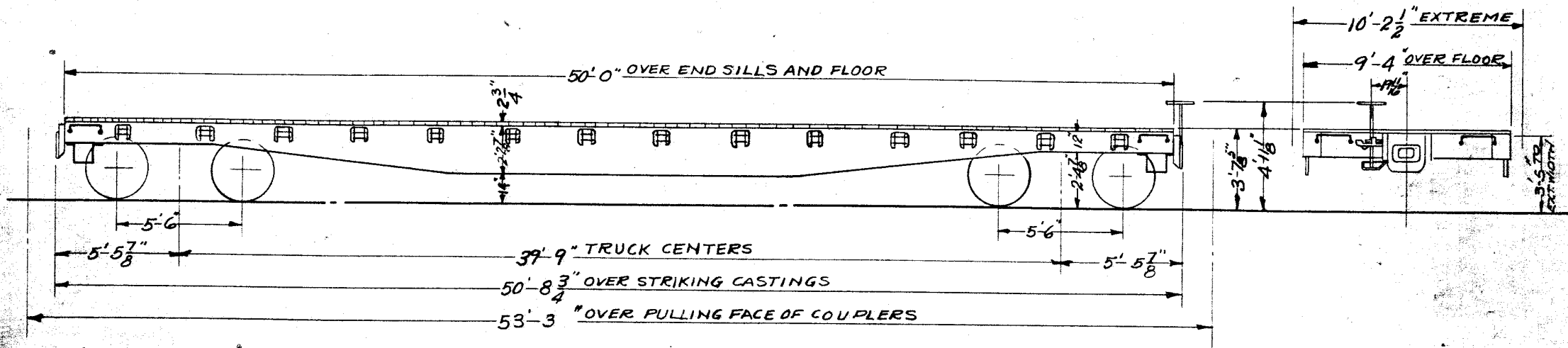


NOTE - 3:  
 CAR BODY DESIGNED FOR 70 TONS  
 CAR WILL CARRY FULL LOAD LIMIT  
 OF 117200# CONCENTRATED AT CENTER  
 OF CAR.

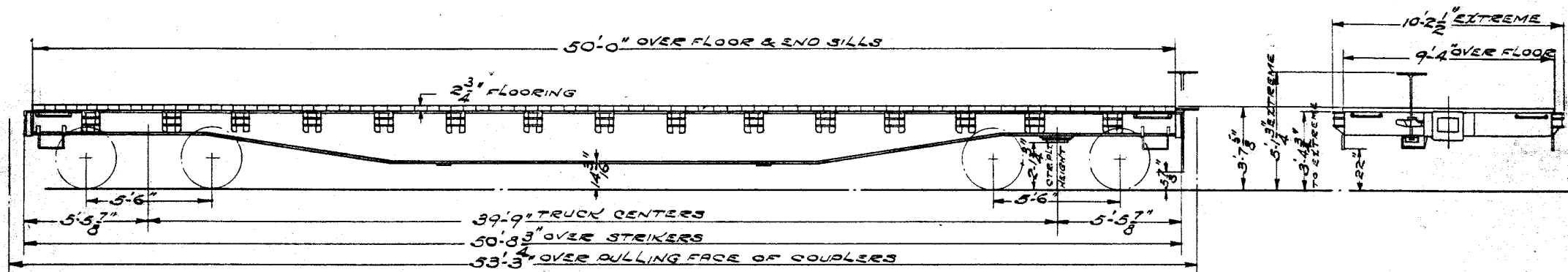
<b>GENERAL DATA</b>		<b>MISCELLANEOUS</b>													
BUILT BY <b>RYAN CAR CO.</b>	CENTER SILL <b>BUILD UP SHAPES &amp; PLATES</b>	SIDE BEARING CENTERS <b>5'-0"</b>	NOTE-1: <b>CAR 2700 WAUGH 403</b>												
YEAR BUILT <b>1934</b>	CENTER SILL AREA <b>46.58 SQ. IN. AT BOLSTER</b>	SHEATHING <b>---</b>	<b>CARS 2701-2724 CARD. WEST.</b>												
CAPACITY LEVEL FULL - CU. FT. <b>---</b>	CENTER SILL COVER PLATE <b>3/16" X 2 1/2"</b>	SUPERSTRUCTURE <b>---</b>	<b>NY - 11-E</b>												
CAPACITY WITH 10 IN. HEAP CU. FT. <b>---</b>	COUPLER <b>ARA TYPE "E" CAST STEEL 6 1/4" X 8"</b>	UNDERFRAME <b>BUILT UP F.B. TYPE</b>	NOTE-2: <b>TRUCKS FROM 4000-40149</b>												
AVERAGE LOAD LIMIT - LBS. <b>125200</b>	COUPLER RELEASE RIGGING <b>BOTTOM OPERATING</b>	<b>TRUCK DATA</b>													
AVERAGE LIGHT WEIGHT - LBS. <b>51800</b>	DOOR <b>---</b>	BOLSTER <b>CAST STEEL PATT. A-852</b>													
BUILDERS REFERENCE <b>4710</b>	DOOR FIXTURES <b>---</b>	BRAKE BEAM <b>ARA #15</b>													
R. R. SPEC. NO. <b>3 CF</b>	DOOR CLEAR OPENING <b>---</b>	BRAKE BEAM SAFETY <b>CRECO 4 POINT</b>													
	DRAFT GEAR <b>SEE NOTE-1</b>	CENTER PLATE <b>INTEGRAL</b>													
	DRAFT GEAR ATTACHMENT <b>CAST STEEL YOKE</b>	GENERAL DRAWING OF TRUCK NO. <b>---</b>													
	ENDS <b>---</b>	JOURNAL <b>5 1/2" X 10"</b>													
<b>CAR BODY DATA</b>	END LOAD RATIO <b>.0305</b>	SIDE BEARING <b>E. S. WOODS ROLLER</b>													
AIR BRAKE MFG. <b>N.Y.A.B. Co.</b>	FLOORING <b>2 3/4" OAK SQ. EDGE</b>	SIDE FRAME <b>CAST STEEL - PATT. A-851</b>													
AIR BRAKE SCHEDULE <b>"AB" FREIGHT BRAKE</b>	GENERAL DRAWING OF CAR. NO. <b>139-11-204</b>	SPRING <b>A.R.A. STD. TYPE - C 1915</b>													
BODY BOLSTER <b>BUILT UP STEEL</b>	HAND BRAKE <b>"URECO" DROP SHAFT</b>	WHEELS <b>33" DIA 2 1/2" HAND DOUBLE PLT. C. 1</b>													
BODY CENTER PLATE <b>DROP FORGED</b>	LINING END <b>---</b>	WEIGHT OF ONE TRUCK <b>7850 #</b>													
BODY SIDE BEARING <b>CAST STEEL</b>	LINING SIDE <b>---</b>	CENTER PLATE HEIGHT <b>2'-2 3/4"</b>													
CARLINES <b>---</b>	ROOF <b>---</b>														
		CLASS <b>2700-2724</b>													
		CARS													
		<b>50 TON FLAT</b>													
		<b>N.K.P.</b>													
		ADVISORY MECHANICAL COMMITTEE													
		CLEVELAND, OHIO JUNE 29 1934													
		C/D E REVISIONS													
		<table border="1"> <tr> <td>DATE</td> <td>BY</td> <td>NO.</td> <td>DESCRIPTION</td> </tr> <tr> <td>11-11-30</td> <td>...</td> <td>...</td> <td>...</td> </tr> <tr> <td>11-11-30</td> <td>...</td> <td>...</td> <td>...</td> </tr> </table>		DATE	BY	NO.	DESCRIPTION	11-11-30	...	...	...	11-11-30	...	...	...
DATE	BY	NO.	DESCRIPTION												
11-11-30	...	...	...												
11-11-30	...	...	...												
DR	TR	CH	GROUP NO.												
-	E.D.	AP	11												
			SHEET NO.												
			2												



GENERAL DATA		MISCELLANEOUS	
BUILT BY - BETHLEHEM-JOHNSTOWN, PA.	CENTER SILL - BUILT UP STEEL.	SIDE BEARING CENTERS - 4'-2"	NOTE - TRUCKS APPLIED FROM 99350-99449
YEAR BUILT - OCT. 1936.	CENTER SILL AREA - 37.65 SQ. IN.	SHEATHING	
CAPACITY LEVEL FULL - CU. FT.	CENTER SILL COVER PLATE - 5/8" X 2 1/2"	SUPERSTRUCTURE	
CAPACITY WITH 10-IN. HEAP CU. FT.	COUPLER - A.R.R. TYPE "E" 6/4 X 8 SHANK.	UNDERFRAME - BUILT UP F.B. TYPE	
AVERAGE LOAD LIMIT - LBS. - 129400.	COUPLER RELEASE RIGGING - U.M.R. Co. BOTT. OPERATING.	SEE NOTE: - 1 TRUCK DATA - S.H.	
AVERAGE LIGHT WEIGHT - LBS. 47600.	DOOR	BOLSTER - CAST STEEL.	
BUILDERS REFERENCE - DF-8390	DOOR FIXTURES	BRAKE BEAM - A.R.R. NO. 2+	
R. R. SPEC. NO. - 5-CF.	DOOR CLEAR OPENING	BRAKE BEAM SAFETY - CRECO-3-POINT.	
	DRAFT GEAR - PEBBLESS TYPE H-1	CENTER PLATE - C.S. INTEGRAL.	
	DRAFT GEAR ATTACHMENT - A.R.R. C.S. YOKE.	GENERAL DRAWING OF TRUCK NO.	
	ENDS	JOURNAL - 5 1/2" X 10"	
	END LOAD RATIO	SIDE BEARING - ROLLER TYPE	
	FLOORING - 2 1/2" SQUARE EDGE OAK.	SIDE FRAME - C.S. ANDREWS	
	GENERAL DRAWING OF CAR - NO. 139-10-293	SPRING - A.R.R. TYPE "D"	
	HAND BRAKE - UNIVERSAL MULTI-POWER DROP SHAF.	WHEELS - C.I. 33"	
	LINING END	WEIGHT OF ONE TRUCK - 8175#	
	LINING SIDE	CENTER PLATE HEIGHT - 2'-13/4"	
	ROOF		
CAR BODY DATA			
AIR BRAKE MFG. - W.A.B. Co.			
AIR BRAKE SCHEDULE - "AB"			
BODY BOLSTER - BUILT UP STEEL.			
BODY CENTER PLATE - D-FORGED.			
BODY SIDE BEARING - AXLE STEEL.			
CARLINES			
		2725-2774	
		CLASS CARS	
		50 TON FLAT	
		N.K.P.	
		ADVISORY MECHANICAL COMMITTEE	
		CLEVELAND, OHIO DEC. - 15 - 1936	
		REVISONS	
		A/B/C	
		1-20/1-20/1-20	
		15/1/34 44	
		OR TR CH	
		L.H.M. L.H.M. C.M.S.	
		GROUP NO. SHEETS	
		11 3	



WELDED CAR



GENERAL DATA:		MISCELLANEOUS	
BUILT BY - <b>BETH STEEL CO. JOHNSTOWN, PA.</b>	CENTER SILL - <b>2 BETH I BEAM SEC 8 1/2 R.B. TYPE</b>	SHEATHING	NOTE:- 1 - <b>SPRINGS -</b>
YEAR BUILT - <b>OCT. &amp; NOV. 1940</b>	CENTER SILL AREA - <b>42.5 SQ. IN.</b>	SUPERSTRUCTURE	<b>RR 1916 DESIGN COIL 5- OUTER</b>
CAPACITY LEVEL FULL - <b>CU. FT.</b>	CENTER SILL COVER PLATE - <b>6" X 1 1/4"</b>	UNDERFRAME - <b>STEEL R.B. TYPE WELDED</b>	<b>AND 1- CARD- WESTGELSE TYPE</b>
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER - <b>AA TYPE 3" 6 1/4" X 8" BOT. OPER.</b>		<b>1 1/2" FRICTION BOLSTER SPRING</b>
AVERAGE LOAD LIMIT - <b>LBS. - 132100</b>	COUPLER RELEASE RIGGING - <b>STD. RY. EQPT. CO. BOT. OPER.</b>		<b>PER NEST.</b>
AVERAGE LIGHT WEIGHT - <b>LBS. - 44900</b>	DOOR	<b>TRUCK DATA</b>	
BUILDERS REFERENCE - <b>DF-7</b>	DOOR FIXTURES	BOLSTER - <b>C.S. DOUBLE TRUSS</b>	
R. R. SPEC. NO. - <b>3-CF</b>	DOOR CLEAR OPENING	BRAKE BEAM - <b>A.R.R. NO. 15</b>	
	DRAFT GEAR - <b>MINER R-22-18</b>	BRAKE BEAM SAFETY - <b>ORECO 4 POINT</b>	
	DRAFT GEAR ATTACHMENT - <b>C.S. YOKE</b>	CENTER PLATE - <b>CAST INTEGRAL</b>	
	ENDS	GENERAL DRAWING OF TRUCK NO.	
	END LOAD RATIO - <b>.0297</b>	JOURNAL - <b>5 1/2" X 10"</b>	
	FLOORING - <b>2 3/4" SQ. EDGE OAK</b>	SIDE BEARING - <b>STUCKI ROLLER TYPE</b>	
	GENERAL DRAWING OF CAR - <b>NO. 139-10-343</b>	SIDE FRAME - <b>C.S. DOUBLE TRUSS INTEGRAL BOX</b>	
	HAND BRAKE - <b>UNIVERSAL MULTI-POWER D. SHAFT</b>	SPRING - <b>SEE NOTE 1</b>	
	LINING END	WHEELS - <b>33" DIA. 1W.W.S.</b>	
	LINING SIDE	WEIGHT OF ONE TRUCK - <b>7240 #</b>	
	ROOF	CENTER PLATE HEIGHT - <b>2'-1 1/4"</b>	
<b>CAR BODY DATA</b>		<b>REVISIONS</b>	
AIR BRAKE MFG. - <b>W.A.B. Co.</b>		DR	TR
AIR BRAKE SCHEDULE - <b>"AB"</b>		JG	JG
BODY BOLSTER - <b>BUILT UP STEEL</b>			CH
BODY CENTER PLATE - <b>DROP FORGED</b>			GROUP NO.
BODY SIDE BEARING - <b>HARDENED STEEL WEDGE</b>			11
CAR LINES			SHEET NO.
			4

2775-2849

CLASS CARS

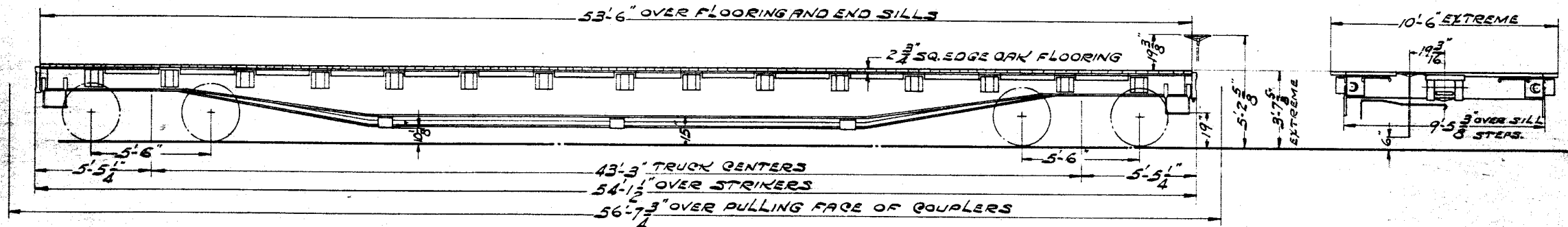
50 TON FLAT

**N.K.P.**

ADVISORY MECHANICAL COMMITTEE  
CLEVELAND, OHIO NOV. 13, 1940

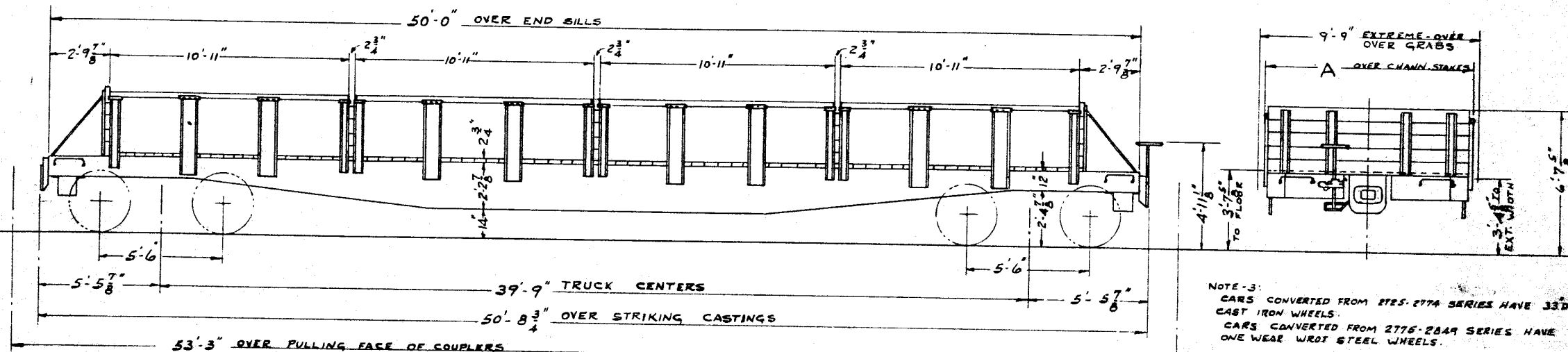
NOTE-2:

24 CARS IN THIS SERIES EQUIPPED FOR HAULING HIGHWAY TRAILERS, SEE SHEETS 19-1, 19-2



<b>GENERAL DATA</b>		<b>MISCELLANEOUS</b>	
BUILT BY - PULL. STD. CAR & MFRG. CO. CLEVELAND	CENTER SILL - BUILT UP STEEL	NOTE: 1 SPRINGS	
YEAR BUILT - NOV. 1942	CENTER SILL AREA - 49.35 SQ. IN.	AAR COIL 1936 DESIGN 4 OUTER	
CAPACITY LEVEL FULL - CU. FT.	CENTER SILL COVER PLATE - 27" X 3/8"	2 I-SIMPLEY UNIT SNUBBER	
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER - AAR 6 1/2" X 8" TYPE "E"	PER NEST.	
AVERAGE LOAD LIMIT - LBS. 127700	COUPLER RELEASE RIGGING - BUILDER		
AVERAGE LIGHT WEIGHT - LBS. - 49300 - NOTE I	DOOR	<b>TRUCK DATA</b>	
BUILDERS REFERENCE - LOT 3720-B	DOOR FIXTURES	BOLSTER - CAST STEEL	
R. R. SPEC. NO. -	DOOR CLEAR OPENING	BRAKE BEAM - A.A.R. NO. 15	
	DRAFT GEAR - MINER A-22-2A	BRAKE BEAM SAFETY - GRIP NUT CO.	
	DRAFT GEAR ATTACHMENT - G.S. YOKES	CENTER PLATE - CAST INTEGRAL	
	ENDS	GENERAL DRAWING OF TRUCK NO.	
	END LOAD RATIO - .0207	JOURNAL - 5 1/2" X 10"	
<b>CAR BODY DATA</b>	FLOORING - 2 3/4" SQ. EDGE	SIDE BEARING - STUCKY ROLLER TYPE	
AIR BRAKE MFG. - W.A.B. Co.	GENERAL DRAWING OF CAR - NO. 139-11-375	SIDE FRAME - G.S. DOUBLE TRUSS INTEG. BOX	
AIR BRAKE SCHEDULE - AA 10 X 12"	HAND BRAKE - UNIVERSAL MULTI-POWER	SPRING - SEE NOTE - 1	
BODY BOLSTER - BUILT UP STEEL	LINING END	WHEELS - AAR 33 DIA. G.I. SINGLE PLT 750 LB	
BODY CENTER PLATE - DROP FORGED	LINING SIDE	WEIGHT OF ONE TRUCK - 7320 #	
BODY SIDE BEARING - HARDENED STEEL	ROOF	CTR. PLT. HGT. - 2'-13/16"	
CARLINES			
		<b>CLASS</b>	
		3000 - 3049	
		<b>CARS</b>	
		50-TON FLAT	
		<b>N.K.P.</b>	
		ADVISORY MECHANICAL COMMITTEE	
		CLEVELAND, OHIO DEC 23, 1942	
		<b>REVISIONS</b>	
7-21 6-20	56 48		
DR	TR	CH	GROUP No.
JGB	JGB	dy	11
			5

DIM. A	LOADING ARREST DWG.	SERIES
9'-7 <sup>3</sup> / <sub>4</sub> "	158-9-74	2500-2544
9'-8 <sup>1</sup> / <sub>2</sub> "	158-9-186	2554-2575



NOTE-3:  
 CARS CONVERTED FROM 2725-2774 SERIES HAVE 33 DIA. CAST IRON WHEELS.  
 CARS CONVERTED FROM 2775-2849 SERIES HAVE 33" DIA. ONE WEAR WROG STEEL WHEELS.

28 CARS 2554-2575 (4 CARS)

GENERAL DATA	
BUILT BY	NOTE - 1
YEAR BUILT	NOTE - 1
CAPACITY LEVEL FULL - CU. FT.	
CAPACITY WITH 10 IN. HEAP CU. FT.	
AVERAGE LOAD LIMIT - LBS.	125360
AVERAGE LIGHT WEIGHT - LBS.	51,640 - WITHOUT BASKETS
BUILDERS REFERENCE	DF-8390
R. R. SPEC. NO.	5-CF
CAR BODY DATA	
AIR BRAKE MFG.	W.A.B. CO.
AIR BRAKE SCHEDULE	"A"
BODY BOLSTER	BUILT UP STEEL
BODY CENTER PLATE	DROP FORGED
BODY SIDE BEARING	ALLE STEEL
CARLINES	

CENTER SILL	BUILT UP STEEL
CENTER SILL AREA	97.65 SQ. IN.
CENTER SILL COVER PLATE	3/8" X 24 1/2"
COUPLER A.A.R. TYPE	"E" 6 1/4" X 8" SHANK
COUPLER RELEASE RIGGING	U.M.P. CO. BOTT. OPERATING
DOOR	
DOOR FIXTURES	
DOOR CLEAR OPENING	
DRAFT GEAR	A.A.R. STAND
DRAFT GEAR ATTACHMENT	CAST STEEL YOKE
ENDS	
END LOAD RATIO	
FLOORING	2 1/4" SQ. EDGE OAK
GENERAL DRAWING OF CAR - NO.	139-10-293
HAND BRAKE	UNIVERSAL MULTI-POWER DROP SHAFT
LINING END	
LINING SIDE	
ROOF	

SIDE BEARING CENTERS	4'-2"
SHEATHING	
SUPERSTRUCTURE	
UNDERFRAME	BUILT UP FISH BELLY TYPE
TRUCK DATA	
BOLSTER	CAST STEEL
BRAKE BEAM	A.A.R. NO. 18
BRAKE BEAM SAFETY	CRECO - 3 POINT
CENTER PLATE	CAST INTEGRAL WITH BOLSTER
GENERAL DRAWING OF TRUCK NO.	
JOURNAL	8 1/2" X 10"
SIDE BEARING	STUCKI - ROLLER
SIDE FRAME	CAST STEEL
SPRING	- SEE NOTE - 2
WHEELS	- SEE NOTE - 3
WEIGHT OF ONE TRUCK	
CENTER PLT. HGT.	2'-13 1/4"

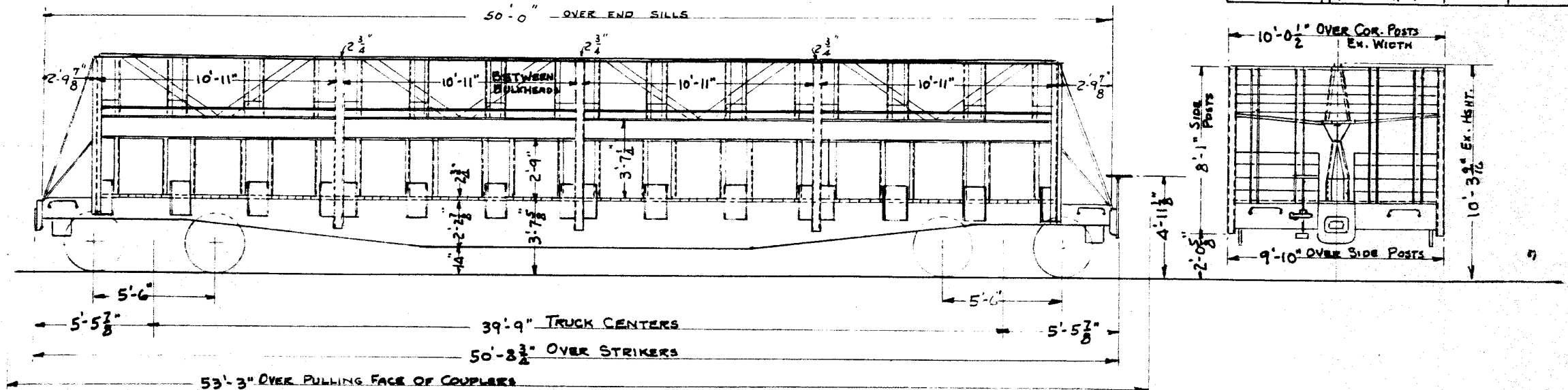
MISCELLANEOUS	
NOTE-1:	CARS BUILT BY BETHLEHEM AT JOHNSTOWN, PA. IN 1936 AND NUMBERED 2725-2774. CARS BUILT IN 1940 NUMBERED 2775-2849. 67 CARS OF ABOVE SERIES WERE EQUIPPED WITH PERMANENT CHANNEL STAKES AND BULKHEADS TO HANDLE 24 WIRE BASKETS PER CAR. WORK WAS DONE AT IRONVILLE SHOP IN 1955 AND CARS WERE RENUMBERED 2800-2544.
NOTE-2:	CARS CONVERTED FROM SERIES 2725-2774 HAVE A.A.R. CLASS "D" SPRINGS. CARS CONVERTED FROM SERIES 2775-2849 HAVE A.A.R. J915 DESIGN COIL 3" OUTER AND CARDWELL WESTINGHOUSE TYPE "A" FRICTION BOLSTER SPRING PER NEST.

50 TON	2500-2544
CLASS	CARS
FORGING CONTAINER CAR	
NKP	
CLEVELAND, OHIO JULY 6, 1956	
REVISIONS	
11-20	12-19-10-24
57	68
DR.	TR
CH	GROUP NO.
EFc	EFc
9/5	11
	SHEET NO.
	6

**NOTE:-**

FIRST DOUBLE DECK CAR CONVERTED IN BREWSTER - 1959  
TEN CONVERTED IN IRONVILLE 1960

WHEELS	SPRINGS	BUILT	ORIGINAL SERIES
CAST IRON	AAR CLASS "D"	1936	2725-2774
1 WWS	AAR 1915 DESIGN 5-OUTER COILS 1-CARD-WEST TYPE "A" PERNAST	1940	2775-2849



**GENERAL DATA**  
 BUILT BY **BETHLEHEM** JOHNSTOWN, PA.  
 YEAR BUILT **SEE TABLE**  
 CAPACITY LEVEL FULL—CU. FT.  
 CAPACITY WITH 10 IN. HEAP CU. FT.  
 AVERAGE LOAD LIMIT—LBS. **115,400**  
 AVERAGE LIGHT WEIGHT—LBS. **61,600 (WITHOUT BASKETS)**  
 BUILDERS REFERENCE  
 R. R. SPEC. NO.

**CAR BODY DATA**  
 AIR BRAKE MFG. **W.A.B. Co.**  
 AIR BRAKE SCHEDULE **AB**  
 BODY BOLSTER **BUILT UP STEEL**  
 BODY CENTER PLATE **DROP FORGED**  
 BODY SIDE BEARING **AXLE STEEL**  
 CARLINES

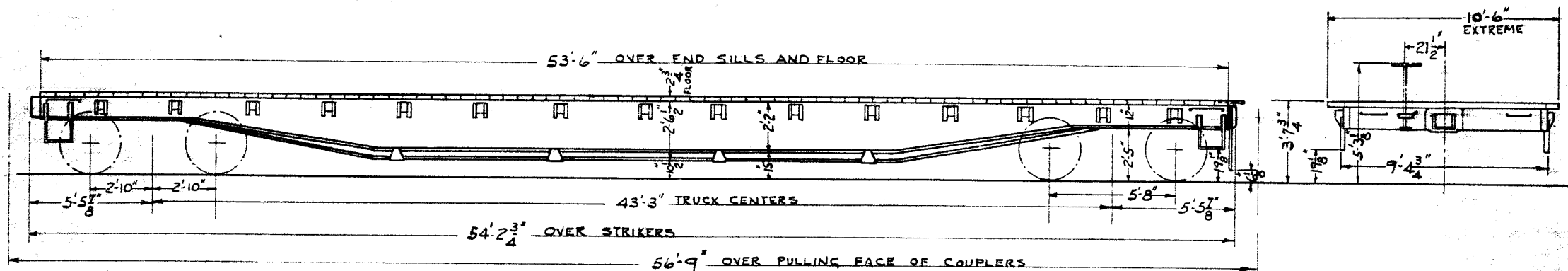
**BUILT UP STEEL**  
 CENTER SILL **37.65 SQ IN**  
 CENTER SILL COVER PLATE **3/8" x 2 1/2"**  
 COUPLER **AAR TYPE E 6 1/2" x 8" SHANK**  
 COUPLER RELEASE RIGGING **UMP Co BOTT. OPER.**  
 DOOR  
 DOOR FIXTURES  
 DOOR CLEAR OPENING  
 DRAFT GEAR **AAR STANDARD**  
 DRAFT GEAR ATTACHMENT **CAST STEEL YOKE**  
 ENDS  
 END LOAD RATIO  
 FLOORING **2 3/4" SQ. EDGE OAK**  
 GENERAL DRAWING OF CAR—NO. **158-11-275**  
 HAND BRAKE **UNIVERSAL MULT. POWER**  
 LINING END  
 LINING SIDE  
 ROOF

**TRUCK DATA**  
 BOLSTER **CAST STEEL**  
 BRAKE BEAM **AAR N#18**  
 BRAKE BEAM SAFETY **CRICO 3 POINT**  
 CENTER PLATE **CAST INTEGRAL WITH BOLSTER**  
 GENERAL DRAWING OF TRUCK NO.  
 JOURNAL **5 1/2" x 10"**  
 SIDE BEARING **STUCKI-ROLLER**  
 SIDE FRAME **CAST STEEL**  
 SPRING **SEE TABLE**  
 WHEELS **SEE TABLE**  
 WEIGHT OF ONE TRUCK  
 CENTER PLT. HGT. **2'-13 1/2"**

**MISCELLANEOUS**  
 SIDE BEARING CENTERS **50"**  
 SHEATHING  
 SUPERSTRUCTURE  
 UNDERFRAME **BUILT-UP FISHBELLY TYPE**

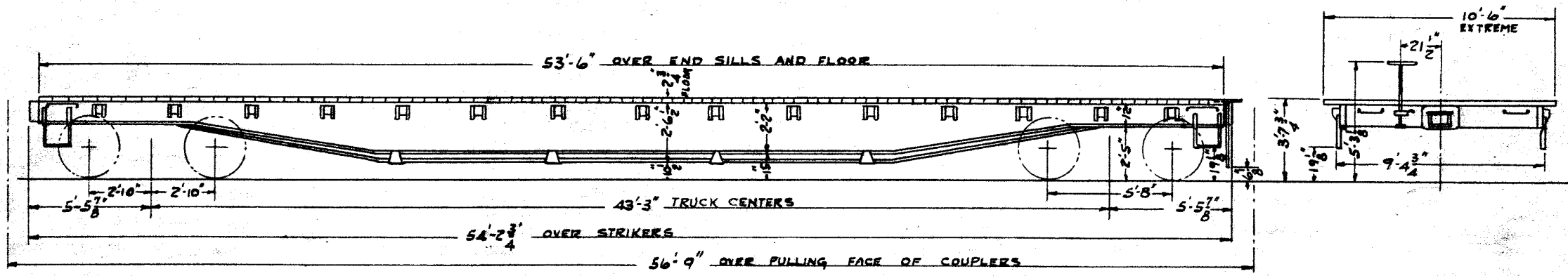
**11 CARS IN**

<b>50-TON</b>	<b>2560-2575</b>			
CLASS	CARS			
<b>FORGING CONTAINER CAR</b>				
<b>NKP</b>				
CLEVELAND, OHIO <b>AUG. 9 1960</b>				
REVISIONS				
DR	TR	CH	GROUP NO.	SHEET NO.
045	045	ERC	11	7



GENERAL DATA		MISCELLANEOUS	
BUILT BY <b>GREENVILLE STEEL CAR CO.</b>	CENTER SILL <b>BUILT UP STEEL - SHAPES &amp; PLATES</b>	SIDE BEARING CENTERS <b>4'-2"</b>	CLASS <b>3100-3249</b>
YEAR BUILT <b>1951</b>	CENTER SILL AREA <b>54.6 SQ. IN. AT BOLSTER</b>	SHEATHING <b>-</b>	CARS <b>CARS</b>
CAPACITY LEVEL FULL - CU. FT. <b>-</b>	CENTER SILL COVER PLATE <b>1/2" X 28" STEEL</b>	SUPERSTRUCTURE <b>-</b>	70 TON FLAT
CAPACITY WITH 10 IN. HEAP CU. FT. <b>-</b>	COUPLER <b>A.A.R. TYPE 'E' 24 X 8" BOTT. OPERATING</b>	UNDERFRAME <b>STEEL</b>	
AVERAGE LOAD LIMIT - LBS. <b>168,600</b>	COUPLER RELEASE RIGGING <b>STAND. RY. EQUIP. ROTARY BOTT. OPER.</b>	TRUCK DATA	
AVERAGE LIGHT WEIGHT - LBS. <b>41,400</b>	DOOR <b>-</b>	BOLSTER <b>CAST STEEL - SEE NOTE 2</b>	
BUILDERS REFERENCE <b>LOT 0-0-567</b>	DOOR FIXTURES <b>-</b>	BRAKE BEAM <b>A.A.R. # 18 WITH ECONOMY WEAR PLT.</b>	
R. R. SPEC. NO. <b>3-70-F</b>	DOOR CLEAR OPENING <b>-</b>	BRAKE BEAM SAFETY <b>DREXEL</b>	
	DRAFT GEAR <b>SEE NOTE 1</b>	CENTER PLATE <b>CAST INTEGRAL WITH BOLSTER</b>	
	DRAFT GEAR ATTACHMENT <b>A.A.R. CAST STEEL YOKE</b>	GENERAL DRAWING OF TRUCK NO. <b>-</b>	
	ENDS <b>-</b>	JOURNAL <b>6" X 11"</b>	
	END LOAD RATIO <b>.0220 AT BOLSTER</b>	SIDE BEARING <b>STUCKI - # 656 C</b>	
	FLOORING <b>2 3/4" WOOD - 59 EDGE</b>	SIDE FRAME <b>CAST STEEL - SEE NOTE 2</b>	
	GENERAL DRAWING OF CAR - NO. <b>139-9-528</b>	SPRING <b>SEE NOTE 3</b>	
	HAND BRAKE <b>UNIVERSAL - DROP TYPE</b>	WHEELS <b>ONE WEAR WROT STEEL</b>	
	LINING END <b>-</b>	WEIGHT OF ONE TRUCK <b>8320 #</b>	
	LINING SIDE <b>-</b>	NOTE 1: CARS 3100-3199 HAVE MINERA 22-1L DRAFT GEARS CARS 3200-3249 HAVE WAUGH 420 DRAFT GEARS	
	ROOF <b>-</b>	NOTE 2: CARS ARE EQUIPPED WITH A-3 RIDE CONTROL TRUCKS.	
		NOTE 3: CARS ARE EQUIPPED WITH 7 OUTER COILS AND 1 INNER COIL A.A.R. 1947 SPRINGS AT 2 1/2" TRAVEL, ALSO 2 A-3 RIDE CONTROL DOUBLE COIL SPRINGS PER NEST.	
		NOTE 4: CARS 3100-3174 HAVE KING AUTOMATIC SLACK ADJUSTER CARS 3175-3249 HAVE ATAX MECHANICAL TYPE 'A' AUTOMATIC SLACK ADJUSTER	
CAR BODY DATA		REVISIONS	
AIR BRAKE MFG. <b>WESTINGHOUSE AIR BRAKE CO.</b>	AIR BRAKE SCHEDULE <b>'AB'</b>	3-30-29	
BODY BOLSTER <b>BUILT UP STEEL</b>	BODY CENTER PLATE <b>STEEL - DROP FORGED</b>	53	26
BODY SIDE BEARING <b>AXLE HARDENED STEEL</b>	BODY CENTER PLT. HGT. <b>- 2'-1 3/4"</b>	OR	TR
		CH	GROUP NO.
		EFC	12
		83	SHEET NO.
			1

REMARKS	WT. OF 1 TRUCK	SIDE FRAME	BRAKE BEAM SFTY	BOLSTER	CARS
2ND HAND FROM SERIE 66000-46049	9370 LBS.	CAST STEEL	CRECO 3-POINT	CAST STEEL	3250-3274
A-3 RIDE CONTROL	8320 LBS.	CAST STEEL	LEDGES ON SIDE FRAMES	CAST STEEL	3275-3349



GENERAL DATA		MISCELLANEOUS	
BUILT BY <b>NKP - BREWSTER, OHIO</b>	CENTER-SILL <b>BUILT UP STEEL - SHAPES &amp; PLATES</b>	SIDE BEARING CENTERS <b>4'-2"</b>	NOTE-1: CARS 3250-3274 ARE EQUIPPED WITH 6 OUTER COILS A.A.R. 1947 SPRINGS AT 2 1/2" TRAVEL, AND 1 CARDWELL WEST. TYPE A-2 1/2 FRICTION SNUBBER PER NEST. CARS 3275-3349 ARE EQUIPPED WITH 7 OUTER COILS AND 1 INNER COIL A.A.R. 1947 SPRINGS AT 2 1/2" TRAVEL, ALSO 2 A-3 RIDE CONTROL DOUBLE COIL SPRINGS PER NEST.
YEAR BUILT <b>1957</b>	CENTER SILL AREA <b>54.6 SQ. IN. AT BOLSTER</b>	SHEATHING <b>-</b>	CARS 3250-3274 ARE EQUIPPED WITH 6 OUTER COILS A.A.R. 1947 SPRINGS AT 2 1/2" TRAVEL, AND 1 CARDWELL WEST. TYPE A-2 1/2 FRICTION SNUBBER PER NEST.
CAPACITY LEVEL FULL - CU. FT. <b>-</b>	CENTER SILL COVER PLATE <b>1/2" X 28" STEEL</b>	SUPERSTRUCTURE <b>-</b>	CARS 3275-3349 ARE EQUIPPED WITH 7 OUTER COILS AND 1 INNER COIL A.A.R. 1947 SPRINGS AT 2 1/2" TRAVEL, ALSO 2 A-3 RIDE CONTROL DOUBLE COIL SPRINGS PER NEST.
AVERAGE LOAD LIMIT - LBS. <b>188,500</b>	COUPLER A.A.R. TYPE <b>E' 6 1/4" X 8" BOTT. OPERATING</b>	UNDERFRAME <b>STEEL</b>	CARS EQUIPPED WITH ATAX PNEUMATIC AUTOMATIC TYPE A-1 SLACK ADJUSTER
AVERAGE LIGHT WEIGHT - LBS. <b>61,500</b>	COUPLER RELEASE RIGGING <b>STAND. RY. EQUIP. ROBERT BOTT. OPER.</b>	TRUCK DATA	
BUILDERS REFERENCE <b>-</b>	DOOR <b>-</b>	BOLSTER <b>SEE TABLE</b>	
B. F. SPEC. NO. <b>-</b>	DOOR FIXTURES <b>-</b>	BRAKE BEAM <b>A.A.R. #18</b>	
	DOOR CLEAR OPENING <b>-</b>	BRAKE BEAM SAFETY <b>SEE TABLE</b>	
	DRAFT GEAR A.A.R. <b>APPROVED TYPE - 24 5/8" POCKET</b>	CENTER PLATE <b>CAST INTEGRAL WITH BOLSTER</b>	
	DRAFT GEAR ATTACHMENT <b>A.A.R. CAST STEEL YOKE</b>	GENERAL DRAWING OF TRUCK NO. <b>-</b>	
	ENDS <b>-</b>	JOURNAL <b>6" X 11"</b>	
	END LOAD RATIO <b>.0220 AT BOLSTER</b>	SIDE BEARING <b>STUCKI - #656 C</b>	
	FLOORING <b>2 3/4" WOOD - SQ. EDGE</b>	SIDE FRAME <b>SEE TABLE</b>	
	GENERAL DRAWING OF CAR - NO. <b>139-9-528</b>	SPRING <b>SEE NOTE-1</b>	
	HAND BRAKE <b>UNIVERSAL - DROP TYPE</b>	WHEELS <b>ONE WEAR WROT STEEL</b>	
	LINING END <b>-</b>	WEIGHT OF ONE TRUCK <b>SEE TABLE</b>	
	LINING SIDE <b>-</b>		
	ROOF <b>-</b>		
CAR BODY DATA		REVISIONS	
AIR BRAKE MFG. <b>FROM STORES STOCK</b>		10-57	
AIR BRAKE SCHEDULE <b>"AB"</b>		DR	TR
BODY BOLSTER <b>BUILT UP STEEL</b>		CH	GROUP NO.
BODY CENTER PLATE <b>STEEL - DROP FORGED</b>		12	
BODY SIDE BEARING <b>HARDENED AXLE STEEL</b>		SHEET NO.	
BODY CENTER PLT. HGT. <b>2' 13/4"</b>		2	

3250-3349

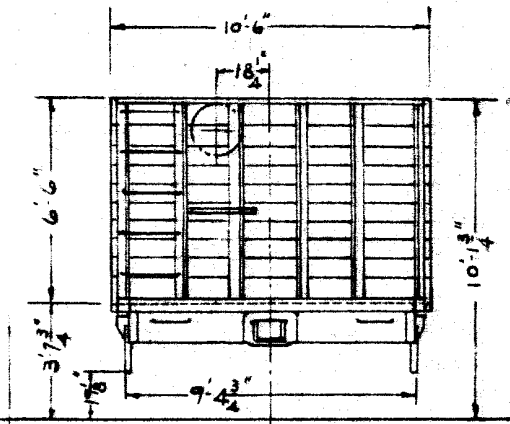
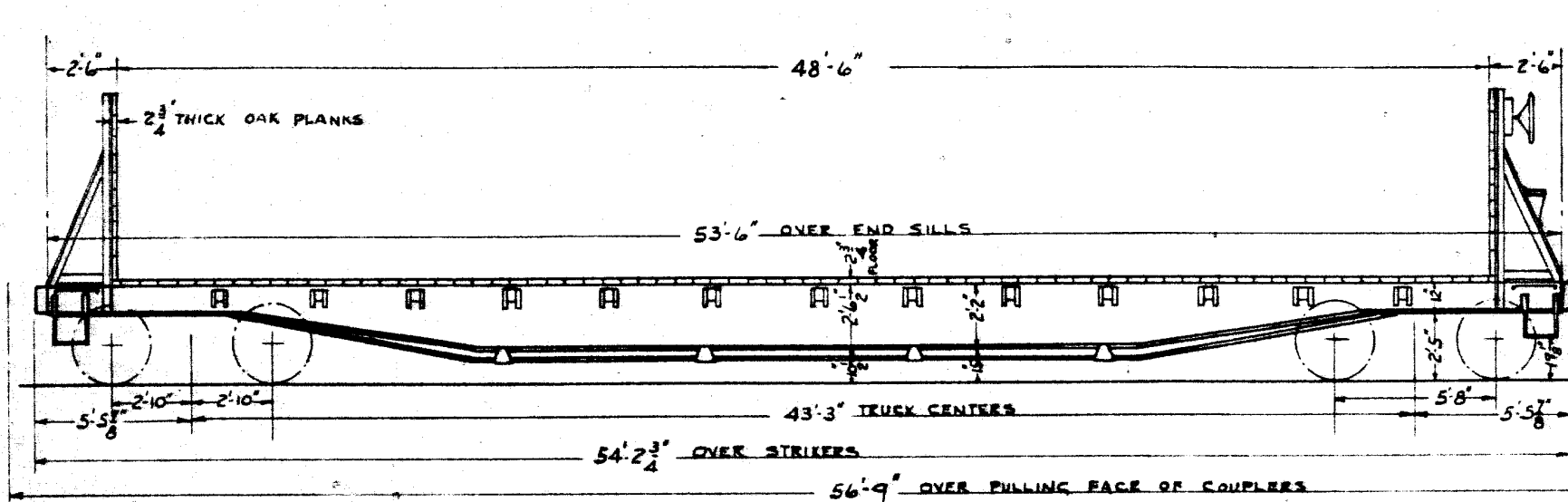
CLASS CARS

70 TON FLAT

NKP

MECHANICAL DEPARTMENT  
CLEVELAND, OHIO JUNE 25, 1957

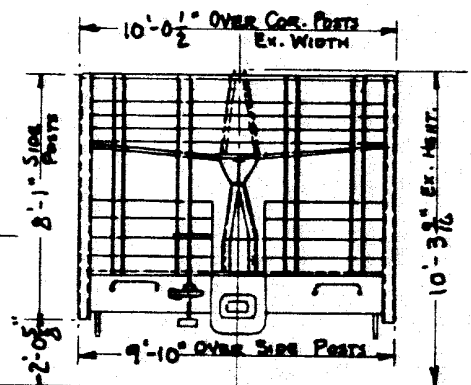
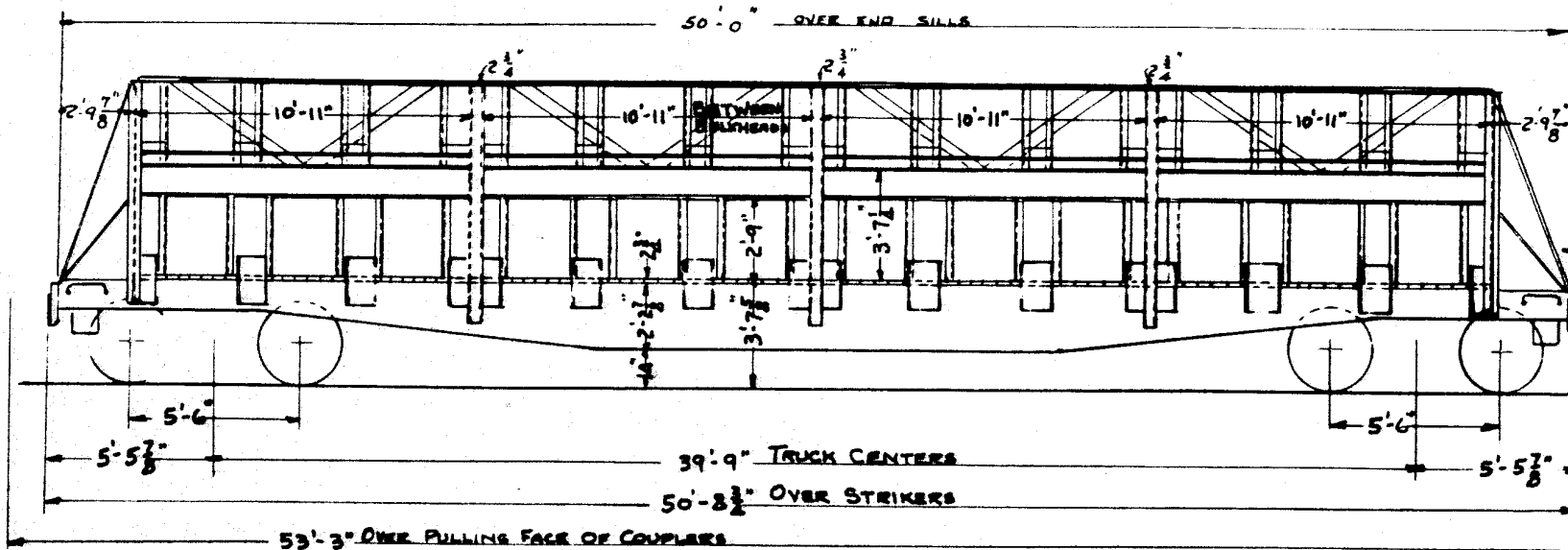
DR	TR	CH	GROUP NO.	SHEET NO.
E <sub>FC</sub>	E <sub>FC</sub>	ONS	12	2



NOTE 5: -BULHEADS APPLIED MAR. & APR. 1960 AT CONNEAUT.

<b>GENERAL DATA</b> BUILT BY GREENVILLE STEEL CAR CO. YEAR BUILT 1951, CONVERTED 1960 CAPACITY LEVEL FULL - CU. FT. - CAPACITY WITH 10 IN. HEAR CU. FT. - AVERAGE LOAD LIMIT - LBS. 153,400 AVERAGE LIGHT WEIGHT - LBS. 60,000 BUILDERS REFERENCE LOT 0.0 367 R. R. SPEC. NO. 3-70-F		<b>CENTER SILL</b> BUILT UP STEEL - SHAPES & PLATES CENTER SILL AREA 54.6 SQ IN. - AT BOLSTER CENTER SILL COVER PLATE 1/2" X 28" STEEL COUPLER A.A.R. TYPE "E" 6 1/2 X 8" BOTT. OPERATING COUPLER RELEASE RIGGING STAND-BY EQUIP. ROTARY BOTT. OPER.		<b>SIDE BEARING CENTERS</b> 2'-2" SHEATHING - SUPERSTRUCTURE - UNDERFRAME STEEL		<b>MISCELLANEOUS</b> NOTE 1: CARS HAVE MINER 27-KL DRAFT GEARS NOTE 2: CARS ARE EQUIPPED WITH A-3 SIDE CONTROL TRUCKS. NOTE 3: CARS ARE EQUIPPED WITH 7 OUTER COILS AND 1 INNER COIL A.A.R. 1947 SPRINGS AT 2 1/2' TRAVEL. ALSO 2 A-3 SIDE CONTROL DOUBLE COIL SPRINGS PER NEST. NOTE 4: FIVE CARS HAVE AJAX MECH. TYPE "A" SLACK ADJUSTER. TEN CARS HAVE KING AUTOMATIC SLACK ADJ.		3185, 3186, 3115, 3116, 3121, 3124, 3126, 3128, 3155, 3160, 3177, 3184, 3186, 3188, 3189 <b>70 TON FLAT</b> <b>NKP</b> MECHANICAL DEPARTMENT CLEVELAND, OHIO APRIL 6, 1960 REVISIONS	
<b>CAR BODY DATA</b> AIR BRAKE MFG. WESTINGHOUSE AIR BRAKE CO. AIR BRAKE SCHEDULE "A" BODY BOLSTER BUILT UP STEEL BODY CENTER PLATE STEEL - DROP FORGED BODY SIDE BEARING AXLE HARDENED STEEL BODY CENTER PLT. HGT. - 2'-1 3/4"		<b>DOOR</b> DOOR FIXTURES - DOOR CLEAR OPENING - DRAFT GEAR SEE NOTE 1 DRAFT GEAR ATTACHMENT A.A.R. CAST STEEL YOKE ENDS - END LOAD RATIO 1:0820 AT BOLSTER FLOORING 2 3/4" WOOD - SP-EDGE GENERAL DRAWING OF CAR - NO. 129-9-526, 158-11-262 HAND BRAKE - LINING END - LINING SIDE - ROOF -		<b>TRUCK DATA</b> BOLSTER CAST STEEL - SEE NOTE 2 BRAKE BEAM A.A.R. #18 WITH ECONOMY WEAR PLT. BRAKE BEAM SAFETY DREXEL CENTER PLATE CAST INTEGRAL WITH BOLSTER GENERAL DRAWING OF TRUCK NO. JOURNAL 6" X 11" SIDE BEARING STUCKI - #650 C SIDE FRAME CAST STEEL - SEE NOTE 2 SPRING SEE NOTE 3 WHEELS ONE WEAR WROT STEEL WEIGHT OF ONE TRUCK 8320#		DR TR CH GROUP NO. SHEET No. E <sub>1</sub> E <sub>2</sub> E <sub>3</sub> O <sub>1</sub> O <sub>2</sub> O <sub>3</sub> 12 3			

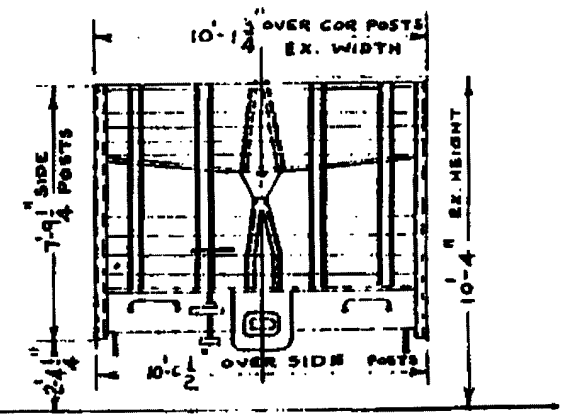
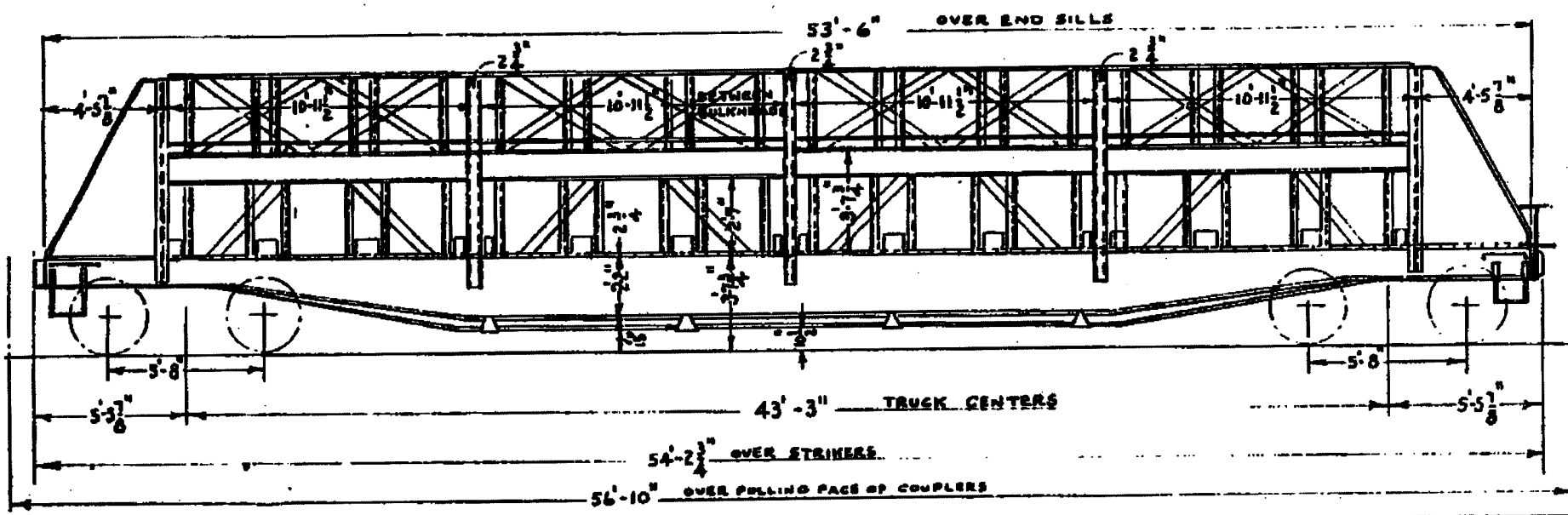




NOTE - 1:  
CARS 2506, 2531 HAVE 60"  
SIDE BEARING CENTERS.

