

MELBOURNE & METROPOLITAN TRAMWAYS BOARD

ELECTRIC TRAMCARS

Amended 24-3-24

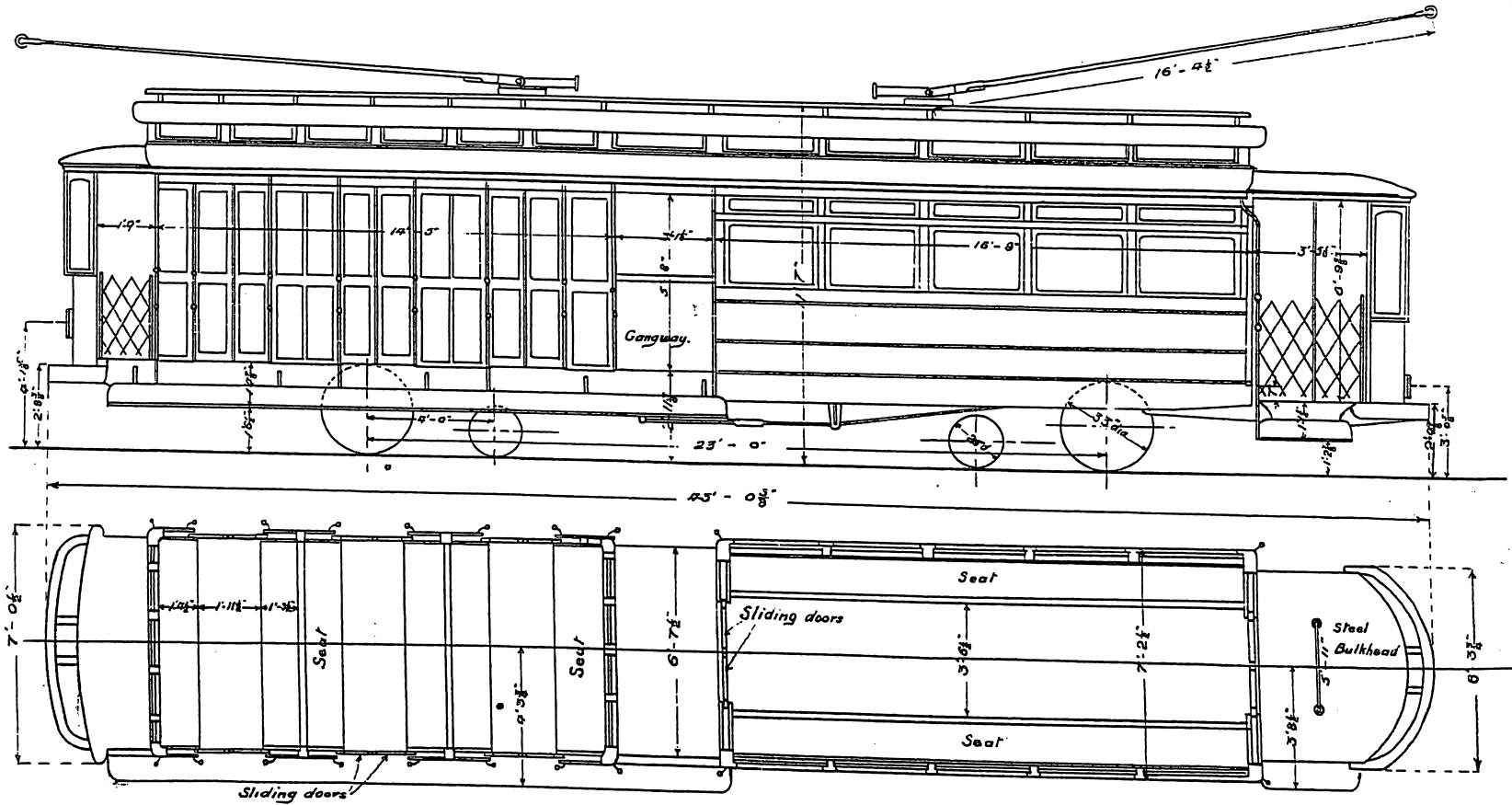
	CAR NO	TYPE OF BODY	SEATING CAPACITY	TRUCK	WHEEL BASE	MOTORS	HORSE POWER	TARE TONS	CONTROLLERS	COMPRESSORS
A	1-10	COMB.	36	21 E.	6'-6"	M.H.205	2-33	11.850	N.H.T.F.	D.H.10
A	11	"	"	"	"	M.H.205	2-33	"	"	"
A	12-20	"	"	"	"	M.H.205	2-33	"	N.H.T.F.	"
B	21-24	"	"	"	"	G.E.202	2-50	11.975	G.E.230	"
C	25-35	DROP 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	"	"
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	K.35 A.A.2 (106 P.C.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	K.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
M0	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	K.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"	M.H.210	"	"	G.E.230	C.P.25
"	538 CARS	STANDARD	22	"	6'-0"	"	"	2.863	"	HAND BRAKE
"	63 "	BOGIE	34	BOGIE	4'-0"	"	"	2.488	"	"
"							A-4			

- NEW CARS
- * COBURG CARS
- HANTHORN
- FOOTSCRAY

GENERAL DATA OF TRAM CARS

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

PRAHRAN AND MALVERN TRAMWAYS TRUST.

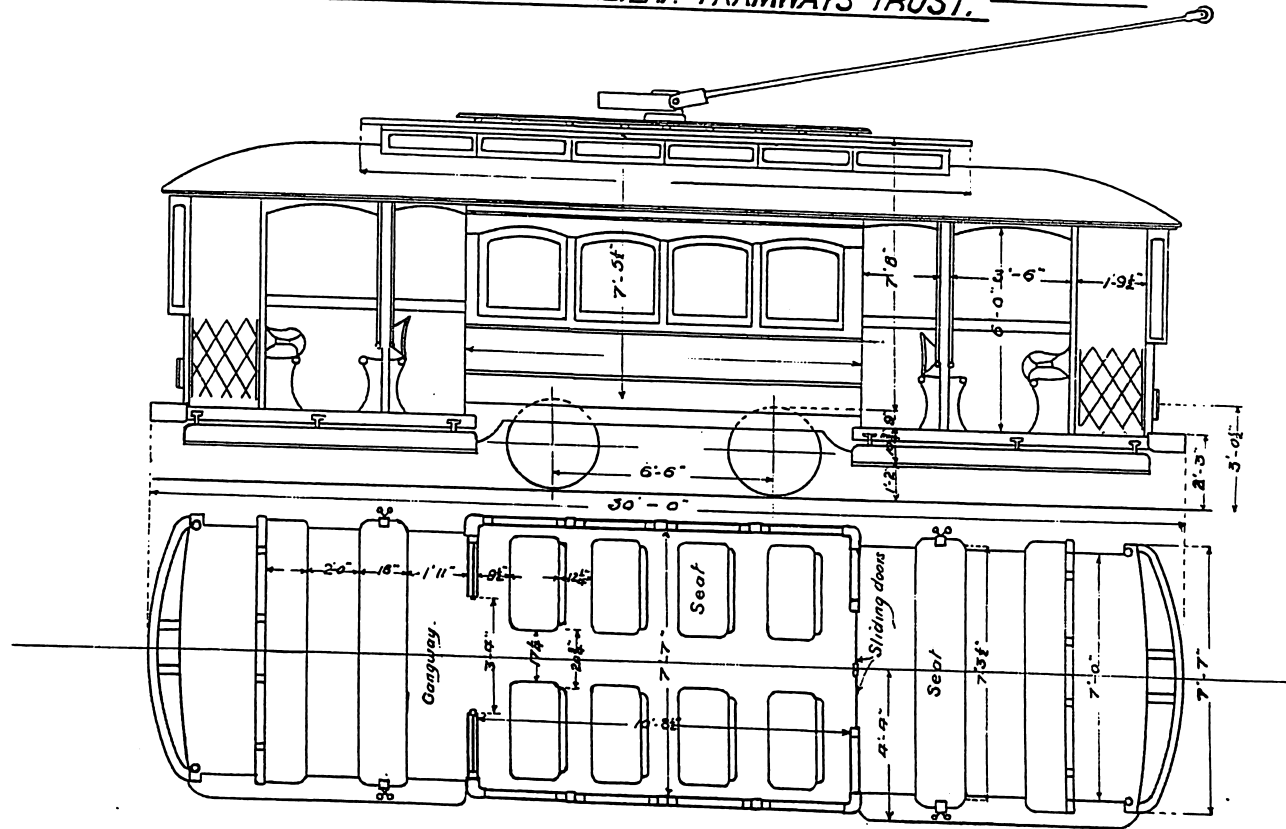


DWG No 160.

— BOGIE CLOSED CAR —

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

PRAHRAN AND MALVERN TRAMWAYS TRUST.



COMBINATION CAR

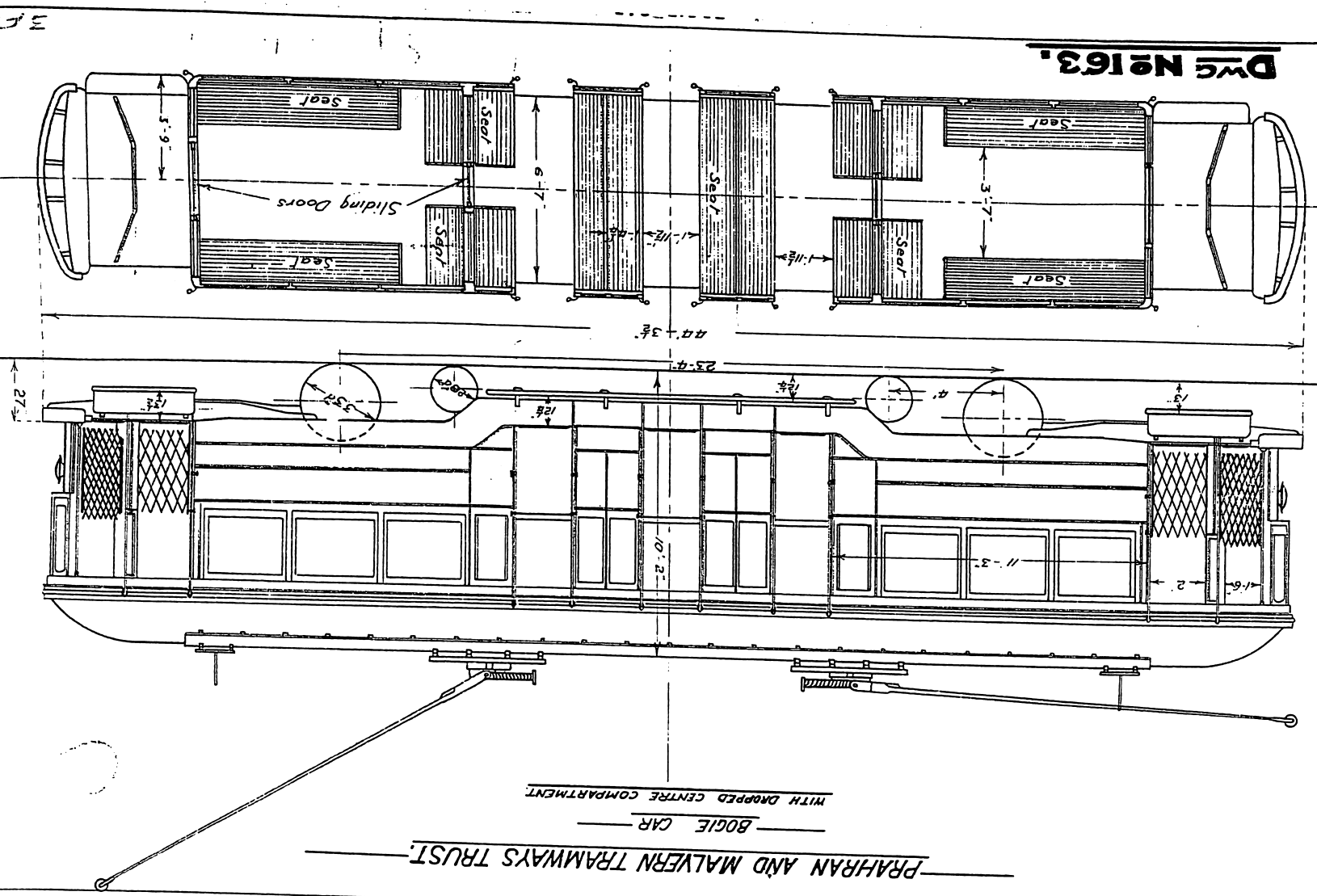
Scale $\frac{1}{2}$ " to 1 foot

DWG No 161

PRAHRAN AND MALVERN TRAMWAYS TRUST.

BOGIE CAR

WITH DROPPED CENTRE COMPARTMENT



DWC No 163.

3 F.

PRAHRAN AND MALVERN TRAMWAYS TRUST

DWG No 164.

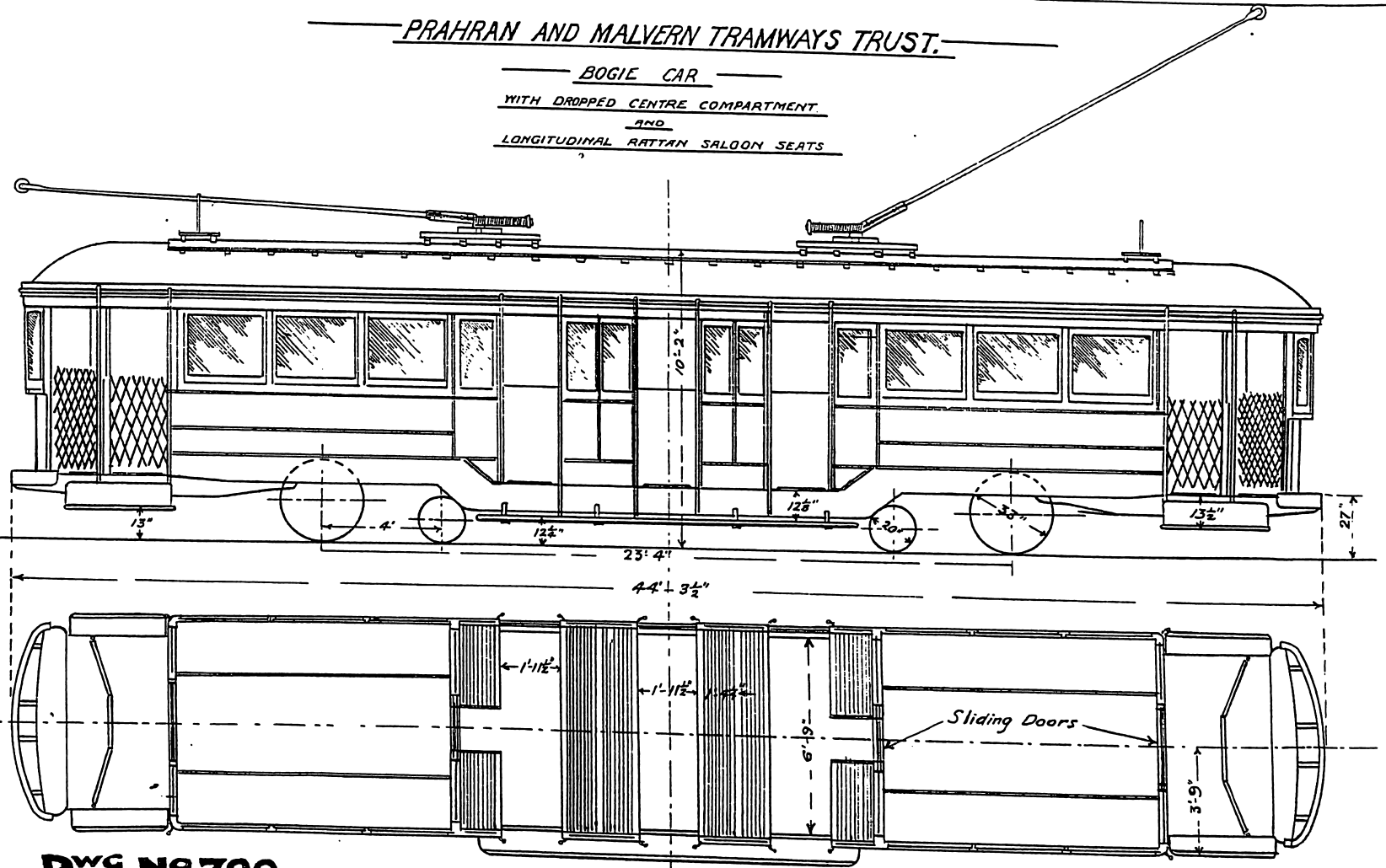
SUMMER CAR



PRAHRAN AND MALVERN TRAMWAYS TRUST.

BOGIE CAR

WITH DROPPED CENTRE COMPARTMENT
AND
LONGITUDINAL RATTAN SALOON SEATS



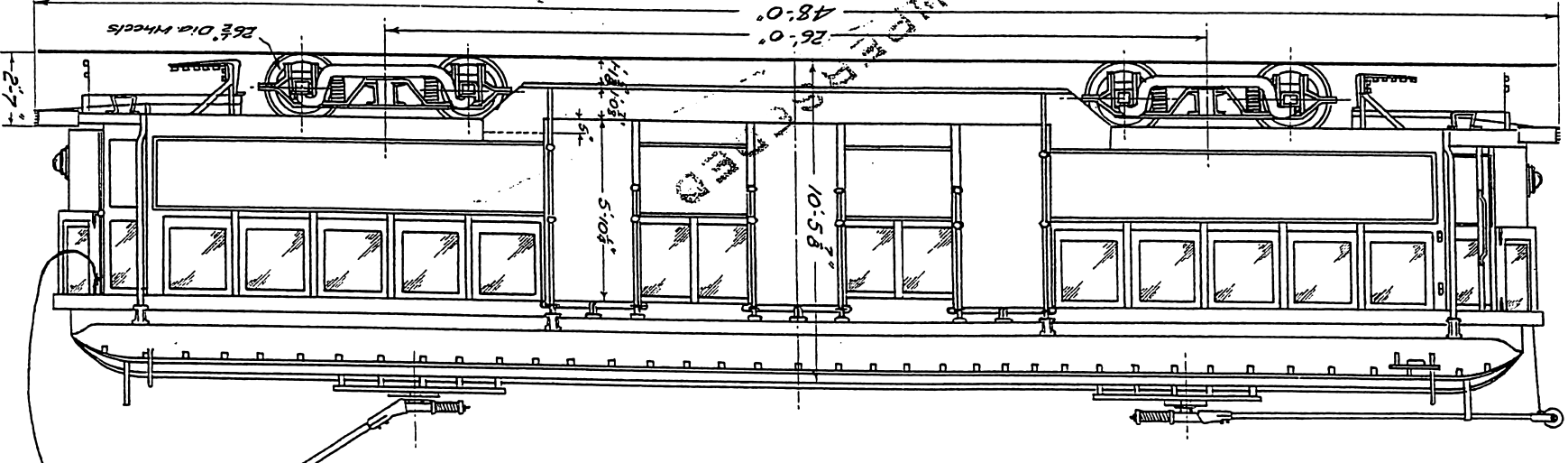
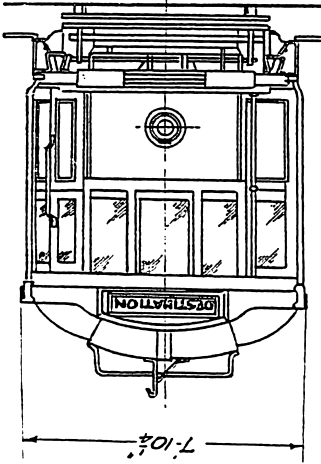
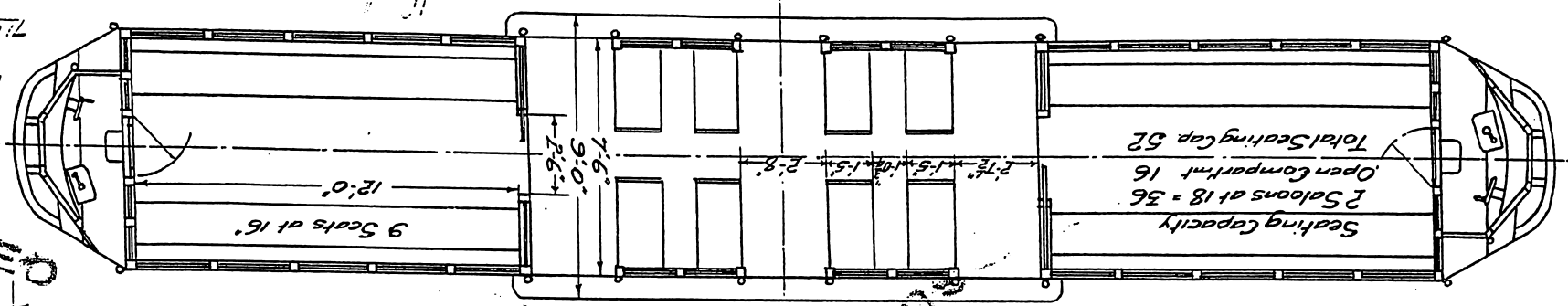
DWC No 700.

