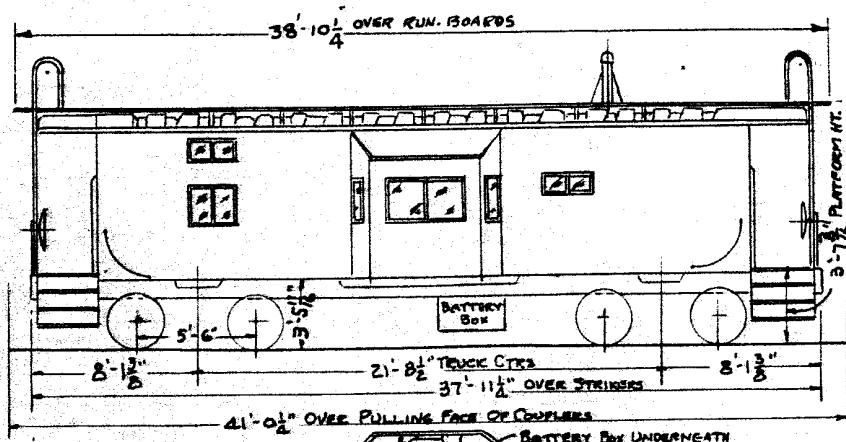
REVISIONS				
1-11-3-24				
52	53			
DR	TR	CH	GROUP NO.	SHEET NO.
J	J		1	10
G	G			



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

2 - CARS

GENERAL DATA BUILT BY - <i>A.B.F. Co. SEE NOTE:-1</i> YEAR BUILT - <i>1916 SEE NOTE:-1</i> CAPACITY LEVEL FULL - CU. FT. _____ CAPACITY WITH 10 IN. HEAP CU. FT. _____ AVERAGE LOAD LIMIT - LBS. _____ AVERAGE LIGHT WEIGHT - LBS. _____ BUILDERS REFERENCE - <i>LOT 8040</i> R. R. SPEC. NO. <i>LOT 100</i>		CAR BODY DATA AIR BRAKE MFG. - <i>N.Y.A.B. Co.</i> AIR BRAKE SCHEDULE - <i>NQ 1012</i> BODY BOLSTER - <i>BUILT UP STEEL</i> BODY CENTER PLATE - <i>CAST STEEL</i> BODY SIDE BEARING _____ CARLINES - <i>PERSSO STEEL QUPLA. CHANNELS</i>		CENTER SILL - BUILT UP STEEL CENTER SILL AREA - <i>23.66 SQ. IN.</i> CENTER SILL COVER PLATE - <i>1/4" X 20 1/4"</i> COUPLER - <i>RR TYPE "D" 5' X 7" SHANK</i> COUPLER RELEASE RIGGING - <i>IMPERIAL</i> DOOR - <i>WOOD</i> DOOR FIXTURES _____ DOOR CLEAR OPENING - <i>2'-2" X 6'-7"</i> DRAFT GEAR - <i>MINER A-28-1B</i> DRAFT GEAR ATTACHMENT - <i>Q.S. YOKE</i> ENDS - <i>CORRUG. STEEL</i> END LOAD RATIO - <i>.057</i> FLOORING - <i>1 3/4" SHIP LAP</i> GENERAL DRAWING OF CAR - NO. _____ HAND BRAKE - <i>WHEEL & SHAFT</i> LINING END - <i>13/16" T&G</i> LINING SIDE - <i>13/16" T&G</i> ROOF - <i>WOOD CANVAS COVERED</i>		MISCELLANEOUS FLOOR PLAN - <i>139-A-382</i> 40 TON RIGID FREIGHT CAR TRUCKS		CLASS 1366 - 1367 CARS																																							
		TRUCK DATA BOLSTER - <i>Q.S. PAT. A-911</i> BRAKE BEAM - <i>NO. 2</i> BRAKE BEAM SAFETY - <i>2' X 2' X 3/8" ANGLE</i> CENTER PLATE - <i>CAST STEEL</i> GENERAL DRAWING OF TRUCK NO. _____ JOURNAL - <i>5' X 9"</i> SIDE BEARING _____ SIDE FRAME - <i>Q.S. PAT. A-985</i> SPRING - <i>ELLIPTIC 2-PER TRUCK 76-2-230</i> WHEELS - <i>33" DIA.</i> WEIGHT OF ONE TRUCK - <i>7200 #</i> QTR. PLT. HGT. <i>2'-2"</i>		REVISIONS <table border="1"> <tr> <td>1-11</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>52</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>DR</td> <td>TR</td> <td>CH</td> <td colspan="2">GROUP NO.</td> <td colspan="5">SHEET NO.</td> </tr> <tr> <td>JG</td> <td>JG</td> <td></td> <td colspan="2">1</td> <td colspan="5">11</td> </tr> </table>		1-11										52										DR	TR	CH	GROUP NO.		SHEET NO.					JG	JG		1		11					CABOOSE N.K.P. ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO NOV 1943	
1-11																																															
52																																															
DR	TR	CH	GROUP NO.		SHEET NO.																																										
JG	JG		1		11																																										



- ELECTRICAL EQUIPMENT
- ① LEECE-NEVILLE 14 VOLT - 100 AMPERE ALTERNATOR-RECTIFIER ELECTRIC POWER SYSTEM
 - ② BATTERY - GOULD-KAZ-11W, 2 CELLS PER TRAY 3 TRAYS PER CAB
 - ③ CEILING LAMPS - 2 - LUMINATOR NO L-9491
 - ④ DESK LAMPS - 2 - LUMINATOR NO 10051
 - ⑤ DAYTON RUBBER CO ALTERNATOR "V" BELT DRIVE
 - ⑥ PYLE-N. RED SIGNAL LIGHT - 12 VOLT - 200 WATT SEAL BEAM
 - ⑦ PYLE-NATL. MIDGET ELEC. CLASSIFICATION LAMPS
 - ⑧ LIGHT BULBS FOR INSIDE LAMPS & CLASS. LIGHTS - 12 V. 21 C.P.
 - ⑨ CONDUIT APPLIED FOR FUTURE APPLICATION OF RADIO

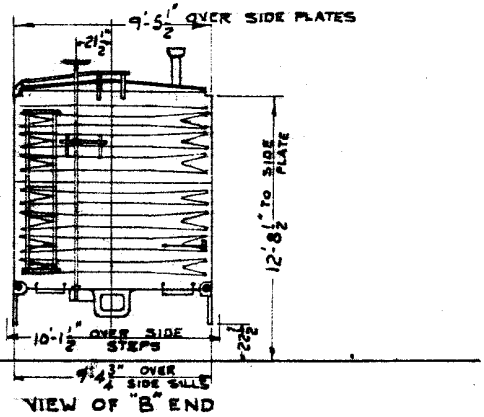
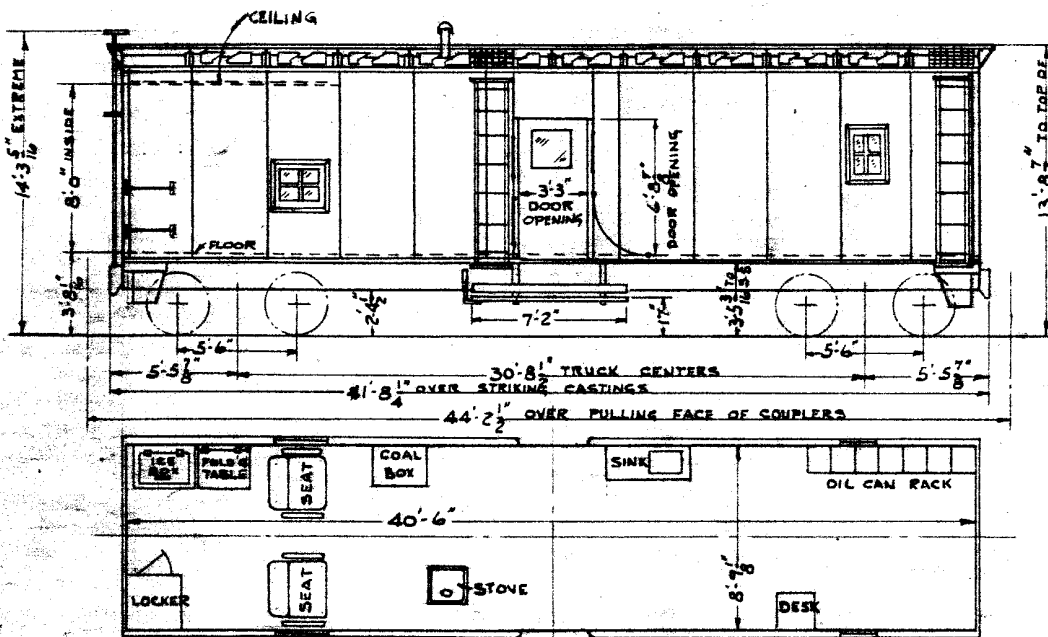
GENERAL DATA	
BUILT BY	MORRISON INTERNATIONAL CORP. KENTON, OHIO
YEAR BUILT	1962
CAPACITY LEVEL FULL	CU. FT.
CAPACITY WITH 10 IN. HEAD CU. FT.	
AVERAGE LOAD LIMIT	LBS.
AVERAGE LIGHT WEIGHT	LBS. 48100
BUILDERS REFERENCE	LOT 750, SPECIF. 298
R. R. SPEC. NO.	
CAR BODY DATA	
AIR BRAKE MFG.	NY A.B. Co
AIR BRAKE SCHEDULE	"AB" 1012
BODY BOLSTER	BUILT UP STEEL
BODY CENTER PLATE	DEEP FORGED
BODY SIDE BEARING	AXLE STEEL
CAR LINES	1/4" DRESSED SEAM CAPS

CENTER SILL AREA	2 @ 41.2" PER FOOT
CENTER SILL AREA	24-24 SQ. IN.
CENTER SILL COVER PLATE	
COUPLER ASSEMBLY	2" BOIT OVER 6 1/4" x 8" x 2 1/2" SHANK
COUPLER RELEASE RIGGING	SID. RY. CO. CO. ROTARY
DOOR	NET-L WOOD END DOORS
DOOR FIXTURES	
DOOR CLEAR OPENING	
DRAFT GEAR	MILNER CR-6-2, RUBBER-6" TRAVEL
DRAFT GEAR ATTACHMENT	CAST STEEL YOKES Y-40
ENDS	
END LOAD RATIO	.0461
FLOORING	SEE MISC.
GENERAL DRAWING OF CAR	NO.
HAND BRAKE	10 CARS BRUNO - 20 CARS ALAN NES. 2 SETS
LINING END	1/2" FIRE PLYWOOD
LINING SIDE	1/2" FIRE PLYWOOD
ROOF	S.E.M. CO. DIAG. PANEL RIVETED

SIDE BEARING CENTERS	4'-8"
SHEATHING	1/8" STEEL
SUPERSTRUCTURE	STEEL
UNDERFRAME	STEEL
TRUCK DATA	
BOLSTER	C.S. BARBER-BETTENDORF - SWING MOTION TRUCK
BRAKE BEAM	NO. 18 UNIT TYPE
BRAKE BEAM SAFETY GUIDES	CAST IN SIDE FRAME
CENTER PLATE	CAST INTEGRAL WITH BOLSTER
GENERAL DRAWING OF TRUCK NO.	
JOURNAL	4 1/2" x 8"
SIDE BEARING	STEEL 5B2-C
SIDE FRAME	CAST STEEL
SPRING	36" DOUBLE FULL ELLIPTIC
WHEELS	33" DIA., ONE WEAR WROG STEEL
WEIGHT OF ONE TRUCK	7200 LBS.
CEN. PLATE HT.	2'-1 3/4"

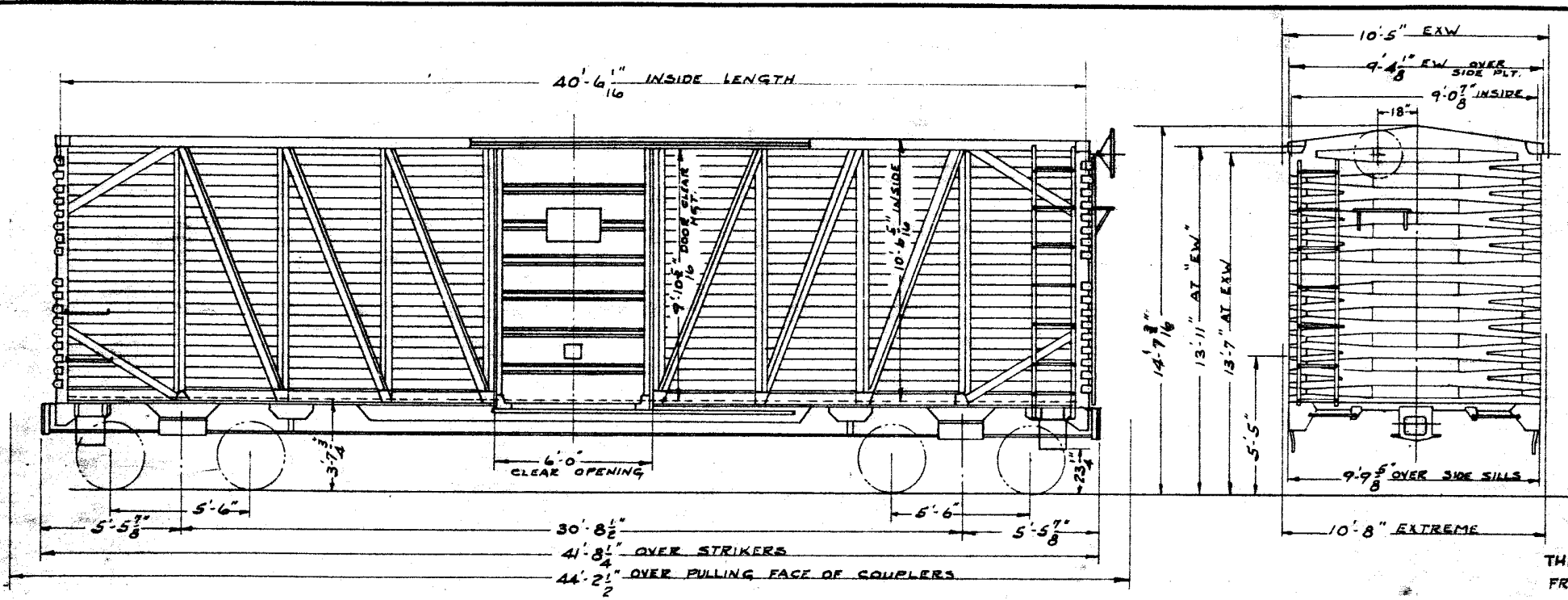
MISCELLANEOUS	
SANITARY FACILITIES - OVERHEAD WATER TANK, FLUSH TOILET	
WIRE TRUCK BRAKE BALANCES	
DIPNEX SPRAYED INSULATION ON SIDES & ENDS	
CABIN HEATER - MODEL TCH NISE (OIL)	
ALADDIN B-400 EMERGENCY OIL LAMP	
RUN. DOG, STEP TREADS, & PLATFORMS - APEX	
ADAMS & WESTLAKE EXTENSOR ALUMINUM SEEN WITH 3/16" LAMINATED GLASS	
SUB FLOOR Y.P. 1 1/2" T.B.G. CROSSWISE WITH TOP BEAM	
30" WIDE 1/2" THICK DOWNLOC. DOOR TO DOOR. BALANCE OF TOP FLOOR 2 1/2" Y.P. T.B.G. WITH PLYWOOD FILLER	
4" THICK FIBER GLASS INSULATION IN CEILING	
JOURNAL LUBRICATORS	
KEROSENE ACTIVATED REFRIGERATOR.	

CLASS		451-500	
BAY WINDOW CABOOSE		CARS	
NKP			
ADVISORY MECHANICAL COMMITTEE			
CLEVELAND, OHIO			
REVISIONS			
OR	TR	CH	GROUP NO.
CH ₃	TR ₃	SS	1
			SHEET NO.
			12



THESE CARS WERE REMODELED FROM CARS IN SERIES 13000-13499

GENERAL DATA BUILT BY - NKP AT CONNEAUT SHOP FROM SERIES 13000 YEAR BUILT 1951 CAPACITY LEVEL FULL - CU. FT. CAPACITY WITH 10 IN. HEAP CU. FT. AVERAGE LOAD LIMIT - LBS. AVERAGE LIGHT WEIGHT - LBS. BUILDERS REFERENCE R. R. SPEC. NO.		CAR BODY DATA AIR BRAKE MFG. N.V.A.B.CO. AIR BRAKE SCHEDULE "A" BODY BOLSTER BUILT UP STEEL BODY CENTER PLATE DROP FORGED STEEL BODY SIDE BEARING CARLINES 1/8" SEAM CAPS		TRUCK DATA CENTER SILL A.R.A. STAND. 40.3 W/PER FT. CHAN. CENTER SILL AREA 29.815 SQ. IN. CENTER SILL COVER PLATE 1/4" X 25 1/2" STEEL COUPLER A.A.R. TYPE "E" 6 1/4" X 8" BOTT. OPERATING COUPLER RELEASE RIGGING ROTARY BOTT. OPERATING DOOR - SLIDING TYPE, STEEL & WOOD - SHOP MADE DOOR FIXTURES - SHOP MADE DOOR CLEAR OPENING 3' 3" X 6' 8 1/8" DRAFT GEAR - WAUGH 403 DRAFT GEAR ATTACHMENT - CAST STEEL YOKE ENDS - DREADNAUGHT END LOAD RATIO .0348 FLOORING 1 3/4" PLUS 1 1/2" T & G - YELLOW PINE & FIR GENERAL DRAWING OF CAR - NO. 139-11-506 HAND BRAKE - WHEEL & SHAFT LINING END - 13/16" T. & G. - FIR LINING SIDE - 13/16" T. & G. - FIR ROOF - MURPHY - ALL STEEL		MISCELLANEOUS NOTE - 1: CARS ARE EQUIPPED WITH APEX TRI LOK RUNNING BOARDS.		CLASS 300 RIDER CARS NKP CLEVELAND, OHIO JANUARY 8, 1952 REVISIONS 12-6-50 5A 5B DR TR CH GROUP NO. SHEET NO. EFC E.P. S.S. 1 13	
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THESE CARS CONVERTED FROM 8000-8199 SERIES.

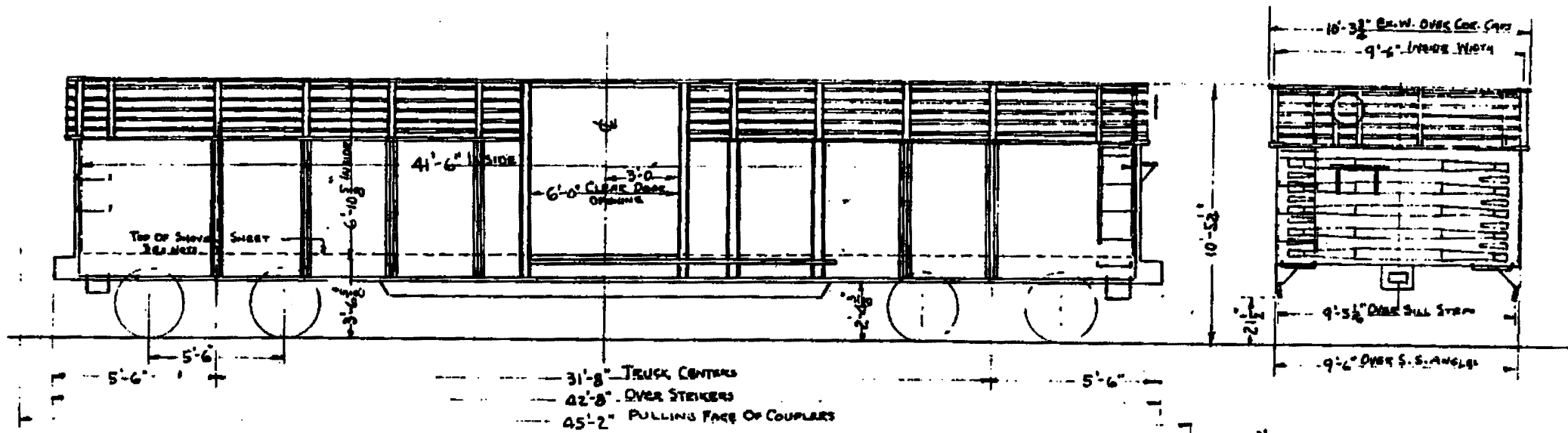
GENERAL DATA	
BUILT BY	PULL. STAND. CAR MFG. MICH. CITY, IND.
YEAR BUILT	APRIL 1944
CAPACITY LEVEL FULL—CU. FT.	3868
CAPACITY WITH 10 IN. HEAP CU. FT.	4170
AVERAGE LOAD LIMIT—LBS.	134,500
AVERAGE LIGHT WEIGHT—LBS.	42,500
BUILDERS REFERENCE	LOT 3766
R. R. SPEC. NO.	7 CB
CAR BODY DATA	
AIR BRAKE MFG.	W.A.B. CO.
AIR BRAKE SCHEDULE	"AB" 10"x12"
BODY BOLSTER	BUILT UP STEEL
BODY CENTER PLATE	DROP FORGED
BODY SIDE BEARING	HARDENED AXLE STEEL WEDGE TYPE
CARLINES	—

CENTER SILL—2 AAR "Z" SECTIONS 36.2 LBS PER FT.
CENTER SILL AREA 21.30 SQ. IN.
CENTER SILL COVER PLATE —
COUPLER AAR 6 1/4" X 8" TYPE "E" BOTT. OPER. T.G.
COUPLER RELEASE RIGGING STAND, 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 C.S. YOKE
ENDS DREADNAUGHT 1/4" BOTT. 3/16" TOP
END LOAD RATIO 0.509
FLOORING 1 1/4" X 5 1/16" T. & G.
GENERAL DRAWING OF CAR—NO. 139-11-375
HAND BRAKE AJAY
LINING END 25/32" X 5 3/16" T. & G.
LINING SIDE —
ROOF —

SIDE BEARING CENTERS — 4'-2"	
SHEATHING 1 1/2" X 5 1/16" T. & G.	
SUPERSTRUCTURE — STEEL FRAME	
UNDERFRAME — STEEL	
TRUCK DATA	
BOLSTER — C.S. DOUBLE TRUSS	
BRAKE BEAM A.A.R. NO. 18	
BRAKE BEAM SAFETY CREGG 3 POINT	
CENTER PLATE CAST INTEGRAL	
GENERAL DRAWING OF TRUCK NO. —	
JOURNAL 5 1/2" X 10"	
SIDE BEARING — STUCKI ROLLER TYPE	
SIDE FRAME C.S. DOUBLE TRUSS-INTEGRAL BOX	
SPRING SEE NOTE-1	
WHEELS 33" DIA. AAR ONE WEAR W/OUT STEEL	
WEIGHT OF ONE TRUCK 7490 LBS.	
CTR. PLY. HGT. 2'-13/4"	

MISCELLANEOUS	
NOTE:—1 SPRINGS	
A.A.R. COIL 1915 DESIGN 5 OUTER & 1 CARDWELL WESTINGHOUSE TYPE "A" SNUBBER PER NEST.	

CLASS		CARS	
50 TON COKE		120-139	
NKP			
CLEVELAND, OHIO		JULY 20, 1950	
REVISIONS			
DR	TR	CH	GROUP NO.
EE	EE	OH	2
			SHEET NO.
			1



NOTE
 1/2" PLAIN CARBON STEEL
 SHOULD BEAT APPLIES
 1" ABOVE ORIGINAL FLOOR.

CAES	BUILT BY	YEAR BLT	BLDES. KEY	SHEATHING	SUPPERSTR. TUBE	UNDERFRAME	FLOOR	ENDS	TRUCKS	WHEELS
45000-45499	BETHLEHEM STL. CO.	1945	DF-75	1/2" O.H.S.	O.H.S.	O.H.S.	5/8" O.H.S.	3/4" O.H.S.	NAT. FIRE B-1	1WWS
45500-46249	KILSTON STL. CO. CO.	1946	C-2544	3/8" COITEN	COITEN & O.H.S.	COITEN & O.H.S.	1/2" COITEN	3/4" COITEN	ASF BANG.	CAST IRON
46250-46749	BETHLEHEM STL. CO.	1948	DF-122	3/8" MAYARIK	MAYARIK & O.H.S.	MAYARIK & O.H.S.	1/2" MAYARIK	3/4" COITEN	ASF BANG.	CAST IRON

GENERAL DATA
 BUILT BY: SEE TABLE
 YEAR BUILT: SEE TABLE
 CAPACITY LEVEL FULL: CM FT 2715
 CAPACITY WITH 10 IN NEAR CO. FT 3033
 AVERAGE LOAD: TONS 127800
 AVERAGE WEIGHT: LBS 49200
 DIMENSIONS REFERENCE: SEE TABLE
 N. R. APPL. NO. _____

CAR BODY DATA
 W.A.D. Co.
 AP 1012
 BUILT UP STEEL
 DEEP FLOOR
 FORDER AXLE STEEL - HARDENER

CENTER BILL: AAR SEE SECTION @ 41-E LBS. PER FT.
 CENTER BILL AREA: 24.24 SQ. IN.
 CENTER BILL LOWER PLATE
 LOWER: A.A.R. "E" 6 1/2" x 8" SHANK
 COUPLER RELEASE RIGGING: S.R.E. Co. BOTT. OVER.
 UNDER: SHOP MADE
 UNDER FEATURES: CAMEL
 UNDER CLEAR OPENING: 8'-0" x 6'-4 1/4"
 DRAFT GEAR: SEE MISCELLANEOUS
 DRAFT GEAR ATTACHMENT: C. S. YORK
 SPRING: DETROITNAUGHT COIL - SEE TABLE
 END LOAD RATE: .0051
 FEEDING: SEE TABLE
 GENERAL DRAWING OF CAR NO. 199-9-560
 TONGUE BRACKET: AJAY
 LANDING END: -
 LANDING BIRD: -
 SHOCK: -

SIDE WEARING CENTER: 4'-2"
 SHEATHING: SEE TABLE
 SUPERSTR. TUBES: SEE TABLE
 UNDERFRAME: SEE TABLE

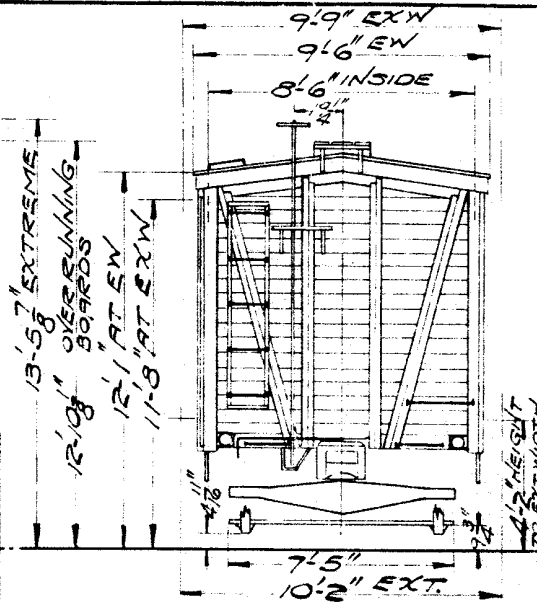
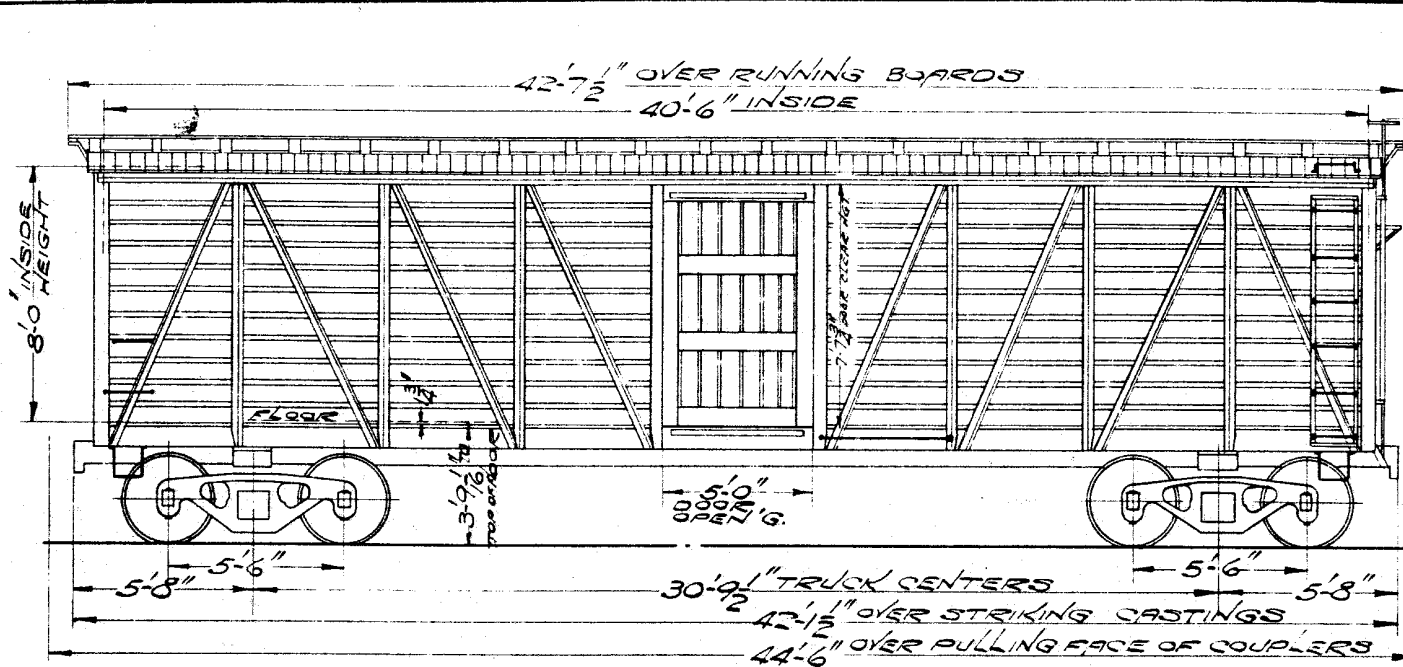
TRUCK DATA
 QUALITY: CAST STEEL
 BRAKE DRUM: SEE MISCELLANEOUS
 BRAKE BEAM SAFETY: SEE MISCELLANEOUS
 CENTER PLATE: CAST INTEGRAL WITH BOULDER
 GENERAL DRAWING OF TRUCK: -
 JOURNAL: 5 1/2" x 10"
 BUSH BEARING: STUCCI ROLLER
 SIDE FRAME: CAST STEEL - SEE TRUCKS IN TABLE
 SPRING: FOUR A.A.R. D-2 DOUBLE COIL PER NEST
 WHEELS: SEE TABLE
 WEIGHT OF LOAD TRUCK: -
 CENTER PLT. HEIGHT: 2'-1 1/4"

MISCELLANEOUS
 DRAFT GEAR
 CARS 45470, 45480, 45748, 45798
 WAUGH 403
 CARD NY-11-F
 46354, 46593, 46627, 46640 M-NER A-22-2L

BEAM BEAM SAFETY SUPPORT
 CARS 45470, 45480, 45748, 46354, 46593, 46627, 46640
 SAFETY LEGS
 GUNDS IN S.F.

BEAM BEAMS
 CARS 45470, 45480, 45748, 46354, 46593, 46627, 46640
 A.A.R. NR 3
 UNIT TYPE

45470	45748	46593	46640
45480	46354	46627	
50 TON COKE			
NKP			
LEVEL AND UNIT			
RE MARKING			
CM	FM	FT	STEEL NO.
015	015	E/C	2-A 1



NOTE-1. SNUB UP SNUBBERS APPLIED TO SOME CARS PER DWG. 76-3-454

EQUIPPED WITH CAMEL STEEL FRAMED DOORS

GENERAL DATA	
BUILT BY - ILL. CAR & MFG. CO.	YEAR BUILT - 1922 REBUILT 1938 TO 1945
CAPACITY LEVEL FULL C. FT. - 2754	CAPACITY WITH 10 IN. HEAR. CU. FT.
AVERAGE LOAD LIMIT LBS. - 101,300	AVERAGE LIGHT WEIGHT LBS. - 40700
BUILDERS REFERENCE	
R. R. SPEC. NO. - 353	
CAR BODY DATA	
AIR BRAKE MFG. - NYAB CO.	AIR BRAKE CONTROL - KC-1012
BODY BOLSTER - BUILT UP STEEL	BODY CENTER PLATE - C.S. PAT. A-842
BODY SIDE LEARNING - WOOD STIP ROLLER	CAR LING - PRESSED STEEL

CENTER SILL - 2-12" 25# CH. 23/12" X 3/12" X 1/2" ANG.	CENTER SILL AREA - 26.02 SQ. IN.
CENTER SILL COVER PLATE - 19 1/2" X 14"	COUPLER - A.R. TYPE "D" 6" X 8"
COUPLER RELEASE RIGGING - IMPERIAL TYPE "B"	DOOR - 7/8" SQ. EDGE SLATS.
DOOR FEATURES - CAMEL NO. 38	DOOR CLEAR OPENING - 5'-0" W, 7'-7 3/4" H
DRAFT GLAR - FARLOW TWIN SPRING	DRAFT BEAR ATTACHMENT - FARLOW 2 KEY
EDGE - WOOD & STEEL	END LOAD RATIO - .045
FLOORING - 1 3/4" SHIP LAP	GENERAL DRAWING OF CAR NO. - 139-11-290
HAND BRAKE - WHEEL & SHAFT PLAIN	INSIDE SHEATHING - 1 3/4" BOARDS SHIP LAP
LINING - SIBT	ROOF - 1 3/16" SINGLE BOARDS T & G

TRUCK DATA	
BOLSTER - C. STEEL PAT. A-852	BRAKE BEAM - NO. 2
BRAKE BEAM SAFETY - 2" X 2" X 30" ANGLES	CENTER PLATE - CAST INTEGRAL
GENERAL DRAWING OF TRUCK NO.	JOURNAL - 5 1/2" X 10"
SIDE BEARING - STEEL PLATE	SIDE FRAME - CAST STEEL PAT. 851
SPRING - A.R. STD. TYPE "C" - NOTE-1	WHEELS - 33" CAST IRON
WEIGHT OF ONE TRUCK - 7850*	CENTER PLATE HEIGHT - 2'-2 3/4"

MISCELLANEOUS	
EQUIPPED WITH CAMEL STEEL FRAMED DOORS	

CONVERTED FROM 40000-40149 SERIES JULY-DEC 1945	41225-41273
CONVERTED FROM 40000-40149 SERIES. 1942	41200-41224
CONVERTED FROM 40000-40149 SERIES. 1938	41000-41014
CONVERTED FROM 40000-40149 SERIES. 1933	41100-41174

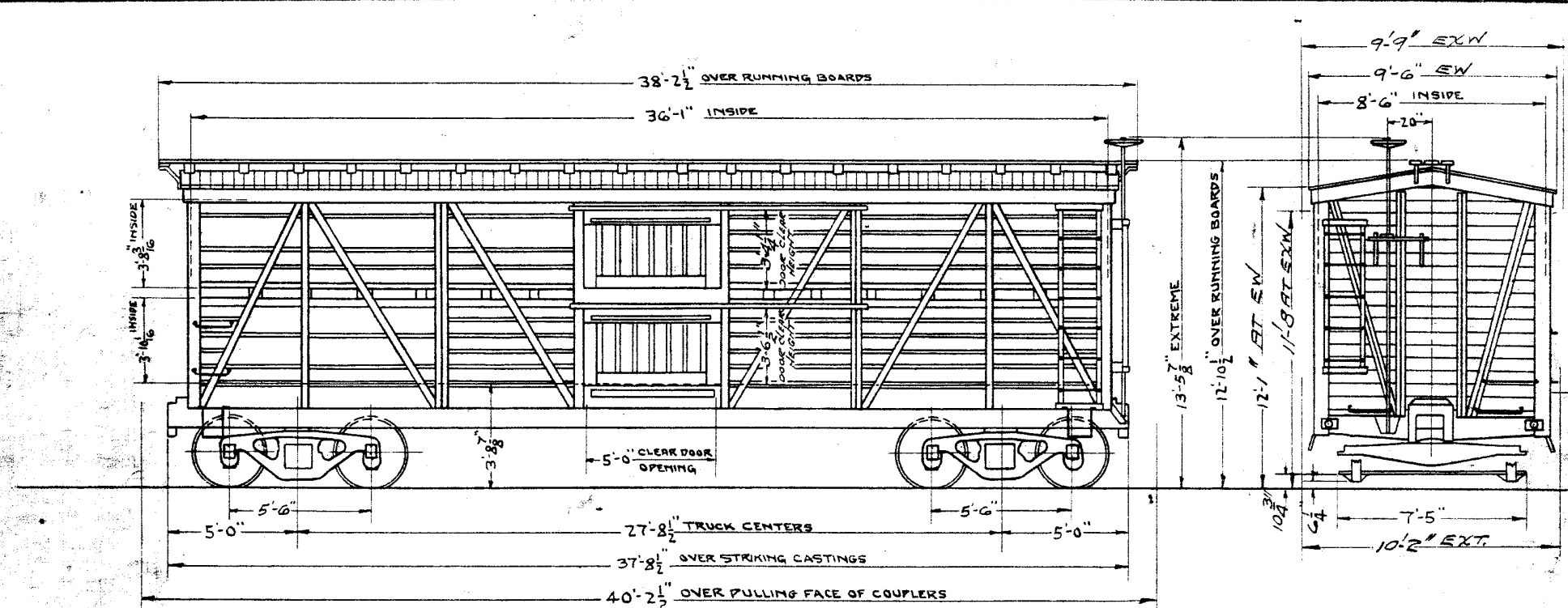
CAPS
40 TON S.D. STOCK CAR

N.K.P.
ADVISORY MECHANICAL COMMITTEE
CLEVELAND, OHIO MAR. 2, 1938

REVISIONS					GROUP NO.	SHEET NO.
NO.	DATE	BY	CHKD.	REASON		
1	10-27-38	JGB	CM		3	1
2	11-12-42	JGB	CM			

NOTE-4
 INSIDE LENGTH CHANGED FROM
 36'-1" TO 40'-6" ON 62 CARS
 AND RENUMBERED 4115-4119
 & 43570-43606 IN 1942. AND
 43620-43654 1945

NOTE-6
 SNUB UP SNUBBERS APPLIED
 TO SOME CARS PER DWG.
 76-3-454



GENERAL DATA		MISCELLANEOUS	
BUILT BY GENERAL AMERICAN CAR CO.	CENTER SILL - 2-12" x 30" CH. 2 - 3/2" X 3/2" X 1/8" ANGLES	SIDE BEARING CENTERS - 5'-0"	NOTE-1 - CAPY. OF UPPER DECK - 1124 CU. FT. OF LOWER DECK - 1176 CU. FT. TOTAL 2300 CU. FT.
YEAR BUILT - 1924	CENTER SILL AREA - 28.13 SQ. IN.	SHEATHING - 1" SQ. EDGE SLATS	NOTE-2 - CLEAR OPENING AT UPPER DECK IS 5'-0" WIDE - 3'-4 1/4" HIGH. AT LOWER DECK IS 5'-0" WIDE - 3'-6 1/2" HIGH.
CAPACITY LEVEL FULL - CU. FT. - SEE NOTE-1	CENTER SILL COVER PLATE - 19 1/4" X 1/4"	SUPERSTRUCTURE - STEEL FRAME	NOTE-3 - CARS 42150-42199 HAVE CARDWELL TRAFTEGEAR G-25-A - CARS 42300-42449 HAVE SESSIONS JUMBO TYPE
CAPACITY - 8000 LBS.	COUPLER - ARA TYPED "G" X 8"	UNDERFRAME - STEEL	
AVERAGE LOAD LIMIT - LBS. - 100,000	COUPLER RELEASE RIGGING - IMPERIAL TYPE-B	TRUCK DATA	
AVERAGE LIGHT WEIGHT - LBS. - 41,000	DOOR 7/8" SQ. EDGE SLATS	BOLSTER - CAST STEEL - PATT. A-911	
BUILDERS REFERENCE - 7577	DOOR FIXTURES - CAMEL NO. 38	BRAKE BEAM - No. 2	
R. P. SPEC. NO. - 375	DOOR CLEAR OPENING - SEE NOTE-2	BRAKE BEAM SAFETY - CRECO 4 POINT	
	DRAFT GEAR - SEE NOTE-3	CENTER PLATE - CAST INTEGRAL	
	DRAFT GEAR ATTACHMENT - VERTICAL C.S. YOKE	GENERAL DRAWING OF TRUCK NO. 10572-D	
	ENDS - WOOD & STEEL	JOURNAL 5X9	
	END LOAD RATIO - .042	SIDE BEARING - STEEL PLATE	
	FLOORING - 1 3/4" WOOD - SHIP LAP LOWER & UPPER	SIDE FRAME - CAST STEEL - INT. BOX	
	GENERAL DRAWING OF CAR - NO. 139-11-180	SPRING - ARA STD. CLASS-C - NOTE-6	
	HAND BRAKE - WHEEL & SHAFT - PLAIN	WHEELS - 33" DIA. CAST IRON	
	END SHEATHING - 1 3/4" BOARDS - SHIP LAP	WEIGHT OF ONE TRUCK 7310#	
	ROOF - SINGLE BOARD - 1 1/8" T. & G.	CENTER PLATE HEIGHT 2'-2"	

SEE NOTE 4

CLASS 42150-42449

CARS

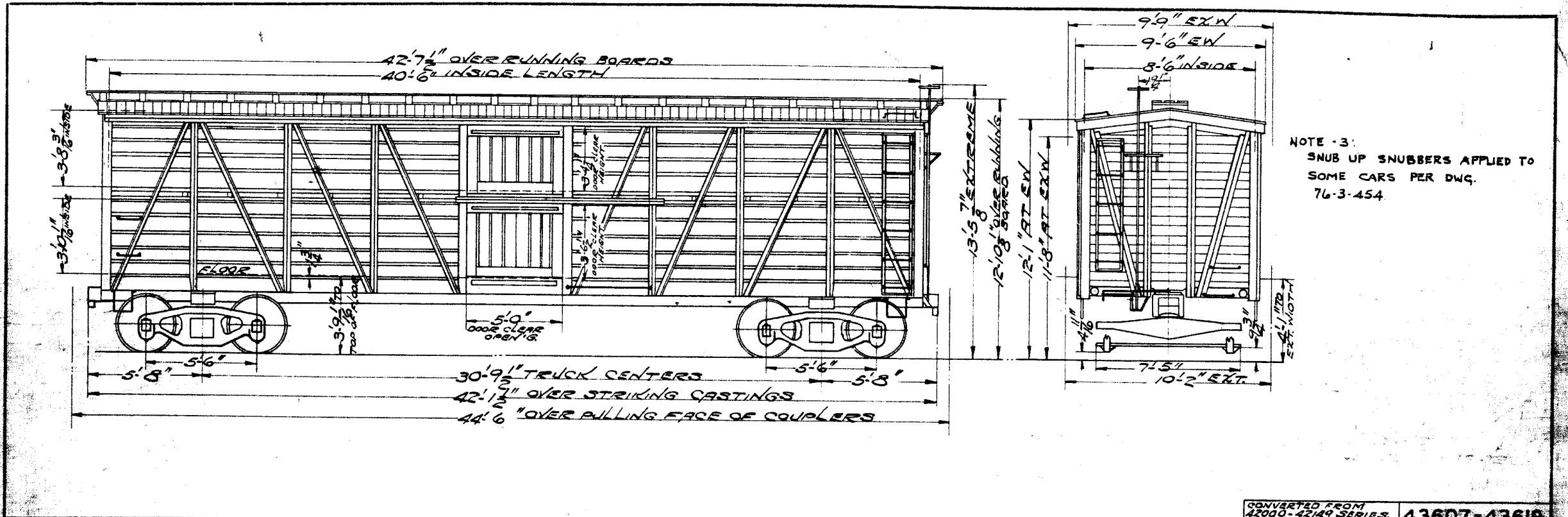
40 TON D.D. STOCK CAR

N.K.P.

ADVISORY MECHANICAL COMMITTEE
 CLEVELAND, OHIO APR. 6, 1933

DR	TR	CH	GROUP NO.	SHEET NO.
C _{JT}	C _{JT}	24	3	3

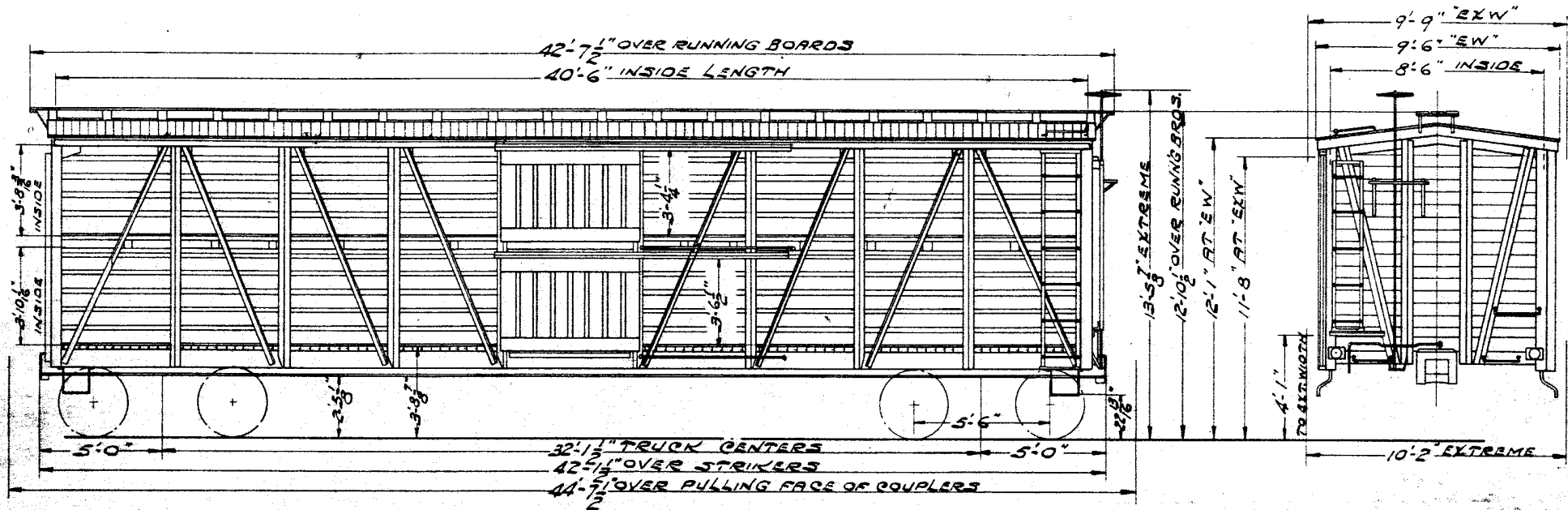
REVISIONS
 1-11-1931 12-1-1931
 5-16-1931 11-2-1931 10-27-1931 11-2-1931
 11-17-1931 11-17-1931 11-17-1931 11-17-1931
 1-17-1932 1-17-1932 1-17-1932 1-17-1932



NOTE - 3:
 SNUB UP SNUBBERS APPLIED TO
 SOME CARS PER DWG.
 76-3-454

GENERAL DATA		MISCELLANEOUS	
BUILT BY - ILL. CAR & MFG. CO.	CENTER SILL - 2" x 2 1/2" CH. 2 3/4" x 3 1/2" x 1/2" ANG.	SIDE BEARING CENTERS - 3'-0"	NOTE - 1 COPY UPPER DECK - 1268 CU. FT. LOWER DECK 1321 CU. FT.
YEAR BUILT - 1922 REBUILT 1935 & 1942	CENTER SILL AREA - 26.02 SQ. IN.	SHEATHING - 1" SQ. EDGE SLATS	NOTE - 2 CLEAR OPEN'G. UPPER DECK 5'-0" WIDE 3'-4 1/4" HIGH. LOWER DECK 5'-0" WIDE 3'-6 1/2" HIGH.
CAPACITY LEVEL FULL - CU. FT. SEE NOTE - 1	CENTER SILL COVER PLATE - 19 1/2" x 1 1/4"	SUPERSTRUCTURE - STEEL FRAME	
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER - A.R.R. TYPE "D" 6" x 8"	UNDERFRAME - STEEL	
AVERAGE LOAD LIMIT - LBS. - 21500	COUPLER RELEASE RIGGING - IMPERIAL TYPE "B"		
AVERAGE LIGHT WEIGHT - LBS. - 44500	DOOR - 7/8" SQ. EDGE SLATS	TRUCK DATA	
BUILDERS REFERENCE	DOOR FIXTURES - SAMEL # 38	BOLSTER - CAST STEEL	
R. R. SPEC. NO. - 358	DOOR CLEAR OPENING - SEE NOTE - 2	BRAKE BEAM - NO. 2	
	DRAFT GEAR - FARLOW TWIN SPRING	BRAKE BEAM SAFETY - 2" x 2" x 3/8" ANGLES	
	DRAFT GEAR ATTACHMENT - FARLOW 2 KEY	CENTER PLATE - CAST INTEGRAL	
	ENDS - WOOD & STEEL	GENERAL DRAWING OF TRUCK NO.	
CAR BODY DATA	END LOAD RATIO - .085	JOURNAL - 3 1/2" x 10"	
AIR BRAKE MFG. - NY AB CO.	FLOORING - 1 3/4" SHIP LAP LOWER & UPPER	SIDE BEARING - STEEL PLATE	
AIR BRAKE SCHEDULE - KC 1012	GENERAL DRAWING OF CAR NO. - 139-11-289	SIDE FRAME - C. STEEL PATCH A-851	
BODY BOLSTER - BUILT UP STEEL	HAND BRAKE - WHEEL & SHAFT PLAIN	SPRING - AIR TYPE "C" STD. NOTE 3	
BODY CENTER PLATE - C. STEEL PAT. A-842	END SHEATHING - 3/4" BOARDS SHIP LAP	WHEELS - 33" DIA. C. IRON	
BODY SIDE BEARING - WOODS TIP ROLLER	LINING SIDE	WEIGHT OF ONE TRUCK 1850*	
CAR LINES - PRESSED STEEL	ROOF - WOOD 1 1/6" SINGLE BOARDS T & G	CENTER PLATE HEIGHT - 2' 5 3/4"	

CONVERTED FROM 42000-42149 SERIES. NOV. 1942	43607-43619			
CONVERTED FROM 42000-42149 SERIES. 1938.	43500-43569			
CARS				
40 TON D.D. STOCK CAR				
N.K.P.				
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO MAR. 2, 1938				
REVISIONS				
DR	TR	CH	GROUP NO.	SHEET NO.
JGB	JGB	C.M.S.	3	4



NOTE-4:
 SNUB UP SNUBBERS APPLIED
 TO SOME CARS PER
 DWG. 76-3-454

EQUIPPED WITH CAMEL
 STEEL FRAMED DOORS

GENERAL DATA	
BUILT BY - GEN. AMERICAN CAR CO.	YEAR BUILT - 1924 - SEE SERIES NO.
CAPACITY LEVEL FULL - CU. FT. - SEE NOTE-1	CAPACITY WITH 10 IN. HEAP CU. FT. -
AVERAGE LOAD LIMIT - LBS. - 90000	AVERAGE LIGHT WEIGHT - LBS. - 45000
BUILDERS REFERENCE - LOT 2597	R. R. SPEC. NO. - No. 375
CAR BODY DATA	
AIR BRAKE MFG.	AIR BRAKE SCHEDULE - "AA"
BODY BOLSTER - BUILT UP STEEL	BODY CENTER PLATE - CAST STEEL
BODY SIDE BEARING - WOODS TIA ROLLER	CARLINES - PER 3380 STEEL

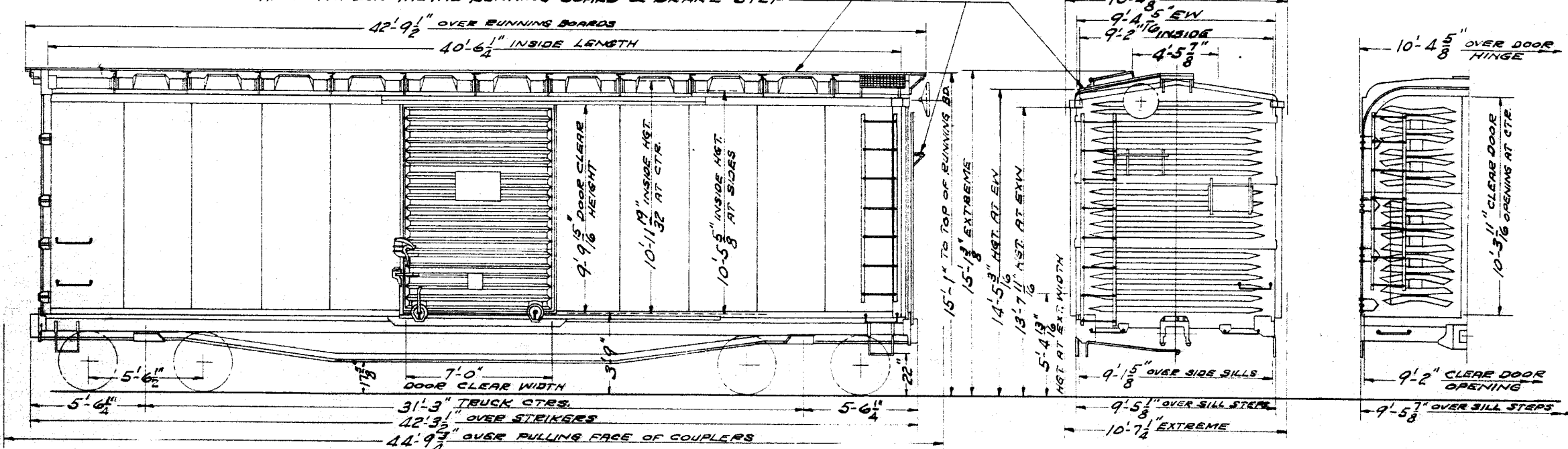
CENTER SILL - 2-1/2" x 3" CH. 2-3/4" x 3 1/2" x 1/4" ANG.	CENTER SILL AREA - 28.15 SQ. IN.
CENTER SILL COVER PLATE - 19 1/4" x 1/4"	COUPLER - AAR TYPED "G" x 8"
COUPLER RELEASE RIGGING - IMPERIAL TYPE "B"	DOOR - 7/8" SO. EDGE SLATS
DOOR FIXTURES - CAMEL No. 33	DOOR CLEAR OPENING - SEE NOTE-2
DRAFT GEAR - SEE NOTE-3	DRAFT GEAR ATTACHMENT - VERT. C.S. YOKES
ENDS - WOOD & STEEL	END LOAD RATIO - 0.42
FLOORING 1 3/4" SHIP LAP UPPER & LOWER	GENERAL DRAWING OF CAR - NO. 135-10-272, 139-11-180
HAND BRAKE - WHEEL & SHAFT	TRAINING END SHEATHINGS - 1 3/4" BOARDS SHIP LAP
LINING SIDE	ROOF - SINGLE BOARD 1 1/16" T&G

SIDE BEARING CENTERS - 5'-0"	SHEATHING - 1" SO. EDGE SLATS
SUPERSTRUCTURE - STEEL FRAME	UNDERFRAME - STEEL
TRUCK DATA	
BOLSTER - CAST STEEL	BRAKE BEAM - NO. 2
BRAKE BEAM SAFETY - CREGG 4 POINT	CENTER PLATE - CAST INTEGRAL
GENERAL DRAWING OF TRUCK NO. - 10572-0	JOURNAL - 5" x 9"
SIDE BEARING - STEEL PLATE	SIDE FRAME - C.S. INT. BOX
SPRING - AAR STD. CLASS "C" NOTE 4	WHEELS - 33" DIA. CAST IRON
WEIGHT OF ONE TRUCK 1310#	OTR. PLT. HGT. P. 2"

MISCELLANEOUS	
NOTE-1 CU. CAPY OF UPPER DECK - 1263 CU. FT. CU. CAPY OF LOWER DECK 1321 CU. FT.	NOTE-2 CLEAR DOOR OPENING. UPPER DECK 5'-0" WIDE X 3'-4 1/4" HIGH. LOWER DECK 5'-0" WIDE X 3'-6 1/2" HIGH
NOTE-3 DRAFT GEARS	1/6 CARS EQUIPPED WITH CARDWELL G-25-A. 11 CARS EQUIPPED WITH 385350'S JUMBO TYPE.

CONVERTED FROM SERIES 42150-42449 1946	43620-43654
CONVERTED FROM SERIES 42150-42449 SERIALS AUG. TO OCT. 1942	43570-43606
CARS	
40 TON D.D. STOCK CAR	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JAN. 20, 1943	
REVISIONS	
2-18-46	3-3-46
46	50
57	57
DR	TR
CH	GROUP NO.
JG _B	JG _B
3	
5	

APEX TRI-LOK METAL RUNNING BOARD & BRAKE STEP

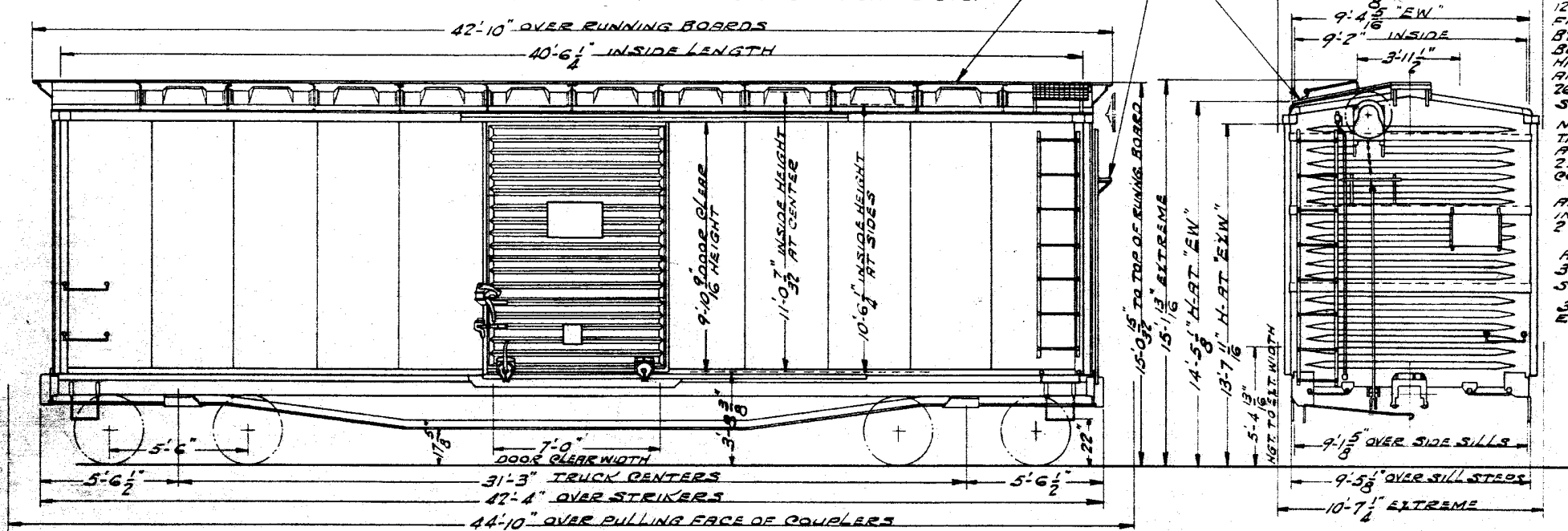


NOTE-1
 CARS IN SERIES 9000-9499 AND 12000-12499 WHICH WERE CONVERTED FROM 20000-20999 SERIES BUILT BY ILL. CAR & MFG. CO. IN 1944, BUILDERS LOT NO. 115, R.R. SPEC. 382 HAD STEEL SIDES, SIDE DOORS, END DOOR & END APPLIED AND WERE RENUMBERED 25000-25099 AT NKP FRANKFORD SHOP 1947.

