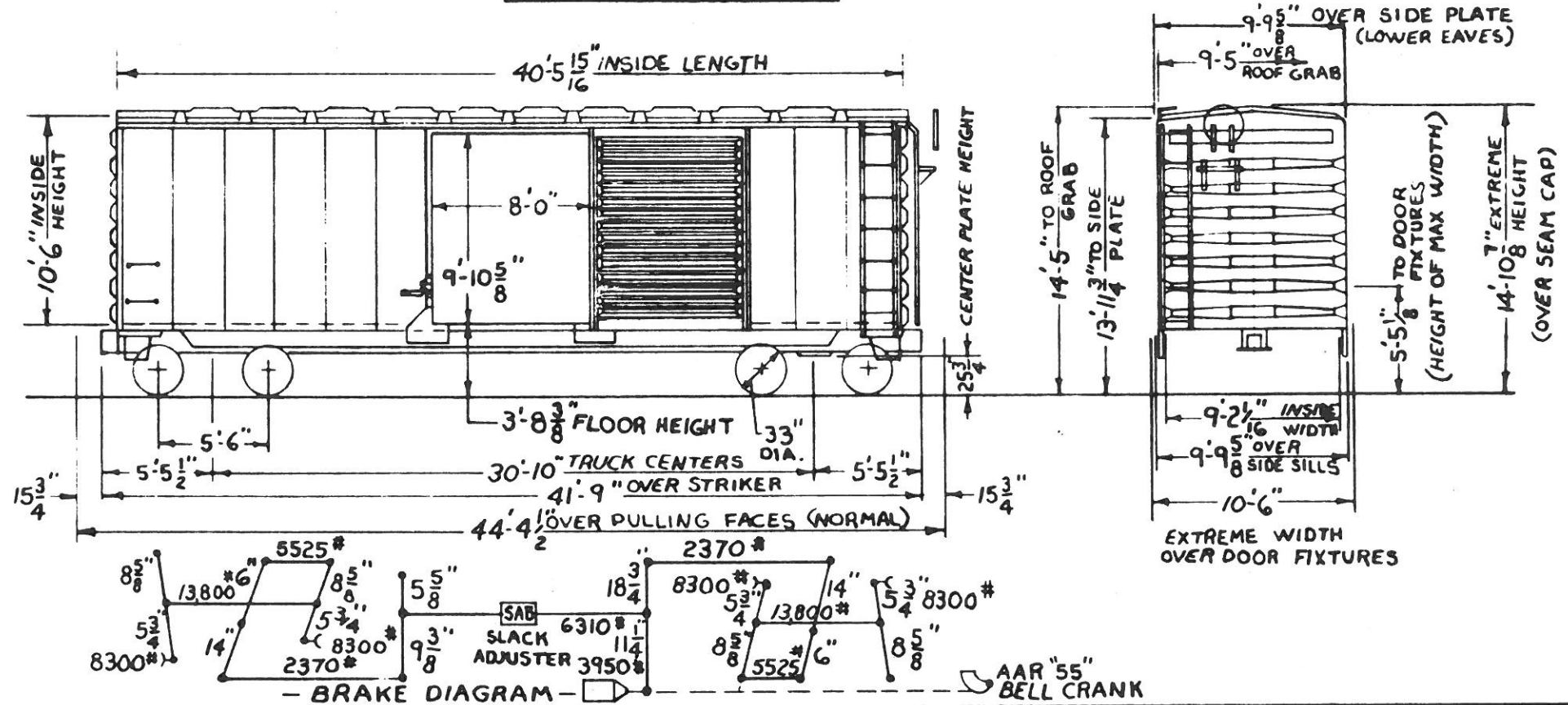
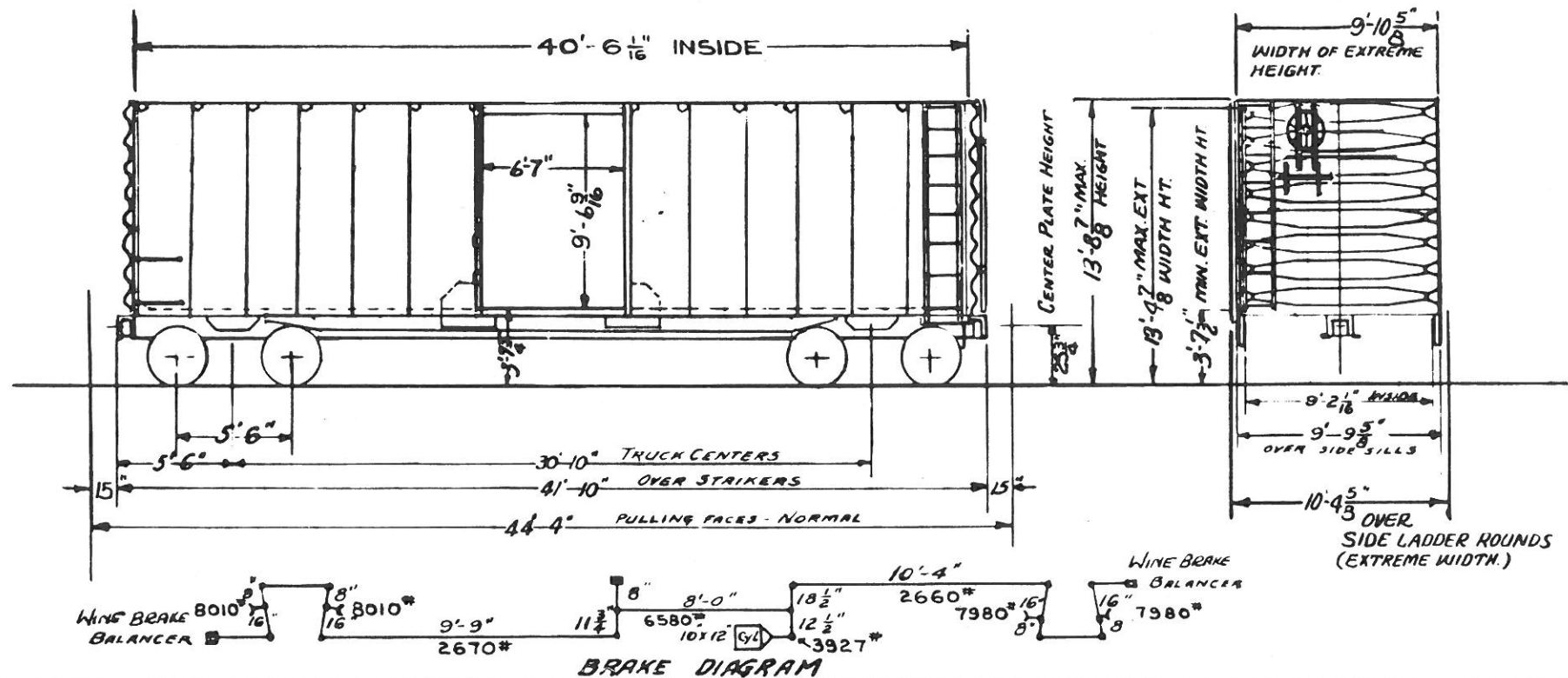


# 55 TON BOX CAR



|                                                        |  |                                                                                              |                                                                                              |
|--------------------------------------------------------|--|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| - GENERAL -                                            |  | DRAFT GEAR ATTACHMENT: GRADE "B" CS YOKES (Y-40)                                             | SIDE BEARING: STUCKI 656-C DT&I DWG. Y-1470                                                  |
| BUILDER: ACF (BERWICK)                                 |  | ENDS: STD. RY. EQUIP. TOP SHEET 3/16\"                                                       | SIDE FRAME: AAR CODE F5A-02AB-VA, ASF PATT. NO. 21728-D, AAR IDEN. NO. 289, DT&I DWG. W-2485 |
| YEAR BUILT: 1951 REBUILT: 1971                         |  | END SILL: 6\"                                                                                | INTEGRAL BOX MODIFIED FOR ROLLER BEARINGS                                                    |
| BUILDER'S REF.: 01-3494                                |  | FLOORING: 23/8\"                                                                             | PER DT&I DWG. W-9547                                                                         |
| AAR CLASS: XM                                          |  | GENERAL DWG.: ACF 620-5024-J                                                                 | SPRINGS: 3\"                                                                                 |
| NO. REBUILT: 1 JACKSON SHOPS                           |  | HAND BRAKE: UNIVERSAL 5700-G232-A                                                            | AND 10 OUTER COILS (0-5) PER TRUCK                                                           |
| CAPY: 3898 CU. FT.                                     |  | LINING: END - STEEL STD. RY. EQ. 41-2262 TALT 2-17-71                                        | TYPE OF TRUCK: 50-TON A-3 RIDE CONTROL SPRING                                                |
| LT. WT.: 51,400 LBS.                                   |  | SIDE - 3/4\"                                                                                 | PLANKLESS, EQUIPPED FOR UNIT BRAKE BEAMS,                                                    |
| LOAD LIMIT: 125,600 LBS.                               |  | ROOF: STD. RY. EQUIPMENT 7R-8287-A                                                           | MODIFIED FOR ROLLER BEARINGS                                                                 |
| - BODY -                                               |  | SIDE BEARING CENTERS: 4'-2"                                                                  | WHEELS: 1 WEAR CAST STEEL, CJ-33                                                             |
| AIR BRAKE MFG.: WESTINGHOUSE                           |  | SIDE PLATE: ROLLED W.U.S. STEEL SEC. S-281@99#                                               |                                                                                              |
| SCHEDULE: ABD 10X12 CYLINDER                           |  | SIDE SHEETS: .10\"                                                                           |                                                                                              |
| B-1 QUICK SERVICE VALVE #570914                        |  | SIDE SILL: 6\"                                                                               |                                                                                              |
| BODY CENTER PLATE: 113/4\"                             |  | SIDE SILL REINF.: CHANNEL 10\"                                                               |                                                                                              |
| PATT. NO. 45-46-HT-WELDED APPLICATION                  |  | SLACK ADJUSTER: SAB DRV2-USA-DJ                                                              |                                                                                              |
| BODY SIDE BEARING: 5/8\"                               |  | - TRUCK -                                                                                    |                                                                                              |
| CENTER SILL: 2-36.2\"                                  |  | BOLSTER: AAR CODE B5A-03EG-DH, ASF PATT. NO. 21629-BP, AAR IDEN. NO. 1207, DT&I DWG. W-10140 | CAR: 41017                                                                                   |
| CENTER SILL AREA: 21.3 SQ. IN.                         |  | BRAKE BEAM: UNIT #18                                                                         | D.T. & I. RAILROAD                                                                           |
| COUPLER: E\"                                           |  | GENERAL DWG.: W-2487                                                                         | MECHANICAL ENGINEERING DEPT. 9-24-71                                                         |
| COUPLER RELEASE RIGGING: STD. RY. EQUIPMENT (W-8216-B) |  | JOURNAL: 5 1/2\"                                                                             | - REVISION -                                                                                 |
| DOORS: YOUNGSTOWN TYPE FR-63 (DT&I DWG. V-1031)        |  | JOURNAL BEARINGS: BRENCO 5-A                                                                 |                                                                                              |
| DRAFT GEAR: MINER A-22-XL                              |  | JOURNAL BEARING STOP BLOCK: PORTECK K-115444                                                 |                                                                                              |