24 CARS IN

<b>GENERAL DATA</b> BUILT BY <b>BETHLEHEM JOHNSBORO PA.</b> YEAR BUILT <b>1936 &amp; 1940</b> CAPACITY LEVEL FULL - CU. FT. CAPACITY WITH 10 IN. HEAP CU. FT. AVERAGE LOAD LIMIT - LBS. <b>154,200</b> AVERAGE LIGHT WEIGHT - LBS. <b>65,800 (WITHOUT BASKETS)</b> BUILDERS REFERENCE R. R. SPEC. NO.		<b>CENTER SILL</b> BUILT UP STEEL CENTER SILL AREA <b>37.65 SQ IN.</b> CENTER SILL COVER PLATE <b>3/8" x 24 1/2"</b> COUPLER <b>AAR TYPE E 6 1/4" x 8" SHANK</b> COUPLER RELEASE RIGGING <b>UMP Co. BOTTL. OPER.</b> DOOR DOOR FIXTURES DOOR CLEAR OPENING DRAFT GEAR <b>AAR STANDARD</b> DRAFT GEAR ATTACHMENT <b>CAST STEEL YOKER</b> ENDS END LOAD RATIO FLOORING <b>2 3/8" SO. EDGE OAK</b> GENERAL DRAWING OF CAR - NO. <b>168-11-275</b> HAND BRAKE <b>UNIVERSAL MULT. POWER</b> LINING END LINING SIDE ROOF		<b>SIDE BEARING CENTERS</b> <b>50" (SEE NOTE 1-)</b> SHEATHING SUPERSTRUCTURE UNDERFRAME <b>BUILT-UP MEMBERLY TYPE</b> <b>TRUCK DATA (22 CARS)</b> BOLSTER <b>CAST STEEL</b> BRAKE BEAM <b>AAR NO 15</b> BRAKE BEAM SAFETY <b>CRICO 4 POINT</b> CENTER PLATE <b>CAST INTEGRAL WITH BOLSTER</b> GENERAL DRAWING OF TRUCK NO. JOURNAL <b>6" x 11"</b> SIDE BEARING <b>STUCKI-ROLLER</b> SIDE FRAME <b>CAST STEEL</b> SPRING <b>AAR 1915, 7 DOUBLE CONS PER NEST</b> WHEELS <b>ONE WEAR</b> WEIGHT OF ONE TRUCK <b>8610 LBS.</b> CENTER PLT. HGT. <b>2'-2 3/4"</b>		<b>MISCELLANEOUS</b> <b>TRUCK DATA (2 CARS, 2506, 2531)</b> CAST STEEL AAR NO 2+ ANGLE RIVETED TO SPRING PLANK CAST INTEGRAL WITH BOLSTER <b>6" x 11"</b> FRICTION BLOCK CAST STEEL AAR CLASS "H" MULTIPLE WEAR, 33" DIA. <b>2'-1 7/8"</b>		<b>70-TON</b> <b>2500-2572</b> CLASS CARS <b>D.D. FORGING CONT'R CAR</b> <h1 style="text-align: center;">NKP</h1> CLEVELAND, OHIO <b>JULY 10, 1962</b> REVISIONS <table border="1" style="width: 100%; text-align: center;"> <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>12</td> <td>4</td> </tr> </table>		DR	TR	CH	GROUP NO.	SHEET NO.				12	4
DR	TR	CH	GROUP NO.	SHEET NO.															
			12	4															



CONVERTED FROM SERIES 3100-3249

**GENERAL DATA**  
 BUILT BY GREENVILLE STL. CAR CO. (SEE NOTE 1)  
 YEAR BUILT 1961  
 CAPACITY LEVEL FULL - CU. FT. -  
 CAPACITY WITH 10 HL. HEAP CU. FT. -  
 AVERAGE LOAD LIMIT - LBS. 139,000  
 AVERAGE LIGHT WEIGHT - LBS. 8,000  
 BUILDING REFERENCE LOT - D.C. 867  
 S. R. SPEC. NO. 3-90-F

**CAR BODY DATA**  
 AIR BRAKE WITH WESTINGHOUSE AIR BRAKE CO.  
 AIR BRAKE GENERAL "A-B"  
 BODY BOLSTER BUILT UP STEEL  
 BODY CENTER PLATE STEEL - DROP FORGED  
 BODY SIDE BEARING AXLE HARDENED STEEL  
 BODY CENTER PLY. HGT. - 3'-1 3/4"

**CENTER BOLL** BUILT UP STEEL - SHAPES & PLATES  
 CENTER BOLL AREA 54.6 SQ. IN. - AT BOLSTER  
 CENTER BOLL COVER PLATE 1/2" X 28" STEEL  
 COUPLER A.A.R. TYPE 6 1/4" X 8" BOTT. OPERATING  
 COMPLY IN HOUSING BRIDGE STAND BY. EQUIP. BOLT OUTLINE  
 BODY  
 DOOR FIT TIGHT  
 DOOR CLEAN OPENING  
 DRAFT GEAR CARBONELL-WEST MARK-40  
 DRAFT GEAR ATTACHED BY AAR CAST STEEL YOKE  
 BODY  
 END LUNG DATA .0220 AT BOLSTER  
 FITTINGS 2 3/4" WOOD SQ. EDGE  
 GENERAL DRAWING BY CAR NO. 139-9-928, 158-11-336  
 HAND DRUM UNIVERSAL - MULT. POWER  
 L. DRUM DIA. -  
 L. DRUM DIA. -  
 HOOP -

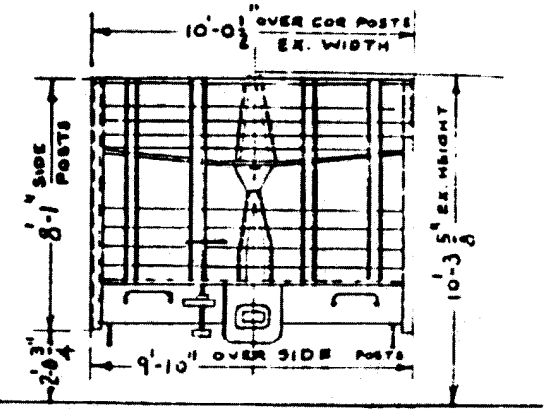
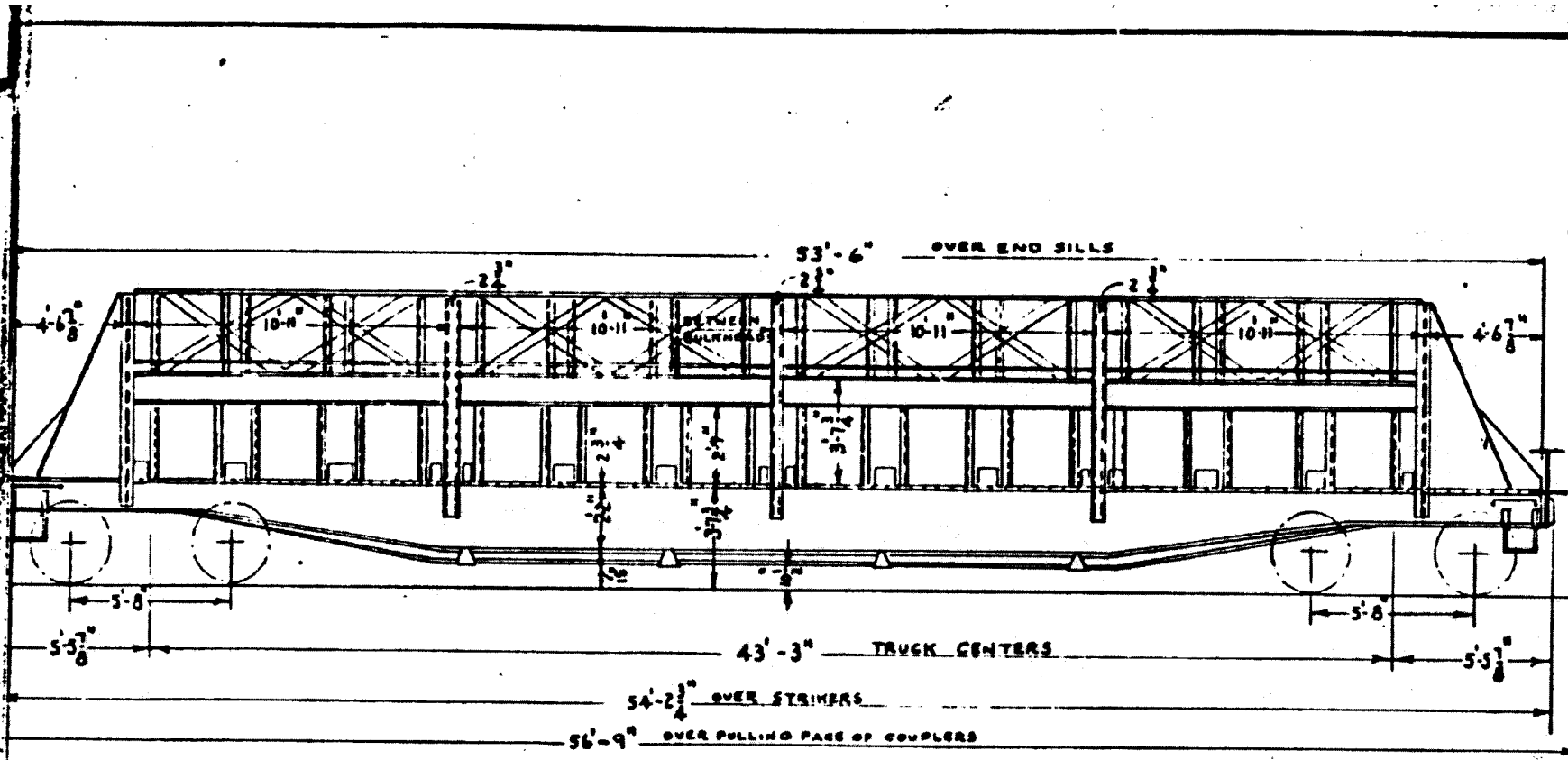
**TRUCK DATA**  
 SIDE BEARING CAPACITY 4'-2"  
 SHEATHING - STEEL  
 TUBES - STEEL  
 TRUCK DATA  
 MAIN FLYER CAST STEEL - SEE NOTE-2  
 BRACE BEAM AAR #18 WITH ECONOMY WEAR PLT.  
 BRACE BEAM BOLT DREXEL  
 CENTER BEAM ALL CAST INTEGRAL WITH BOLSTER  
 GENERAL DRAWING BY CAR NO. 139-9-928  
 HOOPING 6" X 11"  
 TIRE WEAR - STUCKI - # 656-C  
 L. & R. HOOKS CAST STEEL - SEE NOTE-2  
 SPRING SEE NOTE-3  
 WHEEL ONE WEAR WASTY STEEL  
 DRUM DIA. 8320 #

**MISCELLANEOUS**  
 NOTE-1:  
 DOUBLE DECK SUPERSTRUCTURE APPLIED BY NKP IN 1964.  
 NOTE-2:  
 CARS ARE EQUIPPED WITH A-3 RIDE CONTROL TRUCKS.  
 NOTE-3:  
 CARS ARE EQUIPPED WITH 2 OUTER COILS AND 1 INNER COIL AAR 1947 SPRINGS AT 2 1/2" TRAVEL, ALSO 2 A-B RIDE CONTROL DOUBLE COIL SPRINGS PER HEST.  
 NOTE-4:  
 CARS HAVE KING AUTOMATIC SLACK ADJUSTER OR AJAX MECHANICAL TYPE "A" AUTOMATIC SLACK ADJUSTER.

3101, 3129, 3132, 3143, 3144, 3156, 3170, 3172, 3176, 3181, 3185, 3197, 3198, 3203, 3229, 3226, 3237

**70 TON**  
**D.D. FORGING CONT'R CAR**  
**NKP**  
 FEB. 25, 1964

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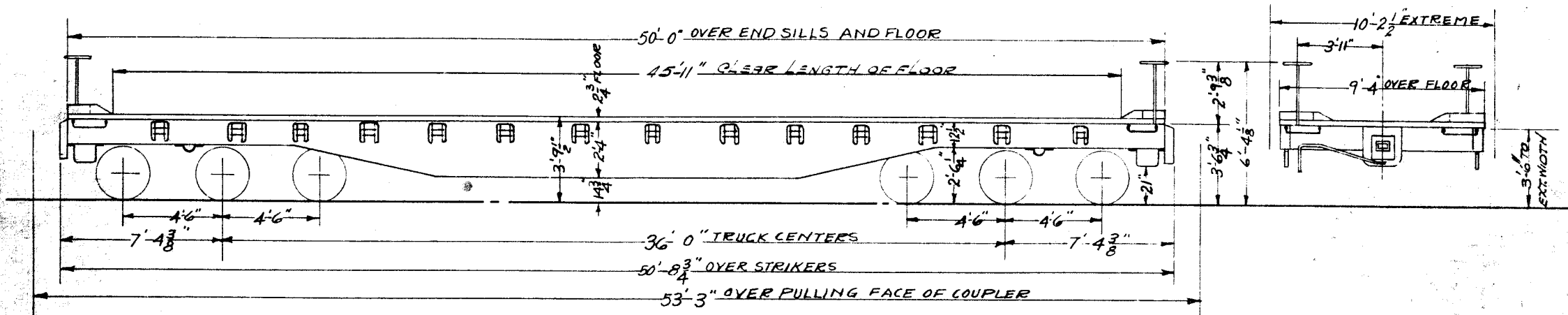


CONVERTED FROM SERIES 3100-3249

GENERAL DATA	CENTERSHILL BUILT UP STEEL - SHAPES & PLATES	TRUCK DATA	MISCELLANEOUS
GREENVILLE STL. CAR CO. (SEE NOTE 1) 1961	CENTERSHILL AREA 54 6 99. IN. - AT BOLSTER CENTER SHL. "JOINED PLATE" 1/2" X 2 1/2" STEEL COMPLEX A.A.B. TYPE 2 1/2" X 1/4" X 1/2" RATT OPERATING COUPLER RELEASE RIGGING STAND BY EQUIP. ROTARY DUTY SPRG	5' OF BEARING CENTERED 4'-2" SHEATING - RIP OR L. SIDE STEEL MATERIAL STEEL	NOTE 1: DOUBLE DECK SUPERSTRUCTURE TRANSFERRED FROM 50 TON CARS IN 1964 NOTE 2: CARS ARE EQUIPPED WITH A-3 RIDE CONTROL TRACKS NOTE 3: CARS ARE EQUIPPED WITH 7 OUTER COILS AND 1 INNER COIL AKA TWIN SPRINGS AT 2 1/8" TRAVEL, ALSO 2 A-3 RIDE CONTROL DOUBLE COIL SPRINGS PER WHEEL NOTE 4: CARS HAVE HINGE AUTOMATIC SLACK ADJUSTER OR RYAN MECHANICAL TYPE A AUTOMATIC SLACK ADJUSTER
LEVEL FULL CO PT - WIDTH TO BE HEAD OF PT - LIGHT WEIGHT - 100 142,500 LIGHT WEIGHT - 100 11,800 DEPENDENCE LOT - O.O. 267 S. NO 2-10-F	WOOD L. END OPENING - DRIVE SHAFT CARDWELL-WEST MARK 40 DRIVE SHAFT OPENING A.A.B. CAST STEEL YANE	GENERAL WEIGHTING OF TRUCK - ORIGINAL 67,000 LB BLUE STAR NO STEVENI - 632,000 TYPE FRAME CAST STEEL - SEE NOTE 2 SPRINGS SEE NOTE 3 WHEELS AND WHEEL IRON STEEL WEIGHT OF DR. TRUCK 22,000	3127-3131-3136-3139-3142-3194 3204-3229 <b>70 TON</b> <b>D.D. FORGING CONT'R CAR</b> <b>NKP</b> C.E.V. AND J.W.D. FEB. 25 1961
CAR BODY DATA WING WASHINGTON AIR BRAKE CO. GENERAL - CAB TRUCK BUILT UP STEEL WHEEL IRON STEEL - DRIP FORGED LOADING AXLE HARDENED STEEL WHEEL IRON STEEL - 2-13/4"	DRY END DATA 10000 AT BOLSTER W. END 2 3/4" WOOD 69,8000 GENERAL WEIGHTING OF CAR - 124-9-212 150-11-216 HAND BRAKE UNIVERSAL - PULV. POWER WHEEL IRON STEEL WHEEL IRON STEEL DRY END DATA 22,000		UP TR CH GROUP NO 12 6

MAX. CURVE - UNCOUPLED = 40°

NOTE: -1  
 IN ADDITION TO LOADING AS PER RULE NO. 4 THESE CARS CAN CARRY  
 THE STENCILED LOAD LIMIT, IF LENGTH OF LOAD IS NOT LESS THAN  
 16'-0" AND LOAD IS CENTRALLY LOCATED ON CAR, CONCENTRATED  
 LOADS LESS THAN 16'-0" LONG MUST NOT EXCEED 75 PER CENT  
 OF THE STENCIL LOAD LIMIT.



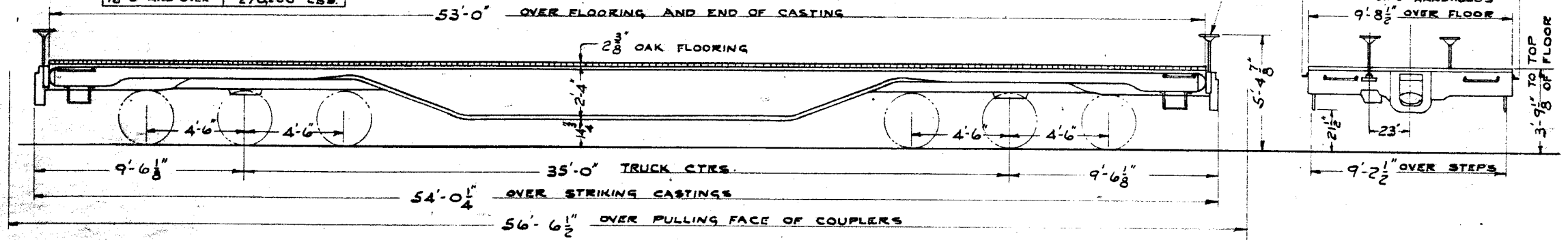
GENERAL DATA		MISCELLANEOUS	
BUILT BY - <b>A.C.&amp;F.Co. CHICAGO.</b>	CENTER SILL - <b>BUILT UP STEEL F.B. TYPE.</b>	SIDE BEARING CENTERS - <b>3'-10"</b>	NOTE - 2:
YEAR BUILT - <b>SEPT. 1936.</b>	CENTER SILL AREA - <b>35.25 SQ. IN.</b>	SHEATHING	END CASTING INCLUDING BOLSTER, CENTER
CAPACITY LEVEL FULL - <b>CU. FT.</b>	CENTER SILL COVER PLATE - <b>1/2" X 2 1/2"</b>	SUPERSTRUCTURE	PLATE, DRAFT SILLS AND STRIKER CAST IN
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER - <b>A.R.R. TYPE "E" 6/4 X 8" SHANK.</b>	UNDERFRAME - <b>BUILT UP F.B. TYPE. - SEE NOTE 2</b>	ONE PIECE, FURNISHED BY G.S.C. CORP.
AVERAGE LOAD LIMIT - <b>LBS. - 253,600.</b>	COUPLER RELEASE RIGGING - <b>UMR Co. BOT. OPERATING.</b>	TRUCK DATA	
AVERAGE LIGHT WEIGHT - <b>LBS. - 7,640.</b>	DOOR	BOLSTER - <b>C.S.</b>	
BUILDERS REFERENCE - <b>LOT - 1615.</b>	DOOR FIXTURES	BRAKE BEAM - <b>A.R.R. #6 WITH MALL. HEADS.</b>	
R. R. SPEC. NO. - <b>G-CF.</b>	DOOR CLEAR OPENING	BRAKE BEAM SAFETY - <b>CRECO - 4-POINT.</b>	
	DRAFT GEAR - <b>NATIONAL M-17-A.</b>	CENTER PLATE - <b>C.S. INTEGRAL.</b>	
	DRAFT GEAR ATTACHMENT - <b>A.R.R. C.S. YOKE</b>	GENERAL DRAWING OF TRUCK NO. <b>184-11-84</b>	
	ENDS	JOURNAL - <b>6" X 11"</b>	
	END LOAD RATIO	SIDE BEARING - <b>AXLE STEEL</b>	
	FLOORING - <b>3/4" SQUARE EDGE OAK.</b>	SIDE FRAME - <b>CAST STEEL.</b>	
	GENERAL DRAWING OF CAR NO. <b>134-11-260</b>	SIDE BEARING - <b>AXLE STEEL</b>	
	HAND BRAKE - <b>UNIVERSAL MULTI-POWER DROP SHAFT.</b>	SPRING - <b>A.R.R. #15 COIL-3 OUTER-3 INNER-1 CARD FRICTION PINS</b>	
	LINING END	WHEELS - <b>30" DAVIS WROT STEEL</b>	
	LINING SIDE	WEIGHT OF ONE TRUCK <b>17,700 #</b>	
	ROOF	CENTER PLATE HEIGHT - <b>2'-5 1/4"</b>	
CAR BODY DATA			
AIR BRAKE MFG. - <b>W.A.B. Co.</b>			
AIR BRAKE SCHEDULE - <b>"AB"</b>			
BODY BOLSTER - <b>C.S. INTEGRAL WITH END CAST.</b>			
BODY CENTER PLATE - <b>C.S. INTEGRAL.</b>			
BODY SIDE BEARING - <b>AXLE STEEL</b>			
CARLINES			
		CLASS	
		2900-2901	
		CARS	
		115 TON FLAT	
		<b>N.K.P.</b>	
		ADVISORY MECHANICAL COMMITTEE	
		CLEVELAND, OHIO - DEC. -15-1936	
		REVISIONS	
		A/B/C 2	
		1-23-37 11/12/37 4-24/33 10/7-23	
		27/37/40 41 44 53 56	
		GROUP NO.	
		SHEET NO.	
		13	
		1	

APPROX. CENTER OF GRAVITY =  $27\frac{1}{2}$ " ABOVE RAIL

LENGTH OF LADING AT CENTER	MAX. LOAD
2'-0"	203,300 LBS.
4'-0"	209,300 LBS.
6'-0"	215,700 LBS.
8'-0"	222,400 LBS.
10'-0"	229,600 LBS.
12'-0"	237,200 LBS.
14'-0"	245,400 LBS.
16'-0"	254,200 LBS.
18'-0" AND OVER	270,200 LBS.

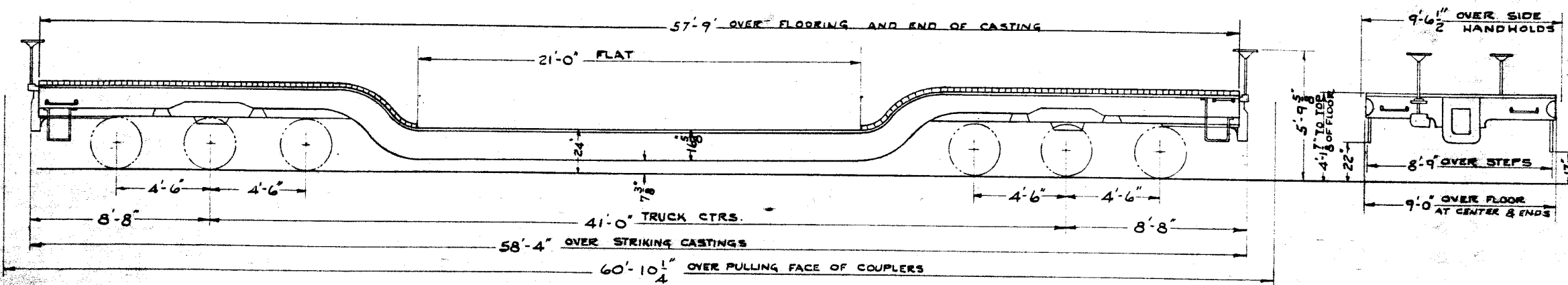
MAX. CURVE =  $39^\circ$  (UNCOUPLED CAR)

UNIVERSAL MULTI-POWER HAND BRAKE WITH DROP BRAKE STAFF. AT EACH END OF CAR.



GENERAL DATA		MISCELLANEOUS	
BUILT BY N.K.P. AT FRANKFORT, IND.	CENTER SILL	SIDE BEARING CENTERS 4'-2"	NOTE-1: SPRINGS
YEAR BUILT AUG. 1953	CENTER SILL AREA	SHEATHING	3-OUTER COIL, 3-INNER COIL A.A.R.
CAPACITY LEVEL FULL—CU. FT. —	CENTER SILL COVER PLATE	SUPERSTRUCTURE	1936 DESIGN AND ONE CARDWELL
CAPACITY WITH 16 IN. HEAP CU. FT. —	COUPLER A.A.R. TYPE "E" - SWIVEL BUTT	UNDERFRAME CAST STEEL (ONE PIECE)	SNUBBER PER NEST.
AVERAGE LOAD LIMIT—LBS. 270,200 SEE TABLE	COUPLER RELEASE RIGGING STD. RY. EQUIP. CO. BOTT. OPER.	TRUCK DATA	
AVERAGE LIGHT WEIGHT—LBS. 106,300	DOOR	BOLSTER CAST INTEGRAL WITH SIDE FRAME	
BUILDERS REFERENCE	DOOR FIXTURES	BRAKE BEAM A.A.R. NO. 18	
R. R. SPEC. NO.	DOOR CLEAR OPENING	BRAKE BEAM SAFETY STRAP & CHAIN	
	DRAFT GEAR A.A.R. FRICTION TYPE	CENTER PLATE CAST STEEL - DWG. 185-2-1223	
	DRAFT GEAR ATTACHMENT CAST STEEL YOKE	GENERAL DRAWING OF TRUCK NO. 184-11-187	
	ENDS	JOURNAL 6 1/2" X 12	
	END LOAD RATIO	SIDE BEARING 1 1/16" PLATE - SPRING STEEL	
	FLOORING - 2 3/8" SQ. EDGE OAK	SIDE FRAME CAST STEEL - INTEGRAL PEDESTAL	
	GENERAL DRAWING OF CAR—NO. 139-11-473	SPRING SEE NOTE-1	
	HAND BRAKE - UNIVERSAL MULTI-POWER	WHEELS 30" DIA. MULTIPLE WEAR WROT STEEL	
	LINING END	WEIGHT OF ONE TRUCK 21,900 LBS.	
	LINING SIDE	CTR. PLT. HT. 2'-3"	
	ROOF		
CAR BODY DATA		REVISIONS	
AIR BRAKE MFG.		5-24	
AIR BRAKE SCHEDULE - AB - 2 SETS - 10" X 12"		54	
BODY BOLSTER CAST STEEL			
BODY CENTER PLATE CAST STEEL			
BODY CENTER PLATE INTEGRAL WITH UNDERFRAME			
BODY SIDE BEARING 3/8" SPRING STEEL WEAR PLATE			
CARLINES			
		CLEVELAND, OHIO OCT 14, 1953	
		CLASS 2902	
		CARS	
		135 TON FLAT	
		NKP	
		GROUP NO. 13	
		SHEET NO. 2	
		DR TR CH	
		EFC EFC 88	

APPROXIMATE CENTER OF GRAVITY = 22" ABOVE RAIL  
 MAXIMUM CURVE = 49° (UNCOUPLED)  
 24° (COUPLED TO BOX CAR)



LENGTH OF LADING	MAX. LOAD
AT CENTER	245,700 LBS.
2'-0"	245,800 LBS.
4'-0"	246,400 LBS.
6'-0"	247,600 LBS.
8'-0"	249,200 LBS.
10'-0" AND OVER	250,300 LBS.

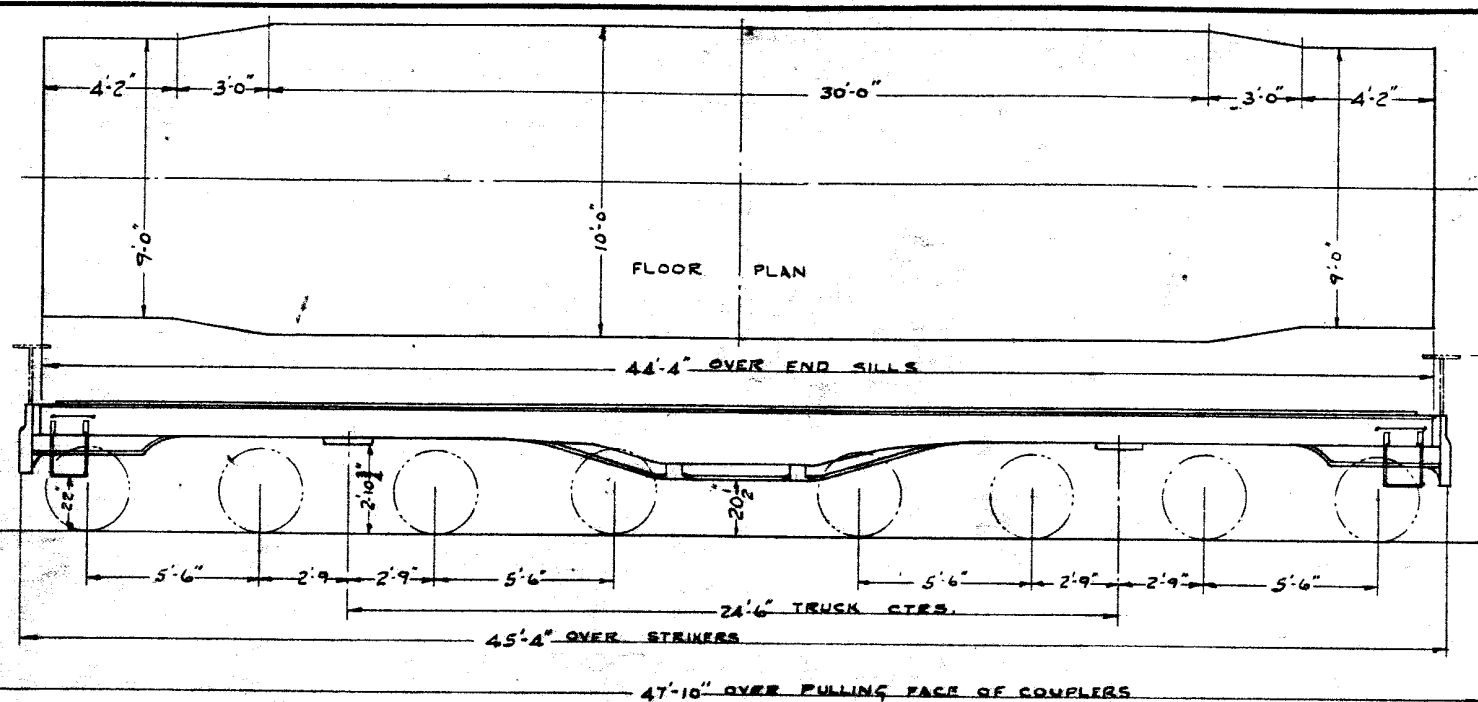
GENERAL DATA	
BUILT BY	N.K.P. AT FRANKFORT, IND.
YEAR BUILT	AUG. 1953
CAPACITY LEVEL FULL CB. FT.	
CAPACITY WITH 10 IN. HEAP CU. FT.	
AVERAGE LOAD LIMIT—LBS.	250,300 SEE TABLE
AVERAGE LIGHT WEIGHT—LBS.	126,200
BUILDERS REFERENCE	
R. R. SPEC. NO.	
CAR BODY DATA	
AIR BRAKE MFG.	
AIR BRAKE SCHEDULE	"A8" - 2 SETS - 10" X 12"
BODY BOLSTER	CAST STEEL
BODY CENTER PLATE	INTEGRAL WITH UNDERFRAME
BODY SIDE BEARING	INTEGRAL WITH UNDERFRAME
CARLINES	3/4" SPRING STEEL WEAR PLATE

CENTER SILL	
CENTER SILL AREA	
CENTER SILL COVER PLATE	
COUPLER	A.A.R. TYPE "E" - SWIVEL BUTT
COUPLER RELEASE RIGGING	STAND. RY. EQUIP. CO. BOTT. OPR.
DOOR	
DOOR FIXTURES	
DOOR CLEAR OPENING	
DRAFT GEAR	A.A.R. FRICTION TYPE
DRAFT GEAR ATTACHMENT	CAST STEEL YOKE
ENDS	
END LOAD RATIO	
FLOORING	2 1/2" SQ. EDGE OAK- ENDS ONLY
GENERAL DRAWING OF CAR—NO.	139-11-817
HAND BRAKE	UNIVERSAL MULTI-POWER
LINING END	
LINING SIDE	
ROOF	

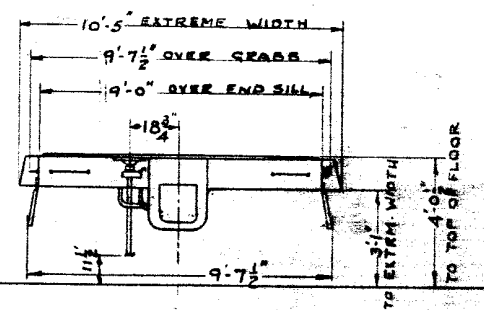
SIDE BEARING CENTERS	4'-2"
SHEATHING	
SUPERSTRUCTURE	
UNDERFRAME	CAST STEEL (ONE PIECE)
TRUCK DATA	
BOLSTER	CAST INTEGRAL WITH SIDE FRAME
BRAKE BEAM	A.A.R. NO. 18
BRAKE BEAM SAFETY STRAP & CHAIN	
CENTER PLATE	CAST STEEL DWG. 185-2-1223
GENERAL DRAWING OF TRUCK NO.	184-11-157
JOURNAL	6 1/2" X 12"
SIDE BEARING	1 1/2" PLATE - SPRING STEEL
SIDE FRAME	CAST STEEL - INTEGRAL PEDESTAL
SPRING	SEE NOTE - 1
WHEELS	30" DIA. MULTIPLE WEAR WROT STEEL
WEIGHT OF ONE TRUCK	21900 LBS.
CTR. FLT. HT.	2'-3"

MISCELLANEOUS	
NOTE - 1: SPRINGS	
3-OUTER COILS, 3-INNER COILS A.A.R.	
1936 DESIGN AND ONE CARDWELL	
SNUBBER PER NEST.	

CLASS		2903	
CLASS		CARS	
125-TON DEPRESSED FLAT			
<b>NKP</b>			
CLEVELAND, OHIO		OCT. 14, 1953	
REVISIONS			
DR	TR	CH	GROUP NO.
EFC	EFC	88	13
			SHEET NO.
			3



LENGTH OF LADING	MAX. LOAD
0	390,000
2'-0"	406,600
4'-0"	424,600
6'-0"	444,400
8'-0"	466,000
10'-0" AND OVER	500,300



MAX. CURVE - 26°  
 CENTER OF GRAVITY  
 TRUCKS = 19"  
 BODY = 40 1/2"  
 COMPLETE CAR = 28"

GENERAL DATA		MISCELLANEOUS	
BUILT BY <b>NKP AT FRANKFORT, IND.</b>	CENTER SILL -	NOTE-1: SPRINGS	2904
YEAR BUILT <b>JULY 1954</b>	CENTER SILL AREA -	5-OUTER, 5-INNER A.A.R. 1936 DESIGN AND	
CAPACITY LEVEL FULL - CU. FT. -	CENTER SILL COVER PLATE -	2- CARDWELL SWUBBERS PER NEST.	CLASS
CAPACITY WITH 10 IN. HEAP CU. FT. -	COUPLER <b>A.A.R. TYPE "E" - SWIVEL BUTT</b>		CARS
AVERAGE LOAD LIMIT - LBS. <b>500,300</b>	COUPLER RELEASE RIGGING <b>SPD. RY. EQUIP. CO. 5077-OPER</b>	NOTE-2:	250-TON FLAT
AVERAGE LIGHT WEIGHT - LBS. <b>99,700</b>	DOOR -	TRUCK BOLSTER - HIGH TENSILE CAST STEEL	
BUILDERS REFERENCE -	DOOR FIXTURES -	SPAN BOLSTER - HIGH TENSILE CAST STEEL	<b>NKP</b>
R. R. SPEC. NO. -	DOOR CLEAR OPENING -	NOTE-3:	
	DRAFT GEAR <b>A.A.R. FRICTION TYPE</b>	3/4" SPRING STEEL - FOR SPAN BOLSTER	CLEVELAND, OHIO
	DRAFT GEAR ATTACHMENT <b>CAST STEEL SWIVEL YOKE</b>	1/2" SPRING STEEL - FOR TRUCK BOLSTER	AUGUST 4, 1954
	ENDS -		REVISIONS
	END LOAD RATIO -		9-30
	FLOORING <b>1/2" COR-TEN STEEL PLATE</b>		59
	GENERAL DRAWING OF CAR - NO. <b>139-11-523</b>		DR
	HAND BRAKE <b>UNIVERSAL MULTI-POWER (2-SETS)</b>		TR
	LINING END -		CH
	LINING SIDE -		GROUP NO.
	ROOF -		SHEET NO.
			99
			13
			4

CAR BODY DATA	
AIR BRAKE MFG. <b>W.A.B. CO.</b>	
AIR BRAKE SCHEDULE <b>"A" B - 2 SETS - 10"x12"</b>	
BODY BOLSTER <b>EAST NICKEL STEEL</b>	
BODY CENTER PLATE <b>EAST NICKEL STEEL</b>	
BODY SIDE BEARINGS <b>1/2" SPRING STEEL</b>	
CARLINES -	

TRUCK DATA	
BOLSTER <b>SEE NOTE - 2</b>	
BRAKE BEAM <b>A.A.R. NO. 18</b>	
BRAKE BEAM SAFETY <b>REFCO - SINGLE EQUALIZED</b>	
CENTER PLATE <b>CAST INTEGRAL, SPAN &amp; TRUCK BOLSTER</b>	
GENERAL DRAWING OF TRUCK NO.	
JOURNAL <b>7" X 14"</b>	
SIDE BEARING - <b>SEE NOTE - 3</b>	
SIDE FRAME - <b>CAST STEEL</b>	
SPRING <b>SEE NOTE - 1</b>	
WHEELS <b>33" DIA. MULTIPLE WEAR WIRE STEEL</b>	
WEIGHT OF ONE TRUCK <b>2900 LBS. (INCLUDES SPAN)</b>	
CTR. PLT. HT. <b>2'-10 1/4" (AT BODY BOLSTER)</b>	

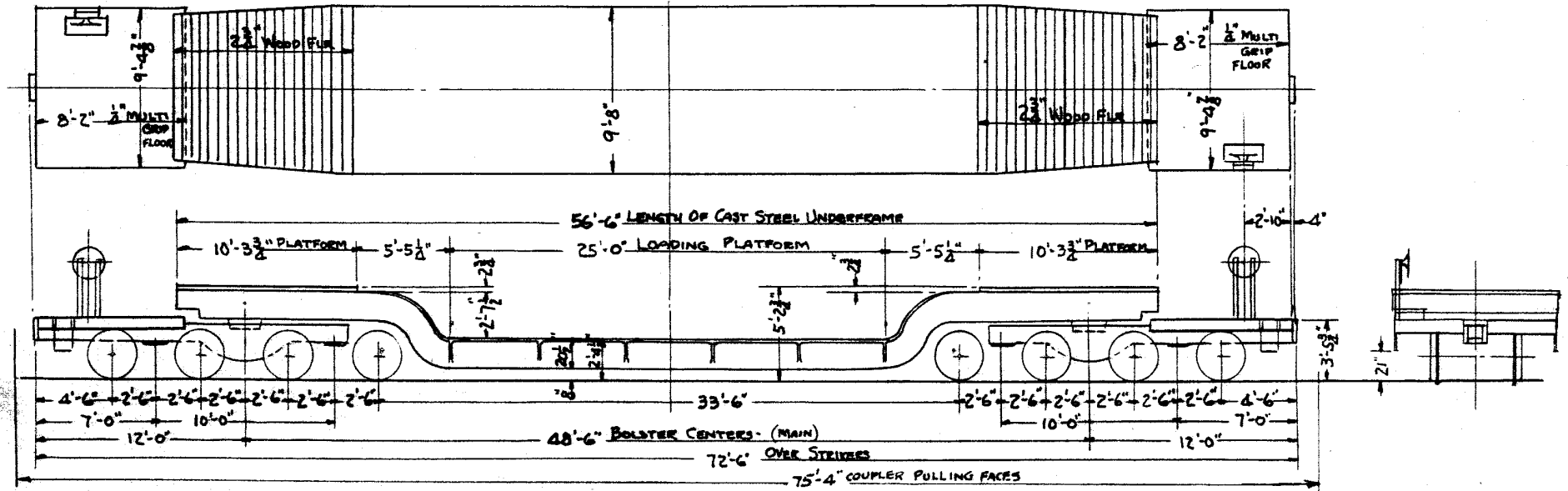
SIDE BEARING CENTERS	
2'-1"	
SHEATHING -	
SUPERSTRUCTURE -	
UNDERFRAME <b>CAST NICKEL STEEL (ONE PIECE)</b>	

REVISIONS	
9-30	
59	
DR	
TR	
CH	
GROUP NO.	
SHEET NO.	
99	
13	
4	



TOTAL LENGTH OF DISTRIBUTED LOAD	PERMISSIBLE LADING LBS
0'-0"	323,900
2'-0"	330,700
4'-0"	337,800
6'-0"	345,200
8'-0"	353,000
10'-0"	361,100
12'-0"	369,600
14'-0"	378,500
16'-0"	387,900
18'-0"	397,700
20'-0" AND OVER	410,100

CEN. GRAVITY = 27"  
MAX. CURVE = 30°



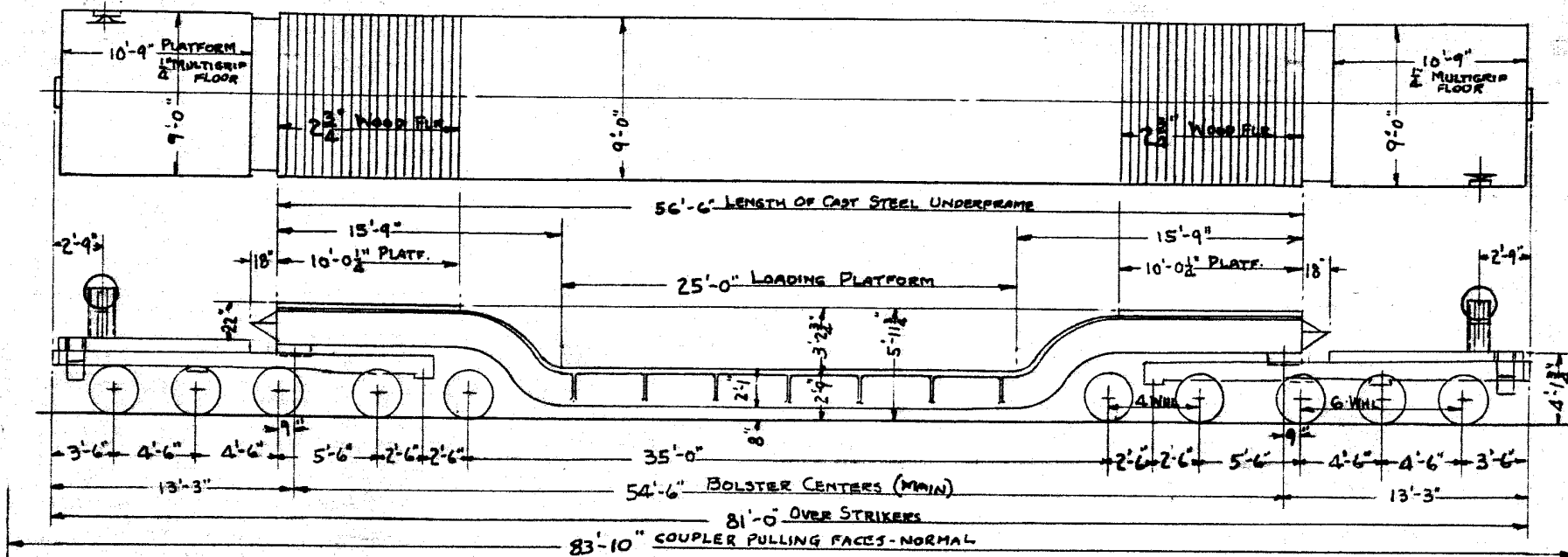
GENERAL DATA	
BUILT BY	GREENVILLE STEEL CAR CO
YEAR BUILT	1961
CAPACITY LEVEL FULL—CU. FT.	
CAPACITY WITH 10 IN. HEAP CU. FT.	
AVERAGE LOAD LIMIT—LBS.	410,100
AVERAGE LIGHT WEIGHT—LBS.	189,900
BUILDERS REFERENCE	00-767, 194
R. R. SPEC. NO.	1-200-F
CAR BODY DATA	
AIR BRAKE MFG.	W.A.B. Co.
AIR BRAKE SCHEDULE	AB-1212 2 SETS
BODY BOLSTER	CAST INTEGRAL WITH UNDERFRAME
BODY CENTER PLATE	CAST INTEGRAL
BODY SIDE BEARING	FRICION-HARDENED STEEL PLATES
CAR LINES	

CENTER SILL	CAST INTEGRAL WITH UNDERFRAME
CENTER SILL AREA	
CENTER SILL COVER PLATE	
COUPLER TYPE	E BOTT. OPER., 2 1/2" SHANK - HIGH TENSILE
COUPLER RELEASE RIGGING	STD. KY. EQUIP. CO. BOTT. OPER.
DOOR	
DOOR FIXTURES	
DOOR CLEAR OPENING	
DRAFT GEAR CARD	WEST. MARK 80 FOR 36" POCKET
DRAFT GEAR ATTACHMENT	HORN. KEY YOKE - CAST STEEL
ENDS	
END LOAD RATIO	
FLOORING	SEE NOTE 1
GENERAL DRAWING OF CAR—NO.	139-11-552
HAND BRAKE	AJAX NO 5 2 SETS
LINING END	
LINING SIDE	
ROOF	

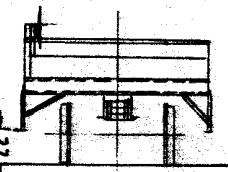
SIDE BEARING CENTERS	4'-2" ALL
SHEATHING	
SUPERSTRUCTURE	
UNDERFRAME	ONE PIECE G.I. CAST STEEL
TRUCK DATA	
BOLSTER	HIGH TENSILE CAST STEEL
BRAKE BEAM	AAR NO 28
BRAKE BEAM SAFETY	ORTNER NO 2821
CENTER PLATE	CAST INTEGRAL
GENERAL DRAWING OF TRUCK NO.	
JOURNAL	7"x16" TURNER TYPE AP BEARINGS
SIDE BEARING	FRICION-HARDENED STEEL WEAR PLATE
SIDE FRAME	CAST STEEL
SPRING	AAR D-2-1936 48 OUTER, 48 INNER - 8 SHOCKERS
WHEELS	MW-33 38x33, CLASS CR WROT STEEL
WEIGHT OF ONE TRUCK	11470 LBS.

MISCELLANEOUS	
WEST. AUTO. PNCW. SLACK ADJ. TYPE C-34-CX-145	
BUCKEYE SPAN BOLSTERS.	
NOTE 1: - FLOORING -	
LOADING PLATFORM--NONE	
UNDERFRAME ENDS-- 2 3/4" OAK	
SPAN BOLSTER PLATFORM-- 1/4" MULTI GRIP.	

CLASS		2905, 2907	
CARS			
200 TON DEPRESSED FLAT			
NKP			
CLEVELAND, OHIO		JULY 16 1962	
REVISIONS			
DR	TR	CH	GROUP No.
045	045	88	13
			SHEET No.
			5



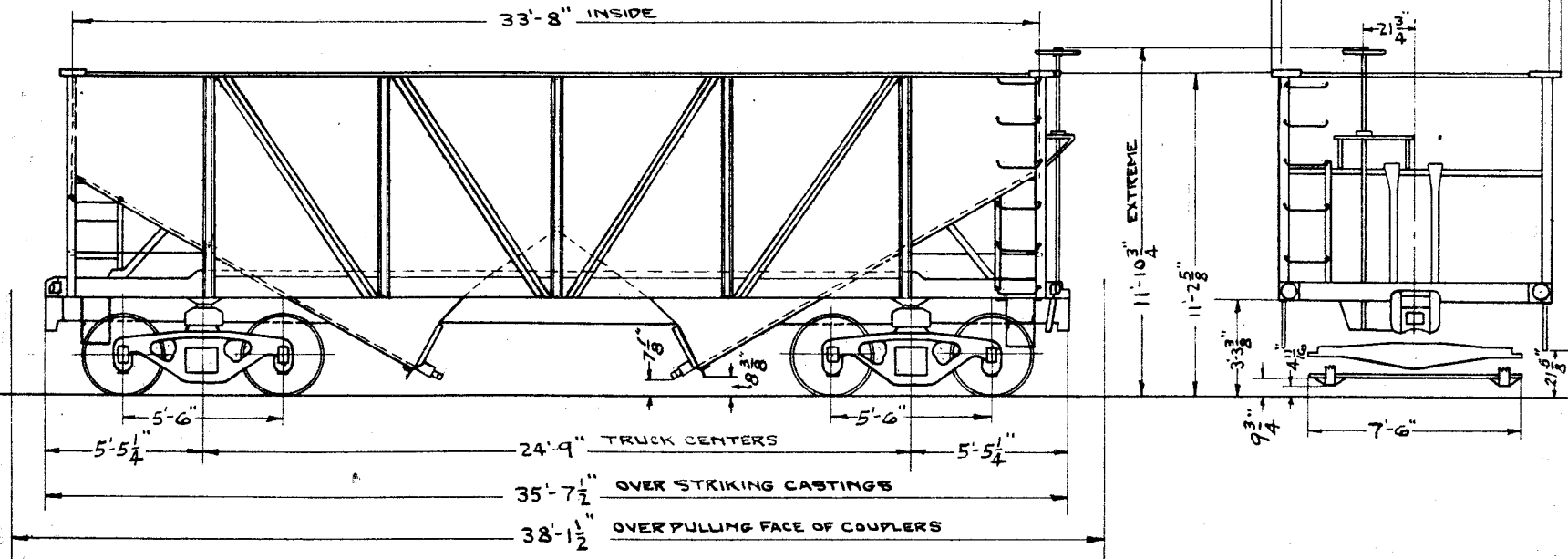
TOTAL LENGTH OF DISTRIBUTED LOAD	PERMISSIBLE LADING - LBS.
0'-0"	393,000
2'-0"	400,400
4'-0"	408,000
6'-0"	415,900
8'-0"	424,000
10'-0"	432,700
12'-0"	441,600
14'-0"	450,900
16'-0"	460,600
18'-0"	470,800
20'-0"	481,300
22'-0"	492,400
24'-0"	504,000
25'-0"	510,000



CEN. GRAVITY = 28"  
MAX. CURVE = 38"

GENERAL DATA		MISCELLANEOUS	
BUILT BY GREENVILLE STL. CAR CO.	CENTER SILL CAST INTEGRAL WITH UNDERFRAME	SIDE BEARING CENTERS 4'-7" U.P.; 4'-2" 4 WHL; 3'-10" 6 WHL	CLASS 2906, 2908
YEAR BUILT 1962	CENTER SILL AREA	SHEATHING	CARS
CAPACITY LEVEL FULL - CU. FT.	CENTER SILL COVER PLATE	SUPERSTRUCTURE	250 TON DEPRESSED FLAT
CAPACITY WITH 15 IN. HEAP CU. FT.	COUPLER TYPE E. BODY OPER. 6 1/4" x 8" x 25" LG. SHANK, H.T.	UNDERFRAME ONE PIECE, CAST STEEL (GEN. STL. IND.)	NOTE 1:
AVERAGE LOAD LIMIT - LBS. 510,000	COUPLER RELEASE RIGGING STD. RT. BOWLE CO.	32 DOUBLE COIL, A.A.R. D.Z. FOR 6 WHL TRUCK	
AVERAGE LIGHT WEIGHT - LBS. 270,700	DOOR	24 " " " " " 4 " " "	
BUILDERS REFERENCE 00-768	DOOR FIXTURES	8 CARO. WEST. SNUBBERS SIX WHL TR.	
R. R. SPEC. NO. 1-250-F	DOOR CLEAR OPENING	4 " " " " " " FOUR WHL TR.	
CAR BODY DATA		WEST. AUTO. PNEU. SLACK ADJ. D-112-D FOR EACH TRUCK	
AIR BRAKE MFG. WESTINGHOUSE	END LOAD RATIO	BUCKEYE SPAN BOLSTERS	
AIR BRAKE SCHEDULE "AB" SPECIAL, 2-SETS	FLOORING 2 1/2" WEAR, 1/4" MULTI-GRIP, & NONE ON LOADING PLATF.		
BODY BOLSTER CAST INTEGRAL WITH UNDERFRAME	GENERAL DRAWING OF CAR NO. 139-11-553		
BODY CENTER PLATE CAST INTEGRAL	HAND BRAKE AJAK N55 2-SETS		
BODY SIDE BEARING FRICTION-HARDENED STEEL PLATES	LINING END		
CAR LINES	LINING SIDE		
	ROOF		
		TRUCK DATA	
		BOLSTERS CAST STEEL - HIGH TENSILE	
		BRAKE BEAM CEECO 3PL G.WHL; AAR-N55 4 WHL.	
		BRAKE BEAM SAFETY CEECO 6 WHL; OETNER 4 WHL.	
		CENTER PLATE CAST INTEGRAL	
		GENERAL DRAWING OF TRUCK NO. 184-7-217, 184-11-216	
		JOURNAL 7" DIA. FOR TINKER AP ROLLER BRGS.	
		SIDE BEARINGS FRICTION-HARDENED STEEL WEAR PLATES	
		SIDE FRAME C.S. INTEGRAL PROBABLY - BUCKEYE	
		SPRING SEE NOTE 1	
		WHEELS 33" MW BX-33 CLASS CR. WROT STEEL	
		WEIGHT OF ONE TRUCK 19900 6 WHL; 11320 4 WHL.	
		COMPT. HT. - 2'-1 1/4" 4 WHL; 2'-4 1/2" 6 WHL; 3'-1" UNDER.	
		CLEVELAND, OHIO	
		JUNE 21 1962	
		REVISIONS	
DR	TR	CH	GROUP NO.
0H3	0H5	88	13
			SHEET NO.
			6

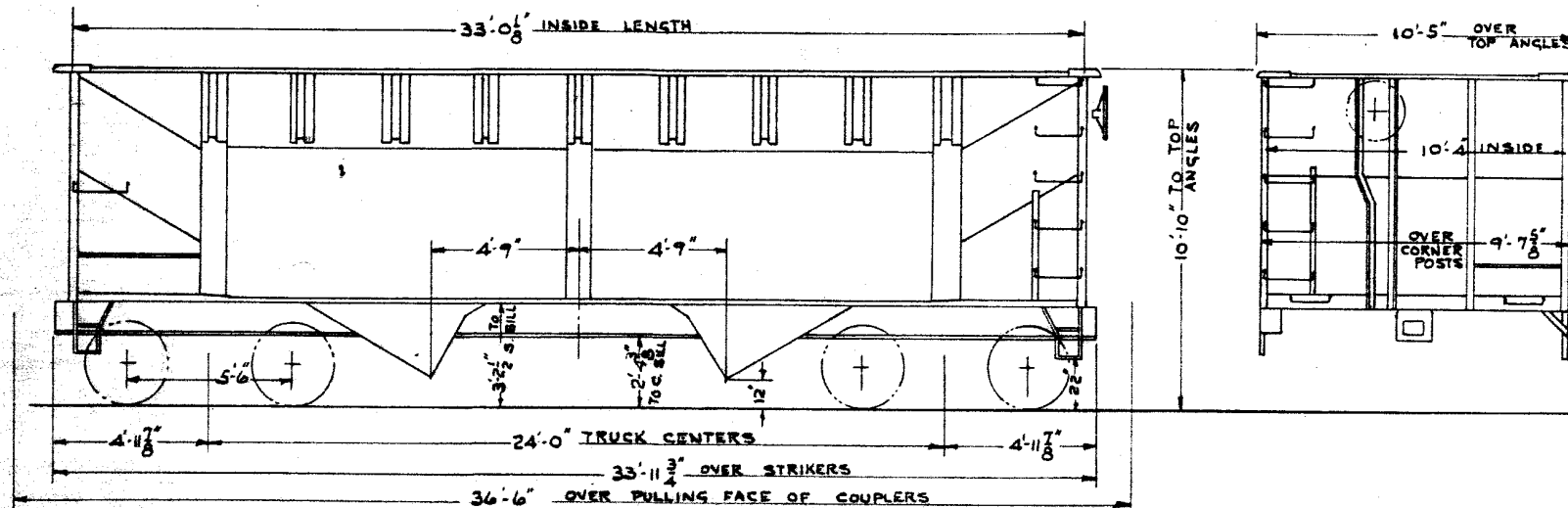
NOTE: 4-140 CARS IN THIS SERIES RECEIVED PROGRAM REPAIRS IN 1949.  $\frac{3}{16}$ " STEEL SIDES AND  $\frac{1}{4}$ " STEEL FLOOR SHEETS WERE APPLIED. 140 MORE CARS RECEIVED PROGRAM REPAIRS DURING 1950: 250 IN 1951, 240 IN 1952, 161 IN 1953, 80 IN 1954.



GENERAL DATA		MISCELLANEOUS	
BUILT BY - PRESSED STEEL CAR CO	CENTER SILL 7-15" - 55# CHANNELS	SIDE BEARING CENTERS - 5'-0"	NOTE-1 - CARS 30750-30949 HAVE CARD-WELL G-25-A GEAR, CARS 30950-31749 HAVE MINER A-18-S-2 GEAR
YEAR BUILT - 1913 - SEE NOTE 4	CENTER SILL AREA - 37.77 SQ. IN.	SHEATHING - $\frac{3}{16}$ " STEEL	NOTE-2 - CARS 30750-30849, 30950-31749 HAVE CAST IRON WHEELS, CARS 30850-30949 HAVE FORGED STEEL WHEELS.
CAPACITY LEVEL FULL CU. FT. - 2164	CENTER SILL COVER PLATE	SUPERSTRUCTURE - STEEL	NOTE-3 - C.S. YOKE FOR CARS 30950-31749.
CAPACITY WITH 18 IN. HEAP CU. FT. - 2430	COUPLER - ARA TYPE V G-X	UNDERFRAME - STEEL	
AVERAGE LOAD LIMIT - LBS. - 137400	COUPLER RELEASE RIGGING - IMPERIAL TYPE B		
AVERAGE LIGHT WEIGHT - LBS. - 39600	DOOR - PRESSED STEEL	TRUCK DATA	
BUILDERS REFERENCE - LOT 111	DOOR FIXTURES - SIMONTON	BOLSTER - CAST STEEL - PATT. A-85L	
R. R. SPEC. NO. - 370	DOOR CLEAR OPENING	BRAKE BEAM - NO. 7	
	DRAFT GEAR - SEE NOTE-1	BRAKE BEAM SAFETY - CRECO 4 POINT	
	DRAFT GEAR ATTACHMENT - SEE NOTE 3	CENTER PLATE - CAST INTEGRAL	
	ENDS - STEEL - $\frac{1}{4}$ "	GENERAL DRAWING OF TRUCK NO.	
	END LOAD RATIO - .053	JOURNAL 5 1/2 X 10	
	FLOORING 1/4" STEEL	SIDE BEARING - SPRING STEEL PLATE	
	GENERAL DRAWING OF CAR NO. - 139-11-183	SIDE FRAME - CAST STEEL - PATT. A-85L	
AIR BRAKE MFG. - N.Y.A.B. CO.	HAND BRAKE - WHEEL & SHAFT - PLAIN	SPRING - ARA STD. TYPE D	
AIR BRAKE SCHEDULE - 147-1017	LINING END	WHEELS - 33" DIA. SEE NOTE-2	
BODY BOLSTER - BUILT UP STEEL	LINING SIDE	WEIGHT OF ONE TRUCK 7850#	
BODY CENTER PLATE - CAST STEEL - PATT. A-870	ROOF	CENTER PLATE HEIGHT - 2'-2 3/4"	
BODY SIDE BEARING - WOODS TIP ROLLER			
CAR LINES			

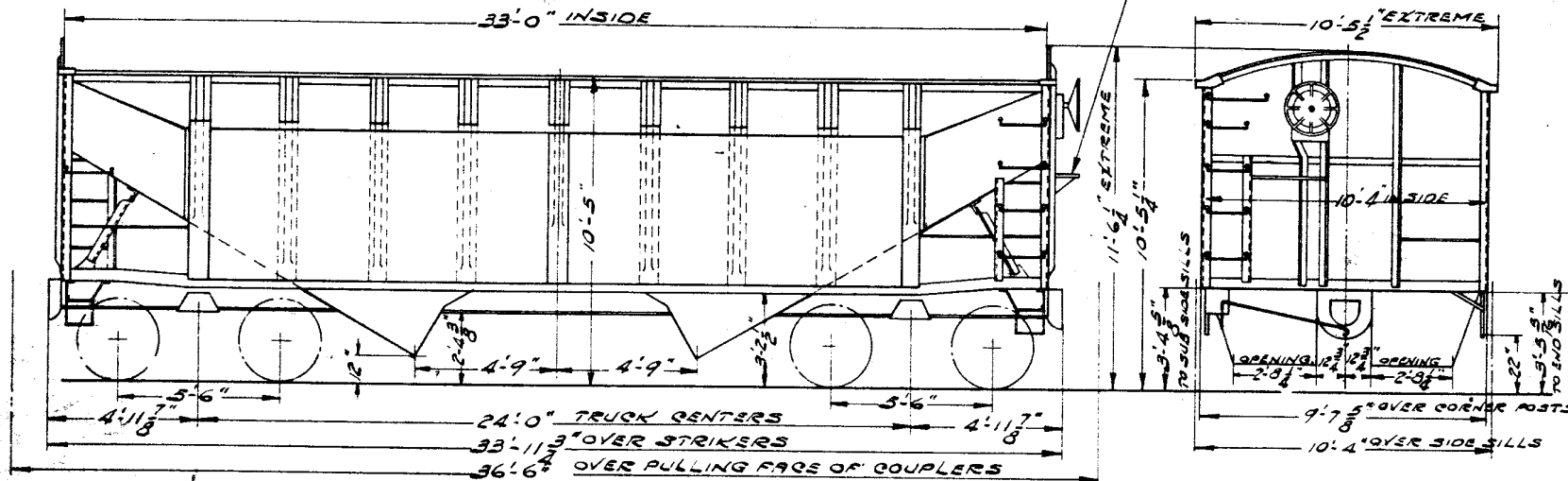
30750-31749	
CLASS	CARS
<b>50 TON HOPPER</b>	
<b>N.K.P.</b>	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO APR. 10, 1933	
REVISIONS	
DR	TR CH GROUP No.
C.J.T.	C.J.T. 14

NOTE-1:  
CARS RECEIVED PROGRAM REPAIRS, NEW SIDE SHEETS, NEW ENDS, AND NEW FLOORS AT BREWSTER IN 1951.