EQUIPPED WITH UNIVERSAL ROTARY BRAKE ADJUSTER

GENERAL DATA		MISCELLANEOUS	
BUILT BY - SEE NOTE-1	CENTER SILL - BUILT UP STEEL F.B. TYPE	NOTE-2 THESE CARS ARE EQUIPPED WITH ONE OF THE FOLLOWING SPRING GROUPINGS.	
YEAR BUILT - SEE NOTE-1	CENTER SILL AREA - 28.22 SQ. IN.	(1) A.R.R. COIL 1946 DESIGN 4-OUTER, 2-INNER, 2 1/2" TRAVEL & 2-RVW TRUCK CORP. SNUB UP SPRINGS PER NEST, DWG. 76-345A	
CAPACITY LEVEL FULL - CU. FT. - 3889	CENTER SILL COVER PLATE - 21" x 1/4"	(2) A.R.R. COIL 1944 DESIGN 3-OUTER, 3-INNER & 1-HOLLAND STYLE "E" VOLUTE SNUBBER, 2 1/2" TRAVEL PER NEST.	
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER - A.R.R. TYPE "E" 6 1/4 x 8" BOT. OPERATING	(3) A.R.R. COIL 1944 DESIGN 3-OUTER, 3-INNER & 1-CARDWELL TYPE A-4 SNUBBER WITH 2 1/2" TRAVEL PER NEST.	
AVERAGE LOAD LIMIT - LBS. - 90900	COUPLER RELEASE RIGGING - STD. BY L&CO.	(4) 3-HOLLAND STYLE B-190 RIDE EASE VOLUTE SPRINGS PER NEST.	
AVERAGE LIGHT WEIGHT - LBS. - 5100	DOOR - SIDE-YOUNGSTOWN END-DEADEND LIGHT		
BUILDERS REFERENCE - SEE NOTE-1	DOOR FIXTURES - CAMEL		
R. R. SPEC. NO. - SEE NOTE-1	DOOR CLEAR OPENING - 4'-2 1/2" x 12 3/16" AT CTR.		
	DRAFT GEAR - WAUGH-GOULD 403-A		
	DRAFT GEAR ATTACHMENT - C.S. YOKE		
	ENDS - MURPHY		
	END LOAD RATIO - .044		
	FLOORING - 2 3/8" T. & G.		
	GENERAL DRAWING OF CAR - NO. - 139-11-453		
	HAND BRAKE - AJAX		
	LINING END - 1 1/2" x 3 1/4" T. & G.		
	LINING SIDE - 1 1/2" x 3 1/4" T. & G.		
	ROOF - MURPHY IMPROVED SOLID 15 GA. C.B.S.		
	SIDE BEARING CENTERS - 5'-0"		
	SHEATHING - .10 STEEL		
	SUPERSTRUCTURE - STEEL		
	UNDERFRAME - STEEL		
	TRUCK DATA		
	BOLSTER - CAST STEEL		
	BRAKE BEAM - A.R.R. NO. 3		
	BRAKE BEAM SAFETY - CBECO 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 - A.R.R. 33" DIA. ONE WEAR STEEL		
	WEIGHT OF ONE TRUCK		
	CTR. FLT. HGT. - 2'-1 3/4"		
		CLASS	
		25000-25099	
		4300-4399	
		CAR	
		40 TON BOX	
		N.K.P.	
		ADVISORY MECHANICAL COMMITTEE	
		CLEVELAND, OHIO	
		JAN. 5, 1948	
		REVISIONS	
		3-30	
		53	
		DR TR CH	
		GROUP NO. SHEET NO.	
		4 1	

APEX TRI-LOK METAL RUNNING BOARDS AND BRAKE STEP



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

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

AAR COIL 1944 DESIGN 3 OUTER, 3 INNER & 1 HOLLAND STYLE E VOLUTE 2 1/2" TRAVEL 4SR NEST.

AAR COIL 1944 DESIGN 3 OUTER, 3 INNER AND 1 CARDWELL TYPE A-4 SNUBBER 2 1/2" TRAVEL PER NEST.

3 HOLLAND STYLE B-190 BIDE EASE VOLUTE SPRINGS PER NEST.

CARS 26200-26299 EQUIPPED WITH UNIVERSAL ROTARY BRAKE ADJT.

OLD NKP 24200-24224	4200-4224
	28000-28150

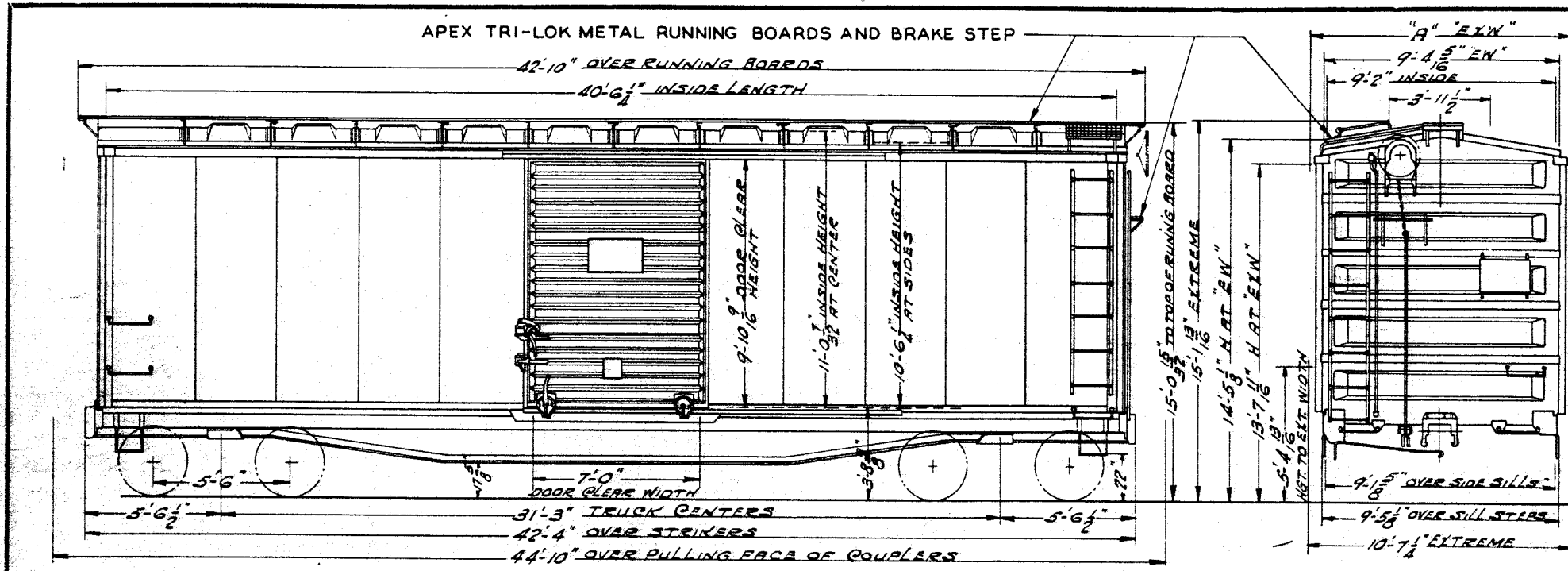
GENERAL DATA	
BUILT BY - SEE NOTE:-1	YEAR BUILT - SEE NOTE:-1
CAPACITY LEVEL/FULL - CU. FT. - 3908	CAPACITY WITH 10 IN. HEAP CU. FT. -
AVERAGE LOAD LIMIT - LBS. - 49200	AVERAGE LIGHT WEIGHT - LBS. - 49200
BUILDERS REFERENCE - SEE NOTE:-1	R. R. SPEC. NO. - SEE NOTE:-1
CAR BODY DATA	
AIR BRAKE MFG.	AIR BRAKE SCHEDULE - 'AB'
BODY BOLSTER - BUILT UP STEEL	BODY CENTER PLATE - DWG 134-2-1808
BODY SIDE BEARING - HARDENED STEEL	CARLINES - 1/4" PRESSED Q.S. SEAM CAPS

CENTER SILL - BUILT UP STEEL F.B. TYPE	CENTER SILL AREA - 28.22 SQ. IN.	CENTER SILL COVER PLATE - 21" X 1/4"	COUPLER - AAR TYPE E 6 1/4" X 8" BOTT. OPERTG.	COUPLER RELEASE RIGGING - STARK EPT. CO. BOTT. OPERTG.	DOOR - YOUNGSTOWN	DOOR FIXTURES - CAMEL	DOOR CLEAR OPENING - 7'-0" W X 9'-10 1/16" H.	DRAFT GEAR - AAR APPROVED	DRAFT GEAR ATTACHMENT - FARLOW	ENDS - MURPHY	END LOAD RATIO - 0.24	FLOORING - 1 3/4" T.&G.	GENERAL DRAWING OF CAR - NO 139-11-422	HAND BRAKE - AJAY	LINING END - 1 5/8" X 5 1/16" T.&G.	LINING SIDE - 1 3/16" X 3 1/4" T.&G.	ROOF - MURPHY IMPROVED SOLID 15 GR. CR. STEEL
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SIDE BEARING CENTERS - 4'-5'-0"	SHEATHING - .10" STEEL	SUPERSTRUCTURE - STEEL	UNDERFRAME - STEEL
TRUCK DATA			
BOLSTER - CAST STEEL	BRAKE BEAM - AAR NO. 15	BRAKE BEAM SAFETY - GREGO 4 POINT	CENTER PLATE - CAST INTEGRAL
GENERAL DRAWING OF TRUCK NO.	JOURNAL - 5" X 9	SIDE BEARING - STUCKY No. 656	SIDE FRAME - CAST STEEL
SPRING - SEE NOTE:-2			
WHEELS - AAR 33" DIA. C.I. & 1 IN. S.	WRIGHT OF ONE TRUCK - 7200#	CTR. PLTNGT - 2'-13 1/4"	

MISCELLANEOUS	
CARS 26315-26374 WERE EQUIPPED WITH NAILABLE STEEL FLOORING. OPEN ONLY FOR LOADING BY HAND TRACTORS AND RENUMBERED 28000-28150.	
CARS 26315-26374 RENUMBERED 28000-28059 AND EQUIPPED WITH EVAN'S UTILITY LOADERS, AND NAILABLE STEEL FLOOR IN DOORWAY.	
CARS 28060-28109 EQUIPPED WITH EVAN'S UTILITY LOADERS AND NAILABLE STEEL FLOOR IN DOORWAY, RENUMBERED FROM 26000-26314, IN 1950.	
CARS 28110-28150 HAVE EVAN'S 'DF' UTILITY LOADERS AND FLOOR PLATES IN DOORWAY - 28110-28131 IN 1952, 28132-28146 IN 1953, 28147-28150 IN 1954.	

"DF" CARS	26000-26374			
CLASS	CARS			
40 TON BOX				
N.K.P.				
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO				
REVISIONS				
1-7	3-3	10-26	12-20	12-11
48	50	53	56	58
DR	TR	CH	GROUP No.	SHEET No.
GB	GB	GB	4	2



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 NKR FRANKFORT SHOPS 1946 & 1947

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

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

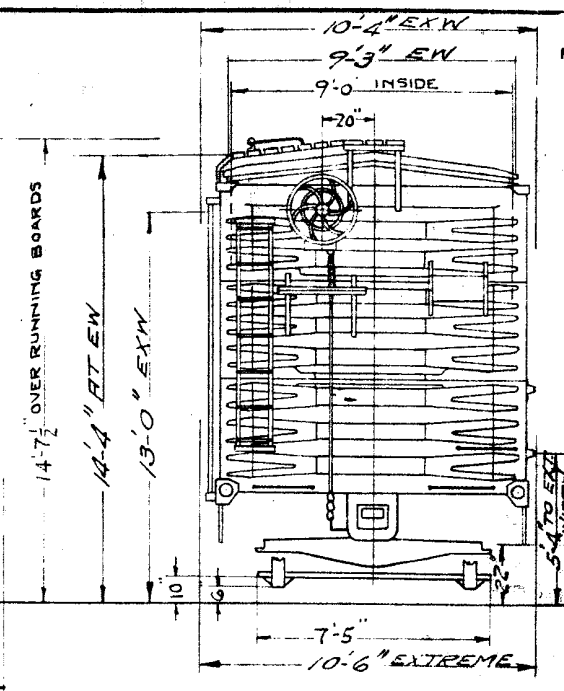
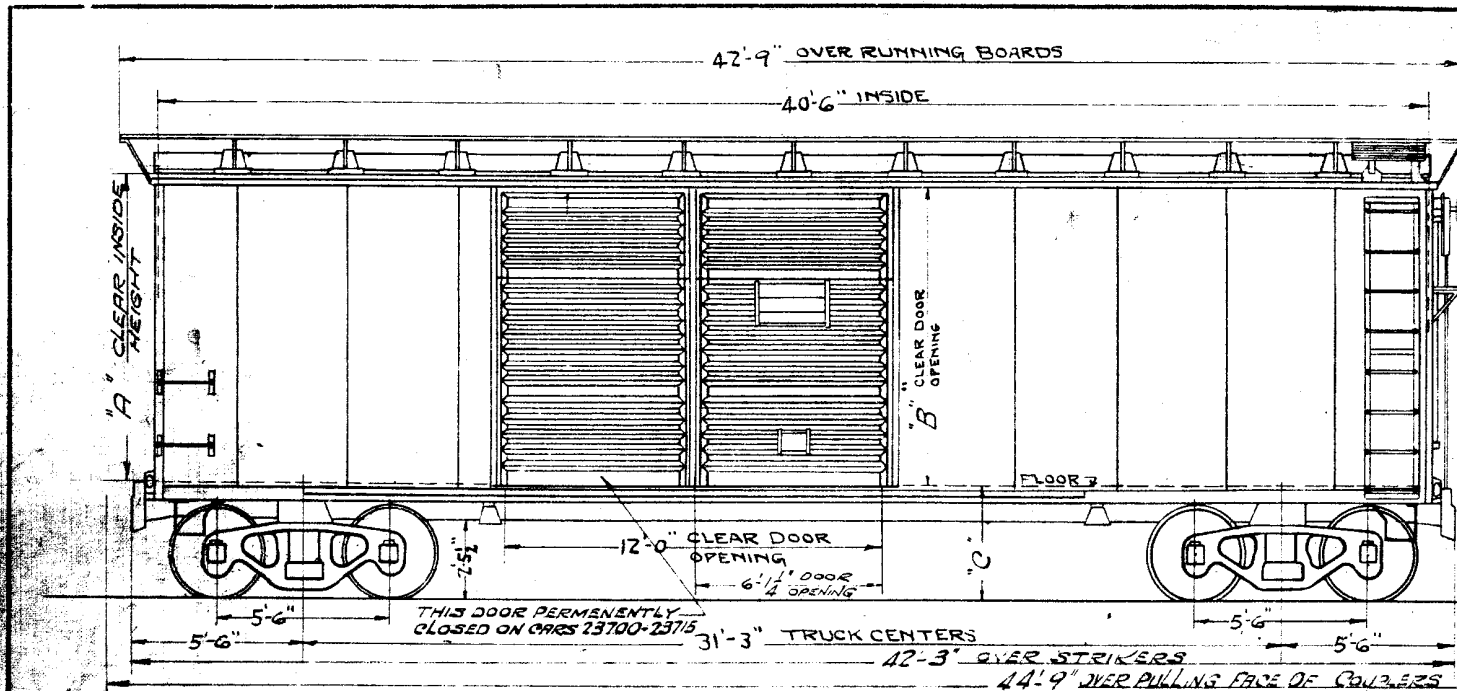
AAR COIL 1944 DESIGN 3-OUTER, 3-INNER & 1 CHADWELL TYPE "A-A" SNUBBER 2 1/2 TRAVEL PER NEST.

DIM. "A"	SERIES
10'-3 7/8"	4225-4249
10'-4 3/8"	27000-27499
10'-3 7/8"	27500-27914

CARS 27300-27914 EQUIPPED WITH UNIVERSAL ROTARY BRAKE ADJUSTER

GENERAL DATA		MISCELLANEOUS	
BUILT BY - SEE NOTE:-1	CENTER SILL - BUILT UP STEEL F.B. TYPE	NOTE-3	27000-27619 HAVE MURPHY IMPROVED SOLID STEEL ROOF-15 GA. C.B. STEEL. 27650-27914 HAVE DIAGONAL PANEL STEEL ROOF-15 GA. C.B. STEEL.
YEAR BUILT - SEE NOTE:-1	CENTER SILL AREA - 25.88 SQ. IN.	NOTE-4	19000-27014, 27500/WEAR ADJUSTER HAVE NAVARLY STEEL RUNNING BOARDS / 27650-27914 HAVING 200 PLY STEEL REINFORCED / & RENUMBERED 1 A276 / A249.
CAPACITY LEVEL FULL - CU. FT. - 3908	CENTER SILL COVER PLATE - 21" X 1/4"	TRUCK DATA	
CAPACITY WITH 10 IN. HEAP CU. FT. -	COUPLER - AAR TYPE "E" 6 1/8" X 8" BOTT. OPER. / COUPLER RELEASE RIGGING STD. RY. BOTT. OPER. T.G.	BOLSTER - CAST STEEL	
AVERAGE LOAD LIMIT - LBS. 93300	DOOR - YOUNGTOWN	BRAKE BEAM - AAR NO. 15	
AVERAGE LIGHT WEIGHT - LBS. 48700	DOOR FIXTURES - CAMEL	BRAKE BEAM SAFETY - GRACO ECONOMY	
BUILDERS REFERENCE - SEE NOTE:-1	DOOR CLEAR OPENING - 7'-0" W X 9'-10 9/16" H	CENTER PLATE - CAST INTEGRAL	
R. R. SPEC. NO. - SEE NOTE:-1	DRAFT GEAR - AAR APPROVED	GENERAL DRAWING OF TRUCK NO.	
	DRAFT GEAR ATTACHMENT - FARLOW	JOURNAL - 5" X 9"	
CAR BODY DATA	ENDS - HUTCHINS	SIDE BEARING - STUCKI NO. 656	
AIR BRAKE MFG.	END LOAD RATIO - .0492	SIDE FRAME - CAST STEEL	
AIR BRAKE SCHEDULE - "AB"	FLOORING - 1 3/4" T & G	SPRING - SEE NOTE:-2	
BODY BOLSTER - BUILT UP STEEL	GENERAL DRAWING OF CAR - NO. 139-11-422	WHEELS - AAR 33" DIA. C. I. & I. W. S.	
BODY CENTER PLATE - DWG. 134-2-1808	HAND BRAKE - AJRK	WEIGHT OF ONE TRUCK 7200	
BODY SIDE BEARING - HARDENED STEEL	LINING END - 1 3/4" X 5 1/16" T & G	CTR. PLT. HGT. - 2'-1 3/4"	
CAR LINES - 1/8" PRESSED Q.B.S. SEAM CAPS	LINING SIDE - 1 3/16" X 3 1/4" T & G		
	ROOF - SEE NOTE:-3		

OLD NKP 24225-24249	4225-4249					
27000-27914						
CLASS	CARS					
40 TON BOX						
N.K.P.						
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO						
REVISIONS						
4-16-48	3-3-58	11-11-58				
DR	TR	CH	GROUP NO.	SHEET NO.		
48	48	48	4	3		



NOTE - 3:
 SNUB UP SNUBBERS APPLIED
 TO SOME OF THESE CARS
 PER DWG 76-3-454.

CAR 22177 WAS EQUIPPED WITH
 "APEX" PRESSED STEEL HAT SECTION
 FLOOR SUPPORTS ON 7-24-SI
 AT FRANKFORT.

CARS 3700-3727 ARE
 EQUIPPED FOR HANDSON
 CHRYSLER TRANSMISSIONS
 WITH RACKS PER DWG
 158-11-142.

3700-3715	WITH 1 3/4" FLOORING	10'-0"	9'-5 1/2"	3'-3 1/4"	3645
22000-22349	WITH 2 3/8" FLOORING	9'-11 1/2"	7'-5 1/2"	3'-8 1/8"	3626
CARS	REMARKS	A	B	C	CU. CAPY.

CARS EQUIPPED WITH GREAT LAKES AVAILABLE STEEL FLOOR
 TROUGHOUT - 22002, 22039, 22053, 22133, 22265, 22268,
 22272, 22279, 22294, 22356.



GENERAL DATA	
BUILT BY STD. STEEL CARCO, HAMMOND, IND.	YEAR BUILT - 1929
CAPACITY - LEVEL FULL - CU. FT. - SEE TABLE	CAPACITY - SEE NOTE - 4
AVERAGE LOAD LIMIT - LBS. - 92700	AVERAGE LIGHT WEIGHT - LBS. - 49900
BUILDERS REFERENCE - LOT NO. 118	H. R. SPEC. NO. MKP 399
CAR BODY DATA	
AIR BRAKE MFG. - M.Y.A.B. CO.	AIR BRAKE SCHEDULE - K.C. 101Z & "AB"
BODY BOLSTER - BUILT UP STEEL	BODY CENTER PLATE - FORGED STEEL
BODY SIDE BEARING - HARDENED STEEL PLATE	CARLINES - PRESSED STEEL

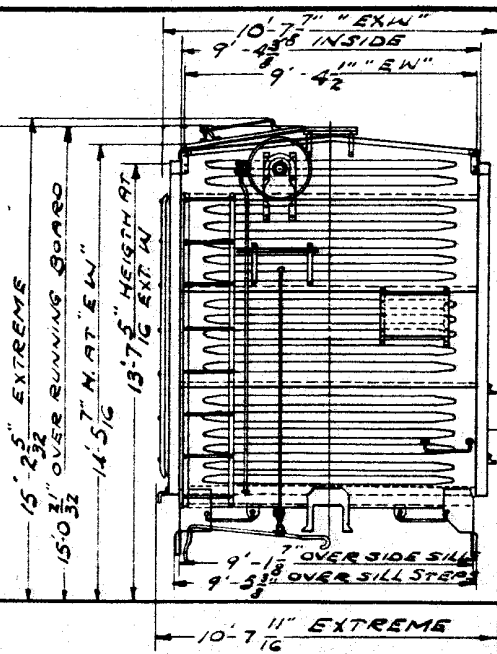
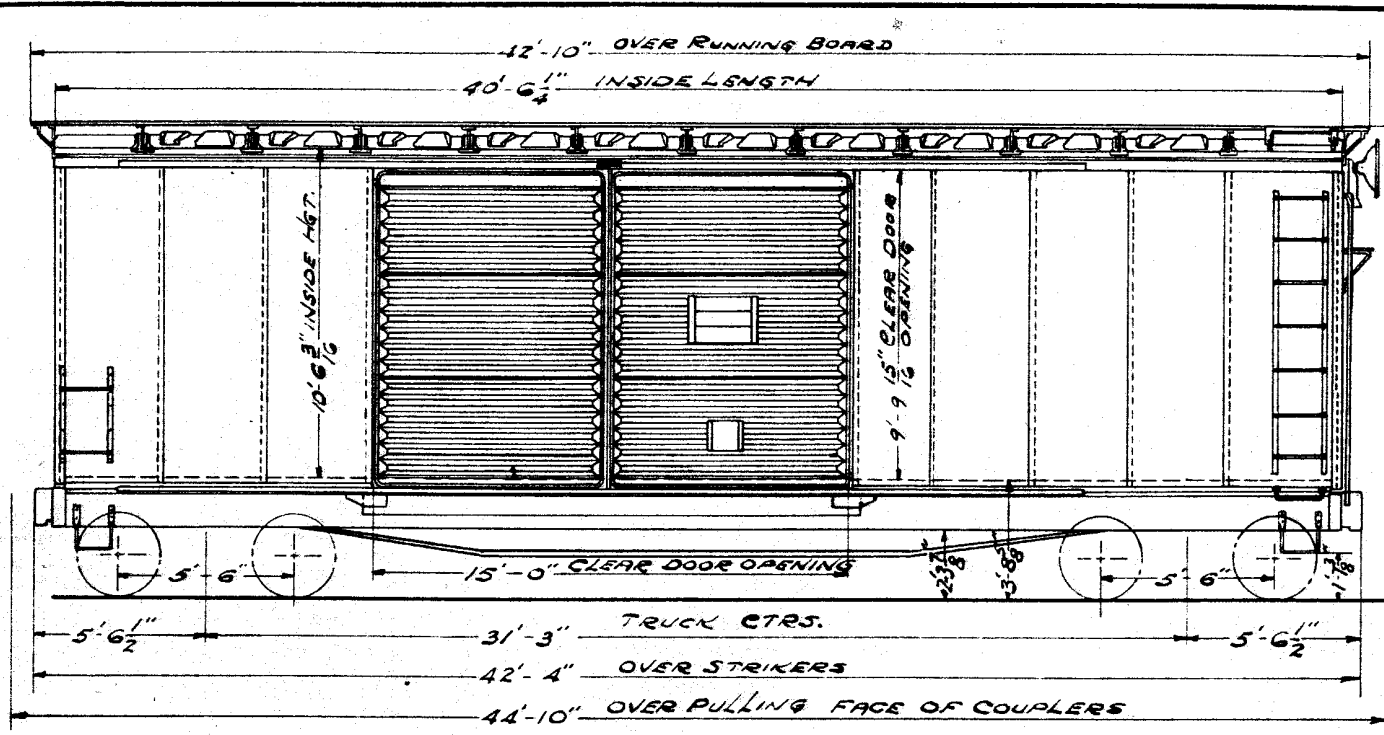
CENTER HUBS - 7" ARA STD. 12" SECTIONS 40.3"	CENTER HUB AREA - 28.44 SQ. IN.	CENTER SILL COVER PLATE - 1/4" X 20"	COUPLER - ARA TYPED 6" X 8"	COUPLER RELEASE RIGGING - IMPERIAL TYPE B TOP OPER.	DOOR - YOUNGSTOWN STEEL	DOOR FIXTURES - CAMEL #50	DOOR CLEAR OPENING - 12'-0" WIDE - 9'-5 1/2" HIGH	DRAFT GEAR - CARDWELL FRICTION & WRAUGH 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 - 3/16" T & G	LINING SIDE - 3/16" T & G - 1 3/4 S.L. FULL HEIGHT	ROOF - MURPHY STEEL
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SIDE BEARING CENTERS - 4'-2"	SHEATHING - 1/8" STEEL	SUPERSTRUCTURE - STEEL	UNDERFRAME - STEEL
TRUCK DATA			
BOLSTER - CAST STEEL	BRAKE BEAM - ARA NO. 7+	BRAKE BEAM SAFETY - CRECO 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 - NOTE - 3	WHEELS - CAST IRON SINGLE PLATE 33" DIA.	WEIGHT OF ONE TRUCK - 7900	CENTER PLATE HEIGHT - 2'-3 1/4"

MISCELLANEOUS
 NOTE - 4: CAPY. FOR SERIES 22000-22349
 ARE 30000 LBS. - 80000 LBS.
 CAPY. FOR SERIES 3700-3727 - 70000 LBS.

NOTE - 1: CARS 22000-22249
 HAVE CS YOKES. CARS 22250-
 22349 HAVE FARLOW 2 KEY.
 NOTE - 2: CARS 22000-22249
 HAVE PEACOCK HAND BRAKE.
 CARS 22250-22349 HAVE
 URECO HAND BRAKE.

OLD NKP 23700-23727	3700-3727
OLD NKP 23525-23549	22000-22349
CLASS - CARS	
40 TON AUTO BOX	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO	
REVISIONS	
DR. TR. CH.	GROUP NO.
C.J.T. C.J.T. 40	4



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 RE-NUMBERED 24000 - 24149 AT NKP FRANKFORT SHOPS, 1946

NOTE: - 2
AIR COIL 1947 DESIGN 4 OUTER, 2 INNER 2 1/2" TRAVEL AND 2 REY. TRUCK COIL, SNUG UP SPRINGS PER NEST

NOTE: - 5
8-CARS FROM SERIES 4000-4149 WERE EQUIPPED WITH RACKS PER DWG. 158-11-62 FOR CHRYSLER TRANSMISSIONS AND RENUMBERED 3728-3735 IN 1952.

SEE NOTE 7	29093-29102
SEE NOTE 7	29000-29092
SEE NOTE 5	3728 - 3735

OLD NKP 24000 - 24149	4000 - 4149
CLASS	CARS

40-TON AUTO BOX

N.K.P.

ADVISORY MECHANICAL COMMITTEE
CLEVELAND, OHIO JULY-7-1949

REVISIONS					
3-30-53	7-20-53	9-30-53	1-26-54	7-11-54	
53	54	59	60	62	62
DR	TR	CH	GROUP NO.	SHEET NO.	
			4	5	

GENERAL DATA
 BUILT BY SEE NOTE: - 1
 YEAR BUILT 1947 AT FRANKFORT
 CAPACITY LEVEL FULL - CU. FT. - 3994
 CAPACITY SEE NOTE - 6
 AVERAGE LOAD LIMIT - LBS.
 AVERAGE LIGHT WEIGHT - LBS. - 48600 - WITHOUT RACKS
 BUILDERS REFERENCE - SEE NOTE: - 1
 R. R. SPEC. NO. - SEE NOTE: - 1

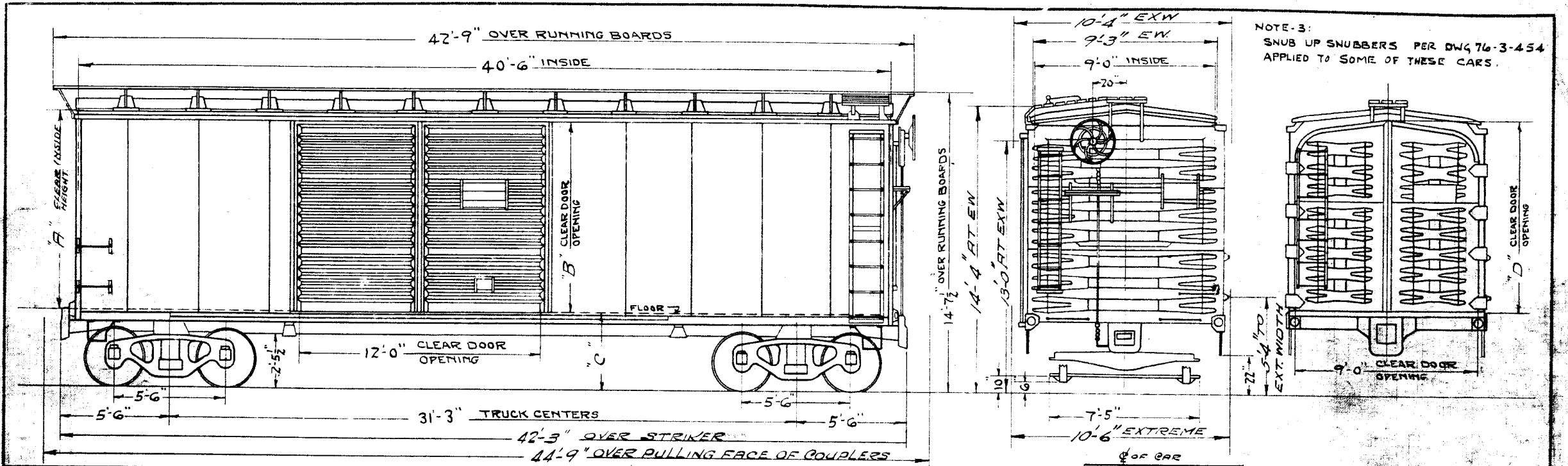
CAR BODY DATA
 AIR BRAKE MFG.
 AIR BRAKE SCHEDULE - "A.B."
 BODY BOLSTER - BUILT UP STEEL
 BODY CENTER PLATE - DWG. 134-2-1808
 BODY SIDE BEARING - HARDENED STEEL
 CARLINES - 1 1/4" PRESSED C.B.S. SEAM CARPS

CENTER SILL - BUILT UP STEEL F.B. TYPE
 CENTER SILL AREA - 28.22 SQ. IN.
 CENTER SILL COVER PLATE - 2 1/2" X 1/2"
 COUPLER - A.A.R. TYPE "E" 6 1/4" X 8"
 COUPLER RELEASE RIGGING - STD. R.R. EQUIP. G. 807.088076
 DOOR - YOUNGSTOWN
 DOOR FIXTURES - CAMEL
 DOOR CLEAR OPENING - 15'-0" W X 9'-9 1/2" H
 DRAFT GEAR - A.A.R. APPROVED
 DRAFT GEAR ATTACHMENT - FARLOW
 ENDS - MURPHY
 END LOAD RATIO - 0.44
 FLOORING - 5 1/16" X 1 3/4" T&G.
 GENERAL DRAWING OF CAR - NO. 139-11-495
 HAND BRAKE - AJAX
 LINING END - 3 1/16" X 1 3/4" T&G.
 LINING SIDE - 3 1/4" X 1 1/16" - T&G.
 ROOF - MURPHY IMPROVED DIA. PANEL

SIDE BEARING CENTERS - 5'-0"
 SHEATHING - 10 C.B.S.
 SUPERSTRUCTURE - STEEL
 UNDERFRAME - STEEL

TRUCK DATA
 BOLSTER - C. STEEL
 BRAKE BEAM - A.A.R. No. 15
 BRAKE BEAM SAFETY - BRECO 4 POINT
 CENTER PLATE - CAST INTEGRAL
 GENERAL DRAWING OF TRUCK NO.
 JOURNAL - 5" X 9"
 SIDE BEARING - STUCKI 656
 SIDE FRAME - CAST STEEL
 SPRING - SEE NOTE: - 2
 WHEELS - A.A.R. 33" DIA. C.I. & 1 W.S.
 WEIGHT OF ONE TRUCK 12000*
 CTR. PLT. HGT. - 2'-13 1/4"

MISCELLANEOUS
 ROYAL TYPE "F" SLACK ADJUSTORS
 NOTE - 6: CAPY. FOR SERIES 4000-4149 80000 LBS. FOR SERIES 3728-3735-70000 LBS.
 NOTE 7:
 CARS IN SERIES 4000-4149 EQUIPPED WITH D-F LOADERS & RENUMBERED 29000-29092
 CARS 29091, 29092 EQUIPPED WITH SPARTAN "EASY LOADERS"
 CARS 29093-29102 ARE EQUIPPED WITH D-F-2 LOADERS



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'-11 3/8"	7'-5 1/16"	3'-8 3/8"	9'-6 3/8"	3626
CARS	"A"	"B"	"C"	"D"	CU CAPCY

GENERAL DATA	
BUILT BY	STO. STEEL CAR CO. HAMMOND, IND.
YEAR BUILT	1929
CAPACITY LEVEL FULL	CU. FT. SEE TABLE
CAPACITY	80000 LBS.
AVERAGE LOAD LIMIT	LBS. 90000
AVERAGE LIGHT WEIGHT	LBS. 52000 LBS.
BUILDERS REFERENCE	LOT No. 118
R. R. SPEC. NO.	M.K.P. 399
CAR BODY DATA	
AIR BRAKE MFG.	H.Y.A.B. CO.
AIR BRAKE SCHEDULE	KC 1012
BODY BOLSTER	BUILT UP STEEL
BODY CENTER PLATE	FORGED STEEL
BODY SIDE BEARING	HARDENED STEEL PLATE
CAR LINES	PRESSED STEEL

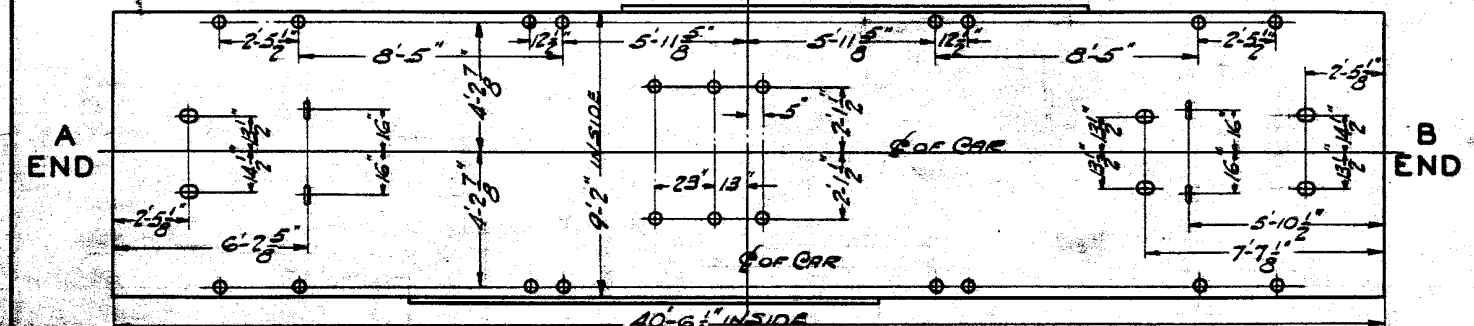
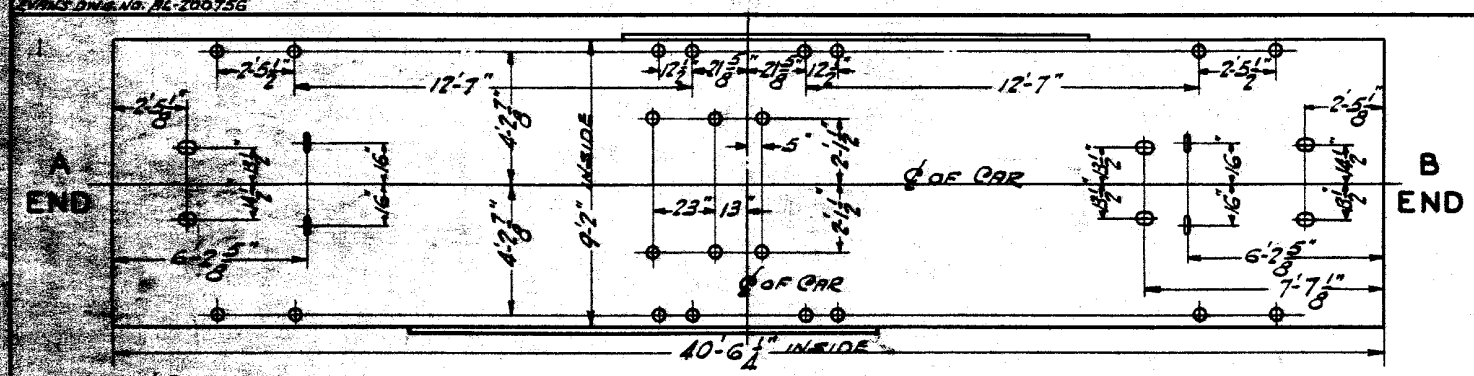
CENTER SILL	2-ARA STD 12" SECTIONS 40.3#
CENTER SILL AREA	2844 SQ. IN.
CENTER SILL COVER PLATE	1/4" X 20"
COUPLER	ARA TYPE "D" 6" X 8"
COUPLER RELEASE RIGGING	SEE NOTE-1
DOOR	YOUNGSTOWN STEEL
DOOR FIXTURES	CAMEL NO. 50
DOOR CLEAR OPENING	SEE TABLE & NOTE-1
DRAFT GEAR	WAUGH #402 FRICTION
DRAFT GEAR ATTACHMENT	FARLOW 2 KEY
ENDS	DREADNAUGHT ONE END ONLY
END LOAD RATIO	.043
FLOORING	SEE TABLE
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 3/4" S.L.
ROOF	MURPHY STEEL

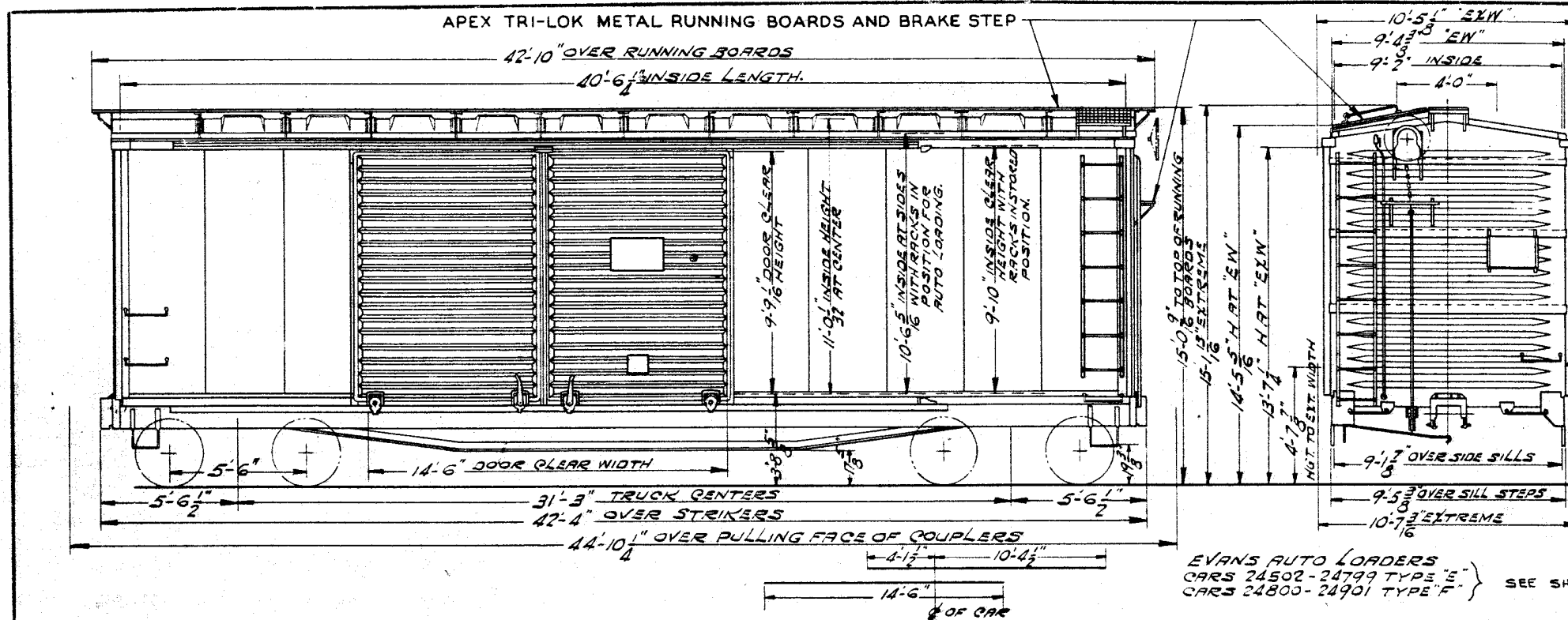
SIDE BEARING CENTERS	4'-2"
WEATHERING	1/8" C.B. STEEL
SUPERSTRUCTURE	STEEL
UNDERFRAME	STEEL
TRUCK DATA	
BOLSTER	CAST STEEL
BRAKE BEAM	ARA NO. 2+
BRAKE BEAM SAFETY	CRECO 4 POINT
CENTER PLATE	CAST INTEGRAL
GENERAL DRAWING OF TRUCK NO.	
JOURNAL	5" X 9"
SIDE BEARING	ROLLER TYPE - WOODS
SIDE FRAME	CAST STEEL - INT BOX
SPRING	ARA TYPE "D" - NOTE .3
WHEELS	CAST IRON - SINGLE PLATE 33" DIA.
WEIGHT OF ONE TRUCK	7900#
CENTER PLATE HEIGHT	2'-2 3/4"

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"

CLASS		22350-22499	
CARS		CARS	
40 TON AUTO BOX			
N.K.P.			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO MAR. 7, 1933			
REVISIONS		REVISIONS	
DR	TR	CH	GROUP No.
C.J.T.	C.J.T.	AP	4
SHEET No.			6

NKP CARS WITH EVANS AUTO LOADERS

	CAR NOS.	NO. OF CARS	TYPE	FLOOR CONN.		FRAME	
				NO. OF TUBES	NO. OF SOCKETS	ARCHED OR FLAT AT FRONT	REAR HUB ADJUSTMENT
 <p>EVANS Dwg. No. AL-200756</p>	24502-24799	198	E	12	16-SINGLE	ARCHED	YES
 <p>EVANS Dwg. No. AL-200756</p>	24800-24901	100	F	12	16-SINGLE		



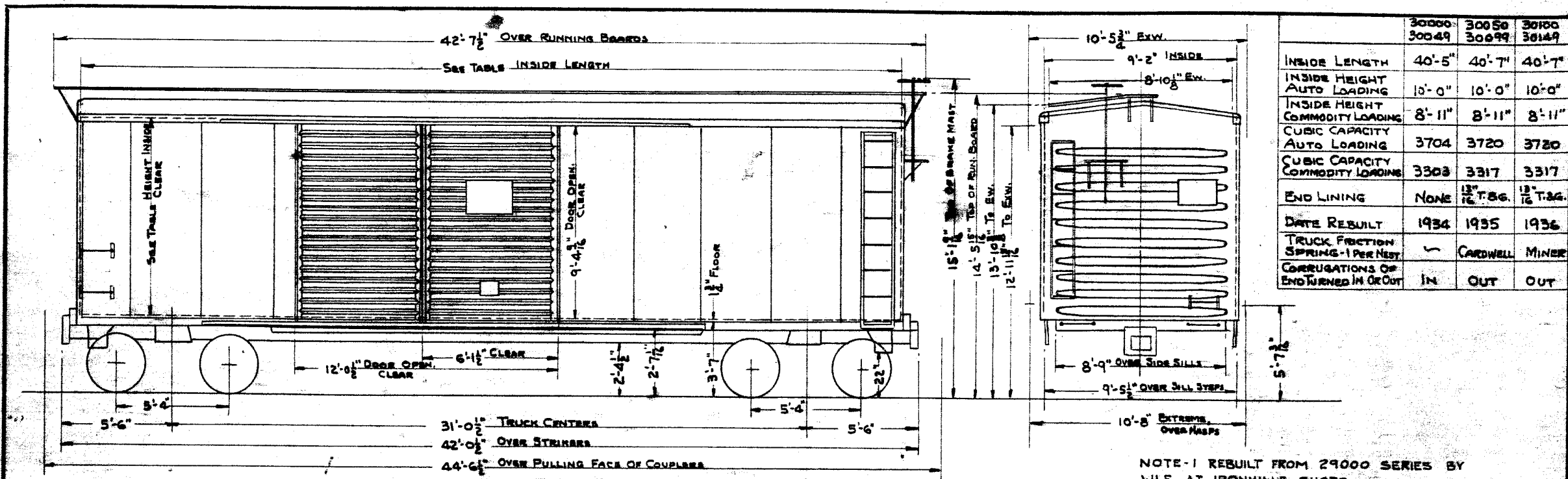
NOTE:-1
 CARS 9000-9499 & 12000-12999 WHICH WERE CONVERTED FROM 20000-20999 SERIES BUILT BY ILL. CAR & MFG. CO. IN 1924 BUILDERS LOT NO. 115 R.R. SPEC. 382 HAD STEEL SIDES, DOORS AND AUTO LOADERS APPLIED AND WERE RENUMBERED 24502-24901 AT NKP FRANKFORD SHOPS 1945.

NOTE:-2 - SPRINGS -
 25 CARS EQUIPPED WITH AAR COIL 1915 DESIGN 4 OUTER & 1 SNUB UP SNUBBER PER NEST. DWG. 76-3-45A
 275 CARS EQUIPPED WITH AAR COIL 1915 DESIGN 4 OUTER & 2 INNER PER NEST.

EVANS AUTO LOADERS
 CARS 24502-24799 TYPE "E"
 CARS 24800-24901 TYPE "F" } SEE SHEET NO. 6-A

THESE CARS EQUIPPED WITH UNIVERSAL ROTARY BRAKE ADJUSTER

GENERAL DATA		MISCELLANEOUS	
BUILT BY - SEE NOTE:-1	CENTER SILL - BUILT UP STEEL R.B. TYPE	SIDE BEARING CENTERS - 5'-0"	OLD NKP 24500-24901
YEAR BUILT - SEE NOTE:-1	CENTER SILL AREA - 20.22 SQ. IN.	SHEATHING - .10" STEEL	24502-24901
CUR. CAPY. - 3652 CU FT. ACTUAL - LOADS STORED	CENTER SILL COVER PLATE - 1/4" X 21"	SUPERSTRUCTURE - STEEL	CLASS CARS
CUR. CAPY. - 3910 CU FT. ACTUAL - LOADERS IN POSITION	COUPLER - AAR 6 1/4" X 8" TYPE "E" BOTT. OPERTG.	UNDERFRAME - STEEL	40 TON AUTO BOX
AVERAGE LOAD LIMIT LBS. - 85700 & 87200	COUPLER RELEASE RIGGING - STARKENPT. CO. BOTT. OPERTG.		N.K.P.
AVERAGE LIGHT WEIGHT LBS. - 28300 WITH LOADERS	DOOR - YOUNGTOWN CORRUG. STEEL	TRUCK DATA	ADVISORY MECHANICAL COMMITTEE
BUILDERS REFERENCE - SEE NOTE:-1	DOOR FIXTURES - CAMEL	BOLSTER - CAST STEEL	CLEVELAND, OHIO MAR 4, 1946
R. R. SPEC. NO. - SEE NOTE:-1	DOOR CLEAR OPENING - 14'-6" W X 9'-9 1/16" H.	BRAKE BEAM - AAR NO. 15	REVISIONS
	DRAFT GEAR - AAR APPROVED	BRAKE BEAM SAFETY - GREGO 2 POINT	11-19-46 3-20-47
	DRAFT GEAR ATTACHMENT - CAST STEEL YOKE	CENTER PLATE - CAST INTEGRAL	DR TR CH GROUP NO. SHEET NO.
	ENDS - MURPHY	GENERAL DRAWING OF TRUCK NO.	JGB JGB JGB 4 7
CAR BODY DATA	END LOAD RATIO - .044	JOURNAL - 5" X 9"	
AIR BRAKE MFG. - N.Y. A.B. Co.	FLOORING - 1 3/4" T & G	SIDE BEARING - STUCKI ROLLER	
AIR BRAKE SCHEDULE - "AB"	GENERAL DRAWING OF CAR NO. - 139-11-411	SIDE FRAME - CAST STEEL	
BODY BOLSTER - BUILT UP STEEL	HAND BRAKE - AJAX	SPRING - SEE NOTE:-2	
BODY CENTER PLATE - CAST STEEL	LINING END - 1/16" X 3 1/4" T & G	WHEELS - AAR 33" DIA. C.I.	
BODY SIDE BEARING - HARDENED STEEL	LINING SIDE - 1 3/4" X 5 1/16" T & G	WEIGHT OF ONE TRUCK 7200*	
CARLINES - 1/8" PRESSED CR STEEL SEAM CARS	ROOF - MURPHY IMPROVED SOLID STEEL 15 GR. C.S. STEEL	CTR. PLT. HGT. - 2'-1 3/4"	



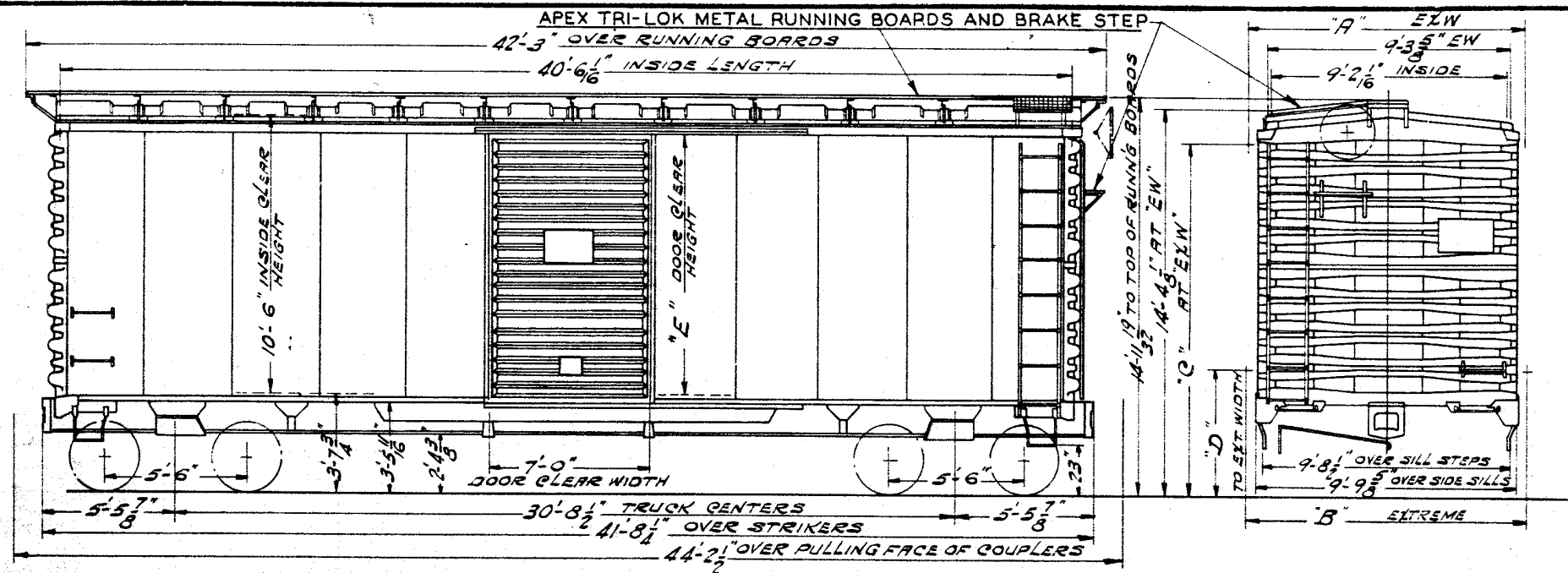
	30000 30049	30050 30099	30100 30149
INSIDE LENGTH	40'-5"	40'-7"	40'-7"
INSIDE HEIGHT AUTO LOADING	10'-0"	10'-0"	10'-0"
INSIDE HEIGHT COMMODITY LOADING	8'-11"	8'-11"	8'-11"
CUBIC CAPACITY AUTO LOADING	3704	3720	3720
CUBIC CAPACITY COMMODITY LOADING	3303	3317	3317
END LINING	NONE	1 1/2" T.B.G.	1 1/2" T.B.G.
DATE RESULT	1934	1935	1936
TRUCK FRICTION SPRING - 1 PER NEST	✓	CARDWELL	MINER
CORRUGATIONS OF END TURNED IN OR OUT	IN	OUT	OUT

NOTE - 1 RESULT FROM 29000 SERIES BY WLE AT IRONVILLE SHOPS.

GENERAL DATA		TRUCK DATA		MISCELLANEOUS	
BUILT BY	SEE NOTE #1	BOLSTER	CAST STEEL	WLE 30000-30149 30000-30149 CLASS CARS 40-TON AUTO N K P MECHANICAL DEPARTMENT CLEVELAND, OHIO DEC. 21, 1936	
YEAR BUILT	SEE TABLE	BRAKE BEAM	AAR #52		
CAPACITY LEVEL FULL - CU. FT.	SEE TABLE	BRAKE BEAM SAFETY	TWO ANGLES		
CAPACITY WITH 10 IN. HEAP CU. FT.		CENTER PLATE	CAST INTEGRAL WITH BOLSTER		
AVERAGE LOAD LIMIT - LBS.	94700 WITHOUT LOADS	GENERAL DRAWING OF TRUCK NO.	WLE 4038		
AVERAGE LIGHT WEIGHT - LBS.	47300 WITHOUT RACKS	JOURNAL	5" x 9"		
BUILDERS REFERENCE		SIDE BEARING	STUCKI ROLLER		
R. R. SPEC. NO.		SIDE FRAME	CAST STEEL INT. BOX		
		SPRING	A.A.R. "C" CLUSTER EXCEPT AS SHOWN IN TABLE		
		WHEELS	33" CAST IRON - 700 LB		
		WEIGHT OF ONE TRUCK			
		CENTER PLATE HEIGHT	2'-1 1/2"		
CAR BODY DATA AIR BRAKE MFG. W.A.B. Co. AIR BRAKE SCHEDULE AB Sched 3 BODY BOLSTER BUILT-UP STEEL BODY CENTER PLATE DROP FORWARD BODY SIDE BEARING MALL. IRON CASTING CARLINES 5/16" PRESSED STEEL		CENTER SILL TWO 12" SHIP CHAN. @ 35 LBS PER FT. CENTER SILL AREA 28.52 SQ. IN. CENTER SILL COVER PLATE 1/2" x 20 1/2" COUPLER AAR TYPE "E" 5"x7" SHANK COUPLER RELEASE RIGGING A.C.F. BOT. OPER. DOOR YOUNGSTOWN - DOUBLE DOOR FIXTURES CAMEL DOOR CLEAR OPENING 6'-1 1/2" OR 12'-0" x 9'-4 1/16" DRAFT GEAR MINER A-18 DRAFT GEAR ATTACHMENT C.S. YOKE ENDS MURPHY CORR. 4 SECS. 3/16 EXCEPT 1/8" BOT. END LOAD RATIO 0.844 FLOORING 1 3/4" T. AND G. GENERAL DRAWING OF CAR - NO. WLE 4942 HAND BRAKE CAR BUILDERS - HORIZ. WINDL. AND SHAFT LINING END SEE TABLE LINING SIDE 1 1/2" T. AND G. ROOF "VIKING" CORR. CHI.-CLEV. CAR ROOF CO.		SIDE BEARING CENTERS 5'-0" SHEATHING .10 C.B. STEEL SUPERSTRUCTURE O.H. STEEL UNDERFRAME O.H. STEEL	

REVISIONS		GROUP NO.	ENGINEER
DR	TR	CH	
0/3	0/3	S.S.	4

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



5250 5499	YOUNGSTOWN	CAMEL	10'-4 1/8"	10'-7 3/8"	13'-6 3/8"	4'-10 3/8"	9'-10 3/16"	5300- 5499	WAB Co.	5200- 5499	BARBER S-2-A 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- 5249	NYAB Co.	5200- 5300- 5499	ASF A-3 RIDE CONTROL	5-OUTER, 5-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. MICH. 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. - 136900
 AVERAGE LIGHT WEIGHT - LBS. - 45100
 BUILDERS REFERENCE - LOT 5340
 R. R. SPEC. NO. - 11CB

CAR BODY DATA

AIR BRAKE MFG. - SEE TABLE
 AIR BRAKE SCHEDULE - AB
 BODY BOLSTER - BUILT UP STEEL
 BODY CENTER PLATE - DROP FORGED
 BODY SIDE BEARING - HARDENED STEEL
 CARLINES - 1/8" PRESSED 98 STEEL SEAM CARB

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. RY. LOFT. CO. BOT. OPERTG
 DOOR - SEE TABLE
 DOOR FIXTURES - SEE TABLE
 DOOR CLEAR OPENING - 7'-0" WIDEX - SEE TABLE
 DRAFT GEAR - SEE TABLE
 DRAFT GEAR ATTACHMENT - C. S. YORE
 ENDS - DREADNAUGHT C.B.S. 1/4" BOT. 3/16" TOP
 END LOAD RATIO - .0509
 FLOORING - 1 3/4" T & G
 GENERAL DRAWING OF CAR - NO. 139-11-493
 HAND BRAKE - AJAX
 LINING END - 25/32" T & G
 LINING SIDE - 25/32" T & G
 ROOF - MURPHY IMPROVED SOLID STEEL No. 146

TRUCK DATA

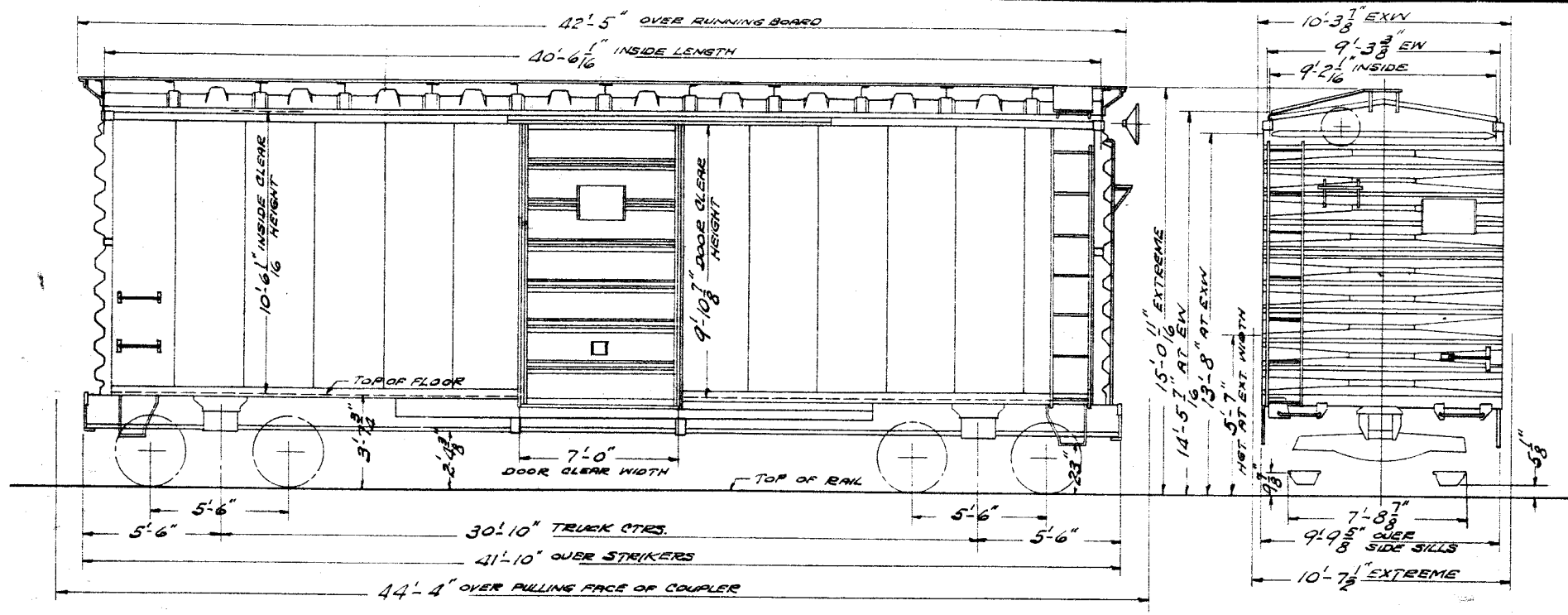
BOLSTER - CAST STEEL
 BRAKE BEAM - ARR NO. 3
 BRAKE BEAM SAFETY - GRIP NUT Co.
 CENTER PLATE - CAST INTEGRAL
 GENERAL DRAWING OF TRUCK NO.
 JOURNAL - 5 1/2" X 10"
 SIDE BEARING - STUCKI ROLLER TYPE
 SIDE FRAME - CAST STEEL
 SPRING - SEE TABLE
 WHEELS - ARR 33" DIA. ONE WEAR WROT. STEEL
 WEIGHT OF ONE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

MISCELLANEOUS

ROYAL TYPE "F" SLACK ADJUSTORS.