— 55 TON COKE CAR —



|                                             |                                                       |                                             |
|---------------------------------------------|-------------------------------------------------------|---------------------------------------------|
| <b>GENERAL</b>                              | A.C.&F. DWG. W-9821 TOP SHEET 3/4" (MODIFIED)         |                                             |
| BUILDER:- A.C.F. - CHICAGO PLANT.           | END SILL:- 6x3 1/2"x 5/16" L                          | SIDE FRAME: B.S.C. PATT. F-5126 DWG. W-9881 |
| YEAR BUILT:- 1948 (CONVERTED 1963)          | FLOORING:- "NAILABLE STEEL FLOOR" (GREAT LAKES STEEL) | SPRINGS:- SYM.-G'LO COIL-ELLIPTIC R-500GM   |
| BUILDERS REF.: 3224                         | GENERAL DRAWING: X-6482                               | TRUCK TYPE: "UNIT"- SPRING PLANKLESS        |
|                                             | HAND BRAKE: "UNIVERSAL" WX-2000                       | WHEELS: ONE WEAR WROUGHT STEEL              |
| A.A.R. CLASS GD                             | LINING: END 25/32" T & G.                             | 33" DIAM.                                   |
| N.O. CONVERTED - G                          | " SIDE 25/32" T & G.                                  |                                             |
| CAPX. - 3736 CU FT.                         |                                                       |                                             |
| AVER. LT. WT. - 46800 LBS.                  | SIDE SILL:- 6x3 1/2"x 5/16" ANGLE                     |                                             |
| AVER. LOAD LIMIT: 130,200 LBS               | " BEARING CENTERS: 4'-2"                              |                                             |
| <b>BODY</b>                                 | SHEATHING: STEEL-WELDED                               |                                             |
| AIR BRAKES:- NEW YORK AIR BRAKE CO.         | SUPERSTRUCTURE: STEEL-WELDED                          |                                             |
| SCHEDULE:- PB 10x12                         |                                                       |                                             |
| BODY CENTER PLATE:- 12" DROP FORGED         | <b>TRUCK</b>                                          |                                             |
| CENTER SILL: AAR Z-26; 2; 72.4 LB./FT.      | BOLSTER: B.S.C. PATT. B-5353 DWG W-9661               | CARS: 94008-94014                           |
| " AREA:- 213 SQ. IN.                        | BRAKE BEAM: UNIT TYPE #18                             | D.T. & I.                                   |
| COUPLER:- TYPE "E" 6x8 BOT. OPERATED        | CENTER PLATE: INTEGRAL                                | MATIVE POWER DEPT. 1-2-64                   |
| " RELEASE RIGGING:- "IMPERIAL ROTARY"       | GENERAL DRAWING:- W-4820                              | - REVISIONS-                                |
|                                             | JOURNAL: 3 1/2 x 10"                                  |                                             |
| DRAFT GEAR:- CARDNELL WEST M'NSE NYNY       | JOURNAL BOX: INTEGRAL                                 |                                             |
| COUPLER YAKE:- C.S. VERT. NAT'L. MALL       |                                                       |                                             |
| ENDS: A.C.&F. DWG. W-4822 BOTTOM SHEET 1/4" | SIDE BEARING: "STUCKI" 65G-C                          |                                             |





|                                                |                                       |                 |                                      |
|------------------------------------------------|---------------------------------------|-----------------|--------------------------------------|
| - GENERAL -                                    |                                       | BODY (CONT.)    |                                      |
| BUILDER - INTERNATIONAL HY CAR & EQT. MFG. CO. | GENERAL DWG. - 2E-18D,                | DT&I DWG V-2442 | SPRINGS: DOUBLE ELLIPTIC(DWG.Y-4415) |
| YEAR BUILT - 1948-1949                         | HAND BRAKE: - 2- AJAX CONSOLIDATED    |                 | SPRING PLANK:(DWG Y-9065)            |
| BUILDERS REF -                                 | LINING:- 1/2" PLYWOOD                 |                 | TRANSOM: STD.CARTRUCK DWG.B-5536-    |
| R.R.SPEC. NO.: NONE                            | ROOF: -STANRAY TR-6717-B              |                 | PATT.NO.TT-6006 (DT&I DWG. W-4842)   |
| No. BUILT:- 18                                 | SIDE SILL:- 3/8"x 5 x 3 1/4" ANGLE    |                 | TYPE OF TRUCK: BARBER SWING MOTION   |
| AVER. LIGHT WT.:- 50500                        | " BEARING CENTERS 4'-2"               |                 | WHEELS: I WEAR WROT STEEL 33"DIA.    |
| LENGTH OVER STRIMERS:- 37'-4"                  | SHEATHING:- 1/8" STEEL                |                 |                                      |
|                                                | STOVE:- VAPOR "CABAN" MODEL TCHA-55   |                 |                                      |
|                                                | SUPERSTRUCTURE:- STEEL                |                 |                                      |
|                                                | RUNNING BOARD:- APEX 1963A            |                 |                                      |
|                                                | SIDE PLATE: STANRAY TW-6525-B         |                 |                                      |
|                                                | TOILET:                               |                 |                                      |
|                                                | - TRUCK -                             |                 |                                      |
|                                                | BOLSTER:- STD.CARTRUCK DWG.B-5534-K   |                 |                                      |
|                                                | PATT.NO. WB-5534 (DT&I DWG.W-4643)    |                 |                                      |
|                                                | BRAKE BEAM: #3+ HANGER TYPE           |                 |                                      |
|                                                | GENERAL DWG:- E-2357-B (DT&I Y-4641)  |                 |                                      |
|                                                | JOURNAL:- 5" X 9"                     |                 |                                      |
|                                                | BOX:- INTEGRAL                        |                 |                                      |
|                                                | SIDE BEARINGS: W.H.MINER              |                 |                                      |
|                                                | SIDE FRAME: STD.CARTRUCK DWG.B-5538-H |                 |                                      |
|                                                | PATT.NO. WT-5538 (DT&I DWG.W-4644)    |                 |                                      |