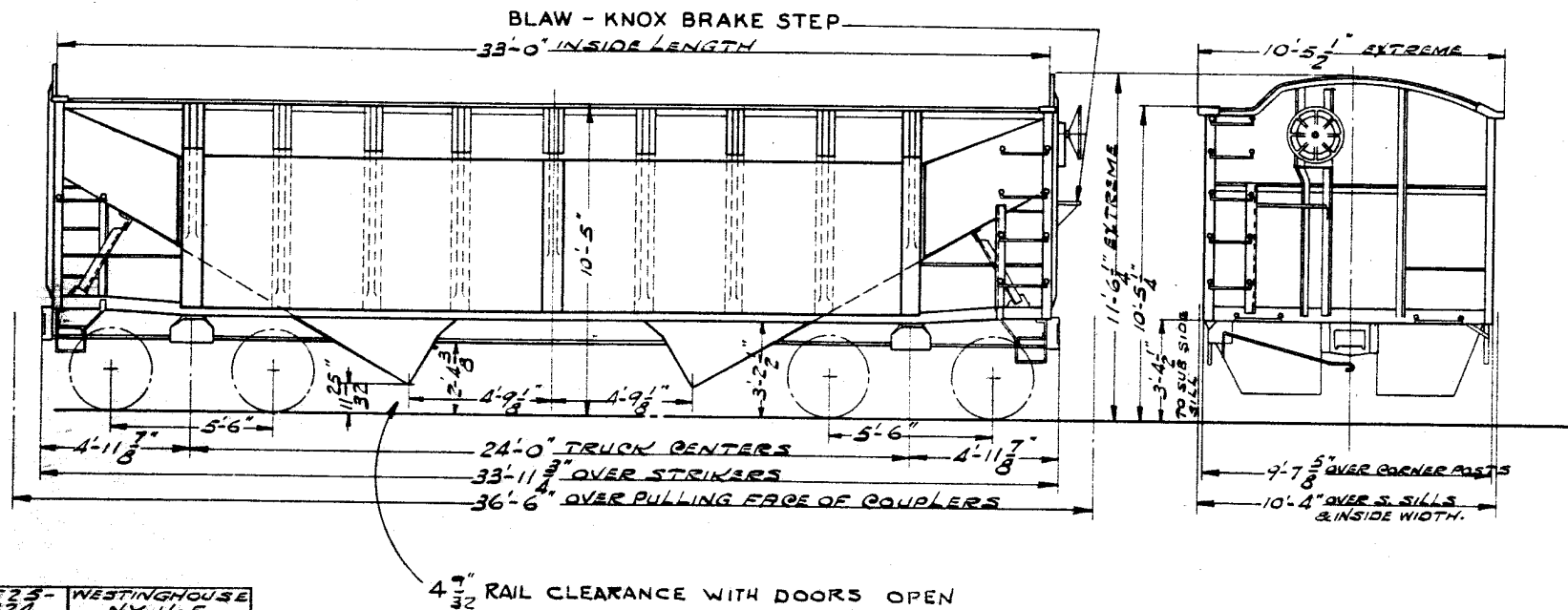


GENERAL DATA		TRUCK DATA		MISCELLANEOUS	
BUILT FULL STAND CAR MFG. CO. - NOTE-1		SIDE BEARING CENTERS 4'-2"			
YEAR - APRIL 1937 - NOTE-1		SHEATHING 3/16" BETWEEN BOLSTERS 1/4" AT ENDS - O.H.S.			
CAPACITY LEVEL FULL - CU. FT. - 2221		SUPERSTRUCTURE STEEL		CLASS 33000-33074 CARS	
CAPACITY WITH 18 IN. HEAP CU. FT. - 2483		UNDERFRAME STEEL			
AVERAGE LOAD LIMIT - LBS. - 138,500		TRUCK DATA		50 TON HOPPER	
AVERAGE LIGHT WEIGHT - LBS. - 40,500		BOLSTER CAST STEEL - DOUBLE TRUSS			
BUILDERS REFERENCE LOT 5553-A		BRAKE BEAM A.A.R. NO. 15		N. K.P.	
R. R. SPEC. NO. 6-C3CH		BRAKE BEAM SAFETY CRECO 4 POINT			
CAR BODY DATA		CENTER PLATE CAST INTEGRAL WITH BOLSTER		ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO DEC. 18, 1951	
AIR BRAKE MFG. W.A.B. CO.		GENERAL DRAWING OF TRUCK NO. 184-4-68			
AIR BRAKE SCHEDULE "A B"		JOURNAL 5 1/2" X 10"		REVISIONS	
BODY BOLSTER BUILT UP STEEL		SIDE BEARING POCKET & SHOE - CAST STEEL			
BODY CENTER PLATE DROP FORGED STEEL		SIDE FRAME CAST STEEL - DOUBLE TRUSS		12-18	
BODY SIDE BEARING DROP FORGED STEEL		SPRING A.A.R. 1715 COIL 6-OUTER - 4 INNER PER NEST		51	
CARLINES		WHEELS 33" DIA. W.S. - 1" WEAR		DR TR CH	
		WEIGHT OF ONE TRUCK 7800 LBS.		GROUP No.	
		CENTER PLATE WGT. 2'-1 1/4"		SHEET No.	
				E <sub>FC</sub> E <sub>FC</sub> S.S.	
				14	
				3	

**APEX TRI-LOK METAL BRAKE STEP**



GENERAL DATA		MISCELLANEOUS																							
BUILT BY - <b>AC&amp;F Co. HUNTINGTON W. VA.</b>	CENTER SILL - <b>ARR 2" SEC. 12 3/16" X 14/32"</b>	SIDE BEARING CENTERS - <b>4'-2"</b>	<table border="1"> <tr> <td>CLASS</td> <td><b>33075-33324</b></td> </tr> <tr> <td>CARS</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>50 TON HOPPER</b></td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>N.K.P.</b></td> </tr> <tr> <td colspan="2" style="text-align: center;">ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO <b>MAY 2, 1942</b></td> </tr> <tr> <td colspan="2" style="text-align: center;">REVISIONS</td> </tr> <tr> <td>DR</td> <td>TR</td> <td>CH</td> <td>GROUP No.</td> <td>SHEET</td> </tr> <tr> <td>1/6</td> <td>1/6</td> <td>ay</td> <td>14</td> <td>4</td> </tr> </table>	CLASS	<b>33075-33324</b>	CARS		<b>50 TON HOPPER</b>		<b>N.K.P.</b>		ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO <b>MAY 2, 1942</b>		REVISIONS		DR	TR	CH	GROUP No.	SHEET	1/6	1/6	ay	14	4
CLASS	<b>33075-33324</b>																								
CARS																									
<b>50 TON HOPPER</b>																									
<b>N.K.P.</b>																									
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO <b>MAY 2, 1942</b>																									
REVISIONS																									
DR	TR	CH		GROUP No.	SHEET																				
1/6	1/6	ay		14	4																				
YEAR BUILT - <b>MARCH 1942</b>	CENTER SILL AREA - <b>24.22 SQ. IN.</b>	SHEATHING - <b>3/16" &amp; 1/4" C.B. STEEL</b>																							
CAPACITY LEVEL FULL - <b>CU. FT. - 2081</b>	CENTER SILL COVER PLATE	SUPERSTRUCTURE - <b>STEEL</b>																							
CAPACITY WITH 10 IN. HEAP CU. FT. - <b>2344</b>	COUPLER - <b>6 1/4" X 8" TYPE "E" DOT. OPER. T.G.</b>	UNDERFRAME - <b>STEEL</b>																							
AVERAGE LOAD LIMIT - <b>LBS. - 135200</b>	COUPLER RELEASE RIGGING - <b>STD. RY. DOT. &amp; DOT. OPER. T.G.</b>																								
AVERAGE LIGHT WEIGHT - <b>LBS. - 41800</b>	DOOR - <b>3/16" PRESSED STEEL</b>	<b>TRUCK DATA</b>																							
BUILDERS REFERENCE - <b>Lot 2371</b>	DOOR FIXTURES - <b>WINE</b>	BOLSTER - <b>C.S. DOUBLE TRUSS</b>																							
R. R. SPEC. NO. - <b>6-C5CH</b>	DOOR CLEAR OPENING - <b>24 7/32" X 2'-8 1/4"</b>	BRAKE BEAM - <b>ARR NO. 15</b>																							
	DRAFT GEAR - <b>NATIONAL M-17-A</b>	BRAKE BEAM SAFETY - <b>CRECO 3 POINT</b>																							
	DRAFT GEAR ATTACHMENT - <b>C.S. YOKE</b>	CENTER PLATE - <b>CAST INTEGRAL</b>																							
	ENDS - <b>PLAIN 1/4" C.B. STEEL</b>	GENERAL DRAWING OF TRUCK NO.																							
	END LOAD RATIO - <b>.046</b>	JOURNAL - <b>3 1/2" X 10"</b>																							
	FLOORING - <b>1/4" C.B. STEEL</b>	SIDE BEARING - <b>FRICTION</b>																							
	GENERAL DRAWING OF CAR - <b>NO. 139-11-273</b>	SIDE FRAME - <b>C.S. DOUBLE TRUSS INTEGRAL BOX</b>																							
	HAND BRAKE - <b>AJAX</b>	SPRING - <b>ARR COIL 1415 DESIGN 4" INNER, 6" OUTER PER NEST</b>																							
	LINING END	WHEELS - <b>ARR 33" DIA. C.I. SINGLE PLATE 750W</b>																							
	LINING SIDE	WEIGHT OF ONE TRUCK - <b>7930 W</b>																							
	ROOF	QTR. PL. HGT. - <b>2'-1 3/4"</b>																							



"WAR VICTORY DESIGN"

33525 -	WESTINGHOUSE
33524 -	NY-11-F
33525 -	WAUGH
33522 -	NO. 403
33525 -	NATIONAL
33424 -	M-17-A
<b>CARS</b>	<b>DRAFT GEARS</b>

GENERAL DATA	
BUILT BY -	AO&F HUNTINGTON W. VA.
YEAR BUILT -	AUG TO OCT 1944
CAPACITY LEVEL FULL CU. FT. -	2081
CAPACITY WITH 10 IN. HEAP CU. FT. -	2344
AVERAGE LOAD LIMIT - LBS. -	137100
AVERAGE LIGHT WEIGHT - LBS. -	29900
BUILDERS REFERENCE -	LOT 2669
R. R. SPEC. NO. -	6-230H

CAR BODY DATA	
AIR BRAKE MFG. -	NY BR Co.
AIR BRAKE SCHEDULE -	AB 10"x12"
BODY BOLSTER -	BUILT UP STEEL
BODY CENTER PLATE -	DROP FORGED
BODY SIDE BEARING -	DROP FORGED
CARLINES	

CENTER SILL -	2ARR 2-26 SECTIONS.
CENTER SILL AREA	21.30 SQ. IN.
CENTER SILL COVER PLATE	
COUPLER -	ARR 6 1/4" X 8" TYPE E BOT. OPER. TG.
COUPLER RELEASE RIGGING -	STD. CH. EQPT. Co. BOT. OPER. TG.
DOOR -	3/16" PRESSED STEEL
DOOR FIXTURES -	WINE
DOOR CLEAR OPENING -	SEE NOTE: -1
DRAFT GEAR -	SEE TABLE
DRAFT GEAR ATTACHMENT -	O. S. YOKES
ENDS -	1/4" CB STEEL
END LOAD RATIO -	.0509
FLOORING -	1/4" CB STEEL
GENERAL DRAWING OF CAR - NO.	139-11-449
HAND BRAKE -	AJAX
LINING END	
LINING SIDE	
ROOF	

SIDE BEARING CENTERS -	4'-2"
STEATHING -	3/16" & 1/4" CB STEEL
SUPERSTRUCTURE -	STEEL
UNDERFRAME -	STEEL

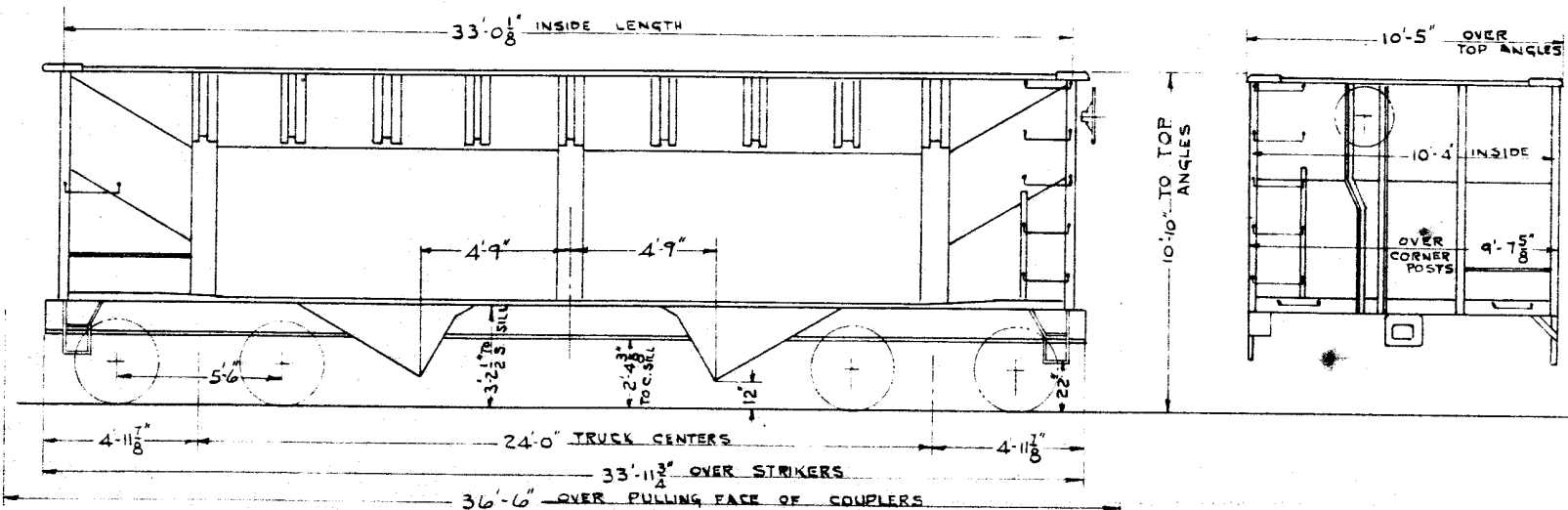
  

TRUCK DATA	
BOLSTER -	O. S. DOUBLE TRUSS.
BRAKE BEAM -	ARR NO. 15
BRAKE BEAM SAFETY -	CR003 POINT
CENTER PLATE -	QAST INTEGRAL
GENERAL DRAWING OF TRUCK NO.	
JOURNAL -	5 1/2" X 10"
SIDE BEARING -	STUCKI ROLLER TYPE
SIDE FRAME -	O. S. DOUBLE TRUSS INTEGRAL BOX TYPE
SPRING -	ARR 1415 DESIGN 6 OUTER, 4 INNER PER NEST.
WHEELS -	ARR 33 DR ONE WARE WROG STEEL
WEIGHT OF ONE TRUCK	7480 LBS
CTR. PLT. HGT. -	2' 1 3/4"

MISCELLANEOUS	

		33325-33824	
CLASS	CARS		
50-TON HOPPER			
<b>N.K.P.</b>			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO - 28. 3. 1945			
REVISIONS			
3-30			
53			
DR	TR	CH	GROUP NO.
1/4	1/3		14
			SHEET NO.
			5

CARS	DRAFT GEAR
61000-61299	WESTINGHOUSE NY-II-E
61300-61699	PEERLESS H-1
61700-61999	MINER A-22-KB



GENERAL DATA	
BUILT BY -	SEE TABLE
YEAR BUILT	1936
CAPACITY LEVEL FULL - CU. FT.	2221
CAPACITY WITH 10 IN. HEAP CU. FT.	2483
AVERAGE LOAD LIMIT - LBS.	136700
AVERAGE LIGHT WEIGHT - LBS.	40300
BUILDERS REFERENCE	61500-61999-C-2522
R. R. SPEC. NO.	C-144-B
CAR BODY DATA	
AIR BRAKE MFG.	WABCO
AIR BRAKE SCHEDULE	AB 10"x12" SCHED-1
BODY BOLSTER	BUILT UP STEEL
BODY CENTER PLATE	DROP FORGED STEEL
BODY SIDE BEARING	HARDENED AXLE STEEL, DROP FORGED
BRAKE STEP - CAR BUILDERS	1" STEEL

CENTER SILL	12 15/16 A.A.R. 2 SEC. @ 41.2# PER FT.
CENTER SILL AREA	24.24 SQ. IN.
CENTER SILL COVER PLATE	-
COUPLER A.A.R.	6 1/4" x 8" TYPE "E" BOTT. OPERATING
COUPLER RELEASE RIGGING STAND, RY. EQUIP.	BOTT. OPERATING
DOOR	1/4" PRESSED STEEL
DOOR FIXTURES	WINE 35-676
DOOR CLEAR OPENING	2' 0 13/16" X 2' 9 1/4"
DRAFT GEAR	SEE TABLE
DRAFT GEAR ATTACHMENT	CAST STEEL YOKE
ENDS	PLAIN, 3/16" OH. STEEL
END LOAD RATIO	0.461
FLOORING	1/4" O.H. STEEL
GENERAL DRAWING OF CAR - NO.	WLE 5006
HAND BRAKE	61000-61499 KLASING, 61500-61999 EQUIPCO
LINING END	-
LINING SIDE	-
ROOF	-

SIDE BEARING CENTERS	4'-2"
SHEATHING	3/16" BETWEEN BOLSTERS, 1/4" AT ENDS - OMS
SUPERSTRUCTURE	STEEL
UNDERFRAME	STEEL
TRUCK DATA	
BOLSTER	CAST STEEL - SEE NOTE - 1
BRAKE BEAM	SEE NOTE - 2
BRAKE BEAM SAFETY ANGLE AT BOLSTER CENTER	-
CENTER PLATE	CAST INTEGRAL TO BOLSTER
GENERAL DRAWING OF TRUCK NO.	-
JOURNAL	5 1/2" X 10"
SIDE BEARING	STUCKI
SIDE FRAME	CAST STEEL - SEE NOTE - 1
SPRING	SEE NOTE - 1
WHEELS	ONE WEAR WROT STEEL
WEIGHT OF ONE TRUCK	-
CENTER PLT. HGT.	2'-1 3/4"

MISCELLANEOUS	
NOTE - 1:	CARS 61000-61499 AND 61700-61999 ARE EQUIPPED WITH DOUBLE TRUSS TRUCKS, WITH 4 DOUBLE COIL AND 2 SINGLE COIL A.A.R. CLASS "D" SPRINGS PER NEST. CARS 61500-61699 ARE EQUIPPED WITH NATIONAL TYPE "B" TRUCKS WITH 4 DOUBLE COIL CLASS "E" SPRINGS PER NEST.
NOTE - 2:	CARS 61500-61749 HAVE A.A.R. NO. 3 BRAKE BEAMS. CARS 61000-61499 AND 61750-61999 HAVE A.A.R. NO. 15 BRAKE BEAMS.

BUILT BY		CARS	
PULLMAN STANDARD - BUTLER, PA.		61000-61499	
RALSTON S. C. CO. - COLUMBUS, OH.		61500-61999	
WLE		61000-61999	
CLASS		CARS	
<b>50 TON HOPPER</b>			
<b>N K P</b>			
MECHANICAL DEPARTMENT			
CLEVELAND, OHIO		DEC. 26, 1950	
REVISIONS			
DR	TR	CH	GROUP NO.
EC	EC	SS	14
			SHEET NO.
			6



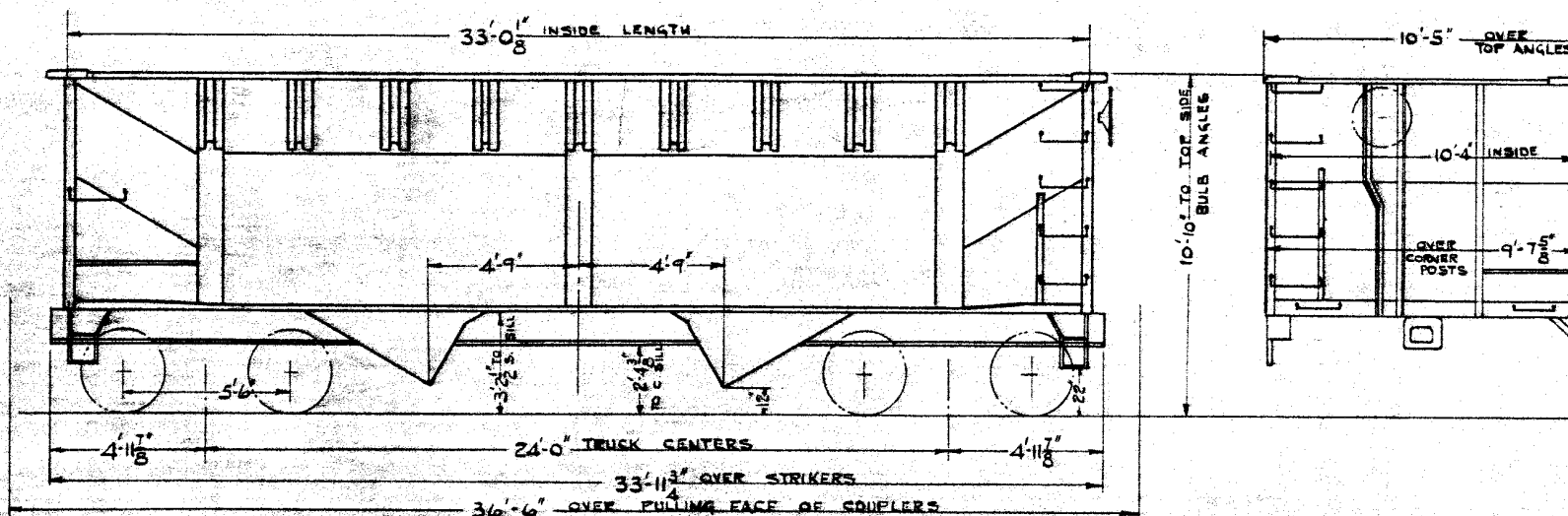
WINE HOPPER DOOR LOCKS		
SERIES	FRAMES	LOCKS
62000-62249	NO	3B-47B
62250-63149	YES	4HF-237
63150-63649	YES	4HF-333
63650-64399	YES	4HF-457

CARS	BUILDER	YEAR BUILT	LIGHT WT.	LOAD LT.	BUILDERS REF.	R.R. SPEC. NO.
62000-62249	W.L.E. CO. IRONVILLE	1937	40900	136100	NONE	C-144-B
62250-62649	KALSTON S. CO. COLUMBUS, O.	1939	40500	136500	C-2529	C-146-A
62650-63049	PULLMAN STA. BUTLER, PA.	1939	40400	136600		C-146-D
63050-63149	KALSTON S. CO. COLUMBUS, O.	1939	40600	136400	C-2531	C-146-C
63150-63649	AMER. CAR BDY. HUNTINGTON, W.VA.	1941	40600	136400		C-146-D

WHEELS	CARS
AAE IW WROT 3	62000-62149
AAE MW WROT 3	62150-62349
AAE IW WROT 3	62350-63649

CARS	HAND BRAKE
62000-62149	EQUIPCO
62150-62249	KLASING
62250-62449	EQUIPCO
62450-62649	KLASING
62650-63649	EQUIPCO

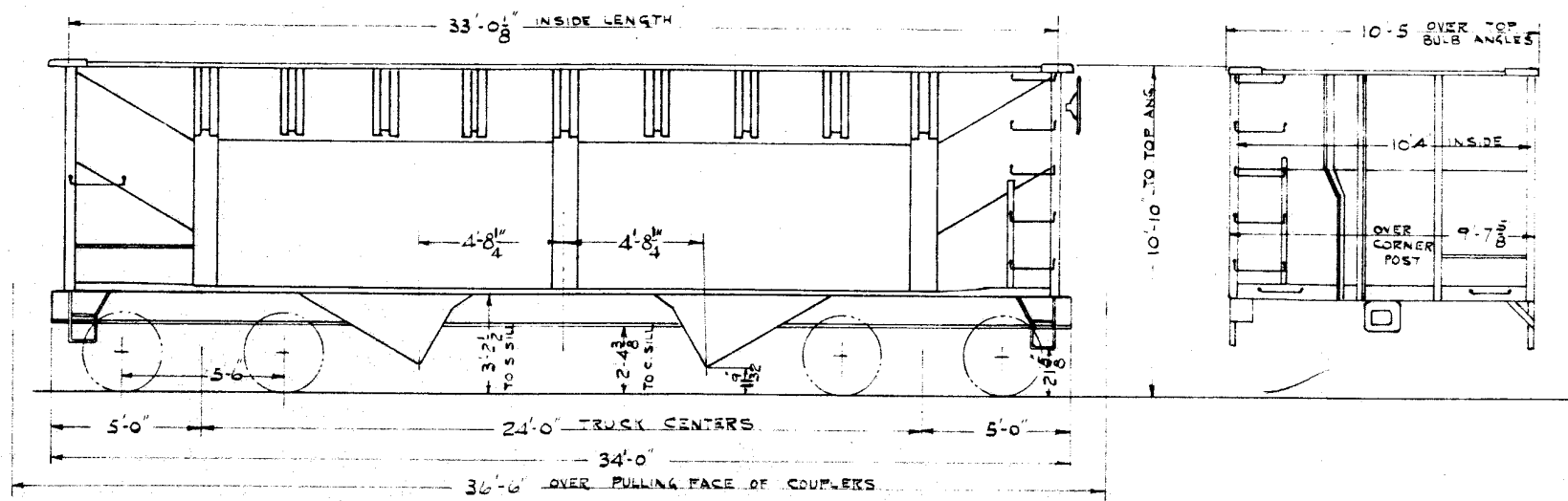
CARS	DRAFT GEAR
62000-62099	MINER A-22XB
62100-62249	WAUGH-403
62250-62349	WAUGH-403
62350-62449	PEERLESS-HI
62450-62549	MINER A-22-XB
62550-62649	WESTINGHOUSE NY-1E
62650-62849	WESTINGHOUSE NY-1E
62850-62949	MINER A-22-XB
62950-63049	WAUGH-403
63050-63149	PEERLESS-HI
63150-63349	WESTINGHOUSE NY-1-E
63350-63449	MINER A-22-XB
63450-63549	WAUGH-403
63550-63649	PEERLESS-H-I



SPRINGS	NO. PER AXLE	CARS
A.A.R. CLASS 'F'	4 DOUBLE COIL	62000-62249
A.A.R. CLASS 'E'	2 DOUBLE COIL	62250-63149
A.A.R. CLASS 'D' MTS	2 DOUBLE COIL	
A.A.R. CLASS 'D-2'	4 DOUBLE COIL	63150-64399

GENERAL DATA		TRUCK DATA		MISCELLANEOUS		W.L.E. 62000-63649 CLASS CARS	
DESIGN BY	SEE TABLE	CENTER SILL	12 1/2" A.A.R. 2" SEC. @ 41.19" PER FT.	SIDE BEARING CENTERS	4'-2"	62000-63649 CLASS CARS	
YEAR BUILT	SEE TABLE	CENTER SILL AREA	28.24 SQ. IN.	SMOOTHING	3/16" STEEL BETWEEN BOLSTERS, 1/4" EXTENDS	50 TON HOPPER	
CAPACITY LEVEL FULL—CU. FT.	2221	CENTER RILL COVER PLATE		SUPERSTRUCTURE	STEEL	NKP	
CAPACITY WITH 10 IN. HEAP CU. FT.	2483	COUPLER	AAE 6" X 8" TYPE 'E' BOT. OPERATING	UNDERFRAME	STEEL	MECHANICAL DEPARTMENT	
AVERAGE LOAD LIMIT—LBS.	SEE TABLE	COUPLER RELEASE RIGGING	SEE NOTE 1	NOTE 1: 62000-62649 - U.M.P. CO'S IMPERIAL ROTARY TYPE.			
AVERAGE LIGHT WEIGHT—LBS.	SEE TABLE	DOOR	1/4" PRESSED STEEL	62650-63649 - CAR BUILDER'S JOINTED ROTARY TYPE.			
BUILDERS REFERENCE	SEE TABLE	DOOR FEATURES	WINE - SEE TABLE	NOTE 2: CAR 68550 HAS SCULLIN L-V TRUCKS			
R.R. SPEC. NO.	SEE TABLE	DOOR CLEAR OPENING	2'-2 3/8" X 3'-0" SERIES 62250-63649				
CAR BODY DATA		DRAFT GEAR	SEE TABLE				
AIR BRAKE MFG.	WAS CO	DRAFT GEAR ATTACHMENT	CAST STEEL YOKE				
AIR BRAKE SCHEDULE	'AB' 10 X 12	ENDS	PLAIN 3/16" O.H. STEEL				
BODY BOLSTER	BUILT UP STEEL	END-LOAD RATIO	0.467				
BODY CENTER PLATE	DROP FORGED	FLOORING	1/4" O.H. STEEL				
BODY SIDE BEARING	HARDENED AXLE STEEL DR. FGD.	GENERAL DRAWING OF CAR—NO.	W.L.E. 5006				
BRAKE STEP	CAR BUILDERS - STEEL 1/4" PLATE	HAND BRAKE	SEE TABLE				
		LINING END	-				
		LINING SIDE	-				
		ROOF	-				
		TRUCK DATA					
		BOLSTER NATIONAL 8&B1- CAST STEEL-NOTE-2					
		BRAKE BEAM A.A.R. NO. 15					
		BRAKE BEAM SAFETY ANGLE AT BOLSTER CENTER					
		CENTER PLATE CAST INTEGRAL TO BOLSTER					
		GENERAL DRAWING OF TRUCK NO.					
		JOURNAL 5 1/2" X 10"					
		SIDE BEARING 62000-62249-Q&C/ALL OTHERS-STUCKI					
		SIDE FRAME NATIONAL 8&B1- CAST STEEL					
		SPRING SEE TABLE					
		WHEELS SEE TABLE					
		WEIGHT OF ONE TRUCK					
		CENTER PLT. HGT. 2'-13 1/4"					
						REVISIONS	
DR	TR	CH	GROUP NO.		SHEET		
E <sub>FC</sub>	E <sub>FC</sub>	S.S.	14		7		
						CLEVELAND, OHIO DEC 20, 1950	

CARS	DRAFT GEAR
63650-64049	MINER A-22-XB
64050-64299	PEERLESS H-1-B
64300-64399	EDGEWATER B-32-KA



**GENERAL DATA**  
 BUILT BY AMERICAN CAR & FDY HUNTINGTON W. VA.  
 YEAR BUILT 1947  
 CAPACITY LEVEL FULL—CU. FT. 2221  
 CAPACITY WITH 10 IN. HEAP CU. FT. 2483  
 AVERAGE LOAD LIMIT—LBS. 135800  
 AVERAGE LIGHT WEIGHT—LBS. 41200  
 BUILDERS REFERENCE 3017  
 R. R. SPEC. NO. C-150-A

**CAR BODY DATA**  
 AIR BRAKE MFG. W.A.B. CO.  
 AIR BRAKE SCHEDULE "AB" 10" X 12" SCHED. 1  
 BODY BOLSTER BUILT UP STEEL  
 BODY CENTER PLATE DROP FORGED  
 BODY SIDE BEARING HARDENED AXLE STEEL  
 BRAKE STEP—APEX TRI-LOK

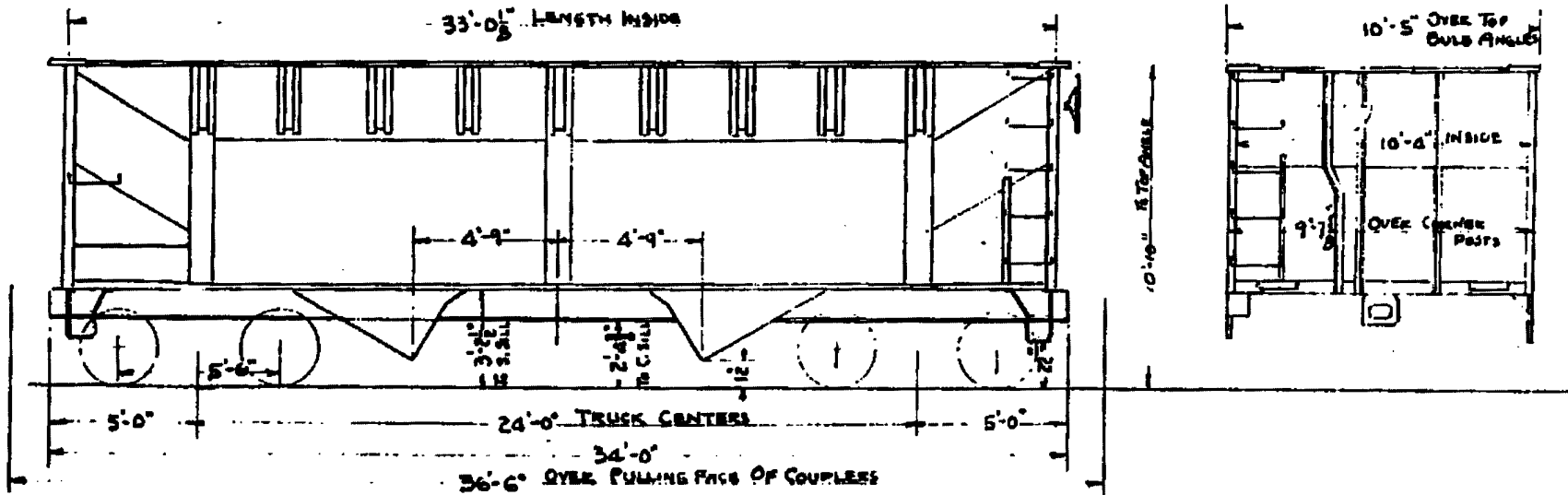
CENTER SILL A.A.R. "Z" SEC 12 1/2 @ 4.2# PER FT.  
 CENTER SILL AREA 24.24 SQ. IN.  
 CENTER SILL COVER PLATE —  
 COUPLER A.A.R. 6 1/4" X 8" TYPE "E" BOTT. OPERTG.  
 COUPLER RELEASE RIGGING STAND BY EQUIP. BOTT. OPERTG.  
 DOOR 5/16" PRESSED STEEL  
 DOOR FIXTURES WINE  
 DOOR CLEAR OPENING  
 DRAFT GEAR SEE TABLE  
 DRAFT GEAR ATTACHMENT CAST STEEL YOKE  
 ENDS—PLAIN—3/16" OH STEEL  
 END LOAD RATIO .0461  
 FLOORING 1/4" OH STEEL  
 GENERAL DRAWING OF CAR—NO. W.L.E. 5672  
 HAND BRAKE EQUIPCO  
 LINING END —  
 LINING SIDE —  
 ROOF —

SIDE BEARING CENTERS 4'-2"  
 SHEATHING 3/16" STEEL BETWEEN BOLSTERS 1/4" AT ENDS  
 SUPERSTRUCTURE STEEL  
 UNDERFRAME STEEL

**TRUCK DATA**  
 BOLSTER ASF BASIC—CAST STEEL  
 BRAKE BEAM A.A.R. NO. 3  
 BRAKE BEAM SAFETY ANGLE AT BOLSTER CENTER  
 CENTER PLATE CAST INTEGRAL TO BOLSTER  
 GENERAL DRAWING OF TRUCK NO.  
 JOURNAL 5 1/2" X 10"  
 SIDE BEARING STUCKI  
 SIDE FRAME ASF BASIC—CAST STEEL, INTEGRAL BOX  
 SPRING 4 DOUBLE COIL CLASS D-2 SPRINGS PER  
 WHEELS CAST IRON 750 LBS.  
 WEIGHT OF ONE TRUCK  
 CENTER PLT. HGT. 2'-1 3/4"

**MISCELLANEOUS**  
 NOTE 1:  
 TRUCKS ON CARS 64190-64389  
 ARE EQUIPPED WITH HOLLOW AXLES

W.L.E. 63650-64399		63650-64399	
CLASS		CARS	
<b>50 TON HOPPER</b>			
<b>N K P</b>			
MECHANICAL DEPARTMENT			
CLEVELAND, OHIO		DEC. 22, 1950	
REVISIONS			
DR	TR	CH	GROUP NO.
FC	FC	S.S.	14
			SHEET NO.
			8



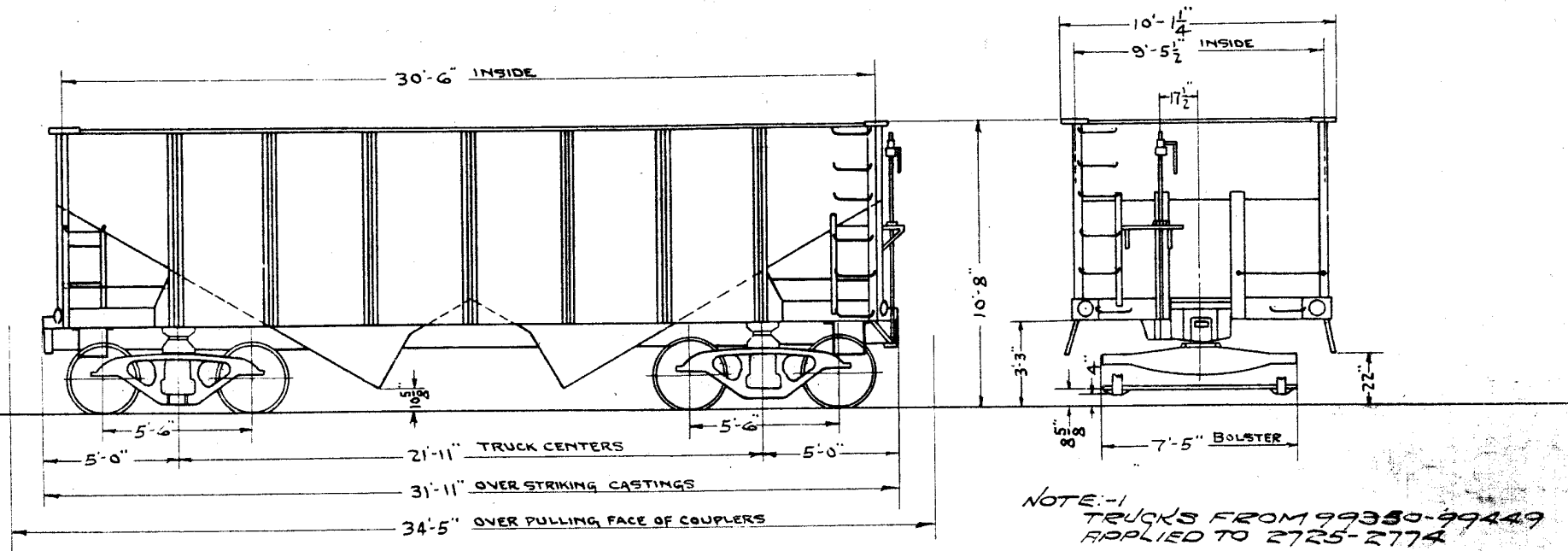
FOR CARS PROGRAM REPAIRED  
STARTING IN 1964

**GENERAL DATA**  
 UNIT BY AM. CAR & FOT: PROD. REPR. BOSTON  
 YEAR BUILT 1947 PROGRAM REPARED 1964  
 EQUIPMENT NO. 2221  
 CAR NO. 2403  
 ADDRESS 190 700  
 WEIGHT 40 300  
 BOSTON DEPOT  
 W. A. B. Co.  
 "AB" 10" X 12"  
 BUILT-UP STEEL  
 DEEP FORGED  
 DEEP FORGED HANGERS AND STEEL  
 APEN TR-LAK

LEAF 2-SEC. E 41.2 LBS. PER FOOT  
 24.24 SQ. IN.  
 A.A.R. 6 1/2" x 8" TYPE "E" BOYT. OPER.  
 STD. BY. EQ. DOTT. OPER.  
 5/16" PRESSED H.T.L.A. STEEL  
 WIND ON NINE DOOR FRAMES  
 RECONDITIONED  
 C. S. YOKS  
 3/16" C.S. ST.  
 1/2" x 3/4" H.T.L.A. ST.  
 W.L.E. 5547  
 EQUIPMENT

MISCELLANEOUS  
 3/16" C.S. BETWEEN BOLSTERS - 1/4" AT ENDS  
 STEEL - H.T.L.A. SIDE STAKES  
 STEEL  
 A.S.F. BASIC - CAST STEEL  
 A.A.R. NO. 15  
 ANGLE AT CTR. OF BOLSTER  
 CAST INTEGRAL WITH BOLSTER  
 5/8" x 10"  
 STUCKI  
 A.S.F. BASIC - C.S. INTEGRAL BOX  
 DOUBLE COIL CLASS D-2 PER NEST  
 CAST IRON - 750 LBS.  
 CENTER PLT. HEIGHT - 2'-13/16"

63650-64399	
50 TON HOPPER	
NKP	
SEPT. 12 1964	
ONS	8 A



NOTE-1  
TRUCKS FROM 99350-99449  
APPLIED TO 2725-2774

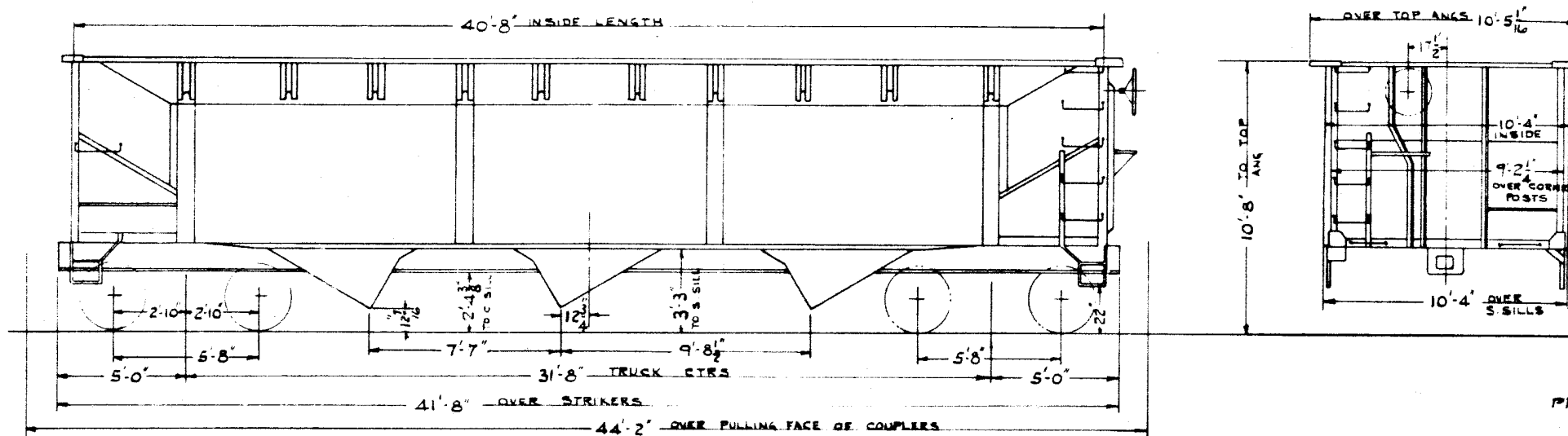
NOTE-2  
CARS FROM THIS SERIES CONVERTED TO  
99600-99639 AND 99950-99959 - 1936  
CARS 99950-99959 CONVERTED BACK TO 99000-99449 IN 1939

GENERAL DATA		MISCELLANEOUS	
BUILT BY - STANDARD STEEL CAR CO.	CENTER SILL - 2-12" - 34.5# SH. HAN.	SIDE BEARING CENTERS - 4'-2"	NOTE-1
YEAR BUILT - 1919	CENTER SILL AREA 24.01 SQ. IN.	SHEATHING 1/4" STEEL PLATE	99000-99349 - 33" WROT STEEL WHEELS
CAPACITY LEVEL FULL - CU. FT. - 1880	CENTER SILL COVER PLATE 12 1/2" X 5 1/16"	SUPERSTRUCTURE - STEEL	99350-99449 - 33" CAST IRON WHEELS
CAPACITY WITH 10 IN. HEAP CU. FT. - 2120	COUPLER - ARA TYPE D - 6" X 8" SHANK	UNDERFRAME - STEEL	
AVERAGE LOAD LIMIT - LBS. - 137000	COUPLER RELEASE RIGGING - CARMER		
AVERAGE LIGHT WEIGHT - LBS. - 40000	DOOR - PRESSED STEEL	TRUCK DATA	
BUILDERS REFERENCE	DOOR FIXTURES - SIMONTON & WINE 38-848	BOLSTER - CAST STEEL	
R. R. SPEC. NO.	DOOR CLEAR OPENING	BRAKE BEAM No. 2	
	DRAFT GEAR - WESTINGHOUSE, SESSIONS & CARDWELL	BRAKE BEAM SAFETY CRECO 3-POINT	
	DRAFT GEAR ATTACHMENT - CAST STEEL YOKE	CENTER PLATE - CAST INTEGRAL	
	ENDS - PLAIN STEEL - 3/16"	GENERAL DRAWING OF TRUCK NO.	
	END LOAD RATIO - .055	JOURNAL - 5 1/2" X 10"	
	FLOORING 1/4" STEEL PLATE	SIDE BEARING ROLLER	
	GENERAL DRAWING OF CAR NO. 139-10-184	SIDE FRAME - CAST STEEL - ANDREWS	
	HAND BRAKE - BLACKALL RATCHET	SPRING - ARA STD TYPE-D	
	LINING END -	WHEELS - SEE NOTE-1	
	LINING SIDE -	WEIGHT OF ONE TRUCK 8175*	
	ROOF -	CENTER PLATE HEIGHT 2'-1 1/4"	
CAR BODY DATA			
AIR BRAKE MFG - W.A.B. CO.			
AIR BRAKE SCHEDULE - KD-1072			
BODY BOLSTER - BUILT UP STEEL			
BODY CENTER PLATE - DROP FORGED OR C.S. PATT-A975			
BODY SIDE BEARING PLATE			
CARLINPS			
		U.S.R.A. 99000-99449	
		CLASS CARS	
		50 TON HOPPER	
		N.K.P.	
		ADVISORY MECHANICAL COMMITTEE	
		CLEVELAND, OHIO MAY 18, 1933	
		C O REVISIONS	
		DR TR CH GROUP NO. SHEET NO.	
		C.J.T. C.J.T. 14 9	

CARS	DRAFT GEAR
78000-78499	PEERLESS H-1-B
78500-78999	WAUGH-403A

NOTE - 1:  
FLOORS, SIDE STAKES, HOPPER CHUTES, CROSSRIDGE SHEETS, HOPPER DOORS,  
LONG HOODS, ARE 5/16" H.T.L.A. STEEL.

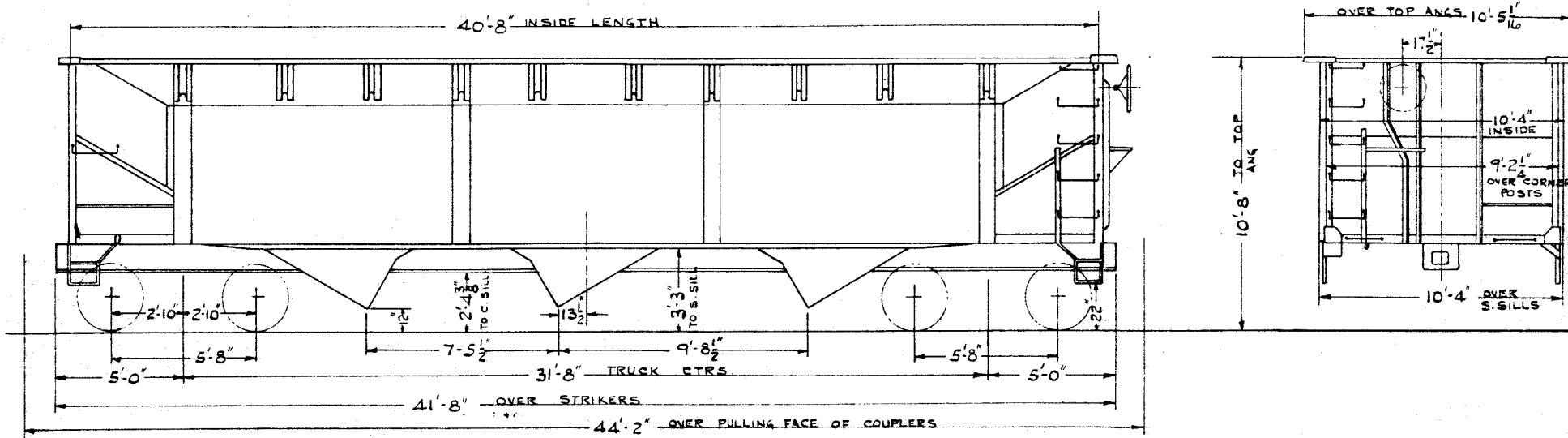
NOTE - 2:  
CAR 78874 EQUIPPED WITH PEACOCK ELLCON-NATIONAL  
BRAKE REGULATOR



PROGRAM REPAIRED

<b>GENERAL DATA</b> BUILT BY GREENVILLE STEEL CAR CO YEAR BUILT NOV. 1947 TO JAN. 1948 CAPACITY LEVEL FULL - CU. FT. 2773 CAPACITY WITH 10 IN. HEAP CU. FT. 3089 AVERAGE LOAD LIMIT - LBS. 168200 AVERAGE LIGHT WEIGHT - LBS. 51800 BUILDERS REFERENCE - 488 R. R. SPEC. I. D. C-152-C		<b>CAR BODY DATA</b> AIR BRAKE MFG. W. B. CO AIR BRAKE SCHEDULE "A" 10" x 12" SCHED-1 BODY BOLSTER - BUILT UP STEEL BODY CENTER PLATE - DROP FORGED BODY SIDE BEARING - AXLE HARDENED STEEL BRAKE STEP - APEX TRI-LOK		<b>CENTER SILL</b> 12 1/2" AAR 2" SEC # 41.2" PER FT. <b>CENTER SILL AREA</b> 24.24 SQ. IN. <b>CENTER SILL COVER PLATE</b> - <b>COUPLER</b> AAR TYPE "E" 4 1/2" x 8" BOTT. OPERTG. <b>COUPLER RELEASE RIGGING STAND BY EQUIPT. CO BOTT. OPERTG.</b> <b>DOOR</b> 1/4" PRESSED H.T.L.A. STEEL <b>DOOR FIXTURES</b> WINE <b>DOOR CLEAR OPENING</b> 26 3/8" x 35 1/8" <b>DRAFT GEAR</b> SEE TABLE <b>DRAFT GEAR ATTACHMENT</b> CAST STEEL YOKE <b>ENDS</b> 1/2" C.B. STEEL <b>END LOAD RATIO</b> .0461		<b>TRUCK DATA</b> <b>BOLSTER</b> A SF BASIC - CAST STEEL <b>BRAKE BEAM</b> AAR NO. 3 <b>BRAKE BEAM SAFETY LEDGES</b> - CAST INTEGRAL TO S FRAME <b>CENTER PLATE</b> CAST INTEGRAL <b>GENERAL DRAWING OF TRUCK NO.</b> <b>JOURNAL</b> 6" x 11" <b>SIDE BEARING</b> STUCKI <b>SIDE FRAME</b> A SF BASIC - CAST STEEL INTEGRAL BOM <b>SPRING</b> 1930 CLASS D-2 3 OUTER COILS & 5 INNER COILS <b>WHEELS</b> 33" DIA. MULTIPLE WEAR WROG. STEEL <b>WEIGHT OF ONE TRUCK</b> <b>CENTER PLY HGT</b> 2-13/4"		<b>MISCELLANEOUS</b>		<b>WLE</b> 78000-78999 <b>78000-78999</b> <b>CLASS</b> <b>CARS</b> <b>70 TON HOPPER</b> <b>NKP</b> MECHANICAL DEPARTMENT CLEVELAND, OHIO DEC. 16, 1960	
						<b>REVISIONS</b>					
						DR TR CH GROUP NO. SHEET NO. EFC EC 5.5 15 1					

CARS	DRAFT GEAR
78000-78499	PEERLESS H-1-B
78500-78999	WAUGH-403-A



GENERAL DATA	
BUILT BY GREENVILLE STEEL CAR CO	
YEAR BUILT NOV. 1947 TO JAN. 1948	
CAPACITY LEVEL FULL - CU. FT. 2773	
CAPACITY WITH 10 IN. HEAP CU. FT. 3089	
AVERAGE LOAD LIMIT - LBS. 17000	
AVERAGE LIGHT WEIGHT - LBS. 49700	
BUILDERS REFERENCE - 488	
R. R. SPEC. NO. - C-152-C	
CAR BODY DATA	
AIR BRAKE MFG. W.A.B. CO.	
AIR BRAKE SCHEDULE 'AB' 10"x12" SCHD-1	
BODY BOLSTER - BUILT UP STEEL	
BODY CENTER PLATE - DROP FORGED	
BODY SIDE BEARING - AXLE HARDENED STEEL	
BRAKE STEP - APEK TRI-LOK	

CENTER SILL 12 <sup>15</sup> / <sub>16</sub> " A.A.R.'Z" SEC @ 41.2# PER FT.	
CENTER SILL AREA 24.24 SQ. IN.	
CENTER SILL COVER PLATE -	
COUPLER A.A.R. TYPE 'E' 6 1/4" X 8" BOTT. OPERTG.	
COUPLER RELEASE RIGGING STAND, RV. EQUIPT. CO BOTT. OPERTG.	
DOOR 1/4" PRESSED STEEL	
DOOR FIXTURES WINE - 38-895	
DOOR CLEAR OPENING 2'-9 3/8" X 2'-1 7/8"	
DRAFT GEAR SEE TABLE	
DRAFT GEAR ATTACHMENT CAST STEEL YOKE	
ENDS PLAIN - 1/32" STEEL	
END LOAD RATIO .0461	
FLOORING 1/4" STEEL	
GENERAL DRAWING OF CAR NO. WLE 5827	
HAND BRAKE AJAX	
LINING END -	
LINING SIDE -	
ROOF -	

SIDE BEARING CENTERS 4'-2"	
SHEATHING 1/32" STEEL BETWEEN BOLTS 1/4" AT END	
SUPERSTRUCTURE STEEL	
UNDERFRAME STEEL	
TRUCK DATA	
BOLSTER A SF BASIC - CAST STEEL	
BRAKE BEAM AAR NO. 3	
BRAKE BEAM SAFETY - LEDGES - CAST INTEGRAL TO S FRAME	
CENTER PLATE CAST INTEGRAL	
GENERAL DRAWING OF TRUCK NO.	
JOURNAL 6" X 11"	
SIDE BEARING STUCKI	
SIDE FRAME A SF BASIC - CAST STEEL INTEGRAL BOL	
SPRING 1936 CLASS D-2 .5 OUTER COILS & 5 INNER COILS	
WHEELS 33" DIA. MULTIPLE WEAR WRGT STEEL	
WEIGHT OF ONE TRUCK	
CENTER PLY. HGT. 2'-1 3/4'	

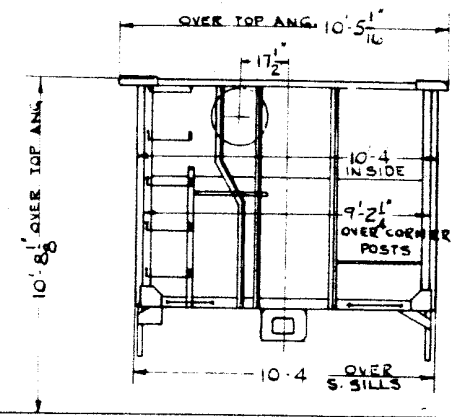
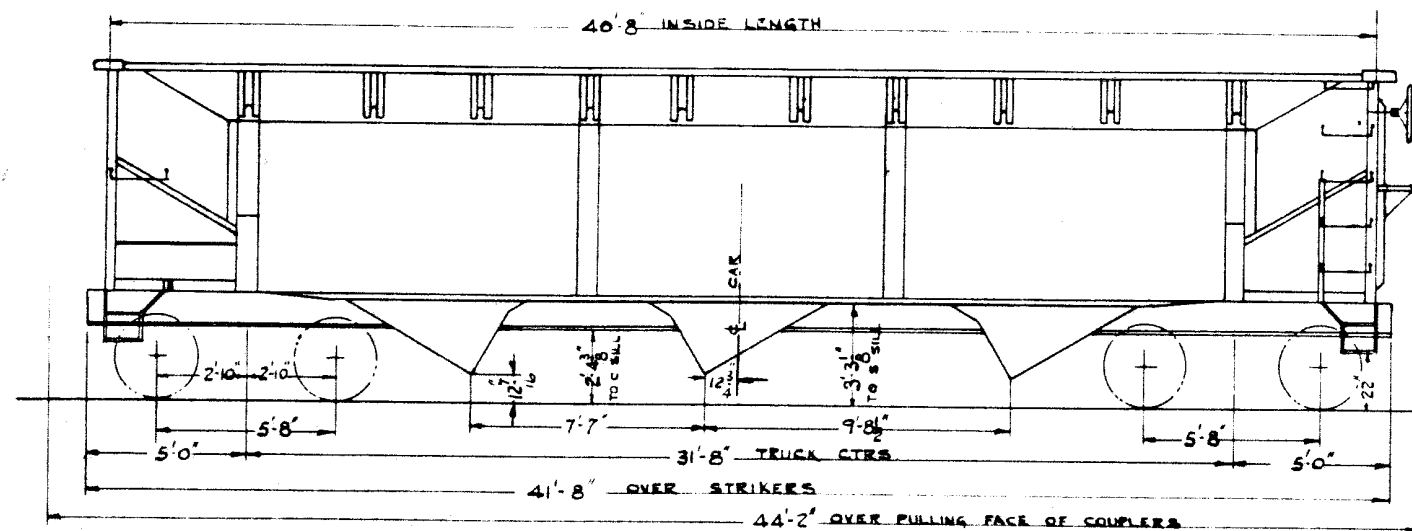
MISCELLANEOUS	

WLE		78000-78999	
78000-78999		78000-78999	
CLASS		CARS	
70 TON HOPPER			
NKP			
MECHANICAL DEPARTMENT			
CLEVELAND, OHIO DEC. 16, 1950			
REVISIONS			
DR	TR	CH	GROUP NO.
FC	FC	SS.	15
			SHEET NO.
			1A

CARS	DRAFT GEAR
79000-79299	PEERLESS H-I-B
79300-79599	WAUGH 403-A
79600-79799	MINER A-22-XB
79800-79999	CARD. WEST. NY-II-F
80000-80299	PEERLESS H-I-B-2
80300-80599	MINER A-22-XB
80600-80799	WAUGH 403-A
80800-80999	CARD. WEST. NY-II-F

NOTE-2:  
FLOORS, SIDE STAKES, HOPPER CHUTES, CROSSRIDGE SHEETS, LONG HOODS,  
HOPPER DOORS ARE 5/16" H.T.L.A. STEEL.

NOTE-3:  
24 CARS EQUIPPED WITH PEACOCK ELLON-NATIONAL  
BRAKE REGULATOR.

