

# **METRO-NORTH RAILROAD EQUIPMENT DIAGRAM BOOK**

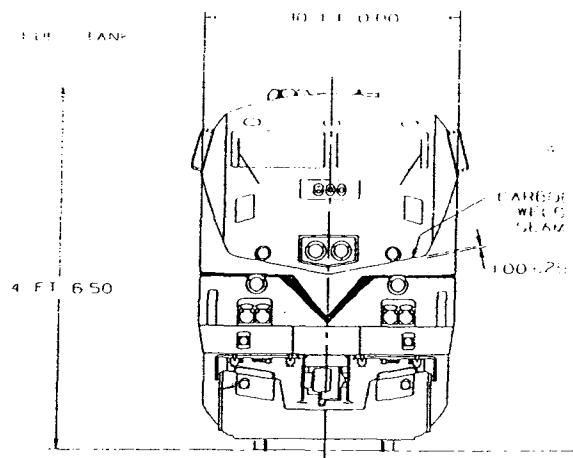
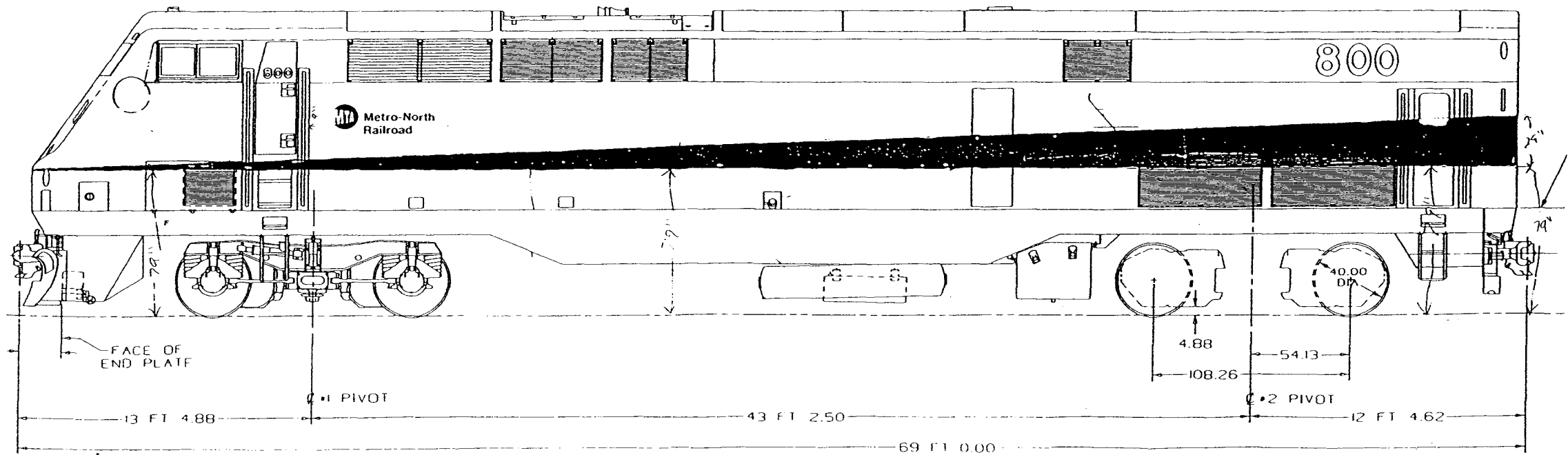
## IMPORTANT NOTICE

*Users are advised that all drawing dimensions contained within this book are NOT to be considered as exact measurements. Information presented is for general reference only.*

Designed and researched by  
Richard M. Gladulich

# *Locomotive Fleet*

# GENESIS SERIES 2



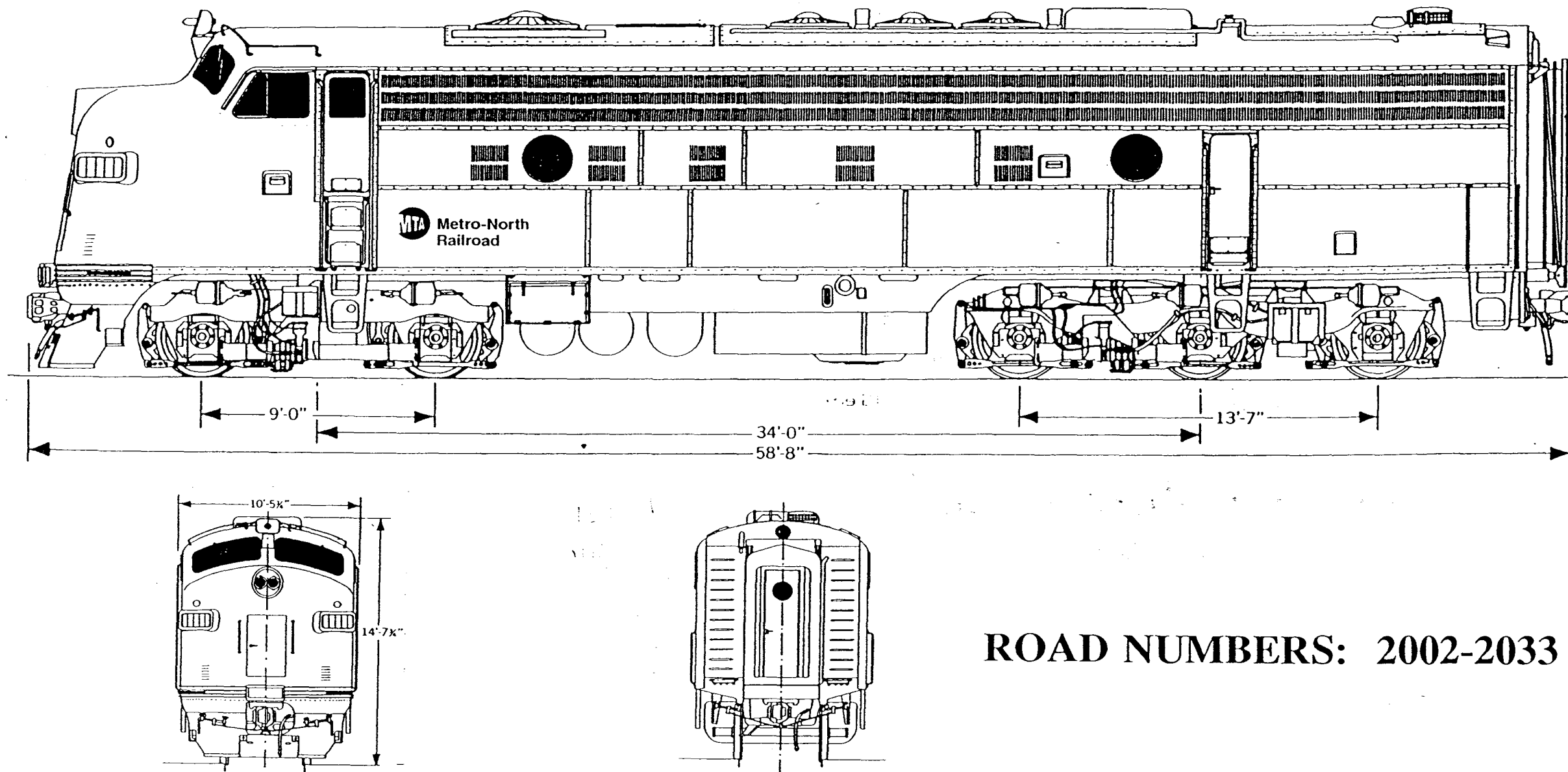
**ROAD NUMBERS: 201-205**

# SPECIFICATIONS

GENESIS SERIES 2-DUAL MODE

BUILDER:	General Electric Transportation Systems
DATE BUILT:	July-November 1995
HORSEPOWER:	3200 HP
ENGINE TYPE:	GE FDL12 engine with EFI
MAIN GENERATOR:	GMG199
TRACTION MOTOR TYPE:	GE B15 AC motors
GEAR RATIO:	74:29
FUEL TANK CAPACITY:	1800 gallons
BRAKE TYPE:	26L compatible, KNORR Electronic Airbrake
AXLES:	4
WEIGHT:	275,000 lbs.

# FL9 DIESEL-ELECTRIC/ELECTRIC LOCOMOTIVE



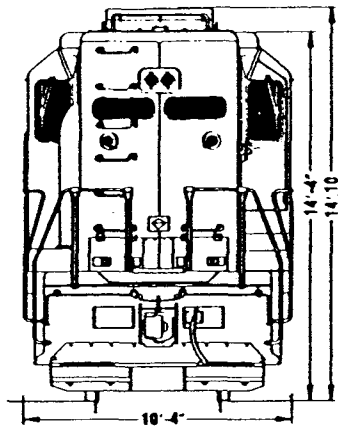
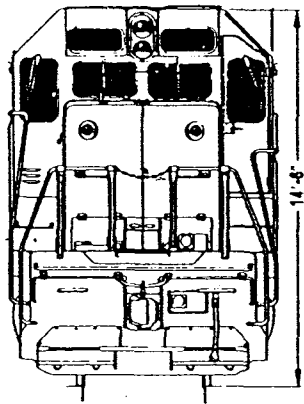
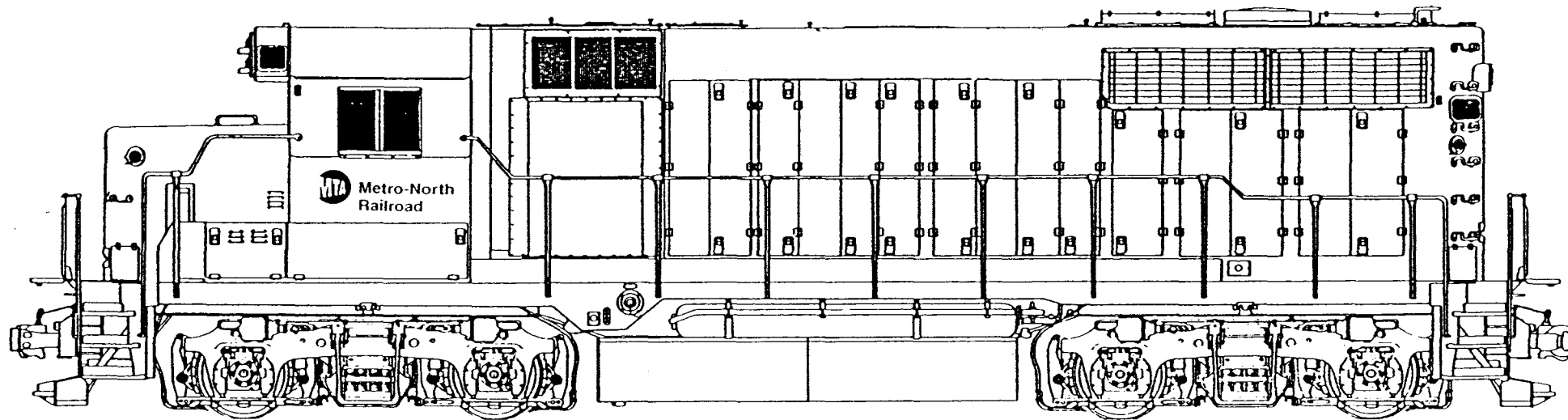
ROAD NUMBERS: 2002-2033

# SPECIFICATIONS

FL9 DIESEL-ELECTRIC/ELECTRIC PASSENGER UNIT 2002-2033

BUILDER:	Electro-Motive Division, General Motors Corp.
DATE BUILT:	January-July, 1957/September-November, 1960
BUILDER NUMBERS:	21946-22005 (not in order)
HORSEPOWER:	1,750
ENGINE TYPE:	GM 16-567D1
MAIN GENERATOR:	GM D22
TRACTIVE EFFORT:	56,940 LBS.
TRACTION MOTOR TYPE:	D57B (4 Motors)
GEAR RATIO:	58:19
FUEL TANK CAPACITY:	1,200 U.S. Gallons
TRAIN HEATING:	Cummins-Marathon HEP (all units listed below) 350 KW (2002, 2006, 2019, 2033) 400 KW (2004, 2005, 2007, 2012, 2015, 2016, 2018) 425 KW (2003, 2008, 2013, 2017, 2027, 2029)  VAPOR Corp. Model 4625 Steam Generator (all units not listed)
BRAKE TYPE:	WABCO 26L (all HEP units) WABCO 24RL (all steam generator units)
AXLES:	5
CAB SIGNAL TYPE:	General Railway Signal Corp.
WEIGHT:	282,000 LBS.

# GP35R Diesel-Electric Switching Unit



**ROAD NUMBERS: 101-106**



# SPECIFICATIONS

Horsepower: 2,000

Tractive Effort: 65,000 Lbs.

Weight: 262,000 Lbs.

Axles: 4

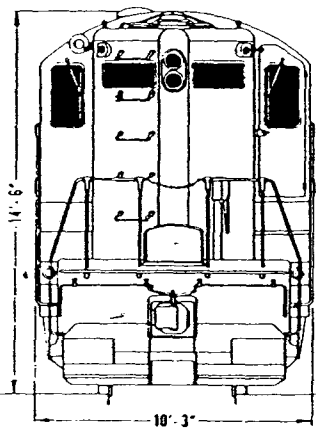
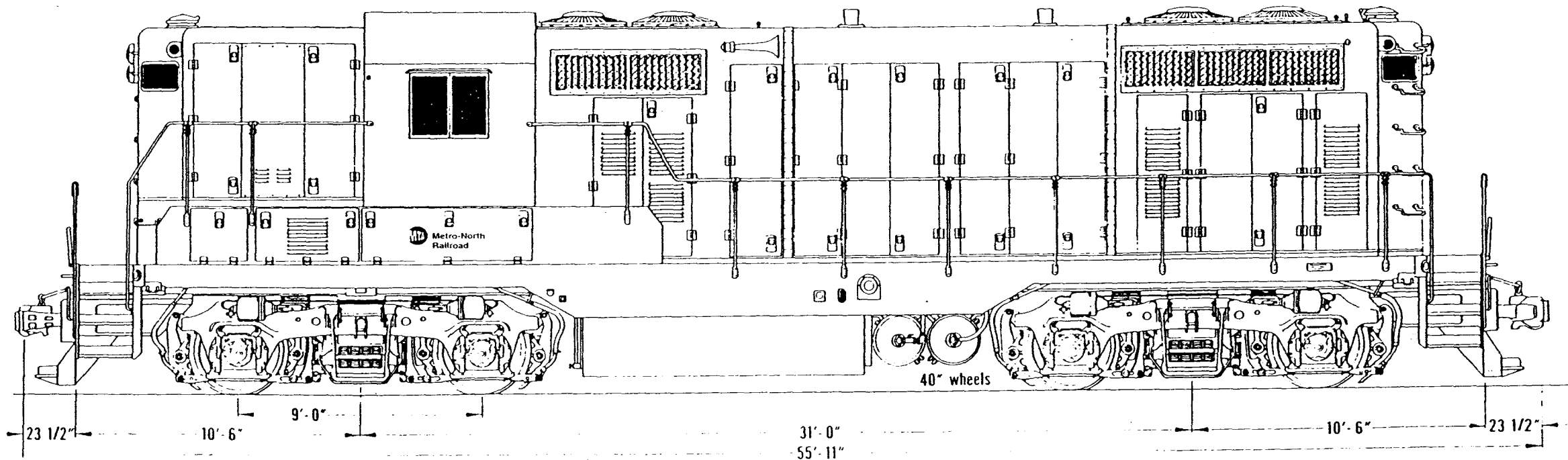
Builder: General Motors

Date Built: June 1964-April 1965

Rebuilder: Conrail Altoona Shops

Date Rebuilt: October 1993-February 1994

# GP8 DIESEL-ELECTRIC LOCOMOTIVE



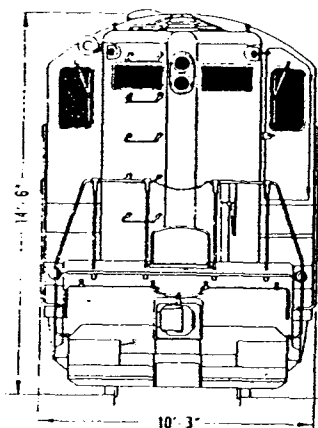
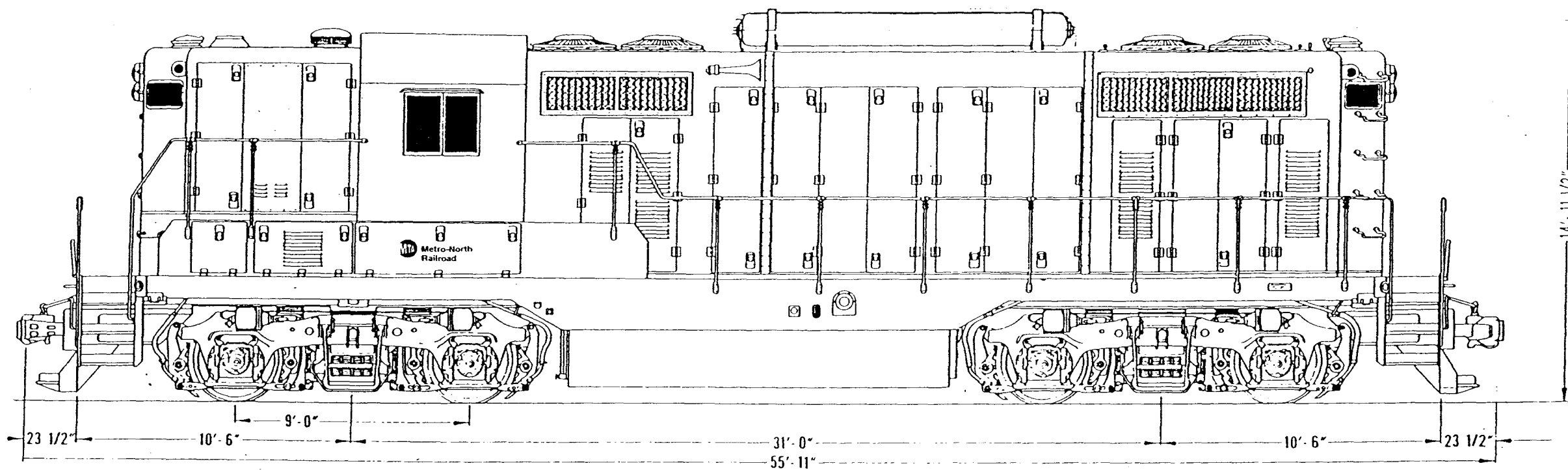
ROAD NUMBER: 543

# SPECIFICATIONS

GP7U (GP8) DIESEL-ELECTRIC SWITCHING UNIT 543

BUILDER:	Electro-Motive Division, General Motors Corp.
REBUILDER:	Rock Island Railroad Silvis, Ill. Shops
DATE BUILT:	May, 1953
DATE REBUILT:	December, 1978
BUILDER NUMBER:	18474
HORSEPOWER:	1,500
ENGINE TYPE:	GM 16-567C
MAIN GENERATOR:	GM D22
TRACTIVE EFFORT:	40,000 LBS.
TRACTION MOTOR TYPE:	D77 (4 Motors)
GEAR RATIO:	58:19
FUEL TANK CAPACITY:	800 U.S. Gallons
BRAKE TYPE:	New York Air Brake 26L
AXLES:	4
CAB SIGNAL TYPE:	Union Switch & Signal Type EL
WEIGHT:	249,000 LBS.

