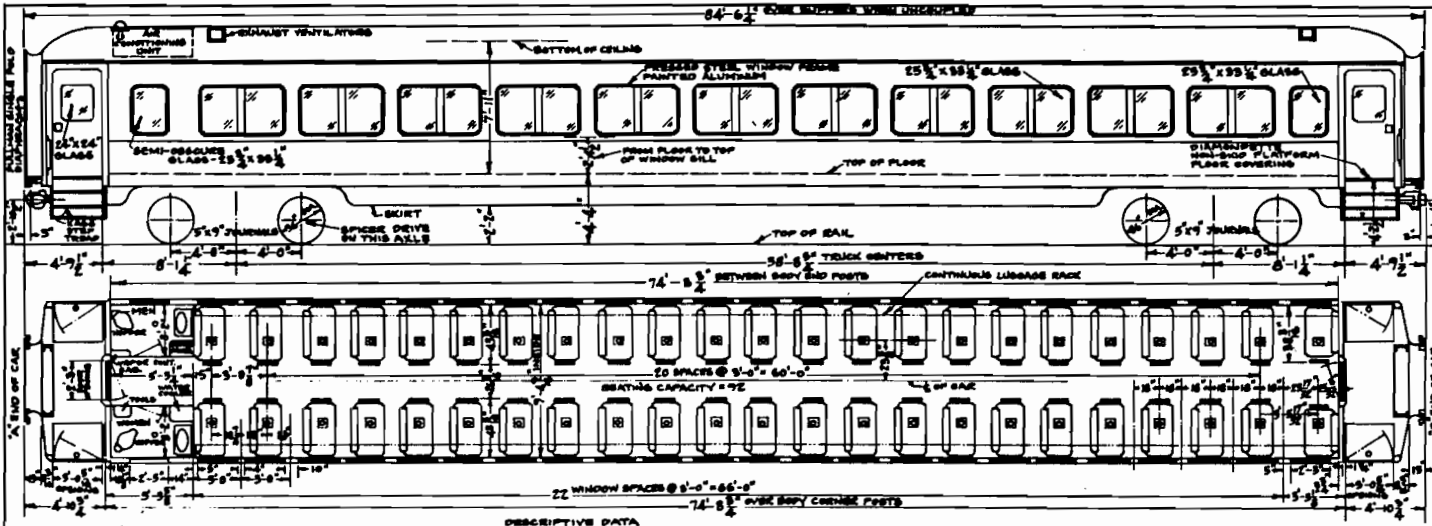

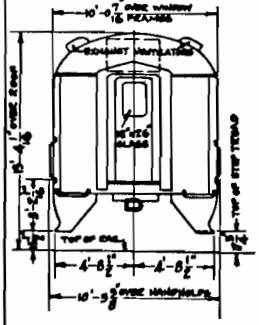

DESCRIPTIVE DATA

ALL STEEL CAR-HIGH TENSILE STRENGTH STEEL CONSTRUCTION THRU-OUT. BUILT AS SKILL CARS 5266-5266 IN 1937 BY P.R.R.M.CO. CARS CONVERTED TO COACHES IN 1952 AT ROSEVILLE. CAR NO. 5266 IS CONVERTED TO 8373, 5261 TO 8375, 5262 TO 8371, 5265 TO 8370 AND 5264 TO 8374.

AVERAGE WEIGHT OF CAR COMPLETE 114,600 LBS. SALOON SHD 61,600 LBS. OFFSETS SALOON SHD $3,200 LBS.
AVERAGE WEIGHT OF CAR READY TO SELL PASSENGERS 83,200 LBS. WEIGHT ON TRUCK SALOON SHD OF CAR 56,600 LBS. WEIGHT ON TRUCK ON OFFSETS SHD 15,400 LBS.

ALL CARS EQUIPPED WITH CENTER DUCT TYPE AIR CONDITIONING, 7 TON CAPACITY STUETEVANT EVAPORATOR UNIT AND FREIDAIRE COMPRESSOR CONDENSER UNIT DRIVEN BY SAFETY CAR. BODY HUNG, SPICER DRIVE, 20 K.W. GENERATOR. VAPOR CAR AIR CONDITIONING CONTROL PANEL AND SAFETY GENERATOR CONTROL.

TRUCKS:- GENERAL STEEL CASTINGS COR. 5'-2" CAST STEEL EQUALIZER TRUCK, WHEELS INSULATED WITH FIBRENITE PADS AND EQUIPPED WITH A&R SIMPLEX CLASP BRAKES WITH TWO 8"x8" BRAKE CYLINDERS APPLIED TO EACH TRUCK. CARS HAVE 5"x9" PANNIE ROLLER BEARINGS. CARS 8370-8373 HAVE CHRYSLER TRUCK STABILIZERS AND HOUDE SHOCK ABSORBERS. CAR 8374 HAS GENERAL STEEL CASTINGS COR. SOLSTEE ANCHORS AND HOUDE SHOCK ABSORBERS.