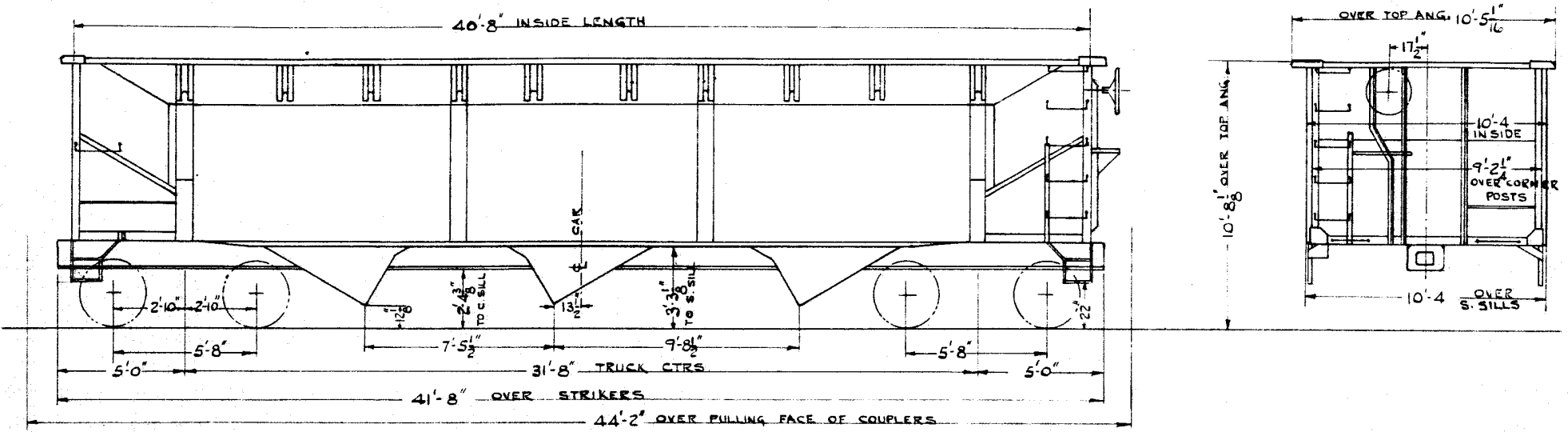


PROGRAM REPAIRED

GENERAL DATA		TRUCK DATA		MISCELLANEOUS	
BUILT BY RALSTON STEEL CAR CO.	CENTER BILL 12 7/16" A.A.R. 2" SEC @ 41.2" PER FT.	SIDE BEARING CENTERS 4'-2"	WHEELS 33" DIA MULTIPLE WEAR WROT STEEL	NOTE 1	
YEAR BUILT 1948	CENTER BILL AREA 24.24 SQ. IN.	SHEATHING 1/4" C.B. STEEL	CENTER PLT HGT 2'-1 3/4"	BRAKE STEP	
CAPACITY LEVEL FULL - CU. FT. 2773	CENTER BILL COVER PLATE	SUPERSTRUCTURE SEE NOTE 2		U.S. GYPSUM 79000-79999	
CAPACITY WITH 10 IN. HEAP CU. FT. 3089	COUPLER A.A.R. TYPE 'E' 6 1/4" X 8" BOTT. OPERTG.	UNDERFRAME - O.H. STEEL		APEX TRI LOK 80000-80999	
AVERAGE LOAD LIMIT - LBS. 168300	COUPLER RELEASE RIGGING STAND RY EQUIPT CO. BOTT. OPERTG.			79000-80999	
AVERAGE LIGHT WEIGHT - LBS. 57700	DOOR 5/16" DRESSED H.T.L.A. STEEL			CLASS	
BUILDERS REFERENCE 79000 SERIES-C-2573, 80000 SERIES-C-2574	DOOR FIXTURES WINE			CARS	
R.R. SPEC. NO. 79000 SERIES-C-155-A, 80000 SERIES-C-156-A	DOOR CLEAR OPENING 26 3/4" X 35 3/8"			70 TON HOPPER	
	DRAFT GEAR SEE TABLE			NKP	
	DRAFT GEAR ATTACHMENT CAST STEEL YOKE			MECHANICAL DEPARTMENT	
	ENDS 1/4" C.B. STEEL			CLEVELAND, OHIO	
	END LOAD RATIO .0461			DEC 18-1960	
	FLOORING 5/16" H.T.L.A. STEEL			REVISIONS	
	GENERAL DRAWING OF CAR - NO. 139-11-545			DR TR CH GROUP NO. SHEET NO.	
	HAND BRAKE AJAX			EFC EFC S.S. 15 2	
	LINING END -				
	LINING SIDE -				
	ROOF -				



CARS	DRAFT GEAR
79000-79299	PEERLESS H-1-B
79300-79599	WAUGH 403-A
79600-79799	MINER A-22-XB
79800-79999	CARD. WEST. NY-II-F
80000-80299	PEERLESS H-1-B-2
80300-80599	MINER A-22-XB
80600-80799	WAUGH 403-A
80800-80999	CARD. WEST. NY-II-F



GENERAL DATA	
BUILT BY	RALSTON STEEL CAR CO.
YEAR BUILT	1948
CAPACITY LEVEL FULL - CU. FT.	2773
CAPACITY WITH 10 IN. HEAP CU. FT.	3089
AVERAGE LOAD LIMIT - LBS.	171,150
AVERAGE LIGHT WEIGHT - LBS.	48,850
BUILDERS REFERENCE	79000 SERIES - C-155-A, 80000 SERIES - C-156-A
R. R. SPEC. NO.	79000 SERIES - C-155-A, 80000 SERIES - C-156-A
CAR BODY DATA	
AIR BRAKE MFG.	W.A.B. CO.
AIR BRAKE SCHEDULE	AB 10" X 12"
BODY BOLSTER	21" I BEAM 68# PER FT. O.H. STEEL
BODY CENTER PLATE	DROP FORGED
BODY SIDE BEARING	HARDENED SPRING STEEL
CAR LINES	-

CENTER SILL	12 3/16" A.A.R. Z" SEC. @ 41.2# PER FT.
CENTER SILL AREA	24.24 SQ. IN.
CENTER SILL COVER PLATE	-
COUPLER	A.A.R. TYPE "E" 6 1/4" X 8" BOTT. OPER'G.
COUPLER RELEASE RIGGING	STAND. KY. EQUIPT. CO. BOTT. OPER'G.
DOOR	1/4" PRESSED STEEL
DOOR FIXTURES	WINE - 3B-948
DOOR CLEAR OPENING	2'-2 3/4" X 2'-9 1/4"
DRAFT GEAR	SEE TABLE
DRAFT GEAR ATTACHMENT	CAST STEEL YOKE
ENDS	PLAIN - 7/32" STEEL
END LOAD RATIO	.0461
FLOORING	1/4" STEEL
GENERAL DRAWING OF CAR - NO.	WLE 5984
HAND BRAKE	AJAX
LINING END	-
LINING SIDE	-
ROOF	-

SIDE BEARING CENTERS	4'-2"
SNEATHING	7/32" STEEL, END SIDE SHEET 1/4" STEEL
SUPERSTRUCTURE	STEEL
UNDERFRAME	STEEL
TRUCK DATA	
BOLSTER	A.S.F. BASIC - CAST STEEL
BRAKE BEAM	A.A.R. NO. 3
BRAKE BEAM SAFETY - LEDGES	CAST INTEGRAL TO S-FRAME
CENTER PLATE	CAST INTEGRAL
GENERAL DRAWING OF TRUCK NO.	-
JOURNAL	6" X 11"
SIDE BEARING	STUCKI
SIDE FRAME	C.S. ASF BASIC - INTEGRAL BOX
SPRING	1936 CLASS D-2, 5 OUTER & 5 INNER COILS
WHEELS	33" DIA. MULTIPLE WEAR WROT STEEL
WEIGHT OF ONE TRUCK	-
CENTER PLT. HGT.	2'-1 3/4"

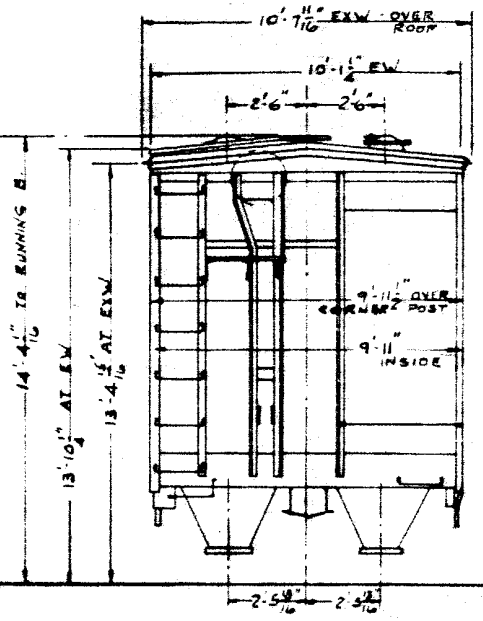
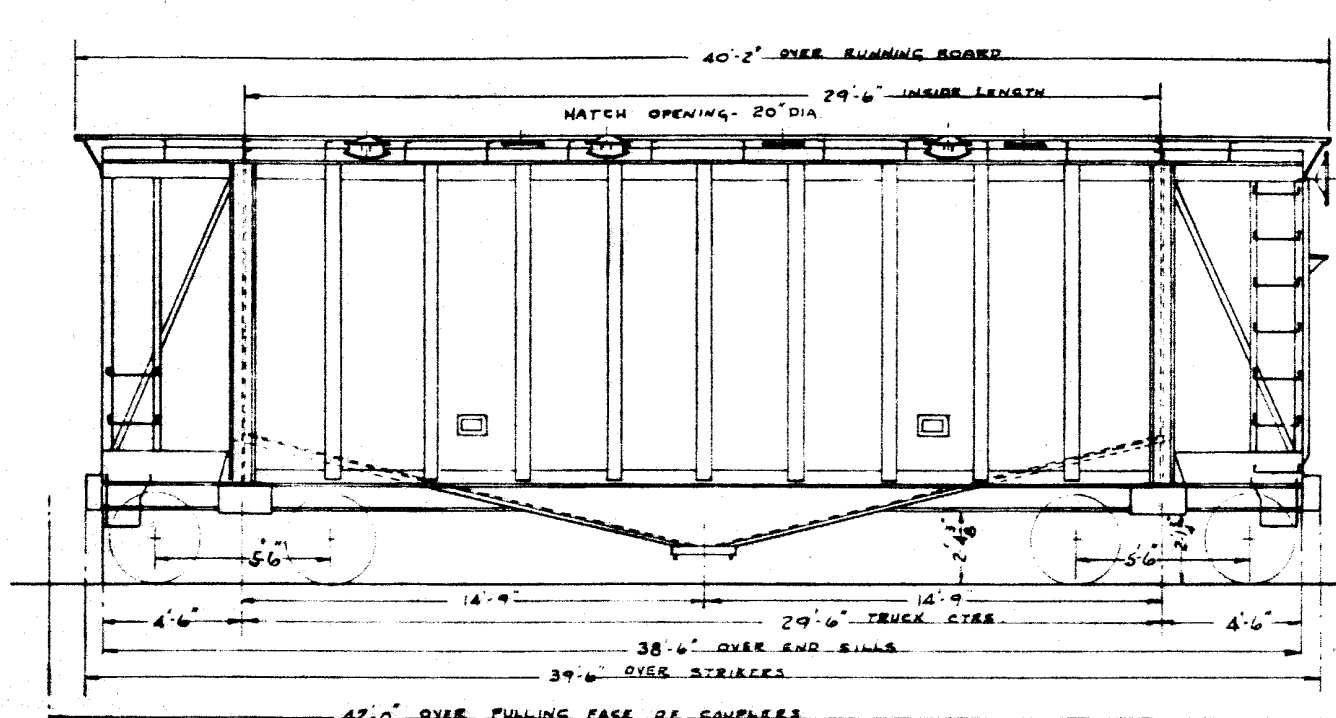
MISCELLANEOUS	
NOTE 1	BRAKE STEP - APEN TRI-LOK

WLE	79000-80999	79000-80999
CLASS	CARS	
70 TON HOPPER		
NKP		
MECHANICAL DEPARTMENT		
CLEVELAND, OHIO		DEC. 18-1950
REVISIONS		
DR	TR	CH
E <sub>FC</sub>	E <sub>FC</sub>	S.S.
GROUP NO.		SHEET NO.
15		2A









CENTER OF GRAVITY, WITH LOAD  
LIMIT TO SIDE PLATE, =  $89\frac{1}{2}$ "

NOTE-1:  
THE AIRSLIDE IS THE SELF UNLOADING FEATURE OF THIS CAR. AIR SLIDE FABRIC IS LOCATED IN THE BOTTOM OF EACH OF THE TWO HOPPER TRENCHES AND EXTENDS THE FULL LENGTH OF CAR ON EITHER SIDE OF THE CENTER SILL.  
AIR IS DIRECTED INTO THE CHAMBERS PERMEATING THE AIRSLIDE FABRIC AND ABRATING THE LADING. THIS CAUSES THE LADING TO FLOW DOWN THE HOPPER SLOPES AND THROUGH THE DISCHARGE OUTLETS.

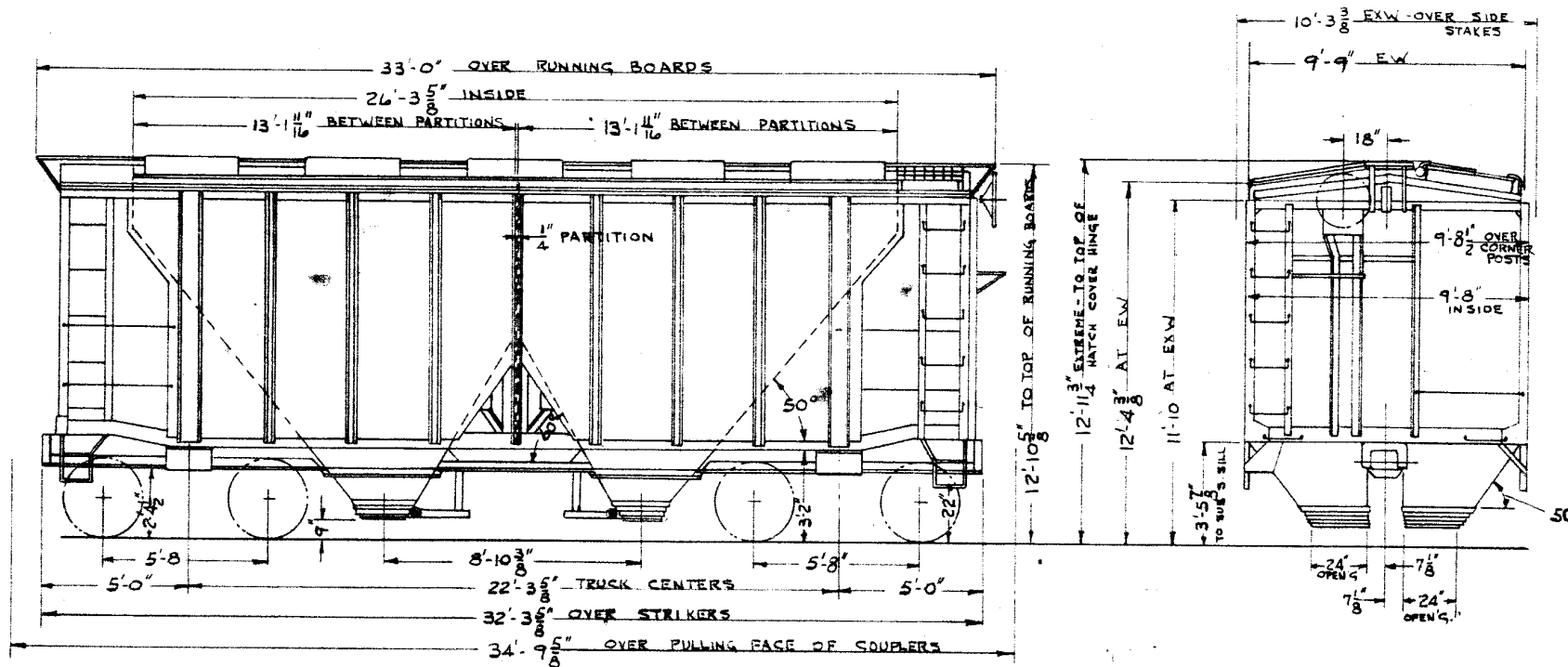
GENERAL DATA	
BUILT BY	GEN. AMERICAN TRANSPORTATION CORP.
YEAR BUILT	
CAPACITY LEVEL FULL—CU. FT.	2600
CAPACITY WITH 10 IN. HEAP CH. FT.	
AVERAGE LOAD LIMIT—LBS.	722,200
AVERAGE LIGHT WEIGHT—LBS.	54,800
BUILDERS REFERENCE	
A. R. SPEC. NO.	
CAR BODY DATA	
AIR BRAKE MFG.	N. Y. A. B. CO.
AIR BRAKE SCHEDULE	"A"
BODY BOLSTER	BUILT UP STEEL
BODY CENTER PLATE	O. N. STEEL, DROP FORGED
BODY SIDE BEARING	HARDENED STEEL
CARLINES	3/2" x 2 1/2" x 1/4" ANG.

CENTER SILL	A. A. E. 2" x 26 @ 51.2" PER FT.
CENTER SILL AREA	30.12 SQ. IN.
CENTER SILL COVER PLATE	
COUPLER TYPE	"E" 6 1/2" x 8" BOTTOM OPERATING
COUPLER RELEASE RIGGING	STD. RY. EQUIP. CO. BOTT. OPER.
DOOR	CAR BUILDERS
DOOR FIXTURES	CAR BUILDERS
DOOR CLEAR OPENING	11" x 9"
DRAFT GEAR	MINER A-22-XL
DRAFT GEAR ATTACHMENT	CAST STEEL YOKE
ENDS	
END LOAD RATIO	.0390
FLOORING	3/16" STEEL - SEE NOTE-1
GENERAL DRAWING OF CAR	NO. G. A. T. C. DWG 5-3440
HAND BRAKE	MINER
LINING END	
LINING SIDE	
ROOF	CAR BUILDERS - 7/8" STEEL

SIDE BEARING CENTERS	4'-2"
SHEATHING	5/16" STEEL
SUPERSTRUCTURE	STEEL
UNDERFRAME	STEEL
TRUCK DATA	
BOLSTER	CAST STEEL - BARBER STABILIZED
BRAKE BEAM	UNIT TYPE - A. A. R. #10
BRAKE BEAM SAFETY	
CENTER PLATE	CAST INTEGRAL WITH BOLSTER
GENERAL DRAWING OF TRUCK NO.	GEN. AMER. 4-5769
JOURNAL	5 1/2" x 10"
SIDE BEARING POCKET & SHOE	CAST ON BOLSTER
SIDE FRAME	CAST STEEL - BARBER STABILIZED
SPRINGS	SEE NOTE-2
WHEELS	CAST STEEL, A. A. R. #33 - 33" DIA.
WEIGHT OF ONE TRUCK	WROT 87L

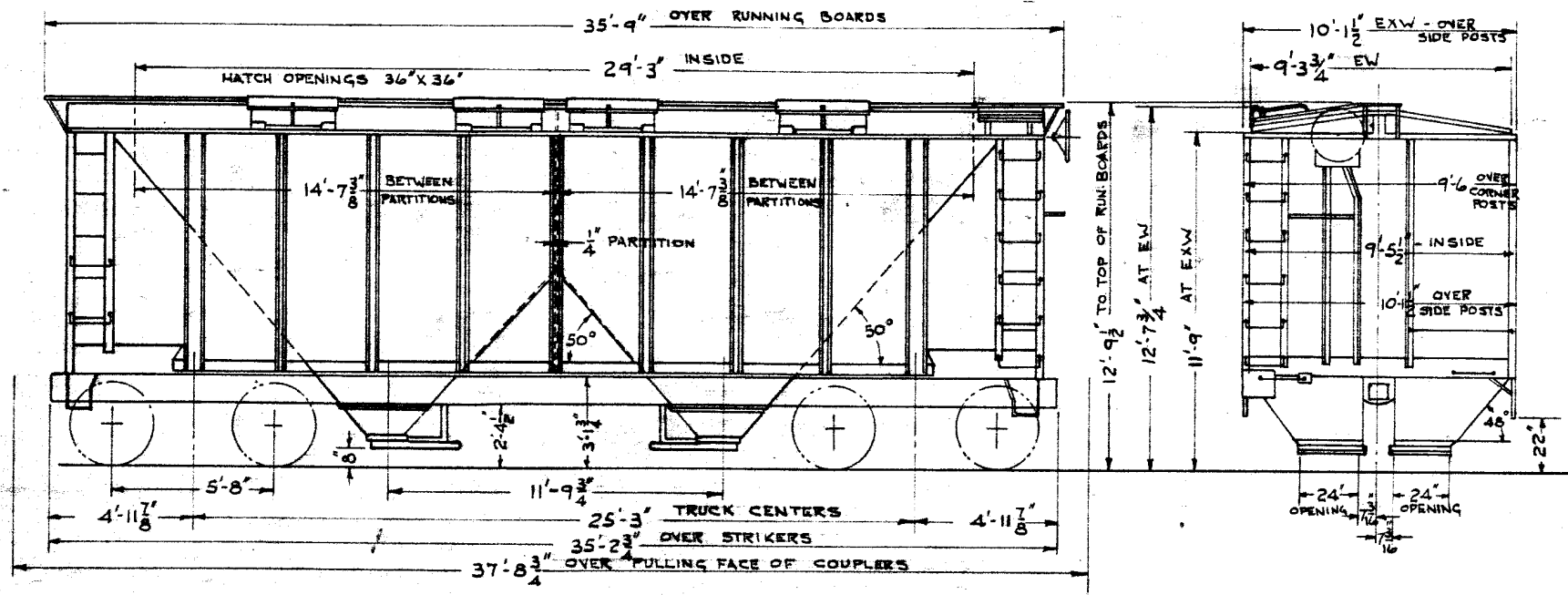
MISCELLANEOUS	
NOTE-2:	8 OUTER COILS & 1 INNER COILS - 1947 A. A. R. SPRINGS @ 2 1/2" TRAVEL, AND 2 BARBER STABILIZED SPRINGS PER NEST
NOTE-3:	CARS HAVE APER RUNNING BOARD & BRAKE STEP.

CLASS		517-552	
50 TON DRY BULK-AIRSLIDE			
<b>N K P</b>			
CLEVELAND, OHIO			
REVISIONS			
DR	TR	CH	
EFc	EFc	OKS	
GROUP No.			SHEET No.
16			3



NOTE-2:  
HATCH COVERS OPEN VERTICALLY  
ONLY AND WILL NOT LAY BACK  
ON RUNNINGBOARD.

GENERAL DATA		TRUCK DATA		MISCELLANEOUS	
BUILT BY	AMERICAN CAR & FDY. BERWICK, PA.	CENTER SILL	2-13" X 35" PER FT CHANNELS	SIDE BEARING CENTERS	4'-2"
YEAR BUILT	1937	CENTER SILL AREA	25.308 SQ. IN.	SHEATHING	*79A STEEL
CAPACITY LEVEL FULL—CU. FT.	1790 (TO EAVES)	CENTER SILL COVER PLATE	3/8" X 12 1/8"	SUPERSTRUCTURE	STEEL
CAPACITY WITH 10 IN. HEAP CU. FT.		COUPLER	A.A.R. TYPE "E" 6 1/4" X 8" BOTT. OPERTG.	UNDERFRAME	STEEL
AVERAGE LOAD LIMIT—LBS.	166100	COUPLER RELEASE RIGGING	STAND. RY. EQUIP. CO. BOTT. OPERTG.	NOTE -1: 1 FULL DOUBLE ELLIPTIC SPRING AND 4 DOUBLE COIL SPRINGS PER NEST AS SHOWN ON SYM. GOULD'S DWG. R-4657 AND WLE DWG. 5626.  WOOD RUNNING BOARD	
AVERAGE LIGHT WEIGHT—LBS.	53900	DOOR	ENTER PRIZE		
BUILDERS REFERENCE	LOT NO. 1729	DOOR FIXTURES	ENTERPRIZE		
R. R. SPEC. NO.	C-145-A	DOOR CLEAR OPENING HATCH	36" X 36", HOPPER 13" X 24"		
CAR BODY DATA		DRAFT GEAR	MINER A-22-KB		
AIR BRAKE MFG.	W.A.B. CO.	DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
AIR BRAKE SCHEDULE	AB-10" X 12"	ENDS			
BODY BOLSTER	BUILT UP STEEL	END LOAD RATIO	.0549		
BODY CENTER PLATE	DROP FORGED	FLOORING	1/4" STEEL		
BODY SIDE BEARING	HARDENED STEEL	GENERAL DRAWING OF CAR—NO.			
CARLINES	3" X 3" X 1/4" ANGLE	DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		
		ENDS			
		END LOAD RATIO	.0549		
		FLOORING	1/4" STEEL		
		GENERAL DRAWING OF CAR—NO.			
		DRAFT GEAR	MINER A-22-KB		
		DRAFT GEAR ATTACHMENT	FARLOW 2-KEY		

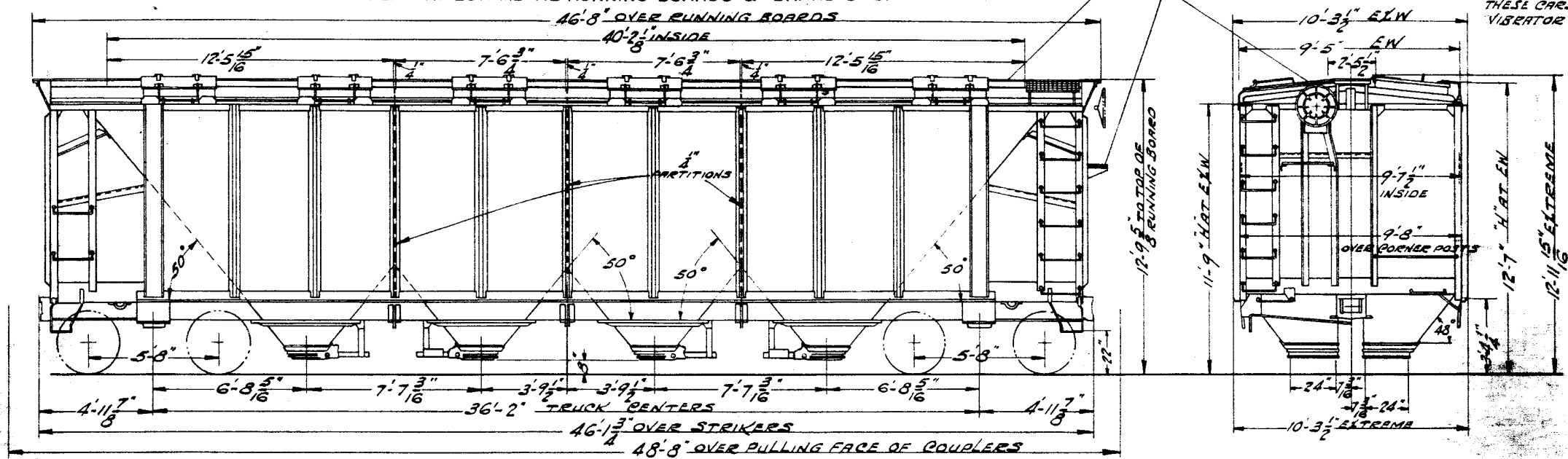


APEX TRI-LOK BRAKE STEP & RUNNING BOARD

GENERAL DATA		MISCELLANEOUS	
BUILT BY GEN. AMERICAN TRAS. CORP. E. CHICAGO, IND.	CENTER SILL 2 - 12" CHANNELS @ 35# PER FT.	SIDE BEARING CENTERS 4'-2"	NOTE-1: - CARS 13-18 ARE EQUIPPED WITH DOUBLE TRUSS TRUCKS. CARS 19-30 ARE EQUIPPED WITH A.S.F. BASIC TRUCKS, BOXES MODIFIED FOR TIMKEN ROLLER BEARINGS.
YEAR BUILT CARS 13-18 BLT. 1946, CARS 19-30 BLT. 1949	CENTER SILL AREA - 25.29 SQ. IN.	SHEATHING 3/16" C.B.S.	
CAPACITY LEVEL FULL - CU. FT. 1958	CENTER SILL COVER PLATE 7/8" X 12 1/8" O.H.S.	SUPERSTRUCTURE STEEL	NOTE-2: - CARS 13-18 ARE EQUIPPED WITH FRICTION BEARINGS. CARS 19-30 ARE EQUIPPED WITH MODIFIED AXLES FOR TIMKEN ROLLER BEARINGS.
CAPACITY WITH 16 IN. HEAP CU. FT.	COUPLER AAR 6 1/2" X 8" TYPE "E" BOTTOM OPERATING	UNDERFRAME STEEL	
AVERAGE LOAD LIMIT - LBS. 13-18, 167200; 19-30, 160200	COUPLER RELEASE RIGGING STAND. BY EQUIP. CO. BOTT. OPERG.	CENTER PLT. W8HT. - 2'-1 3/4"	NOTE-3: - CARS 13-18 ARE EQUIPPED WITH CRECO 3 POINT SUPPORTS. CARS 19-30 ARE EQUIPPED WITH ANGLES AT BOLSTER CENTERS.
AVERAGE LIGHT WEIGHT - LBS. 13-18, 52800; 19-30, 51800	DOOR - HOPPER - ENTERPRISE	TRUCK DATA	
BUILDERS REFERENCE 13-18, 2965; 19-30, 3007	DOOR FITTINGS - HOPPER - ENTERPRISE	BOLSTER CAST STEEL - SEE NOTE-1	
R. R. SPEC. NO.	DOOR CLEAR OPENING MATCH 36" X 36" HOPPER 13" X 24"	BRAKE BEAM A.A.R. NO. 3	
	DRAFT GEAR MINER A-22-XB	BRAKE BEAM SAFETY SEE NOTE-3	
	DRAFT GEAR ATTACHMENT CAST STEEL YOKE	CENTER PLATE CAST INTEGRAL WITH BOLSTER	
	ENDS -	GENERAL DRAWING OF TRUCK NO.	
	END LOAD RATIO .0541	JOURNAL 6" X 11" SEE NOTE-2	
	FLOORING 1/4" C.B.S.	SIDE BEARING 13-18 FRICTION TYPE, 19-30 STUCKI	
	GENERAL DRAWING OF CAR - NO. 13-18 WLE 5652	SIDE FRAME CAST STEEL - SEE NOTE-1	
	HAND BRAKE 13-18 AJAX, 19-30 UNIVERSAL	SPRING 13-18 - AAR 1915 - 5 DBL. COILS AND 1 CARDWELL TYPE "A" SNUBBER PER NEST.	
	LINING END -	CARS 19-30 - AAR 1930 - 5 DBL. COILS PER NEST.	
	LINING SIDE -	WHEELS - 33" DIA. MULTIPLE WEAR WROT STEEL	
	ROOF 11 GA. C.B. STEEL		
CAR BODY DATA		REVISIONS	
AIR BRAKE MFG. 13-18 NYAB, 19-30 WABCO		DR	TR
AIR BRAKE SCHEDULE "AB" 10" X 12"		CH	GROUP NO.
BODY BOLSTER BUILT UP STEEL		S.S.	17
BODY CENTER PLATE DROP FORGED			SHEET
BODY SIDE BEARING HARDENED AXLE STEEL			2
CARLINES 3" X 3" X 1/4" ANGLE			

WLE 7012-7029		13-30	
CLASS		CARS	
70 TON DRY BULK			
<b>N K P</b>			
MECHANICAL DEPARTMENT			
CLEVELAND, OHIO		JAN 5, 1951	
REVISIONS			
DR	TR	CH	GROUP NO.
E <sub>FC</sub>	E <sub>FC</sub>	S.S.	17
			SHEET
			2

**APEX TRI-LOK METAL RUNNING BOARDS & BRAKE STEP**



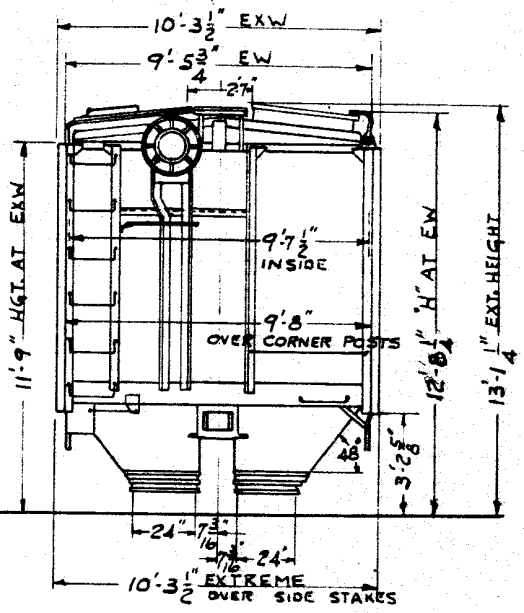
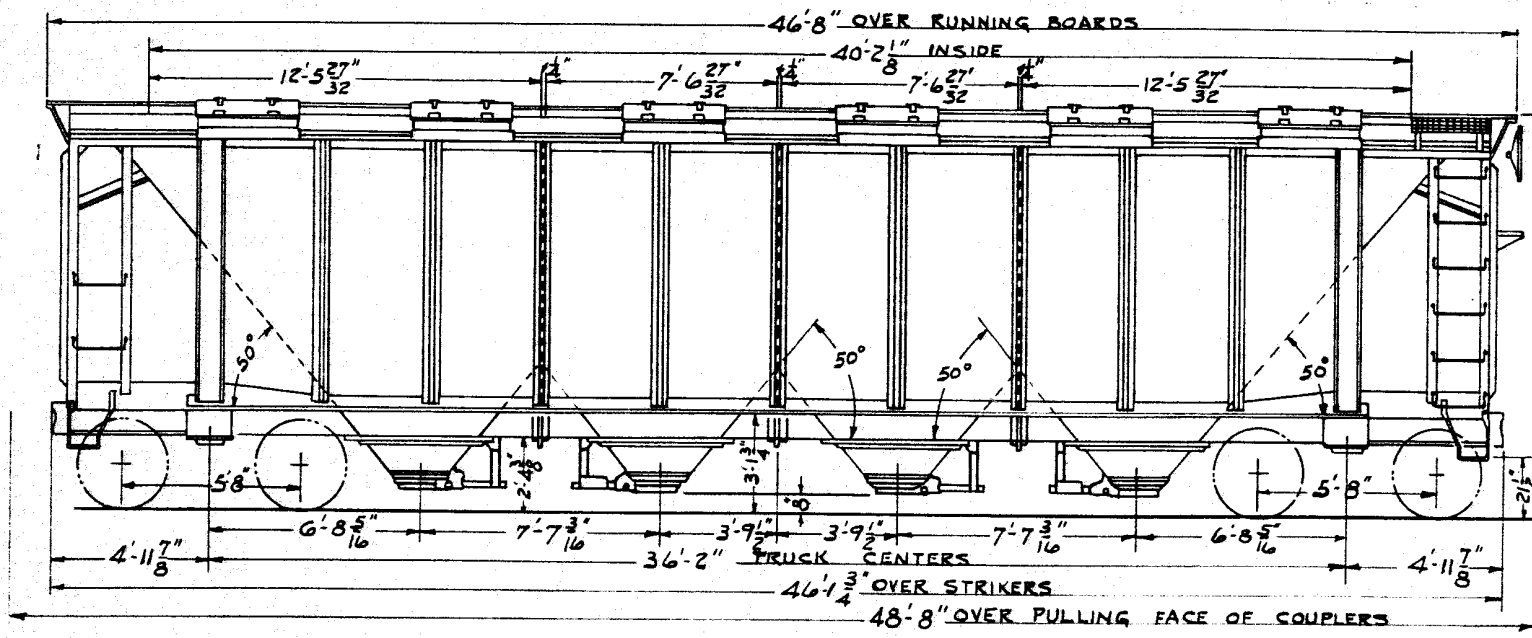
NOTE-2  
THESE CARS EQUIPPED WITH  
VIBRATOR CASTINGS.

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

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

<b>GENERAL DATA</b> BUILT BY - HARLAN & HOLLGSRWTH, WILMGTN. DEL. YEAR BUILT - SEPT. 1946 TO JAN. 1947 CAPACITY LEVEL FULL - CU. FT. - 3050 CAPACITY WITH 10 IN. HEAP CU. FT. AVERAGE LOAD LIMIT - LBS. - 154500 AVERAGE LIGHT WEIGHT - LBS. - 65500 BUILDERS REFERENCE - C-51 R. R. SPEC. NO. - 4 CHBC		<b>CAR BODY DATA</b> AIR BRAKE MFG. - WAB CO. AIR BRAKE SCHEDULE - "AB" BODY BOLSTER - BUILT UP STEEL BODY CENTER PLATE - DROP FORGED BODY SIDE BEARING - DROP FORGED CARLINES - 3 X 3 X 1/4" 85° ANGLES		<b>CENTER SILL - 2 ARR 2 26 SEC. @ 41.2 LBS</b> CENTER SILL AREA - 24.74 SQ. IN. CENTER SILL COVER PLATE COUPLER - AAR TYPE "E" 6 1/4" X 8" BOTT. OPER. TG. COUPLER RELEASE RIGGING - STARY. SPT. BOTT. OPER. TG. DOOR - ENTERPRISE DOOR FIXTURES - ENTERPRISE DOOR CLEAR OPENING - HATCH 36" X 36", HOPPER 13" X 24" DRAFT GEAR - WAUGH 403 DRAFT GEAR ATTACHMENT - Q. S. YOKE ENDS END LOAD RATIO - .0461 FLOORING - 1/4" Q&S STEEL GENERAL DRAWING OF CAR - NO. 139-11-477 HAND BRAKE - AJAX LINING END LINING SIDE ROOF - 1/8" Q&S STEEL		<b>TRUCK DATA</b> BOLSTER - CAST STEEL FOR NATIONAL B-1 BRAKE BEAM - AAR NO. 3 BRAKE BEAM SAFETY - CAST INTEGRAL TO S. FRAME CENTER PLATE - CAST INTEGRAL GENERAL DRAWING OF TRUCK NO. JOURNAL - 6" X 11" SIDE BEARING - STUCKI ROLLER NO. 656-C SIDE FRAME - CAST STEEL FOR NAT. B-1 SPRING - SEE NOTE - 1 WHEELS - AAR 33" DIA. MULTIPLE WEAR WEIGHT OF ONE TRUCK - 9160 CTR. PLT. HGT. - 2'-13/4"		<b>MISCELLANEOUS</b> NOTE - 1 SPRINGS TRIPLE COIL 2 1/2" TRAVEL FOR NATIONAL B-1 TRUCKS, 3- OUTER, 5-INNER, & 5-INNER PER NEST.		<b>90000-90049</b> CLASS CARS <b>70 TON DRY BULK</b> <b>N.K.P.</b> ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO DEC. 28, 1946 REVISIONS DR. TR. CH. GROUP No. SHEET No. GB GB OK 17 3	
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HATCH OPENING 36" X 36"  
 HOPPER DOOR OPENING 13" X 24"

GENERAL DATA	
BUILT BY - GREENVILLE S.C.CO. GREENVILLE, PA.	
YEAR BUILT - 1951	
CAPACITY LEVEL FULL - CU. FT. - 3050	
CAPACITY WITH 10 IN. HEAP CU. FT.	
AVERAGE LOAD LIMIT - LBS. - 159200	
AVERAGE LIGHT WEIGHT - LBS. - 60800	
BUILDERS REFERENCE - LOT - 00566	
R. R. SPEC. NO. - 2-70-CH	
CAR BODY DATA	
AIR BRAKE MFG. - W.A.B. 80.	
AIR BRAKE SCHEDULE - "A" B - 10" X 12"	
BODY BOLSTER - 24" I BEAM @ 799# PER FT.	
BODY CENTER PLATE - DROP FORGED	
BODY SIDE BEARING - DROP FORGED	
CARLINES - 1/4" SEAM CAPS & 3" X 3" X 1/4 ANGLES	

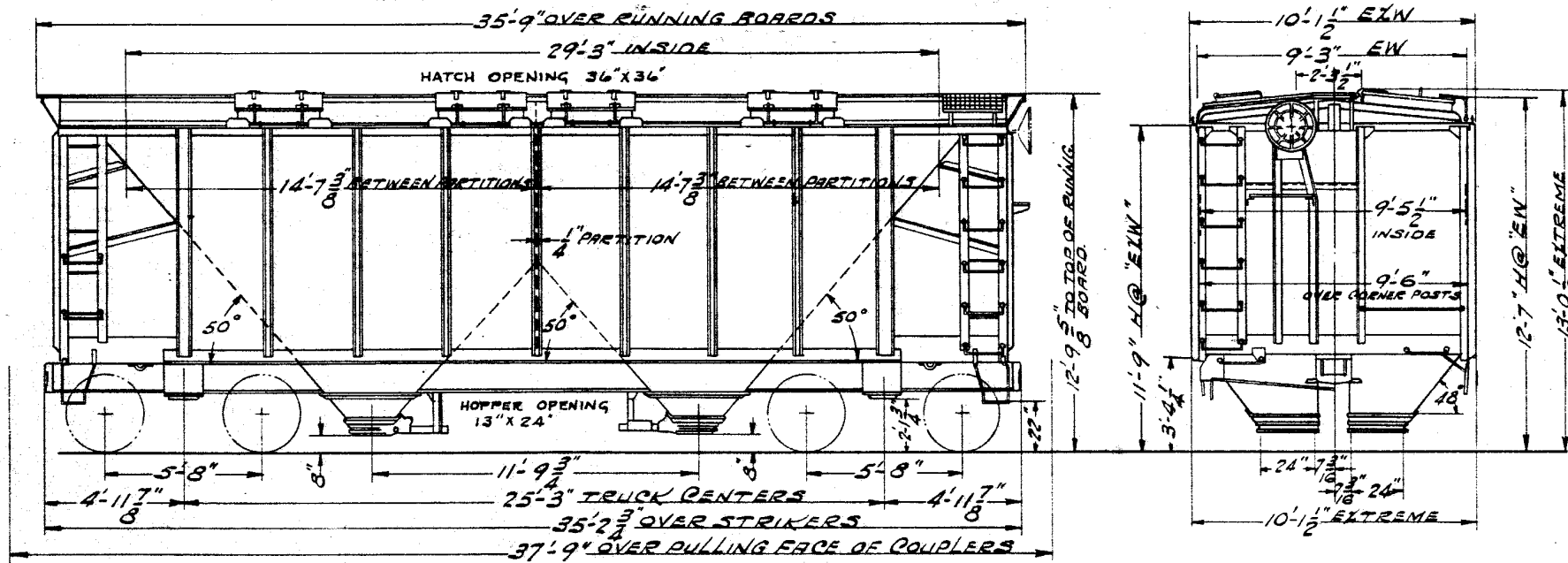
CENTER SILL - 2 A.A.R. Z 26 SEC. @ 41.2# PER FT.
CENTER SILL AREA - 24.24 SQ. IN.
CENTER SILL COVER PLATE
COUPLER - A.A.R. TYPE "E" 6 1/4 X 8" BOTT. OPERT'G.
COUPLER RELEASE RIGGING - STD. RY. EQPT. BOTT. OPERT'G.
DOOR - ENTERPRISE
DOOR FIXTURES - ENTERPRISE
DOOR CLEAR OPENING - HATCH 36 X 36, HOPPER 13 X 24
DRAFT GEAR - WAUGH - 420
DRAFT GEAR ATTACHMENT - C.S. YOKE
ENDS -
END LOAD RATIO - .0461
FLOORING - 1/4" STEEL
GENERAL DRAWING OF CAR - NO. 139-11-630
HAND BRAKE - ATAX
LINING END -
LINING SIDE -
ROOF - 3 GA. - CB. STEEL GALVANIZED - MURPHY

SIDE BEARING CENTERS - 4'-2"	
SHEATHING - 3/16" STEEL	
SUPERSTRUCTURE - STEEL	
UNDERFRAME - STEEL	
TRUCK DATA	
BOLSTER - CAST STEEL - FOR A-3 RIDE CONTROL	
BRAKE BEAM - A.A.R. NO. 18	
BRAKE BEAM SAFETY - DREXEL	
CENTER PLATE - CAST INTEGRAL	
GENERAL DRAWING OF TRUCK NO.	
JOURNAL - 6" X 11"	
SIDE BEARING - STUCKI ROLLER NO. 656-C	
SIDE FRAME - CAST STEEL - FOR A-3 RIDE CONTROL	
SPRING - SEE NOTE - 1	
WHEELS - A.A.R. 33" DIA. ONE WEAR WROT STEEL CLASS 1	
WEIGHT OF ONE TRUCK - 8320 #	

MISCELLANEOUS	
NOTE - 1	SPRINGS
	- 7 OUTER COILS, 1 INNER COIL 2 1/2 TRAVEL
	A.A.R. 1947 SPRING AND 2 DOUBLE
	COIL RIDE CONTROL SPRINGS PER
	NEST.
NOTE - 2	CARS ARE EQUIPPED WITH APEX
	TRI LOK RUNNING BOARDS AND BRAKE
	STEPS.
NOTE - 3	CARS ARE EQUIPPED WITH UNIVERSAL
	ROTARY SLACK ADJUSTER.

CLASS		90050-90099	
70-TON DRY BULK		CARS	
<b>N.K.P.</b>			
ADVISORY MECHANICAL COMMITTEE.			
CLEVELAND, OHIO			
REVISIONS			
3-207-24			
53	56		
DR	TR	CH	GROUP NO.
E <sub>Fc</sub>	E <sub>Fc</sub>	S.S.	17
			SHEET NO.
			4

**APEX TRI-LOK METAL RUNNING BOARDS AND BRAKE STEPS**

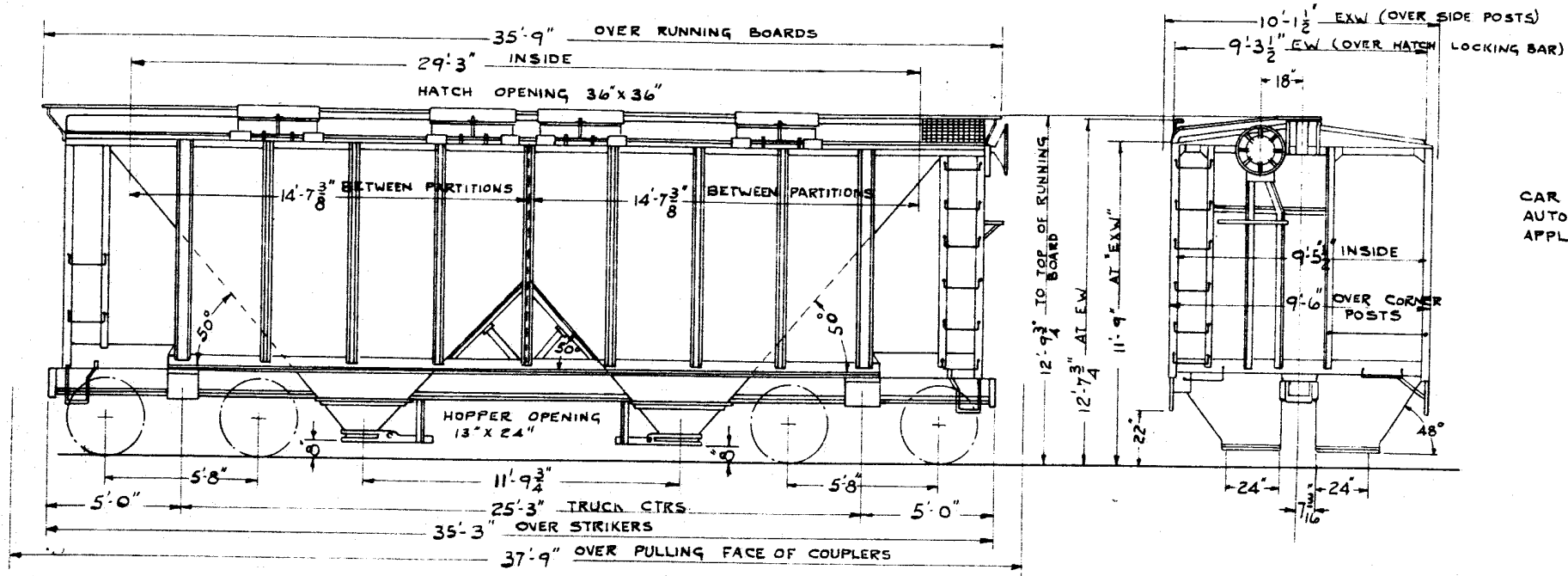


NOTE: 2 THESE CARS EQUIPPED WITH VIBRATOR CASTINGS.

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

<b>GENERAL DATA</b> BUILT BY - HARLAN & HOLLINGSWORTH, WILMINGTON, DEL. YEAR BUILT - JAN. TO MAR. 1947 CAPACITY LEVEL FULL - CU. FT. - 1933 CAPACITY WITH 10 IN. HEAP CU. FT. AVERAGE LOAD LIMIT - LBS. - 166500 AVERAGE LIGHT WEIGHT - LBS. - 43500 BUILDERS REFERENCE - C-50 R. R. SPKC. NO. - 3 CNBC		<b>CENTER SILL - 2 ARE 2-26 SEC. @ 41.2 LB PER FT.</b> CENTER SILL AREA - 24.24 SQ. IN. CENTER SILL COVER PLATE COUPLER - RAR TYPE "E" 6 1/4" X 8" BOTH OPERTG. COUPLER RELEASE RIGGING - STD. RY. EQPT. BOTH OPERTG. DOOR - ENTERPRISE DOOR FIXTURES - ENTERPRISE DOOR CLEAR OPENING - HATCH 36" X 36", HOPPER 13" X 24" DRAFT GEAR - WAUGH 403 DRAFT GEAR ATTACHMENT - G.S. YOKE ENDS END LOAD RATIO - .0461 FLOORING - 1/4" G.S. STEEL GENERAL DRAWING OF CAR - NO. HAND BRAKE - A.J.A.L. LINING END LINING SIDE ROOF - 1/8" G.S. STEEL		<b>MISCELLANEOUS</b> NOTE: - 1 SPRINGS TRIPLE COIL 2 1/2" TRAVEL FOR NATIONAL B-1 TRUCKS, 5-OUTER, 5-INNER AND 5 INNER PER NEST.		91000 - 91049
<b>CAR BODY DATA</b> AIR BRAKE MFG. - W.A.B. Co. AIR BRAKE SCHEDULE - "AB" 10X12" BODY BOLSTER - BUILT UP STEEL BODY CENTER PLATE - DROP FORGED BODY SIDE BEARING - DROP FORGED CARLINES - 3" X 3" X 1/4" ANGLES		<b>TRUCK DATA</b> BOLSTER - G. STEEL FOR NATIONAL B-1 BRAKE BEAM - RAR NO. 3 BRAKE BEAM SAFETY - CAST INTEGRAL TO S. FRAME CENTER PLATE - CAST INTEGRAL GENERAL DRAWING OF TRUCK NO. JOURNAL - 6" X 11" SIDE BEARING - STUCKI ROLLER NO. 656-0 SIDE FRAME - G. STEEL FOR NATIONAL B-1 SPRING - SEE NOTE: - 1 WHEELS RAR 33" DIA. MULTIPLE WEAR WEIGHT OF ONE TRUCK - 9220 LBS. GTR. PLT. HGT. 2'-13/16"		CLASS CARS <b>70 TON DRY BULK</b> <b>N.K.P.</b> ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO 3-12-47	REVISIONS DR TR CH GROUP No. SHEET No. JGB JGB OJO 17 5	





CAR 91165 HAS AJAX-CONSOLIDATED AUTOMATIC BRAKE SLACK ADJUSTER APPLIED AT CONNEAUT 3-3-53 FOR TEST.

EQUIPPED WITH UNIVERSAL ROTARY SLACK ADJUSTORS

**GENERAL DATA**  
 BUILT BY - AMER CAR & FDY. - BERWICK, PA.  
 YEAR BUILT - 1951  
 CAPACITY LEVEL FULL - CU. FT. - 1958  
 CAPACITY WITH 10 IN. HEAP CU. FT. -  
 AVERAGE LOAD LIMIT - LBS. - 169,600  
 AVERAGE LIGHT WEIGHT - LBS. - 50,400  
 BUILDERS REFERENCE - LOT 3596  
 R. R. SPEC. NO. - 1-70-CH

**CAR BODY DATA**  
 AIR BRAKE MFG. - N.Y. AIR BRAKE CO.  
 AIR BRAKE SCHEDULE - "AB"  
 BODY BOLSTER - BUILT UP STEEL  
 BODY CENTER PLATE - DROP FORGED  
 BODY SIDE BEARING - HARDENED CARBON STEEL  
 CARLINES - 3"x3"x 1/4" ANGLES & 3"x2 1/2"x 1/4" ANGLES

CENTER SILL - 2 A.A.R. "2"x26 SEC @ 41.2" PER FT.  
 CENTER SILL AREA - 24.24 SQ. IN.  
 CENTER SILL COVER PLATE -  
 COUPLER - A.A.R. TYPE 16 1/4"x8" BOTT. OPERTG.  
 COUPLER RELEASE RIGGING - STD. RY. EQUIPT. CO. BOTT. OPERTG.  
 DOOR - ENTERPRISE  
 DOOR FIXTURES - ENTERPRISE  
 DOOR CLEAR OPENING HATCH 36"x36" HOPPER 13"x24"  
 DRAFT GEAR - SEE NOTE-1  
 DRAFT GEAR ATTACHMENT - CAST STEEL YOKE  
 ENDS -  
 END LOAD RATIO - .0461  
 FLOORING - 1/4" STEEL  
 GENERAL DRAWING OF CAR - NO. 139-11-533  
 HAND BRAKE - AJAX  
 LINING END -  
 LINING SIDE -  
 ROOF - CAR BUILDERS - 11 GA. C.B. STEEL

SIDE BEARING CENTERS 4'-2"  
 SHEATHING 7 GA. O.H. STEEL  
 SUPERSTRUCTURE STEEL  
 UNDERFRAME STEEL

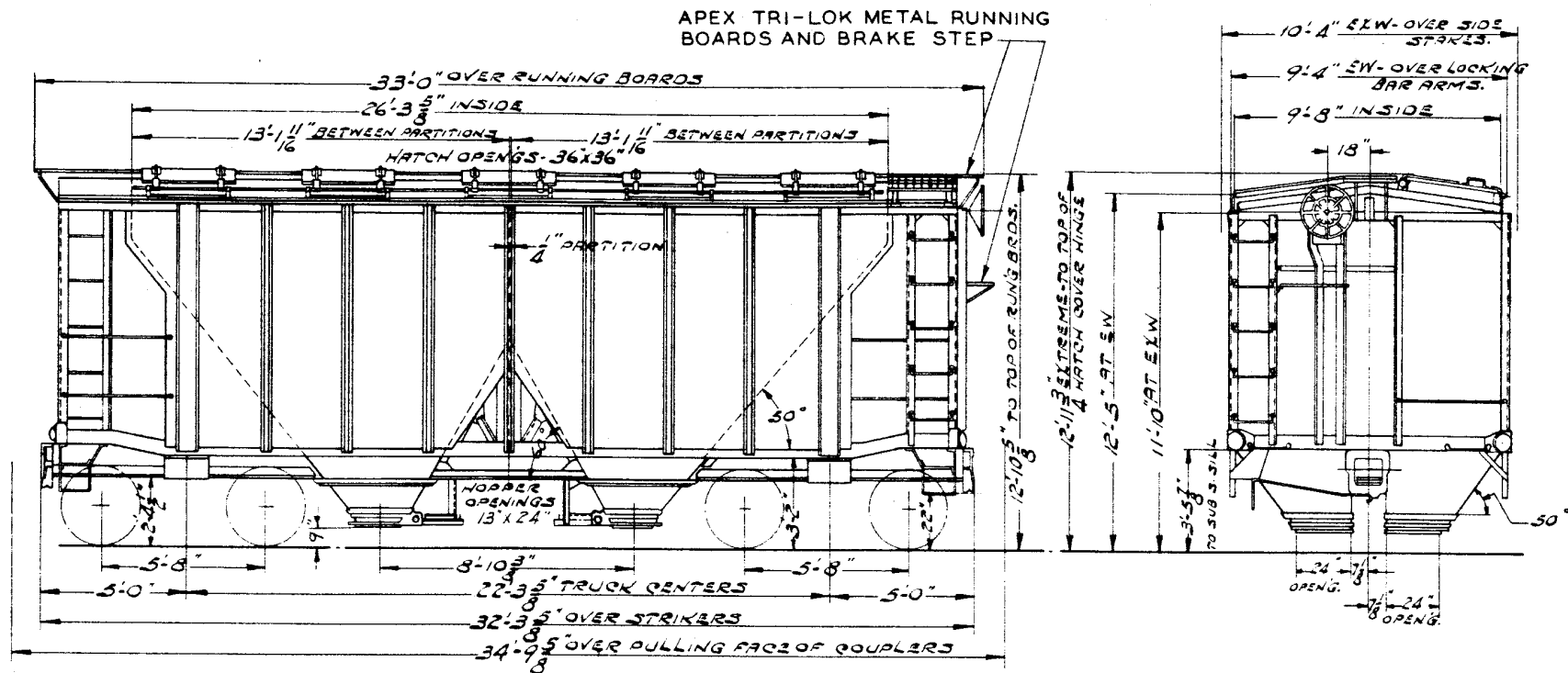
**TRUCK DATA**  
 BOLSTER - CAST STEEL - A-3 RIDE CONTROL  
 BRAKE BEAM - A.A.R. NO. 18  
 BRAKE BEAM SAFETY - GRIPCO  
 CENTER PLATE - CAST INTEGRAL  
 GENERAL DRAWING OF TRUCK NO.  
 JOURNAL - 6"x11"  
 SIDE BEARING - STUCKI NO. 656-C  
 SIDE FRAME - CAST STEEL - A-3 RIDE CONTROL  
 SPRING - SEE NOTE-2  
 WHEELS - A.A.R. 33" DIA. ONE WEAR WROT ST.  
 WEIGHT OF ONE TRUCK - 8320#  
 CTR. FLT. HT. - 2'-1 3/4"

**MISCELLANEOUS**  
 NOTE-1:  
 N.M. & ST. C. CO. M-17-A - CARS 91112-91186  
 CARDWELL WEST NY-11-F - CARS 91187-91261

NOTE-2:  
 7 OUTER COILS & 1 INNER COIL, 1947  
 A.A.R. SPRINGS AT 2 1/2" TRAVEL, AND  
 2 DOUBLE COIL RIDE CONTROL SPRINGS  
 PER NEST.

NOTE-3:  
 APEX TRI-LOK RUNNING BOARD &  
 BRAKE STEP.

		<b>91112-91261</b>	
CLASS		CARS	
<b>70 TON DRY BULK</b>			
<b>N. K. P.</b>			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO			
REVISIONS			
5-30			
53			
DR	TR	CH	GROUP NO.
F <sub>c</sub>	E <sub>c</sub>	S.S.	17
			SHEET NO.
			7



**GENERAL DATA**  
 BUILT BY - **A.C. & F. CO. BERWICK, PA**  
 YEAR BUILT - **AUG. 1941**  
 CAPACITY LEVEL - FULL - CU. FT. - **1790**  
 CAPACITY WITH 10 IN. HEAP - CU. FT. - **1790**  
 AVERAGE LOAD LIMIT - LBS. - **166,500**  
 AVERAGE LIGHT WEIGHT - LBS. - **53,500**  
 BUILDERS REFERENCE - **LOT 2297**  
 R. P. SPEC. NO.