CLASS		5000-5499	
CLASS		CARS	
50 TON BOX			
N.K.P.			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO AUG. 30, 1946			
REVISIONS			
3-50			
43			
DR	TR	CH	GROUP NO.
JG	JG	MA	5
8			SHEET NO.
			1

SERIES AIR BRAKE
 6000-6999 W.R.B.
 6500-6999 N.Y.R.B.

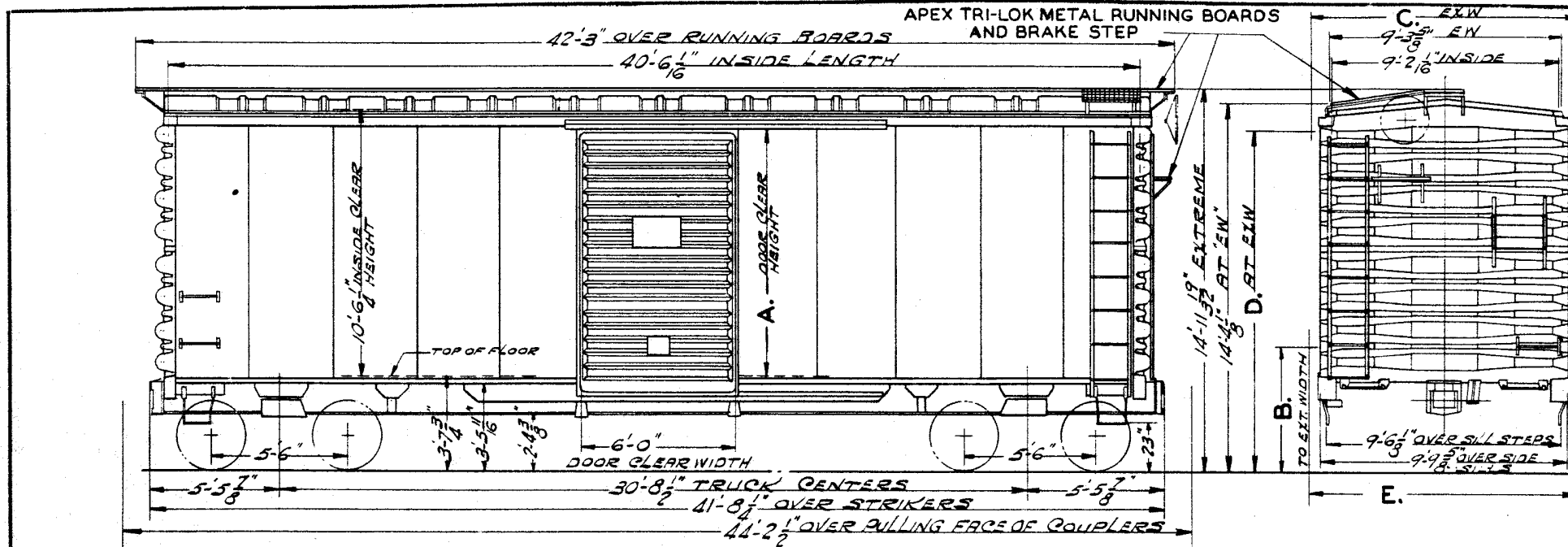


DRAFT GEAR	SERIES
WALSH 403-A	6000-6419
CARD-WEST N.Y. I-F	6420-6759
MINER A-22-XB	6760-6999

ROYAL TYPE "F" BRAKE REGULATOR

(PULLMAN STANDARD PS-1)

GENERAL DATA		TRUCK DATA		MISCELLANEOUS	
BUILT BY - PULLMAN STD. CAR MFG. CO.	CENTER SILL - A.A.R. 2-26 SEC. @ 36.2 LBS.	SIDE BEARING CENTERS - 4'-2"	SHEATHING - .0766" AND .10" STEEL H.T.L.A.	APEX TRI-LOK METAL BRAKE STEP AND RUNNING BOARD	
YEAR BUILT - 1948	CENTER SILL COVER PLATE	SUPERSTRUCTURE - STEEL		CLASS 6000 - 6999 CARS	
CAPACITY LEVEL FULL - CU. FT. - 3902	COUPLER - A.A.R. TYPE "E" 6 1/4 x 8" BOT. OPER.	UNDERFRAME - STEEL		50 TON BOX	
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER RELEASE RIGGING - PULLMAN BOT. OPER.			N.K.P. ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO FEB. 17, 1948	
AVERAGE LOAD LIMIT - LBS. - 134210	DOOR - SUPERIOR	TRUCK DATA			
AVERAGE LIGHT WEIGHT - LBS. - 45730	DOOR FIXTURES - SUPERIOR	BOLSTER - A-3 RIDE CONTROL	BRAKE BEAM - A.A.R. NO. 15	NOTE: - 1	
BUILDERS REFERENCE - LOT 5387	DOOR CLEAR OPENING - 7'-0" x 9'-10 1/8"	BRAKE BEAM SAFETY - GRIPCO	CENTER PLATE - CAST INTEGRAL	5-OUTER COIL, 5 INNER COIL AND 2-SIDE CONTROL SPRINGS PER	
R. R. SPEC. NO. - NONE	DRAFT GEAR - SEE TABLE	GENERAL DRAWING OF TRUCK NO.	JOURNAL - 5 1/2" x 10"	NEST. CARS 6000-6599 AND 6750-6874 HAVE 3 3/16" TRAVEL. CARS 6600-6749 AND 6875-6999 HAVE 3 1/16" TRAVEL.	
CAR BODY DATA		GENERAL DRAWING OF CAR - NO. 139-11-474		REVISIONS	
AIR BRAKE MFG. - SEE TABLE	ENDS - PULL DESIGN - H.T.L.A. ST. 3/16" BOT. & 5/16" TOP	END LOAD RATIO - .0509		3-26	
AIR BRAKE SCHEDULE - "AB"	FLOORING - 1 3/4 x 5 1/16" T. & G.	FLOORING - 1 3/4 x 5 1/16" T. & G.		63	
BODY BOLSTER - BUILT UP STEEL	GENERAL DRAWING OF CAR - NO. 139-11-474	HAND BRAKE - AJAX		TR	
BODY CENTER PLATE - DROP FORGED	LINING END - 25/32" x 3 1/4" T. & G.	LINING END - 25/32" x 3 1/4" T. & G.		CH	
BODY SIDE BEARING - DROP FORGED	LINING SIDE - 25/32" x 3 1/4" T. & G.	LINING SIDE - 25/32" x 3 1/4" T. & G.		GROUP No.	SHEET No.
CARLINES - 1/4" C.S. STEEL	ROOF - PULLMAN DESIGN #14 GR. H.T.L.A. ST.	ROOF - PULLMAN DESIGN #14 GR. H.T.L.A. ST.		5	2



DRAFT GEARS	CARS
MINER A-22-18	7000-7124
CARD-WESTGHE N.Y. 111 F	7125-7249
WAUGH TYPE 403	7250-7374
NATIONAL M-17-A	7375-7499

NOTE-1
SPRINGS 7000-7249 SERIES
AAR COIL 1915 DESIGN 5 OUTER AND 1-SYMMINGTON TYPE S B S SNUBBER PER NEST.

NOTE-2
SPRINGS 7250-7499 SERIES.
5-OUTER COILS, 5 INNER COILS 3 1/8 TRAVEL & 2 RIDE CONTROL SPRINGS PER NEST.

NOTE-3:
SCULLIN "L-V" TRUCKS APPLIED TO CARS 7010 AND 7042 IN 1948

7250-7499	131600	25400
7000-7249	129600	47400
CARS	AVE. LO. LMT.	AVE. LGT. WGT.

	1300-7199	7000-7299	A	B	C	D	E
SUPERIOR	9'-10 3/16"	9'-5 1/8"	10'-3 3/8"	13'-7 1/16"	10'-7 3/8"		
YOUNGSTOWN & CAMEL FIXTURES	9'-10 3/16"	9'-10 3/16"	10'-4 3/8"	13'-6 3/8"	10'-7 3/8"		
CARS	SIDE DOORS & FIXTURES						

THESE CARS EQUIPPED WITH ROYAL TYPE "F" SLACK ADJUSTER

GENERAL DATA		MISCELLANEOUS	
BUILT BY - RALSTON S. CO. COLUMBUS, OHIO	CENTER SILL - 2-AAR 2-26 SEC. 36.21/R PER FT.	SIDE BEARING CENTERS - 4'-2"	
YEAR BUILT - AUG. TO DEC. 1945	CENTER SILL COVER PLATE	SHEATHING - .10" CR STEEL	
CAPACITY LEVEL FULL CU. FT. - 3908 ACTUAL	COUPLER - AAR 6 1/4" X 8" TYPE "E" ROT T. OPERTG.	SUPERSTRUCTURE - STEEL	
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER RELEASE RIGGING - STD. RY. EXP. CO. 300. OPERTG.	UNDERFRAME - STEEL	
AVERAGE LOAD LIMIT - LBS. - SEE TABLE	DOOR - SEE TABLE	CARS 7000-7249	TRUCK DATA (NOTE-3)
AVERAGE LIGHT WEIGHT - LBS. - SEE TABLE	DOOR FIXTURE - SEE TABLE	BOLSTER - CAST STEEL DOUBLE TRUSS	CARS 7250-7499 ASF A-3 RIDE CONTROL
BUILDERS REFERENCE - LOT 2559	DOOR CLEAR OPENING - 6'-0" W X SEE TABLE	BRAKE BEAM - AAR NO 3	CAST STEEL ASF A3 RIDE CONTROL
R. R. SPEC. NO. - 9 CR	DRAFT GEAR - SEE TABLE	BRAKE BEAM SAFETY - GRIP NUT CO.	AAR NO 3
	DRAFT GEAR ATTACHMENT - C.S. YOKES	CENTER PLATE - CAST INTEGRAL	GREGO 4 POINT
	ENDS - DREADNAUGHT C.B.S. 1/4" ROT 3/16" TOP	GENERAL DRAWING OF TRUCK NO.	CAST INTEGRAL
	END LOAD RATIO - .0509	JOURNAL - 5 1/2" X 10"	
	FLOORING - 1 3/4" T & G	SIDE BEARING - STUCKI ROLLER TYPE	5 1/2" X 10"
	GENERAL DRAWING OF CAR NO 139-11-410	SIDE FRAME - CAST STEEL DOUBLE TRUSS	STUCKI ROLLER TYPE
	HAND BRAKE - AAR	SPRING - SEE NOTE-1	CAST STEEL ASF A3 RIDE CONTROL
	LINING END - 25/32" X 5 3/16" T & G	WHEELS - AAR 33 DIA. CI. SINGLE PLATE 750 L.R.	ONE WEAR WROUGHT STEEL AAR 33 DIA.
	LINING SIDE - 25/32" X 5 3/16" T & G	WEIGHT OF ONE TRUCK - 8000	7260 LBS.
	ROOF - MURPHY IMPROVED SOLID STEEL 1/4 GA CR STEEL	CTR. PLT. HGT. - 2'-13/4"	CTR. PLT. HGT. - 2'-13/4"

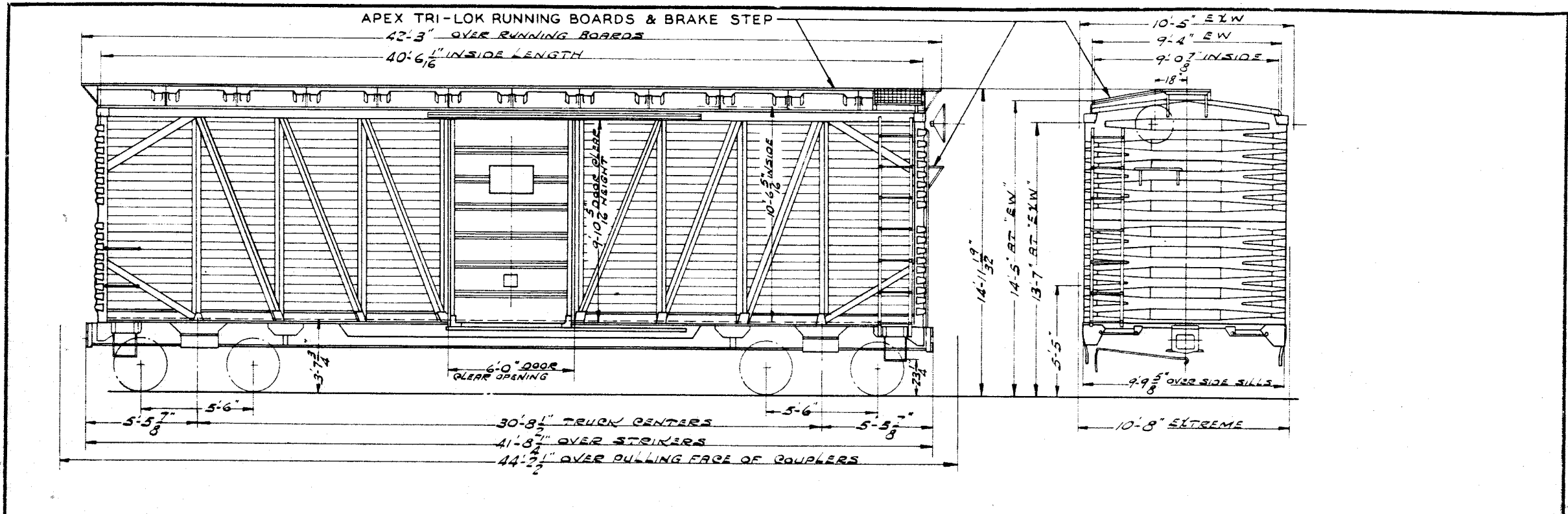
7000-7499

CLASS CARS

50-TON BOX
N.K.P.

ADVISORY MECHANICAL COMMITTEE
CLEVELAND, OHIO FEB. 26 1946

REVISIONS				
DR	TR	CH	GROUP NO.	SHEET NO.
1-11-52	JG B	JG B	5	3



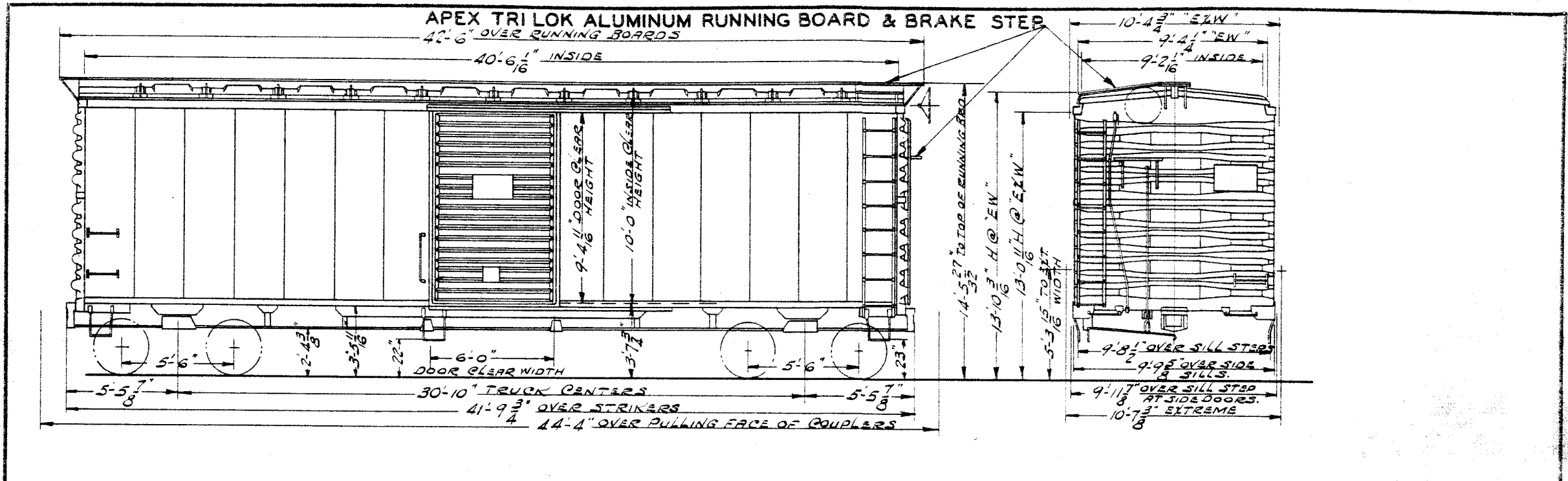
GENERAL DATA	
BUILT BY - <i>PULL. STD. CAR MFG. MICH. CITY IND.</i>	
YEAR BUILT - <i>APRIL 1944</i>	
CAPACITY LEVEL FULL - CU. FT. - <i>3887 X 2868</i>	
CAPACITY WITH 16 IN. HEAD CU. FT.	
AVERAGE LOAD LIMIT - LBS. - <i>131600</i>	
AVERAGE LIGHT WEIGHT - LBS. - <i>45400</i>	
BUILDERS REFERENCE - <i>LOT 5766</i>	
R. R. SPEC. NO. - <i>7 CB</i>	
CAR BODY DATA	
AIR BRAKE MFG. - <i>W. A. B. Co.</i>	
AIR BRAKE SCHEDULE - <i>BB 10" X 12"</i>	
BODY BOLSTER - <i>BUILT UP STEEL</i>	
BODY CENTER PLATE - <i>DROP FORGED</i>	
BODY SIDE BEARING - <i>HARDENED RYLE STEEL WEDGE TYPE</i>	
CAR LINES - <i>1/8" OBS SEAM CAPS</i>	

CENTER SILL - <i>2 AAR 2" SEC. 36.2 LB. PER FT.</i>
CENTER SILL AREA - <i>2130 SQ. IN.</i>
CENTER SILL COVER PLATE
COUPLER - <i>AAR 6 1/4 X 8 TYPE E BOT. OP. RT. G.</i>
COUPLER RELEASE BOWING - <i>STD. BY SQRT. 89.</i>
DOOR - <i>SUPERIOR</i>
DOOR FIXTURES - <i>SUPERIOR</i>
DOOR CLEAR OPENING - <i>W. 6'-0" H. 9'-10 5/16</i>
DRAFT GEAR - <i>WAUGH No. 403</i>
DRAFT GEAR ATTACHMENT - <i>O.S. YOKE</i>
ENDS - <i>ORLONAUT 1/4" BOT. 3/16 TOP</i>
END LOAD RATIO - <i>.0509</i>
FLOORING - <i>1 1/4" X 5 1/16" T & G</i>
FEDERAL DRAWING OF CAR - <i>No. 139-11-395</i>
HAND PLATE - <i>ANAX</i>
LOADING END - <i>2 3/32" X 5 3/16" T & G</i>
LOADING SIDE
ROOF - <i>MURPHY IMPROVED SOLID STEEL</i>

SIDE BEARING CENTERS - <i>4'-2"</i>	
SHEATHING - <i>1 1/2" X 5 1/16" T & G</i>	
SUPERSTRUCTURE - <i>STEEL FRAME</i>	
UNDERFRAME - <i>STEEL</i>	
TRUCK DATA	
BOLSTER - <i>OS DOUBLE TRUSS</i>	
BRAKE BEAM - <i>AAR No. 15</i>	
BRAKE BEAM SAFETY - <i>OS 3 POINT</i>	
CENTER PLATE - <i>CAST INTEGRAL</i>	
GENERAL DRAWING OF TRUCK NO.	
JOURNAL - <i>5 1/2" X 10"</i>	
SIDE BEARING - <i>STUCKI ROLLER TYPE</i>	
SIDE FRAME - <i>OS DOUBLE TRUSS INTEGRAL BOX</i>	
SPRING - <i>SEE NOTE - 1</i>	
WHEELS - <i>33" DIA. AAR ONE WEAR W. STEEL</i>	
WEIGHT OF ONE TRUCK - <i>7490 LBS.</i>	
QTR. PLT. HGT. - <i>2'-13 1/4"</i>	

MISCELLANEOUS	
<i>NOTE: - 1 SPRINGS</i>	
<i>AAR COIL 1915 DESIGN 5 OUTER</i>	
<i>& 1 CARDWELL WESTINGHOUSE</i>	
<i>TYPE "A" SNUBBER PER NEST.</i>	

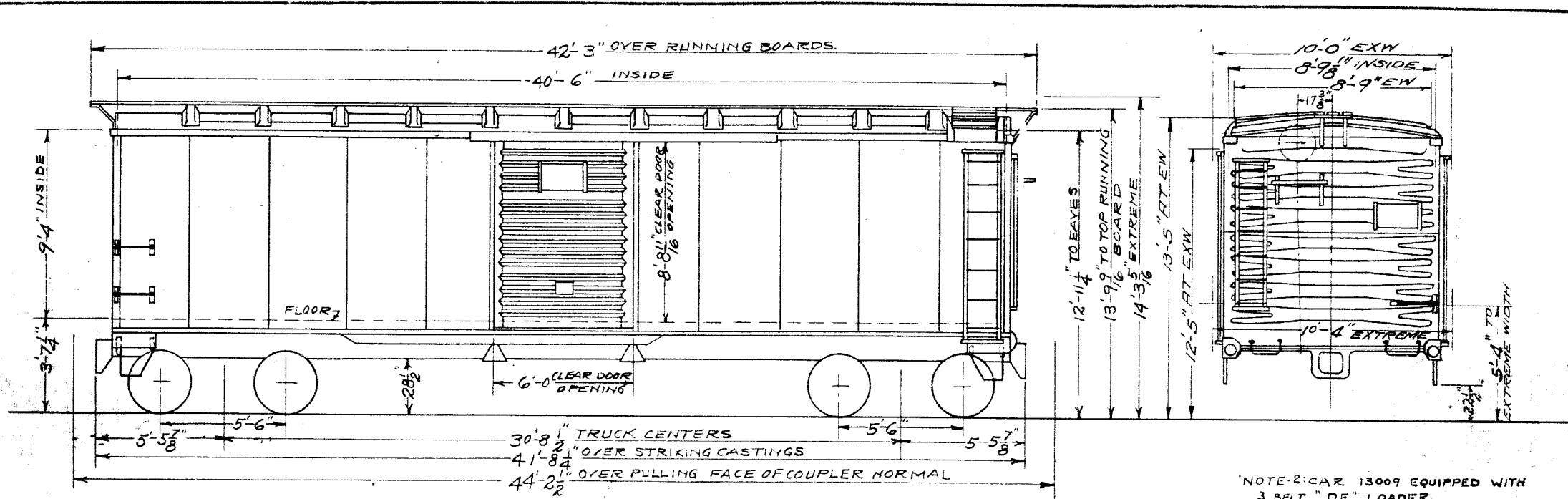
CLASS		8000 - 8199	
CLASS		CARS	
50 TON BOX			
N.K.P.			
ADVISORY MECHANICAL COMMITTEE			
CLEVELAND, OHIO <i>2-26-45</i>			
REVISIONS			
DR	TR	CH	
<i>1/63</i>	<i>1/68</i>	<i>AK</i>	
GROUP No.		SHEET No.	
5		4	



THESE CARS EQUIPPED WITH STEAM, AIR & SIGNAL LINES.

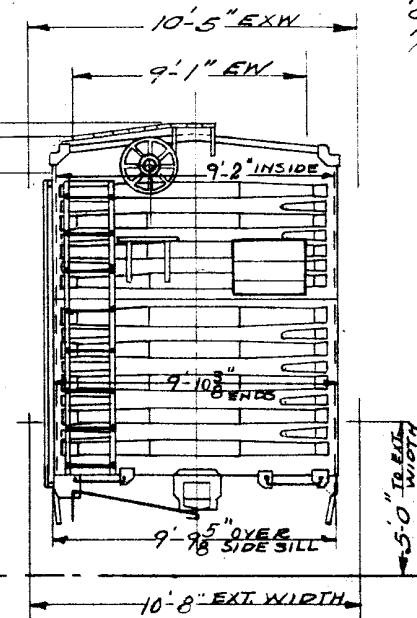
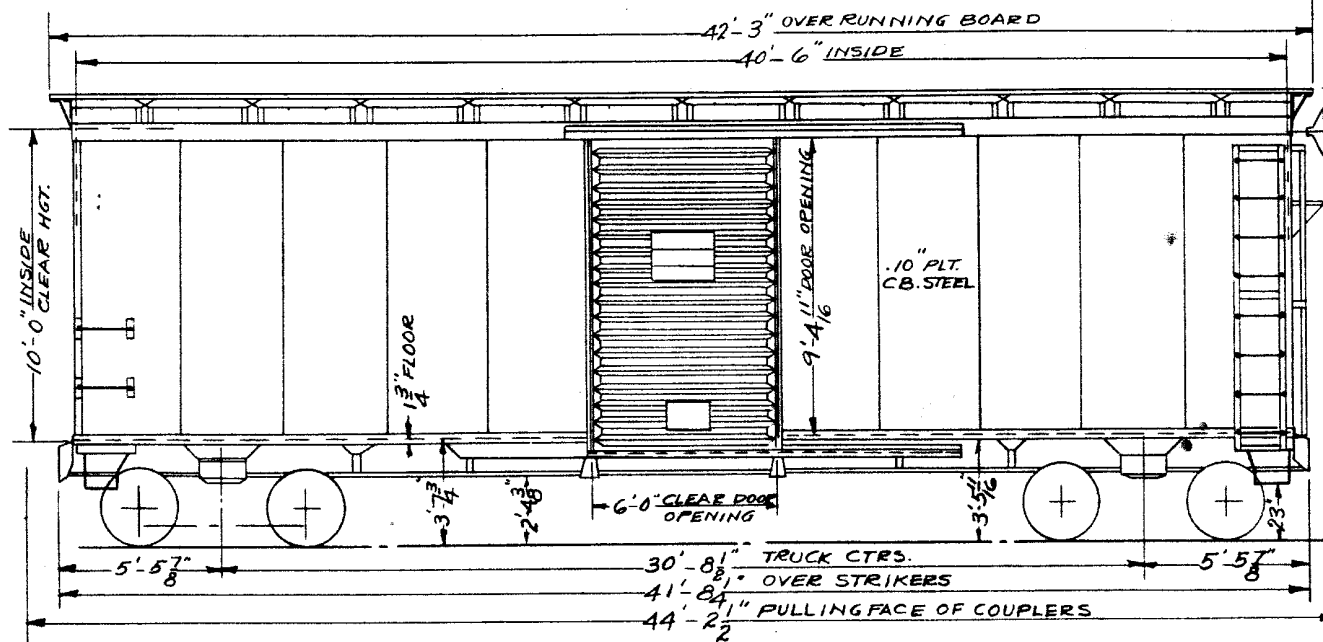
GENERAL DATA		MISCELLANEOUS	
BUILT BY - N.K.P., FRANKFORT, INDIANA	CENTER SILL - 2 AAR 2-26 SEC. @ 36.21 # PER FT.	SMOOTHING - 1/8" ALUMINUM	NOTE: - 1 SPRINGS
YEAR BUILT - NOV. & DEC. 1947	CENTER SILL COVER PLATE	SUPERSTRUCTURE - ALUMINUM	5- OUTER 5 INNER 3 3/16" TRAVEL
CAPACITY LEVEL FULL - CU. FT. - 3715	COUPLER - AAR 6 1/4" X 8" TYPE E BOT. OPERTG.	UNDERFRAME - STEEL WITH ALUM. FLOOR STRINGERS	& 2 RIDE CONTROL SPRINGS
CAPACITY WITH TO IN. HEAP CU. FT.	COUPLER RELEASE - IGGING - STD. RY. EQPT. 80.		PER NEST.
AVERAGE LOAD LIMIT - LBS. - 13720	DOOR - YOUNGSTOWN ALUMINUM	TRUCK DATA	EQUIPPED WITH A.A.R. 1946 PASSENGER AILE
AVERAGE LIGHT WEIGHT - LBS. - 39780	DOOR FIXTURES - CAMEL	DOLSTER - C.S. ASF A-3 RIDE CONTROL	
BUILDERS REFERENCE	DOOR CLEAR OPENING - 6'-0" W. X 9'-4 1/16" H.	BRAKE BEAM - AAR NO. 3	
R. R. SPEC. NO.	DRAFT GEAR - MINER A-22-XB	BRAKE BEAM SAFETY - CRECO 1 POINT	
	DRAFT GEAR ATTACHMENT - C.S. YOK'S	CENTER PLATE - CAST INTEGRAL	
CAR BODY DATA	ENDS - DREADNAUGHT-ALUM 3/16" TOP 1/4" BOT.	GENERAL DRAWING OF TRUCK NO - 184-7-139	
AIR BRAKE MFG. - NEW YORK	END LOAD RATIO - 0.509	JOURNAL - 5 1/2" X 10" TIMKEN ROLLER BEARING	
AIR BRAKE SCHEDULE - AB 4A & A2A	FLOORING - 1 3/4" T & G.	SIDE BEARING - SYMINGTON-GOULD	
BODY BOLSTER - BUILT UP STEEL	GENERAL DRAWING OF CAR - NO - 139-11-415	SIDE FRAME - C.S. ASF A-3 RIDE CONTROL	
BODY CENTER PLATE - DROP FORGED	HAND BRAKE - A-JAL ALUM. HOUSING	SPRING - SEE NOTE - 1	
BODY SIDE BEARING - HARDENED STEEL	LINING END - 25/32" X 5 3/16" T & G	WHEELS - AAR 33" DIA. INWS	
CAR LINES - 3/16" STRESSED ALUM. SEAM CAPS	LINING SIDE - 25/32" X 5 3/16" T & G	WEIGHT OF ONE TRUCK - 3000	
	ROOF - MURPHY IMPROVED - ALUMINUM	GR. PLT HGT - 2' 1 3/4"	

	8500-8509
CLASS	CARS
50 TON BOX	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO DEC. 26, 1947	
REVISIONS	
DR	TR
CH	GROUP NO.
SHEETS	SHEET NO.
5	5



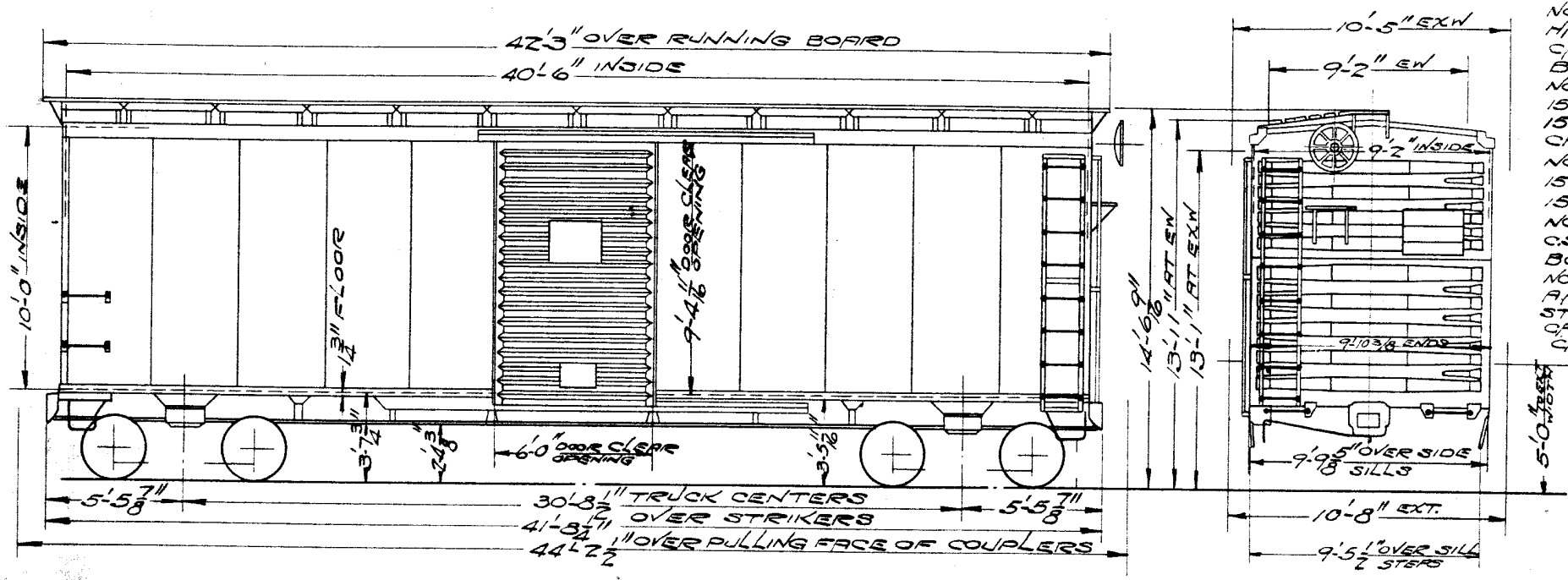
NOTE 2: CAR 13009 EQUIPPED WITH 3 BELT "DF" LOADER.
 NOTE 3: CARS 13065, 13084, 13108, 13213, 13311, 13313, 13441, 13498 ARE EQUIPPED WITH ROOF HATCHES.

GENERAL DATA BUILT BY PULLMAN YEAR BUILT 1934 CAPACITY - LBS. 100,000 CAPACITY - CU. FT. 8311 AVERAGE LOAD LIMIT - LBS. 13,500 AVERAGE LIGHT WEIGHT - LBS. 45500 BUILDERS REFERENCE - LOT No. 5499 R. R. SPEC. NO. 4-CB		CENTER SILL ARA STD. 40.3# CHAN. CENTER SILL AREA 22.815 SQ. IN. CENTER SILL COVER PLATE 1/4" X 2 5/8" COUPLER ARA TYPE-E 6 1/4 X 8 COUPLER RELEASE RIGGING ROTARY BOT. OPER. DOOR YOUNGSTOWN DOOR FIXTURES CAMEL DOOR CLEAR OPENING 6'-0" W 8'-8 1/16" H. DRAFT GEAR WAUGH 403 DRAFT GEAR ATTACHMENT C.S. YOKE A.R.A. ENDS DREADNAUGHT END LOAD RATIO 0.47 FLOORING 1 3/4" T & G BOARDS Y.P. GENERAL DRAWING OF CAR - NO. 139-11-209 HAND BRAKE - ATAX VERTICAL LINING END 1 3/16" FIR T & G. LINING SIDE 1 3/16" FIR T & G. ROOF HUTCHINS		SIDE BEARING CENTERS 4'-2" SHEATHING C.B. STEEL PLATES 10" THICK SUPERSTRUCTURE - STEEL UNDERFRAME - BUILT UP STEEL TRUCK DATA BOLSTER CAST STEEL BRAKE BEAM A.R.A. NO. 15 BRAKE BEAM SAFETY GREGG 4 POINT CENTER PLATE CAST INTEGRAL GENERAL DRAWING OF TRUCK NO. JOURNAL 5 1/2" X 10" SIDE BEARING E.D. S WOODS ROLLER TYPE SIDE FRAME CAST STEEL SPRING SEE NOTE-1 WHEELS C.I. 33" 750# WEIGHT OF ONE TRUCK 7880# CENTER PLATE HEIGHT - 2'-7 3/4"		MISCELLANEOUS NOTE-1: CARS 13000-13399 6-AKA 1915 OUTER COLLS. CARS 13400 - 13499 COIL-ELLIPTIC		13000-13499 CLASS CARS 50 TON BOX N.K.P. ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JUNE 28, 1934									
CAR BODY DATA AIR BRAKE MFG. N.Y.A.B. Co. AIR BRAKE SCHEDULE - AB FREIGHT BRAKE BODY BOLSTER BUILT UP STEEL BODY CENTER PLATE DROP FORGED BODY SIDE BEARING CARLINES PRESSED STEEL		GENERAL DRAWING OF CAR - NO. 139-11-209 HAND BRAKE - ATAX VERTICAL LINING END 1 3/16" FIR T & G. LINING SIDE 1 3/16" FIR T & G. ROOF HUTCHINS		NOTE-1: CARS 13000-13399 6-AKA 1915 OUTER COLLS. CARS 13400 - 13499 COIL-ELLIPTIC		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>L</td> <td>H</td> <td>M</td> <td>5</td> <td>6</td> </tr> </table>		DR	TR	CH	GROUP NO.	SHEET NO.	L	H	M	5	6
DR	TR	CH	GROUP NO.	SHEET NO.													
L	H	M	5	6													



NOTE:-1- BRAKE BEAMS
 15000-15124 R.R. #15 WITH C.S. HEADS
 15125-15249 R.R. #15 WITH M.I. HEADS
 15250-15374 R.R. #15 WITH
 C.S. HEADS & WEAR PLATES
 15375-15499 R.R. #15 WITH
 M.I. HEADS & WEAR PLATES

GENERAL DATA		MISCELLANEOUS																							
BUILT BY - G.A.C.CO. EAST CHICAGO	CENTER SILL - R.R. "Z" SECTION 3 1/2" x 2 1/2"	SIDE BEARING CENTERS - 4'-2"	<table border="1"> <tr> <td colspan="2">15000-15499</td> </tr> <tr> <td>CLASS</td> <td>CARS</td> </tr> <tr> <td colspan="2">50 TON BOX</td> </tr> <tr> <td colspan="2">N.K.P.</td> </tr> <tr> <td colspan="2">ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO DEC.-15-1936.</td> </tr> <tr> <td colspan="2">REVISIONS</td> </tr> <tr> <td>DR</td> <td>TR</td> <td>CH</td> <td>GROUP No</td> <td>SHEET No</td> </tr> <tr> <td>L.H.M.</td> <td>L.H.M.</td> <td>C.M.S.</td> <td>5</td> <td>7</td> </tr> </table>	15000-15499		CLASS	CARS	50 TON BOX		N.K.P.		ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO DEC.-15-1936.		REVISIONS		DR	TR	CH	GROUP No	SHEET No	L.H.M.	L.H.M.	C.M.S.	5	7
15000-15499																									
CLASS	CARS																								
50 TON BOX																									
N.K.P.																									
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO DEC.-15-1936.																									
REVISIONS																									
DR	TR	CH		GROUP No	SHEET No																				
L.H.M.	L.H.M.	C.M.S.		5	7																				
YEAR BUILT - OCT. 1936	CENTER SILL AREA - 21.3 SQ. IN.	SHEATHING - 10" C.B. STEEL																							
CAPACITY LEVEL FULL - CU. FT. - 3713	CENTER SILL COVER PLATE	SUPERSTRUCTURE - STEEL																							
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER - R.R. TYPE "E" 6 1/4" x 8" SHANK	UNDERFRAME - STEEL																							
AVERAGE LOAD LIMIT - LBS. - 131,500	COUPLER RELEASE RIGGING - U.M.P.CO. BOTTOM PLATE	TRUCK DATA																							
AVERAGE LIGHT WEIGHT - LBS. - 45,200	DOOR - YOUNGSTOWN STEEL	BOLSTER - C. STEEL DOUBLE TRUSS																							
BUILDERS REFERENCE - BO-2752	DOOR FIXTURES - CAMEL BOTTOM HUNG	BRAKE BEAM - SEE NOTE:-1																							
R. R. SPEC. NO. - 5-CB	DOOR CLEAR OPENING - 6'-0" W. 9'-4 1/16" H.	BRAKE BEAM SAFETY GRIP NUT CO'S																							
	DRAFT GEAR - WAUGH 403	CENTER PLATE - C. STEEL - INTEGRAL																							
	DRAFT GEAR ATTACHMENT - R.R. C. STEEL YOKE	GENERAL DRAWING OF TRUCK NO. 184-4-48																							
	ENDS - DREADNAUGHT C.B. STEEL 1/4" BOT. 3/16" TOP	JOURNAL - 5 1/2" x 10"																							
	END LOAD RATIO - .0509	SIDE BEARING - 3" TRUCK																							
	FLOORING - 1 3/4" YELLOW PINE T.&G.	SIDE FRAME - DOUBLE TRUSS INTEGRAL BOX																							
	GENERAL DRAWING OF CAR NO. 139-11-272	SPRING - R.R. 1915-5 COIL & CROWN TYPE "A" R.R.																							
	HAND BRAKE - AJAX	WHEELS - SINGLE PLATE CAST IRON																							
	LINING END - 1 3/16" FIR	WEIGHT OF ONE TRUCK - 7880*																							
	LINING SIDE - 1 3/16" FIR	CENTER PLATE HEIGHT - 2'-1 3/4"																							
	ROOF - VIKING ALL STEEL U.S. #16 GAUGE																								



NOTE:-1. CARS 15500-15849 HAVE N.Y.A.B. CO. AIR BRAKES, CAR 15850-15999 HAVE W.A. B. CO. AIR BRAKES.
 NOTE:-2. HAND BRAKES 15500-15699 - A.J.A.X., 15700-15899 - EQUIPCO, & 15900-15999 CHAMPION.
 NOTE:-3. BRAKE BEAM SAFETY 15500-15799 GRIPNUT CO. 15800-15999 CRECO-4 POINT.
 NOTE:-4. SIDE FRAME C.S. DOUBLE TRUSS INTEGRAL BOX TYPE.
 NOTE:-5. SPRINGS A.A.R. 1915 COIL 5-OUTER & 1-C-2-18 STABILIZER PER NEST ON CARS 15500-15824. CARS 15825-15999 A.A.R. COIL 5-OUTER & 1-C-2A STABILIZER PER NEST.

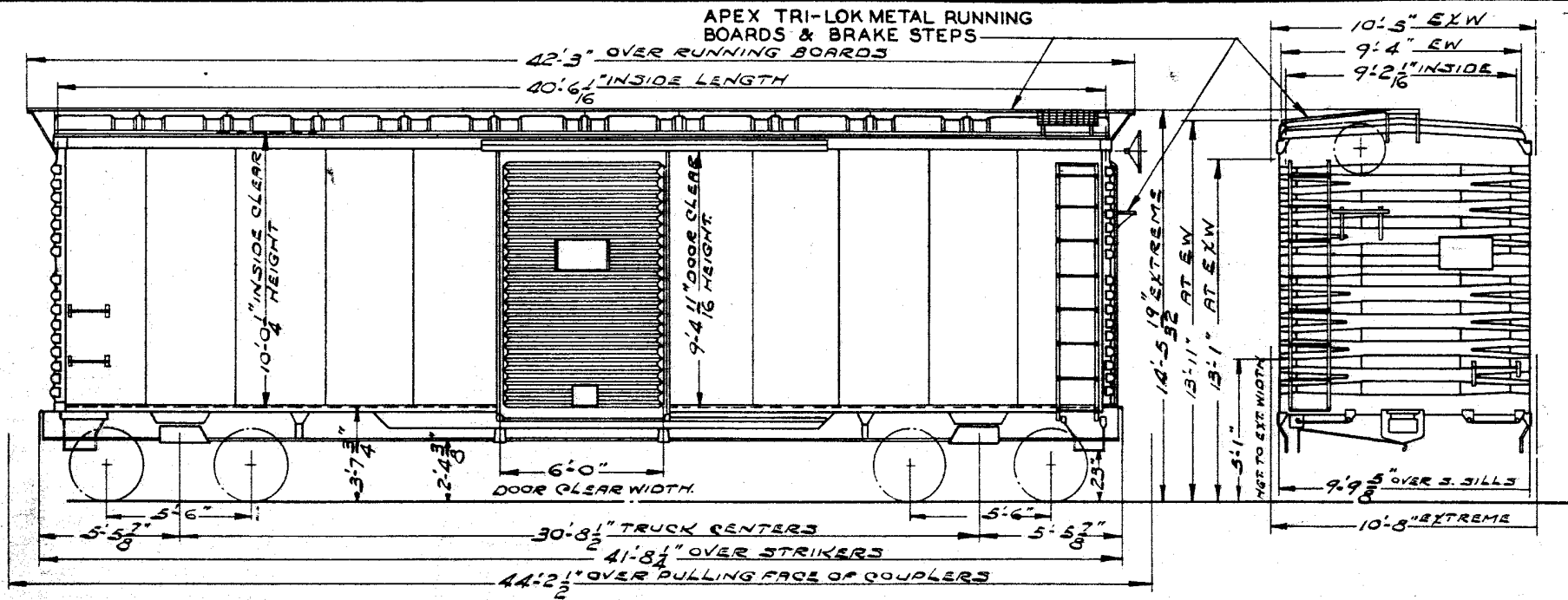
GENERAL DATA	
BUILT BY - GATCORP & CHICAGO IND.	YEAR BUILT - 1937
CAPACITY LEVEL FULL - CU. FT. - 3713	CAPACITY WITH 10 IN. HEAP CU. FT.
AVERAGE LOAD LIMIT - LBS. - 131,800	AVERAGE LIGHT WEIGHT - LBS. - 45,600
BUILDERS REFERENCE - BO-2779	R. R. SPEC. NO. - 5-CB
CAR BODY DATA	
AIR BRAKE MFG. - SEE NOTE:-1	AIR BRAKE SCHEDULE - 1AB
BODY BOLSTER - BUILT UP STEEL	BODY CENTER PLATE - DEEP FORGED
BODY SIDE BEARING - AXLE STEEL	CARLINES - 5/32" O.H.S

CENTER SILL - A.A.R. 2" SEC. 36.21*	CENTER SILL AREA - 21.3 SQ. IN.	CENTER SILL COVER PLATE	COUPLER - AAR TYPE "C" 6 1/4" X 8" SHANK	COUPLER RELEASE RIGGING - U.M.P.C. BOTTOM OPER	DOOR - YOUNGSTOWN	DOOR FIXTURES - CAMEL	DOOR CLEAR OPENING - 6'-0" X 9'-4 1/16"	DRAFT GEAR - MINER A-22-XA	DRAFT GEAR ATTACHMENT - C.S. YOKE	ENDS - DREADNAUGHT C.B.S. 3/16" TOP & 1/8" BOT	END LOAD RATIO - .0509	FLOORING - 13/4"	GENERAL DRAWING OF CAR NO. 139-11-282	HAND BRAKE - SEE NOTE:-2	LINING END - 13/16"	LINING SIDE - 13/16"	ROOF - VIKING #16 GAUGE
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TRUCK DATA											
BOLSTER - C.S. DOUBLE TRUSS	BRAKE BEAM - A.A.R. #15	BRAKE BEAM SAFETY - SEE NOTE:-3	CENTER PLATE - INTEGRAL	GENERAL DRAWING OF TRUCK NO. 18A-4-48	JOURNAL - 5 1/2" X 10"	SIDE BEARING - POCKET & SHOE	SIDE FRAME - SEE NOTE:-4	SPRING - SEE NOTE:-5	WHEELS - 33" C.I. SINGLE PLATE	WEIGHT OF ONE TRUCK - 7880 #	CENTER PLATE HEIGHT - 2'-13/4"

MISCELLANEOUS			
SIDE BEARING CENTERS - 4'-2 1/16"	SHEATHING - -10" C.B.S.	SUPERSTRUCTURE - STEEL	UNDERFRAME - STEEL

CLASS		15500-15999	
CLASS		CARS	
50-TON BOX			
N.K.P.			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JULY 20, 1937			
A			
REVISIONS			
DR	TR	CH	GROUP NO.
	J.B.	C.M.S.	5
			SHEET NO.
			8



DRAFT GEAR	CARS
NATIONAL M-17-A	16000 TO 16199
MINER A-22-XB	16200 TO 16399
CARD-WESTGHEZ NY-11-E	16400 TO 16499

16250 TO 16499	ORECO 3-POINT	16300 TO 16499	N.Y.A.B. Co.
16000 TO 16249	GRIP NUT Co.	16000 TO 16249	W.A.B. Co.
CARS	BRAKE BEAM SAFETY	CARS	AIR BRAKE MFG.

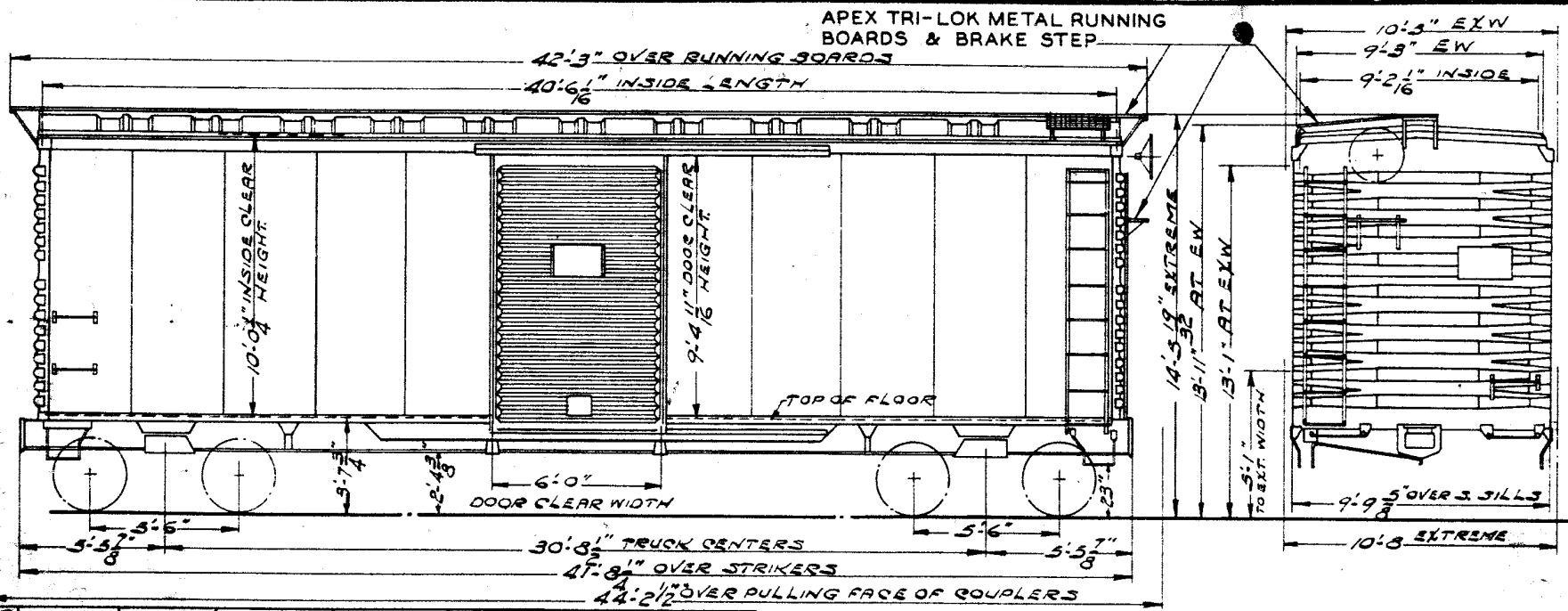
GENERAL DATA	
BUILT BY -	AC & F. Co. ST. LOUIS MO.
YEAR BUILT -	AUG. TO SEPT. 1941
CAPACITY LEVEL FULL - CU. FT. -	3723
CAPACITY WITH 12 IN. HEAD CU. FT. -	
AVERAGE LOAD LIMIT - LBS. -	131700
AVERAGE LIGHT WEIGHT - LBS. -	45300
BUILDERS REFERENCE -	LOT 2272
R. R. SPEC. NO. -	5-98
CAR BODY DATA	
AIR BRAKE MFG. -	SEE TABLE
AIR BRAKE SCHEDULE -	"AB" 10" X 12"
BODY BOLSTER -	BUILT UP STEEL
BODY CENTER PLATE -	HARDENED STEEL
BODY SIDE BEARING -	DROP FORGED
CAR LINES -	1/8" C.B. PRESSED STEEL SEAM CRAS.

CENTER SILL -	2" X 2" SEC. 36.21 LB. PER FT.
CENTER SILL AREA -	21.3 SQ. IN.
CENTER SILL COVER PLATE	
COUPLER -	AA TYPE "E" 6 1/4" X 8" BOLT OPERG.
COUPLER RELEASE KIGGING -	STD. BY 3072 Co. BOLT OPERG.
DOOR -	YOUNGSTOWN CORRUG. STEEL
DOOR FIXTURES -	GAMEL
DOOR CLEAR OPENING -	9' 4 1/16" X 6'-0"
DRAFT GEAR -	SEE TABLE
DRAFT GEAR ATTACHMENT -	C.S. YOKS
ENDS -	ORSONAUGHT-STEEL C.B. 1/4" BOLT 3/16" TOP
END LOAD RATIO -	.0509
FLOORING -	1 3/4" T & G.
GENERAL DRAWING OF CAR NO. -	139-11-352
HAND BRAKE -	A. 18X
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 #13 GA.

SIDE BEARING CENTERS -	4'-2"
SHEATHING -	.10" CB STEEL
SUPERSTRUCTURE -	STEEL
UNDERFRAME -	STEEL
TRUCK DATA	
BOLSTER -	C.S. DOUBLE TRUSS
BRAKE BEAM -	BAR. NO. 15
BRAKE BEAM SAFETY -	SEE TABLE
CENTER PLATE -	CAST INTEGRAL
GENERAL DRAWING OF TRUCK NO. -	
JOURNAL -	5 1/2" X 10"
SIDE BEARING -	POCKET & SHOE
SIDE FRAME -	C.S. DOUBLE TRUSS INTEGRAL BOX
SPRING -	SEE NOTE - 1.
WHEELS -	AA-33 DIA. C.I. SINGLE PLATE 750 LB.
WEIGHT OF ONE TRUCK -	7970 #
CTR. PLT. HGT. -	2'-1 3/4"

MISCELLANEOUS
 NOTE: - 1 - SPRINGS -
 CARS 16000-16249 BAR COIL 1915
 DESIGN, 4 OUTER AND 1-SIMPLEX
 SNUBBER PER NEST.
 CARS 16250-16499 BAR COIL 1915
 DESIGN, 3 OUTER AND 1-CARD -
 WESTGHEZ TYPE "A" SNUBBER
 PER NEST.

16000-16499	
CLASS	CARS
50 TON BOX	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JAN. 14, 1942	
REVISIONS	
11-19 27	
DR	TR
JGA	JGB
CH	CH
GROUP No.	SHEET No.
5	9



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

17100-17699	JUNE TO AUG 1944	132300	44700	BO 2938	W.A.B.CO.	STUCK ROLLER	RR 33" DIA. ONE WEAR WROST STEEL	7210*
16500-17399	JAN. TO APRIL 1942	131600	45400	LOT 2880	N.Y.A.B.CO.	POCKET & SHOE	RR 33" DIA. Q.I. SINGLE P.L.T. 750*	7900*
CARS	YEAR BUILT	AVERAGE LD. LMT.	AVERAGE LGT. WGT.	BUILDERS REFERENCE	AIR BRAKE MFG.	TRUCK SIDE BEARING	WHEELS	TRUCK WGT.

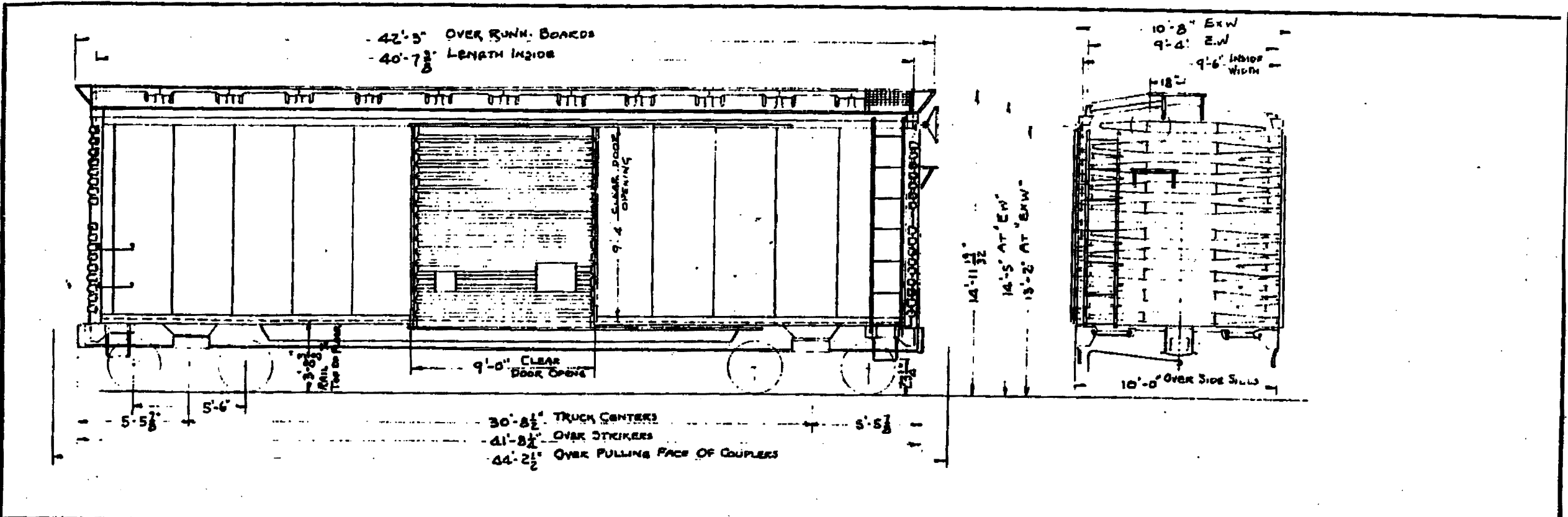
GENERAL DATA	
BUILT BY -	GEN. AM. TRANS. CORP. & CHICAGO, IND.
YEAR BUILT -	SEE TABLE
CAPACITY LEVEL FULL CU. FT. -	879 5723
AVERAGE LOAD LIMIT - LBS. -	SEE TABLE
AVERAGE LIGHT WEIGHT - LBS. -	SEE TABLE
BUILDERS REFERENCE -	SEE TABLE
R. R. SPEC. NO. -	5 08
CAR BODY DATA	
AIR BRAKE MFG. -	SEE TABLE
AIR BRAKE SCHEDULE -	"A" 10" X 12"
BODY BOLSTER -	BUILT UP STEEL
BODY CENTER PLATE -	DROP FORGED
BODY SIDE BEARING -	HARDENED STEEL
CAPLINES -	1/8" C.B. PRESSED STEEL SSAM CARS

CENTER SILL -	2-RR 2" SEC. 36.21 LB. 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. BY BOP. 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-22-1A
DRAFT GEAR ATTACHMENT -	C.S. YOKE
ENDS -	ORONAUGHT C.B. 1/4" BOT. 3/16" TOP
END LOAD RATIO -	.0509
FLOORING -	1 3/4" T&G.
GENERAL DRAWING OF CAR -	NO 139-11-352, 139-11-397
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 USS #15

SIDE BEARING CENTERS -	4'2"
SHEATHING -	.10" CR STEEL
SUPERSTRUCTURE -	STEEL
UNDERFRAME -	STEEL
TRUCK DATA	
BOLSTER -	C.S. DOUBLE TRUSS
BRAKE BEAM -	ARR NO. 15
BRAKE BEAM SAFETY -	QRECO 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 -	SEE TABLE
CTR. P.L.T. HGT. -	2' 1 3/4"

MISCELLANEOUS	
NOTE: 1	CARS 16600 - 16649 AND CARS 17400 - 17699 ARR COIL 1915 DESIGN 5 OUTER & 1- CARD-WEST G.H.S.E TYPE "A" SNUBBER PER NEST.
	CARS 16650 - 17149 ARR COIL 1915 DESIGN 5 OUTER & 1 MINOR CLASS "C-2" XB SNUBBER PER NEST.
	CARS 17150 - 17399 ARR COIL 1915 DESIGN 5 OUTER & 1- SYMINGTON GOULD TYPE "SB-R" SNUBBER PER NEST.

17400-17699				
16500-17399				
CLASS	CARS			
50-TON BOX				
N.K.P.				
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO FEB 13, 1942				
REVISIONS				
DR	IR	CH	GROUP NO.	SHEET NO.
JG	JG	06	5	10



GENERAL DATA

MADE BY PULL. MFG. CO. CITY: RENO, N.V.
 APR. 1964
 CAPACITY: 50 TONS
 AVERAGE LIGHT WEIGHT: 12,700 LBS.
 AVERAGE LIGHT WEIGHT: 4,800 LBS.