# GP9 DIESEL-ELECTRIC LOCOMOTIVE



ROAD NUMBER: 750

# SPECIFICATIONS

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GP9 DIESEL-ELECTRIC SWITCHING UNIT 750

BUILDER: Electro-Motive Division, General Motors Corp.

DATE BUILT: December, 1955

BUILDER NUMBER: 20924

HORSEPOWER: 1,750

ENGINE TYPE: GM 16-567C

MAIN GENERATOR: GM D12

TRACTIVE EFFORT: 50,000 LBS.

TRACTION MOTOR TYPE: D57B (4 Motors)

GEAR RATIO: 57:20

FUEL TANK CAPACITY: 1,200 U.S. Gallons

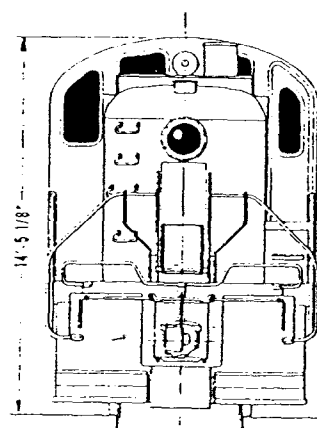
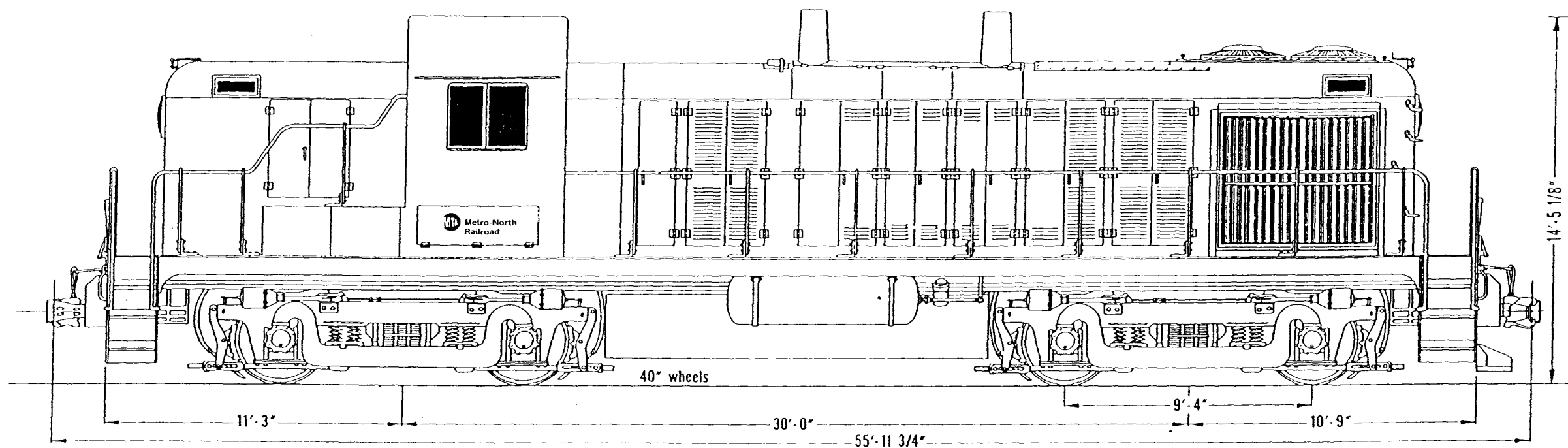
BRAKE TYPE: WABCO 24RL

AXLES: 4

CAB SIGNAL TYPE: Union Switch & Signal Type EL

WEIGHT: 251,000 LBS.

# RS3<sub>m</sub> DIESEL-ELECTRIC LOCOMOTIVE



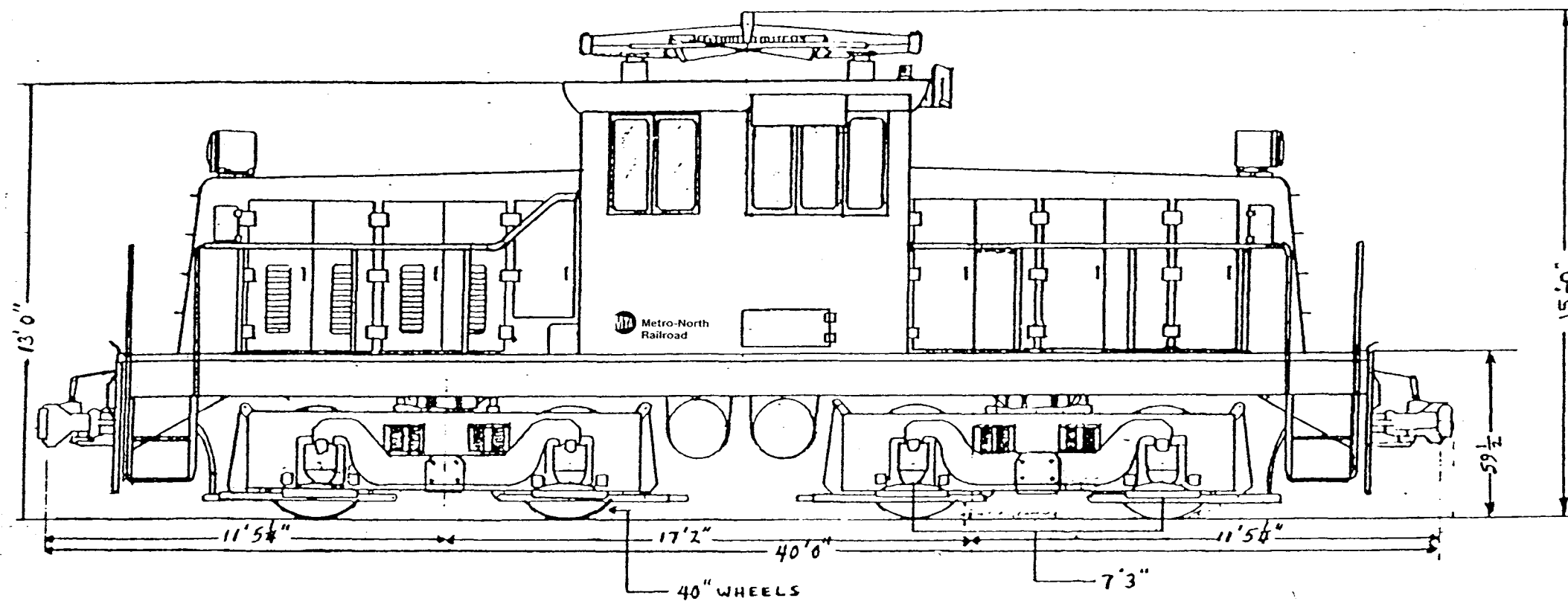
ROAD NUMBER: 605

# SPECIFICATIONS

RS3m DIESEL-ELECTRIC SWITCHING UNIT 605

BUILDER:	ALCO Inc.
REBUILDER:	Conrail Altoona, Pa. Shops
DATE BUILT:	March, 1952
DATE REBUILT:	December, 1979
BUILDER NUMBER:	79668
HORSEPOWER:	1,000
ENGINE TYPE:	GM 16-567BC
MAIN GENERATOR:	D15B
TRACTIVE EFFORT:	52,000 LBS.
TRACTION MOTOR TYPE:	GE 752 (4 Motors)
GEAR RATIO:	74:18
FUEL TANK CAPACITY:	1,400 U.S. Gallons
BRAKE TYPE:	WABCO 24RL
AXLES:	4
CAB SIGNAL TYPE:	None applied to unit
WEIGHT:	252,000 LBS.

# E10B ELECTRIC LOCOMOTIVE



ROAD NUMBERS: 401-403



# SPECIFICATIONS

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E10B ELECTRIC SWITCHING UNIT 401-403

BUILDER: General Electric Co.

DATE BUILT: May, 1952

BUILDER NUMBERS: 31136, 31138, 31139

HORSEPOWER: 1,000

TRACTIVE EFFORT: 57,600 LBS.

TRACTION MOTOR TYPE: GE 731 (4 Motors)

GEAR RATIO: 87:16

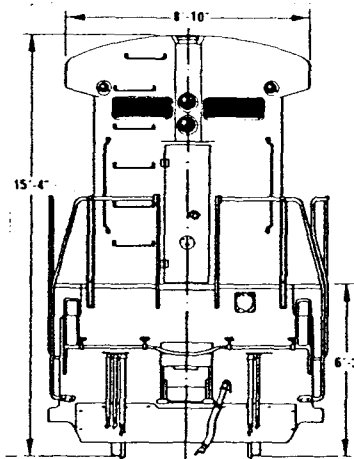
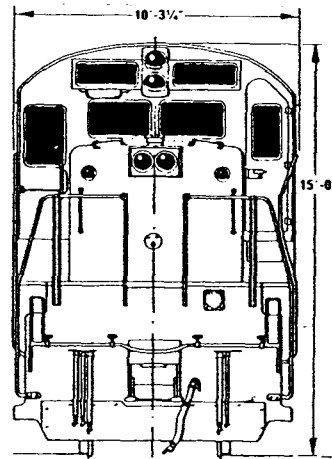
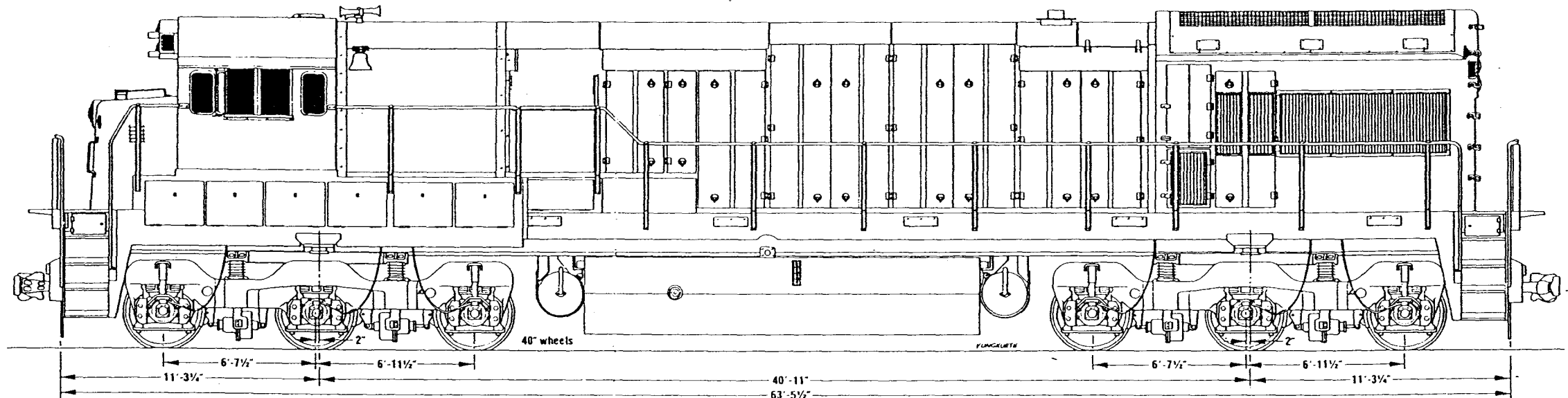
BRAKE TYPE: WABCO Type 6

AXLES: 4

CAB SIGNAL TYPE: None applied to units

WEIGHT: 252,000 LBS.

# U34CH DIESEL-ELECTRIC LOCOMOTIVE



ROAD NUMBER: 4183

NJ TRANSIT

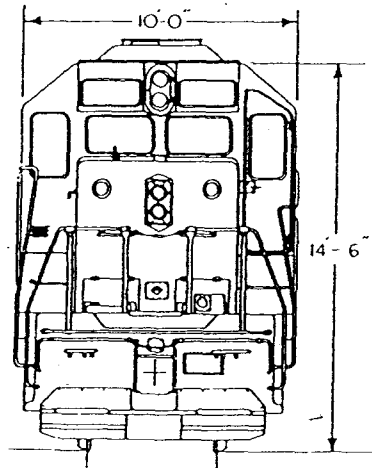
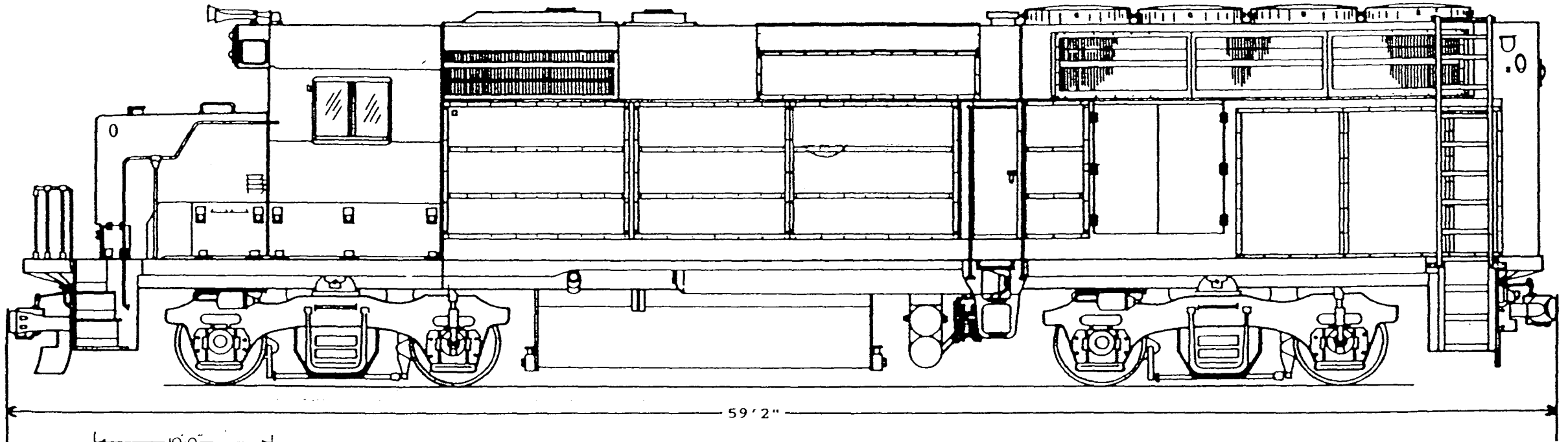


# SPECIFICATIONS

U34CH DIESEL-ELECTRIC PASSENGER UNIT 4183

BUILDER:	General Electric-Erie
REBUILDER:	General Electric-Pittsburgh
DATE BUILT:	February, 1968 (as GE U30C)
DATE REBUILT:	October, 1978
BUILDER NUMBER:	36654 (as U30C) 42017 (as U34CH)
HORSEPOWER:	3,400
ENGINE TYPE:	GE 16-7 FDL
ALTERNATOR TYPE:	5-GTA16-A1
TRACTIVE EFFORT:	32,800 LBS.
TRACTION MOTOR TYPE:	GE 752 (6 Motors)
GEAR RATIO:	81:22
FUEL TANK CAPACITY:	4,000 U.S. Gallons
TRAIN HEATING:	Synchronous 6000 alternator (shaft driven from main engine)
BRAKE TYPE:	New York Air Brake type PS68
AXLES:	6
CAB SIGNAL TYPE:	None applied to unit
WEIGHT:	394,000 LBS.

# GP40FH2 DIESEL-ELECTRIC LOCOMOTIVE



ROAD NUMBERS: 4184-4189

# SPECIFICATIONS

GP40 FH2 DIESEL-ELECTRIC PASSENGER UNIT 4184-4189

BUILDER: Electro-Motive Division, General Motors Corp.

REBUILDER: Morrison-Knudsen Company Inc.

DATE BUILT: September-October, 1966 (4184-4187)  
December, 1966-January, 1967 (4188-4189)

DATE REBUILT: August-September, 1988 (4184-4187)  
November-December, 1990 (4188-4189)

BUILDER NUMBERS: 32242 (4184), 32244 (4185), 32236 (4186),  
32247 (4187), 32596 (4188), 32593 (4189)

HORSEPOWER: 3,000

ENGINE TYPE: GM 16-645E3

ALTERNATOR: GM AR10

TRACTIVE EFFORT: 35,300 LBS.