C.C. 8-1-16.

R 2461

18-11-31
 7:00 PM
 "W" Cars converted to "M"
 "M" Cars converted to "W"

**CLASS W
 SUPERSEDED**



CAR	SEARD	LOAD	TRUCK	WEIGHT	REMARKS
52	183	NO	52	52	52
51	183	NO	51	51	51
50	183	NO	50	50	50
49	183	NO	49	49	49
48	183	NO	48	48	48
47	183	NO	47	47	47
46	183	NO	46	46	46
45	183	NO	45	45	45
44	183	NO	44	44	44
43	183	NO	43	43	43
42	183	NO	42	42	42
41	183	NO	41	41	41
40	183	NO	40	40	40
39	183	NO	39	39	39
38	183	NO	38	38	38
37	183	NO	37	37	37
36	183	NO	36	36	36
35	183	NO	35	35	35
34	183	NO	34	34	34
33	183	NO	33	33	33
32	183	NO	32	32	32
31	183	NO	31	31	31
30	183	NO	30	30	30
29	183	NO	29	29	29
28	183	NO	28	28	28
27	183	NO	27	27	27
26	183	NO	26	26	26
25	183	NO	25	25	25
24	183	NO	24	24	24
23	183	NO	23	23	23
22	183	NO	22	22	22
21	183	NO	21	21	21
20	183	NO	20	20	20
19	183	NO	19	19	19
18	183	NO	18	18	18
17	183	NO	17	17	17
16	183	NO	16	16	16
15	183	NO	15	15	15
14	183	NO	14	14	14
13	183	NO	13	13	13
12	183	NO	12	12	12
11	183	NO	11	11	11
10	183	NO	10	10	10
9	183	NO	9	9	9
8	183	NO	8	8	8
7	183	NO	7	7	7
6	183	NO	6	6	6
5	183	NO	5	5	5
4	183	NO	4	4	4
3	183	NO	3	3	3
2	183	NO	2	2	2
1	183	NO	1	1	1

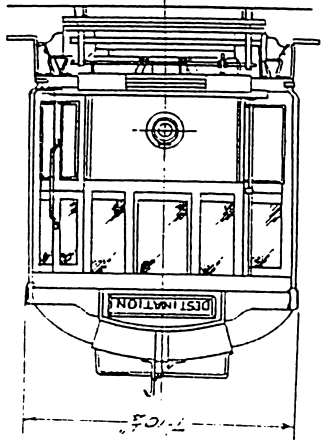
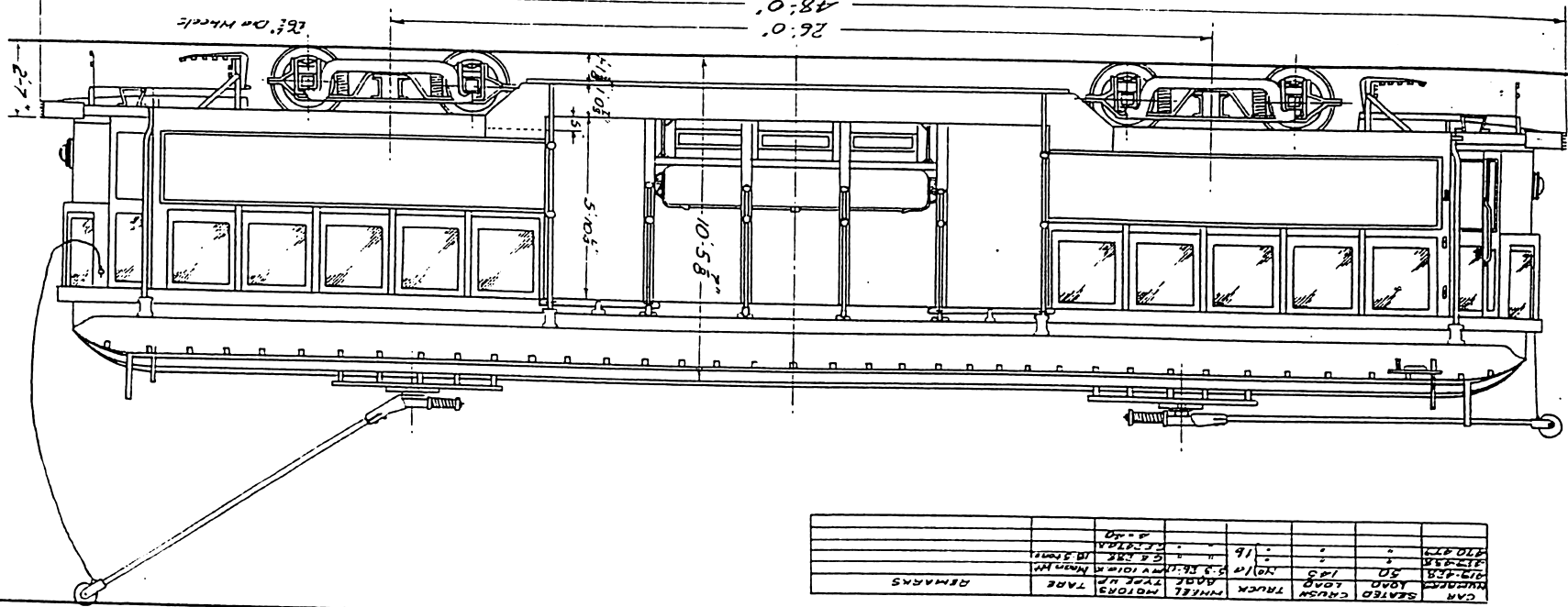
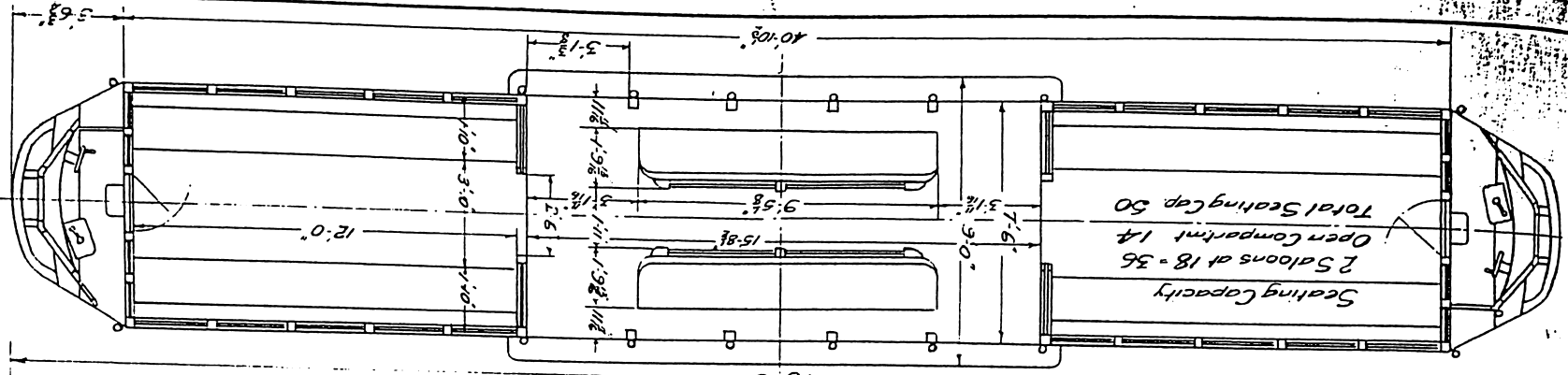
R 2460

CLASS W1

OB

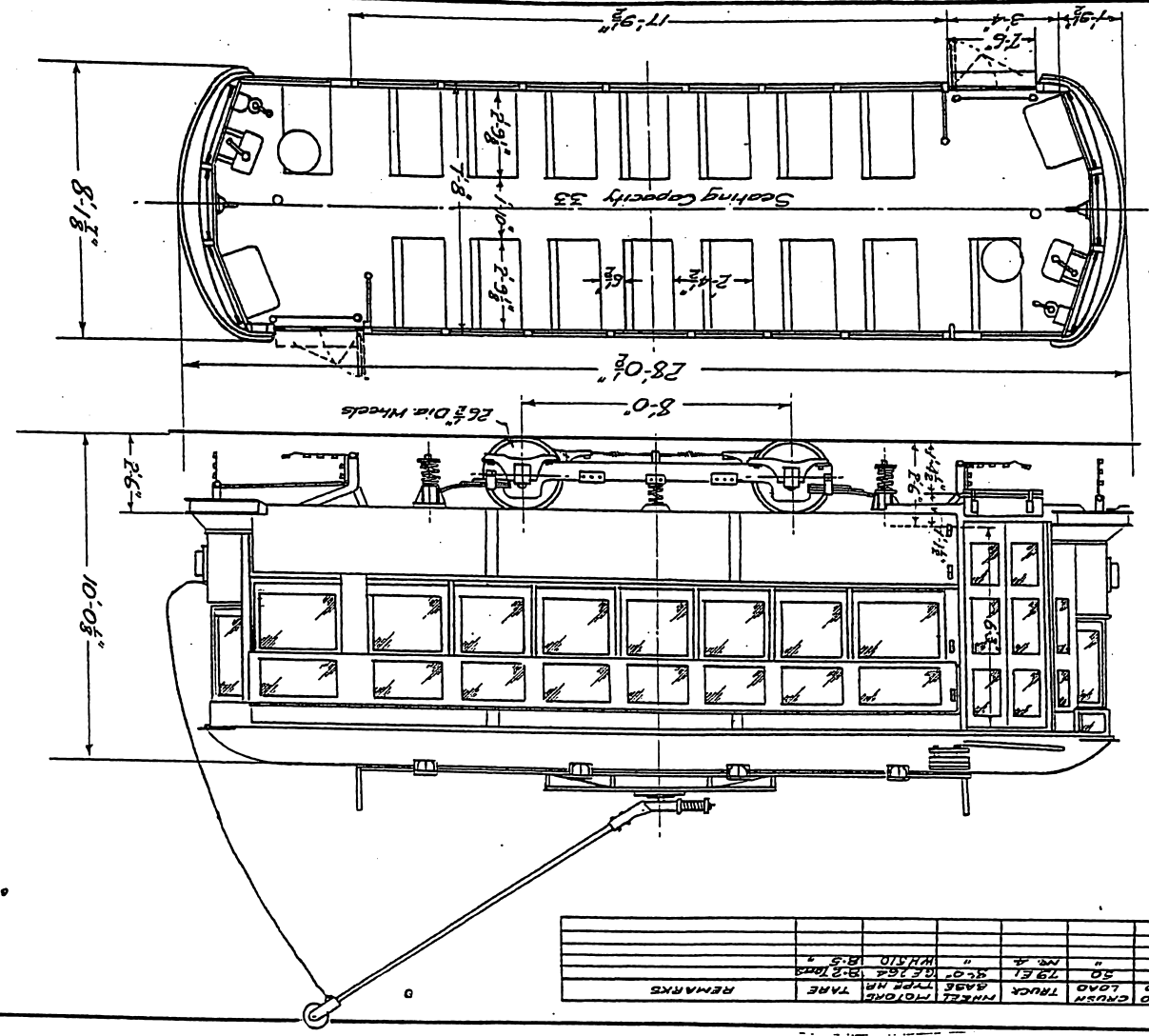
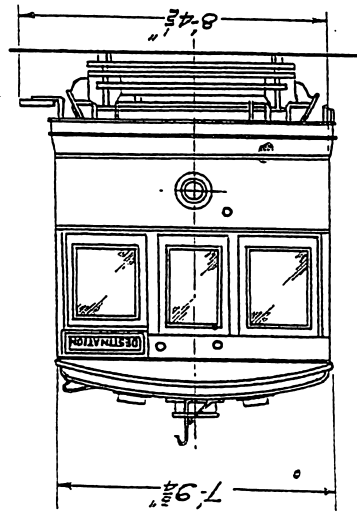
WZ & SWZ

Converted to Class



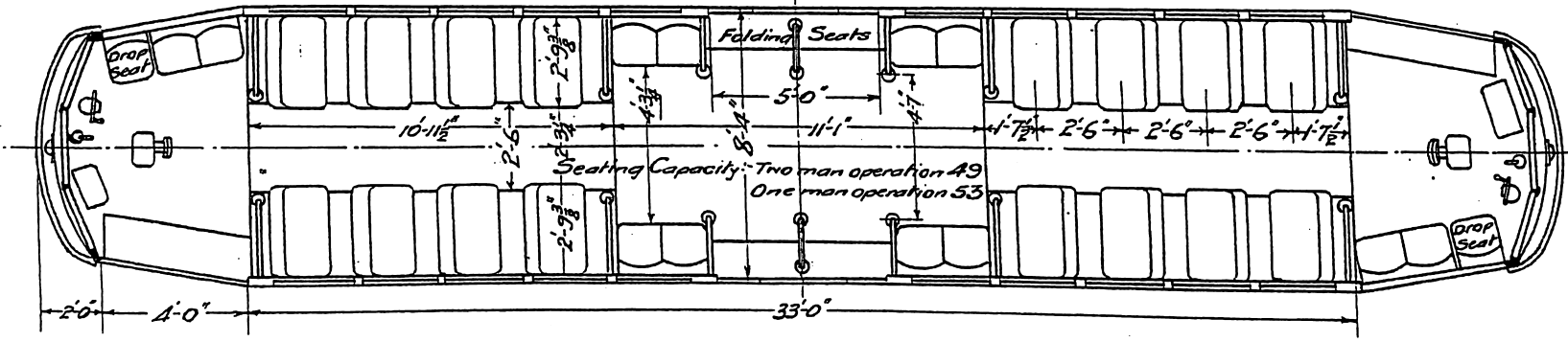
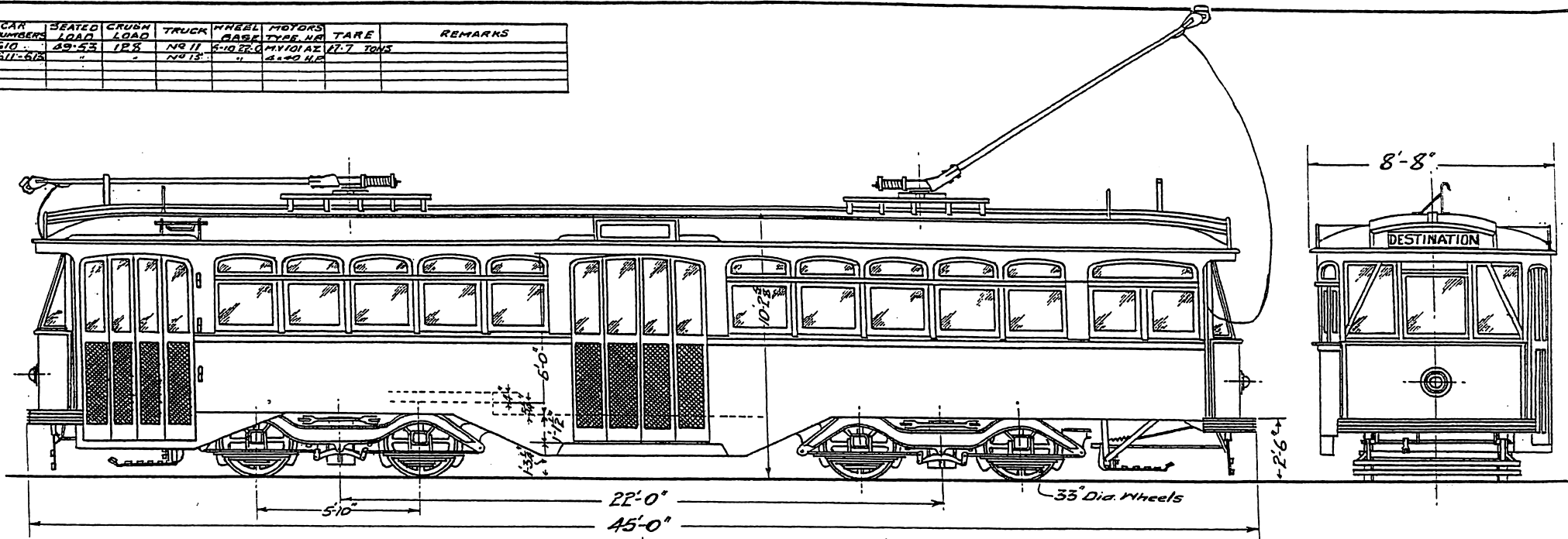
CAR	SEATED	CASH	TRUCK	WHEEL	WHEELS	TARE	REMARKS
10471	0	0	0	0	0	0	
10472	0	0	0	0	0	0	
10473	0	0	0	0	0	0	
10474	0	0	0	0	0	0	
10475	0	0	0	0	0	0	
10476	0	0	0	0	0	0	
10477	0	0	0	0	0	0	
10478	0	0	0	0	0	0	
10479	0	0	0	0	0	0	
10480	0	0	0	0	0	0	
10481	0	0	0	0	0	0	
10482	0	0	0	0	0	0	
10483	0	0	0	0	0	0	
10484	0	0	0	0	0	0	
10485	0	0	0	0	0	0	
10486	0	0	0	0	0	0	
10487	0	0	0	0	0	0	
10488	0	0	0	0	0	0	
10489	0	0	0	0	0	0	
10490	0	0	0	0	0	0	
10491	0	0	0	0	0	0	
10492	0	0	0	0	0	0	
10493	0	0	0	0	0	0	
10494	0	0	0	0	0	0	
10495	0	0	0	0	0	0	
10496	0	0	0	0	0	0	
10497	0	0	0	0	0	0	
10498	0	0	0	0	0	0	
10499	0	0	0	0	0	0	
10500	0	0	0	0	0	0	

CLASS X

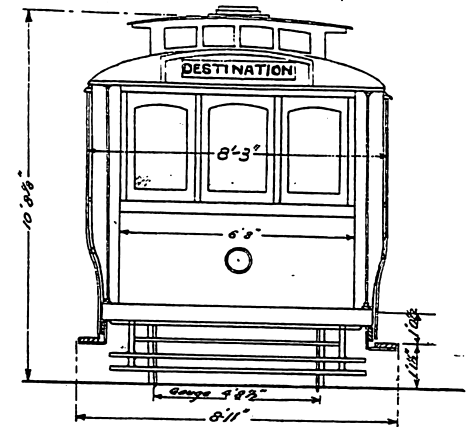
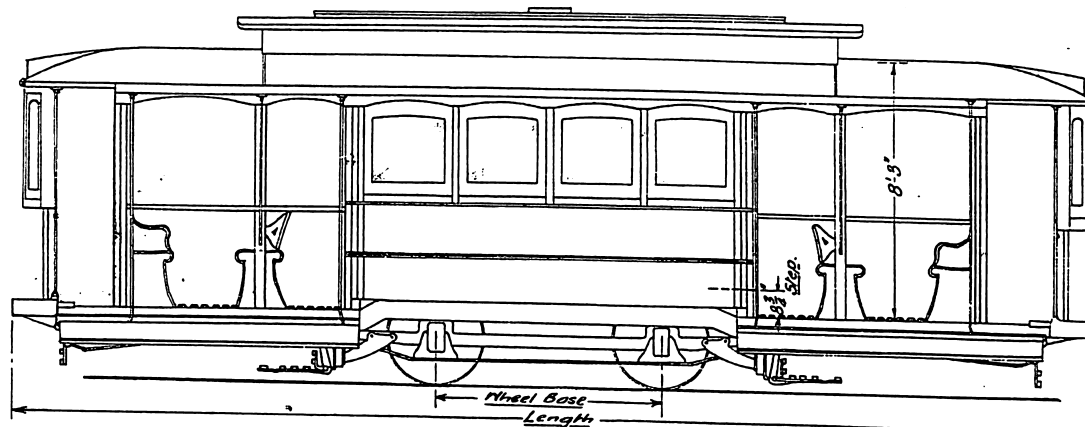


CAR	SEATED	CROSS	TRUCK	INNET	FOR	TAPE	REMARKS
NUMBER	50	50	50	50	50	50	
LOAD	50	50	50	50	50	50	
TYPE	50	50	50	50	50	50	
DATE	50	50	50	50	50	50	
REMARKS	50	50	50	50	50	50	

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	11101A2	17.7 TONS	
611-612			NO 12	"	2-400 H.P.		



