JK
28 pgs
12/93

MARK
EVANS

ANN ARBOR RAIL ROAD

EQUIPMENT

ANN ARBOR FREIGHT CARS

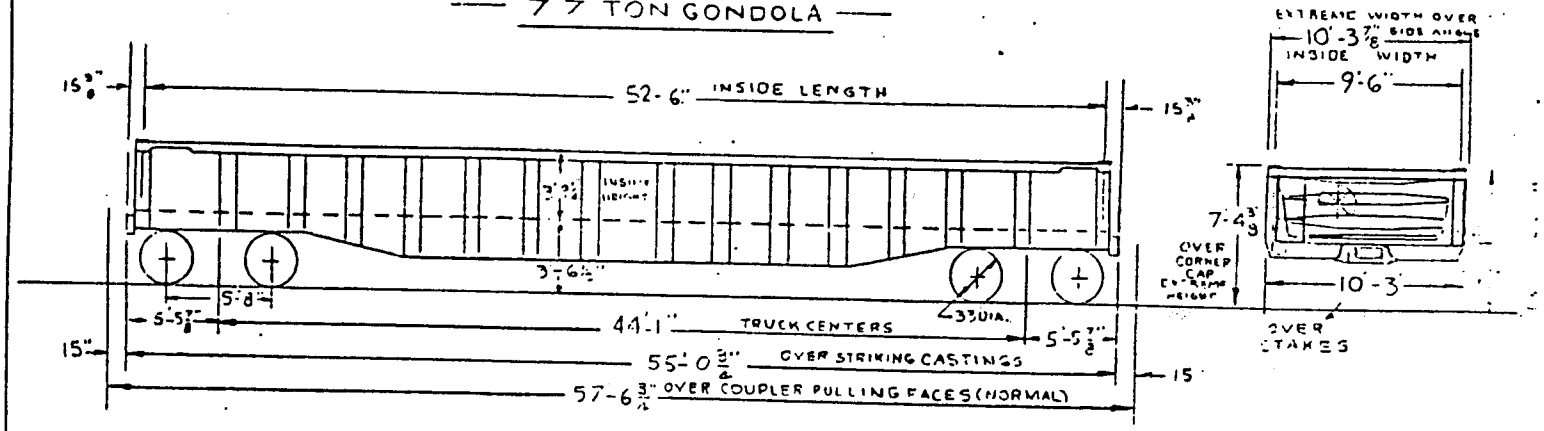
CAR NOS.	BUILDER	TYPE	NO. CARS	PAGE
2000-2094	GREENVILLE	GON	95	AA5-1
1-60	PULLMAN	COV. HOPPER	56	A.A.6-1
61-135	"	" "	74	A.A.6-2
136-185	A.C.F	" "	48	A.A.6-3
500-599	GREENVILLE	" "	100	A.A.6-4
250-298	WABASH R.R.	BOX	48	A.A.7-1
1000-1099	A.C.F	"	93	A.A.7-4
1200-1399	PULLMAN	"	67	A.A.7-5
1400-1409	"	"	9	A.A.7-6
13603, 13744	G.A.T.C.	BOX	2	7-4

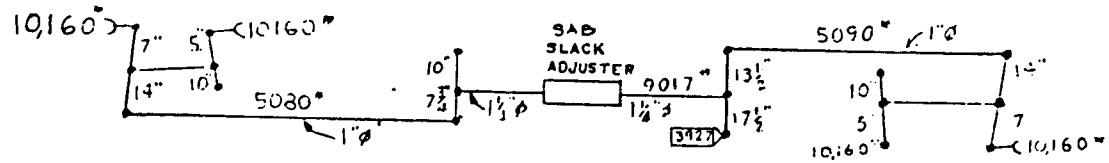
REV. 1/66 1/66

CAR NOS.	BUILDER	TYPE	NO. CARS	PAGE
15000-15249	PULLMAN	BOX	5	[illegible]
15000-15249	"	" -77 TON	3	[illegible]
16534, 16686	"	"	2	[illegible]
19650-19674	A. C. F.	INS. BOX	9	7-24
19636	GREENVILLE	" "	1	
69000, 69012	THRALL	BOX	2	[illegible]
" "	(CLEARANCE	DIAGRAM)	—	[illegible]
69001, 02, 07	GREENVILLE	BOX	3	[illegible]
" " "	(CLEARANCE	DIAGRAM)	—	[illegible]
69003, 4, 5, 6, 8, 9, 10, 11	THRALL	BOX	8	[illegible]
" " " " " " "	(CLEARANCE	DIAGRAM)	—	[illegible] 7-15

AA5-1

77 TON GONDOLA

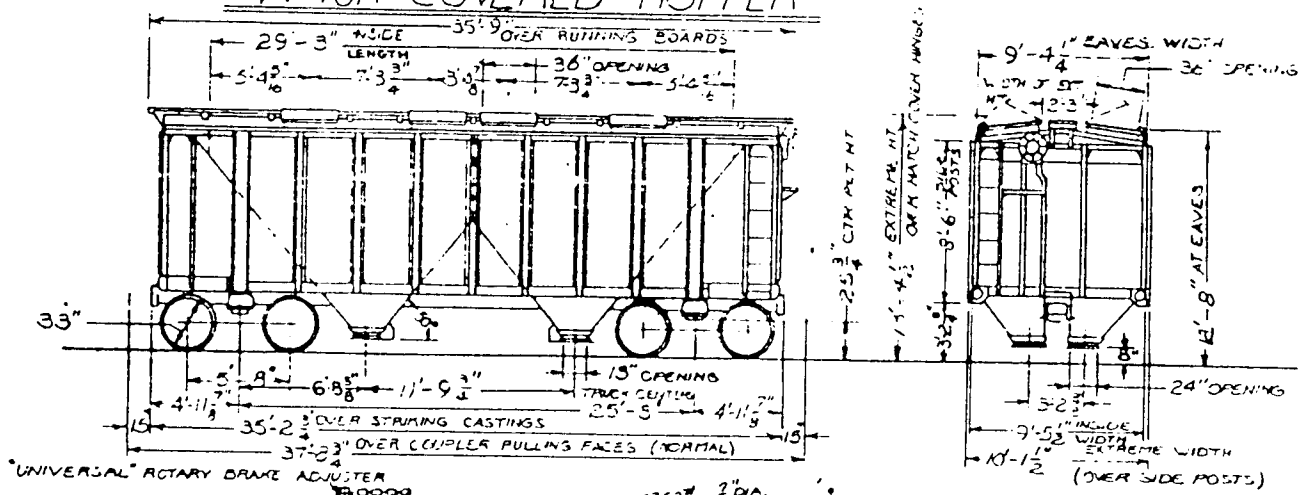


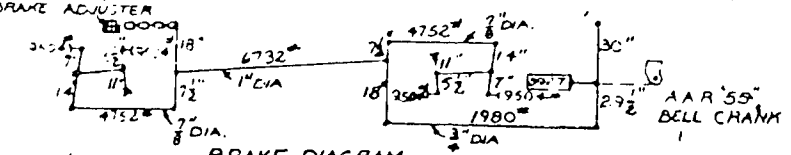


BRAKE DIAGRAM

		LESSOR	U.S. LEASING INTER	LEASE 4172 TERM
— GENERAL —	DRAFT GEAR: MINER A-22 XB		SIDEFRAME: AAR CODE-F [illegible]	
BUILDER-GREENVILLE STEEL CAR CO.	" " ATTACHMENT: CS. YOKE BSC.		PATT. NO. [illegible] O.T.S.I. DWG. [illegible]	
YEAR BUILT: 1944 REWORKED 1968	ENDS: STANRAY 3E-3771-C (DWG. W-5486)		JOINT NO. [illegible]	
BUILDERS REF: 00-44	END SILLS: [illegible] 20.7 LBS C		STRIKING [illegible] INNER CO.	
R.R. CO SPEC NO-110	FLOORING 3/8 STEEL PLATE		TYPE OF TRUCK: [illegible] SARBER	
A.A.R. CLASS: GB	GENERAL DWG. 19179 O.T.S.I. V-2448		NARROW PELVITAL ROLLER	
NO. BUILT: 100 NO. REWORKED 95	HAND BRAKE: EQUIPCO 3760-E 1942			
CAPY: 1880 CU. FT.	SIDE SILL: FISHBELLY		WHEELS: 33" CNE WEARCAST STEEL	
AVERAGE LT WT.: 65,700	SIDE BRG CENTERS: 4'-2"			
" LOAD LIMIT: 154,300	TOP SIDE ANGLE: 5"x4 1/2"x3/8" BULB ANGLE			
	TOP SIDE ANGLE REINFORCEMENT: 5"x5"x3/8" ANGLE			
— BODY —	— TRUCK —			
AIR BRAKE MFR: N.Y.A.B.CO.	BOLSTER: AAR CODE-675-0CEB-FN, BUCKEYE PATT.			
" " SCHEDULE: AR-10	NO. B-[illegible] O.T.S.I. DWG. W-9[illegible] " A.A.R. IDEN "			
BODY CENTER PLT.: 13 3/4" FORGED STEEL	NO. B-1245 ROLLER BEARING			
" SIDE BRG 3/8" HARDENED STEEL PLT.	BRAKE BEAM: 2000-2016 - *24		CARS: 2000-2094	
CENTER SILL: C.B. 3-26 36.2 LBS./FT.	2017-2094 - *18			
" "	GENERAL L[illegible] O.T.S.I. DWG. Y-9053		ANN ARBOR RAILROAD	
" " AREA: 21.30 SQ IN	JOURNALS 6"x11"		MECHANICAL ENGINEERING DEPT.	
COUPLER: "E" 6 1/2" x 8" SLOTTED BOTTOM	JOURNAL BEARINGS: HYATT 6"x11"		— REVISION —	
COUPLER RELEASE RIG.: IMPERIAL ROTARY	SIDE BEARINGS: SINGLE ROLLER TYPE STUKI 656-G			
STANRAY-10-1557-B (O.T.S.I. DWG. [illegible])	(O.T.S.I. DWG. Y-1470)			

-77-TON COVERED HOPPER-





BRAKE DIAGRAM

PULLMAN VIBRATOR ATTACHMENTS
PATT. NO. S-7319-4 PER CAR

-GENERAL-

BUILDER: PULLMAN-STANDARD CAR MFG CO
YEAR BUILT: 1949
BUILDERS REF: 5949 (WABASH SPEC 55-271)
A.A.R. CLASS: LO
NC BUILT: 60
CAPACITY 1958 CU.FT.
AVERAGE LT WT: 51,000 LBS.
AVERAGE LOAD LIMIT 169,000 LBS.

-BODY-

AIR BRAKE MFG:
AIR BRAKE SCHEDULE: AB1012
BODY CENTER PLATE: 13⅝" DROP FORGED
BODY SIDE BEARING:
CENTER SILL: 2-12" @ 35# C.B. CHANNELS WITH ⅝"×12" TOP COVER PLATE
CENTER SILL AREA 23.28 SQ.IN.
COUPLER: TYPE E-60 6½"×8" SLOTTED BOTTOM OPERATED
COUPLER RELEASE MISSING STD. RY EQUIP N-7233
DOORS: HOPPER-"ENTERPRISE"
ROOF - PULLMAN

DOOR FIXTURES: HOPPER-ENTERPRISE-SCHEDULE 1087
DOOR FIXTURES: ROOF-PULLMAN
DRAFT GEARS: CARD-WEST NY-11-F
DRAFT GEAR ATTACHMENT: CAST STEEL YOKE (STAD)
END SILL: 9"@18⅝# C.B. CHANNEL
GENERAL DWG: PSC 58986-A (DT11 DWG V-6595)
HANDBRAKE: UNIVERSAL 5760-6232-A
RUNNING BOARD: APEX (DT11 DWG V-7103)
SIDE BEARING CENTERS: 4'-2"
SIDE PLATE: 4½"@ 10.3⅝# ZEE
SIDE SILL: 6"×3½"×⅜" ANGLE

-TRUCK-

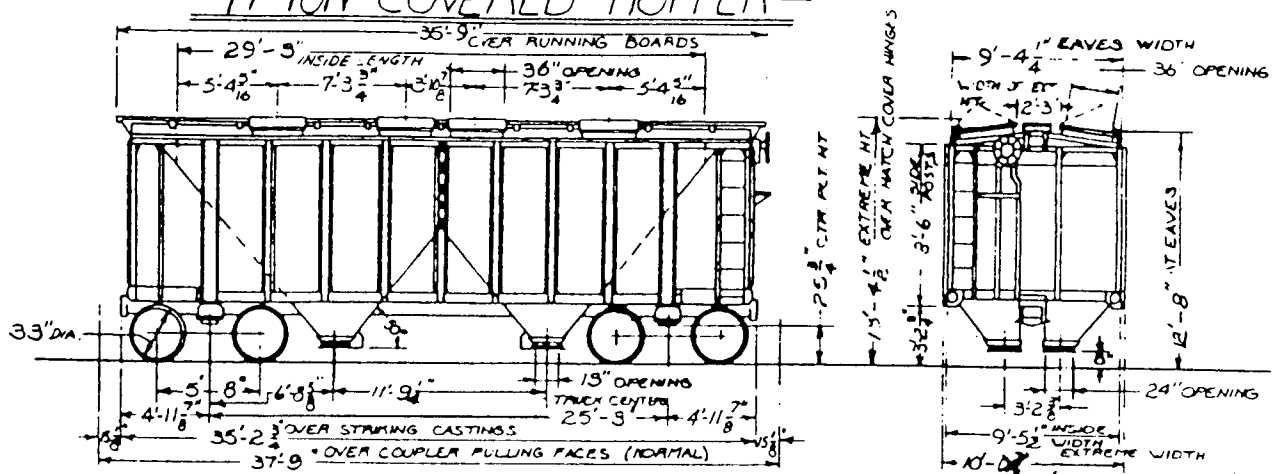
BOLSTER: ASF PATTERN NO. 21904-J
(DT11 DWG. NO. W7116) A.A.R. IDEN. NO. 1227
A.A.R. CODE: B7A-DIEE-MN
BRAKE BEAM UNIT #18 (CAST STEEL)
GENERAL DWG: ASF 59689-A (DT11 DWG. W-7339)
JOURNALS: 6"×11"
SIDE BEARINGS: MONOCAST INTEGRAL POCKET ON BOLSTER
SIDE FRAME: ASF PATTERN 21904-J (ORIGINAL)
ORIGINAL WITHOUT WASTE RETAINER RIBS

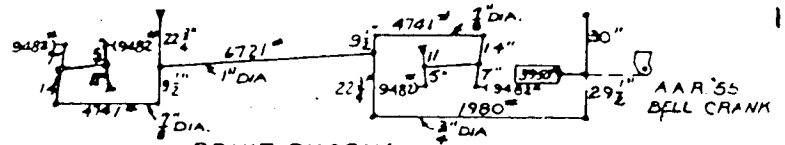
SIDE FRAME (CONT'D): A.A.R. CODE F7A-[illegible]
A.A.R. IDEN. No. 616 [illegible]
SPRINGS: 2¾" TRAVEL A.A.R. D-2
14 OUTER, 2 INNER COILS PER TRUCK
TRUCK WEIGHT: 8250 LBS.
TYPE OF TRUCK: 70 TON A-3 RIDE CONTROL
SPRING PLANKS [illegible]
UNIT BRAKE BEAM
WHEELS: 33" (WEAR WHOT STEEL) B-33

CARS: 1-60
ANN ARBOR RAILROAD
MECHANICAL ENGINEERING DEPT. 11-2-64

-REVISIONS-

-77-TON COVERED HOPPER-





BRAKE DIAGRAM

-GENERAL-

BUILDER: PULLMAN-STANDARD CAR MFG. CO.
YEAR BUILT: 1930
BUIDER'S REF: 5974 (WABASH SPEC. C5-2B)
A.A.R. CLASS: LO
NC BUILT: 75
CAPACITY: 1955 C.I.F.
AVERAGE LT. WT: 82250 LBS.
AVERAGE LOAD LIMIT: 169800 LBS.

