

BRITISH RAILWAYS
COACHING STOCK

DIAGRAM BOOK

Electric Multiple Unit Trains

© COPYRIGHT NOTICE

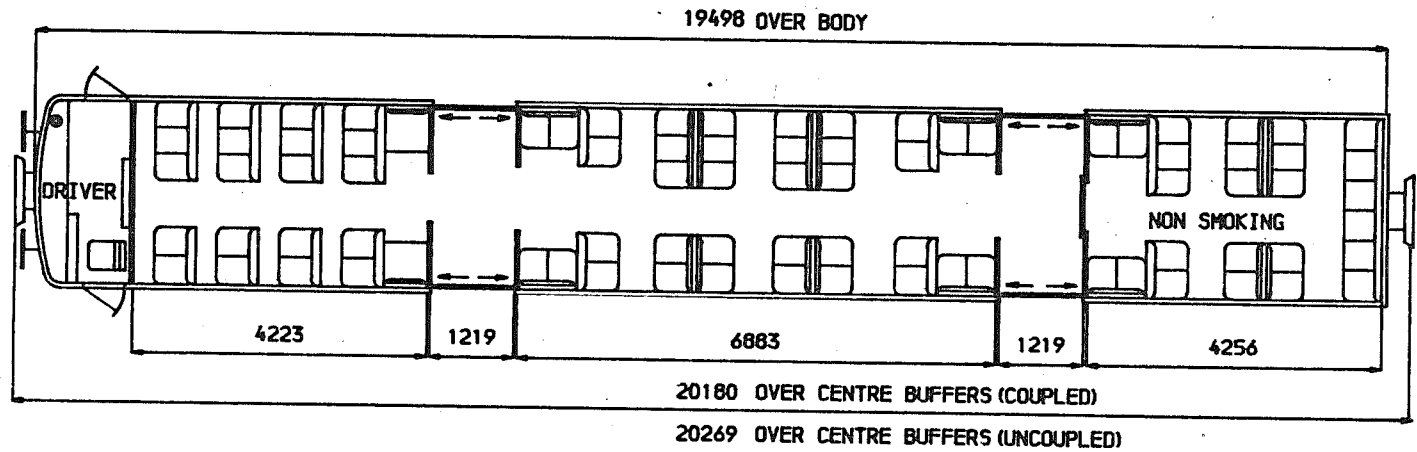
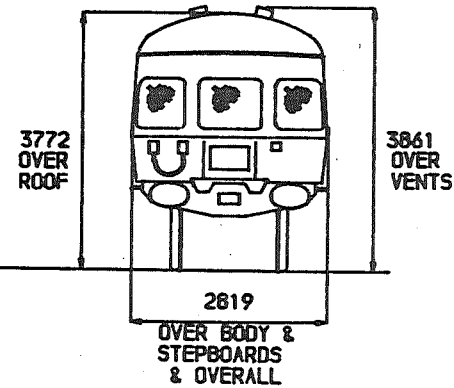
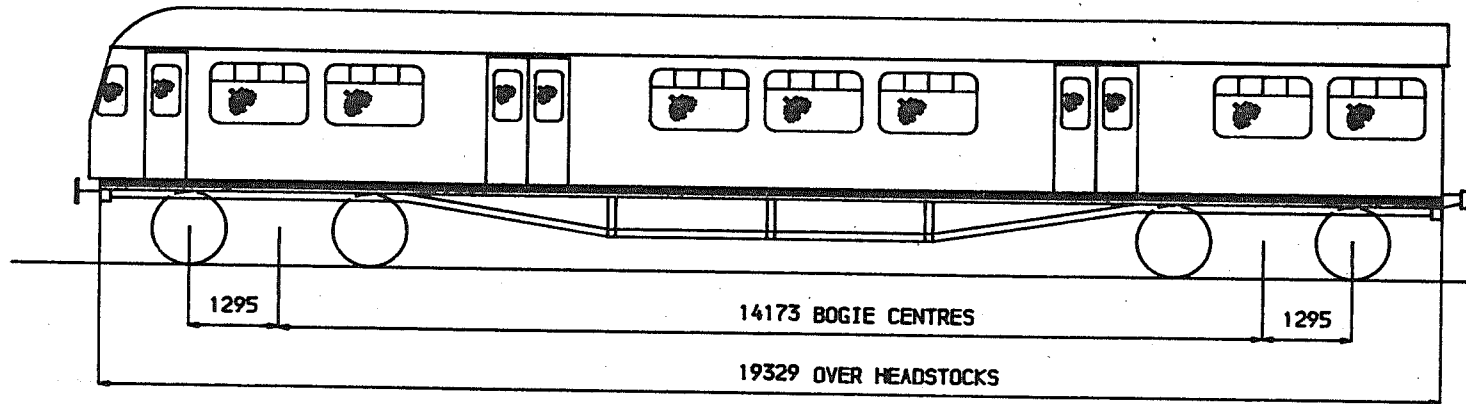
This PDF file has been created from the original book with permission of BRB Residuary Ltd who, retain copyright in the original document.

The original book was provided courtesy of Clive Mortimore.

This PDF version by David Faulkner, 2010.

Individuals may: use, retain and print out this PDF version for their private information or for that of their non-commercial enthusiast society or railway club.

This document and any copies produced from it in any form may not be sold or lent for any payment in any form other than to cover copying or transmission costs. No reproduction permitted in any other form or circumstance without prior permission from the original copyright holder



SEATS	83
TOILETS	-
COMPARTMENTS	-
GUARDS COMPARTMENTS	-
VENTILATION	-
CATERING EQUIPMENT	-

ORIGINAL DIAGRAMS FOR REFERENCE.-
BR 375

ISSUE 1 DATE SEP' 80

EE 214

BASIC TYPE

ALTERNATIVES

BRAKES
BOGIE/SUSPENSION
BODY CONSTRUCTION
COUPLINGS

ELECTRO PNEUMATIC
GRESLEY ET11
STEEL
AUTOMATIC DROPHEAD (BUCKEYE) OUTER END-AUTOMATIC SOLID SHANK
(ALLIANCE NO.2) INNER END
ELECTRIC (BR)
75
3.5
ELECTRIC
34.5
NOT FITTED
FITTED
NOT FITTED
RETRACTABLE SPINDLE-559 X 356 OVAL OUTER END ONLY

TRAIN HEATING
MAX. SPEED M.P.H.
MIN. RAD. CURVE CHAINS
LIGHTING
TARE WEIGHT TONNES
GANGWAYS
A.V.S.
TRAIN COMMUNICATION
BUFFERS

TRACTION DATA FOR MULTIPLE UNITS

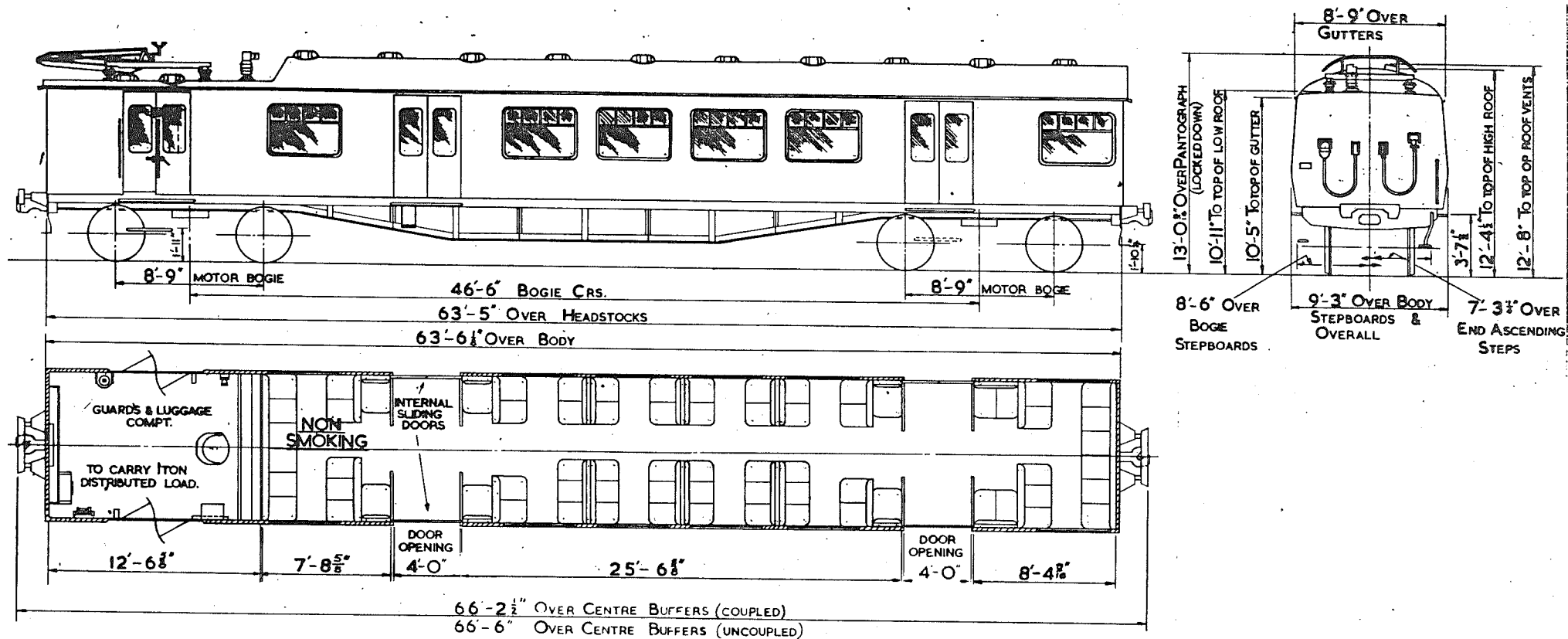
EMU-	GLASGOW AREA.	INTRODUCED 1967.
VOLTAGE	25 & 6.25 KV A.C.OVERHEAD	

BASIC TYPE

EE 214 0A

VARIANTS

NONE



SEATS	70
TOILETS	-
COMPARTMENTS	-
GUARDS COMPARTMENTS	1
VENTILATION	-
CATERING EQUIPMENT	-

ORIGINAL DIAGRAMS FOR REFERENCE.-
BR 385

ISSUE 1 DATE SEP' 80

ED 211

BRAKES
BOGIE/SUSPENSION
BODY CONSTRUCTION
COUPLINGS
TRAIN HEATING
MAX. SPEED M.P.H.
MIN. RAD. CURVE CHAINS
LIGHTING
TARE WEIGHT TONNES
GANGWAYS
TRAIN COMMUNICATION
BUFFERS

BASIC TYPE

ELECTRO PNEUMATIC
GRESLEY ED11
STEEL
AUTOMATIC SOLID SHANK (ALLIANCE NO.2)
ELECTRIC (BR)
75
3.5
ELECTRIC
58
NOT FITTED
NOT FITTED
NOT FITTED

ALTERNATIVES

TRACTION DATA FOR MULTIPLE UNITS

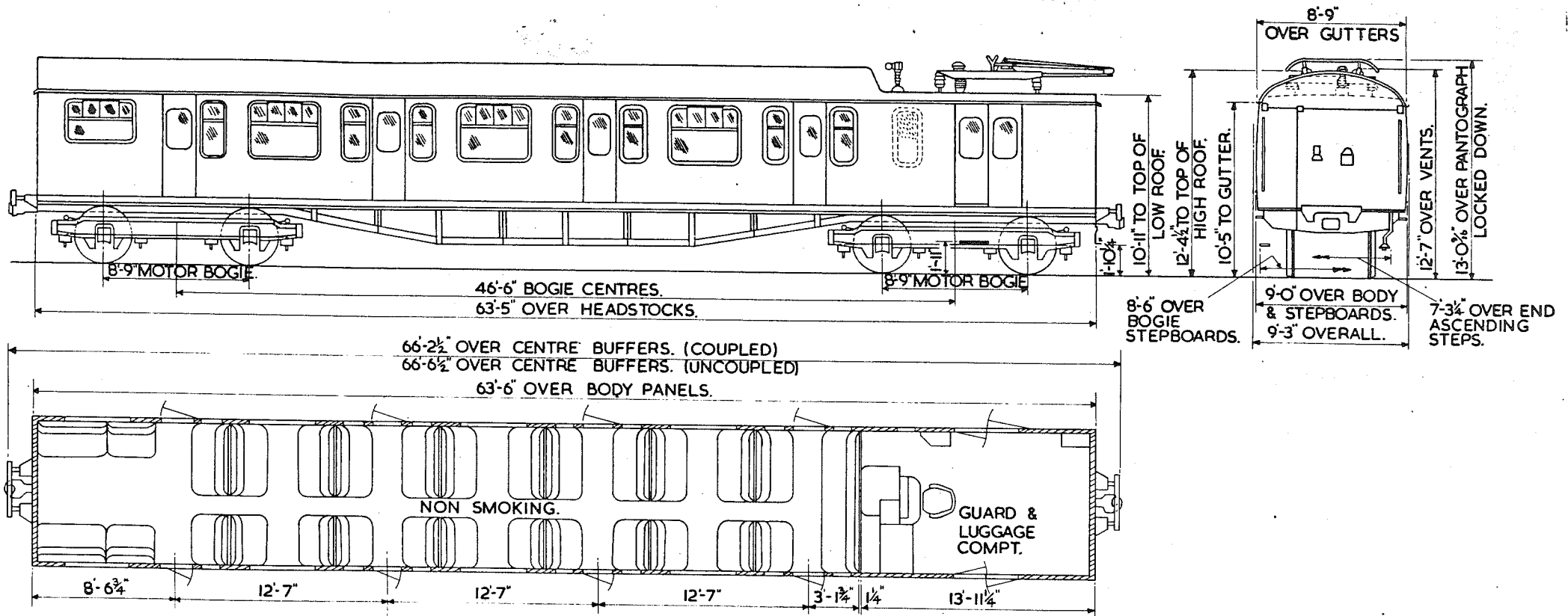
EMU- GLASGOW AREA. INTRODUCED 1967.
VOLTAGE 25 & 6.25 KV A.C. OVERHEAD
TRACTION MOTORS 4 X 222 HP D.C. A.E.I.

BASIC TYPE

ED 211 0A

VARIANTS

NONE



SEATS	76
TOILETS	-
COMPARTMENTS	-
GUARDS COMPARTMENTS	1
VENTILATION	-
CATERING EQUIPMENT	-

ORIGINAL DIAGRAMS FOR REFERENCE.-
BR 386

ISSUE 1 DATE SEP' 80

ED 208

BRB 208A

BRB 208A

BRAKES
 BOGIE/SUSPENSION
 BODY CONSTRUCTION
 COUPLINGS
 TRAIN HEATING
 MAX. SPEED M.P.H.
 MIN. RAD. CURVE CHAINS
 LIGHTING
 TARE WEIGHT TONNES
 GANGWAYS
 TRAIN COMMUNICATION
 BUFFERS

BASIC TYPE

ELECTRO PNEUMATIC
 GRESLEY ED8
 STEEL
 AUTOMATIC SOLID SHANK (ALLIANCE NO.2)
 ELECTRIC (BR)
 75
 3.5
 ELECTRIC
 52.5
 NOT FITTED
 NOT FITTED
 NOT FITTED

ALTERNATIVES

TRACTION DATA FOR MULTIPLE UNITS

EMU- FENCHURCH ST.-SHOEBURNESS. INTRODUCED AS CLASS 308/2 1961-RECLASSED 1971 (CONVERTED FROM MOTOR LUGGAGE VAN)
 VOLTAGE 25 & 6.25 KV A.C.OVERHEAD
 TRACTION MOTORS 4 X 192 HP D.C.ENGLISH ELECTRIC

BASIC TYPE

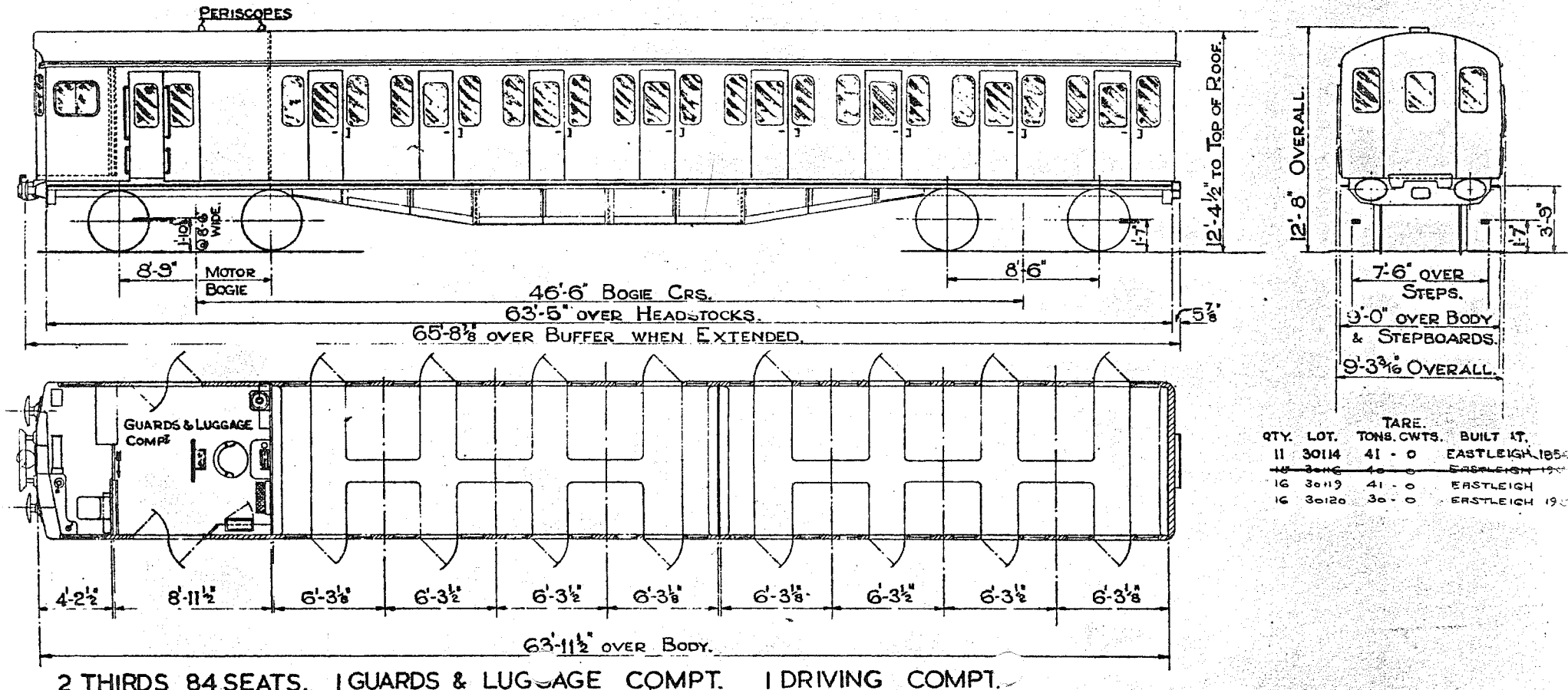
ED 208 0A

VARIANTS

NONE

MOTOR OPEN THIRD BRAKE

BR.400

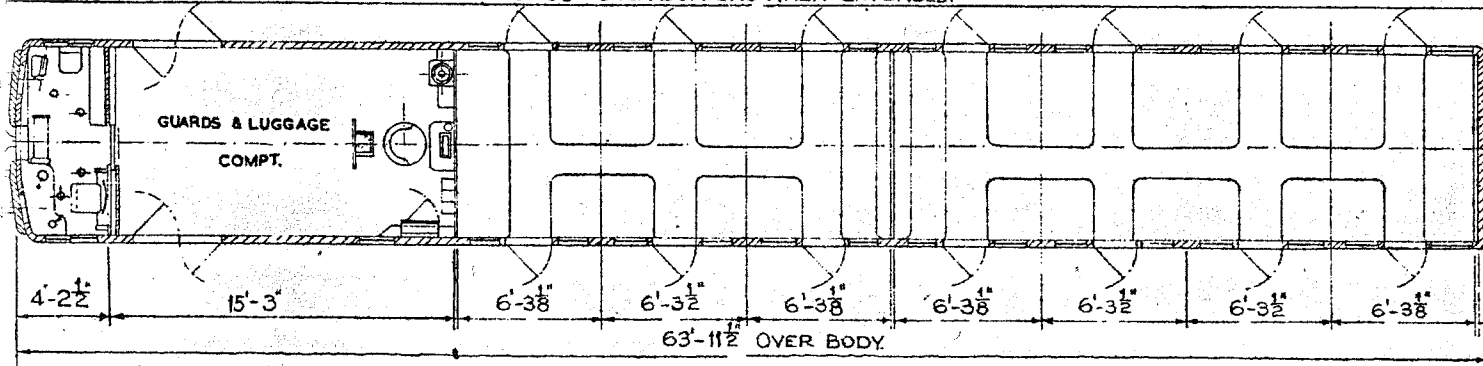
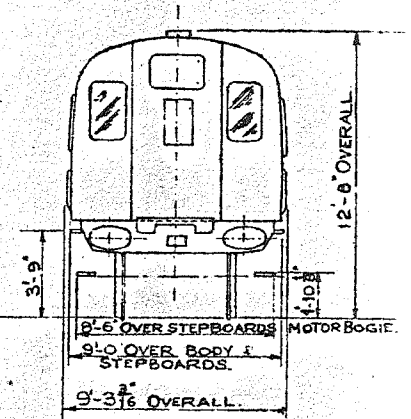
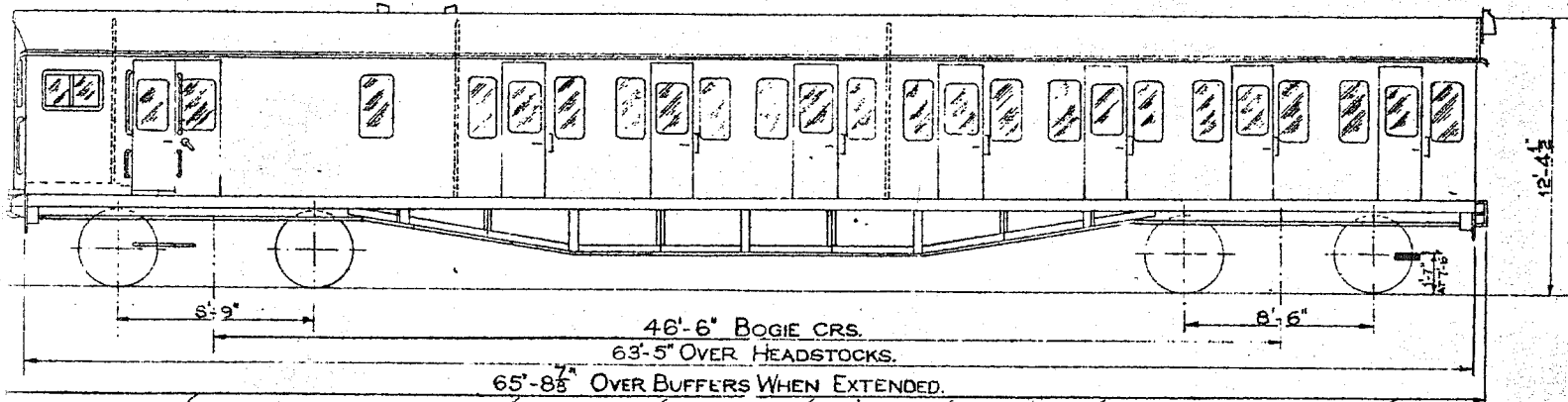


		TARE.			
QTY.	LOT.	TONS.	CWTS.	BUILT AT.	BY.
11	30114	41	0	EASTLEIGH	1854
16	30116	40	0	EASTLEIGH	1854
16	30119	41	0	EASTLEIGH	1854
16	30120	30	0	EASTLEIGH	1854

MOTOR OPEN THIRD BRAKE

*South Tyneside
Electric*

B.R. 401



TARE				BUILT AT.
QTY	LOT	TONS.	CWTS.	
15	3016	40 - 0		EASTLEIGH 1952

1 DRIVING COMPT. 1 GUARDS & LUGGAGE COMPT.

2 THIRDS 74 SEATS.

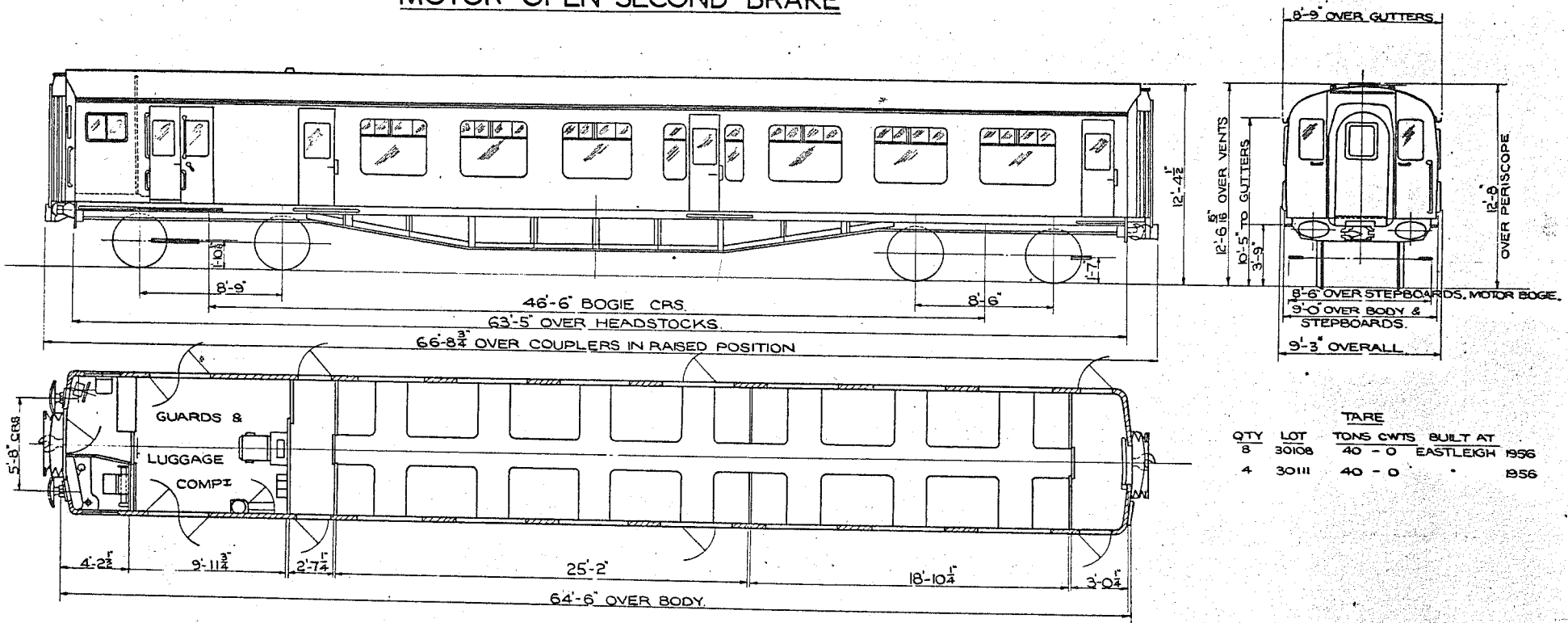
AIR BRAKE

Original © BRB Residuary Ltd

Original diagrams courtesy of Clive Mortimore. This PDF copy by J.D. Faulkner, 2010
(visit <http://www.barrowmoremrg.co.uk>)

MOTOR OPEN SECOND BRAKE

B.R. 402



		TARE			
QTY	LOT	TONS	CWTS	BUILT AT	
8	30108	40	0	EASTLEIGH	1956
4	30111	40	0		1956

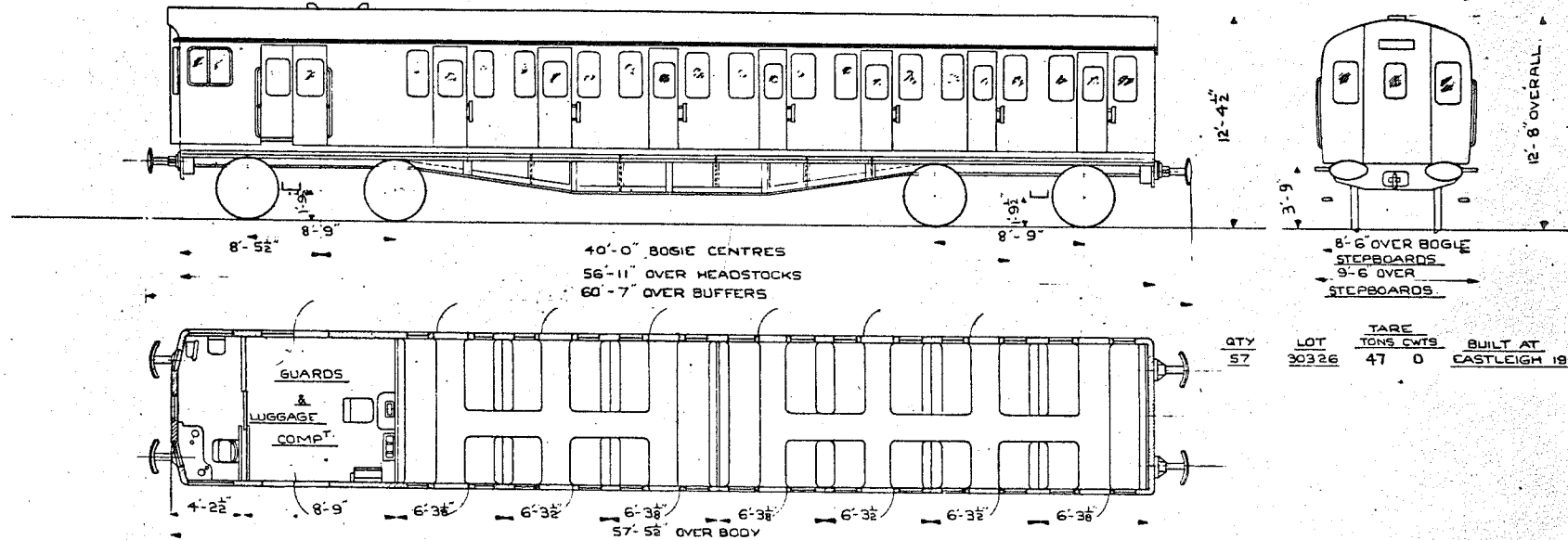
1 SECOND 56 SEATS. 1 GUARDS & LUGGAGE COMPT. 1 DRIVING COMPT.



AIR BRAKE

MOTOR OPEN SECOND BRAKE.

