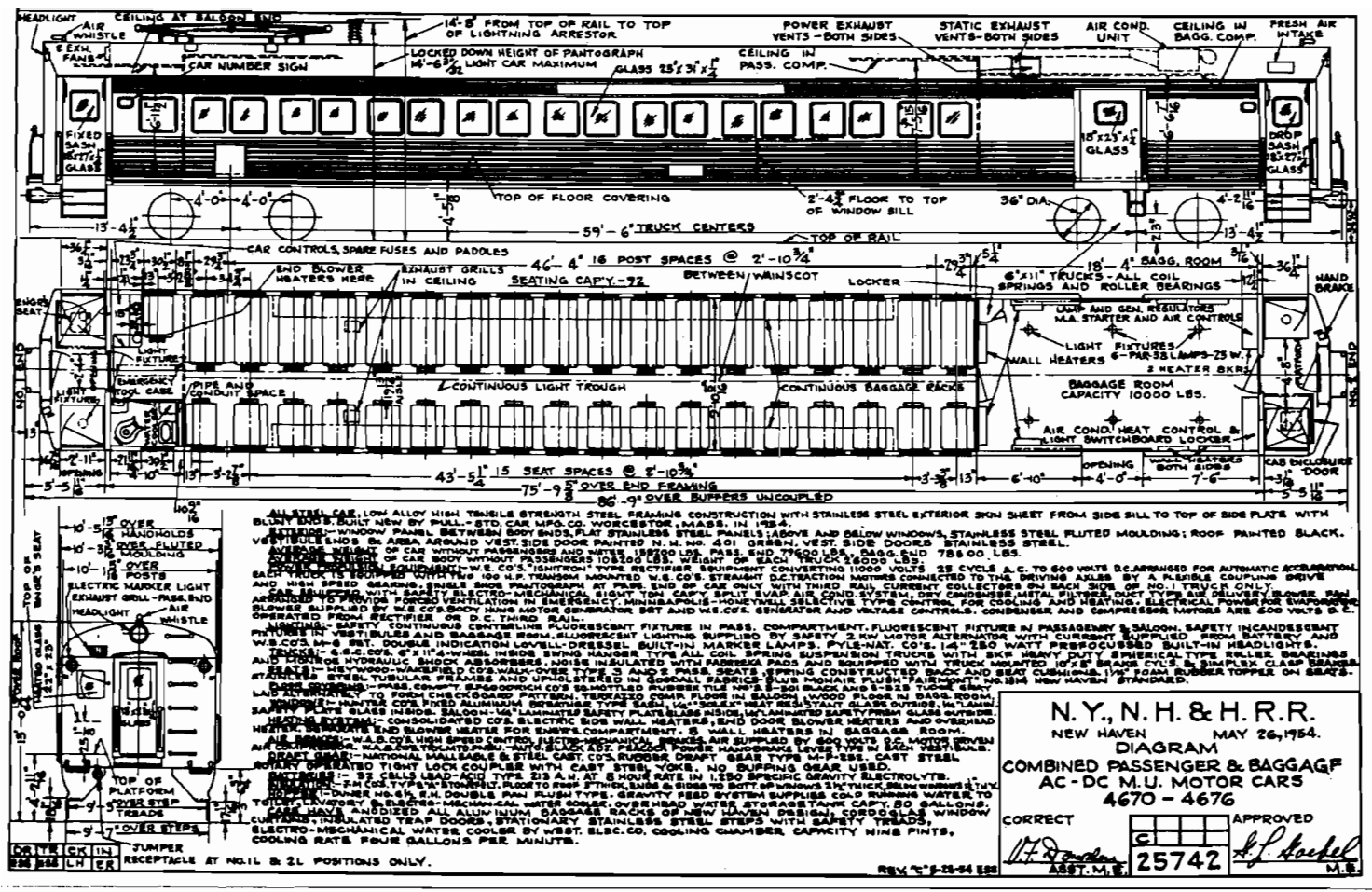

ALL STEEL CAR, LOW ALLOY HIGH TENSILE STRENGTH STEEL FRAMING CONSTRUCTION WITH STAINLESS STEEL EXTERIOR SKIN SHEET FROM SIDE SILL TO TOP OF SIDE PLATE WITH BILLY WELDS. BUILT NEW BY PULL-STD. CAR MFG. CO. WORCESTER, MASS. IN 1954.