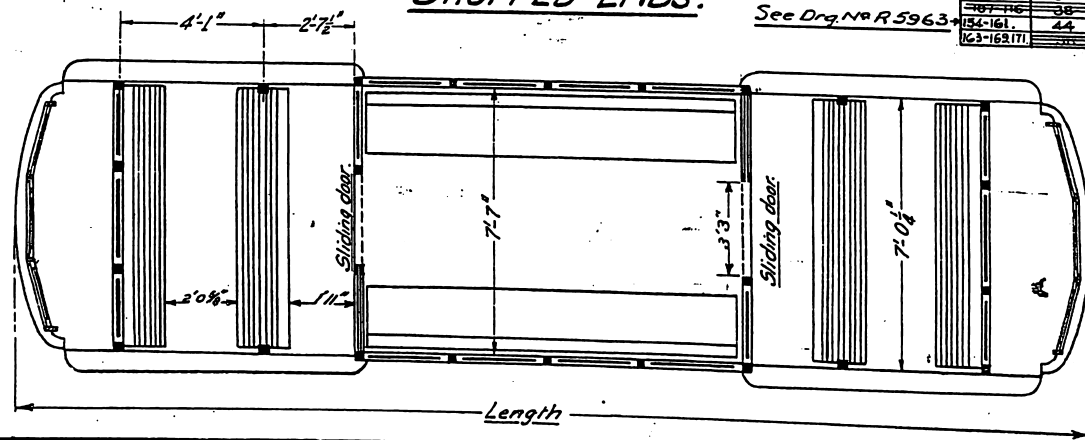
CLASS Y1



— 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 20HP		30'-11 1/2"	
25-28	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
29-32	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
33	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
34-37	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
38-41	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
42-45	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
46-49	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
50-53	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
54-57	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
58-61	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
62-65	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
66-69	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
70-73	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
74-77	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
78-81	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
82-85	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
86-89	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
90-93	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
94-97	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
98-101	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
102-105	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
106-109	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
110-113	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
114-117	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
118-121	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
122-125	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
126-129	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
130-133	36	90	B1E	6'-6"	GE 208 2-30 11-00 20HP		30'-11 1/2"	
134-161	44	110	B1E	6'-0"	GE 241 2-30 12-40 24HP		35'-0"	3/GE 241 Motors replaced with GE 202 2x 50HP
162-169	44	110	B1E	6'-0"	GE 241 2-30 12-40 24HP		35'-0"	
170-171	44	110	B1E	6'-0"	GE 241 2-30 12-40 24HP		35'-0"	

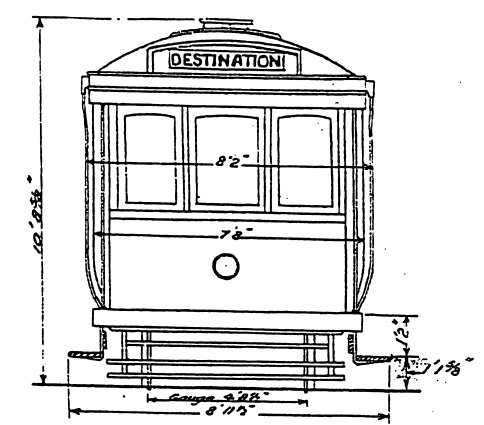
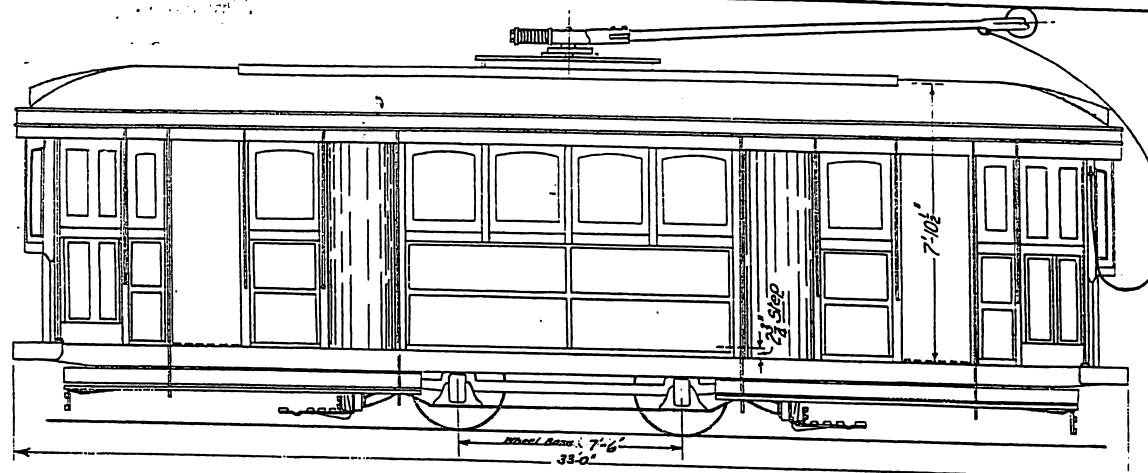


All above Cars except Nos. 154-161. 163-169. 171.
now out of service.

H.S. 6-9-43.

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

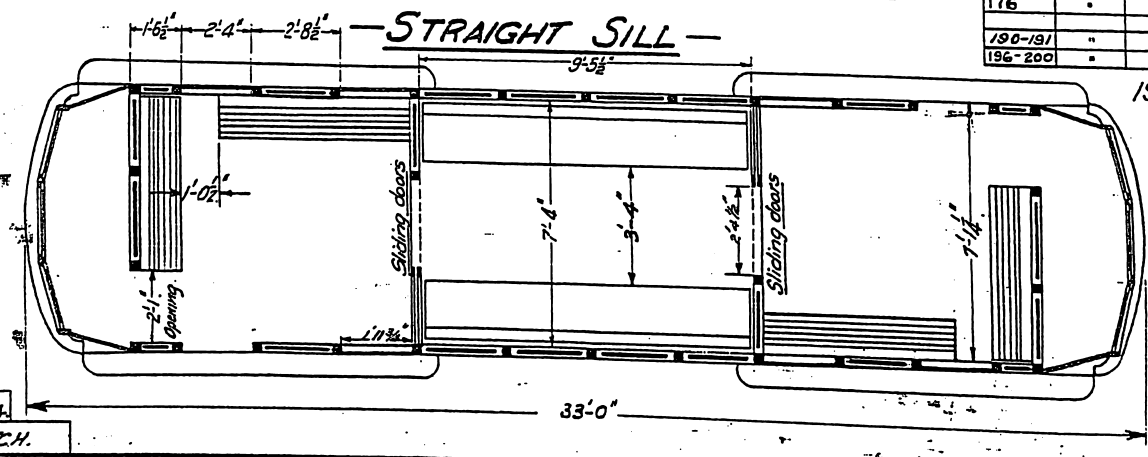
CLASS
A
R3076



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 —

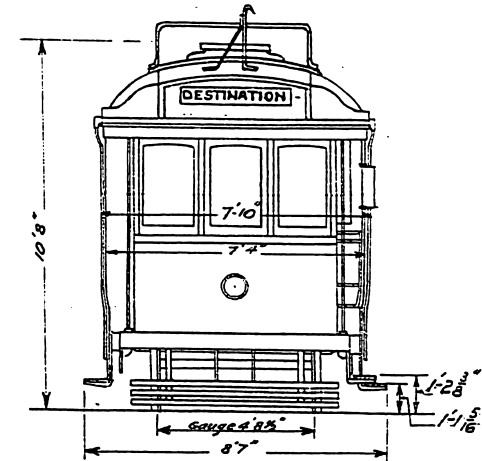
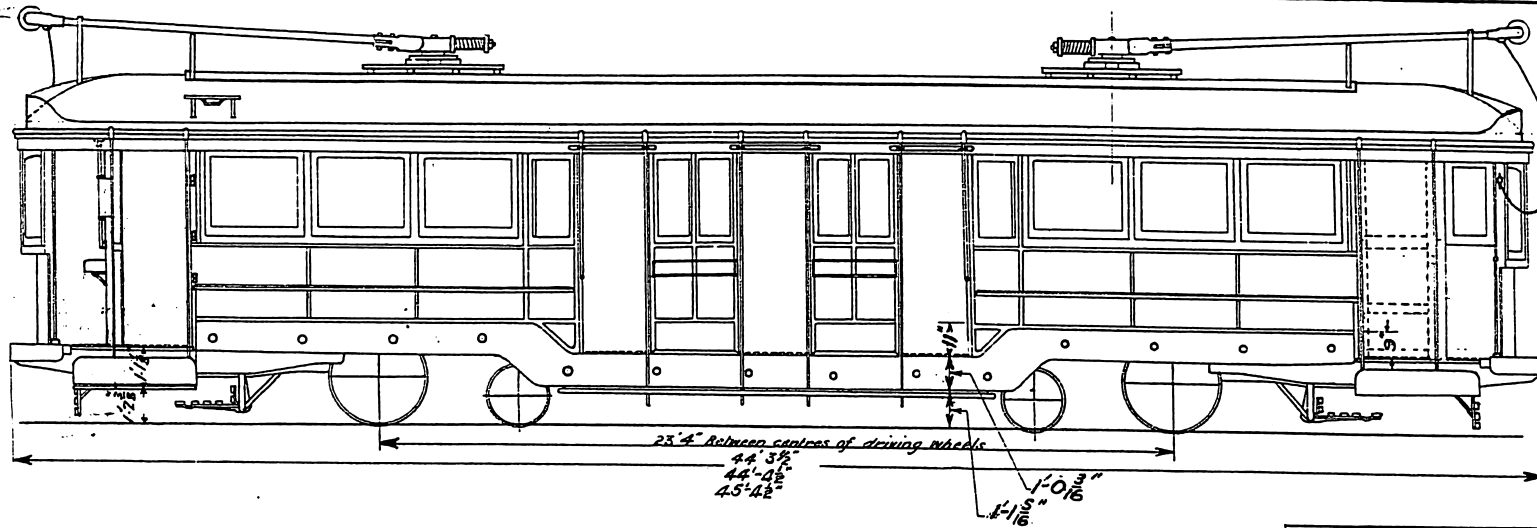


190 Instruction Car Camberwell Depot.
 Converted to One-man Cars
 as shown. 10.9.44. H.S.
 28 Seated passengers.

**CLASS
G**

R 3077

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

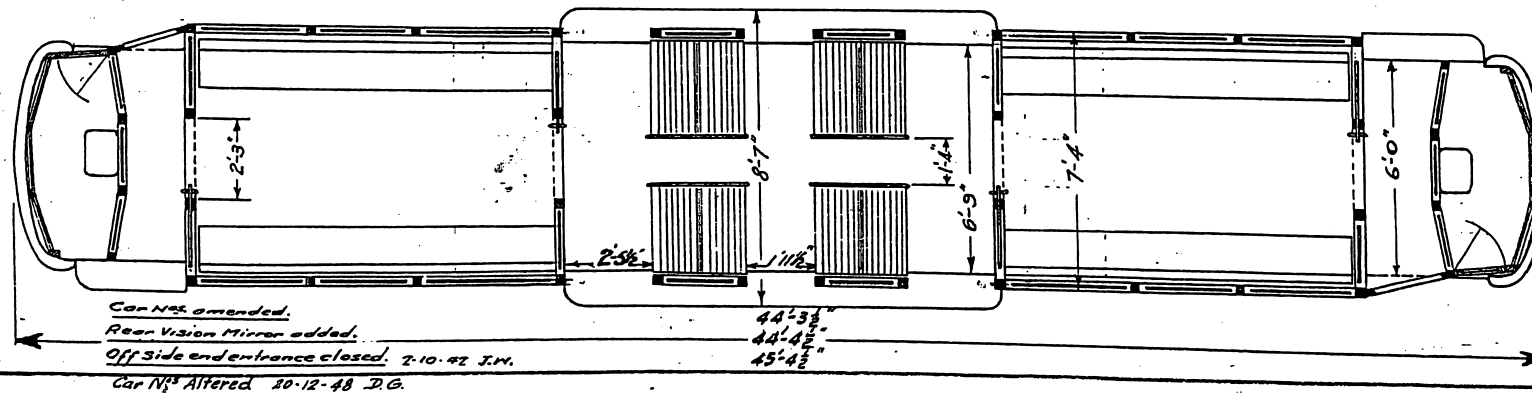


DROPPED CENTRE BOGIE CAR

Sold -

- MAXIMUM TRACTION -

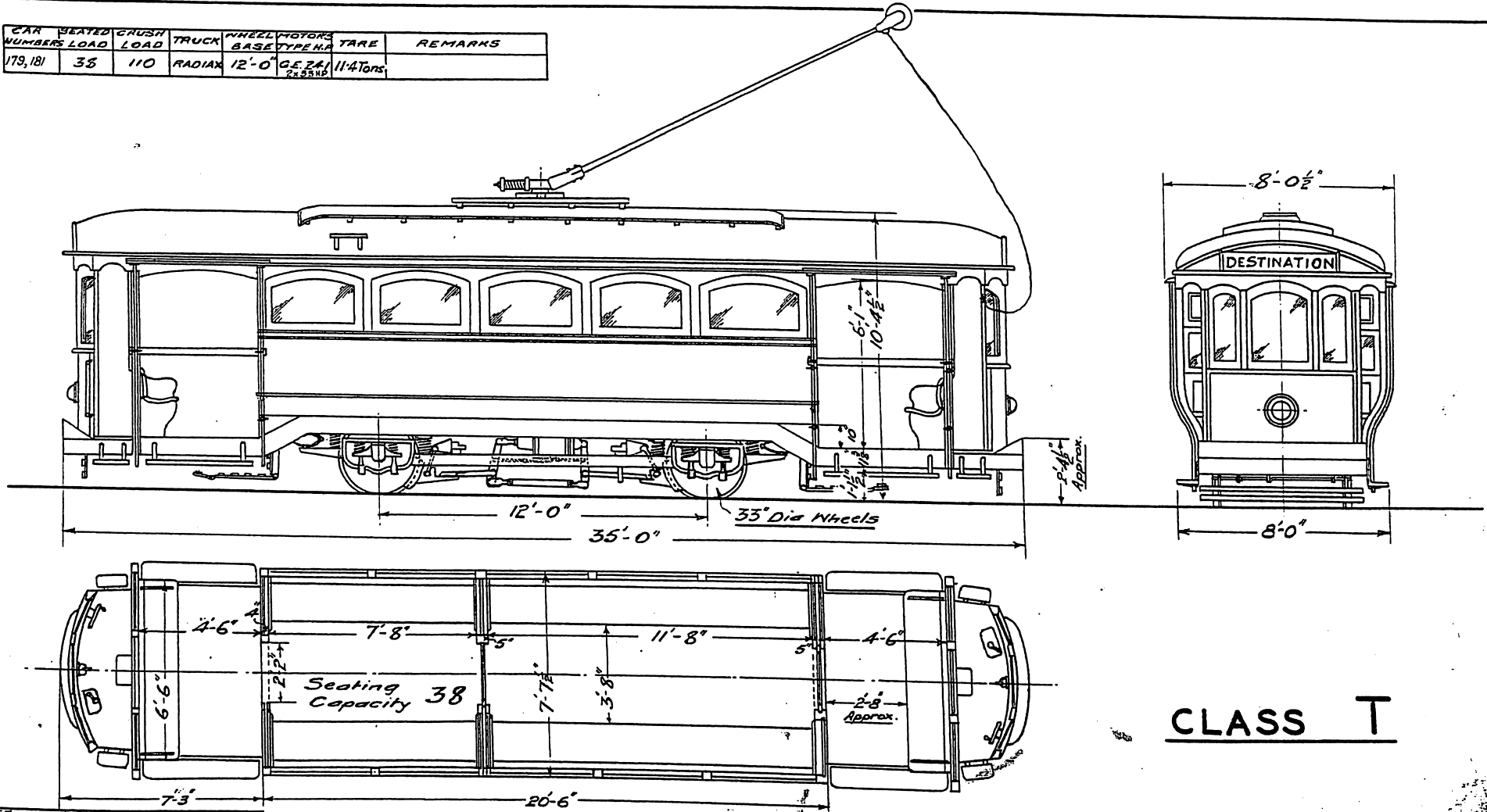
CAR NUMBERS	SEATED LOAD	CRUSH LOAD	TRUCK	WHEEL BASE	MOTORS TYPE HP.	TARE	CONTROL	REMARKS
37-42, 20, 23	48	140	22 E	4'-0" 23'-4"	GE 2016 2-65	15-45 TONS	K 36 J.R.	
117, 120, 122-124, 126	44	140	22 E	4'-0" 22'-7"	GE 2016 2-65	16-00 TONS	B 23 D	8 Doors
131, 133, 135, 137, 138	44	146	22 E	4'-0" 25'-7"	GE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