**CAR BODY DATA**  
 AIR BRAKE MFG. - **W.A.B. CO.**  
 AIR BRAKE SCHEDULE - **"AB" 10" X 12"**  
 BODY BOLSTER - **BUILT UP STEEL**  
 BODY CENTER PLATE - **DROP FORGED**  
 BODY SIDE BEARING - **HARDENED STEEL**  
 CARLINES - **3" X 3" X 1/4" ANGLES**

**CENTER SECTION - 2 - 13" 35 LB. CHANNELS**  
 CENTER SHEET AREA - **25.29 SQ. IN.**  
 CENTER SHEET COVER PLATE - **3/8" X 12 7/8"**  
 COUPLER - **AA TYPE "E" SWIVEL SHANK**  
 COUPLER RELEASE MOUNTING - **STD. RY. EQUIP. CO. BOT. OPER. TO.**  
 DOOR - **ENTERPRISE**  
 DOOR FIXTURES - **ENTERPRISE**  
 DOOR CLEAR OPENING - **SEE DIAGRAM**  
 DRAFT GEAR - **MINER A-22-18**  
 DRAFT GEAR ATTACHMENT - **C.S. YOKE**  
 ENDS  
 END LOAD RATIO - **0.599**  
 FLOORING - **1/4" C.B. STEEL**  
 GENERAL DRAWING OF CAR - NO. **139-11-389**  
 HAND BRAKE - **AJAX**  
 LINING END  
 LINING SIDE  
 ROOF - **1/8" C.B. STEEL**

**SIDE BEARING CENTERS - 4'-2"**  
 SHEATHING - **3/16" C.B. STEEL**  
 SUPERSTRUCTURE - **STEEL**  
 UNDERFRAME - **STEEL**

**TRUCK DATA**  
 BOLSTER - **C.S. DOUBLE TRUSS**  
 BRAKE BEAM - **AA NO. 3**  
 BRAKE BEAM SAFETY - **CRECO-4-POINT**  
 CENTER PLATE - **CAST INTEGRAL**  
 GENERAL DRAWING OF TRUCK NO.  
 JOURNAL - **6" X 11"**  
 SIDE BEARING - **STUCKI-ROLLER TYPE**  
 SIDE FRAME - **C.S. DOUBLE TRUSS INTEGRAL BOX**  
 SPRING - **SEE NOTE - 1**  
 WHEELS - **AA 33 DIA. S.I. SINGLE P.L.T. 850 #**  
 WEIGHT OF ONE TRUCK  
 CTR. P.L.T. HGT. - **2'-13 1/4"**

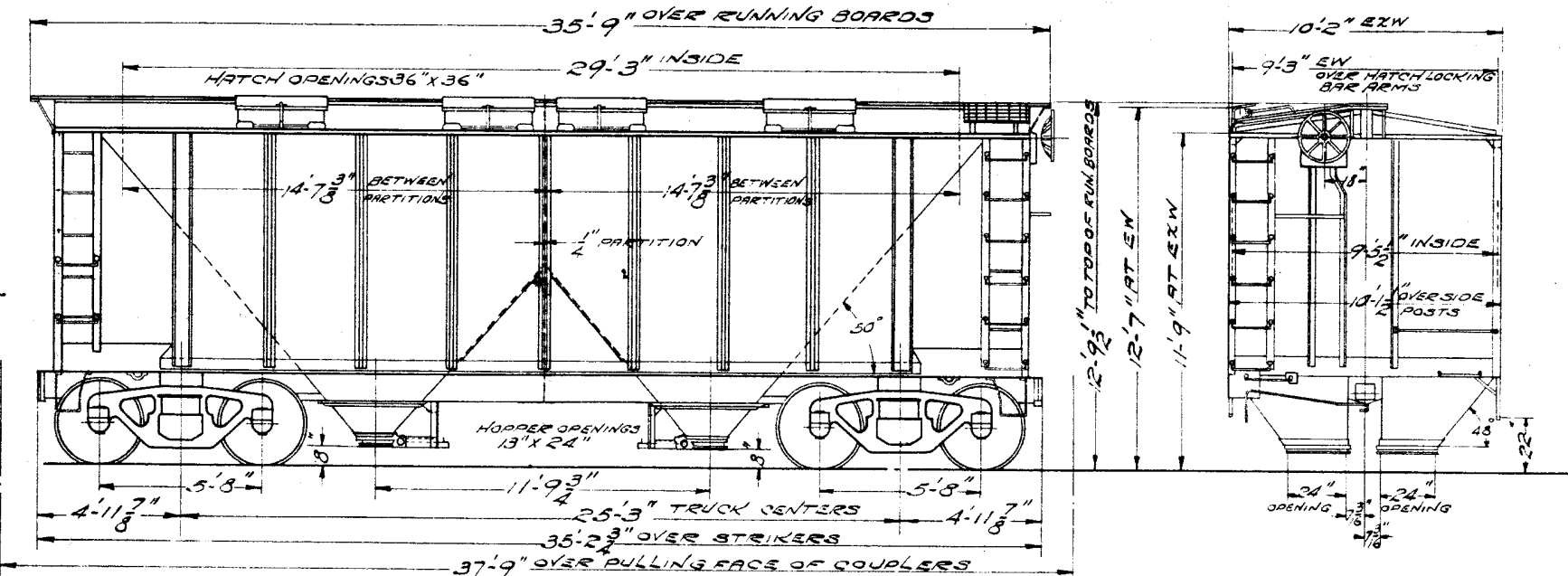
**MISCELLANEOUS**  
 NOTE - 1. **SYMINGTON COIL ELLIP SPRINGS**  
 4 OUTER 4 INNER COILS AND  
 1 FULL ELLIPTIC PER NEST.

CLASS		99500-99509	
70 TON DRY BULK		CARS	
<b>N.K.P.</b>			
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO			
REVISIONS			
DR	TR	CH	GROUP NO.
63	68	21	17
			SHEET NO.
			8



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

HAND BRAKE	CARS
AJAX	99725-99749
AJAX	99750-99774
CHAMPION	99775-99799

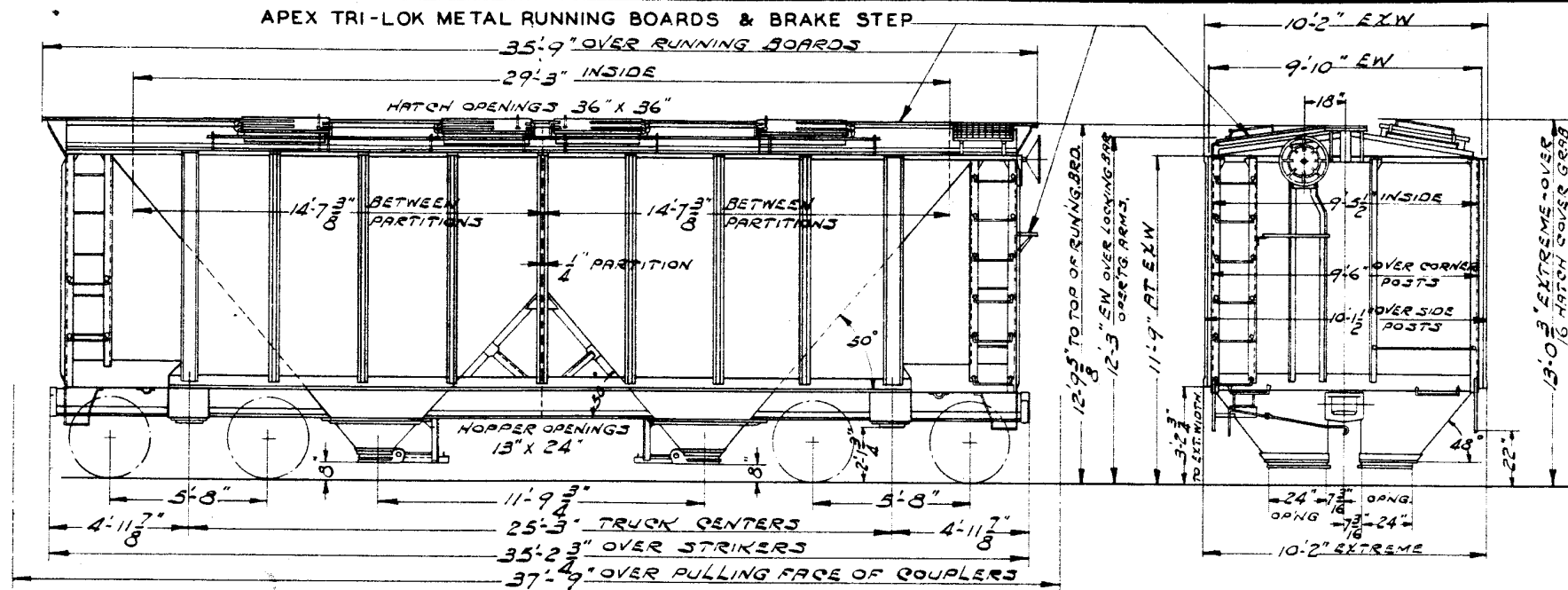


99750-99799	MAY 1940	168700*	51300*	LOT-2033	FRICITION TYPE MINER A-22-LB	GRIP NUT CO.	3670*
99725-99749	SEPT. & OCT. 1939	168200*	51800*	LOT-1919	FRICITION TYPE NAT. M. 17-A	ORSCO 4 POINT	3610*
CARS	YEAR BUILT	AVERAGE LO. LMT.	AVERAGE LGT. WGT.	BUILDERS REFERENCE	DRAFT GEAR	BRAKE BEAM SAFETY	TRUCK WEIGHT

GENERAL DATA		TRUCK DATA		MISCELLANEOUS	
BUILT BY - RC & F. Co. BSEWICK PA.	CENTER SILL - 2-1/2" 36" CHANNELS	SIDE BEARING CENTERS - 4'-2"	NOTE - 1, 4 R.R. 1913 COIL 3-OUTER, 5-INNER & 1-F.R. 3 STABILIZER PER NEST.		
YEAR BUILT - SEE TABLE	CENTER SILL AREA - 25.29 SQ. IN.	SHEATHING - 3/16" C.B. STEEL	NOTE - 2, CAST STEEL DOUBLE TRUSS INTEGRAL BOX TYPE.		
CAPACITY LEVEL FULL CU. FT. - 1953	CENTER SILL COVER PLATE - 3/8" X 12 7/8"	SUPERSTRUCTURE - STEEL			
CAPACITY WITH 10 IN. HEAP CU. FT. -	COUPLER - A.R.R. 6 1/2 X 8 TYPE E BOT. OPER'G.	UNDERFRAME - STEEL			
AVERAGE LOAD LIMIT LBS. - SEE TABLE	COUPLER RELEASE RIGGING - ST. RY. EQUIP. CO. PAT. OPER'G.	TRUCK DATA			
AVERAGE LIGHT WEIGHT LBS. - SEE TABLE	DOOR - HOPPER - ENTERPRISE	BOLSTER - C.S. DOUBLE TRUSS			
BUILDERS REFERENCE - SEE TABLE	DOOR FIXTURES HOPPER - ENTERPRISE	BRAKE BEAM - A.R.R. NO. 3			
R. R. SPEC. NO. - 3-CHBC	DOOR CLEAR OPENING - 36" X 36" HOPPER 13" X 24"	BR E BEAM SAFETY - SEE TABLE			
	DRAFT GEAR - SEE TABLE	CENTER PLATE - CAST INTEGRAL			
	DRAFT GEAR ATTACHMENT - CAST STEEL YOKE	GENERAL DRAWING OF TRUCK NO. 184-4-35			
	ENDS -	JOURNAL - 6" X 11"			
	END LOAD RATIO - 0.541	SIDE BEARING - STUCKI ROLLER TYPE			
	FLOORING - 1/4" C.B. STEEL	SIDE FRAME - SEE NOTE - 2			
	GENERAL DRAWING OF CAR NO. 139-11-320	SPRING - SEE NOTE - 1			
	HAND BRAKE - SEE TABLE	WHEELS - 33" DIA. W. STEEL TWO WEAR			
	LINING END -	WEIGHT OF ONE TRUCK - SEE TABLE			
	LINING SIDE -	CENTER PLATE HEIGHT - 2-13/16"			
	ROOF - 1/8" C.B. STEEL				

99750-99799	
99725-99749	
CLASS	CARS
70 TON DRY BULK	
<b>N.K.P.</b>	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO OCTOBER 11, 1939	
REVISIONS	
10-27-41	
DR	TR
JGB	JGB
CH	GROUP NO.
17	SHEET NO.
	10





NOTE -2:  
ROOF HATCHES OPEN  
LENGTHWISE OF CAR

GENERAL DATA		MISCELLANEOUS	
BUILT BY - AC & F. B. MADISON ILL.	CENTER SILL - 2-12" 35 LB PER FT. CHANN.	SIDE BEARING CENTERS - 4'-0"	SHEATHING - 3/16" CB STEEL
YEAR BUILT - AUG. 1941	CENTER SILL AREA - 25.29 SQ. IN.	SUPERSTRUCTURE - STEEL	UNDERFRAME - STEEL
CAPACITY LEVEL FULL - CU. FT. - 1958	CENTER SILL COVER PLATE - 3/8" X 12 7/8"	NOTE: - 1 - SPRINGS - BAR COIL 1915 DESIGN SOUTER, 5 - INNER & 1 - CARD - WESTGHSSE, TYPE "A" SNUBBER PER NEST.	
CAPACITY WITH 10 IN. HEAP CU. F.	COUPLER - RAR 6 1/4 X 8 TYPE "E" BOTH OPERTG.	TRUCK DATA	
AVERAGE LOAD LIMIT - LBS. 166700	COUPLER RELEASE RIGGING - STG. RY. EQPT. CO. BOTT. OPERTG.	BOLSTER - C.S. DOUBLE TRUSS.	BRAKE BEAM - RAR NO. 3
AVERAGE LIGHT WEIGHT - LBS. 53300	DOOR - HOPPER - ENTERPRISE	DRAFT GEAR - CARD - WESTGHSSE NY-11-E	CENTER PLATE - CAST INTEGRAL
BUILDERS REFERENCE - LOT 2298	DOOR FIXTURES - HOPPER - ENTERPRISE	GENERAL DRAWING OF TRUCK NO.	JOURNAL - 6" X 11"
R. R. SPEC. NO. - 3-CHBC	DOOR CLEAR OPENING - HATCH 36 X 36 HOPPER 13' X 24"	ENDS	END LOAD RATIO - .9541
CAR BODY DATA	DRAFT GEAR ATTACHMENT - C S YOKE	FLOORING - 1/4" CB STEEL	GENERAL DRAWING OF CAR - NO.
AIR BRAKE MFG. - WAB Co.	ENDS	GENERAL DRAWING OF CAR - NO.	MAN. BRAKE - AJAX
AIR BRAKE SCHEDULE - AB 10' X 12"	FLOORING - 1/4" CB STEEL	LINING END	LINING SIDE
BODY BOLSTER - BUILT UP STEEL	GENERAL DRAWING OF CAR - NO.	LINING END	LINING SIDE
BODY CENTER PLATE - DROP FORGED	MAN. BRAKE - AJAX	ROOF - 1/8" CB STEEL	
BODY SIDE BEARING - HARDENED STEEL	LINING END		
CARLINES - 3" X 3" X 1/4" ANGLES	LINING SIDE		
	ROOF - 1/8" CB STEEL		

99800-99807

CLASS CARS

70 TON DRY BULK

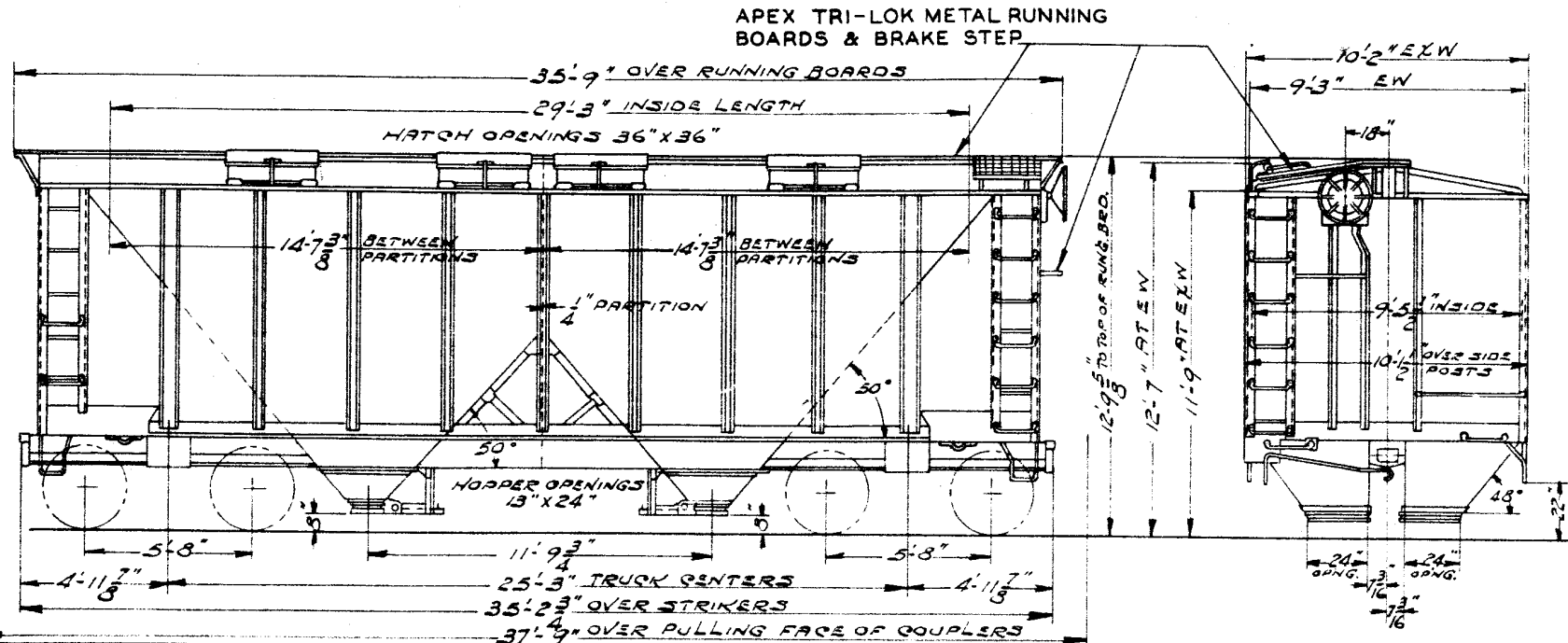
**N.K.P.**

ADVISORY MECHANICAL COMMITTEE  
CLEVELAND, OHIO JAN. 12, 1942

REVISIONS

DR	TR	CH	GROUP No.	SHEET No.
1-11-42			17	11
JG	JG	JK		





99858-99907	MARCH 1943	168300	51200	LOT 2495	MADISON ILL.
99858-99907	MARCH 1943	108500	51500	LOT 2377	BERWICK PA.
CARS	YEAR BUILT	AVE. LD. LMT.	AVE. LGT. WGT.	BUILDERS REF.	BUILT AT

99908-99932	AUG. 1944	157500	52500	LOT 2670	MADISON, ILL.
CARS	YEAR BUILT	AVE. LD. LMT.	AVE. LGT. WGT.	BUILDERS REF.	BUILT AT

**GENERAL DATA**  
 BUILT BY - **AO&F Co.** SEE TABLE  
 YEAR BUILT - **SEE TABLE**  
 CAPACITY LEVEL FULL - **10 FT. - 1958**  
 CAPACITY WITH 10 IN. HEAP CU. FT.  
 AVERAGE LOAD LIMIT - **LBS. SEE TABLE**  
 AVERAGE LIGHT WEIGHT - **LBS. SEE TABLE**  
 BUILDERS REFERENCE - **SEE TABLE**  
 R. R. SPEC. NO. - **5 CARC**

CENTER SILL - **2-12" 35# CHANNELS**  
 CENTER SILL AREA - **25.22 SQ. IN.**  
 CENTER SILL COVER PLATE - **3/8" X 12 7/8"**  
 COUPLER - **ARR 6 1/4" X 8" TYPE E BOT. OPER. TG.**  
 COUPLER RELEASE RIGGING - **STD. RY. COUPLER BOT. OPER. TG.**  
 DOOR - **ENTERPRISE**  
 DOOR FIXTURES - **ENTERPRISE**  
 DOOR CLEAR OPENING - **MATCH 36" X 36" HOOP 13" X 24"**  
 DRAFT GEAR - **QARD-WESTGHISE NY-11-E**  
 DRAFT GEAR ATTACHMENT - **C.S. YOKE**

SIDE BEARING CENTERS - **4'-2"**  
 SHEATHING - **3/16" CB STEEL**  
 SUPERSTRUCTURE - **STEEL**  
 UNDERFRAM - **STEEL**

**TRUCK DATA**  
 BOLSTER - **C.S. DOUBLE TRUSS**  
 BRAKE BEAM - **ARR NO. 3**  
 BRAKE BEAM SAFETY - **ORECO-3-POINT**  
 CENTER PLATE - **CAST INTEGRAL**

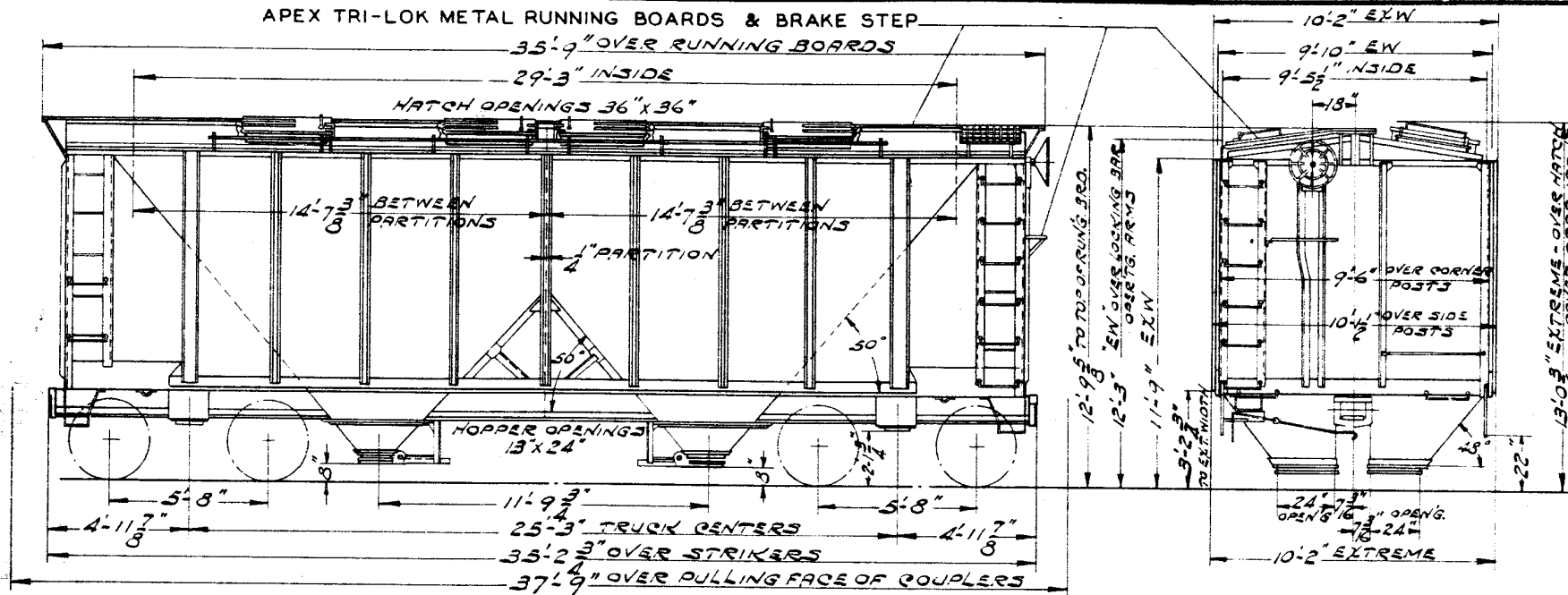
**MISCELLANEOUS**  
 NOTE: 1 - **SPRINGS -**  
**ARR COIL 1915 DESIGN, 5-OUTER,**  
**5-INNER & 1-QARD-WESTGHISE TYPE**  
**19" SNUBBER PER NEST.**

**CAR BODY DATA**  
 AIR BRAKE MFG - **N.Y. A. B. Co.**  
 AIR BRAKE SCHEDULE - **"AB" 10" X 12"**  
 BODY BOLSTER - **BUILT UP STEEL**  
 BODY CENTER PLATE - **DROP FORGED**  
 BODY SIDE BEARING - **HARDENED STEEL**  
 CAR LINES - **3" X 3" X 1/4" ANGLES**

ENDS  
 END LOAD RATIO - **.0541**  
 FLOORING - **1/4" CB STEEL**  
 GENERAL DRAWING OF CAR NO. **139-11-536**  
 HAND BRAKE - **A-JAX**  
 LINING END  
 LINING SIDE  
 ROOF - **1/8" CB STEEL**

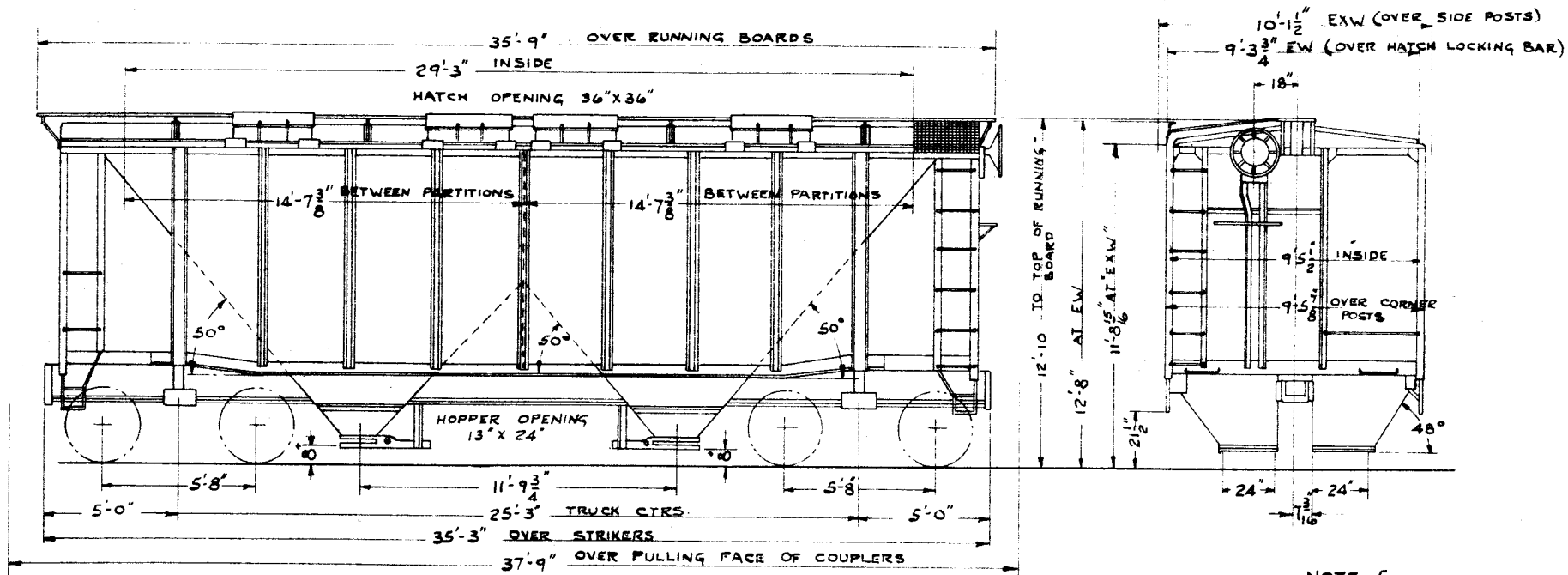
GENERAL DRAWING OF TRUCK NO.  
 JOURNAL - **6" X 11"**  
 SIDE BEARING - **STUCKI - ROLLER TYPE**  
 SIDE FRAME - **C.S. DOUBLE TRUSS INTEGRAL BOX**  
 SPRING - **SEE NOTE - 1**  
 WHEELS - **ARR 33 DIA. TWO WEAR WROT STEEL**  
 WEIGHT OF ONE TRUCK - **9000 #**  
 QTR. PLT. HGT. **2-13/4"**

	99908-99932
	99858-99907
	99808-99832
CLASS	CARS
<b>70 TON DRY BULK</b>	
<b>N.K.P.</b>	
ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO 2-6-42	
REVISIONS	
10-95-281-101	
43 46 27	
TR	CH
GROUP No.	SHEET No.
17	12



NOTE -2:  
ROOF HATCHES OPEN  
LENGTHWISE OF CAR

GENERAL DATA		TRUCK DATA		MISCELLANEOUS																									
BUILT BY - <b>AC &amp; F Co. MADISON, ILL.</b>	CENTER SILL - <b>2-12" 35 LB. PER FT. CHANNELS</b>	SIDE BEARING CENTERS - <b>4'-2"</b>	SHEATHING - <b>3/16" Q.S. STEEL</b>	NOTE:-1 -SPRINGS-																									
YEAR BUILT - <b>MAR. &amp; APRIL 1942</b>	CENTER SILL AREA - <b>25.29 SQ. IN.</b>	SUPERSTRUCTURE - <b>STEEL</b>	UNDERFRAME - <b>STEEL</b>	-RAR COIL 1913 DESIGN 3-OUTER, 5-INNER & 1 SIMPLEX UNIT TYPE 3NUBBER PER NEST.																									
CAPACITY LEVEL FILL - CU. FT. - <b>1958</b>	CENTER SILL COVER PLATE - <b>12 7/8" X 3/8"</b>	GENERAL DRAWING OF TRUCK NO.		CLASS <b>99833-99857</b>																									
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER - <b>ARR TYPE 2 6 1/4" X 8" BOT. OPER. TG.</b>	JOURNAL - <b>6" X 11"</b>		CARS																									
AVERAGE LOAD LIMIT - LBS. - <b>167600</b>	COUPLER RELEASE RIGGING - <b>STARYE BAPT. CO. BOT. OPER. TG.</b>	SIDE BEARING - <b>STUCKI ROLLER TYPE</b>		70 TON DRY BULK																									
AVERAGE LIGHT WEIGHT - LBS. - <b>52400</b>	DOOR HOPPER - <b>ENTERPRISE</b>	SIDE FRAME - <b>Q.S. DOUBLE TRUSS INTEGRAL BOX</b>		<h1>N.K.P.</h1> <p>ADVISORY MECHANICAL COMMITTEE CLEVELAND, OHIO FEB. 17, 1942</p>																									
BUILDERS REFERENCE - <b>LOT 2438</b>	DOOR FIXTURES - <b>HOPPER - ENTERPRISE</b>	SPRING - <b>SEE NOTE:-1</b>																											
R. R. SPEC. NO. - <b>3 CHBC</b>	DOOR CLEAR OPENING - <b>HATCH 36" X 36", HOPPER 13' X 24"</b>	WHEELS - <b>ARR 33" DIA. Q.S. SINGLE PLY 350*</b>		REVISIONS																									
CAR BODY DATA		WEIGHT OF ONE TRUCK - <b>9400 #</b>		<table border="1"> <tr> <td>4-2A1-H</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>44 52</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>DR</td> <td>TR</td> <td>CH</td> <td>GROUP NO.</td> <td colspan="2">SHEET NO.</td> </tr> <tr> <td>6B</td> <td>6B</td> <td>44</td> <td>17</td> <td colspan="2">18</td> </tr> </table>		4-2A1-H						44 52						DR	TR	CH	GROUP NO.	SHEET NO.		6B	6B	44	17	18	
4-2A1-H																													
44 52																													
DR	TR	CH	GROUP NO.	SHEET NO.																									
6B	6B	44	17	18																									
END LOAD RATIO - <b>.0541</b> FLOORING - <b>1/4" CB STEEL</b> GENERAL DRAWING OF CAR - NO. HAND BRAKE - <b>AJAX</b> LINING END LINING SIDE ROOF - <b>1/8" CB STEEL</b>		QTR. PLY. HGT. - <b>2-13/4"</b>																											



NOTE - 6  
 AVERAGE LT. WT. 91262-91436 = 50,100; 91437-91461 = 49,500  
 AVERAGE LD. LMT. 91262-91436 = 169,900; 91437-91461 = 170,500

NOTE - 5:  
 CARS 91437-91440, 91442-91461 HAVE 6" X 11" CARTRIDGE TYPE  
 TIMKEN ROLLER BEARINGS. TIMKEN DWG. E-210916.  
 CAR 91441 HAS 6" X 11" CARTRIDGE TYPE TIMKEN ROLLER BEARINGS  
 TIMKEN DWG. E-21854. CAR 91367 HAS CLEVITE CARTRIDGE BEARINGS.

**GENERAL DATA**  
 BUILT BY - GREENVILLE STL. CAR CO. - GREENVILLE, PA.  
 YEAR BUILT - 1953  
 CAPACITY LEVEL FULL - CU. FT. - 1958  
 CAPACITY WITH 10 IN. HEAP CU. FT.  
 AVERAGE LOAD LIMIT - LBS. - SEE NOTE - 6  
 AVERAGE LIGHT WEIGHT - LBS. - SEE NOTE - 6  
 BUILDERS REFERENCE - LOT 0-0-671 - NKP  
 R. R. SPEC. NO. - 1-70-CH

**CAR BODY DATA**  
 AIR BRAKE MFG. - W.A.B. CO.  
 AIR BRAKE SCHEDULE - "A B"  
 BODY BOLSTER - 24" I BEAM @ 79.9"  
 BODY CENTER PLATE - FORGED STEEL  
 BODY SIDE BEARING - SPRING STEEL  
 CARLINES - 1/8" SEAM CAPS & INSIDE ANGLES

CENTER SILL - A.A.R. "Z" 26 @ 41.2# PER FT.  
 CENTER SILL AREA - 24.24 SQ. IN.  
 CENTER SILL COVER PLATE -  
 COUPLER - A.A.R. TYPE "E" 6 1/4" X 8" BOTT. OPERTG.  
 COUPLER RELEASE RIGGING - STD. RY. EQUIP. CO. BOTT. OPER.  
 DOOR - ENTERPRISE  
 DOOR FIXTURES - ENTERPRISE  
 DOOR CLEAR OPENING HATCH 36" X 36" - HOPPER 13" X 24"  
 DRAFT GEAR - SEE NOTE - 2  
 DRAFT GEAR ATTACHMENT - CAST STEEL YOKE  
 ENDS -  
 END LOAD RATIO - .0461  
 FLOORING - 1/4" STEEL  
 GENERAL DRAWING OF CAR - NO. 139-11-532  
 HAND BRAKE - AJAX  
 LINING END -  
 LINING SIDE -  
 ROOF - MURPHY - 13 GA. GALVANIZED C.B. STEEL

SIDE BEARING CENTERS - 4'-2"  
 SHEATHING - 3/16" STEEL  
 SUPERSTRUCTURE - STEEL  
 UNDERFRAME - STEEL

**TRUCK DATA**  
 BOLSTER - CAST STEEL - A-3 RIDE CONTROL  
 BRAKE BEAM - A.A.R. NO. 18  
 BRAKE BEAM SAFETY - GRIPCO  
 CENTER PLATE - CAST INTEGRAL WITH BOLSTER  
 GENERAL DRAWING OF TRUCK NO.  
 JOURNAL - 6" X 11" - SEE NOTE - 5  
 SIDE BEARING - STUCKI NO. 656-C  
 SIDE FRAME - CAST STEEL - A-3 RIDE CONTROL  
 SPRING - SEE NOTE - 1  
 WHEELS - A.A.R. 33" DIA. ONE WEAR WROT STEEL  
 WEIGHT OF ONE TRUCK  
 CTR. PLT. HT. - 2'-1 3/4"

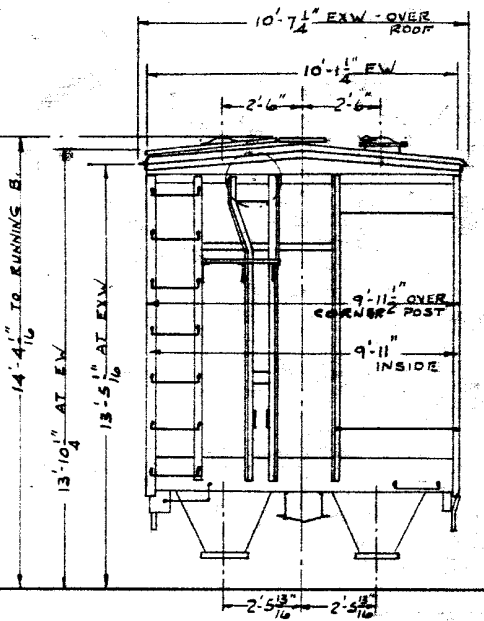
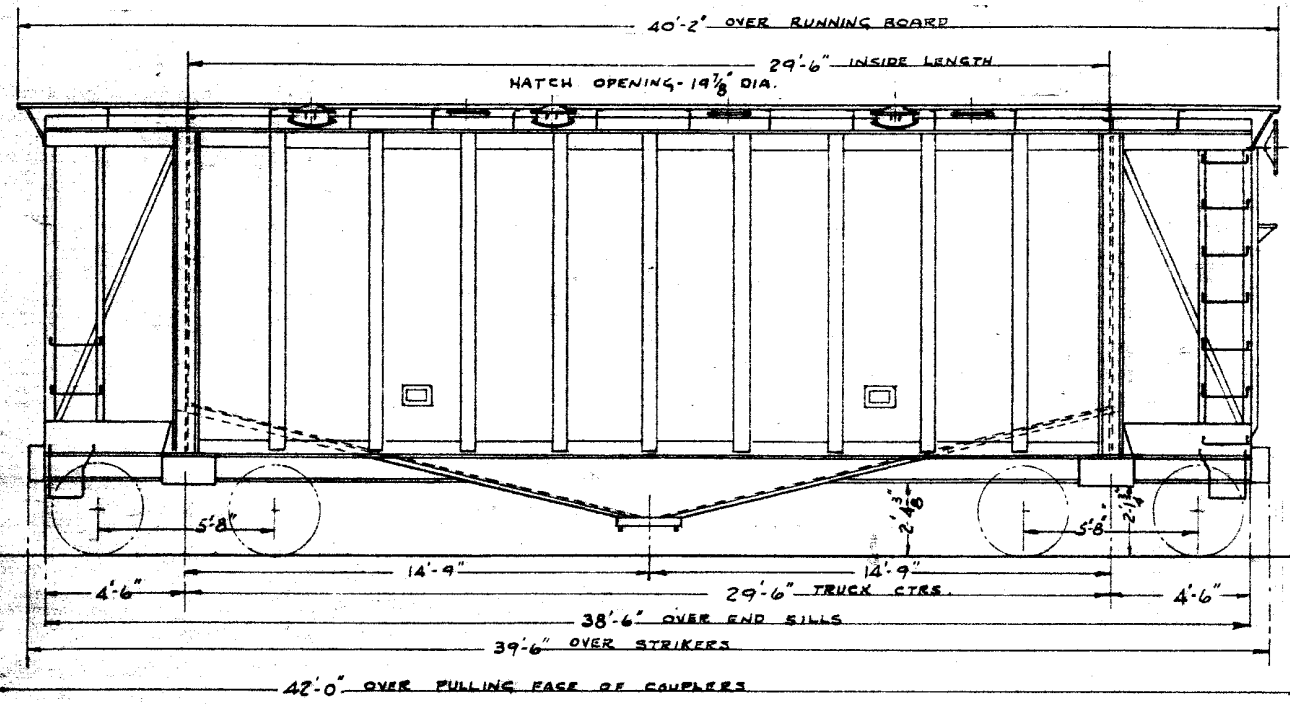
**MISCELLANEOUS**  
 NOTE - 1:  
 7- OUTER COILS & 1- INNER COIL - 1947  
 A.A.R. SPRINGS AT 2 1/2" TRAVEL, AND  
 2- DOUBLE COIL RIDE CONTROL SPRINGS  
 PER NEST.

NOTE - 2:  
 N.M. & ST. C. CO. - M-17A - 100 CARS  
 W. H. MINER - A-22-XL - 100 CARS

NOTE - 3:  
 APEX TRI-LOK RUNNING BOARD  
 & BRAKE STEP.

NOTE - 4:  
 CARS EQUIPPED WITH AJAX MECHANICAL  
 TYPE "A" SLACK ADJUSTER.

		91262-91461	
CLASS		CARS	
70 TON DRY BULK			
<b>NKP</b>			
CLEVELAND, OHIO		OCT. 14, 1953	
REVISIONS			
DR	TR	CH	GROUP NO.
ERC	RFc	SS	17
			SHEET NO.
			14



HAND BRAKE	WHEELS	SIDE BEAR'G	YEAR BUILT	SERIES
MINER	1 WEAR WR. STL	ROCKET SHOES	1955	500-508
MINER	CAST STEEL	"	1955	509-512
MINER	CAST STEEL	"	1957	513-516
MINER	CAST STEEL	STUCKI ROLLER	1960	553-592
UNNERL	STEEL	"	1961	593-645

CENTER OF GRAVITY, WITH LOAD LIMIT TO SIDE PLATE = 94"

NOTE-1: THE AIRSLIDE IS THE SELF-UNLOADING FEATURE OF THIS CAR. AIRSLIDE FABRIC IS LOCATED IN THE BOTTOM OF EACH OF THE TWO HOPPER TRUNKS AND EXTENDS THE FULL LENGTH OF CAR ON EITHER SIDE OF THE CENTER SILL. AIR IS DIRECTED INTO THE CHAMBERS PERMEATING THE AIRSLIDE FABRIC AND AERATING THE LADING. THIS CAUSES THE LADING TO FLOW DOWN THE HOPPER SLOPES AND THROUGH THE DISCHARGE OUTLETS.

NOTE-2: 5 OUTER COILS & 4 INNER COILS - 1947 A.A.R. SPRINGS @ 2 1/2" TRAVEL, AND 2 BARBER STABILIZED SPRINGS PER NEST.

NOTE-3: CARS HAVE APEX RUNNING BOARD & BRAKE STEP.

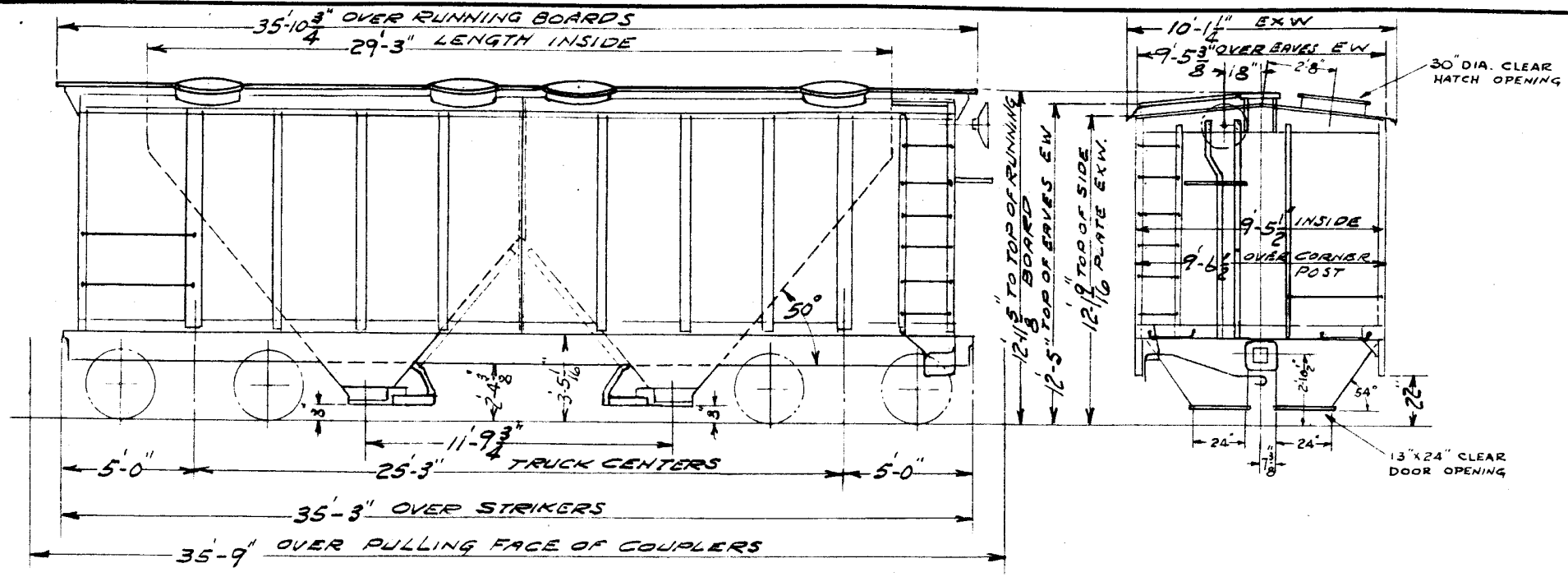
GENERAL DATA	
BUILT BY	GEN. AMERICAN TRANSPORTATION CORP.
YEAR BUILT	SEE TABLE
CAPACITY LEVEL FULL—CU. FT.	2600
CAPACITY WITH 10 IN. HEAP CU. FT.	
AVERAGE LOAD LIMIT—LBS.	163,030
AVERAGE LIGHT WEIGHT—LBS.	56,970
BUILDERS REFERENCE #	8077, 8082, 8177, 8126
R. R. SPEC. NO.	

CENTER SILL A.A.R.	"Z" 26 @ 51.2" PER FT.
CENTER SILL AREA	30.12 SQ. IN.
CENTER SILL COVER PLATE	-
COUPLER TYPE	"B" 6 1/4" X 8" BOTTOM OPERATING
COUPLER RELEASE RIGGING	STD. RY. EQUIP. CO. BOTT. OPER. TYPE
DOOR	CAR BUILDERS
DOOR FIXTURES	CAR BUILDERS
DOOR CLEAR OPENING	11" X 9"
DRAFT GEAR	MINER A-22-XL OR CARB. WEST.
DRAFT GEAR ATTACHMENT	CAST STEEL YOKE
ENDS	-
END LOAD RATIO	.0390
FLOORING	3/16" STEEL - SEE NOTE-1
GENERAL DRAWING OF CAR—NO.	G.A.T.C. DWG. 5-3250
HAND BRAKE	SEE TABLE 5-3440
LINING SIDE	-
ROOF	CAR BUILDERS - 7/8" STEEL

TRUCK DATA	
SOLSTER	CAST STEEL - BARBER STABILIZED-5-2-A
BRAKE BEAM	UNIT TYPE A.A.R. #18
BRAKE BEAM SAFETY	-
CENTER PLATE	CAST MFG. W/AL. WITH SOLSTER
GENERAL DRAWING OF TRUCK NO.	
JOURNAL	6" X 11"
SIDE BEARING	SEE TABLE
SIDE FRAME	CAST STEEL - BARBER STABILIZED
SPRING	SEE NOTE-2
WHEELS	SEE TABLE
WEIGHT OF ONE TRUCK	

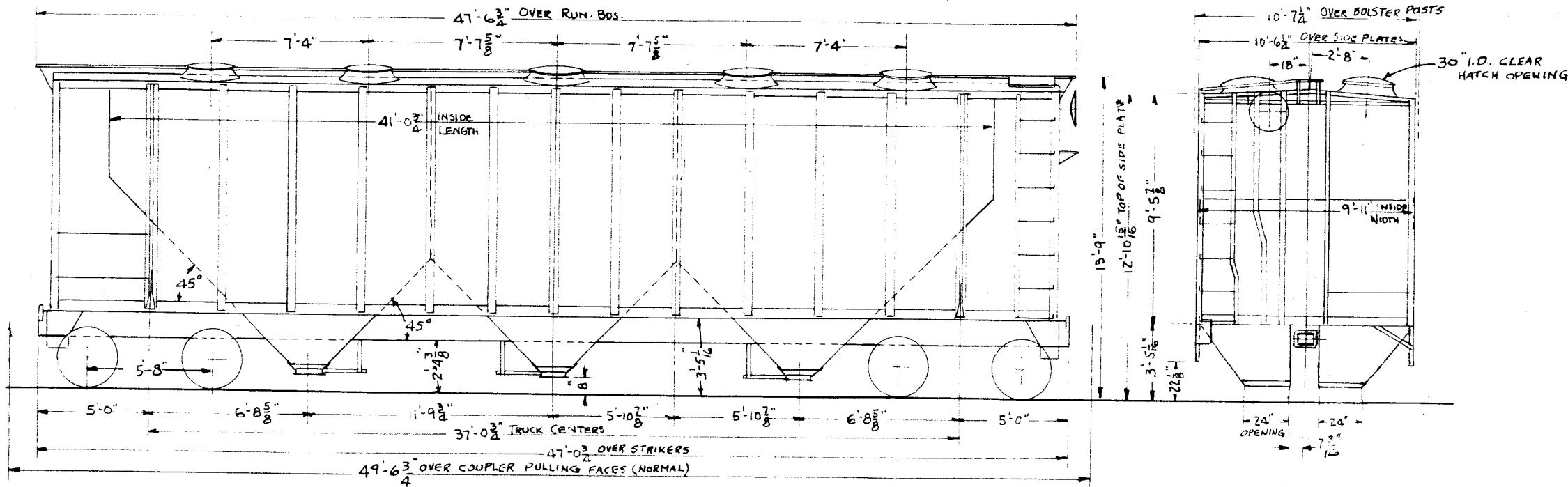
MISCELLANEOUS	
NOTE-2:	5 OUTER COILS & 4 INNER COILS - 1947 A.A.R. SPRINGS @ 2 1/2" TRAVEL, AND 2 BARBER STABILIZED SPRINGS PER NEST.
NOTE-3:	CARS HAVE APEX RUNNING BOARD & BRAKE STEP.

500-516	553-645			
70 TON DRY BULK-AIRSLIDE				
N K P				
CLEVELAND, OHIO OCT. 4, 1956				
REVISIONS				
DR	TR	CH	GROUP NO.	SHEET NO.
E <sub>2</sub>	E <sub>2</sub>	045	17	15



CARS ARE EQUIPPED WITH APEX TRI-LOC RUNNING BOARD & BRAKE STEP  
 CARS ARE EQUIPPED WITH WESTINGHOUSE D-III-D SLACK ADJUSTER

<b>GENERAL DATA</b> BUILT BY GREENVILLE ST. CAR CO. GREENVILLE PA. YEAR BUILT 1957 CAPACITY LEVEL FULL - CU. FT. 2033 CAPACITY WITH 12 IN. HEAP CU. FT. AVERAGE LOAD LIMIT - LBS. 108280 AVERAGE LIGHT WEIGHT - LBS. 51720 BUILDERS REFERENCE C.O. 691 R. R. SPEC. NO.		<b>CAR BODY DATA</b> AIR BRAKE MFG. W.A.B.CO. AIR BRAKE SCHEDULE "A.B." BODY BOLSTER BUILT UP STEEL BODY CENTER PLATE DRIP FORGED BODY SIDE BEARING HARDENED STEEL CARLINES 5" x 3" x 3/16" ANGLES.		<b>CENTER SILL</b> 2-2-26 @ 51.2# PER FT. CENTER SILL AREA 30.12" CENTER SILL COVER PLATE COUPLER RAR TYPE 800' 6" DIA. x 8" BOT. OPER COUPLER RELEASE RIGGING STD. RY. EQPT. CO. BOT. OPER DOOR ENTERPRISE DOOR FIXTURES ENTERPRISE DOOR CLEAR OPENING HATCH 30" DIA., HOPPER 13" x 24" DRAFT GEAR SEE NOTE - 1 DRAFT GEAR ATTACHMENT C.S. YOKE ENDS END LOAD RATIO .0390 FLOORING 5/16" PLATES 50° SLOPE GENERAL DRAWING OF CAR - NO. 139-11-540 HAND BRAKE 50 CARS - AIR, 50 CARS - EQUIP CO LINING END LINING SIDE ROOF END ROOF SHEETS 1/8", OTHERS 3/16"		<b>SIDE BEARING CENTERS</b> 4'-2" SHEATHING 1/4" STEEL SUPERSTRUCTURE STEEL UNDERFRAME STEEL <b>TRUCK DATA</b> BOLSTER C.S. A-3 RIDE CONTROL BRAKE BEAM AAR NO. 18 BRAKE BEAM SAFETY - LEDGES ON SIDE FRAME CENTER PLATE INTEGRAL GENERAL DRAWING OF TRUCK NO. JOURNAL TINKEN 6" x 11" ROLLER BEARING SIDE BEARING STUCK! SIDE FRAME C.S. A-3 RIDE CONTROL SPRING SEE NOTE - 2 WHEELS SEE NOTE - 3 WEIGHT OF ONE TRUCK 8320 LBS. CENTER PLATE WEIGHT - 2'-1 1/4"		<b>MISCELLANEOUS</b> NOTE - 1 DRAFT GEAR 50 CARS WAUGH-GOULD NO. 420 50 CARS MINER CLASS A 22-AL NOTE - 2 7 OUTER COILS & INNER COIL - 1987 A.R.R. SPRINGS AT 2 1/2 TRAVEL, AND 2 DOUBLE COIL RIDE CONTROL SPRINGS PER NEST. NOTE - 3 CARS 91500-91574 HAVE ONE WEAR WROT STL CARS 91575-91599 HAVE CABT STEEL WHEELS		<b>CLASS</b> 91500-91599 <b>CARS</b> 70 TON DRY BULK <b>N.K.P.</b> CLEVELAND, OHIO JUNE 19, 1957.	
<b>REVISIONS</b> P. 5 58 DR TR CH GROUP No. SHEET No. 1WB 1WB Fc 17 16											



**GENERAL DATA**  
 BUILT BY **ACF INDUSTRIES INC**  
 YEAR BUILT **1962**  
 CAPACITY LEVEL FULL - CU. FT. **3500**  
 CAPACITY WITH 10 IN. HEAP CU. FT.  
 AVERAGE LOAD LIMIT - LBS. **157,000**  
 AVERAGE LIGHT WEIGHT - LBS. **63,000**  
 BUILDERS REFERENCE **LOT 11-5894**  
 R. R. SPEC. NO.