TRACTION MOTOR TYPE: D77

GEAR RATIO: 57:20

FUEL TANK CAPACITY: 2,500 U.S. Gallons

TRAIN HEATING: Cummings HEP KTTA 19G

BRAKE TYPE: 26E-CS2

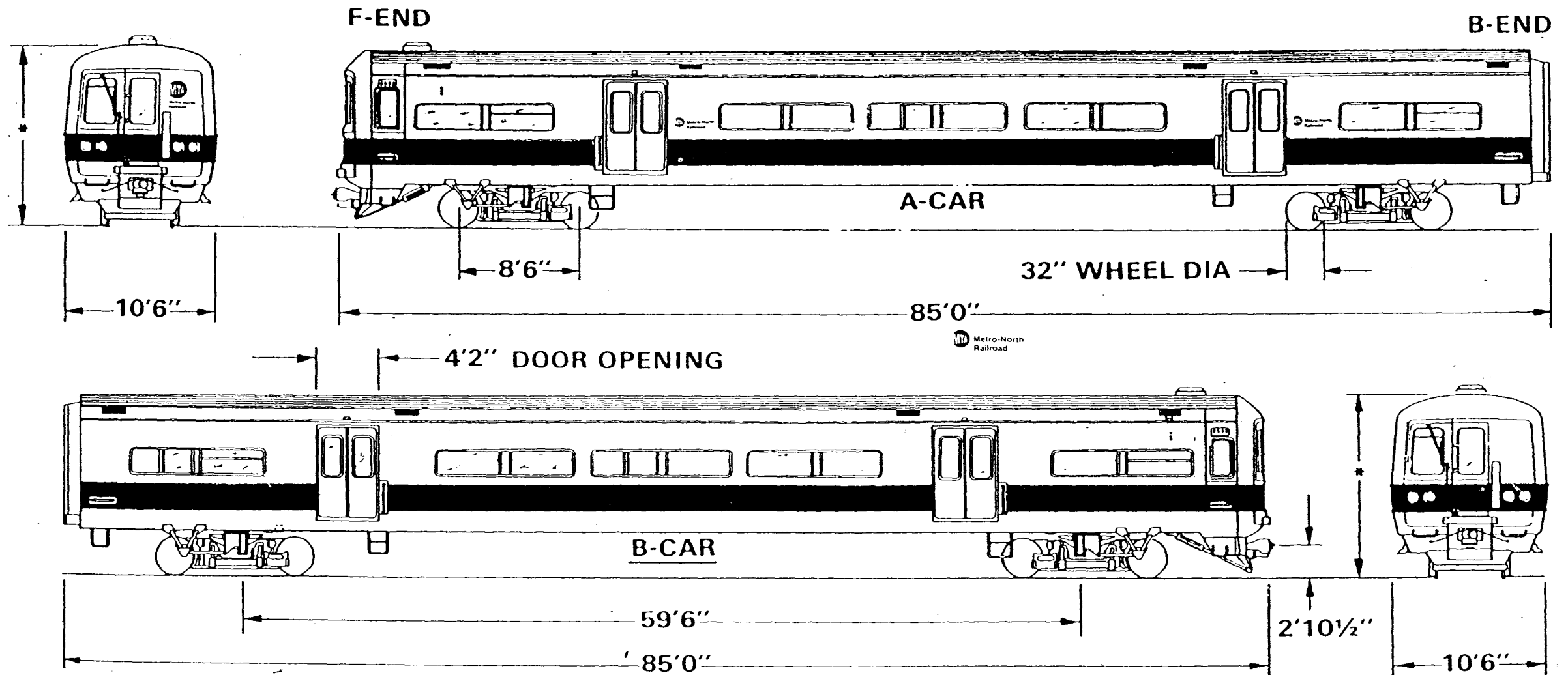
AXLES: 4

CAB SIGNAL TYPE: Union Switch & Signal type EH

WEIGHT: 282,500 LBS.

# *Passenger Car Fleet*

# M-1A ELECTRIC-PROPELLED COACH



ROAD NUMBERS: 8200-8377

# SPECIFICATIONS

M1 ELECTRIC-PROPELLED MU CAR 8200-8377

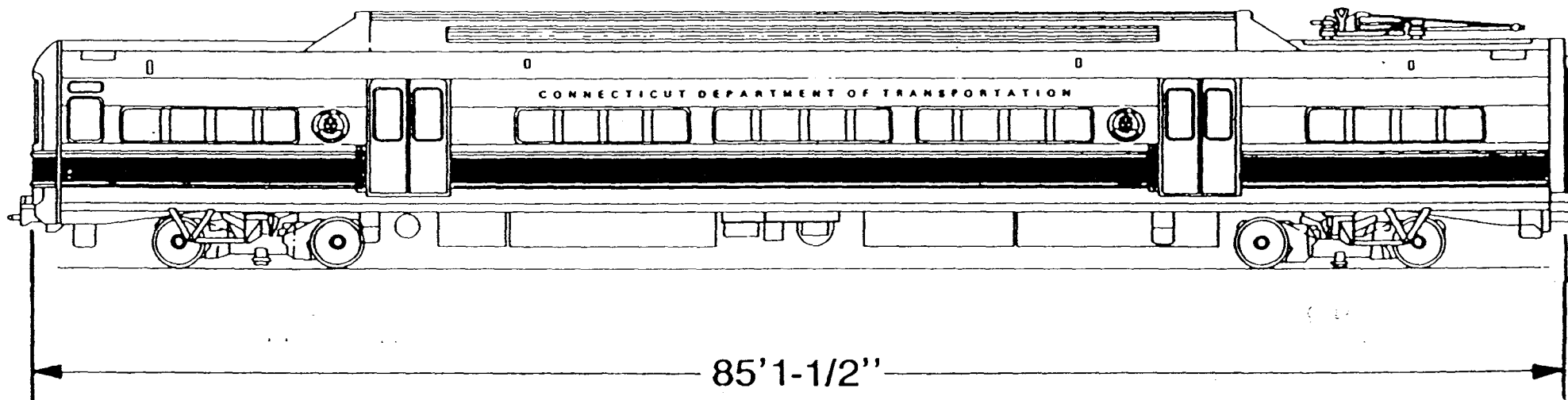
BUILDER:	Budd Company	
DATE BUILT:	June, 1971-December, 1973	
HORSEPOWER:	600	
TRACTION MOTOR TYPE:	GE 1255 (4 Motors/150 HP each)	
GEAR RATIO:	6.2:1	
BRAKE TYPE:	WABCO RT5A	
CAB SIGNAL TYPE:	Union Switch & Signal Type EL	
CARBODY:	Brushed Stainless Steel	
SEATING CAPACITY:	122-A Car 118-B Car	
AIR CONDITIONING:	Trane-Vapor 14-ton capacity	
HEATING:	Vapor Corp. 36 kw (overhead) (floor)	Budd Co. 18 kw
BATTERY CHARGER:	Sab-Nife Corp.	
SPEED INDICATORS:	Union Switch & Signal	
TRUCKS:	Budd Co. Pioneer III	
BEARINGS:	6 inch x 11 inch Timken Class E roller	
COUPLER:	WABCO N2A	
TOILET TYPE:	Monogram	
DOOR CONTROL:	Vapor Corp.	
WEIGHT:	92,000 LBS.	



# M-2 ELECTRIC-PROPELLED COACH

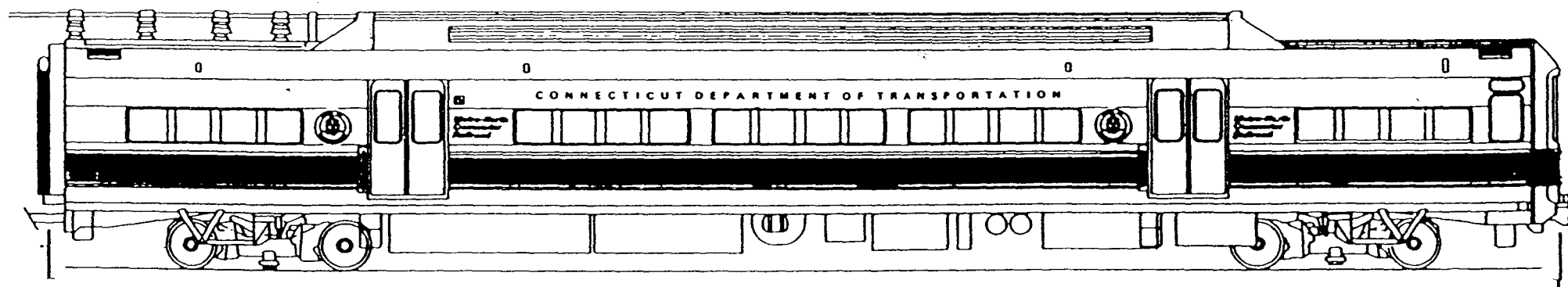
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B END



B END

F END



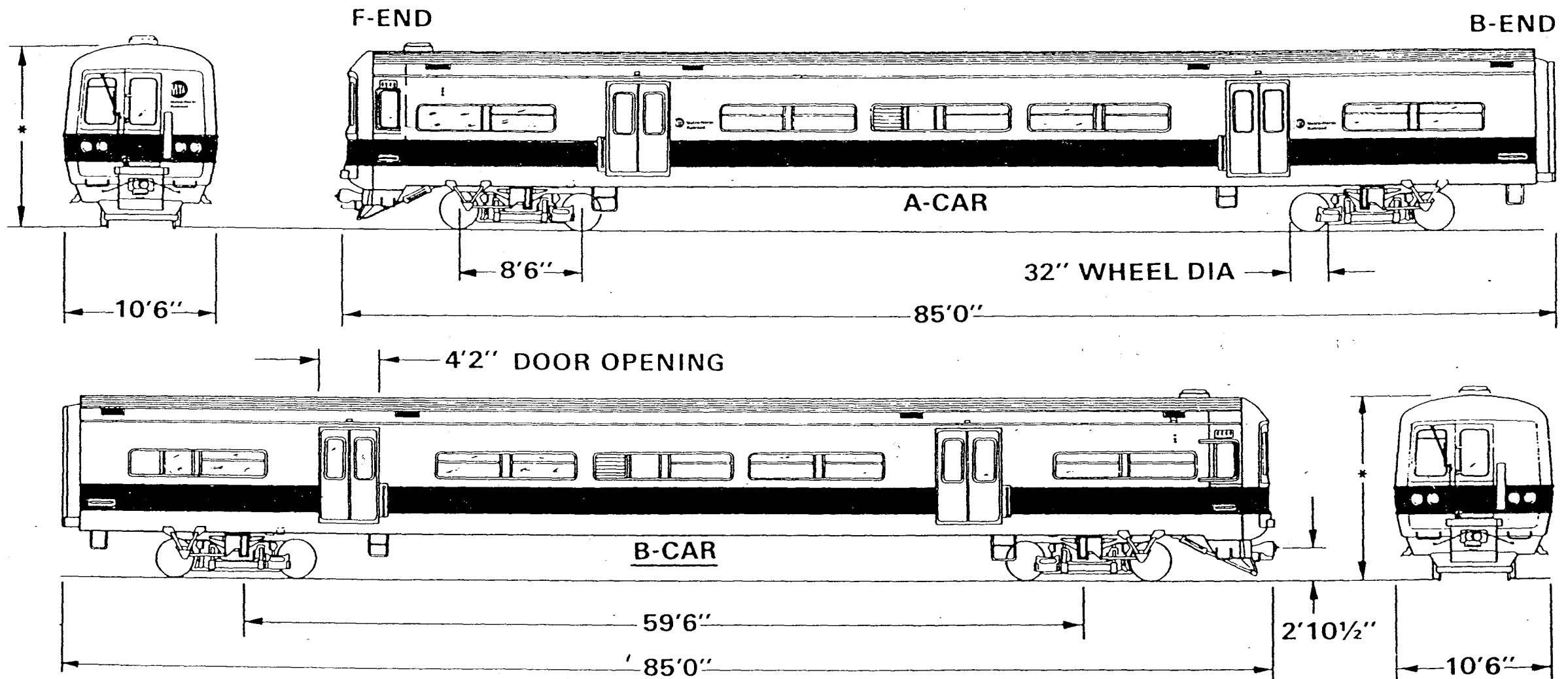
ROAD NUMBERS: 8400-8471, 8500-8571, 8651-8669, 8700-8747, 8800-8849

# SPECIFICATIONS

## M2 ELECTRIC-PROPELLED MU CAR

BUILDER:	General Electric (final assembly) Canadian-Vickers (carbody)
DATE BUILT:	May, 1973-July, 1976
HORSEPOWER:	640
TRACTION MOTOR TYPE:	GE 1259A (4 Motors/160 HP each)
GEAR RATIO:	6.2:1
BRAKE TYPE:	Westcode GRB-1
CAB SIGNAL TYPE:	Union Switch & Signal Type EL
CARBODY:	Brushed Stainless Steel
SEATING CAPACITY:	120-A Car 114-B Car
AIR CONDITIONING:	Trane-Vapor 14 ton capacity
HEATING:	Vapor Corp. (overhead) GE (floor)
BATTERY CHARGER:	Sab-Nife Corp.
SPEED INDICATORS:	Union Switch & Signal
TRUCKS:	General Steel Industries Model 70
BEARINGS:	6 1/2 inch x 12 inch Class F roller Brenco and Timken
COUPLER:	WABCO N2A
TOILET TYPE:	Monogram
DOOR CONTROL:	Vapor Corp.
PANTOGRAPH TYPE:	Faiveley Corp. Model 1200
WEIGHT:	112,000 LBS.

# M-3 ELECTRIC-PROPELLED COACH



ROAD NUMBERS: 8000-8141

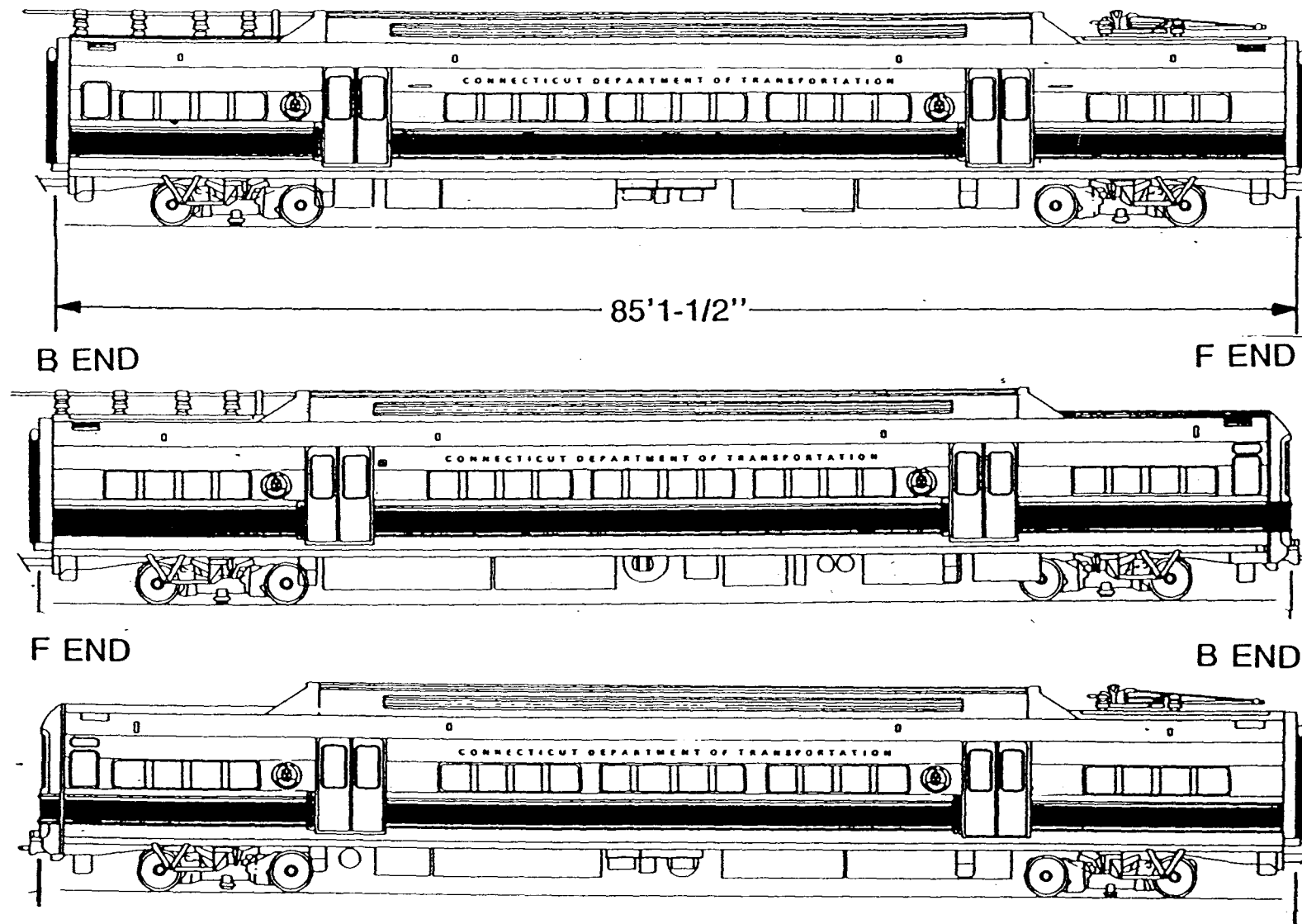
# SPECIFICATIONS

M3 ELECTRIC-PROPELLED MU CAR 8000-8141

BUILDER:	Budd Company
DATE BUILT:	December, 1983-January, 1985
HORSEPOWER:	640
TRACTION MOTOR TYPE:	GE 1261 (4 Motors/160 HP each)
GEAR RATIO:	6.2:1
BRAKE TYPE:	WABCO RT5A
CAB SIGNAL TYPE:	Union Switch & Signal Type EL
CARBODY:	Brushed Stainless Steel
SEATING CAPACITY:	120-A Car 114-B Car
AIR CONDITIONING:	Trane-Vapor 14 ton capacity
HEATING:	Chromolux Corp. (overhead) Budd Co. (floor)
BATTERY CHARGER:	Krupp
SPEED INDICATORS:	Union Switch & Signal
TRUCKS:	General Steel Industries Model 70
BEARINGS:	6 1/2 inch x 12 inch Timken Class F roller
COUPLER:	WABCO N2A
TOILET TYPE:	Monogram
DOOR CONTROL:	Vapor Corp.
WEIGHT:	110,630 LBS. A Car 107,690 LBS. B Car