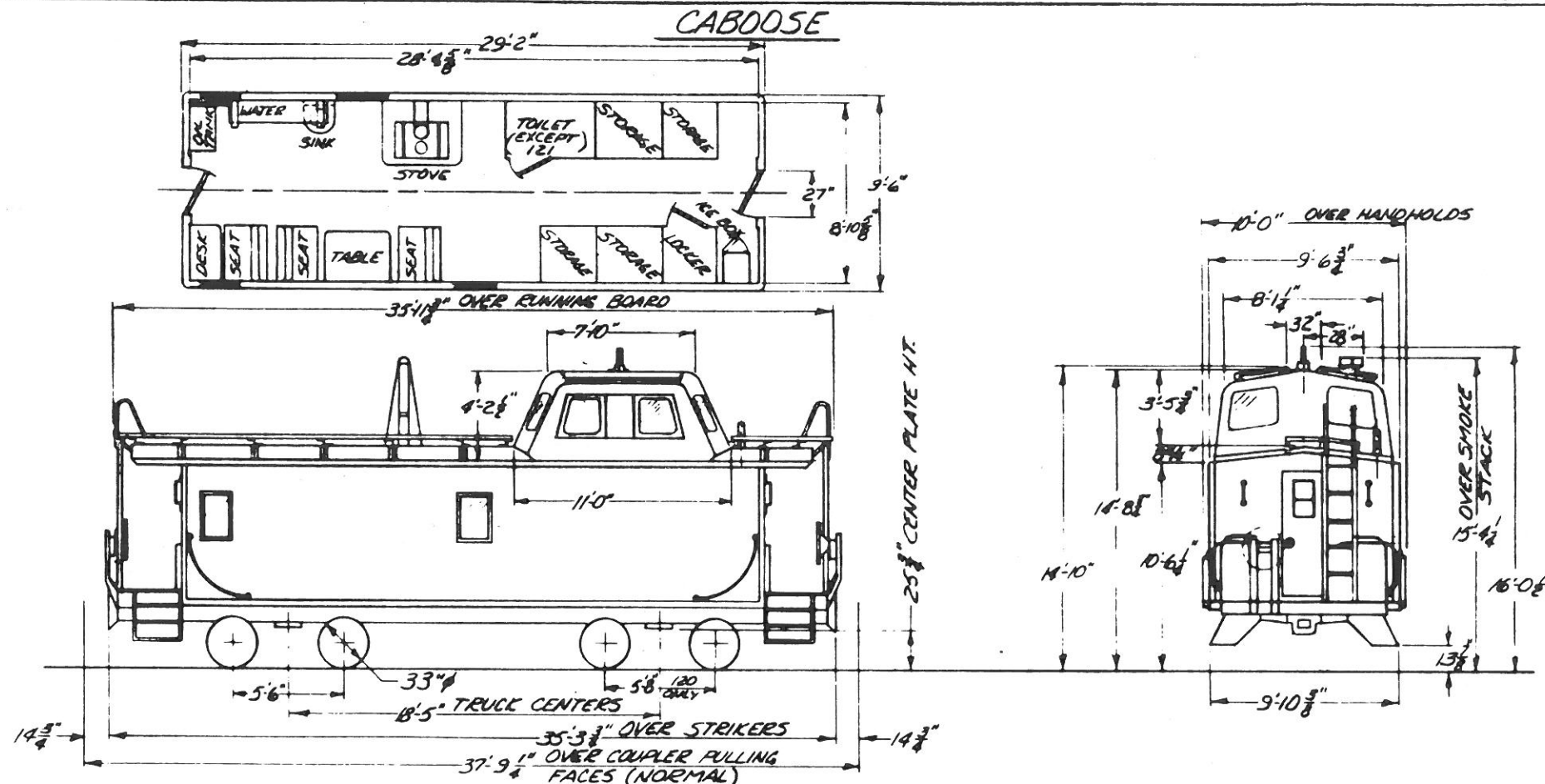
CARS 100-117

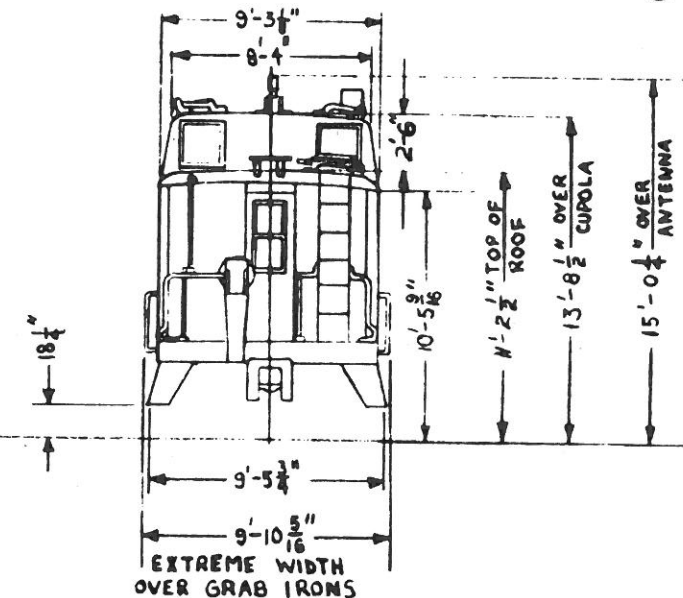
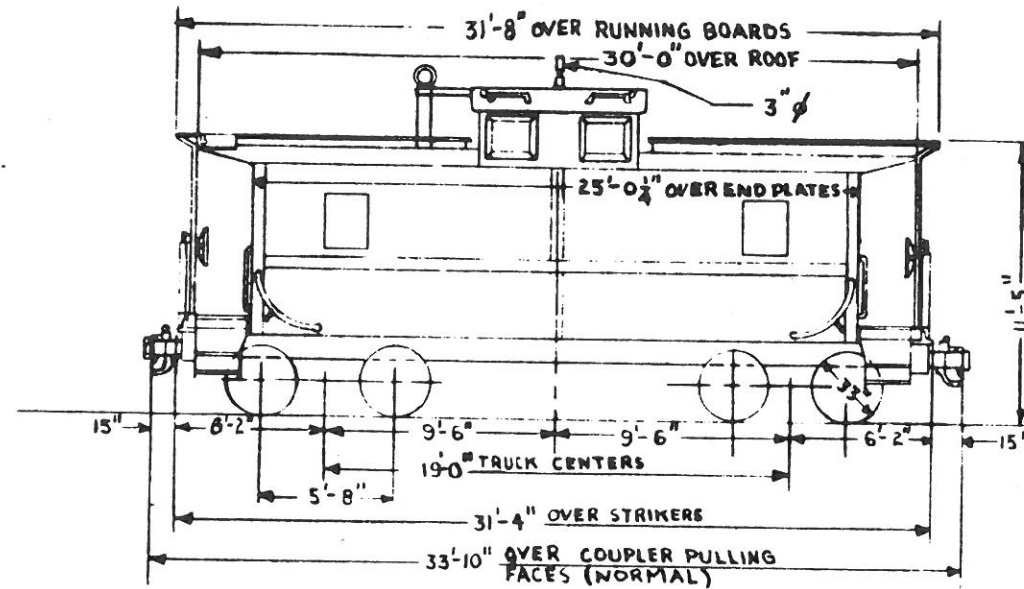
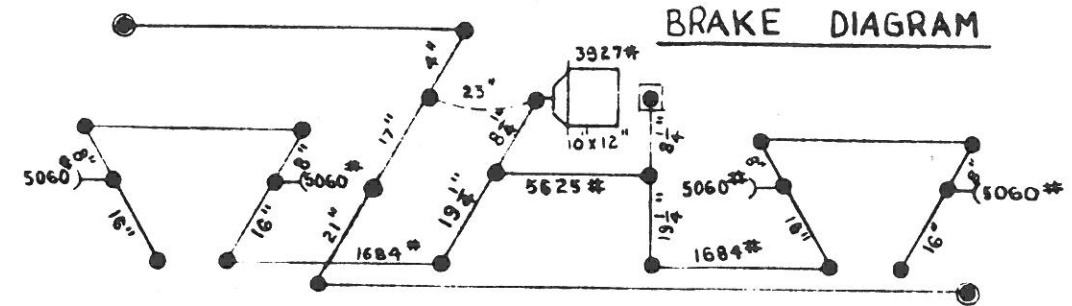
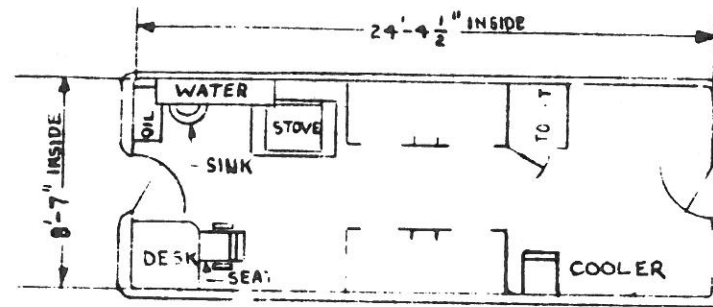
D.T.&I.

MOTIVE POWER DEPT

REVISION

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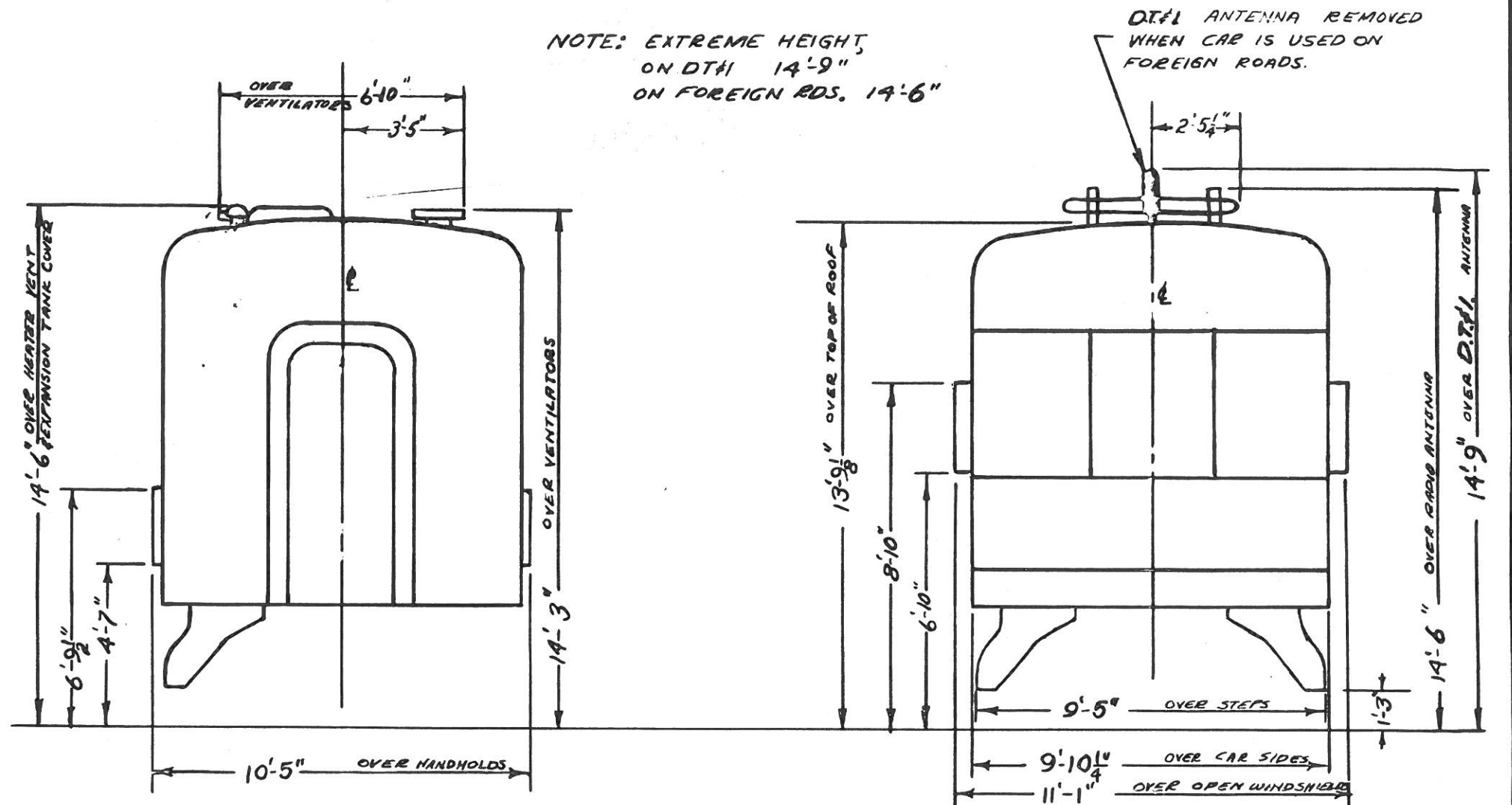


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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p align="center">— GENERAL —</p> <p>BUILDER: READING RAILROAD</p> <p>YEAR BUILT: 1931     REBUILT 1969</p> <p>BUILDER REF. CLASS NMH</p> <p>AVE. LT. WT.: 48,600 LBS.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <p>RUNNING BOARD: APEX (FROM 16500 SERIES BOX CARS)</p> <p>SEAT: FREEDMAN #4092</p> <p>SIDE BEARING CENTERS: 4'-8"</p> <p>SIDE LINING: 3/4" ARMORBORD</p> <p>SIDE SILL: CAST INTEGRAL WITH UNDERFRAME</p> <p>SIDE SHEATHING: 1/8" STEEL</p> <p>STEP TREADS: BLAW-KNOX 38-B-568 GALV.</p> <p>STOVE: VAPOR, "CABAN" MODEL TCHA-55</p> <p>THERMAL DRAIN VALVE: OGONTZ PP-FR, 3/4"</p> <p>TOILET: MINK-DAYTON MODEL 110</p> <p>WASHSTAND: MINK-DAYTON MODEL 112-FLH</p> <p>WATER COOLER: MINK-DAYTON MODEL 64</p> <p>WATER TANK: MINK-DAYTON MODEL 26 (30 GAL.)</p> <p>WINDOWS: CARBODY: ADAMS WEST LAKE DM 8185</p> <p>COUNPOLA, END: ADAMS WEST LAKE DM 818</p> <p>COUNPOLA, SIDE: ADAMS WEST LAKE DM 8182</p> <p>DOOR: ADAMS WEST LAKE DM 8189 (COMPLETE)</p> <p>WINDOW SCREENS: CARBODY A1W DM 8184</p> <p>COUNPOLA SIDE A1W DM 8186</p> <p>DOOR A1W CM 4375</p> |  | <p>PATT. NO. WB-5534-A (DWG. W-4643)</p> <p>BRAKE BEAM: #18 HANGER TYPE</p> <p>BRAKE BEAM SAFETY: CRECO 12414-3 (DWG. X-9093)</p> <p>GENERAL DWG. STD. CAR TRUCK E-2402 (DWG. W-9006)</p> <p>JOURNALS: 5" X 9"</p> <p>SIDE BEARINGS: STD. CAR TRUCK L-20-R (DWG. X-9080)</p> <p>SIDE FRAME: STD. CAR TRUCK DWG. B-5538-H</p> <p>PATT. NO. WT-5538 (DWG. W-4644)</p> <p>WITH WASTE RETAINER RIBS</p> <p>SPRINGS: DOUBLE ELLIPTIC (DWG. Y-4415)</p> <p>SPRING PLANK: DT &amp; I DWG. Y-9065</p> <p>TRANSOM: STD. CAR TRUCK DWG. B-5580-</p> <p>PATT. NO. TT-5580 (DWG. W-9077)</p> <p>TYPE OF TRUCK: BARBER SWING MOTION</p> <p>WHEELS: 1 WEAR WROUGHT STEEL</p> |  |
| <p align="center">— BODY —</p> <p>AIR BRAKE MFG.: WESTINGHOUSE</p> <p>AIR BRAKE SCHEDULE: AB 10x12</p> <p>BODY CENTER PLATE: 11 3/4" GSC PATT. 21511-2</p> <p>BODY SIDE BEARINGS: 3/8" HARDENED STEEL</p> <p>CENTER SILL: CAST INTEGRAL WITH UNDERFRAME</p> <p>COUPLER: 6 1/4" X 8" SLOTTED "E" TOP OPERATED</p> <p>COUPLER RELEASE RIGGING: READING CO.</p> <p>DOOR: MET-L-WOOD (DWG. B-9086)</p> <p>DRAFT GEAR: CARDWELL-WEST. NY-11-H</p> <p>DRAFT GEAR ATTACHMENT: "FARLOW"</p> <p>2 KEY-YOKE DWG. Y-5412</p> <p>GENERAL DWG: V-9063</p> <p>HAND BRAKE: AJAX</p> <p>OIL FILTER: VAPOR 4024-BR</p> <p>OIL TANK: MINK-DAYTON MODEL 31 (30 GALLONS)</p> <p>ROOF: READING CO. (DT &amp; I DWG. W-8007)</p> |  | <p align="center">— TRUCK —</p> <p>BOLSTER: STD. CAR TRUCK DWG. B-5534-K</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | <p align="center">CARS: 130-134</p> <p align="center">D.T. &amp; I. RAILROAD</p> <p align="center">MECHANICAL ENGINEERING DEPT.     11-6-69</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |





