

MELBOURNE & METROPOLITAN TRAMWAYS BOARD

ELECTRIC TRAMCARS

Amended 24-3-24

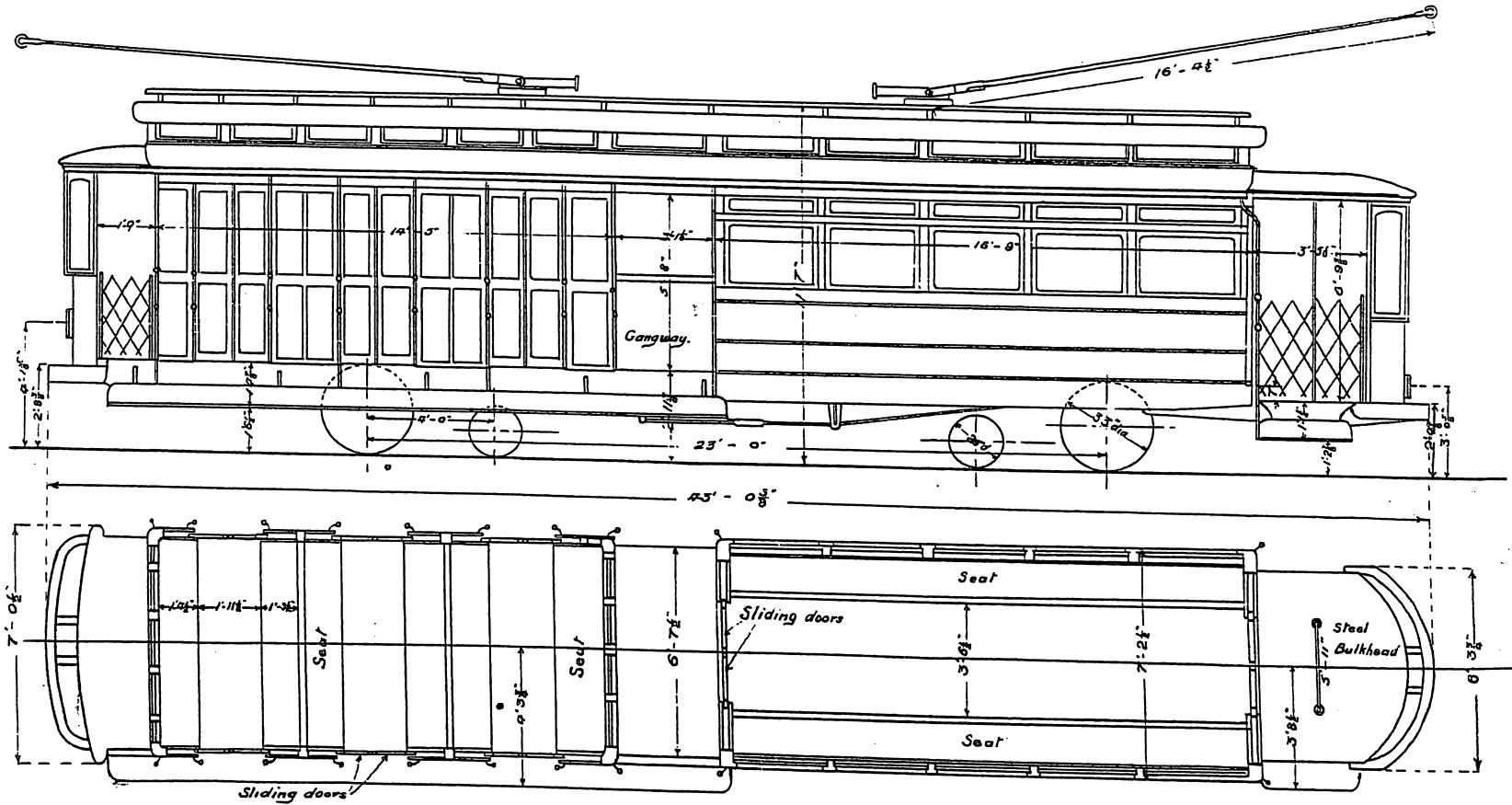
	CAR NO	TYPE OF BODY	SEATING CAPACITY	TRUCK	WHEEL BASE	MOTORS	HORSE POWER	TARE TONS	CONTROLLERS	COMPRESSORS
A	1-10	COMB.	36	21 E.	6'-6"	M.H.205	2-33	11.850	N.H.T.F.	D.H.10
A	11	"	"	"	"	M.H.205	2-33	"	"	"
A	12-20	"	"	"	"	M.H.205	2-33	"	N.H.T.F.	"
B	21-24	"	"	"	"	G.E.202	2-50	11.975	G.E.230	"
C	25-35	DROP C	56	MAX. 7"	4'-0"	G.E.201	2-65	17.264	N.H.T.F.	"
D	36	"	48	"	"	"	"	17.097	G.E.230	D.H.16
E	37-45	"	56	"	"	"	"	17.069	"	"
F	46-47	SUMMER STRAIGHTS COMB.	50	21 E.	6'-6"	M.H.205	2-33	11.320	N.H.T.F.	D.H.10
G	48-53	5' SILL	34	"	"	U 140	2-44	11.568	A.E.G.	"
H	54-63	"	36	"	"	U 140 G.E.202/203	"	11.850	A.E.G.	"
J	64	"	"	"	"	M.H.225	2-53	12.007	N.H.T.F.	"
J	65-83	"	"	"	"	M.H.225	2-53	"	N.H.T.F.	"
B	84-91	"	"	"	"	G.E.202	2-50	"	G.E.230	"
K	92-93	"	34	"	"	"	"	12.881	G.E.230	"
K	94	"	"	"	"	G.E.202	2-50	"	"	"
K	95-100	"	"	"	"	G.E.202	2-50	"	"	"
L	101-106	A MOTOR	56	77 E.	5'-1 1/2"	G.E.241	4-40	19.077	A.35 A.A.2 (106 P.G.G.)	D.H.10 C.P.25
M	107-116	COMB.	38	21 E.	7'-6"	M.H.225	2-53	11.995	N.H.T.F.	C.P.27
N	117-126	DROP C	52	MAX. 7"	4'-0"	G.E.201	2-65	17.827	N.H.T.F.	C.P.25
O	127-130	CLOSED BOGIE	49	"	"	G.E.201	2-50	16.297	G.E.230	C.P.27
P	131-138	DROP C	52	"	"	G.E.201	2-65	17.827	G.E.36J	"
Q	139-150	COMB. 5' SILL	36	21 E.	7'-6"	G.E.203	2-50	13.027	G.E.36J	"
R	151-153	"	"	"	"	"	"	12.562	G.E.36J	C.P.25
S*	154-171	"	44	"	7'-0"	G.E.241	2-55	13.081	A.36 J	"
R	172-176	"	36	"	7'-6"	G.E.203	2-50	12.562	"	"
T*	177-182	DOUBLE 3' COMB.	38	RADIAX	12'-0"	G.E.241	2-55	13.034	"	C.P.25
M O	183-189	COMB.	38	21 E.	7'-6"	G.E.203	2-50	11.995	K.36 J.	"
Q	190-201	COMB. 5' SILL	36	SEWELL	7'-6"	M.V.1015	2-50	13.027	"	"
U	202-211	BOX CAR	32	21 E.	7'-0"	G.E.67	2-45	12.000	G.E.K.10	"
V	212-216	OPEN CAR	50	21 E.	7'-0"	"	2-45	10.325	"	HAND BRAKE
W	217-218	DROP C	52	EQUAL TRACTION	5'-3"	M.V.101	4-40	16.00	A.35 J.J.	HAND BRAKE
W	219-223	"	52	"	5'-3"	BTH 265A D.K.32	4-40	"	"	C.P.27
X	217-218	SAFETY	33	BRILL 10 E	8'-0"	G.E.241	2-25	7.19	G.E.230	C.P.27
CABLE	1-532	DUMMY	20	FIXED	4'-6"	N.H.510	"	"	G.E.230	C.P.25
"	538 CARS	STANDARD	22	"	6'-0"	"	"	2.863	"	HAND BRAKE
"	63 "	BOGIE	34	BOGIE	4'-0"	"	"	2.488	"	"
"								4.4		

- NEW CARS
- * COBURG CARS
- HANTHORN
- FOOTSCRAY

GENERAL DATA OF TRAM CARS

MELBOURNE & METROPOLITAN TRAMWAYS BOARD			
<i>P.P. Harris</i>			
Date	A.S.F. 73 CHIEF ENGINEER		
DRAWN	TRACED	CHECKED	PASSED
J.M.	J.M.	A.S.	<i>[Signature]</i>
SCALE			IR 1146

PRAHRAN AND MALVERN TRAMWAYS TRUST.

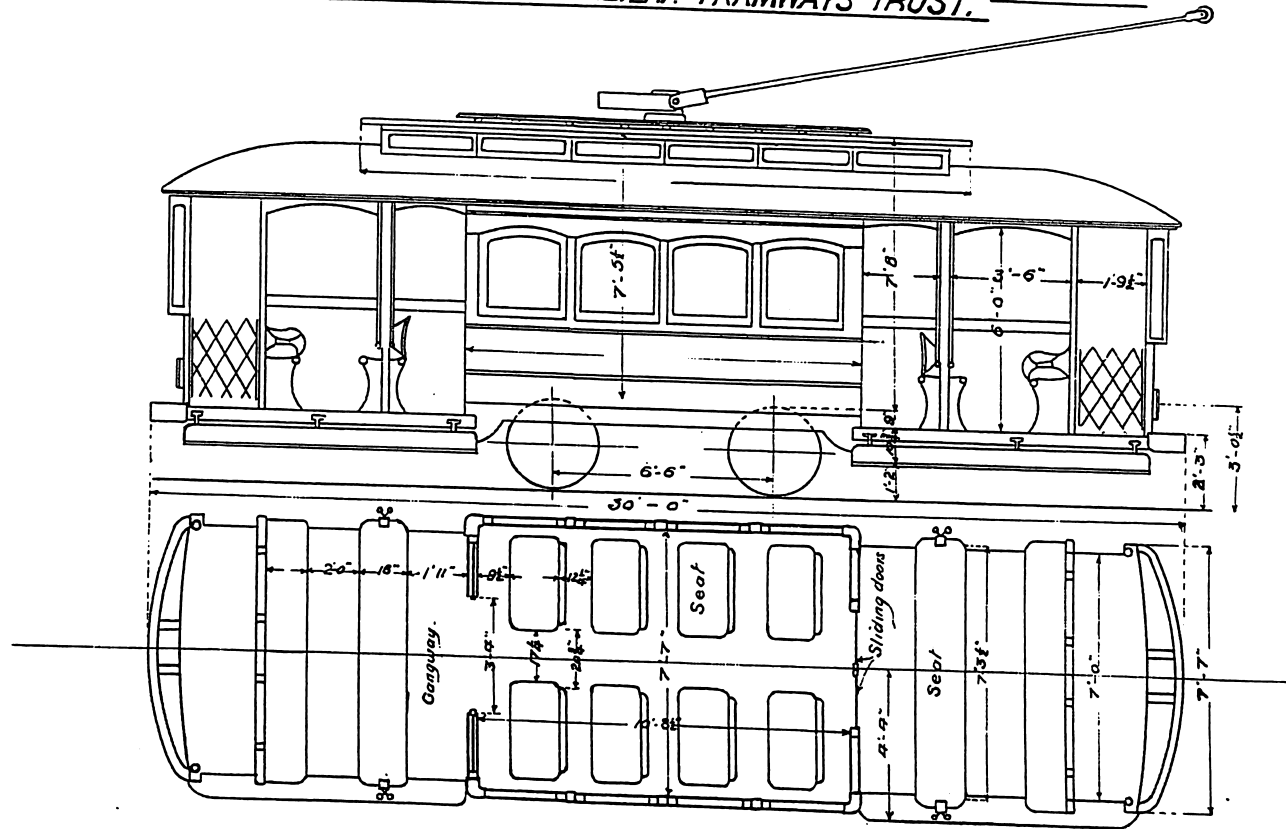


DWG No 160.

— BOGIE CLOSED CAR —

Scale $\frac{1}{4}$ " to 1 foot.

PRAHRAN AND MALVERN TRAMWAYS TRUST.



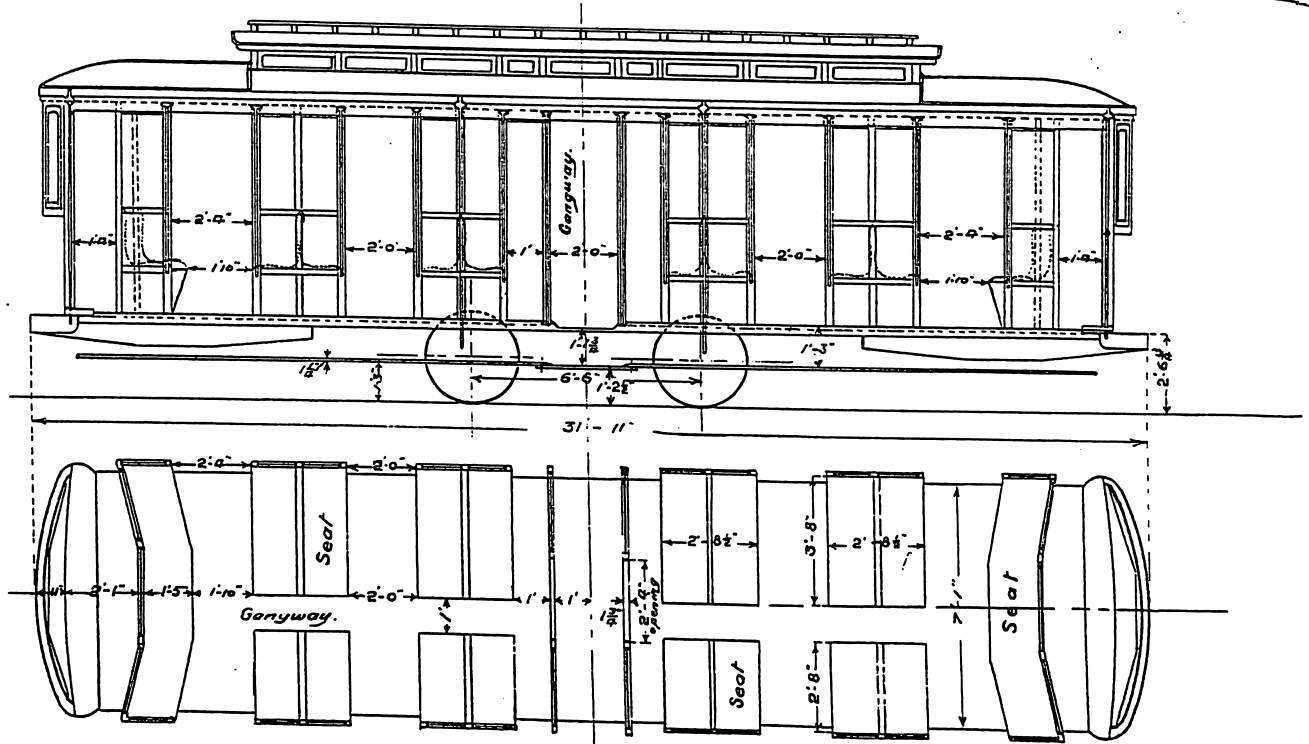
COMBINATION CAR

Scale 1/2" to 1 foot

DWG No 161

— PRAHRAN AND MALVERN TRAMWAYS TRUST —

SUMMER CAR
(OLD TYPE)

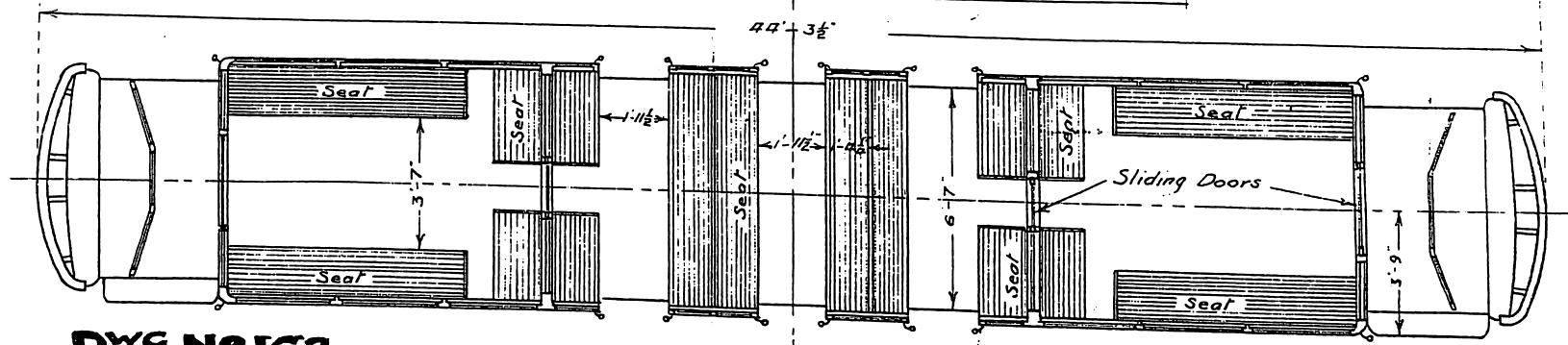
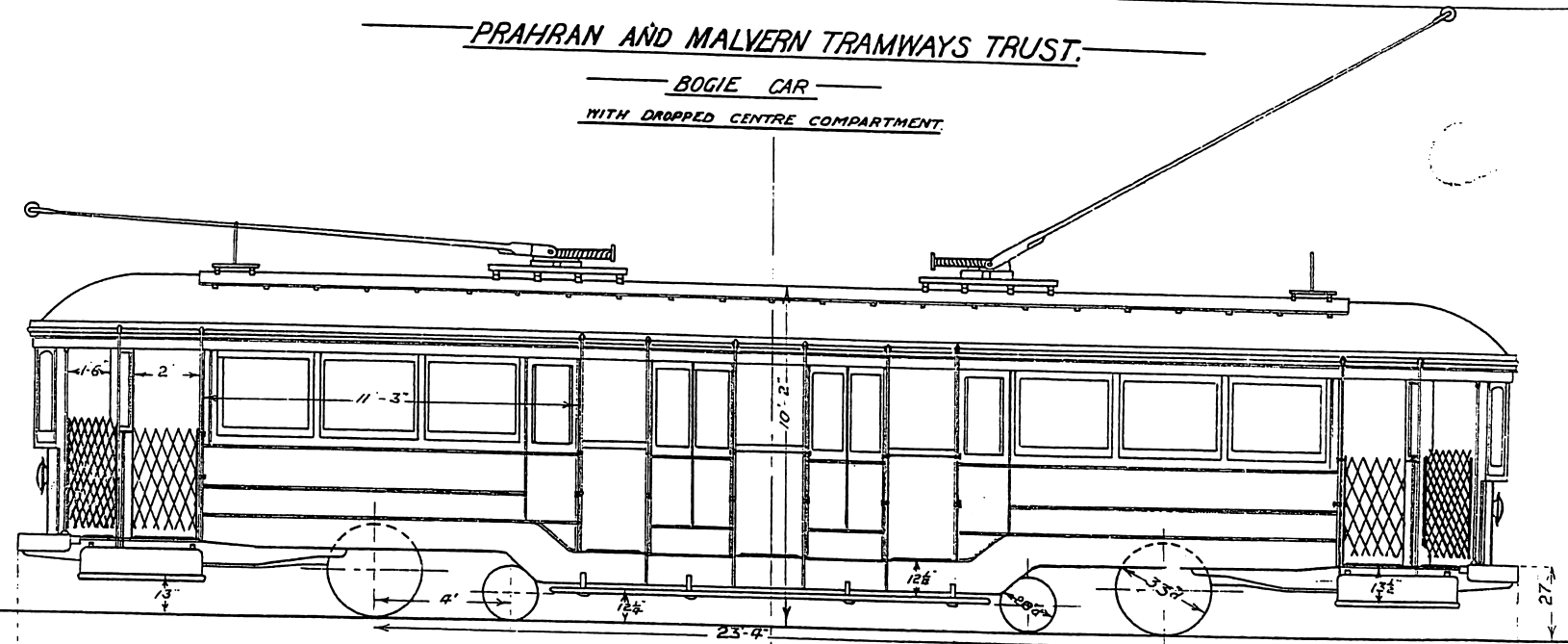


DWG No 162.

— OPEN CAR —

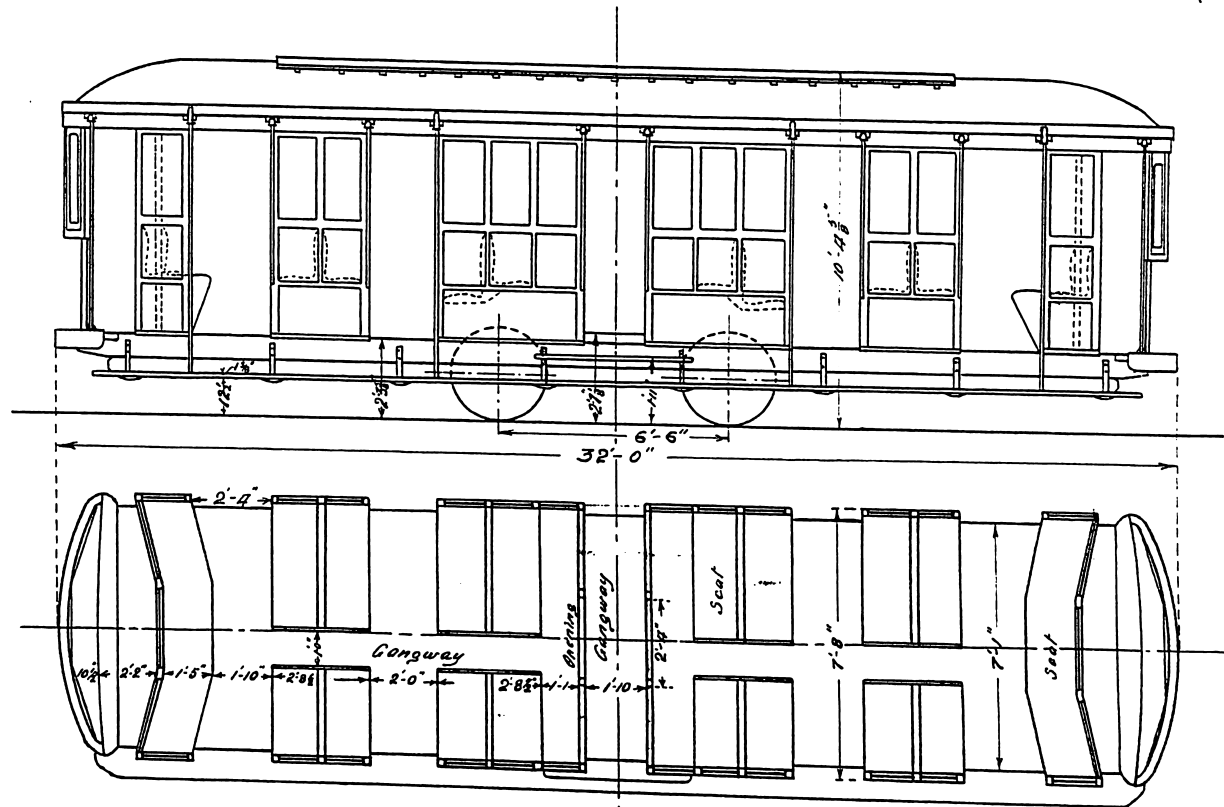
PRAHRAN AND MALVERN TRAMWAYS TRUST.

BOGIE CAR
WITH DROPPED CENTRE COMPARTMENT



DWG No 163.