# M-4 ELECTRIC-PROPELLED COACH

ROAD NUMBERS: 8900-8935, 8951-8985

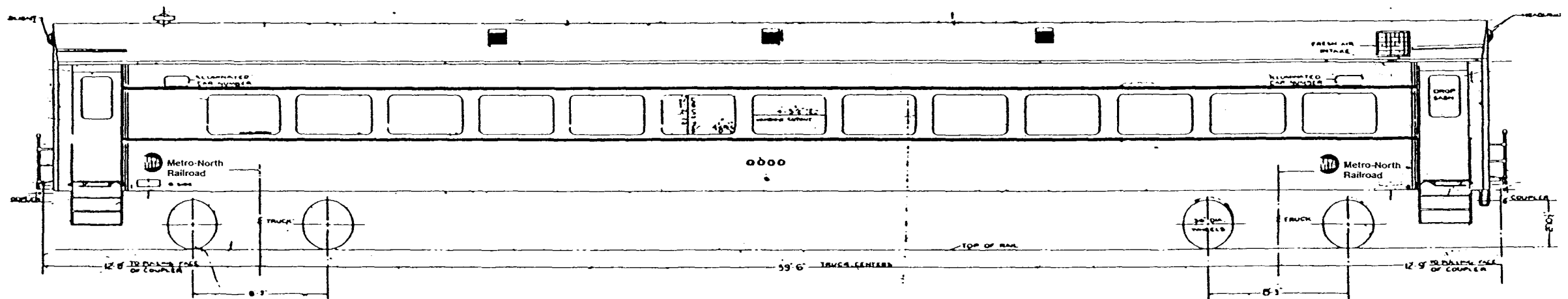


# SPECIFICATIONS

M4 ELECTRIC-PROPELLED MU CARS 8900-8935, 8951-8985 (ODD ONLY)

BUILDER:	Tokyu Car Co.
DATE BUILT:	March, 1987-August, 1987
HORSEPOWER:	648
TRACTION MOTOR TYPE:	GE 1259 (4 Motors/162 HP each)
GEAR RATIO:	6.2:1
BRAKE TYPE:	Westcode GRB-1
CAB SIGNAL TYPE:	Union Switch & Signal Type EL
CARBODY:	Brushed Stainless Steel
SEATING CAPACITY:	118-A Car 113-B Car 120-D Car
AIR CONDITIONING:	Vapor 14 ton capacity
HEATING:	Vapor (overhead) Tokyu Car (floor)
BATTERY CHARGER:	Sab-Nife Corp.
SPEED INDICATORS:	Eaton Industries Model EIL
TRUCKS:	Tokyu Car fabricated rigid frame
BEARINGS:	6 1/2 inch x 12 inch Timken Class F
COUPLER:	WABCO N2A
TOILET TYPE:	Monogram
DOOR CONTROL:	Faiveley Corp.
PANTOGRAPH TYPE:	Brecknell & Willis Type MOZ 946-03L
WEIGHT:	133,000 LBS. A Car 128,000 LBS. B Car 132,000 LBS. D Car

# ACMU ELECTRIC-PROPELLED COACH



ROAD NUMBERS: 1100-1186

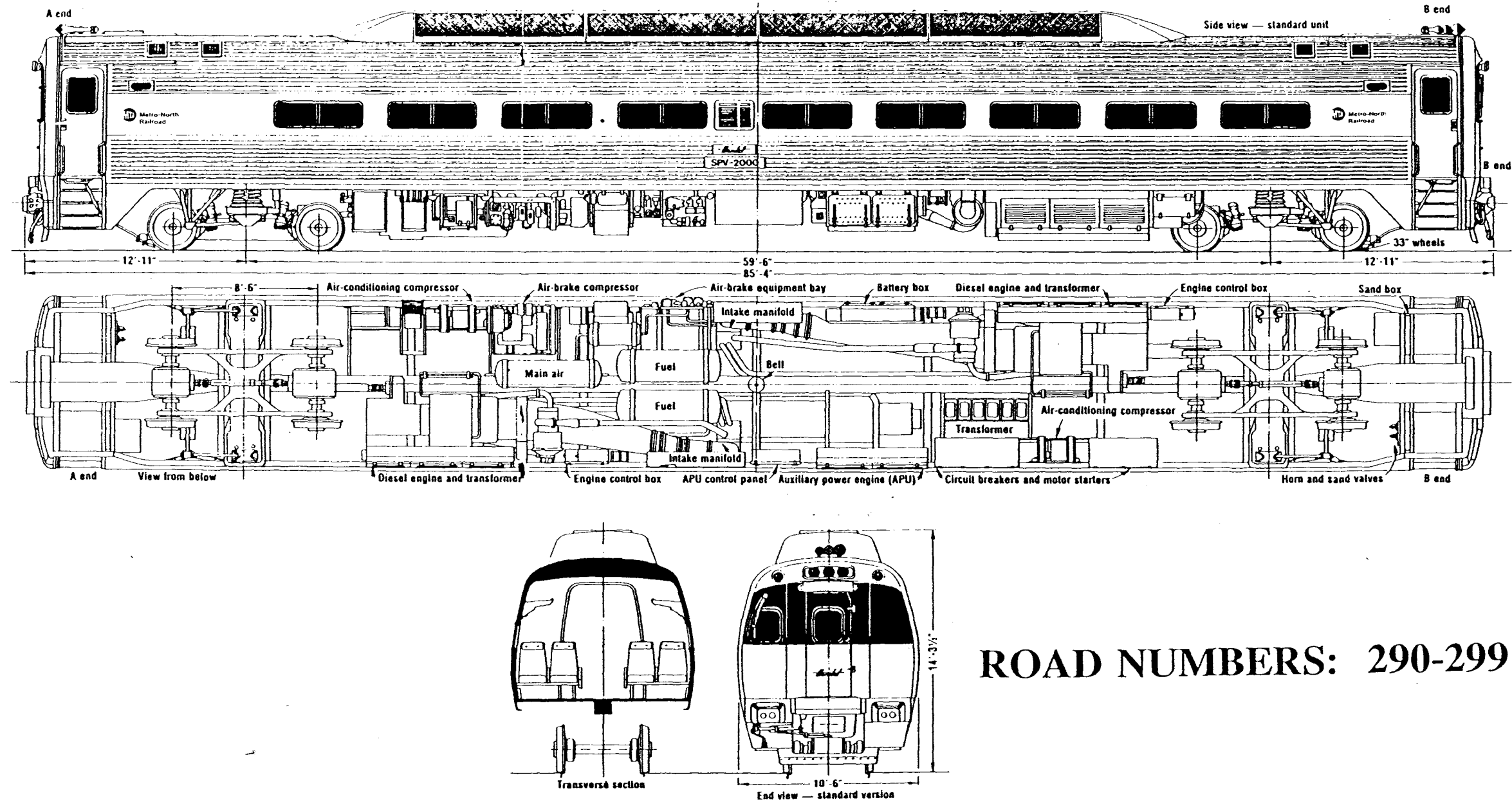
# SPECIFICATIONS

ACMU ELECTRIC-PROPELLED MU COACH 1100-1186

BUILDER:	Pullman-Standard
DATE BUILT:	February-July, 1962 (1100-1152) April-August, 1965 (1153-1186)
HORSEPOWER:	400
TRACTION MOTOR TYPE:	GE 1240 (4 Motors/100 HP each)
GEAR RATIO:	
BRAKE TYPE:	26C MUE80
CAB SIGNAL TYPE:	Union Switch & Signal Type EL
CARBODY:	Cor-Ten Steel
SEATING CAPACITY:	130
AIR CONDITIONING:	Safety Electric 9-ton capacity
HEATING:	Safety Electric 17 kw (overhead) Pullman-Standard 23 kw
BATTERY CHARGER:	McGraw-Edison
SPEED INDICATORS:	Union Switch & Signal
TRUCKS:	Adirondack Type V3E
BEARINGS:	5 1/2 inch x 10 inch Timken roller
COUPLER:	AAR Type F and H
TOILET TYPE:	Vapor Corp.
DOOR CONTROL:	Manual Sliding type
WEIGHT:	116,000 LBS.



# SPV-2000 DIESEL-PROPELLED PASSENGER COACH



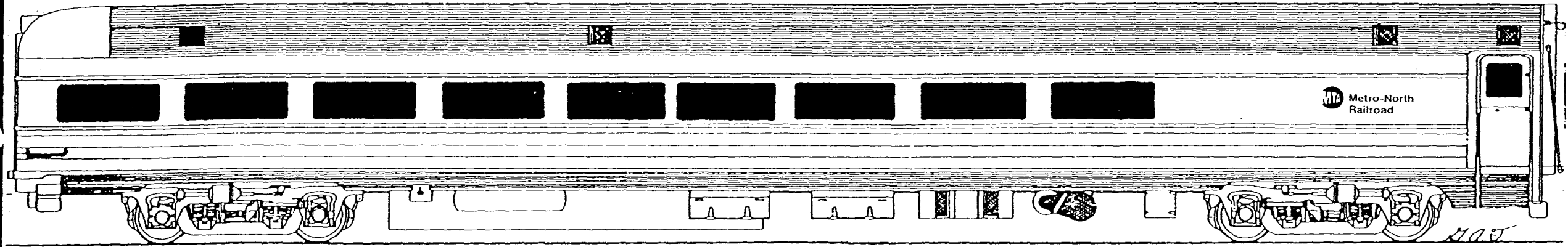
ROAD NUMBERS: 290-299

# SPECIFICATIONS

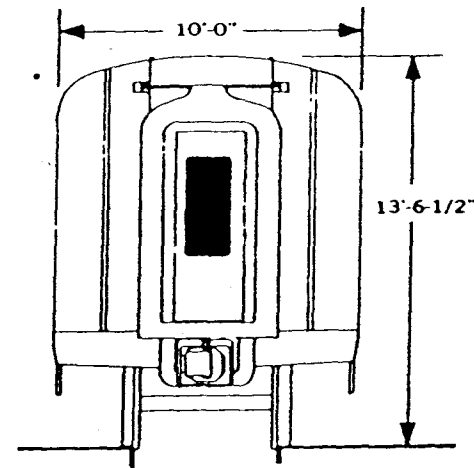
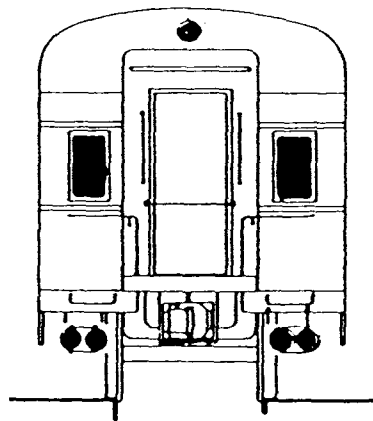
SPV-2000 DIESEL PROPELLED PASSENGER COACH 290-299

BUILDER:	Budd Company
DATE BUILT:	September-October, 1981
ENGINE TYPE:	Propulsion: Detroit Diesel 8V92T 2 @ 360 HP Auxilliary Power: Detroit Diesel 471
HORSEPOWER:	720
TRANSMISSION:	Twin Disc TDC-22-1500
BRAKE TYPE:	New York Air Brake Co. Model SPV-26
CAB SIGNAL TYPE:	GRS Cabmatic Model 410
CARBODY:	Fluted Stainless Steel
SEATING CAPACITY:	109
FUEL CAPACITY:	300 U.S. Gallons
WATER CAPACITY:	50 U.S. Gallons
AIR CONDITIONING:	York Corp. 6-ton capacity (2 units)
HEATING:	Budd Company
BATTERY CHARGER:	McGraw-Edison
SPEED INDICATORS:	VAPOR Corp. Digital Type
TRUCKS:	Budd Company Pioneer III
BEARINGS:	Timken Co. Class F 6 1/2 inch x 12 inch
COUPLER:	AAR Type H
TOILET TYPE:	Monogram Retention Type
WEIGHT:	127,000 LBS.

# MANAGEMENT INSPECTION CAR



85'-0"



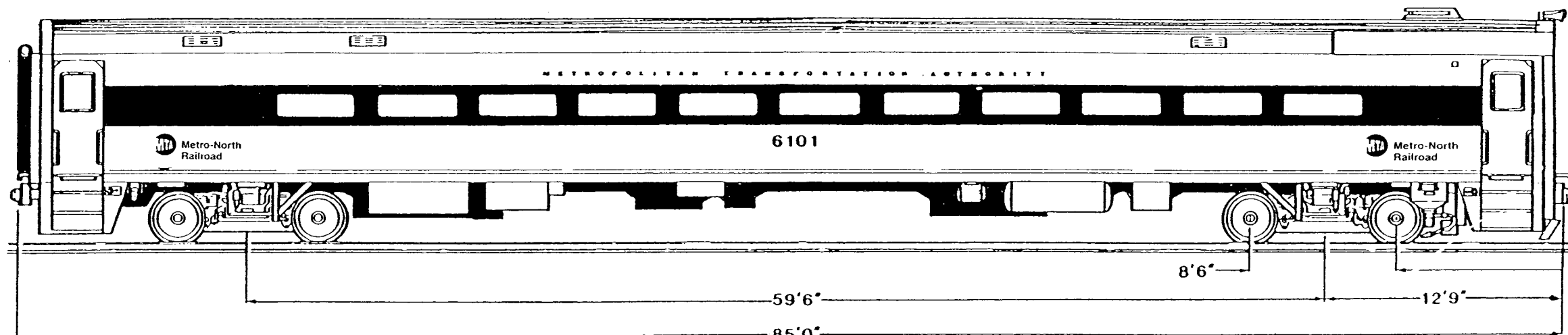
ROAD NUMBERS: MN1-MN2

# SPECIFICATIONS

MANAGEMENT INSPECTION CARS MN1, MN2

BUILDER:	Budd Company
DATE BUILT:	October, 1949
BRAKE TYPE:	Westinghouse UC Disc type
CARBODY:	Fluted Stainless Steel
SEATING CAPACITY:	35
AIR CONDITIONING:	Stone Safety 8-ton capacity
HEATING:	Stone Safety 20 kw (overhead) General Electric 20 kw (floor)
BATTERY CHARGER:	Evort-Gray 74 volt
TRUCKS:	General Steel Casting cast type
BEARINGS:	Timken Co. 6 inch x 11 inch Class E roller
COUPLER:	AAR Type H
TOILET TYPE:	Microphor
DOOR CONTROL:	Manual operation
WEIGHT:	117,000 LBS.

# "SHORELINER" COACH



"B" END

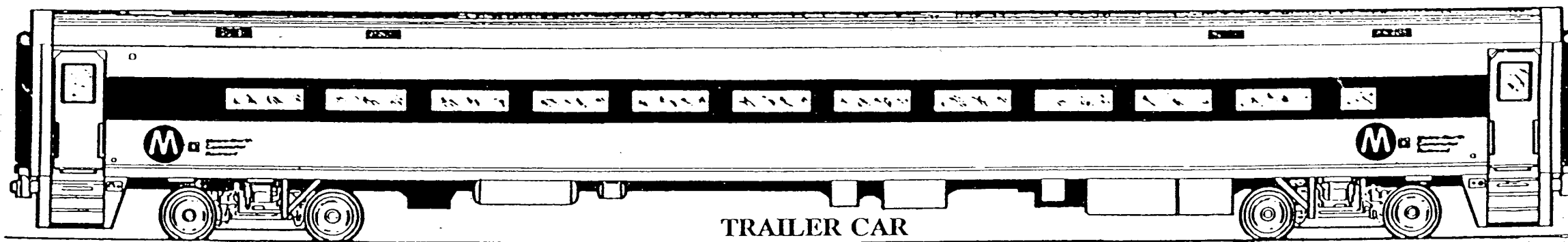
CAB CAR

"A" END

"A" END

LEFT HAND SIDE SHOWN

"B" END



TRAILER CAR

ROAD NUMBERS: 6101-6123, 6201-6219, 6150-6190, 6250-6278

## SPECIFICATIONS

SHORELINER" PASSENGER COACH    6101-6123 cab car (odd only)  
    6201-6219 cab car (odd only)  
    6150-6190, 6250-6278

BUILDER: Bombardier Inc.

DATE BUILT:           October, 1985-October, 1987

BRAKE TYPE: WABCO 26C

CAB SIGNAL TYPE: Union Switch & Signal Type EL (6101-6119,  
6201-6209) Type EH (6121, 6123, 6211-6219)

CARBODY: Brushed Aluminum body/Steel frame

SEATING CAPACITY: 118-cab car, 124 toilet coach, 131 all others

AIR CONDITIONING: Stone Safety 12-ton capacity

HEATING: Stone Safety 36 kw (overhead)  
Bombardier 20 kw (floor)

BATTERY CHARGER: Krupp or Envort-Gray 74 volt

SPEED INDICATORS: Union Switch & Signal

TRUCKS: General Steel Industries fabricated type

BEARINGS: Timken Co. 6 inch x 11 inch Class E Roller

COUPLER: AAR Type H

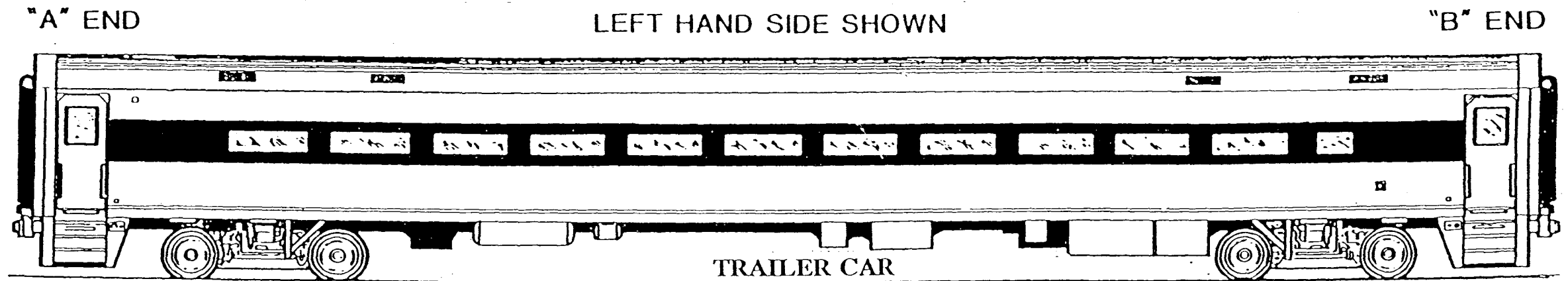
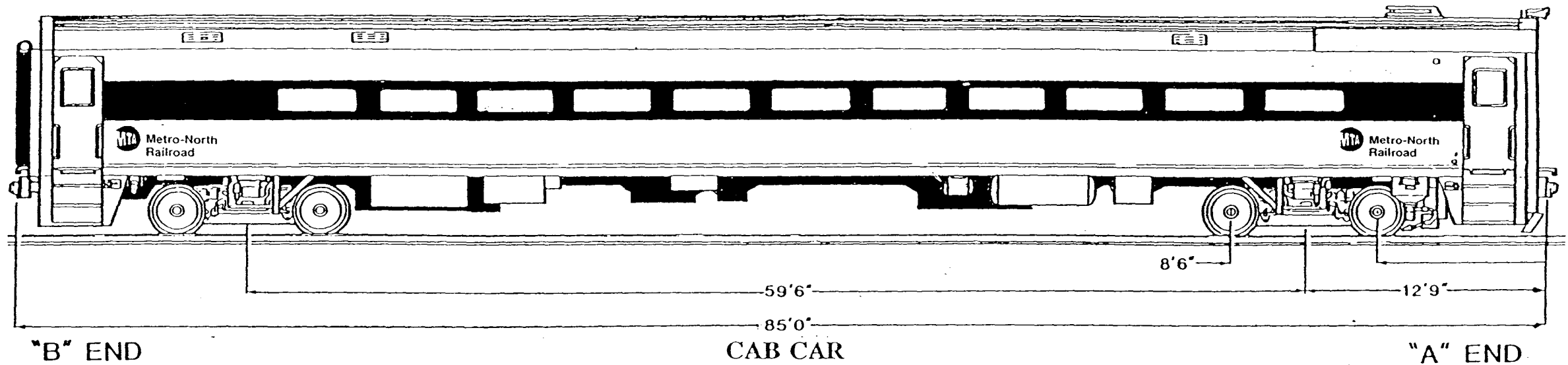
TOILET TYPE:                    Microphor Type H

DOOR CONTROL: Vapor Corp.