LETTERING:- WHITE, NUMBERS, SMALL STEEL PLATES ABOVE AND BELOW WINDOWS, STAINLESS STEEL FLUTED MOULDING; ROOF PAINTED BLACK.

VESTIBULE ENDS & AREA AROUND VEST. SIDE DOOR PAINTED N. W. NO. 401 GREEN, VEST. SIDE DOORS STAINLESS STEEL.

AVERAGE WEIGHT OF CAR WITHOUT PASSENGERS AND WATER 158700 LBS. PASS. END 79600 LBS. BAGG. END 78500 LBS.

LOADED WEIGHT OF CAR BODY WITHOUT PASSENGERS 108300 LBS. WEIGHT ON EACH TRUCK 54,000 LBS.

POWER CONTROL EQUIPMENT:- W.E. CO'S. "IGNITRON" TYPE RECTIFIER EQUIPMENT CONVERTING 11000 VOLTS 25 CYCLE A.C. TO 600 VOLTS D.C. ARRANGED FOR AUTOMATIC ACCELERATION.

EACH TRUCK IS EQUIPPED WITH TWO 190 H.P. TRANSOM MOUNTED W.E. CO'S. STRAIGHT D.C. TRACTION MOTORS CONNECTED TO THE DRIVING AXLES BY A FLEXIBLE COUPLING DRIVE AND HIGH SPEED GEARING, SINGLE SHOE PNEUMATIC AIR BRAKES. ONE AIR COMP. ON EACH THIRD RAIL CURRENT COLLECTING END OF CAR. 1 TRUCK ONLY.

CAR HEATING:- WITH SAFETY ELECTRO-MECHANICAL SIGHT TIN CAPPY SPLIT EVAP. AIR COND. SYSTEM, DRY CONDENSER, METAL FILTERS, DUCT TYPE AIR DELIVERY, BLOWER FAN ARRANGED TO PROVIDE FORCED VENTILATION IN EMERGENCY. MINNEAPOLIS-HONEYWELL SELECTIVE TYPE CONTROL FOR COOLING AND HEATING. ELECTRICAL POWER FOR EVAPORATOR BLOWER SUPPLIED BY W.E. CO'S. BOOST WOUND MOTOR GENERATOR SET. ELECTRICAL HEATING CONTROLS, CONDENSER, & COMPRESSOR MOTORS ARE 600 VOLTS D.C. OPERATED FROM RECTIFIER OR D.C. THIRD RAIL.

LIGHTING:- SAFETY FLUORESCENT FIXTURE IN PASS. COMPARTMENT, FLUORESCENT FIXTURE IN PASSAGEWAY & SALOON, SAFETY INCANDESCENT FIXTURE IN VESTIBULES AND BAGGAGE ROOM, FLUORESCENT LIGHTING SUPPLIED BY SAFETY 2 KW MOTOR ALTERNATOR WITH CURRENT SUPPLIED FROM BATTERY AND W.B. CO'S. M-8 BAT. DOUBLE INDICATION LOVELL-DRESSEL BUILT-IN MARKER LAMPS. PYLE-NAT. CO'S. 14" 250 WATT PREFOCUSSED BUILT-IN HEADLIGHTS.

TRUCKS:- W.E.C. CO'S. 6"x11" 4-WHEEL INSIDE SWING HANGER TYPE ALL COIL SPRING SUSPENSION TRUCKS WITH SKF HEAVY DUTY SPHERICAL TYPE ROLLER BEARINGS AND CUTLER HYDRAULIC SHOCK ABSORBERS, HOUSE INSULATED WITH RADFRICA PADS AND EQUIPPED WITH TRUCK MOUNTED 10"x 8" BRAKE CYL'S. & SIMPLEX CLASP BRAKES.

