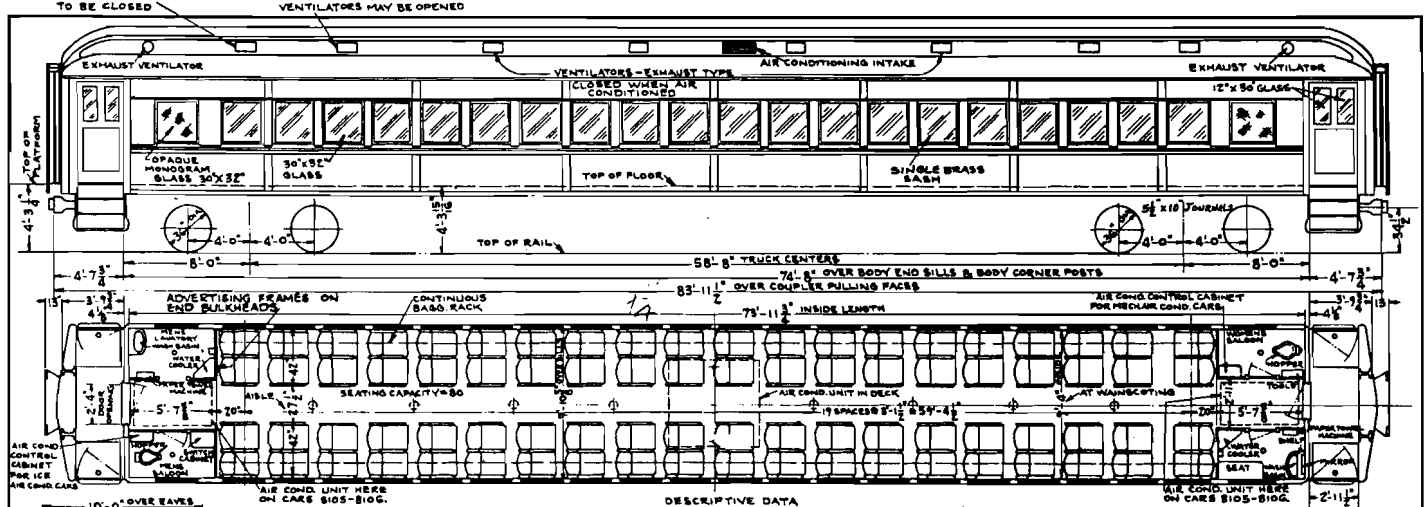
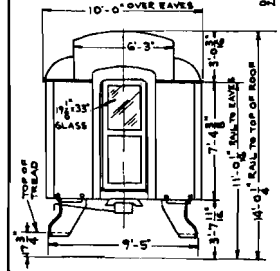


DESCRIPTIVE DATA



ALL STEEL CAR - BUILT NEW 1929 BY PULLMAN STANDARD CAR AND MFG. CO. - WORCESTER, MASS.

WEIGHT:- LIGHT CAR COMPLETE (CARS 8100-8104, 8107-8139, 6824-6843) - 146 000 LBS. (MECH. AIR CONDITIONED) - LIGHT CAR COMPLETE (CARS 8151-8158) - 140580 LBS. (ICE AIR COND.) - LIGHT CAR COMPLETE (CARS 8105-8106) - 142 500 LBS. (ICE AIR CONDITIONED) - WEIGHT OF 2 TRUCKS - 36 200 LBS.

TRUCKS:- GENERAL STEEL CASTINGS CO'S. CAST STEEL 4 WHEEL EQUALIZED TRUCK WITH A.S.F. ROLLER BEARING UNIT WHEELS, WITH TIMKEN ROLLER BEARINGS FOR 5½" x 10" JOURNALS. TRUCKS ARE EQUIPPED WITH A.S.F. CLASP BRAKE RIGGING AND MINER SAFETY LOCKING CENTER PIN AND NOISE INSULATED WITH "FABREEKA" PADS.

SEATS:- HEYWOOD-WAKEFIELD CO'S. DOUBLE BUCKET TYPE ROTATING CHAIR WITH BROWN MOHAIR UPHOLSTERY.

AIR CONDITIONING:- CARS 8100-8104, 8107-8139, 6824-6843 EQUIPPED WITH SARVENT CO'S. MECH. AIR COND. 7 TON CAPACITY DOUBLE UNIT, DUCTLESS TYPE, IN DECK AT CENTER OF CAR, OPERATED BY "SARVENT" COMPRESSOR-CONDENSOR UNIT USING "FREON" LIQUID. SYSTEM OPERATED FROM 1000 A.H. BATTERY AND "SARVENT" 15 KW AXLE DRIVEN, BODY MOUNTED GENERATOR. - CARS 8151-8158, EQUIPPED WITH "STURTEVANT" DOUBLE EVAPORATOR UNIT - DUCTLESS TYPE, IN DECK AT CENTER OF CAR, USING COOLED WATER FURNISHED FROM ICE BOX UNDER CAR BY MOTOR DRIVEN WATER PUMPS. CURRENT SUPPLIED TO FAN AND PUMP MOTORS THROUGH 524 A.H. BATTERY AND "SARVENT" 4 KW AXLE DRIVEN, BODY MOUNTED GENERATOR. VAPOR THERMOSTATIC CONTROL THRU OUT. CARS 8105-8106 HAVE 5½ TON UNIT IN EACH END, 8105-"STURTEVANT", 8106-AIRTROL.