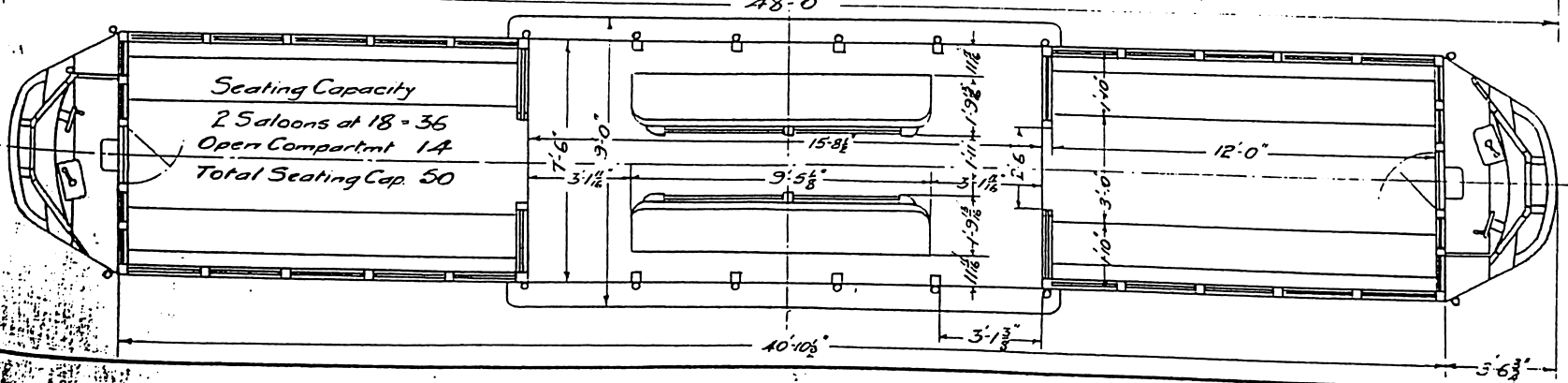
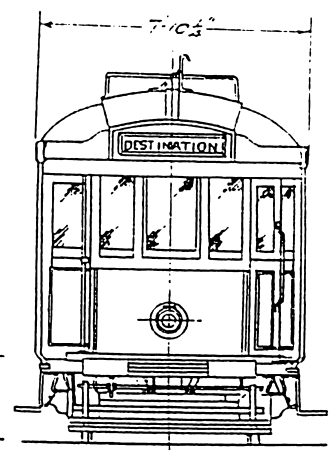
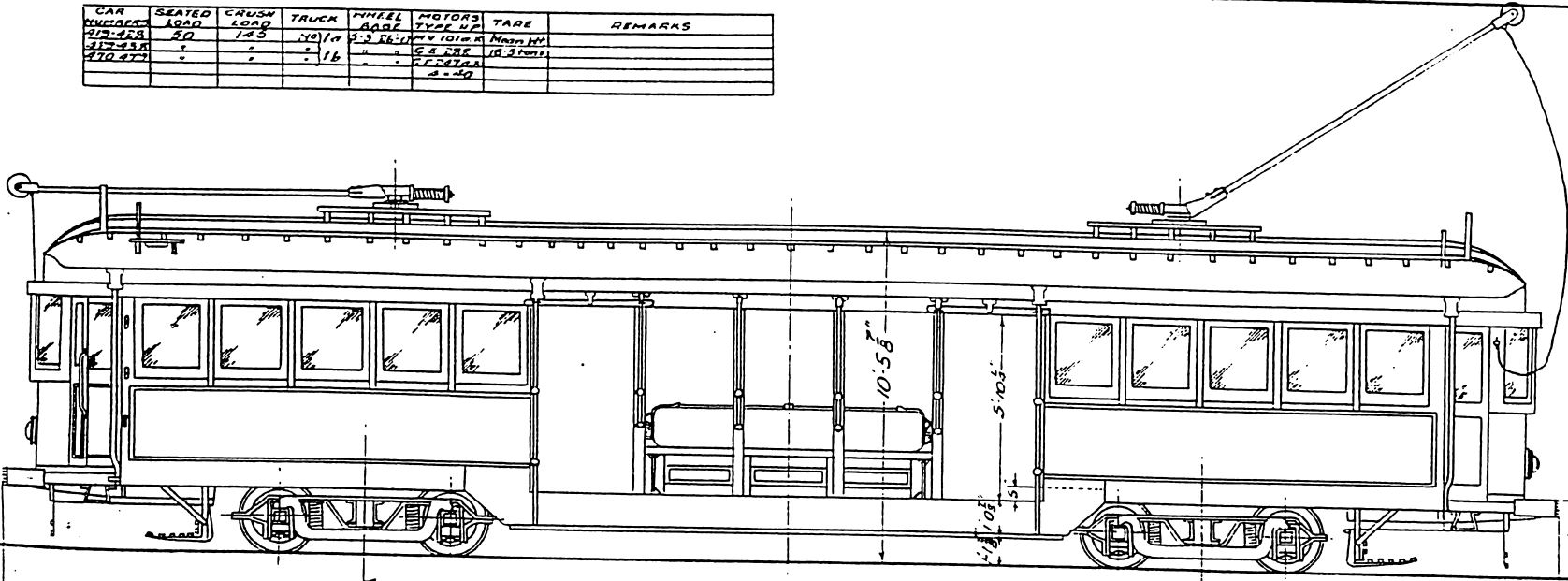
PRAHRAN AND MALVERN TRAMWAYS TRUST



DWG No 164.

SUMMER CAR

CAR NUMBER	SEATED	CRUSH LOAD	TRUCK	WHEEL GAUGE	MOTORS TYPE & HP	TARE	REMARKS
212-458	20	125	70/17	5'-3"	2x10/1000	18.5000	
217-458	"	"	"	"	"	"	
210-477	"	"	"	"	"	"	

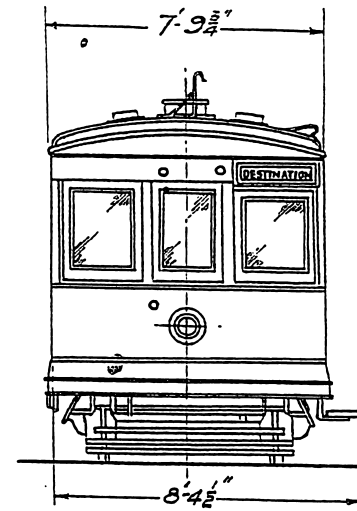
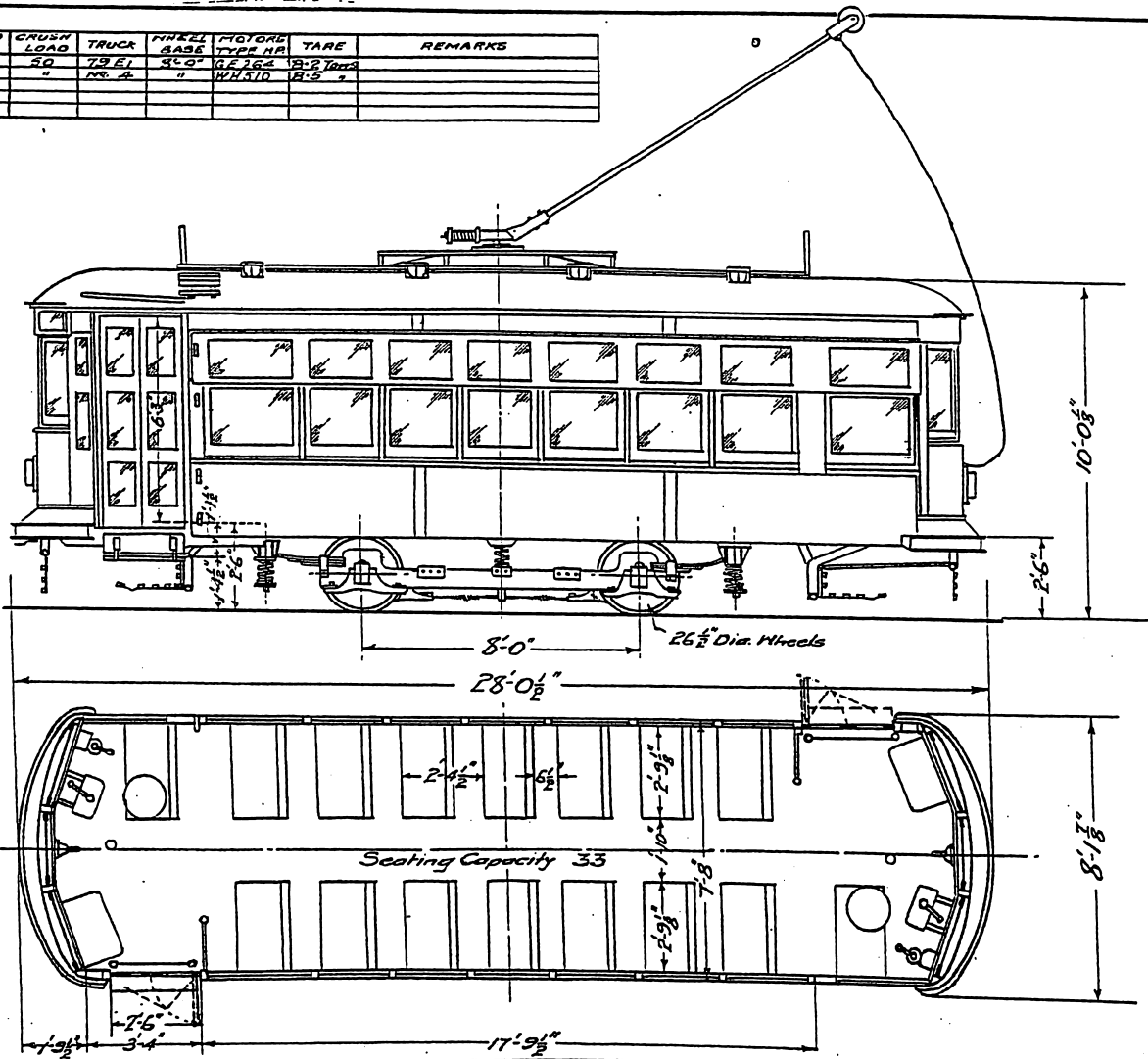


Converted to Class
WZ & SWZ

ORIGIN
CLASS W1

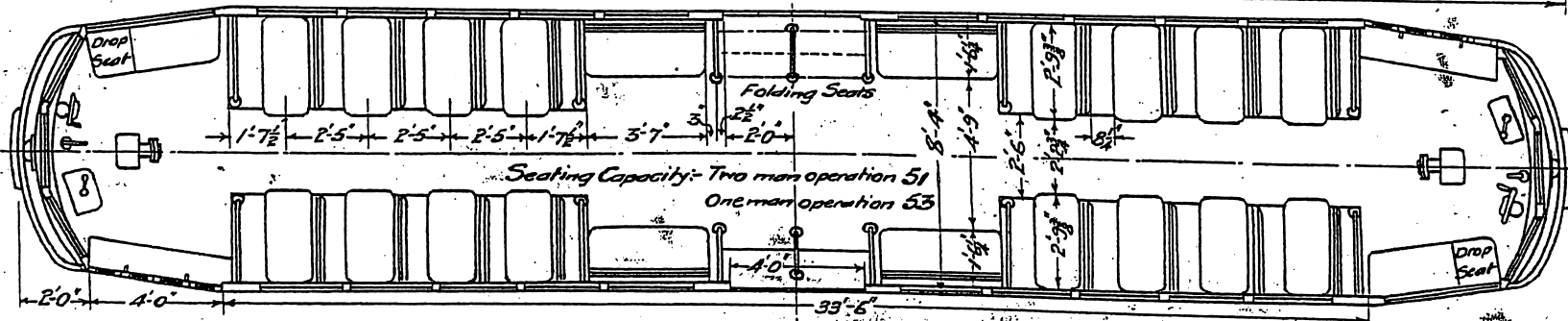
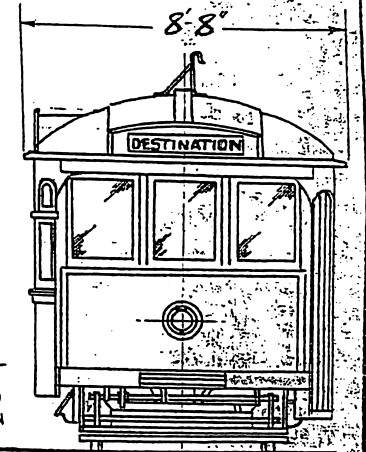
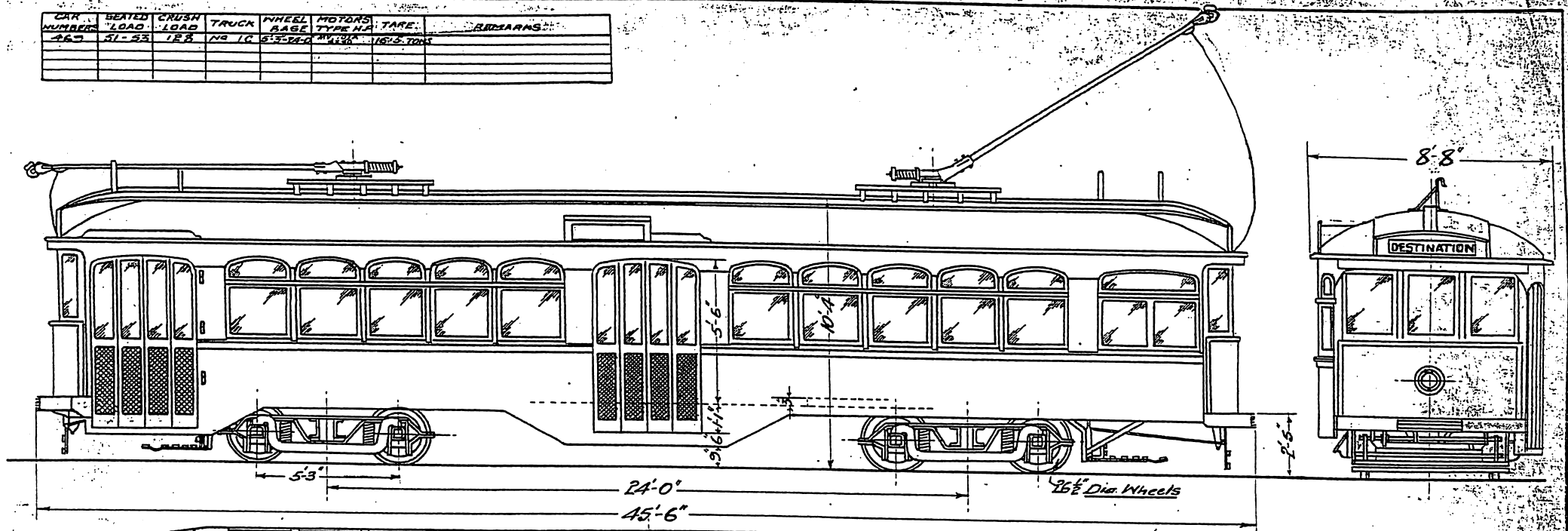
R 2460

CAR NUMBER	SEATED LOAD	CRUSH LOAD	TRUCK	WHEEL BASE	MOTOR TYPE NR.	TARE	REMARKS
PLT	33	50	TR 1	42.0"	GE 764	2-2 TRUCK	
PLR	"	"	NR. 2	"	WH 510	1-5 "	



CLASS X

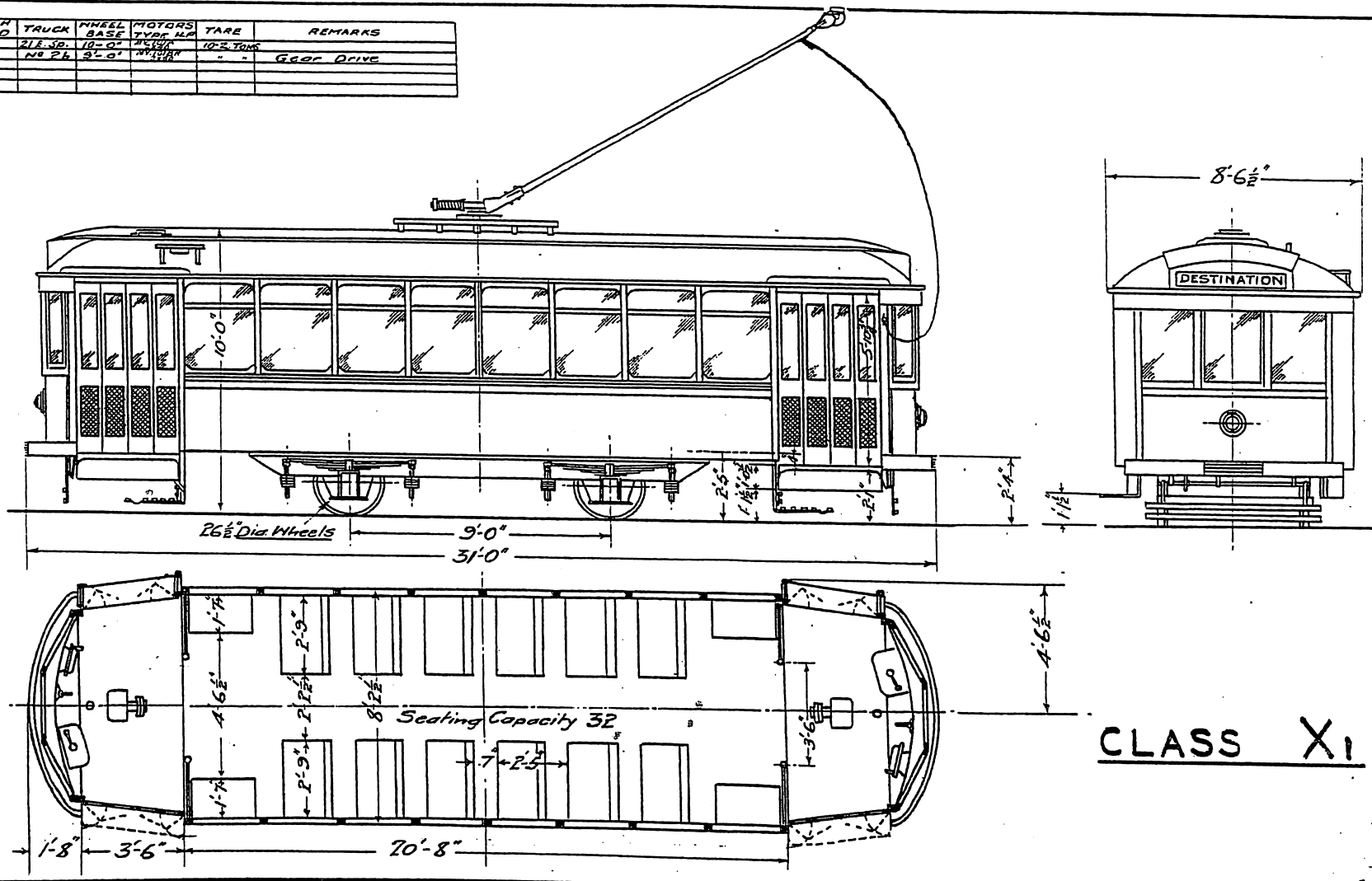
CAR NUMBER	SEATED LOAD	CRUSH LOAD	TRUCK	WHEEL BASE	MOTORS TYPE NO.	TARE	REMARKS
467	51-53	128	NO 10	53'-0"	WALSH	1613 TONS	



CLASS Y

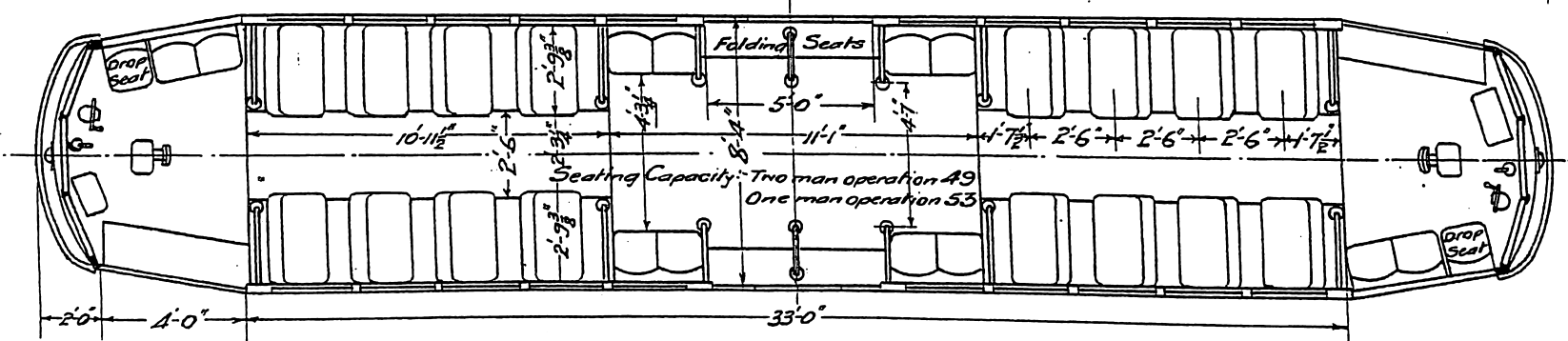
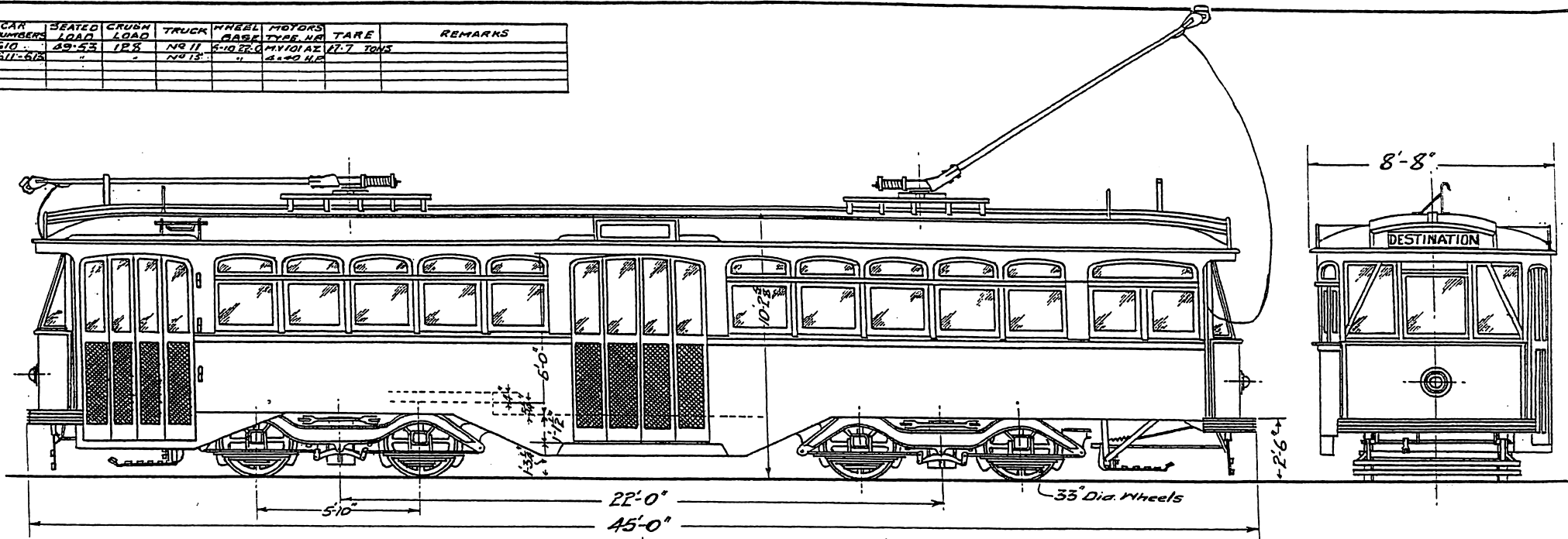
467-54

CAR NUMBERS	SEATED LOAD	CRUSH LOAD	TRUCK	WHEEL BASE	MOTORS TYPE & HP	TARE	REMARKS
459-26A	32	62	21 E. 30.	10'-0"	4x1/2"	10-2 TONS	
551-26A	"	"	NO 24	9'-0"	4x1/2"	"	GEAR DRIVE



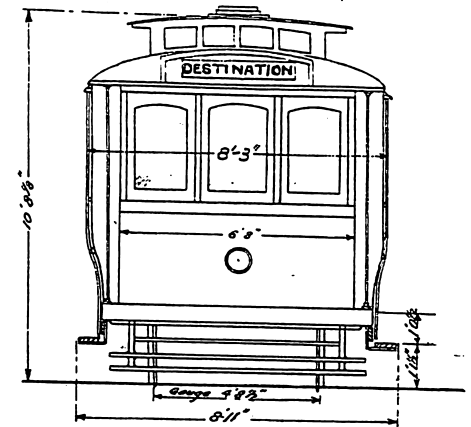
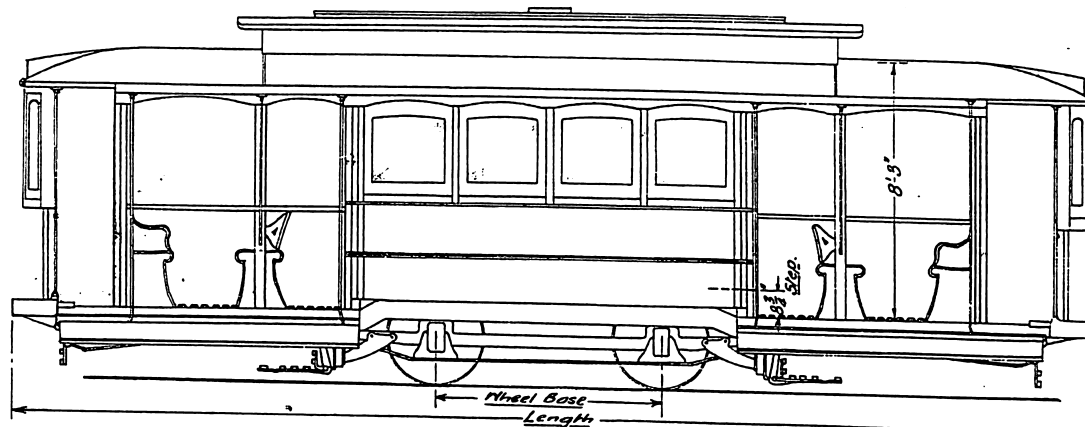
CLASS X1

CAR NUMBERS	SEATED LOAD	CRUSH LOAD	TRUCK	WHEEL BASE	MOYORS TYPE, NR.	TARE	REMARKS
610	69-53	12.5	NO 11	5-10 1/2	PAVIOIAZ	17.7 TONS	
611-612			NO 12	"	2-400 H.P.		