B.R. 403



QTY	LOT	TARE TONS CWTs	BUILT AT
57	30326	47 0	CASTLEIGH 1957

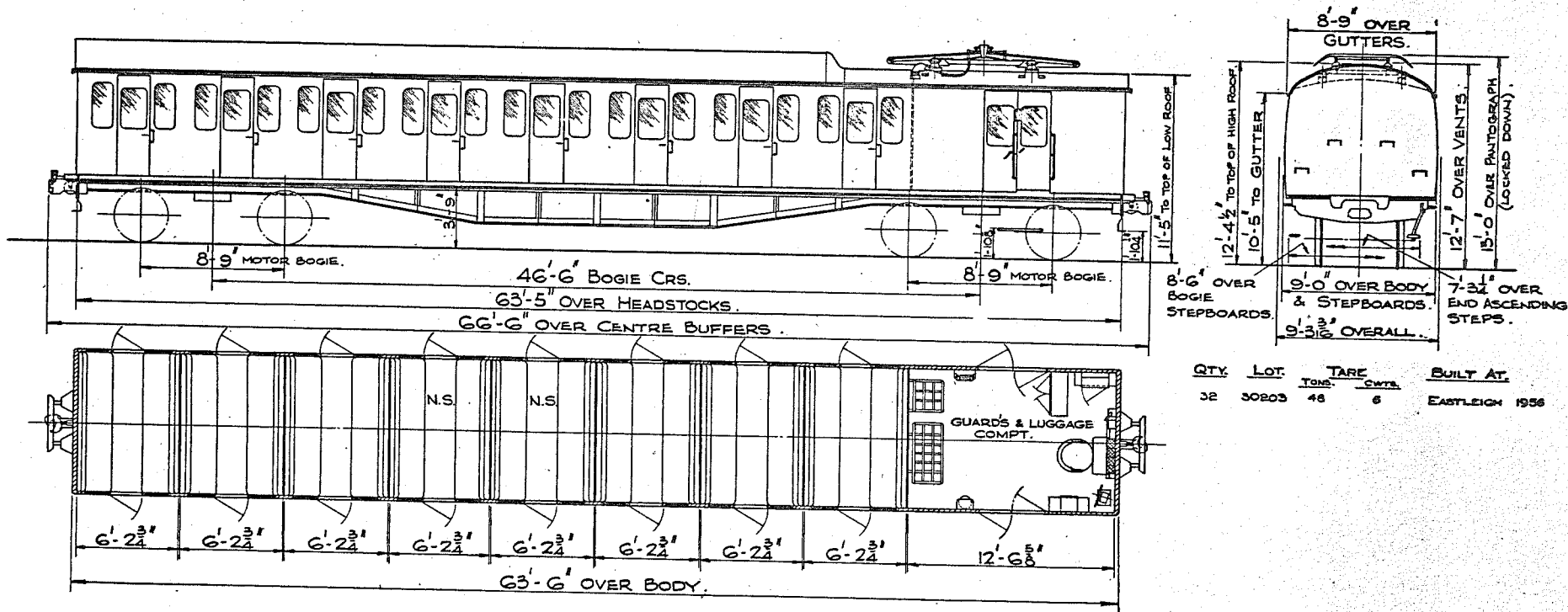
2 SECONDS. 74 SEATS. 1 GUARDS & LUGGAGE COMP.™ 1 DRIVING COMP.™



AIR BRAKE

MOTOR BRAKE SECOND

B.R.404



QTY.	LOT.	TARE	BUILT AT.
		TONS.	CWTS.
32	30203	48	6
			EASTLEIGH 1956

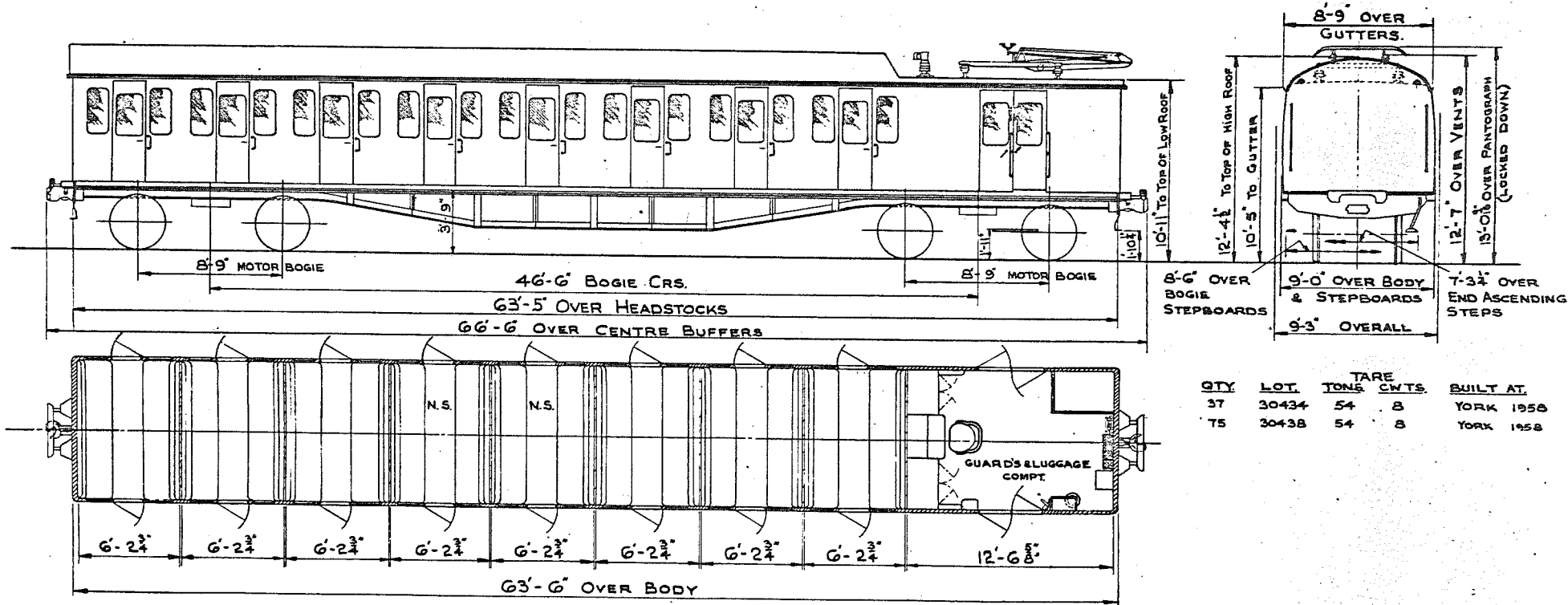
8 SECONDS. 96 SEATS. 1 GUARDS & LUGGAGE COMPT.

SCALE 0 2 4 6 8 10 FEET.

AIR BRAKE

NON DRIVING MOTOR SECOND BRAKE.

B.R.405.



QTY	LOT	TARE TONS	G.WTS	BUILT AT
37	30434	54	8	YORK 1958
75	30438	54	8	YORK 1958

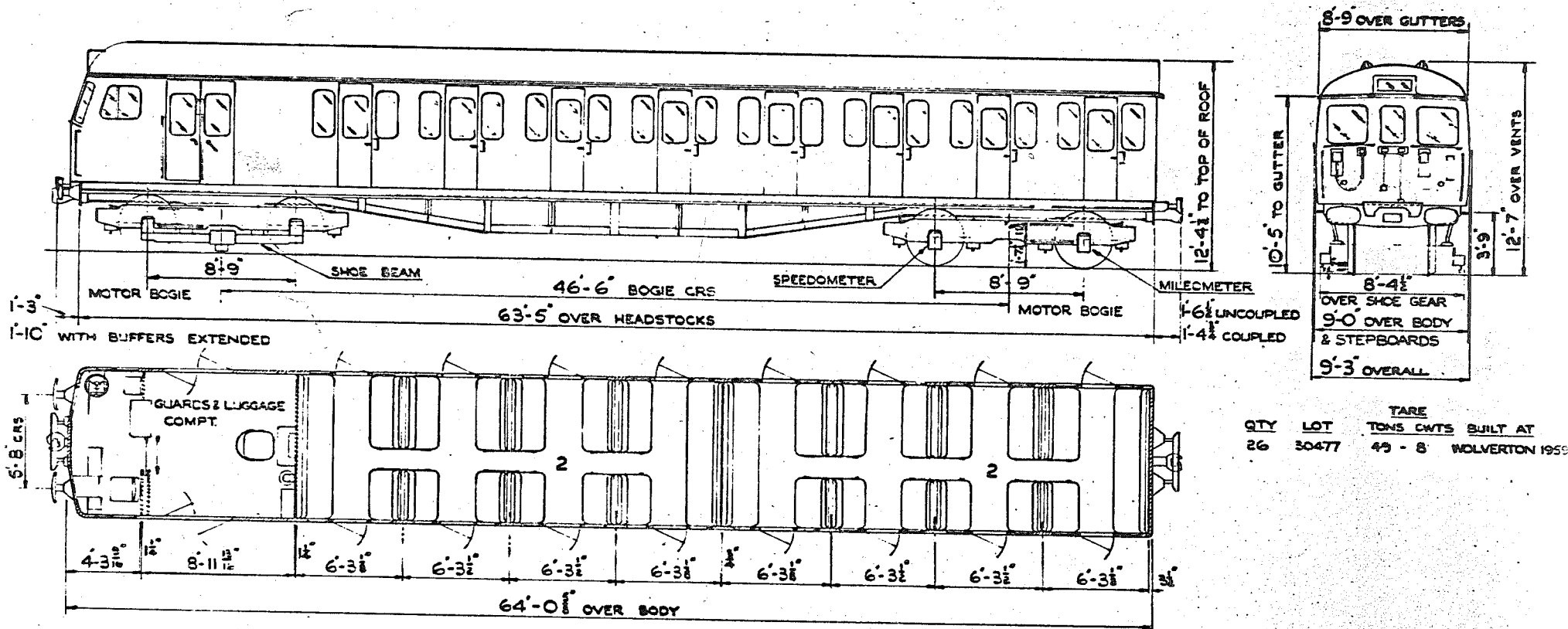
8 SECONDS 96 SEATS 1 GUARDS & LUGGAGE COMPT.

"AIR BRAKES"



MOTOR OPEN SECOND BRAKE.

BR 407

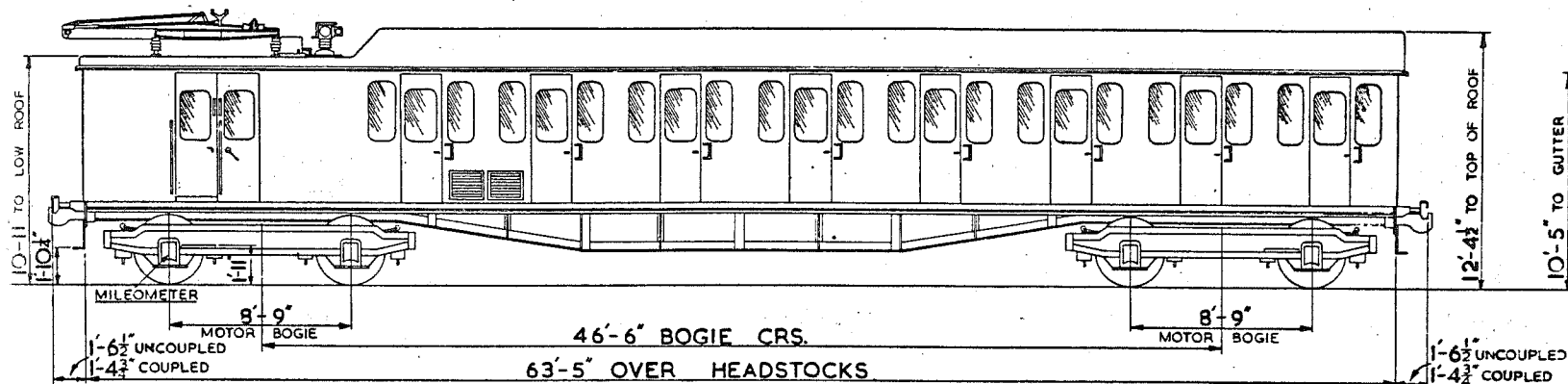


QTY	LOT	TARE TONS	CWTS	BUILT AT
26	30477	49 - 8		WOLVERTON 1958

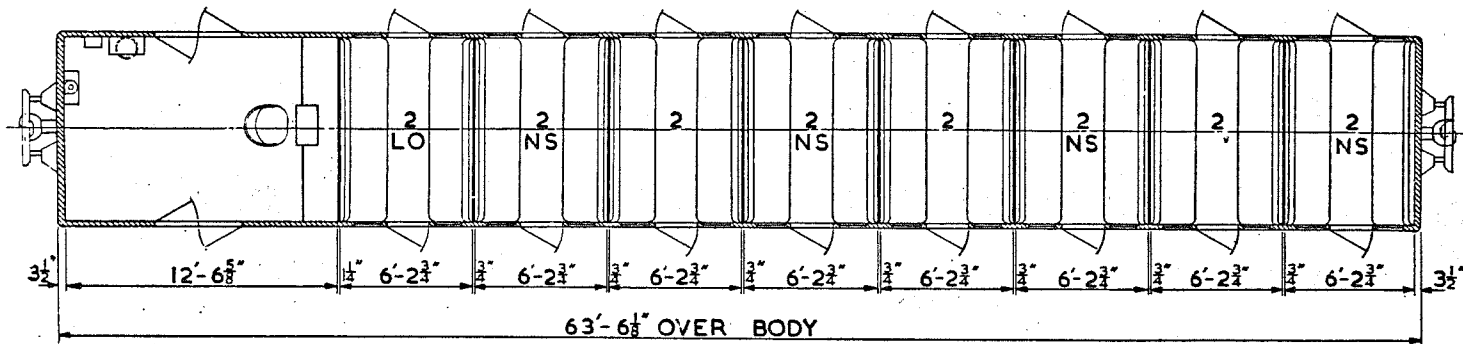
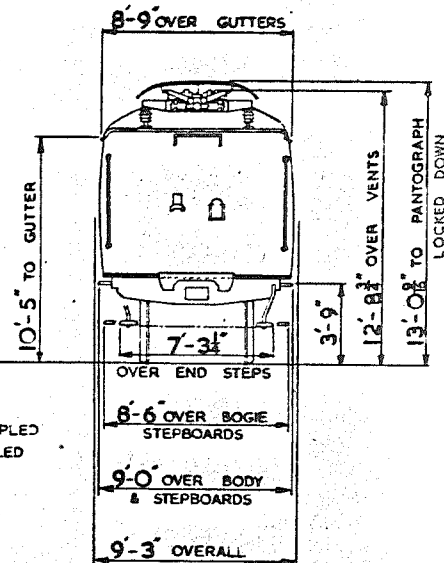
2 SECONDS 84 SEATS. 1 GUARDS & LUGGAGE COMPT. 1 DRIVING COMPT. AIR BRAKES.



MOTOR BRAKE SECOND



BR. 408



QTY	LOT	TARE		BUILT AT
		TONS	CWTS	
15	30428	53	12	WOLVERTON 1960

8 SECONDS - 96 SEATS

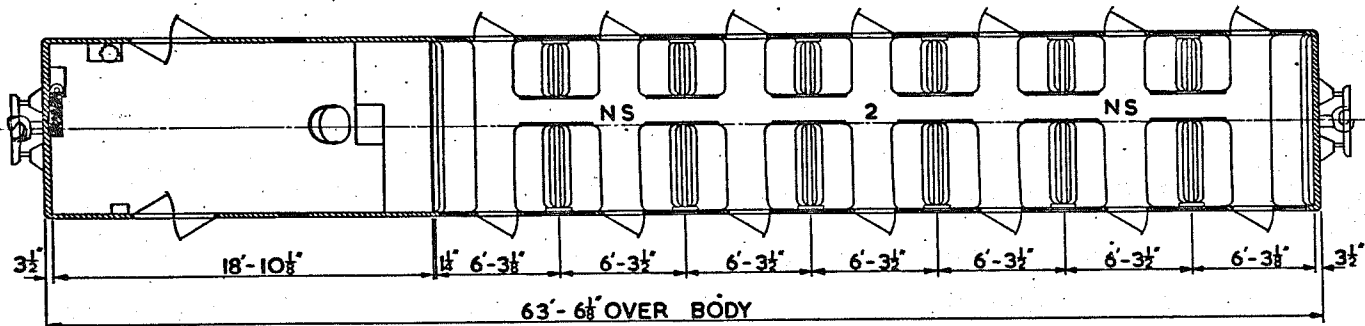
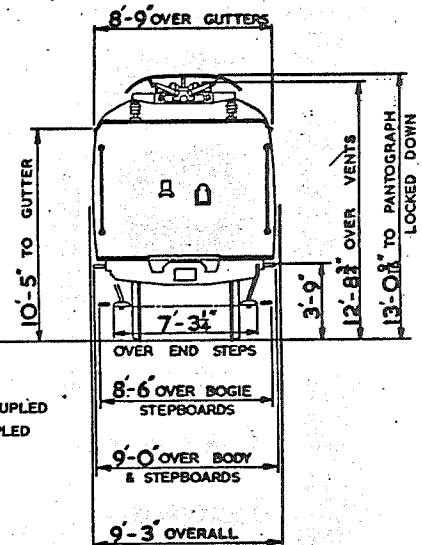
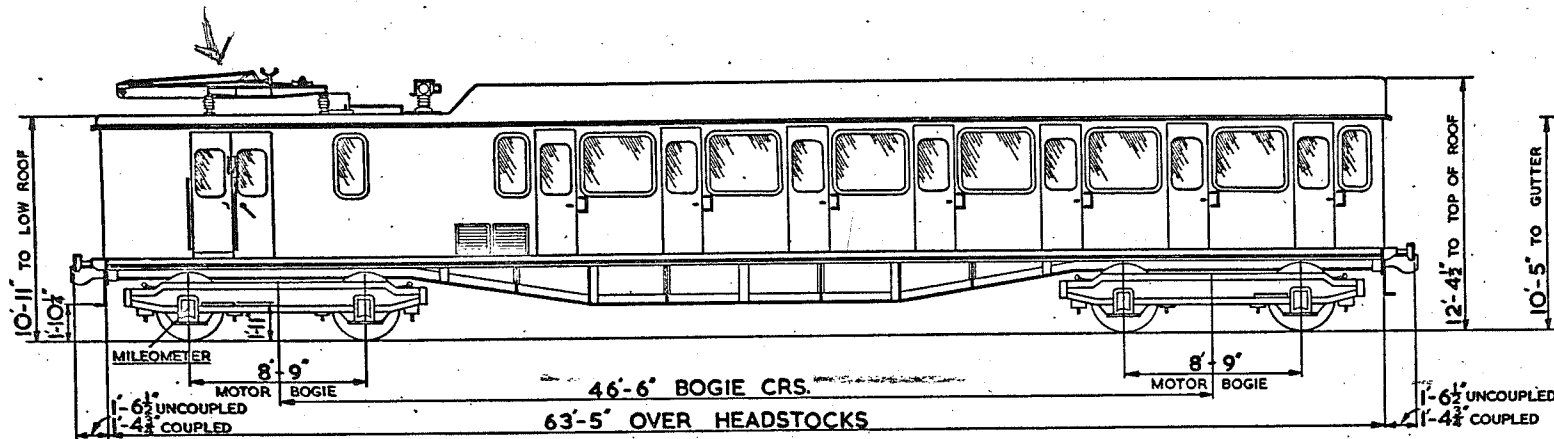
1 GUARDS COMPT.

AIR BRAKES



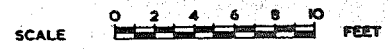
MOTOR OPEN SECOND BRAKE

B.R.409



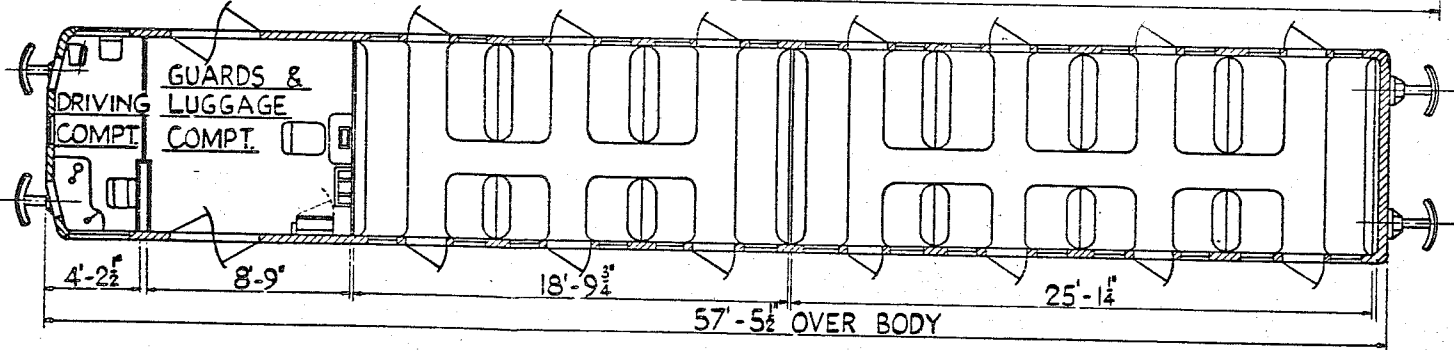
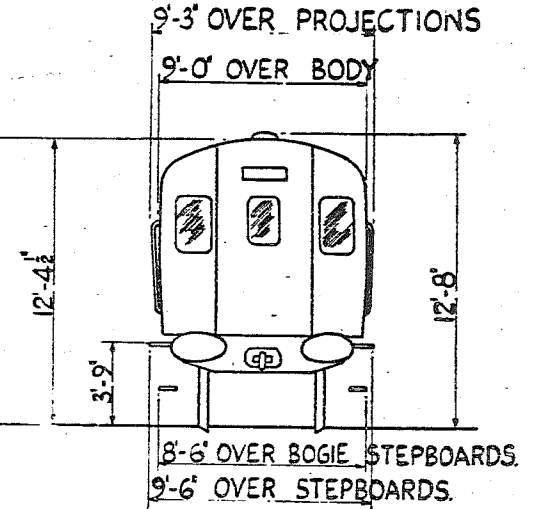
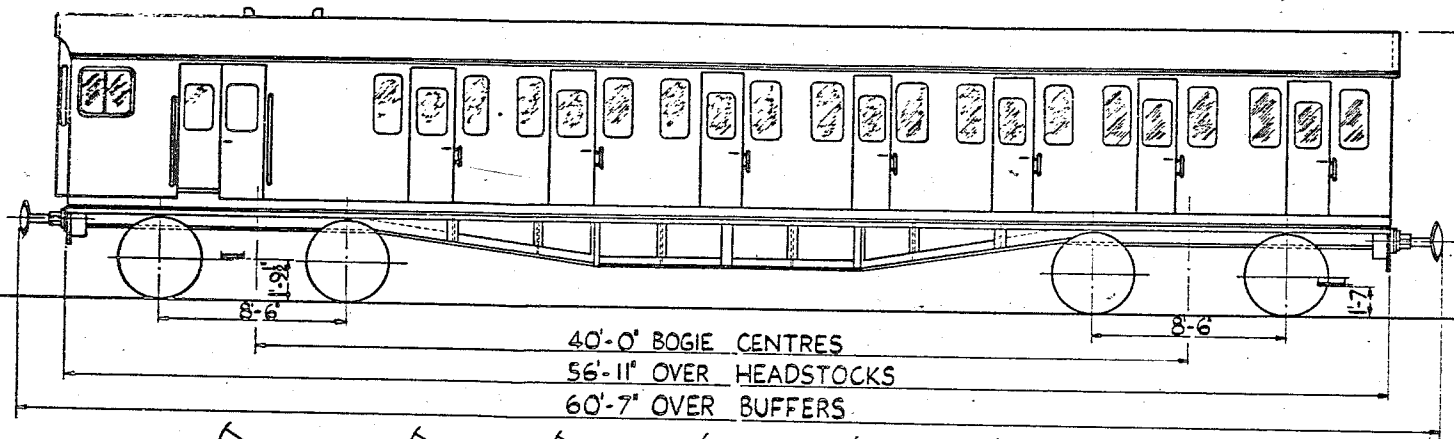
QTY	LOT	TARE		BUILT AT	YEAR
		TONS	CWTS		
20	30607	54	3	WOLVERTON	1960
10	30642	54	3	WOLVERTON	1961

I SECOND 72 SEATS I GUARDS COMPT. AIR BRAKES



DRIVING TRAILER OPEN SECOND BRAKE

BR 410

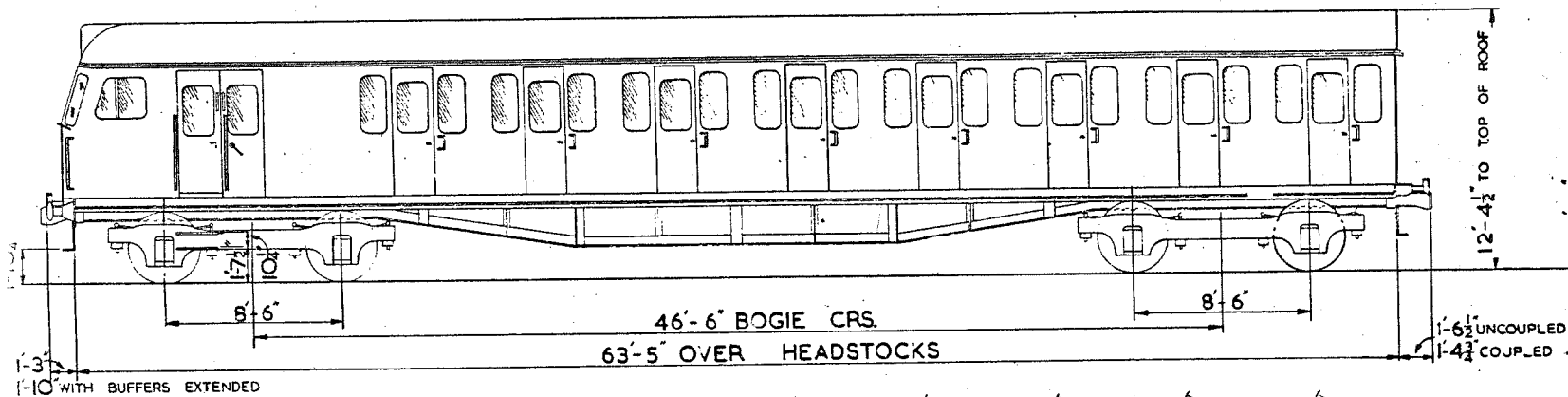


QTY	LOT	TARE		BUILT AT
		TONS	CWTS	
57	30328	30	0	EASTLEIGH 1957

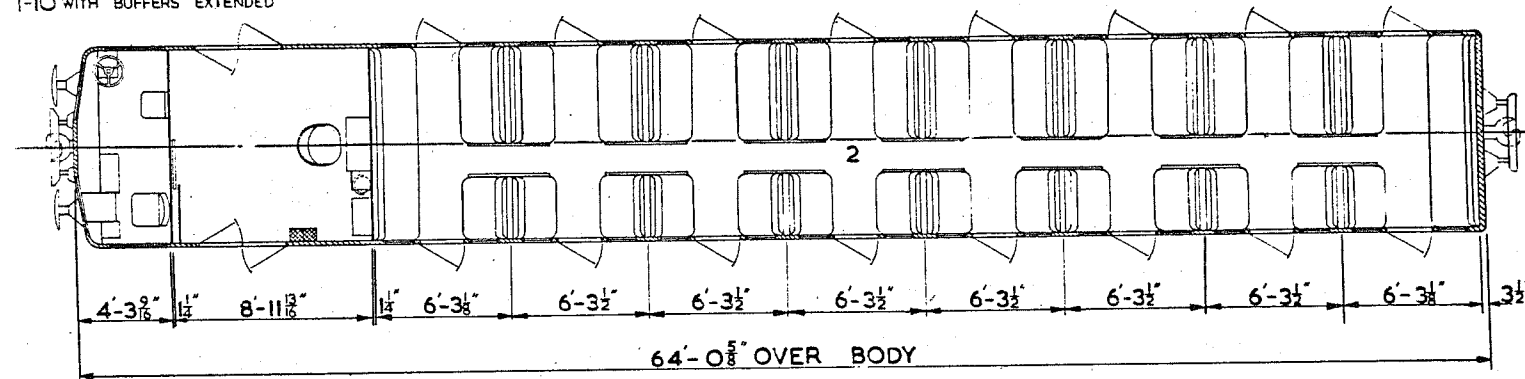
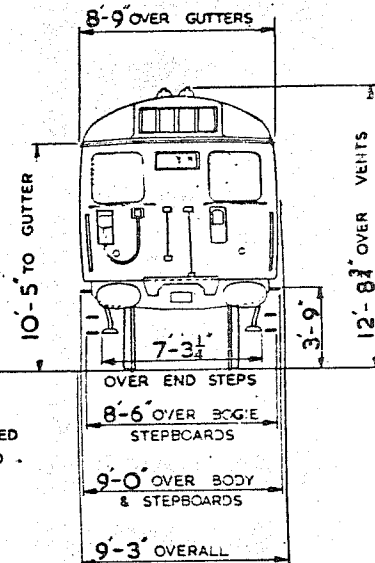
2 SECONDS. 74 SEATS. 1 GUARDS & LUGGAGE COMPT. 1 DRIVING COMPT.
AIR BRAKE



DRIVING TRAILER OPEN SECOND BRAKE



B.R. 411



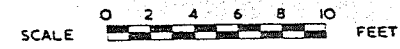
QTY	LOT	TARE		BUILT AT
		TONS	CWTS	
15	30430	31	8	WOLVERTON 15

1 SECOND - 82 SEATS

1 GUARDS COMPT.

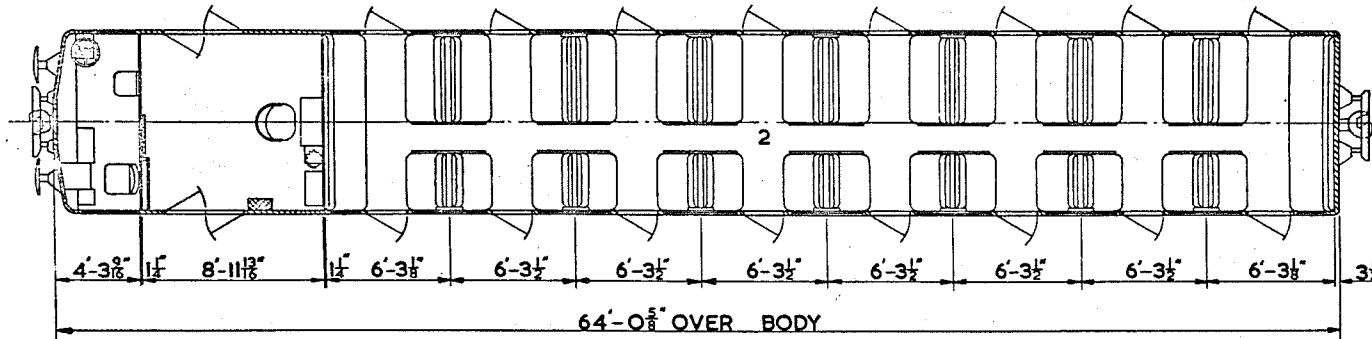
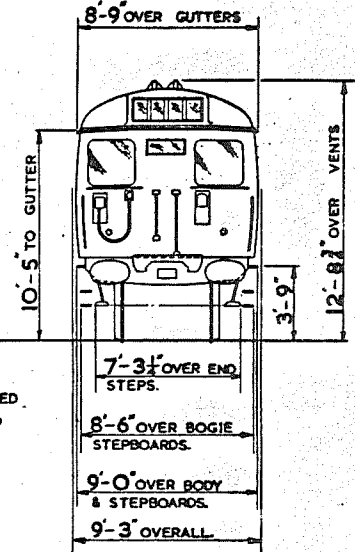
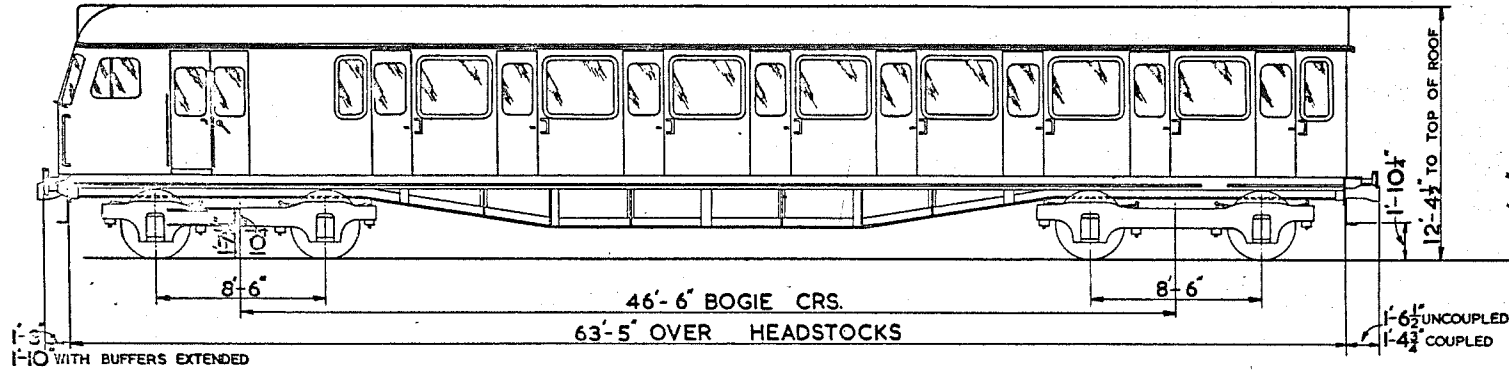
1 DRIVING COMPT.