NOTE: EXTREME HEIGHT,  
ON DT#1 14'-9"  
ON FOREIGN RDS. 14'-6"



**BUSINESS CAR 1907**

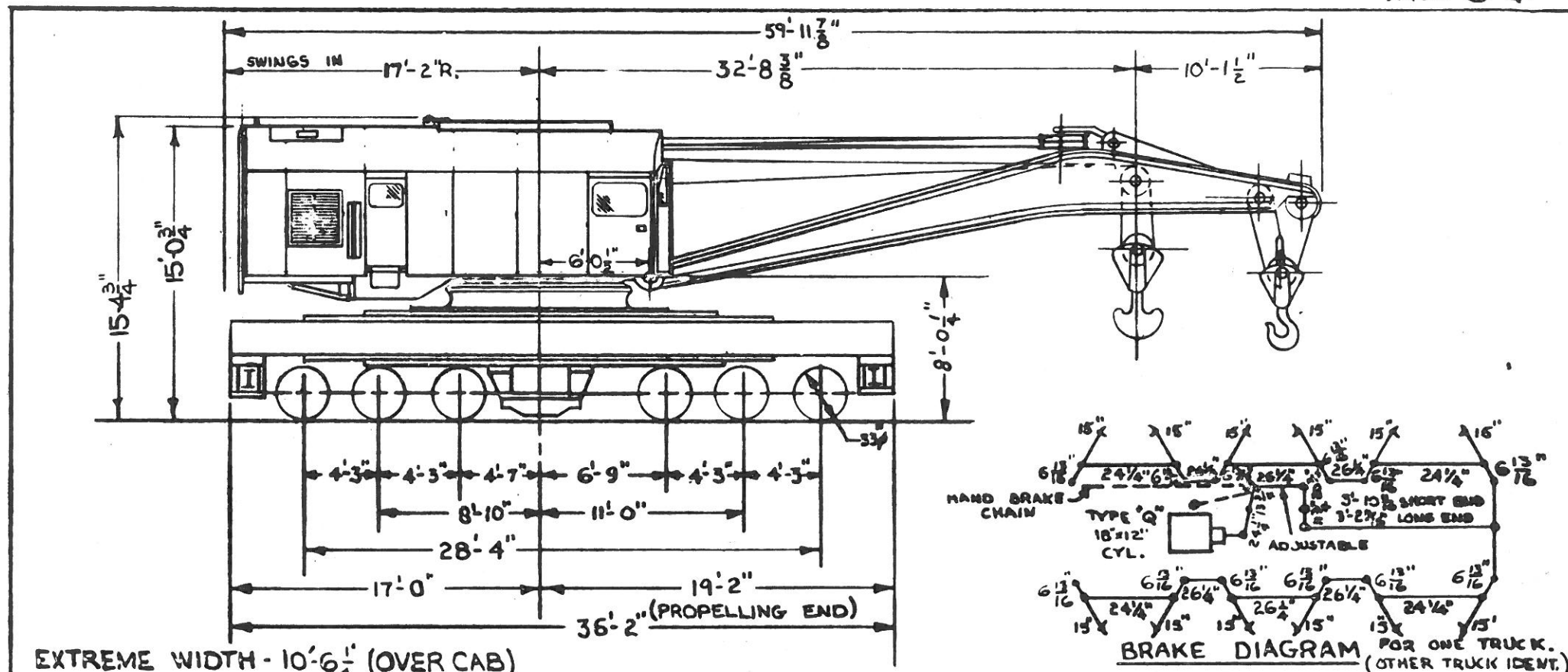
### CLEARANCE DIAGRAM.

MOTIVE POWER DEPT

12-26-56

A  
10-25-57





|                                                     |                                       |                                          |                                            |
|-----------------------------------------------------|---------------------------------------|------------------------------------------|--------------------------------------------|
| BUILDER: INDUSTRIAL BROWNHOIST CORP.                | FLOODLIGHTS: STUROLITE 120-500        | = WITHOUT OUTRIGGERS IN POSITION =       |                                            |
| YEAR BUILT: 1926                                    | 250 WATT, 120 VOLT A.C. (THREE)       | - MAIN HOIST -                           | - AUXILIARY HOIST -                        |
| BUILDERS REF: SERIAL NO. 4491 (TYPE 3)              | SHUTTERS: KYSOR M-517-F (MANUAL)      | 80,000 LBS @ 17'-6" R.                   | 56,000 LBS @ 24'-0" R.                     |
| REBUILT & REPOWERED: 1967-1968                      | TORQUE CONVERTER: TWIN DISC MODEL     | 61,000 LBS @ 21'-0" R.                   | 40,000 LBS @ 30'-0" R.                     |
| MANITOWOC EQUIPMENT WORKS                           | F-10029-TC-1, SPEC. NO. 93588         | 47,000 LBS @ 25'-0" R.                   | 31,000 LBS @ 35'-0" R.                     |
| WEIGHT: 360,850 LBS.                                | SERIAL NO. 229664                     | 39,000 LBS @ 28'-0" R.                   | 28,000 LBS @ 38'-0" R.                     |
|                                                     | TORQUE 470 L. FT. LBS.                | 35,000 LBS @ 30'-0" R.                   | 26,000 LBS @ 40'-0" R.                     |
| AIR COMPRESSOR: GARDNER-DENVER "V" TYPE             | VOLTAGE REGULATOR: ELECTRIC REGULATOR |                                          | 24,000 LBS @ 42'-0" R.                     |
| 2 STAGE, ADJUSTABLE 3/4" DIA. X 4" STROKE           | CO. "REG OHM" 12303-A                 |                                          |                                            |
| POOR MAX. DISCHARGE PRESSURE, 61.8 C.F.M.           |                                       | MIN. RADIUS CURVE: SELF-PROPELLING - 47' |                                            |
| 2470 R.P.M. SERIAL NO. 554331                       | - LIFTING CAPACITIES -                | (125 FT. RADIUS)                         |                                            |
| (COMP. SET TO CUT OUT @ 110 P.S.I.)                 | = ALL OUTRIGGERS IN POSITION =        |                                          |                                            |
| ALTERNATOR: GENERAL ELECTRIC EAS-349YB3             | - MAIN HOIST -                        | - AUXILIARY HOIST -                      | - TRUCK -                                  |
| 3 K.V.A. - 1 WINDING 115 VOLT - 8.7 AMP. A.C.       | 400,000 LBS @ 17'-6" R.               | 120,000 LBS @ 24'-0" R.                  | 6 WHEEL TYPE 6 1/2" x 12" FRICTION BEARING |
| 1 WINDING 37.5 VOLT - 26.6 AMP. A.C.                | 300,000 LBS @ 21'-0" R.               | 100,000 LBS @ 30'-0" R.                  | JOURNALS.                                  |
| RECTIFIED TO 32 VOLT D.C.                           | 230,000 LBS @ 25'-0" R.               |                                          |                                            |
| BATTERY: EXIDE DLT-7-HYCAP 32 VOLT                  | 180,000 LBS @ 28'-0" R.               |                                          |                                            |
| CAB HEATER: KYSOR M-1565 - 24 VOLT -                | 150,000 LBS @ 30'-0" R.               |                                          |                                            |
| DIESEL ENGINE: DETROIT DIESEL DIV. - GEN. MODEL     | = END OUTRIGGERS IN POSITION ONLY =   | WRECKING DERRICK NO 99402                |                                            |
| SERIES 771 8 CYLINDER "V" TYPE MODEL                | - MAIN HOIST -                        | - AUXILIARY HOIST -                      | D.T. & I.                                  |
| 7073-7000 SERIAL NO. 62087                          | 300,000 LBS @ 17'-6" R.               | 100,000 LBS @ 24'-0" R.                  | MECHANICAL ENGINEERING DEPT.               |
| CYLINDERS 4 1/2" x 5 1/2" COMP. RATIO 567.5 CO. IN. | 180,000 LBS @ 21'-0" R.               | 100,000 LBS @ 32'-0" R.                  | 1-30-70                                    |
| TOTAL DISPLACEMENT                                  | 125,000 LBS @ 25'-0" R.               | 90,000 LBS @ 35'-0" R.                   | - REVISIONS -                              |
| DIESEL ENGINE HEATER: MANITOWOC DESIGN              | 107,000 LBS @ 28'-0" R.               | 80,000 LBS @ 40'-0" R.                   |                                            |
| LP GAS FUEL - HEATER: CUMMINS TYPE 12               | 110,000 LBS @ 30'-0" R.               |                                          |                                            |
| HEATER MODEL 30-M-3 - 20,000 BTU INPUT              |                                       |                                          |                                            |
| DIESEL ENGINE PUMPER: CONALDSON MEMOR-0009          |                                       |                                          |                                            |

BUILDER : SOUTHWARK FOUNDRY & MACHINE CO.  
YEAR BUILT : 1925  
BUILDERS REF :  
AAR CLASS : NONE  
NO. BUILT : 1  
WT. : 82,000 LBS.

BODY: CAST BY BUILDER  
COUPLER: 6"x8" ARA STD."D"  
COUPLER RELEASE RIG: CARMER  
DRAFT GEAR: WESTINGHOUSE D-3  
" " ATTACHMENT: CAST  
GEN. DWG. NO. S.F. & M. CO. 81391A; D.T. 41-X-1630  
HAND BRAKE:  
AIR BRAKE : NONE (HAS THRU TRAIN LINE)

BRAKE BEAM: ARA#2 PLUS  
 JOURNAL: TIMKEN 5/8" X 10" QUAD ROLLER BEARING  
 " BOX: TIMKEN K-30038  
 SPRINGS: SEMI ELLIPTICAL-CARBON STL. E-2515  
 WHEELS: 33" WROT STEEL  
 AXLE: TIMKEN K-49023 DWG Y2525

D.T. & I.

**MOTIVE POWER DEPT.**

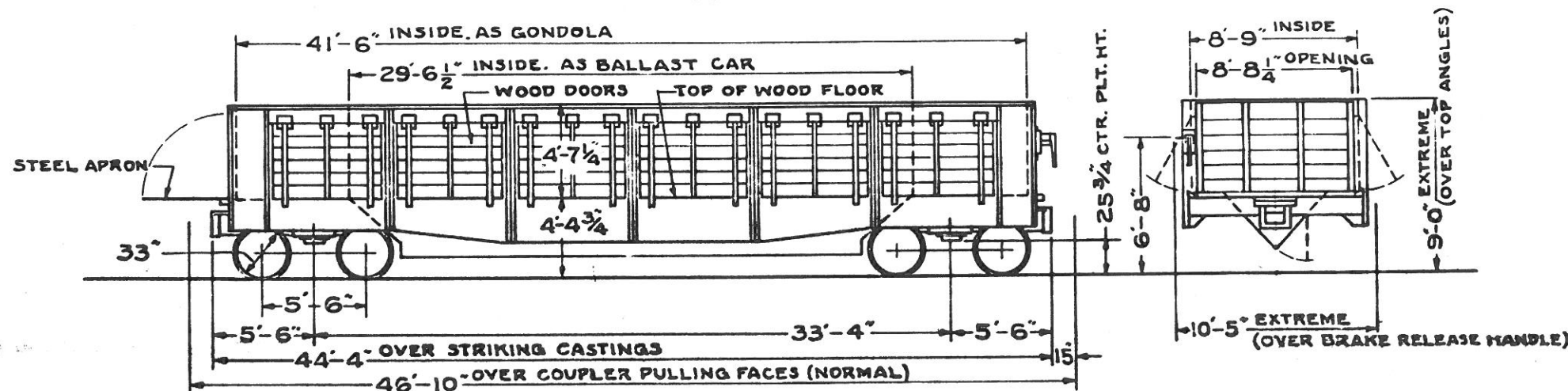
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## REVISIONS

1/2

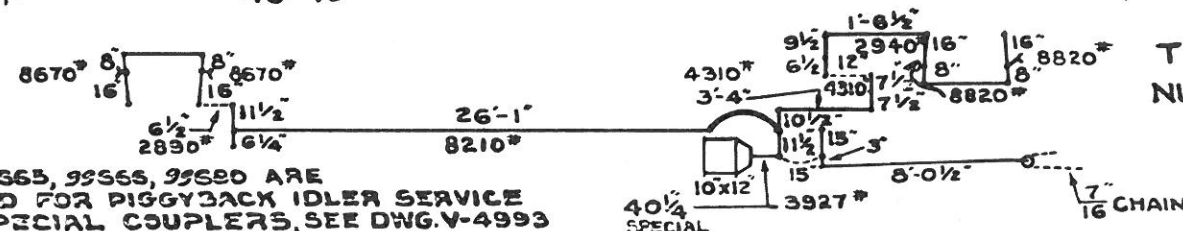
# CONVERTIBLE GONDOLA BALLAST

55-TON



NOTE: CARS 99663, 99665, 99680 ARE EQUIPPED FOR PIGGYBACK IDLER SERVICE WITH SPECIAL COUPLERS, SEE DWG. V-4993

## BRAKE DIAGRAM



THESE CARS WERE ORIGINALLY NUMBERED 6451-6470.

