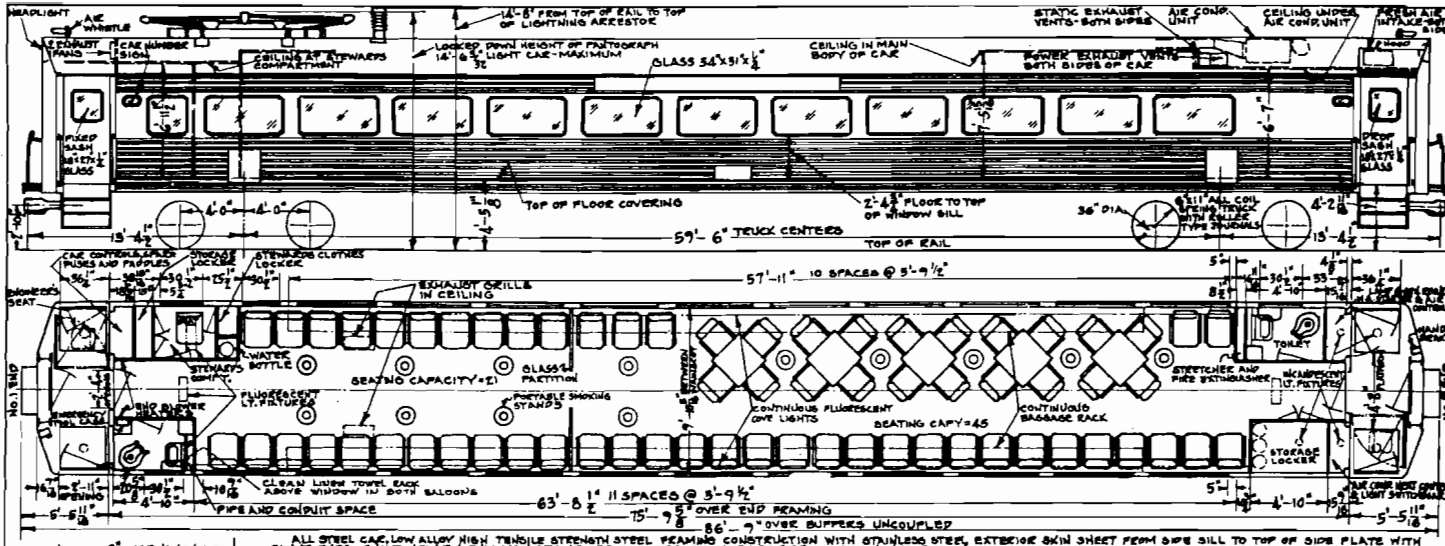

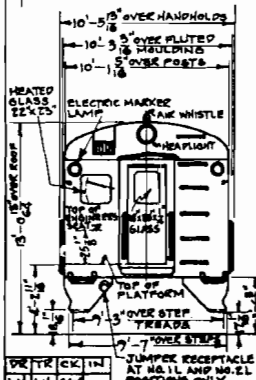

DR	TR	CK	IN
LH	LH	GAS	

ALL STEEL CAR; LOW ALLOY HIGH TENSILE STRENGTH STEEL FRAMING CONSTRUCTION WITH STAINLESS STEEL EXTERIOR SKIN SHEET FROM SIDE SILL TO TOP OF SIDE PLATE WITH BLUSHED ENDS; ALL STAINLESS STEEL STANDARD CAR MFG. CO. WORCESTER, MASS. IN YEAR 1954.

EXTERIOR:- WINDOW PANEL BETWEEN BODY ENDS, FLAT STAINLESS STEEL PANELS, ABOVE AND BELOW WINDOWS, STAINLESS STEEL FLUTED MOULDING. ROOF PAINTED BLACK VESTIBULE ENDS AND AREA AROUND VEST. SIDE DOOR PAINTED NEW HAVEN NO. 401 GREEN. VEST. SIDE DOORS STAINLESS STEEL.

INTERIOR:- SEATING CAPACITY OF CAR WITHOUT PASSENGERS AND WAITER - 68,500 LBS. NO. 1 END = 78,600 LBS. NO. 2 END = 78,000 LBS.

AVERAGE WEIGHT OF CAR DOES NOT EXCEED 1,000,800 LBS. WEIGHT ON EACH TRUCK = 39,400 LBS.

POWER PROPULSION EQUIPMENT:- W.E. CO'S. THIRTEEN TYPE EKTIFIER EQUIPMENT CONVERTING 11,000 VOLTS 25 CYCLE A.C. TO 600 VOLT D.C. ARRANGED FOR AUTOMATIC ACCELERATION EACH MOTOR RATED AT 600 VOLTS WITH NOT LESS THAN 100 H.P. TRAILING MOUNTED ON TRUCKS. STANDARD TYPE TRACTION MOTORS CONNECTED TO ONE DRIVING AXLES BY A FLEXIBLE COUPLING DRIVE, AND HIGH SPEED GEARING. SINGLE DOOR PANTOGRAPH AT NUMBER ONE END OF CAR ONLY WITH THIRD RAIL CURRENT COLLECTERS ON EACH SIDE OF EACH TRUCK.

CAR EQUIPPED WITH S.C.H.L.CO'S. ELECTRO-MECH. EIGHT TON CAPY. SPLIT EVAP. AIR COND. SYSTEM, DRY CONDENSER, METAL FILTERS, DUCT TYPE AIR DELIVERY, BLOWER FAN ARRANGED TO REMOVE PART OF VENTILATION AND EMERGENCY. MINNEAPOLIS - HONEYWELL ELECTRIC CONTROL FOR COOLING AND HEATING. RADIAL TYPE EVAPORATOR BLOWER SUPPLIED BY W.E. CO'S. BODY HUNG MOTOR GENERATOR SET AND W.E. CO'S. GENERATOR AND VOLTAGE CONTROLS. CONDENSER AND COMPRESSOR MOTORS ARE 600 VOLTS D.C. OPERATED FROM RECTIFIER OR D.C. THIRD RAIL.