AIR BRAKES



DRIVING TRAILER OPEN SECOND BRAKE

B.R. 412



QTY	LOT	TARE		BUILT AT
		TONS	CWTS	
20	30608	32	0	WOLVERTON 1960
10	30643	32	0	WOLVERTON 1961

1 SECOND - 82 SEATS

1 GUARDS COMPT.

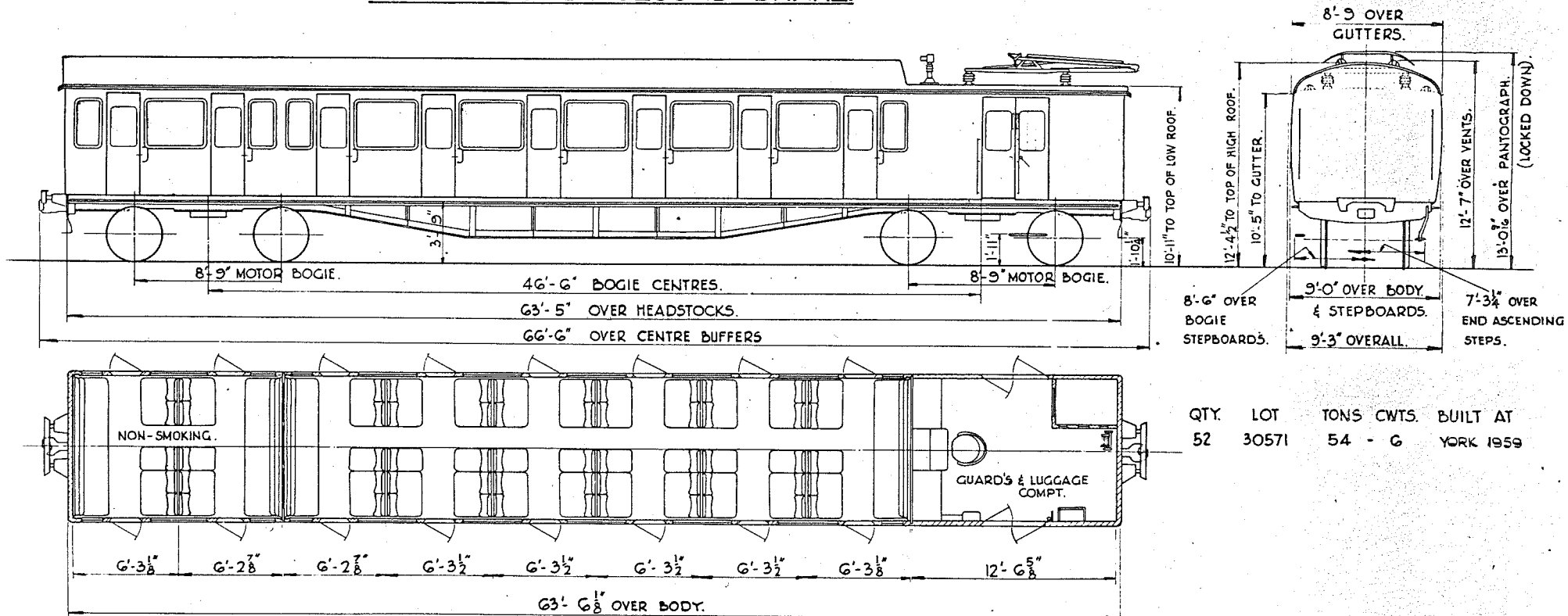
1 DRIVING COMPT.

AIR BRAKES.



B.R. 413

MOTOR OPEN SECOND BRAKE.



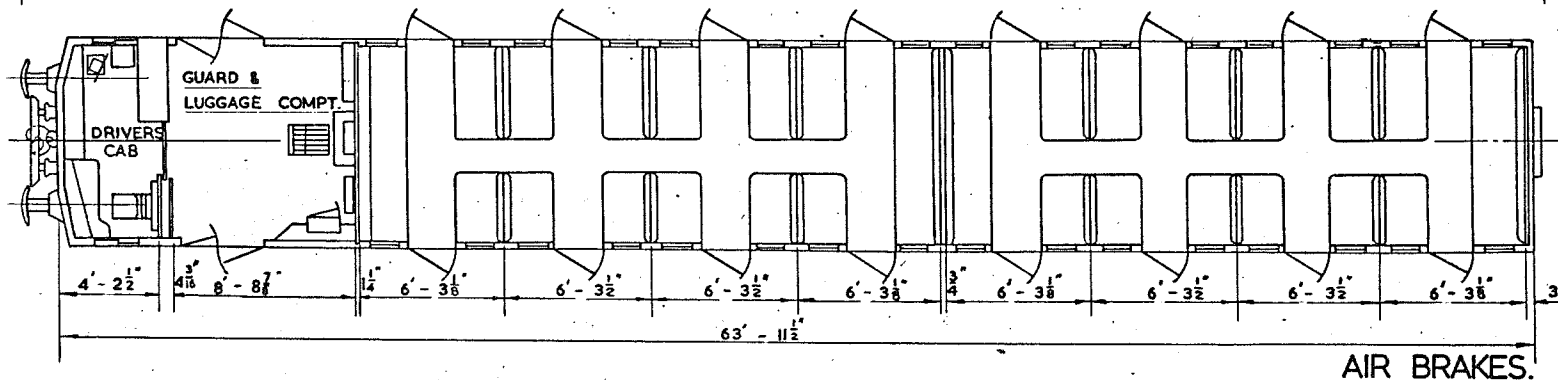
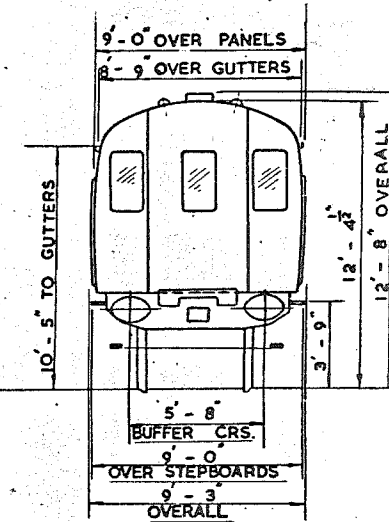
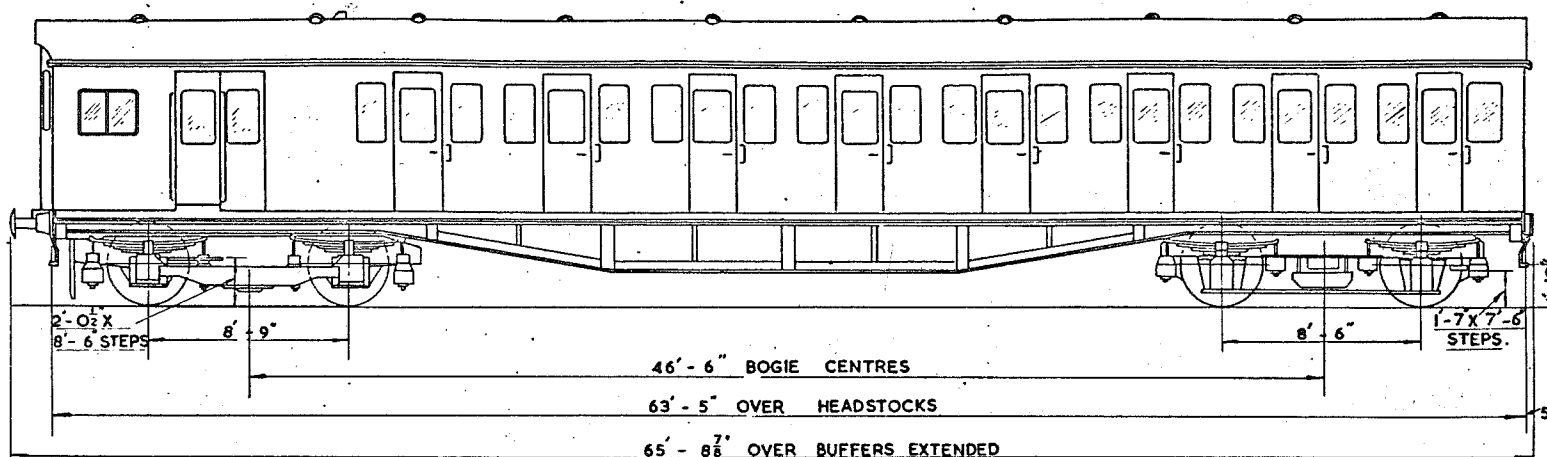
QTY.	LOT	TONS	CWTS.	BUILT AT
52	30571	54	- 6	YORK 1959

2 OPEN SECONDS 84 SEATS 1 GUARD & LUGGAGE COMPT.

AIR BRAKES
FLUORESCENT LIGHTING IN SALOONS



MOTOR SECOND BRAKE



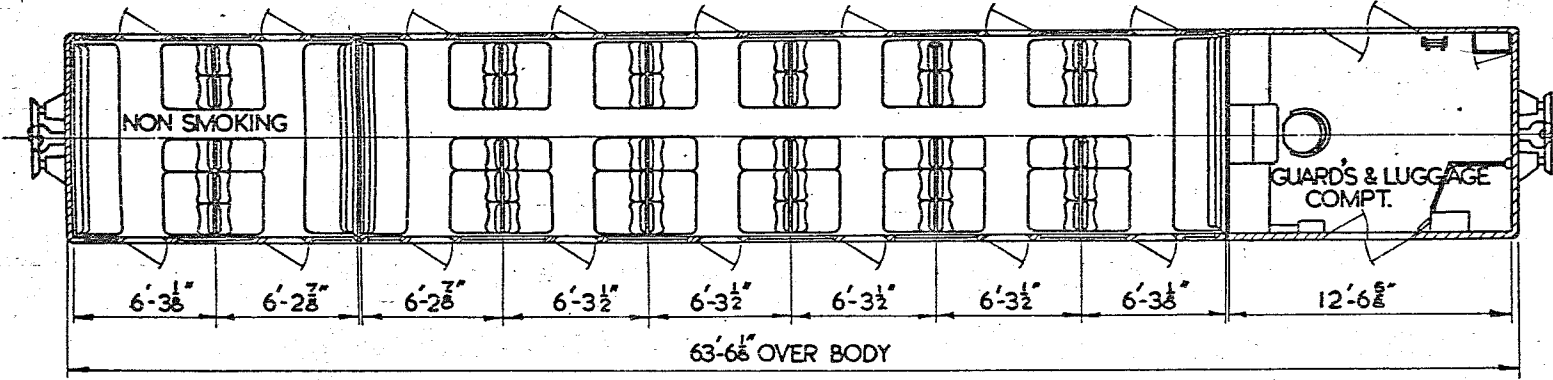
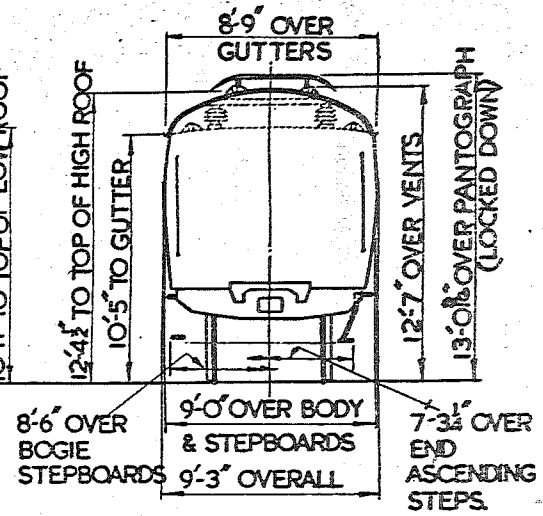
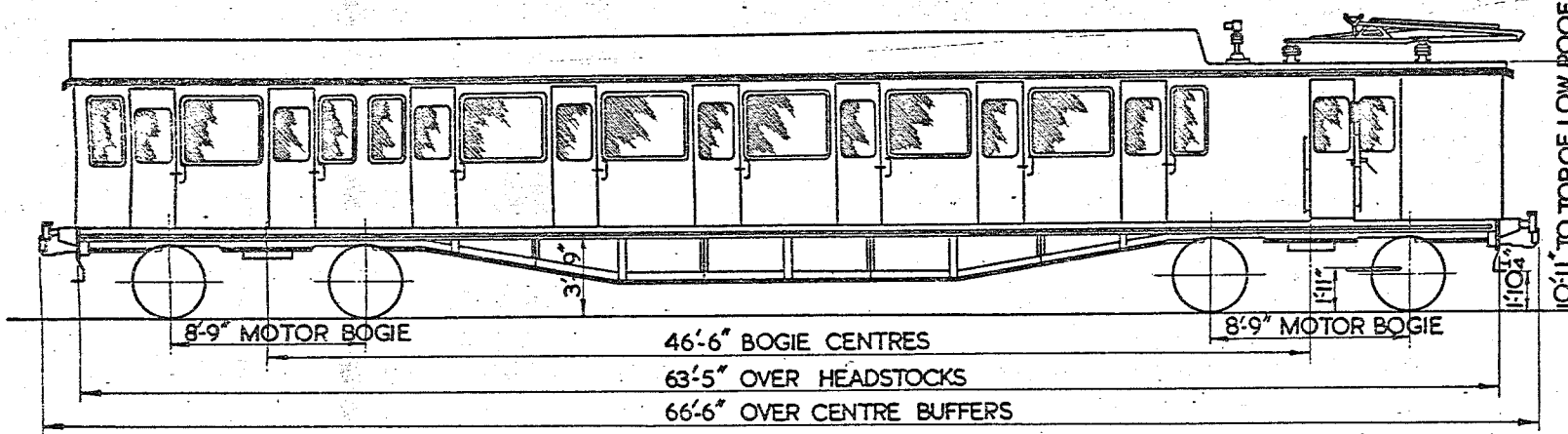
QTY.	LOT No.	TARE	VEH. No.
84	30582	No 1 MTR. 40 TONS	61516 -
		No 2 MTR. 39 TONS	61599

BUILT AT EASTLEIGH

2 SECONDS 84 SEATS. 1 GUARDS & LUGGAGE COMPT. 1 DRIVING COMPT.

NON DRIVING MOTOR OPEN SECOND BRAKE

BR. 415



QTY	LOT	TONS	CWTS	BUILT AT
3	30695	54	0	C & W WORKS YORK 1961

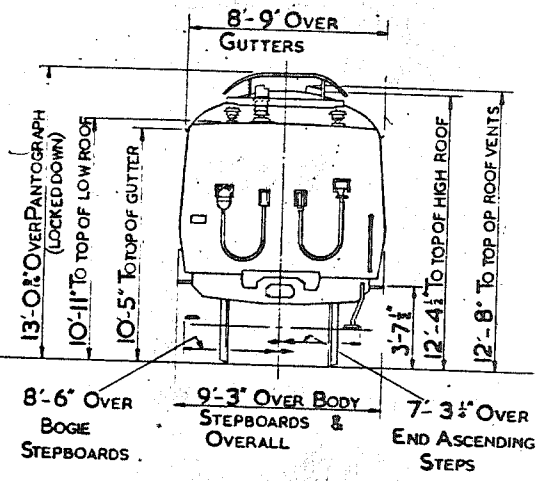
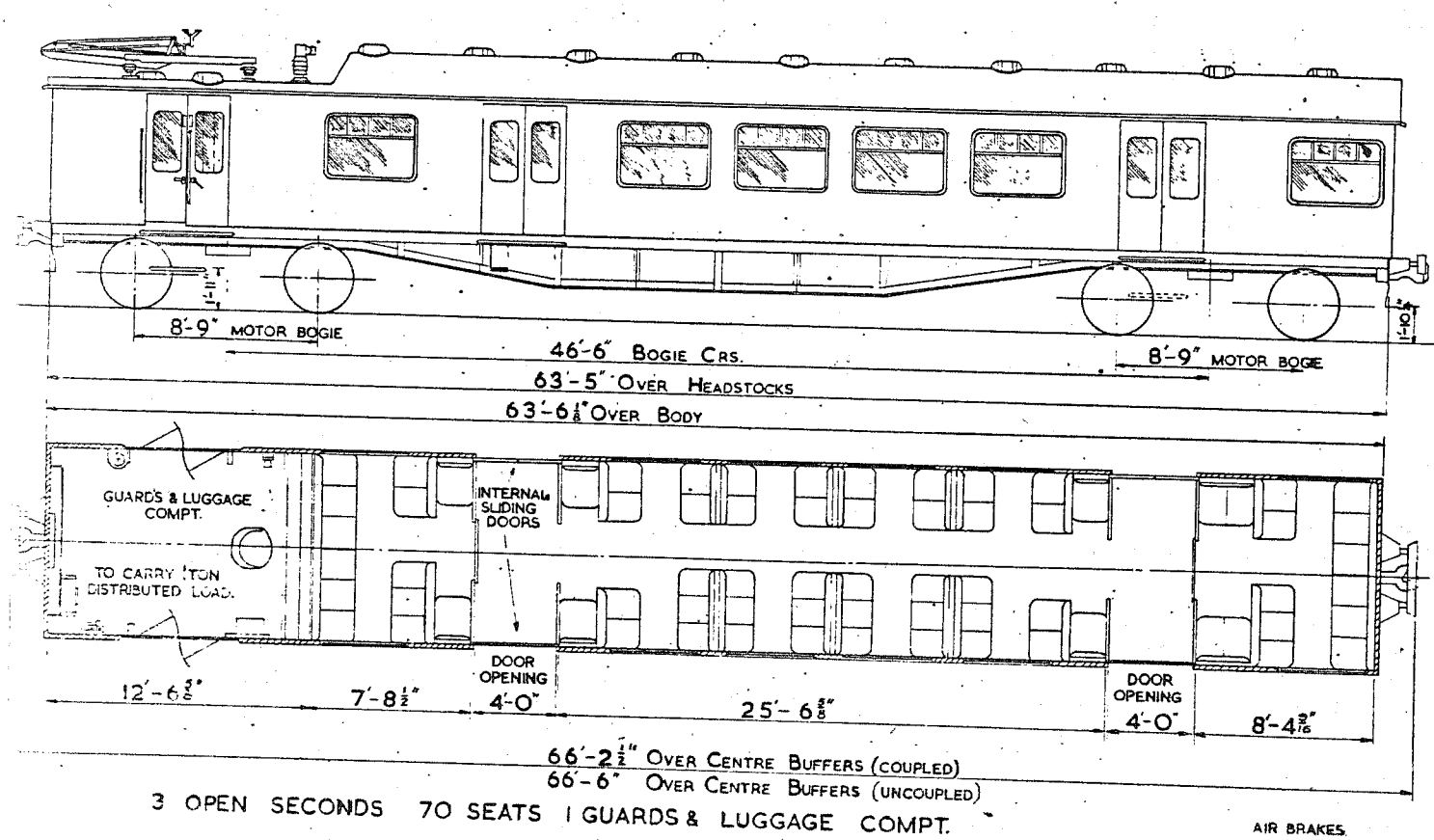
2. OPEN SECONDS 84 SEATS 1 GUARD & LUGGAGE COMPT.

AIR BRAKES
FLUORESCENT LIGHTING IN SALOONS



NON-DRIVING MOTOR OPEN SECOND BRAKE.

B.R. 416.

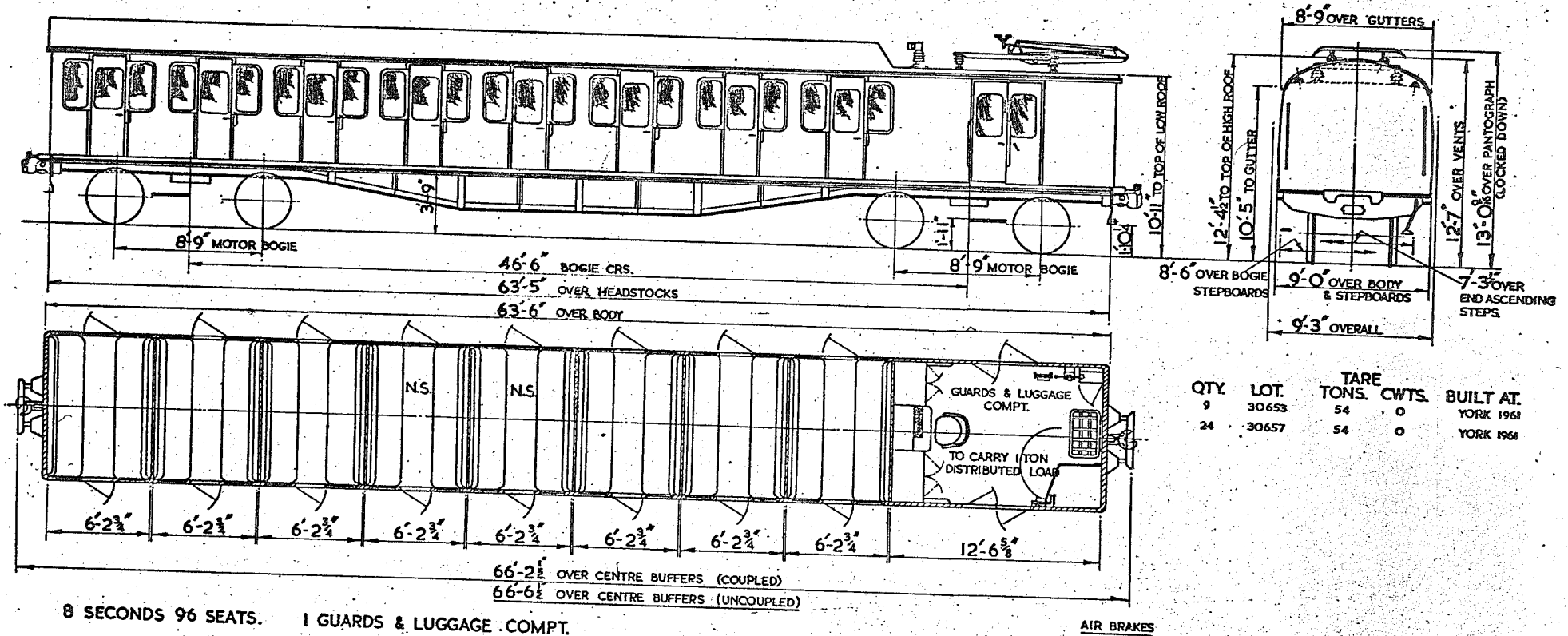


QTY.	LOT.	TONS.	CWTS.	BUILT AT
35	30580	55	11	PRESSED STEEL C ^o 1961
56	30630	55	11	



NON DRIVING MOTOR SECOND BRAKE

B.R. 417

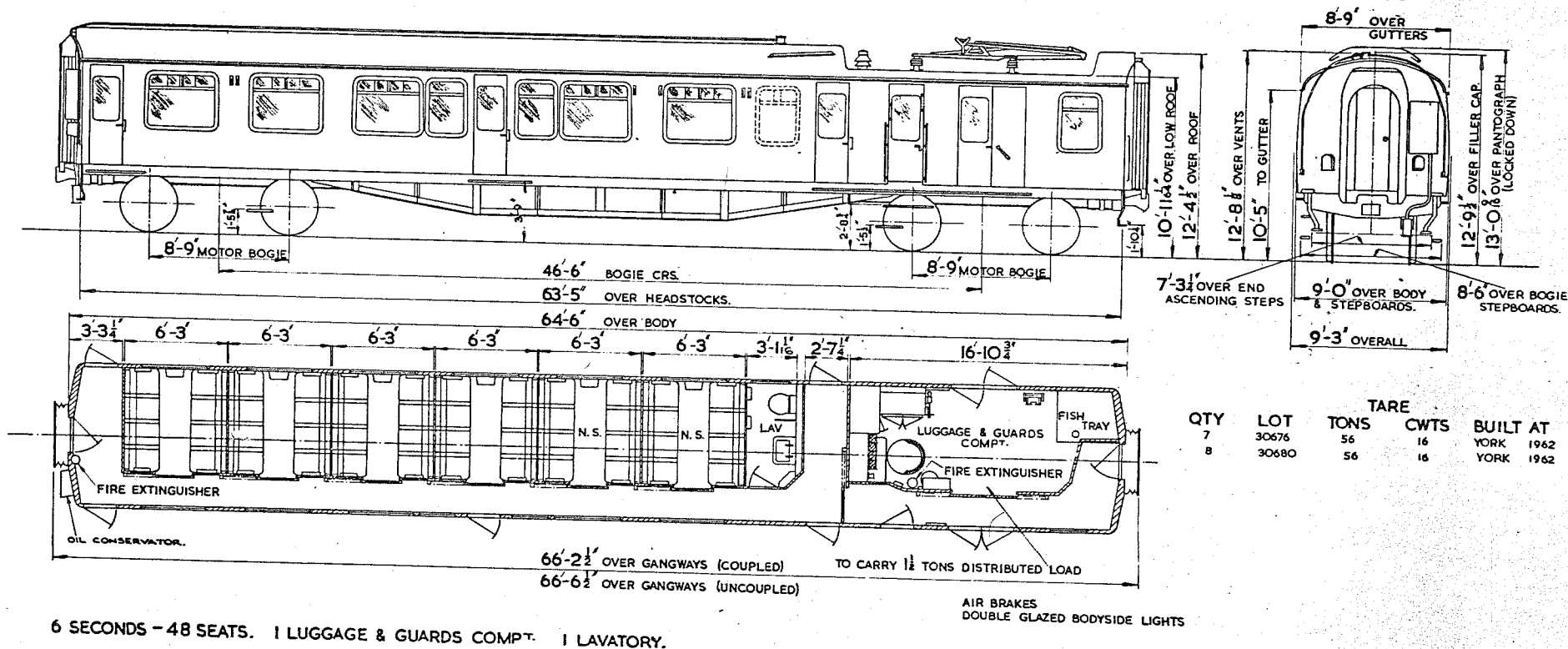


QTY.	LOT.	TARE TONS.	CWTS.	BUILT AT.
9	30653	54	0	YORK 1961
24	30657	54	0	YORK 1961



GANGWAYED NON-DRIVING MOTOR SECOND BRAKE

B.R. 418

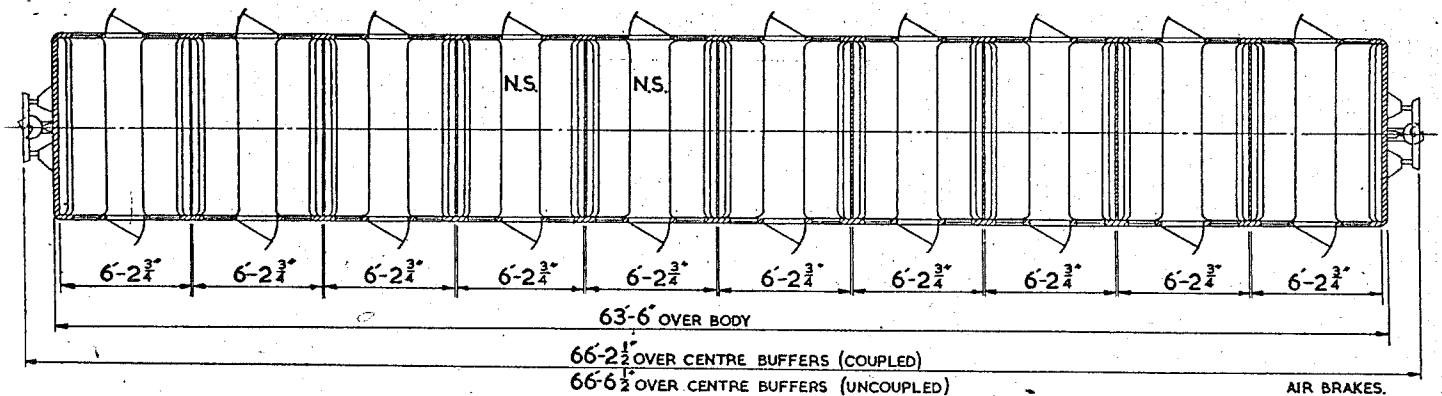
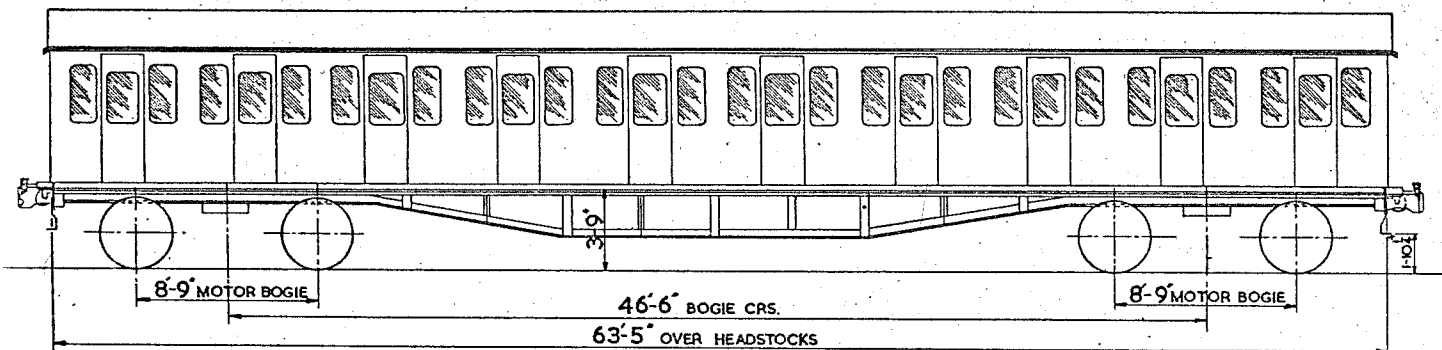


QTY	LOT	TARE		BUILT AT
		TONS	CWTS	
7	30676	56	16	YORK 1962
8	30680	56	16	YORK 1962



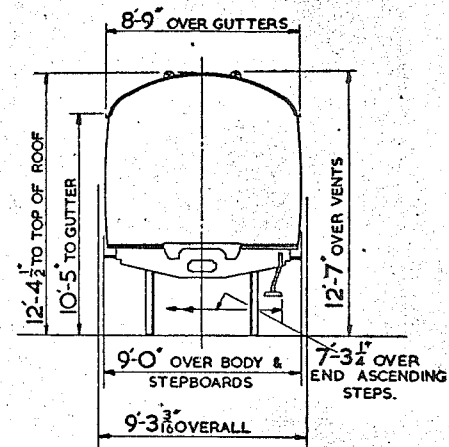
MOTOR SECOND

CONVERTED FROM MOTOR BRAKE SECOND DIAGRAM B.R. 404.



10 SECONDS 120 SEATS.

B.R. 419

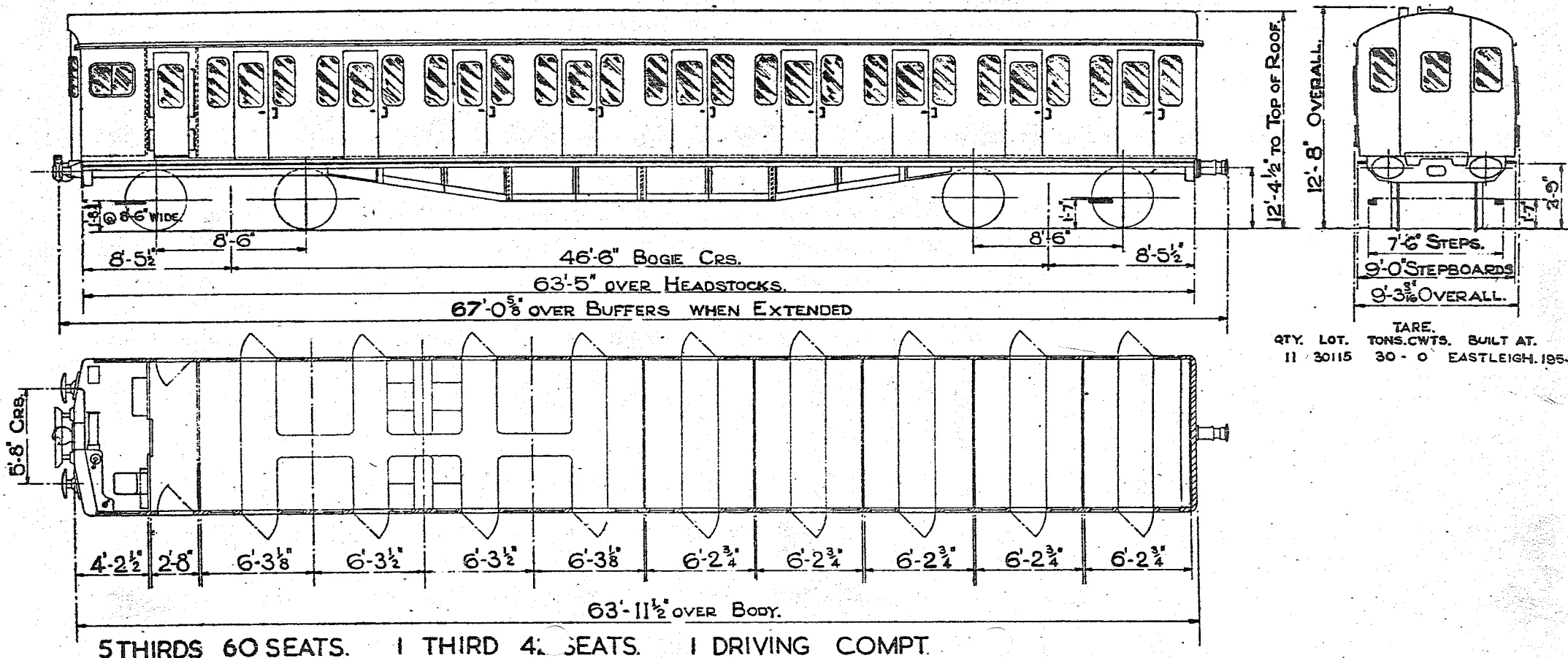


QTY	LOT	TARE TONS	CWTS	BUILT AT
32	30203			EASTLEIGH 1956 CONVERTED AT STRATFORD 1962.