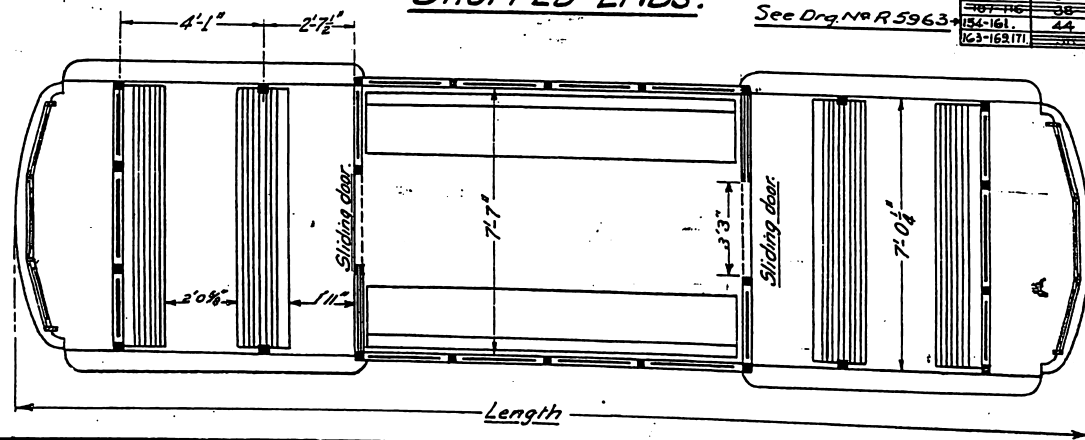
Seating Capacity: Two man operation 49
One man operation 53

CLASS Y1



— COMBINATION CAR —
 — DROPPED ENDS. —

See Dwg. No. R 5963



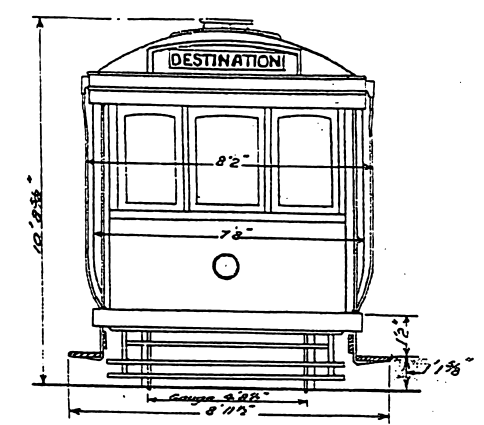
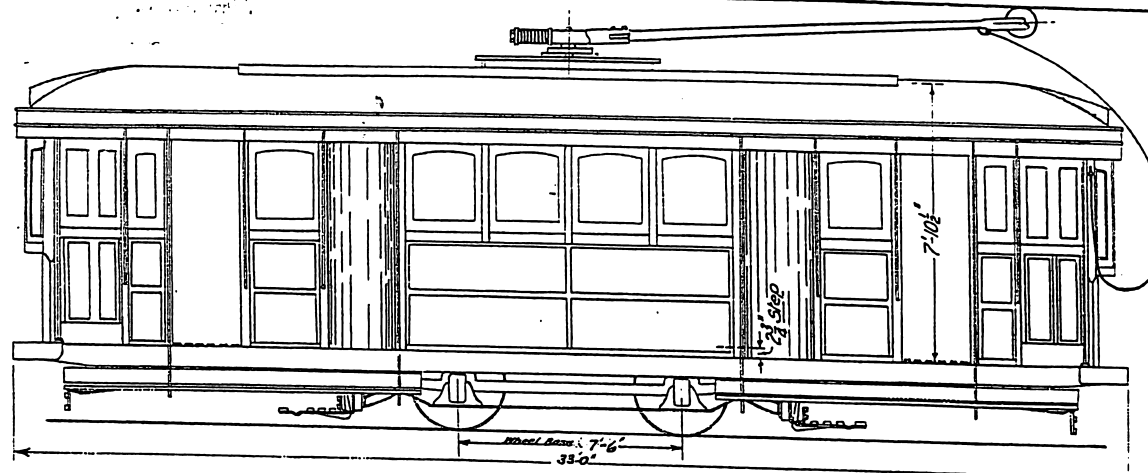
CAR NUMBER	SEATED LOAD	CRUSH LOAD	TRUCK	WHEEL BASE	MOTORS TYPE HP.	TARE	LENGTH	REMARKS
21-24	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
25-28	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
29-32	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
33-36	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
37-40	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
41-44	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
45-48	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
49-52	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
53-56	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
57-60	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
61-64	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
65-68	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
69-72	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
73-76	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
77-80	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
81-84	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
85-88	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
89-92	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
93-96	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
97-100	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
101-104	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
105-108	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
109-112	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
113-116	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
117-120	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
121-124	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
125-128	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
129-132	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
133-136	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
137-140	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
141-144	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
145-148	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
149-152	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
153-156	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
157-160	36	90	B1E	6'-6"	GE 208 2-30 11-00 70HP		30'-11 1/2"	
161-164	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	3/GE 241 Motors replaced with GE 202 2x 50HP
165-168	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
169-172	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
173-176	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
177-180	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
181-184	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
185-188	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
189-192	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
193-196	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
197-200	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
201-204	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
205-208	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
209-212	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
213-216	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
217-220	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
221-224	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
225-228	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
229-232	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
233-236	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
237-240	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
241-244	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
245-248	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
249-252	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
253-256	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
257-260	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
261-264	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
265-268	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
269-272	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
273-276	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
277-280	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
281-284	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
285-288	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
289-292	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
293-296	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	
297-300	44	110	B1E	6'-0"	GE 241 2-30 12-40 70HP		35'-0"	

All above Cars except Nos. 154-161. 163-169. 171.
now out of service.

H.S. 6-9-43.

See Dwg. R-5963 for Cars 154-161. 163-169. 171.

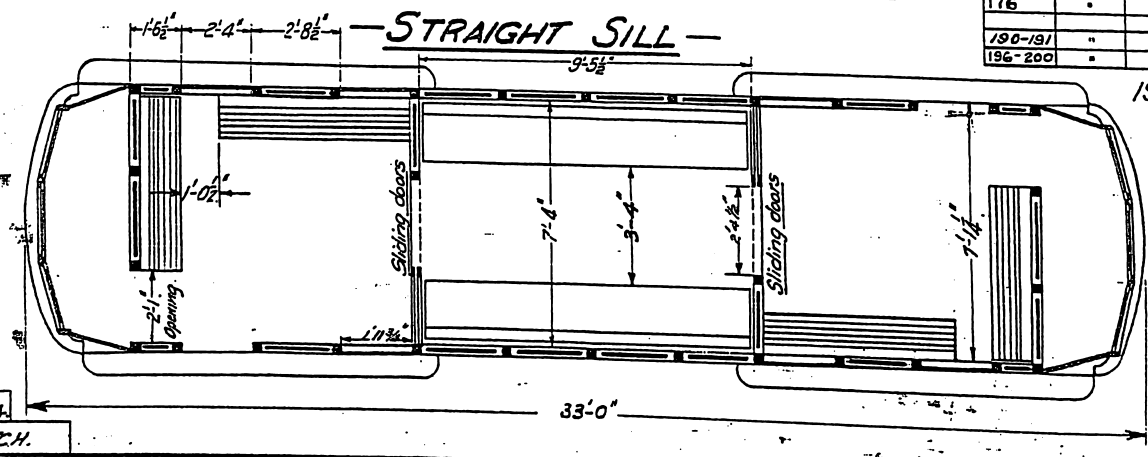
CLASS
A
R3076



SHORT SALOON COMBINATION CAR

CAR NUMBER	SEATED LOAD	CRUSH LOAD	TRUCK	WHEEL BASE	MOTORS TYPE HP	TARE	REMARKS
138-139	28	100	21E.	7'-6"	GE 203 1/2	11.65	
148.	"	"	"	"	GE 203 1/2	11.50	
149-150	"	"	"	"	GE 203 1/2	11.50	
151	"	"	"	"	"	11.50	
176	"	"	"	"	"	11.50	230
190-191	"	"	"	"	MY 102	10.50	
196-200	"	"	"	"	MY 102 1/2	10.50	

— STRAIGHT SILL —

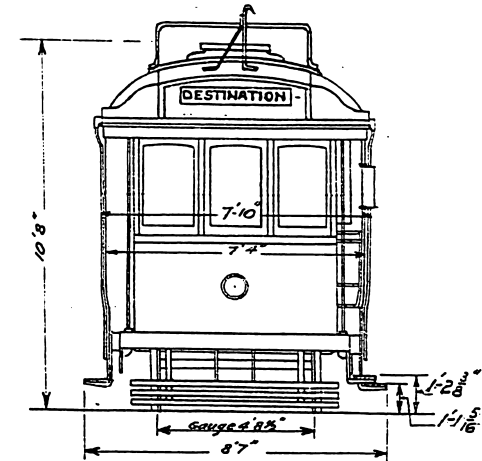
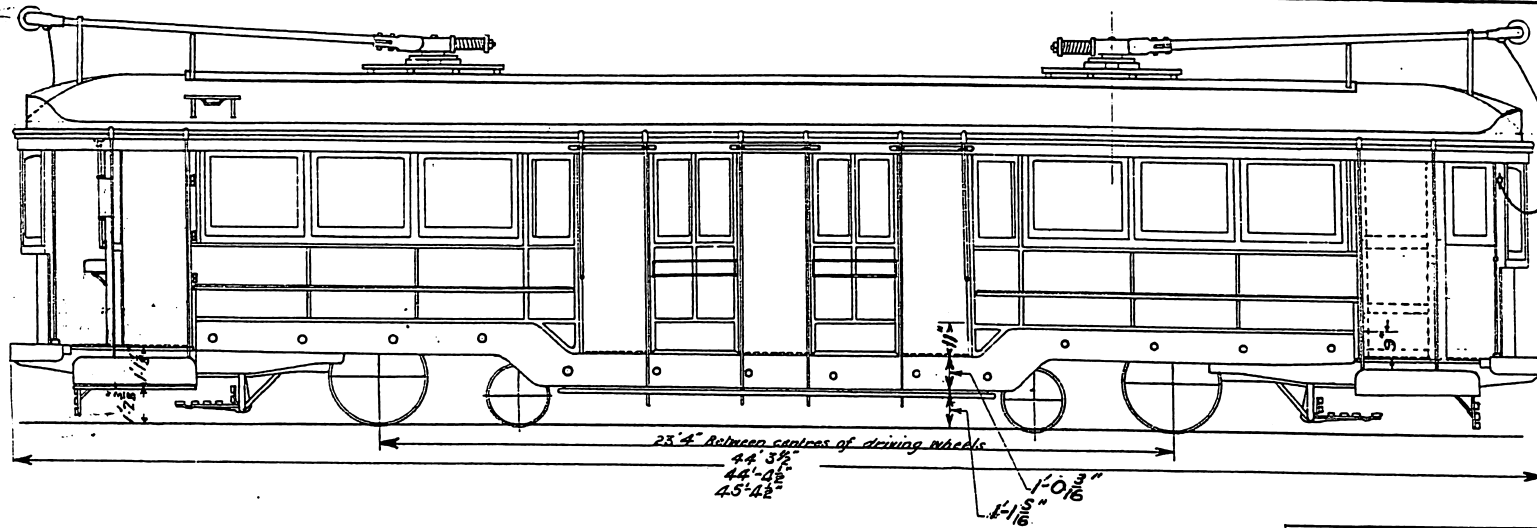


190 Instruction Car Camberwell Depot.
 Converted to One-man Cars
 as shown. 10.9.44. H.S.
 28 Seated passengers.

**CLASS
G**

R 3077

A Car nos. revised. C.N.C. 11-11-54.
 Seating altered. 12.3.45. S.C.H.

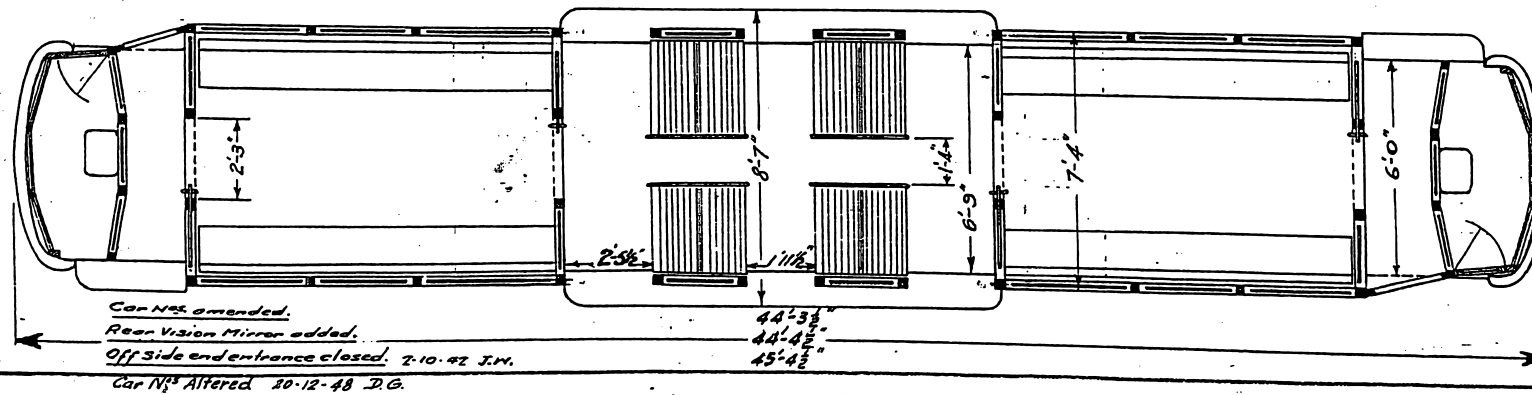


DROPPED CENTRE BOGIE CAR

Sold -

- MAXIMUM TRACTION -

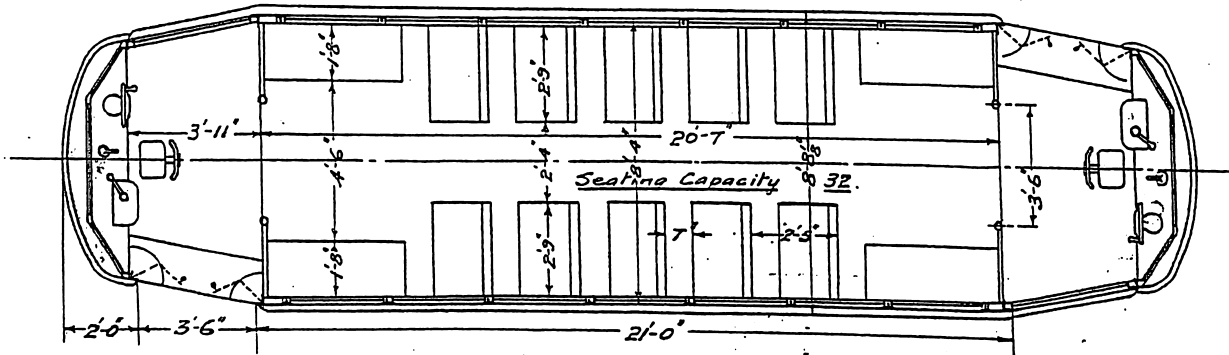
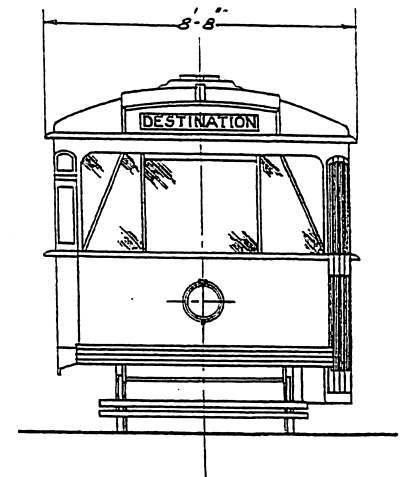
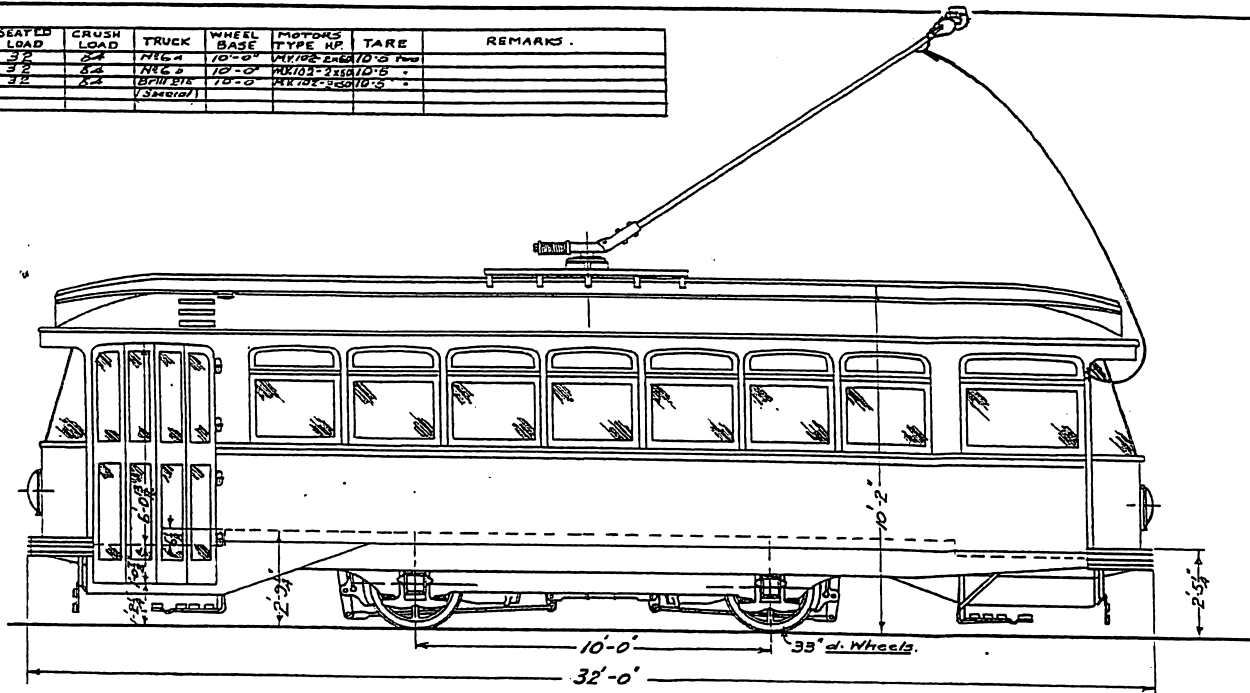
CAR NUMBERS	SEATED LOAD	CRUSH LOAD	TRUCK	WHEEL BASE	MOTORS TYPE HP.	TARE	CONTROL	REMARKS
37-42, 20, 23	48	140	22 E	4'-0" 23'-4"	GE 2016 2-65	15-45 TONS	K 36 J.R.	
117, 120, 122-124, 126	44	140	22 E	4'-0" 22'-7"	GE 2016 2-65	16-00 TONS	B 23 D	8 Doors
131, 133, 135, 137, 138	44	146	22 E	4'-0" 25'-7"	GE 2016 2-65	15-75 TONS		Centre Comp.



Car Nos. amended.
 Rear Vision Mirror added.
 Off side end entrance closed. 7-10-42 J.W.
 Car Nos. Altered 10-12-48 D.G.