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

**CLASS
 C
 R 3078**

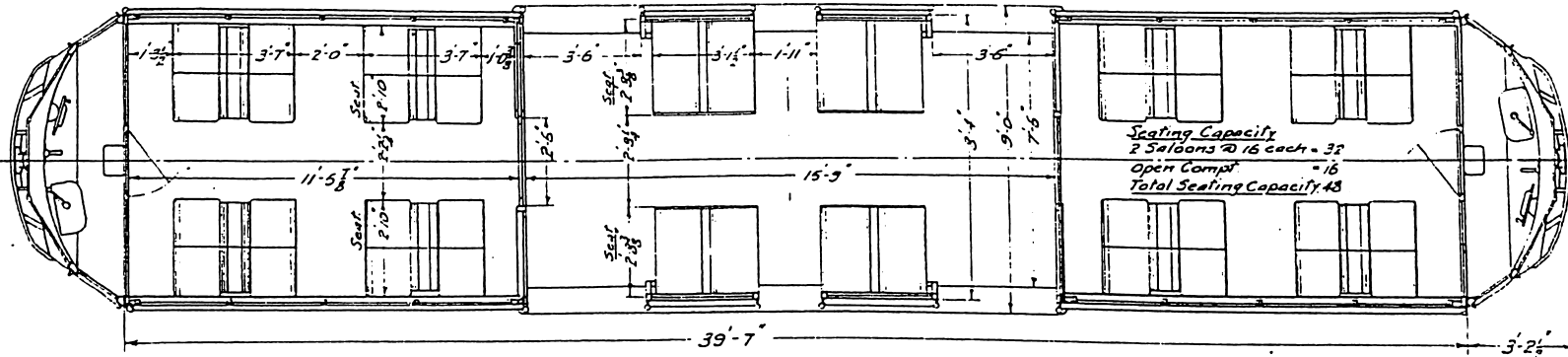
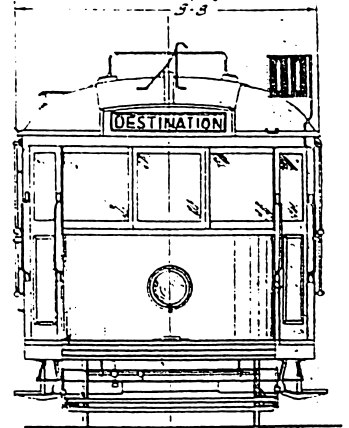
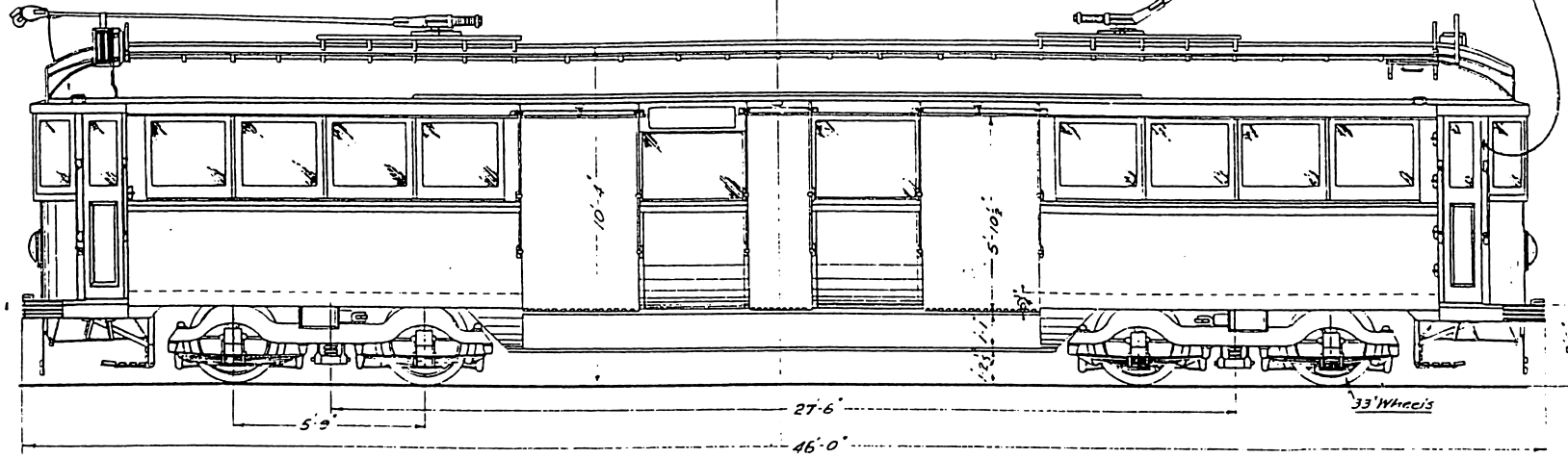
CAR NUMBERS	BEATED LOAD	CRUSH LOAD	TRUCK	WHEEL BASE	WHEEL TYPE	TONS TARE	REMARKS
179, 181	35	110	RADIAX	12'-0"	CE 241	11.4 Tons	



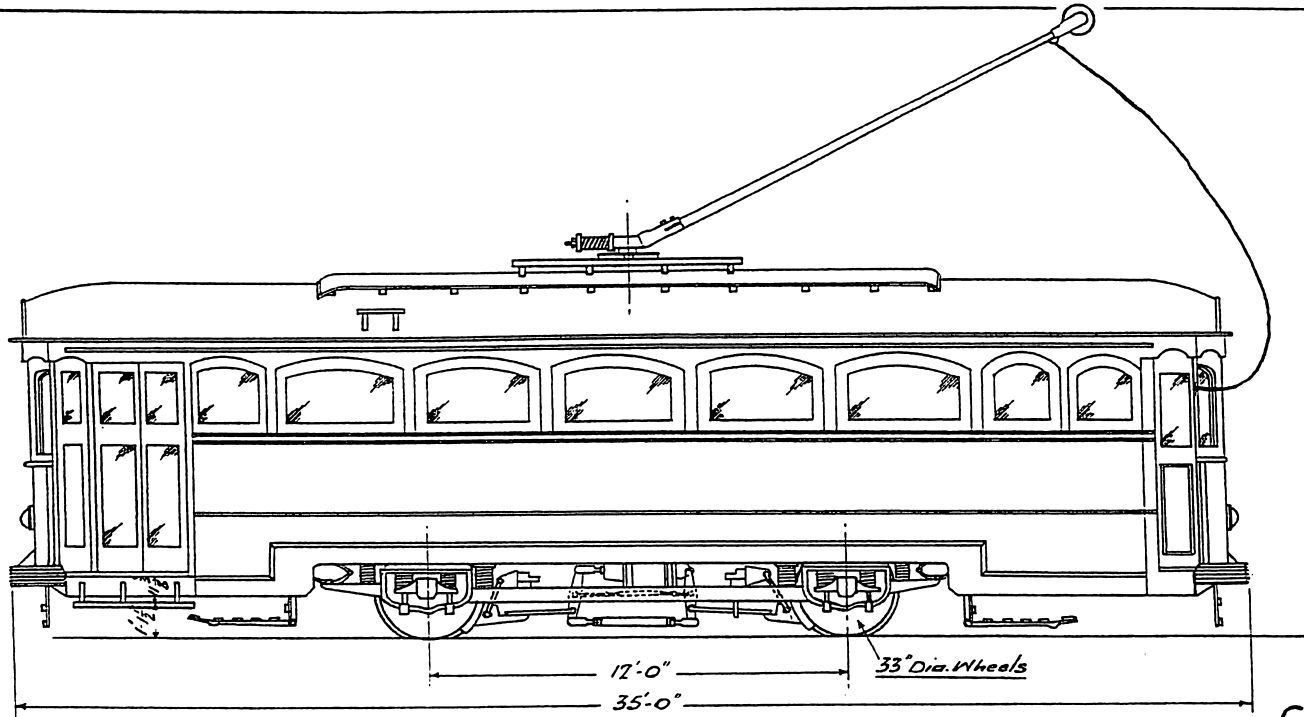
CLASS T

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 & HP.	Tare.	CONTROL
670-674	48	150	N#3c	5'-9" 27-6"	M, 193 (4 x 20) M101A2 (4 x 40)	1647 lbs	K 35 J J

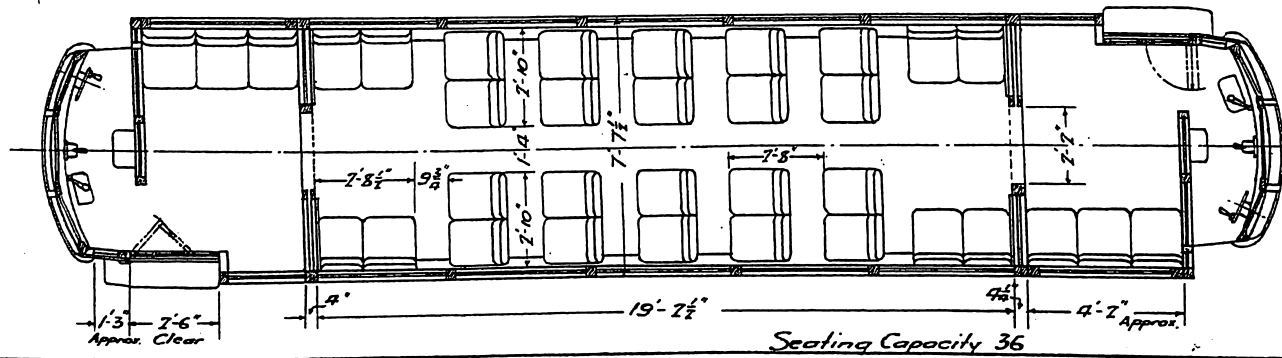


CLASS W4.
R 3812.



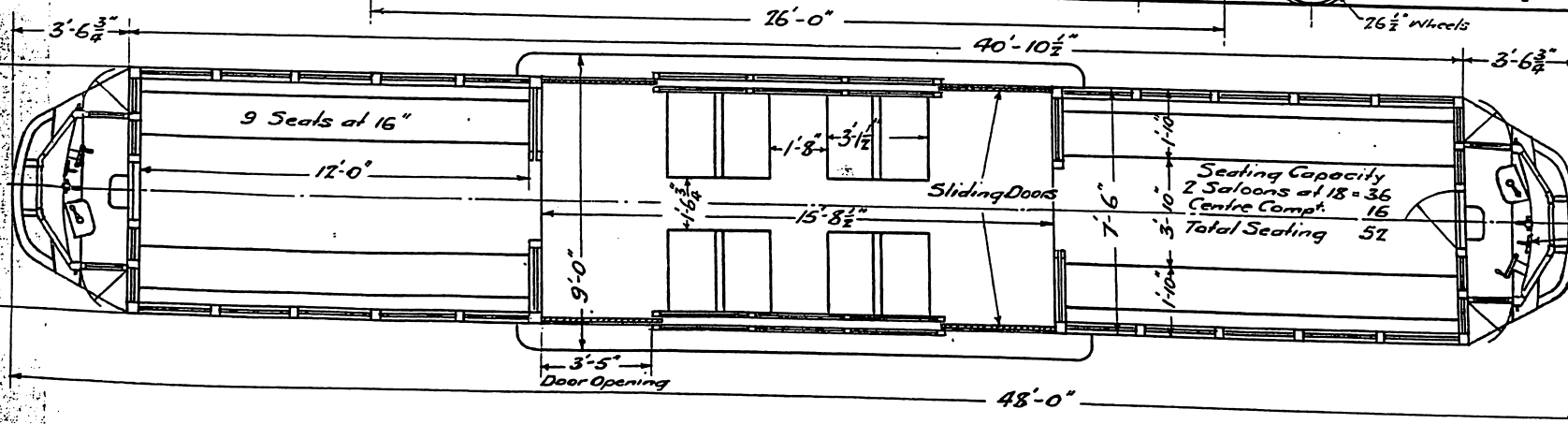
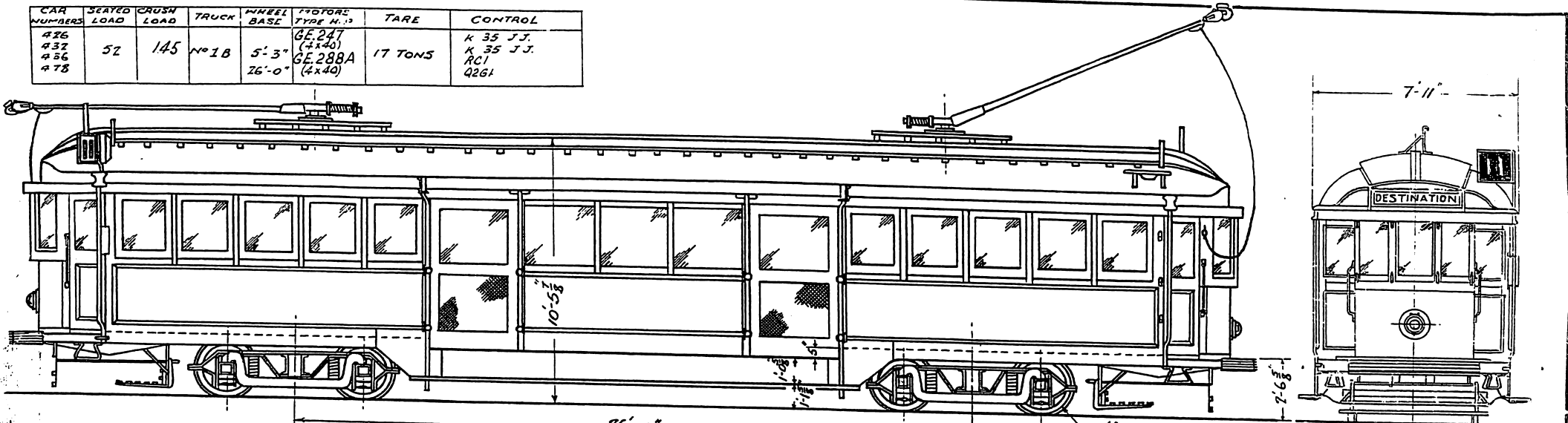
CLASS T CAR
ARRANGEMENT FOR
ONE-MAN OPERATION

Car No 178



R 4382

CAR NUMBERS	SEATED LOAD	CRUSH LOAD	TRUCK	WHEEL BASE	MOTORS TYPE & N. 13	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		RC1
478					(4x40)		Q261



CLASS SW2

Seating Arrangement A

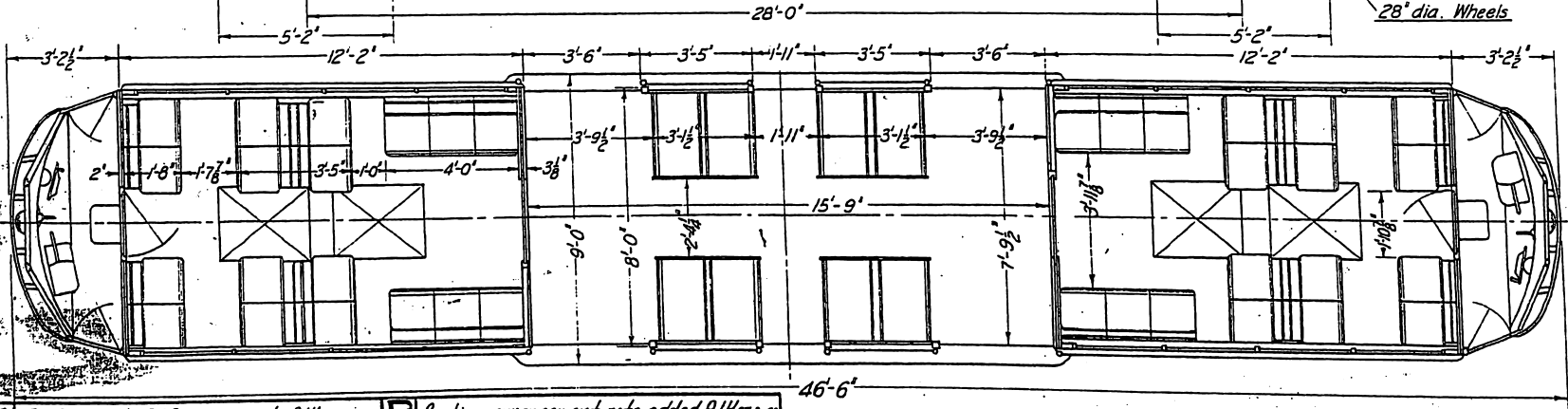
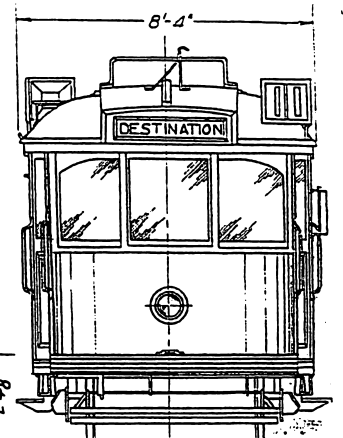
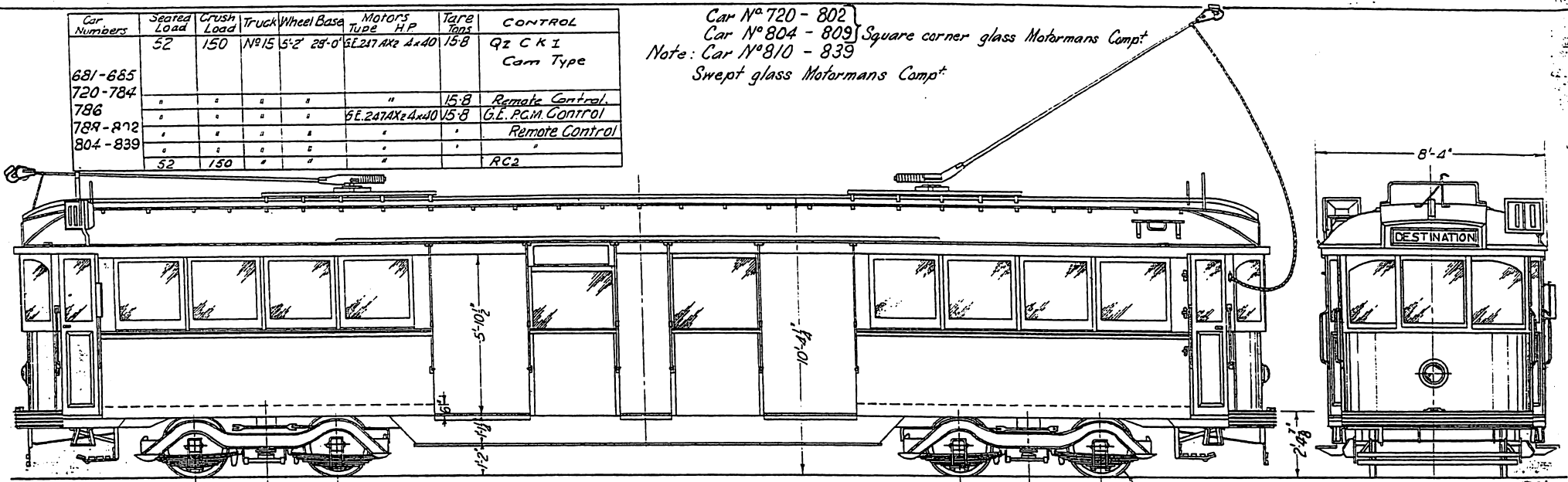
Seating Capacity
2 Saloons at 18 = 36
Centre Comp. 16
Total Seating 52

Sliding Door Control Valve

MELBOURNE & METROPOLITAN — TRAMWAYS BOARD —				
<i>J. P. [Signature]</i>				
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

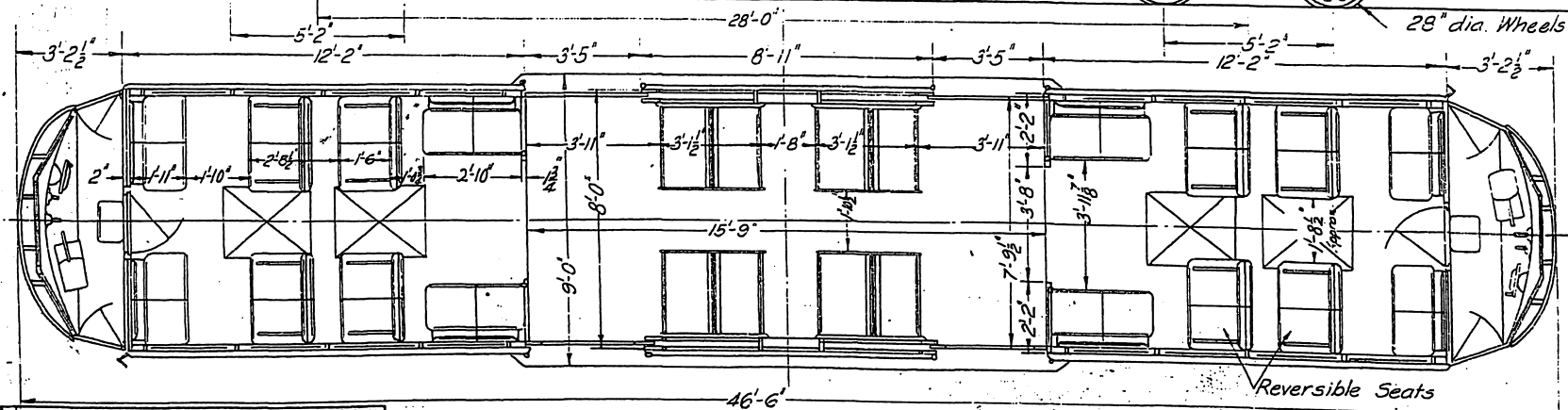
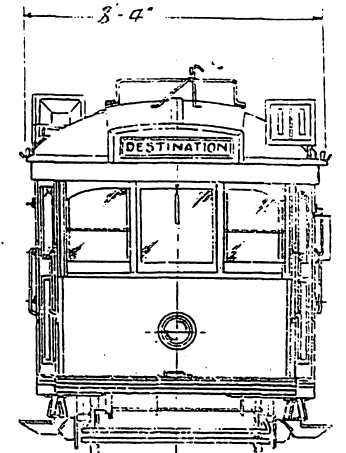
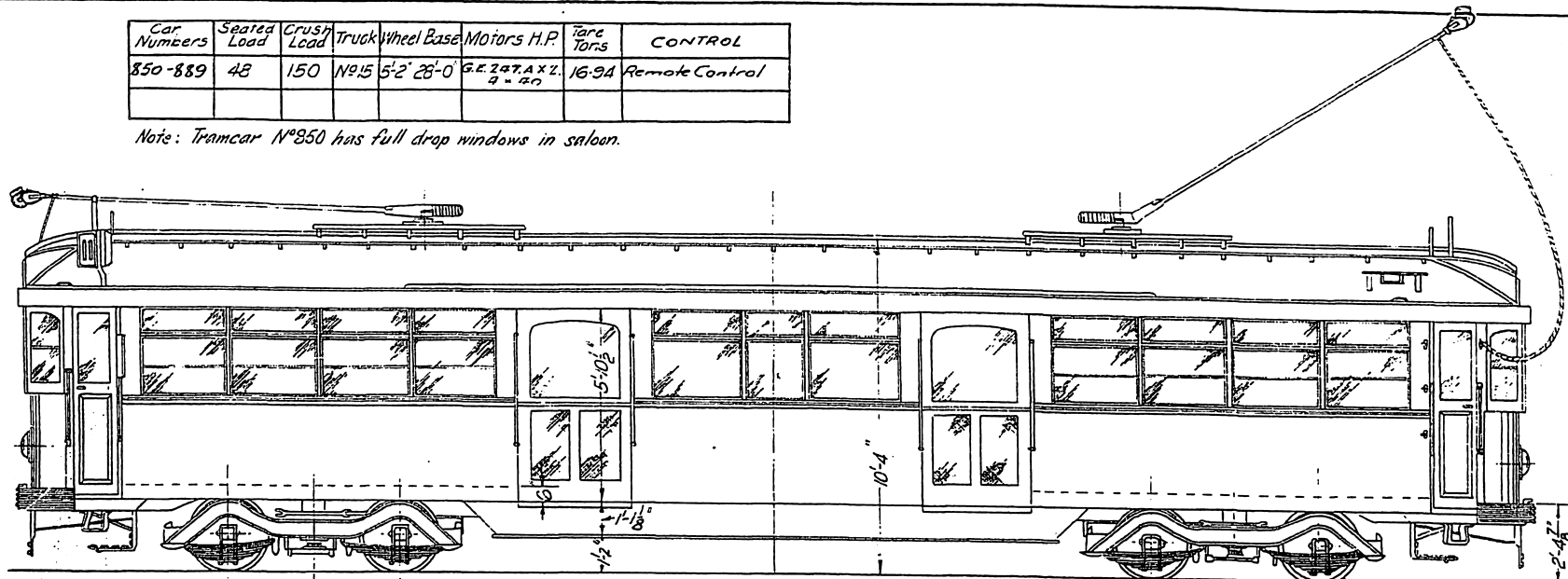
Note: This seating arrangement also used on Class SW6 Nos 940-949

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.