CAR BODY DATA

W.A.D. Co.
 AB 10" IZ
 BUILT-UP STEEL
 DROP FORDS
 HARDENED AXLE STEEL
 1/2" C.B.S. BEAM CAPS

CENTER LINE AAR 220 @ 36-24 FT
 CENTER LINE AREA 21.30 SQ. IN.
 CENTER LINE COVER PLATE
 COUPLER AAR 6 1/2" x 8" TYPE 'E' BOTT. OPERATING
 COUNTRY OF ORIGIN STD. RY. EQUIP. Co.
 MAKE YOUNGSTOWN
 MAKE CAMEL
 DOOR CLEAR OPENING W. 9'-0" H. 9'-4"
 DRAFT GEAR WAUGH NR 405
 DRAFT GEAR ATTACHMENT C.S. YORKE
 MAKE DREYFUS 1/2" BOTT. 1/4" TOP
 MAKE OSGOOD
 MAKE SEE MISC.
 MAKE AXJAX
 MAKE 1/2" STEEL PLT.
 MAKE 1/2" THICK STEEL RUD RAILS
 MAKE MURPHY IMPROVED SOLID STEEL

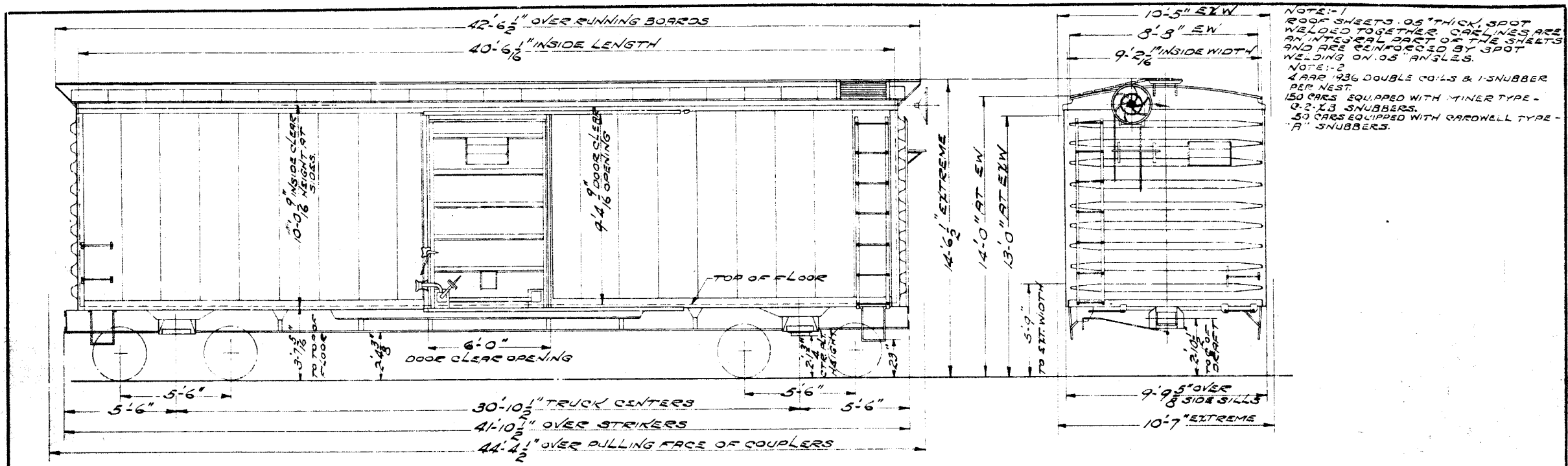
TRUCK DATA

MAKE C.S. DOUBLE TRUSS
 MAKE AAR NR 18
 MAKE CESCO 3-POINT
 MAKE EAST INTEGRAL
 MAKE 3 1/2" x 10"
 MAKE STUCKI ROLLER
 MAKE C.S. DOUBLE TRUSS INTEGRAL BOX
 MAKE SEE NOTE 1
 MAKE 33" DIA. AAR ONE WEAKE WOOD STEEL
 MAKE 7000 LBS.
 MAKE C.TE. PLT. HEIGHT 2'-1 1/2"

MISCELLANEOUS

NOTE 1: SPRINGS
 AAR COIL 1915 DESIGN - 5 OUTER & 1 CARDWELL
 WESTHOUSE TYPE 'A' RUBBER PER NEST
 8- DUCK BRCS P. NR DP-205514
 8- CROSSBARS P. NR DP-204454
 4- DECKBOARDS DG-NR 157-2-160
 3 1/2" T.B.G. STD FLOOR CARS 8200-8249
 2 1/2" KOPPER FLOOR CARS 8250-8299

CLASS		8200-8299	
50-TON BOX			
NKP			
SEPT 15 1964			
LN	TP	CF	SHEET NO
ONS	ONS	EF	11



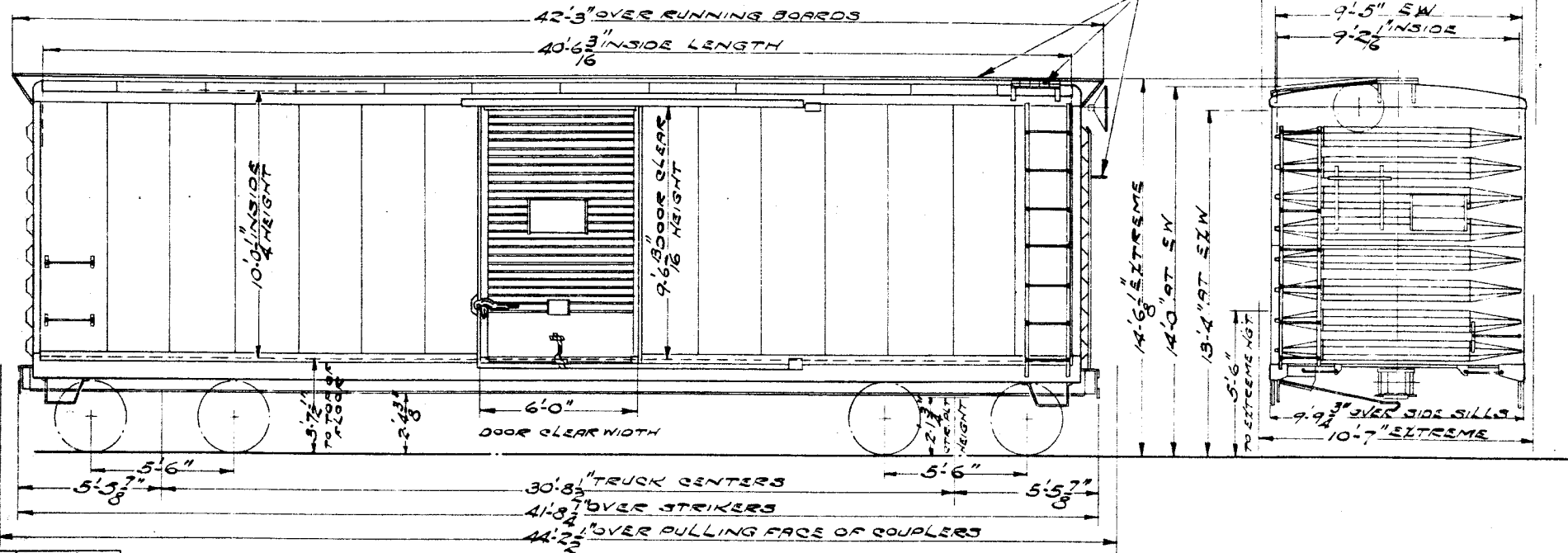
NOTE:-1
 ROOF SHEETS .05" THICK, SPOT WELDED TOGETHER. CARLINES ARE AN INTEGRAL PART OF THE SHEETS AND ARE REINFORCED BY SPOT WELDING ON .05" ANGLES.

NOTE:-2
 4 AIR 136 DOUBLE COILS & 1-SNUBBER PER NEST.
 150 CARS EQUIPPED WITH MINER TYPE - 13-2-13 SNUBBERS.
 50 CARS EQUIPPED WITH GARDWELL TYPE - 7" SNUBBERS.

20100-20199	38500*	138500*	750* C/IRON ASC & MFG CO.	7680*
20000-20099	38300*	138700*	695* SING. PLT. C.I. ASC & MFG CO.	7500*
CARS	AVERAGE LGT. WGT.	AVERAGE LO. LMT.	WHEELS	TRUCK WEIGHT

GENERAL DATA BUILT BY - R.S. C. MFG. CO. MICH. CITY, INO. YEAR BUILT - JAN. & FEB. 1940 CAPACITY LEVEL FULL - CU. FT. - 3733 CAPACITY WITH 18 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.		TRUCK DATA BOLSTER - HI-TENSILE C-STEEL BRAKE BEAM - AIR NO. 15 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'-13/16"		MISCELLANEOUS 20000-20199 CLASS CARS 50 TON LGT. WGT. BOX N.K.P. ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO FEB. 13, 1940																					
CAR BODY DATA AIR BRAKE MFG. - N.Y. B.B. CO. AIR BRAKE SCHEDULE - 3B BODY BOLSTER - 3/16" BRESSED CORTEN STEEL BODY CENTER PLATE - DROP FORGED BODY SIDE BEARING - DROP FORGED CARLINES - SEE NOTE:-1		TRUCK DATA CENTER SILL - 2 AIR 2" SECT. 1132" THICK CENTER SILL AREA - 73.4" SQ. IN. CENTER SILL COVER PLATE COUPLER - AIR TYPE E' BOT. OPER. & COUPLER RELEASE RIGGING - STAIRY, EOPIC, BOT. OPER. & DOOR - .05" STEEL 7-PANEL COR-TEN DOOR FIXTURES - CRECO DOOR CLEAR OPENING - 6'0" WIDE, 9'4 1/8" HIGH DRAFT GEAR - PEERLESS H-1 DRAFT GEAR ATTACHMENT - O.H.S. YAKE ENDS - CARBUILDER'S - CORTEN ST. 3/16" BOTT. 1/8" TOP END LOAD RATIO - .057 FLOORING - 13/16" YELLOW PINE GENERAL DRAWING OF CAR NO. 139-11-512 HAND BRAKE - EQUIPPED - VERT. WHEEL LINING END - 23/32" FIR LINING SIDE - 23/32" FIR ROOF - .05" STEEL - CORTEN SEE NOTE:-1		REVISIONS <table border="1"> <tr> <td>DR</td> <td>TR</td> <td>CH</td> <td>GROUP No.</td> <td>SHEET No.</td> </tr> <tr> <td>10</td> <td>27</td> <td>2</td> <td>13-30</td> <td></td> </tr> <tr> <td>41</td> <td>46</td> <td>20</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td>11</td> </tr> </table>		DR	TR	CH	GROUP No.	SHEET No.	10	27	2	13-30		41	46	20			5				11
DR	TR	CH	GROUP No.	SHEET No.																					
10	27	2	13-30																						
41	46	20																							
5				11																					

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



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

20350 TO 20499	CARD-WEST
20200 TO 20349	MINER
	A-22-XB
	DRAFT GEAR

GENERAL DATA		MISCELLANEOUS	
BUILT BY - AC & F. CO. MADISON ILL.	CENTER SILL - A.R.R. 2-26 SEC. O.H.S.	SHEATHING - .05 CQ. TEN STEEL	NOTES - 1 SPRINGS - A.R.R. CLASS D-2
YEAR BUILT - FEB TO APRIL 1941	CENTER SILL AREA - 21.3 SQ. IN.	SUPERSTRUCTURE - STEEL COR-TEN	1936 DESIGN, 4-OUTER COILS,
CAPACITY LEVEL FULL CU. FT. - 3724	COUPLER - A.R.R. TYPE "E" 6 1/4" X 8"	UNDERFRAME - O.H.S. & CORTEN STEEL	2-INNER COILS AND 1-CARD. WESTINGHOUSE
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER RELEASE HIGGING - STD. EX. COPT. CO. BOTT. PLATE		SNUBBER PER NEST.
AVERAGE LOAD LIMIT LBS. - 134600	DOOR - CAR BUILDER'S DESIGN, HIGH TENSILE STEEL	TRUCK DATA	
AVERAGE LIGHT WEIGHT - LBS. - 42400	DOOR FIXTURES - QRESCO	BOLSTER - C.S. DOUBLE TRUSS	
BUILDERS REFERENCE - LOT-2080	DOOR CLEAR OPENING - 6'-0" W X 9'-6 3/4" H.	BRAKE BEAM - A.R.R. NO. 15	
R. R. SPEC. NO.	DRAFT GEAR - SEE TABLE	BRAKE BEAM SAFETY - QRESCO-ECONOMY	
	DRAFT GEAR ATTACHMENT - C.S. YOKE	CENTER PLATE - CAST INTEGRAL	
	ENDS - STEEL CAR BUILDER'S DESIGN COR-TEN	GENERAL DRAWING OF TRUCK NO.	
	END LOAD RATIO - .0509	JOURNAL - 5 1/2" X 10"	
	FLOORING - 1 3/4" T & G	SIDE BEARING - STUCKI ROLLER TYPE	
	GENERAL DRAWING OF CAR - NO. 139-11-406	SIDE FRAME - C.S. DOUBLE TRUSS INTEGRAL BOX	
	HAND BRAKE - SEE TABLE	SPRING - SEE NOTE - 1	
	LINING END - 25/32" X 5 3/16" T & G FIR	WHEELS - 33" DIA. 750 # CHILLED TREAD	
	LINING SIDE - 25/32" X 5 3/16" T & G FIR	WEIGHT OF ONE TRUCK - 7900	
	ROOF - 17 GA. CAR BUILDER'S DESIGN .05 COR-TEN STEEL	CENTER PLATE HEIGHT - 2'-1 3/4"	

20200-20499

CLASS CARS

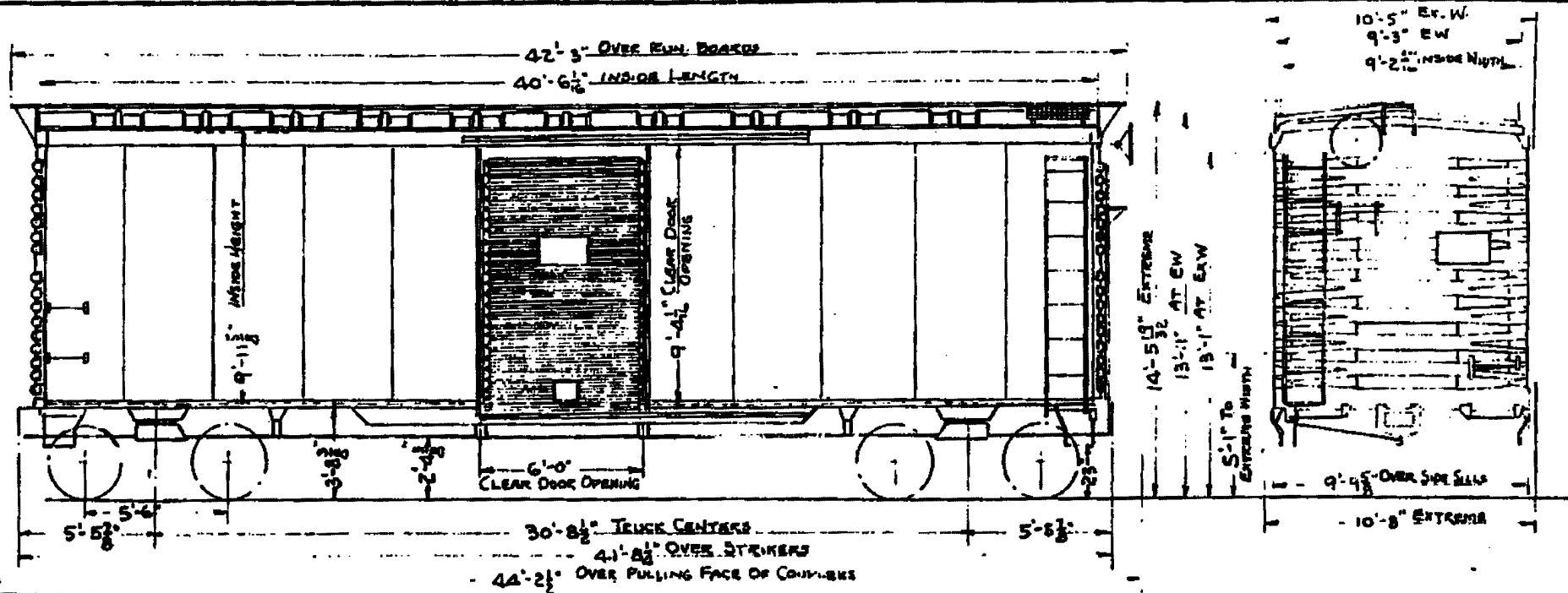
50 TON LGT. WGT. BOX

N.K.P.

ADVISORY MECHANICAL COMMITTEE
CLEVELAND, OHIO APRIL 10, 1941

REVISIONS

DR	TR	CH	GROUP NO.	SHEET NO.
58	58	OK	5	12



PROGRAM REPAIRED FOR
AND LEASED FROM A.A. MORRISON;
REPAIRED FROM SERIES 16000-17399
IN 1964

16500-17399	GEN. A. TRAIN. G	1942
16250-16499	ACF	1941
16000-16249		
CARS	BUILT BY	YR. BUILT

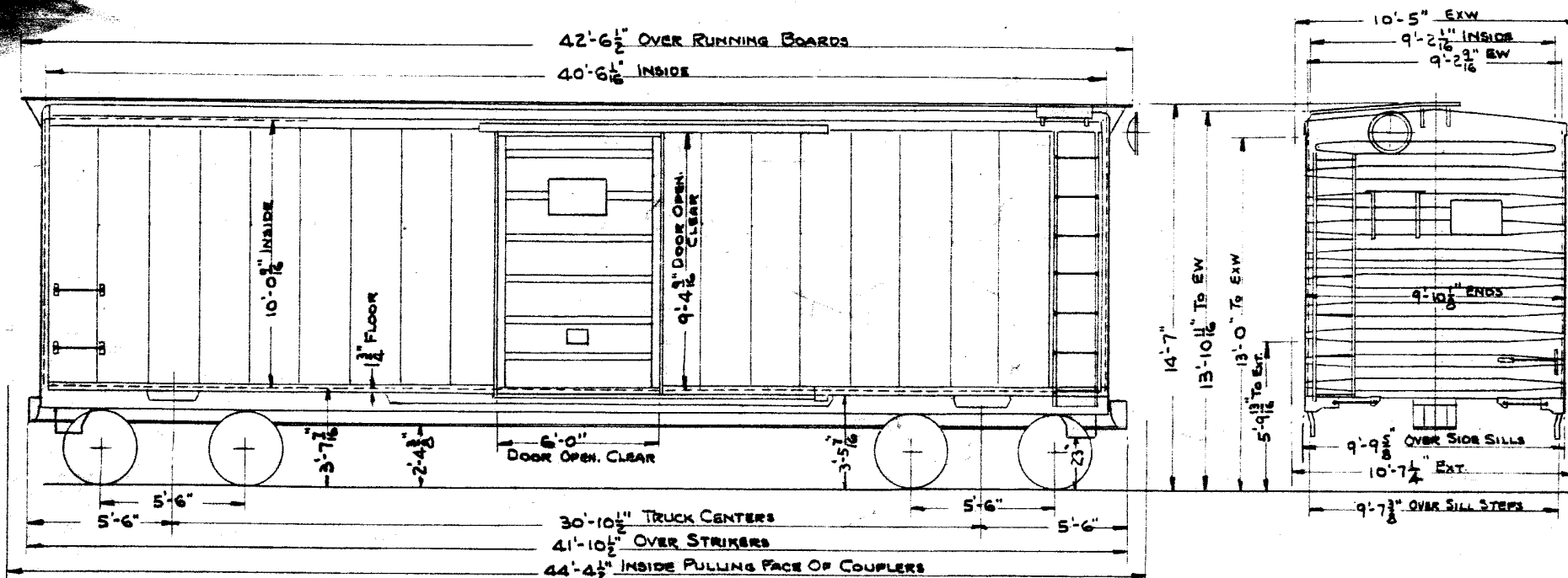
GENERAL DATA
 See Table
 See Table
 3700
 131200
 45800
CAN. MFG. DATA
 NTAS & WAB
 AB 10" x 12"
 BUILT UP STEEL
 DROP FORWARD
 HARDENED STEEL
 1/2" C. B. PRESID. STL. STRAIN CAPS

2-AAR 2" SEC. 8 C. B. STEEL PER FT.
 21.3 lbs. W.
 AAR TYPE "E" 6 1/4" x 8" SHANK BOT. OPER.
 STD. RY. EQUIP. Co. BOT. OPER.
 YOUNGSTOWN CORE STEEL
 CAMEL
 6'-0" x 9'-2 1/2"
 RECONDITIONED
 C. B. YOUNG
 DEADWEIGHT STL. 1/4" C.B. BOT. 3/16" C.B. TOP
 0.0509
 2 3/8" T. & G.
 139-11-352
 A J A E
 2 1/2" x 5 1/2" T. & G.
 2 1/2" x 5 1/2" T. & G.
 MURPHY IMPROVED SLOW STEEL. USS-1564.

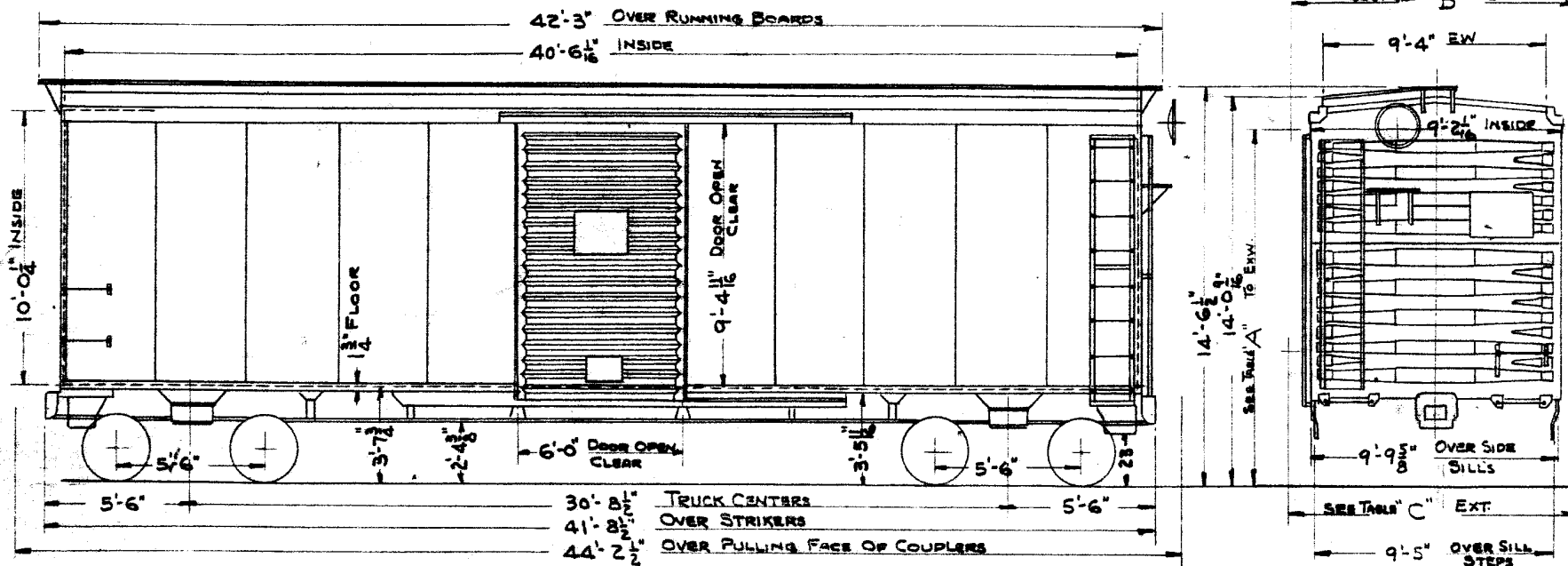
4'-2"
 10" C. B. STEEL
 STEEL
 STEEL
TRUCK DATA
 C. S. DOUBLE TRUSS
 AAR N118
 CREST 3 POINT
 CAST INTEGRAL
 5 1/2" x 10"
 POCKET & SHOE
 C. S. DOUBLE TRUSS - INTEGRAL BOX
 5 AAR 1 1/2" OUTER; 1 SNUDDER PER NEST
 33" C. I. 7509 OR 33" 1WWS
 2'-1 3/4"

MICHELL & NEIDUS

18000-18999	
CLASS	CLASS
50 TON BOX	
NKP	
SEPT. 23 1964	
SEP	13



GENERAL DATA		MISCELLANEOUS	
BUILT BY	PULL. STD. CAR MFGS. MICH. CITY IND.	WLE 26000-26199	20500-20699
YEAR BUILT	FEB. 1940	CLASS	CARS
CAPACITY LEVEL FULL—CU. FT.	3733	50-TON LGT. WT. BOX	
CAPACITY WITH 10 IN. HEAP CU. FT.			
AVERAGE LOAD LIMIT—LBS.	138100	N.K.P.	
AVERAGE LIGHT WEIGHT—LBS.	38900		
BUILDERS REFERENCE	5604-C	MECHANICAL DEPARTMENT CLEVELAND, OHIO DEC. 7 1950	
R. R. SPEC. NO.			
CAR BODY DATA		REVISIONS	
AIR BRAKE MFG.	W.A.B. Co.	3-20	
AIR BRAKE SCHEDULE	"A, B"	53	
BODY BOLSTER	BUILT UP COR-TEN STEEL	DR	TR
BODY CENTER PLATE	DROP FORGED	CH	GROUP NO.
BODY SIDE BEARING	STEEL WEDGE	SS.	5
CARLINES	INTEGRAL WITH ROOF SHEETS .05" CORTV		SHEET NO.
			13
CENTER SILL	31 3/4" A.A.R. LEE SECTION .043.	SIDE BEARING CENTERS	4'-2"
CENTER SILL AREA	18.4 SQ. IN.	SHEATHING	COR-TEN STEEL
CENTER SILL COVER PLATE		SUPERSTRUCTURE	COR-TEN & O.H. STEEL
COUPLER	A.A.R. TYPE "E" 6 1/2" X 8" SHANK	UNDERFRAME	COR-TEN & O.H. STEEL
COUPLER RELEASE RIGGING	S.R.E. Co. "IMPERIAL"	TRUCK DATA	
DOOR	SUPERIOR COR-TEN STEEL .05"	BOLSTER	NAT. TYPE "B" C.S.
DOOR FIXTURES	CRACO	BRAKE BEAM	CRACO NO. 15
DOOR CLEAR OPENING	6'-0" X 9'-4 1/16"	BRAKE BEAM SAFETY	3" X 2 1/2" X 1/4" ANGLE
DRAFT GEAR	CARD. WEST. NY. 11-E	CENTER PLATE	CAST INTEGRAL
DRAFT GEAR ATTACHMENT	HIGH TEN. C.S. YOKE	GENERAL DRAWING OF TRUCK NO.	
ENDS	CAR BUILDERS-CORR. COR-TEN 3/16" DIA	JOURNAL	5 1/2" X 10"
END LOAD RATIO	.0568	SIDE BEARING	POCKET & SHOE
FLOORING	1 3/4" T. & G.	SIDE FRAME	NAT. TYPE "B" SPRING PLANKLESS-INT. BOX
GENERAL DRAWING OF CAR-NO.	137-11-512	SPRING	FOUR A.A.R. CLASS "E" DOUB. COIL PER NEST
HAND BRAKE	EQUIPCO	WHEELS	33" C.I.
LINING END	2 3/4" T. & G.	WEIGHT OF ONE TRUCK	
LINING SIDE	2 3/4" T. & G.		
ROOF	COR-TEN STEEL .05" THICK. CAR BUILDERS		

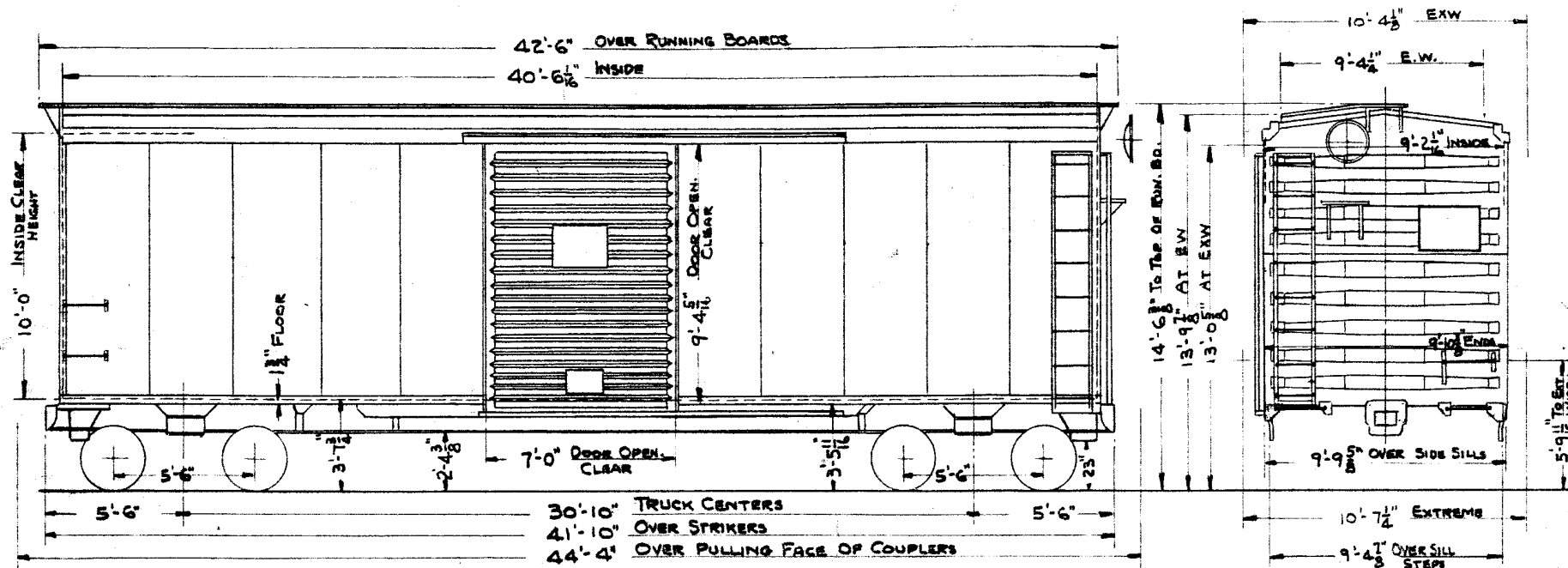


NOTE 1: CARS 23000-23249 HAVE YOUNGSTOWN DOORS WITH CAMEL FIXTURES, CARS 23250-23499 HAVE SUPERIOR DOORS AND SUPERIOR FIXTURES
 NOTE 2: CARS 23000-23249 HAVE WESTINGHOUSE NY-11-F DRAFT GEARS, CARS 23250-23499 HAVE PEELESS H-1-B DRAFT GEARS.
 NOTE 3: THREE A.A.R. D-2 DOUBLE COILS AND ONE CARD.-WESTHIE-TYPE "A" FRICTION SPRING PER NEST.

CAR 23236 HAS FULL INSTALLATION OF GREAT LAKES AVAILABLE STEEL FLOOR, APPLIED DEC. 1947.

SERIES	A	B	C	D
23000-23249	13'-0 1/8"	10'-4 1/8"	10'-7 1/4"	5'-0 1/2"
23250-23499	13'-0 1/4"	10'-4 5/8"	10'-7 1/2"	5'-7"

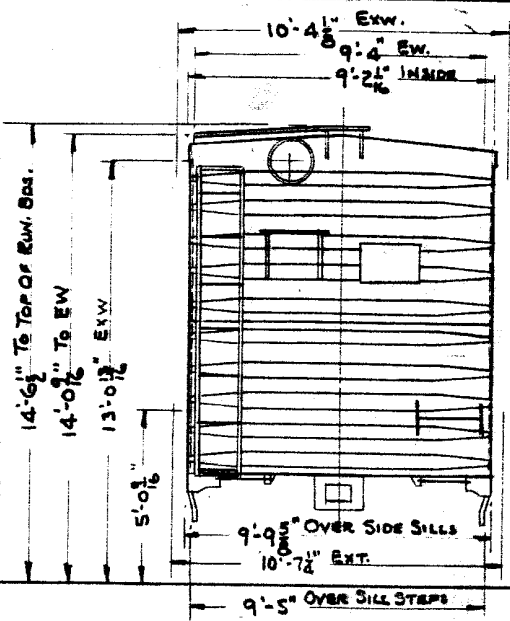
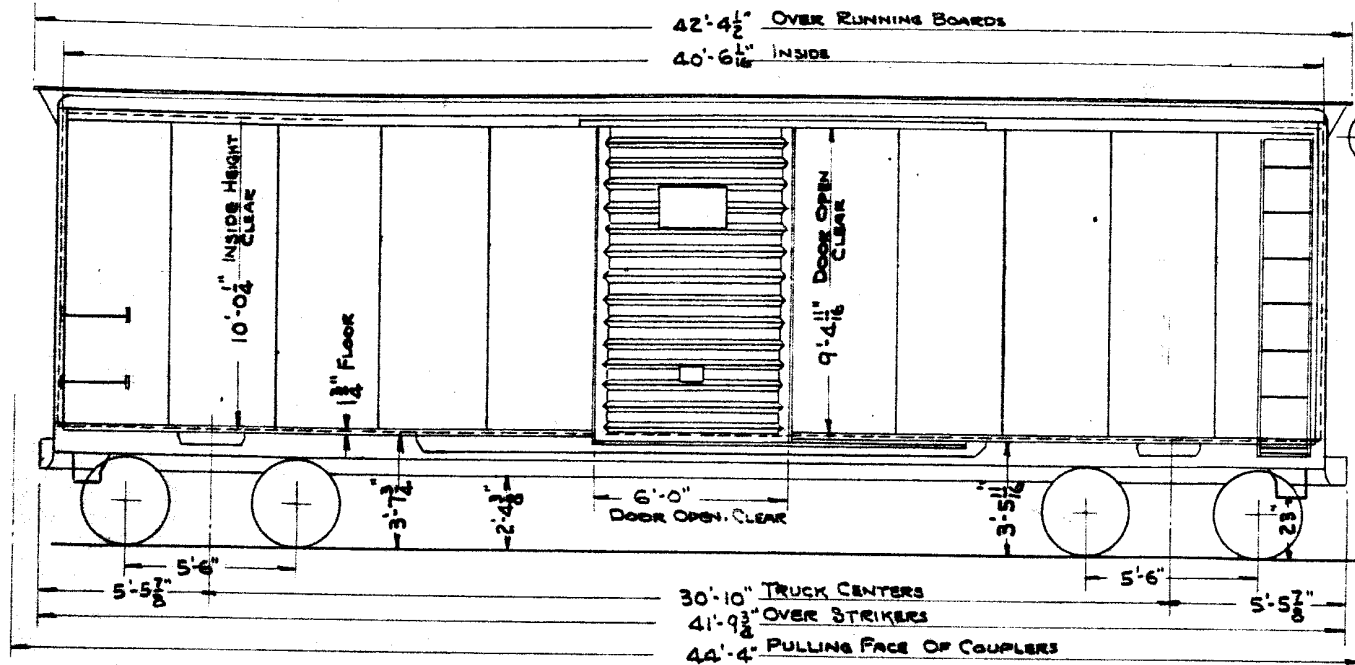
GENERAL DATA		A.A.R. ZEE SECTION @ 36.21"		MISCELLANEOUS	
BUILT BY	RALSTON STEEL CAR Co. Col. O.	CENTER SILL	21.3 Sq. IN.	SIDE BEARING CENTERS	4'-2"
YEAR BUILT	SEPT 1944 TO JAN 1945	CENTER SILL COVER PLATE		SHEATHING	.10" C.B.S.
CAPACITY LEVEL FULL—CU. FT.	3722	COUPLER	A.A.R. TYPE "E" 6 1/2" x 8" SHANK	SUPERSTRUCTURE	STEEL
CAPACITY WITH 18 IN. HEAP CU. FT.		COUPLER RELEASE RIGGING	S.R.E.Co. BOTTOM OPER.	UNDERFRAME	STEEL
AVERAGE LOAD LIMIT—LBS.	131,800	DOOR	SEE NOTE 1	TRUCK DATA	
AVERAGE LIGHT WEIGHT—LBS.	45200	DOOR FIXTURES	SEE NOTE 1	BOLSTER	C.S. A.S.F. BASIC
BUILDERS REFERENCE		DOOR CLEAR OPENING	6'-0" x 9'-4 1/8"	BRAKE BEAM	A.A.R. NO. 3
R. R. SPEC. NO.	C-148-B	DRAFT GEAR	SEE NOTE 2	BRAKE BEAM SAFETY	3" x 2 1/2" x 1/4" ANGLE
		DRAFT GEAR ATTACHMENT	C.S. YOKE	CENTER PLATE	CAST INTEGRAL
		ENDS	DREADNAUGHT C.B.S. 3/8" Top 1/4" Bott.	GENERAL DRAWING OF TRUCK NO.	
		END LOAD RATIO	.0509	JOURNAL	5 1/2" x 10"
		FLOORING	1 1/2" T.A.G.	SIDE BEARING	STUCKI ROLLER TYPE
		GENERAL DRAWING OF CAR—NO.	WLE-5494	SIDE FRAME	C.S. A.S.F. BASIC INTEGRAL BOX
		HAND BRAKE	AJAX	SPRING	SEE NOTE 3
		LINING END	25/32" T.A.G.	WHEELS	33" DIA. CAST IRON
		LINING SIDE	25/32" T.A.G.	WEIGHT OF ONE TRUCK	
		ROOF	A.A.R. RIVETER DESIGN		
CAR BODY DATA				TZ METAL BRAKE STEP	
AIR BRAKE MFG.	W.A.B. Co.				
AIR BRAKE SCHEDULE	AB				
BODY BOLSTER	BUILT UP STEEL				
BODY CENTER PLATE	DROP FORGED				
BODY SIDE BEARING	DROP FORGED & HARDENED				
CARLINES	5/32" O.H.S. PRESSING				
				WLE 23000-23499	
				23000-23499	
				CLASS CARS	
				50-TON-BOX	
				N.K.P.	
				MECHANICAL DEPARTMENT	
				CLEVELAND, OHIO DEC. 11 1959	
				REVISIONS	
				7-29 60	
DR	TR	CH	GROUP NO.	SHEET	
013	013	SS	5	14	



NOTE 1:-
 CARS 23531, 23542, 23585, 23719
 ARE EQUIPPED WITH BRANDON
 LOAD RESTRAINERS.

NOTE 2:-
 SIX 30" DIA. ROOF HATCHES, DRG.
 111-3-726 APPLIED TO CARS 23517,
 23640, 23671, 23704.

GENERAL DATA		CENTER SILL A.A.R. 268 SECTION @ 36.21 2/PT.	SIDE BEARING CENTERS 4'-2"	MISCELLANEOUS	WLE 23500-23749 23500-23749
BUILT BY AMER. CAR & FDY. ST. LOUIS MO.	CENTER SILL AREA 21.5 SQ. IN.	CENTER SILL COVER PLATE	SHEATHING .10" C.B.S.	APEX "TRI-LAK" RUN BOG. AND BRAKE STEP	CLASS CARS
YEAR BUILT 1948	COUPLER A.A.R. TYPE "E" 6 1/2" x 8" SHANK	COUPLER RELEASE RIGGING S.R.E. CO. BOTTOM OPLR.	SUPERSTRUCTURE STEEL		50 TON BOX
CAPACITY LEVEL FULL—CU. FT. 3713	DOOR YOUNGSTOWN CORR. STL.	DOOR FIXTURES CAMEL	UNDERFRAME STEEL		N. K. P.
CAPACITY WITH 10 IN. HEAP CU. FT.	DOOR CLEAR OPENING 7'-0" x 9'-4 5/8" CLEAR OPENING	DOOR CLEAR OPENING T-0" x 9'-4 5/8" CLEAR OPENING	BOLSTER A.S.F. A-3 RIDE CONTROL		MECHANICAL DEPARTMENT
AVERAGE LOAD LIMIT—LBS. 131,400	DRAFT GEAR MINER A-22 XB	DRAFT GEAR ATTACHMENT C.S. YOKE	BRAKE BEAM A.A.R. MS 3		CLEVELAND, OHIO DEC. 8 1950
AVERAGE LIGHT WEIGHT—LBS. 45,600	ENDS CAR BUILDERS CORR. 3/16 TOP 1/4 BOTT.	ENDS CAR BUILDERS CORR. 3/16 TOP 1/4 BOTT.	BRAKE BEAM SAFETY SAFETY LEDGES ON SIDE FRAME		REVISIONS
BUILDERS REFERENCE	END LOAD RATIO .0509	FLOORING 1 1/2" T.B.G.	CENTER PLATE CAST INTEGRAL		9-30-51 59 62
R. R. SPEC. NO. C-154-A	GENERAL DRAWING OF CAR—NO. WLE-5891	GENERAL DRAWING OF CAR—NO. WLE-5891	GENERAL DRAWING OF TRUCK NO.		DR TR CH GROUP NO. SHEET NO.
CAR BODY DATA	HAND BRAKE AJAX	HAND BRAKE AJAX	JOURNAL 5 1/2" x 10"		0 1/2 0 1/2 SS 5 15
AIR BRAKE MFG. W.A.B. Co.	LINING END 25 1/2" T.B.G.	LINING END 25 1/2" T.B.G.	SIDE BEARING STUCKI - ROLLER TYPE		
AIR BRAKE SCHEDULE AB	LINING SIDE 25 3/8" T.B.G.	LINING SIDE 25 3/8" T.B.G.	SIDE FRAME A.S.F. A-3 RIDE CONTROL INT. BOX		
BODY BOLSTER BUILT UP STEEL	ROOF A.A.R. RIGID RIVETED ACF DESIGN	ROOF A.A.R. RIGID RIVETED ACF DESIGN	SPRING RIDE CONTROL COIL - 3 13/16 TRAVEL		
BODY CENTER PLATE DROP FORGED			WHEELS 33" C.I. SINGLE PLATE		
BODY SIDE BEARING CARBON STEEL DROP FORGED			WEIGHT OF ONE TRUCK		
CARLINES 5/32 O.H.S. PRESSING					

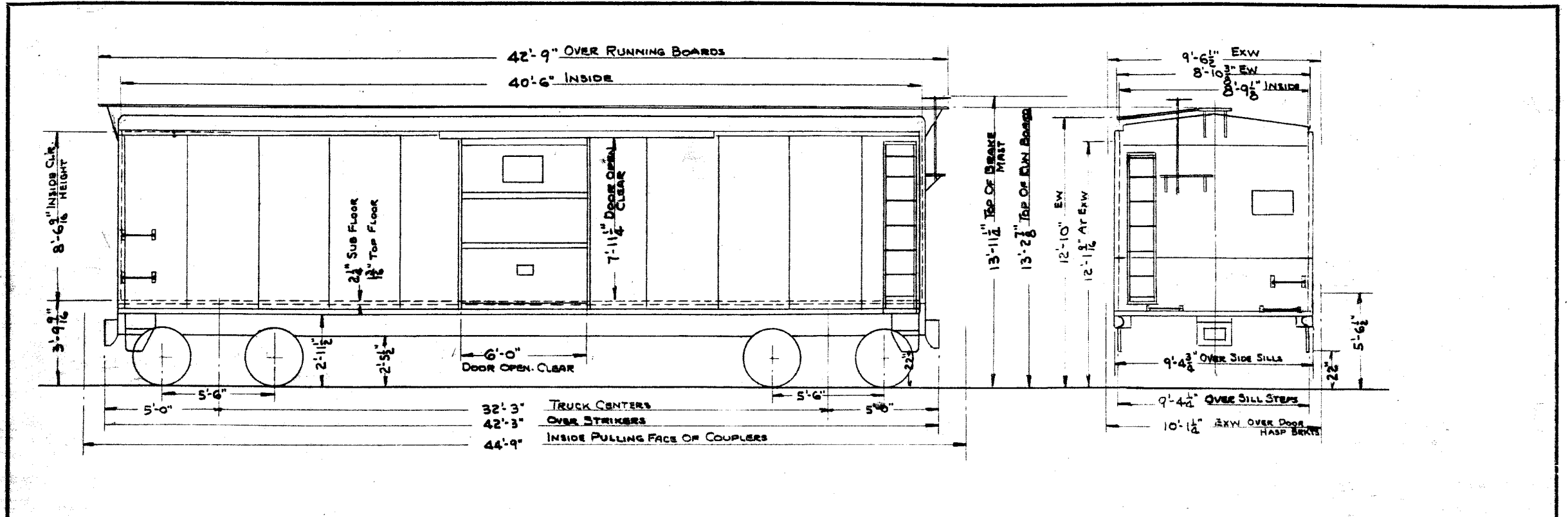


NOTE 1: CARS 24000-24199 BUILT BY A.C.F. ST. LOUIS MO. CARS 24200-24501 BUILT BY PULL. STD. CAR & MFG. CO. MICHIGAN CITY.

NOTE 2: CARS EQUIPPED WITH:-
 24000-24199 - CO. WEST NY-11-E.
 24200-24299 - WAUGH NR 403.
 24300-24399 - MINEX A-22-XB.
 24400-24501 - PEERLESS H-1.

NOTE 3: CARS 24000-24199 AND 24300-24501 HAVE NATIONAL TYPE "B" TRUCKS WITH ONE CO. WEST P-8-1 FRICTION SPRING AND THREE A.A.R. CLASS "E" SPRINGS PER NEST. CARS 24200-24299 HAVE A.S.F. DOUBLE TRUSS SPRINGPLANKLESS TRUCKS WITH ONE SIMPLEX FRICTION SPRING AND THREE A.A.R. CLASS 1915 "D" SPRINGS PER NEST, "E" AND "C" SPRINGS ARE DOUBLE COILS.

GENERAL DATA		TRUCK DATA		WLE 24000-24501	
BUILT BY	SEE NOTE 1	CARS	24221, 24235, 24236, 24237, 24275	CLASS	24000-24501
YEAR BUILT	JAN. - MAR. 1941	24364, 24373, 24381, 24445, 24467	HAVE A.S.F.	CARS	
CAPACITY LEVEL FULL - CU. FT.	3722	A-3 RIDE CONTROL TRUCKS WITH 2 1/2" SPRING TRAVEL, APPLIED FEB. 1944.		50 TON BOX	
CAPACITY WITH 10 IN. HEAP CU. FT.				N.K.P.	
AVERAGE LOAD LIMIT - LBS.	135320			MECHANICAL DEPARTMENT	
AVERAGE LIGHT WEIGHT - LBS.	43680			CLEVELAND, OHIO	
BUILDERS REFERENCE				DEC. 17, 1950	
R. R. SPEC. NO.	C-147 AND C-147-A			REVISIONS	
CAR BODY DATA				2-20	
AIR BRAKE MFG.	W.A.B. Co			53	
AIR BRAKE SCHEDULE	"AB"			DR	TR
BODY BOLSTER	BUILT UP STEEL			CH	GROUP NO.
BODY CENTER PLATE	DROP FORGED			SS	5
BODY SIDE BEARING	STEEL WIDEN - HARDENED				16
CAR LINES	5/32" PRESSD. CHS.				
CENTER SILL	A.A.R. 288 SEC. @ 36.24/FT.				
CENTER SILL AREA	21.3 SQ. IN.				
CENTER SILL COVER PLATE					
COUPLER	A.A.R. TYPE "E" 6 1/2" X 8" SHANK				
COUPLER RELEASE RIGGING	S. R. E. Co. BOTT. OPER.				
DOOR	YOUNGSTOWN				
DOOR FIXTURES	CAMEL				
DOOR CLEAR OPENING	6'-0" X 9'-4 1/2"				
DRAFT GEAR	SEE NOTE 2				
DRAFT GEAR ATTACHMENT	C. S. YORK				
ENDS	CAR BUILDERS CORR. STL. 1/2" BOTT. 1/4" TOP				
END LOAD RATIO	.0509				
FLOORING	1 3/4" T. & G.				
GENERAL DRAWING OF CAR - NO.	WLE 5290				
HAND BRAKE	EQUIPCO				
LINING END	35/32" T. & G.				
LINING SIDE	35/32" T. & G.				
ROOF	A.A.R. RIGID RIVETED CAR BUILDER				
SIDE BEARING CENTERS	4'-2"				
SHEATHING	.10" C. B. S.				
SUPERSTRUCTURE	O.H. STEEL				
UNDERFRAME	O.H. STEEL				
TRUCK DATA					
BOLSTER	C. S. SEE NOTE 3				
BRAKE BEAM	A.A.R. NR 15				
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	STUCKI ROLLER				
SIDE FRAME	C. S. INTEGRAL BOX - SEE NOTE 3				
SPRING	SEE NOTE 3				
WHEELS	ONE WEAR WEST STEEL				
WEIGHT OF ONE TRUCK	7200 #				



GENERAL DATA		MISCELLANEOUS	
BUILT BY	STANDARD STEEL CAR CO. - BUTLER PA.	CENTER SILL TWO AAR 12" J" SEC. @ 40.3 LBS. PER FT.	4'-2"
YEAR BUILT	JAN. TO MAR. 1925	CENTER SILL AREA	28.44 SQ. IN.
CAPACITY LEVEL FULL - CU. FT.	3056	CENTER SILL COVER PLATE	1/4" X 20"
CAPACITY WITH 10 IN. HEAP CU. FT.		COUPLER	AAR TYPE "D" TOP LIFT 6" X 8" SHANK
AVERAGE LOAD LIMIT - LBS.	131100	COUPLER RELEASE RIGGING	CARMER
AVERAGE LIGHT WEIGHT - LBS.	45900	DOOR	CAR BUILDERS - C.H. STEEL
BUILDERS REFERENCE		DOOR FIXTURES	CAMLS
R. N. SPEC. NO.		DOOR CLEAR OPENING	6'-0" X 7'-11 1/4"
CAR BODY DATA		DRAFT GEAR	MINER A-10-B
AIR BRAKE MFG.	W. A. B. Co.	DRAFT GEAR ATTACHMENT	FRICTION TWO KEY
AIR BRAKE SCHEDULE	"AB"	ENDS	CAR BUILDERS - FLAT - 3/16" TOP, 1/4" BOTT.
BODY BOLSTER	BUILT UP STEEL	END LOAD RATIO	.0424
BODY CENTER PLATE	DROP FORGED	FLOORING	2 1/4" T.B.G. WITH 1 1/2" T.B.G. TOP LONGITUDINAL
BODY SIDE BEARING	DROP FORGED	GENERAL DRAWING OF CAR - NO.	WLE 5186
CARLINES	11" PREFAB STEEL	HAND BRAKE	BRAKE MART WITH HORTZ. WHEEL
		LINING END	1 1/2" T.B.G.
		LINING SIDE	1 1/4" T.B.G.
		ROOF	CAR BUILDERS - .09" ALL STEEL
		SIDE BEARING CENTERS	4'-2"
		SHEATHING	11" O.H. STEEL
		SUPERSTRUCTURE	O.H. STEEL
		UNDERFRAME	O.H. STEEL
		TRUCK DATA	
		BOLSTER	PRESSED STEEL - BUILT UP
		BRAKE BEAM	AAR NO. 21
		BRAKE BEAM SAFETY	3" X 2 1/2" X 1/4" ANGLE
		CENTER PLATE	DROP FORGED - RIVETED TO BOLSTER
		GENERAL DRAWING OF TRUCK NO.	WLE 4596
		JOURNAL	5 1/2" X 10"
		SIDE BEARING	FRICTION BLOCK
		SIDE FRAME	C.S. INTEGRAL BOX
		SPRING	FOUR A.A.R. 1915 CLASS "D" DOUB. COIL PER NEST
		WHEELS	33" CAST IRON
		WEIGHT OF ONE TRUCK	7500*
		CENTER PLATE HEIGHT	2'-2 3/4"
WLE 25000-25999		25000-25999	
CLASS		CARS	
50-TON BOX			
N.K.P.			
MECHANICAL DEPARTMENT			
CLEVELAND, OHIO		DEC. 18 1925	
REVISIONS			
DR	TR	CH	GROUP NO.
0H3	0H3	J.S.	5
			SHEET NO.
			17

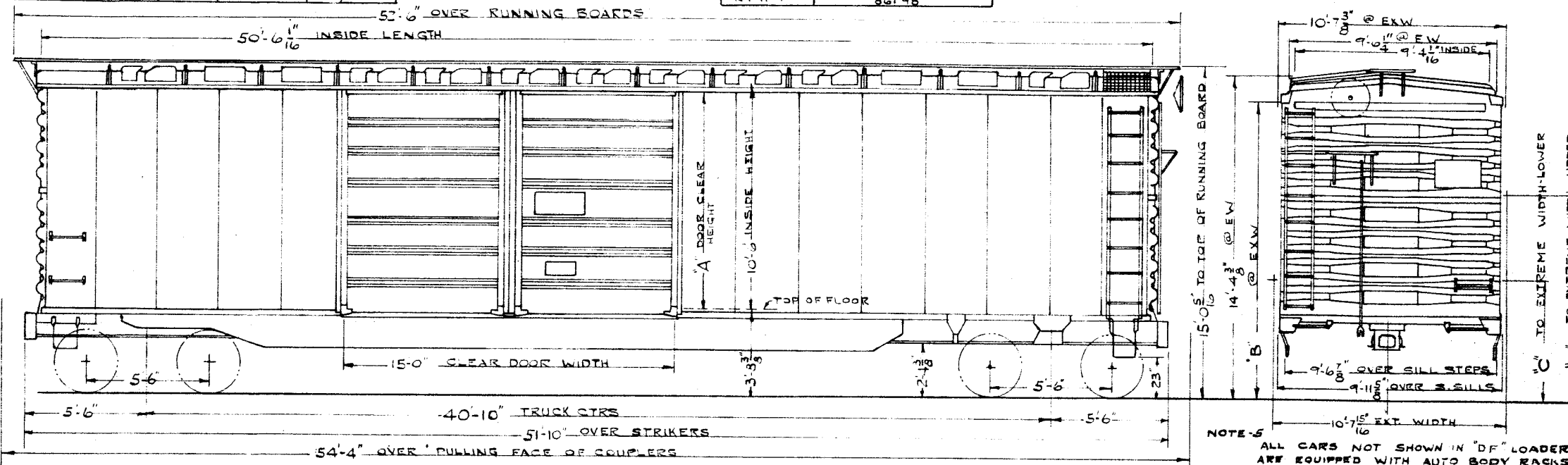
CARS WITH EVANS "DF" LOADERS

NO.	SERIES	APPLIED	TYPE	LT. WT.	LD. LT.
15	86185-86199	1950	8 BELT	64,400	112,600
1	86084	1953	13 BELT	66,400	112,600
8	86076-86083	1954	19 BELT	66,700	110,300
43	86000-86075	1954	9 BELT	64,500	110,500
2	86003, 86050	1954	13 BELT	64,100	112,900

BRAKE ADJUSTER	CARS
UNIVERSAL	86000-86133, 86140-86149, 86184-86188, 86194, 86197, 86199
AJAX MECH. TYPE 3	86134-86139, 86150-86185, 86189-86195, 86198

DRAFT GEAR	CARS
W. MINER A-22-XL	86000-86079
WAUGH EQUIP. 420	86080-86133, 86184-86188, 86196, 86197, 86199
CARD. WEST. NY-11-F	86134-86185, 86189-86195, 86198

AIR BRAKE MFG.	DOORS	DOOR FIX	"D"	"C"	HT. @ "B" EXW	DOOR CL. HGT. "A"	CARS
W.A.B. CO.	YOUNGSTOWN	CAMEL	9'-4 ³ / ₈ "	5'-11 ¹ / ₂ "	13'-6 ¹³ / ₁₆ "	9'-9 ¹ / ₄ "	86000-86099
N.Y.A.B. CO.	SUPERIOR	SUPERIOR	9'-1 ⁵ / ₈ "	6'-0 ³ / ₈ "	13'-7 ²³ / ₃₂ "	9'-10 ¹ / ₁₆ "	86100-86199



NOTE 5: ALL CARS NOT SHOWN IN "DF" LOADER TABLE ARE EQUIPPED WITH AUTO BODY RACKS. AVERAGE LT. WT. - 58,500[#] AVERAGE LD. LT. - 110,500[#]

GENERAL DATA
 BUILT BY - AMER. CAR & FDY. - CHICAGO, ILL.
 YEAR BUILT - 1949
 CAPACITY LEVEL FULL - CU. FT. - 4,952
 CAPACITY WITH 10 IN. HEAP CU. FT.
 AVERAGE LOAD LIMIT - LBS. - 43,624 SEE TABLE
 AVERAGE LIGHT WEIGHT - LBS. - 53,376 & NOTE 5
 BUILDERS REFERENCE - LOT FC-3428
 R. R. SPEC. NO. - 12 CB - MODIFIED

CAR BODY DATA
 AIR BRAKE MFG. SEE TABLE
 AIR BRAKE SCHEDULE - "A B" - 1012
 BODY BOLSTER - BUILT UP STEEL
 BODY CENTER PLATE - DROP FORGED
 BODY SIDE BEARING - HARDENED STEEL
 CARLINES - 1/2" PRESSED STEEL SEAM CAPS

CENTER SILL 2" A.A.R. 2" X 2" SEC. @ 36.2 #PER FT.
 CENTER SILL AREA - 21.3 SQ. IN.
 CENTER SILL COVER PLATE
 COUPLER A.A.R. 6" X 4" TYPE "E" ROTARY BOT. OPER.
 COUPLER RELEASE RIGGING ROTARY BOT. OP. STD. RY. EQ. CO
 DOOR SEE TABLE
 DOOR FIXTURES SEE TABLE
 DOOR CLEAR OPENING SEE TABLE
 DRAFT GEAR SEE TABLE
 DRAFT GEAR ATTACHMENT CAST STEEL YOKE
 ENDS IMPROVED DREADNAUGHT 1/4" BOT. 3/16" TOP
 END LOAD RATIO - .0509
 FLOORING 2 3/8" WOOD T.&G.
 GENERAL DRAWING OF CAR - NO. 137-11-520
 HAND BRAKE AJAX
 LINING END 2532 X 53 1/2 T.&G.
 LINING SIDE 2532 X 53 1/2 T.&G.
 ROOF - DIA. G. PANEL 14 GA. GALV. STEEL - S.R.E.M. CO.

SIDE BEARING CENTERS 2'-1"
 SHEATHING 10" STEEL
 SUBSTRUCTURE STEEL
 UNDERFRAME STEEL
 RUNNING BOARD & BRAKE STEP - APEX TRI-LOK TRUCK DATA (SEE NOTE 2)
 BOLSTER CAST STEEL - A3 RIDE CONTROL
 BRAKE BEAM A.A.R. #3 POSITIVE TYPE
 BRAKE BEAM SAFETY DREXEL
 CENTER PLATE CAST INTEGRAL
 GENERAL DRAWING OF TRUCK NO. 5 1/2" X 10"
 JOURNAL
 SIDE BEARING STUCKI - ROLLER TYPE
 SIDE FRAME CAST STEEL - A3 RIDE CONTROL
 SPRING SEE NOTE
 WHEELS 33" DIA. ONE WEAR WROT STEEL
 WEIGHT OF ONE TRUCK 7280 LBS.
 CTR. PLT. HGT. 2'-1 3/4"

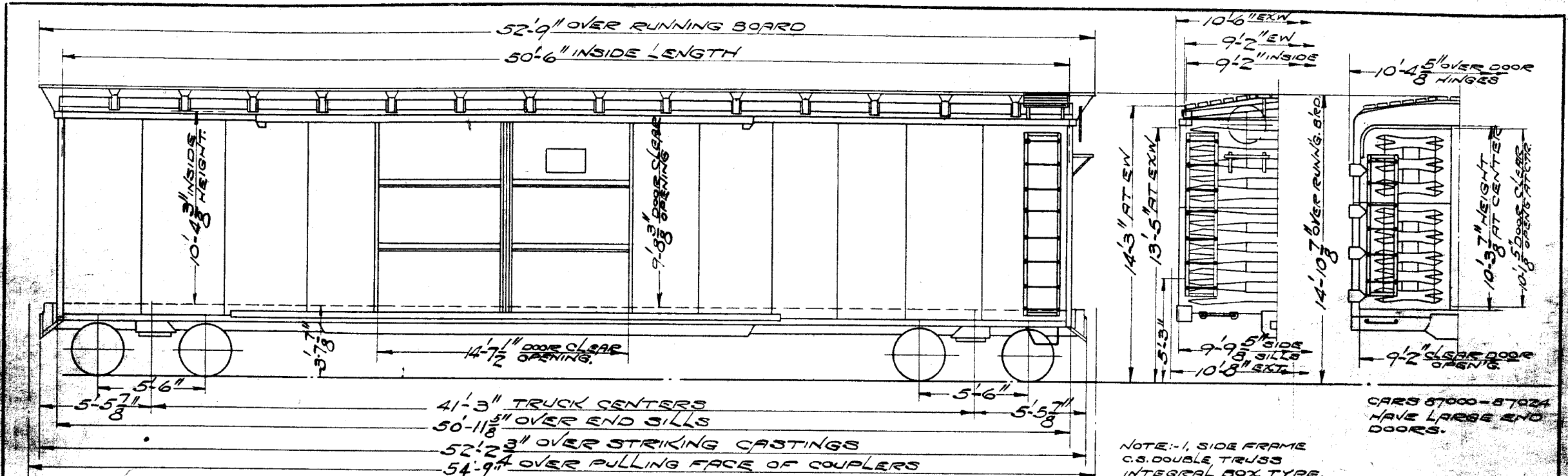
NOTE 1: - MISCELLANEOUS
 CARS ARE EQUIPPED WITH A-3 RIDE CONTROL TRUCKS. ONE NEST OF SPRINGS HAS 5 DOUBLE COIL SPRINGS AT 3/16 TRAVEL & 2 DOUBLE COIL RIDE CONTROL SPRINGS.