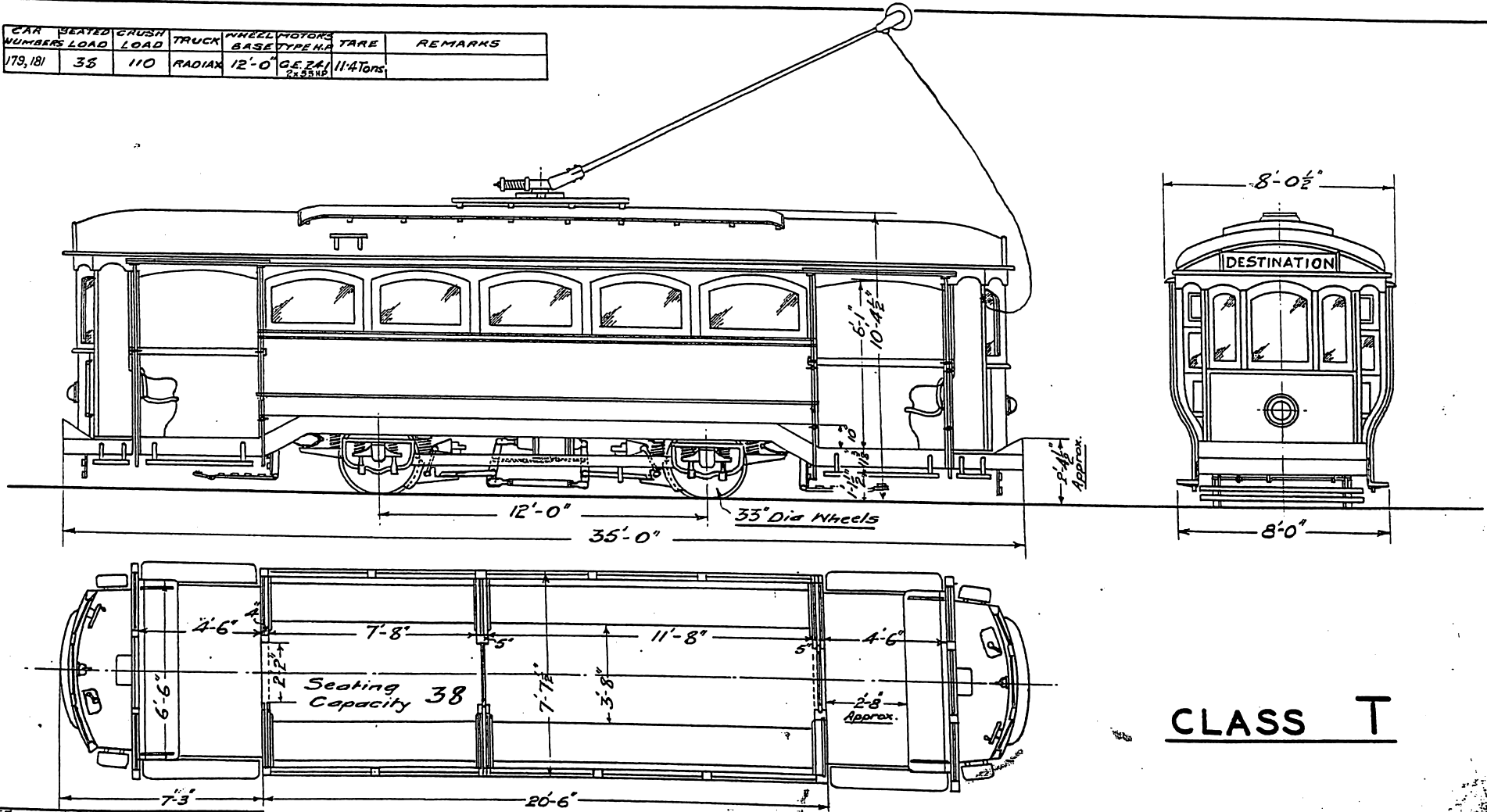
**CLASS
 C
 R 3078**

CAR NUMBERS	SEATED LOAD	CRUSH LOAD	TRUCK	WHEEL BASE	MOTORS TYPE NP TARE	REMARKS
680	32	22	NRG 2	10'-0"	PK102-255A10'S	
675	32	22	NRG 2	10'-0"	PK103-255A10'S	
676-78	32	22	(Sinter)	10'-0"	PK102-255A10'S	



CLASS X₂

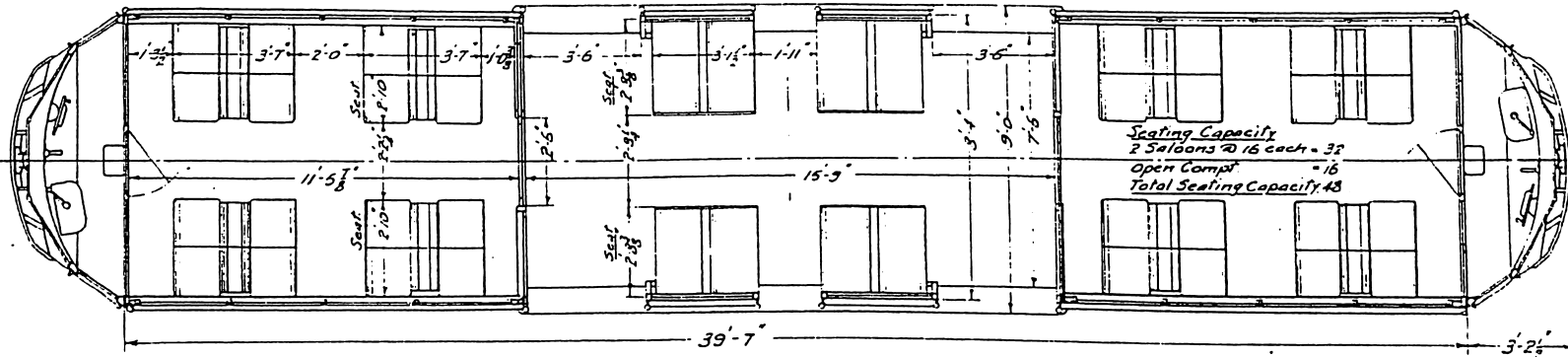
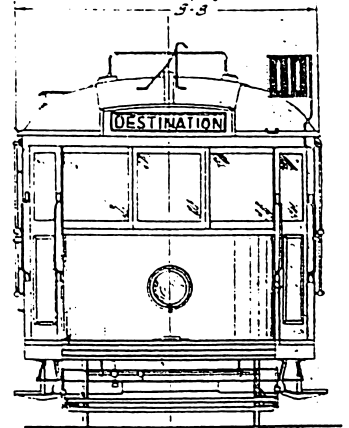
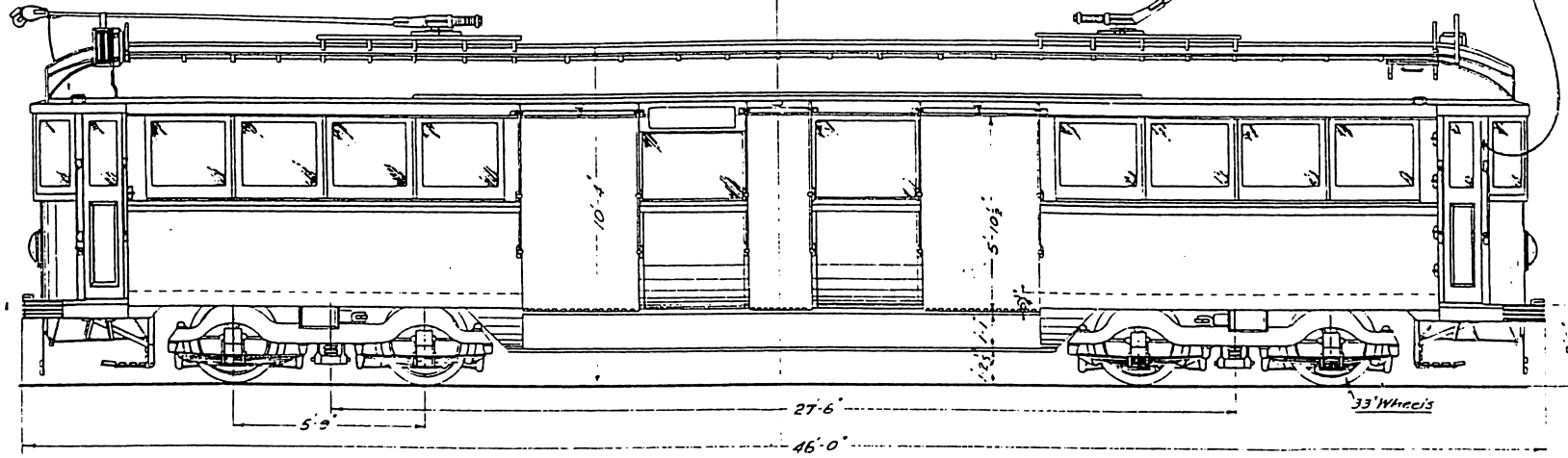
CAR NUMBERS	BEATED LOAD	CRUSH LOAD	TRUCK	WHEEL BASE	WHEEL TYPE	TONS TARE	REMARKS
179, 181	35	110	RADIAX	12'-0"	CE 241	11.4 Tons	



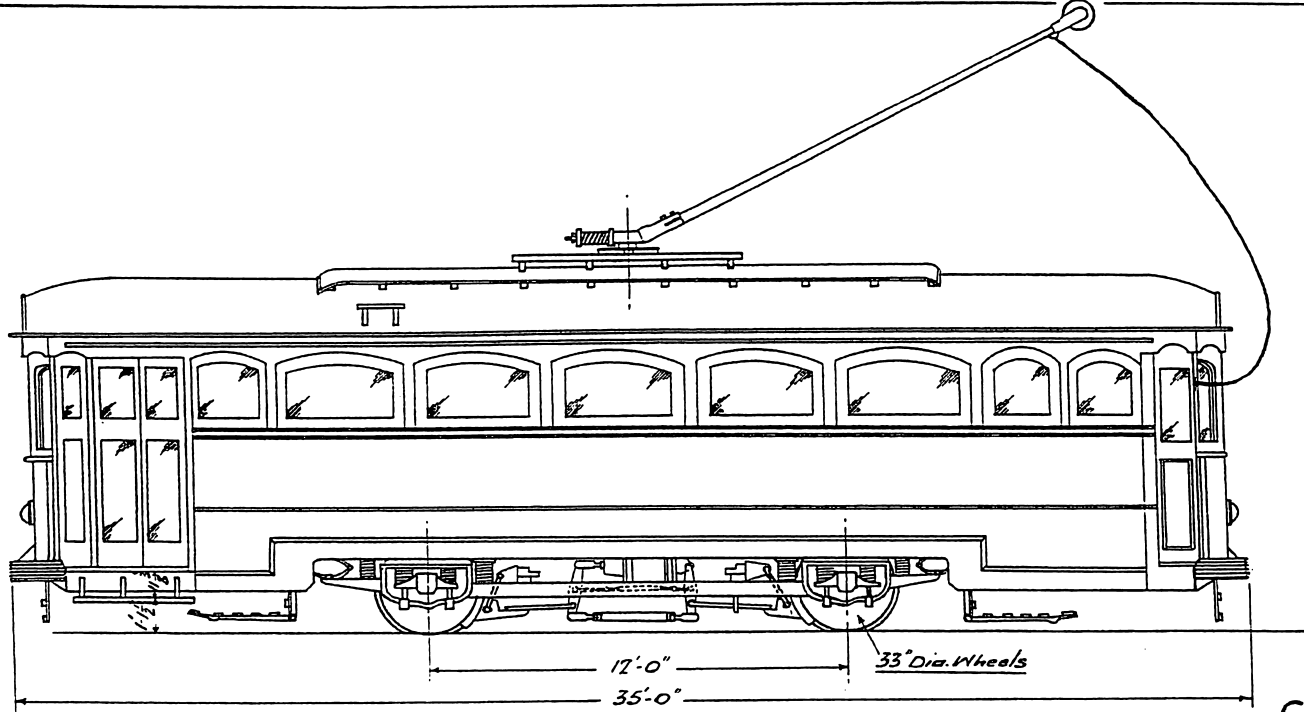
CLASS T

Class T Tramcar Nos 177, 180, 182 withdrawn from service & stored at Preston Workshops R.M. 24-9-59

C.S.F. Numbers	Seated Load.	Cross Load.	Truck.	Wheel Base.	Motors Type No.	Tare.	CONTROL
670-674	48	150	N#3c	5'-9" 27-6"	M 1, 193 (4 x 20) M 101A2 (4 x 40)	1647 lbs	K 35 J J



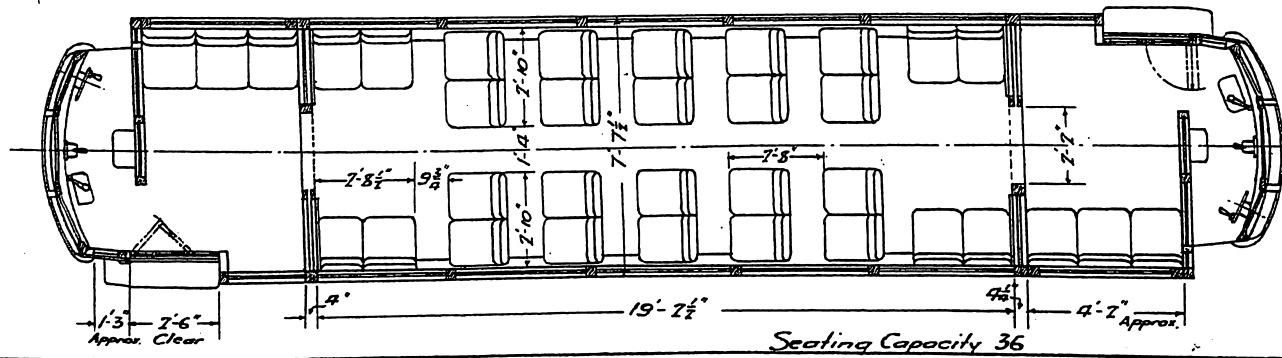
CLASS W4.
R 3812.



12'-0"
35'-0"
33" Dia. Wheels

CLASS T CAR
ARRANGEMENT FOR
ONE-MAN OPERATION

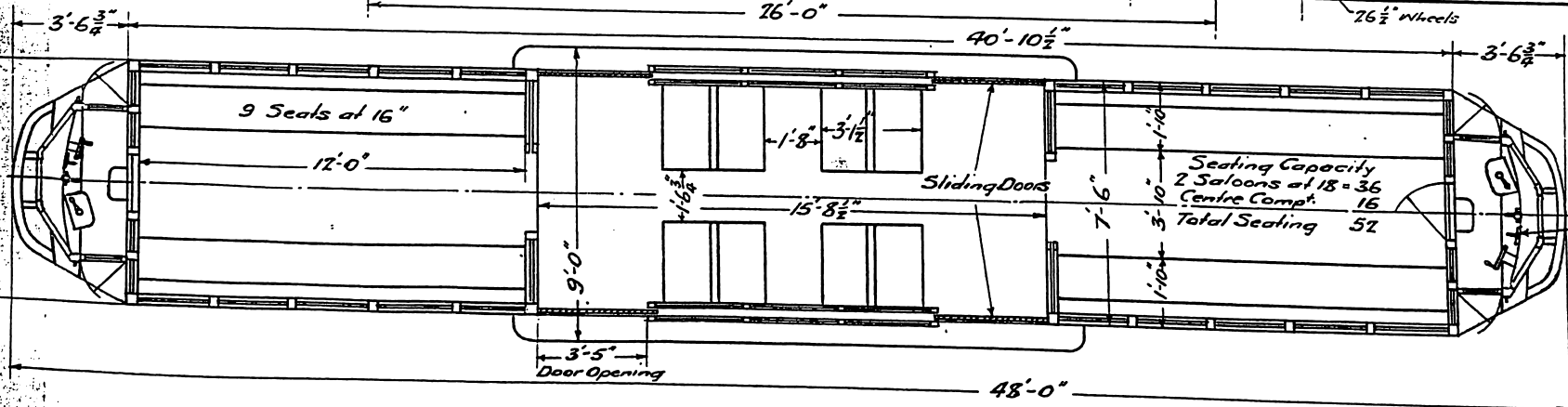
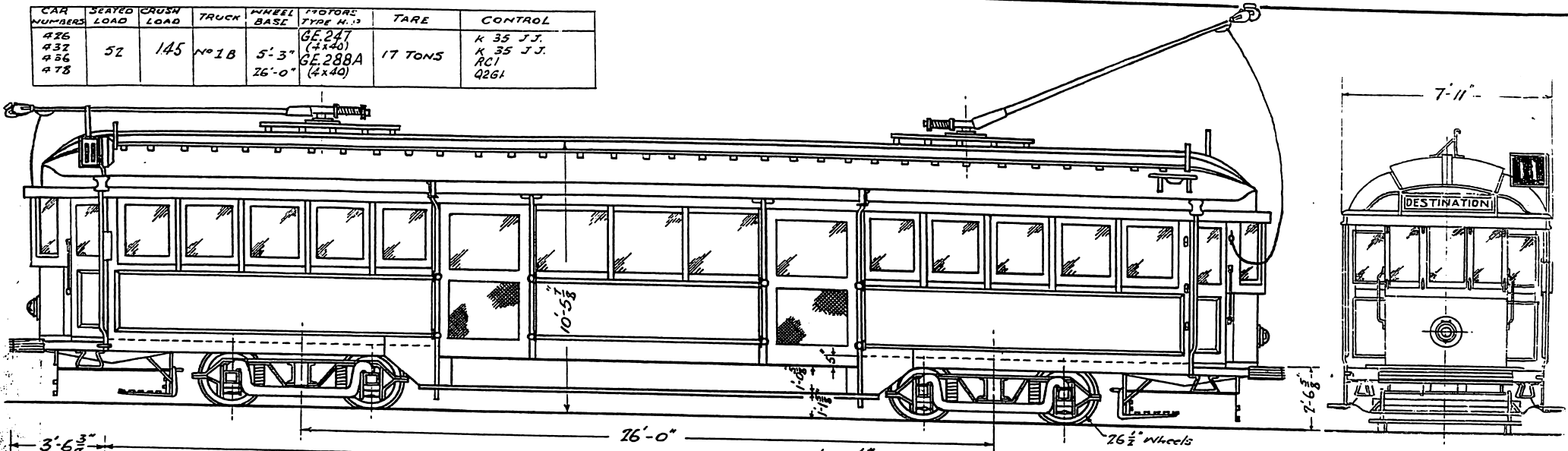
Car No 178



1'-3" 7'-6" Approx. Clear
4'
19'-2 1/2"
4'-2" Approx.
Seating Capacity 36

R 4382

CAR NUMBERS	SEATED LOAD	CRUSH LOAD	TRUCK	WHEEL BASE	MOTORS TYPE & N.O.	TARE	CONTROL
426	52	145	No 18	5'-3"	GE. 227	17 TONS	K 35 J.J.
432					(4x40)		K 35 J.J.
436					GE. 288A		AC1
478					(4x40)		Q261



CLASS SW2

Seating Arrangement A

Seating Capacity
2 Saloons at 18 = 36
Centre Comp. 16
Total Seating 52

Sliding Door Control Valve

MELBOURNE & METROPOLITAN
— TRAMWAYS BOARD —

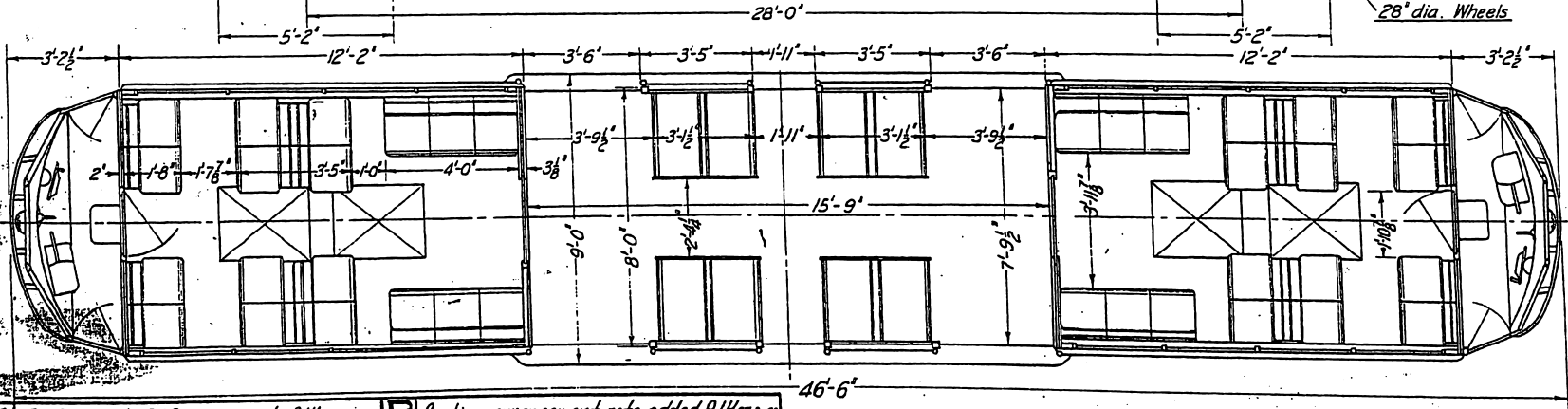
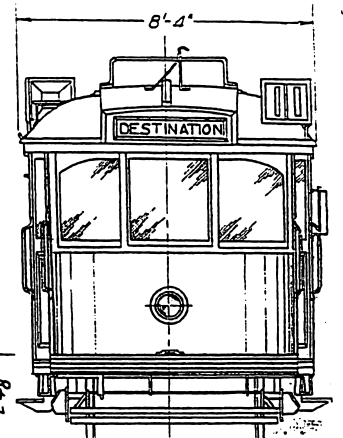
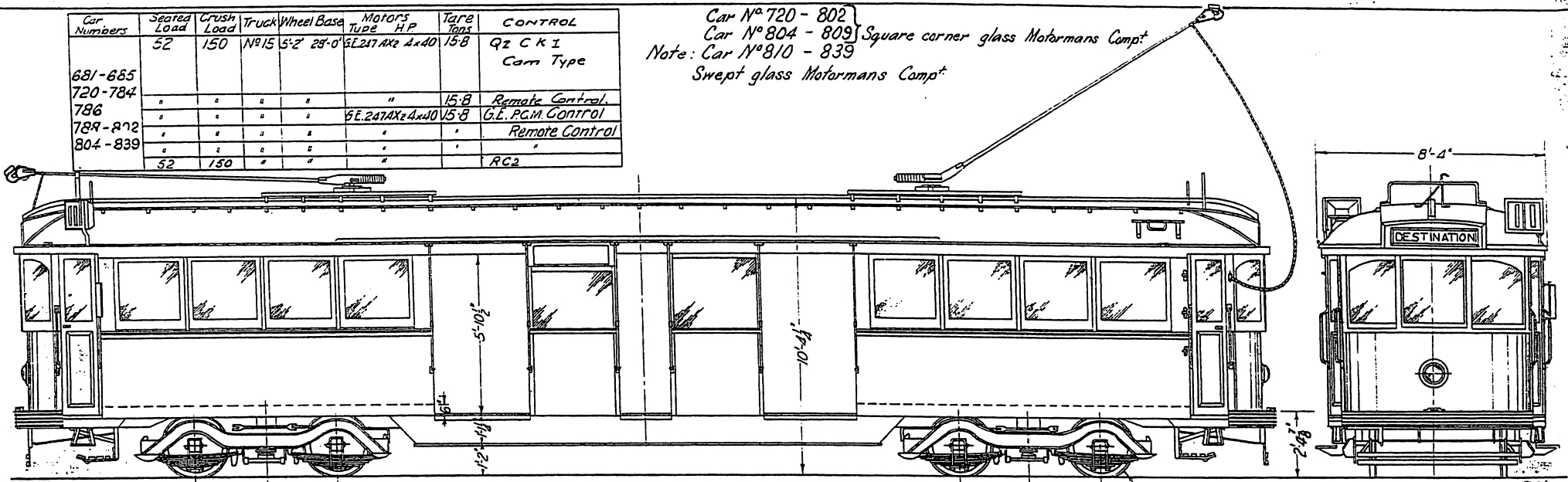
J. P. [Signature]
Date 21.8.18 CHIEF ENGINEER

Drawn A.F.B.	Traced J.N.	Checked [Signature]	Passed [Signature]	E.S.S.
-----------------	----------------	------------------------	-----------------------	--------

SCALE
1/4" = 1' R 4646

Car Numbers	Seated Load	Crush Load	Truck	Wheel Base	Motors Type	H.P.	Tare Tons	CONTROL
681-685	52	150	N915	5'-2" 28'-0"	GE 247AX2	4x40	15.8	Qz C K I Cam Type
720-784	"	"	"	"	"	"	15.8	Remote Control
786	"	"	"	"	GE 247AX2	4x40	15.8	G.E. P.C.M. Control
789-872	"	"	"	"	"	"	"	Remote Control
804-839	"	"	"	"	"	"	"	"
	52	150	"	"	"	"	"	RC2

Car No 720 - 802
 Car No 804 - 809 } Square corner glass Motormans Comp.
 Note: Car No 810 - 839
 Swept glass Motormans Comp.