LIGHTING:- S.C.H.L.CO'S. FLUORESCENT COVE LIGHT FIXTURES UNDER BAGG. RACKS BOTH SIDES OF CAR IN PASS. COMPT. FLUORESCENT FIXTURES IN PASSAGEWAYS, SALOONS AND STEWARDS COMPT. S.C.H.&L.CO'S. INCANDESCENT FIXTURES IN VEST. AND LOCKERS. FLUORESCENT LIGHTING SUPPLIED BY S.C.H.&L. CO'S. 2 K.W. MOTOR ALTERNATOR WITH CURRENT SUPPLIED FROM BATTERY AND W.H. CO'S. 40 KW. DOUBLE UNIT EXCITATION LOVELL PRESSEL BUILT-IN MARKER LIGHTS. 2 - 32 CP. INCANDESCENT CO'S. 32 CP. 250 WATT PREFOCUSSED BUILT-IN HEADLIGHTS.

TRUCKS:- S.S.C. CO'S. 8'x11" 4 WHEEL INSIDE SWING HANGER TYPE ALL COIL SPRING SUSPENSION TRUCKS WITH S.K.F. HEAVY DUTY, SPHERICAL TYPE, ROLLER BEARINGS AND MONROE HYDRAULIC SHOCK ABSORBERS. NOISE INSULATED WITH RUBBERIZA PADS AND EQUIPPED WITH TRUCK MOUNTED 10"x8" BRAKE CYLS. & SIMPLEX CLASP BRAKES.

PAINTING:- HEYDEN CO'S. WASHABLE CO'S. ALUMINUM FRAME LOUNGE CHAIRS UPHOLSTERED WITH GOODALL SUPER NEEDLE POINT NO. 43 BLUE, 1427; NO. 275 GRAY 11208 AND NO. 91 AS 868 OF LOOSE & BOYD CO'S. POLOGRAM BACKING.

FLOOR COVERING:- PASSENGER AND STEWARDS COMPARTMENTS - B.F. GOODRICH CO'S. 9" SQUARE NO. 500-S GRAY MOTTLED RUBBER TILE. VESTIBULE AND DOOR OPENING FLOOR IS CORRUGATED STEEL.

WINDOWS:- HUNTER CO'S. FIXED ALUMINUM SCREENED SASH. DOUBLE HEAT RESISTANT GLASS OUTSIDE, 1/4" LAMIN. SAFETY PLATE GLASS INSIDE. SALOON 1/4" LAMINATED SAFETY PLATE GLASS INSIDE, 1/4" LAMINATED SAFETY PLATE GLASS OUTSIDE.

HEATING:- INSULATION - CO'S. ELECTRIC CO'S. ELECTRIC CONTROL AND DOOR BLOWER HEATERS AND OVERHEAD HEATER. SEPARATE END BLOWER HEATER FOR ENGINEERS COMPARTMENT.

AIR BRAKES:- W.A.B.CO'S. HIGH SPEED CONTROL ELECTRO-MECH. BRAKES. AIR SUPPLIED BY 600 VOLT D.C. MOTOR DRIVEN AIR COMPRESSOR. W.A.B. CO'S. TEK. MTR. PNEU. AUTO. SLACK ADJ. PEACOCK POWER HAND BRAKE - LEVER TYPE IN EACH VESTIBULE.

DRAFT GEAR:- NAT'L MALL. & STL. CAST CO'S. RUBBER DRAFT GEAR TYPE M-P-E52. CAST STEEL FOOT OPERATED TIGHT LOCK COUPLER WITH CAST STEEL YOKE. NO BUFFING GEAR USED.

BATTERIES:- EXIDE CELLS LEAD-ACID TYPE E19 A.H. AT 8 HOUR RATE IN 1.250 SPECIFIC GRAVITY ELECTROLYTE.

INSULATION:- J.M. CO'S. TYPE 33 ASBESTOS. FLOOR, ENDS & SIDES TO BOTTOM OF WINDOWS 2" THICK. BELOW WINDOWS 1" THICK.

HOPPERS:- DUNER NO. 6 1/2" E.H. DOUBLE PAN PLUSH TYPE. GRAVITY FEED SYSTEM SUPPLIES COLD RUNNING WATER TO TOILETS AND LAVATORY. OVERHEAD WATER STORAGE TANKS BOTH ENDS OF CAR = 100 GALLON CAPACITY TOTAL.

CARPETS:- HALPERN CO'S. ALL ALUMINUM FRAME, BACK OF NEW RUBBER. ROOF COVERING:- 5 PLY 20 OZ. CALAN FINISH CANVAS ON INSULATED TRAP DOORS, STATIONARY STAINLESS STEEL STEPS WITH SAFETY STEP TREADS. CAR HAS WINDOW DRAPES. DRINKING WATER STORED AND DISPENSED BY WATER BOTTLE.

REV "D" 3-15-54 J.K.

N. Y., N. H. & H. R. R.
NEW HAVEN AUG. 6, 1954

DIAGRAM
MULTIPLE UNIT CLUB CARS
AC-DC M.U. MOTOR CAR
NO'S. 5110 AND 5111

CORRECT

W. J. Dowden
ASST. M.E.

C			
25745			

APPROVED

A. L. Stuebel
M.E.