-BODY-

A.P. BRAKE MFG: WESTINGHOUSE AIR BRAKE CO.
AIR BRAKE SCHEDULE: AB1012
BODY CENTER PLATE: 13 1/2" DROP FORGED
BODY SIDE BEARING: CARNEGIE-ILL. SECTION M-4198
CENTER SILL: 2-12" @ 35# ft. 'C.B.' CHANNELS WITH 5/8"×12 1/2" TOP COVER PLATE
CENTER SILL AREA: 23.28 SQ. IN.
COUPLER: TYPE E-60 6 1/2"×8" SLOTTED BOTTOM OPERATED
COUPLER RELEASE RIGGING: STD. RY EQUIP. [illegible]
DOOR: HOPPER: "ENTERPRISE"
ROOF: PULLMAN

DOOR FIXTURES: HOPPER-ENTERPRISE-SCHEDULE 2002
DOOR FIXTURES: ROOF: PULLMAN
DRAFT GEARS:
DRAFT GEAR ATTACHMENT: CAST STEEL YOKE [illegible]
END SILL: 9" @ 18 3/4 lb. STD. CHANNEL
GENERAL DWG: P.S.C. 8/7-E-B-B (DT/I DWG.)
HANDBRAKE:
RUNNING BOARD: APEX (DT/I DWG. V-7103)
SIDE BEARING CENTERS: 4'-2"
SIDE PLATE: 7/16" @ 10 3/4 lb. BLE
SIDE SILL: 6"×3 1/2"×5/16" ANGLE

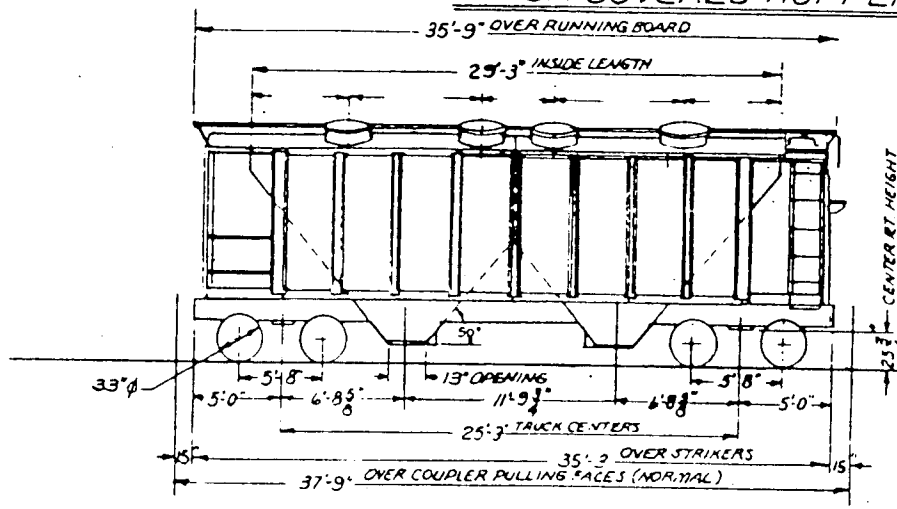
-TRUCK-

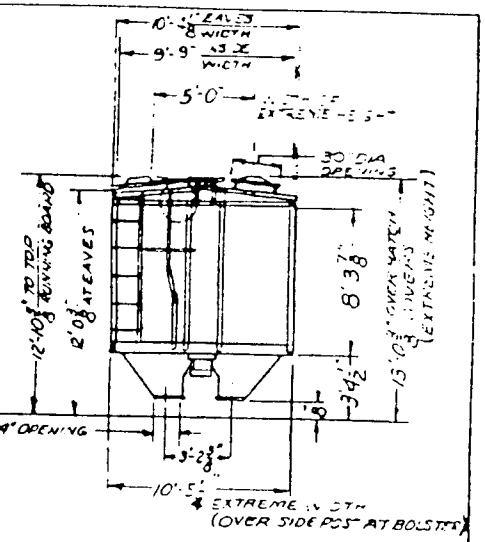
BOLSTER: A.S.F. PATTERN NO. 21704-AK
(DT/I DWG. NO. W-4658) A.A.R. IDEN. NO. 1227
A.A.R. CODE: B7A-OIEB-BN
BRAKE BEAM: UNIT #18 (CAST STEEL)
GENERAL DWG.:
JOURNALS: 6"×11"
SIDE BEARINGS:
SIDE FRAME: A.S.F. PATTERN 21804 F
ORIGINAL WITHOUT WASTE RETAINER RIBS

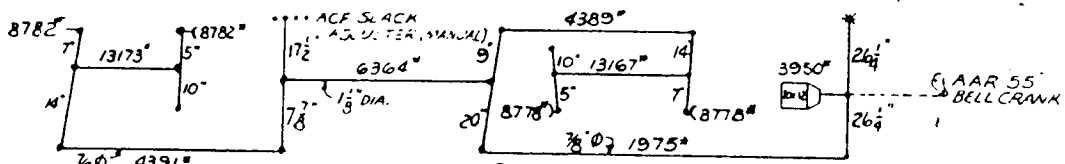
SIDE FRAME (CONT'D): A.A.R. CODE F7A-C1AB-1A (7 3/4"×7 3/4")
A.A.R. IDEN. NO. 646 (DT/I DWG. W-4964)
SPRINGS: 2 1/2" TRAVEL A.A.R. D-3
14 OUTER, 2 INNER COILS PER TRUCK
TRUCK WEIGHT: 8250 LBS.
TYPE OF TRUCK: 70 TON A-3 RIDE CONTROL SPRING PLANKNESS EQUIPPED FOR UNIT BRAKE BEAMS
WHEELS: 33" 1 WEAR WROT STEEL D-33

CARS: 61-135
ANN ARBOR RAILROAD
MECHANICAL ENGINEERING DEPT. 11-2-64
- REVISIONS -

– 77 TON COVERED HOPPER –



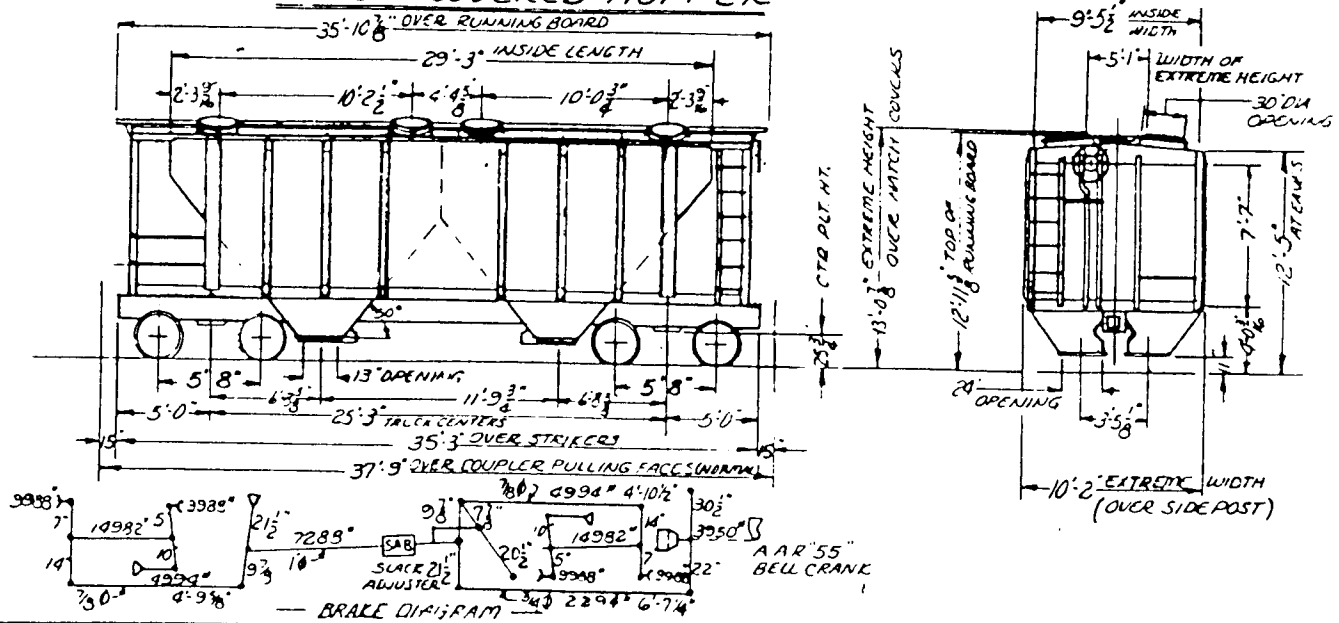




– BRAKE DIAGRAM –

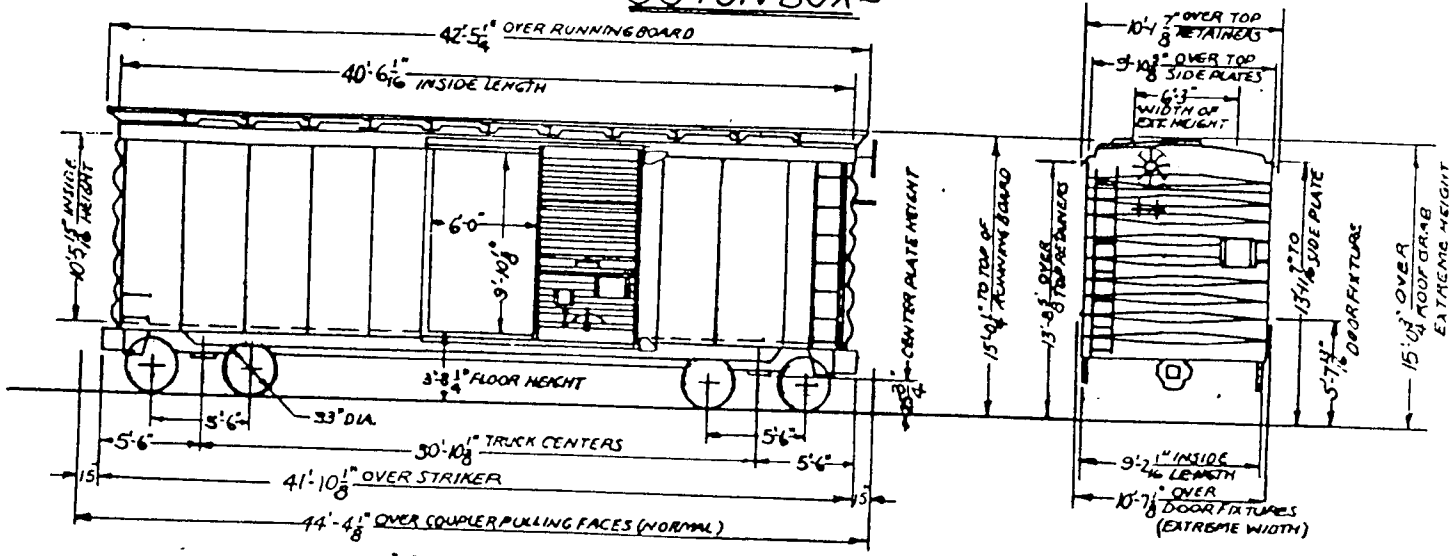
– GENERAL –		
BUILDER: AMERICAN CAR & FOUNDRY (BERWICK)	DRAFT GEAR: CARDWELL-WESTINGHOUSE NY-11-F	SIDE FRAME: SYM-WAYNE PATTERN "F-7159
YEAR BUILT: 1958	DRAFT GEAR ATTACHMENTS: CAST STEEL YOKE (B-Y40)	NARROW PEDESTAL JAW
BUILDERS REF: 01-5176-M	END SILL: 6"x3 1/2"x 5/8" ANGLE	A.A.R. CODE F7A-C1AU-JA
A.A.R. CLASS: LO	GENERAL DWG:	A.A.R. IDENT. NO. 755 27.81 DWG W-5536
NO. BUILT: 50	HAND BRAKE: AJAX 19377-K	SPRINGS: 2 1/2" TRAVEL AAR 2-3 14 OUTER
CAPY: 2006 CU FT.	RUNNING BOARD: APEX STEEL (3193-A)	AND 9 INNER COILS PER TRUCK
AVER. LT. WT. 51,400 LBS	SIDE BEARING CENTERS: 4'-2"	TYPE OF TRUCK: 70 TON A-3 RIDE CONTROL
AVER LOAD LIMIT: 168,600 LBS.	SIDE PLATE: 4"x3 1/2"x 3/16" BULB ANGLE	EQUIPPED FOR ROLLER BEARINGS
	SIDE SILL: 5"x3 1/2"x 3/8" ANGLE	SPRING PLANKLESS UNIT BEAMS.
		WHEELS: 1 WEAR WROT STEEL B-33
– BODY –	– TRUCK –	WEIGHT OF TRUCK: 8300 LBS.
AIR BRAKE MFG: WESTINGHOUSE AIR BRAKE CO.	BOLSTER: SYM-WAYNE PATT. 80-7168	
AIR BRAKE SCHEDULE: AB 1012	(O.T.B. DWG. W-7170) A.A.R. IDENT. NO.	
BODY CENTER PLATE: 13 3/4" DROP FORGED	A.A.R. CODE B7A-D1E2-BA	
BODY SIDE BEARINGS: 5/8"x4"x1'-2" PLATE	BRAKE BEAM: UNIT #18 (CAST STEEL)	
CENTER SILL: 2-51.2#/ft ROLLED ZEE SECTIONS	GENERAL DWG:	CARS: 136-185
CENTER SILL AREA: 30.12 SQ IN.	JOURNALS: 6"x11" ROLLER BEARING	
COUPLER "E" 6 1/4"x8" SLOTTED, BOTTOM OPERATED	JOURNAL BEARINGS: HYATT 6"x11" HY-ROLL	ANN ARBOR RAILROAD
COUPLER RELEASE RIGGING: STD. RY EQUIP CO. (IU-15813)	JOURNAL BEARING RETAINER:	MECHANICAL ENGINEERING DEPT. 12-22-69
DOORS: HOPPER-ENTERPRISE	SIDE BEARING: STUCKI 656-C	REVISION
ROOF-ACF		
DOOR FIXTURES: HOPPER-ENTERPRISE SCHEDULE 2253-B		
ROOF-ACF		