CARS 99673 AND 99679 HAVE SIDES REMOVED AND RAIL APPLIED ON DECK FOR TRANSPORTATION OF MOW TRACK MACHINERY. SEE DWG. V-3363

**GENERAL**  
 BUILDER:- MT. VERNON CAR MFG. CO.  
 YEAR BUILT:- 1925  
 BUILDER'S REF:- ORDER NO. 6208.  
 R.R. SPEC. NO.- NONE.  
 NO. BUILT:- 20  
 CAPY:- 1572 CU. FT. AS GONDOLA.  
 AVERAGE LT. WT.- 53300 LBS.  
 " LOAD LIMIT:- 113,700 LBS.

**BODY**  
 AIR BRAKE MFG.- N.Y.A.B. CO.  
 " SCHEDULE:- AB  
 BODY CTR. PLT.- 11 3/4" FORGED STEEL.  
 " SIDE BRG.- CAST STEEL.  
 CENTER SILL:- BUILT-UP.  
 " COVER PLT.- NONE.  
 " AREA:-  
 COUPLER:- "D" 6x8" SLOTTED. TOP OR  
 " RELEASE RIG:- "CARMER"  
 DOORS-END:- NONZ.  
 " -HOPPER:- BUILDER'S STEEL.  
 " -SIDE:- " WOOD.

DOOR MECHANISM-END:- NONE.  
 " -HOPPER:- "ENTERPRISE"  
 " -SIDE:- "ENTERPRISE"  
 DRAFT GEAR:- "NATIONAL" M-17. 2 3/4" TRAVEL.  
 " ATTACHMENT:- "FARLOW" 2-KEY.  
 ENDS:- WOOD. REMOVABLE.  
 END SILL:- 10" 15.3 LBS. L

FLOORING:- 2" & 2 3/8"  
 GENERAL DRAWING:- 537E 8504-B  
 HAND BRAKE:- "MINER IDEAL" STAFF.  
 SIDE SILL:- BUILT-UP.  
 " BRG. CENTERS:- 4'-2"

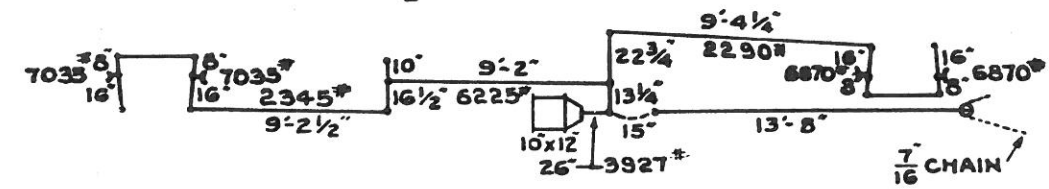
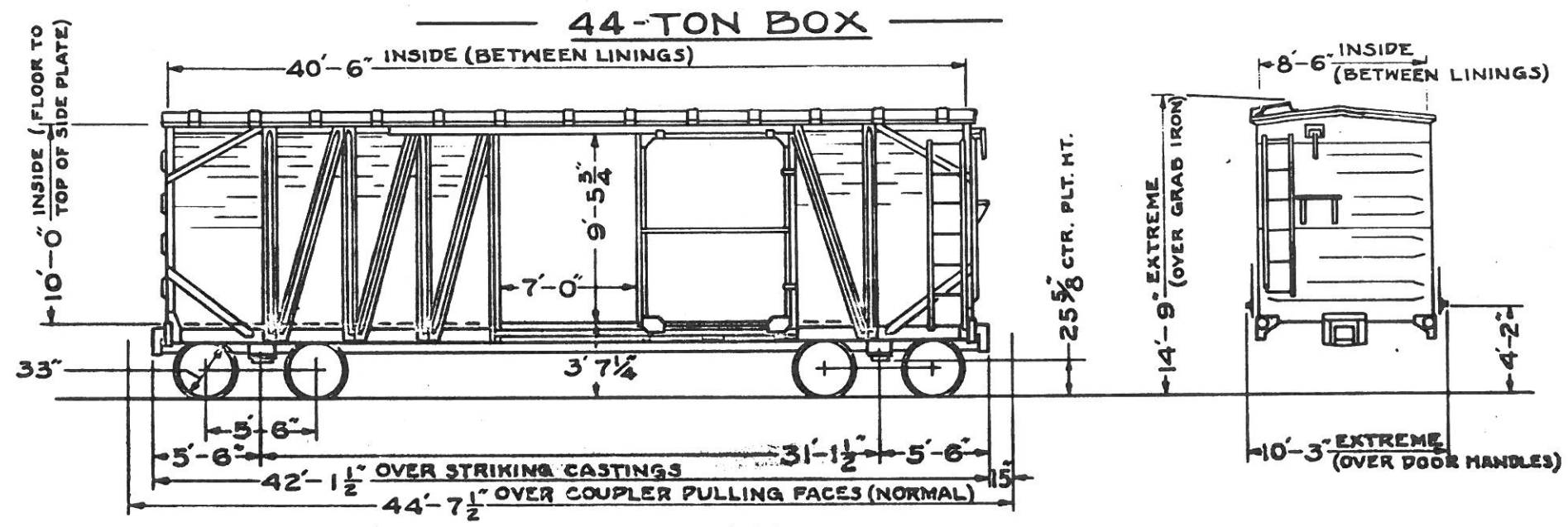
**TRUCK**  
 BOLSTER:- FORD MOTOR CO. ATT. NO. B-570.  
 BRAKE BEAM:- "AJAX" NO. 2+ OR A.A.R. NO. 15.  
 " SAFETY:- 2" x 2" x 1/4" L  
 CENTER PLT.- INTEGRAL.  
 GENERAL DRAWING:- 565 08497-A  
 JOURNAL:- 5 1/2" x 10"  
 " BOX:- INTEGRAL.  
 R.R. SPEC. NO.- NONE.

SIDE BEARING:- "STUCKI"  
 " FRAME:- A.S.F. PATT. NO. 7273  
 SPRINGS:- A.A.R. "D"  
 TYPE OF TRUCK:- PRESSED SPRING PLANK.  
 WHEELS:- 750 LB. CAST IRON.  
 WEIGHT OF BOLSTER:-  
 " SIDE FRAME:- 630 LBS.  
 " ONE TRUCK:-

CARS:- 99662 to 99680

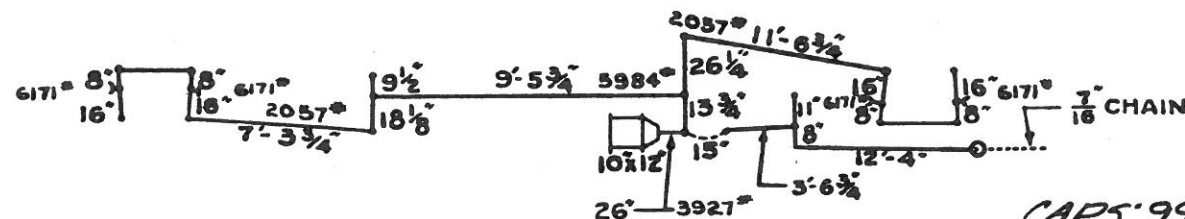
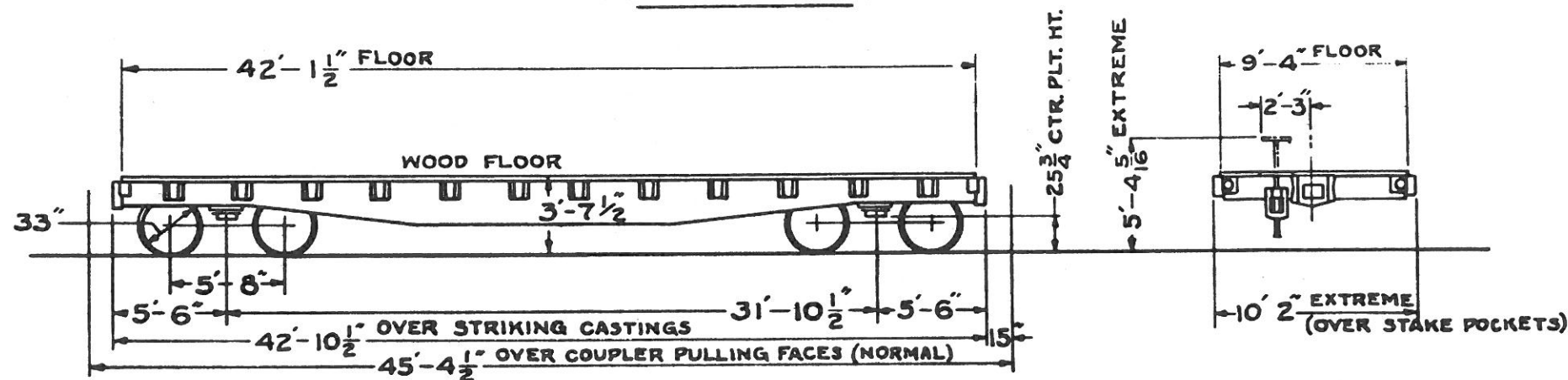
D.T.&I.