SCALE. 0 2 4 6 8 10 FEET

DRIVING TRAILER SEMI-OPEN THIRD

BR. 420



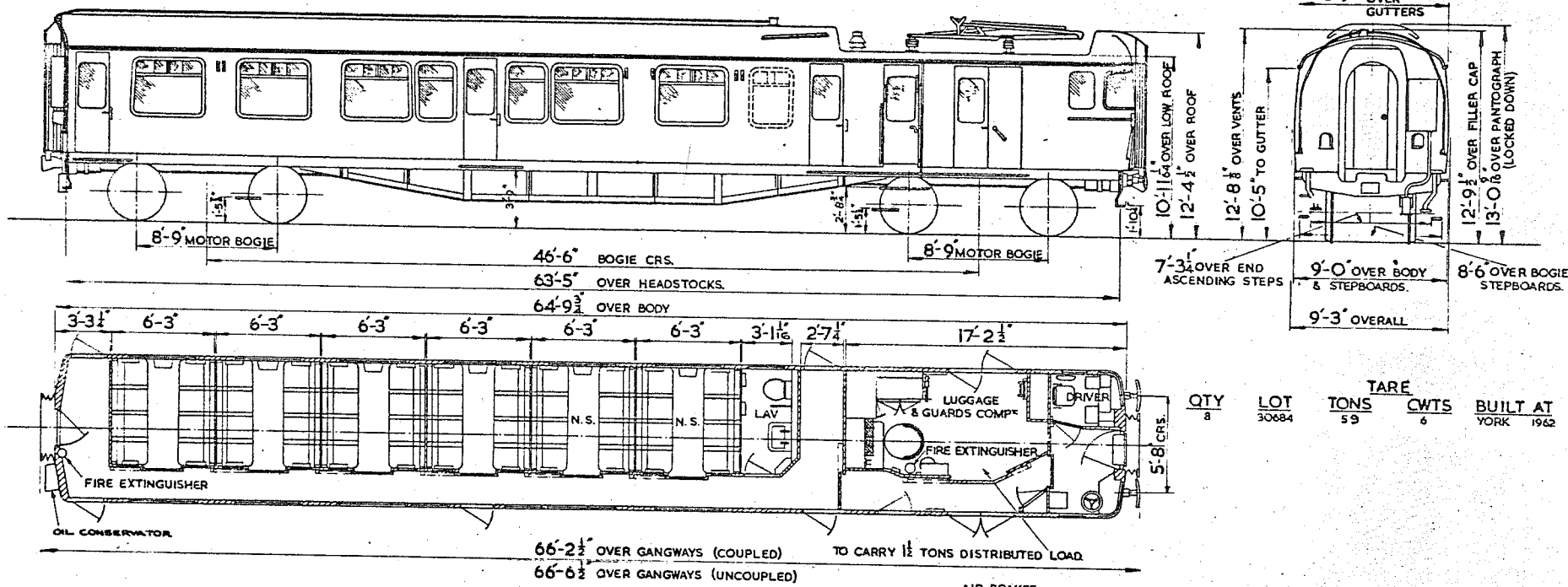
TARE.
 QTY. LOT. TONS.CWTS. BUILT AT.
 11 30115 30 - 0 EASTLEIGH.195.

Original © BRB Residuary Ltd

Original diagrams courtesy of Clive Mortimore. This PDF copy by J.D. Faulkner, 2010
 (visit <http://www.barrowmoremrg.co.uk>)

GANGWAYED DRIVING MOTOR SECOND BRAKE

B.R. 421



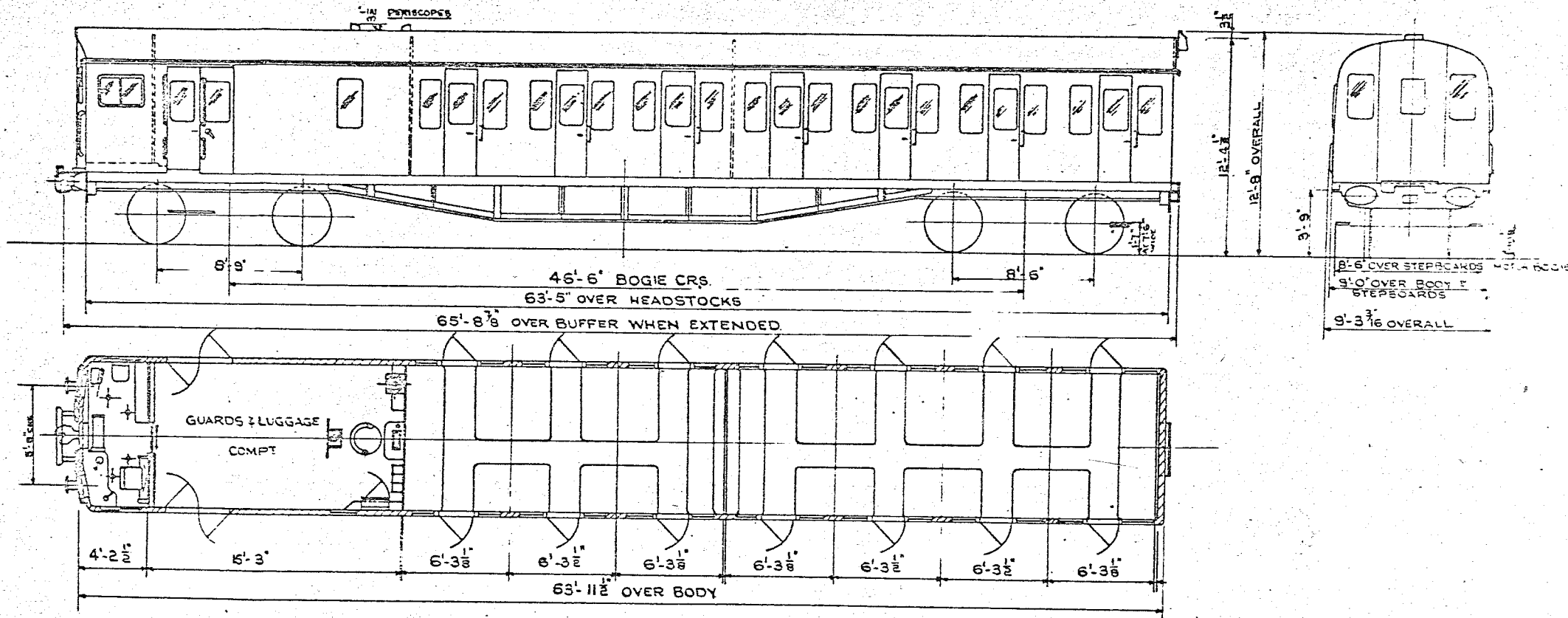
QTY	LOT	TARE TONS	CWTS	BUILT AT
8	30684	59	6	YORK 1962

6 SECONDS 48 SEATS. 1 LUGGAGE & GUARDS COMPT. 1 LAVATORY. 1 DRIVING COMPT.



MOTOR OPEN SECOND BRAKE

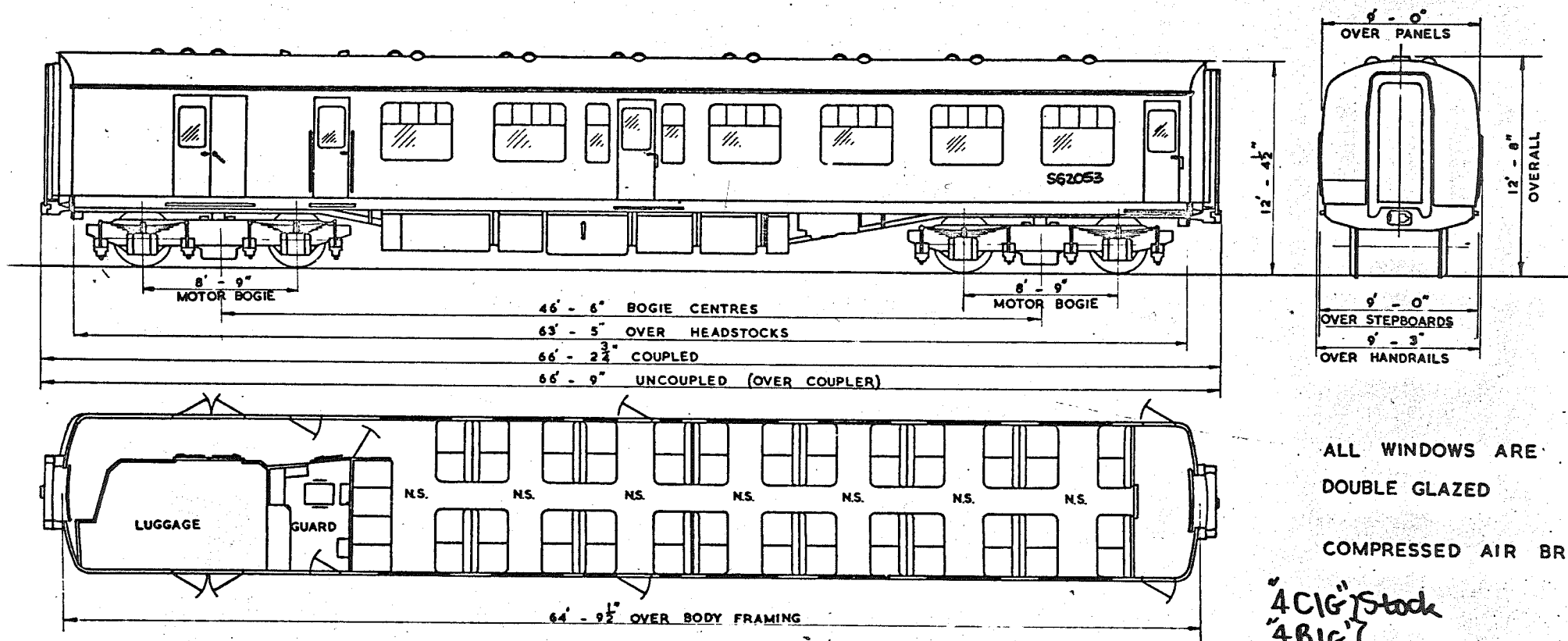
BR 422



2 SECONDS 74 SEATS. 1 GUARDS & LUGGAGE COMPT. 1 DRIVING COMPT.



NON - DRIVING MOTOR OPEN SECOND BRAKE



ALL WINDOWS ARE
DOUBLE GLAZED

COMPRESSED AIR BRAKE

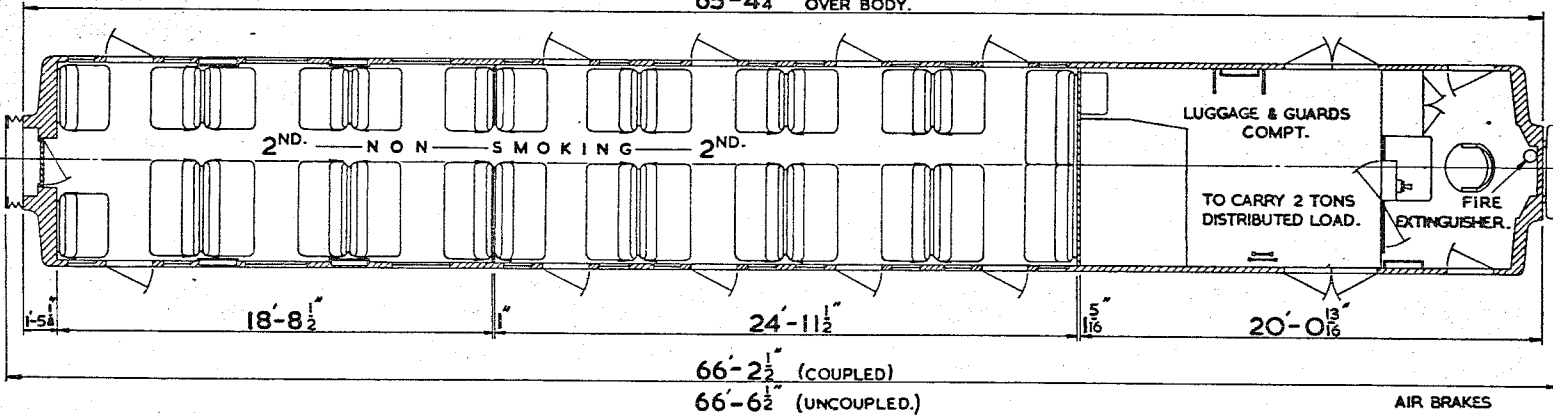
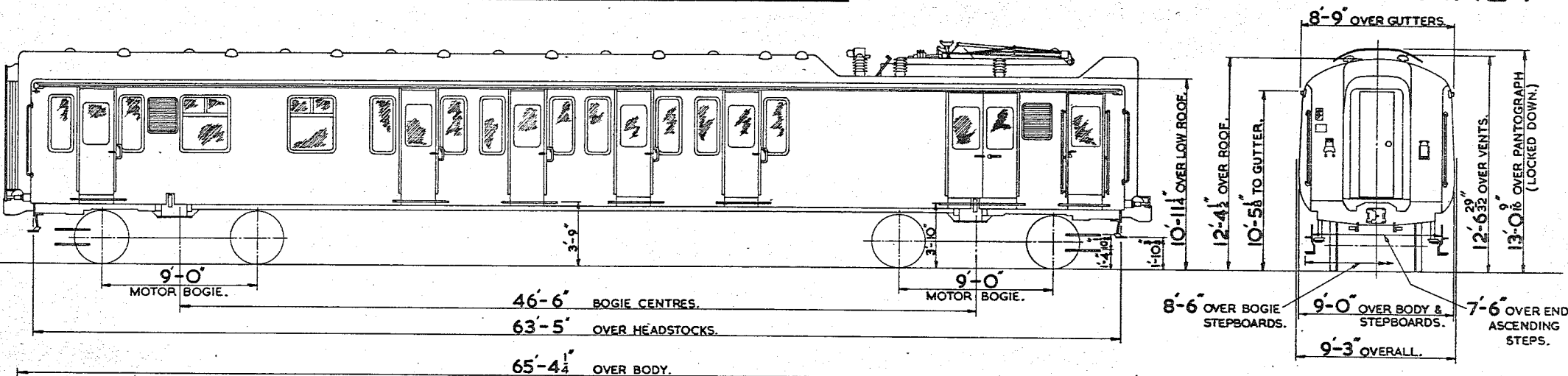
4CIG Stock
4BIG

1 LUGGAGE COMPT. 1 GUARD COMPT. 1 SALOON 56 SEATS

SCALE 0 2 4 6 8 10 FEET

MOTOR OPEN SECOND BRAKE.

B.R.424



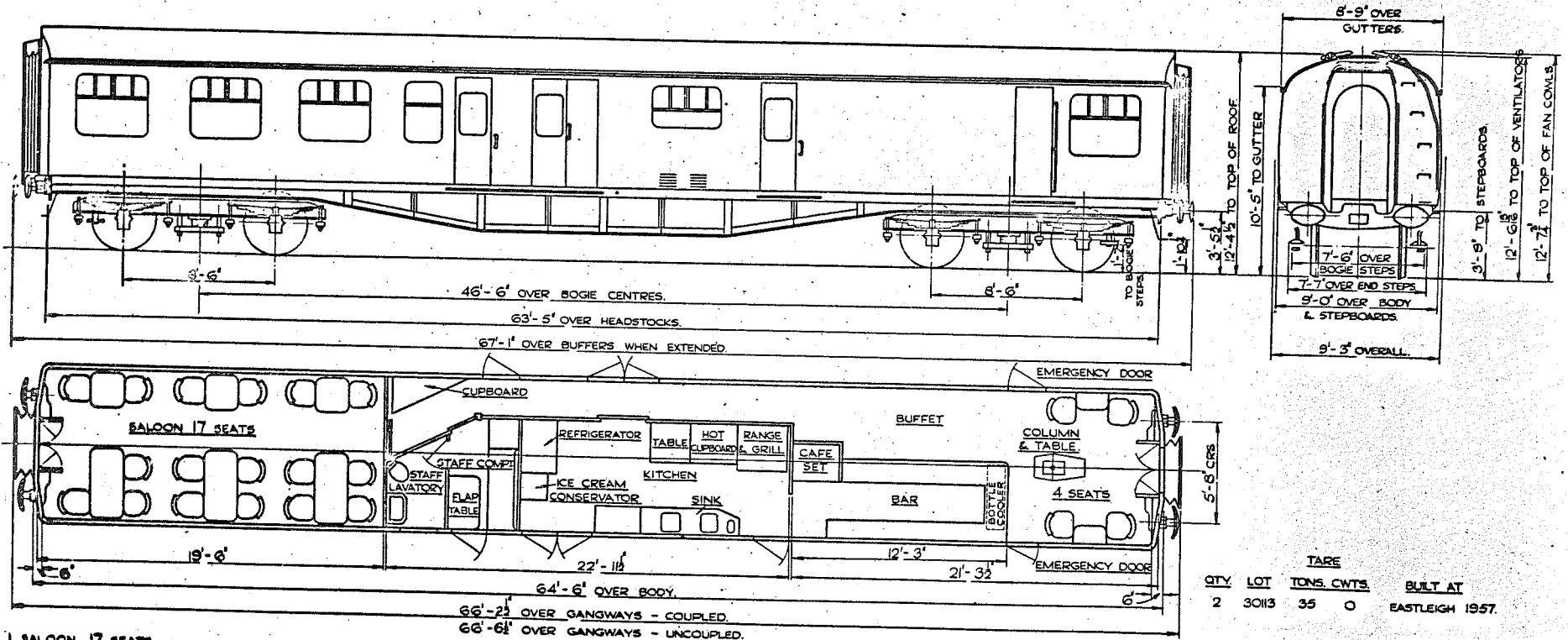
TARE.				BUILT AT.
QTY.	LOT.	TONS.	CWTS.	
50	30746	56	6 1/2	DERBY 1964/6.

2 OPEN SECONDS 70 SEATS



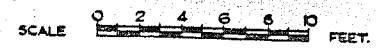
BUFFET CAR.

B. R. 425



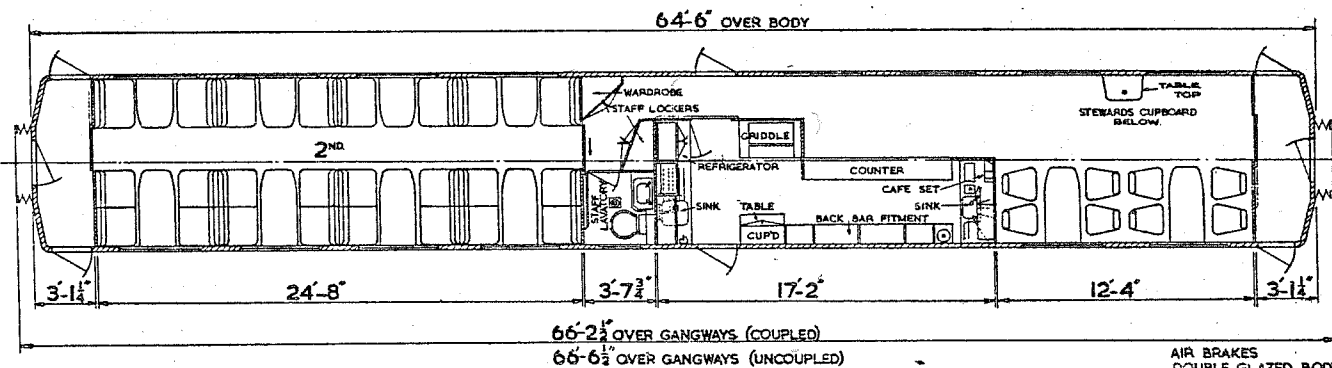
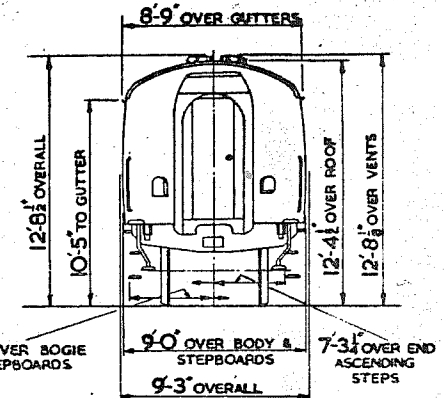
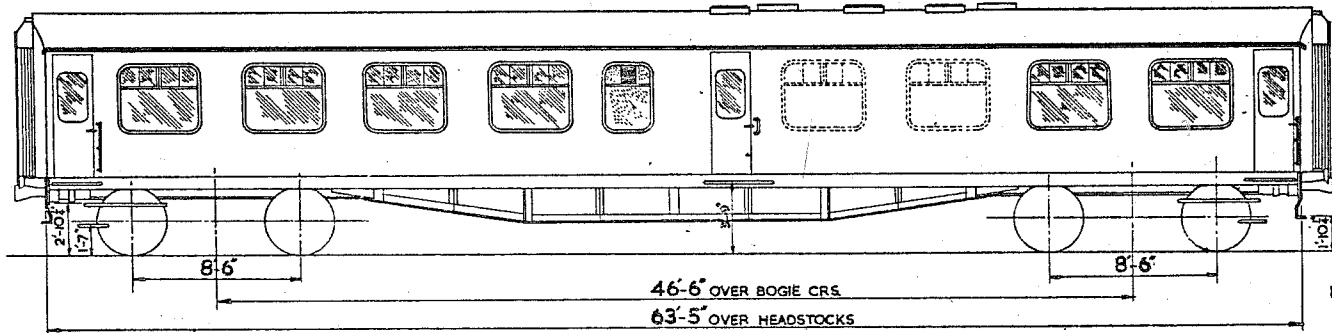
TARE				
QTY	LOT	TONS	CWTS.	BUILT AT
2	3013	35	0	EASTLEIGH 1957.

- 1 SALOON 17 SEATS.
- 1 BUFFET 4 SEATS.
- 1 KITCHEN 1 STAFF COMPT. 1 STAFF LAV.



GRIDDLE CAR.

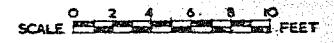
B.R. 426



QTY	LOT	TARE	TONS	CWTS	BUILT AT
8	30681	35	-	16	YORK 1962

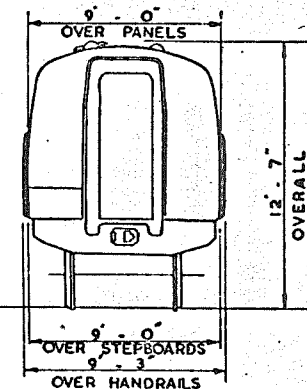
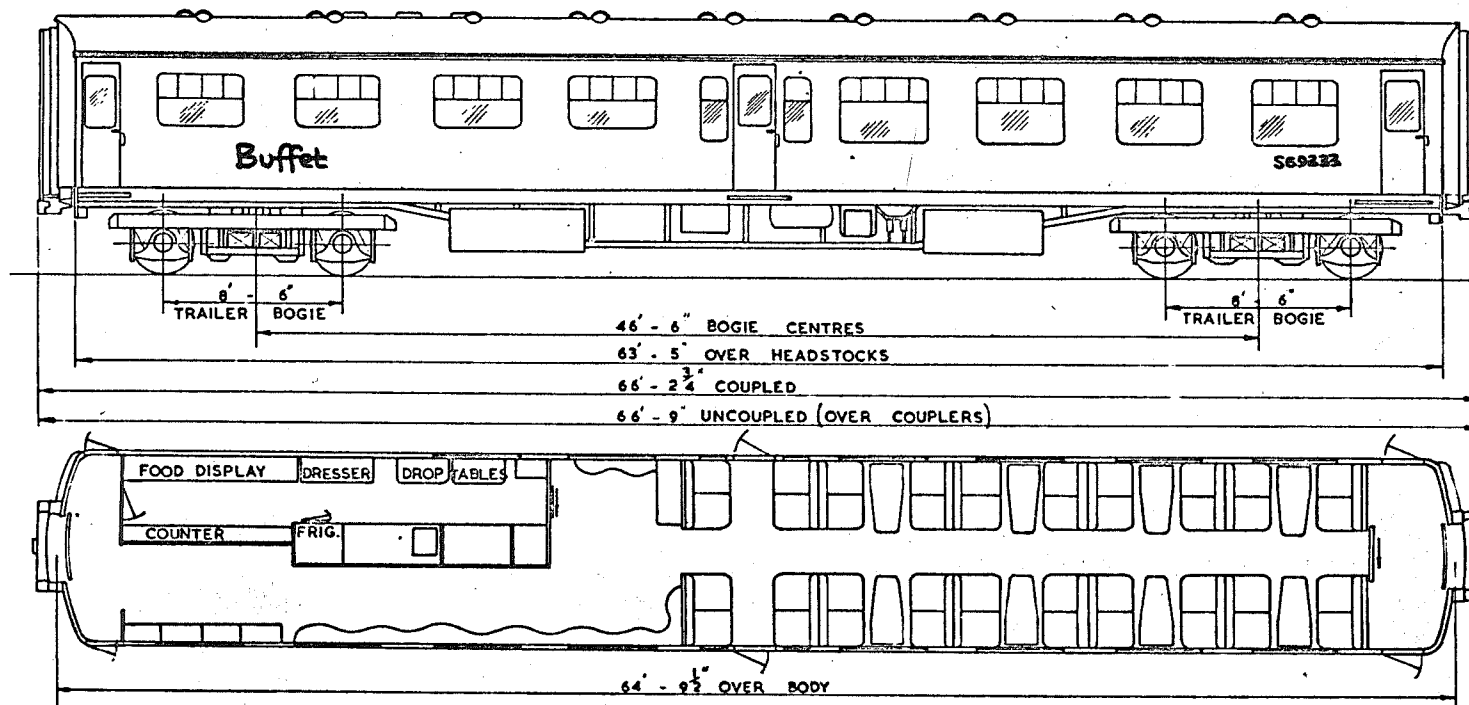
1 OPEN SECOND 24 SEATS. 1 BUFFET 8 SEATS. 1 KITCHEN. 1 STAFF LAVATORY.

AIR BRAKES
DOUBLE GLAZED BODYSIDE LIGHTS



BR.427

BUFFET (UNCLASSED)



ALL WINDOWS ARE
 DOUBLE GLAZED
 COMPRESSED AIR BRAKE

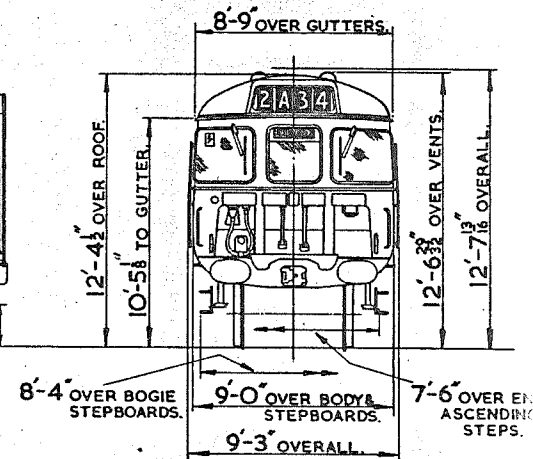
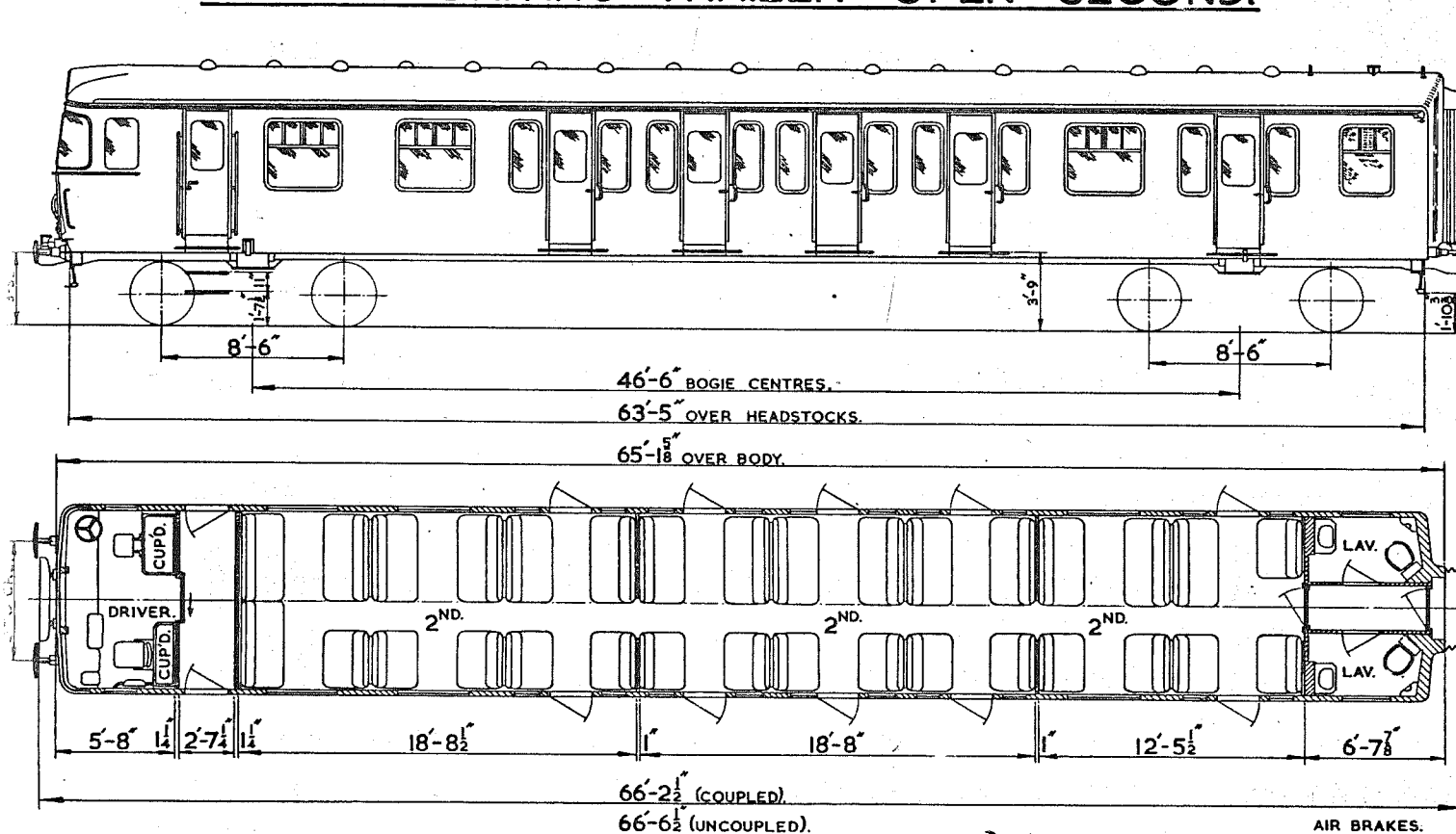
"4 BIG" Stock

1 SALOON 40 UNCLASSED SEATS



BATTERY DRIVING TRAILER OPEN SECOND.