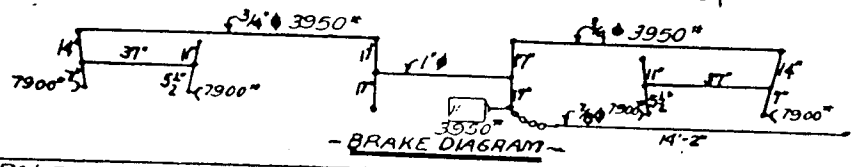
77-TON COVERED HOPPER



- GENERAL -	— BODY (CON'T) —	
BUILDER: GREENVILLE STEEL CAR	DOOR FIXTURES-ROOF: GREENVILLE	SPRINGS: 2 1/2" TRAVEL AAR D-3
YEAR BUILT: 1964	DRAFT GEARS: 50 3/4 MINER A-22-XL, 50 1/4 CARD WESTLAY II-F	TRUCK WEIGHT: 8650 LBS
BUILDER'S REF: 00 837	DRAFT GEAR ATTACHMENTS: CAST STEEL XREF (B-Y40)	TYPE OF TRUCK: 70 TON BARBER S-2-A
AAR CLASS: LO	END SILL: 5" x 3 1/2" x 3/8" ANGLE	STABILIZED, SPRING PLANK LESS
NO. BUILT: 100	GENERAL DRAWING	EQUIP. FOR UNIT BRAKE BEAM.
CAPY: 2003 CU. FT	HAND BRAKE: KLASING TYPE 1150	WHEELS: 33" I WEAR CAST STEEL CB-33
AVER. LT. WT. 51,200 LBS	RUNNING BOARD: APEX TYPE A-1 (DT&I DWG. W-6921)	
AVER. LOAD LIMIT: 168,900 LBS	SIDE BEARING CENTERS: 9'-2"	
	SIDE PLATE: 9" x 3 1/2" x 3/8" @ 11.9#/FT. BULB ANGLE	
	SIDE SILL: 6" x 3 1/2" x 3/8" ANGLE	
- BODY -	— TRUCK —	
AIR BRAKE MFG.: WESTINGHOUSE	BOLSTER: ASF PATTERN NO. 21704-AJ	
AIR BRAKE SCHEDULE: AS-612	(DT&I DWG. NO. W-6873) AAR IDENT. NO. 1227	
BODY CENTER PLATE: 13 3/4" DROP FORGED	A.A.R. CODE B75-QIEB-BN	
BODY SIDE BEARING: 9" x 3/8" SPRING STEEL PLT	BRAKE BEAM: UNIT #18	
CENTER SILL: 2-51.2#/FT. ROLLED ZEE SECTIONS	GENERAL DRAWING: DT&I DWG. W-6618	CARS: 500-599
CENTER SILL AREA: 30.12 SQ. IN.	JOURNALS: 6" x 11" (FLAT BACK BEARINGS)	
COUPLER TYPE: E-60, 6 1/2" x 8" SLOTTED, BOTTOM OPERATED	SIDE BEARINGS: STUCKI 656-C	ANN ARBOR RAILROAD
COUPLER RELEASE RIGGING: STD. RY EQUIP. (DT&I DWG. Y-6881)	SIDE FRAME: NATIONAL MALL PATTERN 33891-14	MOTIVE POWER DEPT. 6-15-64
CYLINDER RELEASE VALVE: WESTINGHOUSE "QRB"	WITH WASTE RETAINER RIBS-INTEGRAL	REVISION
DOORS-HOPPER: ENTERPRISE:	BOX AAR CODE F93-01AB-UA	
DOORS-ROOF: GREENVILLE	AAR IDENT. NO. 209 (DT&I DWG. W-6613)	3/65
DOOR FIXTURES-HOPPER: ENTERPRISE-SCHEDULE 2340		

— 55 TON BOX —

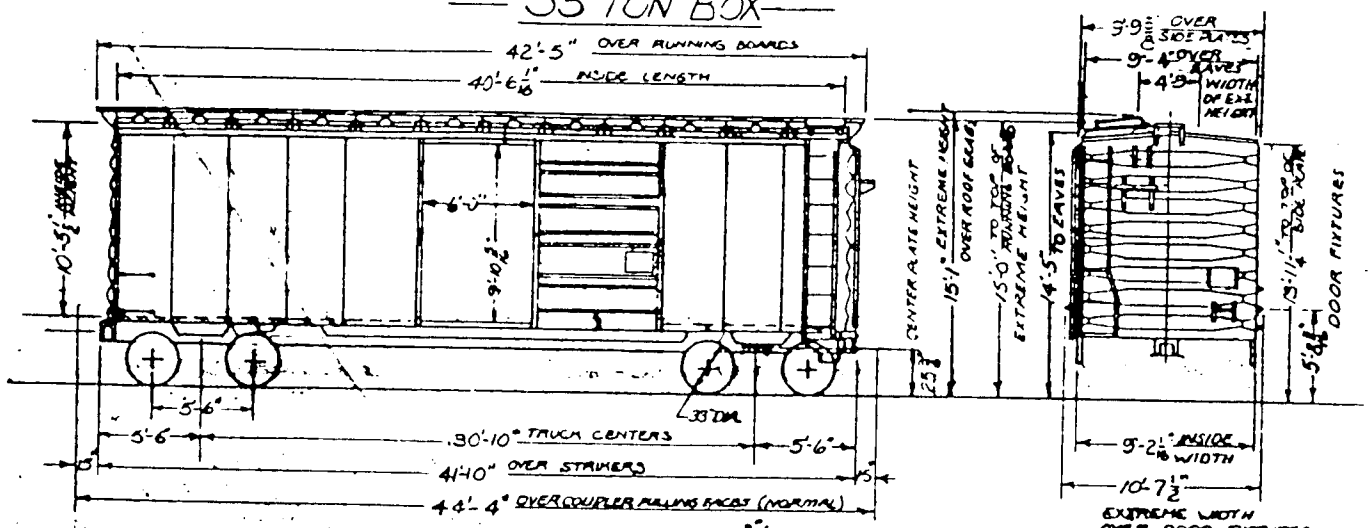


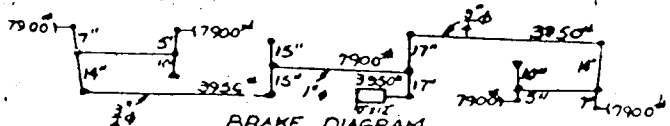


— BRAKE DIAGRAM —

— GENERAL —		
BUILDER: WABASH R.R. (DECATUR, ILL.)	END SILL 6" X 4" X 3/8" ANGLE	SIDE FRAME: ASF PATTERN NO. 21728-I WITH
YEAR BUILT: 1950	GENERAL DWG:	WASTE RETAINER RIBS, INTEGRAL BOX
BUILDERS REF: —	HAND BRAKE: MINER D-3290-XL	AAR CODE F5A-02AB-UA
AAR CLASS: XM	LINING: SIDE 23/32" T&G.	AAR IDENT NO 289 DT 81 DWG W-3444
NO. BUILT: 50	END 23/32" T&G	SPRINGS: 3 1/16" TRAVEL AAR [illegible] TER D-6 INNER
CAPACITY: 3832 CU. FT.	ROOF: STD. RY. EQUIPMENT CO. (7R-12712)	10 INNER & 10 OUTER COILS PER TRUCK
AVERAGE LIGHT WEIGHT: 47,000 LBS.	RUNNING BOARD: APEX (STEEL)	TYPE OF TRUCK: A-3 SIDE CONTROL, SPRING
AVERAGE LOAD LIMIT: 130,000 LBS.	SIDE SILL: 6" X 4" X 3/8" ANGLE	PLANKLESS, EQUIPPED FOR UNIT
— BODY —	SIDE BEARING CENTERS: 4'-2"	BRAKE BEAMS
AIR BRAKES MFG:	SIDE PLATE: ROLLED 2" U.S. STEEL SECT. S-281	WHEELS: 1 WEAR WROT STEEL A-33
SCHEDULE: AB 1012	SIDE SHEATHING: .10" STEEL — RIVETED	
BODY CENTER PLATE: 11 3/4" DROP FORGED		
BODY SIDE BEARING:		
CENTER SILL:		
CENTER SILL AREA:	— TRUCKS —	
COUPLER: E 6 3/4" X 8" SLOTTED, BOTTOM OPERATED	BOLSTER: A.S.F. PATT. NO. 21629-AR	CARS: 250-299
COUPLER RELEASE RIGGING: STD. RY. EQUIP. CO. (KV-18806)	D.T.&I. DWG. NO. AAR IDENT. NO. 1201	ANN ARBOR RAILROAD
DOORS: YOUNGSTOWN; TYPE 47 (D.T.&I. DWG. V-7038)	AAR CODE B5A-09EC-AN	
DOOR FIXTURES: CAMEL SALES	BRAKE BEAM: UNIT #18	MECHANICAL ENGINEERING DEPT. 12-9-64
DRAFT GEAR: CARDWELL-WEST. NY-11-F	GENERAL DWG.	— REVISION —
DRAFT GEAR ATTACHMENT: GRADE B C.S. YOKE (RY-40)	JOURNAL: 5 1/2" X 10"	
ENDS: STD. RY. EQUIPMENT CO. (5E-7076)	SIDE BEARING:	

55 TON BOX

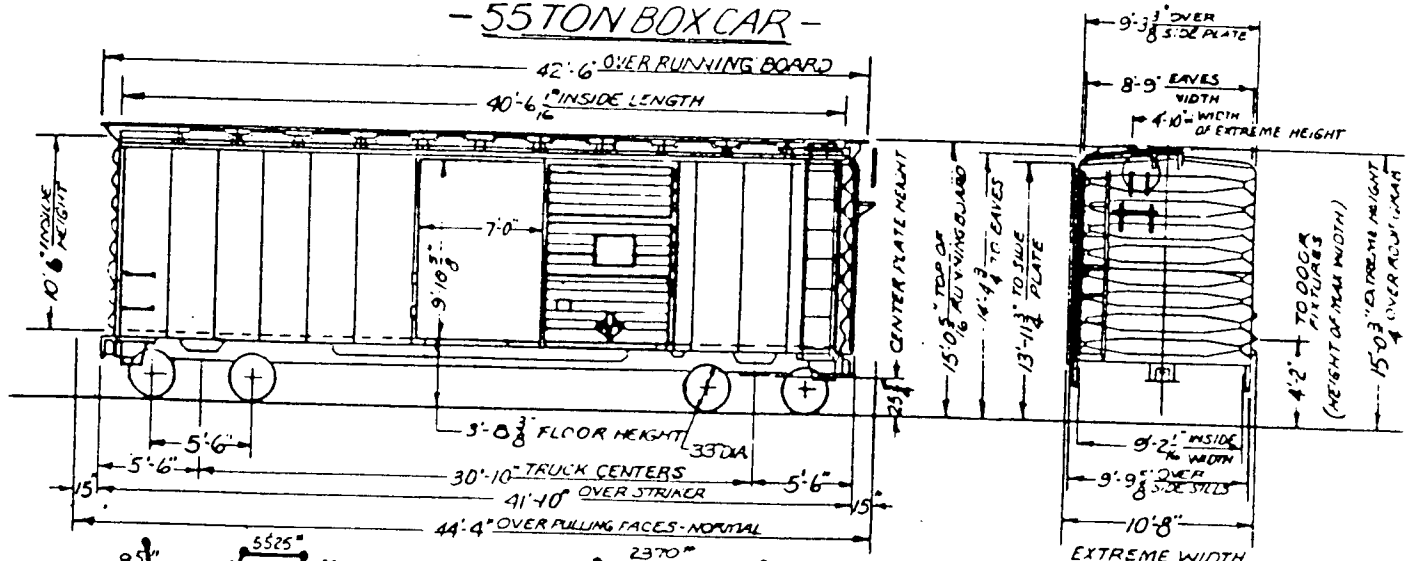


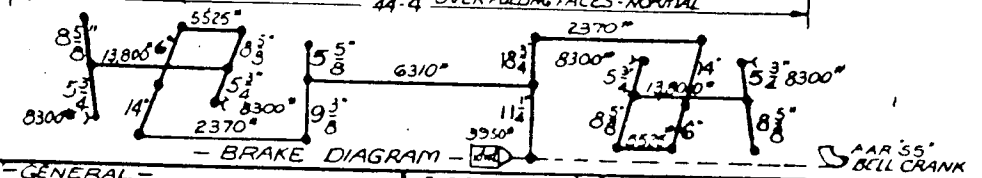


BRAKE DIAGRAM

- GENERAL -		
BUILDER: PULLMAN-STANDARD	ENDS: PULLMAN, TOP SHEET 3/16" BOTTOM SHEET 5/16"	SIDE FRAME: SCULLIN STEEL CO. PATT. 6313-A
YEAR BUILT: 1937	END SILL: NONE (BOTTOM END SHEET FLANGED)	WITH WASTE RETAINER RIBS. XTEGRAL
BUILDERS NO.: 8337	FLOOR: 3/16" M.C. FLOOR PROTECTION PLATE (3 FT.	BOX A.A.R. CODE F55-0208-UA
A.A.R. CLASS: XM	EACH SIDE OF 5/8" OVER 2"x4" T&G FLOOR)	A.A.R. IDENT. NO. .6
NO. BUILT: 100	GENERAL DWG: B-C 522-F-88-C (DWG. GD 1391)	DTSI DWG. 17757
CAPACITY: 5000 CUBIC FEET	HAND BRAKE: NUNCR 0-3290-XL	SPRINGS: 3/16" TRAVEL A.A.R. Q-5
AVERAGE LIGHT WEIGHT: 45,800 LBS	LINING: END: 25/32" T&G.	TYPE OF TRUCK: 50 TON BARBER S-2-C
AVERAGE LOAD LIMIT: 132,200 LBS	SIDE: 25/32" T&G.	STABILIZED SPRING SYSTEM: KLESS
	BODY: PULLMAN: DWG. 8329-N-13-C	EQUIPPED FOR UNIT BRAKE OPNS.
- BODY -	RUNNING BOARD: APPT. 2499-G	WHEELS: 33" WEAR WROT. STEEL A-33
AIR BRAKE EQ.: WESTINGHOUSE AIR BRAKE CO.	SIDE BEARING CENTERS: 4'-2"	
AIR BRAKE SYSTEM: 28-102	SIDE SILL: 6"x6"x3/8" ANGLE	
BODY CENTER PLATE: 11" DIA. FORGED	SIDE PLATE: POLLED RECTUS STEEL SECT. 3/8" 681	
BODY SIDE POSTS: CHANNEL-RU. SECTION M-4198	SIDE SHEATHING: 10" STEEL WELDED	
CENTER SILL: 24"x24" SQ.	- TRUCK -	CARS: 400-499
COUPLER: 7"x8" A.A.R. ROTARY BOTTOM OPERATED	BOLSTER: SCULLIN STEEL PATT. 6043-C	ANN ARBOR RAILROAD
COUPLER RETAINER: STA. XX EQUIP. NO. 13811 (DWG. XXM)	A.T.&I. DWG. W-7826 AAR IDENT. NO. 1425	
DOORS: SWING DOOR (DWG. W-7712)	AAR CODE: B55-08EA-BN	MECHANICAL ENGINEERING DEPT. 11-20-64
DOOR FIXTURES: STANDARD OR DOOR	BRAKE BEAM: SPEC. M (CAST STEEL)	- REVISIONS -
DRAFT GEAR: COMBINATION WESTINGHOUSE R-20	GENERAL DWG.	
DRAFT GEAR ATTACHMENTS: STANDARD C.S. YOKE (B-Y90)	JOURNALS: 5 1/8" x 10"	
	SIDE BEARINGS: STUCKI 636-C	