**CAR BODY DATA**  
 AIR BRAKE MFG. **WESTINGHOUSE OR NYA-B CO.**  
 AIR BRAKE SCHEDULE **AB-1012**  
 BODY BOLSTER **BUILT UP**  
 BODY CENTER PLATE **FORGED STEEL**  
 BODY SIDE BEARING **SPRING STEEL**  
 CARLINES **INSIDE ANGLES 5x3x5/16 & 3x2 1/2x1/4**

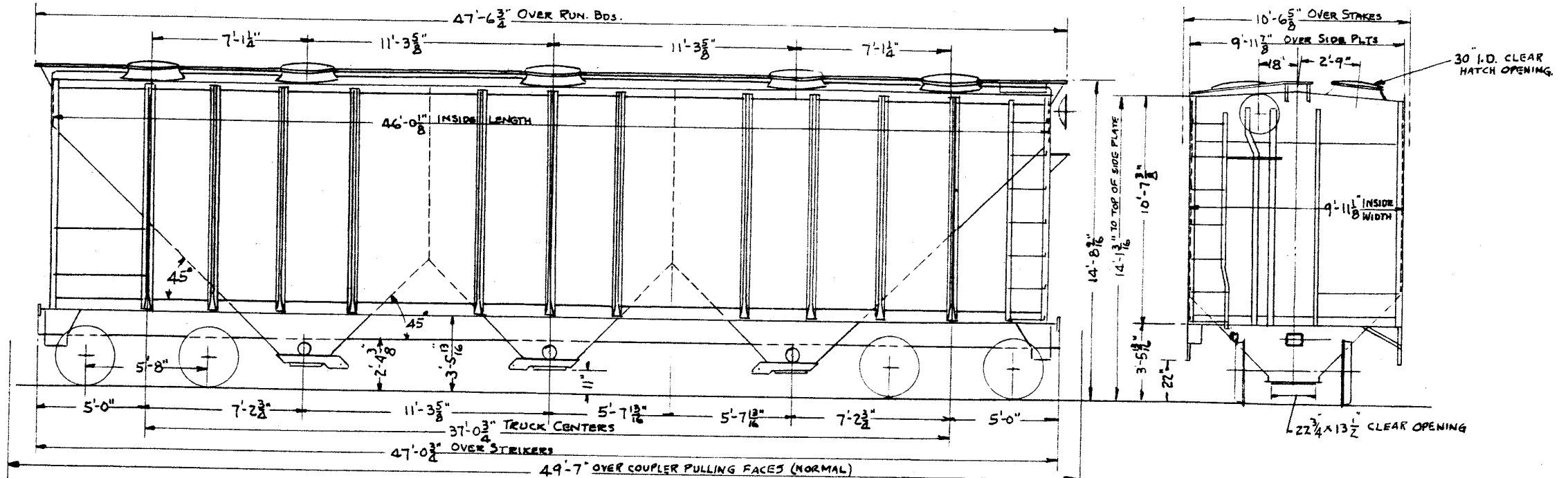
CENTER SILL **Z-26 @ 51.2# PER FOOT**  
 CENTER SILL AREA **30.12 SQ. IN.**  
 CENTER SILL COVER PLATE  
 COUPLER **AAR TYPE E 6 1/2" x 8" SHANK BOTT OPER**  
 COUPLER RELEASE RIGGING **A.C.F. DESIGN**  
 DOOR  
 DOOR FIXTURES **ENTERPRISE**  
 DOOR CLEAR OPENING **HOPPER BOTTOM - 13' x 24"**  
 DRAFT GEAR **SEE MISC**  
 DRAFT GEAR ATTACHMENT **C.S. YORK**  
 ENDS  
 END LOAD RATIO **.0390**  
 FLOORING **5/16" STEEL**  
 GENERAL DRAWING OF CAR **NO. ACF DWG G1-42842-B**  
 HAND BRAKE **AAR APPROVED - NON SPIN - SEE MISC.**  
 LINING END  
 LINING SIDE  
 ROOF **FLAT SHEETS - BUTT WELDED - 3/16 & 1/8"**

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

**TRUCK DATA**  
 BOLSTER **C.S. A-3 RIDE CONTROL**  
 BRAKE BEAM **NO 18 UNIT TYPE**  
 BRAKE BEAM SAFETY **CAST INTEGRAL**  
 CENTER PLATE **CAST INTEGRAL**  
 GENERAL DRAWING OF TRUCK NO.  
 JOURNAL **6" x 11"**  
 SIDE BEARING **STUCKI ROLLER**  
 SIDE FRAME **C. STEEL - RIDE CONTROL**  
 SPRING **AAR - 7- OUTER INNER PRINCEST 2 7/8 TRAVEL**  
 WHEELS **1WWS 33" B-33**  
 WEIGHT OF ONE TRUCK

**MISCELLANEOUS**  
 DRAFT GEAR **24 CARS MINER A-22-XL**  
**11 CARS CARD. WEST NY 11-F**  
 HAND BRAKE **15 CARS ELLCON NATIONAL**  
**20 CARS UNIVERSAL**  
 ROOF HATCHES **2'-6" DIA. OPENINGS**  
 RUN BDS. & BRAKE STEP **APEX**  
 BEARINGS - **FLAT BACK**

CLASS		90200-90234	
70 TON DRY BULK		CARS	
<b>NKP</b>			
CLEVELAND, OHIO		JULY 1962	
REVISIONS			
DR	TR	CH	GROUP NO.
ON <sub>3</sub>	ON <sub>3</sub>	88	17
			SHEET NO.
			17

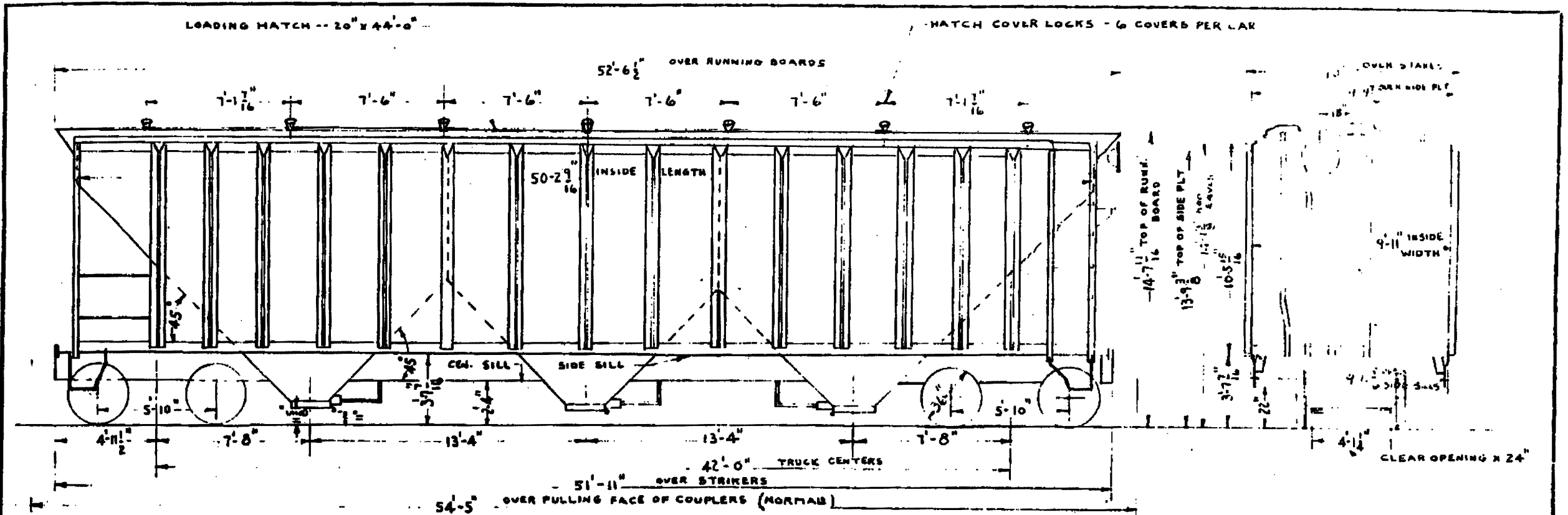


GENERAL DATA		TRUCK DATA		MISCELLANEOUS	
BUILT BY PULLMAN STANDARD CAR MFG. CO.	CENTER SILL 2-26 @ 51.2# PER FOOT	SIDE BEARING CENTERS 4'-2"	ENTERPRISE PNEU. UNLOADING DEVICE		
YEAR BUILT 1962	CENTER SILL AREA 30.12 SQ. IN.	SHEATHING 1/4" STEEL	ROOF HATCHES 2'-6" DIA. OPENINGS		
CAPACITY LEVEL FULL - CU. FT. 4030	CENTER SILL COVER PLATE	SUPERSTRUCTURE STEEL	WEST. AUTO. PNEU. D-112-D SLACK ADJUSTER		
CAPACITY WITH 10 IN. HEAP CU. FT.	COUPLER HT AAR TYPE E 6 1/2 X 8 BOT. OPERATING	UNDERFRAME STEEL	U.S. GYP. WELDFORMED RM. BDS & BRACE STEP		
AVERAGE LOAD LIMIT - LBS. 156700	COUPLER RELEASE RIGGING PULLMAN DESIGN				
AVERAGE LIGHT WEIGHT - LBS. 63300	DOOR	TRUCK DATA			
BUILDERS REFERENCE LOT 8669	DOOR FIXTURES KEystone PORTLOC CENTER DISCHARGE	BOLSTER C.S. A-3 RIDE CONTROL			
R. R. SPEC. NO.	DOOR CLEAR OPENING 13 1/2" X 22 3/4" (AT HOPPER BOT.)	BRAKE BEAM N#18 UNIT TYPE			
	DRAFT GEAR MINER A-22-KL	BRAKE BEAM SAFETY CAST INTEGRAL			
	DRAFT GEAR ATTACHMENT C.S. YOKE Y-40	CENTER PLATE CAST INTEGRAL			
	ENDS	GENERAL DRAWING OF TRUCK NO.			
	END LOAD RATIO .0390	JOURNAL 6" X 11" TIMKEN TYPE AP ROLLER BEARINGS			
	FLOORING 5/16" STEEL	SIDE BEARING "STUCKI" ROLLER			
	GENERAL DRAWING OF CAR - NO. P.S.C. DWG. F-62891-E	SIDE FRAME CAST STEEL - RIDE CONTROL			
	HAND BRAKE AJAX N#5	SPRING AAR 7-OUTER 1-INNER PER NEST 2 1/2" TRAVEL			
	LINING END	WHEELS 1 WWS 35"			
	LINING SIDE	WEIGHT OF ONE TRUCK 8160 LBS.			
	ROOF FLAT SHEETS - BUTT WELDED	CENTER PLATE HT. - 2'-13/4"			
CAR BODY DATA					
AIR BRAKE MFG. WESTINGHOUSE					
AIR BRAKE SCHEDULE AB 1012					
BODY BOLSTER BUILT UP WELDED DESIGN					
BODY CENTER PLATE FORGED STEEL					
BODY SIDE BEARING SPRING STEEL					
CARLINES INSIDE ANGLES 5" X 3" X 5/16"					
				CLASS	90500-90564
				CARS	
				70 TON DRY BULK	
				NKP	
				CLEVELAND, OHIO	JULY 1962
				REVISIONS	
				DR	TR
				CH	GROUP NO.
				17	SHEET NO.
				18	









**GENERAL DATA**

BUILT BY GEN. AMER. TRANSP. CORP.  
ROAD BUILT 1964

CAPACITY LEVEL FULL CH. 4800 CU. FT.

CAPACITY WITH 10 IN. HEAD CU. FT.

AVERAGE LOAD LIMIT 197,800 LBS.

AVERAGE LIGHT WEIGHT 100,65,200 LBS.

BUILDER ORDER NO. 0363-B

R. R. SPEC. NO.

**CAR MOD. DATA**

AIR BRAKE MFG. W.V. AIR BRAKE CO.  
AIR BRAKE SYSTEM AG-1012 WITH "CROSS" BRUSH

BODY DESIGN BUILT UP WELDED DESIGN

BODY CENTER LINE FORGED STEEL

BODY END BRACKET SPRING STEEL

WHEELS 3" X 7/8" X 1/4" ANGLES, OUTSIDE TYPE

CENTRAL SILL TWO 15" X 33.9 LB/FT CHANNELS

LENGTH 54.14 IN.

FRONT AND REAR SILL 3/8" X 12 1/2" PLATE @ BOTTOM

COUPLER TYPE E, BR-604-N7, BOTT. OPERATIONS

COUPLER RELEASE MOUNT S.R.E.M. BOTT. OPER. TYPE

DISCHARGE GATE WINE RV. APPLIANCES CO.

DOOR FILLING WINE RV. APPL. CO.

DOOR CLEAR OPENING 24" X 49 1/4" CHOPPER BOTT.

GRAPE LEAN MINER A-32-XL

GRAPE LEAN ATTACHMENT C.S. YONE B-Y 40

END

END LOAD HATCH

PLATING 7/32" C.B. STEEL

EQUIPCO

3/16" C.B. STEEL WELDED TO CARLINES

TRUCK DATA

CAST STEEL FOR BARBER 5-2-A SHUBBER

UNIT TYPE-AAR NO 18

CAST INTEGRAL FOR UNIT BEAM

CAST INTEGRAL

6 1/2" X 12" TIMKEN TYPE A DOLLER BEARING

STUCKER- DOUBLE ROLLER

CAST STL BARBER STABILIZED

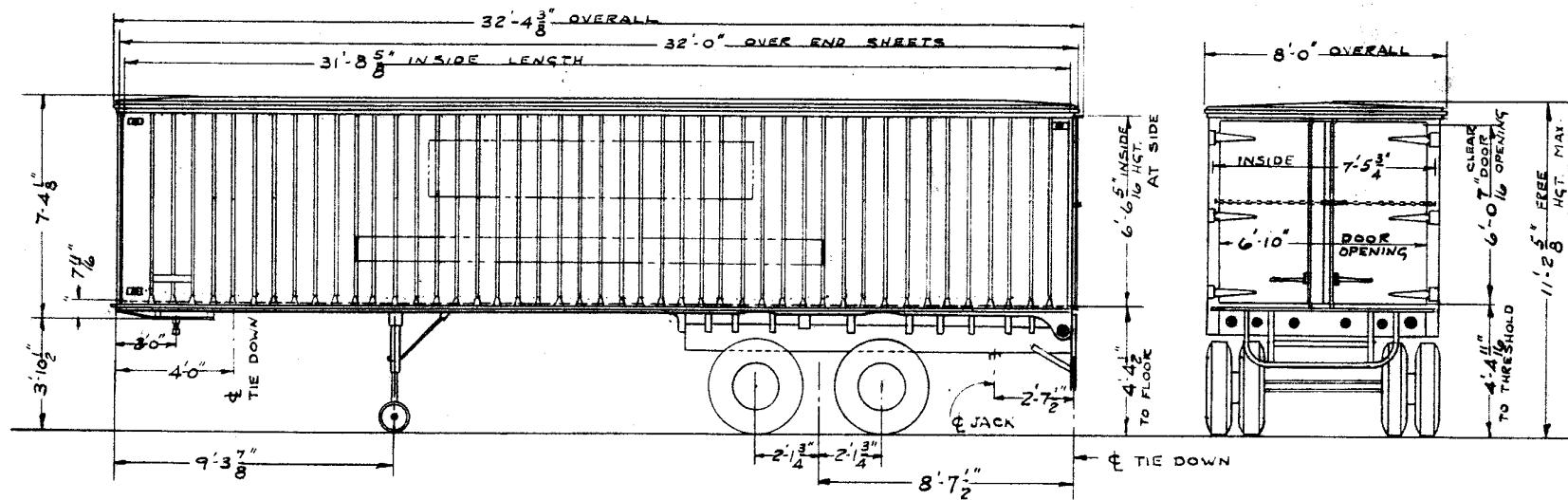
AAR-7 OUTER-4 INNER PER HEST-2 1/2 TRAVEL

36" DIA. ONE WEAR CAST STL CLASS-U

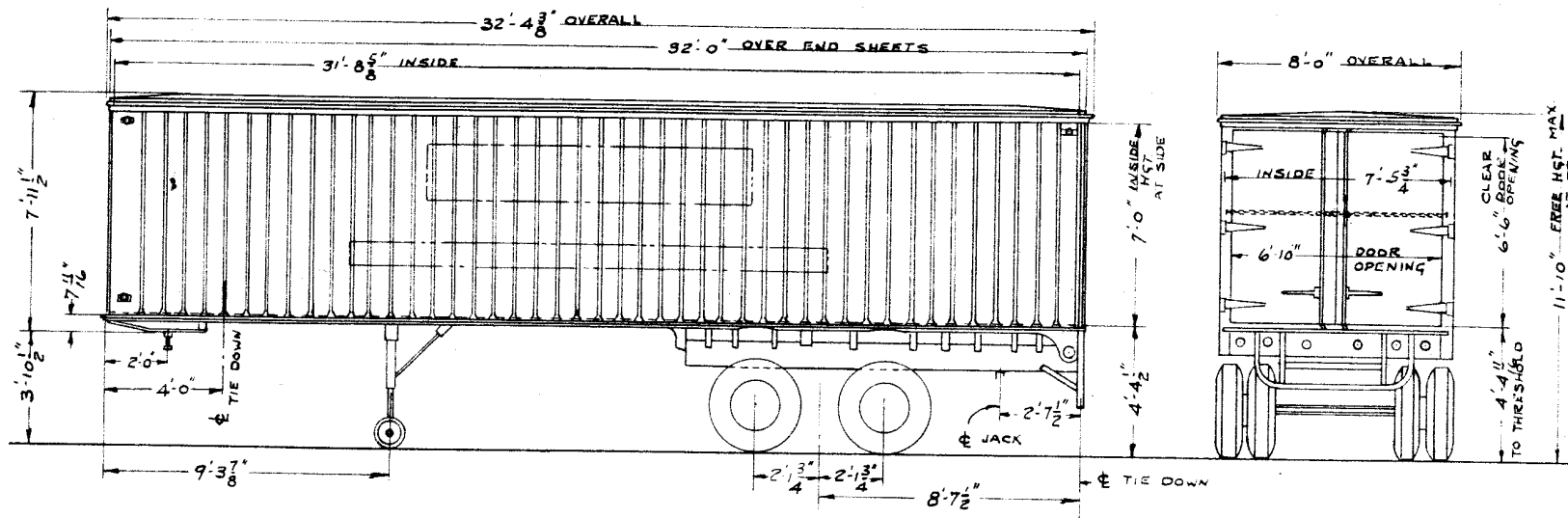
**MISCELLANEOUS**

ROOF HATCH COVERS --- 6 PER CAR ARRANGED CONTINUOUSLY ALONG LONGITUDINAL CENTER OF CAR

290850-290874	
100 TON DRY BULK	
<b>N &amp; W</b>	
FEB 11, 1965	
17-A	2



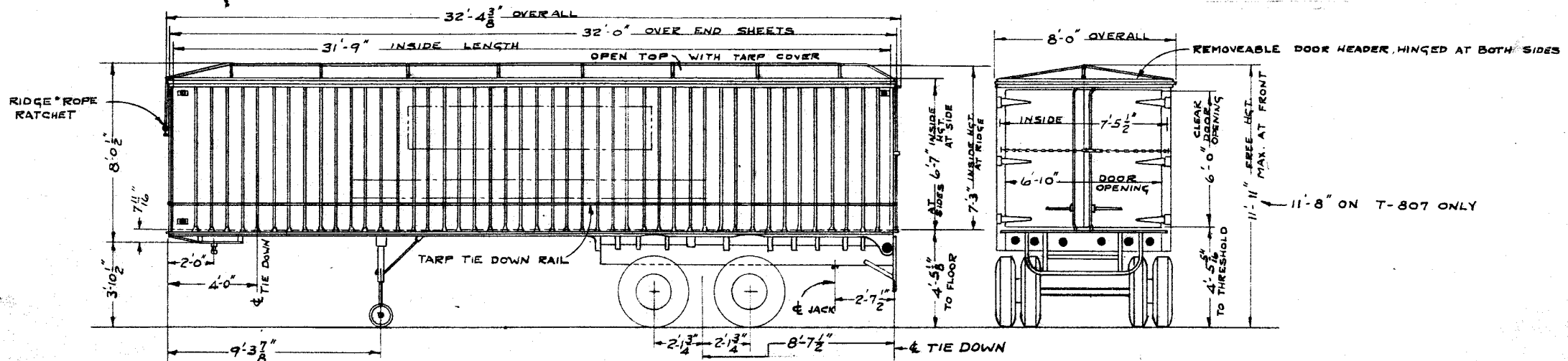
BUILT BY - FRUEHAUF - AVON LAKE, OHIO	INSULATION, ROOF - NONE	LETTERING PANELS - NKP STANDARD	VAN	T-1 to T-25																				
YEAR BUILT - 1954	INSULATION, SIDE - NONE	PAINT - DULUX - BLUE, DUPONT CODE #51464	NO'S																					
TYPE - VAN - FRAMELESS	INSULATION, FLOOR - NONE		HIGHWAY TRAILER																					
MODEL - FDRR 5532			<h1 style="text-align: center;">NKP</h1> <p style="text-align: center;">MECHANICAL DEPARTMENT CLEVELAND, OHIO      JAN. 13, 1955</p>																					
CAPACITY, CU. FT. 1556	FLOOR - COMPOSITE, WOOD & STEEL - 1 3/8" THICK	AXLES NO. - 2																						
MAXIMUM PAY LOAD - 36750 LBS.	UNDER CONSTRUCTION - HEAVY DUTY TANDEM RUBBER RIDE SPRINGS	AXLES TYPE - "I" BEAM	<p style="text-align: center;">REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">5-16</td> <td style="width: 10%;">3-21</td> <td style="width: 10%;">56</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>DR</td> <td>TR</td> <td>CH</td> <td>GROUP NO.</td> <td>ENGINE NO.</td> <td colspan="5"></td> </tr> </table>		5-16	3-21	56								DR	TR	CH	GROUP NO.	ENGINE NO.					
5-16	3-21	56																						
DR	TR	CH	GROUP NO.	ENGINE NO.																				
AVERAGE LT. WT. - 11250 LBS.	FRONT END - SQUARE WITH 1 1/2" INSIDE CORNER RADIUS	AXLES CAPACITY, EACH - 20,000 LBS.	<p style="text-align: center;">18</p>																					
MAX. GROSS - 48000 LBS.	DOLLY RIGGING - 2 SPEED CRANK VERTICAL SUPPORT	TIRES NO. - 8																						
BRAKE, TYPE - VACUUM	REAR DOOR - DOUBLE, FULL LENGTH, DOUBLE CAM LOCKS	TIRE SIZE - 9.00 X 20	<p style="text-align: center;">FC    FC    [Signature]</p>																					
BRAKE CYL. SIZE - (2) 16 1/2" X 6"	CURB SIDE DOOR - NONE	TIRE PLY - 10																						
SIDE CONSTRUCTION - 20 GA. H.R. CORRUGATED STEEL	DOOR CHAINS WITH DOUBLE HOOKS	LIGHTS - I.C.C. STANDARD & TURN SIGNALS																						
INSIDE LINING - 1/4" PLYWOOD	TIE DOWN BRACKETS - NKP STANDARD - SIDE & END	VOLTAGE - 6 PLUG - 6 PIN FRUEHAUF																						
ROOF - 26 GA. GALVANNEAL STEEL	REAR BUMPER - STANDARD DOCK & I.C.C. STANDARD	WHEELS - DAYTON																						
	MUD FLAPS - WITH																							



BUILT BY - FRUEHAUF - AVON LAKE, OHIO	INSULATION, ROOF - NONE	LETTERING PANELS - NKP STANDARD	VAN	T-200 to T-209			
YEAR BUILT - 1955	INSULATION, SIDE - NONE	PAINT - DULUX BLUE, DUPONT CODE #51464	NO'S.				
TYPE - VAN - FRAMELESS	INSULATION, FLOOR - NONE		HIGHWAY TRAILER				
MODEL - FDRR 5532			<b>NKP</b> MECHANICAL DEPARTMENT				
CAPACITY, CU. FT. - 1667	FLOOR - COMPOSITE, WOOD & STEEL - 1 3/8" THICK	AXLES, NO. - 2			CLEVELAND, OHIO	MAY 12, 1955	
MAXIMUM PAY LOAD - 36,500 LBS.	UNDERCONSTRUCTION - HEAVY DUTY TANDEM RUBBER RIDE SPRINGS	AXLE TYPE - "I" BEAM	REVISIONS				
AVERAGE LIGHT WT. - 11,500 LBS.	FRONT END - SQUARE WITH 1 1/2" INSIDE CORNER RADIUS	AXLES CAPACITY, EACH - 20,000 LBS.	DR	TR	CH	GROUP NO.	SHEET NO.
MAXIMUM GROSS - 48,000 LBS.	DOLLY RIGGING - 2 SPEED CRANK-VERTICAL SUPPORT	TIRES NO. - 8	E <sub>F</sub> C	E <sub>F</sub> C	18	2	
BRAKE TYPE - VACUUM	REAR DOOR - DOUBLE, FULL LENGTH, DOUBLE CAM LOCKS	TIRE SIZE - 9.00 X 20					
BRAKE CYL., SIZE - (2) 1 1/2" X 6"	CURB SIDE DOOR - NONE	TIRE PLY - 10					
SIDE CONSTRUCTION - 20 GA. H.R. CORRUGATED STEEL	DOOR CHAINS WITH DOUBLE HOOKS	LIGHTS - I.C.C. STANDARD & TURN SIGNALS					
INSIDE LINING - 1/4" PLYWOOD	TIE DOWN BRACKETS - NKP STANDARD - SIDE & END	VOLTAGE - 6 PLUG - 6 PIN FRUEHAUF					
ROOF - 26 GA. GALVANNEAL STEEL	REAR BUMPER - STANDARD DOCK & I.C.C. STANDARD	WHEELS - DAYTON					
	MUD FLAPS - WITH						



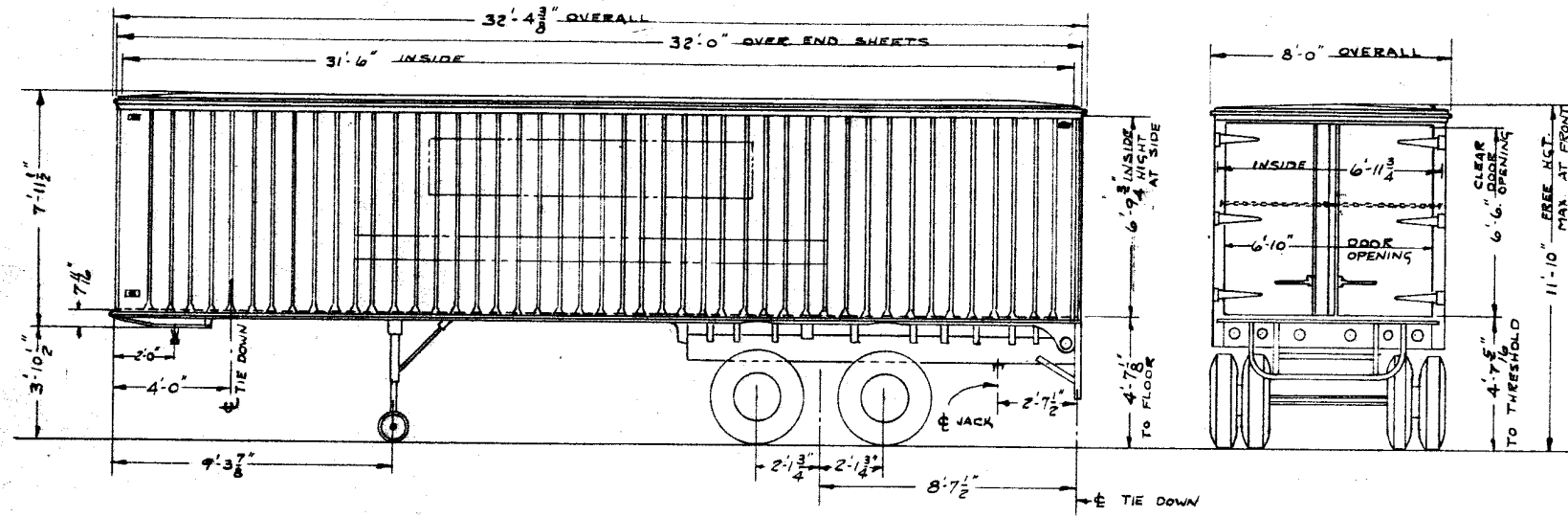
EACH TRAILER EQUIPPED WITH FLOOR RINGS AND THREE SETS OF CHAINS AND BINDERS AND BOX UNDER FRAME FOR STORAGE WHEN NOT USED.



T-810 TO T-824	D.L. & W	16 1/2" X 7" OVER AXLE	CLOSED	AIR	12-FRUEHAUF RINGS	DUAL 6 & 12
T-805 TO T-809	D.L. & W.	16 1/2" X 6" UNDER AXLE	CLOSED	VACUUM	12-N.K.P. "U" BOLTS	6
T-802 TO T-804	FRUEHAUF	16 1/2" X 6" UNDER AXLE	CAM	VACUUM	12-NKP "U" BOLTS	6
T-800 TO T-801	FRUEHAUF	16 1/2" X 6" UNDER AXLE	CAM	VACUUM	12-NKP "U" BOLTS	6
TRAILERS	TYPE DOORS	BRAKE CYL.	DOOR LOCKS	BRAKES	FLOOR ANCHORS	VOLTAGE

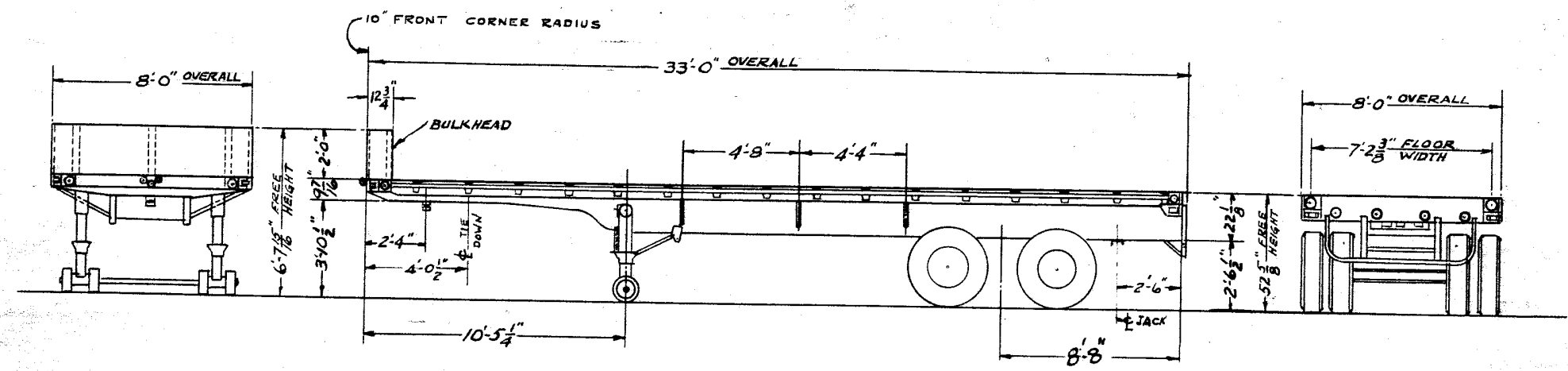
T-810 TO T-824
T-805 TO T-809
T-802 TO T-804
T-800 TO T-801

BUILT BY - FRUEHAUF - AXON LAKE, OHIO	INSULATION, ROOF - NONE	LETTERING PANELS - NKP STANDARD	OPEN TOP	T-800 TO T-801
YEAR BUILT - T-800 TO T-809 IN 1955; T-810 TO T-824 IN 1956	INSULATION, SIDE - NONE	PAINT - DULUX BLUE - DUPONT CODE # 51464		
TYPE - VAN FRAMELESS	INSULATION, FLOOR - NONE	TARPAULIN - CANVAS PER DRWG. 171-2-661.	HIGHWAY TRAILER	
MODEL - FODRR - 5532	FLOOR - 2" T. & G. HARD WOOD	AXLES, NO. - 2	<h1 style="text-align: center;">NKP</h1> <p style="text-align: center;">MECHANICAL DEPARTMENT CLEVELAND, OHIO      MAY 10, 1955</p>	
CAPACITY, CU. FT. - 1559	UNDER CONSTRUCTION HEAVY DUTY TANDEM RUBBER RIDE SPRINGS	AXLES TYPE - "I" BEAM		
MAXIMUM PAY LOAD - 35250 LBS.	FRONT END - SQUARE WITH 1 1/2" INSIDE CORNER RADIUS.	AXLES CAPACITY, EACH - 20,000 LBS.		
AVERAGE LIGHT WT. - 12750 LBS.	DOLLY RIGGING - 2 SPEED CRANK - VERTICAL SUPPORT	TIRES NO. - 8		
MAXIMUM GROSS - 48000 LBS.	REAR DOOR - DOUBLE, FULL LENGTH, SEE TABLE	TIRE SIZE - 9.00X 20		
BRAKE TYPE - SEE TABLE	CURB SIDE DOOR - NONE	TIRE PLY - 10		
BRAKE CYL., SIZE - 16 1/2" X 6" SEE TABLE	DOOR CHAINS WITH DOUBLE HOOKS	LIGHTS - I.C.C. STANDARD & TURN SIGNALS		
SIDE CONSTRUCTION - 20 GA. H.R. CORRUGATED STEEL	TIE DOWN BRACKETS - NKP STANDARD - SIDE & END	VOLTAGE - SEE TABLE - PLUG - 6 PIN FRUEHAUF		
INSIDE LINING - STEEL SLATS - CORRUGATED - 20 GA.	REAR BUMPER - STANDARD DOCK & I.C.C. STANDARD	WHEELS - DAYTON		
ROOF - OPEN WITH TARP COVER & 8 BOWS	MUD FLAPS - WITH			
			REVISIONS	
			DR.	TR.
			CH	GROUP
			18	SHEET NO.
			4	



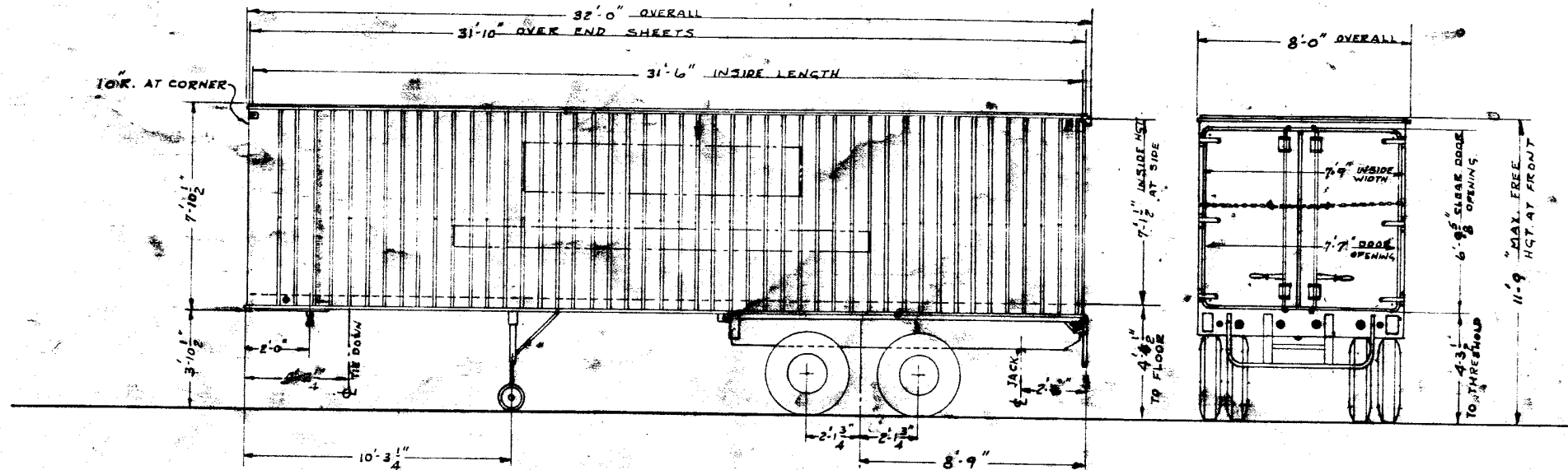
BUILT BY - FRUEHAUF - AVON LAKE, OHIO		INSULATION - ROOF - 4" ULTRALITE	LETTERING PANELS - NKP STANDARD	T-903 to T-904	
YEAR BUILT - 1965		INSULATION - SIDE - 3" ULTRALITE	PAIN T - DULUX BLUE, DUPONT CODE #51464	VAN TYPE INSULATED T-900 to T-902	
TYPE - VAN - FRAMELESS		INSULATION - FLOOR - 2" ULTRALITE		NO. 5.	
MODEL - FDERR 5632		FLOOR - 2" T. & G. HARD WOOD	AXLES NO. 2	HIGHWAY TRAILER	
CAPACITY, CU. FT. - 1484		UNDER CONSTRUCTION - HEAVY DUTY TANDEM RUBBER RIDE SPRINGS	AXLES TYPE - "I" BEAM	<h1 style="text-align: center;">NKP</h1> MECHANICAL DEPARTMENT CLEVELAND, OHIO      APRIL 20, 1965	
MAXIMUM PAY LOAD - 34650 LBS.		FRONT END - SQUARE	AXLES CAPACITY, EACH - 20,000 LBS.		
AVERAGE LT. WT. - 13350 LBS.		DOLLY RIGGING - 2 SPEED CRANK - VERTICAL SUPPORT	TIRES NO. - 8	REVISIONS	
MAX. GROSS - 48000 LBS.		REAR DOOR - DOUBLE, FULL LENGTH, DOUBLE CAM LOCKS	TIRE SIZE - 9:00 X 20	3-21	
BRAKE TYPE - VACUUM		CURB SIDE DOOR - NONE	TIRE PLY - 10	56	
BRAKE CYL. SIZE - (2) 1 1/2" X 6"		DOOR CHAINS WITH DOUBLE HOOKS.	LIGHTS - I.C.C. STANDARD & TURN SIGNALS	DR.	TR.
SIDE CONSTRUCTION - 20 GA. H.R. CORRUGATED STEEL		TIE DOWN BRACKETS - NKP STANDARD	VOLTAGE - 6 PLUG - 6 PIN FRUEHAUF	CH.	GROUP NO.
INSIDE LINING - 1/4" PLYWOOD - SIDES, ROOF, ENDS		REAR BUMPER - STANDARD & I.C.C. STANDARD	WHEELS - DAYTON	EFc	EFc
ROOF - 26 GA. GALVANNEAL STEEL		MUD FLAPS - WITH		18	5

EACH TRAILER EQUIPPED WITH TWO TARPULINS AND 4 SETS OF CHAINS AND BINDERS.



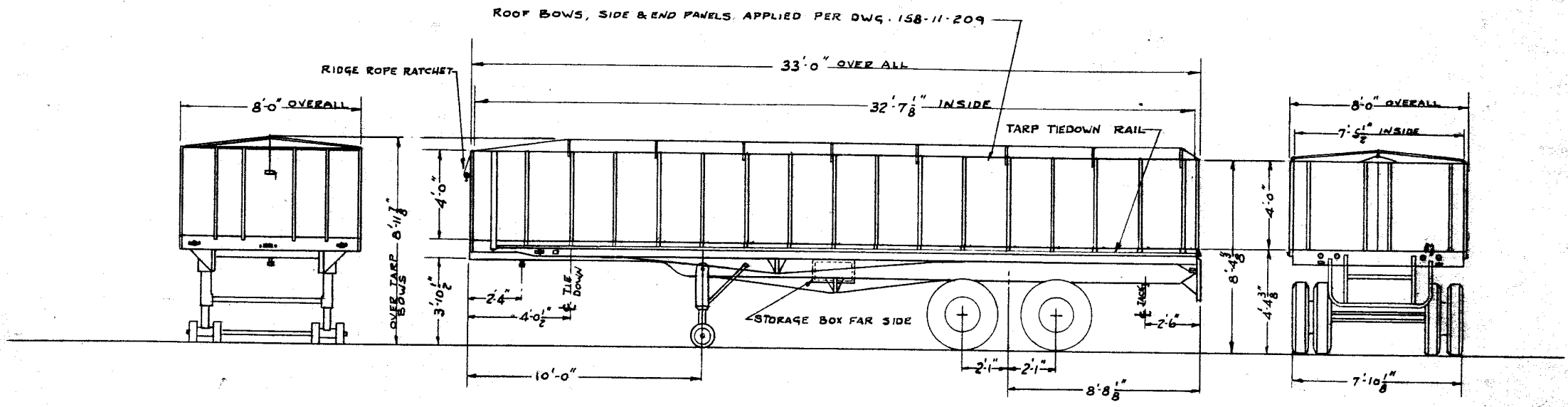
BUILT BY - FRUEHAUF	FLOOR - 2" T&G HARDWOOD	AXLES NO. - 2	FLAT BED	T-700 TO T-709														
YEAR BUILT - 1956	UNDER CONSTRUCTION - HEAVY DUTY TANDEM RUBBER RIDE SPRINGS	AXLES TYPE - I BEAM																
TYPE - FLAT BED	FRONT END - 24" STEEL BULKHEAD	AXLES CAPACITY, EACH - 20,000 LBS.	NO'S															
MODEL - SPMRR-5533	DOLLY RIGGING - 2 SPEED CRANK VERTICAL SUPPT.	TIRES NO. - 8	HIGHWAY TRAILER															
CAPACITY -	TIE DOWN BRACKETS - NKP AND DL & W	TIRE SIZE - 9.00 X 20	<h1 style="text-align: center;">NKP</h1>															
MAXIMUM PAY LOAD - 36740 LBS	REAR BUMPER - STD. DOCK & I.C.C.	TIRE PLY - 10																
AVERAGE LT. WT. - 11260 LBS	MUD FLAPS - WITH	LIGHTS - I.C.C. STD. & TURN SIGNAL	MECHANICAL DEPARTMENT CLEVELAND, OHIO      MARCH 20, 1956															
MAX. GROSS - 48000 LBS	PAINT - DULUX BLUE CODE # 51464	VOLTAGE - DUAL 6 AND 12																
BRAKE TYPE - AIR		WHEELS - DAYTON	REVISIONS <table border="1" style="width: 100%; text-align: center;"> <tr> <td>7-25</td> <td>8-1</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>56</td> <td>57</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		7-25	8-1						56	57					
7-25	8-1																	
56	57																	
BRAKE CYL. SIZE - 2, 1 1/2" X T" OVER AXLE		ELECTRIC CONN. - 6 PIN FRUEHAUF	DR.	TR.	CH.	GROUP NO.	SHEET NO.											
MAIN CHASSIS RAILS - 16" X 3 1/2" X 7/16" CHANNEL			L.P.H.	L.P.M.		18	6											
OUTER CHASSIS RAILS - 7", 9.8" CHANNEL																		
STAKE POCKETS - 2" X 4" ON 24" CTRS.																		





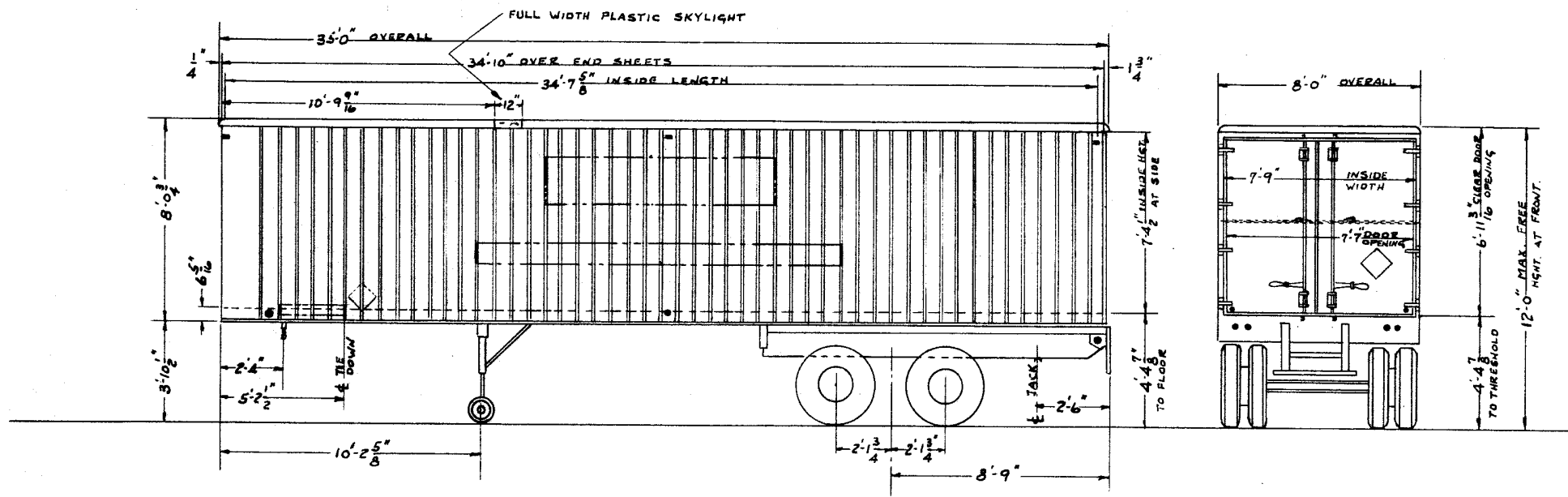
BUILT BY - FRUEHAUF - AVON LAKE, OHIO	INSULATION, ROOF - NONE	NETTING PANELS - NKP	VAN	T210-T234	
YEAR BUILT - 1956	INSULATION, SIDE - NONE	PAINT - DULUX BLUE - DUPONT CODE F 51464	No's.		
TYPE - VOLUME VAN - FRAMELESS	INSULATION, FLOOR - NONE		HIGHWAY TRAILER		
MODEL - FDVVR - 5532			<b>NKP</b>		
CAPACITY, CU. FT. - 1747	FLOOR - COMPOSITE, WOOD & STEEL - 1 7/8" THICK	AXLES, NO. - 2			MECHANICAL DEPARTMENT
MAXIMUM PAY LOAD - 38,000 LBS.	UNDERCONSTRUCTION - HEAVY DUTY TARDEN RUBBER RIDE SPRINGS	AXLES TYPE - "I" BEAM	CLEVELAND, OHIO AUG. 1, 1956		
AVERAGE LT. WT. - 11,600 LBS.	FRONT END - 10" RADIUS	AXLES CAPACITY, EACH - 20,000 LBS.	REVISIONS		
MAX. GROSS - 50,000 LBS.	DOLLY RIGGING - 2 SPEED CRANK - VERTICAL SUPPORT	TIRES, NO - 8	DR.	TR.	CH
BRAKE TYPE - AIR	REAR DOOR - DOUBLE, FULL LENGTH, DOUBLE CAM LOCKS	TIRE SIZE - 9'00 X 20	EFc	EFc	KSI
BRAKE CYL. SIZE - 2, 1 1/2" X 7" OVER AXLE	DOOR CHAINS WITH DOUBLE HOOKS	TIRE PLY - 10	18	7	
	TIE DOWN BRACKETS - NKP STANDARD - SIDE & END	LIGHTS - I.C.C. STANDARD & TURN SIGNALS			
SIDE CONSTRUCTION - 20 GA. H.K. CORRUGATED STEEL	REAR BUMPER - STANDARD DOCK & I.C.C. STANDARD	VOLTAGE - DUAL 6/8/2 - PLUG - LEVIN ATA			
INSIDE LINING - 36" X 22 GA. H.T. STEEL	MUD FLAPS - WITH	WHEELS - DAYTON			
ROOF - 26 GA. GALVANNEAL STEEL					

EACH TRAILER EQUIPPED WITH ONE FULL LENGTH TARPULIN



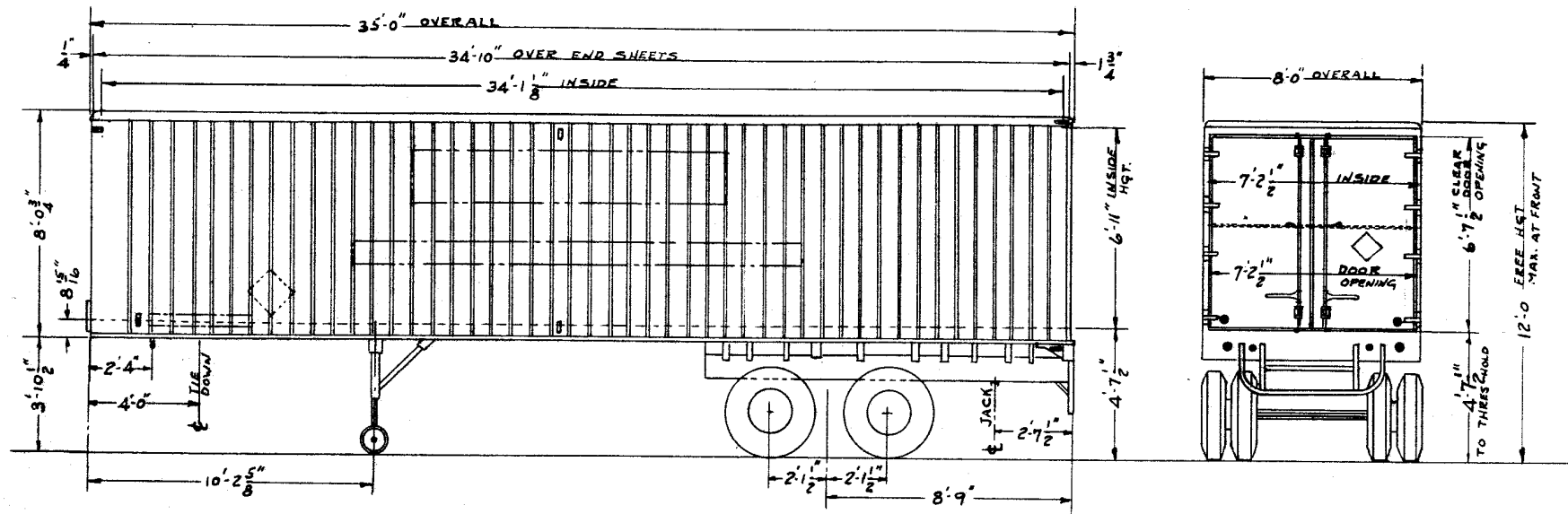
BUILT BY - HIGHWAY TRAILER CO.	FLOOR - 2" T. & G. HARDWOOD	AXLES NO. - 2
YEAR BUILT - 1957	UNDER CONSTRUCTION - HEAVY DUTY TANDEM	AXLES TYPE - "I" BEAM
TYPE - FLAT BED	FRONT END 48" STEEL BULKHEAD	AXLES CAPACITY, EACH - 21000 LBS.
MODEL - TH 33 SCP	DOLLY RIGGING - 2 SPEED CRANK VERTICAL SUPPORT	TIRES NO. - 8
CAPACITY - 970 CU FT	TIE DOWN BRACKETS - NKP & DL&W HOOKS	TIRE SIZE - 9.00 X 20
MAXIMUM PAY LOAD - 39750 LBS.	REAR BUMPER - STD. DOCK & I.C.C.	TIRE PLY - 10
AVERAGE LT. WT. - 12250 LBS.	MUD FLAPS - CONTOUR	LIGHTS - I.C.C. & N.Y. STAND, & TURN SIGNALS
MAX. GROSS - 52000 LBS.	PAIN - DULUX BLUE CODE #51464	VOLTAGE - DUAL 6 & 12
BRAKE TYPE - AIR		WHEELS - CAST STEEL
BRAKE CYL. SIZE - 2, 16 1/2" X 7" OVER AXLE		ELECTRIC CONNECTION - 2-6 PIN ; 2-7 PIN
MAIN CHASSIS RAILS - 10" X 3" X 3/16" PRESSED		
OUTER CHASSIS RAILS - 8" CHANNEL		
STAKE POCKETS 2" X 4" ON 24" CTRS.		
MAIN & OUTER RAILS HAVE 1/2" TRUSS BARS WITH ADJUSTABLE TENSIONER		FLOOR BULL RING - 8 SLIDING TYPE

FLAT BED	T-610 TO T-614
FLAT BED	T-600 TO T-609
NO. 3	
HIGHWAY TRAILER	
<b>NKP</b>	
MECHANICAL DEPARTMENT	
CLEVELAND, OHIO	MARCH 13, 1958
REVISIONS	
9-22	
59	
DR.	TR. CH. GROUP NO. SHEET NO.
E <sub>FC</sub>	E <sub>FC</sub> O <sub>45</sub> 18 8



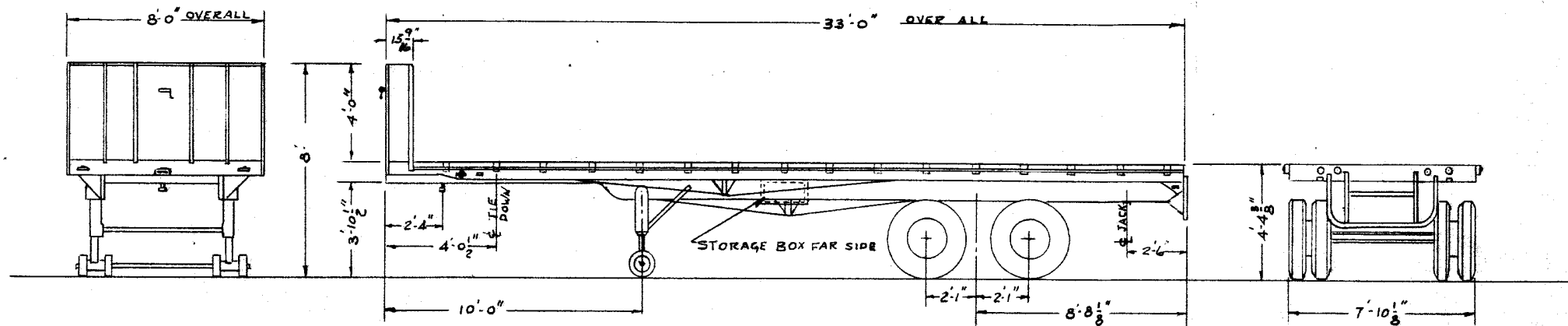
1980 20 F.

BUILT BY - FRUEHAUF - AVON LAKE, OHIO	INSULATION, ROOF - NONE	LETTERING PANELS - NKP	VAN	T-235 to T-249																				
YEAR BUILT - 1957-1958	INSULATION, SIDE - NONE	PAINT - DULUX BLUE - DUPONT CODE #51464																						
TYPE - VOLUME VAN - FRAMELESS	INSULATION, FLOOR - NONE	PLACARD BOARDS - FRONT, BACK & BOTH SIDES	NO'S.																					
MODEL - F0VRR 5535	FLOOR - COMPOSITE, WOOD & STEEL - 1 3/8" THICK		HIGHWAY TRAILER																					
MAXIMUM PAY LOAD - 36 500 LBS.	UNDER CONSTRUCTION - HEAVY DUTY TANDEM RUBBER RIDE SPRINGS	AXLES, NO. - 2	" N K P																					
AVERAGE LT. WT. - 11500 LBS.	FRONT END - 10" CORNER RADIUS	AXLES TYPE - "I" BEAM																						
MAX. GROSS - 50,000 LBS.	DOLLY RIGGING - 2 SPEED CRANK - VERTICAL SUPPORT	AXLES CAPACITY, EACH - 20,000 LBS.	MECHANICAL DEPARTMENT																					
BRAKE TYPE - AIR	REAR DOOR - DOUBLE PLYMETAL, DOUBLE CAM LOCKS	TIRES, NO. - 8																						
BRAKE CYL. SIZE - 2, 1 1/2" x 7" OVER AXLE	REAR DOOR HINGES - 4 EACH DOOR	TIRE SIZE - 9:00 x 20	CLEVELAND, OHIO      MARCH 14, 1958																					
	CURB SIDE DOOR - NONE	TIRE PLY - 10																						
	DOOR CHAINS WITH DOUBLE HOOKS	LIGHTS I.C.C. & N.Y. STANDARD & TURN SIGNALS	REVISIONS																					
SIDE CONSTRUCTION - 22 GA. H.R. CORRUGATED STEEL	DOOR PROTECTOR BARS - 2	VOLTAGE - DUAL 6 & 12 - PLUGS - 4; 2-6 PIN & 2-7 PIN																						
INSIDE LINING - 36" x 18 GA. H.T. STEEL	TIE DOWN BRACKETS - NKP STANDARD - SIDE & END	WHEELS - DAYTON	<table border="1"> <tr> <td>DR.</td> <td>TR.</td> <td>CH.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>EF<sub>C</sub></td> <td>EF<sub>C</sub></td> <td>OH<sub>S</sub></td> <td>18</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>9</td> </tr> </table>		DR.	TR.	CH.								EF <sub>C</sub>	EF <sub>C</sub>	OH <sub>S</sub>	18						9
DR.	TR.	CH.																						
EF <sub>C</sub>	EF <sub>C</sub>	OH <sub>S</sub>	18						9															
ROOF - 26 GA. PAINT GRIP STEEL - 18" BOW CENTERS	REAR BUMPER - STANDARD DOCK & I.C.C. STANDARD	FLOOR BULL RING - 12																						
	MUD FLAPS - CONTOUR																							

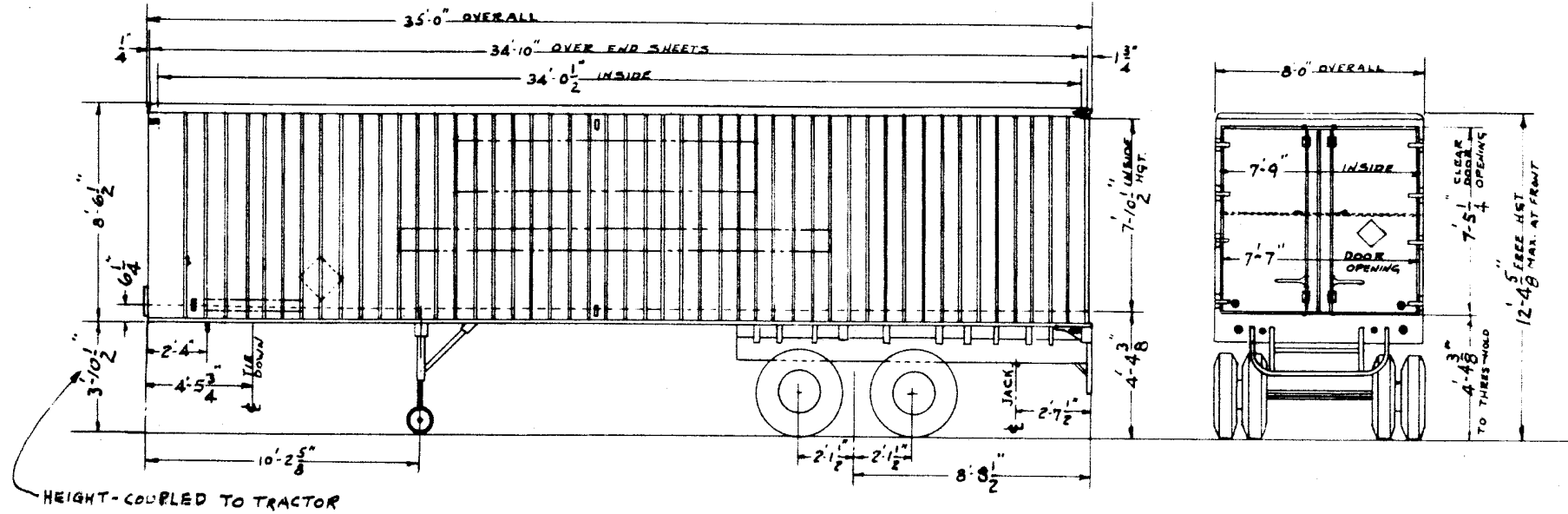


BUILT BY - FRUEHAUF - AVON LAKE, OHIO	INSULATION - ROOF - 4" ULTRALITE	MUD FLAPS - CONTOUR	VAN TYPE INSULATED	T-905 TO T-909
YEAR BUILT - 1958	INSULATION - SIDES - 3" ULTRALITE	LETTERING PANELS - NKP STANDARD	HIGHWAY TRAILER	
TYPE - VAN - FRAMELESS	INSULATION - FLOOR - 2" ULTRALITE	PAINT - DULUX BLUE, DUPONT CODE #51464	<b>NKP</b>	
MODEL - FDVVR-P2-5535	FLOOR - 2" T.&G. HARD WOOD	AXLES NO. - 2		
CAPACITY, CU. FT. 1685	UNDER CONSTRUCTION - HEAVY DUTY TANDEM TYPE P-2	AXLES TYPE - "I" BEAM	CLEVELAND, OHIO MARCH 21, 1958	
MAX PAY LOAD - 36550 LBS.	FRONT END - 10" CORNER RADIUS	AXLES CAPACITY, EACH - 20,000 LBS.	REVISIONS	
AVERAGE LIGHT WT. - 13450 LBS.	DOLLY RIGGING - 2 SPEED CRANK - VERTICAL SUPPORT	TIRES NO. - 8	DR.	TR.
MAX GROSS - 50000 LBS.	REAR DOOR - DOUBLE - PLYMETAL - DOUBLE CAM LOCKS	TIRE SIZE - 9:00 X 20	CH.	GROUP NO.
BRAKE TYPE - AIR	REAR DOOR HINGES - 4 - EACH DOOR	TIRE PLY - 10	EF <sub>c</sub>	EF <sub>c</sub>
BRAKE CYL. SIZE - (2) 16 1/2" X 7" OVER AXLE	CURB SIDE DOORS - NONE	LIGHTS - I.C.C. & N.Y. STANDARD & TURN SIGNALS	045	18
SIDE CONSTRUCTION 22 GA. H.R. CORRUGATED STEEL	DOOR CHAINS WITH DOUBLE HOOKS	VOLTAGE DUAL 6 & 12 PLUG - 4; 2-6 PIN, 2-7 PIN		
INSIDE LINING - 1/4" PLYWOOD - SIDES, ROOF, ENDS	DOOR PROTECTOR BARS - 2	WHEELS - DAYTON		
ROOF - 26 GA. PAINTGRIP STEEL 18" BOW CENTERS	TIE DOWN BRACKETS - NKP STANDARD	FLOOR BULL RINGS - 12		
	REAR BUMPER - STANDARD & I.C.C. STANDARD	PLACARD BOARDS - FRONT, REAR & BOTH SIDES		
				10





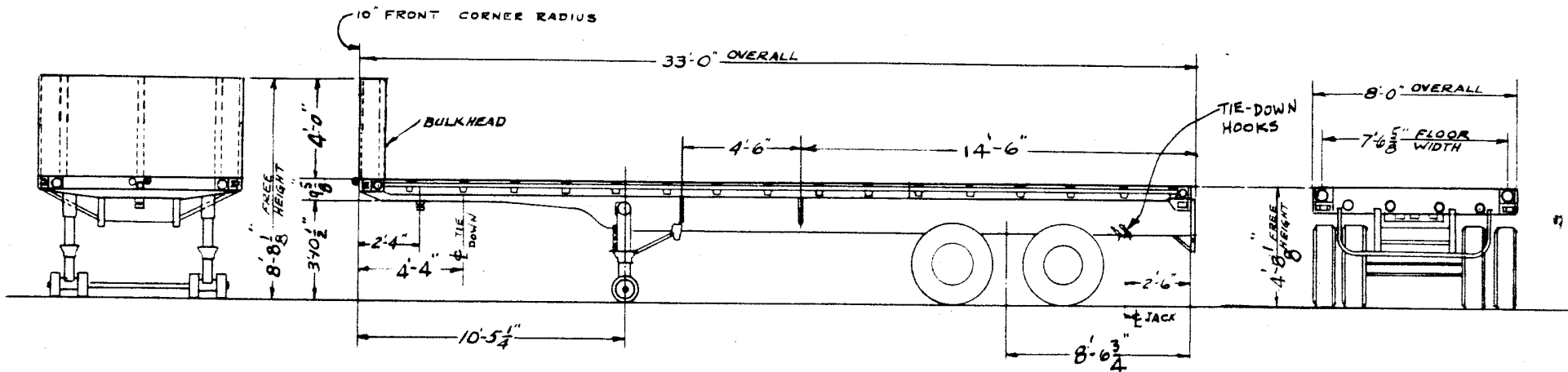
BUILT BY - HIGHWAY TRAILER CO.	FLOOR - 2" T. & G. HARDWOOD	AXLES NO. - 2	FLAT BED	T-720 to T-739			
YEAR BUILT -	UNDER CONSTRUCTION - HEAVY DUTY TANDEM	AXLES TYPE - "I" BEAM	HIGHWAY TRAILER				
TYPE - FLAT BED	FRONT END 48" STEEL BULKHEAD	AXLES CAPACITY, EACH - 21,000 LBS.	<h1 style="text-align: center;">NKP</h1> <p style="text-align: center;">MECHANICAL DEPARTMENT CLEVELAND, OHIO      SEPT. 29, 1964</p>				
MODEL - TH 33 SCP	DOLLY RIGGING - 2 SPEED CRANK VERTICAL SUPPORT	TIRES NO. - 8					
CAPACITY -	TIE DOWN BRACKETS - NKP & DLBW HOOKS	TIRE SIZE - 9.00 x 20					
MAXIMUM PAY LOAD - 40,980 LBS.	REAR BUMPER - STD. DOCK & I. C. C.	TIRE PLY - 10					
AVERAGE LT. WT. 11,020 LBS.	MUD FLAPS - CONTOUR	LIGHTS - I. C. C. & N.Y. STAN. & TURN SIGNALS					
MAX. GROSS - 52,000 LBS.	PAIN - DULUX BLUE CODE # 51464	VOLTAGE - DUAL 6 & 12					
BRAKE TYPE - AIR		WHEELS - CAST STEEL					
BRAKE CYL. SIZE - 2, 1 1/8" x 7" OVER AXLE		ELECTRIC CONNECTION - 2-6 PIN; 2-7 PIN					
MAIN CHASSIS RAILS - 10" x 3" x 5/16" PRESSED							
OUTER CHASSIS RAILS - 8" CHANNEL							
STAKE POCKETS 2" x 4" ON 24" CTRS.		FLOOR BULL RING - 8" SLIDING TYPE	DR.	TR.	CH.	GROUP NO.	SHEET NO.
MAIN & OUTER RAILS HAVE 1/2" TRUSS BARS WITH ADJUSTABLE TENSIONER			E <sub>FC</sub>	E <sub>FC</sub>		18	12



TRAILER SIDES EQUIPPED WITH T.S.C. LOADING STRAP ANCHORS

BUILT BY - FRUEHAUF - AVON LAKE, OHIO	INSULATION - ROOF - NONE	MUD FLAPS - CONTOUR	VAN TYPE	T250-T279
YEAR BUILT - 1959	INSULATION - SIDES - NONE	LETTERING PANELS - NKP STANDARD	HIGHWAY TRAILER	
TYPE - VAN - FRAMELESS	INSULATION - FLOOR - NONE	PAINT - DULUX BLUE, DUPONT CODE #51464	<b>NKP</b>	
MODEL - FDVVP2-5535	FLOOR - 1 3/8" COMPOSITE	AXLES NO. - 2		
CAPACITY, CU. FT. - 2120	UNDER CONSTRUCTION - HEAVY DUTY TANDEM TYPE P-2	AXLES TYPE - "I" BEAM	CLEVELAND, OHIO	
MAX PAY LOAD - 37600	FRONT END - 10" CORNER RADIUS	AXLES CAPACITY, EACH - 20,000 LBS.	REVISIONS	
AVERAGE LIGHT WT. - 12520 LBS.	DOLLY RIGGING - 2 SPEED CRANK - VERTICAL SUPPORT	TIRES NO. - 8	A	
MAX GROSS - 50000 LBS.	REAR DOOR - DOUBLE - PLYMETAL - DOUBLE CAM LOCKS	TIRE SIZE - 9:00 X 20	DR.	TR.
BRAKE TYPE - AIR	REAR DOOR HINGES - 4 EACH DOOR	TIRE PLY - 10	CH.	GROUP NO.
BRAKE CYL. SIZE - (2) 16 1/2" X 7" OVER AXLE	CURB SIDE DOORS - NONE	LIGHTS - I.C.C. & N.Y. STANDARD & TURN SIGNALS		SHEET NO.
SIDE CONSTRUCTION - 20 GA. H.R. CORRUGATED STEEL	DOOR CHAINS WITH DOUBLE HOOKS	VOLTAGE DUAL 6 & 12 PLUG - 4; 2-6 PIN, 2-7 PIN		
INSIDE LINING - 20 GA. SHEAR PLATE - 36" HIGH	DOOR PROTECTOR BARS - 2	WHEELS - DAYTON		
ROOF - 26 GA. PAINTGRIP STEEL 18" BOW CENTERS	TIE DOWN BRACKETS - NKP STANDARD	FLOOR BULL RINGS - 12		
	REAR BUMPER - STANDARD & I.C.C. STANDARD	PLACARD BOARDS - FRONT, REAR & BOTH SIDES		
			SS	SS
				18
				13

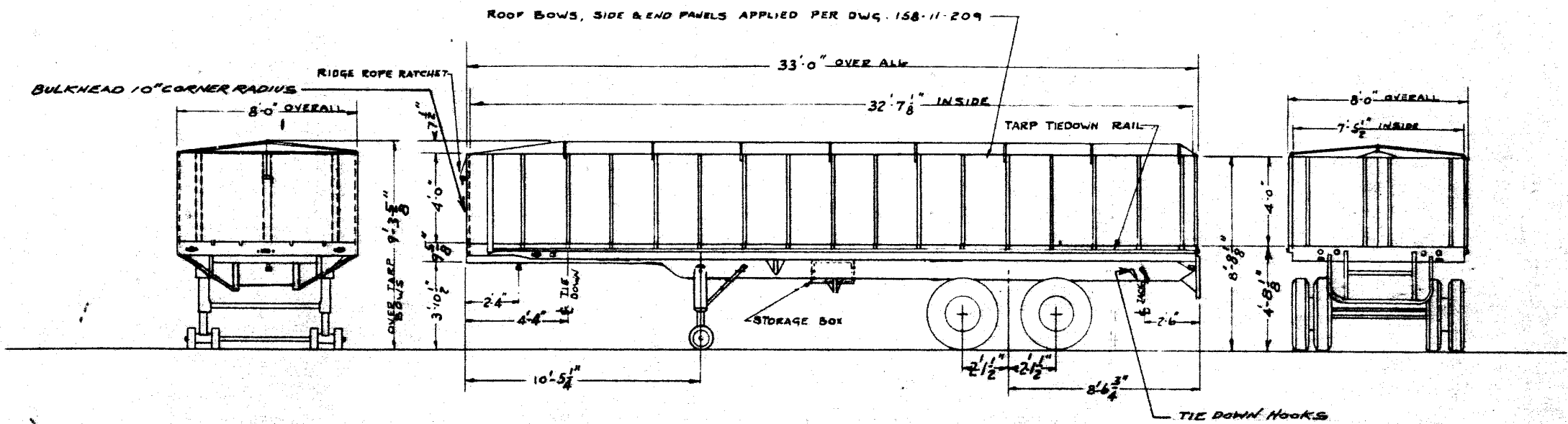
EACH TRAILER EQUIPPED WITH TWO TARPULINS AND 4 SETS OF CHAINS AND BINDERS.