NOTE 2: - CAR 86184 IS EQUIPPED WITH "BUCKENE CUSHION RIDE TRUCKS" APPLIED AT CONNEAUT JAN. 31, 1950.

NOTE 3: - CARS 86085-86184 ARE EQUIPPED WITH RACKS FOR FISHER AUTO BODIES.

NOTE 4: - CARS THAT ARE EQUIPPED WITH EVANS "DF" LOADERS, 7'-0" CLEAR DOOR WIDTH. SEE TABLE

CLASS		86000-86199	
CAR		50 TON BOX	
NKP			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO FEB. 1, 1950			
REVISIONS			
6-9-55	7-20-56		
DR	TR	CH	
E _f	E _c	ll.	
GROUP NO.		5	
SHEET NO.		18	



87025-87099	119600	57400
87000-87024	119900	59100
CARS	AVG. LD. LMT. AVG. LGT. WGT.	

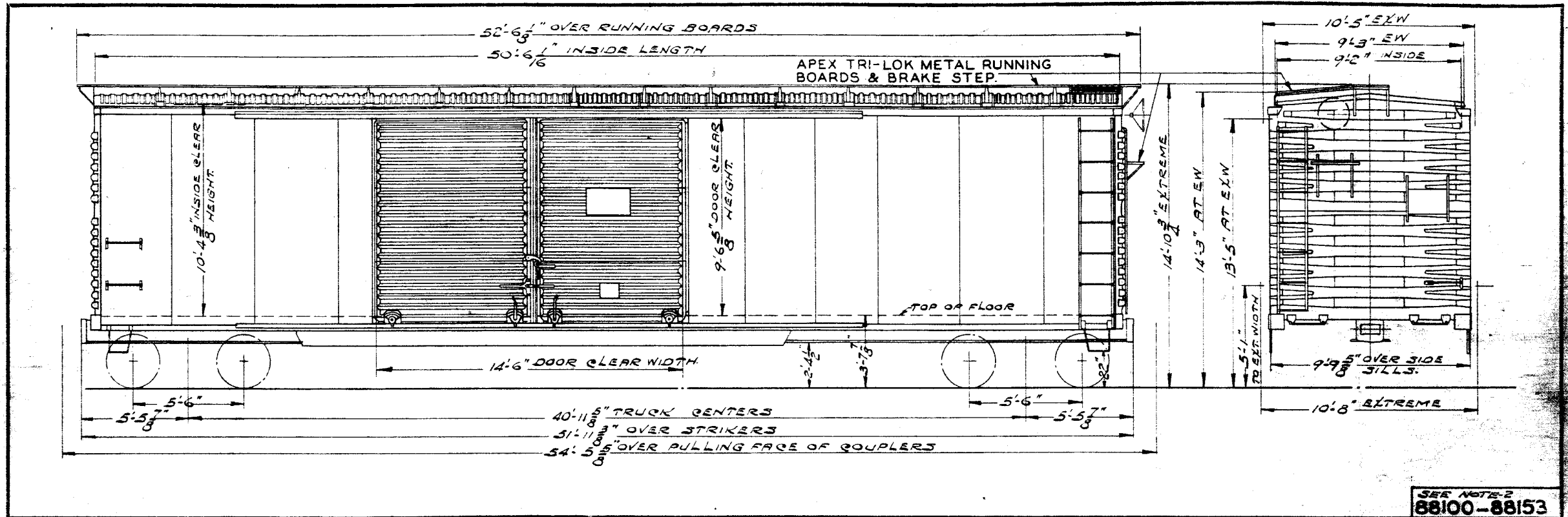
GENERAL DATA	
BUILT BY - R.S. CO. COLUMBUS, O.	CENTER SILL - A.R. 40.3 CHANNEL
YEAR BUILT - JUNE & JULY - 1937	CENTER SILL AREA - 29.815 SQ. IN.
CAPACITY LEVEL FULL - CU. FT. - 4798	CENTER SILL COVER PLATE - 1/4" X 2 5/16"
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER - A.R. TYPE "6" 1/4" X 8" SHANK
AVERAGE LOAD LIMIT - LBS. - SEE TABLE	COUPLER RELEASE RIGGING - UNPO. BOT. OPDR.
AVERAGE LIGHT WEIGHT - LBS. - SEE TABLE	DOOR - CRECO
BUILDERS REFERENCE - C-2526	DOOR FIXTURES - CRECO
R. R. SPEC. NO. - 8-CAB	DOOR CLEAR OPENING - 9'-8 3/8" X 14'-7 1/2"
	DRAFT GEAR - NATIONAL M-17-A
	DRAFT GEAR ATTACHMENT - C.S. YOKE
	ENDS - DREADNAUGHT
	END LOAD RATIO - .0348
	FLOORING - 2 5/8"
	GENERAL DRAWING OF CAR NO. 139-11-299
	HAND BRAKE - CHAMP VERT. WHEEL
	LINING END - 13/16"
	LINING SIDE - 1 5/8"
	ROOF - VIKING
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	

TRUCK DATA	
BOLSTER - C.S. DOUBLE TRUSS	
BRAKE BEAM - A.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.W.	
WEIGHT OF ONE TRUCK - 7300#	
CENTER PLATE HEIGHT - 2'-1 3/4"	

MISCELLANEOUS	
NOTE: - 1, SIDE FRAME C.S. DOUBLE TRUSS INTEGRAL BOX TYPE.	
NOTE: - 2 SPRINGS A.R. 1915 COIL 5 OUTER, 1-A-2-A STABILIZER PER NEST.	
NOTE: - 3 CARS IN 88000 SERIES EQUIPPED WITH EVANS SKI RACKS FOR LOADING FISHER AUTO BODIES.	
NOTE: - 4 7 CARS IN 87000-87099 EQUIPPED FOR LOADING CHEVROLET AXLES.	

SEE NOTE 3	88000-88045
CLASS	CARS
50-TON AUTO.	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JULY 23, 1937	
REVISIONS	
DR	TR
JGB	CHS
GROUP NO.	SHEET NO.
5	19

87025-87099	119600	57400
87000-87024	119900	59100
CARS	AVG. LD. LMT. AVG. LGT. WGT.	



GENERAL DATA	
BUILT BY - RALSTON S. & CO. COLUMBUS, OHIO.	
YEAR BUILT - JUNE & JULY 1942	
CAPACITY LEVEL FULL - CU. FT. - 4798	
CAPACITY WITH 10 IN. HEAP CU. FT.	
AVERAGE LOAD LIMIT - LBS. - 119800	
AVERAGE LIGHT WEIGHT - LBS. - 67200	
BUILDERS REFERENCE - LOT 2544	
R. R. SPEC. NO. - 8-CAB	
CAR BODY DATA	
AIR BRAKE MFG. - NYAB Co.	
AIR BRAKE SCHEDULE - "RB" 10" X 12"	
BODY BOLSTER - BUILT UP STEEL	
BODY CENTER PLATE - DROP FORGED	
BODY SIDE BEARING - HARDENED STEEL	
CAR LINES - 1/4" PRESSED STEEL	

CENTER SILL - 2 RAR 12" 40.5# PER FT. CHANN. I	
CENTER SILL AREA - 29.81 SQ. IN.	
CENTER SILL COVER PLATE - 2 1/2" X 1/4"	
COUPLER - RAR 6 1/4" X 8" TYPE 'E' BOTH OPERTG.	
COUPLER RELEASE RIGGING - STARY EQPT. Co. BOT. OPERTG.	
DOOR - YOUNGSTOWN CORRUG. STEEL	
DOOR FIXTURES - CAMEL	
DOOR CLEAR OPENING - 14' 6" X 9' 6 3/8"	
DRAFT GEAR - NATIONAL M-17-R	
DRAFT GEAR ATTACHMENT - C. S. YOKE	
ENDS - DREADNAUGHT C.B.S. 1/4" BOT. 3/16" TOP	
END LOAD RATIO - .0348	
FLOORING - 2 3/8"	
GENERAL DRAWING OF CAR - NO. 139-11-362	
HAND BRAKE - AJAX	
LINING END - 25/32" X 5 3/16" T&G	
LINING SIDE - 1 3/4" X 5 1/16" T&G	
ROOF - VIKING IMPROVED SOLID STEEL U.S.S. # 16 GA	

SIDE BEARING CENTERS - 4'-2"	
SHEATHING - 1/8" CB STEEL	
SUPERSTRUCTURE - STEEL	
UNDERFRAME - STEEL	
TRUCK DATA	
BOLSTER - C.S. DOUBLE TRUSS	
BRAKE BEAM - RAR NO. 13	
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 - C.S. DOUBLE TRUSS INTEGRAL BOX	
SPRING - SEE NOTE -	
WHEELS - RAR 33" DIA. ONE WEAR WROT STEEL	
WEIGHT OF ONE TRUCK - 7400 #	
OTR PLT. HGT. - 2'-1 3/4"	

MISCELLANEOUS	
NOTE-1 - SPRINGS -	
RAR COIL 1918 DESIGN 4-OUTER	
& 1 MINOR 2-2 X 8 SNUBBER PER	
NEST.	
NOTE-2	
CARS IN 88100 SERIES EQUIPPED WITH	
EVANS SKI RACKS FOR LOADING FISHER	
AUTO BODIES.	
NOTE-3:	
7 CARS IN 87100-87199 EQUIPPED	
FOR LOADING CHEVROLET AXELS.	

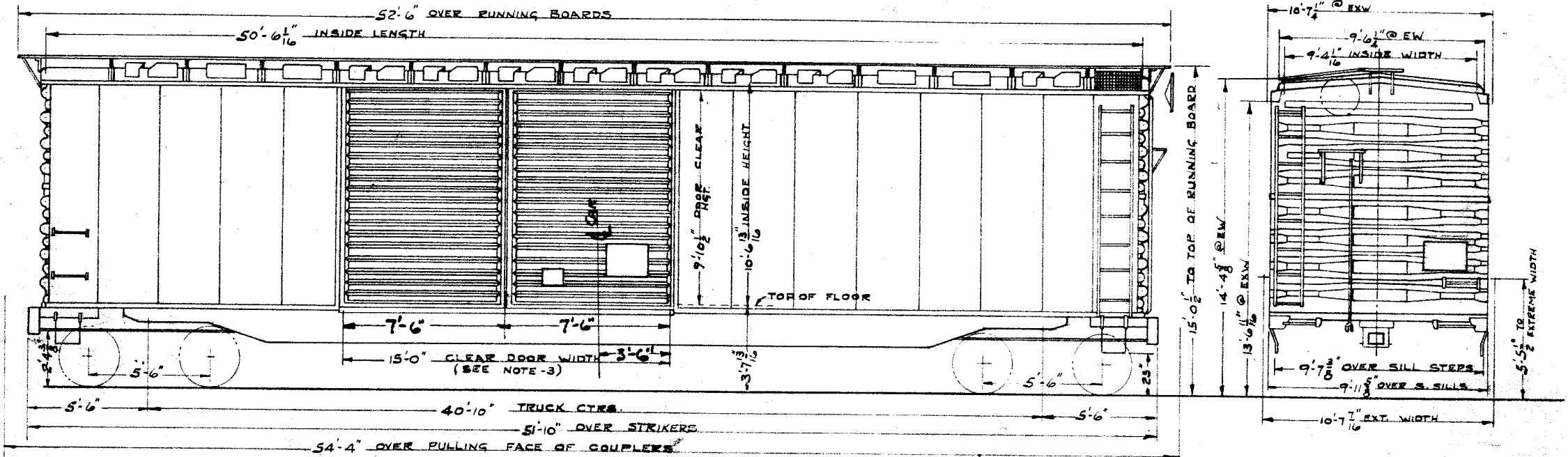
SEE NOTE-2				
88100-88153				
87100-87199				
CLASS	CARS			
50 TON AUTO. FURN.				
N.K.P.				
ADVISORY MECHANICAL COMMITTEE				
CLEVELAND, OHIO JULY 11, 1942				
REVISIONS				
11-19-42	14-9-30			
57	28			
59				
DR	TR	CH	GROUP NO.	SHEET NO.
6B	JGB	040	5	20

CARS EQUIPPED WITH "DF" LOADERS

LOAD LIMIT	LT. WT.	NO. OF CARS	CAR NO.	TYPE OF LOADERS
110,700	58,300	19	86250-86349	EVANS AUTO BODY SKI RACKS
86,700	52,300	10	86250-86349	CHRYSLER TRANSMISSION RACKS

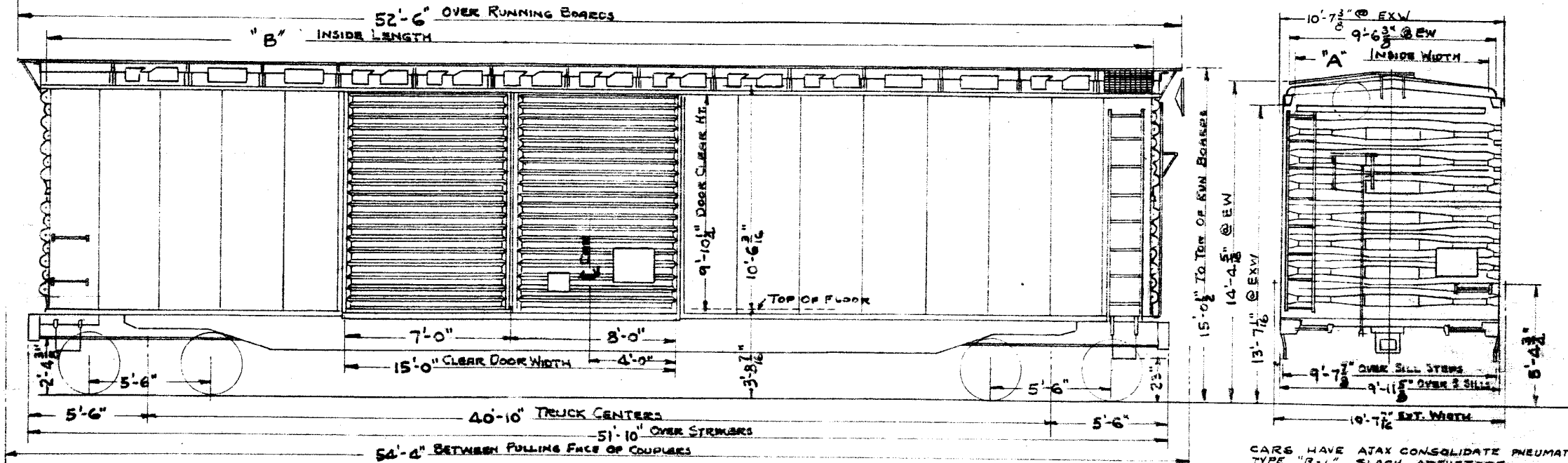
LIGHT WT.	LOAD LIMIT	NO. OF CARS	SERIES	APPLIED	TYPE
71500	105500	17	86200-86216	1955	19 BELT
71600	105400	6	86217-86222	1955	19 BELT
66300	110700	26	86223-86249	1955	9 BELT

REMARKS	LOAD LIMIT	LIGHT WT.	CARS
BOX CAR	110700	58300	86250-86349



GENERAL DATA		TRUCK DATA		MISCELLANEOUS	
BUILT BY GREENVILLE STL. CAR CO. GREENVILLE, PA.	CENTER SILL AREA 21.3 SQ. IN.	SIDE BEARING CENTERS 4'-2"	SHEATHING 3/16" STEEL AT DOORWAYS - ALL OTHER 10 STEEL	NOTE-1:	CLASS 86200-86349
YEAR BUILT 1955	CENTER SILL COVER PLATE =	UNDERFRAME STEEL	SLACK ADJUSTOR - AJAX PNEUMATIC TYPE "B-1"	CARS ARE EQUIPPED WITH A-3 RIDE CONTROL TRUCKS. ONE NEST OF SPRINGS HAS 5 OUTER COILS & 2 INNER COILS @ 2 1/2" TRAVEL. ALSO 2 DOUBLE COIL RIDE CONTROL SPRINGS.	CARS
CAPACITY LEVEL FULL - CU. FT. 4980	COUPLER A.A.E. 6 1/4 X 6" TYPE E' ROTARY BOTT. OPER.	DOOR - YOUNGSTOWN	DOOR FIXTURES - CAMEL	NOTE-2: DRAFT GEARS	50 TON BOX
CAPACITY WITH 10 IN. HEAP CU. FT. =	COUPLER RELEASE RIGGING ROTARY BOTT. OP. STD. RY. EQ. CO.	DOOR CLEAR OPENING 15'0" WIDE X 9'10 1/8" HIGH	DRAFT GEAR SEE NOTE - 2	CARDWELL WESTINGHOUSE NY-11-F -50 CAR SETS	NKP
AVERAGE LOAD LIMIT - LBS. - SEE TABLE	DOOR - YOUNGSTOWN	DRAFT GEAR ATTACHMENT CAST STEEL YOKE	ENDS IMPROVED DREAD NAUGHT 1/4" BOTT. 3/16" TOP	MINER A-22-XL -50 CAR SETS	NATIONAL MALLEABLE M-17-A -50 CAR SETS
AVERAGE LIGHT WEIGHT - LBS. - SEE TABLE	DOOR - YOUNGSTOWN	ENDS IMPROVED DREAD NAUGHT 1/4" BOTT. 3/16" TOP	END LOAD RATIO = .0509	NOTE-3:	CARS THAT ARE EQUIPPED WITH EVANS "DF" LOADERS, 7'0" CLEAR DOOR WIDTH.
BUILDERS REFERENCE - LOT 650	FLOORING 1 3/4" NAILABLE STEEL FLOOR	GENERAL DRAWING OF CAR - NO. 139-11-534	GENERAL DRAWING OF TRUCK NO.	NOTE-3:	CARS THAT ARE EQUIPPED WITH EVANS "DF" LOADERS, 7'0" CLEAR DOOR WIDTH.
R. R. SPEC. NO. - 5-50-B	GENERAL DRAWING OF CAR - NO. 139-11-534	GENERAL DRAWING OF TRUCK NO.	JOURNAL 5 1/2" X 10"	NOTE-3:	CARS THAT ARE EQUIPPED WITH EVANS "DF" LOADERS, 7'0" CLEAR DOOR WIDTH.
CAR BODY DATA		SIDE BEARING STUCKI-ROLLER TYPE		REVISIONS	
AIR BRAKE MFG. W.A.B. CO.	AIR BRAKE SCHEDULE - "A B"	SIDE FRAME CAST STEEL - A3 RIDE CONTROL		CLEVELAND, OHIO FEB. 16, 1955	
BODY BOLSTER - BUILT UP STEEL	BODY CENTER PLATE - DEEP FORCED	SPRING SEE NOTE - 1		526 12 10-1 44 56 59	
BODY SIDE BEARING - HARDENED STEEL	CARLINES - 1/4" DRESSED STEEL SEAM CAPS	WHEELS 33" DIA. ONE WEAR WROG STEEL		DR TR CH GROUP NO. SHEET NO.	
		WEIGHT OF ONE TRUCK		EFC EFC 5 21	
		CYR. PLY. HGT. 2' 13/4"			

CARS 86400-86499 & 86750-86899 HAVE U.S. GYPSUM RUN. Bds. & BRAKE STEPS
 CARS 86500-86749 HAVE APEX RUN. Bds. & BRAKE STEPS.
 NOTE 4: CARS 86400-86499 & 86700-86899 HAVE U.S. STL. I WWS WHEELS; 86500-86524 HAVE SOU. WHEEL
 Co. CAST STL. WHEELS; 86525-86549 HAVE GRIFFIN C.S. WHEELS; 86550-86699 HAVE ARMCO I WWS WHEELS.



CARS HAVE ATAX CONSOLIDATE PNEUMATIC TYPE "B-1" SLACK ADJUSTERS.

GENERAL DATA	
BUILT BY	GENERAL AMERICAN TRANSPORTATION CORP
YEAR BUILT	1956
CAPACITY LEVEL FULL—CU. FT.	SEE TABLE
CAPACITY WITH 10 IN. HEAR CU. FT.	—
AVERAGE LOAD LIMIT—LBS.	SEE TABLE - NEXT PAGE
AVERAGE LIGHT WEIGHT—LBS.	SEE TABLE - NEXT PAGE
BUILDERS REFERENCE	LOT 8087
R. R. SPEC. NO.	5-50-B
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	HARDENED STEEL
CARLINES	12 GA. PRESSED STEEL SEAM CAPS

CENTER SILL	AAR 2" x 36.2 # PER FT.
CENTER SILL AREA	21.3 SQ. IN.
CENTER SILL COVER PLATE	—
COUPLER	AAR 6 1/2" x 8" TYPE E ROTARY BOTT. OPER.
COUPLER RELEASE RIGGING	"STANDARD" S.R.E.M. Co.
DOOR	YOUNGSTOWN
DOOR FIXTURES	CAMEL
DOOR CLEAR OPENING	15'-0" WIDE x 9'-10 1/4" HIGH
DRAFT GEAR	SEE NOTE 1
DRAFT GEAR ATTACHMENT	CAST STEEL YOKE
ENDS	IMPROVED DESSAUGHT
END LOAD RATIO	.0509
FLOORING	2 3/8" WITH 3/16" PLT. @ DOORWAY
GENERAL DRAWING OF CAR—NO.	139-11-538
HAND BRAKE	SEE NOTE 2
LINING END	NU-LOC 2 1/2" x 20 3/4"
LINING SIDE	SEE TABLE
ROOF DIAGONAL PANEL	14 GA C.B. GALV. S.R.E.M. Co.

SIDE BEARING CENTERS	4'-3"
SHEATHING	3/16" STL. @ DOORS ALL OTHERS 0.10"
SUPERSTRUCTURE	STEEL
UNDERFRAME	STEEL
JOURNAL LUBE PADS	SEE NOTE 3
TRUCK DATA	—
BOLSTER	CAST STEEL WITH A3 RIDE CONTROL
BRAKE BEAM	AAR NO 18
BRAKE BEAM SAFETY	SAFETY LEDGES
CENTER DRAWING	INTEGRAL
GENERAL DRAWING OF TRUCK NO.	—
JOURNAL	5 1/2" x 10"
SIDE BEARING	STUCKI NO 656-C
SIDE FRAME	CAST STEEL WITH A3 RIDE CONTROL
SPRING NESTS	5 OUTER & 2 INNER COILS x 2 1/2" TRAVEL
WHEELS	SEE NOTE 4
WEIGHT OF ONE TRUCK	7260 LBS
CENTER P.L.T. HGT.	3'-13 1/4"

NOTE 1	MISCELLANEOUS
	CARD. WEST. NY-II-F 86400-86499
	MINER A-22-XL 86500-86624
	WAUGH 420 86625-86749
	NAT. MALL. M-17-A 86750-86874
	CARD. WEST. NY-II-F 86875-86899
NOTE 2	
	ALAX 86400-86499
	EAUPCO 86500-86599
	ALAX 86600-86899
NOTE 3	
	REDIPAK 86400-86499
	ROLIN 86500-86599
	FULLO CORP 86600-86699
	U.S. RUBBER 86650-86699
	MILLER 86700-86749
	UNI-PAK 86750-86799
	JOUREN-PAK 86800-86899

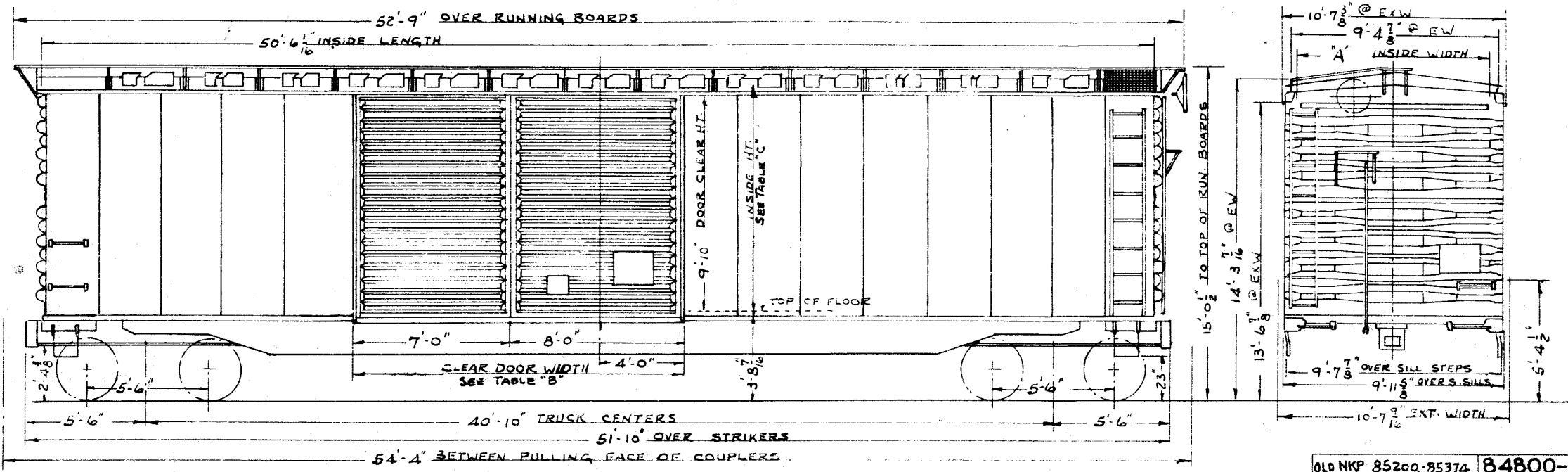
CLASS		86400-86899	
CARS		50-TON BOX	
NKP		CLEVELAND, OHIO	
REVISIONS		JUNE 12, 1956	
1-7-57	10-5-59		
DR	TR	CH	
ON	ON	FC	
GROUP NO.		5	
SHEET NO.		22	

CARS IN SERIES 86400-86899 WITH SPECIAL LOADING EQUIPMENT							
DIM. "B"	DIM. "A"	LOADERS	CU CAPY.	LD. LMT.	LT. WT.	NO. OF CARS	CAR NOS.
50'-6"	9'-2"	DF	4883	110,770	66,230	100	86400-86499
50'-6"	9'-2"	DF	4883	110,770	66,230	92	86500-86881
50'-6"	9'-4"	TRI-BELT	4956	112,600	64,400	10	86500-86563
48'-2"	9'-1"	CHEVROLET FRONT AXLE LOADERS	4604	83,200	93,800	6	86517-86522
50'-6"	9'-4"	BRANDON LOAD RESTRAINER	4956	116,000	61,000	1	86882
48'-7"	9'-0"	CHRYSLER TORQUE CONVET. CASTINGS	4599	95,700	81,300	10	86500-86899
48'-2"	9'-0"	CHRYSLER TORQUE CONVET. CASTINGS	4599	95,700	81,300	9	86883-86891
50'-6"	9'-4"	EVAN'S AUTO BODY SKI RACKS	4956	115,500	61,500	70	86800-86869
49'-10"	9'-1"	CHRYSLER TRANSMISSION PALLETS	4759	95,100	81,900	8	86892-86899
50'-6"	9'-4"	REGULAR BOX - NO EQUIPMENT	4956	110,900	58,100	191	86500-86799

LOADING INFORMATION

						86400-86899
50-TON BOX						
N K P						
CLEVELAND, OHIO				OCT. 5, 1959		
REVISIONS						
A						
DR	TR	CH	GROUP NO.	SHEET NO.		
E _{FC}	E _{FC}	045	5	22-A		

C	B	MOVE. BULKHEADS	SIDE FILLERS	RUNNING BOARD BRAKE STR.	AVERAGE LD.LMT.	AVERAGE LT.WT.	DRAFT GEAR	HAND BRAKE	TYPE OF TRUCK	DIM. A'	NO. OF BELT LOADERS	CU. FT.	SERIES
10'-6"	15'-0"	NONE	NONE	NATIONAL GYPSUM	111,200 LBS.	65800 LBS.	MINER A-22-XL	EQUIPCO	A-3 RIDE CONTROL	9'-2 5/8"	9	4883	85000-85199
"	"	"	"	125 CARS - APEX 50 CARS - NATIONAL GYPSUM	117,600 LBS.	59400 LBS.	100 CARS - PEERLESS T-1 75 CARS - CARD WLS. NY.I.P.	AJAX	125 CARS - NATIONAL C-1 50 CARS - A-3 RIDE CONTROL	9'-4 1/2"	NONE	4956	85200-85374
"	"	"	"	APEX	112,200 LBS.	64800 LBS.	WAUGH 420	UNIVERSAL	BARBER S-2-A	9'-4"	9	4956	85375-85474
10'-2 1/2"	10'-0"	EVANS	EVANS	15 CARS - APEX 15 CARS - NATIONAL GYPSUM	110,800 LBS.	66,200 LBS.	16 CARS - PEERLESS T-1 14 CARS - CARD WLS. NY.I.P.	AJAX	23 CARS - NATIONAL C-1 1 CARS - A-3 RIDE CONTROL	9'-3 1/8"	NONE	4684	84800-84829



GENERAL DATA
 BUILT BY GENERAL AMERICAN TRANSPORTATION CORP.
 YEAR BUILT 1960
 CAPACITY LEVEL FULL - CU. FT. SEE TABLE
 CAPACITY WITH 10 IN. HEAP CU. FT. -
 AVERAGE LOAD LIMIT - LBS. SEE TABLE
 AVERAGE LIGHT WEIGHT - LBS. SEE TABLE
 BUILDERS REFERENCE 80-8168
 R. R. SPEC. NO.

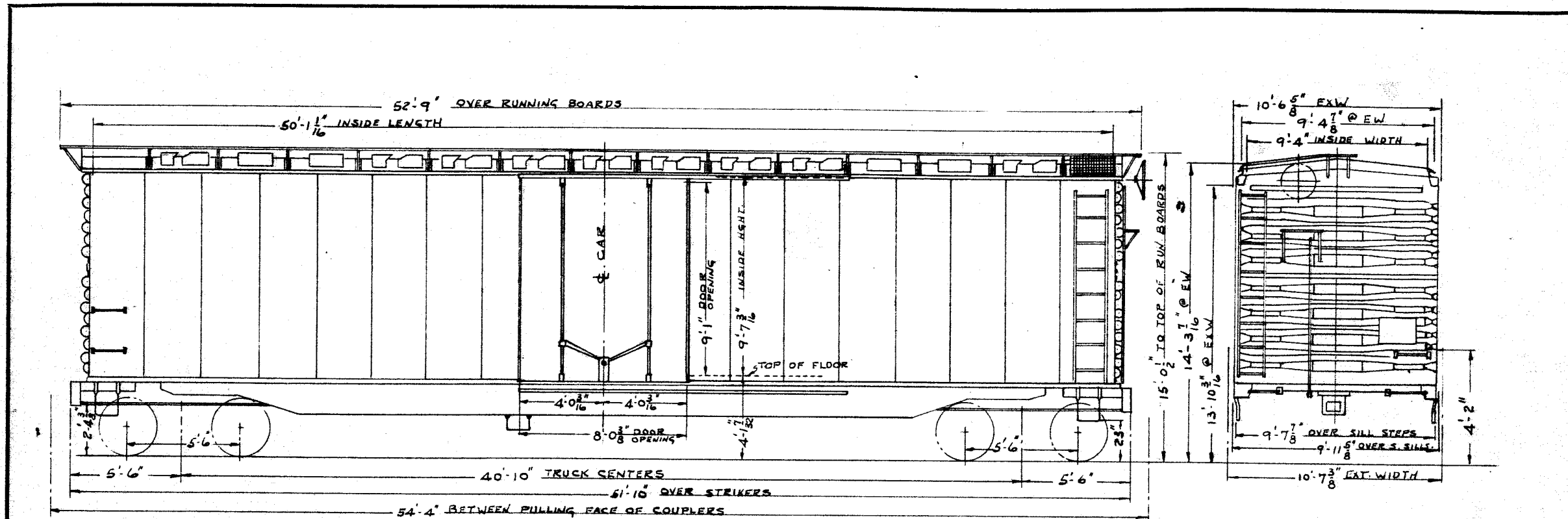
CAR BODY DATA
 AIR BRAKE MFG. 250 CARS W.A.O.G. 250 N.Y.A.P. CO.
 AIR BRAKE SCHEDULE AB"
 BODY BOLSTER BUILT UP STEEL
 BODY CENTER PLATE DROP FORGED
 BODY SIDE BEARING HARDENED STEEL
 CARLINES 12 GA PRESSED STEEL SEAM CAPS

CENTER SILL A.A.R. 2" x 26 @ 36.2" PER FT.
 CENTER SILL AREA 213.50 IN.
 CENTER SILL COVER PLATE
 COUPLER AAR 6 1/4" x 8" TYPE "E" ROTARY BOT. OPER.
 COUPLER RELEASE RIGGING STANDARD S.R.E.M. CO.
 DOOR YOUNGSTOWN
 DOOR FIXTURES CAMEL
 DOOR CLEAR OPENING 7'-9 1/2" HIGH
 DRAFT GEAR SEE TABLE
 DRAFT GEAR ATTACHMENT CAST STEEL YOKE
 ENDS IMPROVED DREADNAUGHT
 END LOAD RATIO .0509
 FLOORING 2 3/8" WITH 3/16" PLT. @ DOORWAY
 GENERAL DRAWING OF CAR - NO.
 HAND BRAKE SEE TABLE
 LINING END 25/32" T & G
 LINING SIDE 25/32" T & G
 ROOF DIAGONAL PANEL 14 GA. C.B. GALV. S.R.E.M. CO.

SIDE BEARING CENTERS 4'-2"
 SHEATHING 3/16" STL @ DOORS ALL OTHERS 0.10"
 SUPERSTRUCTURE STEEL
 UNDERFRAME STEEL
 JOURNAL LUBE PADS - ROLIN
 TRUCK DATA
 BOLSTER CAST STEEL
 BRAKE BEAM AAR NO. 18 - UNIT TYPE
 BRAKE BEAM SAFETY GUIDES CAST IN SIDE FRAME
 CENTER PLATE INTEGRAL WITH BOLSTER
 GENERAL DRAWING OF TRUCK NO.
 JOURNAL 5 1/2" x 10"
 SIDE BEARING STUCKI N° 636-C
 SIDE FRAME CAST STEEL
 SPRING NEST - 5 OUTER & 2 INNER COILS x 2 1/2" TRAVEL
 WHEELS 1 - WEAR WROT STEEL
 WEIGHT OF ONE TRUCK
 CENTER PLT. HGT. 2'-13/4"

MISCELLANEOUS
 RUNNING BOARDS & BRAKE STEPS - SEE TABLE

OLD NKP 85200-85374		84800-84829	
		85000-85474	
CLASS		CARS	
50-TON BOX			
NKP			
CLEVELAND, OHIO		AUG. 23, 1960	
REVISIONS			
A			
DR	TR	CH	
E _F	E _C	945	
GROUP NO.		SHEET NO.	
5		23	



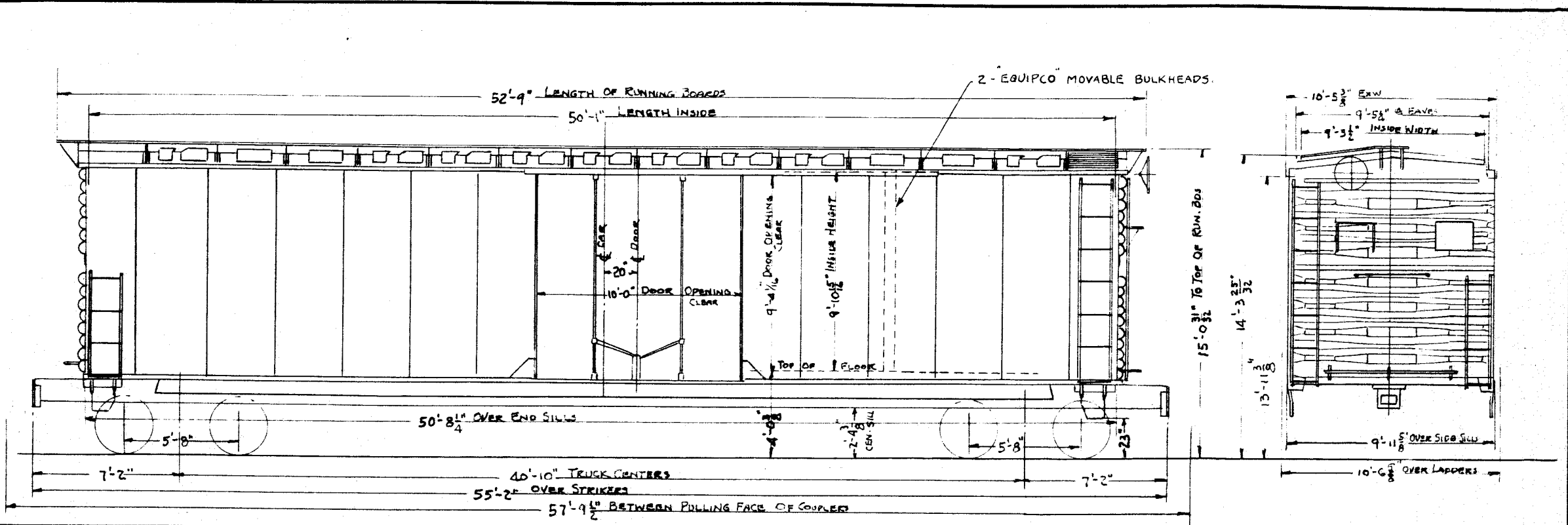
GENERAL DATA	
BUILT BY	GENERAL AMERICAN TRANSPORTATION CORP.
YEAR BUILT	1960
CAPACITY LEVEL FULL—CU. FT.	4490
CAPACITY WITH 10 IN. HEAP CU. FT.	—
AVERAGE LOAD LIMIT—LBS.	108400
AVERAGE LIGHT WEIGHT—LBS.	68600
BUILDERS REFERENCE	50-8169
R. R. SPEC. NO.	
CAR BODY DATA	
AIR BRAKE MFG.	
AIR BRAKE SCHEDULE	"A8"
BODY BOLSTER	BUILT UP STEEL
BODY CENTER PLATE	DROP FORGED
BODY SIDE BEARING	HARDENED STEEL
CARLINES	12 GA. PRESSED STEEL SEAM CAPS

CENTER SILL	A.A.R. *2" x 26 @ 36.2" PER FT.
CENTER SILL AREA	21.3 SQ. IN.
CENTER SILL COVER PLATE	—
COUPLER	A.A.R. 6 1/2" x 8" TYPE "E" ROTARY BOTTOM OPER.
COUPLER RELEASE RIGGING	"STANDARD" S.R.E.M. CO.
DOOR	YOUNGSTOWN - PLUS TYPE
DOOR FIXTURES	CAMEL
DOOR CLEAR OPENING	8'-0 3/8" WIDE X 9'-1" HIGH
DRAFT GEAR	CARDWELL WESTINGHOUSE NY-11-F
DRAFT GEAR ATTACHMENT	CAST STEEL YOKE
ENDS	IMPROVED DREADNAUGHT
END LOAD RATIO	.0609
FLOORING	2 1/8"
GENERAL DRAWING OF CAR—NO.	
HAND BRAKE	AXAX - NON SPIN
LINING END	25/32" T.B.G.
LINING SIDE	25/32" T.B.G.
ROOF DIAGONAL PANEL	14 GA. C.B. GALV. S.R.E.M. CO.

SIDE BEARING CENTERS	4'-2"
SHEATHING	3/16" STEEL @ DOORS ALL OTHERS 0.10"
SUPERSTRUCTURE	STEEL
UNDERFRAME	STEEL
TRUCK DATA	
BOLSTER	CAST STEEL WITH A-3 RIDE CONTROL
BRAKE BEAM	A.A.R. NO. 18 - UNIT TYPE
BRAKE BEAM SAFETY GUIDES	CAST IN SIDE FRAMES
CENTER PLATE	INTEGRAL WITH BOLSTER
GENERAL DRAWING OF TRUCK NO.	
JOURNAL	5 1/2" x 10" TIMKEN "A" ROLLER BEARING
SIDE BEARING	STUCKI NO. 656 C
SIDE FRAME	CAST STEEL WITH A-3 RIDE CONTROL
SPRING NEST	5 OUTER & 2 INNER COILS x 2 1/2" TRUCK
WHEELS	ONE WEAR WROT STEEL
WEIGHT OF ONE TRUCK	
CTR. PLT. HGT.	2'-1 3/4"

MISCELLANEOUS	
CARS EQUIPPED WITH APEX RUNNING BOARDS & BRAKE STEPS, AND SPARTAN TRI-DRIFT LOADERS.	

CLASS		CARS		85475-85499	
50 TON INSULATED BOX					
NKP					
CLEVELAND, OHIO			AUG. 2, 1960		
REVISIONS					
DR	TR	CH	GROUP NO.	SHEET NO.	
E _F	E _F	CH	5	24	



GENERAL DATA
 BUILT BY **GENERAL AMERICAN TRANS. CORP.**
 YEAR BUILT **DEC. 1962**
 CAPACITY LEVEL FULL - CU. FT. **4413**
 CAPACITY WITH 10 IN. HEAP CU. FT. **-**
 AVERAGE LOAD LIMIT - LBS. **80,800**
 AVERAGE LIGHT WEIGHT - LBS. **139,200**
 BUILDERS REFERENCE **8296**
 R. R. SPEC. NO. **-**

CAR BODY DATA
 AIR BRAKE MFG. **WEST. AIR BRAKE CO**
 AIR BRAKE SCHEDULE **A0-1012**
 BODY BOLSTER **BUILT UP STEEL**
 BODY CENTER PLATE **DEEP FURROW**
 BODY SIDE BEARING **HARDENED STEEL**
 CARLINES **12 GA. PRESSED STL. SEAM CORP.**

CENTER SILL MOVABLE AAR Z-26 @ 41-2 18/FT.
 CENTER SILL AREA MOVABLE = 24-24 SQ. IN.
 CENTER SILL COVER PLATE **-**
 COUPLER AAR "E" 6 1/2" X 8" BOTTOM OPER.
 COUPLER RELEASE RIGGING - **STANLEY CORP.**
 DOOR **YOUNGSTOWN PLUG TYPE**
 DOOR FIXTURES **CAMBAL**
 DOOR CLEAR OPENING **10'-0" WIDE X 9'-4 1/4"**
 DRAFT GEAR **NATIONAL M-17A FRICTION TYPE**
 DRAFT GEAR ATTACHMENT **C.S. YOKES AAR CAT. B-Y40**
 ENDS **CORR. STL. 1/4" BOTT. 3/16" TOP**
 END LOAD RATIO **.0461**
 FLOORING **2 1/2" DWELDOR**
 GENERAL DRAWING OF CAR - NO. **-**
 HAND BRAKE **AJAX**
 LINING END **25/32" T. & G.**
 LINING SIDE **25/32" T. & G.**
 ROOF **DIAP. PANEL 14 GA. C.B. GALV. STANLEY CORP.**

SIDE BEARING CENTERS **4'-3"**
 SHEATHING **10" C.B. STEEL**
 SUPERSTRUCTURE **STEEL**
 UNDERFRAME **STEEL**

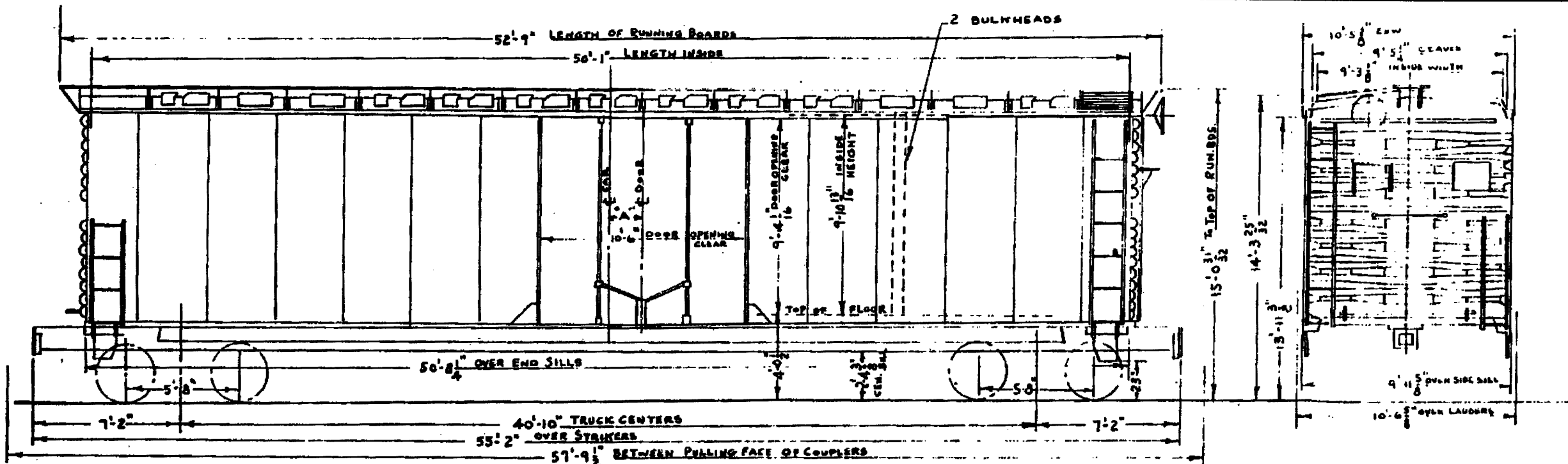
TRUCK DATA
 BOLSTER **CAST STEEL - BARBER S-2-C**
 BRAKE BEAM **AAR NO. 18 UNIT TYPE**
 BRAKE BEAM SAFETY **GUIDES CAST IN SIDE FRAME**
 CENTER PLATE **INTEGRAL WITH BOLSTER**
 GENERAL DRAWING OF TRUCK NO. **-**
 JOURNAL **6" X 11" FLAT BACK BEARINGS**
 SIDE BEARING **STUCKI ROLLER - NO. 656-C**
 SIDE FRAME **CAST STEEL - BARBER S-2-C STABILIZED**
 SPRING NEST = 28 OUTER, 20 INNER X 3 1/4" TRAVEL
 WHEELS **CNE WEAR WROT STEEL**
 WEIGHT OF ONE TRUCK **-**

MISCELLANEOUS
 PREMIER LUBRICATOR PADS
 ELLCOB NATIONAL NO. 1340 BRAKE REGULATOR
 EQUIPCO LOAD DIVIDERS
 EVANS COLLAPSIBLE SIDE FILLERS
 KEYSTONE SHACK CONTROL 20" TRAVEL UNDERFRAME
 GRE-6 CYL. RELEASE VALVE
 INSULATION - OWENS-CORNING FIBERGLAS

CLASS		CARS		84000-84019	
70 TON INSULATED BOX					
NKP					
CLEVELAND, OHIO			JAN 14, 1963		
REVISIONS					
DR	TR	CH	GROUP NO.	SHEET NO.	
PH	PH	LB.	5A	1	

23° CURVE - COUPLED TO LIKE CAR
ONE CAR ON TANGENT, ONE ON CURVE

AVERAGE LOAD LIMIT	AVERAGE LT. WEIGHT	DRAFT GEAR	MOVABLE BULKHEAD	SIDE FILLERS	DOOR OFFSET-A"	SERIES
138,700	81,300	NATIONAL M-17A	EQUIPCO 2 PIECE	EVANS ADJUSTABLE	23"	84020-84094
139,200	80,800	WAUGH GOULD 420-A	EVANS ONE PIECE ALUM. AND STEEL	EVANS COLLAPSIBLE	NONE	84015-84174



GENERAL DATA
 UNIT BY GENERAL AMERICAN TRANS. CORP.
 YEAR BUILT JUNE - 1963
 CAPACITY LEVEL FULL - CU. FT. 4413
 CAPACITY WITH 10 IN. HEAD OIL FT.
 AVERAGE LOAD LIMIT - TONS. SEE TABLE
 AVERAGE LIGHT WEIGHT - LBS. SEE TABLE
 CHASSIS REFERENCE 8336, 8338-A
 G. H. SPEC. NO.

CAR BODY DATA
 AIR BRAKE MFG. WEST AIR BRAKE CO.
 AIR BRAKE SCHEDULE AB-1012 WITH ABC-1 VALVE
 BODY ON STEEL BUILT UP STEEL
 BODY CENTER PLATE DROP FORGED
 BODY SIDE BEARING HARDENED STEEL
 12 GA. PRESSED STL. BEAM CAPS

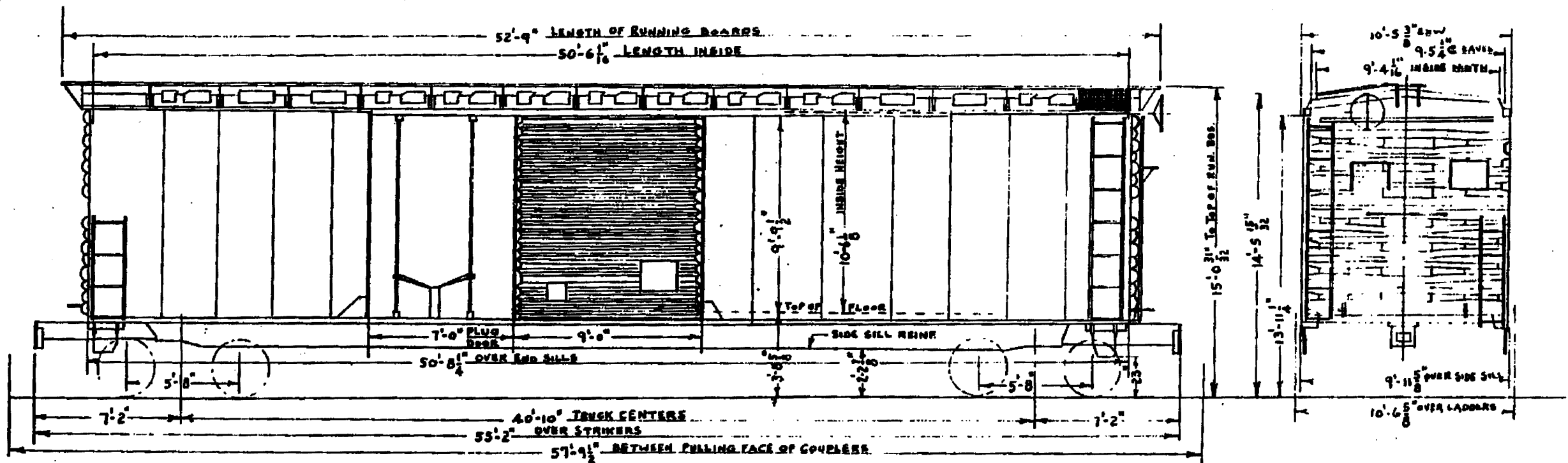
CENTER SILL MOVABLE: AAR 2-20 @ 41.3 LB/FT.
 CENTER SILL AREA FOLDABLE: 26.24 SQ. IN.
 CENTER SILL COVER PLATE
 COUPLER AAR 6" 6 1/4" X 8" BOTTOM OPER.
 COUPLER RELEASE BROOMS STANRAY CORP.
 DOOR YOUNGSTOWN PLUG TYPE
 DOOR FITTINGS CAMEL
 DOOR CLEAR OPENING 10'-6" WIDE X 9'-4 1/8"
 DRAFT GEAR SEE TABLE
 DRAFT GEAR ATTACHMENT C.S. YONE AAR CAT. B-Y-40
 END CORR. STL. 1/4" BOTT. 3/16" TOP
 END LOAD RATE 846
 FLOORING 2 3/8" DOWELC
 GENERAL DRAWING OF CAR - NO.
 HAND BRAKE AJAX
 LAMPING NO. 25/32 T & G
 LAMPING DATA 25/32 T & G
 HOOP DIAG. PANEL 14 GA. C.S. GALV. STANRAY CORP.

TRUCK DATA
 SIDE BEARING CENTERS 4'-2"
 SIDE BEARING 10" C.S. STEEL
 SHOCKS MULTIPLE STEEL
 UNDERFRAMES STEEL
 DRUMS CAST STEEL A-3 RIDE CONTROL
 BRAKE BEAM AAR NO 18 UNIT TYPE
 BRAKE BEAM SAFETY GUIDES CAST IN SIDE FRAME
 CENTER PLATE INTEGRAL WITH BOLSTER
 GENERAL DRAWING OF TRUCK NO.
 JOURNAL 6" X 11" FLAT BACK BEARING
 SIDE BEARING STUCKI ROLLER - NS 656-C
 SIDE FRAME CAST STEEL A.S.F. RIDE CONTROL
 SPRINGS NBT: 28 OUTER; 8 INNER X 2 1/2" TRAVEL
 WHEELS ONE WEAR WROT STEEL
 WEIGHT OF ONE TRUCK

MISCELLANEOUS
 WIKIT & PREMIER LUBRICATOR PADS
 KEYSTONE SHOCK CONTROL 10" TRAVEL UNDERFRAME
 DRB-8 CYL. RELEASE VALVE
 INSULATION - OWENS-CORNING FIBERGLAS
 WASTINGHOUSE D-112-D PNEUMATIC BRAKE REGULATOR

84020-84194	
CLAS	CARS
70 TON INSULATED BOX	
NKP	
ADVISORY MECHANICAL COMMITTEE	
CLEVELAND OHIO JAN 20, 1964	
NO. 1000000	
LINE	REV
RED	1
5A	2

23° CURVE - COUPLED TO LIKE CAR
ONE CAR ON TANGENT, ONE ON CURVE



GENERAL DATA
 BUILT BY **GENERAL AMERICAN TRAILERS CORP.**
 YEAR BUILT **JAN 1964**
 CAPACITY LEVEL FULL - CU. FT. **4950**
 CAPACITY WITH 10 IN. HEAVY CU. FT.
 AVERAGE LOAD LIMIT - LBS. **142,500**
 AVERAGE LIGHT WEIGHT - LBS. **17,200**
 HOLDING CAPACITY - LBS. **2334**
 R. R. SPEC. NO. **70 68**

CAR BODY DATA
 AIR BRAKE OPER. **WEST. AIR BRAKE CO. WITH ABC-T VALVE**
 AIR BRAKE CONTROL **A3-1912**
 BODY BRACKET **BUILT UP STEEL - WELDED**
 BODY CENTER PLATE **DEEP FORGED**
 BODY SIDE BEARING **HARDENED STEEL**
 CAR NO. IS GA. PRESSED STL. SEAM CAPS

CENTER BEARINGS, AAR 2-110 412 LB/FT.
 CENTER HILL AREA HOVRABLES **24.24 SQ. IN.**
 CENTER HILL COVER PLATE
 COUPLER **AAR 2" BOTTOM OPER. BE-50 A-MT**
 COUPLER RELEASE BRIDGE **STANRAY CORP.**
 DOOR **9'-0" HALL SLIDING 7'-0" PLUG TYPE**
 DOOR FITTINGS **CAMEL**
 DOOR CLEAR OPENING **16'-0" WIDE X 1'-1 1/2" HIGH**
 DRAFT GEAR **MINER A-22-KL**
 DRAFT GEAR ATTACHMENT **C.S. VONE AAR CAY. B-Y-40**
 END CORR. STL. **1/4" GOTT. 5/16" TOP**
 END LOAD RATE **240**
 FLOORING **2 3/8" HIGHWAY DOUBLE**
 GENERAL DRAWING OF CAR - **20**
 HAND BRAKE **AJAX**
 LADING END **25/32 T&G**
 LADING SIDE **25/32 T&G**
 BODY DIAG. PANEL **14 GA. C.S. GALV. STANRAY CORP.**

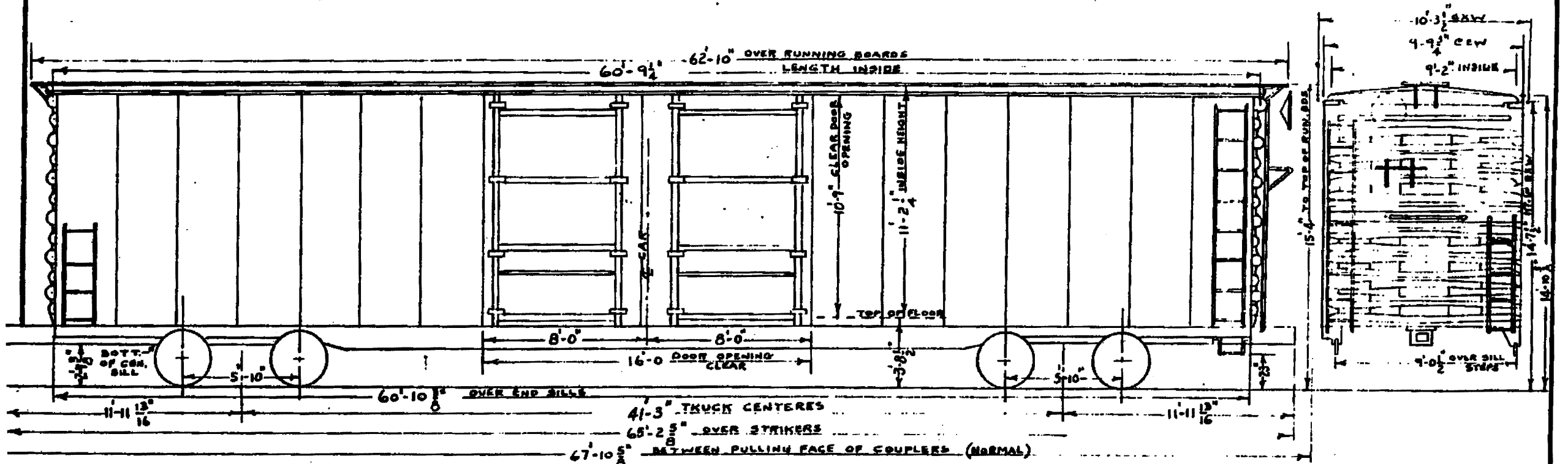
SIDE BEARING CENTERS 4'-2"
 SHEATHING **10" G.S. STEEL**
 SUPERSTRUCTURE **STEEL**
 UNDERFRAME **STEEL**

TRUCK DATA
 COUPLER **CAST STEEL A-2 SIDE CONTROL**
 BRAKE BEAM **AAR HT 15 UNIT TYPE**
 BRAKE BEAM SAFETY GUIDES **CAST IN SIDE FRAME**
 CENTER PLATE **INTEGRAL WITH COUPLER**
 GENERAL DRAWING OF TRUCK NO.
 JOURNAL **6" X 1 1/2" FLAT BACK BEARINGS**
 SIDE BEARING **STUCKI ROLLER NR 650-C**
 SIDE FRAME **CAST STEEL - A-2 SIDE CONTROL**
 SPRING MOUNT **25 OUTER SPRING X 1/2 TRAVEL**
 WHEEL **ONE BEAR WROT STEEL 33" DIA.**
 WEIGHT OF CAR 12...