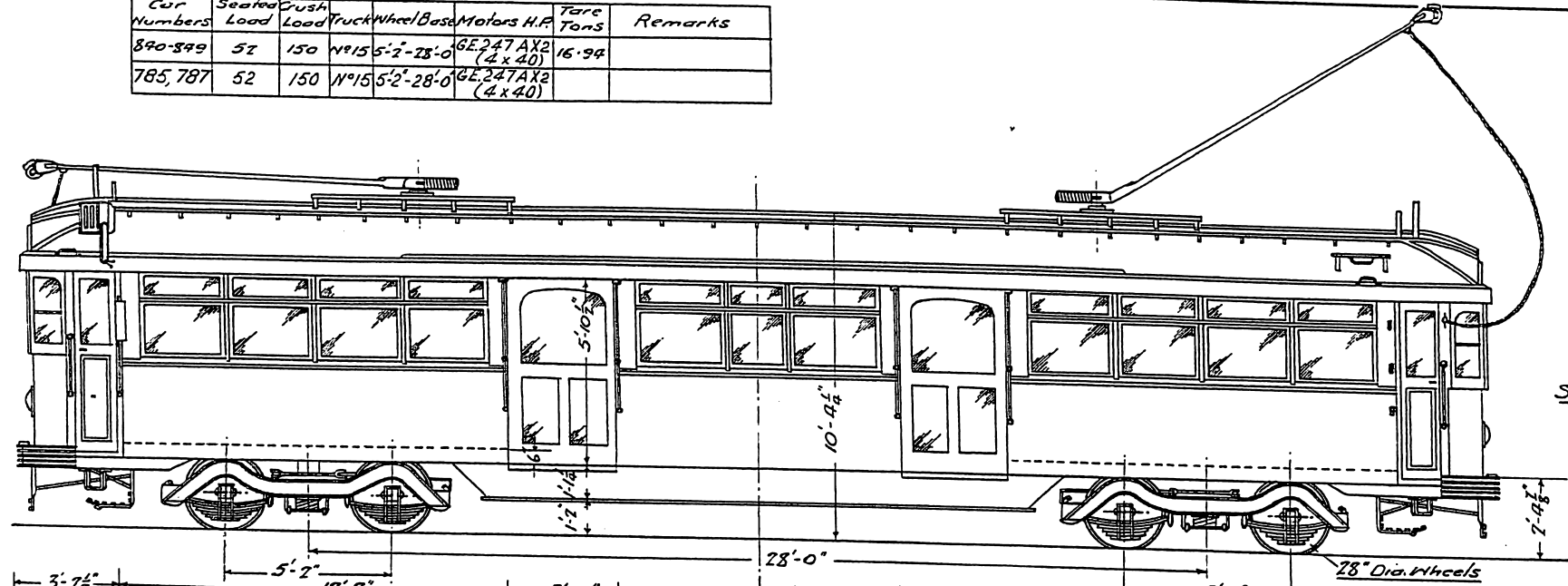
Seating Capacity
 2 Saloons of 16 each = 32
 Smoking Compartment = 15
 Total = 47
 Crush Load 150

CLASS SW6
 (Reversible Seats)
 Seating Arrangement "A"

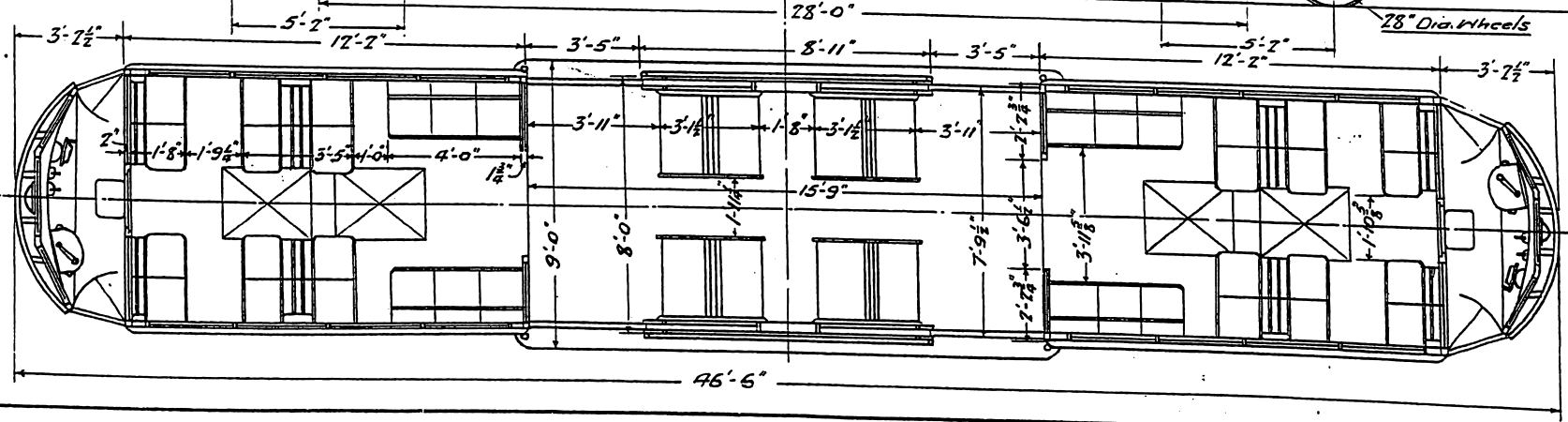
Note: Re Tramcar N°850 etc. added 8-3-63 R.J.H.

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)		



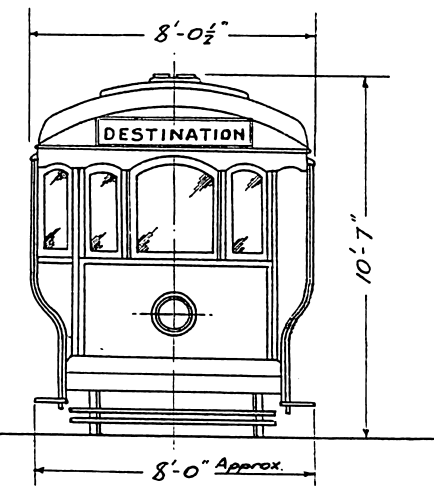
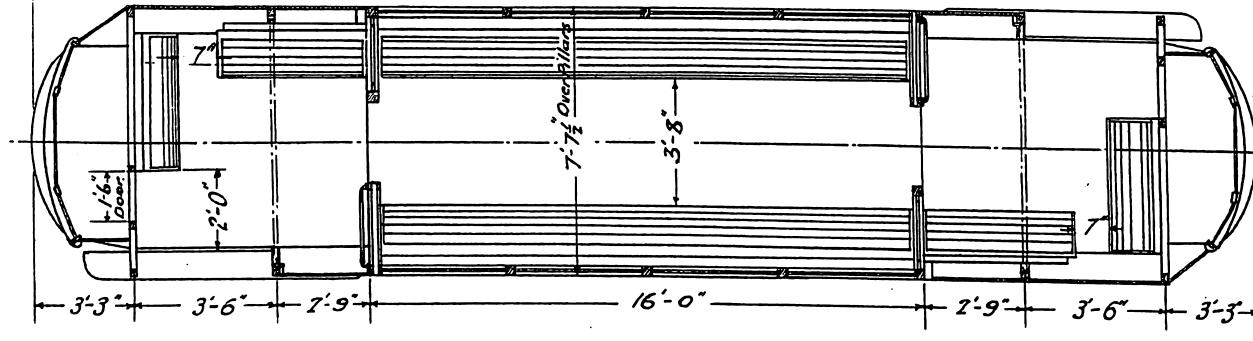
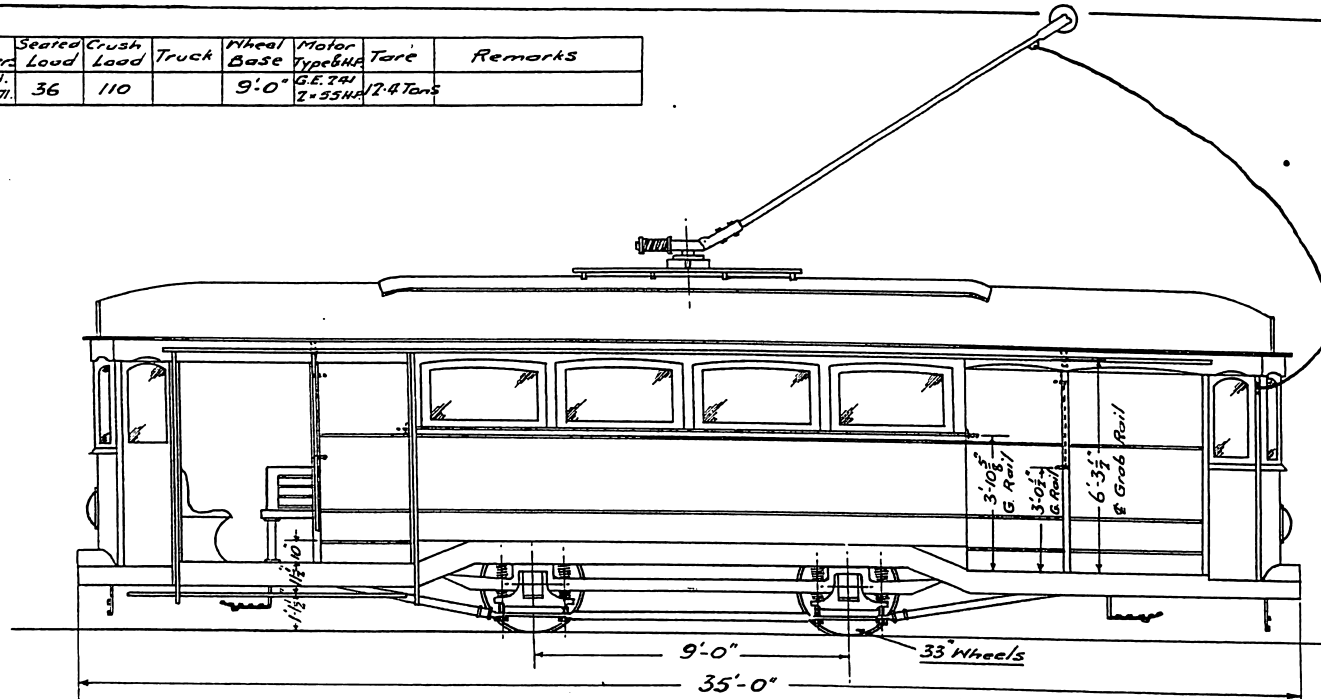
Seating Capacity
 2 Saloons at 18 ea. = 36
 Smoking Compartment - 16
 Total - 52
 Crush Load 150