AIR BRAKES:- W.A.B. CO'S. SCHEDULE U.C. 1811 E WITH 1-18"x12" BRAKE CYLINDER, FOR BOTH TRUCKS AND TYPE K-1 SLACK ADJUSTER. HAND BRAKE - MINER "IDEAL" STAFF TYPE IN EACH VESTIBULE.

STEAM HEAT:- VAPOR CO'S. FIN TYPE RADIATION PIPE SUPPLY AND PLAIN PIPE RETURN THRU-OUT CAR THERMOSTATICALLY CONTROLLED AND OVERHEAD HEAT RADIATOR IN EVAPORATOR UNIT THERMOSTATICALLY CONTROLLED.

LIGHTING:- LAMPS; 8 TYPE PS26 50 VOLT-150 WATT CENTER LINE LIGHTS; 8 TYPE A-19, 32 VOLT-25 WATT IN SALOONS AND VESTIBULES:- 8 SAFETY CO'S. NO. 77148 FIXTURE WITH NO. 54328 BOWL IN PASSENGER COMPARTMENT; 4 SAFETY CO'S. NO. 77213 FIXTURE WITHOUT BOWL IN SALOONS AND LAVATORIES; 4 SAFETY CO'S. NO. 19291 FIXTURE IN VESTIBULES. 2 LAMPS TYPE A-19, 32 VOLT-25 WATT AND 2 SAFETY CO'S. NO. 9054 FIXTURE WITH NO. 54300 BOWL AT UNIT. CURRENT FURNISHED FROM SAME BATTERY AS AIR CONDITIONING.

DRAFT AND BUFFING GEAR:- MINER A-5-X8 FRICTION GEAR WITH MINER 8-10-X BUFFER. DRAFT GEAR ARRANGED TO USE 5"x8" SINGLE STEM CAST STEEL QUAD. SHEAR COUPLER WITH CAST STEEL YOKE.

INSULATION:- 3 PLY SALAMANDER - ¾" THICK EXTENDING FULL DEPTH OF SIDES AND ENDS AND OVER ROOF AND UNDER FLOOR. ½" THICK BEHIND LETTERBOARD.

LAVATORIES:- EQUIPPED WITH HOT AND COLD RUNNING WATER FURNISHED FROM GRAVITY OVERHEAD TANK AND USING VAPOR CO'S. NO. 581 HOT WATER HEATER. VAPOR NO. 525 MIXING VALVE INSTALLED AT READVILLE 1938.

CARS ARE EQUIPPED WITH GENERAL STEEL CASTINGS CO'S. CAST STEEL UPRIGHT END FRAMES & PLATFORM CASTINGS.

SMOKER 6870 RECONVERTED TO COACH 8188

REV. 8 BRONNEY MACHINE & SHELF FROM MEN'S LAVATORY 1940. REV. P - TO SHOW 150 WATT CENTER LAMPS IN PASS. COMPT. 1942 - CK. AIR

DR.	TR.	CK.	IN.
ER	ER	G^2	

REV. "J" - ADD LOCATION OF AIR COND. UNIT FOR CARS 8105-8106. 5-20-46 - BSE

COACHES 8140-8148, 8159-8169 CHANGED TO SMOKERS 6835-6845, 6824-6834 RESPECTIVELY & SEATS UPHOLSTERED IN BLUE LEATHERETTE AT READVILLE 1939. COACHES 8149-8150 CHANGED TO CLUB CARS 5103-5104.		G^2	ER	TO SHOW COACHES 8140-48, 8159-69 CHANGED TO SMOKERS 6835-45, 6824-34	6-19-39	C	

		ER	LH	8188 RECONVERTED TO COACH 8188	10-26-44	B	
		G^2	ER	NOTES REFERRING TO VENTILATORS ADDED.	2-17-39	B	
		G^2	ER	RETRACED TO SHOW ADDITIONAL INFORMATION	7-2-38	A	
IN	CK.	BY		WHY REISSUED	DATE	LETTER	

N.Y. N.H. & H.R.R.

NEW HAVEN — JULY. 2, 1938

DIAGRAM

COACHES 8100-8139, 8151- SMOKERS 6824-6843

BMS

CORRECT — APPROVED

B.B. Bronner — ASST. M.E.

Z3413

M.E.