MISCELLANEOUS
 PREMIER LUBRICATOR PADS
 KEYSTONE SHOCK CONTROL 20" TRAVEL UNDERFRAME
 QRD CYL. RELEASE VALVE
 EQUIPPED WITH EVANS 9 BELT DF-2-LOADERS
 APEX RUNNING BOARDS
 WESTINGHOUSE P-112-D PNEUMATIC
 SLACK ADJUSTER

			81500-81649	
CLASS			CAR	
70 TON BOX				
NKP				
CLEVELAND OHIO				
REVISIONS				
DN	IN	CH	QUANTITY	SHEET NO.
			5A	3

39° CURVE UNCOUPLED
25° CURVE COUPLED TO LIKE CAR



GENERAL DATA
 BUILT BY GREENVILLE STL. CAR CO.
 YEAR BUILT 1968
 CAPACITY LEVEL FULL - CU. FT. 5000
 CAPACITY WITH 10 IN. HEAP FT. 4000
 AVERAGE LOAD LIMIT - LBS. 124,000 (WITH JACKS)
 AVERAGE LIGHT WEIGHT - LBS. 103,000 (WITH JACKS)
 BUILDING REFERENCE LOT - 00487
 A. S. SPEC. NO. 100 - 12 - FORD

CAR BODY DATA
 AIR BRAKE MFG. W.A.S. CO.
 AIR BRAKE MODEL AB-1210 WITH ADD-1 VALVE
 BODY CENTER BUILT UP STEEL - WELDED
 BODY CENTER PLATE CAST STL. - SPECIAL FOR HYDRA-CUSHION
 BODY SIDE BEARING HARDENED STEEL
 14 GA. PRESSED STL. SEAM CAPS

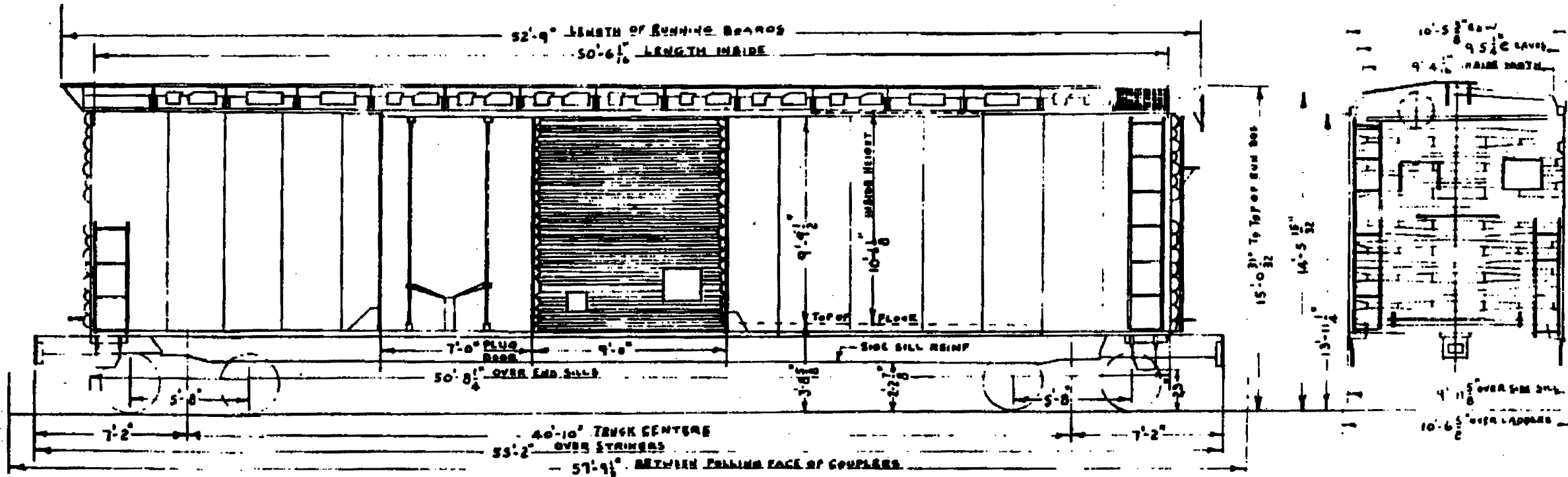
CENTER SILL (SLIDING & FIXED) - FIXED 41.2-18 FT. 7 1/2"
 CENTER SILL AREA FIXED - 24.24 SQ. W.
 CENTER SILL COVER PLATE
 COUPLER AAR-6 1/4 X 8 TYPE "E" - 10" SHANK - BUT ONE
 COUPLER RELEASE RIGID. STYLE - 2A - S.R.E.M. CO.
 DOOR YOUNGSTOWN FOUR-8 FT. PLUG TYPE
 BODY FIXTURES CAMEL
 DOOR CLEAR OPENING 16'-0" WIDE X 10'-9" HIGH
 DRAFT GEAR FRICTION TYPE - M-17A - NAT'L CASTINGS
 DRAFT GEAR ATTACHMENT CAST STL. YOK
 END S.R.E.M. IMPROVED PRECAUTION
 END LOAD RATIO .0461
 FLOORING OO-WELC - 2" THICK HICKORY
 GENERAL DRAWING OF CAR NO.
 HANG BRACE AJAX NO. 5
 L.H. & END NONE
 L.H. END NONE
 ROOF DIAGONAL PANEL - 14 GA. C.S. GALV. S.R.E.M. CO.

TRUCK DATA
 BOLSTER CAST STL. - ASP. RIDE CONTROL TYPE - A-3
 BRAKE SLAM AAR NO 24 "UNIT TYPE"
 BRAKE SLAM SAFETY GUIDES CAST IN SIDE FRAME
 CENTER PLATE INTEGRAL WITH BOLSTER
 GENERAL DRAWING OF TRUCK NO.
 JOURNAL 6 1/2" X 12" THICK "AP" ROLLER BRG.
 SIDE BEARING STUCK - DOUBLE ROLLER
 SIDE FRAME CAST STL. - RIDE CONTROL - NARROW PEP
 SPRING NEST - 32 OUTER; 16 INNER X 2 1/2" TAPER
 WHEELS MULTIPLE - WEAR WROT 5 STEEL - 36" DIA
 WEIGHT OF ONE TRUCK 10,720 LBS.

MISCELLANEOUS
 UNDERFRAME CUSHIONING DEVICE
 HYDRA-CUSHION - 20" TRAVEL
 CARS EQUIPPED WITH
 H.P.L. PEACOCK DOUBLE ACTING BRAKE
 REG'2. APEX RUNN. BBS END PLATFORM.
 FIVE - 2" X 3/8" BOLT BAILS PER SIDE.

CLASS		83000-83033	
CLASS		CARS	
100 TON BOX			
NKP			
CLEVELAND, OHIO		DECEMBER 11, 1963	
DIVISIONS			
DN	IN	CH	GROUP I
2	33	58	SHEET NO.
			1

23° CURVE - COUPLED TO LIKE CAR
ONE CAR ON TANGENT, ONE ON CURVE



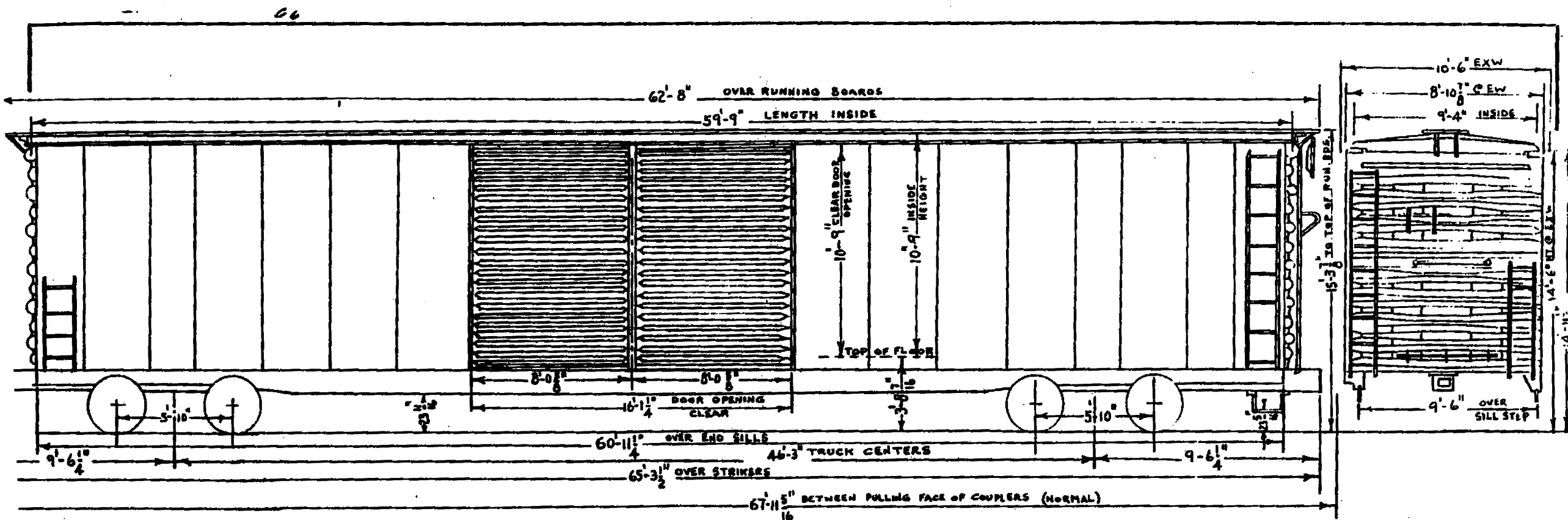
GENERAL DATA	
BUILT BY	GENERAL AMERICAN TRUSS CORP
YEAR BUILT	FEB 1944
CAPACITY LEVEL FULL - CU FT	4988
CAPACITY WITH 20 LB WEEP CU FT	
AVERAGE LOAD LIMIT - LBS	190,800
AVERAGE LOAD WEIGHT	82,200
WHEELS	340
WHEEL WEIGHT	100 LB
CAR BODY DATA	
ALL GRADE WPS. N.C. AND BRASSER WITH ANGLE WELDS	
ALL GRADE WELDED	AS - 1210
BODY COUPLER	BUILT UP STEEL - WELDED
BODY CENTER PLATE	DROP FORGED
BODY END COUPLER	HARDENED STEEL
COUPLER END	12 GA. PRESSED STL. SEAM CAPS

CENTER SILL MOVABLE. AREA 1-250 413 LB/FT	
CENTER SILL AREA MOVABLE. 24-24 5/8 IN.	
CENTER SILL COVER PLATE	
COUPLER 44" X 2" BOTTOM OPER. DR. 60 A-NY	
COUPLER RELEASE BEARING STANLEY CORP	
HOOK 4" X 6" MAIN BLINDS 2 1/2" X 6" PLUG TYPE	
HOOK PARTS	CAMEL
HOOK CLEAR SPACING	16" WITH 29.478" HIGH
DRIFT BEAM	NATIONAL M-T-A
DRIFT BEAM ATTACHMENT C. S. YORK AND COY. 6-Y-40	
DRIFT COIL STL. 1/2" DIA. 1/4" TOP	
END LOAD WELD	0461
FLOORING	2 1/8" NICKERBY POWDER
GENERAL DRAWING OF CAR - NO	
NAME GRADE	A-7A
1" LONG END	20/32 Y & O
1" LONG END	20/32 Y & O
END SILL PANEL	12 GA. C.S. STANLEY CORP

SIDE BEARING CENTERS	41 - 2 1/2
ORIENTATION	10" C.S. STEEL
SUPERSTRUCTURE	STEEL
UNDERFRAME	STEEL
TRUCK DATA	
DRIVER	CAST STEEL A-B END CONTACT
BRAND BEAM	AAA 45 1/2" UNIT TYPE
BRAND BEAM CAPACITY GUIDE	CAST IRON FRAME
CENTER PLATE	INTERNAL WITH 2-45YR
CENTRAL DRAWING OF TRUCK NO.	
FRONTAL	6 1/2" X 12" TIMKEN HYATT BALL BEARINGS
END BEARING	STEEL - DOUBLE ROLLER
END FRAME	CAST STEEL A-B END CONTACT - WELDED
SPRING	WEST. 32 CENTER 10" WHEELS 1/2" TRAVEL
WHEEL	MULTIPLE WEAR WHEEL STEEL 16" DIA., N-36
WHEEL	10" DIA. 1/2" TRAVEL

MISCELLANEOUS	
ORB CYL. RELEASE VALVE	
EQUIPPED WITH EVANS 1 BELT OF 2-LOADERS	
U.S. GYPSUM RUNNING BEARER	
H.A.L. PEACOCK #1340 DOUBLE ACTING	
BRAKE REGULATOR	
ACF TRAVELER 20" TRAVEL CUSHIONING	
DRIVE	
CARS 81000-81024 HAVE TIMKEN	
AND CARS 81025-81049 HAVE HYATT	
ROLLER BEARINGS	

CLASS		81000-81049	
CLASS		CARS	
100 TON BOX			
NKP			
CLEVELAND OHIO			
REVISIONS			
DR	TR	CH	GROUP NO
			SB
			2



GENERAL DATA
 BUILT BY AMER CAR & FRY
 YEAR BUILT 1964
 CAPACITY LEVEL FULL CU. FT. 6190
 LAPRODIN WHEN IN HOP CU. FT.
 AVERAGE LOAD LIGHT 400 168300
 AVERAGE EMPTY WEIGHT 11000 15400-114 BRG WITH RAILS
 BUILDERS REFERENCE 11-86324
 U. S. SPEC. NO.

CAR BODY DATA
 W. A. S. CO.
 AIR BRAKE SYSTEM WABCO PAC BRAKES - INTX AIR VALVE
 BODY ISOLATED BOLT UP STEEL WELDED
 BODY CENTER PLATE CAST STL. SPECIAL FOR HYDRA-CUSHION
 BODY END BEARING DROP FORGED
 CHASSIS 12 GA. PRESSED STL. BEAM CAPS

CENTER NO. 580 N12C-2-
 CENTER BILL AREA 24-24 SS. W.
 CENTER BILL TRUCK PLATE
 COUPLER 6 7/16 X 8 TYPE LF-SMAY-BOTT. OPER.
 COUPLER RE. LATE RICHMOND S. R. E. M.
 END R. YOUNGSTOWN
 DOOR FEATURES CAMEL
 DOOR CLEAR OPENING 10'-1 1/4" WIDE X 10'-9"
 DRAFT BEAM FRICTION TYPE M-17A-NAT'L C
 DRAFT GEAR ATTACHMENT CAST STL. YORK NO-Y-48
 END S. R. E. M. IMPROVED DRESSHAUGHT
 END LOAD RATE .0461 (SLIDING SILL)
 FLOORING GOWLEC - 2 1/4" THICK MAPLE
 GENERAL DRAWING OF CAR - NO.
 HEAD BRAKE AJAX
 LANDING END END BULKHEADS
 LANDING END RUB RAILS
 ROOF DIAGONAL PANE - 14 GA. C.B. GALV. S. R. E. M. CO

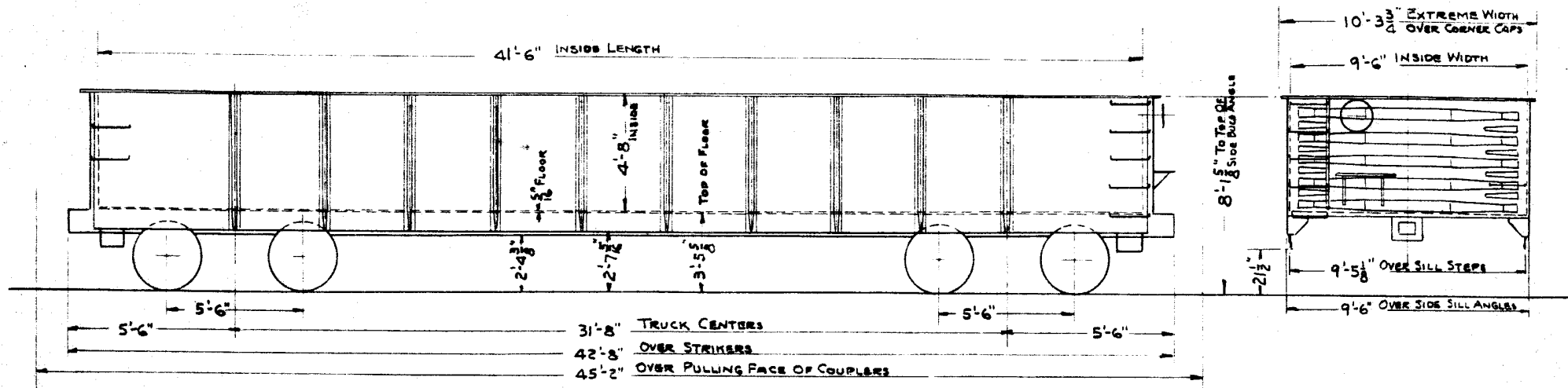
SIDE BEARING CENTER 4'-2 1/2"
 SHEATHING 10 C. D. STEEL
 SUPPORT - ALUM.
 UNDERFRAME STEEL

TRUCK PARTS
 END SILL CAST STL. - FOR BARBER SUNDACK
 BRAKE BEAM WABCO PAC
 BRAKE BEAM SAFETY BRKTS. CAST INTEGRAL WITH SILL
 CENTER PLATE INTEGRAL WITH BOLSTER
 GENERAL DRAWING IN ENGIN. NO.
 JOINTS 6 1/2 X 12 HYATL - ROLLER BRG
 SILL BEARING STUCKI - DOUBLE ROLLER
 SILL FRAME CAST STL. - FOR BARBER SUNDACK
 SPRING NEST 28" OUTER; 16" INNER X 2 1/2" TRAVEL
 WHEELS TWO WEAR - 36" DIA., NO. J-36
 WEIGHT OF GEAR TRAIN 10,200 LBS.

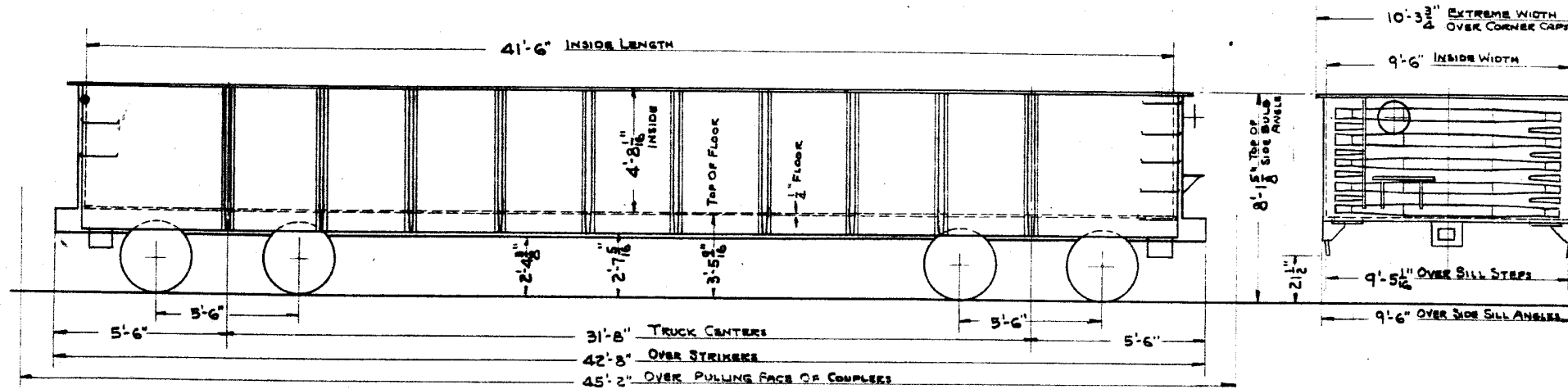
MISCELLANEOUS

- UNDERFRAME CUSHIONING DEVICE ACF FREIGHT SAVER 20" TRAVEL.
- SLIDING SILL - 2-2-26 C 41.2" LANT ROLLED SECTION
FIXED SILL - 2 5/16" X 13 1/8" PRESSED 2 SEC
- FORK LIFT LOAD - 45,000 LBS. MAX. PER AXLE
- CURVE NEGOTIABILITY:
UNCOUPLED - 38°
COUPLED - 27°
- BARBER TRUCK PARTS (S-2A)

CLASS		83100-83137	
CLASS		E 105	
100 TON BOX			
NKP			
CLASSIFICATION			
SHEET NO.			
58	3		



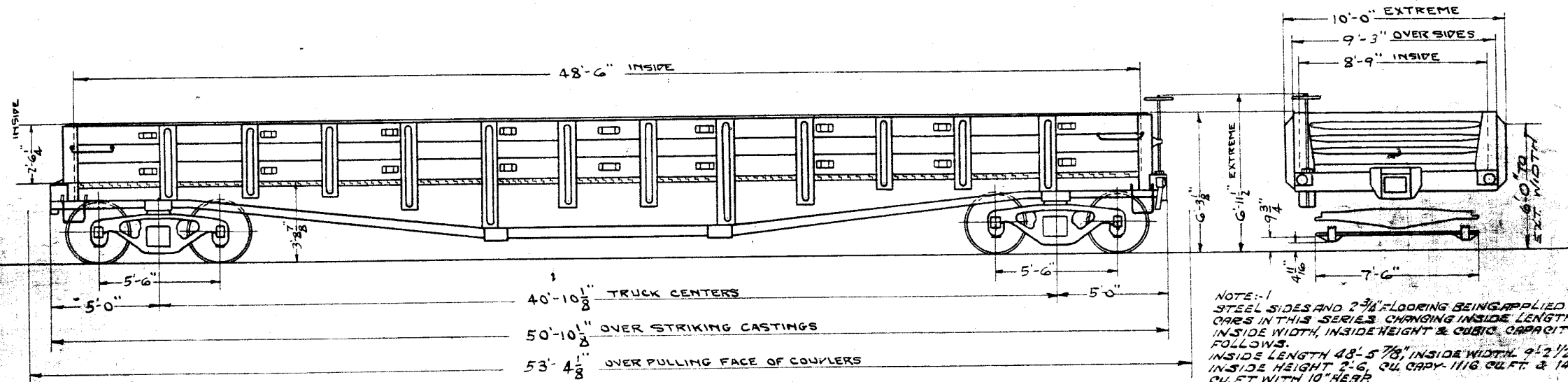
GENERAL DATA		MISCELLANEOUS	
BUILT BY	BETHLEHEM STL. Co. JOHNSTOWN PA.	WLE 45000-45499	45000-45499
YEAR BUILT	FEB. 4, MAR. 1945	CLASS	CARS
CAPACITY LEVEL FULL - CU. FT.	1840	50 TON GONDOLA	
CAPACITY WITH 10 IN. HEAP CU. FT.	2168	N. K. P.	
AVERAGE LOAD LIMIT - LBS.	135300		
AVERAGE LIGHT WEIGHT - LBS.	41700	MECHANICAL DEPARTMENT	
BUILDERS REFERENCE	DF-75	CLEVELAND, OHIO	
R. R. SPEC. NO.	C-149-B	REV. 29 1950	
CAR BODY DATA		REVISIONS	
AIR BRAKE MFG.	W. A. B. Co.	DR	TR
AIR BRAKE SCHEDULE	"AB"	CH	GROUP NO.
BODY BOLSTER	BUILT-UP STEEL	0H ₃	0H ₃
BODY CENTER PLATE	DRAW FORGED	S.S.	6
BODY SIDE BEARING	FORGED AXLE STEEL - HARDENED		
BRAKE STEP	APR. TRI-LOK		
CENTER SILL	A.A.R. ZEE SECTION @ 41.2 LBS. PER FT.	SHEET NO.	
CENTER SILL AREA	24.24 SQ. IN.		1
CENTER SILL COVER PLATE			
COUPLER	A.A.R. "E" 6 1/2" x 8" SHANK		
COUPLER RELEASE RIGGING	S.R.E. Co. BOTT. OPER.		
DOOR			
DOOR FIXTURES			
DOOR CLEAR OPENING			
DRAFT GEAR	SEE "MISCELLANEOUS"		
DRAFT GEAR ATTACHMENT	C. S. YOKE		
ENDS	DREADNAUGHT CORR. STEEL - 5/16" THICK		
END LOAD RATIO	.0461		
FLOORING	5/16" STEEL		
GENERAL DRAWING OF CAR - NO.	WLE 546A		
HAND BRAKE	AJAX		
LINING END			
LINING SIDE			
ROOF			
SIDE BEARING CENTERS	4'-2"		
SHEATHING	1/4" STEEL		
SUPERSTRUCTURE	O. H. STEEL		
UNDERFRAME	O. H. STEEL		
TRUCK DATA			
BOLSTER	CAST STEEL - NATIONAL TYPE "B-1"	DEPART GEAR:	
BRAKE BEAM	A.A.R. NO. 3	CARS 45000-45249 - MINER A-22-XB	
BRAKE BEAM SAFETY	SEE "MISCELLANEOUS"	CARS 45250-45499 - WAUGH 403	
CENTER PLATE	CAST INTEGRAL WITH BOLSTER	BRAKE BEAM SAFETY:	
GENERAL DRAWING OF TRUCK NO.		CARS 45000-45066 - 2 1/2" x 3" x 1/8" ANGLE	
JOURNAL	5 1/2" x 10"	AT BOLSTER CENTER.	
SIDE BEARING	STUCKI - ROLLER	CARS 45067-45499 - LEDGER CAST INTEGRAL	
SIDE FRAME	C.S. INTEGRAL BOX - NATIONAL TYPE "B-1"	WITH SIDE FRAME	
SPRING	A.A.R. D-2 4 DOUBLE COILS PER NEST		
WHEELS	ONE WEAR WROT STEEL		
WEIGHT OF ONE TRUCK			
CENTER PLATE HEIGHT	2'-1 3/4"		



NOTE - 1: CAR 46465 EQUIPPED WITH NATIONAL "B" TRUCKS FROM 20500 SERIES.

CARS	BUILT BY	YEAR BLD.	BLDRS. REF.	SHEATHING	SUPERSTRUCTURE	UNDERFRAME	BRAKE BEAM
45500-46249	RALSTON STL. CAR CO.	1946	C-2564	3/32 COR-TEN	COR-TEN & CARB. STL.	COR-TEN & CARB. STL.	A.A.R. No. 3
46250-46749	BETHLEHEM STL. CO.	1948	DF-122	3/32 MAYARI-R	MAYARI-R & CARB. STL.	MAYARI-R & CARB. STL.	UNIT TYPE

GENERAL DATA		CENTER SILL A.A.R. ZEE SECTION @ 41.2 LBS. PER FT.		SIDE BEARING CENTERS 4'-2"		MISCELLANEOUS	
BUILT BY	SEE TABLE	CENTER SILL AREA	24.24 SQ. IN.	SHEATHING	SEE TABLE	BRAKE STEP:	WLE 45500-46749 45500-46749
YEAR BUILT	SEE TABLE	CENTER SILL COVER PLATE		SUPERSTRUCTURE	SEE TABLE	CARS 45500-46249 - APX TEL-LAX	CLASS
CAPACITY LEVEL FULL - CU. FT.	1842	COUPLER	A.A.R. "E" 6 1/4" x 8" SHANK	UNDERFRAME	SEE TABLE	CARS 46250-46749 - U.S. GYPSUM	CARS
CAPACITY WITH 10 IN. HEAP CU. FT.	2170	COUPLER RELEASE RIGGING	S.R.E. Co. BOTT. OPER.	TRUCK DATA		DRAFT GEAR:	50 TON GONDOLA
AVERAGE LOAD LIMIT - LBS.	136200	DOOR		BOLSTER	CAST STEEL - A.S.F. BASIC (NOTE-1)	CARS 45500-45799 - CARB. NY-11-F	N. K. P.
AVERAGE LIGHT WEIGHT - LBS.	40800	DOOR FIXTURES		BRAKE BEAM	SEE TABLE	CARS 45800-46099 - WAUGH 403	
BUILDERS REFERENCE	SEE TABLE	DOOR CLEAR OPENING		BRAKE BEAM SAFETY	SEE "MISCELLANEOUS"	CARS 46100-46249 - PEARLINA H-1-B	MECHANICAL DEPARTMENT
R. R. SPEC. NO.	C-181-A AND C-157-A	DRAFT GEAR	SEE MISCELLANEOUS	CENTER PLATE	CAST INTEGRAL WITH BOLSTER	CARS 46250-46649 - MINER A-22-AL	CLEVELAND, OHIO
CAR BODY DATA		DRAFT GEAR ATTACHMENT	C.S. YOKE	GENERAL DRAWING OF TRUCK NO.		CARS 46650-46749 - WAUGH 403-A	DEC. 29 1950
AIR BRAKE MFG.	W.A.B. Co.	ENDS	DREADNAUGHT - CARB. COR-TEN 5/16 IN.	JOURNAL	5 1/2" x 10"	REVISIONS	
AIR BRAKE SCHEDULE	"AB"	END LOAD RATIO	.0461	SIDE BEARING	STUCKI ROLLER	DR TR CH GROUP NO. SHEET NO.	
BODY BOLSTER	BUILT-UP STEEL	FLOORING	1/2 COR-TEN 45500-46249; MAYARI-R 46250-46749	SIDE FRAME	CAST STEEL A.S.F. BASIC INT. BOX	CARS 45500-46249 LEDGES CAST INTEGRAL WITH SIDE FRAME	
BODY CENTER PLATE	DROP FORGED	GENERAL DRAWING OF CAR - NO. WLE 5700 & 6018		SPRING	FOUR A.A.R. D-2 DOUBLE COIL PER NEST	CARS 46250-46749 UNIT GUIDES CAST INTEGRAL WITH SIDE FRAME	
BODY SIDE BEARING	FORGED AXLE STEEL - HARCENED	HAND BRAKE	AJAX	WHEELS	CAST IRON	0H5 0H3 S.S. 6 2	
		LINING END		WEIGHT OF ONE TRUCK			
		LINING SIDE		CENTER PLATE HEIGHT	2'-1 1/4"		
		ROOF					

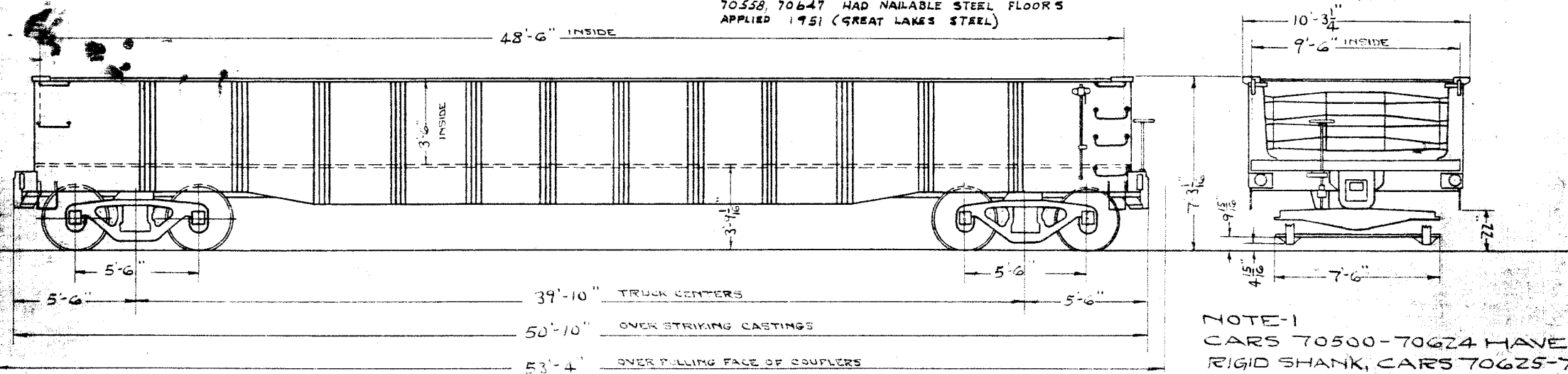


GENERAL DATA		MISCELLANEOUS		SEE NOTE:-1	70000-70499
BUILT BY - STL STEEL CAR CO.	CENTER SILL - BUILT UP PLATES AND ANGLES	SIDE BEARING CENTERS - 5'-0"		CLASS	CARS
YEAR BUILT - 1923 SEE NOTE:-1	CENTER SILL AREA - 3849 SQ. IN.	SHEATHING - 3" X 10" SQ. EDGE PLANKS SEE NOTE:-1		50 TON D.E. GONDOLA	
CAPACITY LEVEL FULL - CU. FT. - 1070 SEE NOTE:-1	CENTER SILL COVER PLATE - 20 1/2" X 1 1/2"	SUPERSTRUCTURE - COMPOSITE SEE NOTE:-1		N.K.P.	
CAPACITY WITH 10 IN. HEAP CU. FT. - 1423 "	COUPLER - ARA TYPE 'D' 6 X 8	UNDERFRAME - STEEL - FB. TYPE		ADVISORY MECHANICAL COMMITTEE	
AVERAGE LOAD LIMIT - LBS. - 127000	COUPLER RELEASE RIGGING - IMPERIAL TYPE - B			CLEVELAND, OHIO	
AVERAGE LIGHT WEIGHT - LBS. - 49400	DOOR			APR. 13, 1933	
BUILDERS REFERENCE	DOOR FIXTURES	TRUCK DATA		REVISIONS	
R. R. SPEC. NO. 371	DOOR CLEAR OPENING	BOLSTER - CAST STEEL - PATT A-852		15/21/37	
	DRAFT GEAR - MINER A-18-S-2	BRAKE BEAM - NO. 2 +		17/12/37	
	DRAFT GEAR ATTACHMENT - FARLOW	BRAKE BEAM SAFETY - CRECO 4 POINT		18/12/37	
	ENDS - MURPHY DROP ENDS	CENTER PLATE - CAST INTEGRAL		19/12/37	
	END LOAD RATIO - .030	GENERAL DRAWING OF TRUCK NO.		20/12/37	
	FLOORING - 1/2" SHIP LAP SEE NOTE:-1	JOURNAL - 5 1/2" X 10"		21/12/37	
	GENERAL DRAWING OF CAR NO. - 137-11-187	SIDE BEARING - STEEL PLATE		22/12/37	
	HAND BRAKE - WHEEL & SHAFT - PLAIN	SIDE FRAME - CAST STEEL - PATT. A-851		23/12/37	
	LINING END	SPRING - ARA STD. TYPE - D		24/12/37	
	LINING SIDE	WHEELS - 33" DIA. CAST IRON		25/12/37	
	ROOF	WEIGHT OF ONE TRUCK 7850#		26/12/37	
		CENTER PLATE HEIGHT - 2'-2 3/4"		27/12/37	
				28/12/37	
				29/12/37	
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				99/12/37	
				100/12/37	

CAR 70707 HAS NAILABLE STEEL FLOOR APPLIED 9-49 (GREAT LAKES STEEL)
 CARS 70652, 70740, 70637, 70570, 70644, 70558, 70647 HAD NAILABLE STEEL FLOORS APPLIED 1951 (GREAT LAKES STEEL)

NOTE-2
 50 CARS FROM THIS SERIES RENUMBERED 75000 TO 75049 AND TRUCKS REPLACED WITH 70 TON TRUCKS FOR HANDLING DOLOMITE CONTAINERS.

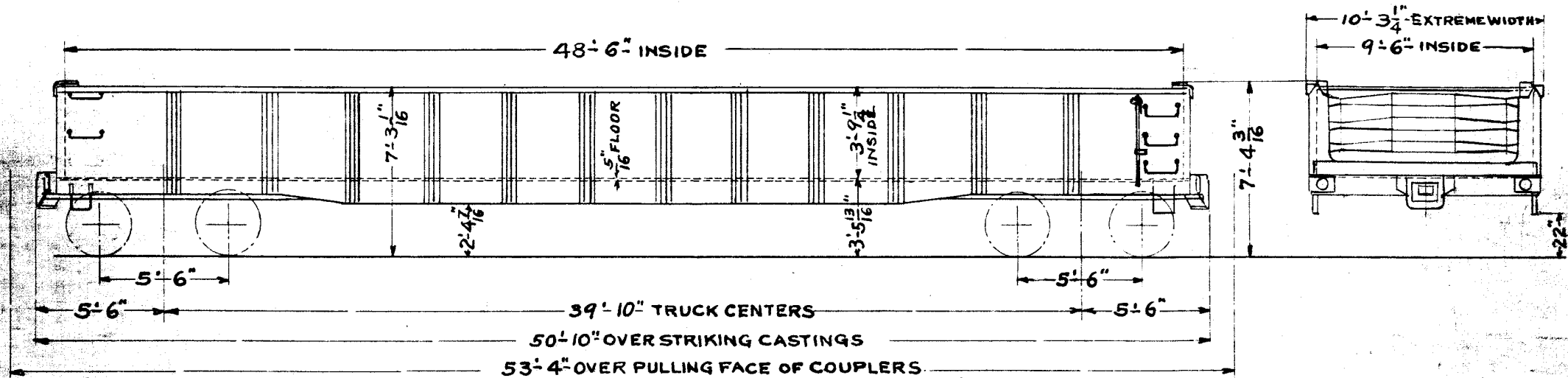
NOTE-3
 CARS EQUIPPED WITH "AB" BRAKES 70522, 70527, 70553, 70630, 70644, 70645, 70744 JULY 1940



NOTE-1
 CARS 70500-70624 HAVE 6"X8" RIGID SHANK, CARS 70625-70749 HAVE SWIVEL BUTT TYPE "D"

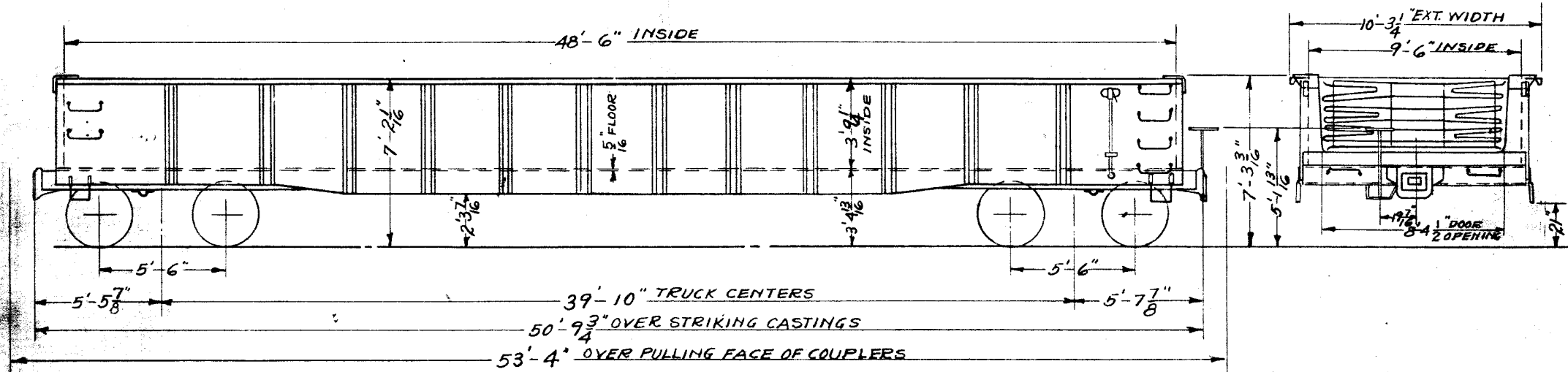
GENERAL DATA		MISCELLANEOUS													
BUILT BY ACAC CO. MADISON, ILL.	CENTER SILL 2-ARA STD SEC. 12" 40.34	SHEATHING													
YEAR BUILT - 1929	CENTER SILL AREA - 27.68 SQ. IN.	SUPERSTRUCTURE - STEEL													
CAPACITY LEVEL FULL CU. FT. - 1613	CENTER SILL COVER PLATE 5/16" X 20 1/2"	UNDERFRAME - STEEL													
CAPACITY WITH 10 IN. HEAP CU. FT. - 1997	COUPLER - SEE NOTE-1														
AVERAGE LOAD LIMIT - LBS. - 129050	COUPLER RELEASE NIGGINS - IMPERIAL TYPE "B"	TRUCK DATA													
AVERAGE LIGHT WEIGHT - LBS. - 47950	DOOR	BOLSTER - CAST STEEL													
BUILDERS REFERENCE - 407 958	DOOR FIXTURES	BRAKE BEAM - ARA NO. 1+													
R. R. SPEC. NO. - N.K.P. 39A	DOOR CLEAR OPENING	BRAKE BEAM SAFETY - CRECO 4 POINT													
	DRAFT GEAR - FRICTION - DURABLE A-1	CENTER PLATE - CAST INTEGRAL													
	DRAFT GEAR ATTACHMENT - FARLOW	GENERAL DRAWING OF TRUCK NO. - 14383-E													
	ENDS - DREADNAUGHT DROP END	JOURNAL 5 1/2" X 10"													
	END LOAD RATIO - 0.43	SIDE BEARING - WOODS ROLLER TYPE													
	FLOORING - 2 3/8" YELLOW PINE S.L.	SIDE FRAMING - CAST STEEL													
	GENERAL DRAWING OF CAR NO. 139-11-170	SPRING - FROST FRICTION ARA													
	HAND BRAKE - URECO - DROP SHAFT	WHEELS 33" DIA. ONE NEAR STEEL													
	LINING END	WEIGHT OF CAR - 7240#													
	LINING SIDE	CENTER PLATE HEIGHT - 21 1/2 3/16"													
	ROOF														
CAR BODY DATA															
AIR BRAKE MFG. - N.Y.A.B. CO.															
AIR BRAKE SCHEDULE - KC101Z SEE NOTE-3															
BODY BOLSTER - BUILT UP STEEL															
BODY CENTER PLATE - CAST STEEL															
BODY SIDE BEARING - HARDENED STEEL PLATE															
CAR LINES															
		70500-70749													
		CLASS CARS													
		50 TON D.E. GONDOLA													
		N.K.P.													
		ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO MAR. 9 1933													
		REVISIONS													
		<table border="1"> <tr> <td>NO.</td> <td>DATE</td> <td>BY</td> <td>REVISION</td> </tr> <tr> <td>1</td> <td>10-21-27</td> <td>11-10-11</td> <td></td> </tr> <tr> <td>2</td> <td>41</td> <td>46</td> <td>51 52</td> </tr> </table>		NO.	DATE	BY	REVISION	1	10-21-27	11-10-11		2	41	46	51 52
NO.	DATE	BY	REVISION												
1	10-21-27	11-10-11													
2	41	46	51 52												
		SHEET NO.													
		6 5													

NOTE: - 1
20 CARS IN THIS SERIES HAD BLOCKING AND
70 TON TRUCKS APPLIED AND RENUMBERED
75050-75069.

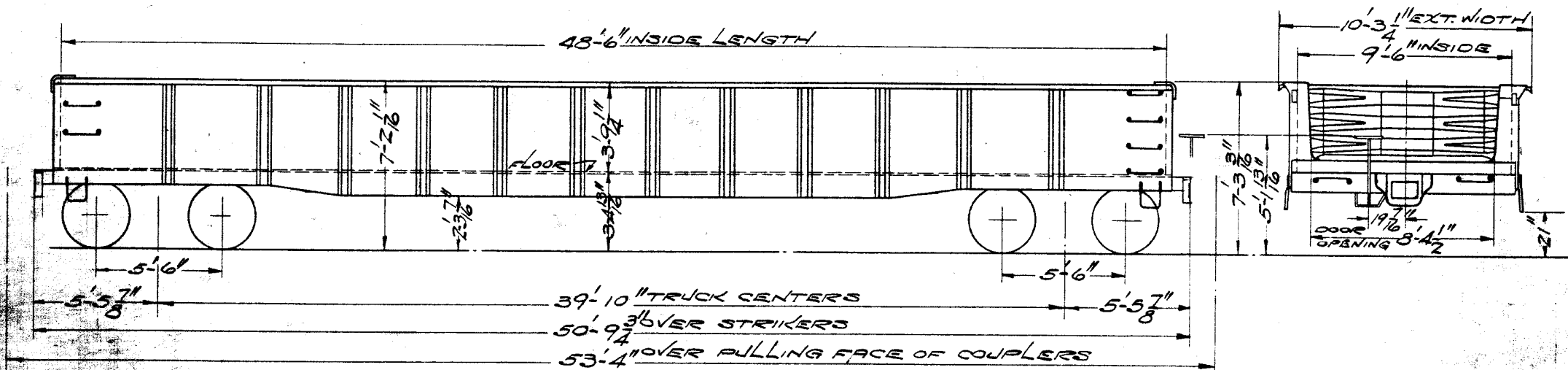


GENERAL DATA		MISCELLANEOUS											
BUILT BY BETHLEHEM STEEL CO.	CENTER SILL - Z-ARA STD. SEC. 12" 40.3 LBS	SIDE BEARING CENTERS 4'-2"											
YEAR BUILT 1934	CENTER SILL AREA - 30.75 SQ. IN.	SHEATHING											
CAPACITY LEVEL FULL - CU. FT. - 1737	CENTER SILL COVER PLATE - 3/8" X 19 1/2"	SUPPERSTRUCTURE STEEL											
CAPACITY WITH 10 IN. HEAP CU. FT. - 2100	COUPLER TYPE E, SWIVEL SHANK	UNDERFRAME STEEL											
AVERAGE LOAD LIMIT - LBS. - 120700	COUPLER RELEASE RIGGING BOTT. OPER												
AVERAGE LIGHT WEIGHT - LBS. - 50300	DOOR	TRUCK DATA											
BUILDERS REFERENCE 7343	DOOR FIXTURES	BOLSTER - CAST STEEL											
R. R. SPEC. NO. A.M.C. - 8-CFBQ	DOOR CLEAR OPENING	BRAKE BEAM ARA. No. 15											
	DRAFT GEAR CARD. - WEST. NY - 11 - E	BRAKE BEAM SAFETY 4 POINT SUPPORT, DAVIS											
	DRAFT GEAR ATTACHMENT - SWIVEL BUTT YOKE	CENTER PLATE - CAST INTEGRAL											
	ENDS DREADNAUGHT	GENERAL DRAWING OF TRUCK NO. - 134-4-67											
	END LOAD RATIO - .0353	JOURNAL 5 1/2" X 10"											
	FLOORING STEEL 5/16"	SIDE BEARING WOODS											
	GENERAL DRAWING OF CAR NO. - 139-10-232	SIDE FRAME - CAST STEEL											
	HAND BRAKE MULTI-POWER DROP SHAFT.	SPRING ARA. 1913 CLASS - D "											
	LINING END	WHEELS - 33" DIA. CAST IRON											
	LINING SIDE	WEIGHT OF ONE TRUCK 7850											
	ROOF	CENTER PLATE HEIGHT 2'-2 3/4"											
CAR BODY DATA													
AIR BRAKE MFG. N.Y.A.B. Co.													
AIR BRAKE SCHEDULE TYPE "AB"													
BODY BOLSTER - BUILT UP STEEL													
BODY CENTER PLATE - DROP FORGED													
BODY SIDE BEARING - HARDENED STEEL PLATE													
CAR LINES													
			71000-71674										
			CLASS CARS										
			50 TON D.E. GONDOLA										
			N.K.P.										
			ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JUNE 29, 1934										
			REVISIONS										
			<table border="1"> <tr> <td>DR</td> <td>TR</td> <td>CH</td> <td>GROUP NO.</td> <td>SHEET NO.</td> </tr> <tr> <td></td> <td></td> <td></td> <td>6</td> <td>6</td> </tr> </table>	DR	TR	CH	GROUP NO.	SHEET NO.				6	6
DR	TR	CH	GROUP NO.	SHEET NO.									
			6	6									

NOTE: -1-71675-71774 R.R.#15 WITH
C.STEEL HEADS.
71775-71874 R.R. WITH
M.I. HEADS & WEAR PLATES



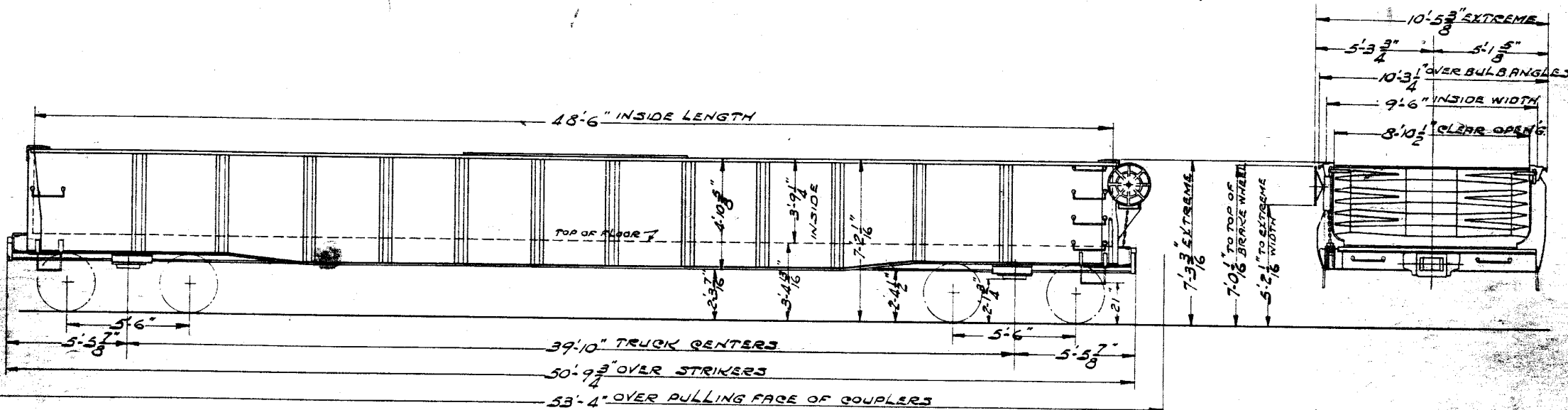
GENERAL DATA			MISCELLANEOUS		71675 - 71874	
BUILT BY — <i>BETHS. CO. JOHNSTOWN PA.</i>	CENTER SILL — <i>R.R.# 40.3# CHANNEL</i>	SIDE BEARING CENTERS — <i>4'-2"</i>			CLASS	CARS
YEAR BUILT — <i>SEPT. 1936</i>	CENTER SILL AREA — <i>30.75 SQ. IN.</i>	SHEATHING			50 TON D.E. GONDOLA	
CAPACITY LEVEL FULL — <i>CU. FT. - 1737</i>	CENTER SILL COVER PLATE — <i>3/8" x 19 1/2"</i>	SUPERSTRUCTURE — <i>STEEL</i>			N.K.P.	
CAPACITY WITH 10 IN. HEAP CU. FT. — <i>2100</i>	COUPLER — <i>R.R. TYPE "E" C.S. 6 1/4" X 8" SHANK</i>	UNDERFRAME — <i>STEEL</i>			ADVISORY MECHANICAL COMMITTEE	
AVERAGE LOAD LIMIT — <i>LBS. - 126900</i>	COUPLER RELEASE RIGGING — <i>U.M.R. CO. BOTTS. OPERAT'G</i>				CLEVELAND, OHIO DEC. - 15 - 1936	
AVERAGE LIGHT WEIGHT — <i>LBS. - 50100</i>	DOOR				REVISIONS	
BUILDERS REFERENCE — <i>OF 4349</i>	DOOR FIXTURES	TRUCK DATA			DR	TR
R. R. SPEC. NO. — <i>10-CFBG</i>		BOLSTER — <i>C.S. DOUBLE TRUSS</i>			L.H.M.	L.H.M.
		BRAKE BEAM — <i>SEE NOTE:- 1.</i>			C.M.S.	
		BRAKE BEAM SAFETY — <i>CRECO 4 POINT</i>				
		CENTER PLATE — <i>C.S. INTEGRAL</i>			GROUP NO.	SHEET NO.
		GENERAL DRAWING OF TRUCK NO. <i>184-4-78</i>			6	7
		JOURNAL — <i>5/8" X 10"</i>				
		SIDE BEARING — <i>STUCKI</i>				
		SIDE FRAME — <i>C.S. DOUBLE TRUSS INTEGRAL AXLE TYPE</i>				
		SPRING — <i>R.R. 1915 6 OUTER & 4 INNER PER NEST</i>				
		WHEELS — <i>SINGLE PLATE C. IRON</i>				
		WEIGHT OF ONE TRUCK — <i>7980#</i>				
		CENTER PLATE HEIGHT — <i>2-13/16"</i>				
CAR BODY DATA						
AIR BRAKE MFG. — <i>N.Y.R.R. CO</i>						
AIR BRAKE SCHEDULE — <i>"AB"</i>						
BODY BOLSTER — <i>PRESSED STEEL</i>						
BODY CENTER PLATE — <i>D.F.</i>						
BODY SIDE BEARING — <i>AXLE STEEL</i>						
CARLINES						



72625-72824	G.A.T. CO. & S. CHRYSLER IND.	SEPT-OCT.	128000	49000	BO-2834	WAB. CO.	NATIONAL M-17-A	UNIVERSAL DROP SHAFT	DEE CO 4 POINT	33" DIA. ONE WEAR WEST STEEL	7320*
72375-72624	P.S. CO. MFG. CO. HIGH CITY IND.	1940	127000	50000	LOT 5634	NYAB. CO.	MINER A-22-2B	EQUIPCO DROP SHAFT	GRIP NUT CO.	33" DIA. C. 120N SINGLE P.L.T. 750*	7850*
72125-72374	A.C. & F. CO.	APRIL & MAY 1937	127000	50000	LOT 1641	WAB. CO.	NATIONAL M-17-A	DEE CO DROP SHAFT	DAVIS 4 POINT	33" DIA. C. 120N SINGLE P.L.T. 750*	7350*
71875-72124	BEWICK PA.						WESTINGHOUSE NY-11-E	UNIVERSAL DROP SHAFT	GRIP NUT CO.		
DATA	BUILT BY	YEAR BUILT	AVERAGE LG. LMT.	AVERAGE LGT. WGT.	BUILDERS REFERENCE	AIR BRAKE MFG.	DRAFT GEAR	HAND BRAKE	BRAKE BEAM SAFETY	WHEELS	TRUCK WGT.

GENERAL DATA		TRUCK DATA		MISCELLANEOUS	
BUILT BY - SEE TABLE	CENTER SILL - ARR 12" 40.3 CHANN.	SIDE BEARING CENTERS - 4'-2"			
YEAR BUILT - SEE TABLE	CENTER SILL AREA - 39.75 SQ. IN.	SHEATHING - 1/4" C.B.S.			
CAPACITY LEVEL FULL - CU. FT. - 1737	CENTER SILL COVER PLATE - 3/4" X 19 1/2"	SUPERSTRUCTURE - STEEL			
CAPACITY WITH 10 IN. HEAP CU. FT. - 2100	COUPLER - ARR TYPE # 6 1/4" X 1 1/2" SHANK	UNDERFRAME - STEEL			
AVERAGE LOAD LIMIT - LBS. - SEE TABLE	COUPLER RELEASE RIGGING - ST. B. & S. CO. PAT. 2,027,927				
AVERAGE LIGHT WEIGHT - LBS. - SEE TABLE	DOOR -				
BUILDERS REFERENCE - SEE TABLE	DOOR FIXTURES -				
R. R. SPEC. NO. - 10 OF 59	DOOR CLEAR OPENING -				
	DRAFT GEAR - SEE TABLE				
	DRAFT GEAR ATTACHMENT - C.S. YOILE				
	ENDS - 5/16" C.B.S. DEEP DRAUGHT				
	END LOAD RATIO - ARR 3353				
	FLOORING - 5/16" C.B.S.				
	GENERAL DRAWING OF CAR - NO. 139-11-285				
	HAND BRAKE - SEE TABLE				
	LINING END -				
	LINING SIDE -				
	ROOF -				

71875-72824	
CLASS	CARS
50 TON D.E. GONDOLA	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO	
JULY 14, 1937	
REVISIONS	
DR	TR
CH	GROUP NO.
SHEET NO.	



72925-73074	49300	127700	MINER A-22-X8	RR 33" DIA. ONE WEAR WROT STEEL	7300"
72825-72924	50700	126300	CARD. WESTINGHOUSE NY-11-2	RR 33" DIA. 8 IRON SINGLE PLT 750"	7360"
CARS	AVERAGE LT. WGT.	AVERAGE LO. LMT	DRAFT GEARS	WHEELS	TRUCK WGT.

GENERAL DATA
 BUILT BY - GREENVILLE S.C. CO. GREENVILLE, PA.
 YEAR BUILT - MAY TO JUNE 1942
 CAPACITY LEVEL FULL - CU. FT. - 1737
 CAPACITY WITH 10 IN. HEAP CU. FT. - 2122
 AVERAGE LOAD LIMIT - LBS. - SEE TABLE
 AVERAGE LIGHT WEIGHT - LBS. - SEE TABLE
 BUILDERS REFERENCE - LOT 339
 R. R. SPEC. NO. - 10-CFBG

CAR BODY DATA
 AIR BRAKE MFG. - SEE NOTE-1
 AIR BRAKE SCHEDULE - "AB" 10" X 1 1/2"
 BODY BOLSTER - BUILT UP STEEL
 BODY CENTER PLATE - DROP FORGED
 BODY SIDE BEARING - HARDENED STEEL
 CAR LINES

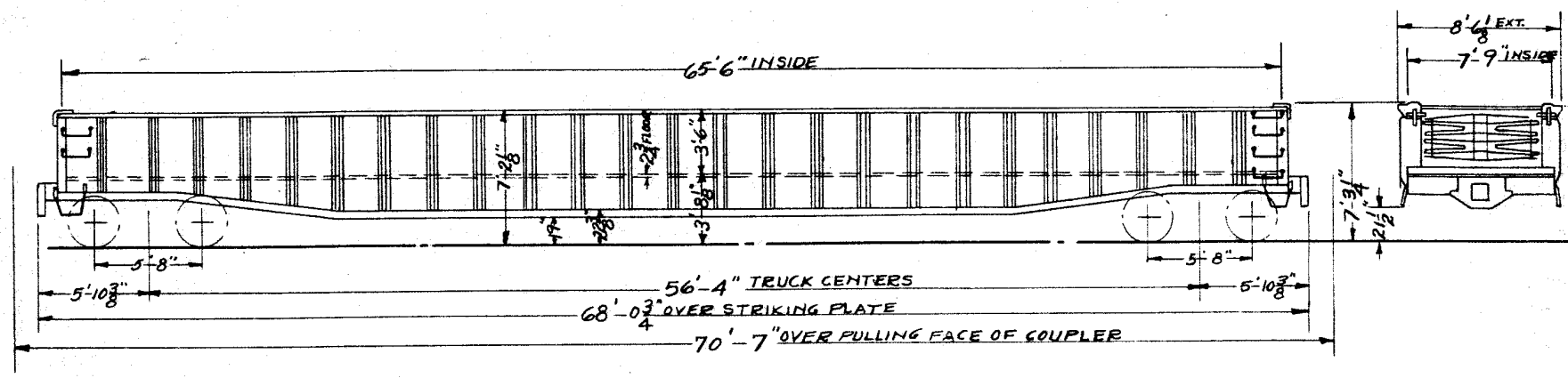
CENTER SILL - 2-RR CHAIN T. SEC. 40.3" PER FG.
 CENTER SILL AREA - 30.75 SQ. IN.
 CENTER SILL COVER PLATE - 19 1/2" X 3/4"
 COUPLER RR TYPE 2 - 6 1/4" X 8" BOTH OPER. TG.
 COUPLER RELEASE RIGGING - STD. BY EXPT. CO. BOT. OPER. TG.
 DOOR
 DOOR FIXTURES
 DOOR CLEAR OPENING
 DRAFT GEAR - SEE TABLE
 DRAFT GEAR ATTACHMENT - O.S. YOKE
 ENDS DROP - DREADNAUGHT 5/16" CB. STEEL
 END LOAD RATIO - .0353
 FLOORING - 5/16" CB STEEL
 GENERAL DRAWING OF CAR - NO. 139-11-455
 HAND BRAKE - AJAX
 LINING END
 LINING SIDE
 ROOF

SIDE BEARING CENTERS - 4'-2"
 SHEATHING - 1/4" CB STEEL
 SUPERSTRUCTURE - STEEL
 UNDERFRAME - STEEL
TRUCK DATA
 BOLSTER - CAST STEEL DOUBLE TRUSS
 BRAKE BEAM - RR NO. 15
 BRAKE BEAM SAFETY - CRECO 3-POINT
 CENTER PLATE - CAST INTEGRAL
 GENERAL DRAWING OF TRUCK NO.
 JOURNAL - 3 1/2" X 10"
 SIDE BEARING - STUCKI ROLLER TYPE
 SIDE FRAME - C.S. DOUBLE TRUSS INTEGRAL BOX
 SPRING - RR COIL 1913 DESIGN OUTER DINNER PER WEST.
 WHEELS - SEE TABLE
 WEIGHT OF ONE TRUCK - SEE TABLE
 CTR. PLT. HGT. - 2'-13/4"

MISCELLANEOUS
 NOTE: - 1 CARS 72825-72899 ARE EQUIPPED WITH NEW YORK AIR BRAKES.
 CARS 72900-73074 ARE EQUIPPED WITH WESTINGHOUSE AIR BRAKES.