CLASS SW5

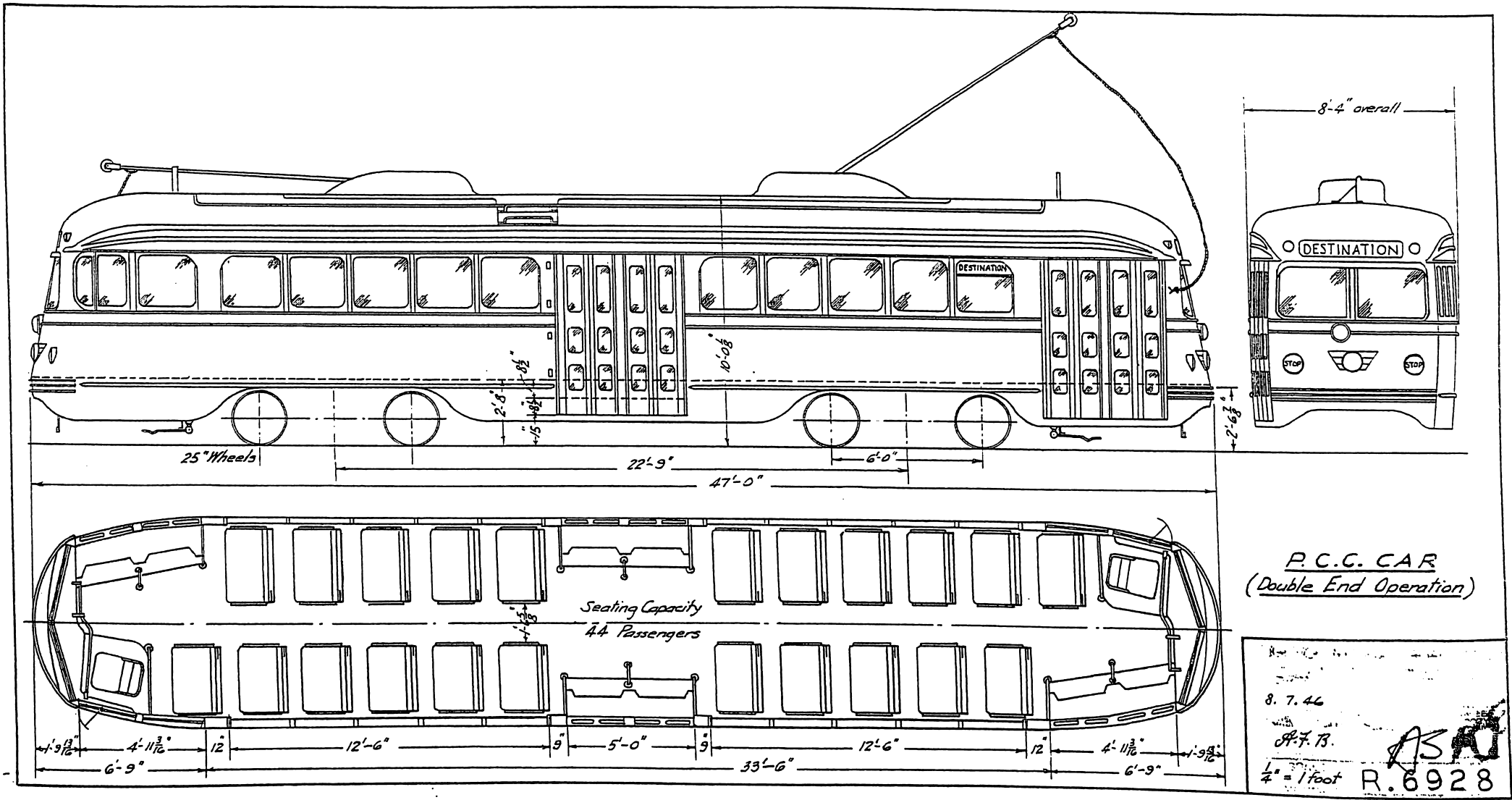
R 5818

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	



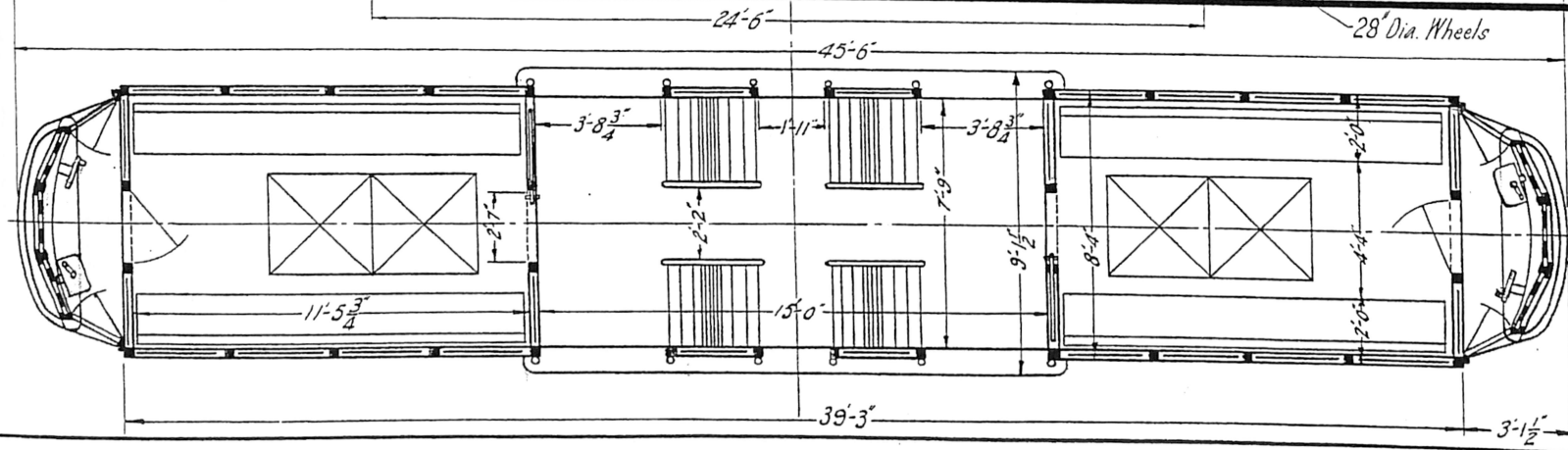
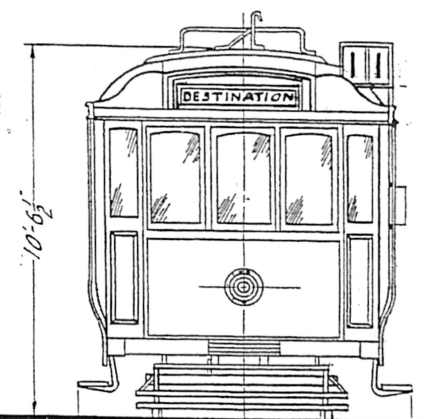
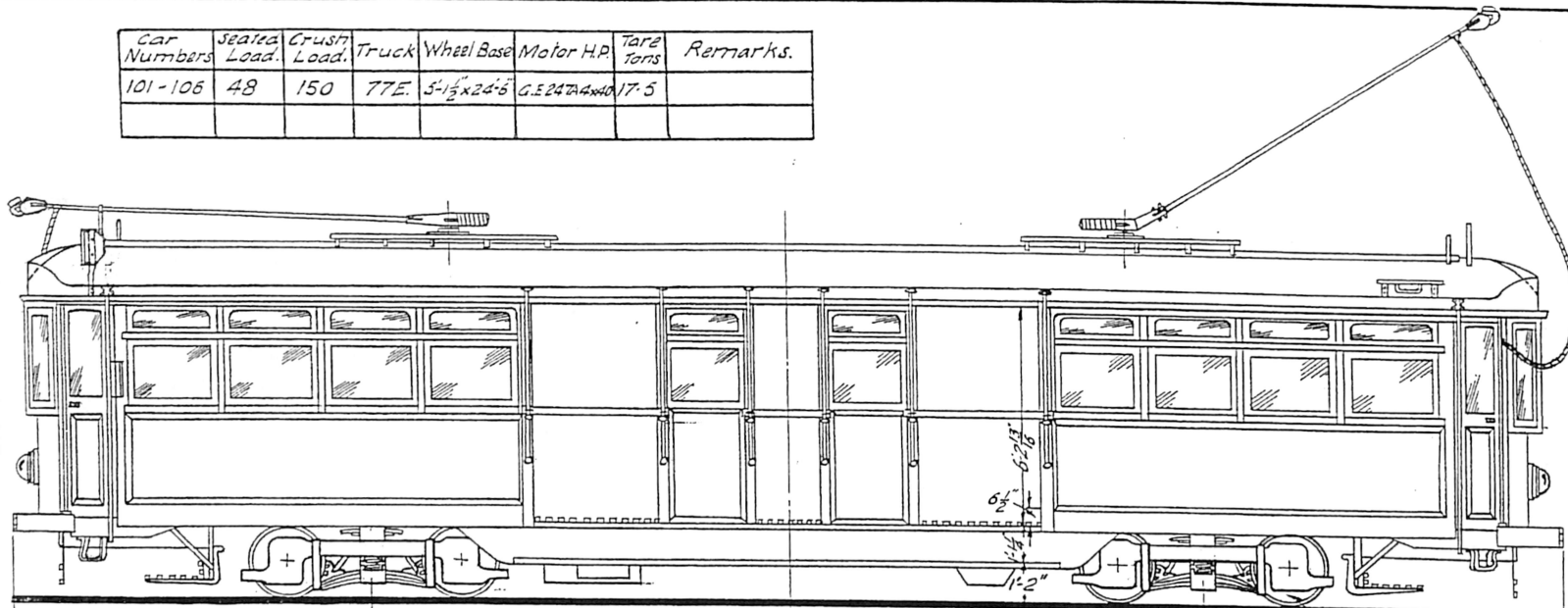
CLASS A
ONE-MAN CAR
COBURG TYPE

R 5963



Car Numbers	Seated Load.	Crush. Load.	Truck	Wheel Base	Motor H.P.	Tare Tons	Remarks.
101-106	48	150	77E	3'-1 1/2" x 24'-6"	G.E. 247A4410	17.5	

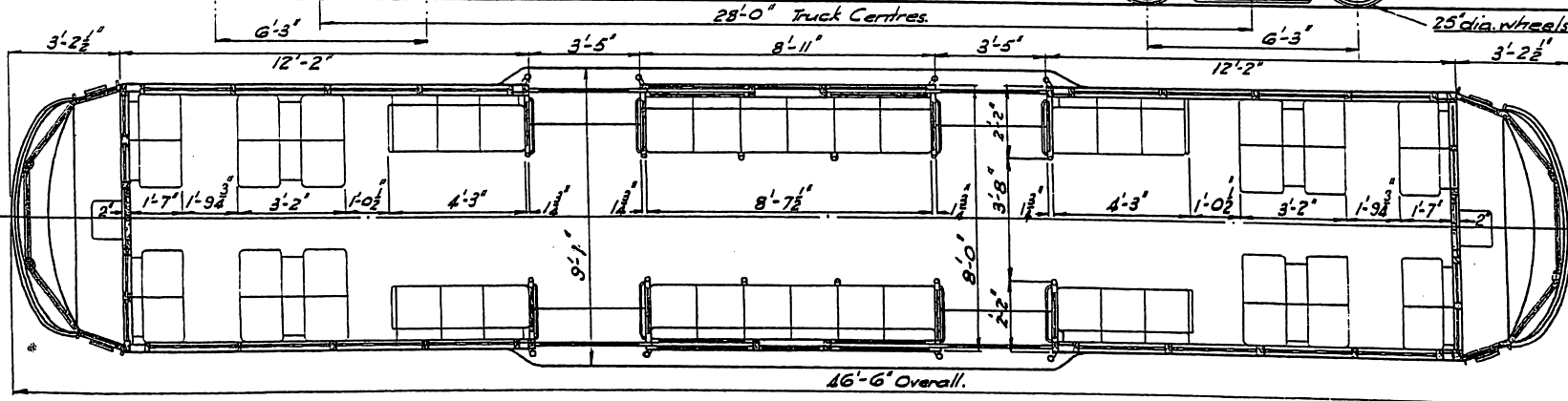
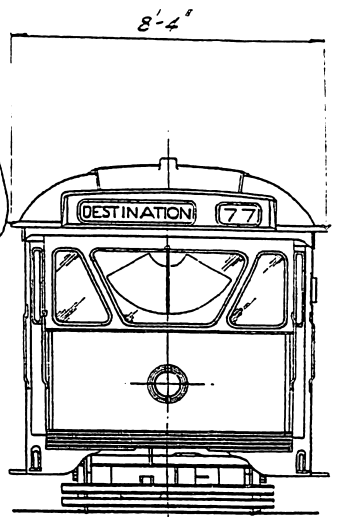
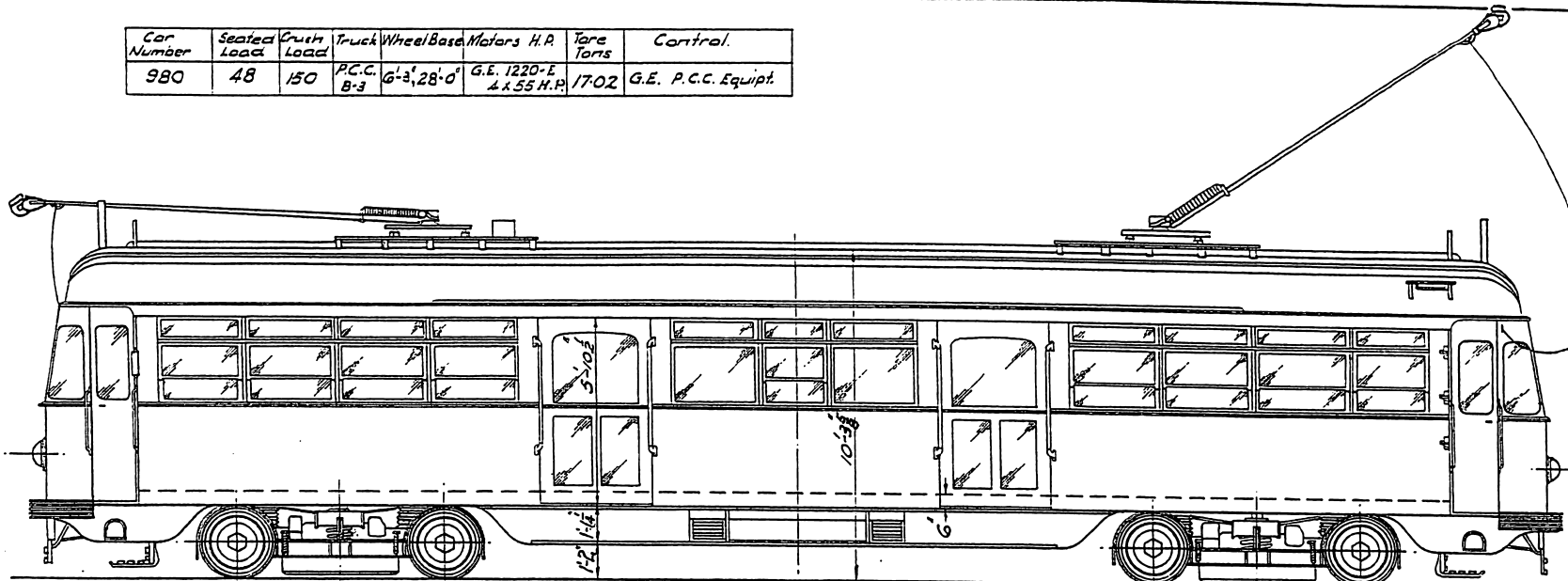
Seating Capacity
 2-Saloons at 16 each = 32.
 Smoking Compartment = 16.
 Total = 48.



CLASS. L.

MELBOURNE & METROPOLITAN
 TRAMWAYS BOARD
 DATE 6-10-27
 ROLLING STOCK ENGINEER
 J.A. Ireland
 J.A. Ireland
 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.

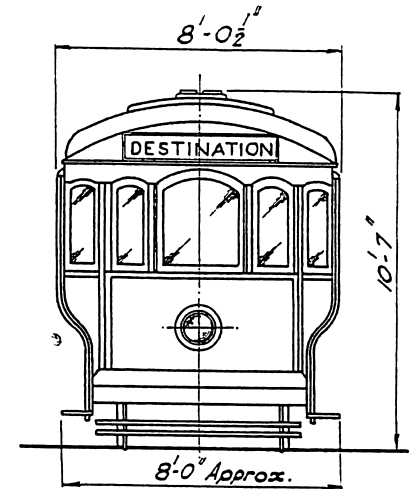
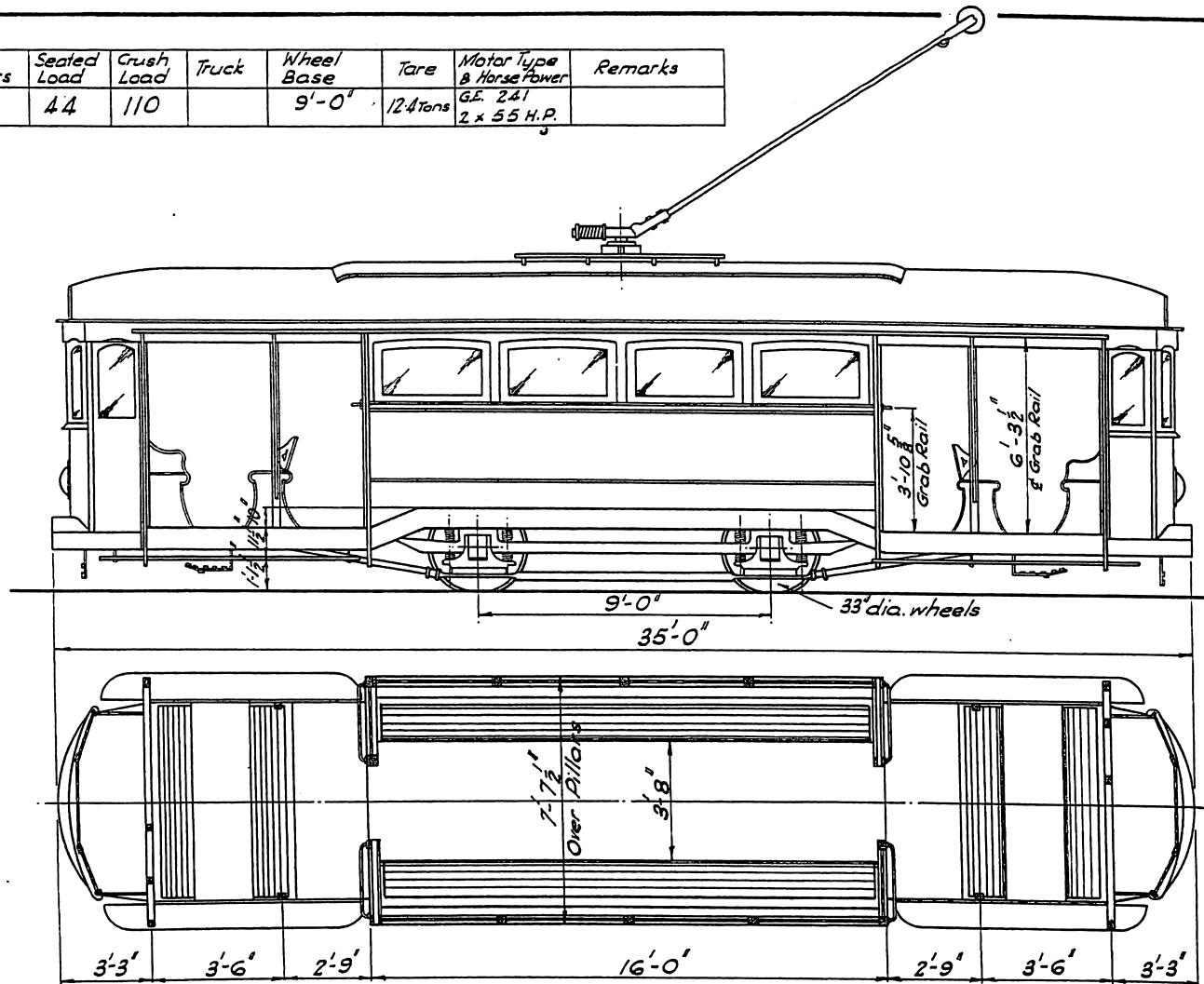


Seating Capacity
 2 Saloons at 18 each = 36.
 Smoking Compartment = 12
 Total = 48.
 Crush Load = 150.

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.	



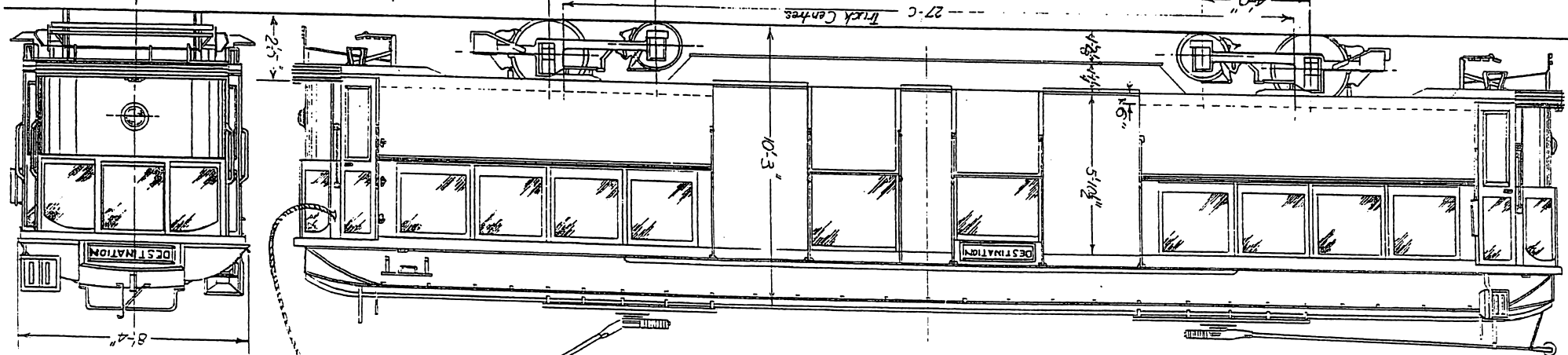
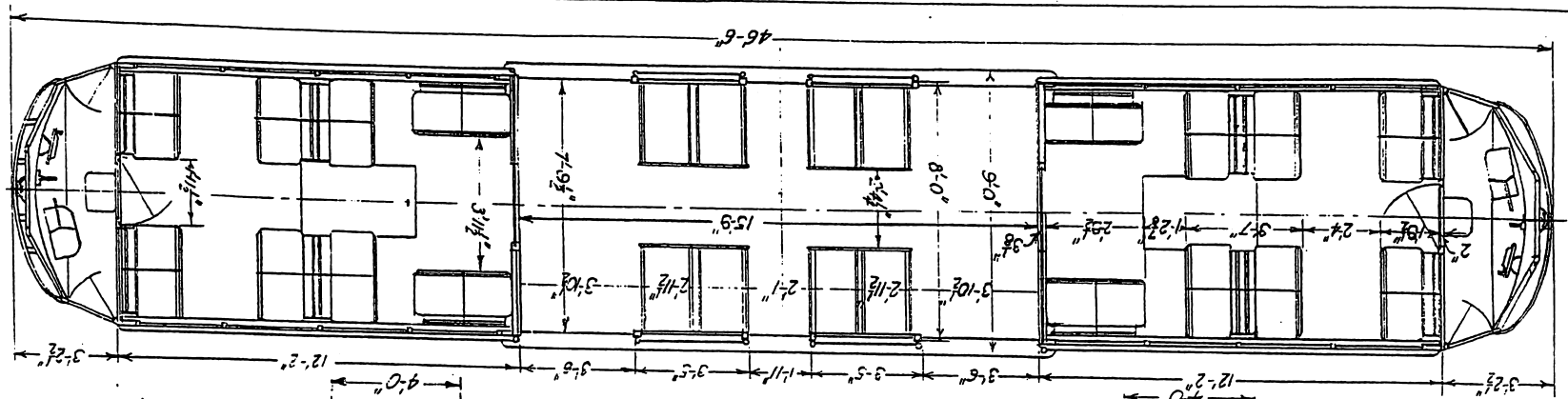
CLASS A TRAMCAR
COBURG TYPE
ORIGINAL

R 8999 J.A.R.