-55 TON BOX CAR-

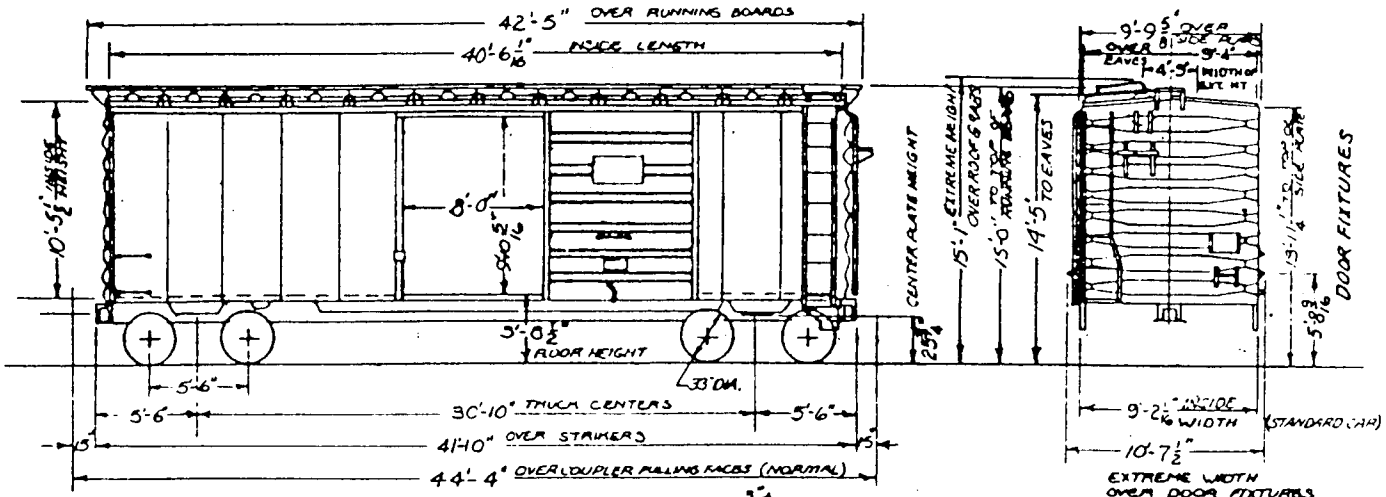




- BRAKE DIAGRAM -

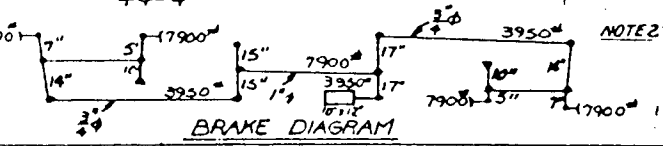
-GENERAL-		
BUILDER: AMERICAN CAR FOUNDRY (BERWICK)	END SILL: 6"x3 1/2"x5/16" ANGLE	AAR IDENT NO. 209 D T&I DWG W-3442
YEAR BUILT: 1951	FLOORING: 2 3/8"x5/16" OR 7" T&G	SPRINGS: 3 1/16" TRAVEL AARD-5 10 INNER AND
BUILDERS REF. 01-3494	GENERAL DRAWING: ACF 620-5024-J	10 OUTER COILS PER TRUCK
AAR CLASS: XM	HAND BRAKE: UNIVERSAL 5700-6232-A	TYPE OF TRUCK: A-9 RIDE CONTROL SPRING
NO. BUILT: 100	LINING END: 23/32" T&G	PLANKLESS, EQUIPPED FOR UNIT
CAPY: 3898 CU. FT.	SIDE: 23/32" T&G	BRAKE BEAMS
AVE. LT. WT. 46,700 LBS	ROOF: STD. RY. EQUIPMENT	WHEELS: 1 WEAR WROT STEEL A-33
AVE. LOAD LIMIT: 154,300 LBS.	RUNNING BOARD: APEX STEEL 2160-A	
-BODY-	SIDE BEARING CENTERS: 4'-2"	
AIR BRAKES MFG. WESTINGHOUSE AIR BRAKE CO.	SIDE PLATE: ROLLED 2 U.S. STEEL SEC. 3-201	
SCHEDULE: AB 1012	SIDE SILL: 6"x3 1/2"x5/16" ANGLE	
BODY CENTER PLATE: 11 3/4" DROP FORGED	SIDE SHEATHING: 10" H.R.S. WELDED	
BODY SIDE BEARING: DROP FORGED (ACF 220-3023)	-TRUCK-	
CENTER SILL: 2.36-2#/FT ROLLED ZEE SECTIONS	BOLSTER: ASF PATT. NO. 21629 BP	
CENTER SILL AREA: 21.3 SQ IN.	D T&I DWG. NO. AAR IDENT. NO.	CARS: 1000-1099
COUPLER: E 6 1/4"x8" SLOTTED, BOTTOM OPERATED	A.A.R. CODE BSA-03EG-DH	
COUPLER RELEASE RIGGING: STD. RY. EQUIPMENT (U-4256-A)	BRAKE BEAM: UNIT #18	ANN ARBOR RAILROAD
DOORS: YOUNGSTOWN TYPE 46 D T&I DWG V-7060	GENERAL DRAWING: ASF 70041-A D T&I DWG.	MECHANICAL ENGINEERING DEPT. 11-18-64
DOOR FIXTURES: CAMEL ROLLER LIFT	JOURNAL: 5 1/2"x10"	-REVISIONS-
DRAFT GEAR: MINER A-22-XL	SIDE BEARING: ACF 120-3070 (FRICTION TYPE)	
DRAFT GEAR ATTACHMENT: GRADE 8 (C.S. YOKE (Y-40)	SIDE FRAME: ASF PATT. NO. 31728 B WITH WASTE	
ENDS: STD. RY. EQUIP. TOP SHEET 3/16", BOT. SHEET 1/4"	RETAINER RING INTEGRAL BOX, AAR.	
	CODE BSA-0RAB-UA	

55 TON BOX



NOTE 1: THE FOLLOWING CARS ARE EQUIPPED WITH "PRECO" COMPARTMENTIZERS

1205	1242	1316	1338
1206	1276	1321	1347
1215	1300	1325	1372
1225	1303	1333	1380
1237	1309	1340	1381



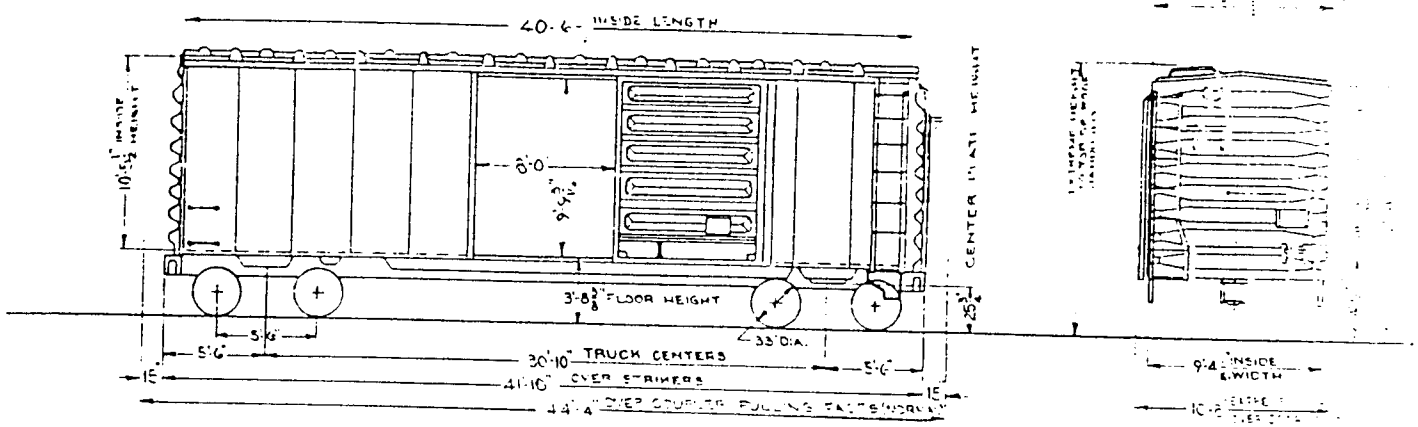
BRAKE DIAGRAM

NOTE 2: THE FOLLOWING CARS ARE EQUIPPED WITH 9 OF "EFCO'S" FOR GENERAL LOADING

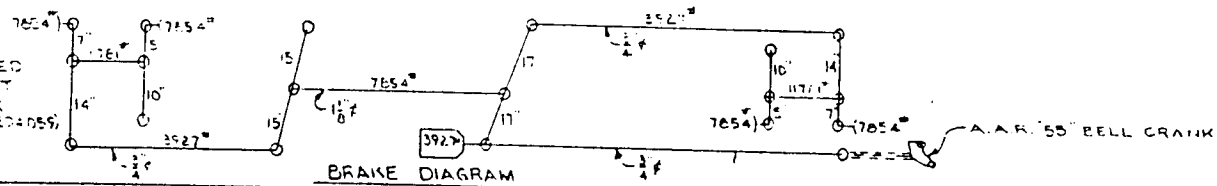
1202	1223	1241	1269	1330	1348	1373
1210	1224	1247	1270	1334	1351	
1211	1228	1256	1274	1341	1358	
1213	1234	1259	1287	1342	1361	
1214	1235	1261	1308	1344	1363	
1216	1236	1262	1322	1345	1368	

- GENERAL -	ENDS: PULLMAN, TOP SHEET 3/16" BOTTOM SHEET 3/16"	SIDE FRAME: SCULLIN STEEL CO. PATT. 6-15-A
BUILDER: PULLMAN-STANDARD	END SILL: NONE (BOTTOM END SHEET FLANGED)	WITH WASTE RETAINER RIBS, [illegible]
YEAR BUILT: 1937	FLOOR: 7/8" S.R.E.M.C.O. FLOOR PROTECTION PLATE (6 FT.	BOX. A.A.R. CODE F55-QBBC-UA
BUILDERS REF: 8338	EACH SIDE OF S. OLER 2"x4" T&G FLOOR)	A.A.R. IDENT. NO. 701 0-31 DWG V-7857
A.A.R. CLASS: XM (SEE NOTES)	GENERAL DWG: PSC 522-F-92-E (DWG D.T.92)	SPRINGS: 3" x 1/2" TRAVEL AAR D-5
NO. BUILT: 200	HAND BRAKE: MINER 0-3290-XL	TYPE OF TRUCK: 50 TON AARBER 3-2-C
CAPACITY: 5885 CUBIC FEET	LINING: END: 33/32" T.&G.	STABILIZED SPRING PLANKLESS
AVERAGE LIGHT WEIGHT: 92,200 LBS	SIDE: 25/32" T.&G.	EQUIPPED FOR UNIT BRAKE BEAMS.
AVERAGE LOAD LIMIT: 123,800 LBS	ROOF: PULLMAN DWG 526-H-13-C	WHEELS: 1 WEAR CAST STEEL CA-33 (1250-1399)
	RUNNING BOARD: APCI [illegible] 99-6	1 WEAR WROT STEEL A-33 (1200-1249)
- BODY -	SIDE BEARING CENTERS: 4'-2"	
AIR BRAKE MFG: WESTINGHOUSE AIR BRAKE CO.	SIDE SILL: 6" x 6" x 3/8" ANGLE	
AIR BRAKE CYLINDER: [illegible]	SILL PLATE: [illegible]	
BODY CENTER PLATE: 11 3/4" DROP FORGED	SIDE SHEATHING: .10" STEEL WELDED	
BODY SIDE BEARING: CARNEGIE-ILL. SECTION M-2198	- TRUCK -	CARS: 1200-1399
CENTER SILL: 2" x 2 1/2" ROLLED "ZEE" SECTION		
CENTER SILL AREA: 24.24 SQ. IN.	BOLSTER: SCULLIN STEEL PATT. 6843-C	ANN ARBOR RAILROAD
COUPLER: E 5 1/2" x 4" HOTTED BOTTOM OPERATED	AT. 9 DWG W-7856 AAR IDENT. NO. 1455	
COUPLER RELEASE RIGGING: STD. RY EQUIP 11-158	AAR CODE: 855-OBEA-BN	MECHANICAL ENGINEERING DEPT. 11-20-64
DOORS: SUPERIOR [illegible] 1800-A (DWG. W-7711)	BRAKE BEAM UNIT: [illegible] CAST STEEL	- REVISIONS -
DOOR FIXTURES: SUPERIOR CAR DOOR	GENERAL RMS.	
DRAFT GEAR: CARDWELL-WESTINGHOUSE R-20	JOURNALS: 5 1/2" x 10"	
DRAFT GEAR ATTACHMENTS: GRADE B-C.S. YOKE (B-Y40)	SIDE BEARINGS: STUCKI 636-C	