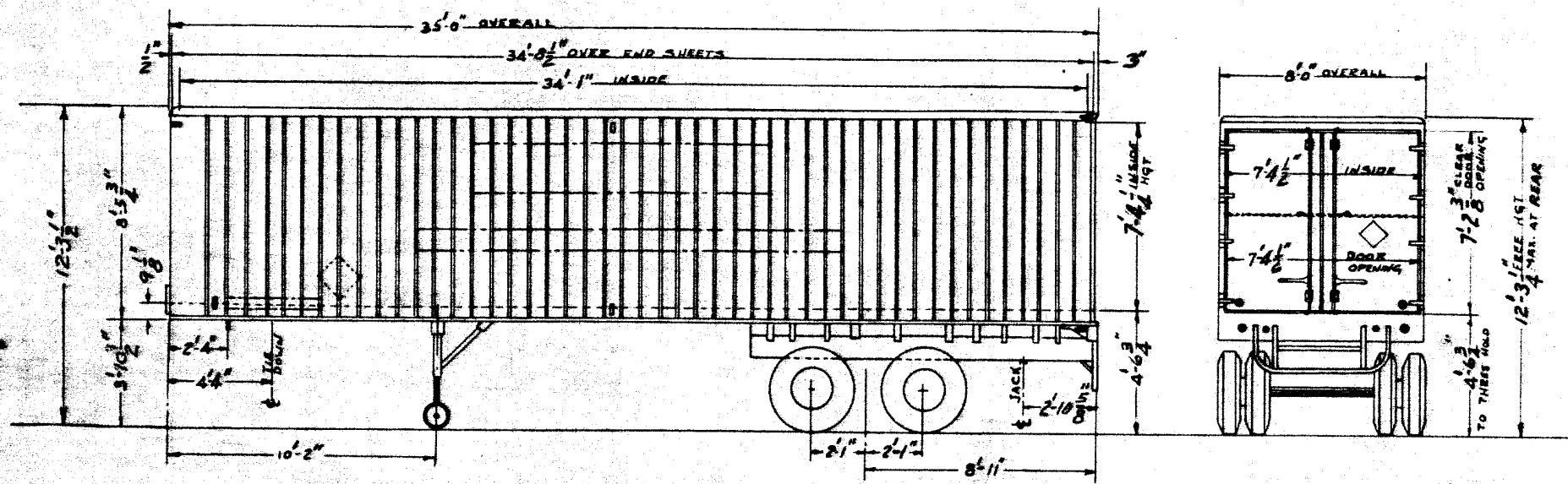
BUILT BY - FRUEHAUF	FLOOR - 2" T&G OAK	AXLES NO. - 2	FLAT BED	T745 - T779			
YEAR BUILT - 1959	UNDERCONSTRUCTION - (HEAVY DUTY TANDEM RUBBER RIDE SPRINGS)	AXLES TYPE - I BEAM	No's				
TYPE - FLAT BED	FRONT END - 48" STEEL BULKHEAD	AXLES CAPACITY, EACH - 20,000 LBS.	HIGHWAY TRAILER				
MODEL - SPMS 2 5533	DOLLY RIGGING - 2 SPEED CRANK VERTICAL SUPPT.	TIRES NO. - 8	<b>NKP</b>				
CAPACITY -	TIE DOWN BRACKETS - NKP AND DL & W	TIRE SIZE - 9.00 X 20					
MAXIMUM PAY LOAD - 37300 LBS.	REAR BUMPER - STD. DOCK & I.C.C.	TIRE PLY - 10	MECHANICAL DEPARTMENT				
AVERAGE LT. WT. - 10700	MUD FLAPS - WITH	LIGHTS - I.C.C. STD. & TURN SIGNAL, & N.Y.					
MAX. GROSS - 48000 LBS	PAINT - DULUX BLUE CODE # 51464	VOLTAGE - DUAL 6 AND 12	CLEVELAND, OHIO				
BRAKE, TYPE - AIR		WHEELS - DAYTON					
BRAKE CYL. SIZE - 2, 1 1/2" X 7" OVER AXLE		ELECTRIC CONN. - 6 & 7 POLE RECEPTACLES 2 EACH	REVISIONS				
MAIN CHASSIS RAILS - 19 5/8" X 6" I-BEAM			DR.	TR.	CH.	GROUP NO.	SHEET NO.
OUTER CHASSIS RAILS - 7", 98# CHANNEL			SS		SS	18	14
STAKE POCKETS - 2 X 4" ON 24" CTRS.							



EACH TRAILER EQUIPPED WITH ONE FULL LENGTH TARPULIN

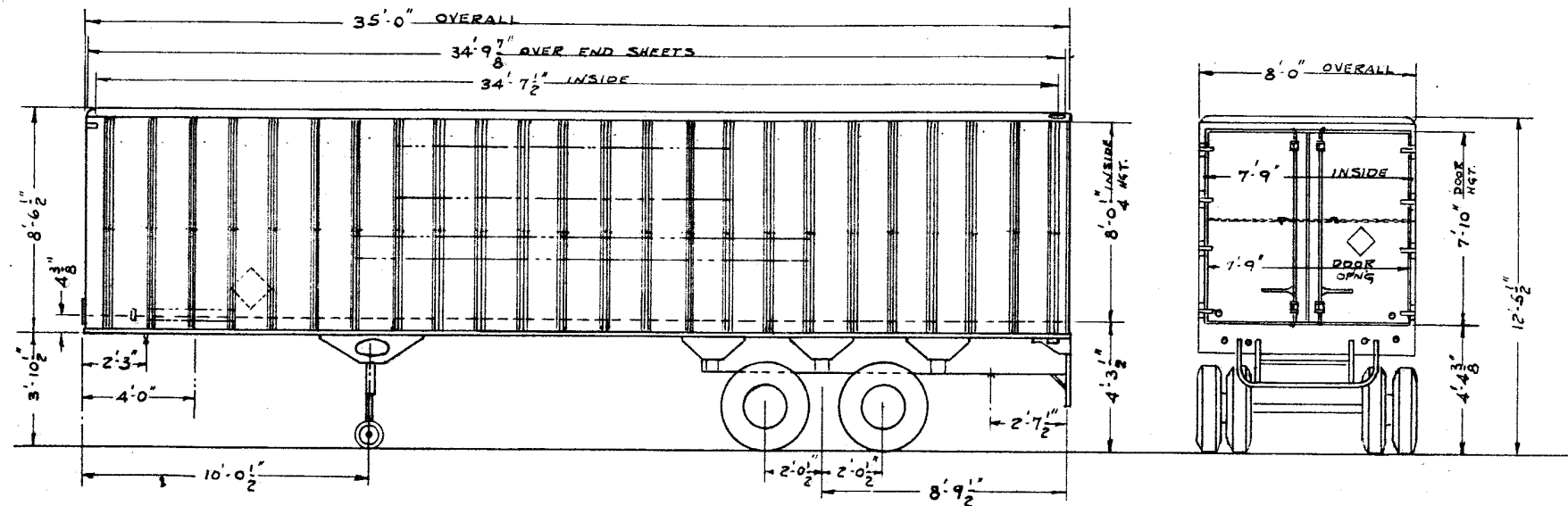


BUILT BY - FRUEHAUF	FLOOR - 2" T & G. OAK	AXLES NO. - 2	FLAT BED	T-615 TO T-629			
YEAR BUILT - 1959	UNDER CONSTRUCTION - HEAVY DUTY TANDEM	AXLES TYPE - "I" BEAM					
TYPE - FLAT BED - WITH REMOVABLE SIDE & END PANELS	FRONT END 48" STEEL BULKHEAD	AXLES CAPACITY, EACH - 20,000 LBS.	NO. 3.				
MODEL - 5 PMS 25533	DOLLY RIGGING - 2 SPEED CRANK VERTICAL SUPPORT	TIRES NO. - 8	HIGHWAY TRAILER				
CAPACITY - 770 CU. FT.	TIE DOWN BRACKETS - NKP & DL&W HOOKS	TIRE SIZE - 9.00 X 20	<h1 style="text-align: center;">NKP</h1>				
MAXIMUM PAY LOAD - 35,250	REAR BUMPER - STD. DOCK & I.C.C.	TIRE PLY - 10					
AVERAGE LT. WT. - 12,150	MUD FLAPS - WITH	LIGHTS - I.C.C. & N.Y. STAND, & TURN SIGNALS N.Y.	MECHANICAL DEPARTMENT CLEVELAND, OHIO      MARCH 13, 1959				
MAX. GROSS - 48,000	PAINT - DULUX BLUE CODE #51464	VOLTAGE - DUAL 6 & 12					
BRAKE TYPE - AIR		WHEELS - DAYTON	REVISIONS				
BRAKE CYL. SIZE - 2, 1 1/2" X 7" OVER AXLE		ELECTRIC CONNECTION - 2-6 PIN; 2-7 PIN					
MAIN CHASSIS RAILS - 17 3/8" X 6" I BEAM			DR.	TR.	CH.	GROUP NO.	SHEET NO.
OUTER CHASSIS RAILS - 7" - 9.8 LB. CHANNEL		FLOOR BULL RING - 8 SLIDING TYPE	-	-	dl.	18	15
STAKE POCKETS 2" X 4" ON 24" CTES.							



BUILT BY HIGHWAY TRAILER CO.	INSULATION - ROOF - 4" ULTRALITE	MUD FLAPS - CONTOUR
YEAR BUILT - 1957	INSULATION - SIDES - 3" ULTRALITE	LETTERING PANELS - NKP STANDARD
TYPE - VAN - FRAMELESS	INSULATION - FLOOR - 2" ULTRALITE	PAINT - DULUX BLUE, DUPONT CODE #S1464
MODEL - 13 FREIGHT MASTER	FLOOR - 2" T. & G. HARD WOOD	AXLES NO. - 2
CAPACITY - CU. FT. 1790	UNDER CONSTRUCTION - HEAVY DUTY TANDEM	AXLES TYPE - 5" DIA. RD.
MAX PAY LOAD - 3660 LBS.	FRONT END - 10" CORNER RADIUS	AXLES CAPACITY, EACH - 20,000 LBS.
AVERAGE LIGHT WT. - 13540 LBS.	DOLLY RIGGING - 2 SPEED CRANK - VERTICAL SUPPORT	TIRES NO. - 8
MAX GROSS - 50000 LBS.	REAR DOOR - DOUBLE - PLYMETAL - DOUBLE CAM LOCKS	TIRE SIZE - 9:00 X 20
BRAKE TYPE - AIR	REAR DOOR HINGES - 4 - EACH DOOR	TIRE PLY - 10
BRAKE CYL. SIZE - (2) 1 1/2" X 7" OVER AXLE	CURTAIN SIDE DOORS - NONE	LIGHTS - I.C.C. & N.Y. STANDARD & TURN SIGNALS
SIDE CONSTRUCTION 22 GA. H.R. CORRUGATED STEEL	DOOR CHAINS WITH DOUBLE HOOKS	VOLTAGE DUAL 6 & 12 PLUG - 4; 2-6 PIN, 2-7 PIN
INSIDE LINING - 1/2" PLYWOOD - SIDES, ROOF, ENDS	DOOR PROTECTOR BARS - 2	WHEELS - DAYTON
ROOF - 26 GALV. STEEL 24" BOW CENTERS	TIE DOWN BRACKETS - NKP STANDARD	FLOOR BULL RINGS - 12
	REAR BUMPER - STANDARD & I.C.C. STANDARD	PLACARD BOARDS - FRONT, REAR & BOTH SIDES

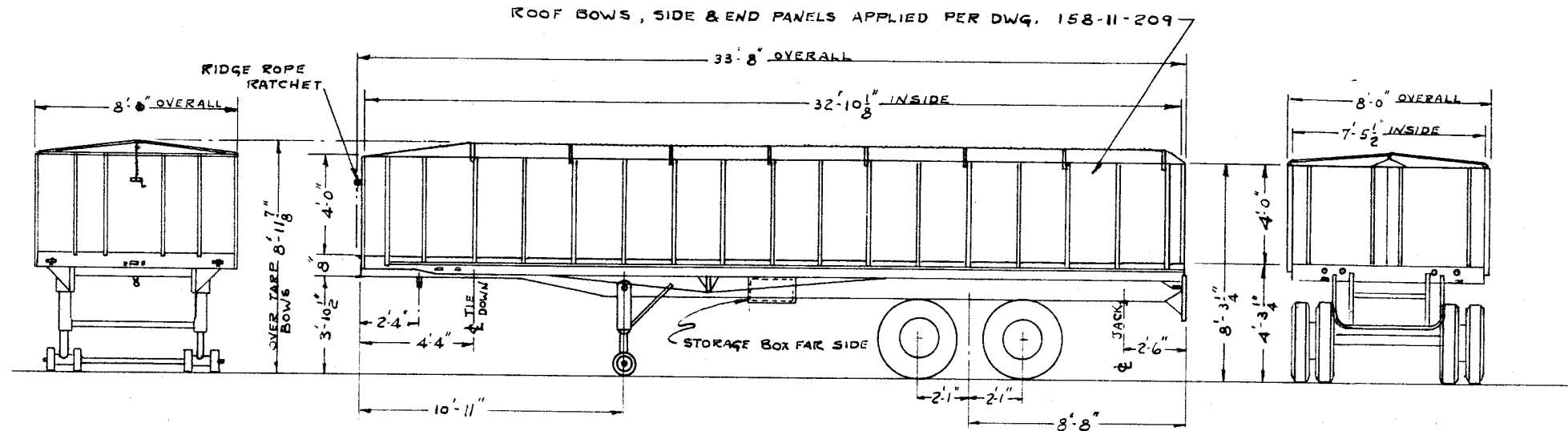
VAN TYPE INSULATED	T-910 TO T-919
HIGHWAY TRAILER	
<b>NKP</b>	
MECHANICAL DEPARTMENT	
CLEVELAND, OHIO	
REVISIONS	
A	
DR.	TR. CH. GROUP NO. SHEET NO.
-	- 18 16



TRAILER SIDES EQUIPPED WITH Y.S.C. LADING STRAP ANCHORS

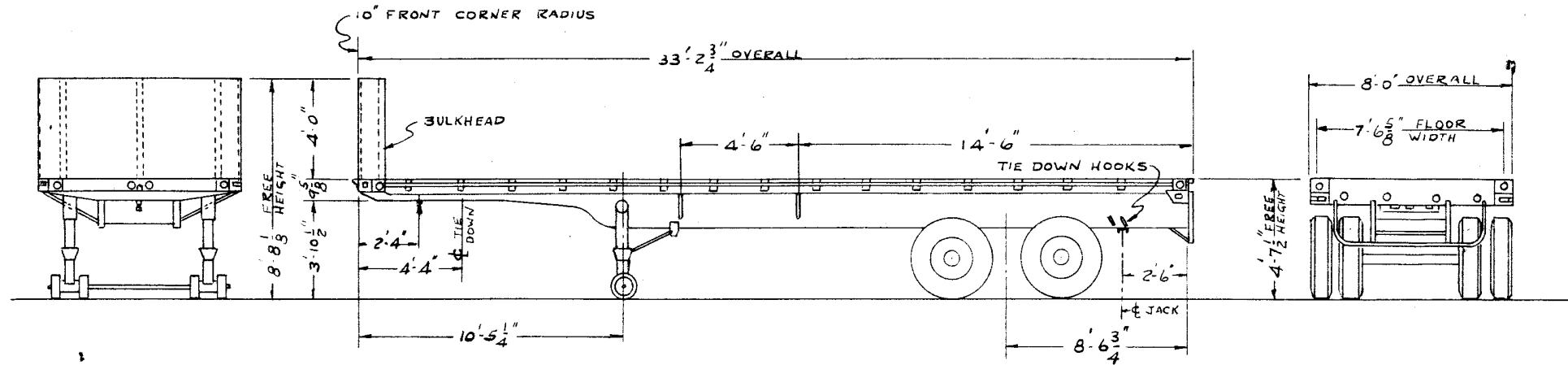
BUILT BY - FRUEHAUF - AVON LAKE, OHIO	INSULATION - ROOF, NONE	MUD FLAPS - STEEL CONTOUR WITH RUBBER FLAPS	CLOSED VAN	T-280 TO T-319
YEAR BUILT - 1960	INSULATION - SIDES, NONE	LETTERING PANELS - NKP STANDARD		
TYPE - VAN	INSULATION - FLOOR, NONE	PAINT - DULUX BLUE, DUPONT CODE #51464	HIGHWAY TRAILER	
MODEL VJ6 32-35	FLOOR - 1 3/8" COMPOSITE	AXLES No. 2	<b>NKP</b>	
CAPACITY - CU. FT. 2152	UNDERCONSTRUCTION - HEAVY DUTY TANDEM	AXLE TYPE - 5" DIA. TUBULAR WITH 3 1/2" SPINDLE		
MAXIMUM PAY LOAD 37,500 LBS	FRONT END - 20 GA. C.R. STEEL, 12 GA. STEEL CORNER POSTS	AXLE CAPACITY, EACH - 20,000 LBS	MECHANICAL DEPARTMENT	
AVERAGE LT. WT. 12,500 LBS.	DOLLY RIGGING - 2 SPEED CRANK - VERTICAL SUPPORT	TIRES No. - 8	CLEVELAND, OHIO	
MAXIMUM GROSS - 50,000 LBS.	REAR DOOR - DOUBLE PLYMETAL - DOUBLE CAM LOCKS	TIRE SIZE - 9'00 X 20"	JULY 12, 1960	
BRAKE TYPE - AIR	REAR DOOR HINGES - 4 EACH DOOR	TIRE PLY - 10	REVISIONS	
BRAKE CYLINDER SIZE - 16 1/2" X 7" OVER AXLE	CURB SIDE DOORS - NONE	LIGHTS - I.C.C. & N.Y. STANDARD & TURN SIGNALS		
	DOOR CHAINS WITH DOUBLE HOOKS	VOLTAGE - DUAL 6 & 12, 1-PLUG EACH 6 PIN, 7 PIN		
SIDE CONSTRUCTION - 18 GA. C.R. STEEL SIDE PANELS, 12 GA. HAT SEC. POSTS - 18" CENTERS	DOOR PROTECTOR BARS - 2	WHEELS - CAST STEEL	DR.	TR.
INSIDE LINING - 1/4" PLYWOOD	TIE DOWN BRACKETS - NKP STANDARD	FLOOR BULL RINGS - 12	EFC	EFC
ROOF - .032 ALUMINUM; 16 GA. HT. STEEL BOWS ON 18" CENTERS	REAR BUMPER - STANDARD & I.C.C. STANDARD	PLACARD BOARDS - FRONT, REAR & BOTH SIDES	CH.	OH.S
			GROUP NO.	SHEET NO.
			18	17

EACH TRAILER EQUIPPED WITH ONE FULL LENGTH TARPULIN  
DWG. 171-2-661



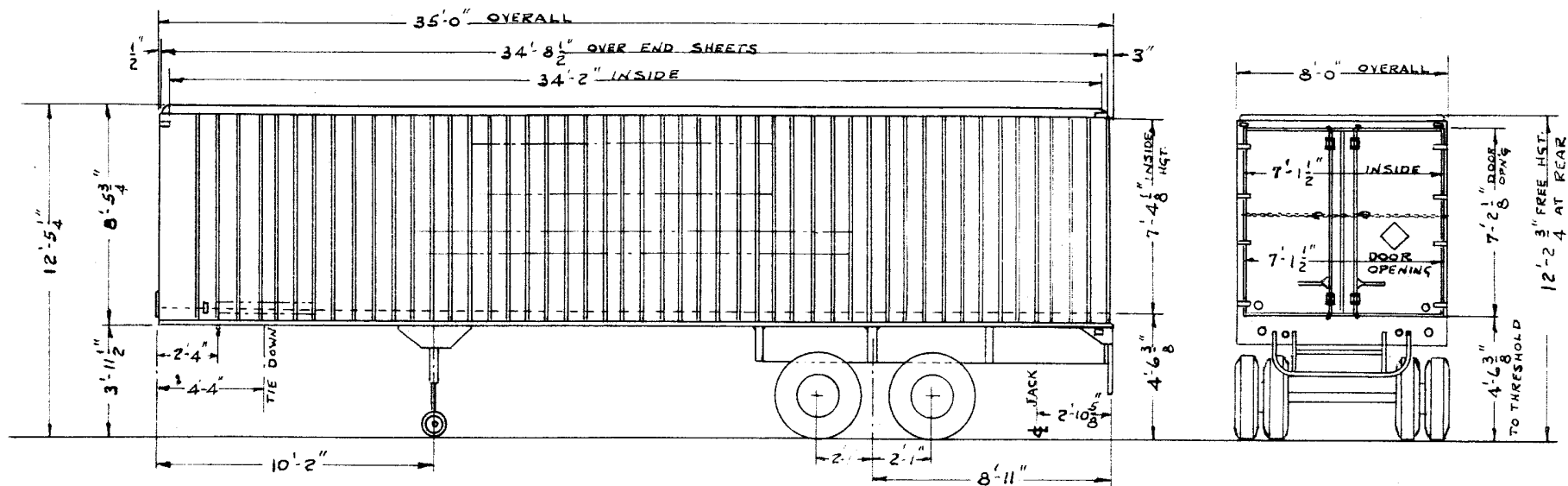
BUILT BY - HIGHWAY TRAILER CO.	FLOOR - 2" T. & G. TREATED OAK	AXLES NO. - 2	FLAT BED	T-630toT-659										
YEAR BUILT - 1960	UNDERCONSTRUCTION - HEAVY DUTY TANDEM	AXLES TYPE - 5" DIA. TUBULAR WITH 3 1/2" SPINDLE												
TYPE - FLAT BED	FRONT END - 48" STEEL BULKHEAD	AXLES CAPACITY - EACH 20,000 LBS.	HIGHWAY TRAILERS											
MODEL - 7L 33'-8" CPH	DOLLY RIGGING - 2 SPEED CRANK VERTICAL SUPPORT	TIRES NO. - 8	<h1 style="text-align: center;">NKP</h1> MECHANICAL DEPARTMENT											
CAPACITY - CU. FT. - 980 LEVEL FULL	TIE DOWN BRACKETS - NKP STANDARD	TIRE SIZE - 9:00 X 20												
MAXIMUM PAY LOAD - 39,300 LBS	REAR BUMPER - STANDARD DOCK & I.C.C.	TIRE PLY - 10	CLEVELAND, OHIO      JULY 13, 1960											
AVERAGE LT. WT. 10,700 LBS.	MUD FLAPS - STEEL CONTOUR WITH RUBBER FLAPS	LIGHTS - I.C.C. & N.Y. STAND. & TURN SIGNALS												
MAX. GROSS 50,000 LBS.	PAINT - DULUX BLUE DUPONT CODE #51464	VOLTAGE - DUAL 6 & 12	REVISIONS											
BRAKE TYPE - AIR		WHEELS - CAST STEEL												
BRAKE CYLINDER SIZE - 2 - 16 1/2" X 7" OVER AXLE		ELECTRIC CONNECTION - 1-6 PIN & 1-7 PIN	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DR.</td> <td>TR.</td> <td>CH.</td> <td>GROUP NO.</td> <td>SHEET NO.</td> </tr> <tr> <td>E<sub>C</sub></td> <td>E<sub>C</sub></td> <td>OK</td> <td>18</td> <td>18</td> </tr> </table>		DR.	TR.	CH.	GROUP NO.	SHEET NO.	E <sub>C</sub>	E <sub>C</sub>	OK	18	18
DR.	TR.	CH.			GROUP NO.	SHEET NO.								
E <sub>C</sub>	E <sub>C</sub>	OK	18	18										
MAIN CHASSIS RAILS -		FLOOR BULL RING - 8 SLIDING TYPE												
OUTER CHASSIS RAILS -														
STAKE POCKETS - 2" X 4" ON 24" CENTERS														
OUTER RAILS HAVE 1/2" TRUSS BARS WITH TENSIONER														

EACH TRAILER EQUIPPED WITH TWO TARPULINS AND 4 SETS OF CHAINS & BINDERS.

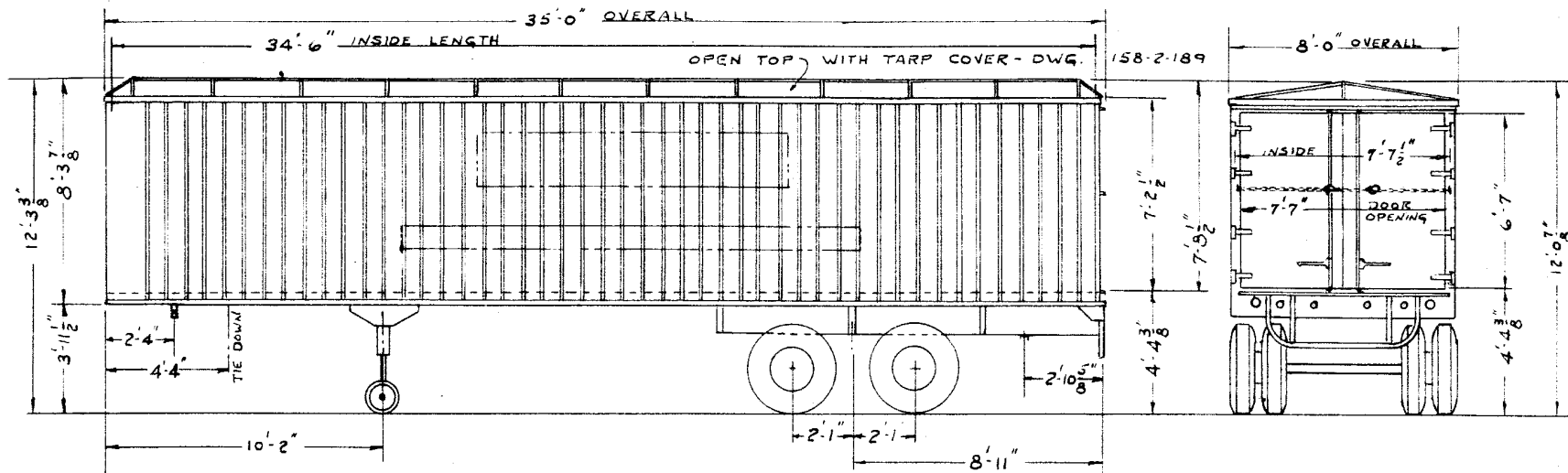


T-710 T-719  
T-740 T-744  
T-780 T-799

BUILT BY - FRUEHAUF	FLOOR - 2" T & G OAK	AXLES NO. - 2	FLAT BED	T-1000 T-1004										
YEAR BUILT - 1960	UNDERCONSTRUCTION - LEAF SPRING TANDEM	AXLES TYPE - 5" DIA. TUBULAR, 3 1/2" SPINDLE	HIGHWAY TRAILER											
TYPE - FLAT BED	FRONT END - 48" STEEL BULKHEAD	AXLES CAPACITY, EACH - 20,000 LBS.												
MODEL - PB 52-33	DOLLY RIGGING - 2 SPEED CRANK VERTICAL SUPPORT	TIRES NO. - 8	<p style="text-align: center;"><b>NKP</b></p> <p style="text-align: center;">MECHANICAL DEPARTMENT</p> <p style="text-align: center;">CLEVELAND, OHIO    JULY 7, 1958</p> <p style="text-align: center;">REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DR.</td> <td>TR.</td> <td>CH</td> <td>GROUP NO.</td> <td>SHEET NO.</td> </tr> <tr> <td>EFc</td> <td>EFc</td> <td>01/5</td> <td>18</td> <td>19</td> </tr> </table>		DR.	TR.	CH	GROUP NO.	SHEET NO.	EFc	EFc	01/5	18	19
DR.	TR.	CH			GROUP NO.	SHEET NO.								
EFc	EFc	01/5			18	19								
CAPACITY CU. FT. -	TIE DOWN BRACKETS - NKP AND DL&W	TIRE SIZE - 9.00 X 20												
MAXIMUM PAY LOAD - 39,300 LBS.	REAR BUMPER - STANDARD DOCK & I.C.C.	TIRE PLY - 10												
AVERAGE LT. WT. - 10,700 LBS.	MUD FLAPS - STEEL CONTOUR WITH RUBBER FLAPS	LIGHTS - I.C.C. STD. & TURN SIGNAL, & N.Y.												
MAX. GROSS - 50,000 LBS	PAINT - DULUX BLUE, DUPONT CODE - #51464	VOLTAGE - DUAL 6 AND 12												
BRAKE TYPE - AIR		ELECTRIC CONN. - 6 & 7 POLE RECEPTACLES 1-EACH												
BRAKE CYL. SIZE - 2, 16 1/2" X 7", OVER AXLE		WHEELS - 5 SPOKE CAST STEEL												
MAIN CHASSIS RAILS - I-BEAM														
OUTER CHASSIS RAILS - CHANNEL														
STAKE POCKETS - 2" X 4" ON 24" CTRS.														



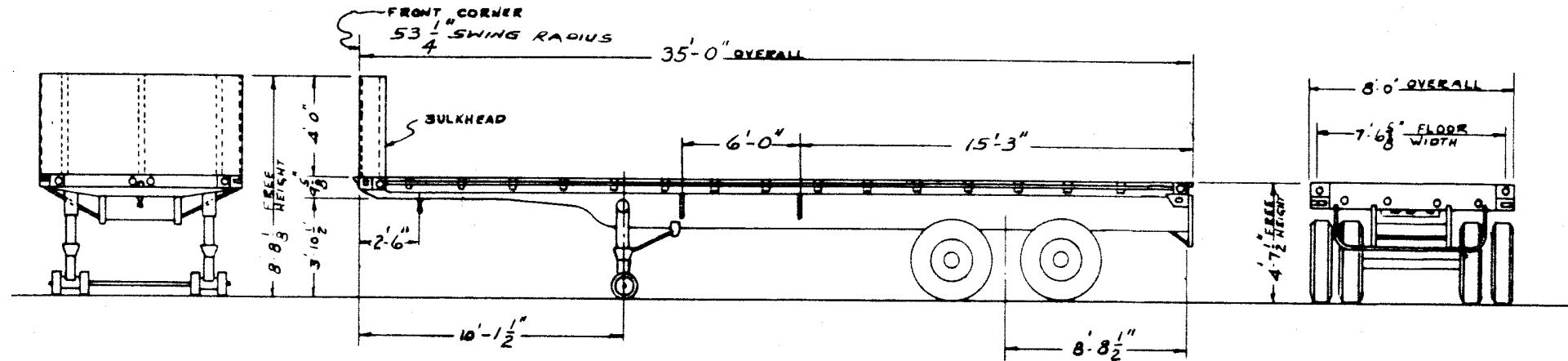
BUILT BY - HIGHWAY TRAILER CO.	INSULATION ROOF - 4" ULTRALITE	MUD FLAPS - STEEL CONTOUR WITH RUBBER FLAPS	VAN TYPE INSULATED	T-920 T-949
YEAR BUILT - 1960	INSULATION - SIDES - 3" ULTRALITE	LETTERING PANELS - NKP STANDARD		
TYPE - INSULATED VAN	INSULATION - FLOOR - 2" ULTRALITE	PAINT - DULUX BLUE, DUPONT CODE #51464	HIGHWAY TRAILER	
MODEL - 620 1353	FLOOR - 2" T & G TREATED OAK	AXLES NO. - 2	<b>NKP</b>	
CAPACITY, CU. FT. - 1834	FRONT END - 10' CORNER RADIUS	AXLES TYPE - 5" DIA. WITH 3 1/2" SPINDLE		
MAX. PAY LOAD - 35,900 LBS.	DOLLY RIGGING - 2 SPEED CRANK VERTICAL SUPPORT	AXLE CAPY. - EACH - 20,000 LBS.	MECHANICAL DEPARTMENT	
AVERAGE LT. WT. 14,100 LBS.	UNDERCONSTRUCTION - HEAVY DUTY TANDEM	TIRES NO. - 8	CLEVELAND, OHIO AUG 1, 1960	
MAX. GROSS - 50,000 LBS.	REAR DOOR - DOUBLE, PLYMETAL, DOUBLE CAM LOCKS	TIRE SIZE - 9:00 X 20	REVISIONS	
BRAKE TYPE - AIR	REAR DOOR HINGES - 4 EACH DOOR	TIRE PLY - 10	CH. TR. DR. GROUP SHEET NO.	
BRAKE CYL. SIZE (2) 16 1/2" X 7", OVER AXLE	CURB SIDE DOOR - NONE	LIGHTS - I.C.C. STANDARD & TURN SIGNALS	045 EFC EFC 18 20	
SIDE CONSTRUCTION - 22 GA. HIGH TEN. STL. CORRUGATED	DOOR CHAINS WITH DOUBLE HOOKS	VOLTAGE - DUAL, 6 & 12 VOLT; 1-6 PIN & 1-7 PIN RECTCL.		
INSIDE LINING - 1/2" PLYWOOD - SIDES CEILING, ENDS	DOOR PROTECTOR BARS - 2	WHEELS - CAST STEEL		
ROOF - 26 GA. GALVANIZED PAINT GRIP	TIE DOWN BRACKETS - NKP STANDARD			
	REAR BUMPER - STANDARD & I.C.C. STANDARD			



TRAILER SIDES EQUIPPED WITH Y.S.C. LADING STRAP ANCHORS

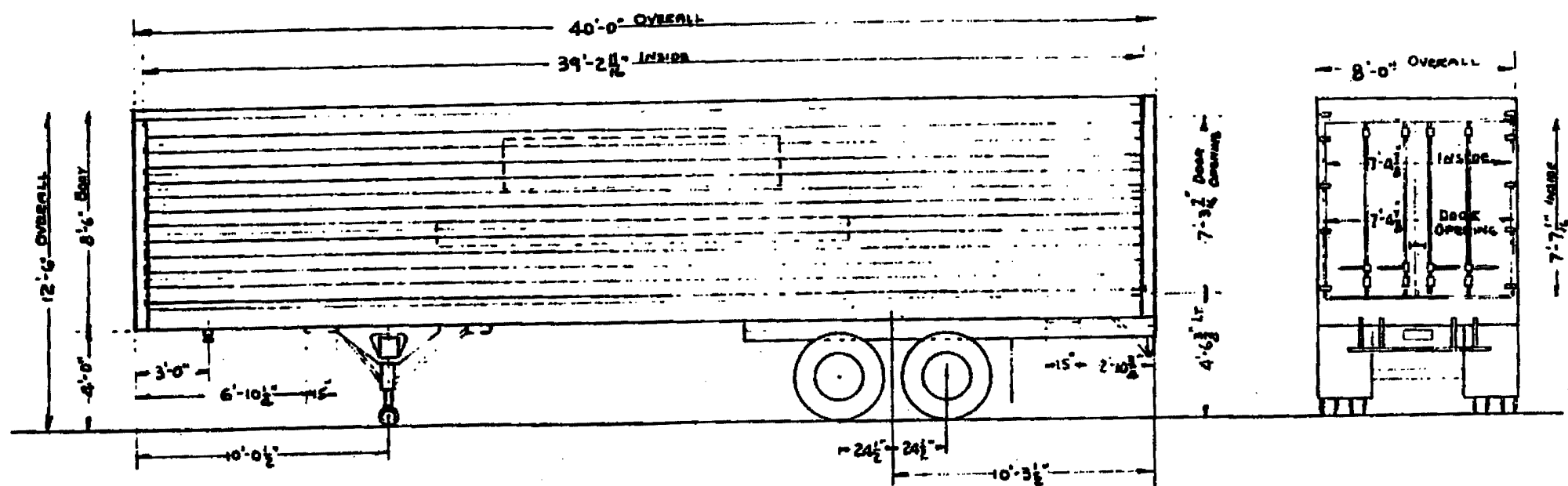
BUILT BY - HIGHWAY TRAILER CO.	INSULATION, ROOF - NONE	MUD FLAPS - STEEL COUNTOUR WITH RUBBER FLAPS	OPEN TOP	T 830 TO T 839																														
YEAR BUILT - 1960	INSULATION, SIDE - NONE	LETTERING PANELS - NKP STANDARD	HIGHWAY TRAILER																															
TYPE - VAN FRAMELESS	INSULATION, FLOOR - NONE	PAINT - DULUX BLUE, DUPONT CODE #51464																																
MODEL - TL 35 CO 25 FM	FLOOR - 2" T. & G. TREATED OAK	TARPAULIN - CANVAS PER DWG. 158-2-189	<h1 style="text-align: center;">NKP</h1> <p style="text-align: center;">MECHANICAL DEPARTMENT CLEVELAND, OHIO      AUG. 25, 1960</p>																															
CAPACITY, CU. FT. - 1975	UNDERCONSTRUCTION - HEAVY DUTY TANDEM	AXLES NO. - 2																																
MAXIMUM PAY LOAD - 37,700 LBS.	FRONT END - 10" CORNER RADIUS	AXLES TYPE - 5" DIA. WITH 3 1/2" SPINDLE																																
AVERAGE LT. WT. - 12,300 LBS.	DOLLY RIGGING - 2 SPEED CRANK - VERTICAL SUPPORT	AXLE CAPY., EACH - 20,000 LBS.																																
MAXIMUM GROSS - 50,000 LBS.	REAR DOOR - DOUBLE, PLYMETAL DOUBLE CAM LOCKS	TIRES NO. - 8	<p style="text-align: center;">REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"> </td> <td style="width: 10%;"> </td> <td style="width: 10%;"> </td> <td style="width: 10%;"> </td> <td style="width: 10%;"> </td> <td style="width: 10%;"> </td> <td style="width: 10%;"> </td> <td style="width: 10%;"> </td> <td style="width: 10%;"> </td> <td style="width: 10%;"> </td> </tr> <tr> <td>DR.</td> <td>TR.</td> <td>CH.</td> <td colspan="3">GROUP</td> <td colspan="4">SHEET NO.</td> </tr> <tr> <td>EP</td> <td>EP</td> <td>OKS</td> <td colspan="3">18</td> <td colspan="4">21</td> </tr> </table>												DR.	TR.	CH.	GROUP			SHEET NO.				EP	EP	OKS	18			21			
DR.	TR.	CH.	GROUP			SHEET NO.																												
EP	EP	OKS	18			21																												
BRAKE TYPE - AIR	REAR DOOR HINGES - 4 EACH DOOR	TIRE SIZE - 9.00 X 20																																
BRAKE CYL. SIZE - 16 1/2" X 7". OVER AXLES	CURB SIDE DOOR - NONE	TIRE PLY - 10																																
SIDE CONSTRUCTION - 22 GA. HI-TENSILE - CORRUGATED.	DOOR PROTECTOR BARS - 2	LIGHTS I.C.C. STANDARD & TURN SIGNALS																																
INSIDE LINING - 1/4" EXTERIOR GRADE PLYWOOD	TIE DOWN BRACKETS - NKP STANDARD	VOLTAGE - DUAL, 6 & 12 VOLT; 1-6 PIN & 1-7 PIN RECTCL.																																
ROOF - OPEN WITH TARP COVER & 12 BOWS	REAR BUMPER - STANDARD & I.C.C. STANDARD	WHEELS - CAST STEEL																																

EACH TRAILER EQUIPPED WITH TWO TARPULINS AND 4 SETS OF CHAINS & BINDERS.

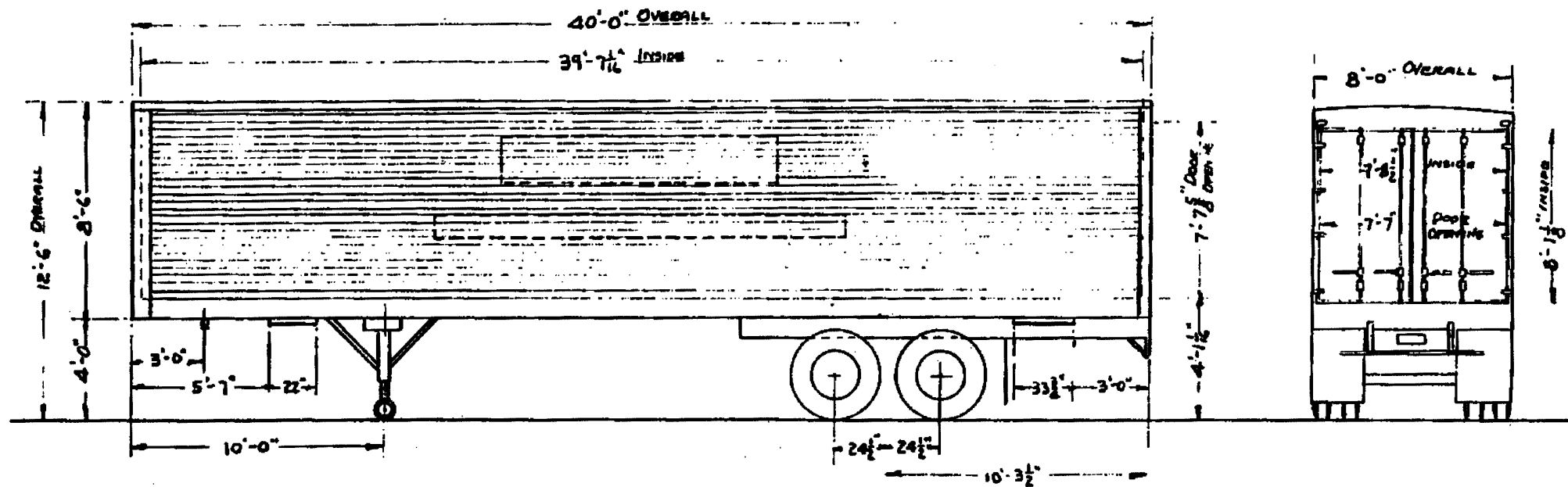


BUILT BY - FRUEHAUF	FLOOR - 1 5/16" T & G HARDWOOD	AXLES NO. - 2	FLAT BED	T-1005 T-1039										
YEAR BUILT - 1962	UNDERCONSTRUCTION - LEAF SPRING TANDEM	AXLES TYPE - 5" DIA. TUBULAR, 3 1/2" SPINDLE	HIGHWAY TRAILER											
TYPE - FLAT BED	FRONT END - 48" STEEL BULKHEAD	AXLES CAPACITY, EACH - 20,000 LBS.	<h1 style="text-align: center;">NKP</h1> <p style="text-align: center;">MECHANICAL DEPARTMENT CLEVELAND, OHIO</p>											
MODEL - PB 62-35	DOLLY RIGGING - 2 SPEED CRANK VERTICAL SUPPORT	TIRES NO. - 8												
CAPACITY CU. FT. -	TIE DOWN BRACKETS - NONE	TIRE SIZE - 9.00 X 20	<p style="text-align: center;">REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> </tr> </table>											
MAXIMUM PAY LOAD - 50,000 EVENLY DISTRIBUTED	REAR BUMPER - STANDARD DOCK & I.C.C.	TIRE PLY - 10	DR.	TR.	CH.	GROUP NO.	SHEET NO.							
AVERAGE LT. WT. - 9215 LBS.	MUD FLAPS STIFFENED RUBBER FLAPS	LIGHTS - I.C.C. STD. & TURN SIGNAL, & N.Y.				18	22							
MAX. GROSS - 69,215 LBS.	PAINT - DULUX BLUE, DUPONT CODE - #51464	VOLTAGE - 12												
BRAKE TYPE - AIR-30 SQ. IN. CHAMBER		ELECTRIC CONN. - 7 POLE RECEPTACLES 1-EACH												
BRAKE CYL. SIZE - 2, 1 1/2" X 7"		WHEELS - 5 SPOKE CAST STEEL												
MAIN CHASSIS RAILS - I-BEAM FABRICATED		FRUEHAUF SERIALS - FWC-570916 THRU 50 INCLUSIVE												
OUTER CHASSIS RAILS - CHANNEL														
STAKE POCKETS - 1 3/4" X 3" ON 24" CTRS.														

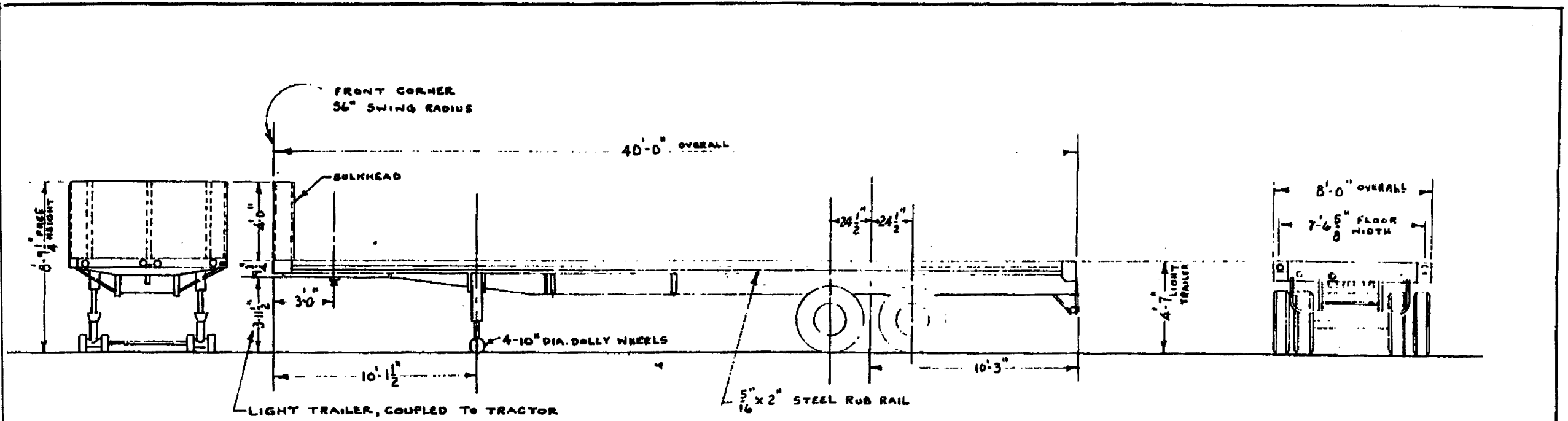




BUILT BY - FREUHAUF TRAILER CO. AVON OHIO	INSULATION - 3" FIBERGLASS - CEILING - ROOF - SIDES & FLOOR	MUD FLAPS - ILLINOIS ANTI-SAIL TYPE	VAN TYPE	T-950 T-979			
YEAR BUILT - 1963	2" FIBERGLASS IN DOOR	LETTERING PANELS - NKP STD.	INSULATED				
TYPE - INSULATED VAN	FLOOR - 1 1/2" WHITE OAK DOWELOC	PRINT - - -	HIGHWAY TRAILER				
MODEL - VD GP 240A	FRONT END - 7" CHAMFER AT CORNERS	NO. OF AXLES - - 2	NKP				
MAX. PAY LOAD - - -	DOLLY RIGGING - 2 SPEED VERTICAL SQ. LEG SUPPORTS	AXLES TYPE - FREUHAUF 5" DIA TUBULAR					
AV. LT. WT. - 13200 LBS	UNDER CONSTRUCTION - HEAVY DUTY TANDEN - F-Z	AXLES CAPY EACH - - -	MECHANICAL DEPARTMENT				
MAX. GROSS - - -	REAR DOOR - DOUBLE PLYMETAL - 4 CAM LOCKS - 2 ANTI-RAN DEVICES	NO. OF TIRES - - - 8	CLEVELAND OFFICE JUNE 10 1963				
BRAKE TYPE - MIDLAND AIR DECKERS	REAR DOOR HINGES - 4 EACH DOOR	TIRE SIZE 9.00 X 20	REVISIONS				
BRAKE CYL. SIZE - 16 1/2 x 7	REAR DOOR SAFETY CHAINS - - -	TIRE PLY - 10					
SIDE CONSTRUCTION - .050 BEADED ALUMINUM PANELS	CUES SIDE DOORS - NONE	LIGHTS - I.C.C. STP & TURN SIGNALS	CH	TR	OK	GROUP	SHEET No.
INSIDE LINING - 1/2" PLYWOOD - SIDES, CEILING & DOOR	DOOR PROTECTOR BARS - - -	VOLTAGE - DUAL 60/12 VOLT WITH 2 BERO NE 702 RECEPTACLES - REWIND	EFC	0 1/2	0 1/2	18	23
ROOF - .032" ONE PL. ALUMINUM	TIE DOWN BRACKETS - NKP STD.	WHEELS - FREUHAUF LT WT SPKCE					
	REAR BUMPER - I.C.C. STD.						