R 9601

CLASS CW5

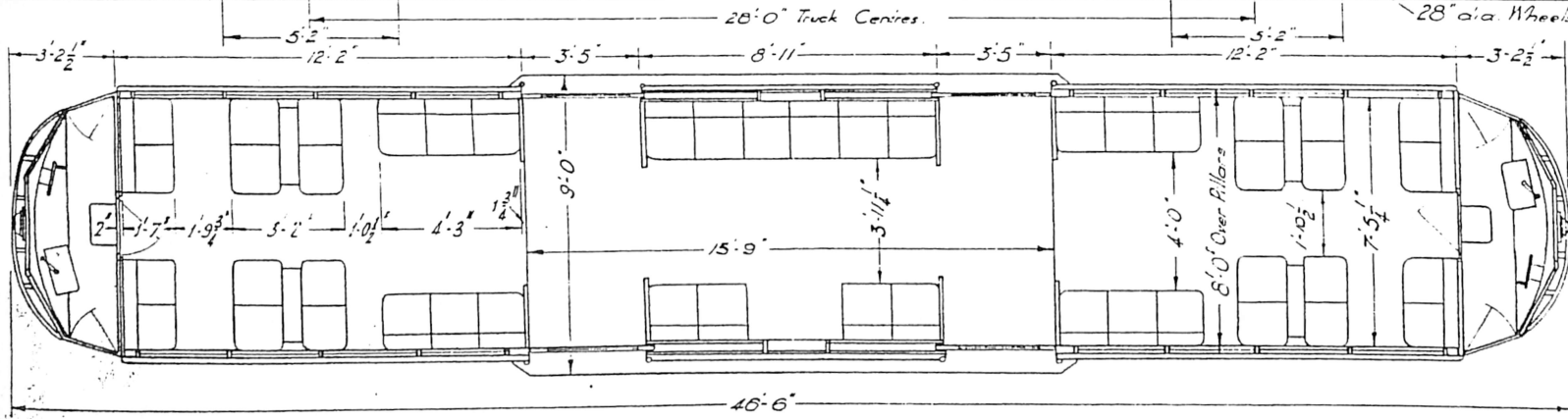
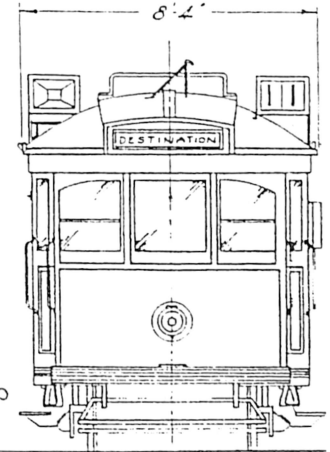
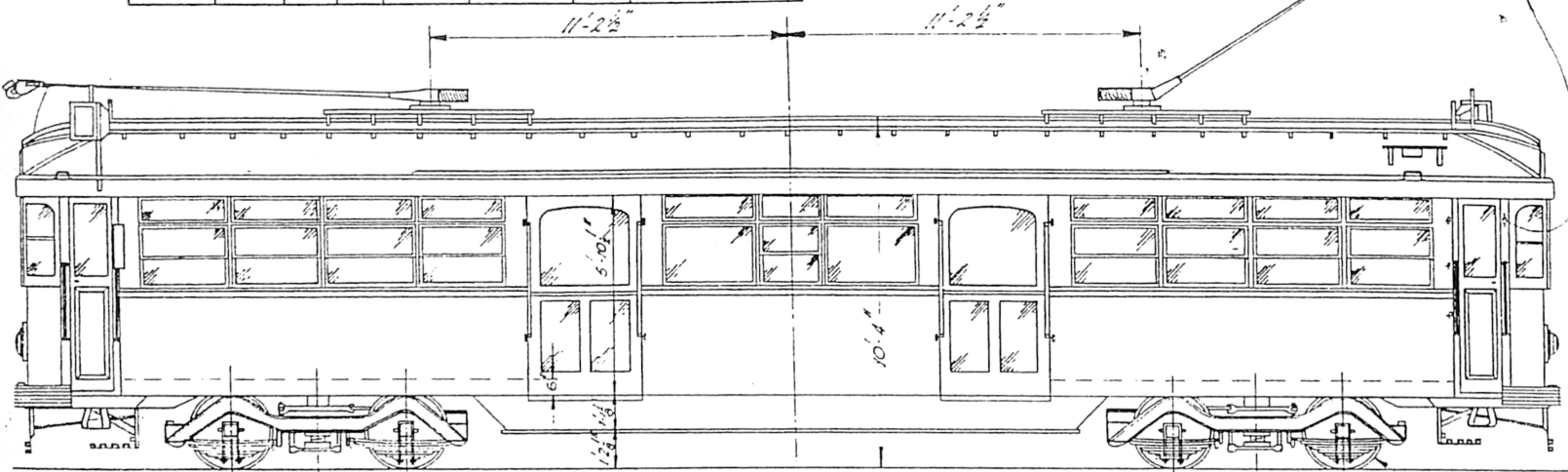
Seating Capacity • 32
 2 Saloons @ 16 ea
 Open Compartment • 16
 Total • 48
 Crush Load 150



Car	681-6851 48	150	22E	4'-0 7/8"	GE2N12x63/4-0	K36TR
Mkdn	Load	Crush	Truck	Wire/Bases	Tap	HP
Load	Load	Load	Load	Tap	Tap	Tap
Control						

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

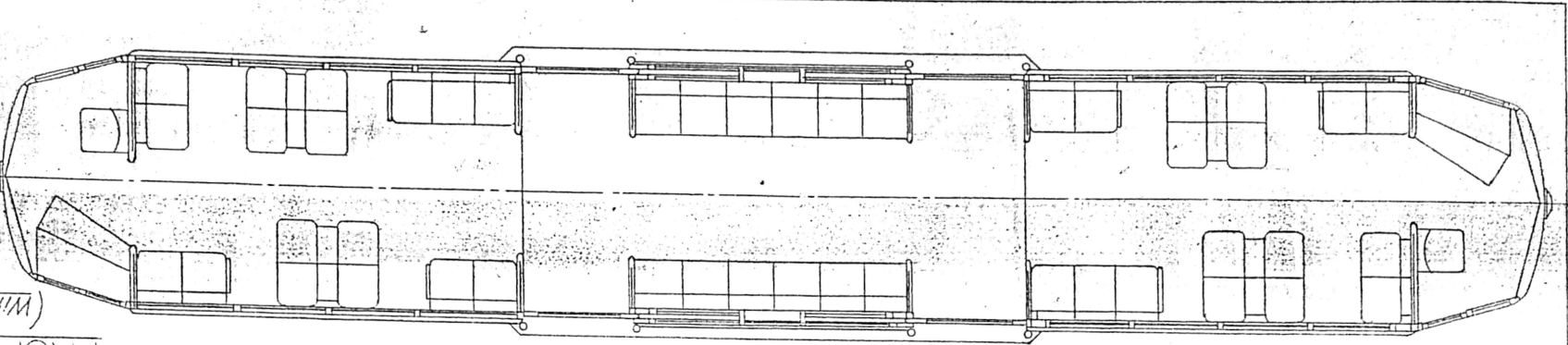
REVISION
 A APPROVED 27.9.95
[Signature]



CLASS W7

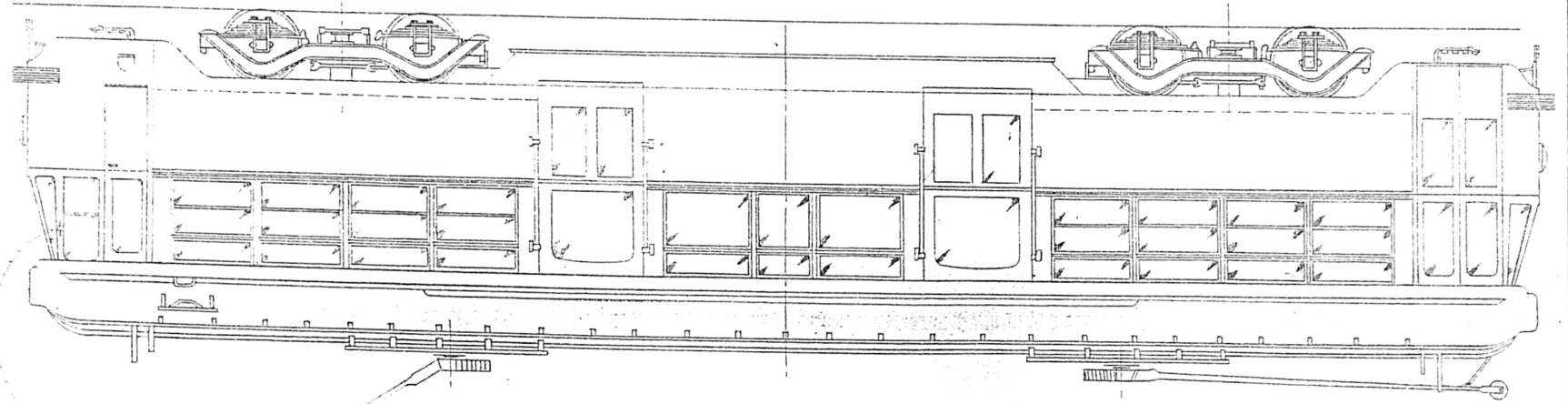
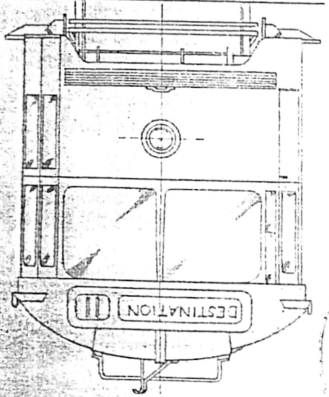
3/12/57 *J. P. Kelly*
 S.A. S.B. W.A.D. *[Signature]*
R 9529 A
 1'-0"

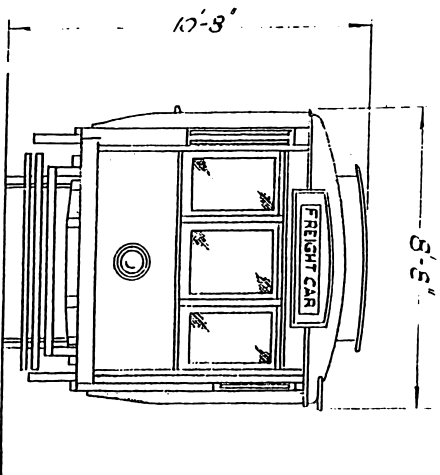
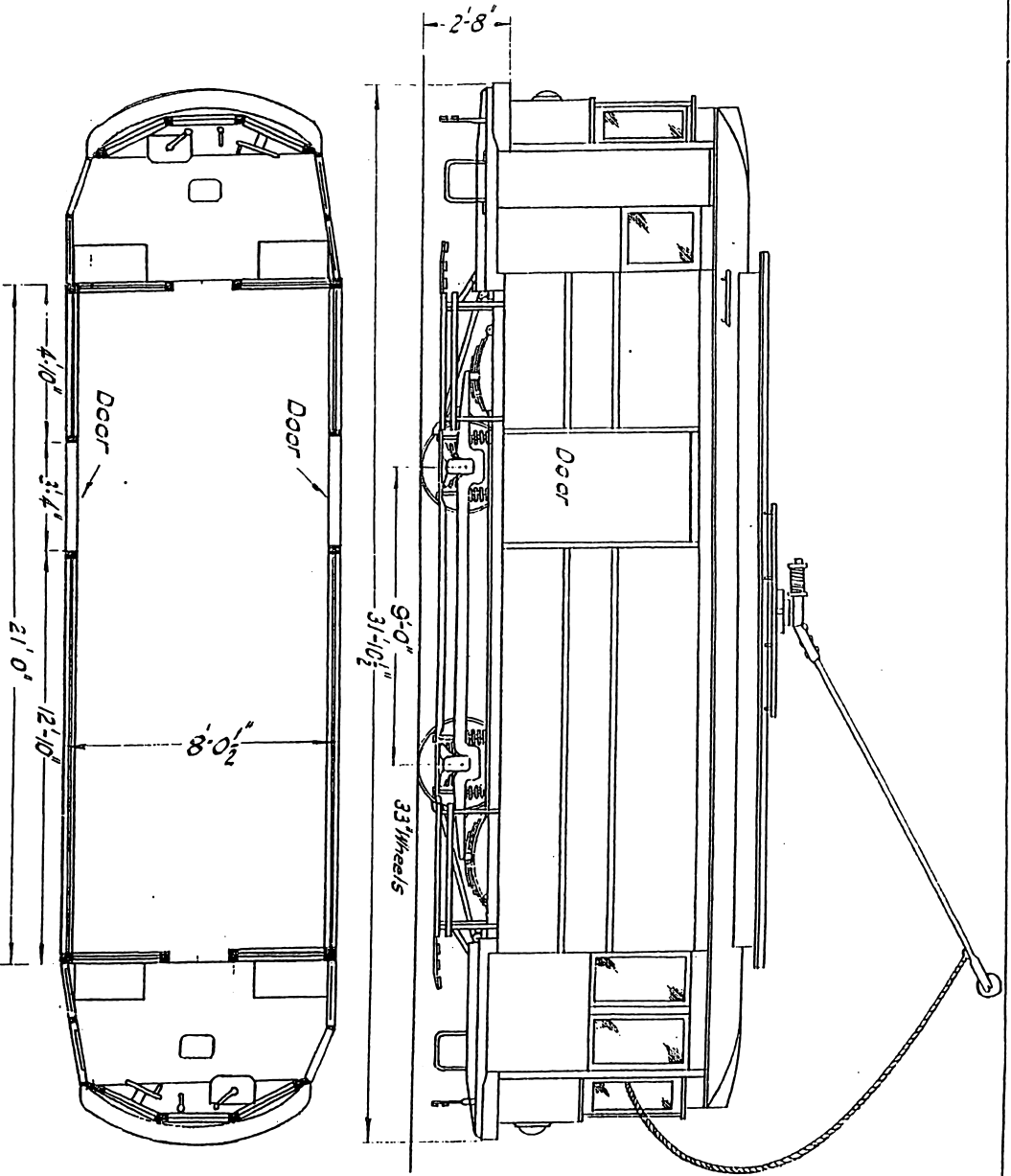
SCALE $\frac{1}{2}'' = 1'-0''$	
R9622	
DATE	CHIEF ENGINEER
TRAMWAYS BOARD	MELBOURNE & METROPOLITAN
DRAWN	TRAGED
CHECKED	PASSED
APPROVED	



(With Front Entrance)

PROPOSED SW6 CAR





FREIGHT CAR No 17
 Former "V" class passenger car

R 9980

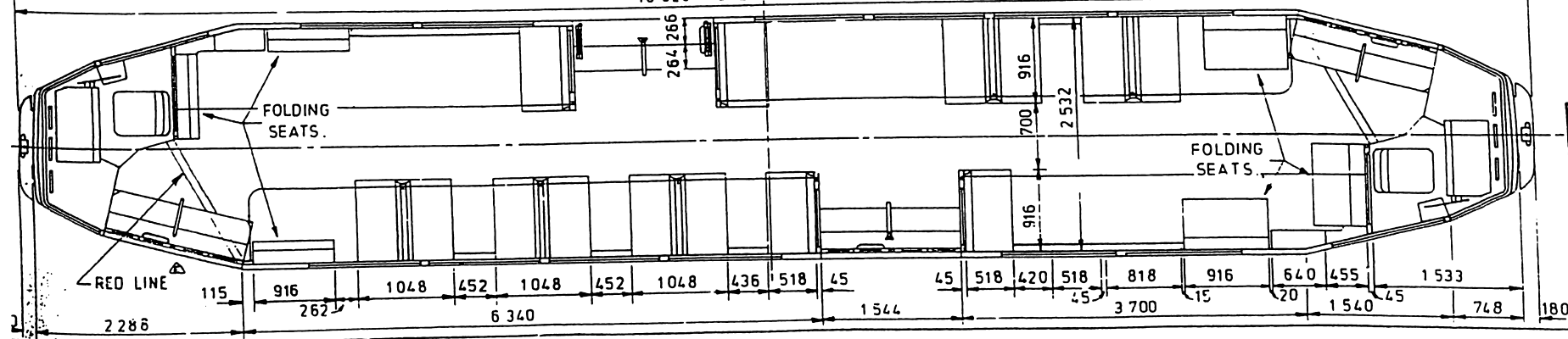
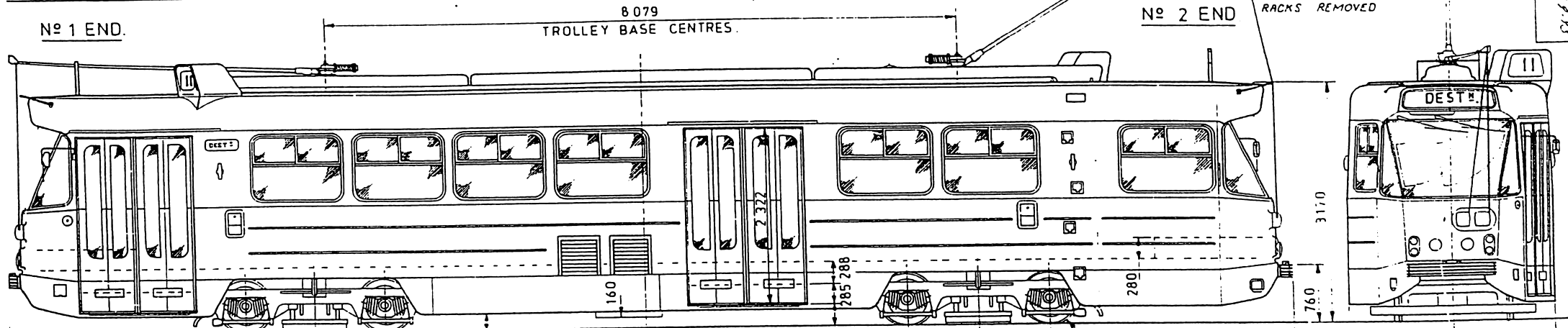
FOR INFORMATION ONLY

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

27/1/76
S. J. G. GIBSON
TRAMWAYS



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]*

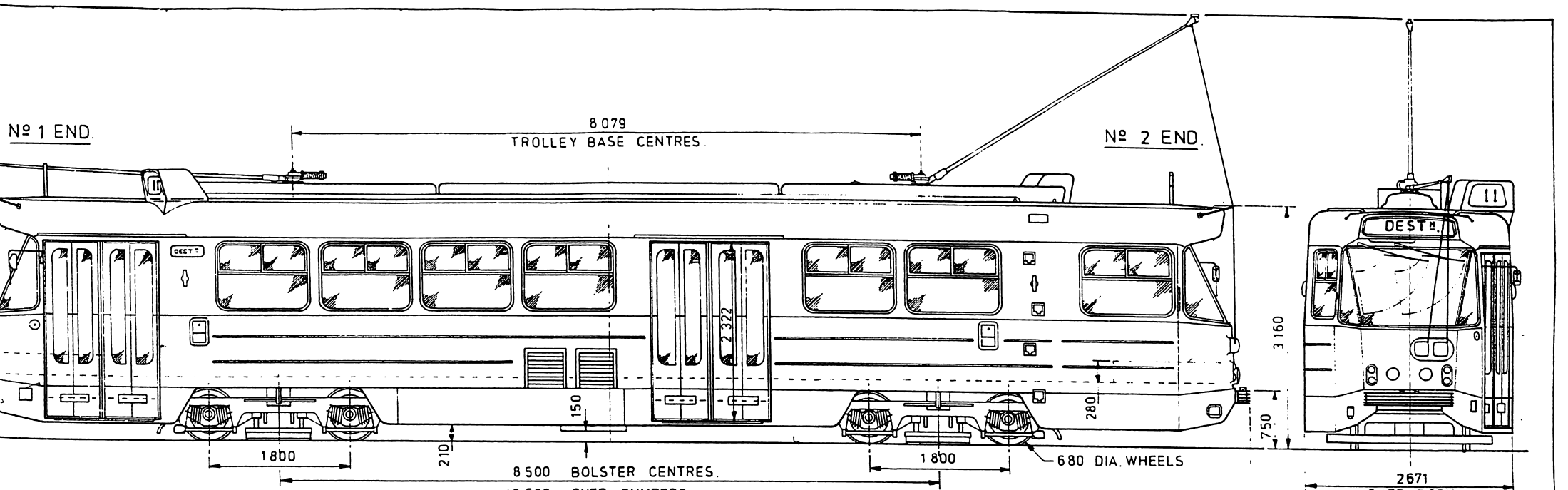
R11-333

SCALE - 1:50

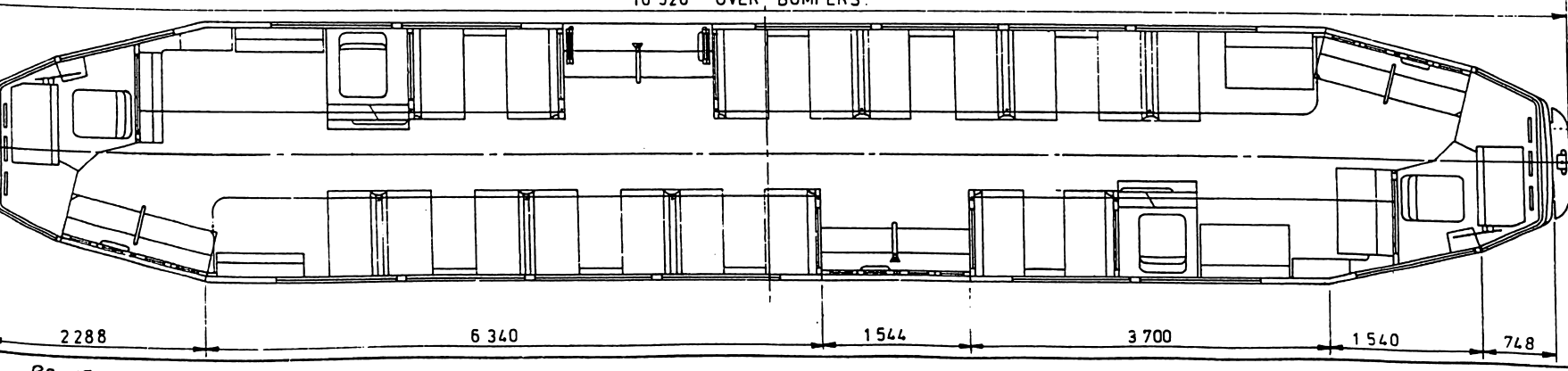
No 1 END.