55 TON BOX



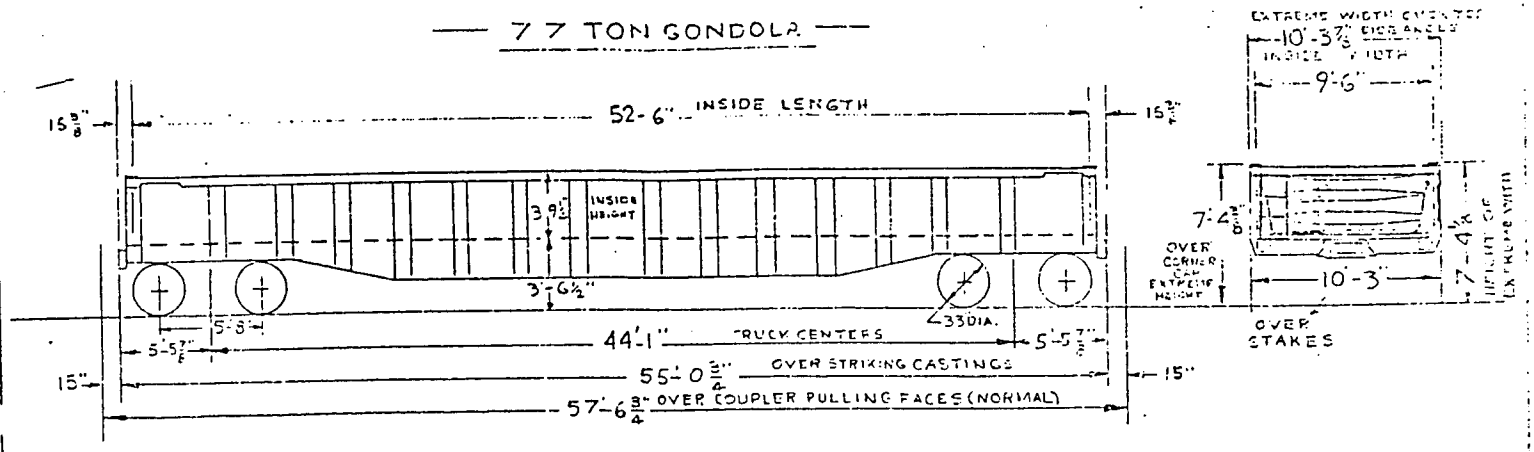
NOTE:
ALL CARS EQUIPPED WITH 19 C-2 BUILT RAILS, CROSSBAR USED 15 6-4 (DF-27-1055)

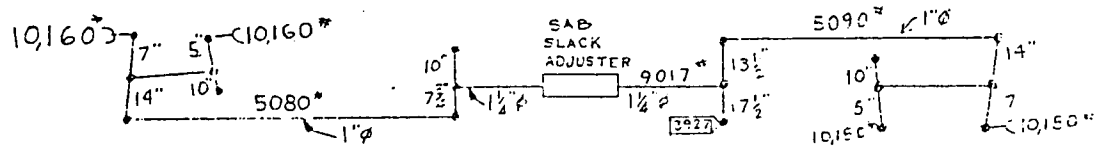


BRAKE DIAGRAM

-GENERAL-	END SILL: NONE (BOTTOM END SHEET FLANGED)	TYPE OF TRUCK (CONT'D) EQUIPPED
BUILDER: PULLMAN-STANDARD	FLOOR: 2 1/4" T&G	BRAKE BEAM
YEAR BUILT: 1959	GEN. DWG.:	WHEELS: 33" WEAR WROT STEEL
BUILDERS REF.: 8492 (ORIGINALLY N.J.I.&I.)	HANDBRAKE: UNIVERSAL	
A.A.R. CLASS: XL	LINING: END 25/32" T&G, SIDE:	
NO. BUILT: 10	ROOF: PULLMAN DWG. 550-C-72	
CAPACITY: 3956 CU.FT.	SIDE BEARING CENTERS: 4'-2"	
AVE. LT. WT.: 51,200 LBS.	SIDE SILL: 6"x6"x5/8" ANGLE	
AVE. LOAD LT.: 125,600 LBS.	SIDE PLATE: U.S. STEEL SECTION 5-28 19.55#/ft	
	SIDE SHEATHING: 0.10" STEEL, WELDED	
-BODY-	-TRUCK-	
AIR BRAKE MFG.: WESTINGHOUSE AIR BRAKE CO.		
AIR BRAKE SCHEDULE: AB 1012	BOLSTER:	
BODY CENTER PLATE:		
BODY SIDE BEARING:		
BRAKE STEP: U.S. GYPSUM 59009-S	BRAKE BEAM: UNIT # 18	
CENTER SILL: 2-2-26 @ 41.2#/FT. SECTIONS	GEN. DWG.:	
CENTER SILL AREA: 24.24 SQ.IN.	JOURNALS: 5 1/2"x10"	
COUPLER: TYPE "E" 6 1/2"x8" SLOTTED	SIDE BEARINGS:	CARS: 1400-1409
COUPLER RELEASE RIGGING:	SIDE FRAME:	
DOOR & FIXTURES: PULLMAN DWG. 560-E8-E, (OT&I DWG.)		ANN ARBOR RAILROAD
DRAFT GEAR: CARDWELL WESTINGHOUSE INY-11-F		MECHANICAL ENGINEERING DEPT. 10-26-60
DRAFT GEAR ATTACHMENTS: GRADE "B" C.S. YOKE (Y 40)	SPRINGS: 2 1/2" CARELL A.A.R. D-3-10 OUTER & 6 INNER COILS PER TRUCK	-REVISIONS-
ENDS: PULLMAN 309-SHEET 3/16, BOTTOM SHEET 5/16	TYPE OF TRUCK: 5 1/2"x10" A-3 RIDE CONTROL	

77 TON GONDOLA



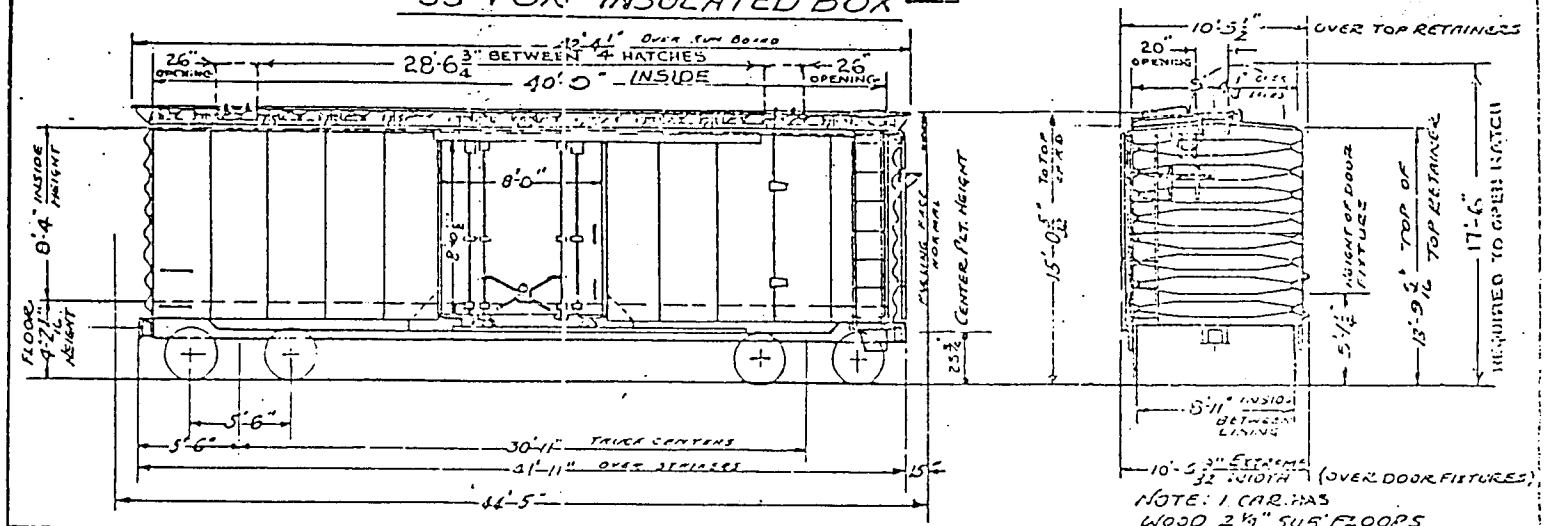


BRAKE DIAGRAM

LESSOR	U.S. LEASING INTER.	LEASE 4172	TERM 12 [illegible]

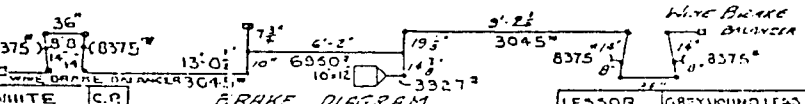
— GENERAL —	DRAFT GEAR: MINER A-22-XB	SIDE FRAME: AAR CODE-F75-C6B-[illegible]
BUILDER-GREENVILLE STEEL CAR CO.	" " ATTACHMENTS: C.S. YOKE D.O.	PATT. NO F-7161 D.T.P.I. DWG. [illegible]
YEAR BUILT: 1944 REWORKED 1968	END: STANRAY 3E-3771-C (DWG. W-5456)	IDENT. NO. B-[illegible] NARROW PEDESTAL
BUILDERS REF: [illegible]44	END SILL: 12" @ 20.7 LBS/FT	SPRINGS: 10-5, 10 OUTER-10 INNER COILS PER TRUCK
RR CO SPEC NO-110	FLOORING: 3/8 STEEL PLATE	TYPE OF TRUCK: 6'-11" BARBER S-2 STABILIZED
A.A.R. CLASS: GB	GENERAL DWG: 19179 D.T.P.I. V-2443	NARROW PEDESTAL ROLLER BEARING
NO. BUILT: 100 NO. REWORKED 95	HAND BRAKE: EQUIPCO 57-0-E 1962	
CAPY: 1860 CU. FT.	SIDE SILL: FISH BELLY	WHEELS: 33" ONE WEAR CAST STEEL [illegible]
AVERAGE LT. WT.: 65,700	SIDE BLG CENTERS: 2'-2"	
" LOAD LIMIT: 154,300	TOP SIDE ANGLE: 5"x4"x3/8" BULB ANGLE	
	TOP SIDE ANGLE REINFORCEMENT: 5"x3"x3/8" ANGLE	
— BOLSTER —	— TRUCK —	
AIR BRAKE MFR.: NYAB CO.	BOLSTER: AAR CODE-B75-C6E3-BW BUCKEYE PATT.	
" " SCHEDULE: AB-10	NO. B-7291 D.T.P.I. DWG. W-9061 AAR IDENT.	
BODY CENTER PLT.: 1/2" FORGED STEEL	NO. B-1245 ROLLER BEARING	CARS: 2000-2094
" SIDE BLS.: 3/4" HARDENED STEEL PLT.	DRAFT BEAM: 2000-2016 - 24	
CENTER SILL: C.B. [illegible] LBS/FT	2017-2094 - 12	ANN ARBOR RAILROAD
	GENERAL DWG.: D.T.P.I. DWG. Y-9055	MECHANICAL ENGINEERING DEPARTMENT
CENTER SILL AREA: 21.92 SQ. IN	JOURNALS: 6"x11"	
	JOURNAL BEARINGS: HYATT 6"x11"	— REVISION —
COUPLER: E 3/4 x 6" SLOTTED BOTTOM	SIDE BEARINGS: SINGLE ROLLER TYPE-STIKI 6SE-G	
COUPLER RELEASE: NO. IMPERIAL MILITARY	(D.T.P.I. DWG. Y-1470)	
STANRAY-1U-1557-B (D.T.P.I. DWG. Y-5494)		

55 TON INSULATED BOX



NOTE: 1. CAR HAS WOOD 2 1/4" SUS FLOORS.

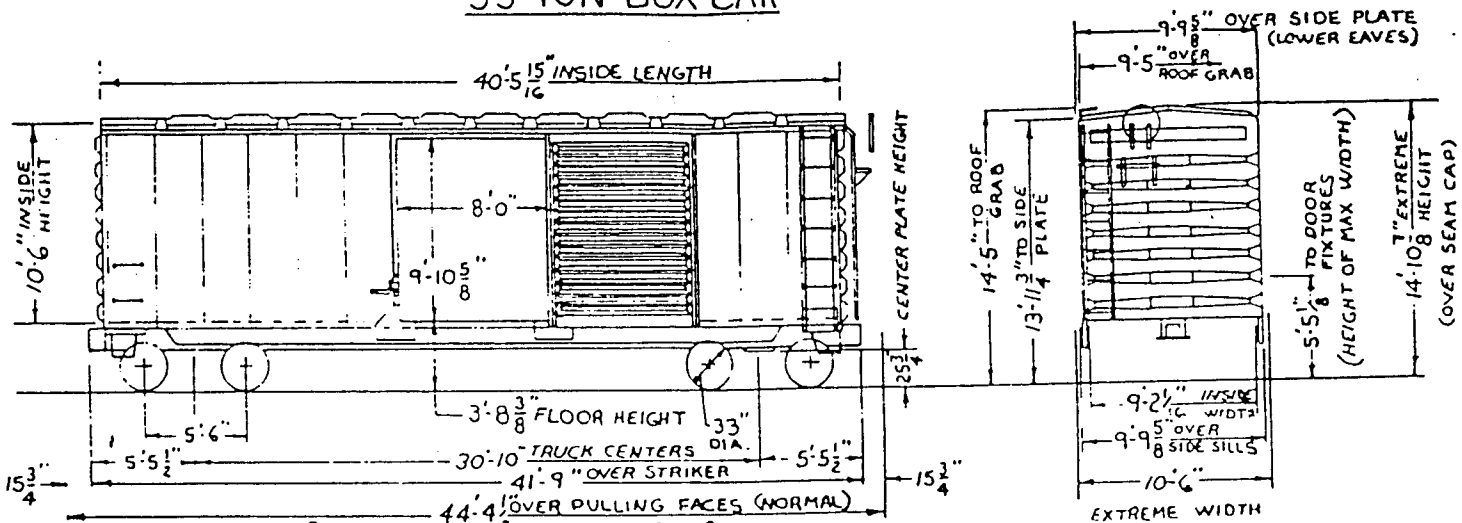
PAINTING			
BODY	SIDE YELLOW	AUTO. FINISH PM-363	
	END BROWN	ACME 112-0	
STENCIL	BLACK	VARIOUS	WHITE