B.R.428



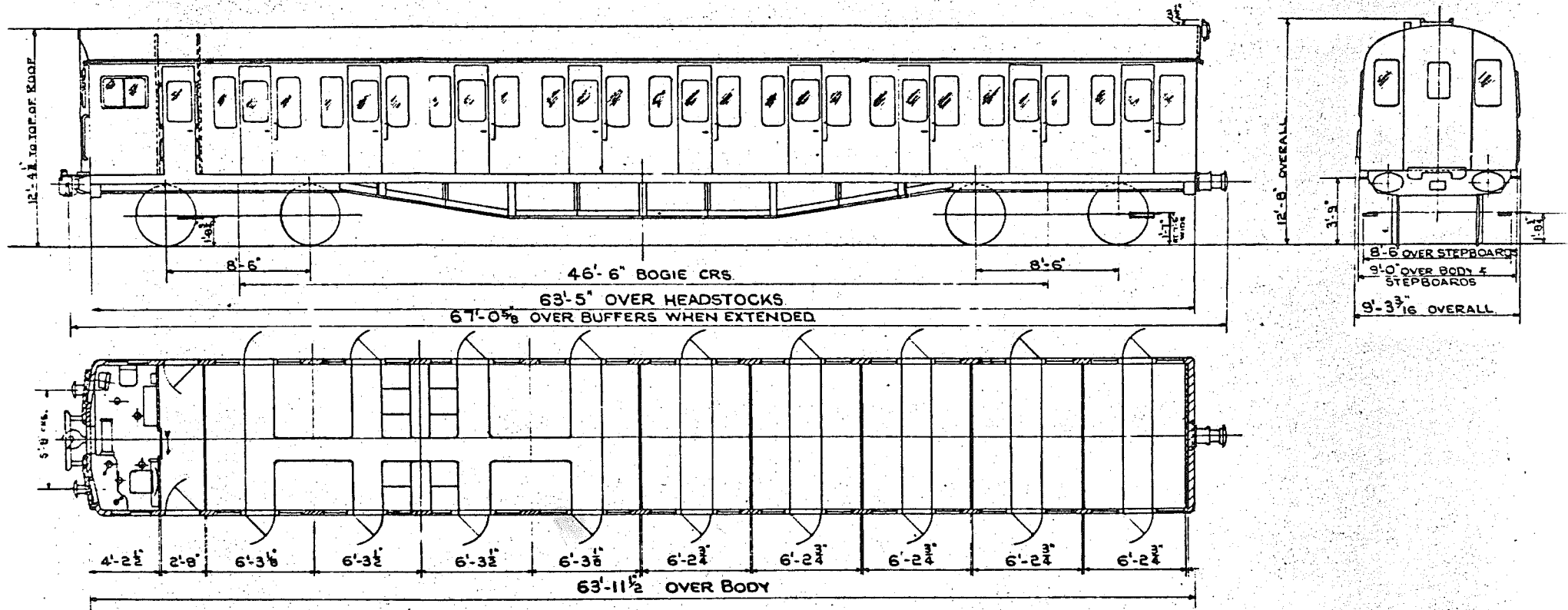
QTY.	LOT.	TARE.	BUILT AT
		TONS, CWTs.	
50	30745	36 15 1/4	DERBY.1964/6.

3 OPEN SECONDS 80 SEATS. 2 LAVATORIES & 1 DRIVING COMPT.



DRIVING TRAILER SECOND

B.R. 429

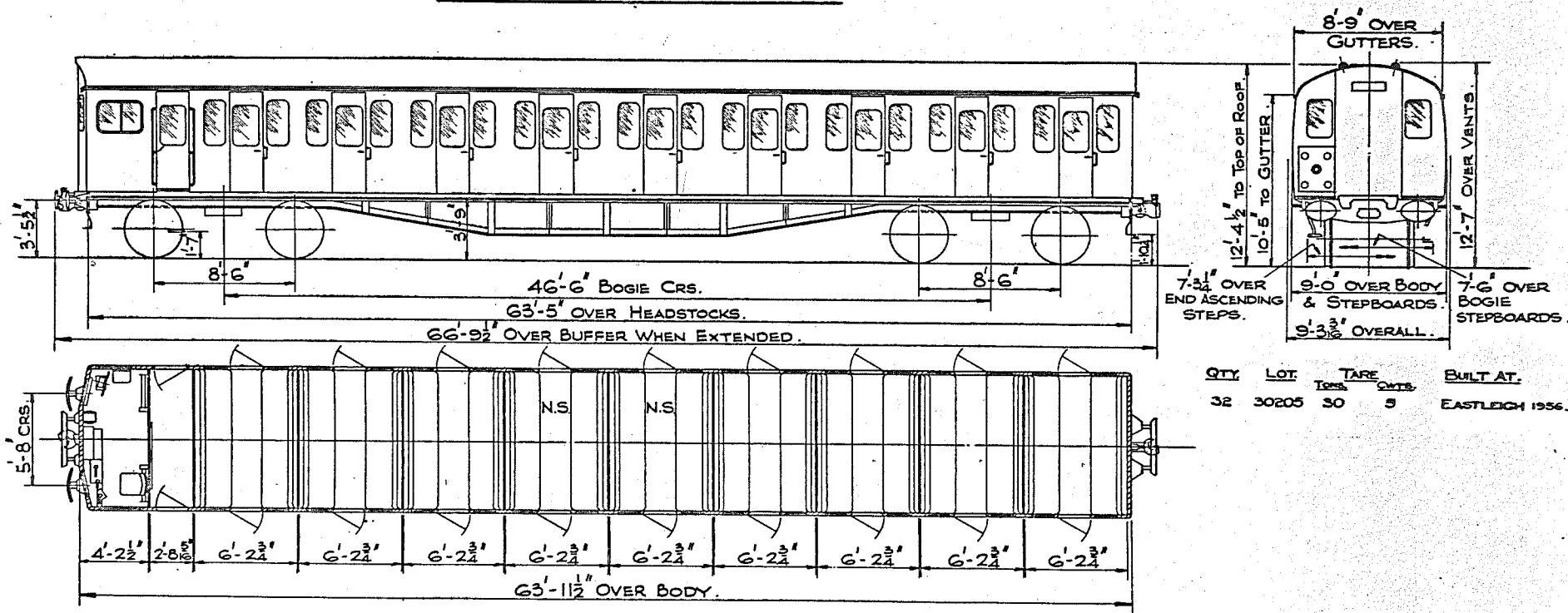


5 SECONDS 60 SEATS 1 SECOND 42 SEATS 1 DRIVING COMPT.



B.R.430

DRIVING TRAILER SECOND



QTY.	LOT.	TARE	BUILT AT.
		Tons	CWTs
32	30205	30	5
			EASTLEIGH 1956.

9 SECONDS. 108 SEATS. 1 DRIVING COMPT.

SCALE 0 2 4 6 8 10 FEET.

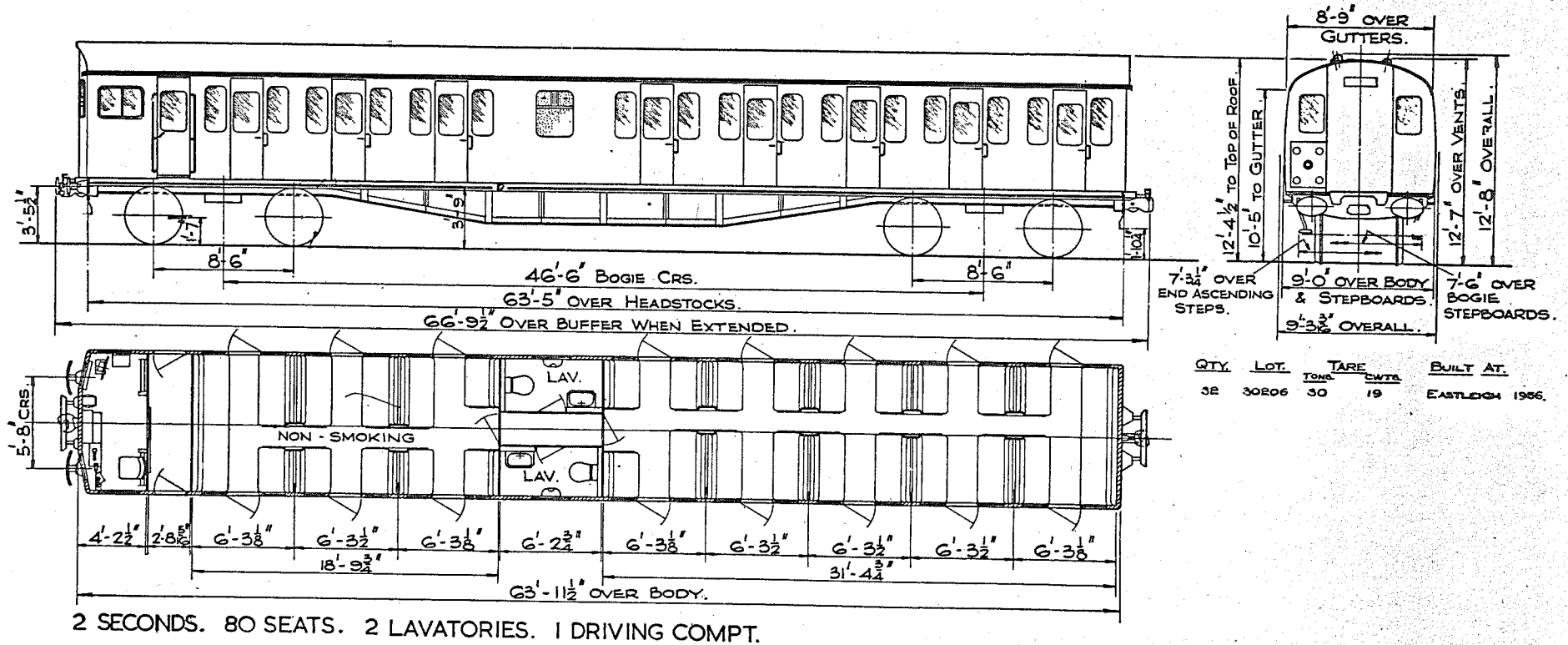
AIR BRAKE

Original © BRB Residuary Ltd

Original diagrams courtesy of Clive Mortimore. This PDF copy by J.D. Faulkner, 2010
(visit <http://www.barrowmoremrj.co.uk>)

DRIVING TRAILER OPEN SECOND

B.R.431



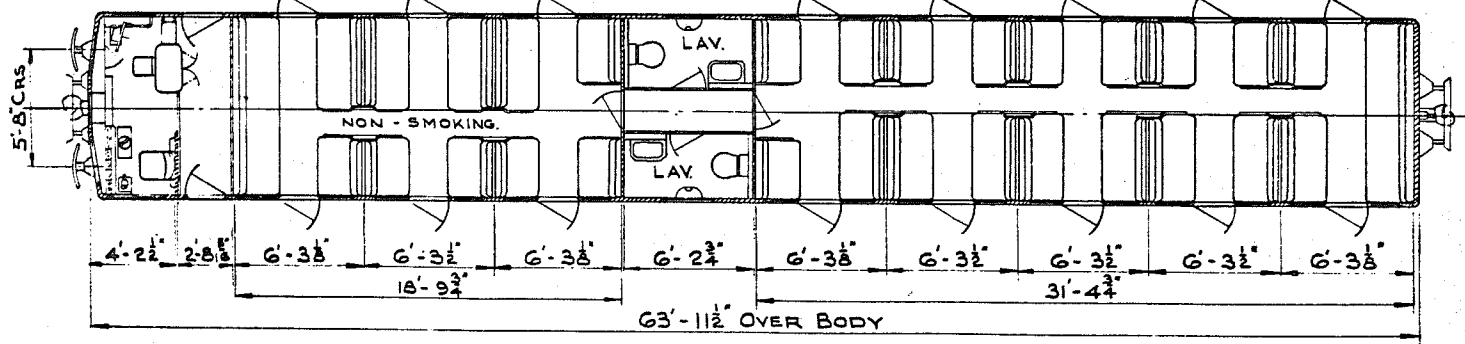
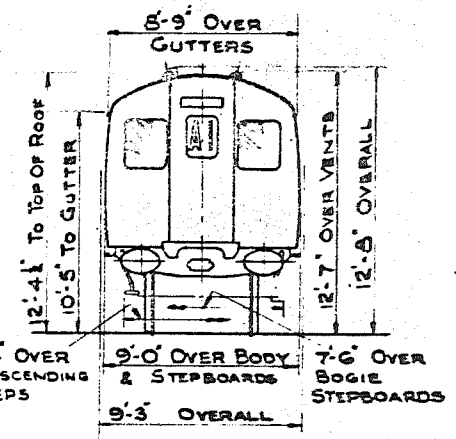
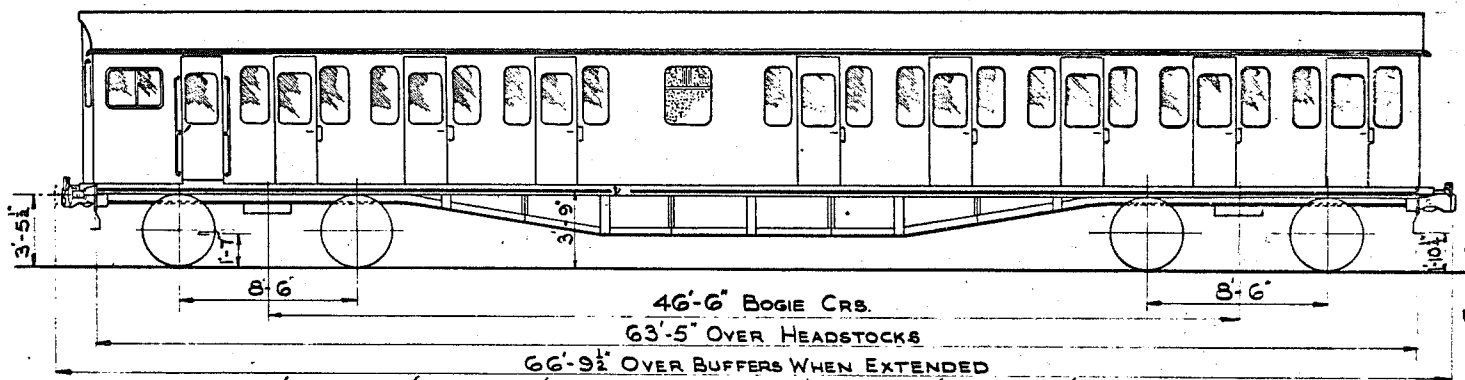
QTY.	LOT.	TARE	BUILT AT.
		TONS	
		SWTS	
32	30206	30	EASTLOUGH 1956.

SCALE 0 2 4 6 8 10 FEET.

2 SECONDS. 80 SEATS. 2 LAVATORIES. 1 DRIVING COMPT.

DRIVING TRAILER OPEN SECOND

BR. 432.



QTY	LOT	TARE		BUILT AT
		TONS	CWTS	
37	30436	35	15	DONCASTER 1958
75	30440	35	15	DONCASTER 1958

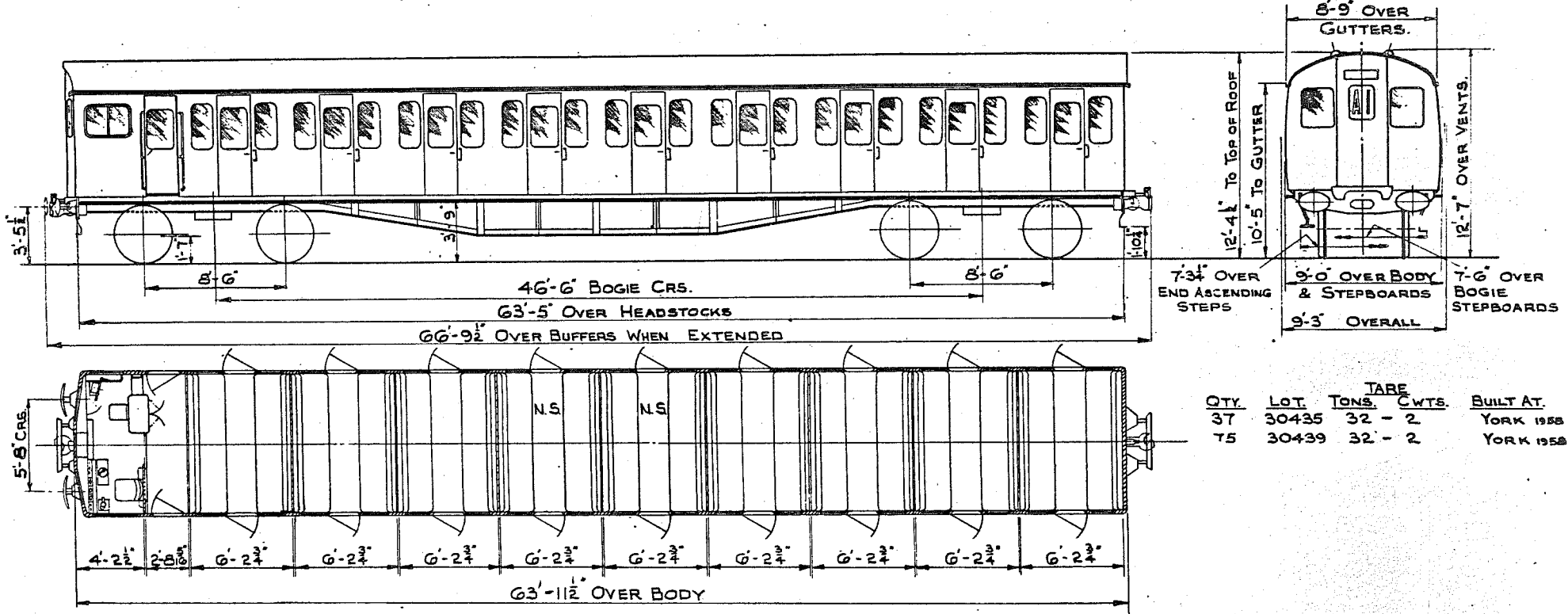
2 SECONDS. 80 SEATS. 2 LAVATORIES. 1 DRIVING COMPT.

"AIR BRAKES"



DRIVING TRAILER SECOND

BR.433.



QTY.	LOT.	TARE TONS.	CWTS.	BUILT AT.
37	30435	32	- 2	YORK 1958
75	30439	32	- 2	YORK 1958

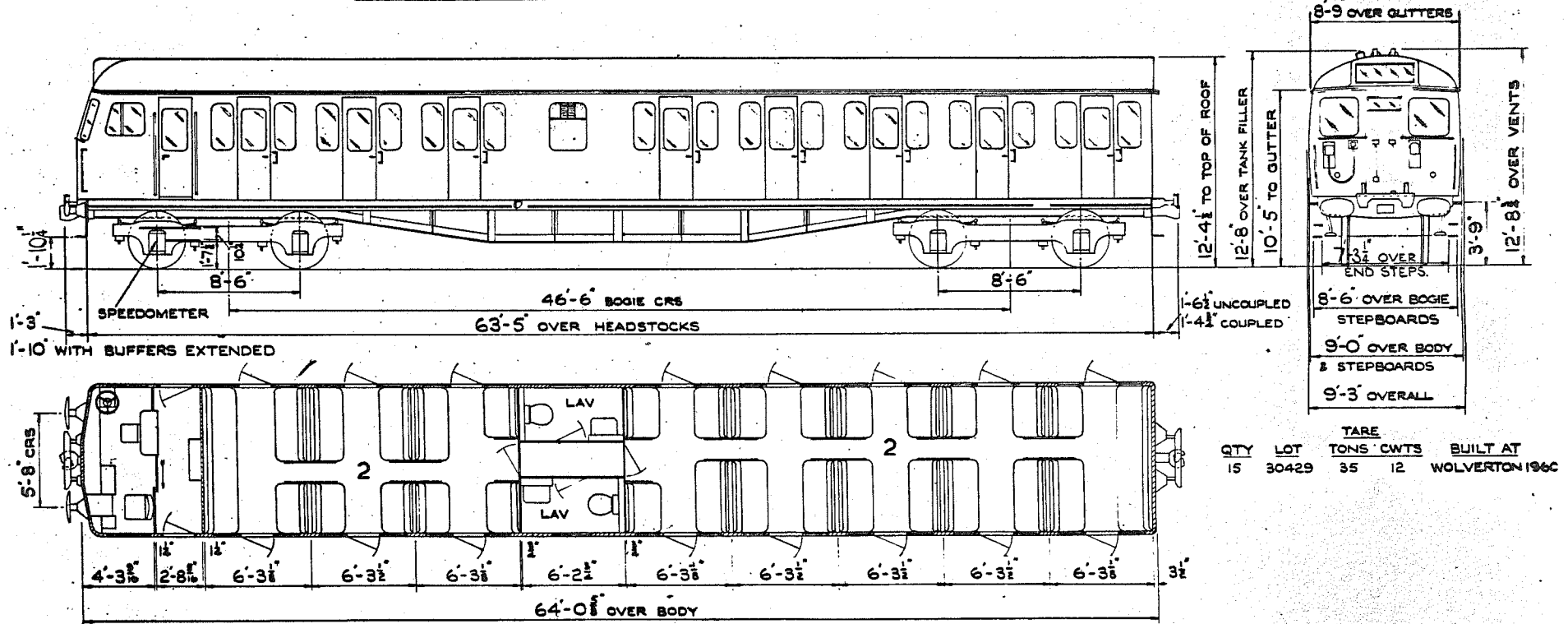
9 SECONDS 108 SEATS | DRIVING COMPT.

"AIR BRAKES"

SCALE 0 2 4 6 8 10 FEET.

DRIVING TRAILER OPEN SECOND.

BR. 434



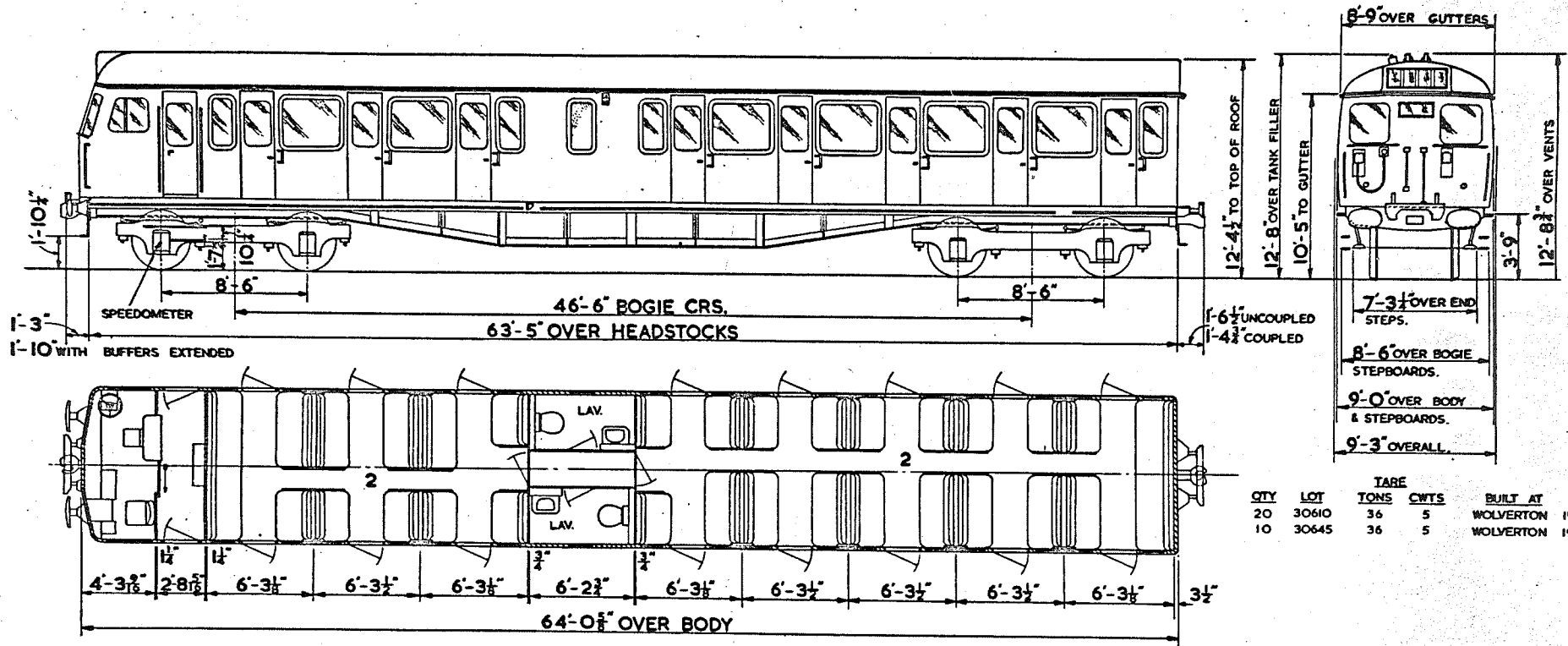
2 SECONDS 80 SEATS. 2 LAVATORIES. 1 DRIVING COMPT.

		TARE		BUILT AT
QTY	LOT	TONS	CWTS	
15	30429	35	12	WOLVERTON 196C



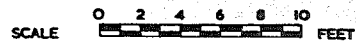
DRIVING TRAILER OPEN SECOND

B.R. 435

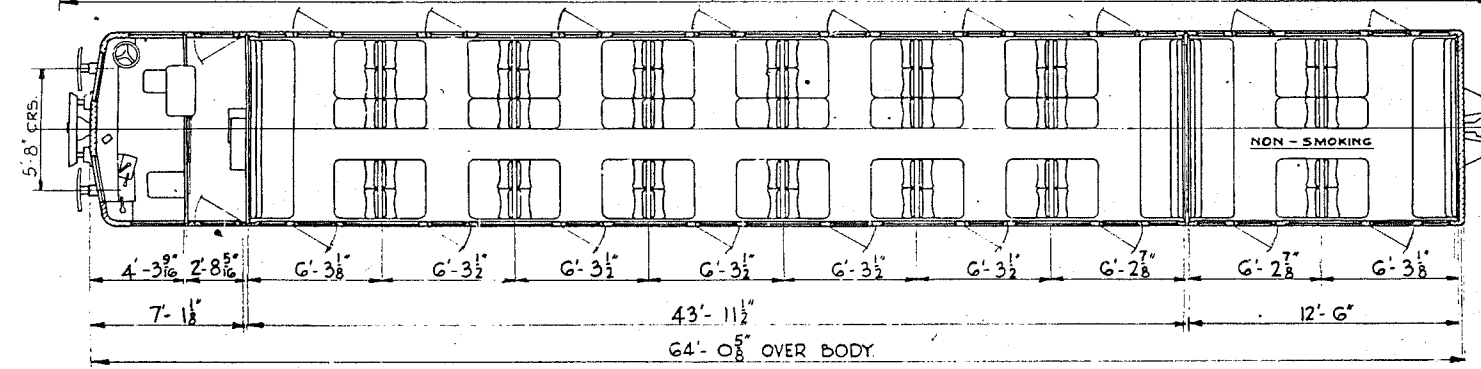
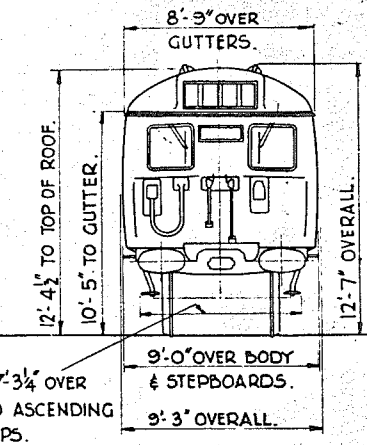
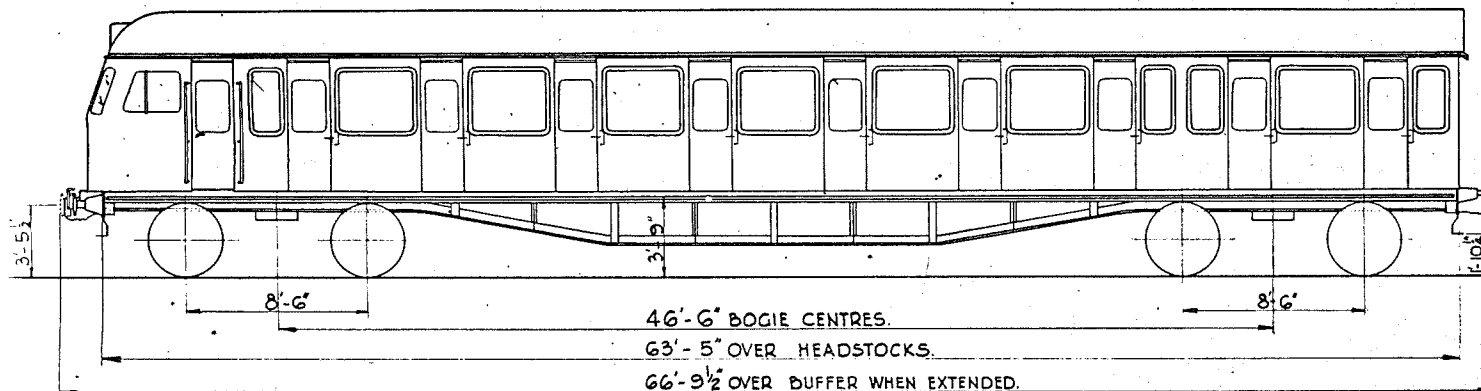


QTY	LOT	TARE		BUILT AT
		TONS	CWTS	
20	30610	36	5	WOLVERTON 1960
10	30645	36	5	WOLVERTON 1961

2 SECONDS 80 SEATS, 2 LAVATORIES, 1 DRIVING COMPT. AIR BRAKES



DRIVING TRAILER OPEN SECOND.



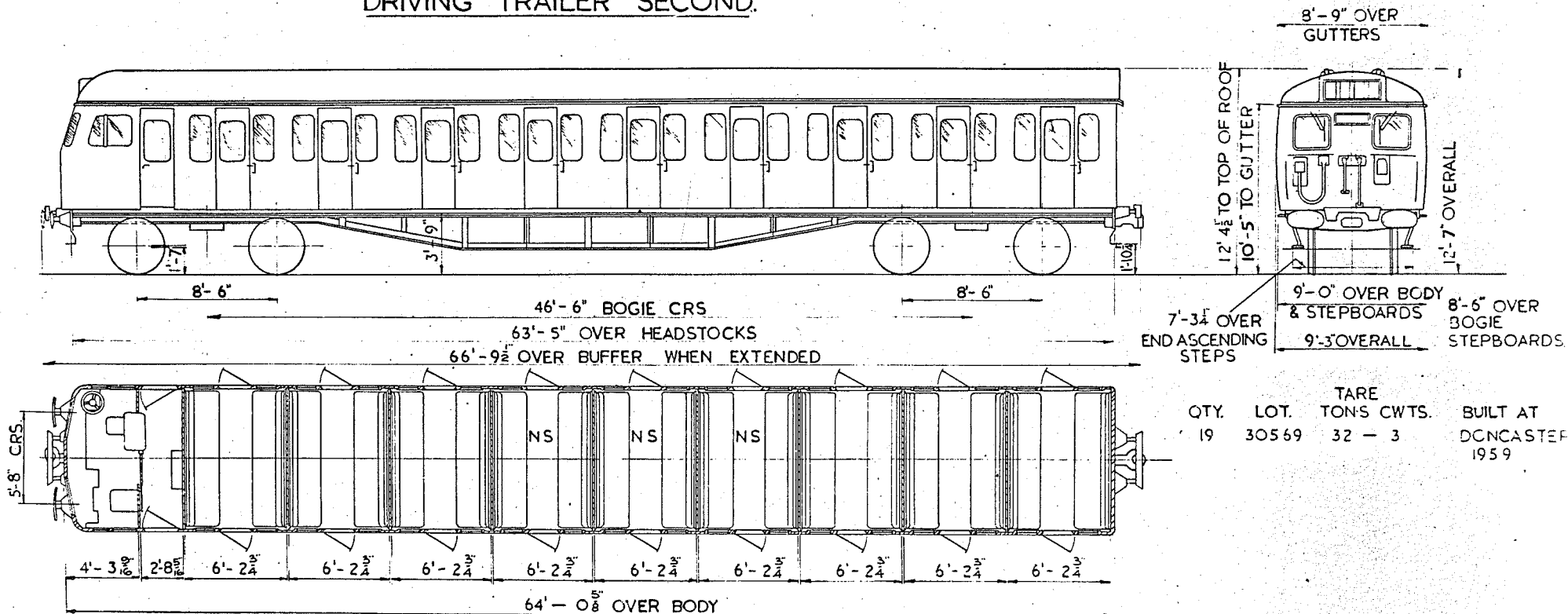
	QTY.	LOT	TARE TONS	CWTS.	BUILT AT
<u>BATTERY</u>	52	30570	34	- 6	YORK 1959
<u>NON-BATTERY</u>	52	30572	31	- 0	YORK 1959

2 OPEN SECONDS 94 SEATS 1 DRIVING COMPT.

AIR BRAKES
FLUORESCENT LIGHTING IN SALOONS



DRIVING TRAILER SECOND.