No 2 END.

8 079
TROLLEY BASE CENTRES.



8 500 BOLSTER CENTRES.
16 520 OVER BUMPERS.

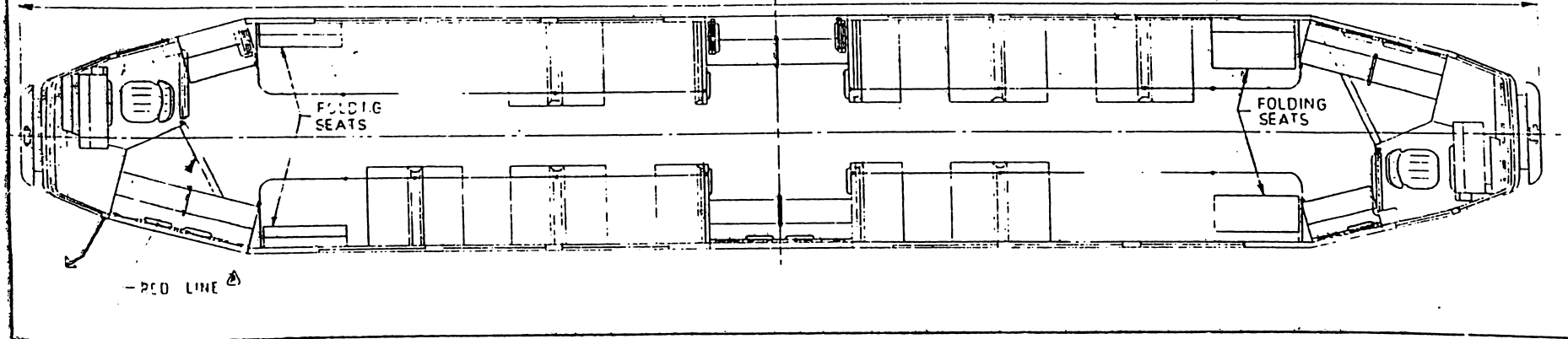
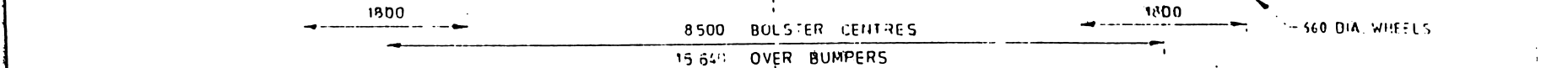
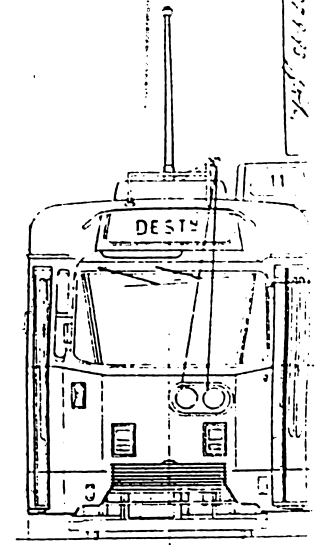
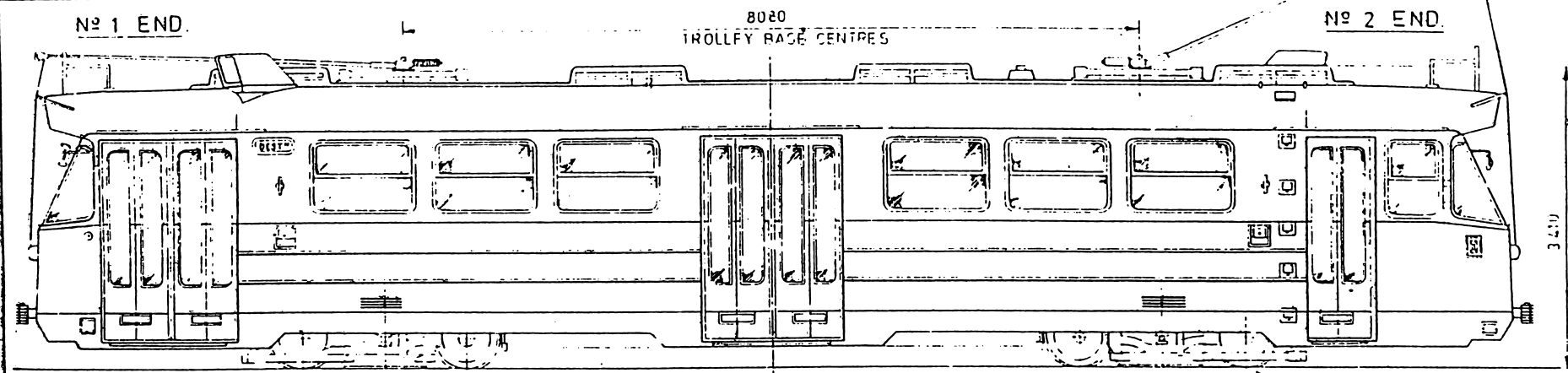


CLASS 'Z' TRAM. (OUTSIDE DIMENSIONS)

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



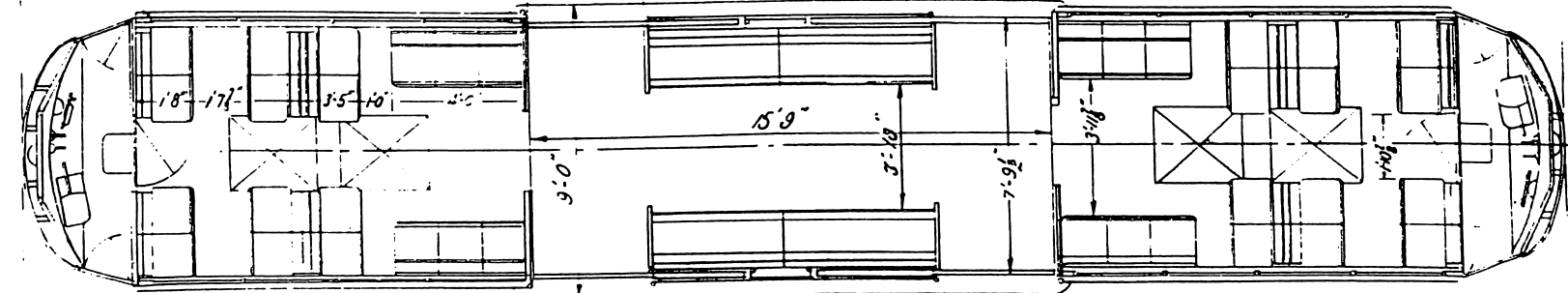
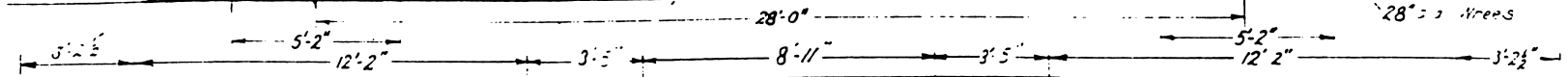
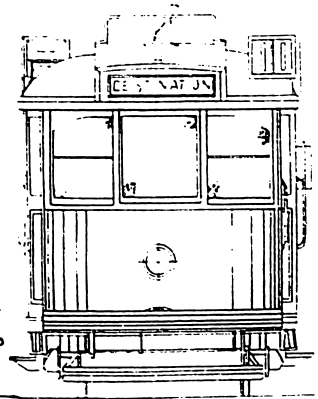
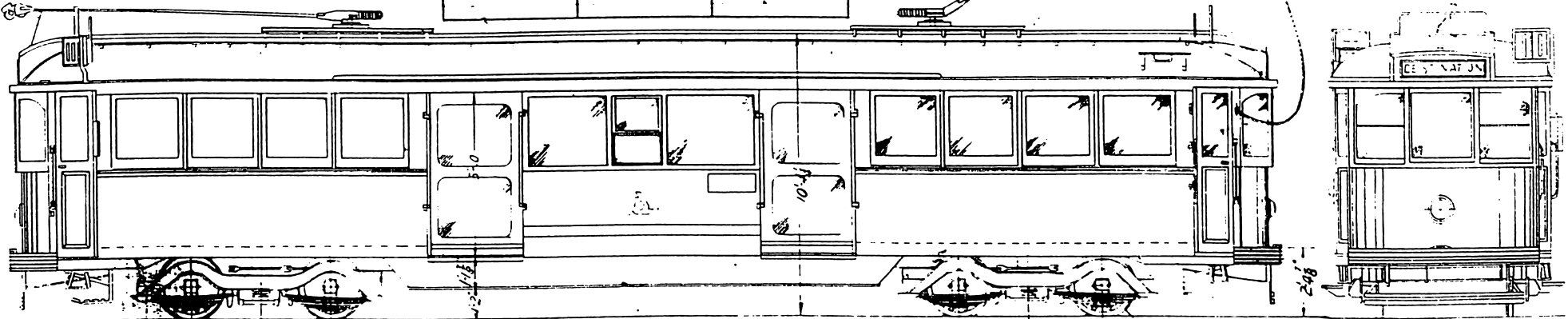
CLASS "Z3" TRAM

MELBOURNE & METROPOLITAN TRAMWAYS BOARD			
DATE	CHIEF ENGINEER		
DRAWN	CHECKED	PASSED	APPROVED
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, 827, 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**

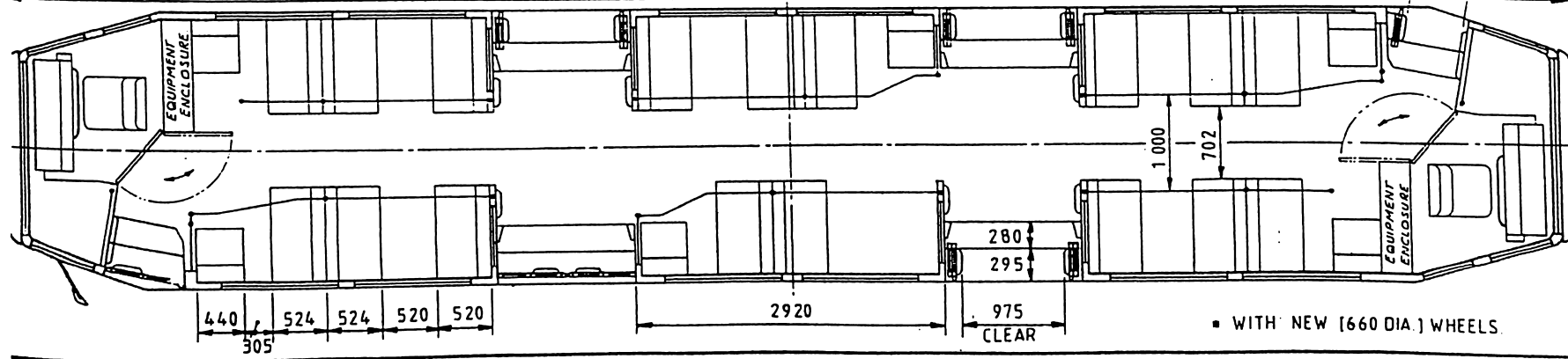
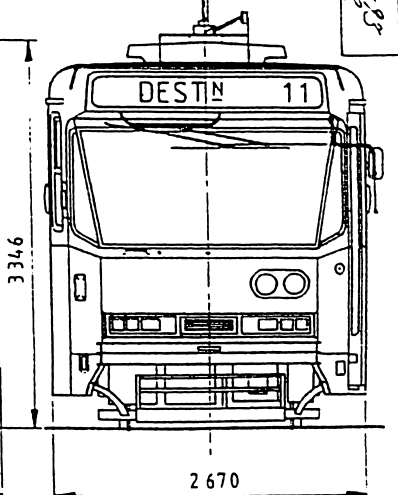
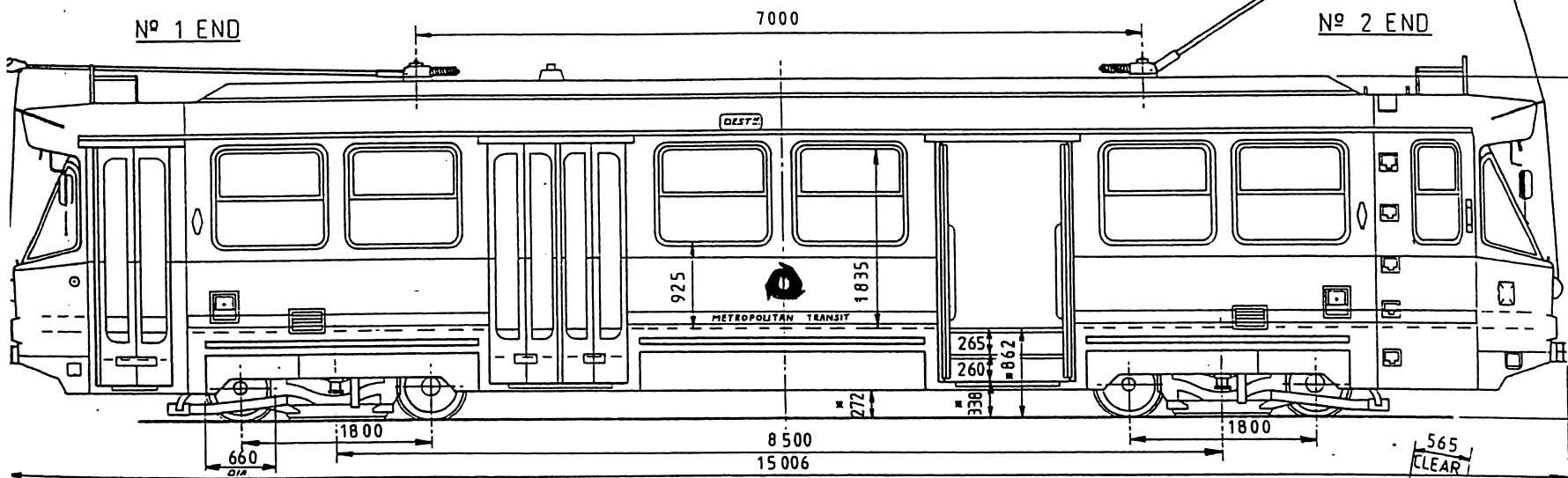
METROPOLITAN TRANSIT AUTHORITY OF VICTORIA			
DATE	K. P. Hill		
20/1/84	GROUP MANAGER TRAM & BUS ENG		
DRAWN	CHECKED	PASSED	APPROVED
G.A.P.	H. Hill	5/1/84	7/5/84
R12-052	1/4		
SCALE			

46'-6"

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

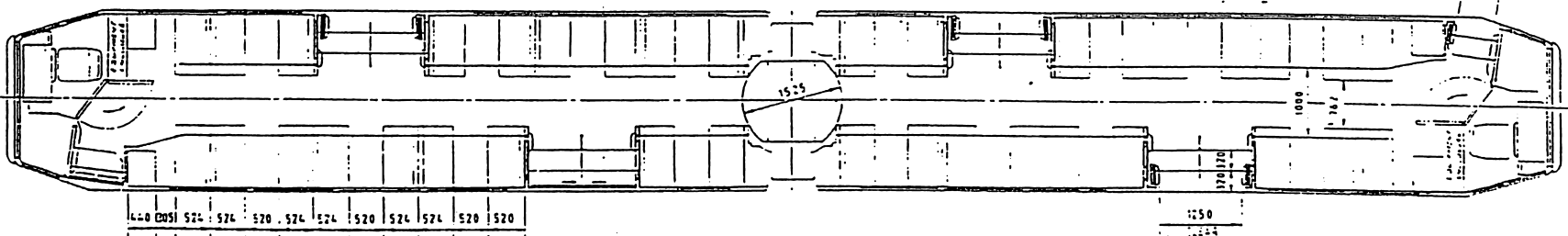
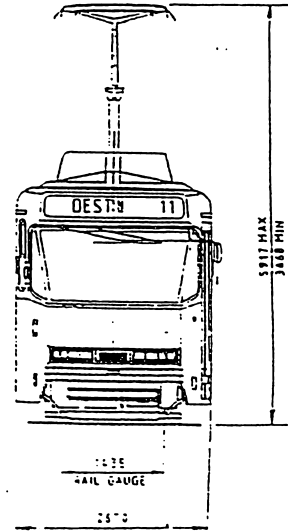
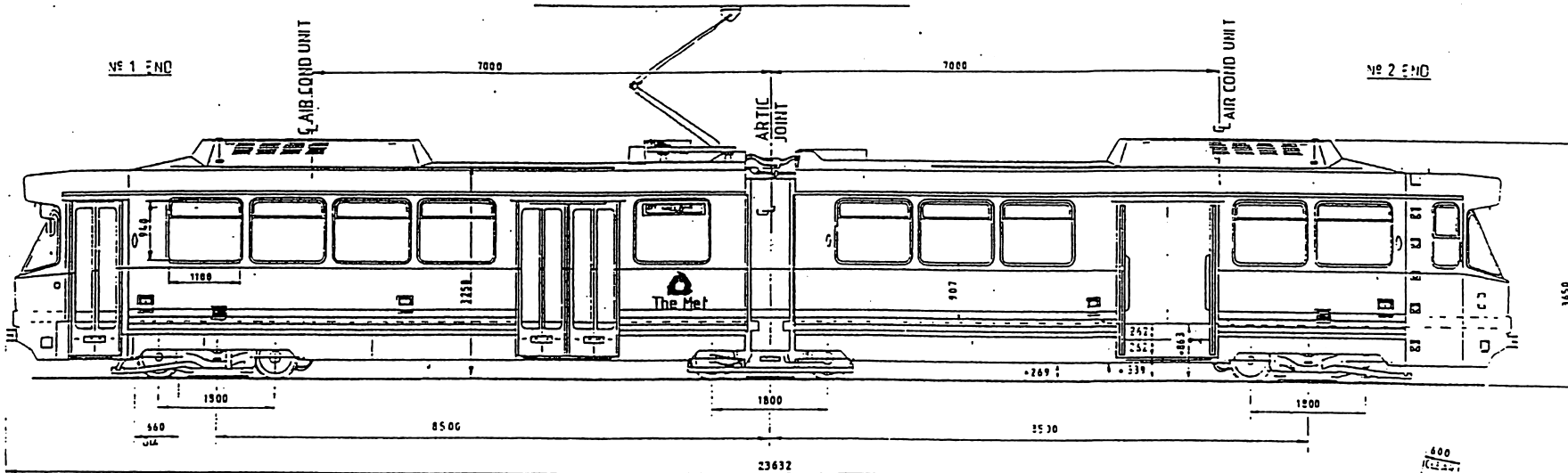
METROPOLITAN TRANSIT AUTHORITY OF VICTORIA			
DATE			
DRAWN R.D. TUCKER 13-7-84		GROUP MANAGER - TRAM & BUS ENG CHECKED PASSED APPROVED	
R12-062		A	
SCALE - 1:50			

WITH NEW [660 DIA.] WHEELS

TRAM NUMBERS	SEATED CAPACITY	* LOADED CAPACITY	TRUCK	WHEEL BASE	MOTORS TYPE & kW	CONTROL	WEIGHT (TONNES)				MIN L CURVE IN DEPOT
							BODY	TRUCKS	CONTROL	TARE	
2003 TO 2102	76	182	DUWAG	1800 9500	A.E.G. ABS 3322 2.195 kW	A.E.G. SIEMENS	21.39	4.75x2	3.11	34.00	=16.46 M

* BASED ON 6 PASSENGERS/M² OF STANDEE SPACE

21.39 | 4.75 | 3.11 | 34.00



* WITH NEW 1560 DIA TYRES

APPROVED 27.9.25 ARL
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 $\pm 0.1\text{mm}$

ENGINEER
DESIGNED 24.12.19
DRAWN
CHECKED

REFERENCE ORGS

ALL DIMENSIONS ARE IN MILLIMETRES

**GENERAL ARRANGEMENT
ARTICULATED TRAM
CLASS "B2"**

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