MOTIVE POWER DEPT. 9-1-48  
 REVISION  
 12-57 1/61 2/65 3/66



|                                                            |  |                                                 |  |                                              |  |
|------------------------------------------------------------|--|-------------------------------------------------|--|----------------------------------------------|--|
| GENERAL                                                    |  | DRAFT GEAR:- "MINER" A-18-S. 2 1/2 TRAVEL.      |  | JOURNAL BOX:- INTEGRAL.                      |  |
| BUILT BY:- STANDARD TANK CAR CO.                           |  | " ATTACHMENT:- "FARLOW" 2-KEY.                  |  | R.R. SPEC. NO.- NONE.                        |  |
| YEAR BUILT:- 1923.                                         |  | ENDS:- "HUTCHINS"                               |  | SIDE BEARING:- "STUCKI" MALL. IRON.          |  |
| BUIDER'S REF.- S.O. NO. 1155                               |  | END SILL:- 6"x4"x3/8"L                          |  | " FRAME:- A.S.F. PATT. NO. 7323.             |  |
| R.R. SPEC. NO.- NONE                                       |  | FLOORING:- 2 1/4" T&G.                          |  | SPRINGS:- DRAWING 8130. COIL.                |  |
| A.A.R. CLASS:- <del>MWA</del> <del>or</del> <del>MWX</del> |  | GENERAL DRAWING:- 14012-A. D.T. & I. DWG V-2436 |  | TYPE OF TRUCK:- PRESSED SPRING PLANK.        |  |
| NO. BUILT:- 1000                                           |  | HAND BRAKE:- MINER "IDEAL" STAFF.               |  | WHEELS:- 700 LB. CAST IRON.                  |  |
| CAPY.- 3443 CU. FT.                                        |  | LINING-END:- 1 1/2" T&G.                        |  | WEIGHT OF BOLSTER:- 725 LBS.                 |  |
| AVERAGE LT. WT.- 45100 LBS.                                |  | " SIDE:- NONE.                                  |  | " SIDE FRAME:- 575 LBS.                      |  |
| " LOAD LIMIT:- 96900 LBS.                                  |  | ROOF:- "HUTCHINS"                               |  | " ONE TRUCK:-                                |  |
| " WT. ALL WOOD MEMBERS- 14640 LBS.                         |  | SIDE SILL:- 9" 17.5 LBS. LI                     |  | NOTE NO. 1:- 2 1/2"x2 1/2"x3/8"L & "ECONOMY" |  |
| BODY                                                       |  | " BRG. CENTERS:- 4'-2"                          |  | SAFETY GUARD.                                |  |
| AIR BRAKE MFG.- N.Y.A.B. CO.                               |  | SHEATHING:- 1 1/2" & 1 1/4" T&G.                |  | CARS: 99685 & 99713                          |  |
| " SCHEDULE:- A3                                            |  | SUPERSTRUCTURE:- STEEL                          |  | 99728 & 99729                                |  |
| BODY CTR. PLT.- 11 3/4" FORGED STEEL.                      |  | WT. OF ONE DOOR WITH FIXTURES ON DOOR:-         |  | D.T. & I.                                    |  |
| " SIDE BRG.- HARDENED STEEL PLATE.                         |  | TRUCK                                           |  | MOTIVE POWER DEPT.                           |  |
| CENTER SILL:- 12" SHIP CHANNEL 34.5 LBS.                   |  | BOLSTER:- A.S.F. PATT. NO. 7250                 |  | 9-1-42                                       |  |
| " COVER PLT.- 1/4" x 20 3/4"                               |  | BRAKE BEAM:- NO. 2+ "AJAX" OR A.A.R. NO. 15.    |  | REVISION                                     |  |
| " AREA:- 23.2 SQ. IN.                                      |  | " SAFETY:- SEE NOTE NO. 1.                      |  | 11-57 2/60 5-62 2/65                         |  |
| COUPLER:- "D. G. 4" SLOTTED. TOP OP.                       |  | CENTER PLATE:- INTEGRAL.                        |  |                                              |  |
| " RELEASE HIC:- "GARMER"                                   |  | GENERAL DRAWING:- 12073.                        |  |                                              |  |
| DOOR:- WOOD                                                |  | JOURNAL:- 5" x 9"                               |  |                                              |  |
| " FIXTURES:- "CAMEL" NO. 50.                               |  |                                                 |  |                                              |  |

— 77-TON FLAT —



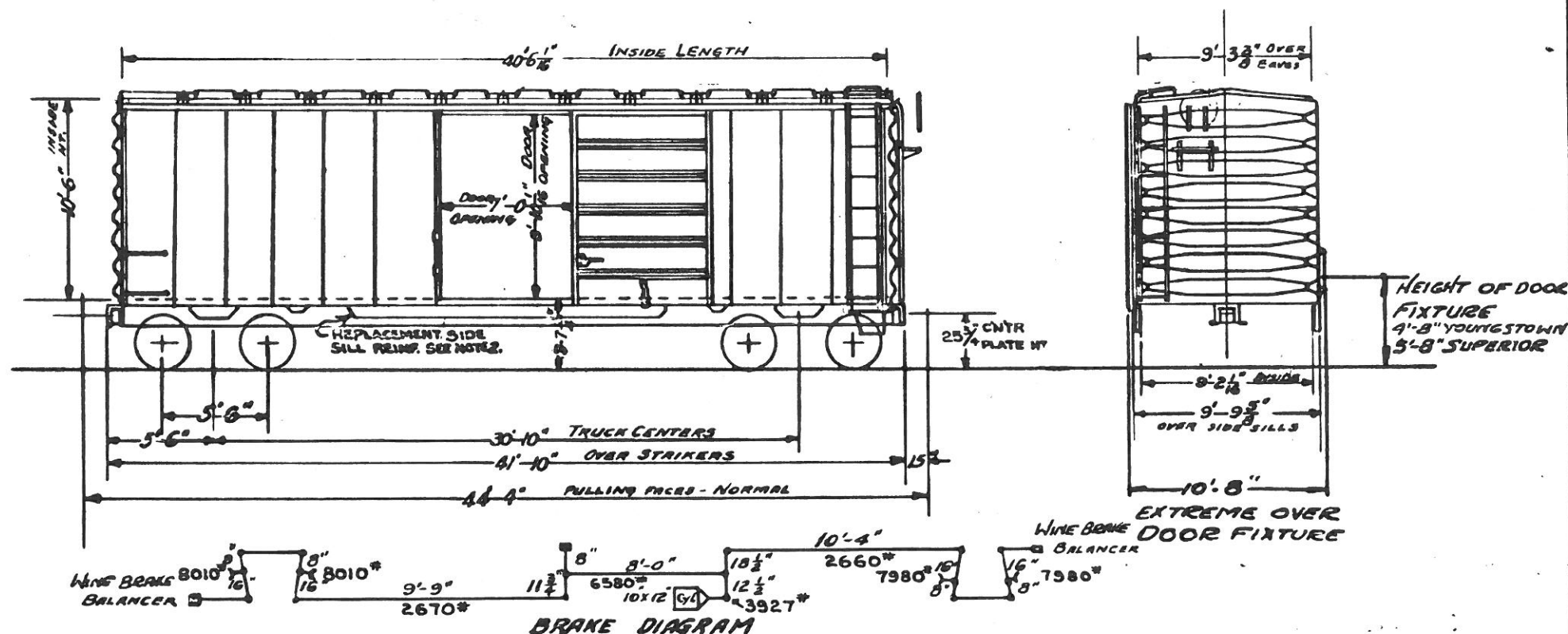
### BRAKE DIAGRAM

CARS: 99710-99712 - 33" WHEEL CARS

CARS: 99732 & 99733 TRACK PANEL CARS

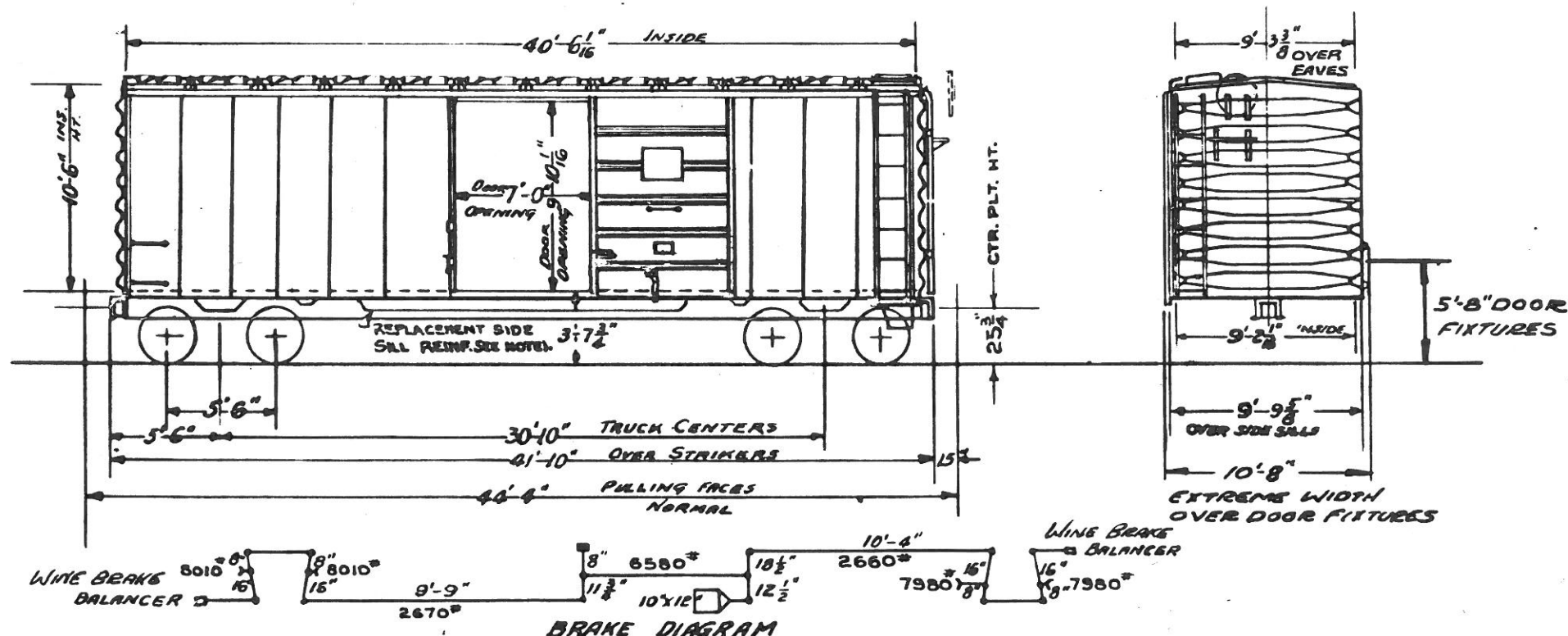
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| ~ GENERAL ~                                  | HEATING SYSTEM: CRANE "SUNNY DAY" MODEL       | - TRUCKS -                                                    |
|----------------------------------------------|-----------------------------------------------|---------------------------------------------------------------|
| BUILDER: PENNSYLVANIA RAILROAD               | G-W-102PA(E) 75000 B.T.U. RATING              | BOLSTER: P.R.R. PATT. S.C.V. 9258 (D.T. & I.DWG. W-2564)      |
| DATE REBUILT: 1966 JACKSON SHOPS             | PROPANE GAS FUELED                            | BRAKE BEAM: INSIDE-P.R.R. MARK 123 (D.T. & I.DWG. Y-4349)     |
| REF.NO. P.R.R. CAR NO. 3917 CLASS P-70       | 1 1/4 DIAM. 4 1/4" x 4 1/4" ALUMINUM FIN TUBE | OUTSIDE-P.R.R. MARK 121A (D.T. & I.DWG. Y-4381)               |
|                                              | RADIATORS HEATING SYSTEM CAPY 18.7 GAL.       | CENTER PLATE: 12" P.R.R. PATTERN F-184 (D.T. & I.DWG. X-5807) |
|                                              | POWER SUPPLY: 115 VOLT A.C. 10 K.W.           | JOURNALS: 5 1/2" x 10" HYATT ROLLER BEARING                   |
|                                              | FAIRBANKS-MORSE MODEL GS10000CRAC             | SIDE BEARINGS: OUTBOARD FRICTION TYPE                         |
|                                              | SINGLE PHASE 3 WIRE 60 CYCLE                  | SPRINGS: ELLIPTIC-COIL                                        |
|                                              | PROPANE GAS CARBURATION                       | TRUCK FRAME: P.R.R. PATT. S.C.V. 9253 (D.T. & I.DWG. V-2565)  |
| ~ BODY ~                                     | REFRIGERATOR: SE MODEL TB-16 SB               | TYPE OF TRUCK: P.R.R. CLASS 2D-P5                             |
| AIR BRAKES: WESTINGHOUSE                     | LEFT HAND DOOR-ELECTRIC                       | WHEELS: 36" MULTIPLE WEAR WROUGHT STEEL-A-36                  |
| AIR BRAKE CYLINDER: 6" x 12"                 | SLEEPING ACCOMODATION: 10 PERSON              |                                                               |
| AIR BRAKE SCHEDULE: U-12 BC                  | SUPPLIES: PROPANE GAS- 330 GAL (12,000 CU FT) |                                                               |
| BLOWER FAN MOTOR: GENERAL ELECTRIC           | WATER 385 GAL                                 |                                                               |
| SKC49QG349 1P. 1140R.P.M.                    | WATER SYSTEM: PUMP-BURKS NO. ASHJS            |                                                               |
| 115VOLT SINGLE PHASE                         | 1 1/2 H.P. MOTOR 115VOLT A.C.                 |                                                               |
| BUFFER DEVICE:                               | 600 G.P.H. CAPY.                              |                                                               |
| CEILING: 1/2" STEEL-X16" MASONITE-LAMINATED  | HEATER: REPUBLIC 30 GAL                       |                                                               |
| CENTER SILL: 2, 18" @ 45.8" MT. SHIP CHANNEL | GLASS LINED PROPANE FUELED.                   |                                                               |
| COUPLER: TIGHT LOCK P.R.R. PATT. V-11251     | SINKS-KITCHEN LYON CRAFT #2048                | WORK EQUIPMENT CAR: 99716                                     |
| COUPLER RELEASE RIGGING                      | SINKS-WASHROOM LYON CRAFT #4-1700             | D.T. & I.                                                     |
| DRIFT GEAR: WAUGH WM-6-DP                    | HOPPER-DUNER #50313                           | MECH. ENG. DEPT. 12-2-69                                      |
| DRIFT GEAR ATTACHMENT: V-63 YORK             |                                               | - REVISIONS -                                                 |
| EXHAUST FAN MOTOR: 10010 250 C.F.M.          |                                               |                                                               |
| FLOORING: TRANS CO AVAILABLE STEEL           |                                               |                                                               |
| HAND BRAKE:                                  |                                               |                                                               |