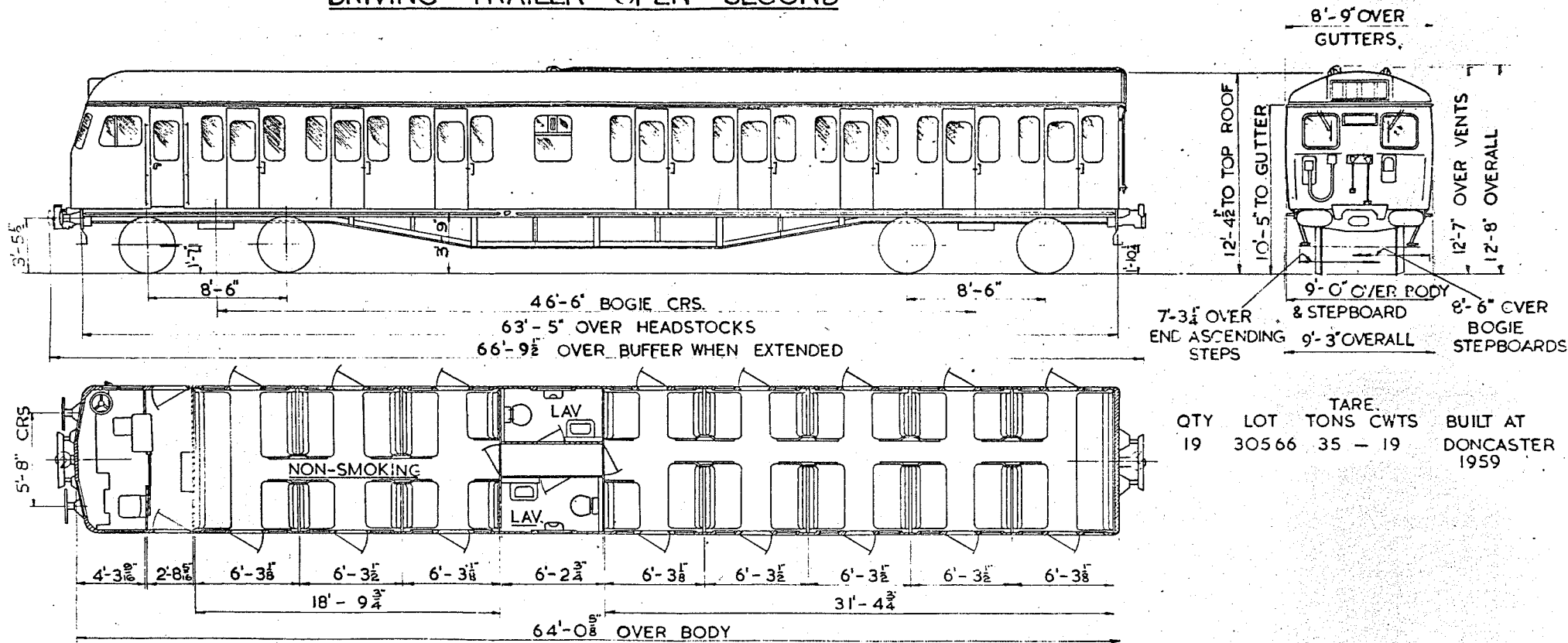
9 SECONDS 108 SEATS DRIVING COMPT.

AIR BRAKES



BR. 438

DRIVING TRAILER OPEN SECOND



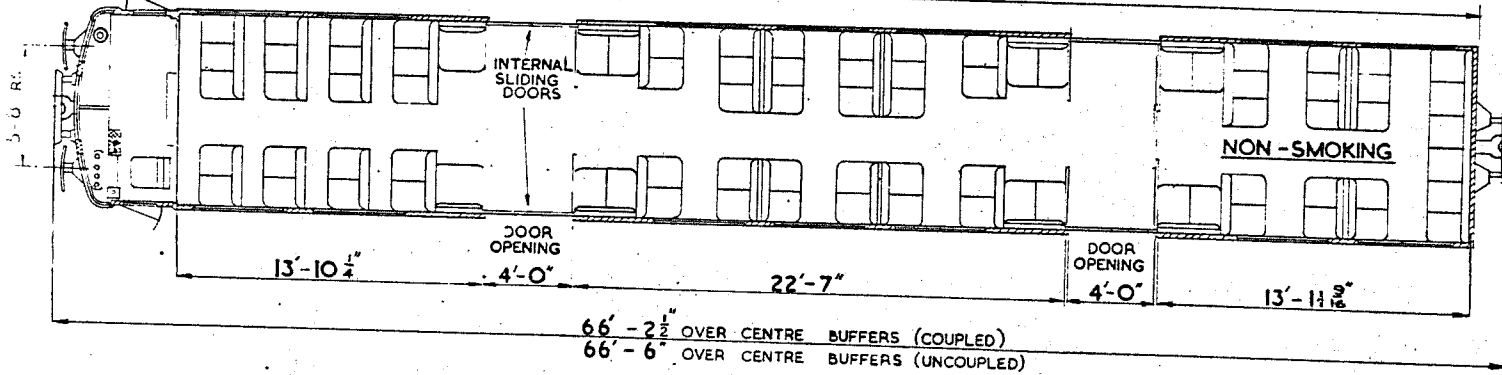
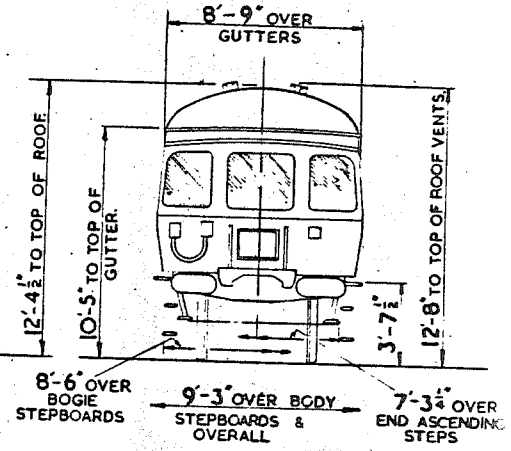
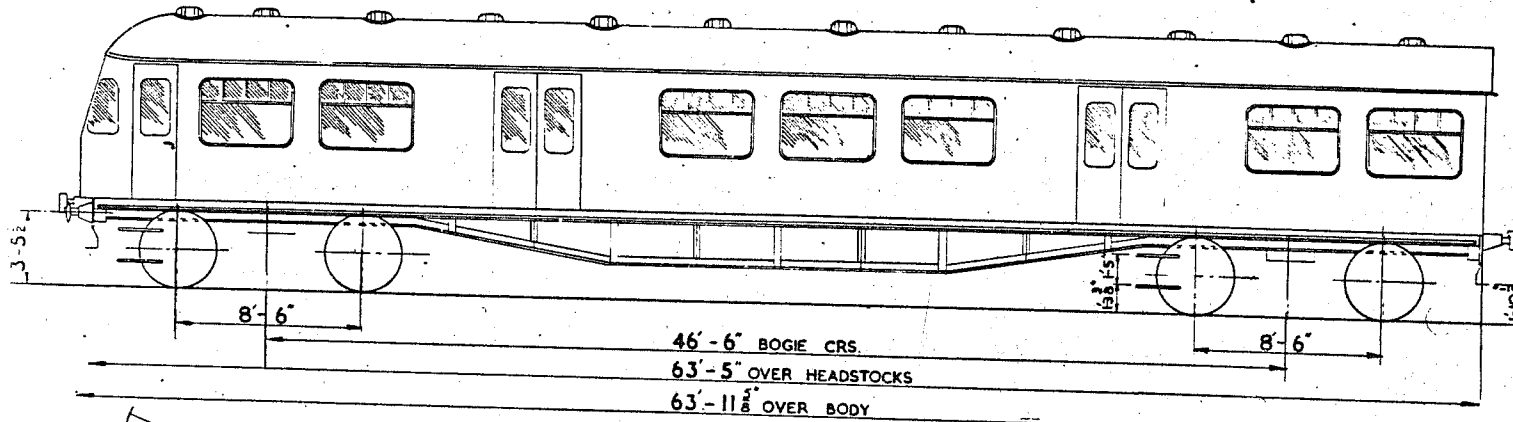
QTY	LOT	TARE TONS	CWTS	BUILT AT
19	30566	35	- 19	DONCASTER 1959

2 SECONDS 80 SEATS. 2 LAVATORIES. 1 DRIVING COMPT. AIR BR/ES.



DRIVING TRAILER OPEN SECOND.

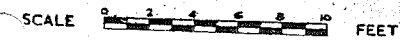
B.R. 439.



	QTY.	LOT.	TARE		BUILT AT
			TONS.	CWTS.	
NON BATTERY	35	30579	33	17	} PRESSED STEEL C ^o 1961
NON BATTERY	56	30629	33	17	
BATTERY	35	30581	37	9	} PRESSED STEEL C ^o 1961
BATTERY	56	30631	37	9	

3 OPEN SECONDS 83 SEATS 1 DRIVING COMPT.

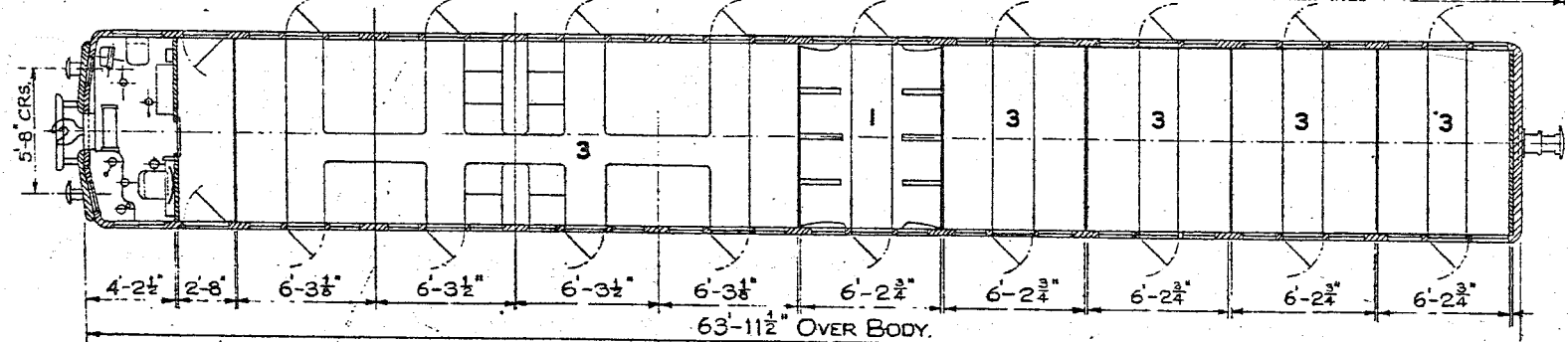
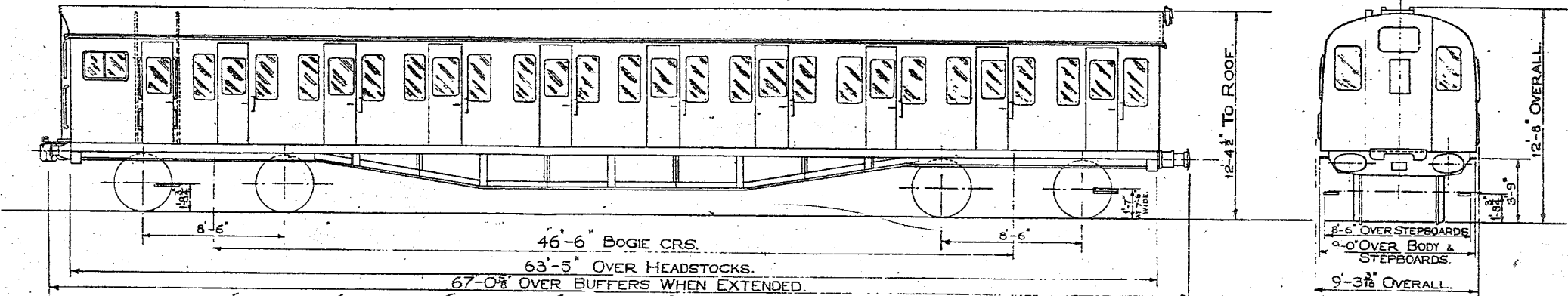
AIR BRAKES.



DRIVING TRAILER COMPOSITE.

*South Tyneside
Electric Street*

B.R. 440.

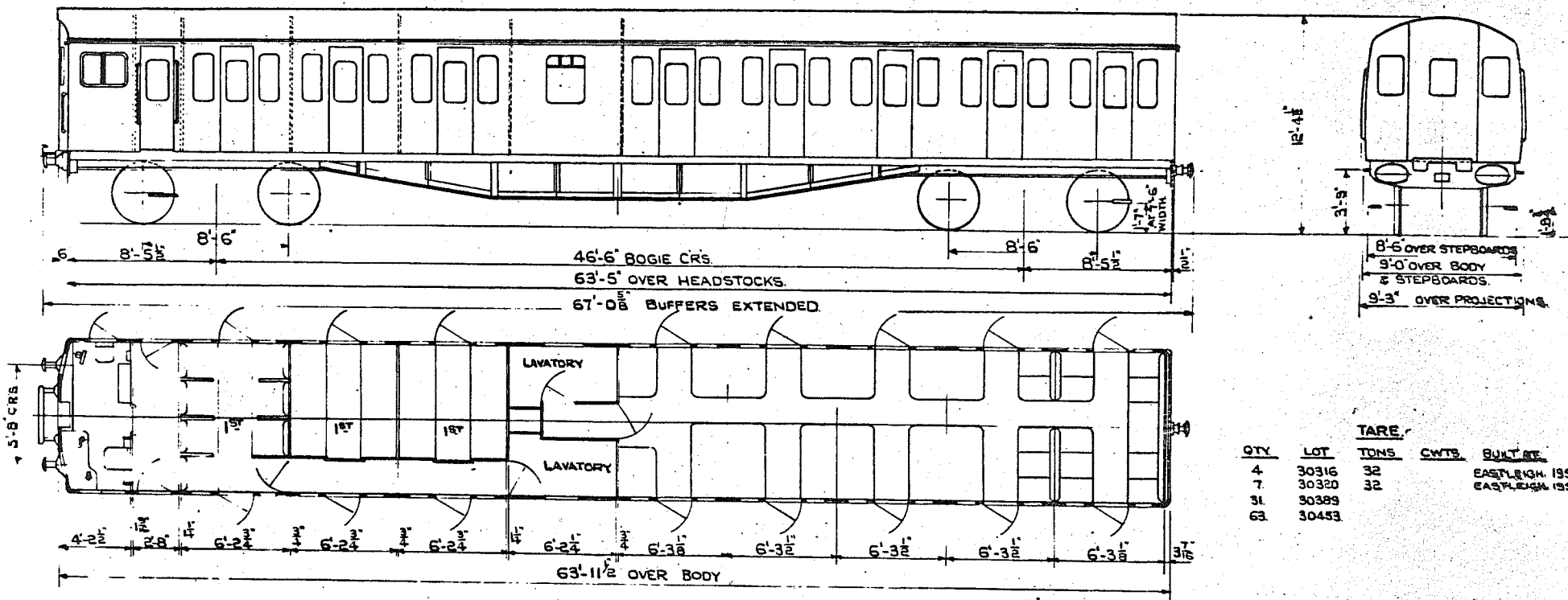


1 DRIVING COMPT. 4 THIRDS 48 SEATS
 1 THIRD 42 SEATS 1 FIRST 8 SEATS

QTY.	LOT.	TARE TONS. CWTs.	BUILT AT.
15	30117	30-0	EASTLEIGH 1955

AIR BRAKE

DRIVING TRAILER COMPOSITE



QTY	LOT	TARE		BUILT AT
		TONS	CWTS	
4	30316	32		EAST LING. 1957
7	30320	32		EAST LING. 1958
31	30389			
63	30453			

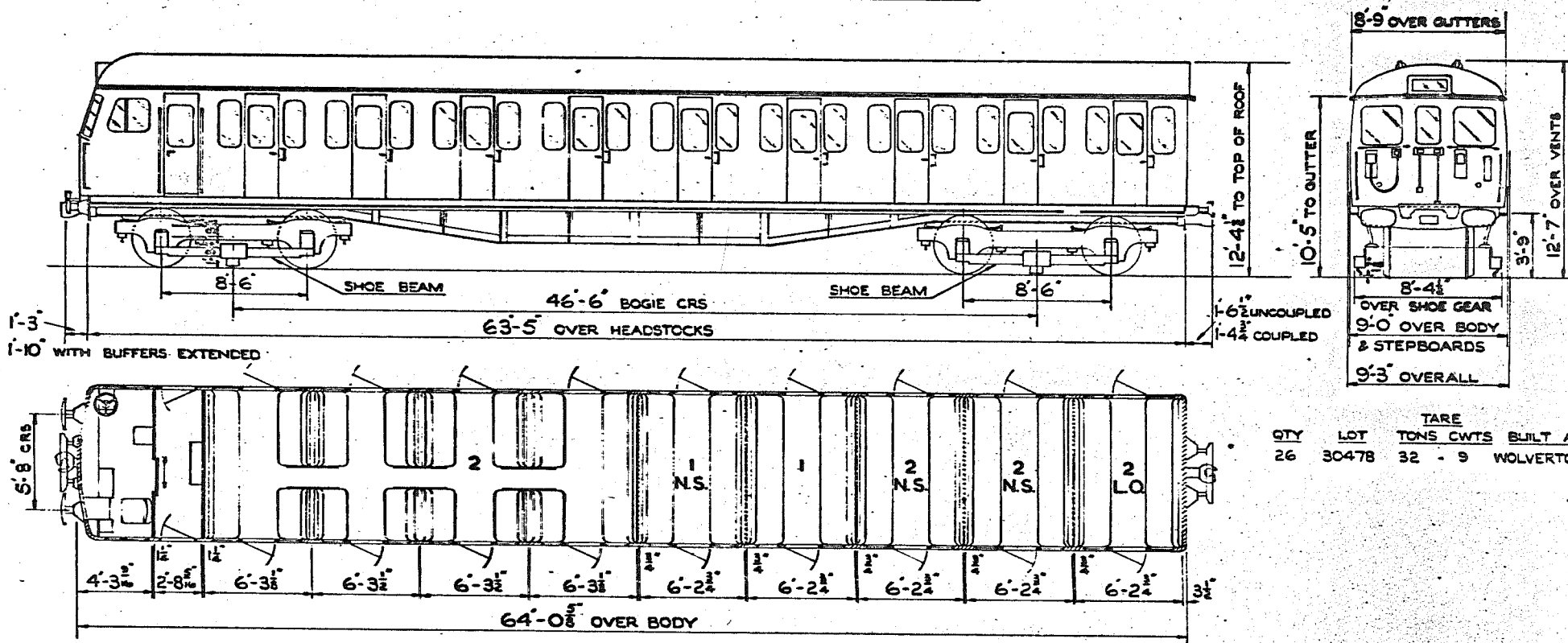
1 DRIVING COMPT. 3 FIRSTS 19 SEATS. 1 OPEN SECOND 50 SEATS.



AIR BRAKE

DRIVING TRAILER SEMI-OPEN COMPOSITE.

BR. 443.



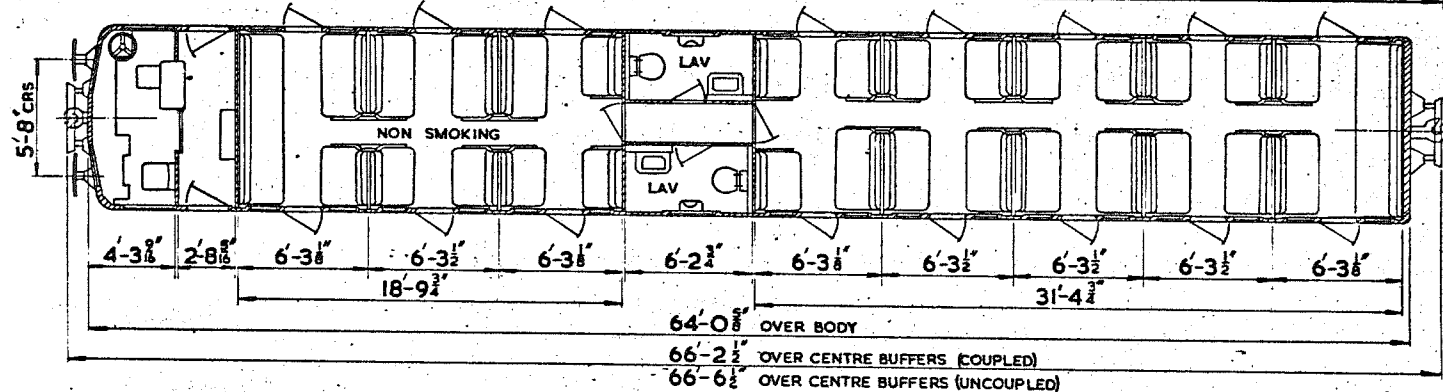
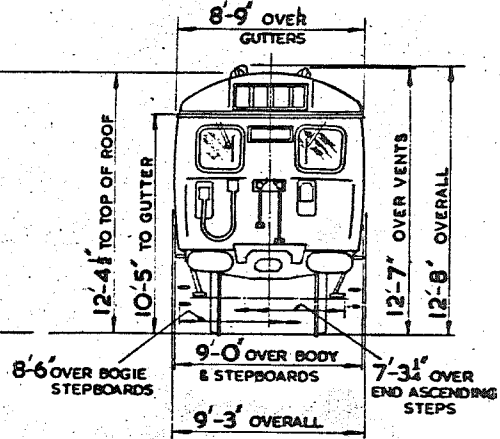
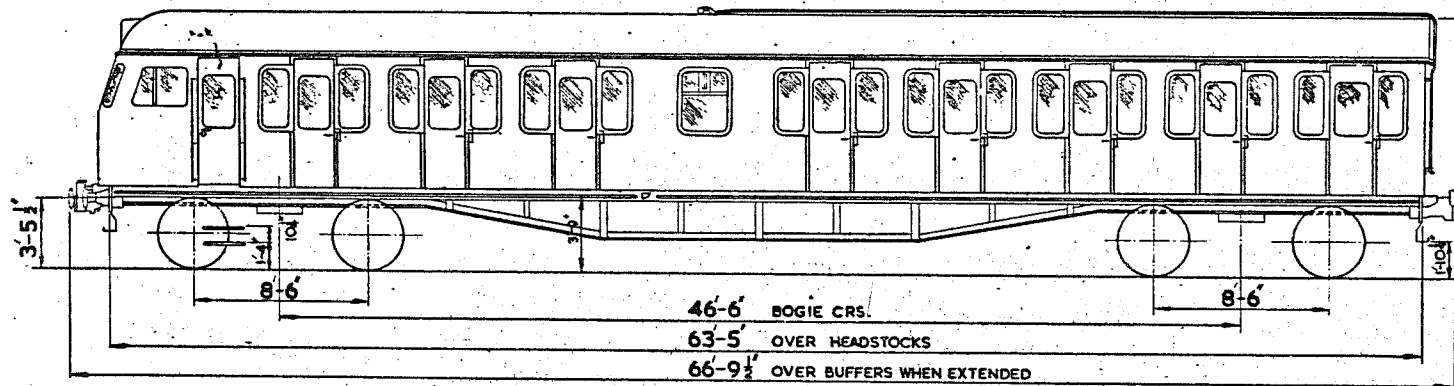
QTY	LOT	TARE TONS	CWTS	BUILT AT
26	30478	32	9	WOLVERTON 1959

2 FIRSTS 16 SEATS. 1 DRIVING COMPT. N.S. NON SMOKING. AIR BRAKES.
 1 SECOND 42 SEATS. LO. LADIES ONLY.
 3 SECONDS 36 SEATS.



DRIVING TRAILER OPEN SECOND

B.R. 444.



QTY LOT		TARE TONS CWTs		BUILT AT
9	30652	35	15	YORK 1961
33	30656	35	15	YORK 1964

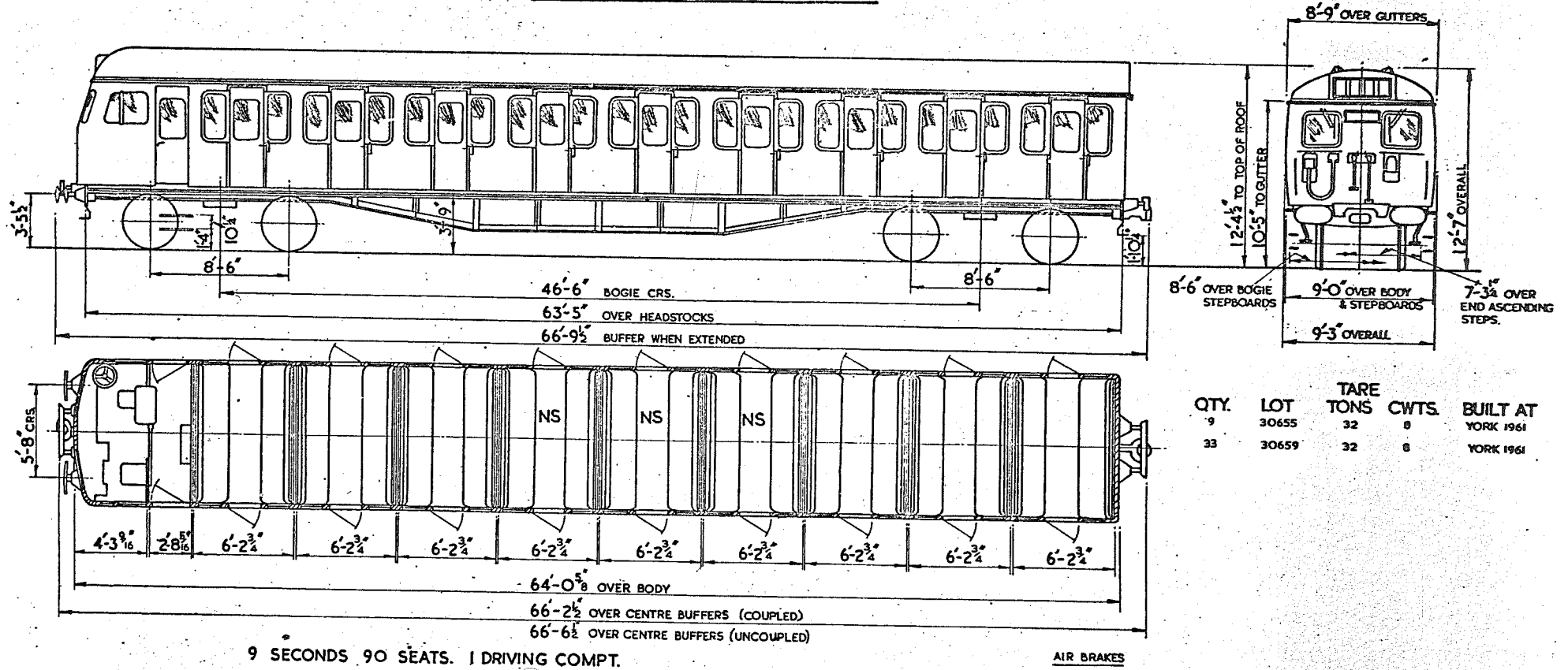
2 SECONDS 80 SEATS. 2 LAVATORIES. 1 DRIVING COMPT.

AIR BRAKES.



DRIVING TRAILER SECOND.

B.R. 445.



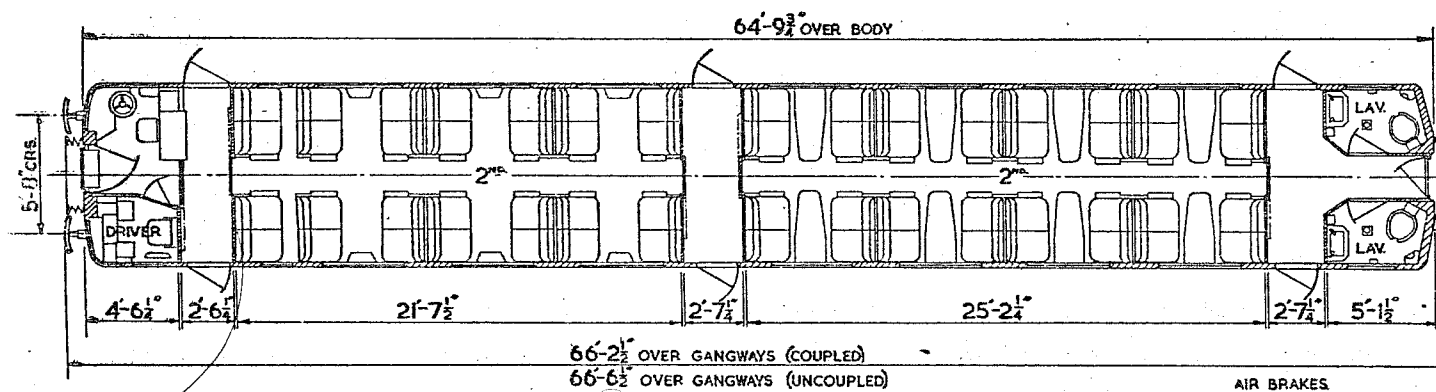
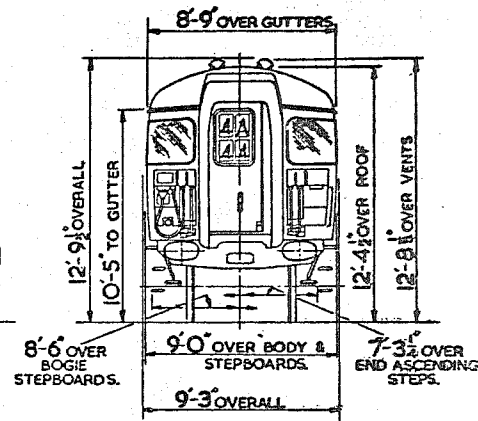
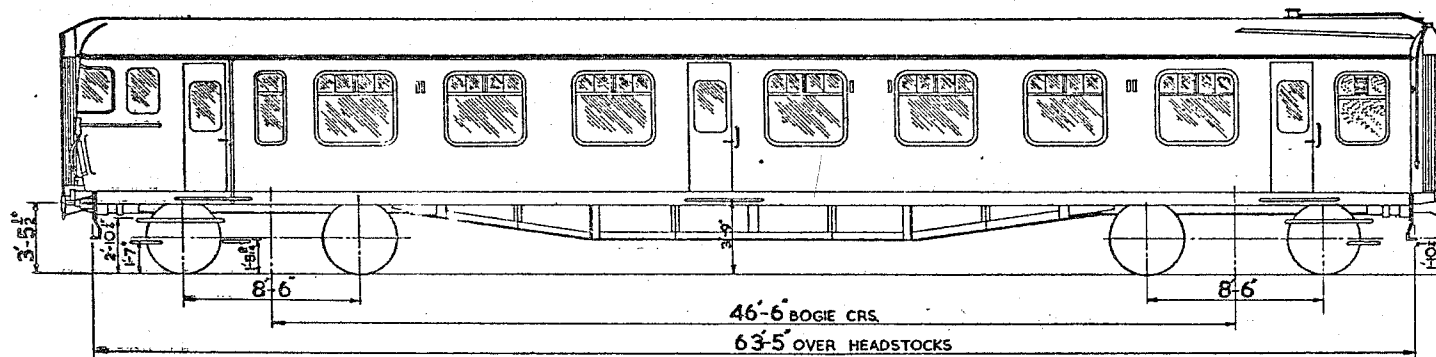
QTY.	LOT	TARE		BUILT AT
		TONS	CWTS.	
9	30655	32	8	YORK 1961
33	30659	32	8	YORK 1961

9 SECONDS 90 SEATS. 1 DRIVING COMPT.



GANGWAYED DRIVING TRAILER OPEN SECOND.