Seating Capacity
 2 Saloons @ 18 ea. • 36
 Open Compartment • 16
 Total • 52
 Crush Load 150

CLASS W5

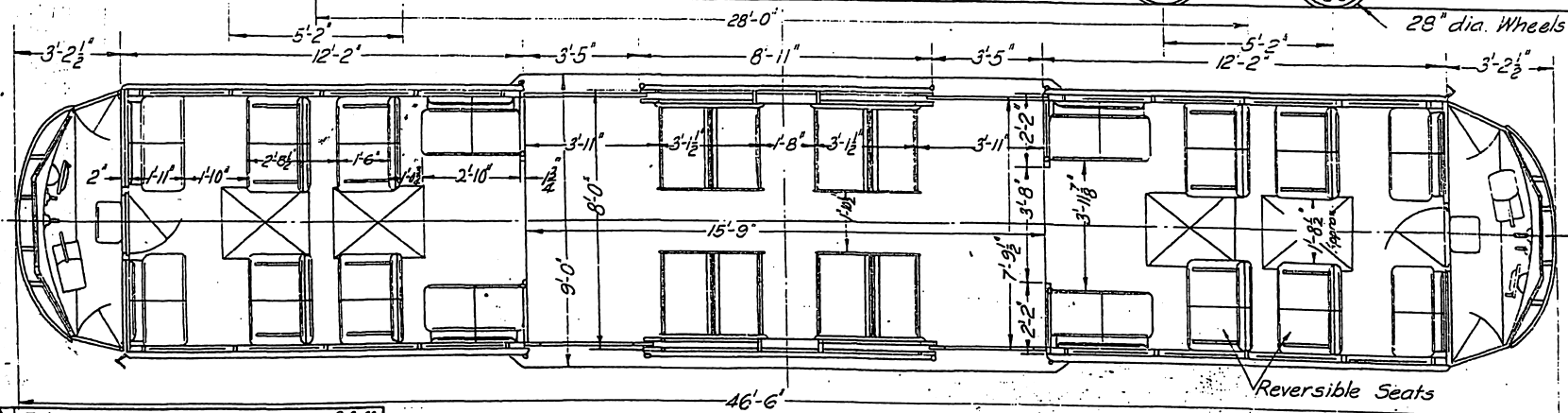
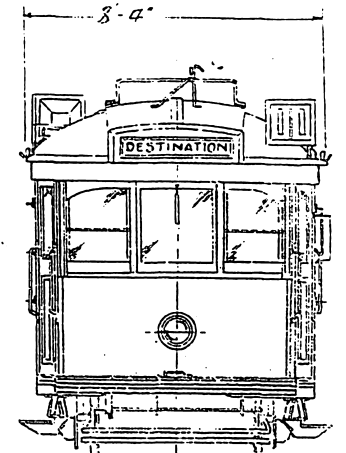
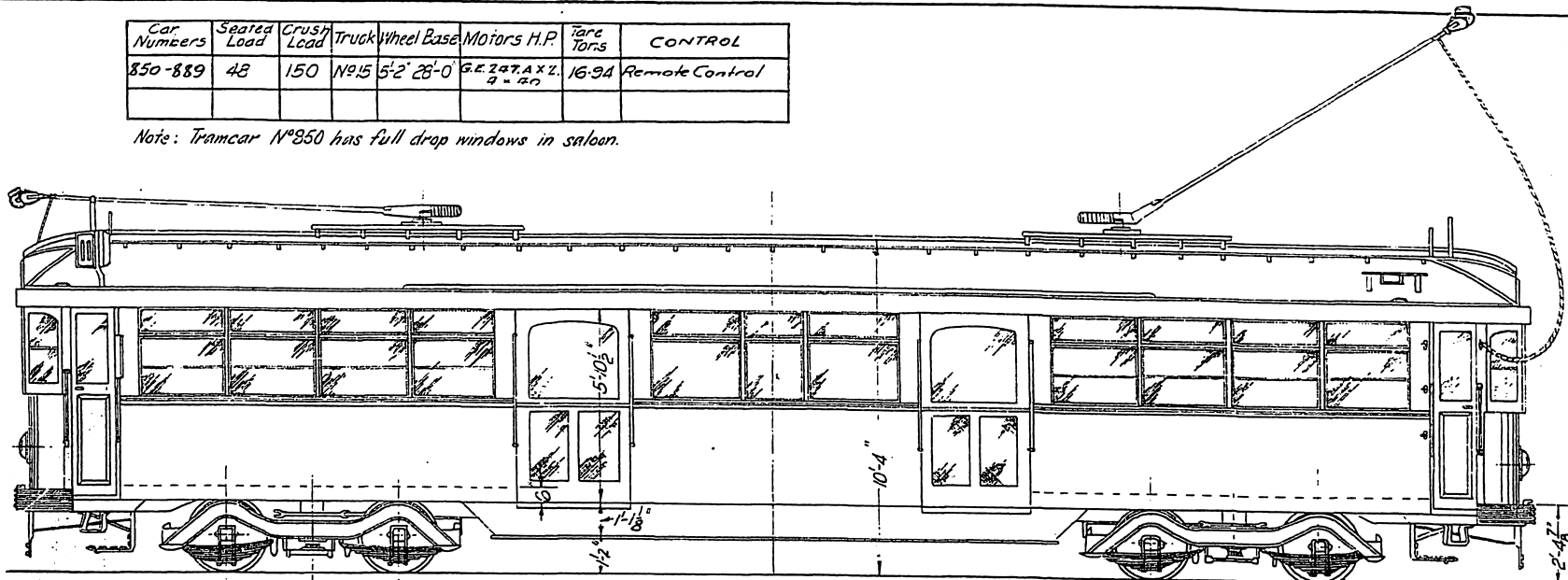
Note: This seating arrangement also used on Class SW6 Nos 940-949

Tramcar No 803 scrapped RJH 4-9-61 B Seating arrangement note added RJH 27-3-62

R 4678 B

Car Numbers	Seated Load	Crush Load	Truck	Wheel Base	Motors H.P.	Tare Tons	CONTROL
850-889	48	150	NR15	5'-2" 28'-0"	G.E. 227, A X Z 2" 20"	16.94	Remote Control

Note: Tramcar N°850 has full drop windows in saloon.



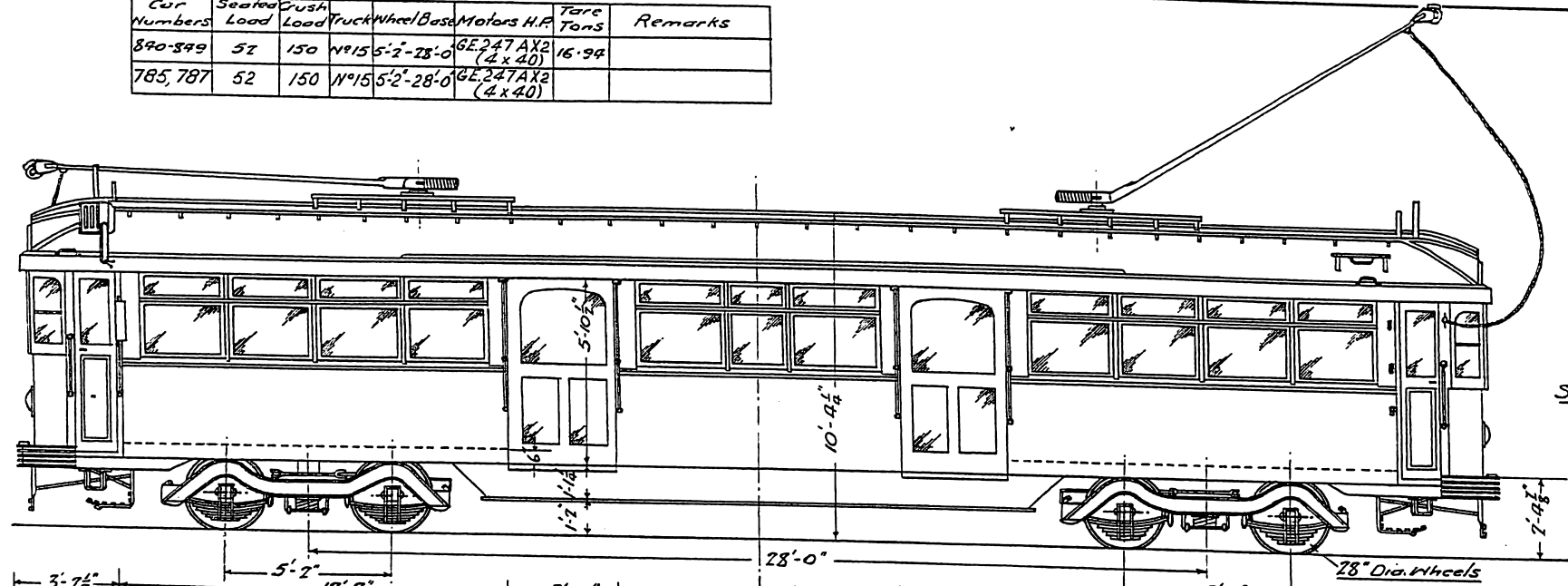
Seating Capacity
 2 Saloons of 16 each = 32
 Smoking Compartment = 15
 Total = 47
 Crush Load 150

CLASS SW6
 (Reversible Seats)
 Seating Arrangement "A"

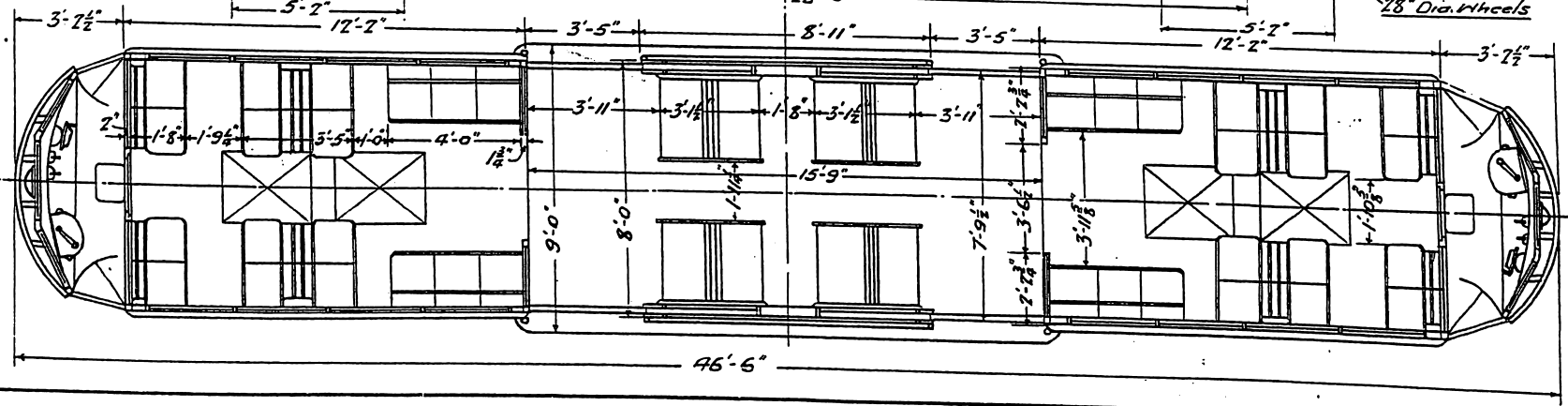
Note: Re Tramcar N°850 etc. added 8-3-63 R.J.H.

R.4771A

Car Numbers	Seated Load	Crush Load	Truck	Wheel Base	Motors H.P.	Tare Tons	Remarks
890-899	52	150	N°15	5'-2"-28'-0"	6E.247 AX2 (4 x 40)	16.94	
785, 787	52	150	N°15	5'-2"-28'-0"	6E.247 AX2 (4 x 40)		



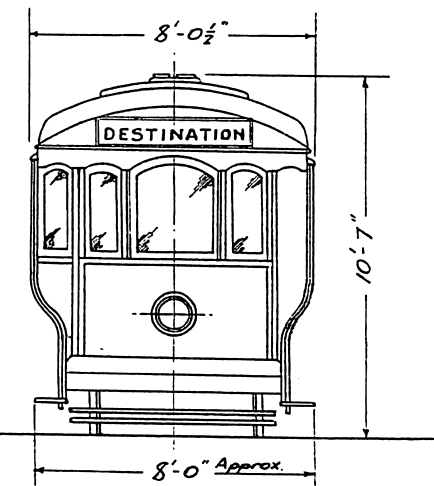
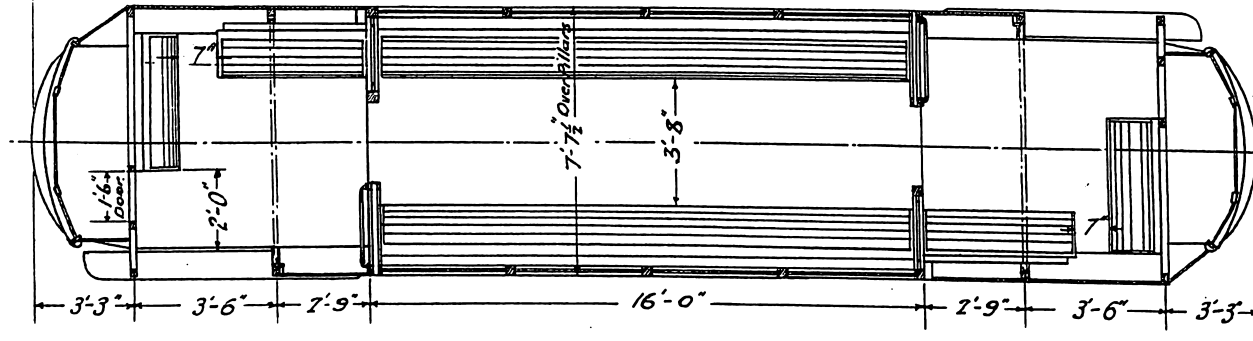
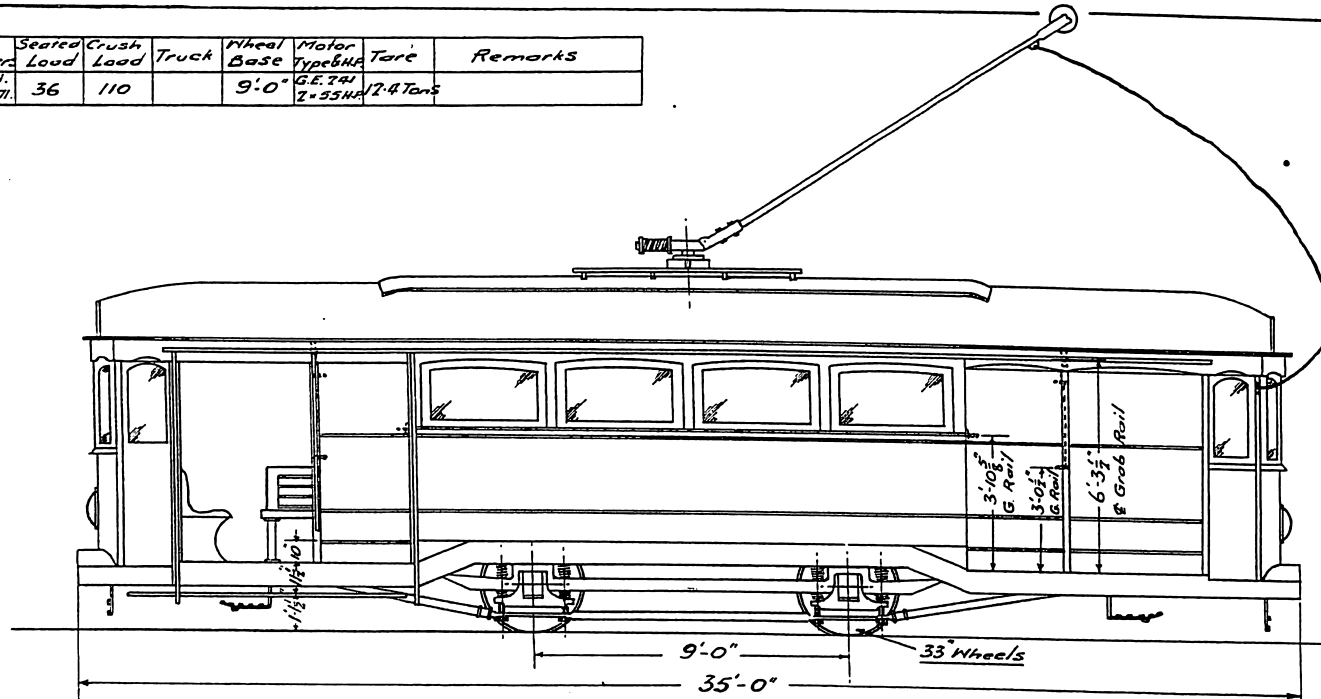
Seating Capacity
 2 Saloons at 18 ea. = 36
 Smoking Compartment - 16
 Total - 52
 Crush Load 150



CLASS SW5

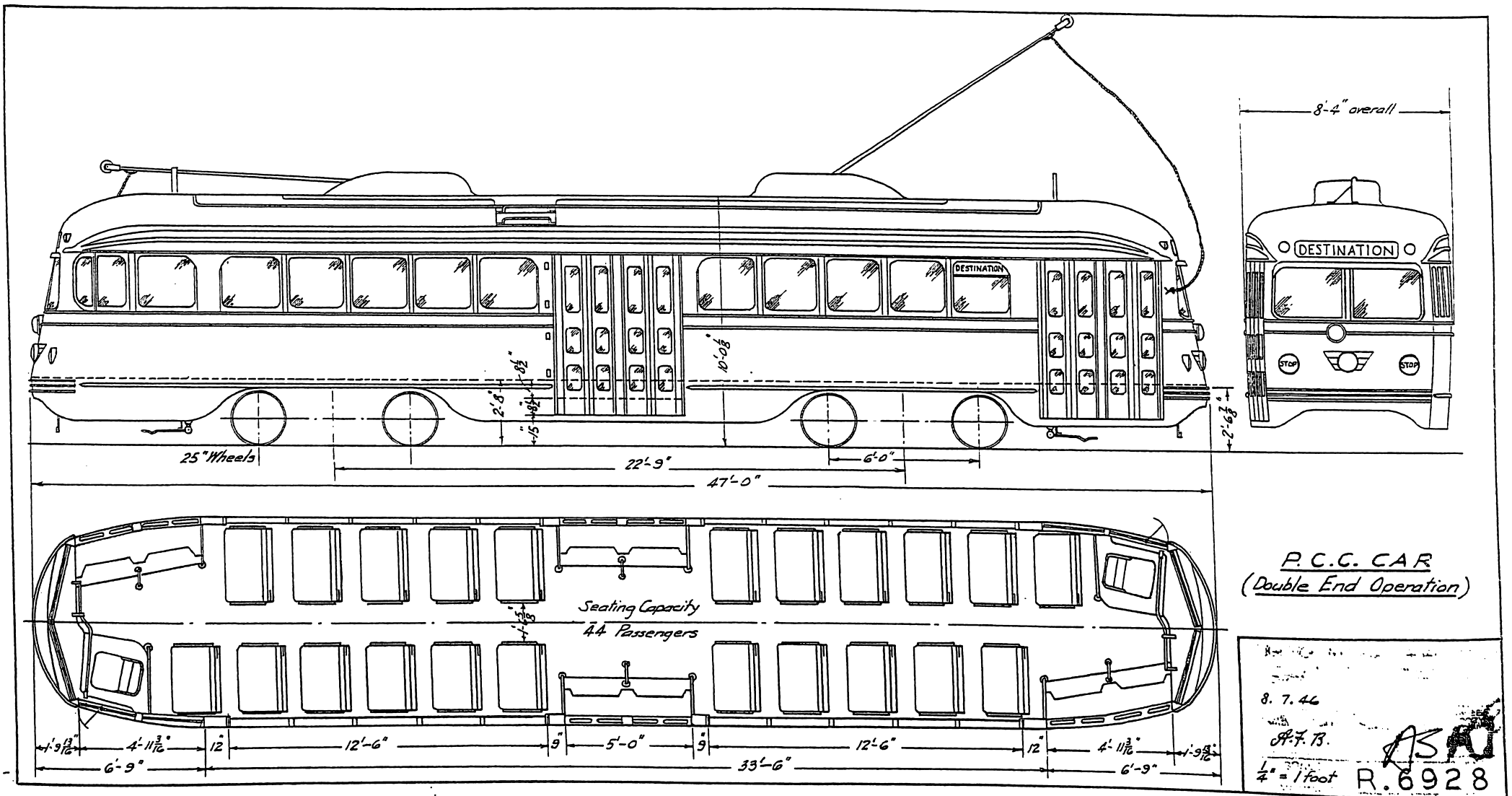
R 5818

Car Number	Seated Load	Crush Load	Truck	Wheel Base	Motor Type & No.	Tare	Remarks
154-161, 162-169, 171	36	110		9'-0"	G.E. 241 2-55NA	17.4 Tons	



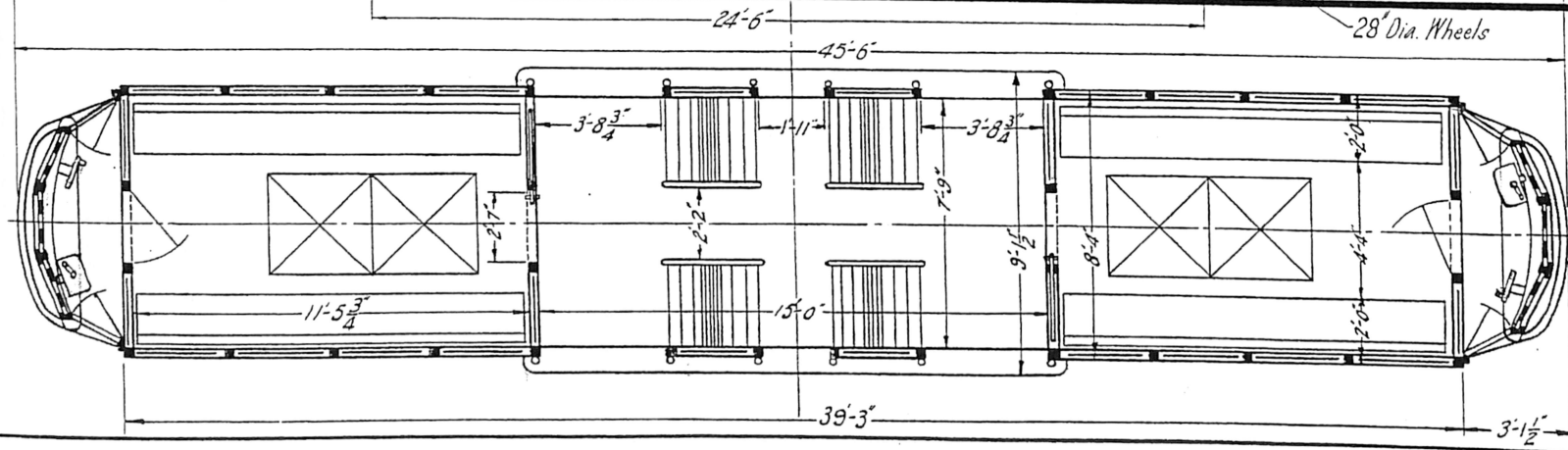
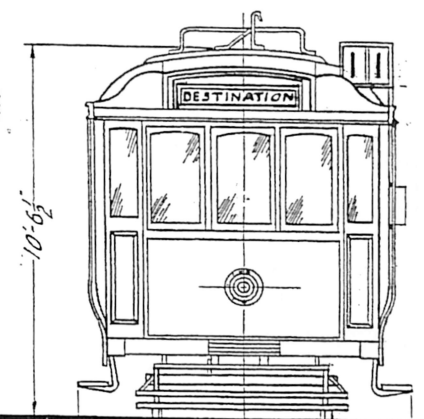
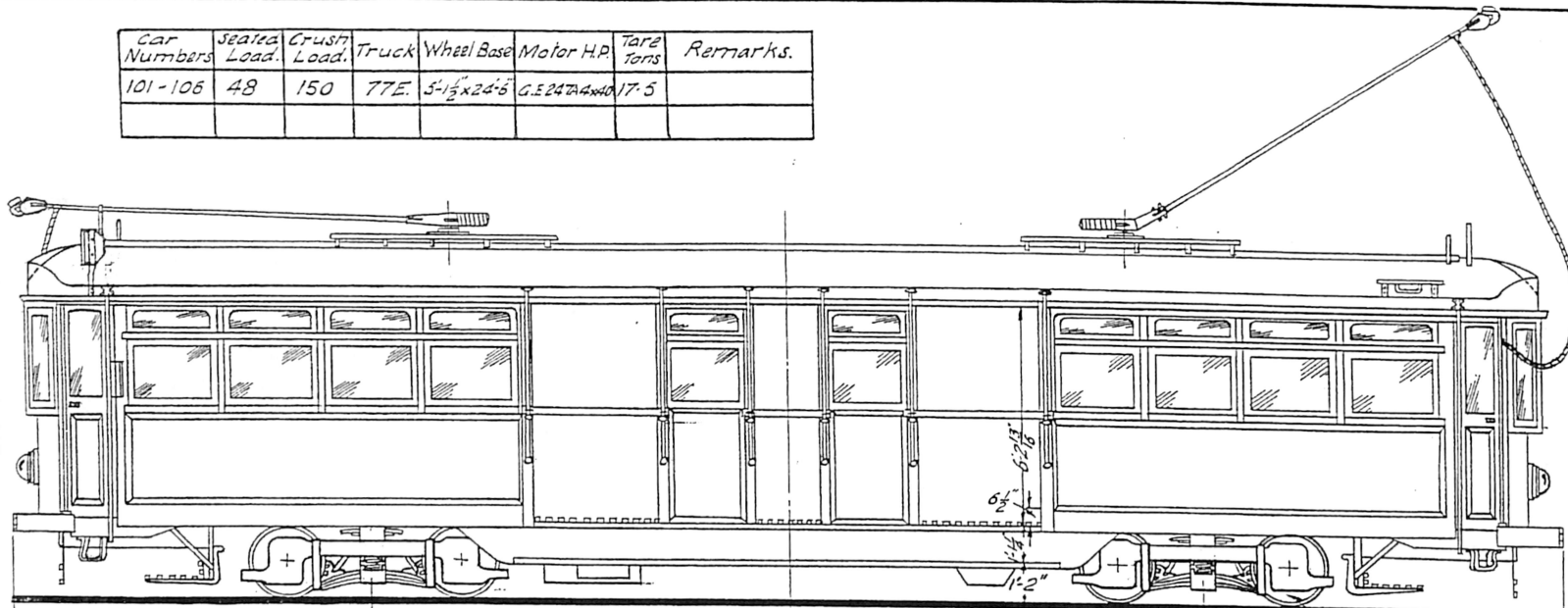
CLASS A
ONE-MAN CAR
COBURG TYPE