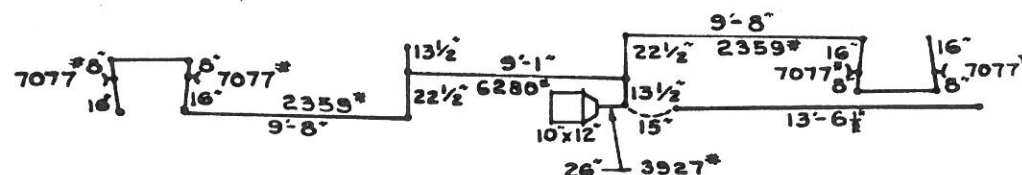
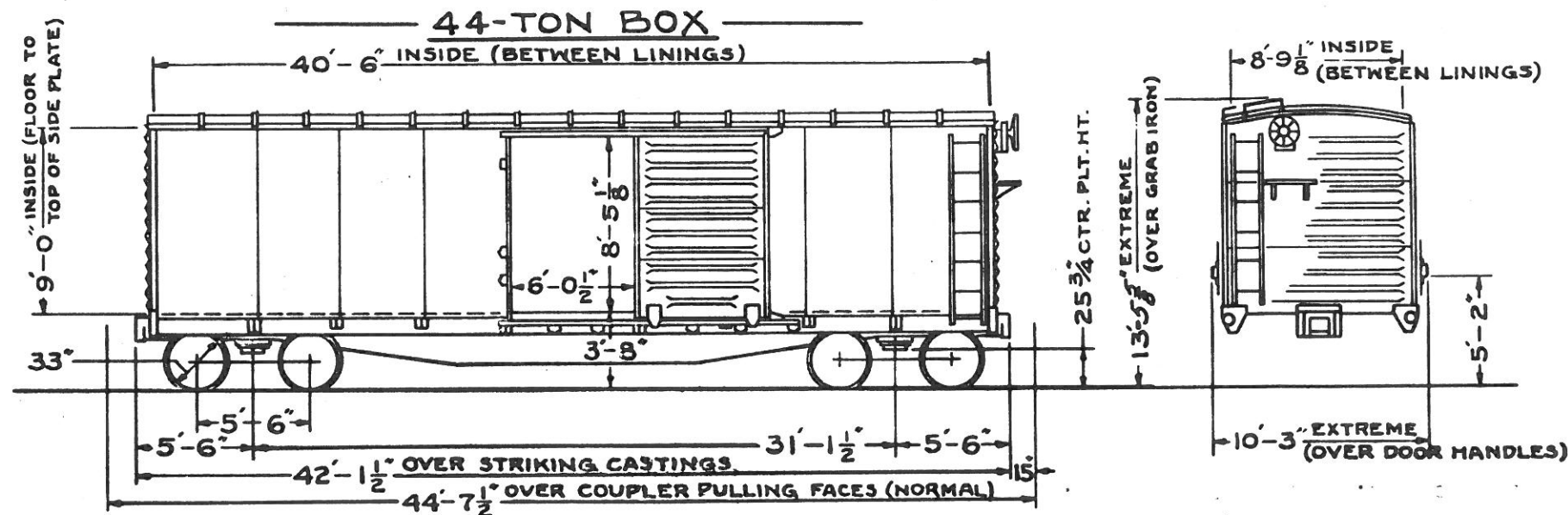


|                                                       |  |                                                             |  |
|-------------------------------------------------------|--|-------------------------------------------------------------|--|
| --- GENERAL ---                                       |  |                                                             |  |
| BUILDER:- A.C.F. - CHICAGO PLANT.                     |  | END SILL:- 6x3 1/2"x 5 1/8" L                               |  |
| YEAR BUILT:- 1948                                     |  | FLOORING: 1 1/2" T & G                                      |  |
| BUILDERS REF:- 3224                                   |  | GENERAL DRAWING: 61-17093-E, DT&I V-2455                    |  |
| R.R. SPEC. NO. 118                                    |  | HAND BRAKE: "UNIVERSAL" WX-2000                             |  |
| A.A.R. CLASS MWM                                      |  | LINING: END 25/32" & 1 1/2" T & G.                          |  |
| NO. BUILT:- 200                                       |  | " SIDE 25/32" & 1 1/2" T & G.                               |  |
| CAPX. - 3901 CU. FT.                                  |  | ROOF: "MURPHY" STRAIGHT PANEL.                              |  |
| AVER. LT. WT. 47,000 LBS. LD. LMT. 129,000 LBS. (NSF) |  | SIDE SILL:- 6x3 1/2"x 7 1/8" ANGLE                          |  |
| LT. WT. 47,000 LBS. LD. LMT. 130,000 LBS. (WOOD FR.)  |  | " BEARING CENTERS: 4'-2"                                    |  |
| --- BODY ---                                          |  | SHEATHING: STEEL - WELDED                                   |  |
| AIR BRAKES:- NEW YORK AIR BRAKE CO.                   |  | SUPERSTRUCTURE: STEEL - WELDED                              |  |
| SCHEDULE:- F3                                         |  |                                                             |  |
| BODY CENTER PLATE:- DROP FORGED                       |  | --- TRUCK ---                                               |  |
| CENTER SILL: AAR Z-25; 2; 72.4 LB./FT.                |  | BOLSTER: OSF. 24-LC-1054-B                                  |  |
| " AREA:- 213 SQ. IN.                                  |  | FRAME BEAM: UNIT TYPE "CRECO" 12546E                        |  |
| COUPLER:- TYPE "E" GHA DOT OPERATED                   |  | CENTER PLATE: INTEGRAL                                      |  |
| RELEASE RIGGING:- IMPERIAL ROTARY                     |  | GENERAL DRAWING:- 31-17663                                  |  |
| DOORS: 14000-14093 "CAMEL-YOUNGSTOWN"                 |  | JOURNAL: 5 1/2"x10"                                         |  |
| 14100-14199 "SUPERIOR CAR DOOR"                       |  | JOURNAL BOX: INTEGRAL                                       |  |
| DRAFT BEAR:- CORDWELL-WESTHOUSE NYIF                  |  | R.R. SPEC. NO. 119                                          |  |
| COUPLER YOK:- C-3 VERT. NATL. MALL                    |  | SIDE BEARING: "STUCKI"                                      |  |
| ENDS: AC&P.                                           |  |                                                             |  |
|                                                       |  | SIDE FRAME: B.S.C. PATT. F-5126                             |  |
|                                                       |  | SPRINGS:- SYM.-G'LO COIL-ELLIPTIC R-5006A                   |  |
|                                                       |  | TRUCK TYPE: "UNIT"- SPRING PLANKLESS                        |  |
|                                                       |  | WHEELS: ONE WEAR WROUGHT STEEL                              |  |
|                                                       |  | 33" DIAM.                                                   |  |
|                                                       |  | NOTE 2. CARS ORIG. EQUIPPED WITH 6"x5 1/2"x10.7" BULB AXLES |  |
|                                                       |  | REPLACED BY DT&I WITH 8"x21.4"x27'-6" SHIP CHAM.            |  |
|                                                       |  | CENTERED BETWEEN BOLSTERS                                   |  |
|                                                       |  |                                                             |  |
|                                                       |  |                                                             |  |
|                                                       |  | CARS 99722 & 99723                                          |  |
|                                                       |  | D.T. & I.                                                   |  |
|                                                       |  | MOTIVE POWER DEPT. 6-6-51                                   |  |
|                                                       |  | REVISIONS                                                   |  |
|                                                       |  | 1/53 3/57 5/57 7/60 8/62 1/65 5/60                          |  |
|                                                       |  | SA RM RM RM RM RM RM                                        |  |