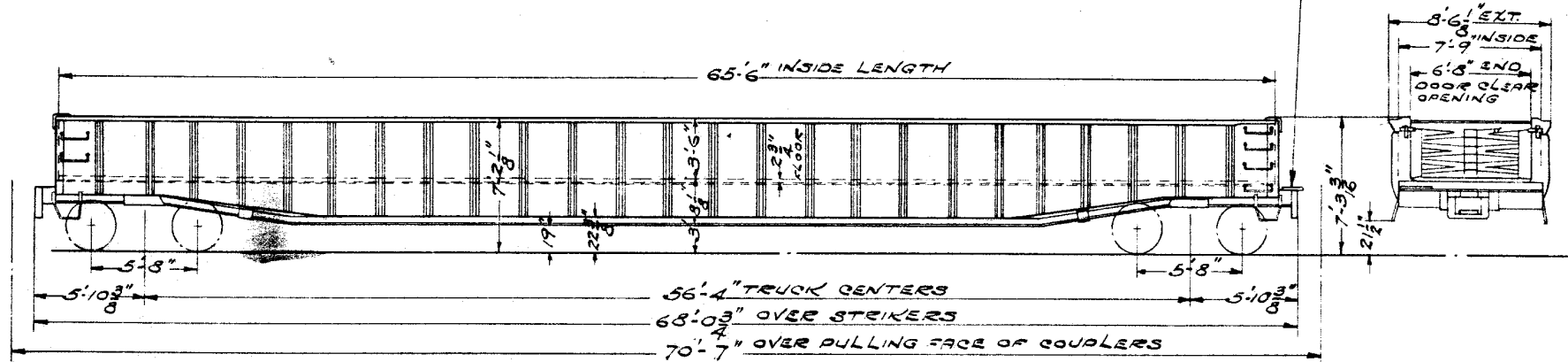
72825-73074	
CLASS	CARS
50-TON D.E. GONDOLA	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO: JULY 17, 1942	
REVISIONS	
11-17 42	
TR	CH
63	64
GROUP No.	SHEET No.
6	9

23° MAX. CURVE, TWO CARS COUPLED TOGETHER



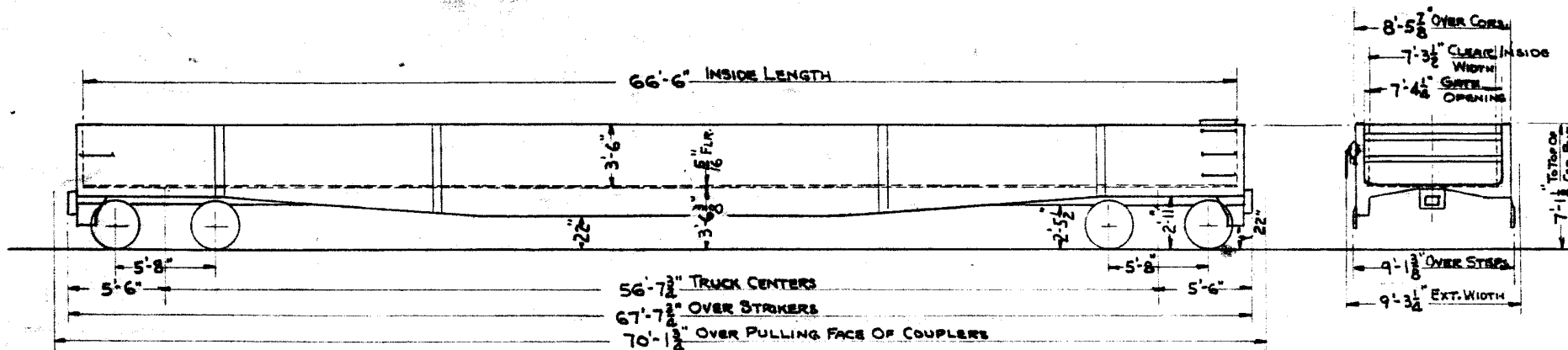
GENERAL DATA BUILT BY - BETHLEHEM - JOHNSTOWN, PA. YEAR BUILT - NOV. 1936. CAPACITY LEVEL FULL - CU. FT. - 1776. CAPACITY WITH 10 IN. HEAP CU. FT. - 2199. AVERAGE LOAD LIMIT - LBS. - 153100. AVERAGE LIGHT WEIGHT - LBS. - 66900. BUILDERS REFERENCE - DF-8391. R. R. SPEC. NO. - 11-CFBG.		CAR BODY DATA AIR BRAKE MFG. - N.Y.A.B.Co AIR BRAKE SCHEDULE - "A" BODY BOLSTER - BUILT UP STEEL. BODY CENTER PLATE - D-FORGED. BODY SIDR BEARING - AXLE STEEL. CARLINES		CENTER SILL - BUILT UP STEEL. CENTER SILL AREA - 48.73 SQ. IN. CENTER SILL COVER PLATE - 3/8" X 26". COUPLER - R.R.A. TYPE "E" 6" X 8" SHANK. COUPLER RELEASE RIGGING - U.M.P.Co. BOT. OPERATING. DOOR DOOR FIXTURES DOOR CLEAR OPENING DRAFT GEAR - NATIONAL M-17-A. DRAFT GEAR ATTACHMENT - R.R. C.S. YOKE. ENDS - 5/16 DREADNAUGHT C.B. STEEL. END LOAD RATIO - .0395 FLOORING - 2 3/4" GENERAL DRAWING OF CAR NO. 139-11-292 HAND BRAKE - UNIVERSAL MULTI-POWER DROP SHAFT. LINING END LINING SIDE ROOF		TRUCK DATA BOLSTER - C.S. DOUBLE TRUSS. BRAKE BEAM - R.R. NO. 3. MALL HEADS WITH STEEL WEAR PLTS. BRAKE BEAM SAFETY - CRECO - 4-POINT. CENTER PLATE - C.S. INTEGRAL. GENERAL DRAWING OF TRUCK NO. - 134-4-85 JOURNAL - 6X11" SIDE BEARING - STUCKI SIDE FRAME - C.S. DOUBLE TRUSS INTEGRAL BOX. SPRING - R.R. 1915 COIL - 7-INNER & 7-OUTER PER NEST. WHEELS - W.S. MULTIPLE WEAR. WEIGHT OF ONE TRUCK - 9250# CENTER PLATE HEIGHT - 2'-1 3/4"		MISCELLANEOUS		65000-65024 CLASS CARS 70 TON D.E. GONDOLA N.K.P. ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO DEC.-15-1936							
REVISIONS																	
<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.H.</td> <td>L.H.</td> <td>C.M.S.</td> <td>7</td> <td>1</td> </tr> </table>								DR	TR	CH	GROUP NO.	SHEET NO.	L.H.	L.H.	C.M.S.	7	1
DR	TR	CH	GROUP NO.	SHEET NO.													
L.H.	L.H.	C.M.S.	7	1													

NOTE:- APEX TRI-LOK SAFETY
METAL BRAKE STEP.

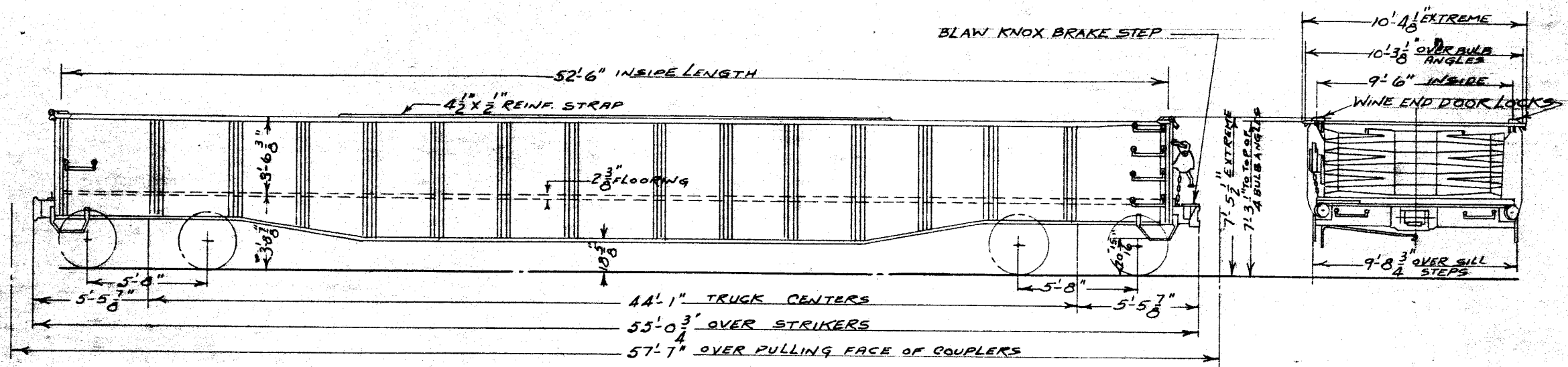


GENERAL DATA		MISCELLANEOUS	
BUILT BY - BETH S. CO. JENKINTOWN PA.	CENTER SILL - BUILT UP STEEL	NOTE:- 1 - SPRINGS -	65025-65074
YEAR BUILT - OCT. 1940	CENTER SILL AREA - 43.73 SQ. IN.	ARR 1915 DESIGN COIL 7-OUTER	CLASS CARS
CAPACITY LEVEL FULL - CU. FT. - 1776	CENTER SILL COVER PLATE - 26" X 3/8"	AND 7- INNER PER NEST.	70 TON D.E. GONDOLA
CAPACITY WITH 10 IN. HEAP CU. FT. - 2199	COUPLER - ARR TYPE 6 1/4" X 8" SWIVEL SHANK		N.K.P.
AVERAGE LOAD LIMIT - LBS. - 153400	COUPLER RELEASE RIGGING - STARK OPT. CO. BOTH OPERING		ADVISORY MECHANICAL COMMITTEE
AVERAGE LIGHT WEIGHT - LBS. - 66600	DOOR END - DREADNAUGHT 3/16" STEEL		CLEVELAND, OHIO NOV. 14, 1940
BUILDERS REFERENCE - DF-3	DOOR FIXTURES	TRUCK DATA	REVISIONS
R. R. SPEC. NO. - 11 Q58G	DOOR CLEAR OPENING END - 6'-8" CLEAR WIDTH	BOLSTER - C.S. DOUBLE TRUSS	
	DRAFT GEAR - CARO. WESTCHSE NY-11-FRICTION	BRAKE BEAM - ARR No. 3	
	DRAFT GEAR ATTACHMENT - C.S. YOKES	BRAKE BEAM SAFETY - DR300 4 POINT	
	ENDS - 3/16" DREADNAUGHT DROP END	CENTER PLATE - CAST INTEGRAL	
	END LOAD RATIO - .0395	GENERAL DRAWING OF TRUCK NO.	
	FLOORING - 2 3/4"	JOURNAL - 6" X 11"	
CAR BODY DATA	GENERAL DRAWING OF CAR - NO. 139-10-342	SIDE BEARING - STUCKI ROLLER TYPE	
AIR BRAKE MFG. - W.A.B. Co.	HAND BRAKE - EQUIPCO DROP SHAFT	SIDE FRAME - C.S. DOUBLE TRUSS INTEGRAL BOX TYPE	
AIR BRAKE SCHEDULE - "AB" 10" X 12"	LINING END	SPRING - SEE NOTE:- 1	
BODY BOLSTER - BUILT UP STEEL	LINING SIDE	WHEELS - 33" DIA. TW.W.S.	
BODY CENTER PLATE - DROP FORGED	ROOF	WEIGHT OF ONE TRUCK - 3600 #	
BODY SIDE BEARING - HARDENED STEEL WEDGES		CENTER PLATE HEIGHT - 2'-1 3/4"	
CAR LINES			

DR	TR	CH	GROUP NO.	SHEET NO.
JG	JG	AB	7	2



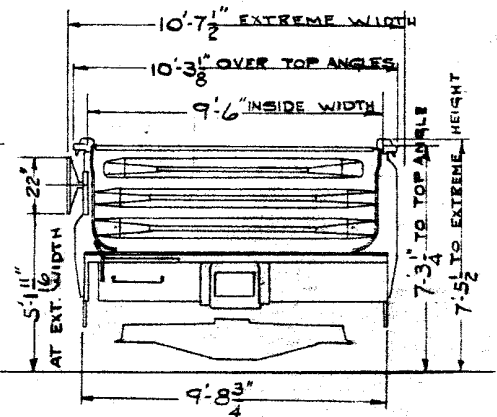
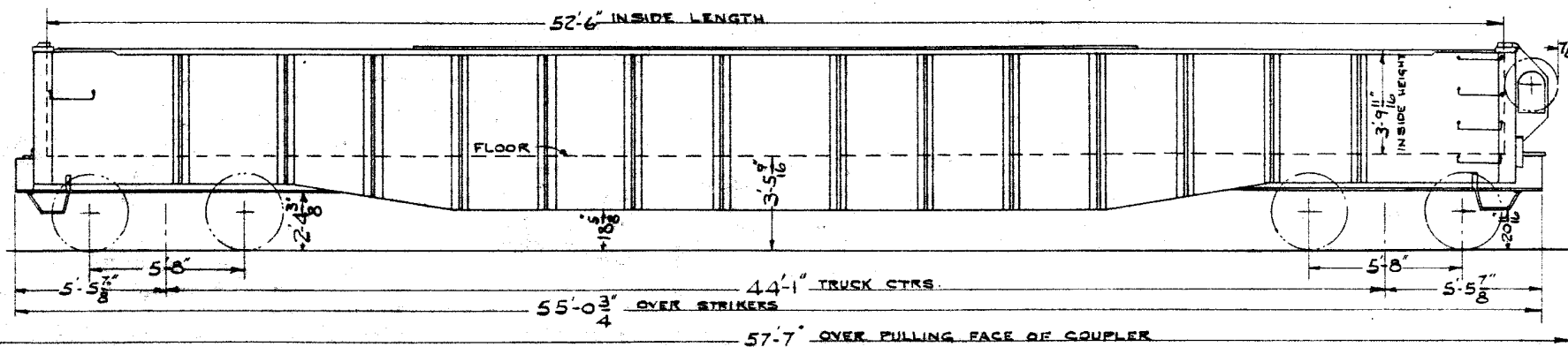
GENERAL DATA		MISCELLANEOUS	
BUILT BY CANTON CAR CO. CANTON OHIO	CENTER SILL 12" A.A.R. CENT. SILL @ 40.3" P.P.E. FT.	SIDE BEARING CENTERS 4'-2"	CARS 65100-65174 HAVE CAST STEEL CENTER PLATE
YEAR BUILT SEPT. 1932 - JAN. 1933	CENTER SILL AREA 31.17 SQ. IN.	SHEATHING 1/4" STEEL	CARS 65175-65199 HAVE DROP FORGED CENTER PLATE
CAPACITY LEVEL FULL - CU. FT. 1931	CENTER SILL COVER PLATE 1/16" X 13 1/2"	SUPERSTRUCTURE O.H. STEEL AND CAST STEEL	CARS 65100-65174 HAVE CAST STEEL BOLSTERS WITH CENTER PLATES CAST INTEGRAL.
CAPACITY WITH 16 IN. HEAP CU. FT.	COUPLER A.A.R. TYPE "B" 6 1/4" X 8" SHANK	UNDERFRAME O.H. STEEL AND CAST STEEL	CARS 65175-65199 HAVE SIMPLEX BOLSTERS WITH DROP FORGED CENTER PLATE.
AVERAGE LOAD LIMIT - LBS. 156,900	COUPLER RELEASE RIGGING A.C.F. BOT. OPER.	TRUCK DATA BOLSTER SEE "MISCELLANEOUS" BRAKE BEAM A.A.R. N° 2+ BRAKE BEAM SAFETY CRECO 3 POINT CENTER PLATE SEE "MISCELLANEOUS" GENERAL DRAWING OF TRUCK NO. JOURNAL 6" X 11" SIDE BEARING STUCKI ROLLER SIDE FRAME C.S. ANDREWS TYPE SPRING A.A.R. CLASS "H" 5 DOUBLE COILS IN NEST WHEELS 33" MULT. WEAR WROT STEEL WEIGHT OF ONE TRUCK CENTER PLT. HOT 2-13" (6500-65174) 2-2 3/4" (65175-65199)	
AVERAGE LIGHT WEIGHT - LBS. 63700	DOOR		
BUILDERS REFERENCE	DOOR FIXTURES	REVISIONS	
R. R. SPEC. NO. WLE C-143-B & C-143-C	DOOR CLEAR OPENING		
CAR BODY DATA		CLEVELAND, OHIO	
AIR BRAKE MFG. W.A.B. CO.	DRAFT GEAR EDGEWATER RING SPRING	DEC. 22 1950	
AIR BRAKE SCHEDULE "AB"	DRAFT GEAR ATTACHMENT C.S. YOKE	DR	
BODY BOLSTER CAST STEEL	ENDS CAR BUILDERS' BUILT UP STEEL		
BODY CENTER PLATE SEE MISCELLANEOUS	END LOAD RATIO 0.436	CH	GROUP No.
BODY SIDE BEARING C.S. WITH SPE. STL. WEAR PLATE	FLOORING 5/16" STEEL PLATE	S.S.	7
CARLINES	GENERAL DRAWING OF CAR - NO. WLE 4839 AND 4840	SHEET No.	
	HAND BRAKE KLASING VERTICAL RATCHST TYPE	3	
	LINING END		
	LINING SIDE		
	ROOF		



GENERAL DATA		MISCELLANEOUS	
BUILT BY - GREENVILLE S.C. CO. GREENVILLE, PA.	CENTER SILL - 2 AAR 2-16 SEC. 36.2 LB PER FT.	SIDE BEARING CENTERS - 4'-2"	NOTE: - 1 45 CARS IN THIS SERIES CHANGED TO CONTAINER CARS NOS. 76100-76144, AND 100 TON TRUCKS APPLIED.
YEAR BUILT - JULY 1944	CENTER SILL AREA - 21.3 SQ. IN.	SHEATHING - 1/4" CB STEEL	
CAPACITY LEVEL FULL - CU. FT. - 1761 ACTUAL	CENTER SILL COVER PLATE	SUPERSTRUCTURE - STEEL	12 CAR SETS OF THE 70 TON TRUCKS WERE APPLIED TO CONTAINER CARS SERIES 75070-75081
CAPACITY WITH 18 IN. HEAP CU. FT. - 2176	COUPLER - AAR TYPE 6 1/2" DIA. BOTT. OPER. 'TG	UNDERFRAME - STEEL	
AVERAGE LOAD LIMIT - LBS. - 156400	COUPLER RELEASE RIGGING - STD. R.L. BAPT. CO. BOTT. OPER. 'TG	TRUCK DATA	
AVERAGE LIGHT WEIGHT - LBS. - 63600	DOOR	BOLSTER - C.S. DOUBLE TRUSS	25 CAR SET OF THE 70 TON TRUCKS WERE APPLIED TO FLAT CARS 3250-3274
BUILDERS REFERENCE - LOT-A19	DOOR FEATURES	BRAKE BEAM - AAR No. 3	
R. S. SPEC. NO. - 21 CEBG	DOOR CLEAR OPENING	BRAKE BEAM SAFETY - CRECO 3 POINT	
CAR BODY DATA		CENTER PLATE - CAST INTEGRAL	
AIR BRAKE MFG. - NYBA CO.	DRAFT GEAR - NATIONAL M-17-A	GENERAL DRAWING OF TRUCK NO.	
AIR BRAKE SCHEDULE - A.B. 10" x 12"	DRAFT GEAR ATTACHMENT - C.S. YOKE	JOURNAL - 6" x 11"	
BODY BOLSTER - BUILT UP STEEL	ENDE - DREADNAUGHT 3 1/2" C.B. STEEL	SIDE BEARING - STUCKI ROLLER TYPE	
BODY CENTER PLATE - DROP FORGED	END LOAD RATIO - .0509	SIDE FRAME - C.S. DOUBLE TRUSS INTEGRAL BOX	
BODY SIDE BEARING - HARDENED STEEL	FLOORING - 2 3/8" SQ. EDGE OAK	SPRING - AAR 1915 DESIGN OUTER TINNER PERNIEST	
CAR LINES	GENERAL DRAWING OF CAR NO. - 139-11-399	WHEELS - AAR 33" DIA. MULTIPLE WEAR WHT STEEL	
	HAND BRAKE - UNIVERSAL PUMP HANDLE	WEIGHT OF ONE TRUCK - 9370 LBS.	
	LINING END	CTR. PLT. HGT. 21'-1 3/8"	
	LINING SIDE		
	ROOF		

CLASS		CARS	
70 TON D.E. GONDOLA		66000-66049	
N.K.P.			
CLEVELAND, OHIO			
REVISIONS			
DR	TR	CH	GROUP NO.
-	RED	045	7
			SHEET NO.
			4

TRUCK WT.	TRUCKS	TRUCK SPRINGS	CARS	DRAFT GEAR	CARS
9130 LBS.	A-3 RIDE CONTROL	7 OUTER COILS & 1 INNER COIL AT 2 1/2" TRAVEL, AND 2 DOUBLE COIL A-3 RIDE CONTROL SPRINGS PER NEST	67000-67099, 67199-67398	WAUGH 403-A	67000-67099
9100 LBS.	SNUB-UP	7 OUTER COILS & 2 INNER COILS AT 2 1/2" TRAVEL AND 4 SNUB-UP SPRINGS PER NEST	67100-67198, 67399	NAT. MALL. M-17A	67100-67199
				MINER A-22-XB	67200-67299
				CARD. WEST. NY-11-F	67300-67399



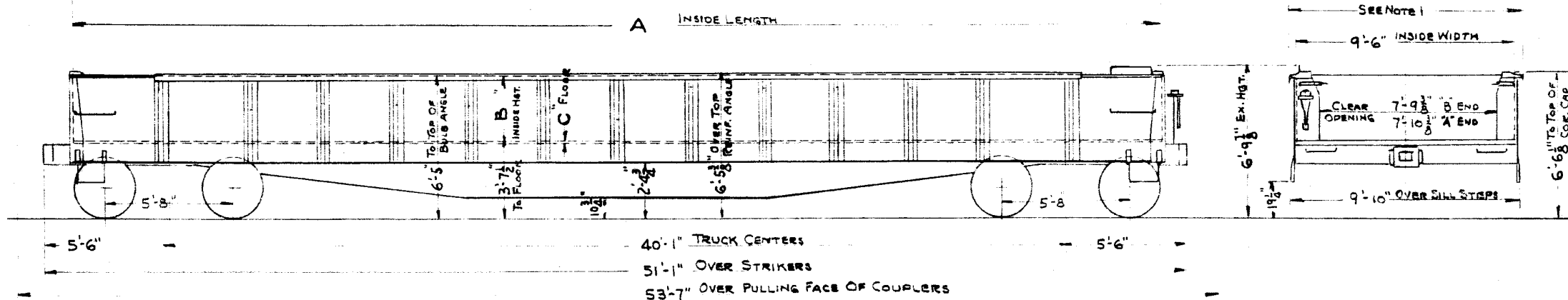
GENERAL DATA	
BUILT BY	AMERICAN CAR & FDY. ST. LOUIS, MO.
YEAR BUILT	1949
CAPACITY LEVEL FULL - CU. FT.	1899
CAPACITY WITH 18 IN. HEAP CU. FT.	2314
AVERAGE LOAD LIMIT - LBS.	15900
AVERAGE LIGHT WEIGHT - LBS.	60200
BUILDERS REFERENCE	LOT 3351
R. R. SPEC. NO.	24-CF86
CAR BODY DATA	
AIR BRAKE MFG.	N.Y. A.B. & W.A.B.
AIR BRAKE SCHEDULE	"A-C"
BODY BOLSTER	BUILT UP STEEL
BODY CENTER PLATE	DROP FORGED
BODY SIDE BEARING	HARDENED STEEL
CARLINES	

CENTER SILL	2 A.A.R. 2 @ 36.2"
CENTER SILL AREA	21.3 SQ. IN.
CENTER SILL COVER PLATE	
COUPLER	A.A.R. 6/4 X 8 TYPE "E" BOTT. OPER.
COUPLER RELEASE RIGGING	STD. RY. EQ. CO. BOTT. OPER.
DOOR	CAR BUILDER'S MANUFACTURE
DOOR FIXTURES	WINE
DOOR CLEAR OPENING	
DRAFT GEAR	SEE TABLE
DRAFT GEAR ATTACHMENT	CAST STEEL YOKE
ENDS	3/8" CORR. STEEL
END LOAD RATIO	.0509
FLOORING	5/16" STEEL
GENERAL DRAWING OF CAR	NO. 139-11-526
HAND BRAKE	AJAX
LINING END	
LINING SIDE	
ROOF	

SIDE BEARING CENTERS	4'-2"
SHEATHING	1/4" STEEL
SUPERSTRUCTURE	STEEL
UNDERFRAME	STEEL
TRUCK DATA	
BOLSTER	CAST STEEL
BRAKE BEAM	A.A.R. #3
BRAKE BEAM SAFETY	"DREVEL" CHICAGO RY. EQUIP. CO.
CENTER PLATE	CAST INTEGRAL
GENERAL DRAWING OF TRUCK NO.	
JOURNAL	6" X 11"
SIDE BEARING	STUCKI - ROLLER TYPE
SIDE FRAME	CAST STEEL
SPRING	SEE TABLE
WHEELS	33" DIA. MULTI-WEAR
WEIGHT OF ONE TRUCK	SEE TABLE
PAT. WT.	2'-1 3/4"

MISCELLANEOUS	
ROYAL TYPE "F" BRAKE SLACK REGULATOR	

CLASS		67000-67399	
CLASS		CARS	
70 TON DROP END GONDOLA			
NKP			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO AUGUST 10-1949			
REVISIONS			
3-20	4-2		
43	54		
DR	TR	CH	GROUP NO.
E	F		7
F	F		5



NOTE 1:
 CARS BEING EQUIPPED WITH TOP CHORD REINFORCING ANGLE. WIDTH OVER TOP BULB ANGLES IS 10'-3 1/4", WITH REINFORCING ANGLE APPLIED WIDTH IS 10'-4 3/8".

SERIES	A	B	C FLOORING	CAPY LEVEL	CAPY 10' HEAP	GENERAL DWG.
77000-77499	48'-5 1/2"	3'-0"	STEEL PLATE	1381 CU. FT.	1765 CU. FT.	139-11-510
77500-77694	48'-6"	2'-9 1/2"	2 3/8" SQ. EDGE WOOD	1286 CU. FT.	1670 CU. FT.	139-11-518
77900-77999	48'-6"	2'-9 1/2"	2 3/8" NAILABLE STEEL	1286 CU. FT.	1670 CU. FT.	139-11-518

GENERAL DATA
 BUILT BY: SEE NOTE 2 AND 3
 YEAR BUILT: SEE NOTE 2 AND 3
 CAPACITY LEVEL FULL—CU. FT.: SEE TABLE
 CAPACITY WITH 10 IN. HEAP CU. FT.: SEE TABLE
 AVERAGE LOAD LIMIT—LBS.: 163300
 AVERAGE LIGHT WEIGHT—LBS.: 51700
 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: CAST STEEL
 CARLINES:

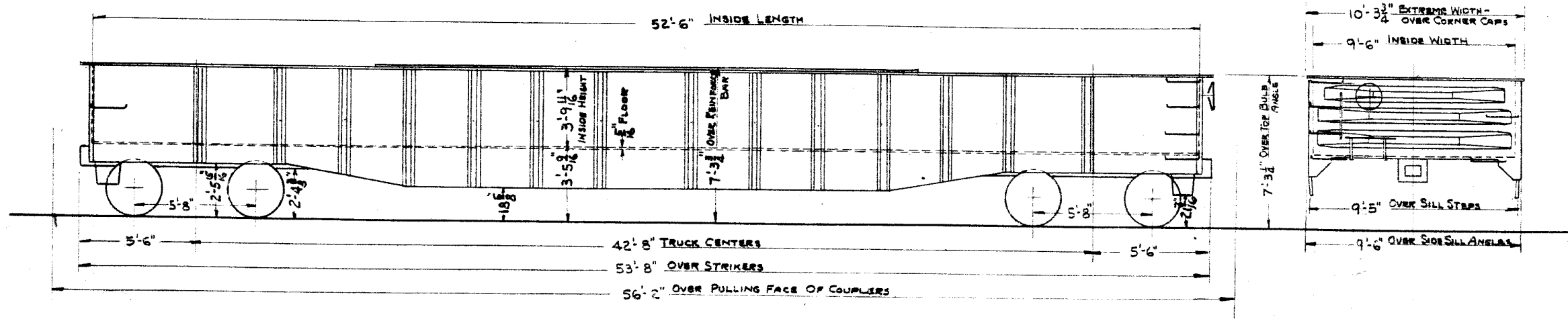
CENTER SILL BUILT-UP PLATES AND SHAPES
 CENTER SILL AREA: 39.92 SQ. IN. AT BOLSTER
 CENTER SILL COVER PLATE: 1/2" x 2 1/2"
 COUPLER: A.A.R. TYPE "D" 6" x 8" SHANK
 COUPLER RELEASE RIGGING: S.R.E. Co. GOTT. OPER.
DOOR
 DOOR FIXTURES:
 DOOR CLEAR OPENING:
 DRAFT GEAR: A.A.R. APPROVED TYPE
 DRAFT GEAR ATTACHMENT: C. S. YOKE
 ENDS: IMPROVED DREADNAUGHT
 END LOAD RATIO: .0310 AT BOLSTER .0325 AT CENTER
FLOORING SEE TABLE
 GENERAL DRAWING OF CAR—NO.: SEE TABLE
 HAND BRAKE: UNIVERSAL PUMP HANDLE # 5790 OR EQUIPCO HAND BRAKE # 3700 A
 LINING SIDE:
 ROOF:

SIDE BEARING CENTERS 5'-0"
SHEATHING 1/2" O. H. STEEL
SUPERSTRUCTURE O. H. STEEL
UNDERFRAME O. H. STEEL
TRUCK DATA
BOLSTER CAST STEEL
 BRAKE BEAM: A.A.R. 2 PLUS
 BRAKE BEAM SAFETY: ANGLE OVER TO SPR. PLANK
 CENTER PLATE: CAST INTEGRAL WITH BOLSTER
 GENERAL DRAWING OF TRUCK NO. WLE 4713
JOURNAL 6" x 11"
SIDE BEARING FRICTION BLOCK IN POCKET
SIDE FRAME CAST STEEL INTEGRAL BOX
SPRING A.A.R. CLASS "H" GROUP PER NEST
WHEELS MULT WEAR WROT STEEL
WEIGHT OF ONE TRUCK
 CENTER PLATE HEIGHT: 2'-1 1/2"

MISCELLANEOUS
 NOTE 2:
 ORIGINALLY BUILT BY STANDARD STEEL CAR CO IN 1929 AND NUMBERED 71000-71999. REBUILT AT IRONVILLE SHOPS OF W. & L. E. RY IN 1942 & 1943 AND RENUMBERED 74000-74999.
 NOTE 3:
 CARS RECEIVED PROGRAM REPAIRS 1952-1953 AT BREWSTER AND RENUMBERED 77000-77999.

WLE 74000-74999		77000-77999	
CLASS		CARS	
70 TON D.E. GONDOLA			
N. K. P.			
MECHANICAL DEPARTMENT			
CLEVELAND, OHIO		DEC. 26 1950	
REVISIONS			
3-344-2-723-53	69	56	
DR	TR	CH	
048	048	S.S.	
GROUP NO.			SHEET NO.
7			6

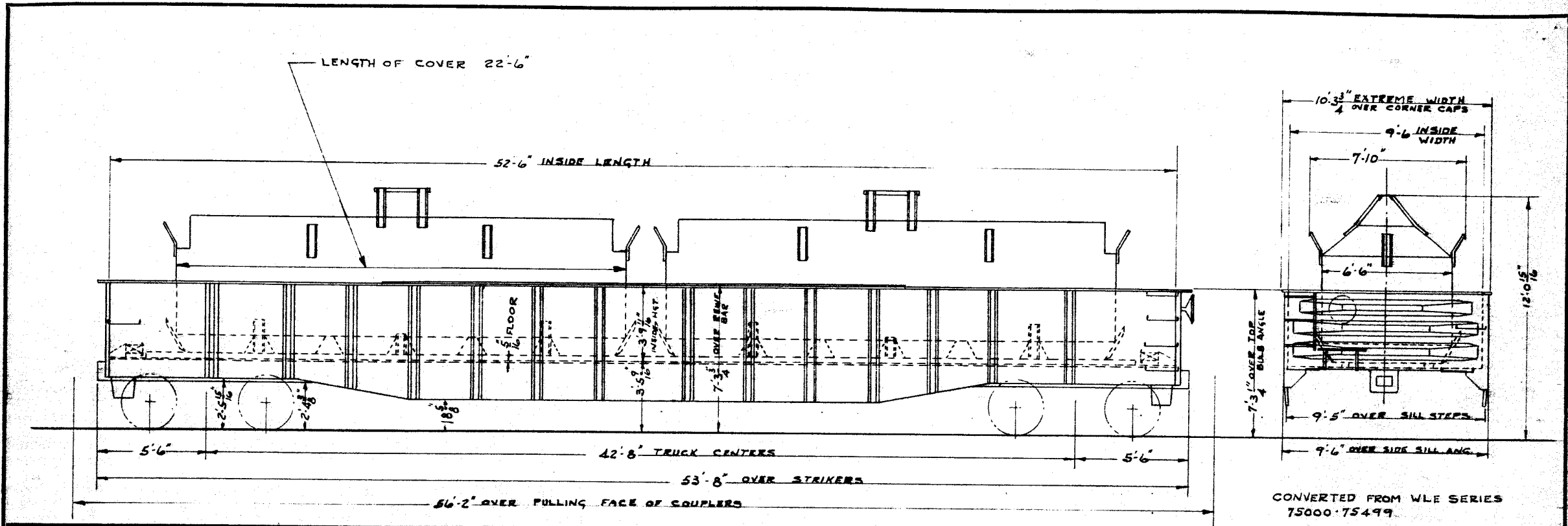
Y.S.D. CO. CONTAINERS, (NO. 145-210) APPLIED TO 6 CARS FOR DIAMOND ALKALI, WHO OWN THE CONTAINERS.



NOTE - 1:
THESE CARS MAY BE LOADED BETWEEN TRUCK CENTERS TO PERCENTAGES PERMITTED BY A.A.R. LOADING RULES FOR DROP END GONDOLA CARS.

NOTE - 2:
FOR CARS EQUIPPED WITH STEEL COIL SKIDS & COVERS SEE GROUP-7 SHEET-8

GENERAL DATA		MISCELLANEOUS	
BUILT BY	AMER. CAR & FRY, ST. LOUIS, MO.	DRAFT GEARS	CARS 75000-75499 HAVE PEERLESS H-1-B-2 CARS 75400-75499 HAVE WAUGH 40B-A
YEAR BUILT	APRIL - MAY 1949	BRAKE STEP	APEX TRI-LOX
CAPACITY LEVEL FULL - CU. FT.	1899	CARS EQUIPPED WITH INSIDE COLLAPSIBLE STAKE POCKETS	
CAPACITY WITH 10 IN. HEAP CU. FT.	2314		
AVERAGE LOAD LIMIT - LBS.	162500		
AVERAGE LIGHT WEIGHT - LBS.	57500		
BUILDERS REFERENCE	FC-3362		
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 STEEL BODY SIDE BEARING CARBON STEEL DROP FORGED CARLINES		TRUCK DATA BOLSTER C.S. ASF BASIC BRAKE BEAM A.A.R. N#3 BRAKE BEAM SAFETY LEDGES CAST INTEGRAL WITH SIDE FRAME CENTER PLATE CAST INTEGRAL WITH BOLSTER GENERAL DRAWING OF TRUCK NO. JOURNAL 6"x11" SIDE BEARING STUCKI SIDE FRAME C.S. ASF BASIC INT. BOX SPRING A.A.R. CLASS H-2 GROUP PER NEST WHEELS MULT. NBAR WROG STEEL WEIGHT OF ONE TRUCK CENTER PLATE HEIGHT 2'-1 3/4"	
CENTER SILL A.A.R. ZEE SEC. @ 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 S. R. & M. CO. BOT. OPER. DOOR DOOR FIXTURES DOOR CLEAR OPENING DRAFT GEAR SEE MISCELLANEOUS DRAFT GEAR ATTACHMENT C.S. YOKE ENDS CAR BUILDERS 3/8" CORRUGATED STEEL END LOAD RATIO .0509 FLOORING 5/16" C.B. STEEL GENERAL DRAWING OF CAR - NO. WLE 6061 HAND BRAKE AJAX LINING END LINING SIDE ROOF		TRUCK DATA SIDE BEARING CENTERS 4'-2" SHEATHING 1/4" C.B. STEEL SUPERSTRUCTURE O.H. AND C.B. STEEL UNDERFRAME O.H. STEEL	
		WLE 75000-75499 75000-75499 CLASS CARS 70 TON GONDOLA N. K. P. MECHANICAL DEPARTMENT CLEVELAND, OHIO DEC. 28 1956 REVISIONS 7-23/540 DR TR CH GROUP No. SHEET No. 0 4 3 SS 7 7	



CONVERTED FROM WLE SERIES
75000-75499

GENERAL DATA	
BUILT BY	AMERICAN CAR AND FDY.
YEAR BUILT	APRIL & MAY 1949
CAPACITY LEVEL FULL—CU. FT.	1899
CAPACITY WITH 10 IN. HEAP CU. FT.	2314
AVERAGE LOAD LIMIT—LBS.	148400
AVERAGE LIGHT WEIGHT—LBS.	71600
BUILDERS REFERENCE	FC-3362
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 STEEL
BODY SIDE BEARING	CARBON STEEL DROP FORGED
CARLINES	

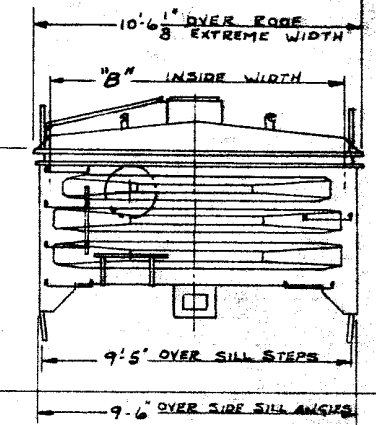
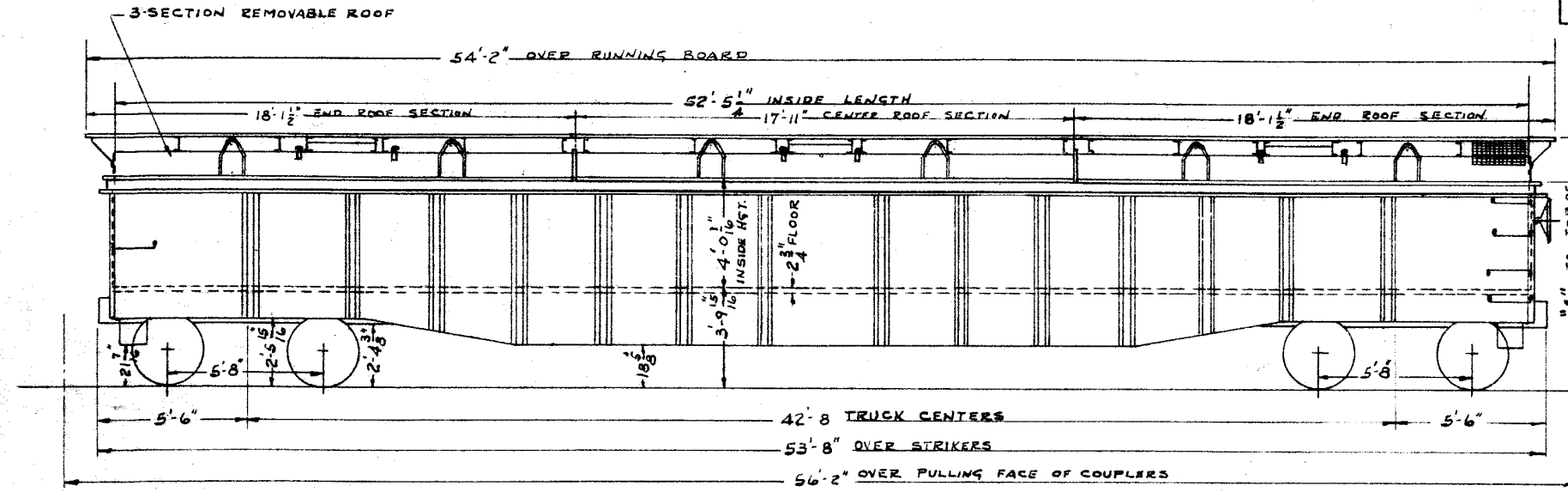
CENTER SILL A.A.R. ZEE SEC. #	36.2 LBS. PER FT.
CENTER SILL AREA	21.3 SQ. IN.
CENTER SILL COVER PLATE	
COUPLER A.A.R. TYPE	"E" 6 1/4" X 8" SHANK
COUPLER RELEASE RIGGING	S.R.E.M. CO. BOTT. OPER.
DOOR	
DOOR FIXTURES	
DOOR CLEAR OPENING	
DRAFT GEAR	SEE MISCELLANEOUS
DRAFT GEAR ATTACHMENT	CAST STEEL YOKE
ENDS	3/8" CORRUGATED STEEL
END LOAD RATIO	.0509
FLOORING	5/16" C.B. STEEL
GENERAL DRAWING OF CAR—NO.	WLE DWG. 6061
HAND BRAKE	AJAX
LINING END	
LINING SIDE	
ROOF	

SIDE BEARING CENTERS	4'-2"
SHEATHING	1/4" C.B. STEEL
SUPERSTRUCTURE	O.H. & C.B. STEEL
UNDERFRAME	O.H. STEEL
TRUCK DATA	
BOLSTER	C.S. A.S.F. BASIC
BRAKE BEAM	A.A.R. NO. 3
BRAKE BEAM SAFETY LEDGES	CAST INTEGRAL WITH S. FRAME
CENTER PLATE	CAST INTEGRAL WITH BOLSTER
GENERAL DRAWING OF TRUCK NO.	
JOURNAL	6" X 11"
SIDE BEARING	STUCKI
SIDE FRAME	C.S. ASF BASIC INT. BOX
SPRING	A.A.R. CLASS H-2 GROUP PER NEST
WHEELS	MULT. WEAR WRO7 STEEL
WEIGHT OF ONE TRUCK	
CENTER PLT. HGT.	2'-1 1/4"

MISCELLANEOUS	
DRAFT GEARS	
CARS HAVE	PEELESS H-1-B-2 OR WAUGH 40-B-A DRAFT GEARS
BRAKE STEP	APEX TRI-LOK

200 CARS IN SERIES	44000-44249						
CARS							
70 TON COIL CAR							
NKP							
CLEVELAND, OHIO	AUG. 3, 1956						
REVISIONS							
10-57	8-61	8-62					
DR	TR	CH	GROUP NO.		SHEET NO.		
EFc	EFc	OHs	7		8		

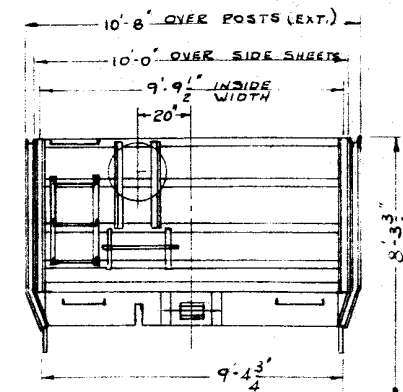
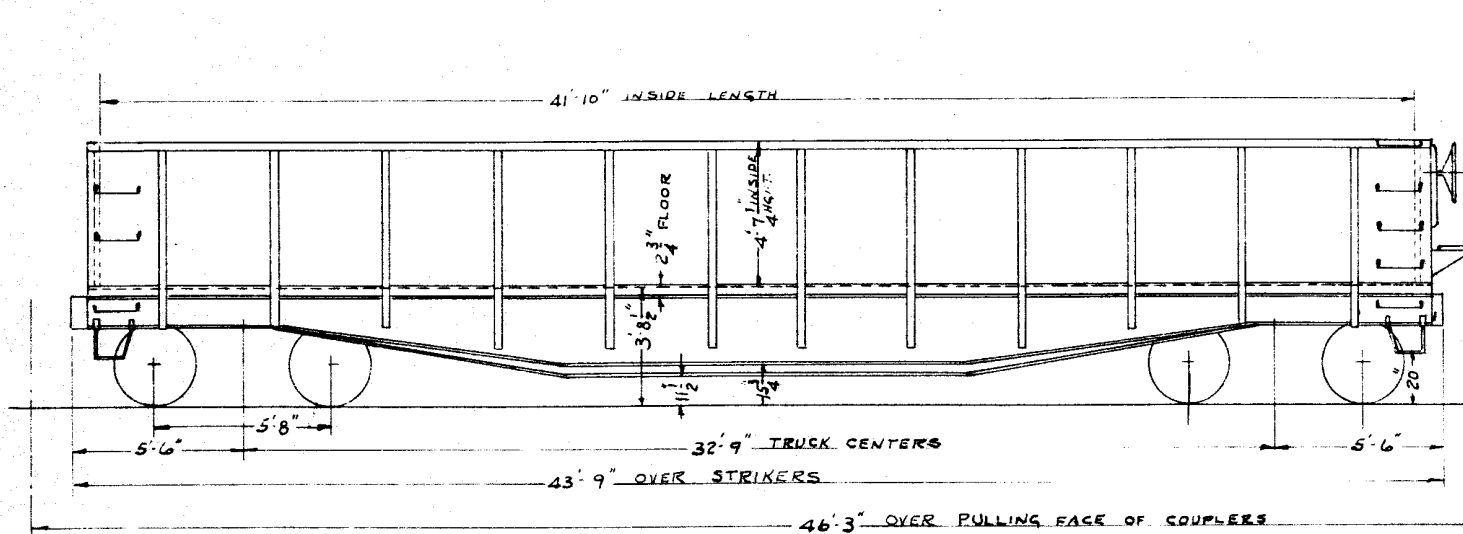
"B"	"A"	CAPACITY	CARS
8'-9 3/4"	9'-6"	1850	44500-44524
8'-8"	9'-2 7/16"	1820	44525-44549



NOTE - 1:
 CONVERTED FROM 75000-75499 SERIES. FITTED WITH ROOFS & BULKHEADS AT CONNEAUT, OHIO MAY, 1959 AND RENUMBERED 44500-44524, AND IN MAY 1962 RENUMBERED 44525-44549

NOTE - 2:
 EACH CAR IS EQUIPPED WITH 3-ALL STEEL MOVABLE BULKHEADS

GENERAL DATA		MISCELLANEOUS																																									
BUILT BY AMERICAN CAR & FDY. ST. LOUIS, MO.	CENTER SILL A.A.R. ZEE SECTION @ 36.2 LBS. PER FT.	SIDE BEARING CENTERS 4'-2"	<table border="1"> <thead> <tr> <th colspan="2">CLASS</th> <th colspan="2">CARS</th> </tr> <tr> <td colspan="2">65 TON GONDOLA WITH ROOF</td> <td colspan="2">44500-44549</td> </tr> <tr> <td colspan="4" style="text-align: center;">N.K.P.</td> </tr> <tr> <td colspan="4" style="text-align: center;">MECHANICAL DEPARTMENT</td> </tr> <tr> <td colspan="4" style="text-align: center;">CLEVELAND, OHIO</td> </tr> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <td>5-42</td> <td></td> <td></td> <td></td> </tr> <tr> <td>DR</td> <td>TR</td> <td>CH</td> <td></td> </tr> <tr> <td>E_{FC}</td> <td>E_{FC}</td> <td>OH</td> <td></td> </tr> <tr> <td colspan="3">GROUP NO. 7</td> <td>SHEET NO. 9</td> </tr> </thead></table>	CLASS		CARS		65 TON GONDOLA WITH ROOF		44500-44549		N.K.P.				MECHANICAL DEPARTMENT				CLEVELAND, OHIO				REVISIONS				5-42				DR	TR	CH		E _{FC}	E _{FC}	OH		GROUP NO. 7			SHEET NO. 9
CLASS		CARS																																									
65 TON GONDOLA WITH ROOF		44500-44549																																									
N.K.P.																																											
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CLEVELAND, OHIO																																											
REVISIONS																																											
5-42																																											
DR	TR	CH																																									
E _{FC}	E _{FC}	OH																																									
GROUP NO. 7				SHEET NO. 9																																							
YEAR BUILT APRIL & MAY 1949	CENTER SILL AREA 21.3 SQ. IN.	SHEATHING 1/4" C.B. STEEL																																									
CAPACITY LEVEL FULL—CU. FT. SEE TABLE	CENTER SILL COVER PLATE -	SUPERSTRUCTURE O.H. AND C.B. STEEL																																									
CAPACITY WITH 10 IN. HEAP CU. FT. -	COUPLER A.A.R. TYPE "E" 6 1/4" X 8" SHANK	UNDERFRAME O.H. STEEL																																									
AVERAGE LOAD LIMIT—LBS. = 142350	COUPLER RELEASE RIGGING S.R.E.M. CO. BOTT. OPER.																																										
AVERAGE LIGHT WEIGHT—LBS. = 77650	DOOR -																																										
BUILDERS REFERENCE FC-3862	DOOR FIXTURES -																																										
R. R. SPEC. NO. -	DOOR CLEAR OPENING -																																										
	DRAFT GEAR NUMBER MP-400 (5 CARS) & FRICTION MARK 40																																										
	DRAFT GEAR ATTACHMENT CAST STEEL YOKE																																										
	ENDS CAR BUILDERS 3/8" CORRUGATED STEEL																																										
	END LOAD RATIO .0509																																										
	FLOORING 2 3/4" SO. EDGE WOOD																																										
	GENERAL DRAWING OF CAR—NO. WLE 6061 & 139-9-541																																										
	HAND BRAKE AJAX & 139-9-551																																										
	LINING END -																																										
	LINING SIDE -																																										
	ROOF - REPUBLIC STEEL 3 SECTION, REMOVABLE																																										
CAR BODY DATA		TRUCK DATA																																									
AIR BRAKE MFG. V.A.B. CO.		BOLSTER C.S. ASF BASIC																																									
AIR BRAKE SCHEDULE "AB"		BRAKE BEAM A.A.R. NO. 3																																									
BODY BOLSTER BUILT UP STEEL		BRAKE BEAM SAFETY LEDGES CAST INTEGRAL WITH SIDE FRAME																																									
BODY CENTER PLATE DROP FORGED STEEL		CENTER PLATE CAST INTEGRAL WITH BOLSTER																																									
BODY SIDE BEARING CARBON STEEL DROP FORGED		GENERAL DRAWING OF TRUCK NO.:																																									
CARLINES		JOURNAL 6" X 11"																																									
		SIDE BEARING STUCKI																																									
		SIDE FRAME CAST STL. ASF BASIC INTEGRAL BOX																																									
		SPRING A.A.R. CLASS H-2 GROUP PER NEST																																									
		WHEELS MULTIPLE WEAR WROT STEEL																																									
		WEIGHT OF ONE TRUCK																																									
		CENTER PLT. HEIGHT 2'-13/4"																																									



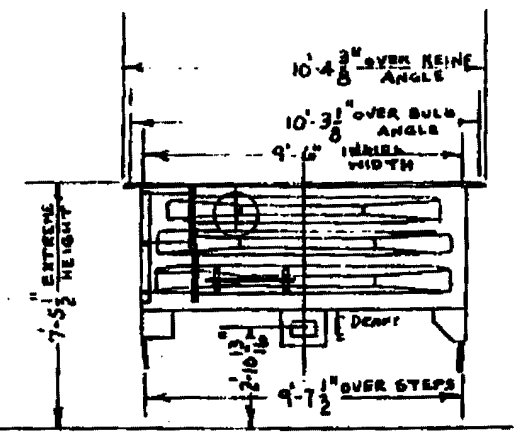
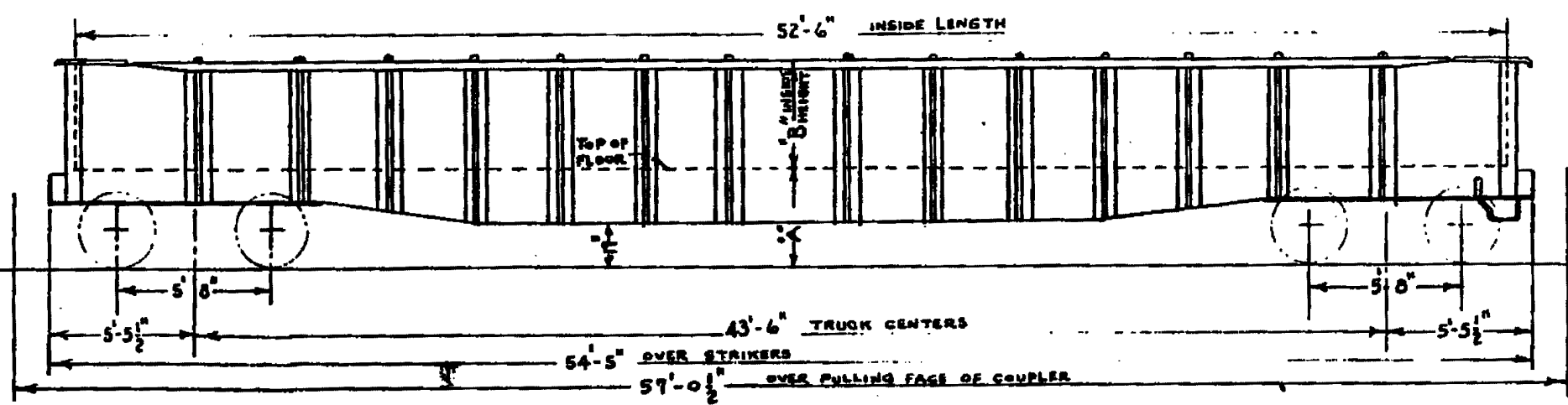
CARS EQUIPPED WITH SPARTON TRI-BELT LOADERS
 7 BELTS & 35 - 6,000 LBS CAPY CROSSMEMBERS.
 CARS CONVERTED FROM 1900 SERIES FLAT CARS.
 70 TON TRUCKS APPLIED FROM 70500-70749 SERIES.

- ELECTRODE CARS -

GENERAL DATA		CAR BODY DATA		TRUCK DATA		MISCELLANEOUS		44998-44999	
BUILT BY - STAND. STEEL CAR CO. BUTLER, PA.		AIR BRAKE MFG. W.A.B. CO.		SIDE BEARING CENTERS 4'-2"				CLASS	
YEAR BUILT - 1929		AIR BRAKE SCHEDULE "A 8" 10" x 12"		SHEATHING 1/4" STL. PLT.				CARS	
CAPACITY LEVEL FULL - CU. FT. 1885		BODY BOLSTER BUILT UP STEEL		SUPERSTRUCTURE STEEL				HIGH SIDE 70 TON GON.	
CAPACITY WITH 10 IN. HEAP CU. FT. -		BODY CENTER PLATE DROF FORGED O.H.S.		UNDERFRAME STEEL				NKP	
AVERAGE LOAD LIMIT - LBS. 160,400		BODY SIDE BEARING CAST STEEL		TRUCK DATA				CLEVELAND, OHIO	
AVERAGE LIGHT WEIGHT - LBS. 59,600		CARLINES -		BOLSTER - CAST STEEL				SEPT. 3, 1959	
BUILDERS REFERENCE -				BRAKE BEAM - A.A.R. NO. 15				REVISIONS	
R. R. SPEC. NO. -				BRAKE BEAM SAFETY - CRECO - 4 POINT SUPPORT				DR	
				CENTER PLATE - CAST INEGAL				TR	
				GENERAL DRAWING OF TRUCK NO.				CH	
				JOURNAL 6" X 11"		GROUP NO.			
				SIDE BEARING - STUCKI		SHEET NO.			
				SIDE FRAME - CAST STEEL INTEGRAL BOX		EFC			
				SPRING - A.A.R. COIL 1915 DESIGN TOUTER, TINNER PER NEST		EFC			
				WHEELS - ONE WEAR WROT STEEL		945			
				WEIGHT OF ONE TRUCK 8610 #		7			
				CENTER PLT. HGHT 2'-2 3/4"		10			

BUILDERS REFERENCE	"B" INSIDE HT.	"A" HT. OF FLOOR FROM RAIL	AVERAGE LOAD LIMIT LBS.	AVERAGE LT. WT.	TYPE OF BEARING	TYPE OF FLOOR	CU. FT. 10' HEAP	CU. FT. LEVEL FULL	SERIES
8912	3'-7 $\frac{1}{8}$ "	3'-9 $\frac{3}{4}$ "	153300	66700	FRICITION	2 $\frac{3}{4}$ " OAK	2207	1792	68000-68074
			153300	66700	TIMKEN ROLL BEARING	2 $\frac{3}{4}$ " OAK	2207	1792	68075-68174
8911	3'-10"	3'-6 $\frac{7}{8}$ "	156800	63200	FRICITION	$\frac{3}{8}$ " C.B. STEEL	2326	1911	67400-67549

CAR BODY DESIGNED FOR 100 TON LOAD



GENERAL DATA
 BUILT BY PULLMAN STD.
 YEAR BUILT 1964
 CAPACITY LEVEL FULL - CU. FT. SEE TABLE
 CAPACITY WITH 10' HEAP CU. FT. SEE TABLE
 AVERAGE LOAD LIMIT LBS. SEE TABLE
 AVERAGE LIGHT WEIGHT 100.
 BUILDERS REFERENCE SEE TABLE
 U. S. SPEC. NO.

CAR BODY DATA
 AIR BRAKE MFG. WESTINGHOUSE AIR BRAKE CO.
 AIR BRAKE SCHEDULE "A" - 10" WITH "ABC-1" VALVE
 BODY BOLTER BUILT UP STEEL - RIVETED TYPE
 BODY CENTER PLATE DROP FORGED
 BODY SIDE BEARING HARDENED STEEL
 COILINGS

CENTER RAIL AAR 2-26 8 1/2 L617Y
 CENTER RAIL AREA 30.12
 CENTER RAIL COVER PLATE -
 COUPLER AAR 57-BANK TYPE 52-60 AHT
 COUPLER RELEASE RIGGING PULLMAN DESIGN
 BODY -
 BODY FIXTURES -
 BODY CLEAR OPENING -
 DRAFT GEAR MARK 22-FRITION TYPE-CARR-WEST.
 DRAFT GEAR ATTACHMENT EAST STEEL TYPE
 SADD 3/8" C.B. STEEL - FIXED
 END LOAD RATE 0.990
 FLOORING SEE TABLE
 GENERAL DRAWING OF CAR - NO.
 HAND BRAKE AAR - VERTICAL WHEEL TYPE
 LINDING END -
 LINDING SIDE -
 ROOF -

SIDE BEARING CENTER 4'-2"
 BREATHER 1/4" C.B. STEEL
 SUPERSTRUCTURE STEEL - RIVETED TYPE
 UNDERFRAME STEEL - WELDED & RIVETED

TRUCK DATA
 BOLSTER CAST STEEL
 BRAKE BEAM AAR # 18, UNIT TYPE
 BRAKE BEAM SAFETY GUIDES, CAST IN SIDE FRAME
 CENTER PLATE CAST INTEGRAL
 GENERAL DRAWING OF TRUCK NO.
 JOURNAL 6 X 11
 SIDE BEARING STUCKI - SINGLE ROLLER TYPE
 SIDE FRAME CAST STEEL
 SPRING BRADDER - S-2-A-20-OUTER, 20148R-1/2 TON
 WHEELS SEE NOTE-4.
 WEIGHT OF ONE TRUCK
 CENTER PLATE HT. - 2'-1 3/4"

MISCELLANEOUS

NOTE-1 - CARS EQUIPPED WITH ELCON-NATL. BRAKE SLACK ADJUSTER NY 1340-S

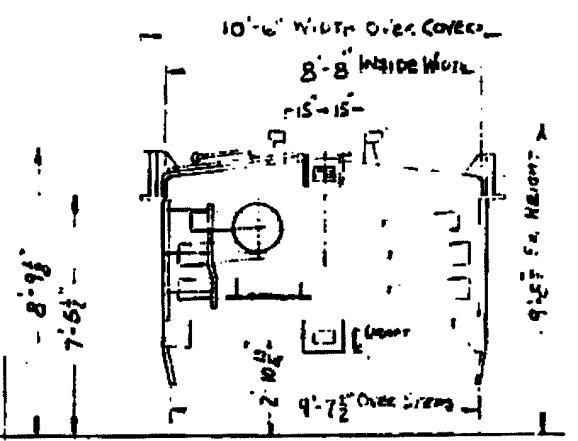
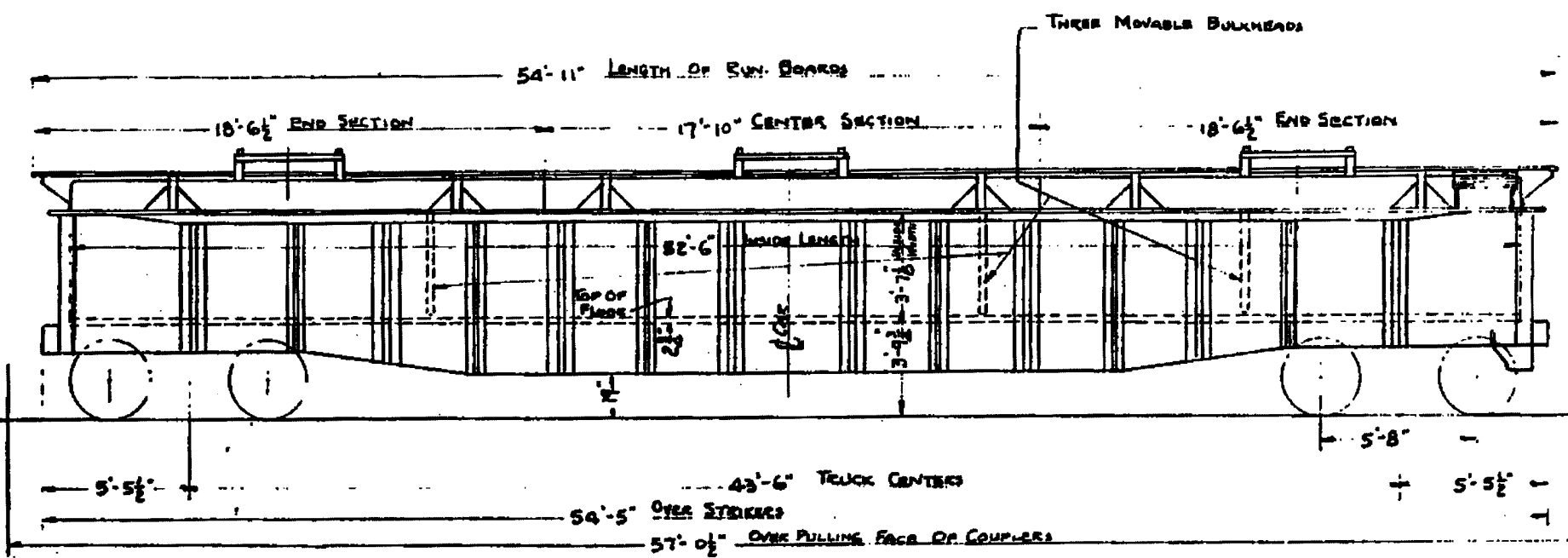
NOTE-2 - CARS EQUIPPED WITH ILL. R.W.Y. EQUIP. CO. "TU-WAY" LADING TIE ANCHORS.