R 5963



Car Numbers	Seated Load.	Crush. Load.	Truck	Wheel Base	Motor H.P.	Tare Tons	Remarks.
101-106	48	150	77E	3-1/2 x 24-6	G.E. 247A440	17.5	

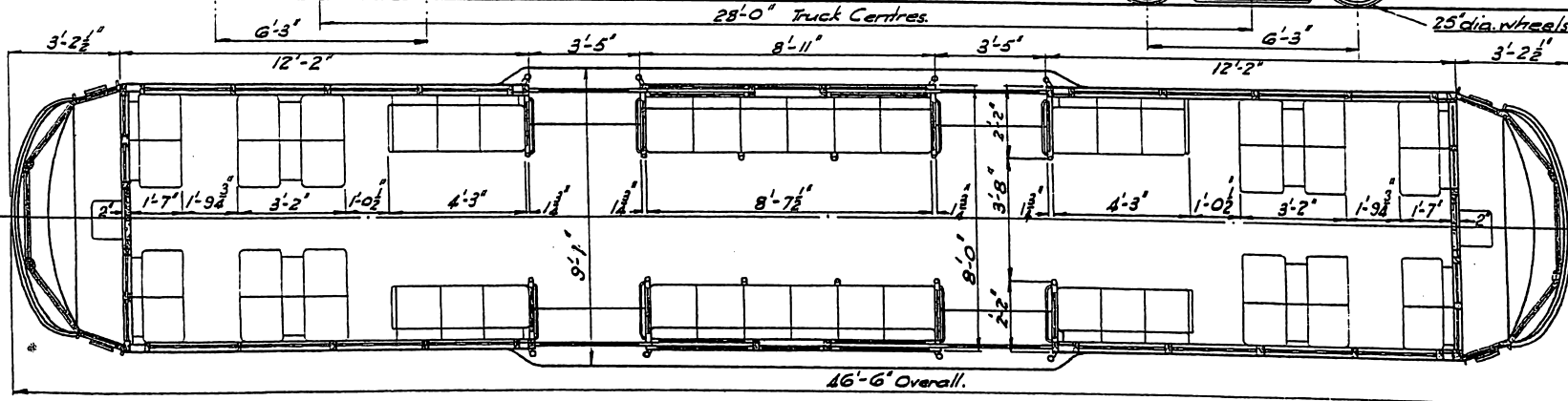
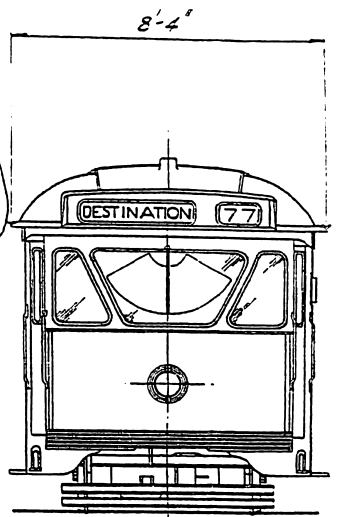
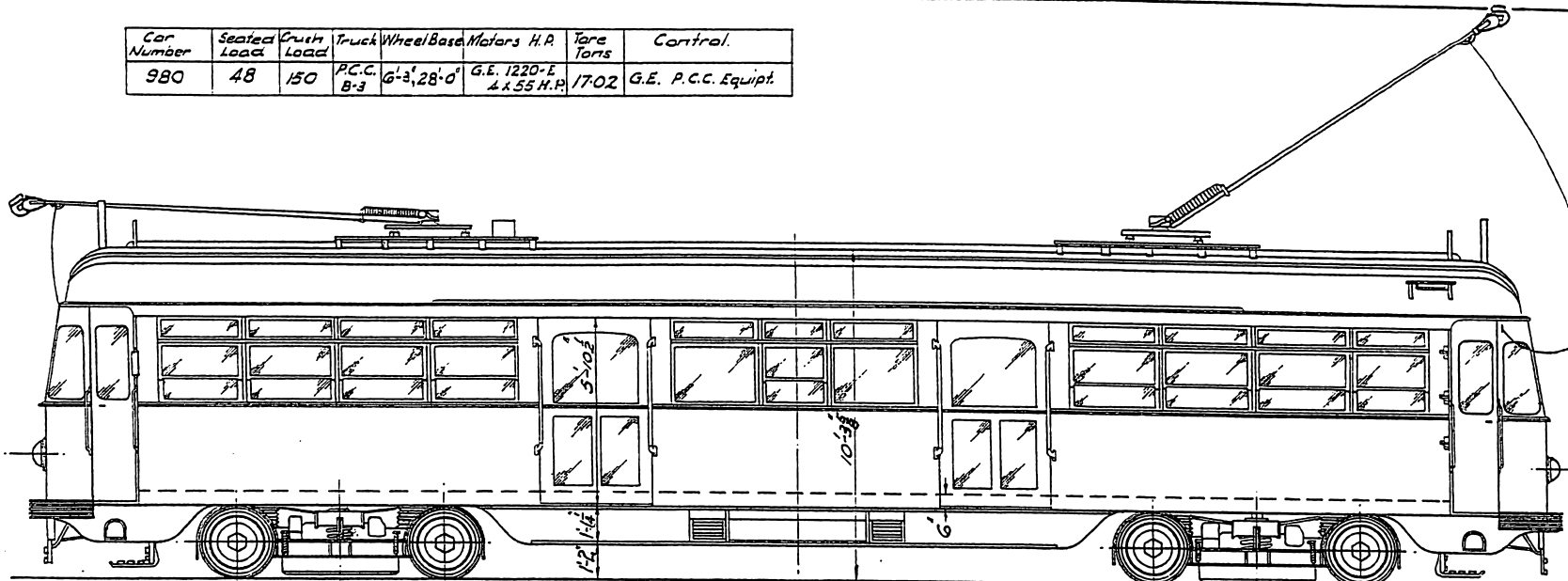
Seating Capacity
 2-Saloons at 16 each = 32.
 Smoking Compartment = 16.
 Total = 48.



CLASS. L.

MELBOURNE & METROPOLITAN
 TRAMWAYS BOARD
 DATE 6-10-27
 ROLLING STOCK ENGINEER
 J.A. Ireland
 J.A. K.A.
R.7416
 1/4 = 1-0

Car Number	Seated Load	Crush Load	Truck	Wheel Base	Motors H.P.	Tare Tons	Control.
980	48	150	P.C.C. B-3	6'-3", 28'-0"	G.E. 1220-E 4 x 55 H.P.	17.02	G.E. P.C.C. Equip.

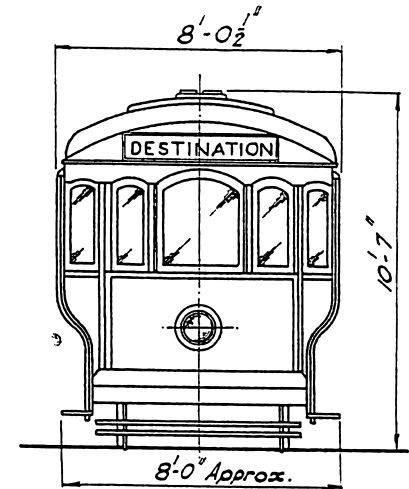
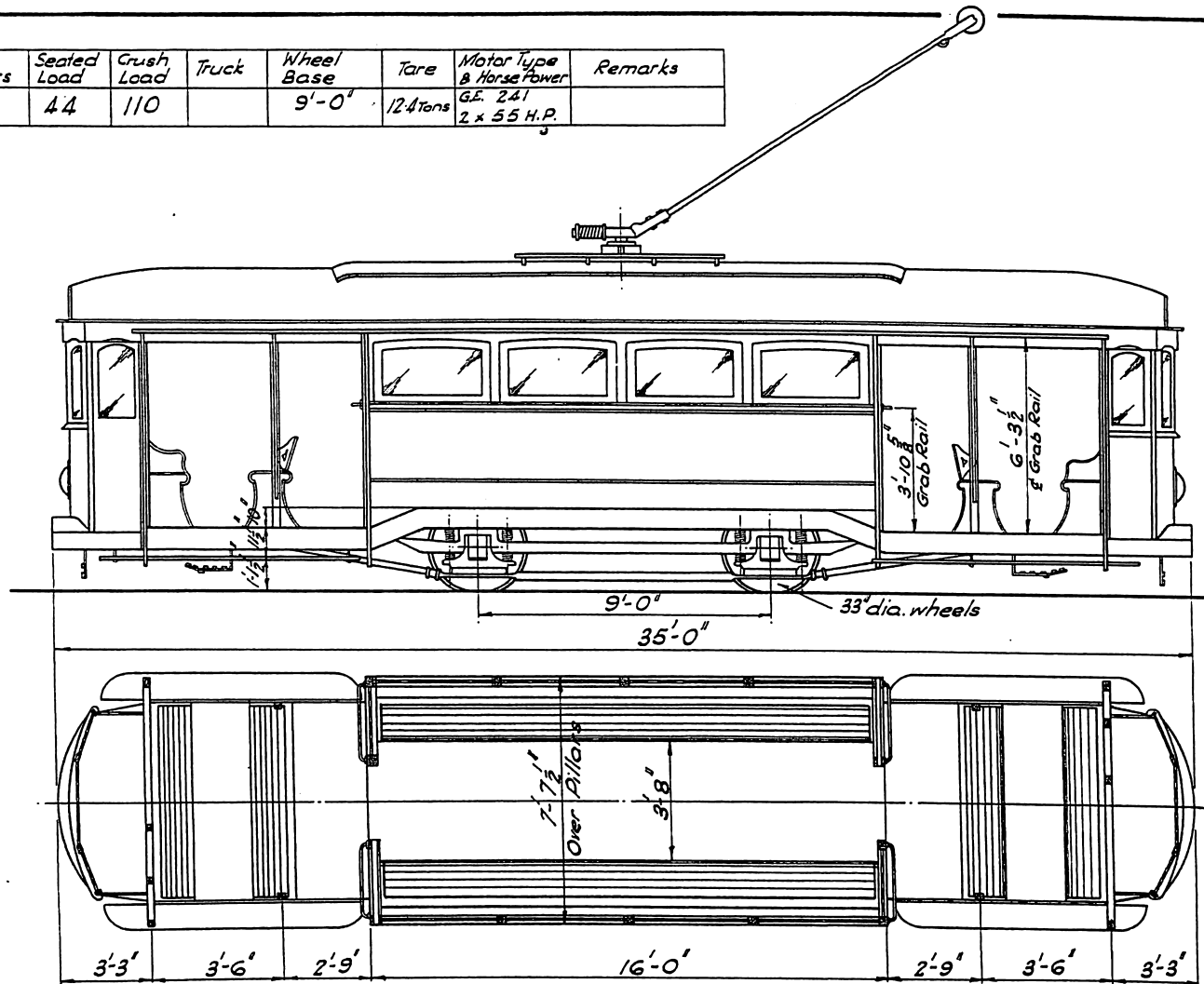


Seating Capacity
 2 Saloons at 18 each = 36.
 Smoking Compartment = 12
 Total = 48.
 Crush Load = 150.

M & MTB
P.C.C. TYPE CAR

J.A.L. ^{RR.} 8-5-50. R 8332

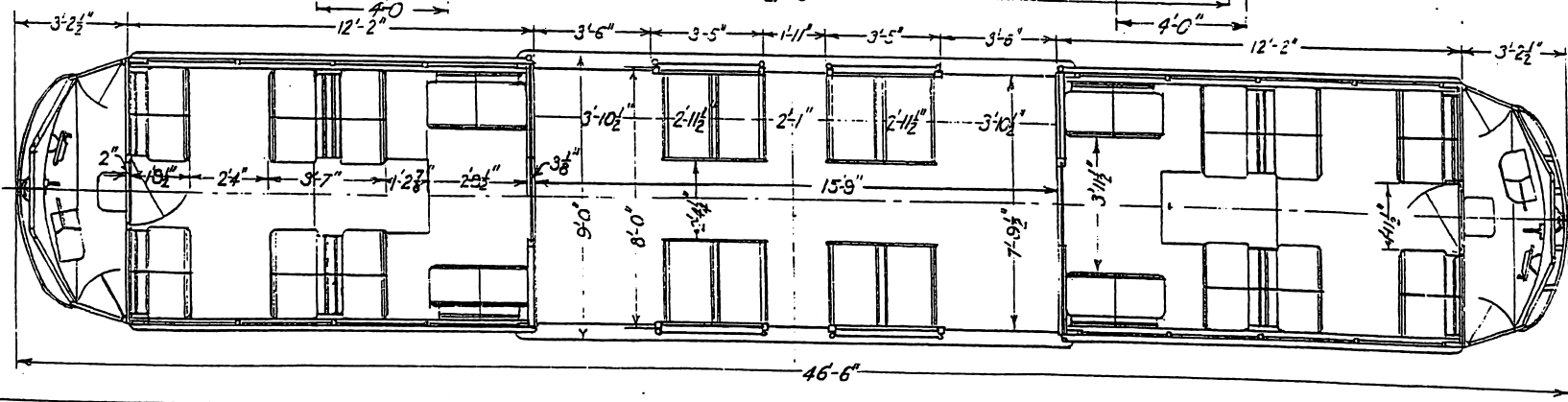
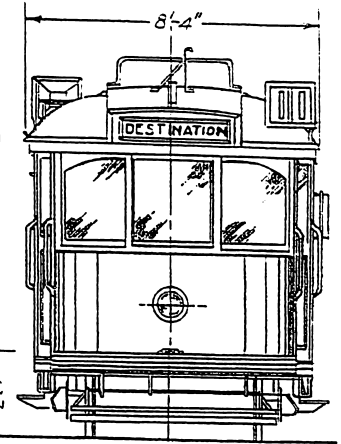
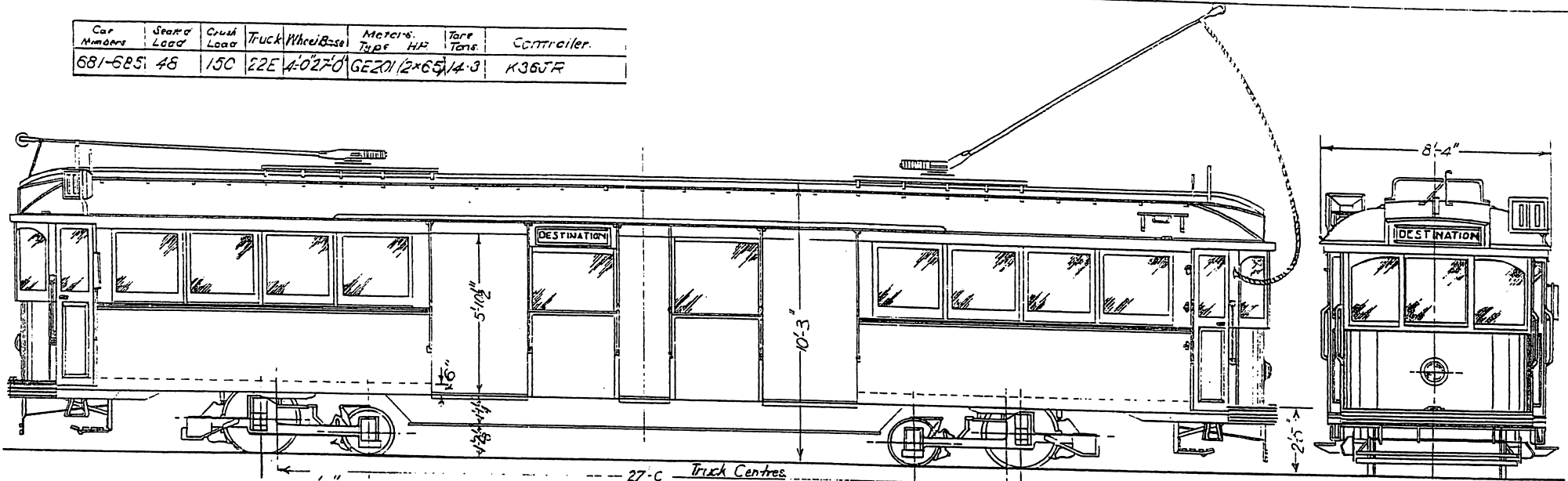
Car Numbers	Seated Load	Crush Load	Truck	Wheel Base	Tare	Motor Type & Horse Power	Remarks
164	44	110		9'-0"	12.4 tons	G.E. 241 2 x 55 H.P.	



CLASS A TRAMCAR
COBURG TYPE
ORIGINAL

R 8999 J.A.R.

Car Numbers	Specs Load	Crush Load	Truck Wheel Base	Meters Type HP	Tare Tons	Controller
681-685: 48	150	22E	4'-0 2/3"	GE201 (2x65) 1/4-3		K36JR



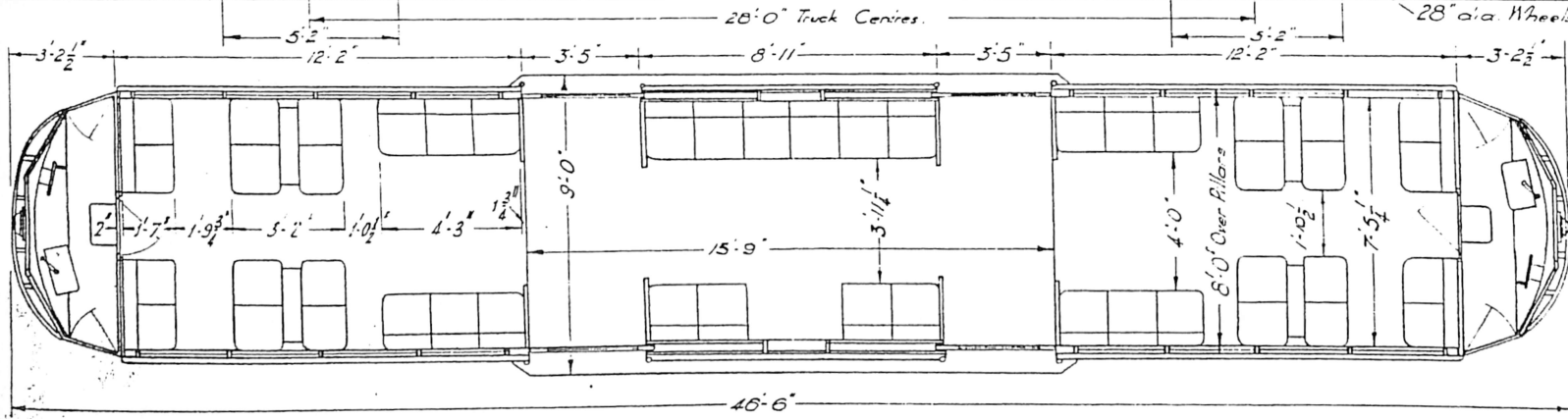
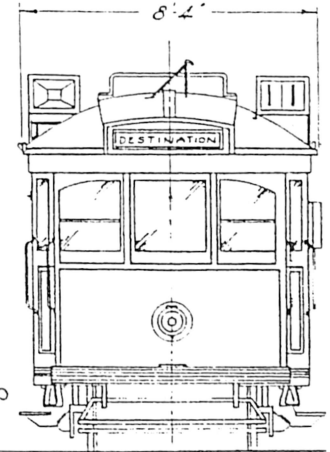
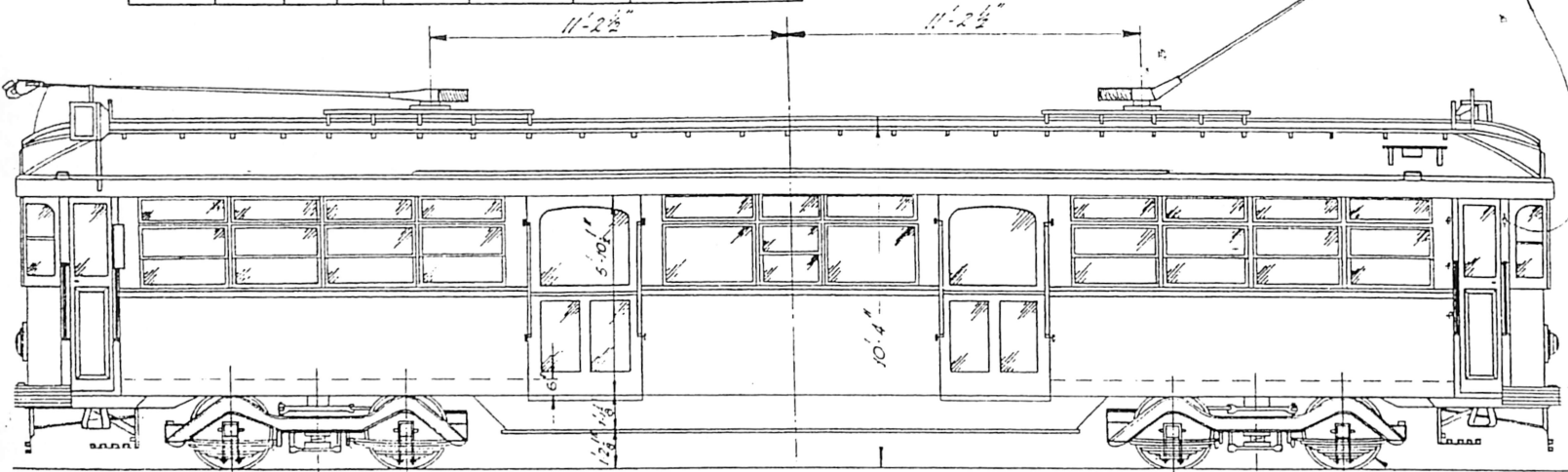
Seating Capacity
 2 Saloons @ 16 ea = 32
 Open Compartment = 16
 Total = 48
 Crush Load 150

CLASS CW5

R 9601

Car Numbers	Seated Load	Crush Load	Truck	Wheel Base	Motors H.P.	Car 107K	Control
1001-1040	48	150	NP15	5'-2" 28'-0"	GE 247 AX2 4x20	18.4	Remote Control

REVISION
 A APPROVED 27.9.95
[Signature]