WEIGHT: 91,200 LBS. (cab car)  
84,000 LBS. (trailer)

See previous page for logo

# "SHORELINE EAST" COACH



ROAD NUMBERS: 1614-1616, 1640-1646, 1691-1697

## SPECIFICATIONS

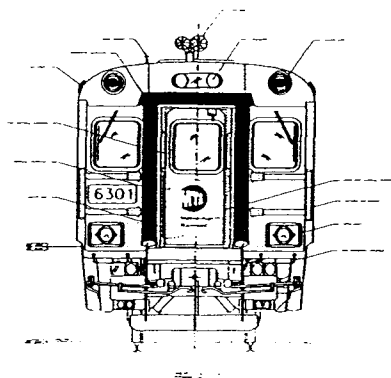
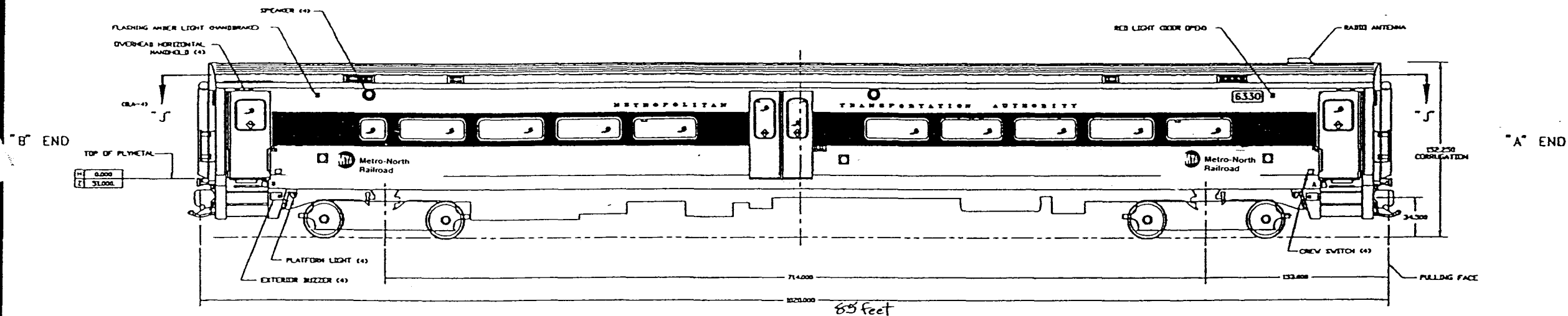
"SHORELINE EAST" CDOT PASSENGER COACH	1691-1697 cab car
	1640-1646 trailer
	1614-1616 HEP trailer
	(odd numbers only)

BUILDER:	Bombardier Inc.
DATE BUILT:	November-December, 1991
BRAKE TYPE:	WABCO 26C Clasp and Disc type
CAB SIGNAL TYPE:	Union Switch & Signal Type EH
CARBODY:	Brushed Aluminum body/Steel frame
SEATING CAPACITY:	118 (cab car), 131 (trailer)
HEP UNIT:	Volvo-Penta 220 kw (1640-1646 only)
AIR CONDITIONING:	Stone Safety 12-ton capacity
HEATING:	Stone Safety 36 kw (overhead) Bombardier 20 kw (floor)
BATTERY CHARGER:	Krupp 74 volt
SPEED INDICATORS:	Union Switch & Signal
TRUCKS:	General Steel Industries Model 70 cast type
BEARINGS:	Timken Co. 6 inch x 11 inch Class E Roller
COUPLER:	AAR Type H
TOILET TYPE:	Microphor Type H
DOOR CONTROL:	Vapor Corp.
WEIGHT:	91,200 LBS. (cab car) 84,000 LBS. (trailer) 108,200 LBS. (HEP equipped trailer)



# "SHORELINER" COACH

(center door type)

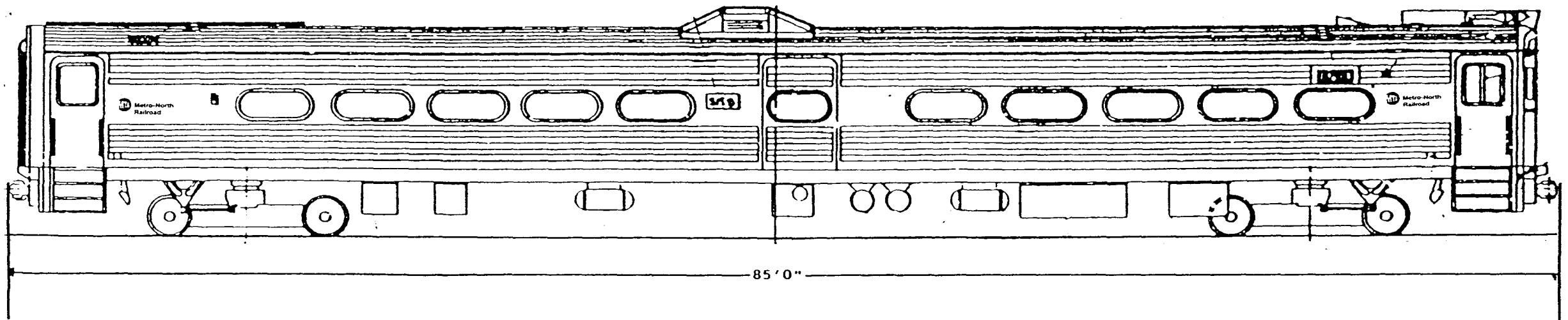


ROAD NUMBERS: \_\_\_\_\_

# SPECIFICATIONS

“SHORELINER”	
PASSENGER COACH:	6301-6308 CAB CARS 6331-6351 TOILET CARS (odd only) 6330-6358 TRAILER CARS (even only)
BUILDER:	Bombardier Inc.
DATE BUILT:	April 1995-July 1996
BREAK TYPE:	WABCO 26C
CAB SIGNAL TYPE:	Union Switch & Signal Type EH (6301-6308)
CAR BODY:	Brushed aluminum body/steel frame
SEATING CAPACITY:	102 cab car, 107 toilet coach, 115 all others
AIR CONDITIONING:	Stone Safety 12-ton capacity
HEATING:	Stone Safety 36 kw (overhead) Bombardier 20 kw (floor)
BATTERY CHARGER:	74-volt power rail
SPEED INDICATORS:	Union Switch & Signal
TRUCKS:	General Steel Industries fabricated type
BEARINGS:	Timken Co. 6 X11-inch Class E Roller
COUPLER:	AAR Type H
TOILET TYPE:	Microphor
DOOR CONTROL:	Vapor Corp.
WEIGHT:	Cab car, 103,900 lbs. (est.) Trailer, 96,000 lbs. (est.)

# "COMET 1A" COACH

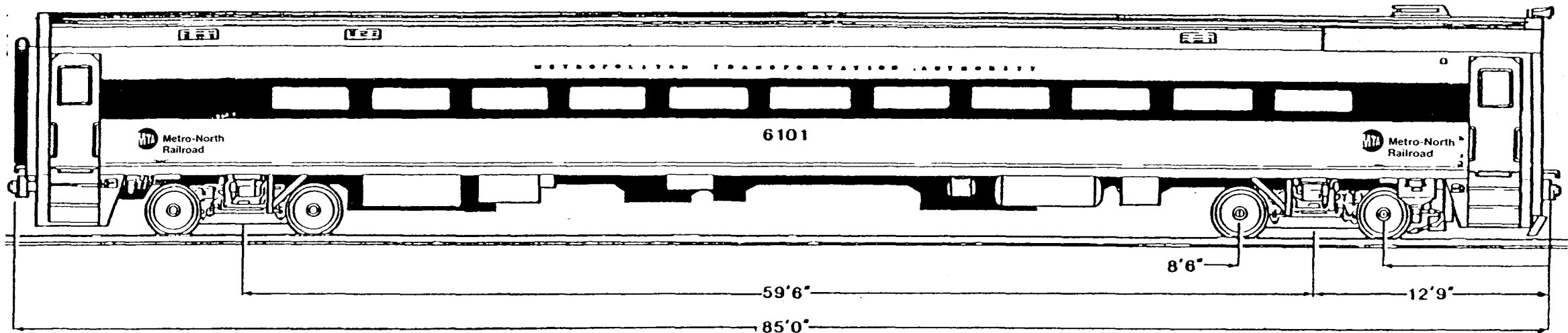


ROAD NUMBERS: 5198-5199, 5994-5999

# SPECIFICATIONS

"COMET IA" PASSENGER COACH	5198-5199 cab car 5994-5999
BUILDER:	AVCO Inc. (carbody) General Electric (assembly)
DATE BUILT:	December, 1977-January, 1978
REBUILT:	Morrison-Knudsen
DATE REBUILT:	1989-1990
BRAKE TYPE:	WABCO 26C/CS2
CAB SIGNAL TYPE:	Union Switch & Signal type EH
CARBODY:	Fluted Stainless Steel
SEATING CAPACITY:	123
AIR CONDITIONING:	Stone Safety 12-ton capacity
HEATING:	Stone Safety 8.24 kw (overhead) 18 kw (floor)
BATTERY CHARGER:	Sab-Nife 74 volt
TRUCKS:	General Steel Industries Model 70 cast type
BEARINGS:	Timken Co. 6 1/2 inch x 12 inch Class F Roller
COUPLER:	AAR Type HT
TOILET TYPE:	Microphor
DOOR CONTROL:	Vapor
WEIGHT:	92,000 LBS. (trailer)

# "COMET II" COACH



"B" END

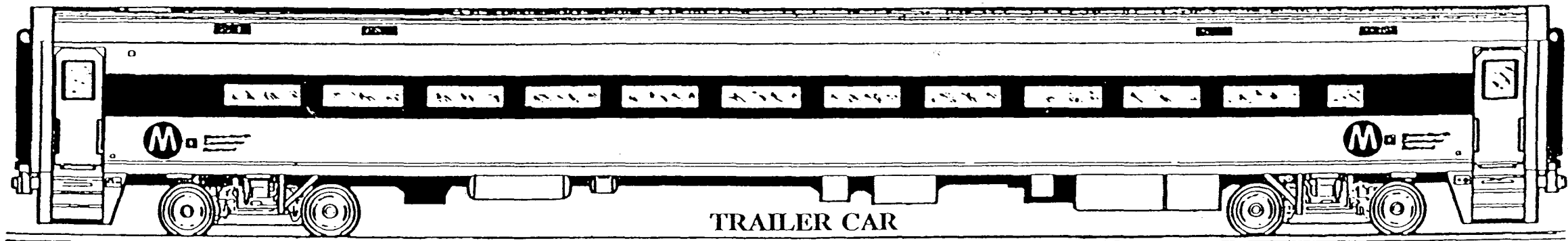
CAB CAR

"A" END

"A" END

LEFT HAND SIDE SHOWN

"B" END



TRAILER CAR

**N** TRANSIT

ROAD NUMBERS: 5175-5178, 5986-5993, 6000-6003

## SPECIFICATIONS

"COMET II" PASSENGER COACH	5175-5178	cab car
	5986-5993	
	6000-6003	

BUILDER: Bombardier Inc.

DATE BUILT: August, 1983 (5988-5989)  
May-October, 1983 (5175-5177, 5990-5993)  
February-March, 1987 (5986-5987, 6000-6003)  
April, 1987 (5178)

BRAKE TYPE: WABCO 26C/CS2

CAB SIGNAL TYPE:       None applied to cars

CARBODY:                      Brushed Aluminum body/Steel frame

SEATING CAPACITY: 113 (5175-5177)  
117 (5178)  
131 (all others)

AIR CONDITIONING: Stone Safety 12-ton capacity

HEATING: Stone Safety 36 kw (overhead)

**BATTERY CHARGER:** Sab-Nife 75 volt (5986-5987)  
McGraw-Edison 75 volt (all others)

TRUCKS: General Steel Industries Model 70 cast type

BEARINGS: Timken Co. 6 inch x 11 inch Class E Roller

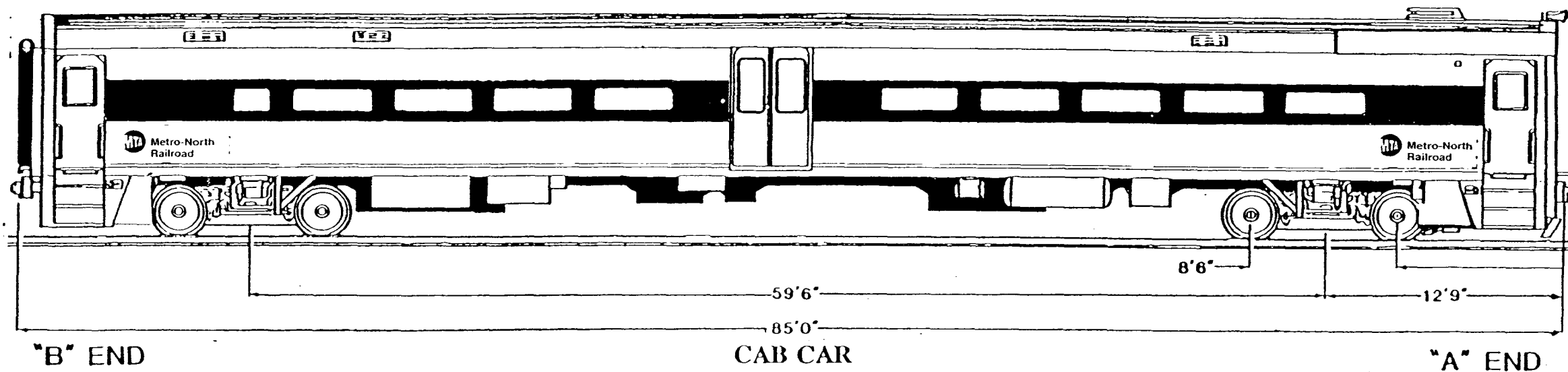
COUPLER: AAR Type H

TOILET TYPE:                      Microphor Type H (5175-5178 only)

DOOR CONTROL: Faiveley with Vapor door closer

WEIGHT:	83,000 LBS.	(5175-5177)
	84,000 LBS.	(5986-5987)
	85,800 LBS.	(6000-6003)
	79,000 LBS.	(5988-5993)

# "COMET III" COACH



**NJ TRANSIT**



**ROAD NUMBERS: 5179-5180**

# SPECIFICATIONS

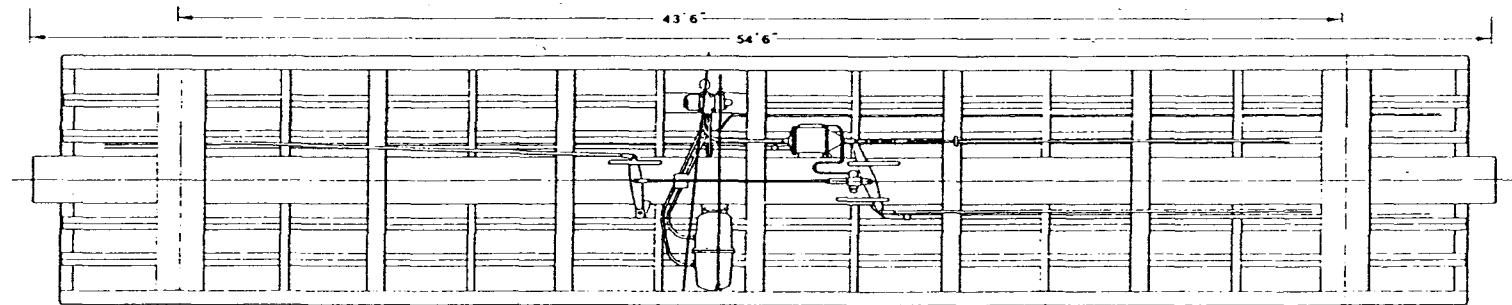
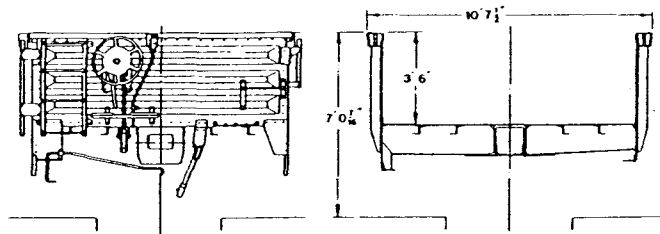
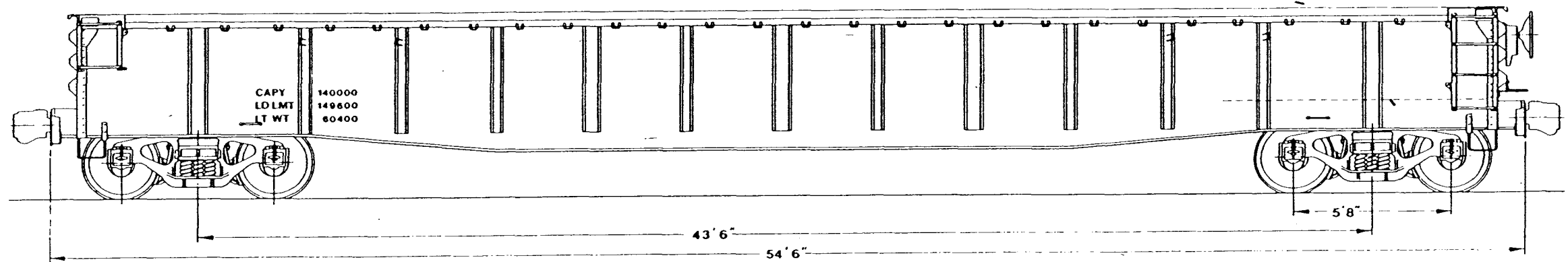
"COMET III" PASSENGER COACH 5179-5180

BUILDER:	Bombardier Inc.
DATE BUILT:	February 1991
BRAKE TYPE:	New York Air Brake PS90 26C Disc/Tread
CAB SIGNAL TYPE:	Union Switch & Signal type EH
CARBODY:	Brushed Aluminum body/Steel frame
SEATING CAPACITY:	103
AIR CONDITIONING:	Faiveley 12-ton
HEATING:	Faiveley 480 VAC (floor and overhead)
BATTERY CHARGER:	Sab-Nife 74 volt
SPEED INDICATORS:	Union Switch & Signal
TRUCKS:	General Steel Industries Model 70 cast type
BEARINGS:	Timken Co. 6 inch x 11 inch Class E Roller
COUPLER:	AAR Type H Head/Type F Shank
TOILET TYPE:	Microphor Type H
DOOR CONTROL:	Faiveley with Vapor door closer
WEIGHT:	105,400 LBS.