SEATS:- HEYWOOD-WAKEFIELD CO'S. WALK-OVER TYPE 3 AND 2 PASS. SEATS, SPRING CONSTRUCTED BACK AND SEAT CUSHIONS, 1 1/4" FOAM RUBBER TOPPER ON SEATS. STANDARD STYLE, DELUXE FINISH AND UPHOLSTERED IN GOODALL FABRICS, BLUE MOHAIR PLUSH "FAIRMONT" NO. 1814 NEW HAVEN STANDARD.

DOOR OPENING:- PASS. COMP'T. SLIDING DOOR CO'S. MOTOR OPERATED TILE FINISH RUBBER TREAD DOOR.

FLOORING:- LINOTILE CO'S. LINOTILE LAID ALTERNATELY TO FORM CHECKERBOARD PATTERN, TERRAZZO COMP. FLOOR IN SALOON, WOOD FLOOR IN BAGG. ROOM.

WINDOWS:- SAFETY TYPE, FIXED AND DROP SASH, SAFETY PLATE GLASS INSIDE, SAFETY PLATE GLASS OUTSIDE, SAFETY PLATE GLASS INSIDE. SALOON - 1/4" LAMINATED SAFETY PLATE GLASS INSIDE, LAMINATED SAFETY PLATE GLASS OUTSIDE.

HEATING SYSTEM:- CONSOLIDATED CO'S. ELECTRIC SIDE WALL HEATERS, END DOOR BLOWER HEATERS AND OVERHEAD HEATING DUCT AND BLOWER HEATER FOR EVAP'R. COMPARTMENT, 5 SMALL HEATERS IN BAGGAGE ROOM.

AIR BRAKES:- W.A.B. CO'S. HIGH SPEED CONTROL, QUICK SERVICE, AIR OPERATED SLIDING DOOR CONTROL, AIR DRIVEN AIR COMPRESSOR, WABCO TYPE HYNTS MBU, WITH 15 CU. FT. CAP'Y. PRESSURE POWER HANDBRAKE LEVER TYPE IN EACH VEST. BUILT.

MATERIAL:- STAINLESS STEEL, CARBON STEEL, CAST I.S. RUBBER CRAFT GEAR TYPE WHEELS, CAST STEEL ROTARY SPREADING TIGHT LOCK COUPLER WITH CAST STEEL YOKE, NO BUFFING GEAR USED.

BATTERIES:- 32 CELLS LEAD-ACID TYPE 213 A.H. AT 8 HOUR RATE IN 1.250 SPECIFIC GRAVITY ELECTROLYTE.

INSULATION:- FIN CO'S. TYPE "A" STONEWALL FLOOR TO ROOF STRIKER, BAND & SIDES TO BOTT. OF WINDOWS 2 1/2" THICK, BELOW WINDOWS 1" THICK.

WINDOW SHADES:- NO. 61 R.A. DONALDS, PAN FLUSH TYPE. GRAVITY HEAD SYSTEM SUPPLIES COLD RUNNING WATER TO TOILET, LAVATORY & ELECTRO-MECHANICAL WATER COOLER. OVERHEAD WATER STORAGE TANK CAPY. 80 GALLONS.

FLOOR PANELS:- ANODIZED ALL ALUMINUM BAGGAGE RACKS OF NEW HAVEN DESIGN, CORRUGATED WINDOW CURTAINS:- INSULATED TRAP DOORS, STATIONARY STAINLESS STEEL STRIPS WITH SAFETY TREADS.

ELECTRO-MECHANICAL WATER COOLER BY WEST. ELEC. CO. COOLING CHAMBER CAPACITY NINE PINTS, COOLING RATE FOUR GALLONS PER MINUTE.

DR	TR	CK	IN
236	236	LH	ER

REV. "C" 5-28-54 EBB

N. Y., N. H. & H. R. R.
NEW HAVEN MAY 26, 1954.
DIAGRAM
COMBINED PASSENGER & BAGGAGE
AC-DC M.U. MOTOR CARS
4670 - 4676

CORRECT
H. F. Dowden
ASST. M. E.

C 25742

APPROVED
A. L. Stoebel
M. E.