SEATS:- CARS HAVE REVERSIBLE "WALKOVER" TYPE SEATS BY HEYWOOD-WAKEFIELD CO. ALL SEATS HAVE STAINLESS STEEL PEDESTALS AND FOOT RESTS COVERED WITH AGRAZIN, STAINLESS STEEL ARM REST AND SEAT BACK TRIM WITH BAKELITE ARM CAP. UPHOLSTERED WITH GOODALL FABRICS COR. BLUE CHECKED MOHAIR PLUSH.

FLOOR COVERING:- PASSENGER COMPARTMENT COVERED WITH BLACK AND GRAY RUBBER TILE. SALOON FLOORING-LIGHT WEIGHT TUCOLITH.

BATTERIES:- EXIDE 5PTA-31C, 32 CELL 540 A.H. CURRENT SUPPLIED BY SAFETY COR. 20 K.W. BODY HUNG GENERATOR, WHICH IS ALSO USED FOR AIR CONDITIONING.

AIR BRAKES:- WESTINGHOUSE AIR BRAKE COR. SCHEDULE UC WITH U-12 SP QUICK ACTION CONTROL VALVE AND AMERICAN TYPE B-2-K-21 AND B-2-Y-21 AUTOMATIC BLACK ADJUSTERS, HAND BRAKE- MINER 1088L STAFF TYPE.

LIGHTS:- PASSENGER COMPARTMENT-47 LAMPS, G.E.CH.&L. COR. CAT. NO. 7754, VESTIBULES-4 LAMPS, G.E.CH.&L. COR. CAT. NO. 84295, SALOONS-2 LAMPS, G.E.CH.&L. COR. CAT. NO. 79547.

STEAM HEAT:- CAR NO. 8370 HAS VAPOR CAR HEATING COR. PIN TYPE TUBING SUPPLY AND PLAN PIPE RETURN THERMOSTATICALLY CONTROLLED. CARS 8371 AND 8372 HAVE FULTON SYLPHON HEATING SYSTEM. CARS 8373 AND 8374 HAVE MINNEAPOLIS HONEYWELL REGULATOR COR. HEATING SYSTEM. ALL CARS HAVE BARCO STEAM HEAT CONNECTORS.

INSULATION:- ENTIRES ROOF DOWN TO TOP OF WINDOWS, INSULATED WITH 2" LT. WT. BALAMANIANDE, ALSO BOTH ENDS OF FLOOR. 1" LT. WT. BALAMANIANDE UNDER FLOOR. 1½" BALAMANIANDE AT WAINSCOTING AND WINDOW POSTS.

WINDOWS:- GLASSEAL COR. FIXED ALUMINUM DOUBLE GLAZED SASH. ¼" SOLEX PLATE GLASS OUTSIDE AND ⅛" PLATE GLASS INSIDE, EXCEPT SALOONS WITH SINGLE SEMI-SPECIALTY GLASS.

CARS ARE EQUIPPED WITH ALUMINUM BAGGAGE RACKS, FANTASOTE CURTAINS, KASS SAFETY STEP TREADS AND GUARDS, WOOD TRAP DOORS. STD. SANITARY MFG. COR. "VELLOWSTONE" LAVATORIES IN SALOONS.

HOPPERS:- PLUNGE NO. 6½ SINGLE PAN, FOOT OPERATED GRAVITY VALVE FOR L.H. OPERATION. HOT AND COLD RUNNING WATER IN SALOONS. GRAVITY SYSTEM USING VAPOR COR. HOT WATER HEATER NO. 519 WITH NO. 928 MIXING VALVE. 120 GALLON WATER CAPACITY IN TWO TANKS.

DRAFT AND BUFFING GEAR:- "WAUGHMAY" BUFFER AND DRAFT GEAR WITH 5"x8" CAST STEEL QUAD. SHEAR COUPLERS WITH CAST STEEL YOKES.

GENERATOR PILOT LAMP IS GREEN, MAGNETIC STEAM VALVE PILOT LAMP IS RED, COMPRESSOR PILOT LAMP IS WHITE. ALL DIMENSIONAL HEIGHTS INDICATED COVER CAR WITH FULL SEATED PASSENGER LOAD. CAR WITHOUT PASSENGERS WILL STAND APPROX. ½" HIGHER.

ALL LAMPS TYPE A-19, 25 W, 60 V. PILOT LAMPS G.E. EC.P. 60 V, TYPE S-8.

DR	TR	CK	IN
LH		MAC	ER

N. Y., N. H. & H. R. R.
NEW HAVEN OCT. 5, 1952
DIAGRAM
LIGHT WEIGHT DELUXE COACHES
8370 - 8374

CORRECT
W. F. Dawson
ASST. M. E.

25738

APPROVED
A. J. Stebel
M.E.