# *Non-Revenue Work Car Fleet*

# GENERAL SERVICE GONDOLA CAR



**ROAD NUMBERS: 201-225**

# SPECIFICATIONS

GONDOLA CARS 201-225

CLASS: G31

BUILDER: Pullman-Standard  
American Car & Foundry  
General American Car Co.

DATE BUILT: 1950-1952

CAPACITY: 154,000 LBS.

WHEEL TYPE: 33 inch one wear, 33 inch two wear (214)

JOURNALS: 5 1/2 x 11 inch friction

AXLE TYPE: BC

TRUCK TYPE: Ride Control

TRUCK SPRINGS: D-5

COUPLER TYPE: E50 (201,203,207,215)  
E60CHT (205)  
BE60BHT (214,216,225)  
E60 (All others)

YOKE TYPE: Y40

AIR BRAKE TYPE: AB

DOOR TYPE: Drop (204-205,211,213,215-216,219,221,223)  
Fixed (All others)

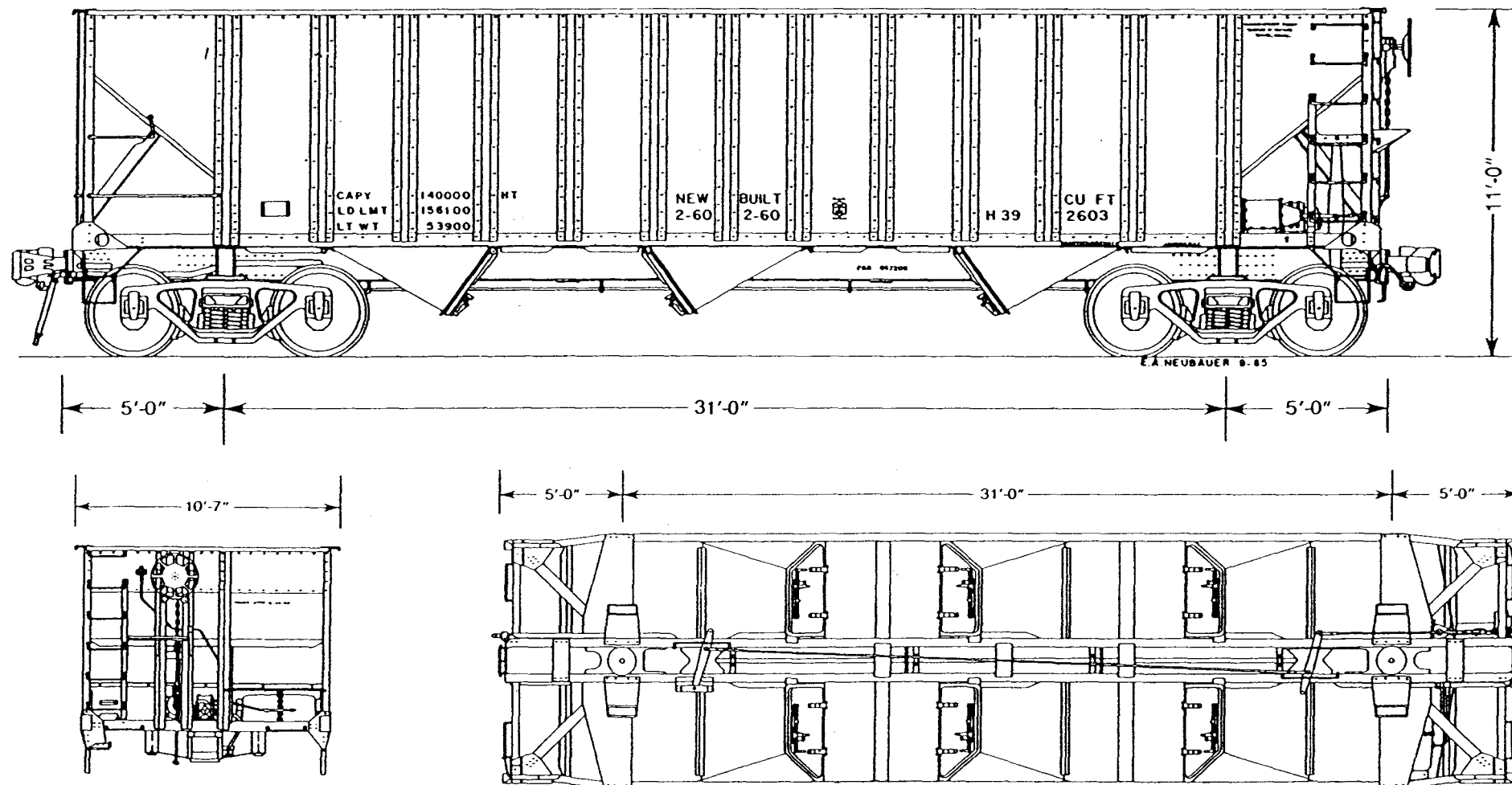
Technical drawing of a mechanical assembly, likely a conveyor system, showing a side view. The drawing includes dimensions: 37.14, 24.0, and 36.00. The assembly features a long horizontal shaft supported by multiple bearings or rollers. At each end, there is a drive mechanism consisting of a motor and a pulley system. The drawing is a detailed line drawing with hatching for shading.

# SPECIFICATIONS

SIDE DUMP GONDOLA CARS . 250-258, 266

CLASS:	MWD
BUILDER:	Differential Steel Car Co.
BUILDER DATE:	September-October, 1981
CAPACITY:	183,000 LBS.
WHEEL TYPE:	36 inch two wear
JOURNALS:	6 1/2 inch x 12 inch roller
AXLE TYPE:	RWS
TRUCK TYPE:	Ride Control D7
TRUCK SPRINGS:	D7
COUPLER TYPE:	E50 (253,266) E60 (All others)
YOKE:	Y40
AIR BRAKES:	ABDW

# BALLAST SERVICE HOPPER CAR



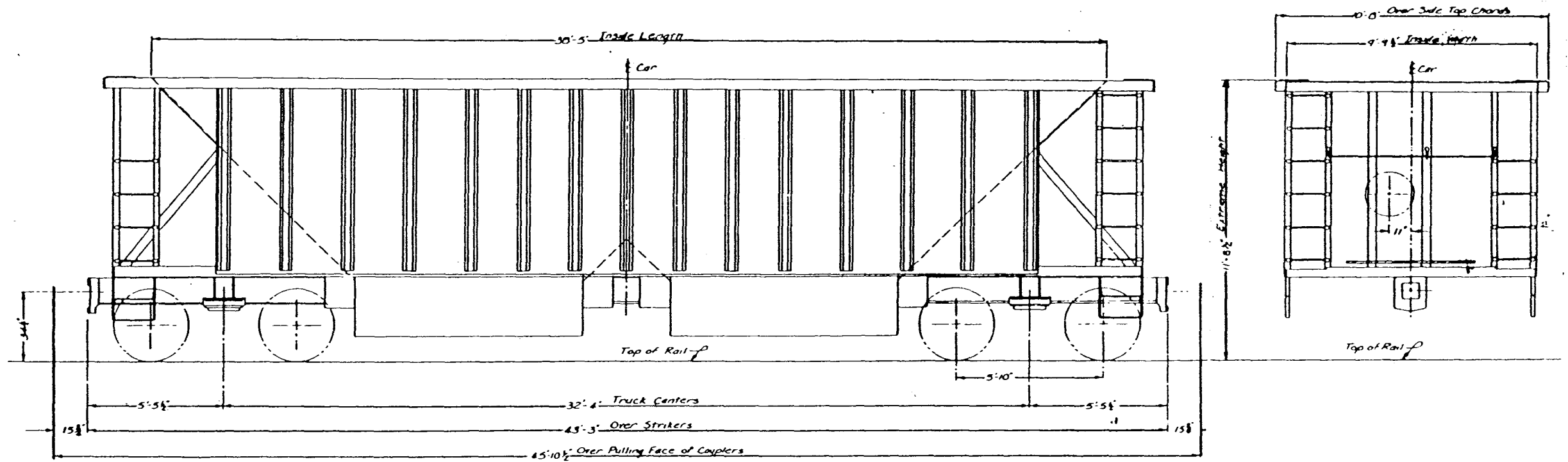
**ROAD NUMBERS: 301-330**

# SPECIFICATIONS

HOPPER CARS 301-330

CLASS:	H-39
BUILDER:	Bethlehem Steel PRR Hollidaysburg Shops Pullman-Standard American Car & Foundry
BUILDER DATE:	1959-1962
CAPACITY:	154,000 LBS
WHEEL TYPE:	33 inch one wear (301,303-309,311,316,318-320,325,327-330) 33 inch two wear (310,315,317,321-322,324) 33 inch multiple wear (302,312-314,323,326)
JOURNALS:	5 1/2 x 11 inch friction (301-302,305,307-309,319-320,326,328) 5 1/2" x 11" roller (all others)
AXLE TYPE:	RWS (301,310-312,315-317,322,324-327,329) BC (All others)
TRUCK TYPE:	Barber (303,306,310-312,316) Ride Control (All others)
TRUCK SPRINGS:	D-5
COUPLER TYPE:	E50 (301) BE60CHT (320-321,324) E60CHT (303,314,329) E60 (All others)
YOKE:	Y40
AIR BRAKE:	ABD (318) AB (All others)
DOORS:	Latch type

# BALLAST SERVICE HOPPER CAR



ROAD NUMBERS: 346-365



# SPECIFICATIONS

HOPPER CARS 346-365

CLASS: HTA

BUILDER: FMC Corporation

BULDER DATE: October, 1966

CAPACITY: 195,000 LBS

WHEEL TYPE: 36 inch one wear

JOURNALS: 6 1/2 inch x 12 inch roller

AXLE TYPE: RWS

TRUCK TYPE: Barber type S2  
Ride Control (350 only)

TRUCK SPRINGS: D-5

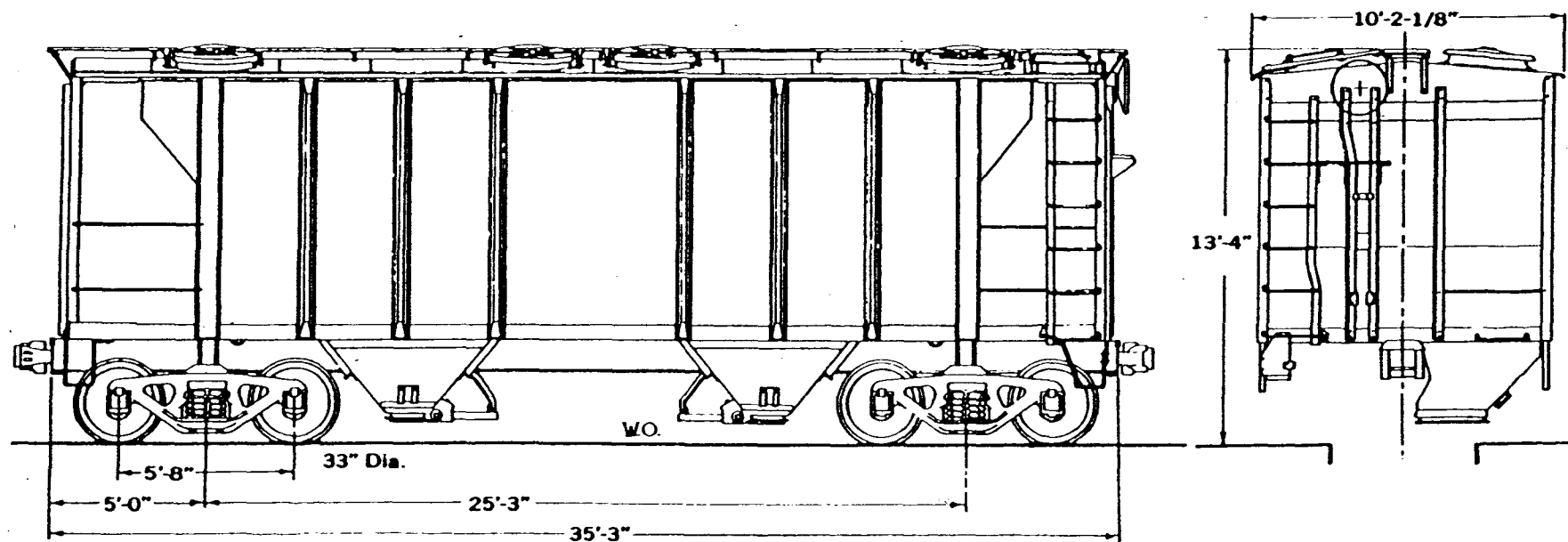
COUPLER TYPE: E50 (356-357)  
BE60AHT (358)  
E60 (all others)

YOKE: Y40

AIR BRAKE: ABD

DOORS: Enterprise

# COVERED HOPPER CAR



ROAD NUMBERS: 390-391

# SPECIFICATIONS

COVERED SAND HOPPER CARS 390-391

CLASS: H34A

BUILDER: Pullman-Standard

BUILDER DATE: 1958 (390)  
1955 (391)

CAPACITY: 154,000 LBS.

WHEEL TYPE: 33 inch one wear

JOURNALS: 5 1/2 inch x 11 inch friction

AXLE TYPE: BC

TRUCK TYPE: Ride Control

TRUCK SPRINGS: D5 (390)  
D3 (391)

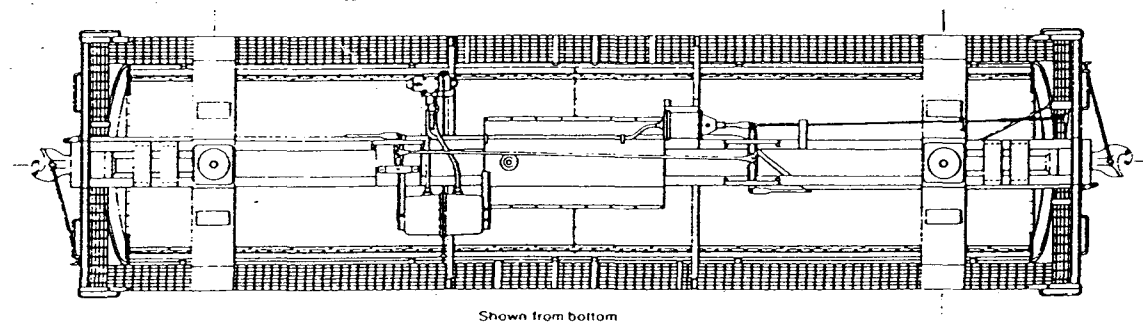
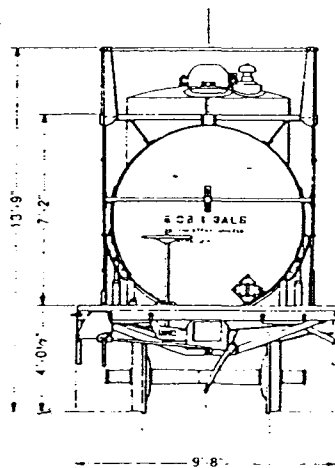
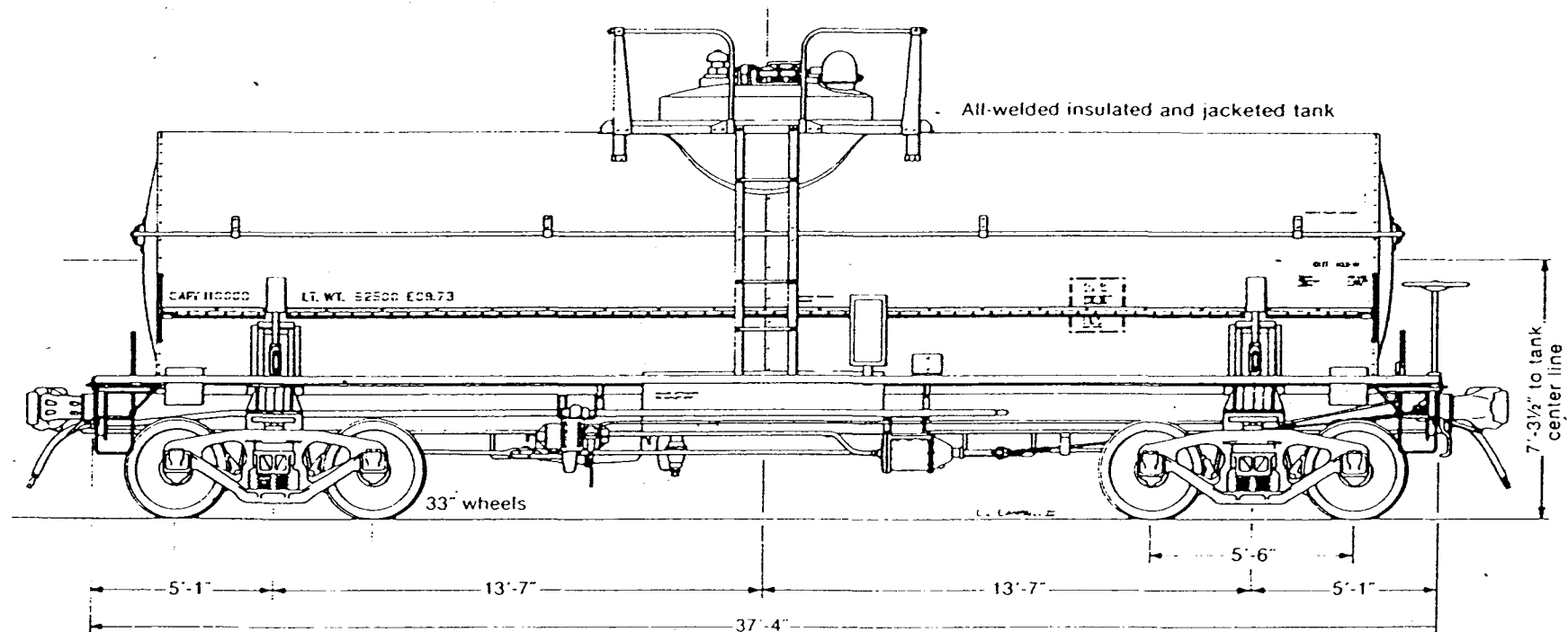
COUPLER TYPE: E60