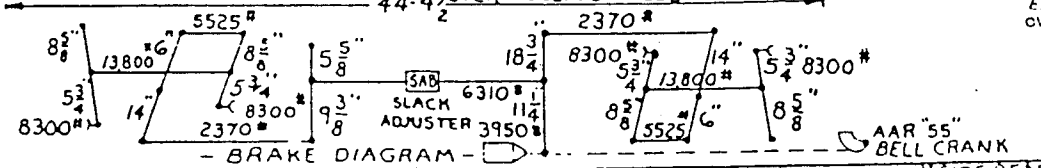


C.R.	LESSOR	GREYHOUND LEAS & FIN. CO.	LEASE 3130	TERM 1-20-73

~ GENERAL ~		~ TRUCK (CONT'D) ~
BUILT BY GREENVILLE STEEL CAR CO.	DRAFT GEAR ATTACHMENT: C.S. YOKE - NATL MALL	BOLSTER: [illegible]
YEAR BUILT: - 1950	EQUIPPED WITH DOUBLE LIGHT - STD RY & E.M.CO	[illegible]
INSULATED 1959 BY OTEE	CROSSSILL: 6" X 3/8" X 3/16" ANGLE	[illegible]
MILDERS REF U.O. JAN	FLOOR: SUSPENDED (NOTE 1)	[illegible]
A.A.R. CLASS: L-6	MAIN SILL X 10" TEE	[illegible]
NO. INSULATED: 150	FLOOR PROTECTION PLATE: 3/16" "INLAND"	[illegible]
CUBIC: [illegible] CU.FT.	SAFETY FLOOR PLATE: 87" X 150 FT	[illegible]
TARE LBS: 59,800 LBS.	GENERAL LINING: [illegible]	[illegible]
AVE. LOAD LIMIT: 117,200 LBS.	WALL LINING: [illegible] CONSOLIDATED	[illegible]
	INSULATION: GUSTIN-BACON "ULTRALITE" #25	WITH NOTE PRESENT [illegible]
	4" THICK FIBER-GLASS 3/4 #/CU.FT.	[illegible]
~ BODY ~	LINING: END: [illegible] X 10'-0" TEE CAP HR	[illegible]
AIR BRAKES REF: N.Y.A.B.CO.	SIDE: [illegible] X 16'-0" TEE CAP HR	[illegible]
AIR BRAKE SCHEDULE: H.B. 10312	CEILING: [illegible]	[illegible]
BODY CENTER PLATE: DROP FORGED	ROOF: DIAGONAL PANEL - MURPHY	CAR: 19635
CENTER SILL: (2) E-26 (HAR) 72.41 LB/FT	SUNDING BOARD: HERRICK	ANN ARBOR RAILROAD
CENTER SILL AREA: 21.350 IN	SIDESILL: 6" X 4" X 3/8" 6" ALCS HORIZ	MECHANICAL ENGINEERING DEPT. 10-25-70
COUPLER: TYPE "E" HOT CPER 6 1/2" X 8"	SIDESILL: ZONE 1A INCHANNEL 15.3 #/FT	
COUPLER REFRIGERATING: IMPERIAL ROTARY	SIDESILL: ZONE 1B [illegible]	
DOORS: "SUPERION" 1952 OTEE DWG V-8632	SIDE PLATE: [illegible]	
DOOR FRAMING: J.T. [illegible] DWG V-8635	SIDESTING: [illegible] SHEETS, RIVETED	
DOOR GASKET: LANDIS IND CO. 06-104	~ TRUCK ~	
DRAFT GEAR: CARDWELL HYCUSH GRATHER A-[illegible]	BOLSTER: ORIGINAL - [illegible]	

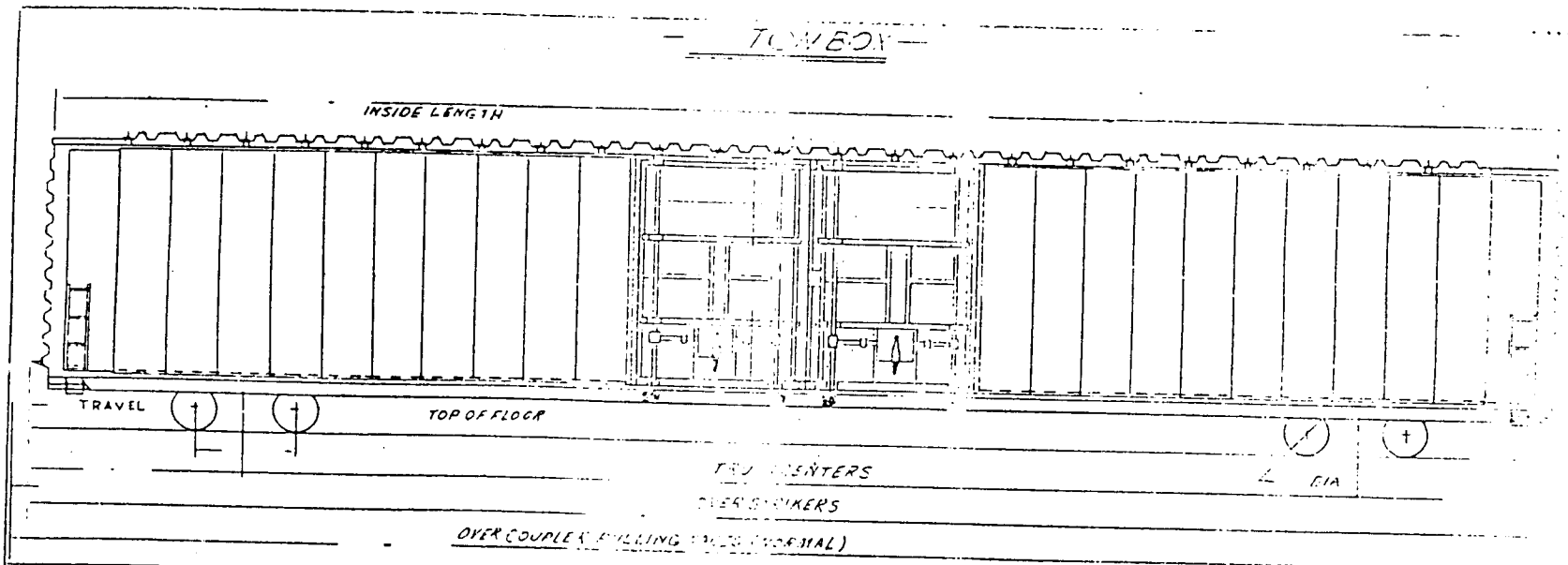
55 TON BOX CAR





— BRAKE DIAGRAM —

— GENERAL —	DRAFT GEAR ATTACHMENT: GRADE "B" CS YOKE (Y-40)	SIDE BEARING: STUCKI 656 C OT&I DWG Y-1470
BUILDER: ACF (BERWICK)	END S: STD RY EQUIP. TOP SHEET 3/16" BOTT SHT 1/4 (SE 8257 C)	SIDE FRAME: AAR CODE F3A-02AB-UA, ASF PATT
YEAR BUILT: 1951 REBUILT: 1971	END SILL: 6" x 3 1/2" x 5/16" ANGLE	NO. 21728-0, AAR IDEN. NO 289, OT&I DWG W-2485
BUILDERS REF.: 01-3494	FLOORING: 2 3/8" EDGE GRAIN WOOD	INTEGRAL BOX MODIFIED FOR ROLLER BEARINGS
AAR CLASS: XM	GENERAL DWG.: ACF 620 5024-J	PER OT&I DWG. W-9547
NO. REBUILT: 1 JACKSON SHOPS	HAND BRAKE: UNIVERSAL [illegible]	SPRINGS: 3 1/16" TRAVEL, 10 INNER COILS (0-6)
CAPY.: 3894 CU. FT.	LINING: END - STEEL STD RY EQ 41-22627 ALT 217-1	AND 10 OUTER COILS (0-5) PER TRUCK
LT. WT.: 51,4[illegible] LBS	SIDE - 3/4" BLANDEX BUILDING BOARD	TYPE OF TRUCK: 50 TON A-3 RIDE CONTROL SPRING
LOAD LIMIT: 12[illegible],500 LBS	ROOF: STD RY EQUIPMENT 72-8287-A	BLANKLESS EQUIPPED FOR UNIT BRAKE BEAMS,
	SIDE BEARING CENTERS: 4'-2"	MODIFIED FOR ROLLER BEARINGS
— BODY —	SIDE PLATE: ROLLED W US STEEL SEC. S-281 @ 9.9#	WHEELS: 1 WEAR CAST STEEL, CJ-33
AIR BRAKE MFG.: WESTINGHOUSE	SIDE SHEETS: .10" H.R.S. WELDED	
SCHEDULE: ABD 10 x 12 CYLINDER	SIDE SILL: 6" x 3 1/2" x 5/16" ANGLE	
8-1 QUICK SERVICE VALVE #5109-A	SIDE SILL REINF.: CHANNEL 10" @ 33.6 #/FT x 33" CLEITH	
BODY CENTER PLATE: 11 3/4" CAST E.S. - CC	SLACK ADJUSTER: SAB DRV2 - USA - CJ	CAR: 41017
PATT NO. 45-46-HT - WELDED APPLICATION	— TRUCK —	
BODY SIDE BEARING: 5/8" x 4" 1045 STEEL WELDED	BOLSTER: AAR CODE B5A-03EG-DH, ASF PATT. NO	ANN ARBOR RAILROAD
CENTER SILL: 2-36 2 #/FT ROLLED FEE SECTIONS	21629-BP, AAR IDEN NO 1207, OT&I DWG. W-10140	MECHANICAL ENGINEERING DEPT 9-24-71
CENTER SILL AREA: 21.3 [illegible] IN.	BRAKE BEAM UNIT #18	— REVISION —
COUPLER: "E" 6 1/4" x 8" SLOTTED, BOTTOM OPERATED	GENERAL DWG: W-2487	
COUPLER RELEASE RIGGING: STD RY EQUIPMENT [illegible]	JOURNAL: 5 1/2" x 10" ROLLER BEARING	
DOORS: YOUNGSTOWN TYPE FR-63, OT&I DWG. V-10311	JOURNAL BEARINGS: BRENCO 5-A	
DRAFT GEAR: MINER A-22-XL	JOURNAL BEARING STOP BLOCK: PORTECK-115444	



PAINTING		
BODY		
STENCIL		

~ GENERAL ~

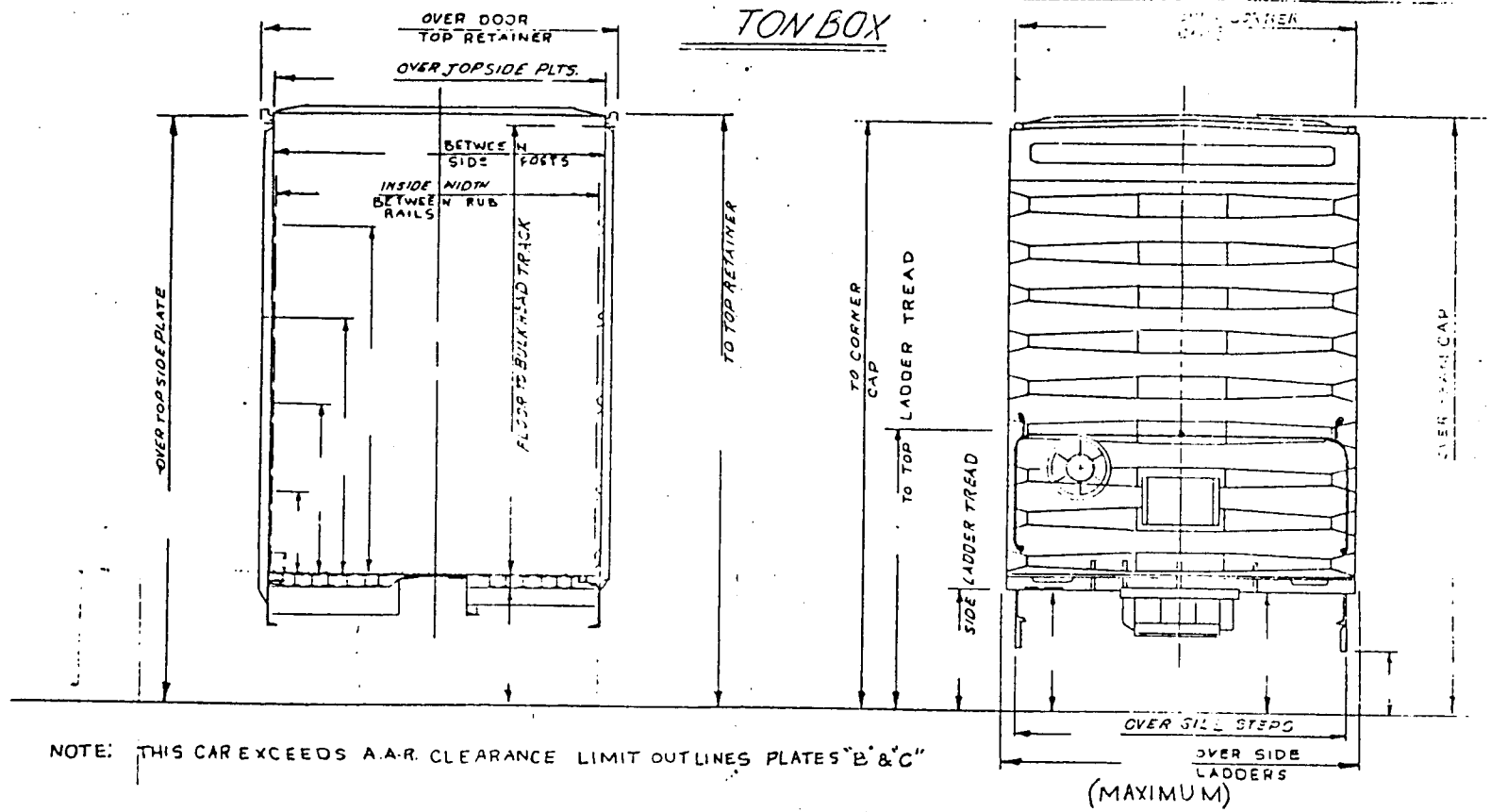
LESSOR	U.S RY. LEASING CORP.	LEASE 4181	TE

CARS: 69000 & 69012

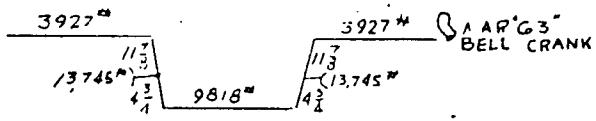
A[illegible] RAILROAD

MECHANICAL [illegible] DEPT. [illegible]