B.R. 446



	QTY	LOT	TARE TONS	NET WT. TONS	BUILT AT
BATTERY	8	30683	39	11	YORK 1962

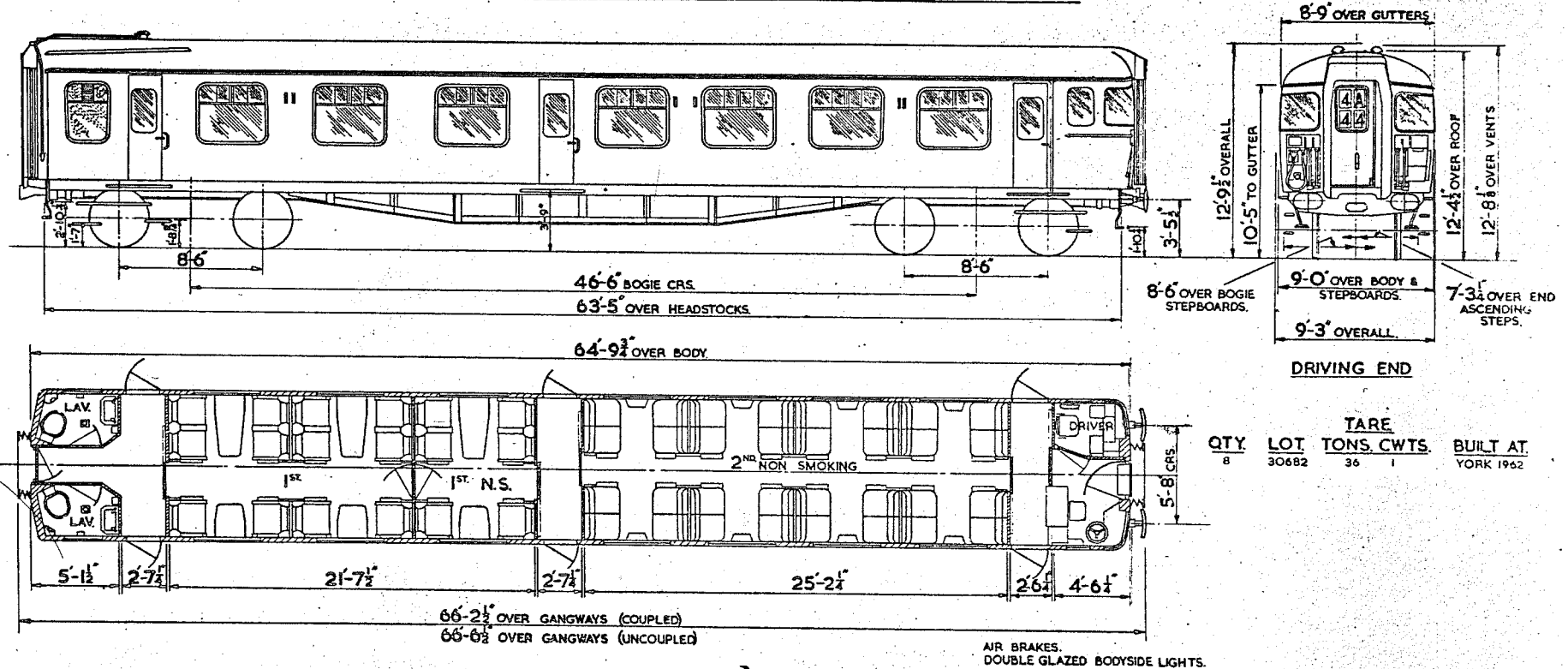
2 OPEN SECONDS 60 SEATS, 2 LAVATORIES & 1 DRIVING COMPT.

AIR BRAKES
DOUBLE GLAZED BODYSIDE LIGHTS.



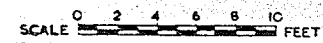
GANGWAYED DRIVING TRAILER OPEN COMPOSITE.

B.R. 447



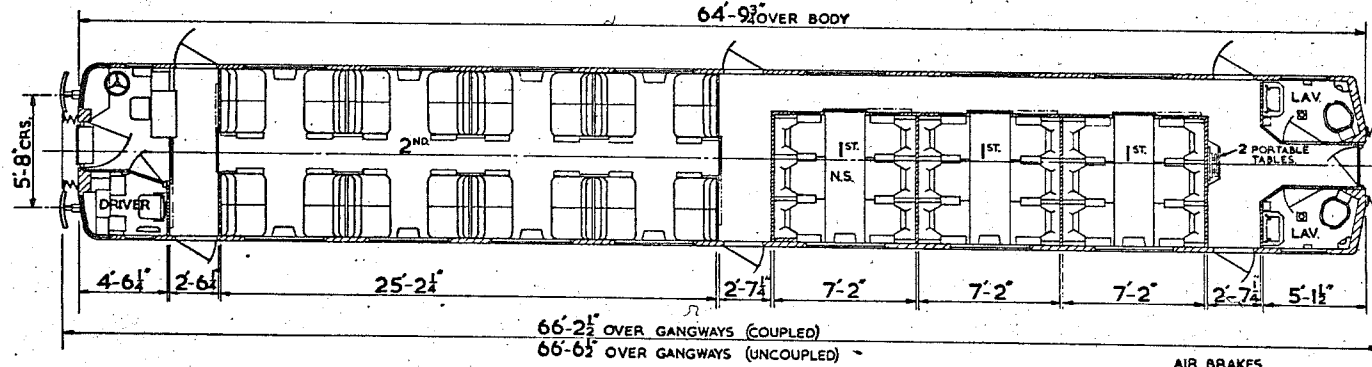
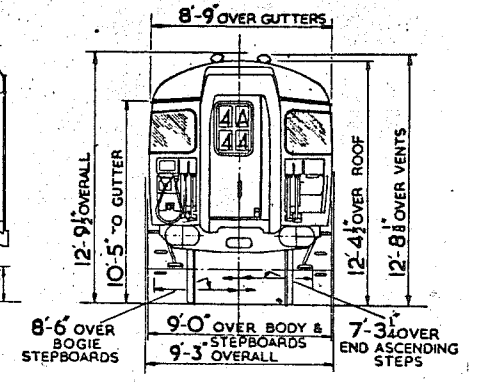
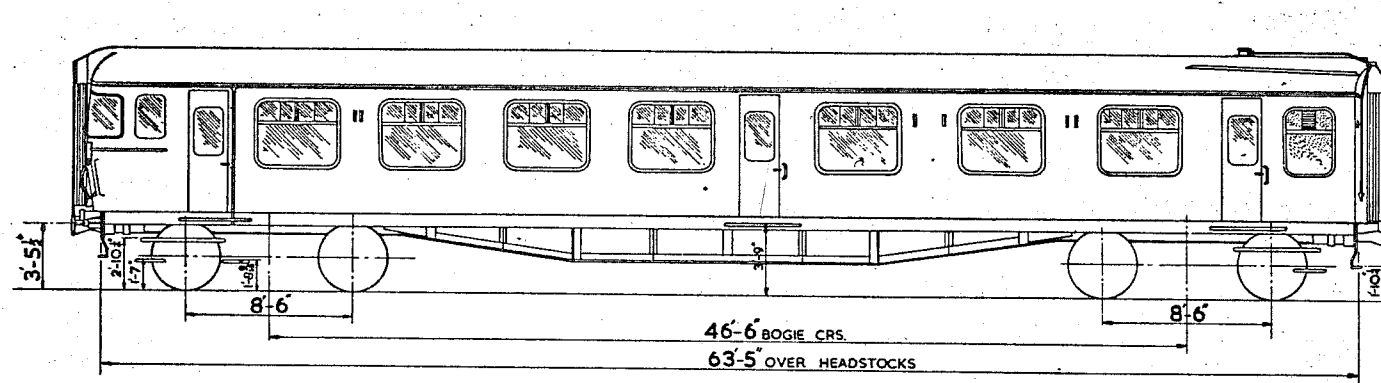
1 OPEN SECOND 32 SEATS. 2 OPEN FIRSTS 18 SEATS. 2 LAVATORIES & 1 DRIVING COMP.

		TARE		BUILT AT	
QTY.	LOT	TONS.	CWTS.	YORK 1962	
8	30682	36	1		



GANGWAYED DRIVING TRAILER SEMI-OPEN COMPOSITE.

B.R. 448



	TARE				
	QTY	LOT	TONS	CWTS	BUILT AT
NON-BATTERY	7	30678	36	15	YORK 1962
BATTERY	7	30675	39	7	YORK 1962
BATTERY	8	30679	39	7	YORK 1962

AIR BRAKES.
DOUBLE GLAZED BODYSIDE LIGHTS.

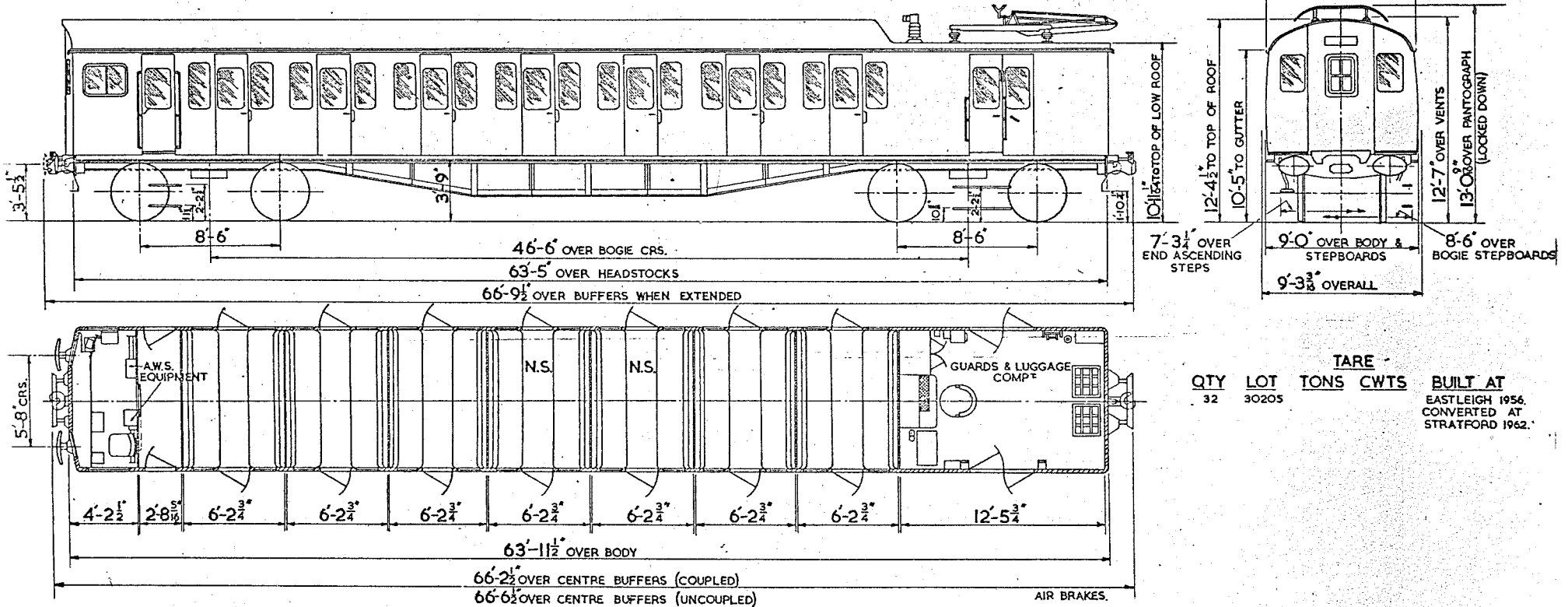
1 OPEN SECOND 32 SEATS. 3 FIRSTS 18 SEATS. 2 LAVATORIES & 1 DRIVING COMPT.



DRIVING TRAILER SECOND BRAKE

CONVERTED FROM DRIVING TRAILER SECOND DIAGRAM B.R. 430.

B.R. 449



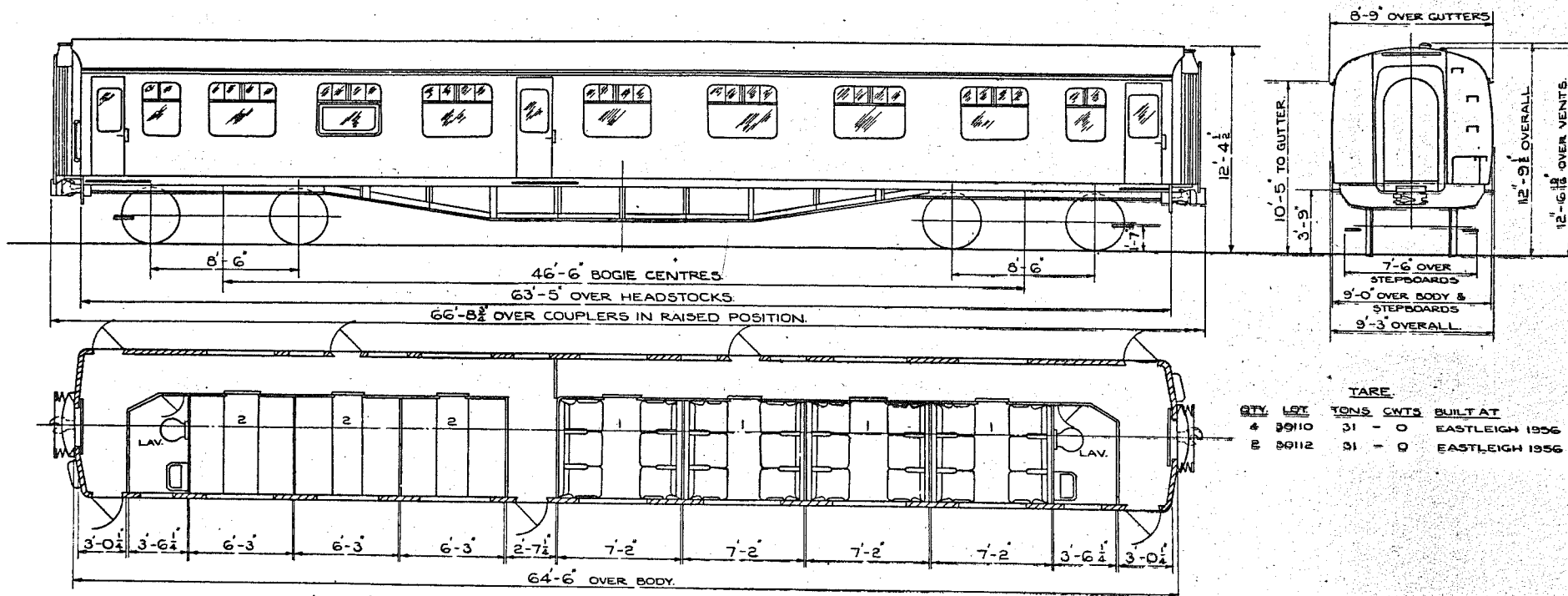
7'-3 1/4" OVER END ASCENDING STEPS

QTY	LOT	TARE TONS	CWTS	BUILT AT
32	30205			EASTLEIGH 1956. CONVERTED AT STRATFORD 1962.

7 SECONDS 84 SEATS. | DRIVING COMPT | GUARDS & LUGGAGE COMPT



TRAILER CORRIDOR COMPOSITE



TARE

QTY	LOT	TONS	CWTS	BUILT AT
4	8910	31	0	EASTLEIGH 1956
8	8912	31	0	EASTLEIGH 1956

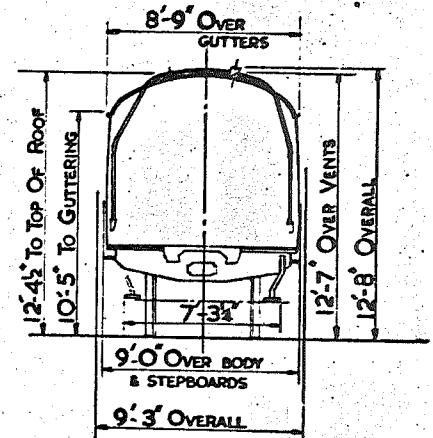
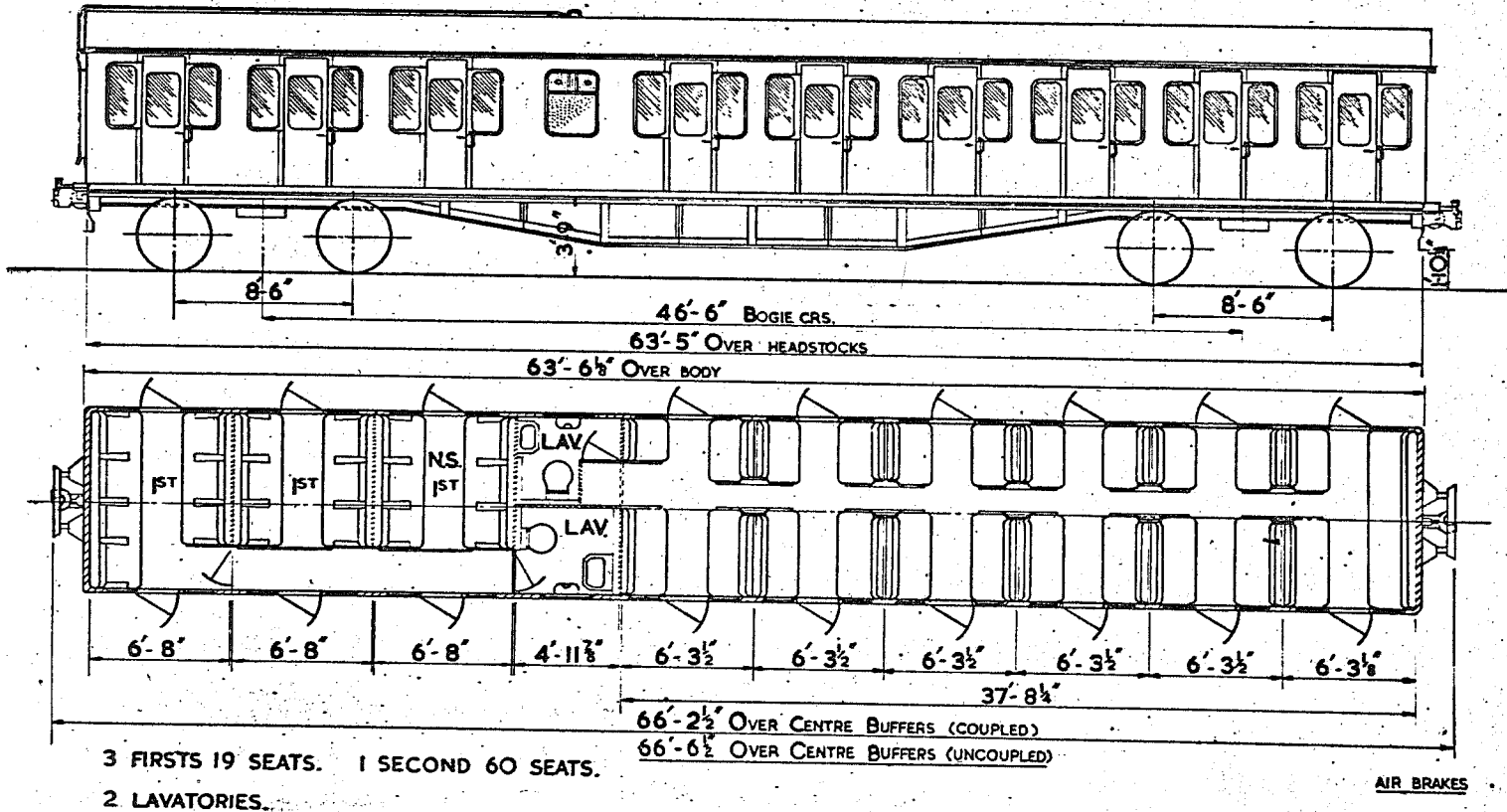
3 SECONDS 24 SEATS. 4 FIRTS 24 SEATS.



AIR BRAKE

TRAILER COMPOSITE

B.R. 451

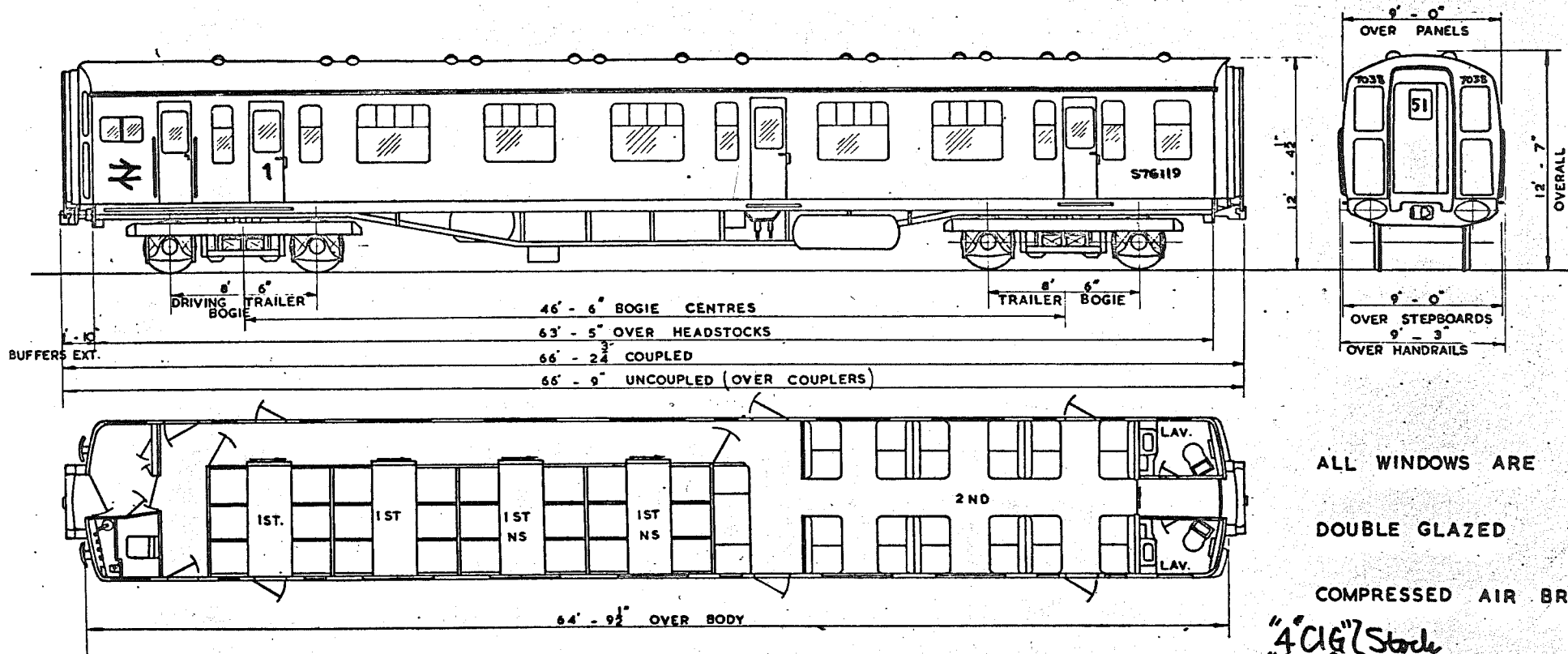


QTY.	LOT.	TARE TONS	CWTS.	BUILT AT
9	30654	30	18	YORK 1961
33	30658	30	18	YORK 1961

SCALE 0 2 4 6 8 10 FEET

B.R. 452.

DRIVING TRAILER COMPOSITE



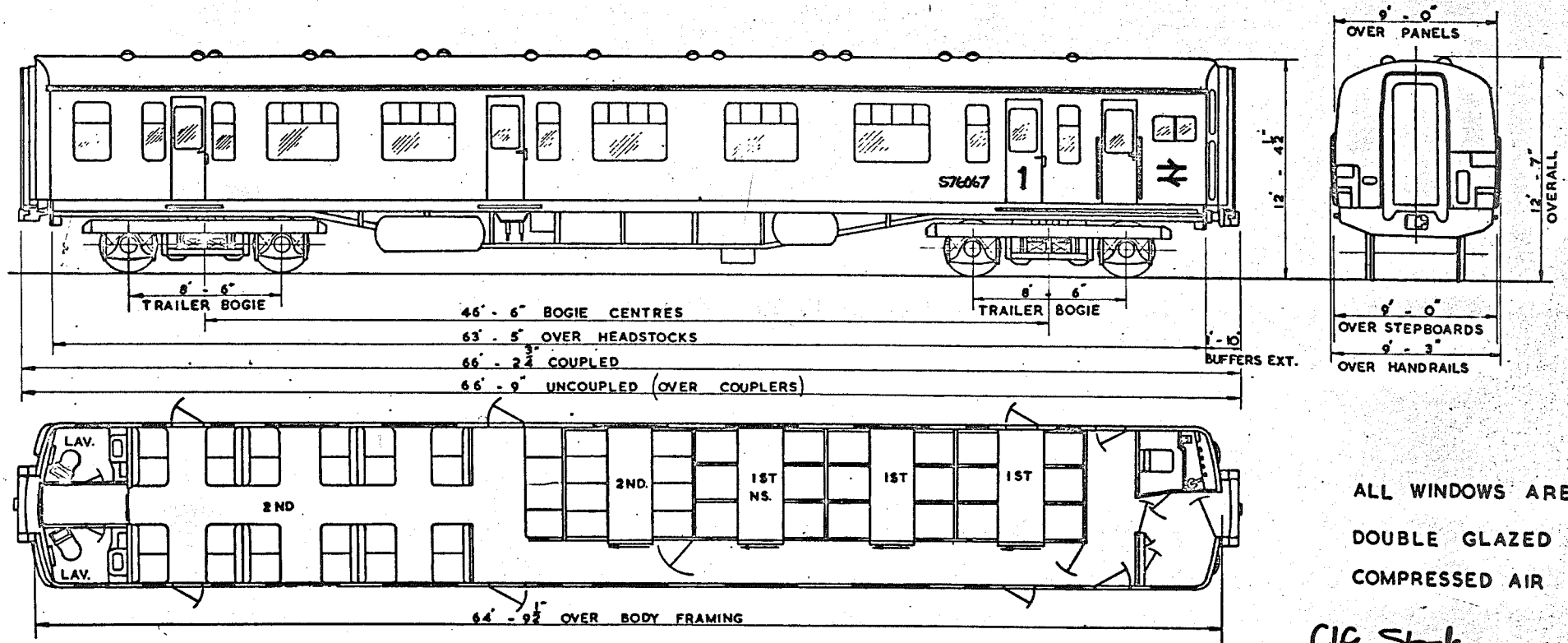
ALL WINDOWS ARE
 DOUBLE GLAZED
 COMPRESSED AIR BRAKE

*"4 CIG" (Stoke
 "4 BIG")*

1 DRIVERS CAB. 2 LAVATORIES. ○ FIRST COMPTS. 24 SEATS. 1 SECOND ALOON 28 SEATS



DRIVING TRAILER COMPOSITE



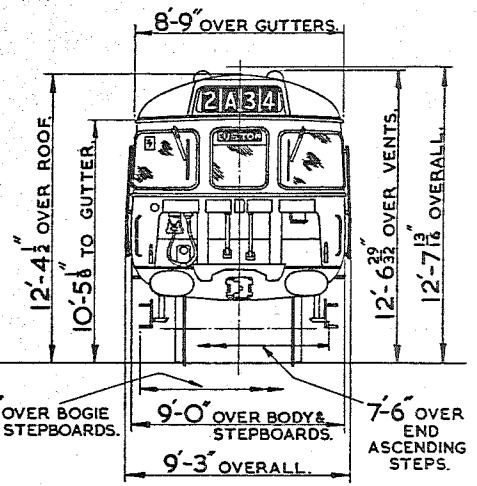
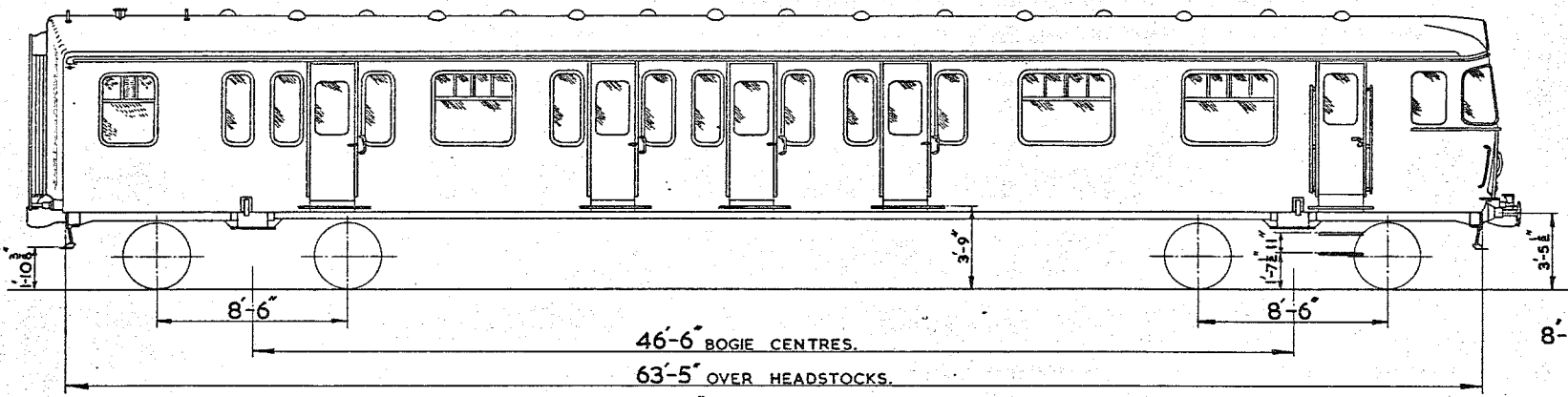
ALL WINDOWS ARE
 DOUBLE GLAZED
 COMPRESSED AIR BRAKE

Clg Stock



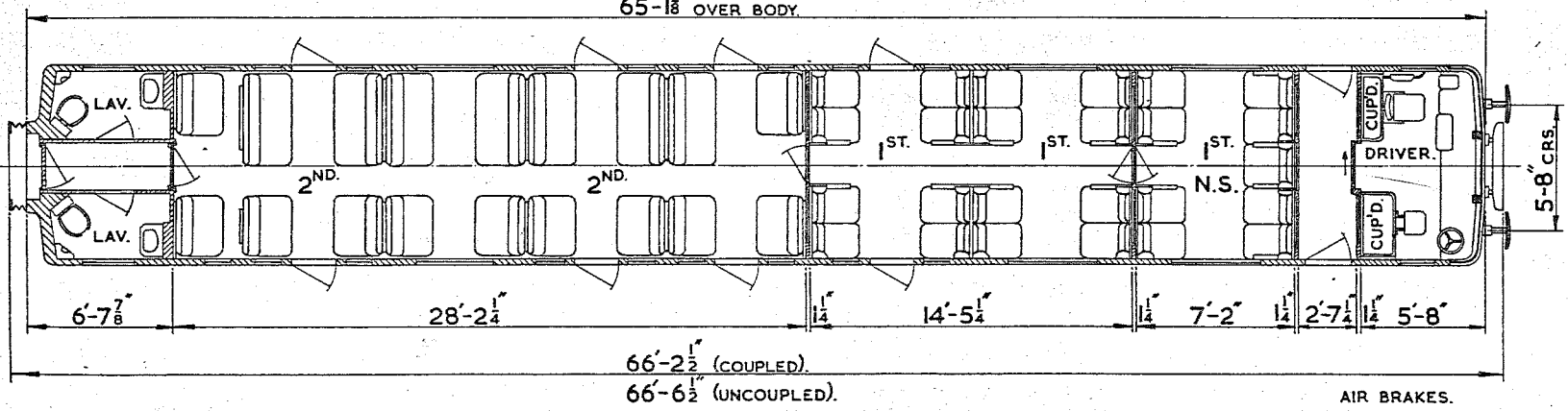
1 DRIVING COMPT. 2 LAVATORIES. 1 2ND SALOON 28 SEATS. 1 COMPT. 8 SEATS.
 3 FIRST COMPTS. 18 SEATS

DRIVING TRAILER OPEN COMPOSITE.