NOTE-3 - FOR TYPE OF BEARINGS SEE TABLE.

NOTE-4 - ALL CARS SHOWN HAVE 33" IWWS WHEELS, EXCEPT CARS 68125-68174 HAVE 33" IWCS WHEELS.

67400-67549		68000-68174	
CLASS		LANE	
70 TON GONDOLA			
NKP			
ELEVATION LIMIT			
REVISIONS			
DN	IN	LT	
11	22	24	
ENCLIP NO		SHEET NO	
7		11	

CAR BODY DESIGNED FOR 100 TON LOAD



GENERAL DATA
 PULLMAN CO. MICH. CITY IND.
 1964
 1722
 139700
 80300
 8913

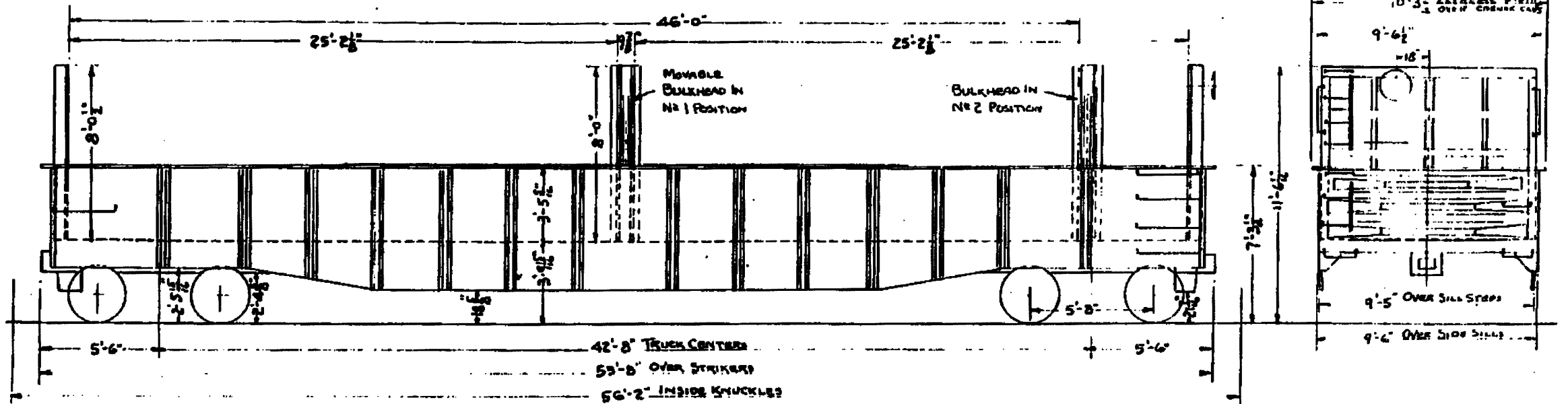
CAR BODY DATA
 W.A.S. Co.
 AB-TOR with ABC-1 VALVE
 HALF UP STL - CYLINDRICAL TYPE
 DEEP FORGED
 HANGERS STL

COVER SHEET
 A.A.R. 2-26 & 51-2 LBS/FT.
 30.12
 A.A.R. 5% SHANK TYPE BE-GOANT
 PULLMAN DESIGN
 MARK 50 SECTION - CRD. - WEST
 CAST STEEL YOKES
 3/8 C-B. STEEL - FIXED
 2 1/2" SA. EDGE - OAK - TREATED
 AJAX VERT. WHEEL TYPE
 REMOVABLE - 3 SECTIONS

TRUCK DATA
 4'-2"
 3/8" C-B. STL.
 STEEL - EXISTED TYPE
 STEEL - WELDED &
 CAST STEEL
 A.A.R. #18 UNIT TYPE
 GUIDES - CAST IN SUB FRAME
 CAST INTEGRAL
 6" x 11"
 STUCKI - SINGLE ROLLER
 CAST STEEL
 20 OUTER - 20 INNER - 2 1/2" TRAVEL
 39" - C-B. 33 INCHES
 CENTER PLATE HEIGHT - 2'-1 1/2"

MISCELLANEOUS
 NOTE 1: CAR BUMPER WITH ELCOM-NATL. BEARS SLACK ADJUSTER # 1300-5
 NOTE 2: 6" x 11" FLAT BAR SECTION (DIMENSIONS)

44600-44624	
70 TON GON WITH ROOF	
NKP	
7	12



GENERAL DATA
 BUILT BY AMEC CAR & FRY ST. LOUIS MO.
 YEAR BUILT APRIL MAY 1949
 CAPACITY LEVEL FULL LN FT 1646
 CAPACITY WITH 10% HOAP CU FT
 AVERAGE LOAD (LBS) 148000
 AVERAGE LIGHT WEIGHT LBS. 78000
 STANDARD REFERENCE
 R. S. SPEC. NO.

CAN BODY DATA
 W.A.B. Co.
 AB
 BUILT UP STEEL
 DEEP FORGED STEEL
 CARBON STEEL DEEP FORGED

CENTER BULK A.A.E. ZEE SEC. 8 36.2 LBS PER FT
 CENTER BULK AREA 21.3 SQ. IN.
 CENTER BULK LENGTH FT. 46
 CENTER BULK WEIGHT LBS. 1548
 CENTER BULK TYPE A.A.E. TYPE "E" 6 1/4" x 8" SHANK
 LENGTH OF RELEASE HOOKS J.R.E.M. Co. BOTT. OPER.
 LUBRICATOR
 LOCKS
 LOCK FEATURES
 BULKHEAD OPENING
 BULKHEAD GEAR SEE MISCELLANEOUS
 BULKHEAD GEAR ATTACHMENT C.S. YOKO
 BULKHEAD GEAR BOLDS 3/4" CARB. STEEL
 BULKHEAD RATIO 0.509
 PE CRANKING 2 1/2" PITCH
 GENERAL DIMENSIONS OF CAN NO 139-4-557
 BULKHEAD AJAX
 LUBRICATOR 3/16" STEEL
 LUBRICATOR

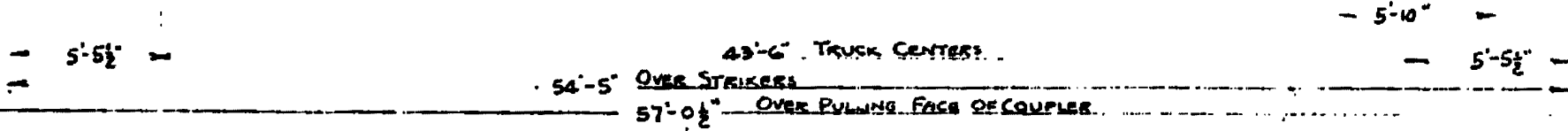
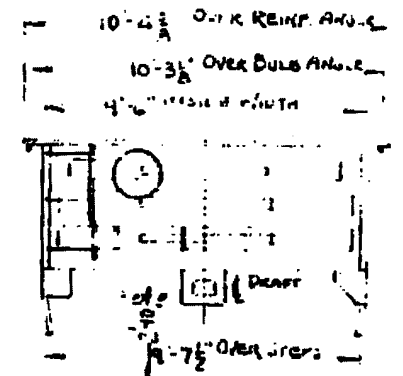
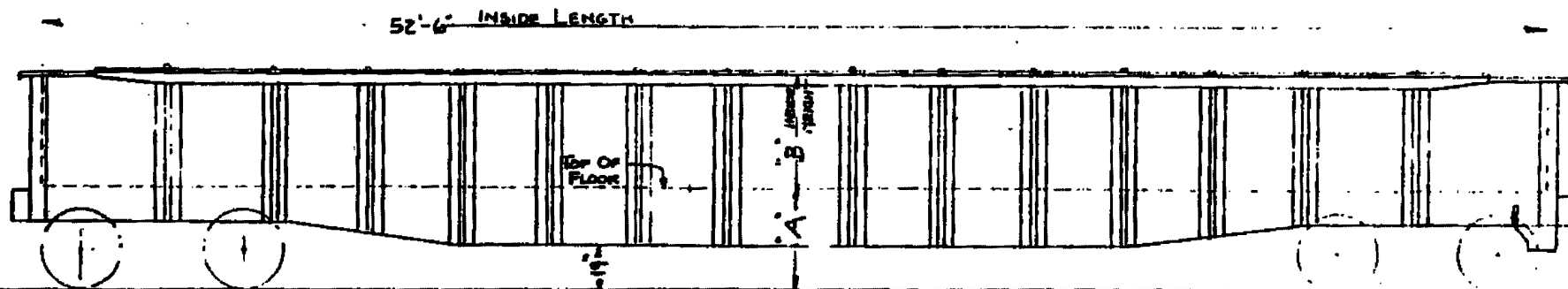
SIDE BULKHEAD 2'-2"
 1/2" C.B. STEEL
 O.H. AND C.B. STEEL
 O.H. STEEL

TRUCK DATA
 MAKE C.S. A.S.F. BANC
 MODEL AAR N23
 BENCH MARK LARGES CAST INTEGRAL WITH SIDEPOW
 CENTER PLATE CAST INTEGRAL WITH BULKHEAD
 GENERAL DIMENSIONS OF TRUCK NO
 JAWBOLT 6" x 11"
 BENCH MARK STUCKI
 BENCH FRAME C.S. A.S.F. BANC INT. BOX
 OPENING AAR CLASS N-2 GROUP FORECAST
 BOLDS MULT. WEAR WROST STEEL
 CENTER PLATE BUSHING 2'-1 1/2"

MISCELLANEOUS
 DECK GRATES
 CAR 75000-75199 HAVE PERLESS H-1-BE
 CAR 75200-75499 HAVE WAUCH 409-A
 DECK STEP APER-TRILOK

75029	75080	75083
75121	75147	75148
75217	75294	75291
75346	75311	75313
75343	75345	75436
CAN'S		
70 TON BULKHEAD GONDOLA		
NKP		
LN	LN	LN
7	7	13

BLDG. REF.	CU. CAPY. 10' HEAP	CU. CAPY. LEVEL FULL	INSIDE HEIGHT	RAIL TO FLOOR	LOAD LIMIT	AV. LT. WEIGHT	FLOORING	CAR NOS	LINE
8912-A	2207	1792	B = 3'-7 $\frac{1}{2}$ "	A = 3'-9 $\frac{1}{2}$ "	191700	71300	2 $\frac{3}{8}$ " So. Co. Oak	69500-69523	1
8911-A	2326	1911	B = 3'-10"	A = 3'-6 $\frac{1}{2}$ "	194900	68100	$\frac{3}{8}$ " C.B. STEEL	69000-69099	2



GENERAL DATA
 BUILT BY **PULLMAN STD. MICH. CITY IND.**
 YEAR BUILT **1964**
 CAPACITY LEVEL FULL **2207** CU. FT. **SEE TABLE**
 CAPACITY WITH 10' HEAP CU. FT. **2326** **SEE TABLE**
 AVERAGE LOAD LIMIT **1911** LBS. **SEE TABLE**
 AVERAGE EMPTY WEIGHT **68100** LBS. **SEE TABLE**
 BUILDING REFERENCE **SEE TABLE**
 U. S. SPEC. NO.

CAR BODY DATA
 AIR BRAKE MFG. **W.A.B. Co**
 AIR BRAKE CYLINDERS **AB-1219** **RECORD - 49 C.M.M.**
 BODY OUTER **BUILT-UP STL. - CRATED TYPE**
 BODY CENTER PLATE **DROP FORGED**
 BODY SIDE BEARING **HARDENED STL.**
 COLUMNS

CENTER BILL AREA **AAE 2-26 @ 51-2 LB/FT**
 CENTER BILL AREA **30.12**
 CENTER BILL COVER PLATE
 COUPLER **AAE 28 SHANK TYPE BE-SHANT**
 COUPLER END FACE BEARING **PULLMAN DESIGN**
 DOOR
 DOOR FEATURES
 DOOR CLEAR OPENING
 DRAFT GEAR **MARY 50 FRICTION - CARD WEST**
 DRAFT GEAR ATTACHMENT **CAST STEEL YOKE**
 DRIVE **3/8" C.B. STEEL - FREE**
 DRUM LOAD RATIO **.0990**
 FLOORING **SEE TABLE**
 GENERAL INFORMATION OF CAR NO.
 HANGING GEAR **EQUIPPED VERTICAL WHEEL TYPE**
 LITING SW.
 MAIN SIDE
 ROOF

SIDE BEARING **4'-2"**
 SHEATHING **1/4" C.O. STL.**
 SUPERSTRIKES **STEEL - RIVETED TYPE**
 UNDERSTRIPS **STEEL - WELDED & RIVETED**

TRUCK DATA
 CENTER PLATE **CAST STEEL**
 BRAKE BEAM **AAE # 24, UNIT TYPE**
 BRAKE BEAM SPACER **GUIDES - CAST IN SIDE FRAME**
 CENTER PLATE **CAST INTEGRAL**
 GENERAL INFORMATION OF TRUCK NO.
 HANGING **6 1/2" x 12"**
 SIDE BEARING **STUCKI - DOUBLE ROLLER # 688-B**
 SIDE BEARING **CAST STEEL**
 SPRING **BARBER - 28 OUTER - 16 INNER - 2 1/2" TRAVEL**
 WHEELS **36" ZWWS J-36**
 CENTER PLATE HT. **2'-1 3/4"**

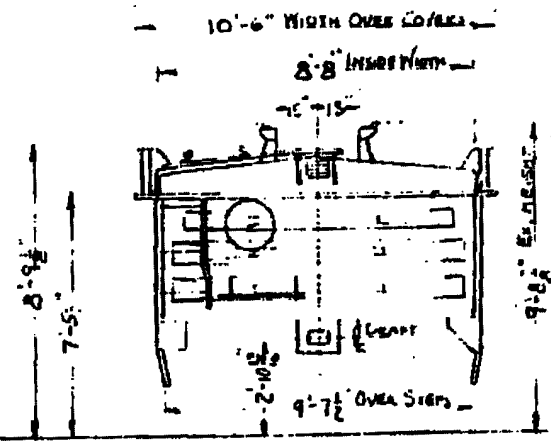
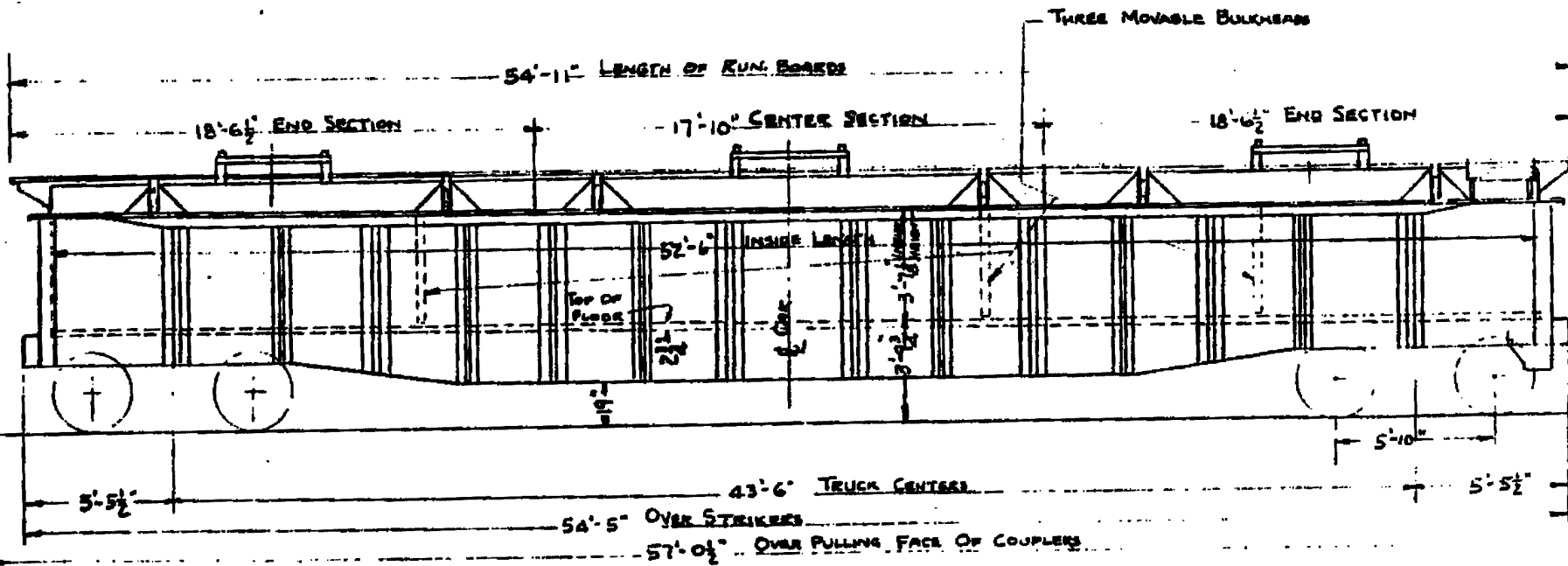
MISCELLANEOUS

NOTE 1
 CARS EQUIPPED WITH **ELLCO-NATE** BENCH SLACK ADJUSTER NS 1340-5

NOTE 2
 CARS EQUIPPED WITH **ILL. Rwy. Equip. Co** "TU-WAY" LADING ANCHORS # 2494

NOTE 3
 TYPE AP **6 1/2" x 12" TIMKEN ROLLER BEAR.**

69500-69524		69000-69099	
100 TON GONDOLA			
NKP			
100	20	100	20
9/5	9/5	7A	1



GENERAL DATA
 MANUFACTURED BY: PULLMAN STD. MICH. CITY IND.
 YEAR: 1960
 CAPACITY: 1722
 AVERAGE WEIGHT: 178600
 AVERAGE CENTER OF GRAVITY: 64400
 BUILDING APPEARANCE: 8119-A
 CHASSIS BODY: W.A.B. Co.
 BODY: AB-1210 RECON-ABC-1-NALVE
 BODY CENTER PLATE: BUILT-UP STL. - RIVETED TYPE
 BODY SIDE BEARING: DROP FORGED
 BODY SIDE BEARING: HARDENED STL.

AXLE: AAR 2-26 @ 31.2 LBS/FT
 CENTER PLATE: 30.12
 AXLE: AAR-31-SHANK TYPE BE-60 AHT
 DESIGN: PULLMAN DESIGN
 MARK 50 FRICTION: CAED. WEST
 CAST STEEL YOKES
 C.B. STEEL - FIBRO
 3/4" 58. EDGE - OAK - TREATED
 BUSHES: 200PC YOKES WHEEL TYPE
 REMOVABLE - 3 SECTIONS

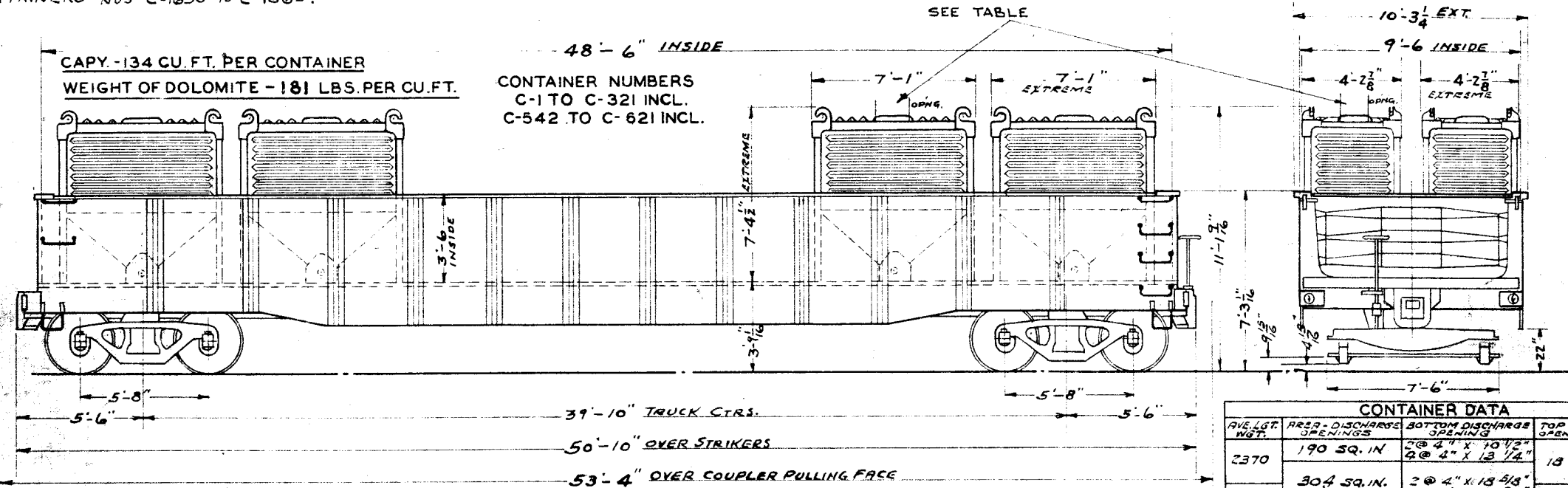
STEEL: RIVETED TYPE
 STEEL: WELDED & RIVETED
 CAST STEEL
 AAR #26 UNIT TYPE
 GUIDES - CAST IN SIDE FRAME
 CAST INTEGRAL
 6 1/2" x 12"
 STRUCK - DOUBLE ROLLER # 588-0
 CAST STEEL
 BUSHES - 28 OUTER - 16 INNER - 2 1/2" TRAVEL
 36" 2 WWS J-36
 CENTER PLATE HEIGHT: 2'-1 3/4"

MISCELLANEOUS
 NOTE 1:-
 CARS EQUIPPED WITH ELLCON HARTL...
 BRAKE SLACK ADJUSTER # 1340-5
 NOTE 2:-
 TYPE AP 6 1/2" x 12" TIMKEN ROLLER BEARINGS

44800-44824			
100 TON GON. WITH ROOF			
NKP			
CHS	CHS	CHS	CHS
		7A	2

CARS 76223 & 76225 HAVE 145 CU. FT. DROP BOTTOM CONTAINERS NOS C-1650 TO C-1665.

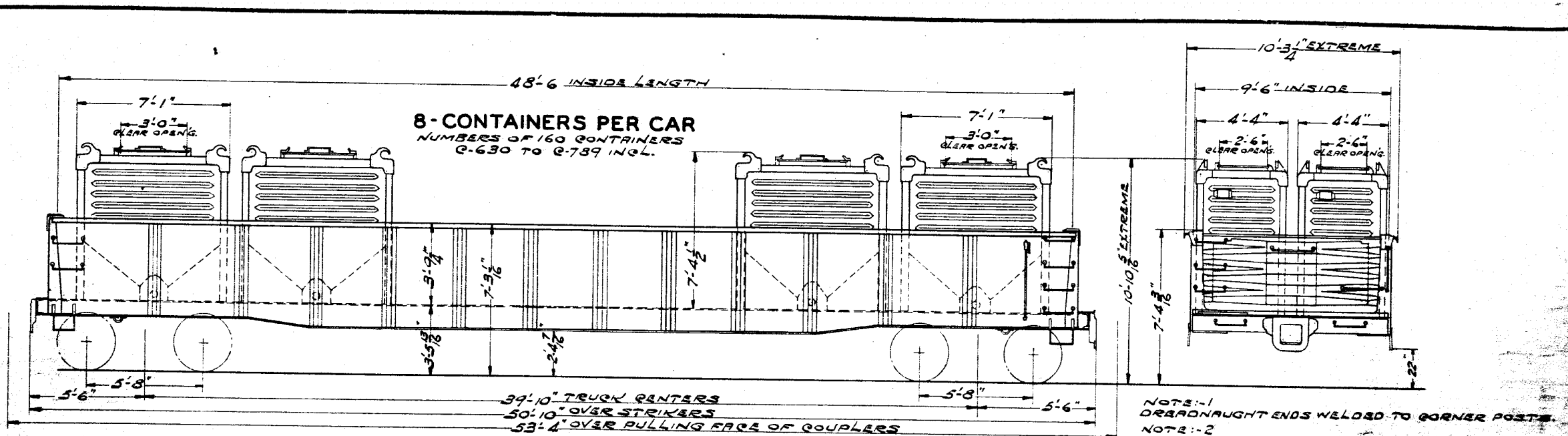
CARS FROM SERIES 70500 TO 70749. 70-TON TRUCKS APPLIED



CONTAINER DATA				
AVE. LGT. WGT.	AREA - DISCHARGE OPENINGS	BOTTOM DISCHARGE	TOP TRAP OPENING	CONTAINER NUMBERS
2370	190 SQ. IN.	2 @ 4" X 10 1/2" 2 @ 4" X 13 1/4"	13" X 20"	C-1 TO C-6, C-321
2465	304 SQ. IN.	2 @ 4" X 13 3/4" 1 @ 4" X 38 3/4"		C-7 TO C-240
2475	313 SQ. IN.	2 @ 4" X 19 3/16" 1 @ 4" X 39 7/8"	30" X 36"	C-241 TO C-320, C-542 TO C-621

*55620# AVERAGE LT. WT. WITHOUT CONTAINERS

GENERAL DATA		TRUCK DATA - SEE NOTE-2		MISCELLANEOUS	
BUILT BY - AC&F Co. 1929	CENTER SILL - 2-RR STD. SEC. 12" 40.3#	BOLSTER - CAST STEEL	NOTE-1 CARS 76231, 76204, 76203, 76201, 76208, 76213, 76241, 76243-76247, HAVE 6" X 8" RIGID BUT COUPLERS, REMAINDER HAVE TYPE "D" SWIVEL BUT.	70 TON GONDOLAS	
YEAR BUILT - CONTAINER-YOUNGSTON S. D. G. 1935	CENTER SILL AREA - 29.68 SQ. IN.	BRAKE BEAM - SEE NOTE NO. 4	NOTE-2 CARS 76200-76205 HAVE S.H. TRUCKS PURCHASED FROM G&O. CARS 76206-76249 HAVE NEW 70 TON TRUCKS WITH DOUBLE TRUSS SIDE FRAMES.	CLASS CARS	
CAPACITY LEVEL FULL - CU. FT. - 78-CONTAINERS = 1072 CU. FT.	CENTER SILL COVER PLATE - 5/16" X 20 1/2"	BRAKE BEAM SAFETY - CRECO-4-PT. SUPPORT	NOTE-3 CARS 76200-76206 HAVE 6 RAR DOUBLE COILS PER N&ST. CARS 76206-76249 HAVE 7 RAR DOUBLE COILS PER N&ST.	DOLOMITE CONTAINER CARS	
CAPACITY WITH 10 IN. HEAP CU. FT. 1072 CU. FT.	COUPLER - SEE NOTE NO. 1	CENTER PLATE - CAST INTEGRAL	NOTE-4 CARS 76200-76205 HAVE RAR NO. 3 BRAKE BEAMS, CARS 76206 TO 76249 HAVE RAR NO. 15 BRAKE BEAMS.	N.K.P.	
AVERAGE LOAD LIMIT - LBS. - 145100, WITH CONTR.	COUPLER RELEASE RIGGING - IMPERIAL TYPE "B"	GENERAL DRAWING OF TRUCK NO.	NOTE-5 CARS 76200-76205 HAVE POSITIVE 3-SHOCK SIDE BEARINGS, CARS 76206-76249 HAVE STUCKI SIDE BEARINGS.	ADVISORY MECHANICAL COMMITTEE	
AVERAGE LIGHT WEIGHT - LBS. 7490 WITH CONTR.	DOOR	JOURNAL - 6" X 11"		CLEVELAND, OHIO JAN. - 10 - 1936.	
BUILDERS REFERENCE - CARS-LOT 117	DOOR CLEAR OPENING	SIDE BEARING - SEE NOTE NO. 5		REVISIONS	
R. R. SPEC. NO. - NKP-394	DRAFT GEAR - FRICTION DURABLE A-1	SIDE FRAME - CAST STEEL-INTEGRAL BOX		DR	TR
	DRAFT GEAR ATTACHMENT - FARLOW	SPRING - SEE NOTE NO. 3		CH	GROUP NO.
	ENDS - DREADNAUGHT - DROP END	WHEELS - 33 DIA.		CM	SHEET NO.
	END LOAD RATIO - .043	WEIGHT OF ONE TRUCK - 8610#		CM	8
	FLOORING - 2 3/8" YELLOW PINE S.L.	CENTER PLATE HEIGHT - 21-2 3/4"		CM	1
	GENERAL DRAWING OF CAR NO. 139-11-170				
	HAND BRAKE - URECO-DROP SHAFT				
	LINING END				
	LINING SIDE				
	ROOF				



8-CONTAINERS PER CAR
 NUMBERS OF 160 CONTAINERS
 Q-630 TO Q-789 INCL.

NOTE:-1
 DREADNAUGHT ENDS WELDED TO CORNER POSTS.
 NOTE:-2
 CARS 76250-76269 WERE CONVERTED FROM
 71000-71674 SERIES AND 70 TON TRUCKS WERE
 APPLIED. SEPT & OCT. 1943.

53900 LBS.	73180 LBS.	166700 LBS.	146820 LBS.	128640 LBS.	1072 CU. FT.
WITHOUT CONTAINERS	WITH CONTAINERS	WITHOUT CONTAINERS	IN CONTAINERS	WEIGHT	CU. CAPY
AVERAGE LIGHT WEIGHT		LOAD LIMITS		LOAD LIMIT DOLOMITE	

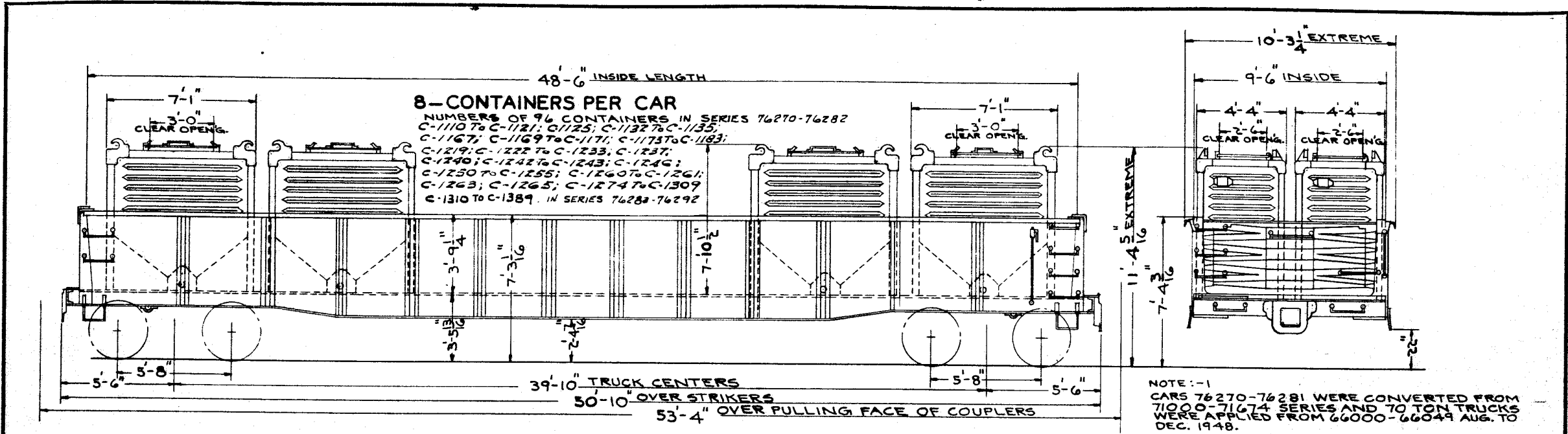
GENERAL DATA	
BUILT BY - BETH STEEL CO. JOHNSTOWN, PA.	CENTER SILL - 2 ARR STD 32@ 12" 40.3 LBS
YEAR BUILT - 1934 SEE NOTE:-2	CENTER SILL AREA - 30.75 SQ. IN.
CAPACITY LEVEL FULL - CU. FT. -	CENTER SILL COVER PLATE - 3/8" x 19 1/2"
CAPACITY WITH 10 IN. HEAP CU. FT. -	COUPLER - TYPE R SWIVEL SHANK
AVERAGE LOAD LIMIT - LBS. - SEE TABLE	COUPLER RELEASE RIGGING - BOT. OPERTG
AVERAGE LIGHT WEIGHT - LBS. - SEE TABLE	DOOR
BUILDERS REFERENCE - 7543	DOOR FIXTURES
R. R. SPEC. NO. - 5-Q786	DOOR CLEAR OPENING
	DRAFT GEAR - CARO-WEST NY-11-E
	DRAFT GEAR ATTACHMENT - SWIVEL BUT. YOKS
	ENDS - DREADNAUGHT SEE NOTE:-1
	END LOAD RATIO - 0.574
	FLOORING - 5/16" STEEL
	GENERAL DRAWING OF CAR - NO. 139-10-232
	HAND BRAKE - MULTI-POWER DROP SHAFT
	LINING END
	LINING SIDE
	ROOF

TRUCK DATA	
BOLSTER - CAST STEEL	SIDE BEARING CENTERS - 4'-2"
BRAKE BEAM - ARR NO 15 WITH SLAVE HEAD	SHEATHING - 1/4" STEEL
BRAKE BEAM SAFETY - Q280 4 POINT	SUPERSTRUCTURE - STEEL
CENTER PLATE - CAST INTEGRAL	UNDERFRAME - STEEL
GENERAL DRAWING OF TRUCK NO.	
JOURNAL - 6" x 11"	
SIDE BEARING - STUCKI SINGLE ROLLER	
SIDE FRAME - CAST STEEL INTEGRAL BOX	
SPRING - ARR COIL 1915 DESMONTAIN 7-OUTER PERMIT	
WHEELS - ONE WEAR WOOD STEEL	
WEIGHT OF ONE TRUCK - 8610*	
OTR. PLY. HGT. - 2-2 3/4"	

CONTAINER	
BUILT BY - YOUNGSTOWN STEEL DOOR CO.	
YEAR BUILT - 1943	
NO OF CONTAINERS PER CAR - 8	
LIGHT WEIGHT - 2435 LBS.	
CU. CAPY PER CONTAINER - 134 CU. FT.	
WEIGHT OF DOLOMITE - 181 LBS. PER CU. FT.	
CAPY OF DOLOMITE PER CONTAINER - 16000 LBS	
TOP TRAP DOOR OPENINGS - 30" x 36"	
DISCHARGE VALVE OPENINGS - 4-1/2" x 2-1/2" x 39 7/8"	
TOTAL DISCHARGE VALVE OPENINGS - 313 SQ. IN.	
OUTSIDE LENGTH OVER CORNER ANGLES - 7'-0"	
OUTSIDE WIDTH OVER CORNER ANGLES - 4'-3"	
EXTREME HEIGHT - 7'-4 1/2"	

CAR BODY DATA	
AIR BRAKE MFG. - NYAB CO	
AIR BRAKE SCHEDULE - AB 10" x 12"	
BODY BOLSTER - BUILT UP STEEL	
BODY CENTER PLATE - DROP FORGED	
BODY SIDE BEARING - HARDENED STEEL	
CARLINES	

OLD NKP 75050-75069	76250-76269
70 TON GOND.	
CLASS	CARS
DOLOMITE CONTAINER CAR	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO OCT 6, 1943	
REVISIONS	
DR J.G.B.	TR J.G.B.
CH D.H.	GROUP NO. 8



54266 LBS.	71066 LBS.	165734 LBS.	148934 LBS.	128640 LBS.	1163 CU.FT.
WITHOUT CONTAINERS	WITH CONTAINERS	WITHOUT CONTAINERS	IN CONTAINERS	WEIGHT	CU. CAPY
AVERAGE LIGHT WEIGHT		LOAD LIMITS		LOAD LIMIT DOLOMITE	

GENERAL DATA	
BUILT BY	BETHLEHEM STEEL CO.
YEAR BUILT	1934
CAPACITY LEVEL FULL - CU. FT.	
CAPACITY WITH 10 IN. HEAP CU. FT.	
AVERAGE LOAD LIMIT - LBS.	SEE TABLE
AVERAGE LIGHT WEIGHT - LBS.	SEE TABLE
BUILDERS REFERENCE	7343
R. R. SPEC. NO.	A.M.C. - 8 - CFBG
CAR BODY DATA	
AIR BRAKE MFG.	N.Y.A.B. CO.
AIR BRAKE SCHEDULE	TYPE 'AB'
BODY BOLSTER	BUILT UP STEEL
BODY CENTER PLATE	DROP FORGED
BODY SIDE BEARING	HARDENED STEEL PLATE
CARLINES	

CENTER SILL Z-ARA STD. SEC. 12" 40.3 LBS.
CENTER SILL AREA 30.75 SQ. IN.
CENTER SILL COVER PLATE 3/8" X 19 1/2"
COUPLER TYPE E, SWIVEL SHANK
COUPLER RELEASE RIGGING BOTT. OPER.
DOOR
DOOR FIXTURES
DOOR CLEAR OPENING
DRAFT GEAR CARD-WEST. N.Y. 11-E
DRAFT GEAR ATTACHMENT SWIVEL BUTT YOKE
ENDS DREADNAUGHT
END LOAD RATIO .0353
FLOORING STEEL 5/16
GENERAL DRAWING OF CAR - NO. 139-10-232
HAND BRAKE MULTI-POWER DROP SHAFT
LINING END
LINING SIDE
ROOF

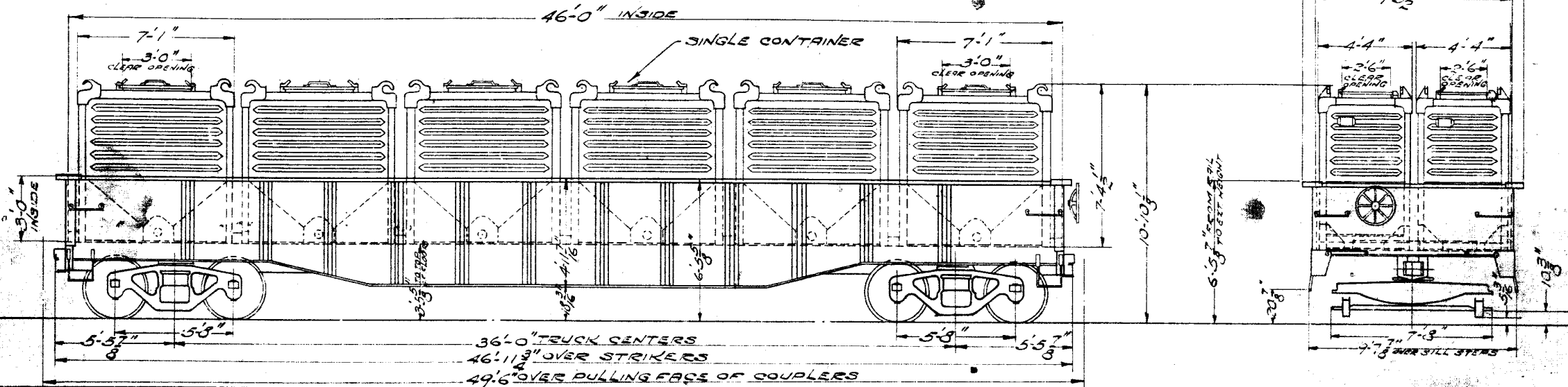
SIDE BEARING CENTERS 4'-2"	
SHEATHING	
SUPERSTRUCTURE STEEL	
UNDERFRAME STEEL	
TRUCK DATA	
BOLSTER C.S. DOUBLE TRUSS	
BRAKE BEAM AAR NO. 3	
BRAKE BEAM SAFETY CRECO 3 POINT	
CENTER PLATE CAST INTEGRAL	
GENERAL DRAWING OF TRUCK NO.	
JOURNAL 6" X 11"	
SIDE BEARING STUCKI ROLLER TYPE	
SIDE FRAME C.S. DOUBLE TRUSS INTEGRAL BOX	
SPRING AAR 1913 DESIGN 7 OUTER, 7 INNER PER NEST	
WHEELS AAR 33" DIA. MULTIPLE WEAR WROT STEEL	
WEIGHT OF ONE TRUCK 9370 LBS.	

CONTAINER	
BUILT BY	YOUNGSTOWN STEEL DOOR CO.
YEAR BUILT	1110-1309-1948; 1310-1389-1951
NO. OF CONTAINERS PER CAR	8
LIGHT WEIGHT	2100 LBS.
CU. CAPY. PER CONTAINER	145
WEIGHT OF DOLOMITE	121 LBS. PER FT.
CAPY. OF DOLOMITE PER CONTAINER	16000 LBS.
TOP TRAP DOOR OPENING	30" X 36"
DISCHARGE VALVE OPENING	18 1/8" X 3" - 11 3/4"
TOTAL DISCHARGE VALVE OPENING	865.55 SQ. IN.
OUTSIDE LENGTH OVER CORNER ANGLES	7' 3 1/2"
OUTSIDE WIDTH OVER CORNER ANGLES	4'-3"
EXTREME HEIGHT	7'-10 1/2"

OLD NKP 75070-75081	76270-76282
70 TON GOND.	76283-76292
CLASS	CARS
DOLOMITE CONTAINER CAR	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO AUGUST 3, 1949	
REVISIONS	
1-11-8-30-23	
52 53 56	
DR	TR
CH	GROUP NO.
8	SHEET NO.
3	

AVERAGE LIGHT WEIGHT		LOAD LIMITS		LOAD LIMIT DOLOMITE		CARS
WITHOUT CONTAINERS	WITH CONTAINERS	WITHOUT CONTAINERS	IN CONTAINERS	WEIGHT	CU. CAPY.	
46000 LBS.	73225 LBS.	217000 LBS.	38775 LBS.	176000 LBS.	1474 CU. FT.	76000-76009
45500 LBS.	72478 LBS.	217500 LBS.	40022 LBS.	176000 LBS.	1474 CU. FT.	76010-76014

11-CONTAINERS PER CAR
 NUMBERS OF 220 CONTAINERS
 C-322 TO C-541 INCL.



CARS	YEAR BUILT	BUILDERS REFERENCE	AIR BRAKE M'FR	GEAR GEAR	CONTAINERS YEAR BUILT
76010-76019	MAY & JUNE 1940	LOT 5624 WAB. CO.	NATIONAL	C-432 TO M-17-A	C-541 1940
76000-76009	SEPT. 3, 1939	LOT 5598 NYAB CO.	M'NER	A-2318	C-431 1939

GENERAL DATA	
BUILT BY - PULLMAN STD. S. C. & MFG. CO. MICH. CITY, IND.	CENTER SILL - 2 - 12 1/2\"
YEAR BUILT - SEE TABLE	CENTER SILL AREA - 31.30 SQ. IN.
CAPACITY LEVEL FULL CU. FT.	CENTER SILL COVER PLATE
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER - AAR 6 1/4\" X 8\" TYPE E BOTT. OPENING
AVERAGE LOAD LIMIT - LBS. SEE TABLE	COUPLER RELEASE RIGGING - STD. RV EQUIP. SUPPL. OR ETC.
AVERAGE LIGHT WEIGHT - LBS. SEE TABLE	DOOR
BUILDERS REFERENCE - SEE TABLE	DOOR FIXTURES
R. R. SPEC. NO. - 15-CF39	DOOR CLEAR OPENING
	DRAFT GEAR - SEE TABLE
	DRAFT GEAR ATTACHMENT - CAST STEEL YOKE
	ENDS - PLAIN 3/16\" STEEL
	END LOAD RATIO - 0.509
	FLOORING - 3/16\" STEEL
	GENERAL DRAWING OF CAR NO - 139-11-308
	HAND BRAKE - UNIVERSAL 1/2\" VERTICAL WHEEL
	LINING END
	LINING SIDE
	ROOF
CAR LINES	

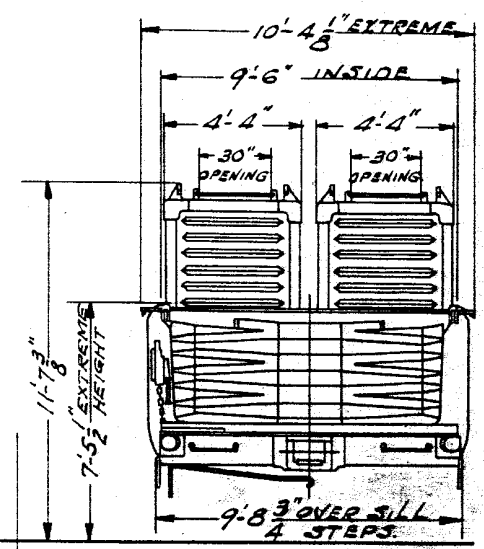
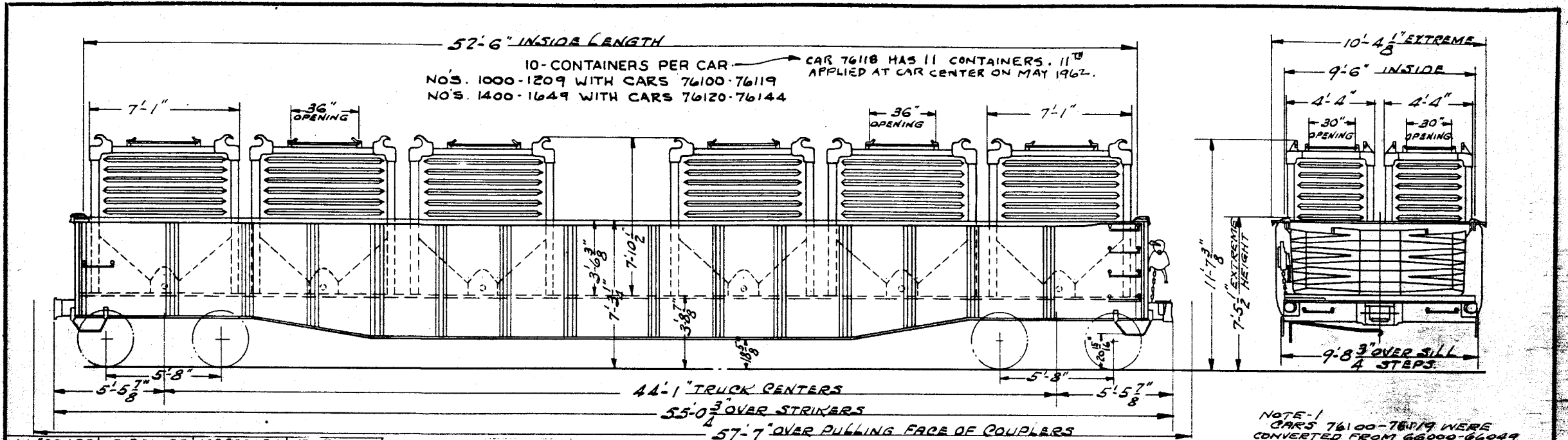
TRUCK DATA	
BOLSTER - CAST STEEL	BRAKE BEAM - AAR NO. 15
BRAKE BEAM SAFETY - 16000-76009: SPEC. 2 POINT	CENTER PLATE - CAST STEEL - INTEGRAL
16010-76014: 2 POINT	GENERAL DRAWING OF TRUCK NO.
JOURNAL - 6 1/2\" X 12\"	SIDE BEARING - STUCKI SINGLE ROLLER
SIDE BEARING - STUCKI SINGLE ROLLER	SIDE FRAME - CS. INTEGRAL BOX TYPE
SIDE FRAME - CS. INTEGRAL BOX TYPE	SPRING - AAR 1936 DESIGN CLASS P-2
SPRING - AAR 1936 DESIGN CLASS P-2	WHEELS - 33\" DIA. - MULTIPLE WEAR
WHEELS - 33\" DIA. - MULTIPLE WEAR	WEIGHT OF ONE TRUCK - 10040 #
WEIGHT OF ONE TRUCK - 10040 #	CENTER PLATE HEIGHT - 2' 13/4\"
CENTER PLATE HEIGHT - 2' 13/4\"	

CONTAINER	
BUILT BY - YOUNGSTOWN STEEL DOOR CO.	YEAR BUILT - SEE TABLE
NO. OF CONTAINERS - 11	LT. WGT. 76000-76009-2475# 76010-76019-2475#
WT. WGT. 76000-76009-2475# 76010-76019-2475#	CU. CAPY. PER CONTAINER - 134 CU. FT.
CU. CAPY. PER CONTAINER - 134 CU. FT.	WEIGHT OF DOLOMITE - 121 LBS. PER CU. FT.
WEIGHT OF DOLOMITE - 121 LBS. PER CU. FT.	CAPY. OF DOLOMITE IN LBS. - 16000 # PER CONT.
CAPY. OF DOLOMITE IN LBS. - 16000 # PER CONT.	TOP TRAP DOOR OPENING - 30\" X 36\"
TOP TRAP DOOR OPENING - 30\" X 36\"	DISCHARGE VALVE OPENINGS - 4\" X 38\" & 4\" X 39\"
DISCHARGE VALVE OPENINGS - 4\" X 38\" & 4\" X 39\"	TOTAL DISCHARGE VALVE OPENINGS - 313 SQ. IN.
TOTAL DISCHARGE VALVE OPENINGS - 313 SQ. IN.	OUTSIDE LENGTH OVER CORNER ANGLES - 7'-0\"
OUTSIDE LENGTH OVER CORNER ANGLES - 7'-0\"	OUTSIDE WIDTH OVER CORNER ANGLES - 4'-3\"
OUTSIDE WIDTH OVER CORNER ANGLES - 4'-3\"	EXTREME HEIGHT - 7'-4 1/2\"
EXTREME HEIGHT - 7'-4 1/2\"	

100 TON GOND. 76000-76019
 CLASS CARS

DOLOMITE CONTAINER CARS
N.K.P.
 ADVISORY MECHANICAL COMMITTEE
 CLEVELAND, OHIO OCT. 7, 1939

REVISIONS				
DR	TR	CH	GROUP NO.	SHEET NO.
68	J68	94	9	1



NOTE-1
 CARS 76100-76119 WERE CONVERTED FROM 66000-66049 SERIES AND NEW 100 TON TRUCKS WERE APPLIED 1947 & 1948.

NOTE-2:
 CARS 76120-76144 CONVERTED FROM 66000-66049 SERIES AND NEW 100 TON TRUCKS APPLIED 1952-1953.

66500 LBS.	91300 LBS.	148500 LBS.	171700 LBS.
66500 LBS.	88400 LBS.	196500 LBS.	174600 LBS.
WITHOUT CONTAINERS	WITH CONTAINERS	WITHOUT CONTAINERS	IN CONTAINERS
AVERAGE LIGHT WEIGHT		LOAD LIMITS	

GENERAL DATA
 BUILT BY - GREENVILLE S. CO. GREENVILLE, PA.
 YEAR BUILT - JULY 1944 SEE NOTE - 1-2
 CAPACITY LEVEL FULL - CU. FT. _____
 CAPACITY - 160,000 *
 AVERAGE LOAD LIMIT - LBS. - SEE TABLE
 AVERAGE LIGHT WEIGHT - LBS. - SEE TABLE
 BUILDERS REFERENCE - LOT 419
 R. R. SPEC. NO. - 21 CFRB

CENTER SILL - 2" A.R. 2-16 SEC. 36.2 LB. PER FT.
 CENTER SILL AREA - 21.3 SQ. IN.
 CENTER SILL COVER PLATE _____
 COUPLER - A.R. TYPE "E" 6 1/4" X 8" BOTT. OPERTG.
 COUPLER RELEASE RIGGING - STD. RY. EQPT. (6" BOTT. OPERTG.)
 DOOR _____
 DOOR FIXTURES _____
 DOOR CLEAR OPENING _____
 DRAFT GEAR - NATIONAL M-17-A
 DRAFT GEAR ATTACHMENT - C.S. YOKE
 ENDS - DREADNAUGHT 3/8" CR STEEL
 END LOAD RATIO - .0509
 FLOORING - 2 3/4" SQ. EDGE OAK
 GENERAL DRAWING OF CAR - NO. 139-11-399
 HAND BRAKE - UNIVERSAL PUMP HANDLE
 LINING END _____
 LINING SIDE _____
 ROOF _____

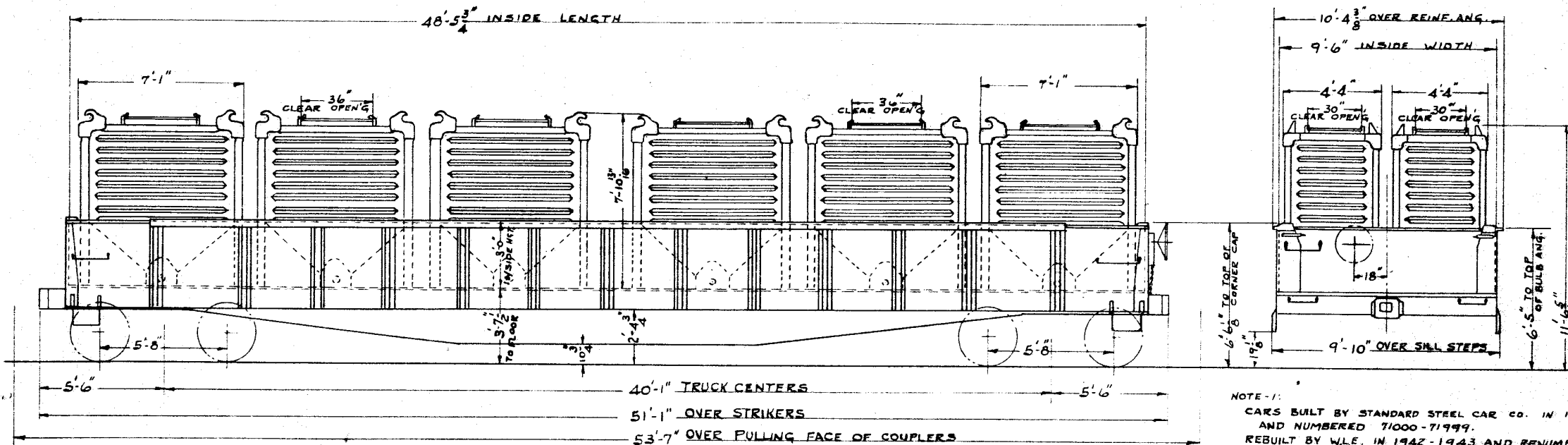
SIDE BEARING CENTERS - 4'-7"
 SHEATHING - 1/4" CR STEEL
 SUPERSTRUCTURE - STEEL
 UNDERFRAME - STEEL

TRUCK DATA
 BOLSTER - CAST STEEL
 BRAKE BEAM - A.R. #18
 BRAKE BEAM SAFETY - CREGG 4-POINT
 CENTER PLATE - CAST STEEL - INTEGRAL
 GENERAL DRAWING OF TRUCK NO. _____
 JOURNAL - 6 1/2" X 12"
 SIDE BEARING - STUCKI
 SIDE FRAME - C.S. INTEGRAL BOX TYPE
 SPRING - A.R. 1936 DESIGN
 WHEELS - 33" DIA. MULTIPLE WEAR
 WEIGHT OF ONE TRUCK 10040 *
 RTR PLT. HGT. - 2'-1 3/4"

CONTAINERS
 BUILT BY - YOUNGSTOWN STEEL DOOR CO.
 YEAR BUILT - 1947 AND 1952
 NO. OF CONTAINERS PER CAR - 10

CU. CAPY PER CONTAINER - 134 CU. FT.
 WEIGHT OF DOLOMITE - 181 # PER CU. FT.
 GRAY OF DOLOMITE PER CONTAINER - 16000 LBS.
 TOP TRAP DOOR OPENING - 36" X 30"
 DISCHARGE VALVE OPEN 65-18 1/8" X 3-1/4"
 TOTAL DISCHARGE VALVE OPENINGS - 865 SQ. IN.
 OUTSIDE LENGTH OVER CORNER ANGLES - 7'-0"
 OUTSIDE WIDTH - 4'-3"
 EXTREME HEIGHT - 7'-10 1/2"
 CONTAINERS 1000-1209 - LT. WT. 2190 LBS.
 CONTAINERS 1400-1649 - LT. WT. 2480 LBS.

		76120-76144	
OLD NKP 77000-77017		76100-76119	
100 TON GOND		CARS	
DOLOMITE CONTAINER CAR			
N.K.P.			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO JAN. 5, 1948			
REVISIONS			
3-30-48	12-6-48	6-11-48	
53	56	62	
DR	TR	CH	
N	N	08	
GROUP NO. 9			SHEET NO. 2



NOTE - 1:
 CARS BUILT BY STANDARD STEEL CAR CO. IN 1929
 AND NUMBERED 71000-71999.
 REBUILT BY W.L.E. IN 1942-1943 AND RENUMBERED
 74000-74999.
 CARS RECEIVED PROGRAM REPAIRS AT BREWSTER
 AND RENUMBERED 77000-77999.
 15 CARS RECEIVED CONTAINER BLOCKING, NEW
 HAND BRAKES, ENDS WELDED SHUT, RENUMBERED 76150-76164

58160 LBS. WITHOUT CONTAINERS	82160 LBS. WITH CONTAINERS	204,840 LBS. WITHOUT CONTAINERS	180,840 LBS. WITH CONTAINERS
AVERAGE LIGHT WEIGHT		LOAD LIMITS	

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. SEE TABLE
 AVERAGE LIGHT WEIGHT—LBS. SEE TABLE
 BUILDERS REFERENCE
 R. R. SPEC. NO.

CAR BODY DATA
 AIR BRAKE MFG. W. A. B. CO.
 AIR BRAKE SCHEDULE 'A B'
 BODY BOLSTER BUILT UP STEEL
 BODY CENTER PLATE DROP FORGED
 BODY SIDE BEARING CAST STEEL
 CARLINES

CENTER SILL BUILT-UP, PLATES AND SHAPES
 CENTER SILL AREA 39.72 SQ. IN. AT BOLSTER
 CENTER SILL COVER PLATE 1/4" X 2 1/2"
 COUPLER A. A. R. TYPE "D" 6" X 8" SHANK
 COUPLER RELEASE RIGGING S. R. E. CO. BOTT. OPER.
 DOOR
 DOOR FIXTURES
 DOOR CLEAR OPENING
 DRAFT GEAR A. A. R. APPROVED TYPE
 DRAFT GEAR ATTACHMENT CAST STEEL YOKE
 ENDS IMPROVED DREADNAUGHT
 END LOAD RATIO .0310 AT BOLSTER .0325 AT CENTER
 FLOORING STEEL PLATE
 GENERAL DRAWING OF CAR—NO. WLE 5383
 HAND BRAKE AJAX
 LINING END
 LINING SIDE
 ROOF

SIDE BEARING CENTERS 5'-0"
 SHEATHING 1/4" O. H. STEEL
 SUPERSTRUCTURE O. H. STEEL
 UNDERFRAME O. H. STEEL

TRUCK DATA
 BOLSTER CAST STEEL
 BRAKE BEAM A. A. R. NO. 18
 BRAKE BEAM SAFETY CRECO 4-POINT SUPPORT
 CENTER PLATE CAST INTEGRAL WITH BOLSTER
 GENERAL DRAWING OF TRUCK NO. 185-B-1424
 JOURNAL 6 1/2" X 12"
 SIDE BEARING POCKET & SHOE-POCKET CAST INTEG. BOLSTER
 SIDE FRAME CAST STEEL
 SPRING - 6 OUTER & 6 INNER 1936 DESIGN PER NEST
 WHEELS 33" DIA. MULTIPLE WEAR WKOT STEEL
 WEIGHT OF ONE TRUCK
 CENTER PLT. HGT. 2'-1 7/8"

CONTAINER
 BUILT BY YOUNGSTOWN STEEL DOOR CO.
 YEAR BUILT-1110-1309, 1948; 1510-1389, 1951
 NO. CONTAINERS PER CAR - 11
 CONTAINER LT. WT. - 21000 LBS.
 CU. CAPY PER CONTAINER - 145 CU. FT.
 WT. OF DOLPHITE = 121 LBS PER CU. FT.
 LD. LMT. PER CONTAINER = 16800
 TOP TRAP DOOR OPENING - 36" X 30"
 DISCHARGE VALVE OPENING - 18 1/8" X 3' - 11 3/4"
 TOTAL DISCHARGE VALVE OPENING - 865.5 SQ. IN.
 OUT SIDE LENGTH OVER CORNER ANG. 7'-3 1/2"
 OUTSIDE WIDTH OVER CORNER ANG. 4'-3"
 EXTREME HEIGHT - 7'-10 3/4"

CLASS		76150-76164	
CARS		CARS	
100 TON CONTAINER			
NKP			
CLEVELAND, OHIO			
REVISIONS			
DR	TR	CH	GROUP No.
FC	FC	045	9
			SHEET No.
			3