TON BOX

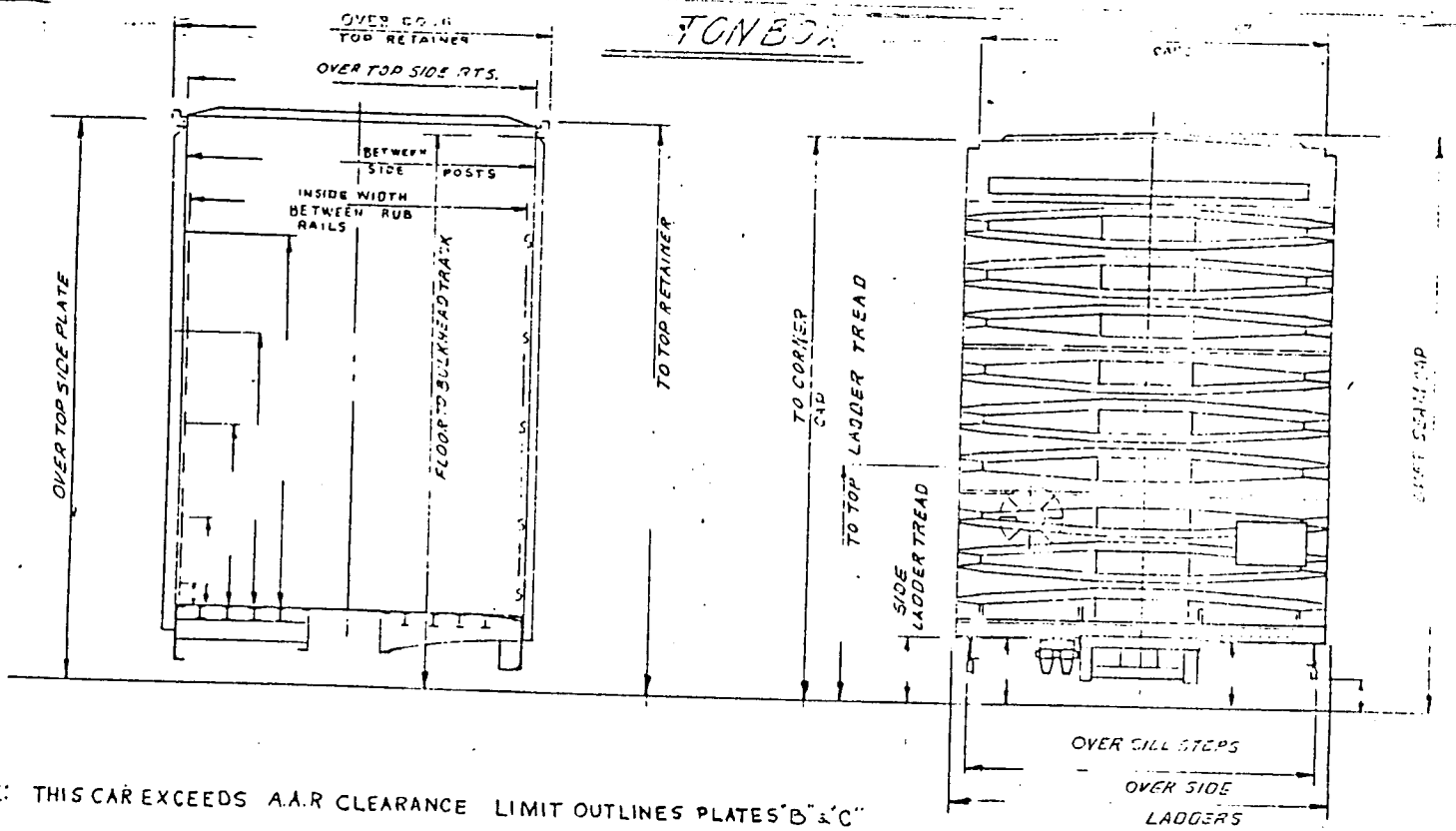


NOTE: THIS CAR EXCEEDS A.A.R. CLEARANCE LIMIT OUTLINES PLATES "B" & "C"

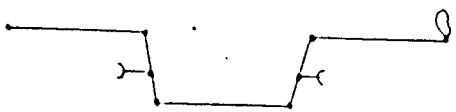


HAND BRAKE DIAGRAM

CARS 69001, 002 & 007
CLEARANCE DIAGRAM
MECHANICAL ENGINEERING DEPT
- REVISIONS -



NOTE: THIS CAR EXCEEDS A.A.R CLEARANCE LIMIT OUTLINES PLATES "B" & "C"

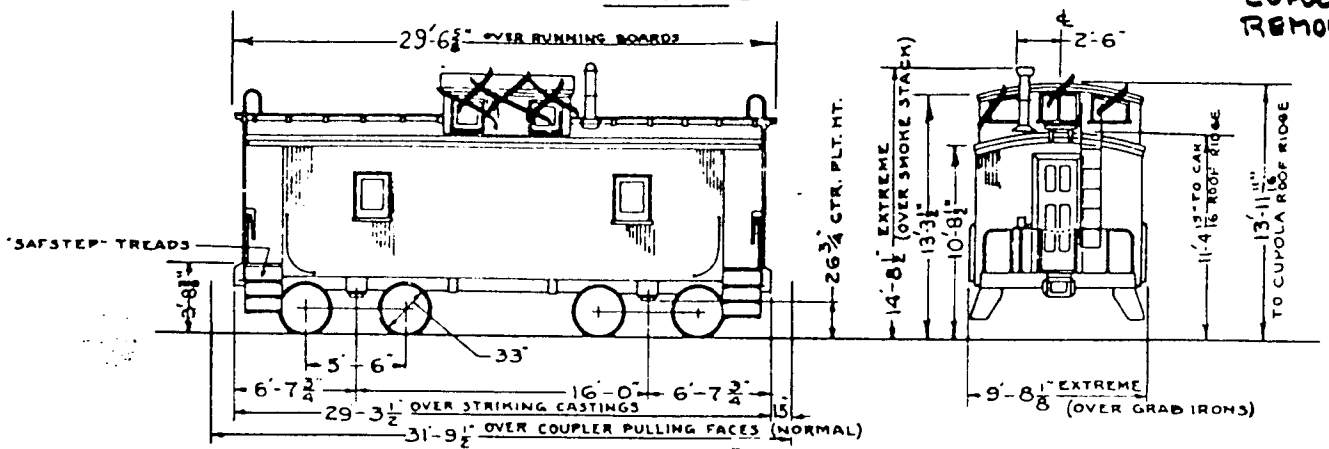


HAND BRAKE DIAGRAM

CARS: 69003,04,05,06,08 09,10
CLEARANCE DIAGRAM
MECHANICAL ENGINEERING DEPT
REVISIONS

CABOOSE

CUPOLA REMOVED



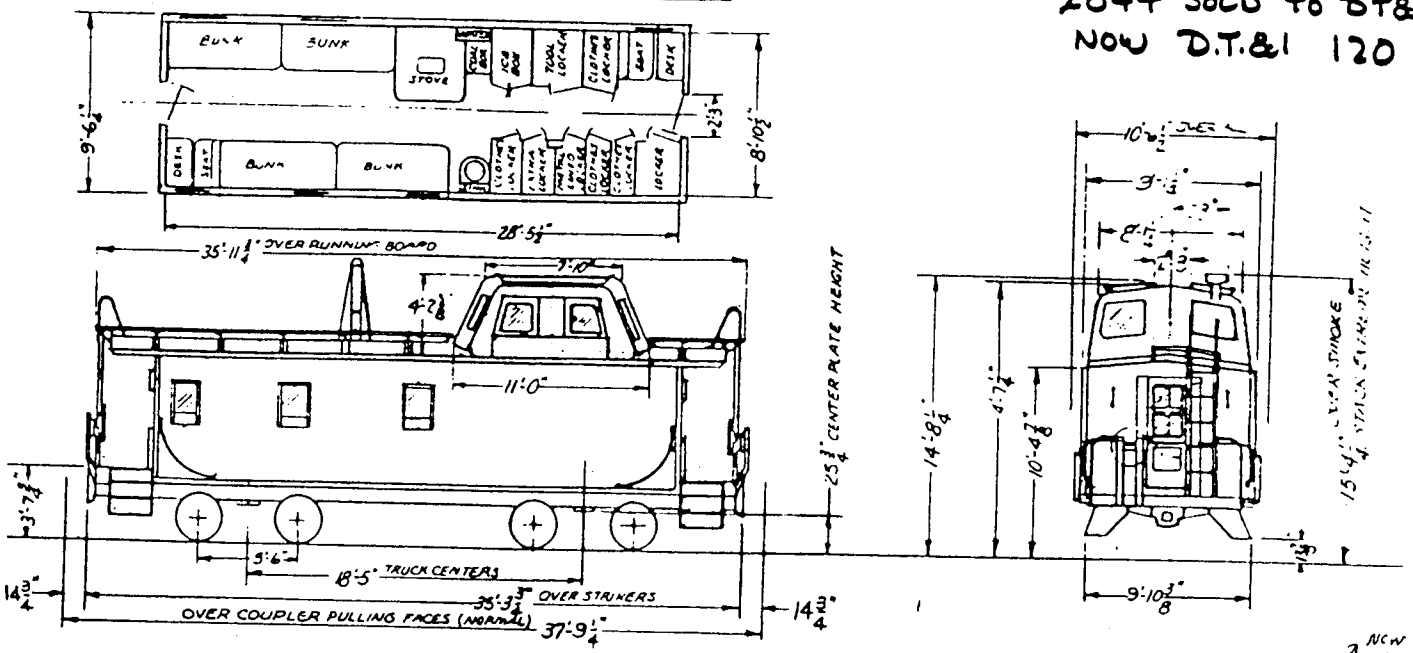
CARS SHOWN BELOW WERE ORIGINALLY DT&I 69 AND 98

BRAKE DIAGRAM

GENERAL		
BUILDER:- STANDARD STEEL CAR CO.	MAND BRAKE:- "MINER IDEAL" STAFF.	TYPE OF TRUCK:- PRESSED SPRING PLANK WITH ELLIPTIC SPRINGS.
YEAR BUILT:- 1925.	LINING:- 13/16" T&G.	WHEELS:- 650 LB. CAST IRON.
BUILDER'S REF.- O.O. 4310	ROOF:- 13/16" T&G.	WEIGHT OF BOLSTER:- 720 LBS.
R.R. SPEC. NO.- NONE.	SIDE SILL:- 11.6 LBS. 5" Z.	" SIDE FRAME:- 515 LBS
NO. BUILT:- 2 PURCHASED FROM DT&I R.R. 1965	" BRG. CENTERS:- 4'-2"	" ONE TRUCK:-
AVERAGE LT. WT.- 31,600 LBS.	SHEATHING:- 13/16" T&G.	
	STOVE:- THE ESTATE STOVE CO'S NO. 149.	
	SUPERSTRUCTURE:- STEEL.	
	UNDERFRAME:- STEEL.	
BODY		
AIR BRAKE MFG.- N.Y.A.B. CO.		
" " SCHEDULE:- AB		
BODY CTR. PLT.- 11 3/4" FORGED STEEL.		
" SIDE BRG.- O.H. STEEL.	TRUCK	
CENTER SILL:- BUILT-UP.	BOLSTER:- A.S.F. PATT. NO. 7509.	
" " COVER PLT.- 1/4" x 21"	BRAKE BEAM:-	
" " AREA:- 31.38 SQ. IN.	" " SAFETY:- 2 1/2" x 2 1/2" x 1/4" L	
COUPLER:- "D" 6"x8" SLOTTED. TOP OP.	CENTER PLATE:- INTEGRAL.	CARS:- 2700-2701
" RELEASE RIG.:- "CARMER"	GENERAL DRAWING:- 49935	ANN ARBOR RAILROAD
DRAFT GEAR:- "MINER" H-2 (SPRING)	JOURNAL:- 4 1/4" x 8"	MOTIVE POWER DEPT. 1-17-66
" " ATTACHMENT:- "FARLOW" 2-KEY.	" BOX:- INTEGRAL.	REVISION
END SILL:- 15.3 LBS. 10" U	R.R. SPEC. NO.- NONE.	
FLOORING:- DOUBLE. 13/4" & 13/16" T&G.	SIDE BEARING:-	
GENERAL DRAWING:- 49822, DT&I DWG. V-1514	" FRAME:- A.S.F. PATT. NO. 7301.	
	SPRINGS:- A.S.F. DRAWING 29940. ELLIPTICAL.	

CABOOSE

#2844 SOLD TO DT&I
NOW D.T.&I 120

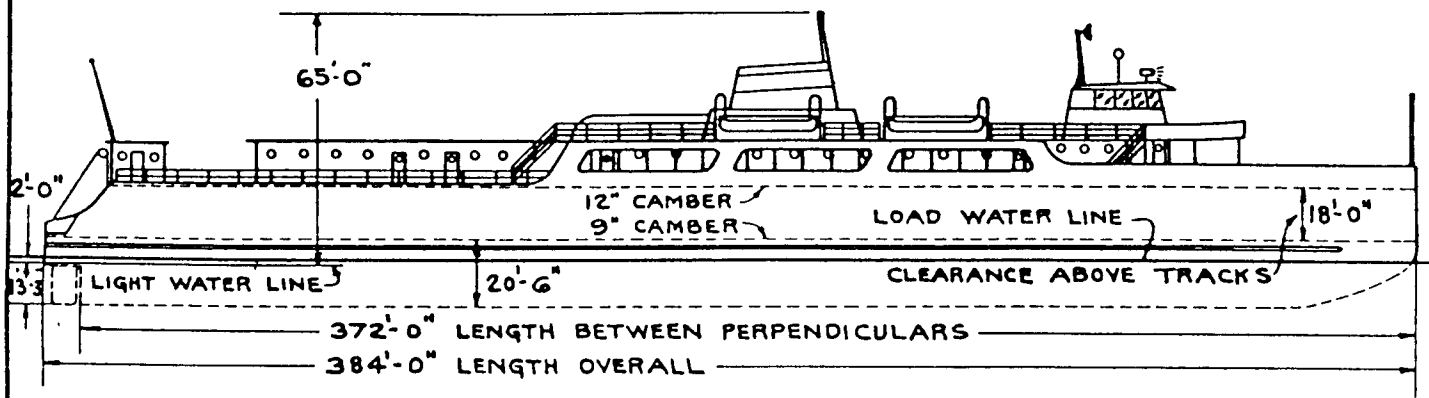


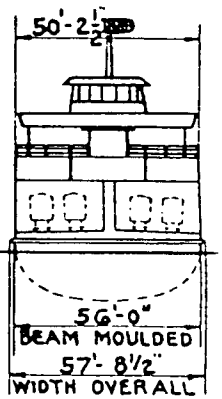
NOTE 1: CABOOSE 2830 NOW M&LS Nº 8 → NOW DTI #121

— GENERAL —	COUPLER CENTERING DEVICE: "UNION" STD. RWY EQUIPMENT CO.	
BUILDER: 2830-2839 WABASH R.R.	DRAFT GEAR: MINER A 28 x 8	AA CABOOSE ROSTER AS OF 11/74:
2840-2846 - INTER. CAR CO.	CARDWELL WEST NY-11-H	
YEAR BUILT: 2830-2839 1952	GENERAL DWG:	Nos. — Qu'ty
2840-2846 1955	HAND BRAKE: MINER D-9290-X	2831-2843 — 13
BUILDERS REF. C3-244 WABASH R.R.	ROOF: MURPHY IMPROVED SOLID STEEL STD RY EQUIP CO.	2875-2846 — 2
LOT 228 INTER. CAR CO.	RUNNING BOARD: APEX 1591-B	TOTAL 15
NO BUILT: 17 (SEE NOTE)	SIDE SILL: 5" x 3 1/2" x 1/8" ANGLE	
AVERAGE LIGHT WEIGHT: 2831-2839 - 46,700 LBS	SIDE BEARING CENTERS: 4'-2"	
2840-2846 - 48,300 LBS	SIDE SHEATHING: 12 GAUGE STEEL - RIVETED	
	STOVE: BARCO "PYROPAD" 4-A-2	
— BODY —		
AIR BRAKE MFG. SECOND HAND (WABASH RR)	— TRUCK —	
AIR BRAKE SCHEDULE: AB 10 x 12	BOLSTER: STD. CAR TRUCK WB-352A	CARS: 2831-2846
BODY CENTER PLATE:	BRAKE BEAM: #13 HANGER TYPE	ANN ARBOR RAILROAD
BODY SIDE BEARINGS:	GENERAL DWG.: STD. CAR TRUCK 6-~~2880-0~~	MECHANICAL ENGINEERING DEPT 1-7-65
CENTER SILL: 2 ROLLED ZEES @ 36.21 #/FT	JOURNAL: 4 1/4" x 8"	— REVISION —
CENTER SILL BOTTOM COVER PLT: 3/8" x 20"	SIDE BEARINGS: MINER H-730	
CENTER SILL AREA: 28.80 SQ. IN.	SIDE FRAME: STD. CAR TRUCK WT. 329C	
COUPLER: 6 1/4" x 8" TYPE E TOP OPERATED	SPRINGS: DOUBLE ELLIPTIC	
COUPLER RELEASE RIGGING: TYPE 8 IMPERIAL STD. RY. EQUIPMENT CO.	TYPE OF TRUCK: BARBER SWING MOTION	
	WHEELS: 1 WEAR WROT STEEL A-33	