CLASS W7

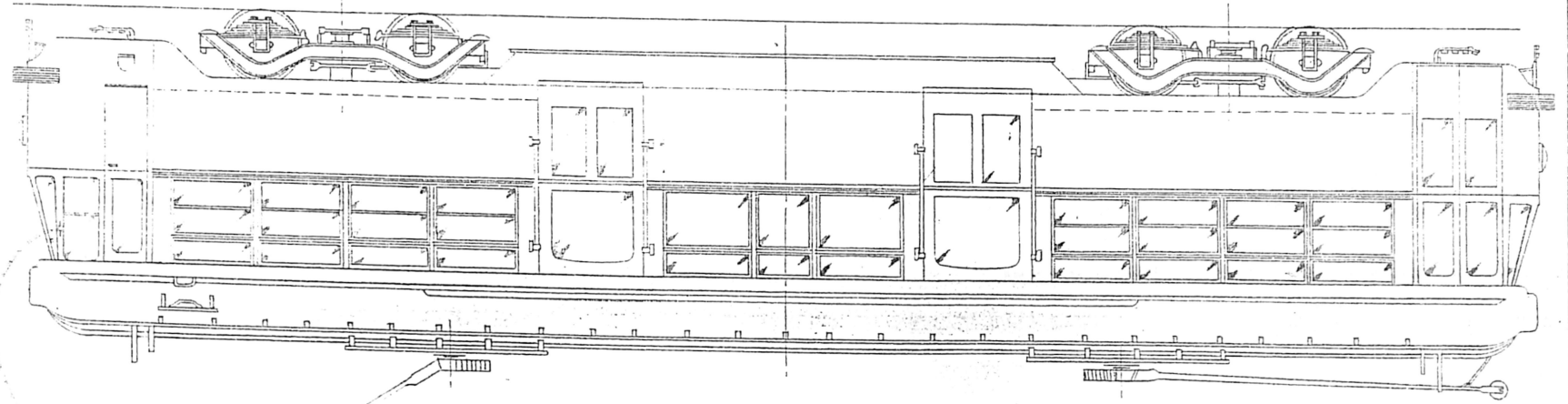
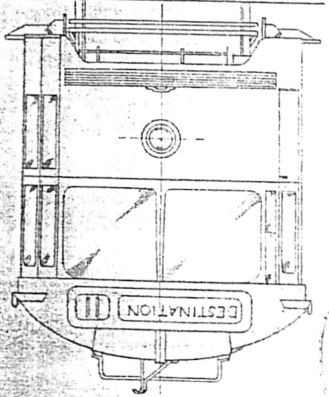
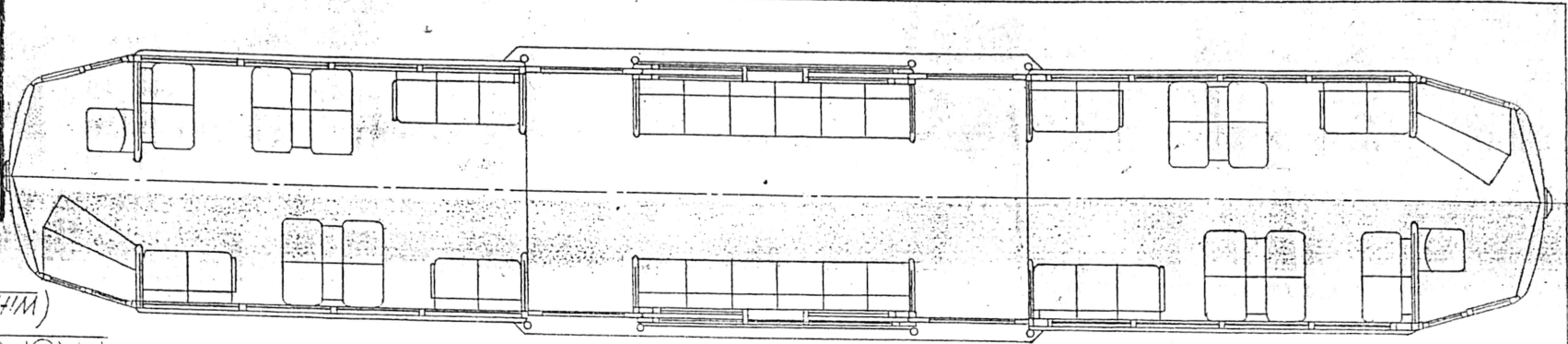
3/12/57 *J. P. Kelly*
 S.A. S.B. W.A.D. *[Signature]*
R 9529 A
 1'-0"

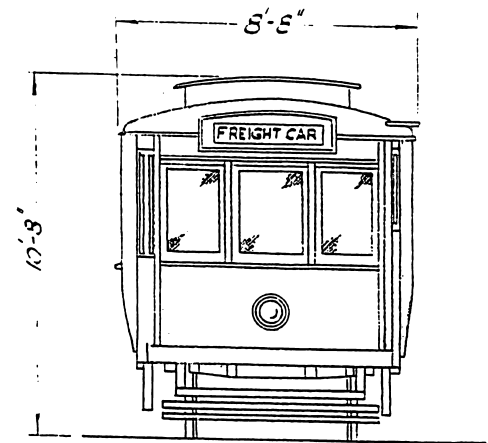
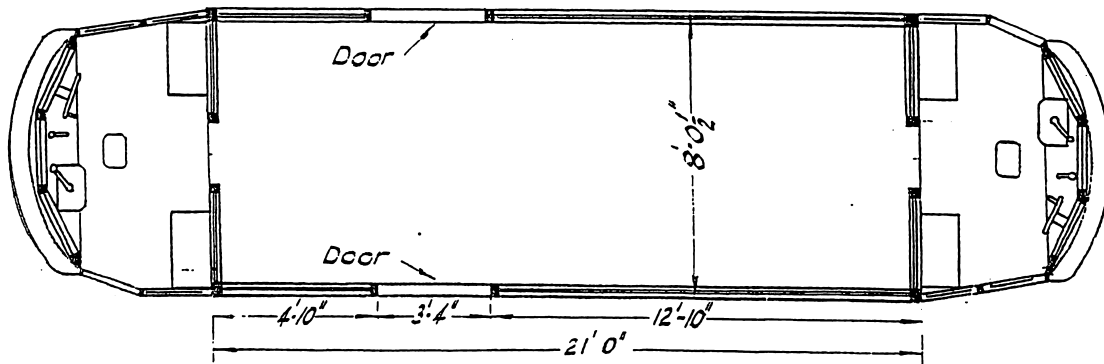
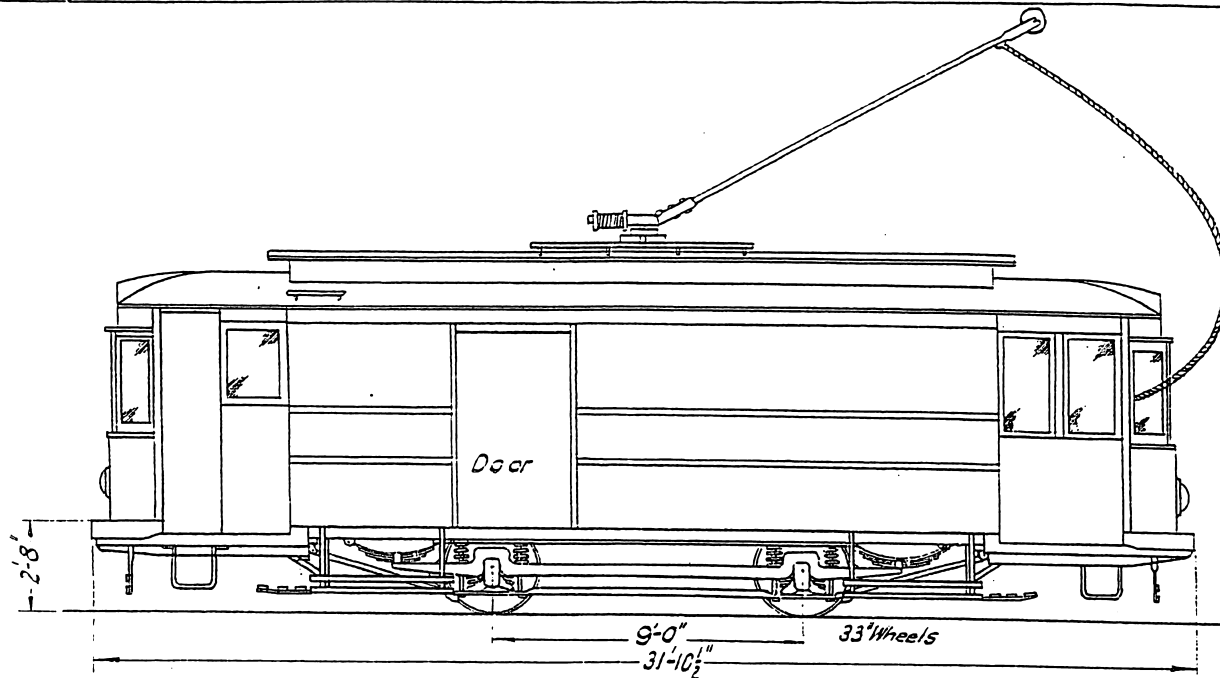
SCALE $\frac{1}{2}'' = 1'-0''$	
R9622	
DRAWN	TAB
TRACED	CHECKED
PASSED	APPROVED
CHIEF ENGINEER	
DATE	
MELBOURNE & METROPOLITAN TRAMWAYS BOARD	

SEE ALSO X127

(With Front Entrance)

PROPOSED SW6 CAR

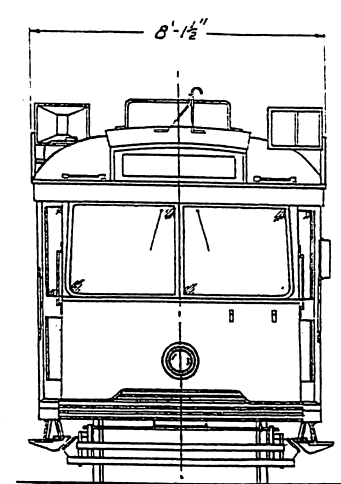
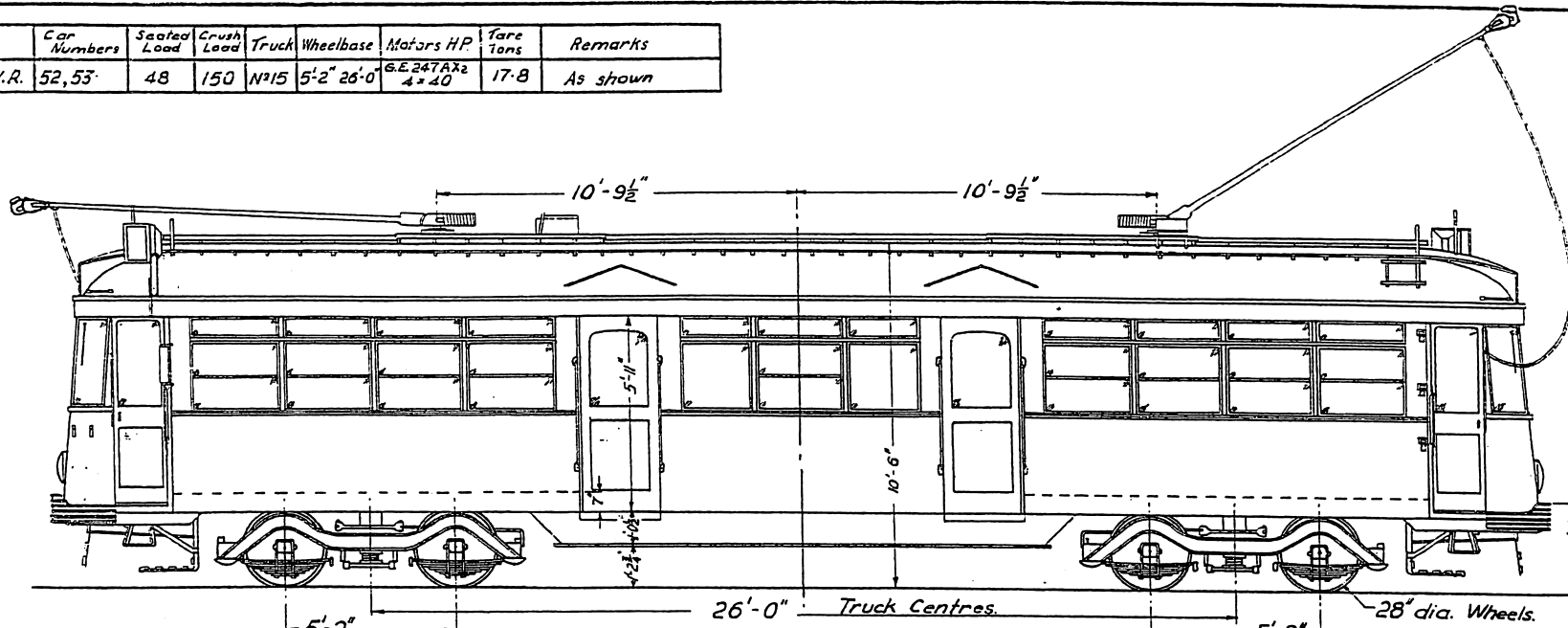




FREIGHT CAR N° 17
Former "V" class passenger car

R 9980

Car Numbers	Seated Load	Crush Load	Truck	Wheelbase	Motors H.P.	Tare Tons	Remarks
V.R. 52, 53	48	150	N°15	5'-2" 26'-0"	G.E. 247A x 2 4 x 40	17.8	As shown



Seating Capacity
 2 Saloons of 16 each = 32
 Smoking Compartment = 16
 Total Seated = 48
 Crush Load = 150

CLASS V.R. CAR

MELBOURNE & METROPOLITAN TRAMWAYS BOARD

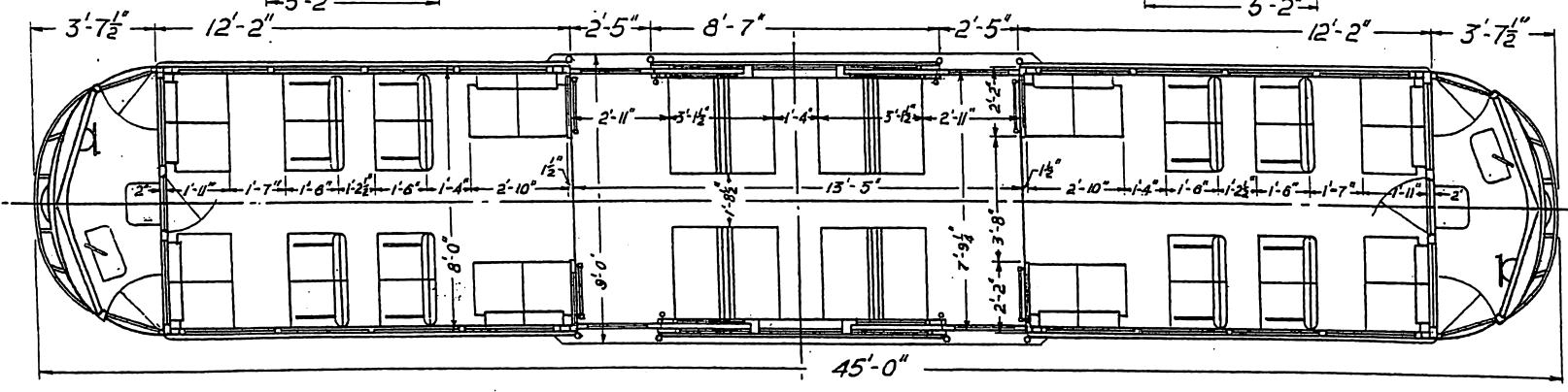
DATE 19.8.60

DESIGNED BY *R.H. [Signature]* CHIEF ENGINEER

DRAWN BY *D.E.W.* CHECKED BY *R.H.* APPROVED BY *[Signature]*

RIO-129

SCALE 1/4" = 1'-0"



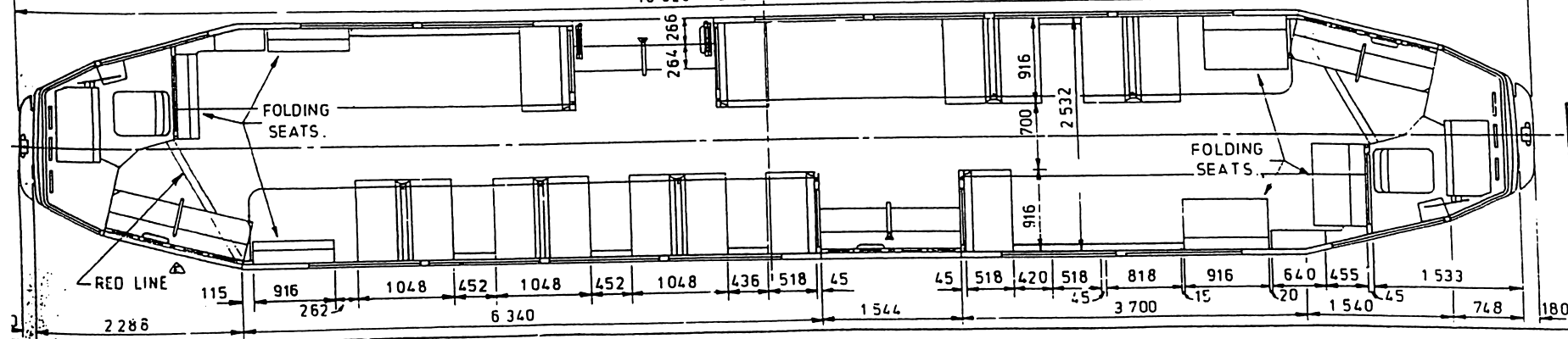
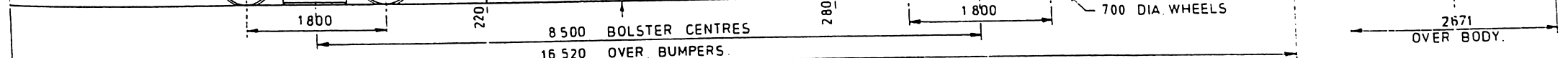
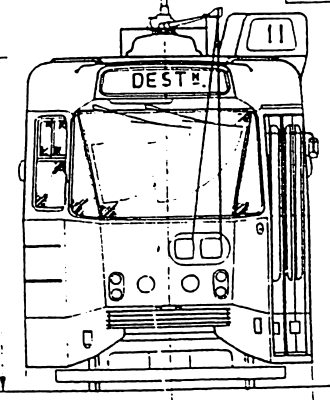
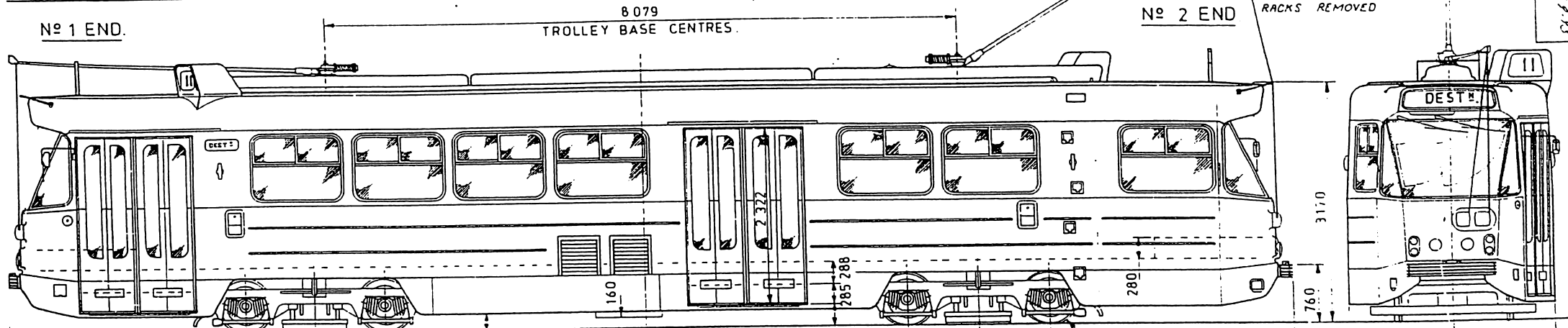
FOR INFORMATION ONLY

TRAM NUMBER	SEATED CAPACITY	LOADED CAPACITY	TRUCK	WHEEL BASE	MOTORS TYPE K.W.	CONTROL	WEIGHT (TONNES)		
							BODY	TRUCK	TARE
-115	40	114	A.S.E.A.	1800 8500	ASEA. 4 x 52 K.W.	A.S.E.A. TRAMIAC	12.11	3.56	19.23

Z1 Nos 1-100 INCL
Z2 Nos 101-115 INCL

Z2 HAS IMPROVED SECONDARY SUSPENSION, INDIVIDUAL PASSENGER HEATERS & LUGGAGE RACKS REMOVED

274
S. 1.7 01/10/76



2671 OVER BODY.

CLASS Z1 & Z2 TRAMS

MELBOURNE & METROPOLITAN
— TRAMWAYS BOARD —

DATE 23-8-76
CHIEF ENGINEER *[Signature]*

DRAWN R.D.T. *[Signature]* CHECKED *[Signature]* PASSED *[Signature]* APPROVED *[Signature]*

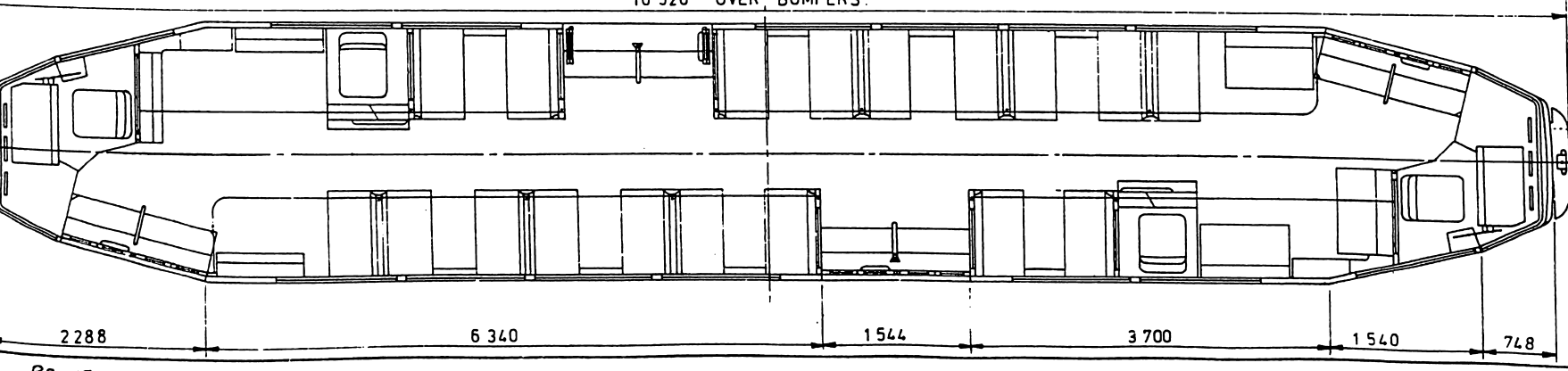
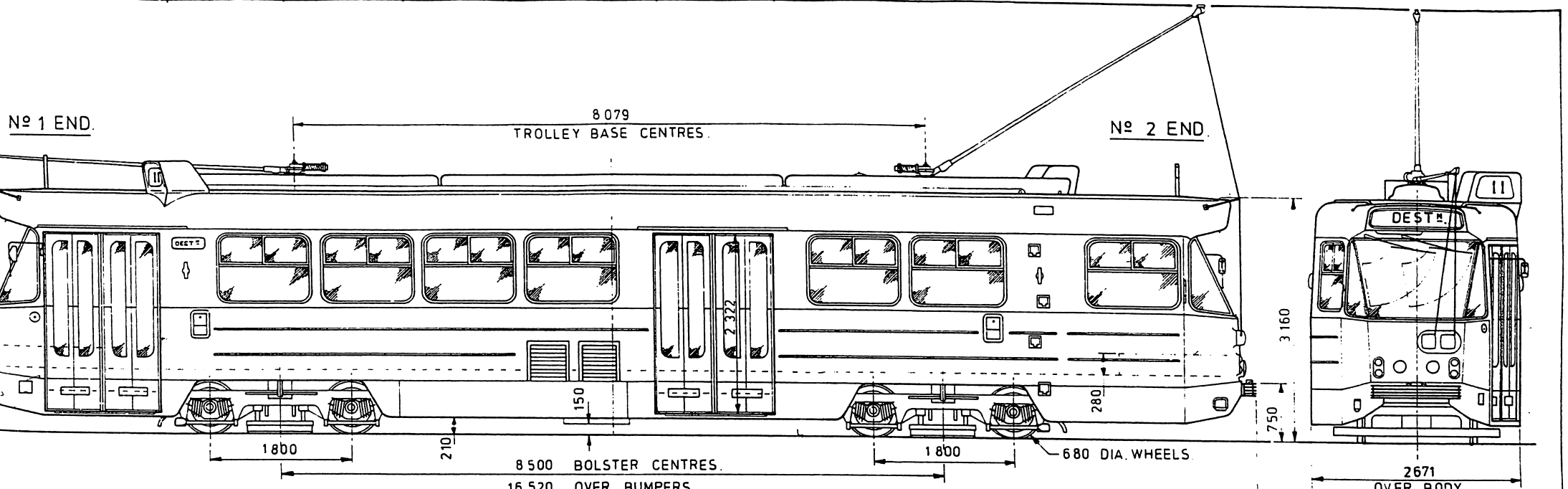
R11-333

SCALE - 1:50

No 1 END.