## — 55 TON BOX —



| — GENERAL —                                   | BODY (CONT)                             | TRUCK (CONT)                                         |
|-----------------------------------------------|-----------------------------------------|------------------------------------------------------|
| BUILDER: A.C.F. - Chicago Plant               | FLOORING: 13/4" T&G SEE NOTE 8          | SPRINGS: - S.G. - COIL-ELLIPTIC                      |
| YEAR BUILT: 1949                              | GENERAL DRAWING: 61-17093-E DT&I V-2455 | TRUCK TYPE: "UNIT" SPRING-PLANKLESS                  |
| BUILDERS REF: 3338                            | HAND BRAKE UNIVERSAL WX 2000            | WHEELS - ONE WEAR WROUGHT STEEL                      |
| R.R. SPEC. No. 122                            | LINING: END 25/32" & 1 1/4" T&G         | 33" DIAM.                                            |
| A.A.R. CLASS MWM                              | SIDE 25/32" & 1 1/4" T&G                |                                                      |
| No. BUILT: - 100                              | ROOF: MURPHY - DIAGONAL PANEL           | NOTE 1. CARS ORIG. EQUIPPED WITH 6 1/2" @ 10.7" BULB |
| CAPY: - 3901 CU. FT.                          | SIDE SILL: 6" X 3 1/2" X 5/16" ANGLE    | REPLACED BY DT&I WITH 8" @ 21.4" X 27'-6" SHIP CHAIR |
| AVER. LT. WT. 46200; LD. LIMIT 130,900        | BEARING CENTERS 4'-2"                   | CENTERED BETWEEN BOLSTERS                            |
|                                               | SHEATHING: STEEL - WELDED               | NOTE 2. FLOOR REPLACEMENT 2 1/4" T&G                 |
|                                               | SUPERSTRUCTURE: - STEEL - WELDED        |                                                      |
| — BODY —                                      |                                         |                                                      |
| AIR BRAKES: NEW YORK AIR BRAKE CO.            |                                         |                                                      |
| SCHEDULE: FB                                  |                                         |                                                      |
| BODY CENTER PLATE: - DROP FORGED              | — TRUCK —                               |                                                      |
| CENTER SILL: A.A.R. Z-26; 2; 72.416 L/FT.     | BOLSTER: O.S.F. PATT. NO. 4957          |                                                      |
| " AREA: 213 SQ. IN.                           | BRAKE BEAM 125 46 E "CRECO"             |                                                      |
| COUPLER: - TYPE "E" 6 1/4" X 8" BOT. OPERATED | CENTER PLATE - INTEGRAL                 |                                                      |
| RELEASE RIGGING "IMPERIAL NOTARY"             | GENERAL DRAWING - 31-17663              |                                                      |
| DOORS: - SUPERIOR CAR DOOR CO.                | JOURNAL: 5 1/2" X 10"                   |                                                      |
| DRAFT GEAR: WH. MINERA-22-XB                  | JOURNAL BOX - INTEGRAL                  |                                                      |
| COUPLER YONE: C.S. VERT. NAT'L MAL.           | R.R. SPEC. NO. 119                      |                                                      |
| ENDS: A.C.F.                                  | SIDE BEARING - STUCKI                   |                                                      |
| END SILL: 6" X 3 1/2" X 5/16" ANGLE           | FRAME: - O.S.F. PATT. NO. 236           |                                                      |
|                                               |                                         | CARS 99724                                           |
|                                               |                                         | — D.T. & I. —                                        |
|                                               |                                         | NATIVE POWER DEPT 6-6-51                             |
|                                               |                                         | REVISIONS                                            |
|                                               |                                         | 3/57 57 57 1/63                                      |



### BRAKE DIAGRAM

**GENERAL**

BUILT BY:- ACF  
YEAR BUILT:- 1919  
BUILDER'S REF.- 8572  
R.R. SPEC. NO.- NONE.  
A.A.R. CLASS:- MM/M  
NO. BUILT:- 200 (FOR DT#1.)  
CAPY.- 3193 CU. FT.  
AVERAGE LT. WT.- 47,000 LBS.  
LOAD LIMIT:- 94,000 LBS.

## - BODY

AIR BRAKE MFG.- N.Y.A.B.CO.  
" " SCHEDULE:- AB.  
BODY CTR. PLT.- 11 3/4" FORGED STEEL.  
" SIDE BRG.- 3/8" HARDENED STEEL PLATE.  
CENTER SILL:- BUILT-UP.  
" " COVER PLT.- 1/4" x 20 1/2"  
" " AREA:- (FISH BELLY)  
COUPLER:- "E" 6 1/4" x 8" SLOTTED TOP OPERATED  
" RELEASE RIG:- ROTARY & CARMER  
DOOR:- "YOUNGSTOWN"  
" FIXTURES:- "CAMEL" ROLLER LIFT

### DRAFT GEAR:-

" " ATTACHMENT:- C.S. YOKE. A.C.&F.  
ENDS:- "MURPHY"  
END SILL:- 6"x4"x 3/8" L

FLOORING:- 2 1/4" T&G.  
GENERAL DRAWING:- DT&I V-2218  
HAND BRAKE:- "AJAX"  
LINING- END:- 1 1/2"  
" SIDE:- 1 3/16" & 1 1/4" T&G.  
ROOF:- "CAMBRE" ALL STEEL.  
SIDE SILL:-

" BRG. CENTERS:- 4'-2"  
SHEATHING:- RIVETED STEEL.  
SUPERSTRUCTURE:-STEEL. 3"x2" SIDE POSTS.  
WT. OF ONE DOOR WITH FIXTURES ON DOOR:- 355 LBS.

## - TRUCK

BOLSTER:- A.C. & F. PATT. NO. U.S.S.1412.  
BRAKE BEAM:- NO 2 "AJAX" OR A.A.R. NO.15  
" " "SAFETY:- "CRECO" 3RD. POINT.  
CENTER PLATE:- INTEGRAL  
GENERAL DRAWING:- 4562735  
JOURNAL:- 8" x 3"

**JOURNAL BOX:-**

R.R. SPEC. NO. - NONE.  
 SIDE BEARING:- "WINE."  
 " FRAME:- SEE NOTE NO.2.  
 SPRINGS:- DRAWING 2562779-A. COIL.  
 TYPE OF TRUCK:- 13"-32LB. L SPRING PLANK.  
 WHEELS:- 700 LB. CAST IRON.  
 WEIGHT OF BOLSTER:-  
 " " A.C.&F. SIDE FRAME:-  
 " " A.S.F. " " 430 LBS.  
 " " ONE TRUCK:- " 7200 LBS.  
 NOTE NO.2:- A.C.&F. PATT. NO. U.S.S. 1409 &  
 A.S.F. PATT. NO. 21048.  
 SUPERSEDED BY BUCKEYE PATT. F. 4002

CARS:- 99714, 99730, 99731,  
99735-99742, 99748-99750

D. T. & I.

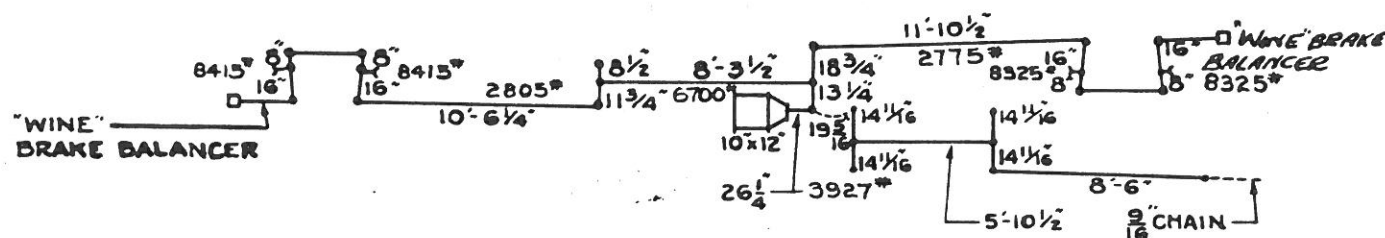
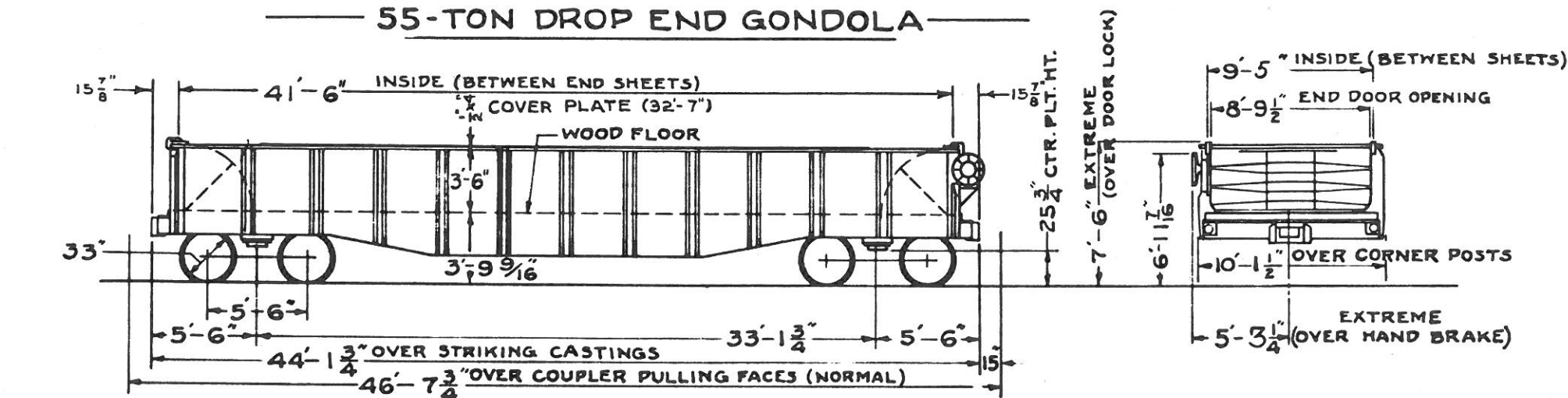
**MOTIVE POWER DEPT.**

9-1-42

- REVISION

A 11/87 1200 1/63 3/74  
5199 FSM RN

## 55-TON DROP END GONDOLA



## BRAKE DIAGRAM

## GENERAL

BUILDER:- GREENVILLE STEEL CAR CO.  
YEAR BUILT:- 1941  
BUILDER'S REF- 00-312  
R.R. SPEC. NO.- 107  
A.A.R. CLASS:- GB.  
NO. BUILT:- 300  
CAPY.- 1368 CU. FT.  
AVERAGE LT. WT.- 51900 LBS.  
" LOAD LIMIT:- 125,100 LBS.

DRAFT GEAR:- WESTINGHOUSE NY-11-E  
" " ATTACHMENT:- C.S.YOKE, N.M.& S.C.  
ENDS:- SEE "DOOR".  
END SILL:- 12" 20.7 LBS. L

FLOORING:- 3"x4 1/8" FACE, SHIP LAP.  
GENERAL DRAWING:- 16450. DT&I V-2447  
HAND BRAKE:- "AJAX"  
SIDE SILL:- FISH BELLY.  
" BRG. CENTERS:- 4'-2"

TYPE OF TRUCK:- SPRING PLANKLESS. WITH  
BRACKET FOR BRAKE BEAM SAFETY CAST  
INTEGRAL AND "MOBIL" RETAINER.  
WHEELS:- ONE WEAR WROTE STEEL.  
WEIGHT OF BOLSTER:- 900 LBS.  
" " SIDE FRAME:- 635 LBS.  
" " ONE TRUCK:- 7320 LBS.

# BODY

AIR BRAKE MFG.- N.Y.A.B.Co.  
" " SCHEDULE:-AB.  
BODY CTR. PLT:- 11 3/4" FORGED STEEL.  
" " SIDE BRG.- 3/8" HARDENED STEEL PLT.  
CENTER SILL:- C.B. Z-26. 41.2 LBS.  
" " COVER PLT.- NONE.  
" " AREA:- 21.30 SQ. IN.  
COUPLER:- "E; 6 1/4 x 8" SLOTTED BOTTOM OP.  
" " RELEASE RIG:- "IMPERIAL" ROTARY.  
DOOR:- "DREADNAUGHT" DROP END.  
" " LOCK:- "WINE"

**TRUCK**

BOLSTER:- O.S.F. PATT. NO. 4957.  
BRAKE BEAM:- NO.15 "BUFFALO"  
" " SAFETY:- "CRECO" FOUR POINT.  
CENTER PLT. - INTEGRAL.  
GENERAL DRAWING:- O.S.F. 204-LN-133.  
JOURNAL:- 5 1/2" x 10"  
" BOX:- INTEGRAL.  
R.R. SPEC. NO. - 108  
SIDE BEARING:- "STUCKI" SPRING STEEL.  
" FRAME:- O.S.F. PATT. NO. 4417.  
SPRINGS:- J.S.W. DRAWING 00-1016. COIL SNUBBER

CARS: 99734

D.T.&I.

**MOTIVE POWER DEPT.**

9-1-42

REVISION

11/53 9/57 RN FAM 1/65 1/66 3/72 3/75  
R.N. 12/60 5/62