LENGTHENED 34 FT. AND REPOWERED IN 1958 & 1959
BY MANITOWOC SHIPBUILDING CO.
WAS BOAT NO. 6

ARTHUR K. ATKINSON





DEPTH MOULDED 20'-6" WITH 9" CAMBER. TOTAL DEPTH DECK TO KEEL 21'-4 3/8"

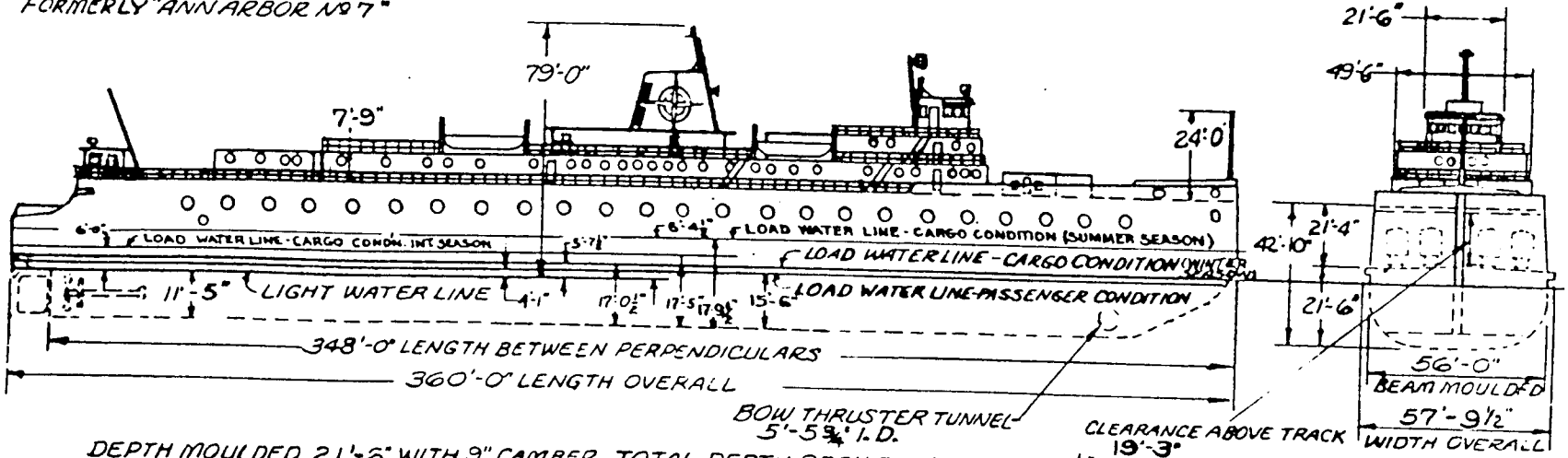
NAME - ARTHUR K. ATKINSON		BOILERS - OIL BURNING			ENGINES - PROPELLING
HAILING PORT - FRANKFORT, MICHIGAN		NO. - 2 - TWO FURNACE BOILERS			2 - DIESEL ENGINES
TYPE - STEEL CAR FERRY		TYPE - SINGLE END SCOTCH MARINE			BUILDER - NORDBERG - "V" TYPE - 12 CYL.
BUILT BY - GREAT LAKES ENGRING WORKS		DIAMETER - 13'-2"			TYPE - FS-1312-HSC
YEAR BUILT - 1917 (SEE NOTE)		LENGTH - 12'-0"			TURBO - CHARGED
GROSS TONNAGE - 3241		WORKING PRESSURE - 145 LBS.			WESTINGHOUSE REDUCTION GEARS
NET TONNAGE - 1826		FURNACES - 4 - I.DIA. - 48" - LENGTH 8'-7"			
CAR CAPACITY - FREIGHT - 27		HEATING SURFACE SQ. FT. 1 - BOILER	FURNACES -	100	
NO. OF LIFE BOATS	2 - CAPACITY 20 PERSONS EACH		TUBES -	1783	
	2 - CAPACITY 25 PERSONS EACH		COMBUSTION CHAMB. -	180	PROPELLERS
NO. WORK BOATS - 1 - CAPACITY 3 PERSONS			TOTAL -	2063	BUILDERS NAME - "KAMEWA"
PONTOON RAFT - 1 - CAPACITY 19 PERSONS		TOTAL HEATING SURFACE - 2 BOILERS - 4126 SQ. FT.			TWIN SCREW - STERN - CONTROLLABLE PITCH
TRACKAGE	2 TRACKS - 339'-0" LONG	NO. TUBES IN EACH BOILER - 286			4 BLADE - STAINLESS STEEL
	2 TRACKS - 306'-0" LONG	TUBES - 3" O.DIA. - 8'-1 3/8" OVER TUBE SHEETS			DIAMETER - 12'-0"
NOTE - TRACKAGE REPRESENTS AVAILABLE LENGTHS FOR STORING CARS AND NOT TOTAL LENGTHS.					
REVISED 1965					

REGISTRY No. 214656 HULL No. 130

ANN ARBOR RAILROAD
MECHANICAL ENGINEERING DEPT. 12-9-64

SPAR DECK RAISED 4'-0" AND REPOWERED IN 1965
BY FRASER - SHIPYARDS INC.
FORMERLY "ANN ARBOR No 7"

VIKING



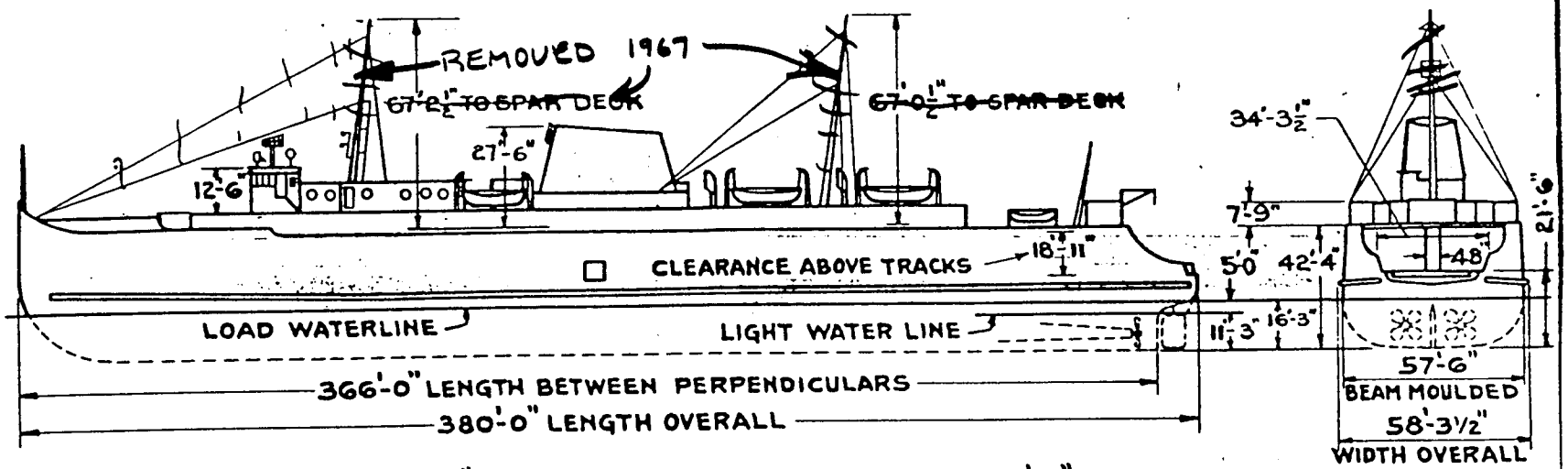
DEPTH MOULDED 21'-6" WITH 9" CAMBER. TOTAL DEPTH DECK TO KEEL 22'-4¼"

NOTE: ALL PUMPS, MACHINERY AND HEATERS ARE ELECTRICALLY OPERATED @ 450 V. AC

NAME - VIKING		BOW THRUSTER ENGINE RATING: 500 HP CONTINUOUS	- EMERGENCY GENERATOR -
HAILING PORT - FRANKFORT		BOW THRUSTER REVERSING GEAR: CAPITOL	ENGINE: GENERAL MOTORS ~~MODEL~~ 6-71, 160 H.P.
TYPE - STEEL CAR FERRY		MODEL HPD-200, 1:1 RATIO	GENERATOR: DELCO Y1-5264, 100 KW @ 1800 RPM
BUILT BY - MANITOWOC SHIPBUILDING CORP.		PACKAGE HEATING BOILER: MILWAUKEE -	OUT PUT 450 V.A.C. 3 PHASE 60 CYCLE
YEAR BUILT -	1925	RELIANCE MODEL VL-75 AUTO, OIL FIRED, WORKING	- SHIP SERVICE GENERATORS -
GROSS TONNAGE -	2713	PRESS. 15 P.S.I.-G., CAPY. 500 LB STEAM / HOUR	ENGINES: (3) CATERPILLER D-379TA, 300 KW @ 1200 RPM
NET TONNAGE -	1287	- MAIN PROPULSION PLANT -	GENERATORS: (3) COLUMBIA 4200-7111, 375 KVA, .80 P.F.
CAR CAPACITY - FREIGHT -	26	ENGINES: (4) DIESELS (GMC 16-567 D1)	300 KW @ 1200 RPM OUT PUT - 450 V.A.C. 3 PHASE, 60 CYCLE
FUEL CAPACITY:	57,000 GALLONS NO. 2 DIESEL OIL	1760 B.H.P. @ 835 RPM, EACH	SEWAGE DISPOSAL UNIT: AMERICAN SHIPBUILDING CO.
NO. LIFE BOATS -	4, CAP. 25 PERSONS EACH	GENERATORS: (4) GMC MODEL D-32G,	"BIOGEST" (AEROBIC)
NO. WORK BOATS -	1. CAPACITY 7 PERSON	1226 KW. 750 V.D.C. @ 835 R.P.M. EACH	STABILIZATION SYSTEM - "FLUME"
TRACKAGE	2 - TRACKS EACH 277'-0" LONG	PROPULSION MOTORS: (4) GMC MODEL D324	STEERING GEAR: SUPERIOR - LIDGERWOOD - MUNDY.
	2 - TRACKS EACH 340'-0" LONG	1530 HP, 668 TO 835 RPM EACH	RAPSON SLIDE TYPE, ELECTRO - HYDRAULIC
NOTE: TRACKAGE REPRESENTS AVAILABLE LENGTHS FOR STORING CARS AND NOT TOTAL LENGTHS.		REDUCTION GEARS: (2) LUFKIN C-8424 WITH THOMAS	- PROPELLERS -
		800 ST COUPLINGS TO PROPULSION MOTORS	TWIN SCREW - 4 FIXED BLADES, CAST STEEL, R&L
BOW THRUSTER: KAMEWA - 4 BLADE - FIXED PITCH.		RATING 3000 SHP @ 150 PROPELLER R.P.M.	DIAMETER: 12'-0" PITCH 18'-7"
BOW THRUSTER ENGINE: DIESEL, CUMMINS VT-12-600M		(2 MOTORS DRIVE 1 PROP. SHAFT EA. THRU' REDUCTION GEAR)	
REVISED	1965 / 1966		
REGISTRY NO. 224430		HULL NO. 214	ANN ARBOR RAILROAD MECHANICAL ENGINEERING DEPT. 4-7-65

SPAR DECK RAISED 3'-6" & CONVERTED TO OIL BURNING
1962 BY MANITOWOC SHIPBUILDING INC.
FORMERLY "WABASH"

CITY OF GREEN BAY



DEPTH MOULDED 21'-6" WITH 9" CAMBER. TOTAL DEPTH DECK TO KEEL 22'-3".

NAME - CITY OF GREEN BAY	- BOILERS - (OIL FIRED)		ENGINES - PROPELLING
HAILING PORT - FRANKFORT	NUMBER - 4, THREE FURNACE BOILERS		NUMBER - 2 AFT
TYPE - STEEL CAR FERRY	TYPE - SINGLE END SCOTCH MARINE		TYPE - 3 CYL. TRIPLE EXPANSION
BUILT BY - TOLEDO SHIPBUILDING CO. INC.	DIAMETER - 14'-6" I.D.		CYL. DIA. - 20½" H.P. × 34" I.P. × 56" L.P.
YEAR BUILT - 1926-27	LENGTH - 12'-0"		STROKE - 36"
GROSS TONNAGE - 3350	WORKING PRESSURE - 185 LBS.		I.H.P. 1350 EACH, TOTAL I.H.P. 2700
NET TONNAGE - 1833	FURNACES - 12, I.D. 42", LENGTH 8'-11⅛"		
CAR CAPACITY - FREIGHT - 28	HEATING SURFACE SQ. FT. 1-BOILER	FURNACES 294	
MAIN DECK TO SPAR DECK - 20'-10"		TUBES 2375	FUEL - #6 OIL
BOILER DECK TO MAIN DECK - 18'-6"		COMBUSTION CH. 230	FUEL OIL CAPACITY - 80,000 GAL'S.
NO. LIFE BOATS - 6 CAP. 25 PERSONS EA.		TOTAL 2899	
NO. WORK BOATS - 1 CAP. 24 PERSONS	TOTAL HEATING SURFACE 11595 SQ. FT.		PROPELLERS
TRACKAGE - 2-TRACKS, EACH 300'-0" LONG	NO. TUBES IN EACH BOILER - 432		TWIN SCREW, STERN
2-TRACKS, EACH 300'-0" LONG	TUBES - 2½" O.D., 8'-5 1/16" OVER TUBE SHEETS		TYPE 4 BLADE CAST STEEL, CAST R&L
NOTE: - TRACKAGE REPRESENTS AVAILABLE LENGTHS FOR STORING CARS AND NOT TOTAL LENGTHS.	DRAFT - HOWDEN FORCED		R.H. ON STARBOARD, L.H. ON PORT
	BURNERS - TODD, VARIABLE CAPY. (STEAM ASSISTED)		DIAMETER 12'-0", PITCH 15'-0"
			STERN BEARINGS - "RYER-TEX"

REVISED 1947 1956 1965

REGISTRY No. 226597 HULL No. 177

ANN ARBOR RAILROAD
MECHANICAL ENGINEERING DEPT. 18-2-66