YOKE: Y40

AIR BRAKE: AB

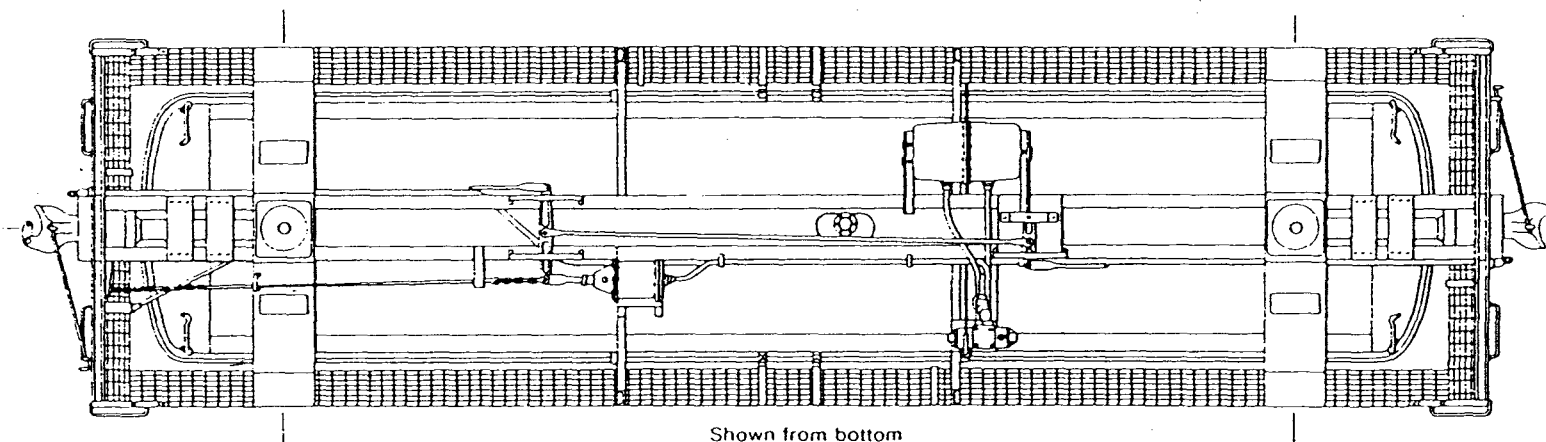
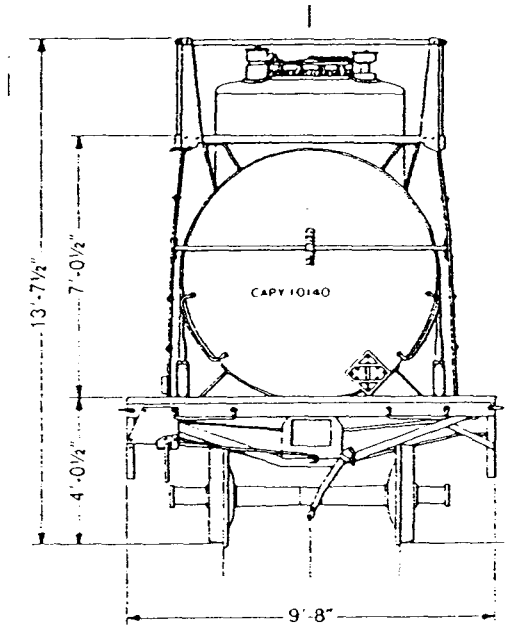
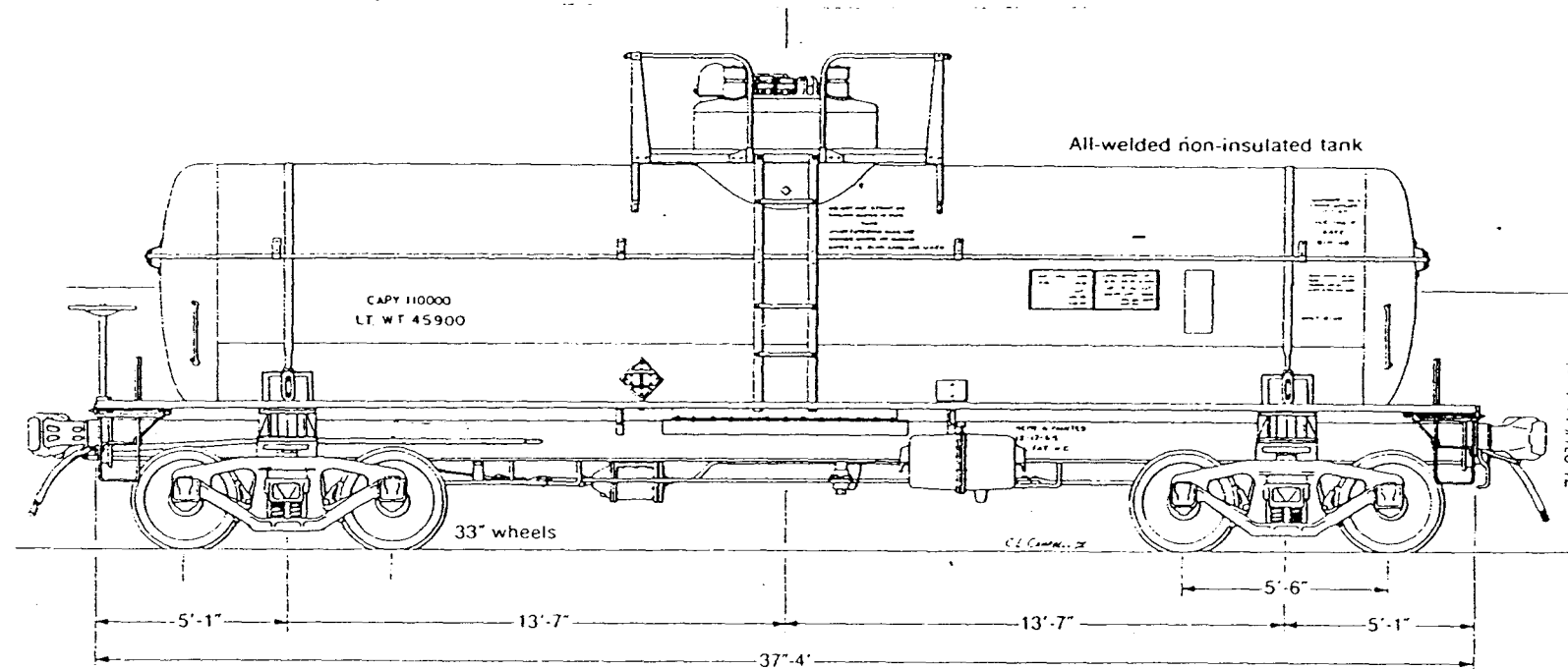
DOORS: Sliding type