No 2 END.

8 079
TROLLEY BASE CENTRES.

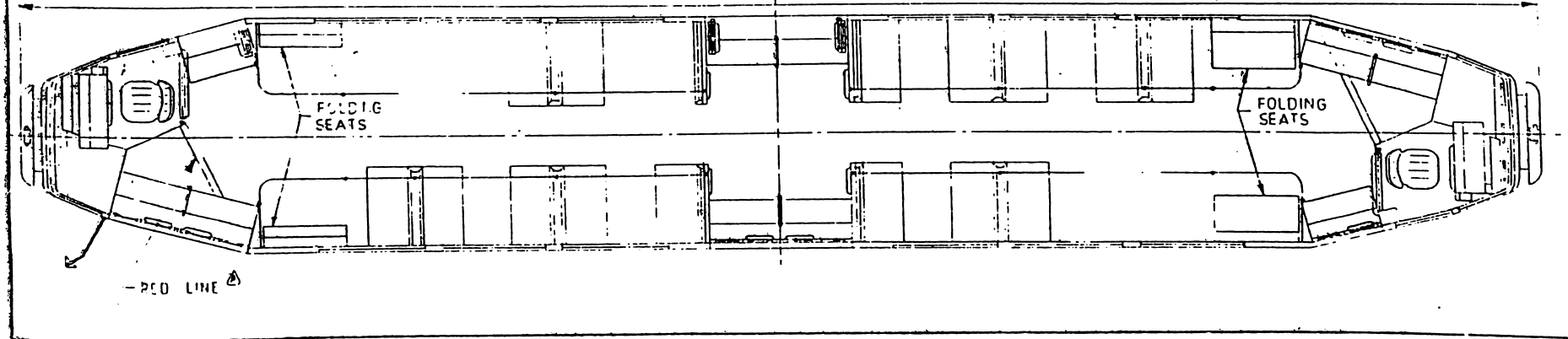
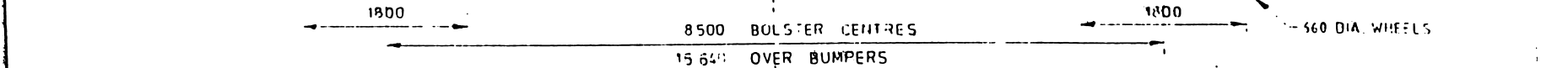
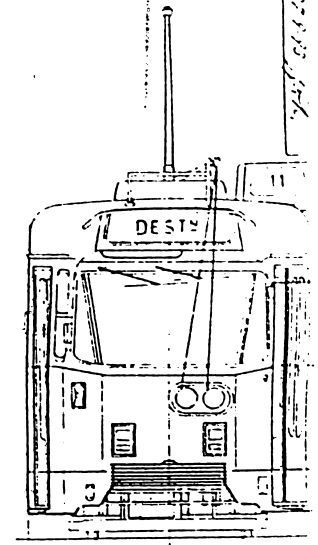
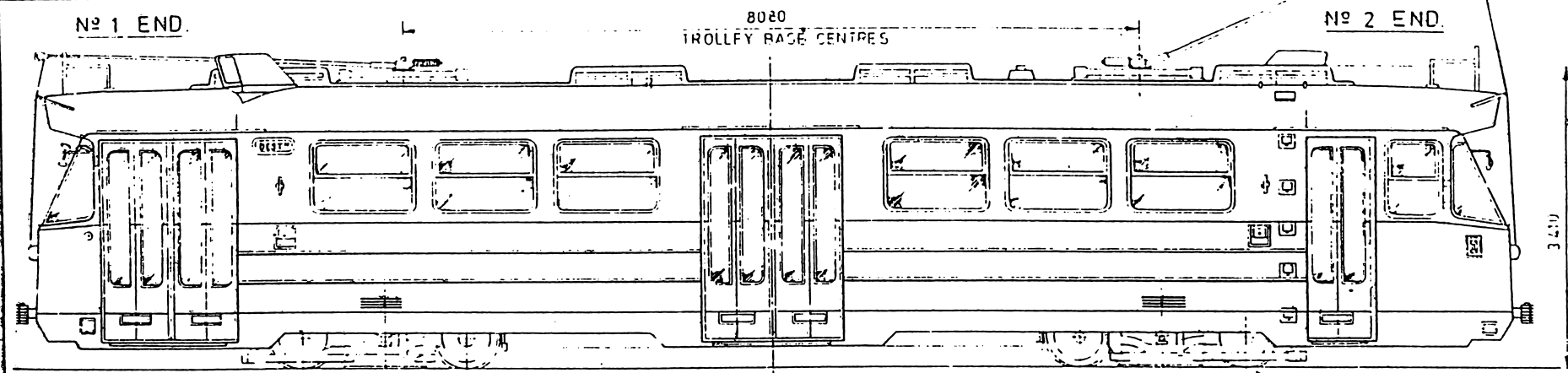


CLASS 'Z' TRAM.
(OUTSIDE DIMENSIONS)

MELBOURNE & METROPOLITAN TRAMWAYS BOARD			
DATE	CHIEF ENGINEER		
11-6-79	<i>[Signature]</i>		
DRAWN	CHECKED	PASSED	APPROVED
R.D.T.	H/7/6/79	[Signature]	[Signature]
R11-387	A		
SCALE :- 1:50			

PRINT SPEED 18

TRAM NUMBER	SEATED CAPACITY	LOADED CAPACITY	TRUCK	WHEEL BASE	MOTORS TYPE	CONTROL	WEIGHT [TONNES]		
							BODY	TRUCK	TARE
115 - 230	42	125	DUWAG	1800 8500	A.E.G. TYPE AP 3 J322 2 x 195 k.w.	A.E.G. SIEMENS	12.24	4.78	21.80



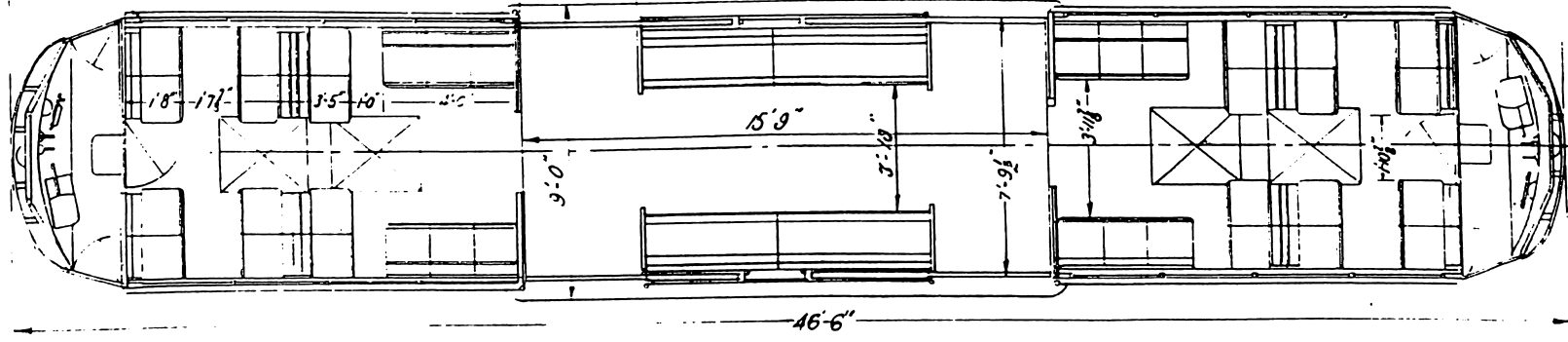
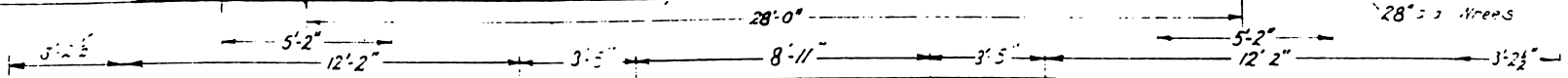
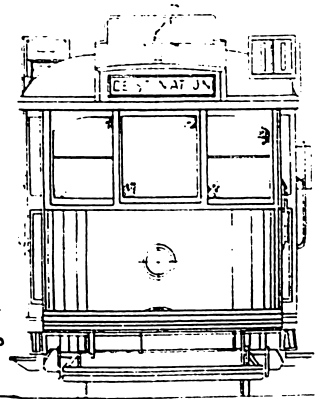
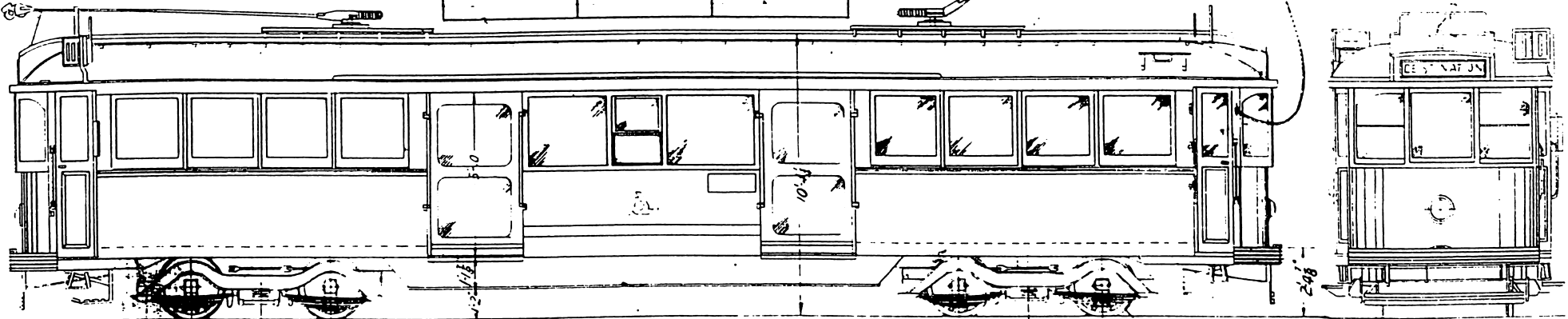
CLASS "Z3" TRAM

MELBOURNE & METROPOLIT TRAMWAYS BOARD			
DATE	CHIEF ENGINEER		
DRAWN	CHECKED	PASSED	APP
R.C.T.	H.H. 30/19		
R11-580		A	
SCALE - 1:50			

SEATED LOAD	CRUSH LOAD	TRUCK TYPE	WHEEL BASE	MOTORS		TARE TONS	CONTROLLERS / TRAM NOS		
				TYPE	HP		Q2-CK1	RC1	RC2
48	150	N ^o 15	5'-2" 28"	CE24TAX2	4x40	15.8	725, 731, 738, 742, 744, 747, 752, 758, 764, 769, 773, 777, 793, 796,	786, 797, 800, 809, 810, 812, 815, 819, 829, 830, 836, 838,	682, 740, 741, 805, 806, 807,

TRAM NUMBERS
AS AT 18-7-84.

REVISION
4 APPROVED 25.9.85 G.A.P.



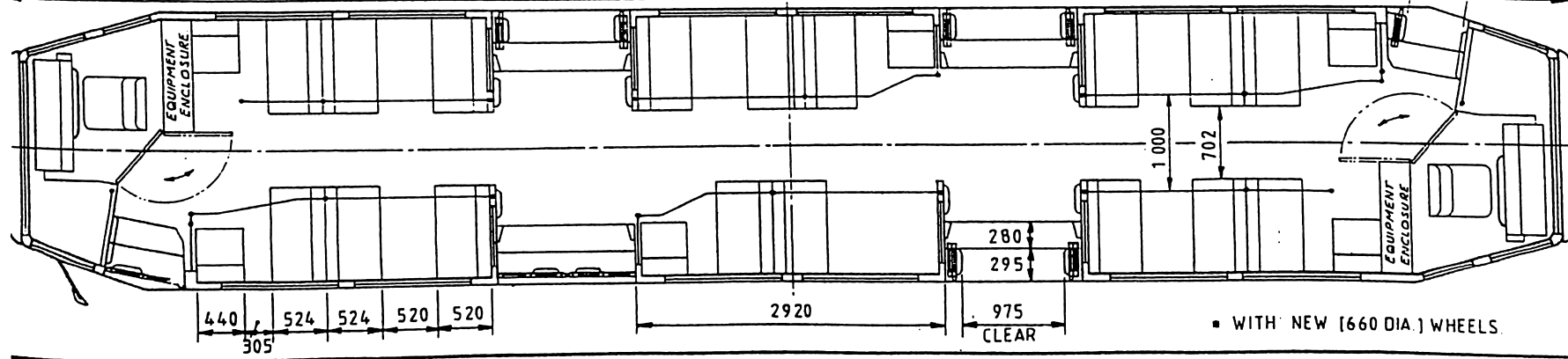
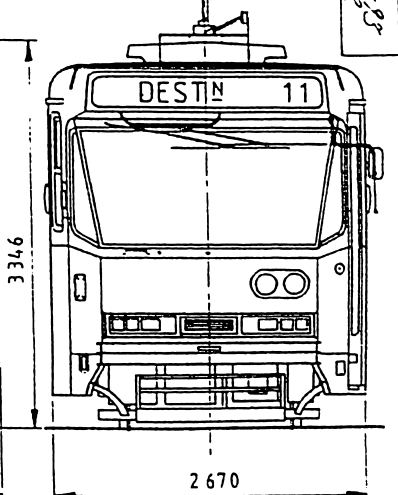
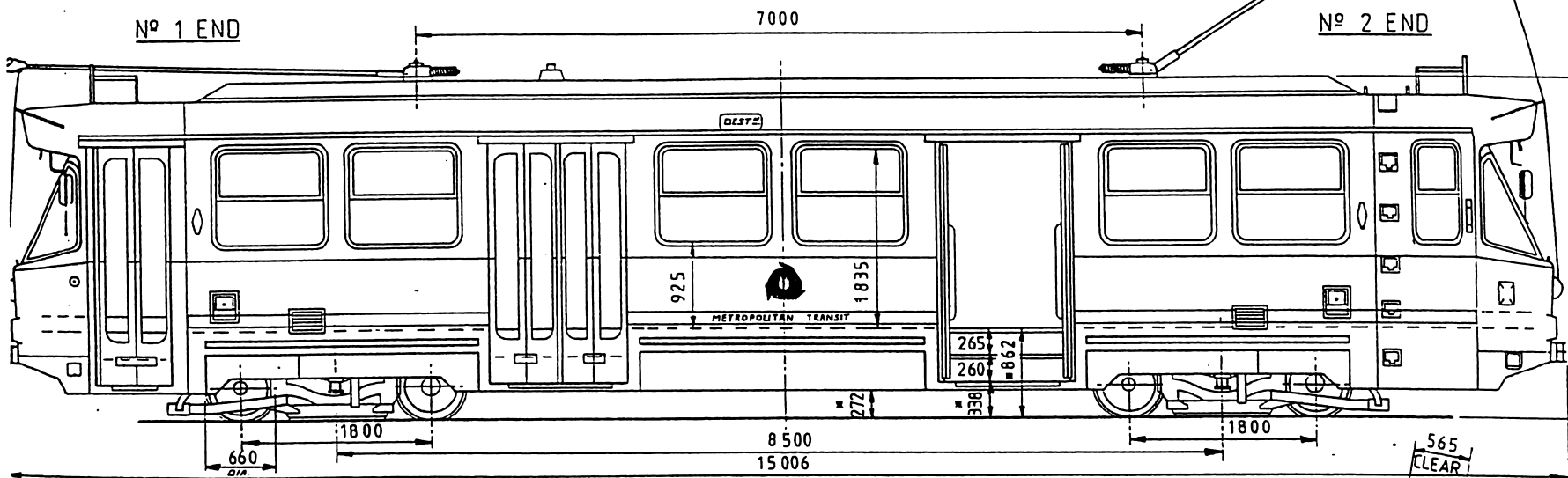
**CLASS W5
SLIDING DOOR CONVERSION**

METROPOLITAN TRANSIT AUTHORITY OF VICTORIA			
DATE	K. P. Hill		
20/1/84	GROUP MANAGER TRAM & BUS ENG		
DRAWN	CHECKED	PASSED	APPROVED
G.A.P.	H. Hill	G.S.	G.S.
R12-052	1/4		
SCALE			

TRAM NUMBERS	SEATED CAPACITY	LOADED CAPACITY	TRUCK	WHEEL BASE	MOTORS TYPE	k.W.	CONTROL	WEIGHT [TONNES]		
								BODY	TRUCK	TARE
31-282	42	117	DUWAG	1800 8500	A.E.G. TYPE ABS 3322 2x195 kW		A.E.G. SIEMENS	12.64	4.78	22.20

FOR THE METROPOLITAN TRANSIT AUTHORITY OF VICTORIA
 13-7-84

4
 13-7-84
 27-9-85
 R. TUCKER



CLASS 'A' TRAM

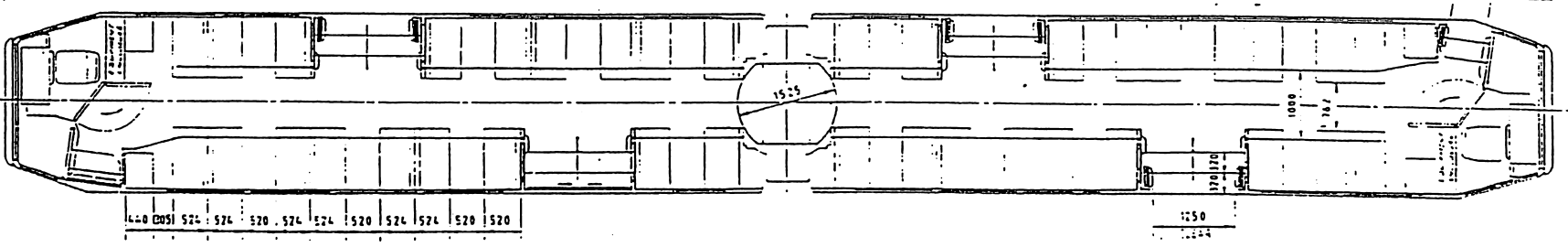
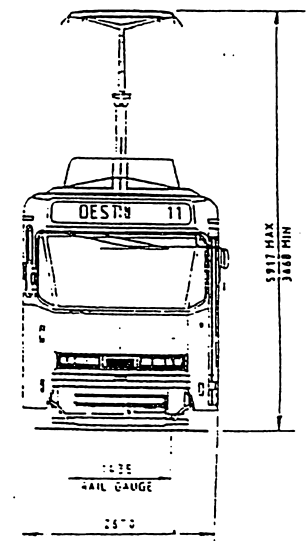
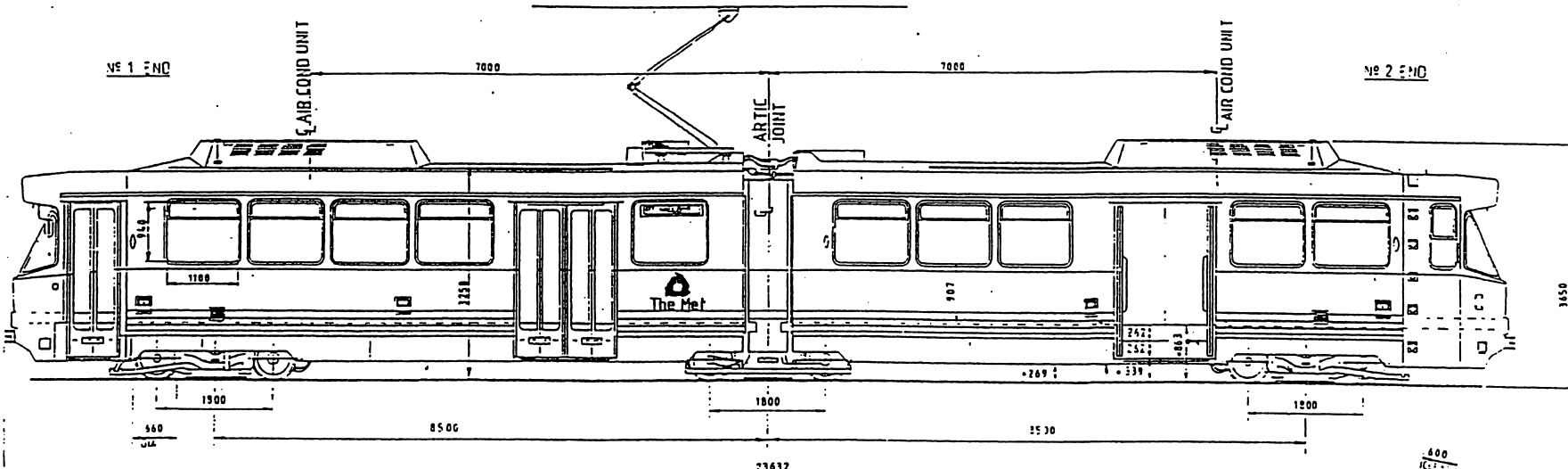
METROPOLITAN TRANSIT AUTHORITY OF VICTORIA			
DATE			
DRAWN R.D. TUCKER 13-7-84		GROUP MANAGER - TRAM & BUS ENG CHECKED PASSED APPROVED	
R12-062		A	
SCALE - 1:50			

WITH NEW [660 DIA.] WHEELS

TRAM NUMBERS	SEATED CAPACITY	% LOADED CAPACITY	TRUCK	WHEEL BASE	MOTORS TYPE	k.W	CONTROL	WEIGHT (TONNES)				MIN L CURVE = 16.46 M IN DEPOT
								BODY	TRUCKS	CONTROL	TARE	
2003 TO 2102	76	182	DUWAG	1800 9500	A.E.G. ABS 3322 TYPE 195 k.W		A.E.G. SIEMENS	21.39	4.75x2	3.11	34.00	

* BASED ON 6 PASSENGERS/M² OF STANDEE SPACE

21.39 4.75 3.11 34.00



* WITH NEW 1660 DIA TYRES

APPROVED 27.9.25 A.H.L.
AMENDMENTS 10WN CKD

GENERAL TOLERANCING
Unless otherwise specified tolerances on nominal dimensions are to be $\pm 0.5\text{mm}$ & tolerances on dimensions to first decimal place $\pm 0.1\text{mm}$

John P. ...
ENGINEER
DESIGNED
14.12.19
L.H. ...
DRAWN

REFERENCE ORGS

CHECKED

ALL DIMENSIONS ARE IN MILLIMETRES

GENERAL ARRANGEMENT
ARTICULATED TRAM
CLASS "B2"

MANAGER TRAM & BUS FLEET SUPPORT	
SCALE	1:50
IN SERVICE	
INDEX	