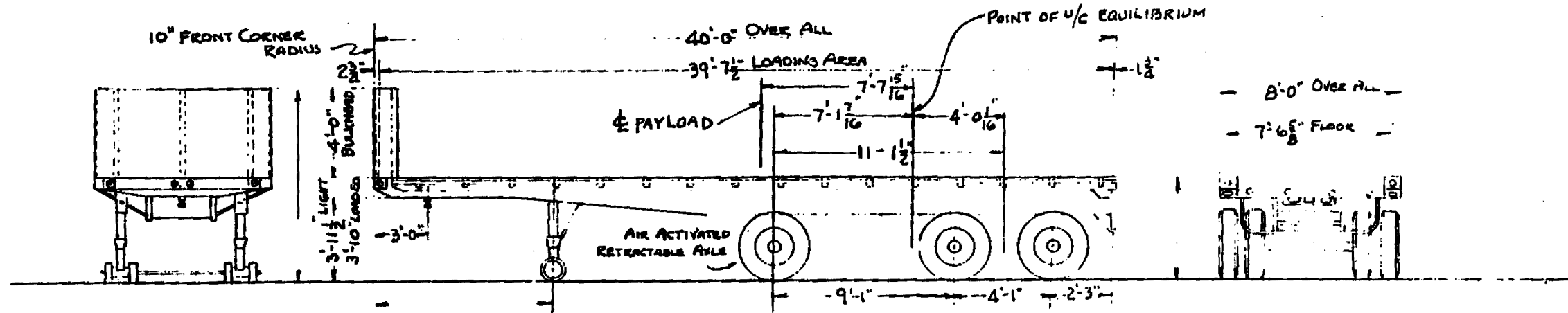


BUILT BY - FRIEHAUF TRAILER CO	FRONT END - 10" CORNER RADIUS	AXLES TYPE - FRIEHAUF 5" DIA TUBULAR	VAN TYPE	T-440 T-559										
YEAR BUILT - 1963	DOLLY RISSING - 2 SPEED CRANK VERTICAL 50. LEG SUPPORTS	AXLE CAPY EACH -	HIGHWAY TRAILER											
MODEL - VTG LSF 240	UNDERCONSTRUCTION - HEAVY DUTY TANDEN - F-2	TIRES NR - 8	<h1 style="text-align: center;">NKP</h1> <p style="text-align: center;">MECHANICAL DEPARTMENT</p> <p style="text-align: center;">CLEVELAND OHIO      JUNE 11 1963</p> <p style="text-align: center;">REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CH</td> <td style="width: 10%;">TR</td> <td style="width: 10%;">DR</td> <td style="width: 10%;">GROUP</td> <td style="width: 10%;">SHEET</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;">18</td> <td style="text-align: center;">24</td> </tr> </table>		CH	TR	DR	GROUP	SHEET				18	24
CH	TR	DR			GROUP	SHEET								
					18	24								
CAPACITY CU. FT. -	REAR DOORS - DOUBLE PLYMETAL - 4 CAM LOCKS - 2 ANT. RAX DEVICES	TIRE SIZE - 9.00 x 20												
MAX. PAY LOAD	REAR DOOR HINGES - 4 EACH DOOR	TIRE PLY - 10												
AVERAGE LT. WT. 12200 LBS.	REAR DOOR SAFETY CHAIN	LIGHTS - ICC STD 2 TURN SIGNALS												
MAX. GROSS	CURT SIDE DOORS - NONE	VOLTAGE - DIAL 6 & 12 WITH 2 BERE NR 702 RECEPTACLES - RESISTORS												
BRAKES - MIDLAND AIR BRAKES	DOOR PROTECTOR BARS -	WHEELS - FRIEHAUF LE WIT SPOKE												
BRAKE CYL. SIZE 16 1/2 x 7	TIE DOWN BRACKETS - NKP STD													
SIDE CONSTRUCTION - .024 HI-TENSILE CORR. SIDE SHEETS	REAR BUMPER - ICC STD													
INSIDE LINING - 1/2" PLYWOOD SIDES; 1/2" PLYWOOD FRONT WALL	MUD FLAPS - ILLINOIS ANT. SAIL TYPE													
ROOF - .018 HI-TENSILE CORR. STEEL	LETTERING PANELS - NKP STD.													
FLOOR - 1 1/2" WHITE OAK DOWELOC	PAINY - DULUX BLUE ROYANT COOR #51464													
	AXLES NR - 2													

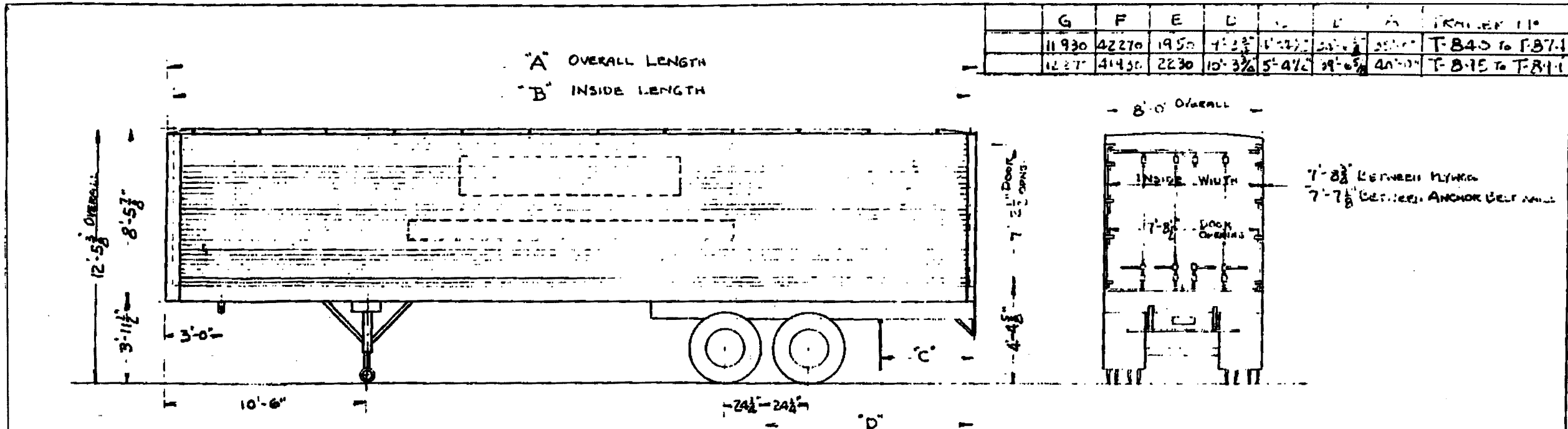


BUILT BY FRUEHAUF - FT WAYNE, IND.	FLOOR - 1 1/2" T&G - WHITE OAK - DOWLOG	AXLES	FLAT BED	T-685-T-699										
YEAR BUILT 1963	P-2 LEAF SPRING TANDEM SUSPENSION	AXLES TYPE	HIGHWAY TRAILER											
TYPE FLAT BED	FRONT END - 48" STL. BULKHEAD	AXLES CAPACITY, EACH 20,000 LBS.												
MODEL PB - FZ - 40'-0" PBF - 240	DOLLY RIGGING - 2 SPEED CRANK VERTICAL SUPPORT	TIRES NO 8	<b>NKP</b> <b>MECHANICAL DEPARTMENT</b> CLEVELAND, OHIO      MAY 18, 1964 REVISIONS											
CAPACITY CU. FT.	TIE-DOWN BRACKETS - NONE	TIRE SIZE 9.00 X 20												
MAXIMUM PAY LOAD 34,800 LBS	REAR BUMPER I.C.C. REGULATION	TIRE PLY - 10												
AVERAGE LT. WT. 10,200 LBS	MUD FLAPS - ILLINOIS STIFFENED RUBBER FLAPS ANTI-SAIL TYPE	LIGHTS I.C.C. STD. (TURN SIGNAL, (N.Y.												
MAXIMUM GROSS		VOLTAGE - 12	<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>7</td> <td>18</td> <td>25</td> </tr> </table>		DR	TR	CH	GROUP NO	SHEET NO			7	18	25
DR	TR	CH			GROUP NO	SHEET NO								
		7			18	25								
BRAKE TYPE - AIR - 30 SQ. IN. - CHAMBER	PAINT - DU PONT BLUE CODE #2 81464	ELECTRICAL CONN. - 7-POLE RECEPTACLES - 1-EACH												
BRAKE CYL. SIZE - 1 1/2" x 7" CYLS. OVER EACH AXLE		WHEELS - 5-SPOKE CAST STEEL												
MAIN CHASSIS RAILS - I-BEAM FABRICATED		FRUEHAUF SERIAL FWC 697101 THRU 697115												
OUTER CHASSIS RAILS - CHANNEL - 7" @ 9.8 LB/FT														
STAKE POCKETS - 1 3/4" x 3" TAPERED ON 64" STR. 2 SIDES - 4 FRONT & REAR														

EACH TRAILER EQUIPPED WITH TWO FRONT LIGHTS  
AND FOUR P.T. OF CHAINS & BUSHINGS



BUILT BY - FREuhauf FT. WAYNE IND.	FLOOR - 1 5/16" T.&G. TREATED - OAK	NO. OF AXLES - 3	<b>FLAT BED T-1075 T-1067</b>  <b>HIGHWAY TRAILER</b>  <b>NKP</b>  MEASUREMENTS AS SHOWN CLEVELAND OHIO 1963 REVISED
YEAR BUILT - JULY - AUGUST 1963	UNDER CONSTRUCTION ---	AXLES - TYPE ---	
TYPE - TRI-AXLE HEAVY DUTY - FLAT BED	FRONT END - 48" STEEL BULLHEAD	AXLES - CAPACITY, EACH - 20000 LBS.	
MODEL - PBA1FZ-40	DOLLY RIGGING ---	NO. OF TIRES - 12	
CAPACITY CU. FT. ---	TIE DOWN BRKTS. ---	TIRE SIZE - 9" x 20	
MAXIMUM PAY LOAD - 63960 LBS.	REAR BUMPER ---	TIRE PLY - 10	
AVERAGE LT. WT. - 14080 LBS.	MUD FLAPS - H.D. REINF. RUBBER - ANTI-SAIL TYPE	LIGHTS - I.C.C. STD. 8 TURN SIGNAL 8 N.Y.	
MAX. GROSS - 67000 LBS.	PAINT - DULUX BLUE DUMINT COLE #51408	VOLTAGE - 12	
BRAKE - TYPE - AIR		ELEC. CONN. - 6 & 7 POLE RECEPTACLES - 1 EACH	
BRAKE CYL. SIZE ---		WHEELS - 5 SPOKE CAST STEEL	
MAIN CHASSIS RAILS ---		FREUHAUF SERIAL NO FWD - 775201 THRU 775219	
OUTER CHASSIS RAILS ---			
STAKE POCKETS - 2" x 4" ON 24" CTR.			
			DR. FC. CH. EQUIP. EIR. SHEET 18 ON: 1/2 EFC 18 26



	G	F	E	D	C	B	A	TRAILER NO.
	11930	42270	1950	4'-2 3/4"	1'-2 1/2"	35'-0"	35'-0"	T-845 to T-874
	1227	41430	2230	10'-3 3/4"	5'-4 1/2"	39'-0 5/8"	40'-0"	T-875 to T-891

BUILT BY TRAILMOBILE INC.	FRONT END 10" CORNER RADIUS	AXLES TYPE - 5" DIA. WITH 3 1/2" SPINDLE
YEAR BUILT - 1963	DOLLY RIGGING - AUSTIN 2 SPEED CRANK - VERT. SUPPORT	AXLE CAPACITY EACH - 20000 LBS.
MODEL - C-7B152	UNDERCONSTRUCTION - HEAVY DUTY TANDEM	TIRE NO. 8
CAPACITY - CU. FT. SEE TABLE "E"	REAR DOORS - DOUBLE 1" PLYMETAL - DOUBLE CAM LOCKS	TIRE SIZE - 9.00 x 20
MAX. PAY LOAD - LBS. SEE TABLE "F"	REAR DOOR HINGES - 4 EACH DOOR	TIRE PLY - 10
AV. LT. WT. LBS. SEE TABLE "G"	REAR DOOR SAFETY CHAINS	LIGHTS - I.C.C. STD. B TURN SIGNALS
MAX. GROSS 55000 LBS.	CURB SIDE DOORS - NONE	VOLTAGE - DUAL 6 & 12 VOLT. 1-6 PIN 811-TAN RESISTANCE
BRAKES - AIR	DOOR PROTECTOR BARS - 2	WHEELS - CAST STEEL
BRAKE CYL. SIZE 16 1/2" x 7"	TIEDOWN BRACKETS - "YOCAR" LADING STRAP ANCHORS	TARPAULIN - CANVAS - PER DWG 158-2-189
SIDE CONSTRUCTION - 22 GA. HI-TENSILE CORRUG.	REAR BUMPER - I.C.C. STANDARD	
INSIDE LINING 1/2" EXTERIOR GRADE PLYWOOD	MUD FLAPS - ILLINOIS ANTI-SAIL	
ROOF - OPEN WITH TARP COVER & 12 BOWS	LETTERING PANELS - NKP STD.	
LOOK - 1 1/2" WHITE OAK - DOWLOC	PAINT - DULUX BLUE - DUPONT CODE # 51464	
	AXLES - 2	

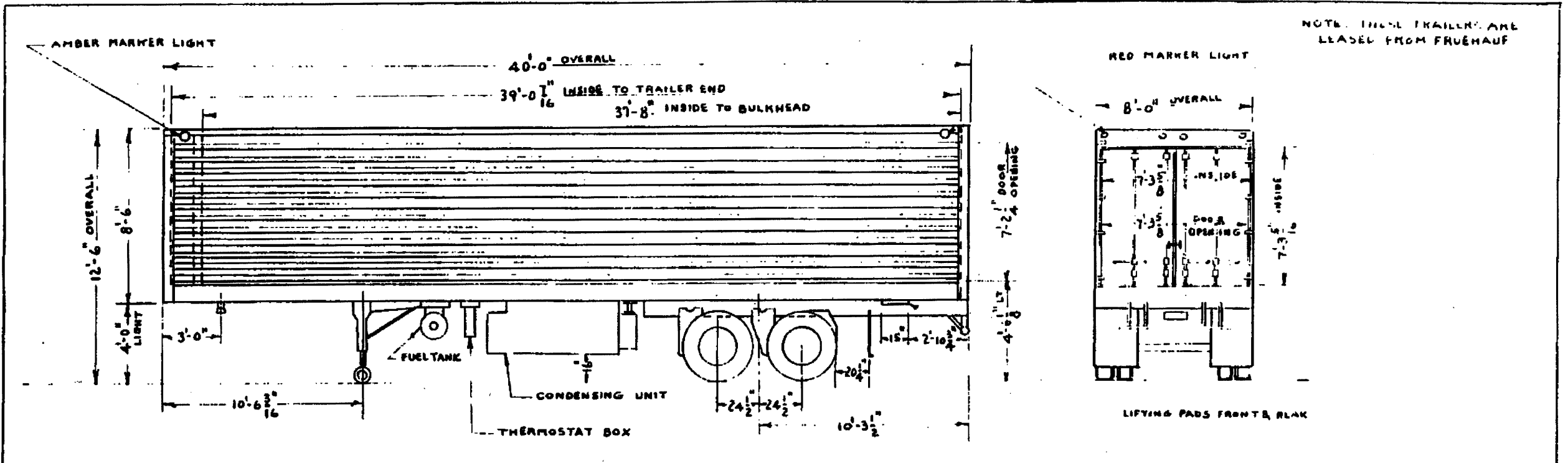
**OPEN TOP** T-840 to T-874  
T-895 to T-899

**HIGHWAY TRAILER**

**NKP**  
MECHANICAL DEPARTMENT

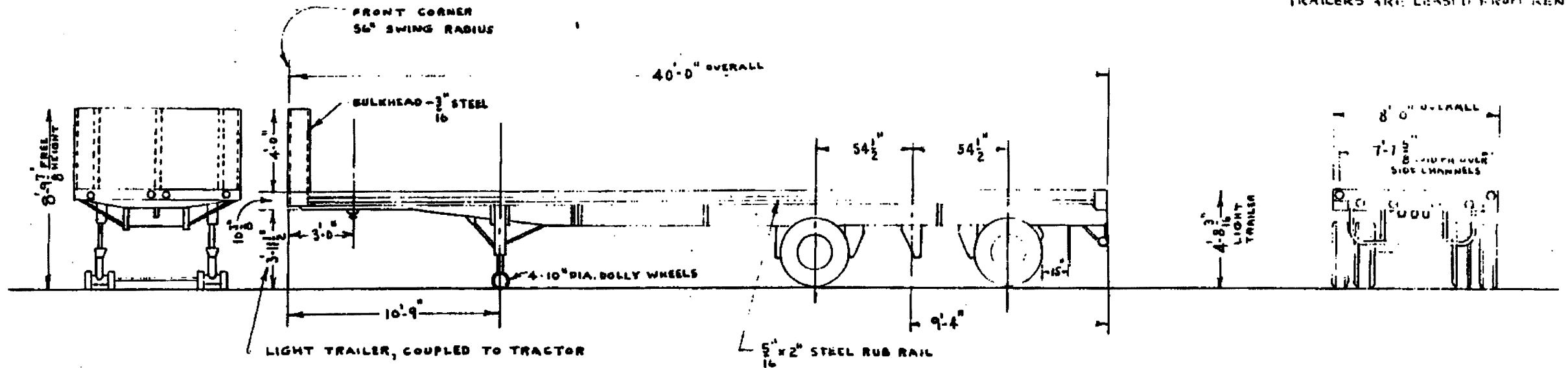
LEVELABLE CURB SEE DWG 158-2-189

DR	TR	OR	GENIV	CHEET NO
18	18	18	18	27



BUILT BY--FRUEHAUF TRAILER CO. AVON OHIO	INSULATION--POLYURETHANE FOAM INSULATION ROOF--6" FRONT--4" DOOR--3 1/4" FLOOR--2 3/4" SIDES--3"	FUEL TANK CAPY. --- 110 GALS. MUD FLAPS--ILLINOIS ANTI SAIL TYPE	REFRIGERATED T 1800-T 1850
YEAR BUILT -- 1963	FLOOR--2 1/4" EXTRUDED ALUMINUM T-TYPE	REFRIGERATION UNIT--THERO-KING MODEL--UWO-61-30	HIGHWAY TRAILER
TYPE-- REFRIGERATED VAN, MODEL AVD 9137	FRONT END--56" SWING RADIUS	NO. OF AXLES -- 2	<b>N &amp; W</b>
CUBIC CAPACITY --- 2075 RATED, 1918 USABLE (CU. FT)	DOLLY RIGGING--2 SPEED VERTICAL SQ. LEG SUPPORTS--10" WHL.	AXLES TYPE--FRUEHAUF 5" DIA TUBULAR	
MAX. PAY LOAD ---	UNDER CONSTRUCTION --- 4" x 3" I BEAM CROSSMEMBERS	AXLES CAPY. EACH --- 20,000 LBS	MECHANICAL DEPARTMENT
AV. LT. WT. ---	REAR DOOR--1" THICK ALUMINUM FACED DOUBLE PLYMETAL 4-CAM LOCKS	NO. OF TIRES --- 8	(CLEVELAND, OHIO) JAN 18, 1965
MAX. GROSS TRAILER & LOAD --- 50000 LBS.	REAR DOOR HINGES--4 EACH DOOR	TIRE SIZE 9.00 X 20, 10 PLY	REVISIONS
BRAKE TYPE -- MIDLAND AIR BRAKES	REAR DOOR SAFETY CHAINS --- 3/8" COIL CHAIN	LIGHTS--TO I.C.C. 2 STOP & TAIL, 2 TURN SIGNALS, 1 LICENSE PLATE, 13 MARKERS, 8 REFLECTORS WITH 2 BERG #1702 RECEPTACLE RESISTORS	CM TR LN GRP SHEET NO
ROOF SHEET--.032" ONE PLY ALUMINUM	HEAT RAILE--1 3/4" O.D. STAINLESS STEEL TUBING X 16 GA. 7 ROWS ON CEILING	VOLTAGS--DUAL 6 & 12 VOLT	83 E 18 28
SIDE CONSTRUCTION--.050 HORIZONTAL PLATED ALUMINUM PANELS ON STEEL HAT SHAPED POSTS	DOOR PROTECTOR BARS --- NONE	WHEELS--FRUEHAUF LT. WT. SPOKE	
INSIDE LINING--FIBER GLASS--WITH RIBS ON SIDES (DOORS, WITHOUT RIBS ON FRONT WALL & CEILING, 1/4" PLYWOOD, VINYL DIPPED	TIE DOWN BRACKETS --- NONE	WHEEL RIMS--7.5 X 20 DEMOUNTABLE	
	REAR BUMPER --- I.C.C. STD.	SERIAL N2 --	

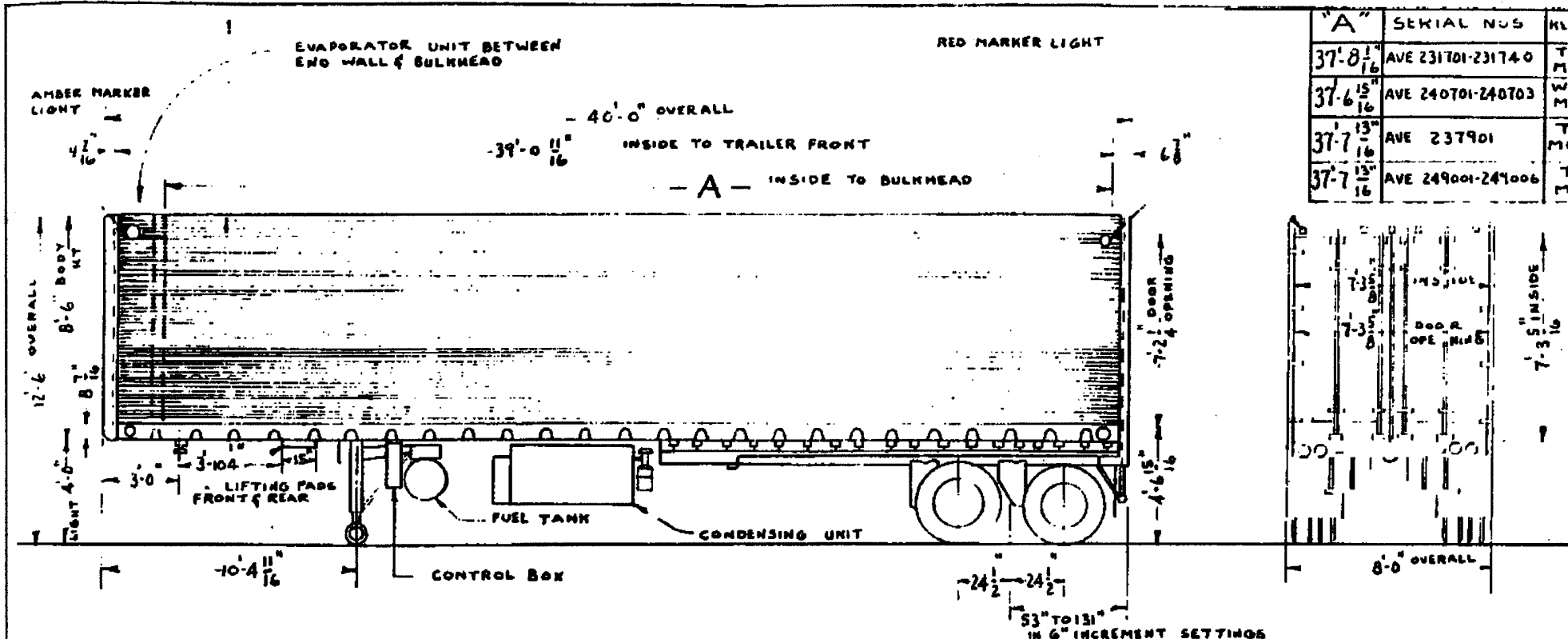
NOTE. TRAILER WILL CARRY  
40,000 LB. CONCENTRATED  
OVER A DIA. OF 3'-6"  
TRAILERS ARE LEASED FROM KENTON



BUILT BY PRUEHAUF - FT WAYNE, IND.	FLOOR--1/2" T & G - WHITE OAK, DOWLOC	AXLES, TYPE--5" TUBULAR	FLAT BED	301100 - 301129										
YEAR BUILT--1964	F2W LEAF SPRING WIDE SPREAD TANDEM SUSPENSION	AXLES-CAPACITY, EACH 20,000 LBS.	HIGHWAY TRAILER											
TYPE--FLAT BED	FRONT END-48" STL. BULKHEAD	TIRES-8 PER TRAILER	<b>N&amp;W</b> <b>MECHANICAL DEPARTMENT</b> CLEVELAND, OHIO      JAN 13, 1965											
MODEL PB-F2W-40'-0"	DOLLY RIGGING-2 SPEED CRANK VERTICAL SUPPORT	TIRE SIZE--10.00 X 20												
CAPACITY CU. FT. ---	TIE-DOWN BRACKETS - NONE	TIRE PLY--12	REVISIONS <table border="1"> <thead> <tr> <th>DR</th> <th>TA</th> <th>CH</th> <th>GROUP NO</th> <th>SHEET NO</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>33</td> <td>18</td> <td>29</td> </tr> </tbody> </table>		DR	TA	CH	GROUP NO	SHEET NO			33	18	29
DR	TA	CH			GROUP NO	SHEET NO								
		33	18	29										
MAXIMUM PAY LOAD--45,550 LBS.	REAR BUMPER I.C.C. REGULATION	LIGHTS I.C.C. STD., 7 WAY ATA												
AVERAGE LT. WT.--11,450 LBS.	MUD FLAPS - ILLINOIS STIFFENED RUBBER FLAPS ANT. BAIL TYPE	VOLTAGE--12												
MAXIMUM GROSS--57,000 LBS.	PAINT - DU PONT BLUE CODE NO. 91464	ELECTRICAL CONN.-7-POLE RECEPTACLES-1- EACH												
BRAKE TYPE-AIR-30 SQ. IN. CHAMBER		WHEEL RIMS-7.5 X 20-DEMOUNTABLE												
BRAKE CYL. SIZE-16 1/2" X 7" CYLS. OVER EACH AXLE		SERIAL NUMBERS--FWE 181501-181330												
MAIN CHASSIS RAILS-I-BEAM FABRICATED		WHEELS--5 SPOKE CAST STEEL												
OUTER CHASSIS RAILS-CHANNEL 18" C 8.5 LB/FT.														
STAKE POCKETS-1 1/4" X 3" TAPERED ON 24" CTR. @ SIDES-4 @ FRONT (REAR)														





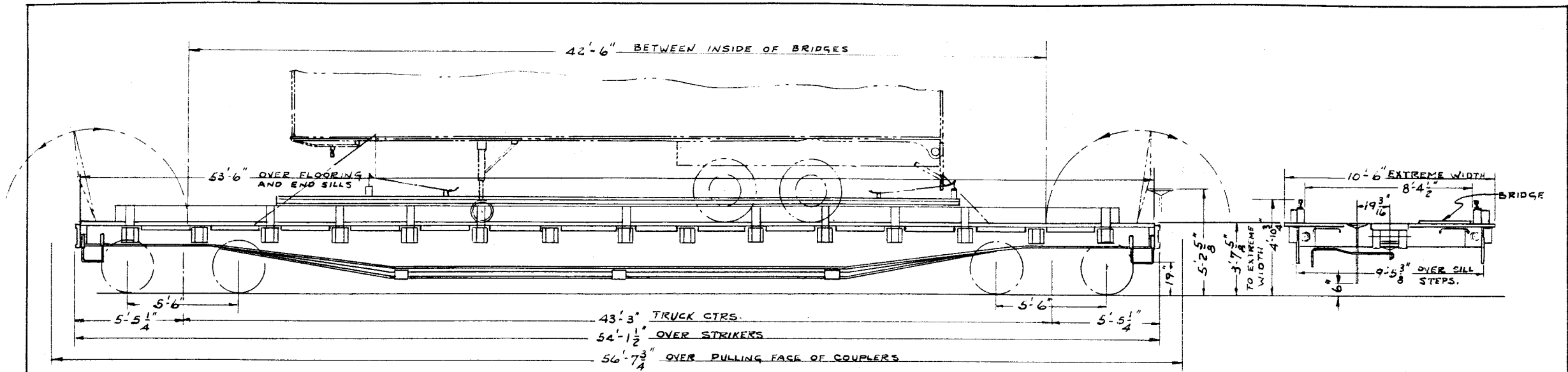


"A"	SERIAL NOS	REFRIGERATION UNIT	DATE RAIL	DATE	TRAILER NO	NO. OF UNITS
37-8 1/16	AVE 231701-231740	THERMO-KING MODEL UWD-62-50	2075	1914	NWKZ-501851 NWKZ-501890	40
37-6 15/16	AVE 240701-240703	WORTHINGTON MODEL TFE-401	2075	1913	NWKZ-501841 NWKZ-501843	3
37-7 13/16	AVE 237901	TRANSICOLD MODEL NO 250	2075	1918	NWKZ 50194	1
37-7 13/16	AVE 249001-249006	TRANSICOLD MODEL NO. 250	-	1138	NWKZ 501945 NWKZ-501900	6

NOTE 1 - TRAILERS ARE EQUIPPED WITH F2 SELECT-A-POINT SLIDING TANDEN SUSPENSION

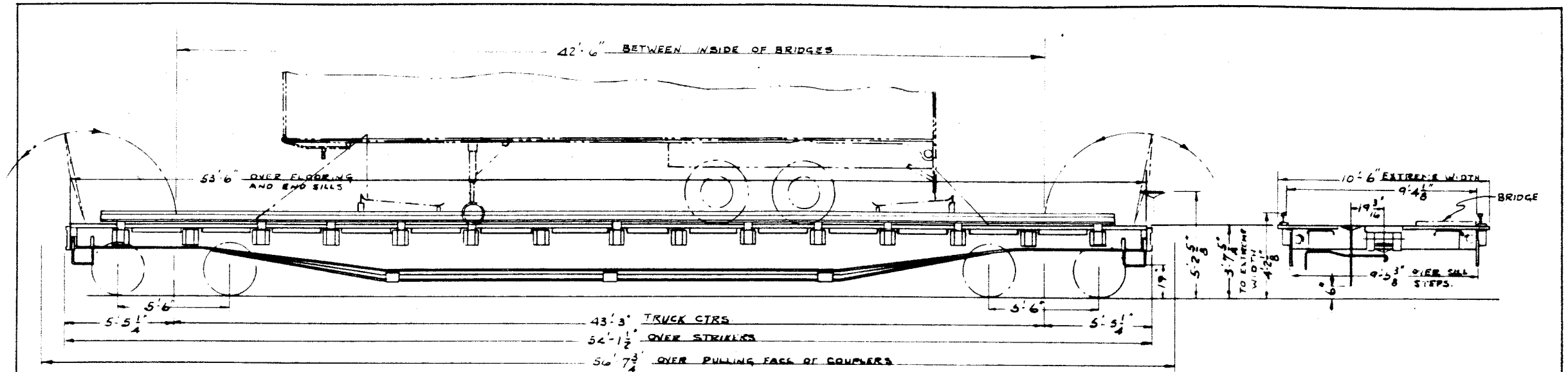
NOTE 2 - TRAILERS NWKZ 501895 - NWKZ 501900 ARE EQUIPPED WITH TRAM RAILS AND SWITCHES.

BUILT BY --- FREUNAU TRAILER CO., AVON, OHIO	INSULATION --- POLY-URETHANE FOAM INSULATION ROOF -- 6" FRONT -- 4" DOOR -- 3 1/4" FLOOR -- 2 3/4" SIDES -- 3"	MUD FLAPS --- ILLINOIS ANTI-SAIL TYPE	REFRIGERATED VAN	NWKZ - 501851 - NWKZ - 501900
YEAR BUILT --- 1965	FLOOR -- 2 1/4" EXTRUD'D ALUMINUM T-TYPE	REFRIGERATION UNIT --- SEE TABLE	HIGHWAY TRAILER	
TYPE --- REFRIGERATED VAN, MODEL V06-FZ-40F	FRONT END -- 56" SWING RADIUS	AXLES --- TWO, 5" DIA. TUBULAR, 20000 LB. CAP'Y. EACH	N & W	
VOLUME CAPACITY --- SEE TABLE	DOLLY RIGGING --- 2 SPEED VERTICAL S4. LEG SUPPORTS - 10" WHL'S	NO. OF TIRES --- 8	MECHANICAL DEPARTMENT	
MAX. PAY LOAD --- 32,000 LB. WITH SINGLE AXLE TRACTOR 48,000 LB. WITH DOUBLE " "	REAR DOOR --- 1" THICK, ALUMINUM FACED - DOUBLE PLYMETAL 4-CAM LOCKS	TIRE SIZE --- 9.00 X 20, 10 PLY	CLEVELAND, OHIO FEB 26, 1965	
GV. LT. WT. --- 17900 LB.	REAR DOOR HINGES --- 4 EACH DOOR	LIGHTS --- TO I.C.C. 2 STOP & TAIL, 2 TURN SIGNALS, 1 LICENSE PLATE, 13 MARKERS, 8 REFLECTORS	REVISIONS	
MAX. GROSS TRAILER & LOAD --- 50,000 LB. WITH SINGLE AXLE TRACTOR, & 62,000 LB. WITH TANDEN AXLE TRACTOR	REAR DOOR SAFETY CHAINS --- 3/8" COIL CHAIN	ELECTRICAL SYSTEM --- 12VOLT A.T.A. WITH BERTHOE STD. 7 POLE RECEPTACLE	CH	JK
BRAKE TYPE --- MIDLAND AIR BRAKES	MEAT RAILS --- 1 3/4" O.D. STAINLESS STEEL TUBING X 16 GA. - 7 ROWS ON CEILING - IN TRAILERS NWKZ-501851-501894 - 6 ROWS TALLY TYPE - ON CEILING OF NWKZ-501895-501900	WHEELS --- DUAL 5 SPOKE CAST STEEL	DK	GRUP
BRAKE CYL. SIZE --- 1 1/2" X 7"	DOOR PROTECTOR BARS --- NONE	WHEEL RIMS --- 7.5 X 20 DEMOUNTABLE	18	SHEET NO
ROOF SHEET --- .032 ONE PIECE ALUMINUM	TIE-DOWN BRACKETS --- NONE	SERIAL NO. --- SEE TABLE		31
SIDE CONSTRUCTION --- .050 HORIZONTAL BEADED ALUMINUM PANELS ON STEEL HAT SHAPED POSTS.	REAR BUMPER --- I.C.C. STD.			
INSIDE LINING --- 1/8" FIBER GLASS WITH RIBS ON SIDES & RS, WITHOUT RIBS ON FRONT WALL & CEILING, 1/4" PLYWOOD, VINYL DIPPED	FUEL TANK CAP'Y. --- 110 GALS. (EXCEPT 100 GAL. WITH WORTHINGTON)			

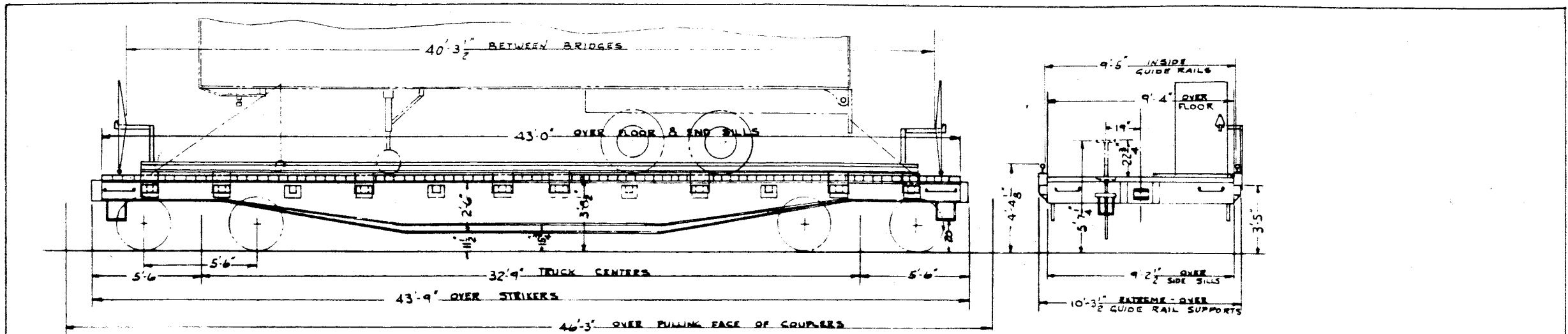


GENERAL DATA	HAND BRAKE - UNIVERSAL MULTI-POWER	TIE DOWN EQUIPMENT	MISCELLANEOUS DATA
BUILT BY - PULLMAN STD. CAR & MFG. CO.	SIDE BEARING CENTERS - 4'-2"	ARRANGEMENT DRAWING - 158-8-75	BRIDGE - 1/4" MULTI-GRIP PLATE
YEAR BUILT - 1942	UNDERFRAME - STEEL	CHAIN - 5/8" PROOF COIL	DWG. 158-7-80
YEAR CONVERTED FOR TRAILER HAULING - 1954	GENERAL ARRANGEMENT OF FLAT CAR-139-11-375	CHAIN TIGHTENER - TEMPLETON-KENLY TURNBUCKLE NO. 9402	BRIDGE BALANCER - NONE
AVERAGE LT. WT. - 56,400 LBS.		SHOCK ABSORBER - A.A.R. 1915 OUTER COIL SPRING	BRIDGE BRACE - NONE
AVERAGE LOAD LIMIT 120,600 LBS.	TRUCK DATA	TURNBUCKLE LOCKING ROD - DWG. 158-2-183	WHEEL CHOCKS - SHOP MADE DWG. 158-7-79
BUILDERS LOT NO. - 5720 A	BOLSTER - CAST STEEL	ANCHOR - PLATE & BOLTS	JACK - TEMPLETON-KENLY NO. 9318
AIR BRAKE MFR. - W.A.B. CO.	BRAKE BEAM - A.A.R. NO. 15		SIDE RAIL & FLOOR ARGMT. DWG. 158-11-76
AIR BRAKE SCHEDULE "AB" 10"x12"	BRAKE BEAM SAFETY SUPPORT-GRIP NUT CO.		
BODY BOLSER - BUILT UP STEEL	CENTER PLATE - CAST INTEGRAL		
BODY CENTER PLATE - DROP FORGED	JOURNAL SIZE - 5 1/2" x 10"		
CENTER SILL - BUILT UP STEEL	SIDE BEARING - STUCKI ROLLER TYPE		
CENTER SILL AREA - 49.35 SQ. IN.	SIDE FRAME - CAST STEEL, DOUBLE TRUSS, INTEGRAL BOX	ARRANGEMENT DRAWING 158-8-78	
CENTER SILL COVER PLATE - 27" x 3/8"	WHEELS - A.A.R. 33" DIA. CAST IRON SINGLE PLY	CHAIN - 1/2" PROOF COIL	
COUPLER - A.A.R. 6 1/4" x 8" TYPE E' BOTTOM OPERTG.	CENTER PLATE HEIGHT - 2'-1 3/4"	CHAIN TIGHTENER - CLAMPING LEVER	
COUPLER RELEASE RIGGING - BUILDER'S DESIGN	WT. OF ONE TRUCK - 7820 LBS.	SHOCK ABSORBER - A.A.R. 1915 INNER COIL SPRING	
DRAFT GEAR - MINER A-22-XB	SPRINGS - A.A.R. 1936 DESIGN - 4 OUTER COILS & 1 SIMPLEX SNUBBER PER NEST	ANCHOR - BUILT UP WITH BARS	
DRAFT GEAR YOKE - CAST STEEL			
END LOAD RATIO -.0207			
FLOORING 2 3/4" SQ. EDGE			

CARS 3006, 3012, 3028 3039, 3044, 3048
FLAT CAR EQUIPPED FOR HAULING TRAILERS
<b>N K P</b> MECHANICAL DEPARTMENT CLEVELAND, OHIO JUNE 3, 1958
REVISIONS
DR. TR. CH. GROUP NO. SHEET NO.
E <sub>PC</sub> E <sub>PC</sub> C <sub>HS</sub> 19 1



GENERAL DATA		HAND BRAKE - UNIVERSAL MULTI-POWER		TIE DOWN EQUIPMENT		MISCELLANEOUS DATA																
BUILT BY - PULLMAN STD CAR & MFG. CO	YEAR BUILT - 1942	SIDE BEARING CENTERS - 4'-2"	UNDERFRAME - STEEL	ARRANGEMENT DRAWING 158-B-75	CHAIN - 5/8" PROOF COIL	BRIDGE - 1/4" MULTI-GRIP PLATE DWG. 158-7-80	CARS 3004, 3008, 3014, 3015, 3016, 3018, 3019, 3023, 3024, 3025, 3026, 3031, 3032, 3034, 3038, 3040, 3042, 3049															
YEAR CONVERTED FOR TRAILER HAULING - 1954	AVERAGE LT WT - 56,400 LBS.	GENERAL ARRANGEMENT OF FLAT CAR - 139-11-375		CHAIN TIGHTENER - TEMPLETON-KENLY TURNBUCKLE NO. 9402	BRIDGE BALANCER - NONE	BRIDGE BRACE - NONE																
AVERAGE LOAD LIMIT - 120,600 LBS	BUILDERS LOT NO. - 5720 A	TRUCK DATA		SHOCK ABSORBER - A A R 1915 OUTER COIL SPRING	WHEEL CHOCKS - SHOP MADE DWG. 158-7-79	JACK - TEMPLETON-KENLY NO. 9318																
AIR BRAKE MFR - W A B CO	AIR BRAKE SCHEDULE "AB" 10"x12"	BOLSTER - CAST STEEL	BRAKE BEAM - A A R NO. 15	TURNBUCKLE LOCKING ROD DWG 158-2183	SIDE RAIL & FLOOR ARGMT DWG 158-8-84																	
AIR BRAKE SCHEDULE "AB" 10"x12"	BODY BOLSER - BUILT UP STEEL	BRAKE BEAM SAFETY SUPPORT - GRIP NUT CO.	CENTER PLATE - CAST INTEGRAL	ANCHOR - PLATE & BOLTS																		
BODY CENTER PLATE - DROP FORGED	CENTER SILL - BUILT UP STEEL	CENTER PLATE HEIGHT - 2'-1 3/4"	JOURNAL SIZE - 5 1/2" X 10"				<b>FLAT CAR</b> <b>EQUIPPED FOR HAULING TRAILERS</b>  <b>N K P</b> <b>MECHANICAL DEPARTMENT</b> CLEVELAND, OHIO      JUNE 3, 1958															
CENTER SILL COVER PLATE - 27" X 3/8"	CENTER SILL AREA - 49.35 SQ IN	WHEELS - A A R 33" DIA CAST IRON SINGLE PLT	WHEELS - A A R 33" DIA CAST IRON SINGLE PLT	ARRANGEMENT DRAWING 158-B-78	CHAIN - 1/2" PROOF COIL	CHAIN TIGHTENER - CLAMPING LEVER																
COUPLER - A A R 2 1/4" TYPE BOTTOM OPERTS	COUPLER RELEASE RIGGING - BUILDER'S DESIGN	WHEELS - A A R 33" DIA CAST IRON SINGLE PLT	WHEELS - A A R 33" DIA CAST IRON SINGLE PLT	SHOCK ABSORBER - A A R 1915 INNER COIL SPRING		ANCHOR - BUILT UP WITH BARS	REVISIONS															
DRAFT GEAR - MINER A-22-XB	DRAFT GEAR YOKE - CAST STEEL	SPRINGS - A A R 1936 DESIGN - 4 OUTER COILS & 1 SIMPLEX SNUBBER PER NEST	SPRINGS - A A R 1936 DESIGN - 4 OUTER COILS & 1 SIMPLEX SNUBBER PER NEST																			
END LOAD RATIO - .0207	FLOORING 2 3/4" SQ EDGE																					
							<table border="1"> <tr> <td>DR</td> <td>TR</td> <td>CH</td> <td>GROUP NO.</td> <td>SHEET NO.</td> </tr> <tr> <td>2</td> <td>Fc</td> <td>Efc</td> <td>0ds</td> <td>19</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>2</td> </tr> </table>	DR	TR	CH	GROUP NO.	SHEET NO.	2	Fc	Efc	0ds	19					2
DR	TR	CH	GROUP NO.	SHEET NO.																		
2	Fc	Efc	0ds	19																		
				2																		



GENERAL DATA			
BUILT BY - STD STEEL CAR CO.	CENTER SILL AREA - 32.97 SQ. IN. AT BOLSTER	SIDE BEARING CENTERS - 4'-2"	SIDE FRAME - CAST STEEL
YEAR BUILT - 1929	CENTER SILL COVER PLT. - 1/4" X 24" STEEL	UNDERFRAME - STEEL	SPRING - A.A.R. CLASS 'D' 4 DOUBLE COIL PER NEST
YEAR CONVERTED TO TRAILER HAULING SEE 8100	COUPLER - A.A.R. TYPE 'D' 6" X 8" BOTT. OPER.		WHEELS - CAST IRON - 750 LBS.
AVERAGE LIGHT WEIGHT - 43,500 LBS.	COUPLER RELEASE - S.R.E.M. CO. BOTT. OPER'G.		CENTER PLT. H.GHT. 2'-2 3/4"
AVERAGE LOAD LIMIT - 139,500 LBS.	DRAFT GEAR - MECH. MFG. CO. DURABLE CPD-A-1	TRUCK DATA	
AIR BRAKE MFR. - W.A.B. CO.	DRAFT GEAR YOKE - CAST STEEL	BOLSTER - CAST STEEL	
AIR BRAKE SCHEDULE - 'AB' 10" X 12"	END LOAD RATIO - .0400	BRAKE BEAM - A.A.R. 2+	
BODY BOLSTER - BUILT UP STEEL	FLOORING - 2 3/4" WOOD SO. EDGE	BRAKE BEAM SAFETY - ANGLE ON SPRING PLANK	
BODY CENTER PLT. DROP FORGED	GENERAL DWG. OF CAR - WLE 4769	CENTER PLT. CAST INTEGRAL TO BOLSTER	
BODY SIDE BEARING - CAST STEEL	HAND BRAKE - UNIVERSAL DROP SHAFT	JOURNAL SIZE - 5 1/2" X 10"	
CENTER SILL - BUILT UP STEEL		SIDE BEARING - FRICTION TYPE O.H.S. BAR	

2 CARS	1957, 1995
6 CARS	1900, 1902, 1904, 1911, 1920, 1973
15 CARS	1907, 1910, 1933, 1945, 1960, 1964, 1956, 1959, 1962, 1967, 1971, 1982, 1985, 1992, 1996
48 CARS	1901, 03, 09, 12, 13, 14, 16, 17, 18, 19, 22, 25, 27, 1928, 29, 30, 32, 34, 35, 36, 37, 38, 40, 41, 44, 1946, 49, 51, 52, 53, 55, 58, 60, 61, 63, 66, 69, 1970, 74, 75, 78, 79, 81, 86, 88, 89, 91, 97

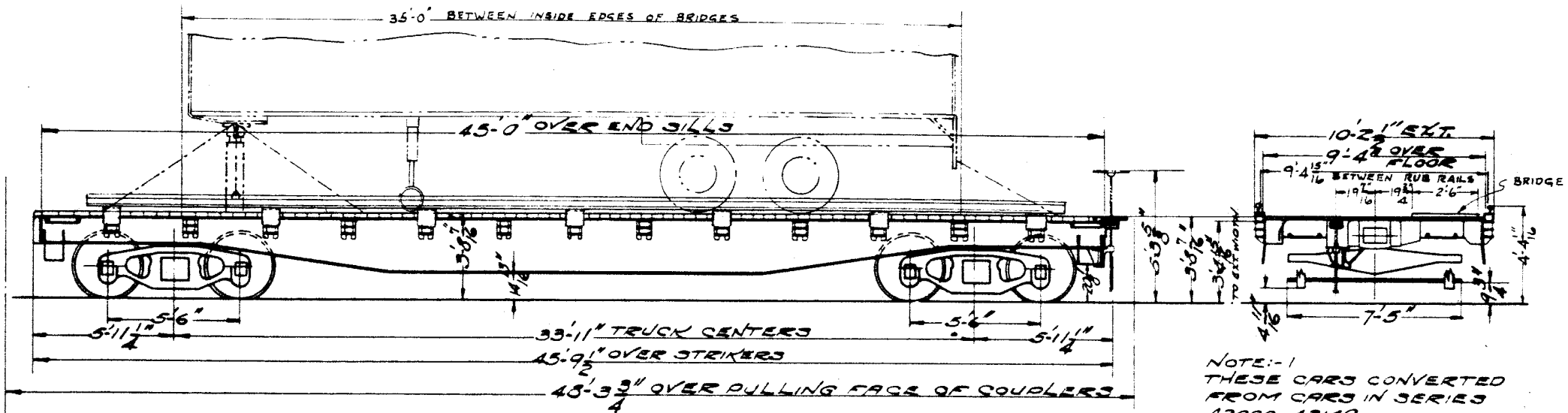
LONGITUDINAL TIE DOWN EQUIPMENT					MISCELLANEOUS DATA				
ITEM	2 CARS	6 CARS	15 CARS	48 CARS	ITEM	2 CARS	6 CARS	15 CARS	48 CARS
ARRANGEMENT DWG.	BRANDON 6458-T8 AND 6700-	158-8-75	158-2-121 AND 158-7-140		BRIDGE	5/16" MULTI-GRIP PLATE DWG. 158-9-141			
CHAIN		5/8" PROOF COIL	3/8" ALLOY	3/8" ALLOY	BRIDGE BALACER	WINE RAILWAY APPLIANCE CO. TORSION SPRING			
CHAIN TIGHTENER	WINCH & CABLE	P.K. #9402 TURNBUCKLE BRANDON #1882 RATCHET BINDER			BRIDGE POSITIONER	ANGLE AND BAR - DRAWING 158-9-141			
SHOCK ABSORBER	RUBBER IN WINCH	A.A.R. 1915 OUTER COIL SPRING			WHEEL CHOCKS	BRANDON NO. 5001-T	SHOP MADE	BRANDON NO. 5001-T	
TURNBUCKLE LOCKING BAR	NONE	DWG 158-2-183	NONE	NONE	JACK	BRANDON NO. 7400-F MODEL D	TEMP. KENLY NO. 9318	DUFF NORTON SK-1723-RC	15 CARS - BRANDON NO. 7100F - OTHERS MISC
ANCHOR	PLATE & RIVET	PLATE & BOLTS	PLATE & BOLTS	CASTINGS & RIVETS	JACK CHAIN TIE DOWN PLATE	BRANDON NO. 7250	NONE	NONE	NONE
LATERAL TIE DOWN EQUIPMENT					SIDE RAIL & FLOOR ARRANGEMENT DWG.	158-8-161	158-8-101	158-8-122	158-9-148
ARRANGEMENT DWG.	BRANDON WINCH	158-8-78	158-8-78	158-2-121 & 158-4-140	YEAR CONVERTED TO P.I.S.T. BACK CARS	DEC. 1956	DEC. 1954	JUNE 1956	1956-1957
CHAIN	CABLE & CHAIN NO. 6M4 & 655-1	1/2" PROOF COIL	1/2" PROOF COIL	3/8" ALLOY					
CHAIN TIGHTENER		CLAMPING LEVER	CLAMPING LEVER	#1882 RATCH BINDER					
SHOCK ABSORBER	RUBBER IN WINCH	A.A.R. 1915 INNER COIL SPRING							
ANCHOR	PLATE	BUILT UP WITH BARS		CASTING					

**FLAT CAR**  
EQUIPPED FOR HAULING HIGHWAY TRAILERS

**NKP**  
MECHANICAL DEPARTMENT  
CLEVELAND, OHIO      JUNE 5, 1968

REVISIONS

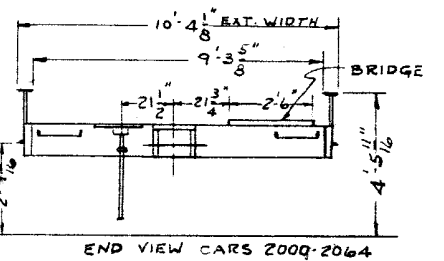
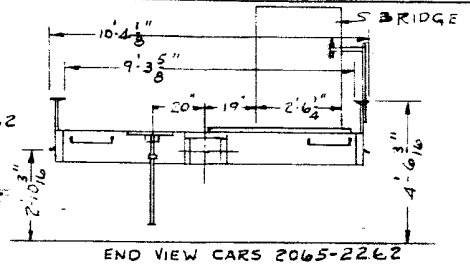
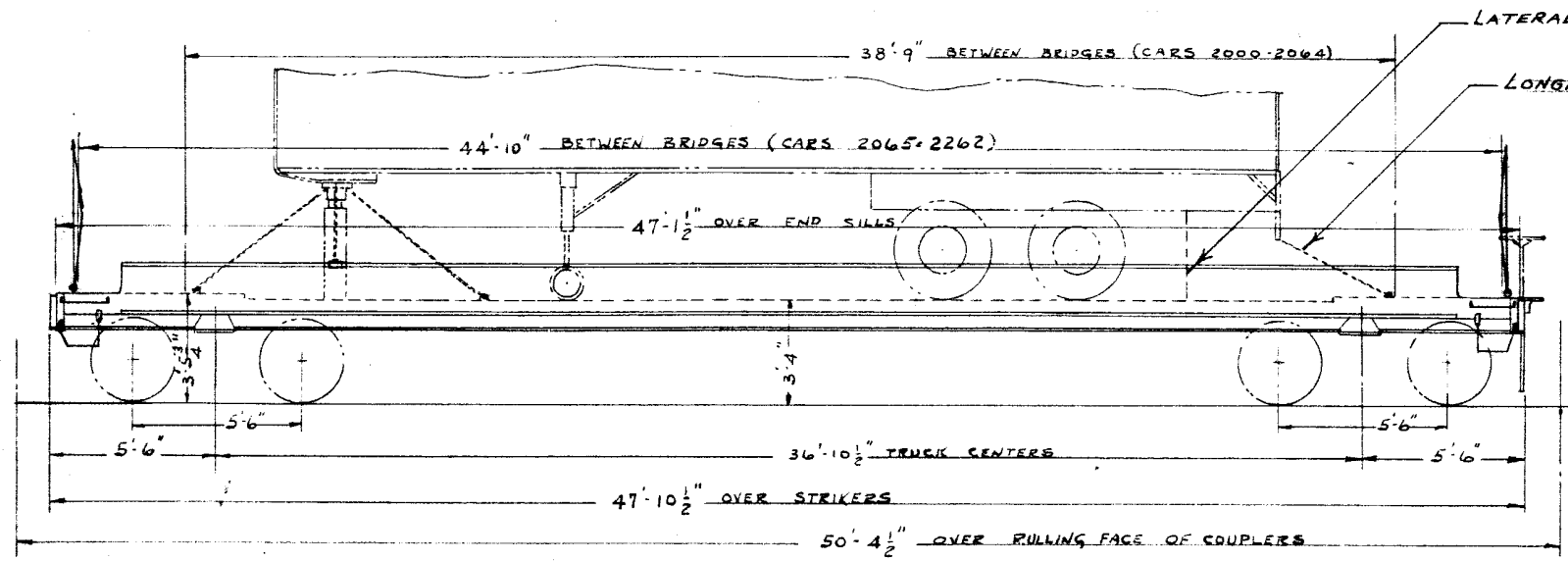
DR	TR	CH.	GROUP NO.	SHEET NO.
EFC	EFC	OHS	19	3



NOTE:-1  
THESE CARS CONVERTED  
FROM CARS IN SERIES  
42000-42149.

GENERAL FLAT CAR DATA		FLOORING 2 3/4" SQ. EDGE WOOD		TIE-DOWN EQUIPMENT		MISCELLANEOUS DATA		CARS		
BUILT BY - ILL. CAR & MFG. CO.	GENERAL ARRANGEMENT OF FLAT CAR - 139-11-310	ARRANGEMENT DWG. 158-2-201	BRIDGE - BRANDON ROLL-OUT TYPE 12205	LONGITUDINAL		DRAWING 158-8-212		2601, 02, 03, 06, 08, 10, 12, 15, 16, 2617, 18, 19, 21, 22, 24, 25, 26, 27, 2628, 29, 30, 33, 34, 35, 38, 39, 42, 2643, 45, 49		
YEAR BUILT - 1922. CONVERTED - 1939	HAND BRAKE - URECO DROP SHAFT	CHAIN - 1/2" ALLOY	BRIDGE BALANCE - NONE							
YEAR CONVERTED TO TRAILER HAULING - 1958	SIDE BEARING CENTERS - 5'-0"	CHAIN TIGHTENER - BRANDON #1891 TURNBUCKLE	BRIDGE BRACE - NONE	LATERAL		WHEEL CHOCKS - BRANDON #5001-T		FLAT CAR EQUIPPED FOR HAULING TRAILERS		
AVERAGE LOAD LIMIT - 95800 LBS.	UNDERFRAME - STEEL	SHOCK ABSORBER - BRANDON #3632 - CHAIN MOLDED IN RUBBER	JACK - BRANDON #7401-F DUAL							
AVERAGE LIGHT WEIGHT - 46200 LBS.	TRUCK DATA		JACK CHAIN TIE DOWN PLT. - BRANDON #7650 INTEGRAL WITH JACK	LATERAL		SIDE RAIL & FLOOR ARRANGEMENT DWG 158-9-192		NKP MECHANICAL DEPARTMENT CLEVELAND, OHIO JUNE 11, 1958		
BUILDERS LOT NO -	BOLSTER - CAST STEEL - PATT. A - 852	ARRANGEMENT DWG. 158-2-200	ANCHOR - PLATES & BOLTS							
AIR BRAKE MFG. - N.Y.A.B.	BRAKE BEAM - A.A.R. NO. 2	CHAIN - 3/8" ALLOY	REVISIONS		GROUP NO. 19		SHEET NO. 4			
AIR BRAKE SCHEDULE - "AB"	BRAKE BEAM SAFETY - 3"x2 1/2"x 1/4" ANGLES	CHAIN TIGHTENER - BRANDON #1890 TURNBUCKLE								
BODY BOLSTER - BUILT UP STEEL	CENTER PLT. - CAST INTEGRAL WITH BOLSTER	SHOCK ABSORBER - BRANDON #3632	DR. EFC		CH. OH5					
BODY CENTER PLATE - CAST STEEL - PATT. S134-183	JOURNAL SIZE - 5 1/2" x 10"	ANCHOR - CASTING								
BODY SIDE BEARING - STEEL PLATE	SIDE BEARING WOODS ROLLER TYPE	WEIGHT OF ONE TRUCK 7850 LBS.								
CENTER SILL - 2-12" CHAN 25" 2-1/2" x 3 1/2" x 3 1/2" ANGLES	SIDE FRAME - CAST STEEL - PATT. A - 861									
CENTER SILL AREA - 28.64 SQ. IN.	SPRING - A.A.R. TYPE "C" STANDARD	CENTER PLATE HEIGHT - 2' 2 1/2"								
CENTER SILL COVER PLATE 20" x 1 1/2"	WHEELS 33" DIA. CAST IRON									
COUPLER - A.A.R. TYPE E, 6" X 8" SHANK, BOTT OPERATING	WHEELS 33" DIA. CAST IRON	END LOAD RATIO .0393								
COUPLER RELEASE RIGGING - BOTT. OPERTS. SHOP MADE	WHEELS 33" DIA. CAST IRON									
DRAFT GEAR - MINER A-18-S-2	END LOAD RATIO .0393									
DRAFT GEAR ATTACHMENT C.S.YCKE										

AVG. LD. LMT.	AVG. LT. WT.	CAR NOS.
75,000 LBS.	39500 LBS.	2000-2064
75,000 LBS.	42000 LBS.	2065-2262



NOTE -1:  
 95 CAR SETS NATIONAL MF 400 RUBBER DRAFT GEAR  
 80 CAR SETS CARDWELL MARK 40 FRICTION DRAFT GEAR  
 85 CAR SETS MINER RF-333 RUBBER & FRICTION DRAFT GEAR

NOTE -2:  
 THESE CARS CONVERTED FROM CARS  
 IN SERIES 20000-20199 & 20500-20699

GENERAL FLAT CAR DATA		TIE DOWN EQUIPMENT		MISCELLANEOUS DATA	
BUILT BY - P.S.C. MFG. MICHIGAN CITY, IND.	FLOORING - 1/4" MULTI-GRIP ENDS, 2 3/4" S.E. WOOD	ARRG'T DWGS: 158-2-201, 158-2-278	JACK - BRANDON # 7401-F DUAL	CARS 2000-2064 ONLY	
YEAR BUILT - 1940 (ORIGINAL BOX CAR)	HAND BRAKE - UNIVERSAL DROP SHAFT	CHAIN - 3/8" ALLOY	JACK CHAIN TIE DOWN PLT. - INTEGRAL WITH JACK		
YEAR CONVERTED TO TRAILER HAULING - 1960	SIDE BEARING CENTERS 4'-2"	CHAIN TIGHTENER - BRANDON #189 TURNBUCKLE	WHEEL CHOCKS BRANDON # 5001-T	CARS 2065-2262 ONLY	
AVERAGE LOAD LIMIT - SEE TABLE	UNDERFRAME - STEEL	SHOCK ABSORBER - BRANDON # 3632			
AVERAGE LIGHT WEIGHT - SEE TABLE		CHAIN MOLDED IN RUBBER		BRIDGE - BRANDON ROLL-OUT TYPE 13046 DODGE STEEL CO. DWG. 13046	
BUILDER'S LOT NO. - 3604-A 8 3604-C	TRUCK DATA	TURNBUCKLE LOCKING ROD - NONE			
AIR BRAKE MFG. N.Y.A.B. CO.	BOLSTER - HI-TENSILE CAST STEEL	ANCHOR - PLATES & BOLTS	UNDERFRAME ARRANGEMENT DWG. 133-11-123	MECHANICAL DEPARTMENT CLEVELAND, OHIO SEPT. 2, 1959	
AIR BRAKE SCHEDULE - "A B"	BRAKE BEAM - A.A.R. NO. 15	ARRG'T DWGS. 158-2-200, 158-2-279			
BODY BOLSTER - BUILT UP STEEL	BRAKE BEAM SAFETY - 8" x 2 1/2" x 1/4" ANG.	CHAIN - 3/8" ALLOY		REVISIONS	
BODY CENTER PLT. DROP FORGED	CENTER PLT. - CAST INTEGRAL WITH BOLSTER	CHAIN TIGHTENER - BRANDON #1890 TURNBUCKLE			
BODY SIDE BEARING - DROP FORGED	JOURNAL SIZE - 5 1/2" x 10"	SHOCK ABSORBER - NONE		DR. T.R. CH. GROUP NO. SHEET NO.	
CENTER SILL - 3L3" A.A.R. ZEE SECTION	SIDE BEARING - FRICTION TYPE	ANCHOR - PLATES & BOLT			
CENTER SILL AREA - 18.4 SQ. IN.	SIDE FRAME - C.S. DOUBLE TRUSS, INTEGRAL BOX			10-31 60	
COUPLER - A.A.R. TYPE "E" - BOTTOM OPERATING	SPRING - 4 A.A.R. DOUBLE COIL 1936 & 1 SNUBBER				
COUPLER RELEASE RIGGING - BOTT. OPERTS SHOP MADE	WHEELS - CAST IRON			EFC EFC PHS 19 5	
DRAFT GEAR - NOTE -1:	WEIGHT OF ONE TRUCK - 7680 #				
DRAFT GEAR ATTACHMENT - C.S. YOKE	CENTER PLT. HEIGHT 2'-13 1/4"			BRIDGE - WINE TORSION SPRING BALANCE TYPE DWG. 154-9-247	
END LOAD RATIO .057					
				UNDERFRAME ARRANGEMENT DWG. 133-11-125	