# FIRE SERVICE TANK CAR



**ROAD NUMBER: 602**

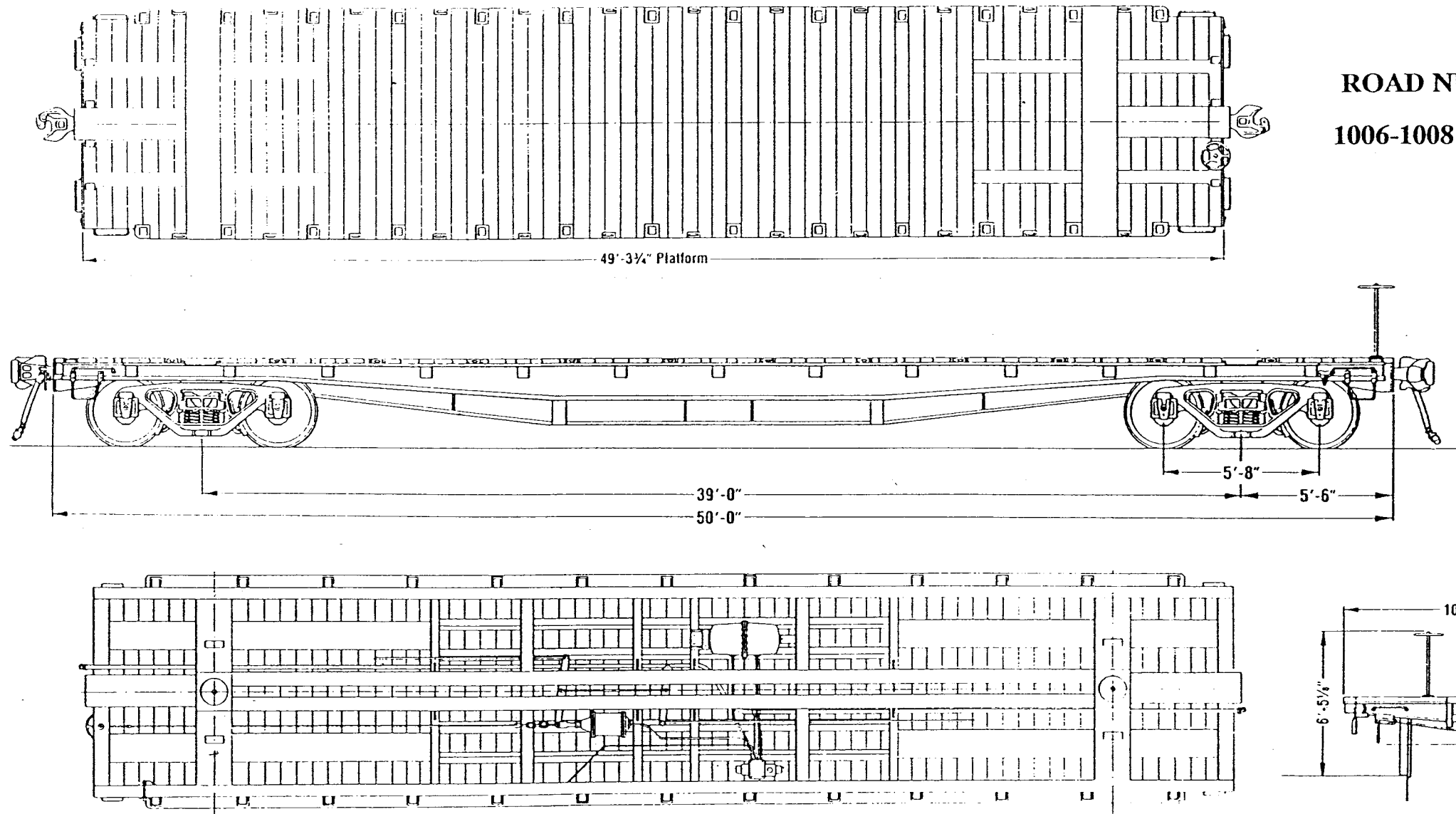
# GENERAL SERVICE TANK CAR



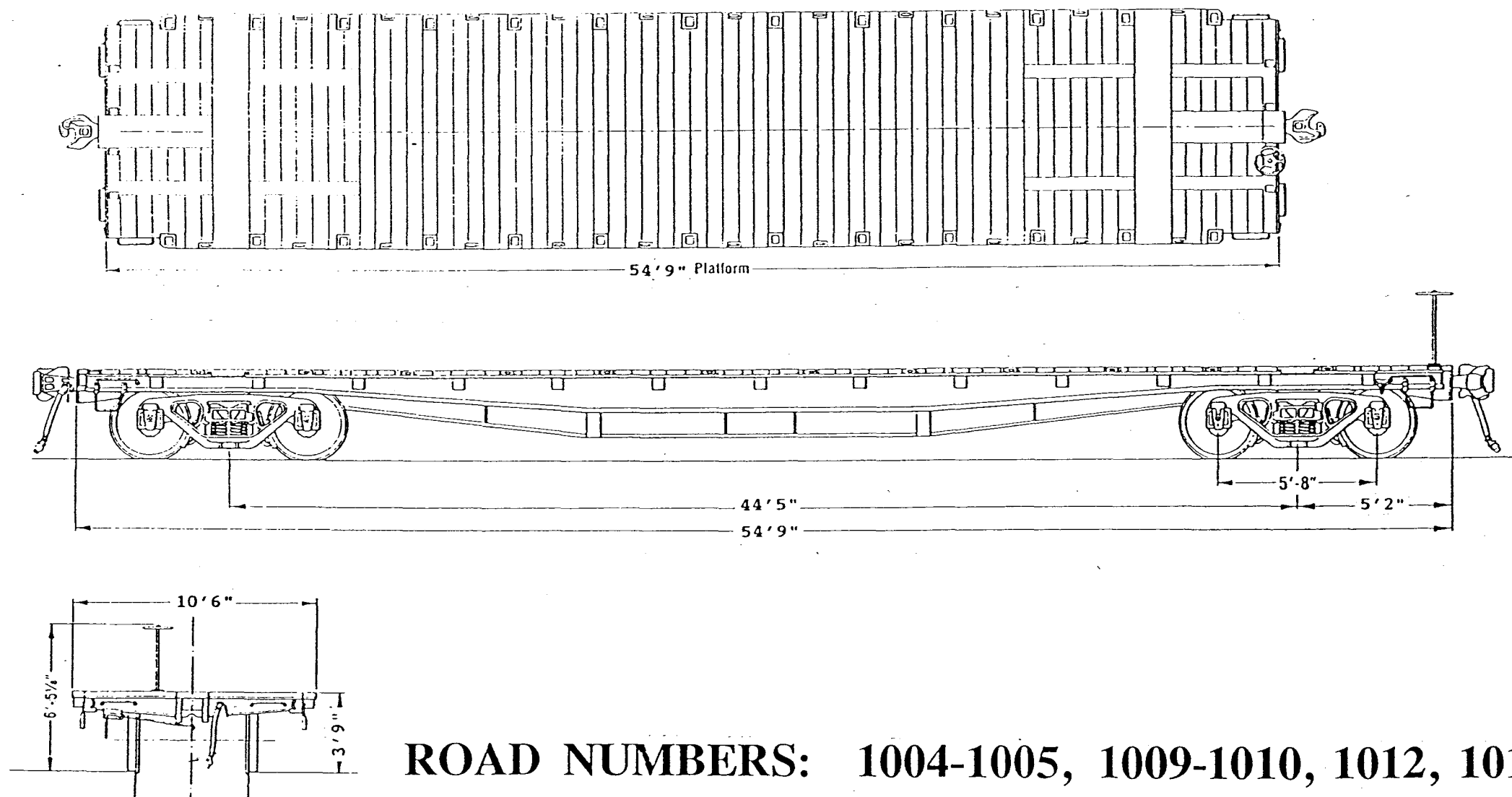
**ROAD NUMBERS:**  
**603-608**

# GENERAL SERVICE FLAT CAR

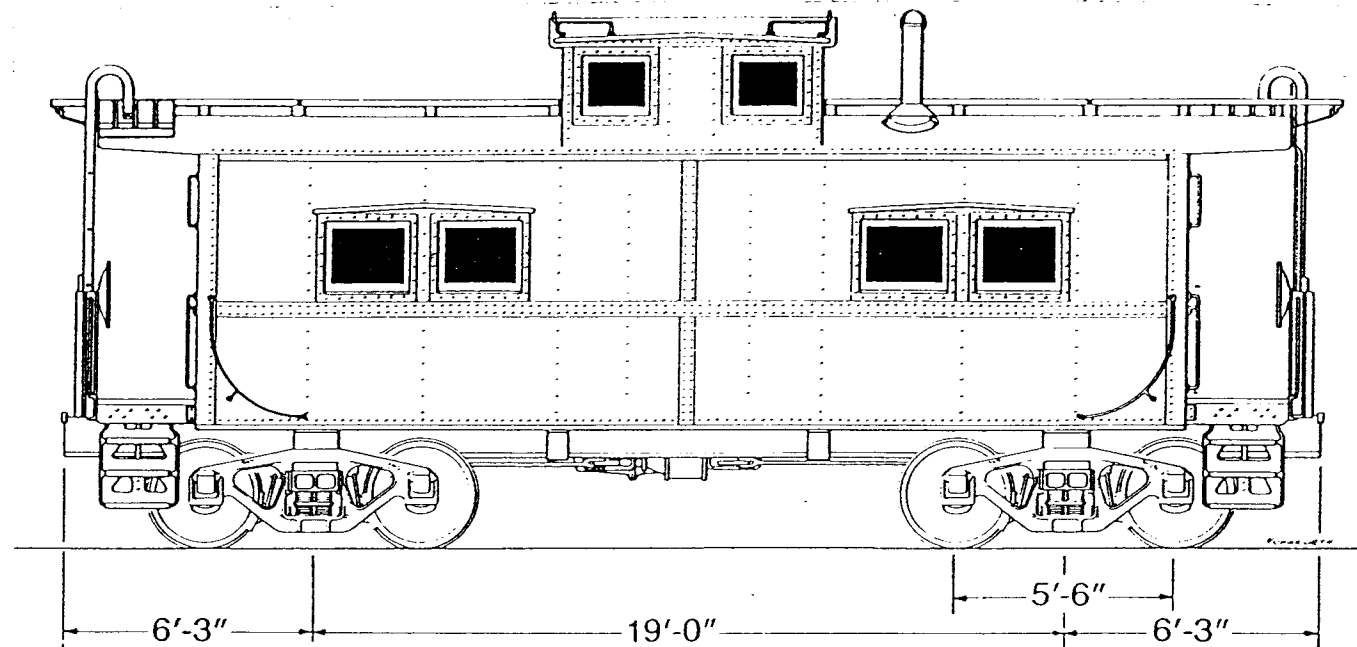
ROAD NUMBERS:  
1006-1008, 1013, 1024



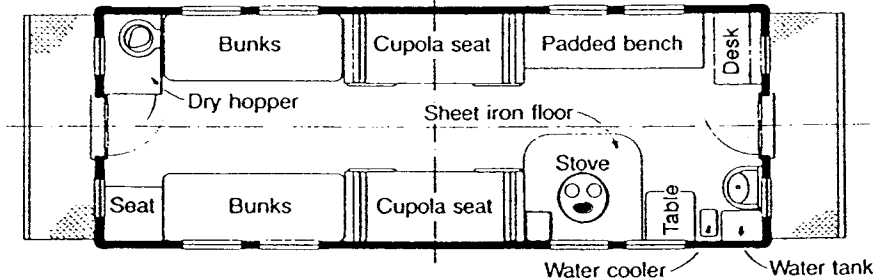
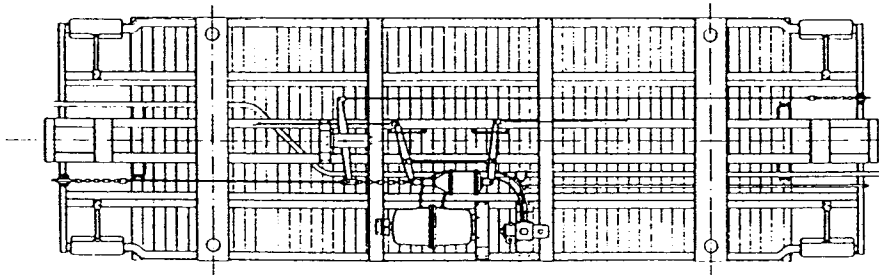
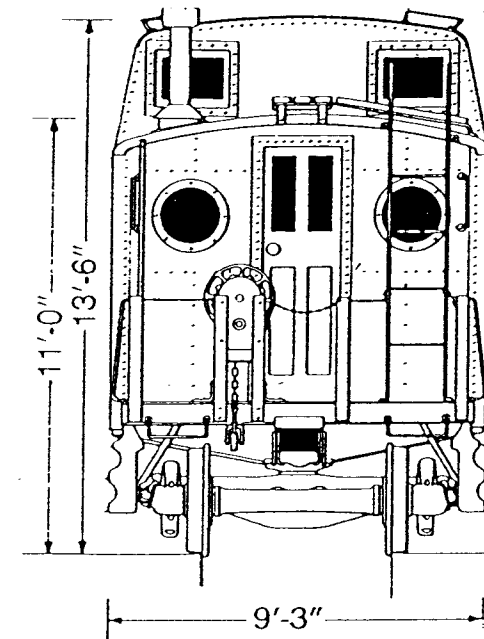
# GENERAL SERVICE FLAT CAR



# STEEL CABOOSE



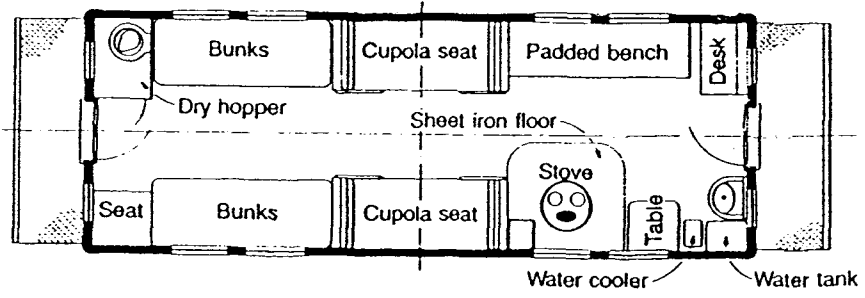
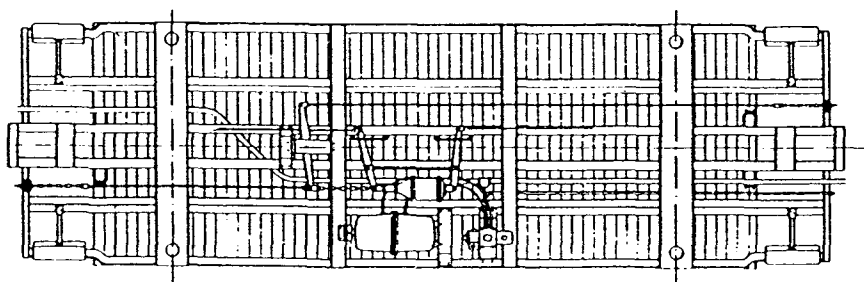
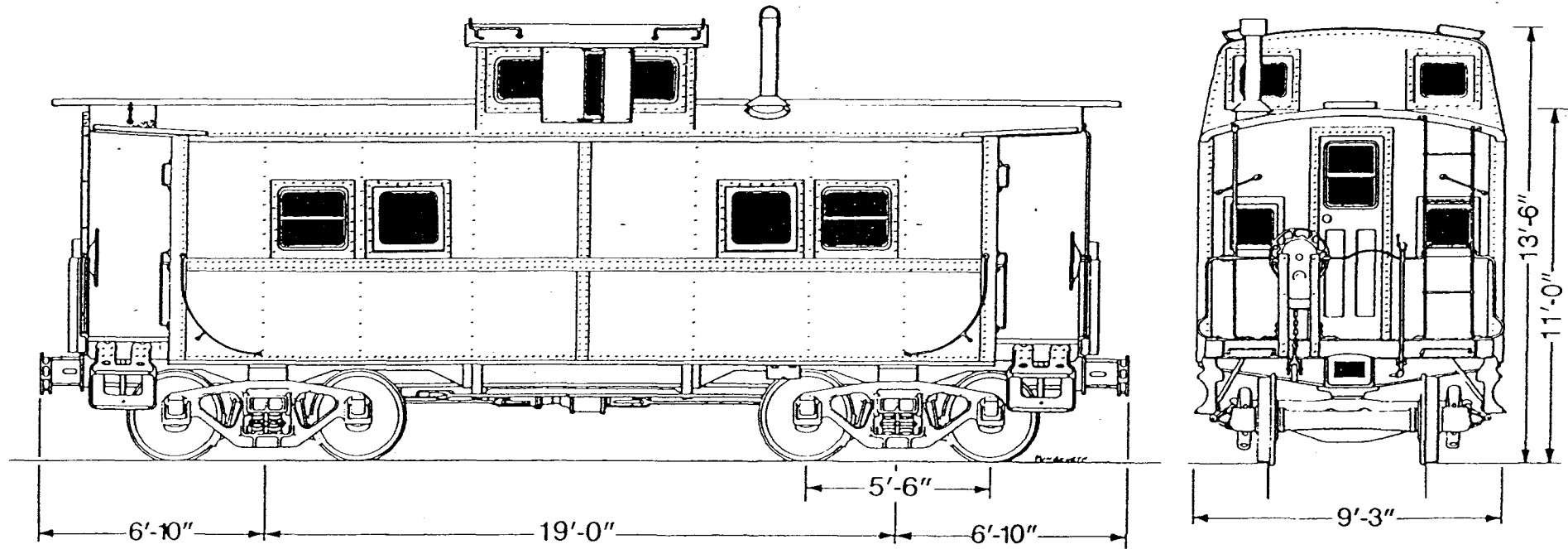
End view



ROAD NUMBERS: 402-403

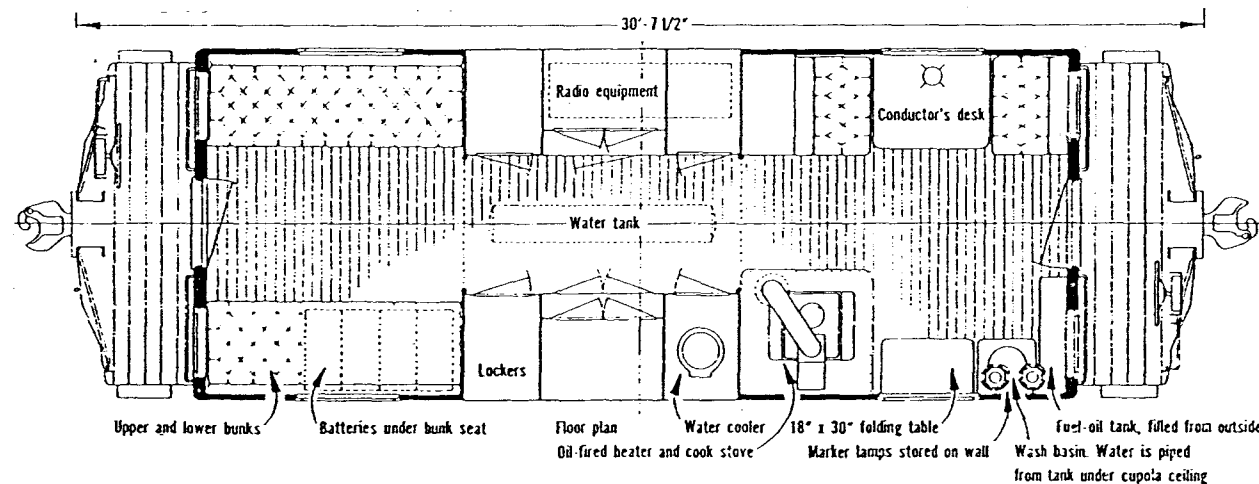
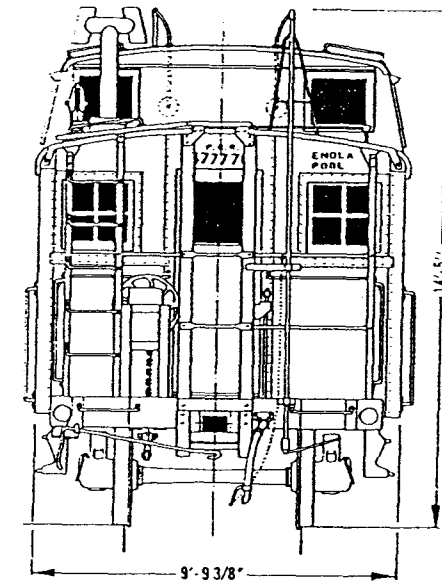
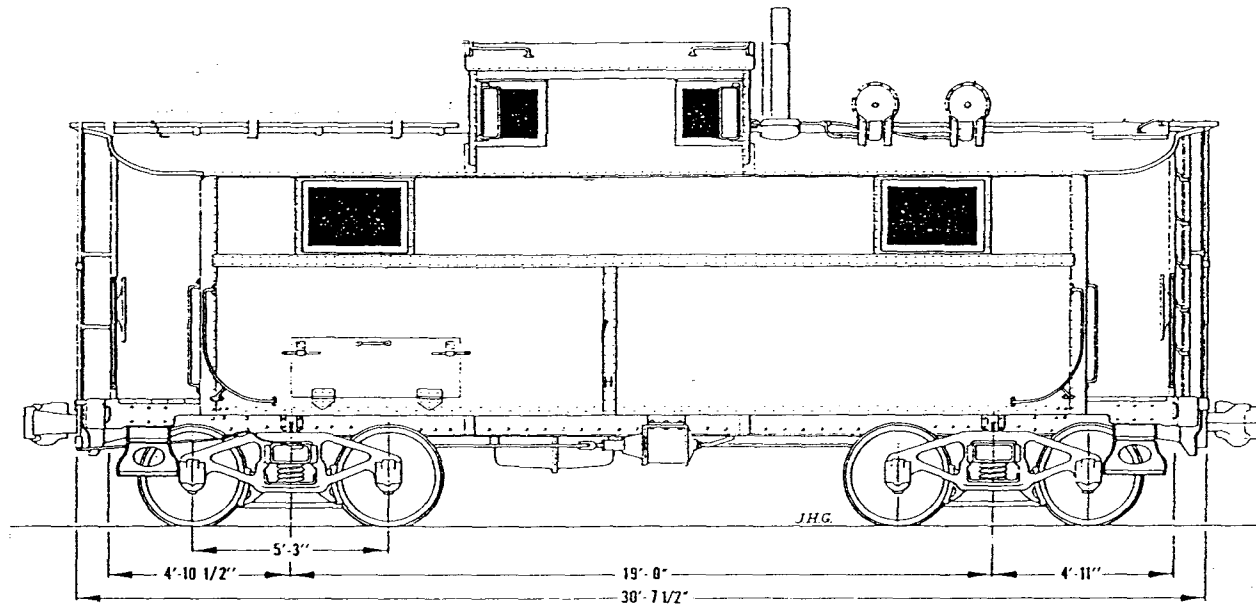


# STEEL CABOOSE



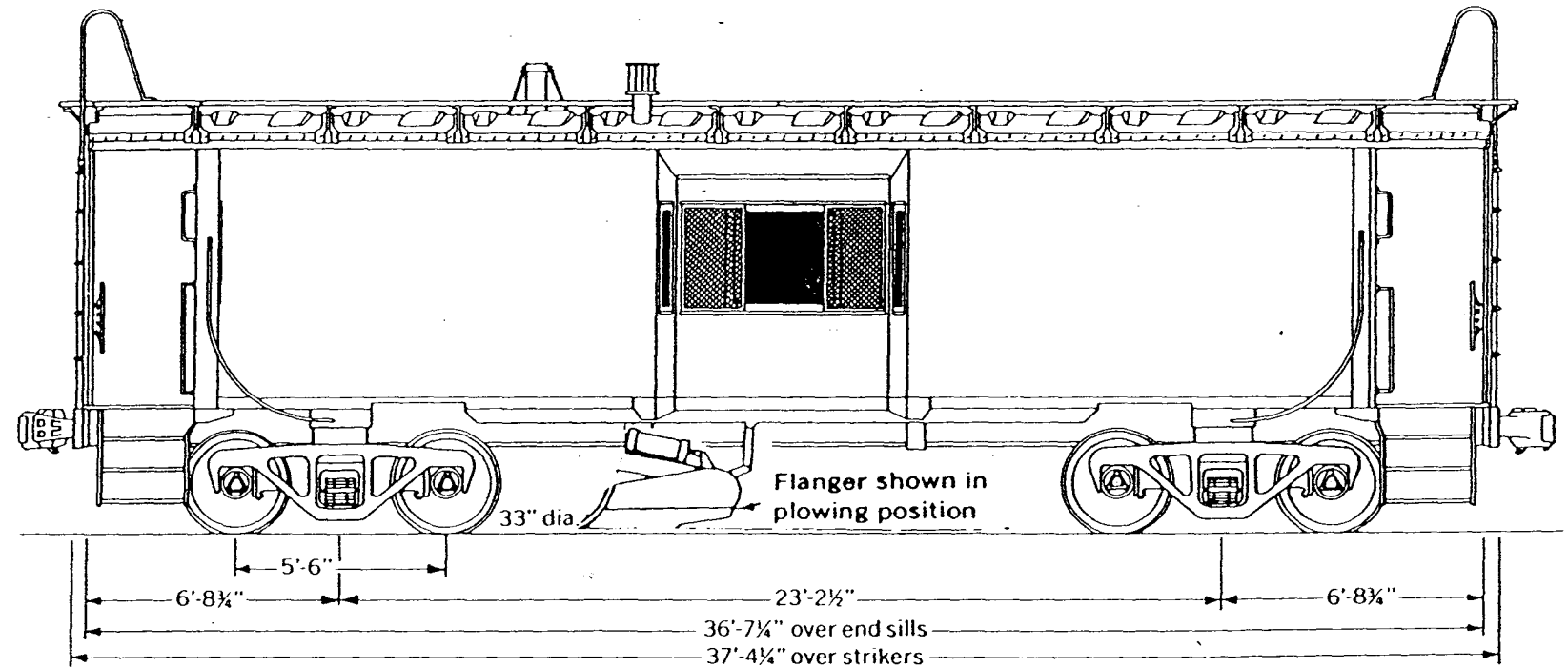
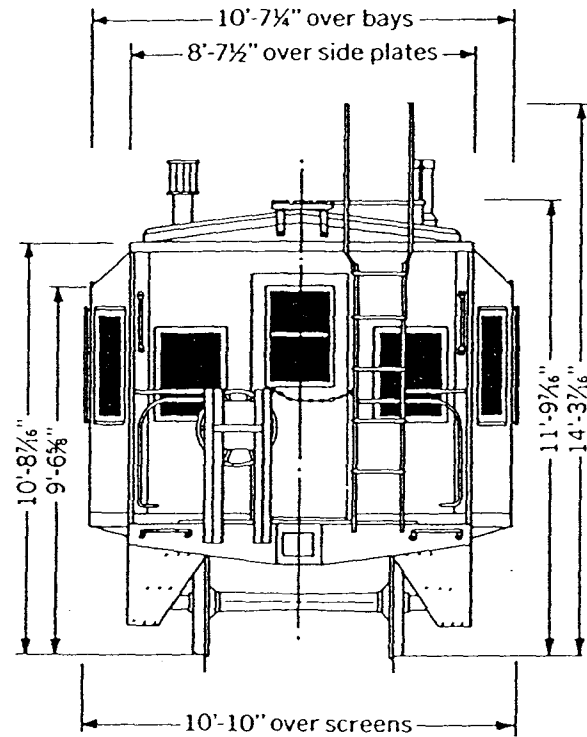
ROAD NUMBERS: 404-405

# STEEL CABOOSE



ROAD NUMBERS: 406-407

# SNOW FLANGER CAR



ROAD NUMBERS: 400-401