8'-4" OVER BOGIE STEPBOARDS.
 9'-0" OVER BODY & STEPBOARDS.
 9'-3" OVERALL.
 7'-6" OVER END ASCENDING STEPS.

DRIVING END.



		TARE		BUILT AT	
QTY.	LOT.	TONS.	CWTS.		
50	30748	33	16 1/2	DERBY 1964/6.	

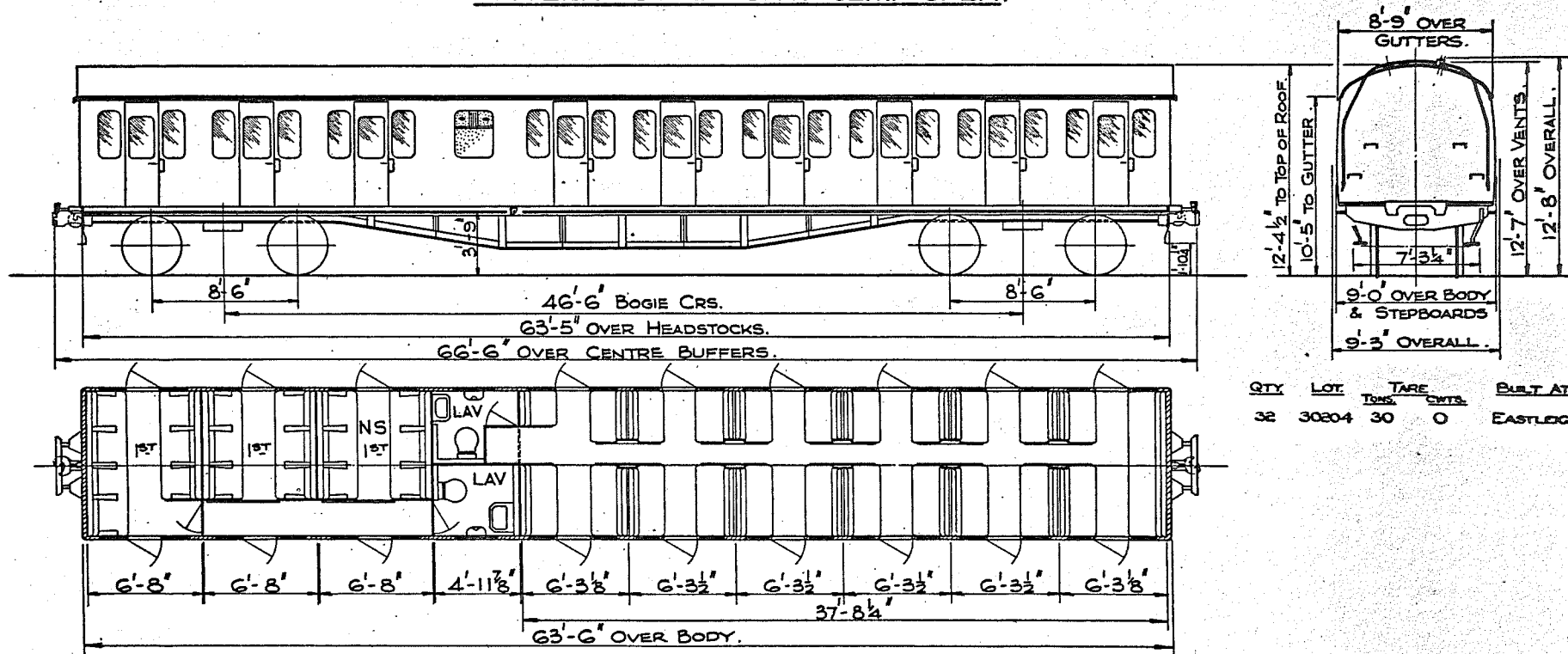
AIR BRAKES.

1 OPEN SECOND 43 SEATS. 2 OPEN FIRSTS 25 SEATS. 2 LAVATORIES & 1 DRIVING COMPT.



B.R.455

TRAILER COMPOSITE SEMI OPEN.



QTY.	LOT.	TARE TONS.	NET WT. CWTs.	BUILT AT.
32	30204	30	0	EASTLOUGH 1956.

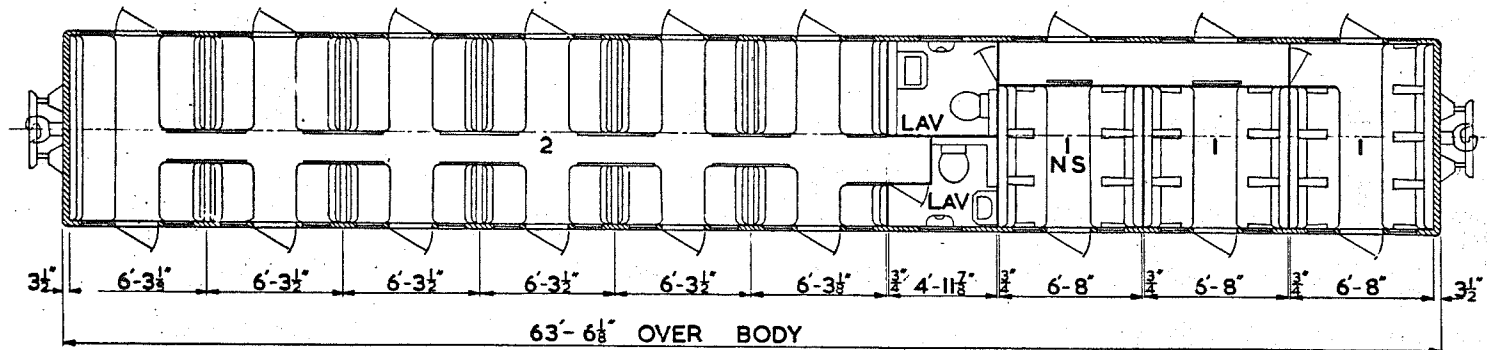
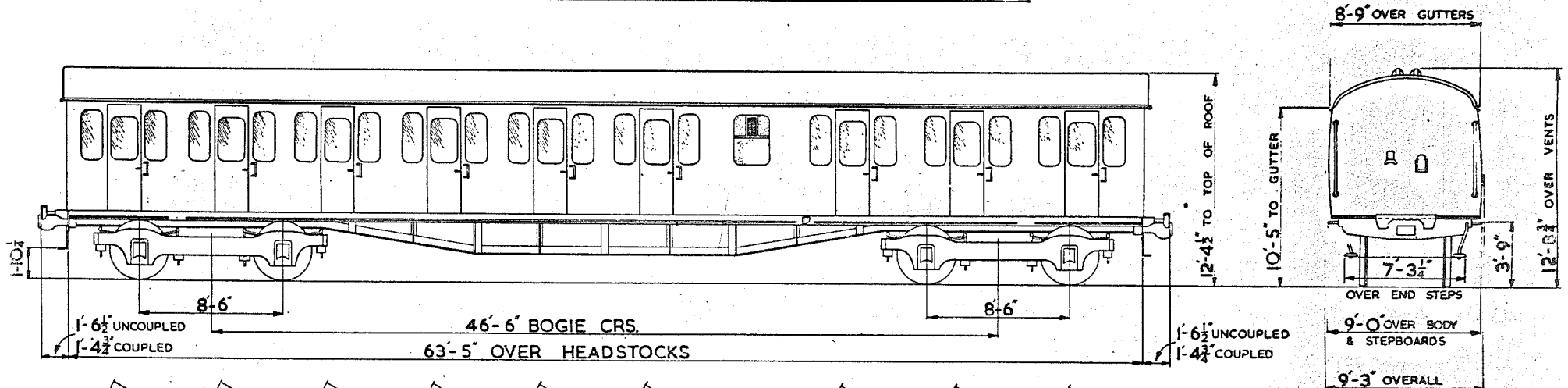
3 FIRSTS 19 SEATS . 1 SECOND. 60 SEATS.
2 LAVATORIES .

SCALE 0 2 4 6 8 10 FEET.

AIR BRAKE

TRAILER COMPOSITE SEMI OPEN

B.R. 456



QTY	LOT	TARE TONS	CWTS	BUILT AT
15	30431	31	5	WOLVERTON 1960

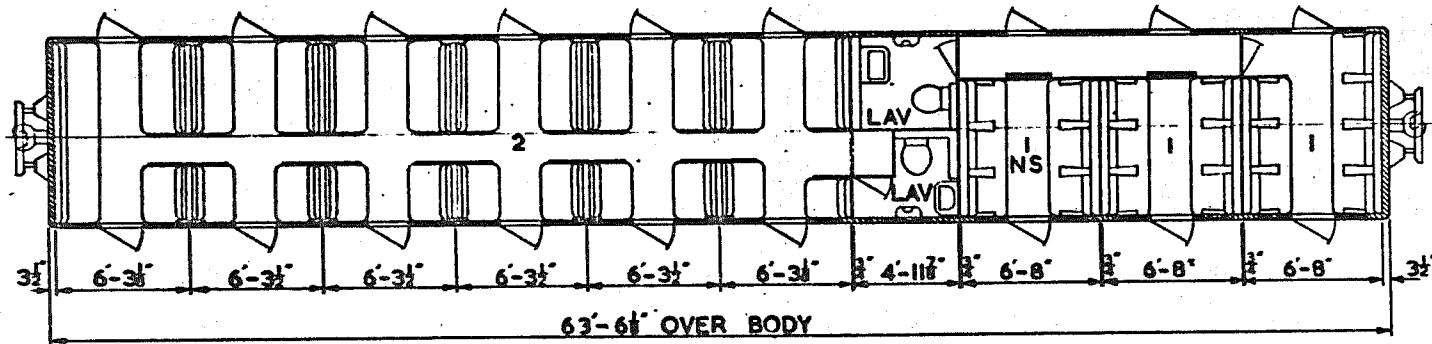
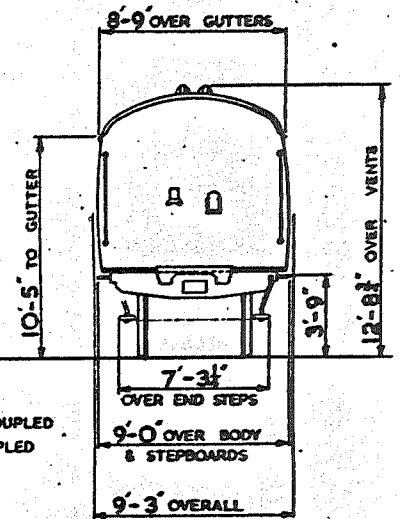
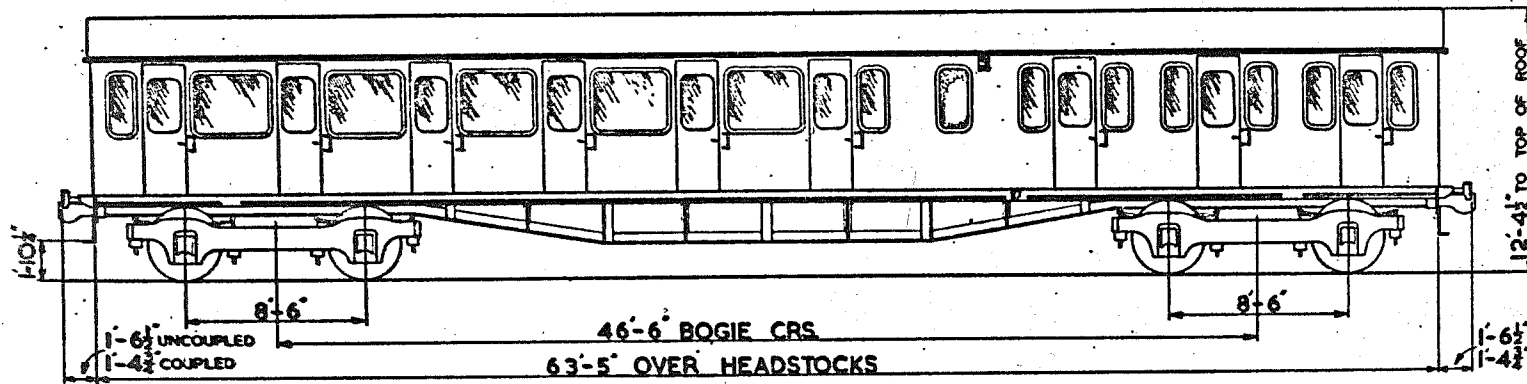
3 FIRSTS 19 SEATS
 1 SECOND 60 SEATS
 2 LAVATORIES

AIR BRAKE



TRAILER COMPOSITE SEMI OPEN

B.R.457



QTY	LOT	TARE		BUILT AT
		TONS	CWTS	
20	30609	31	15	WOLVERTON 1960
10	30644	31	15	WOLVERTON 1961

3 FIRSTS 19 SEATS
1 SECOND 60 SEATS

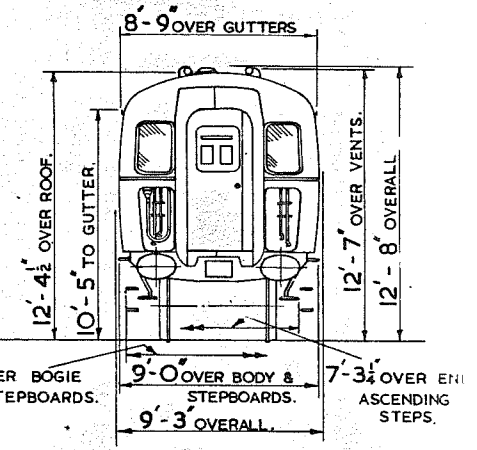
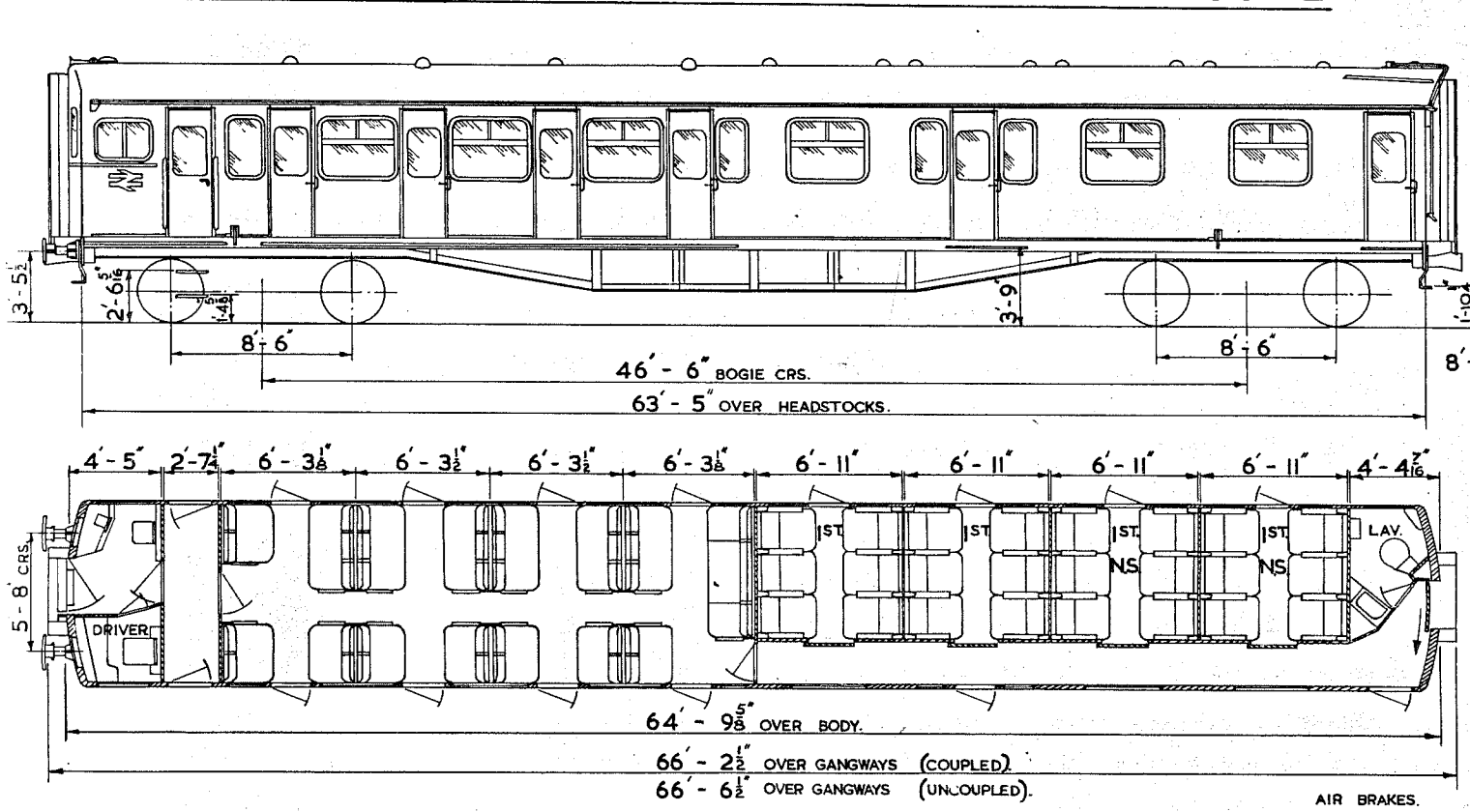
2 LAVATORIES

AIR BRAKES



GANGWAYED DRIVING TRAILER LAVATORY COMPOSITE

B.R. 458



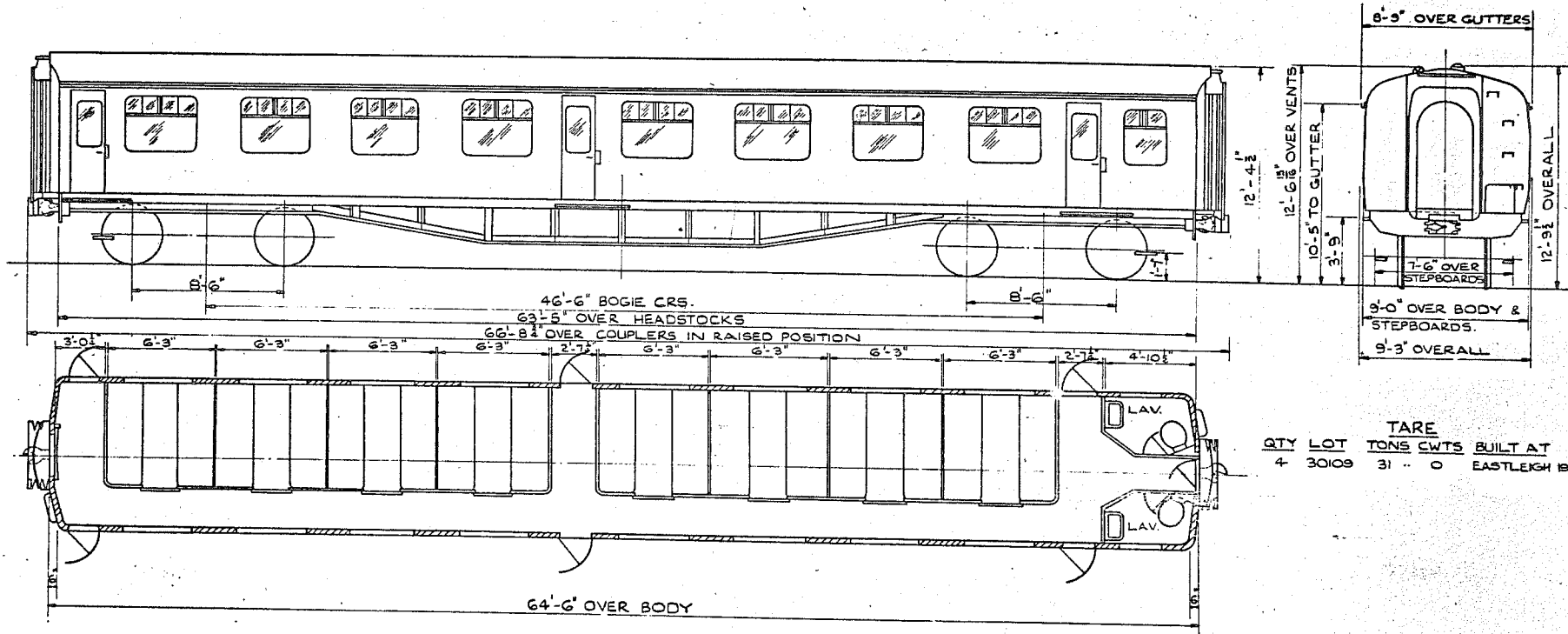
QTY	LOT	TARE		BUILT AT
		TONS	CWTS	
40	30758			YORK 1966.

1 OPEN SECOND 38 SEATS. 4 FIRST CLASS COMPS 4 SEATS. 1 LAVATORY & 1 DRIVING COMP.



TRAILER CORRIDOR SECOND

B.R. 460

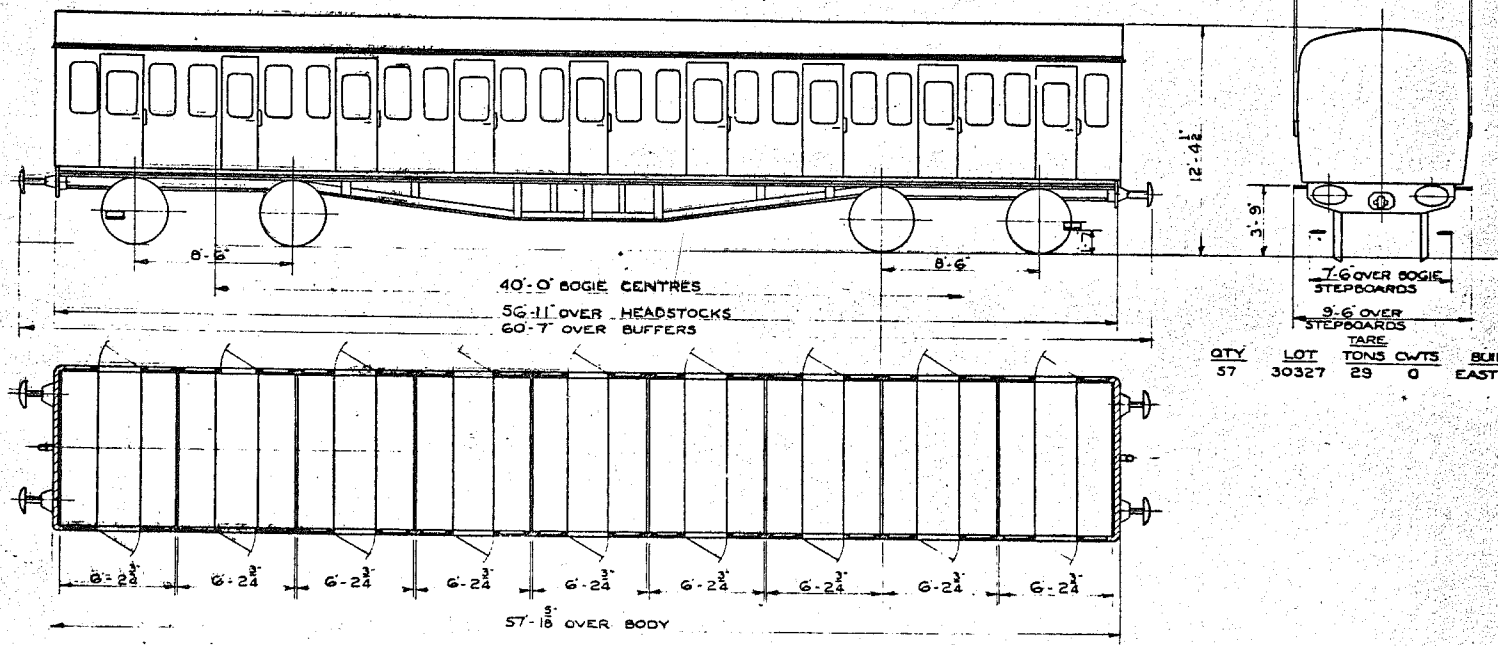


QTY	LOT	TARE	TONS	CWTS	BUILT AT
4	30109	31	0		EASTLEIGH 1956

SCALE 0 2 4 6 8 10 FEET

AIR BRAKE

TRAILER SECOND



QTY	LOT	TARE	BUILT AT
57	30327	29 0	EASTLEIGH 1957

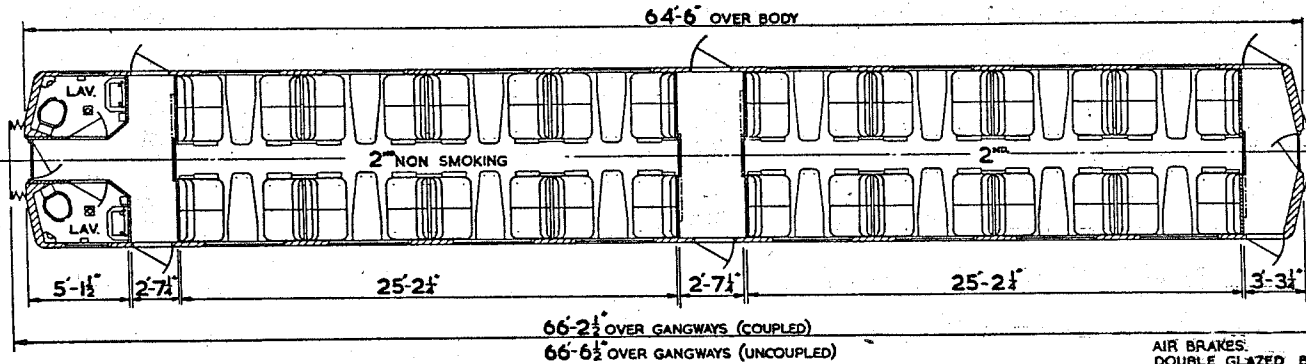
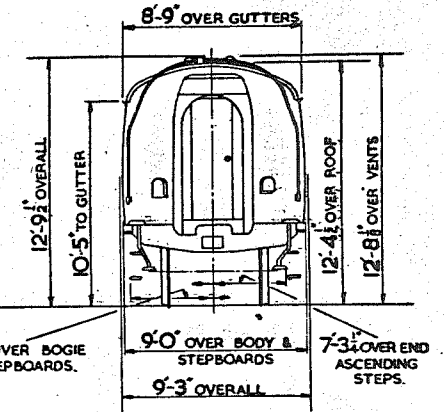
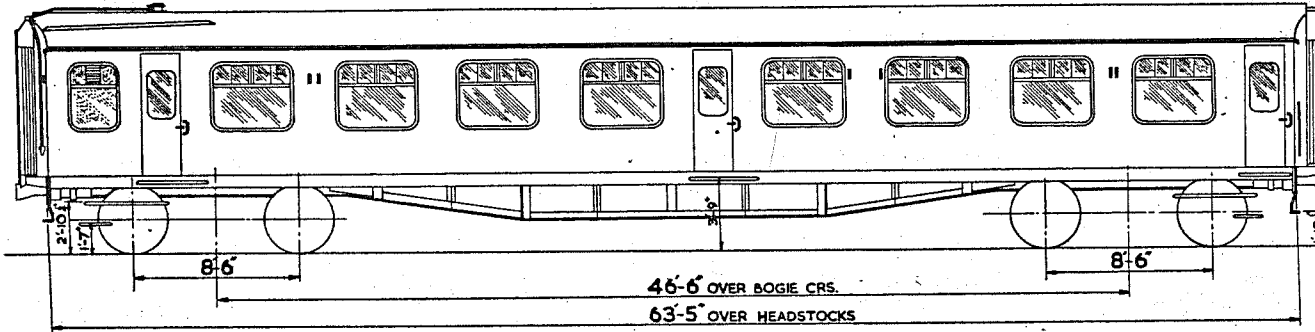
9 SECONDS . 108 SEATS



AIR BRAKE

GANGWAYED TRAILER OPEN SECOND.

B.R. 471



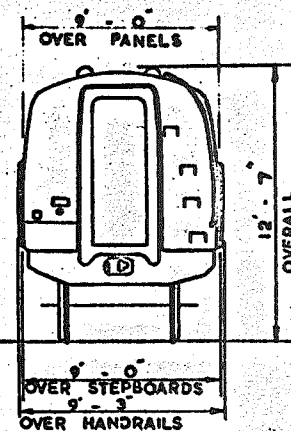
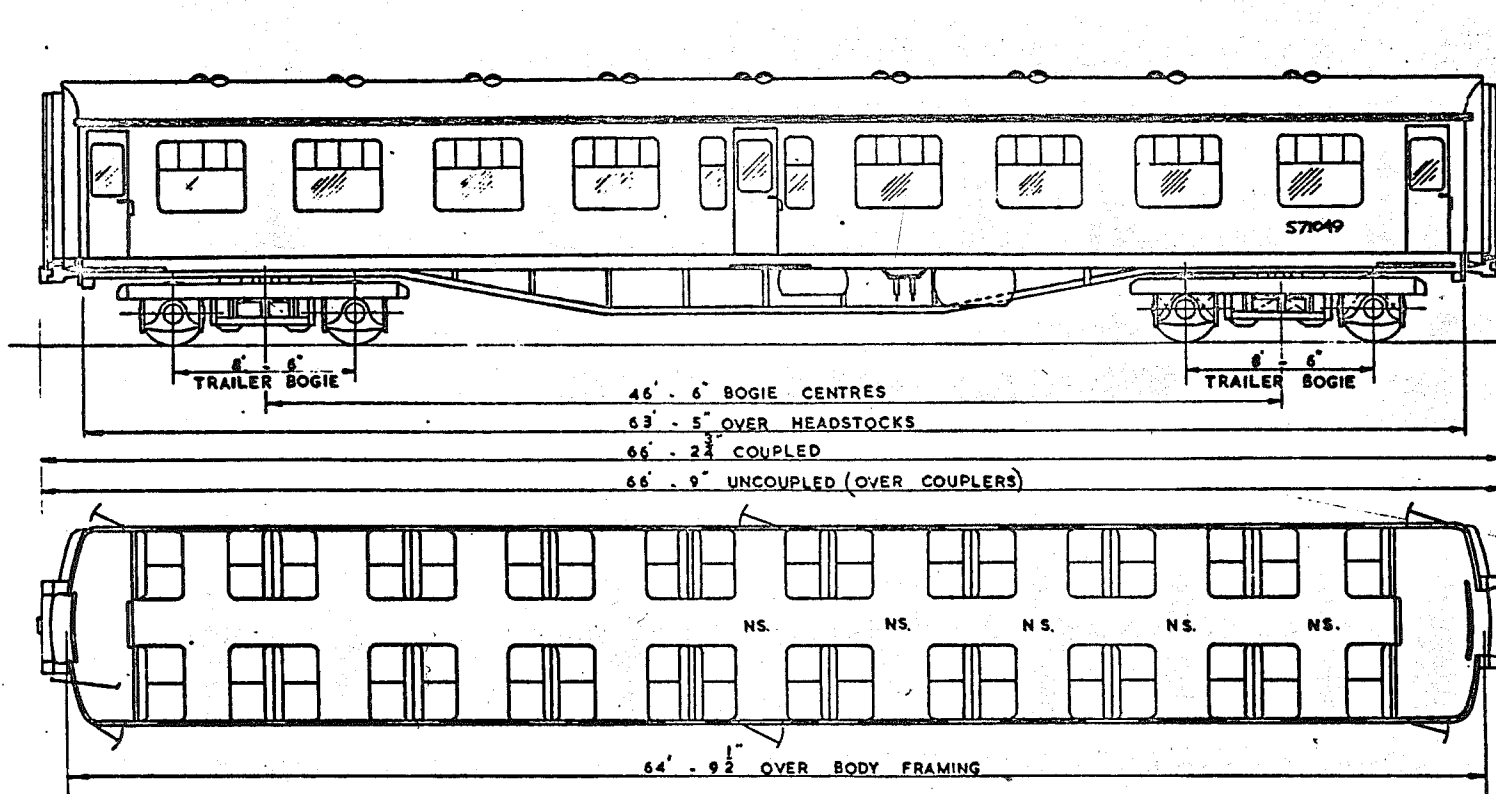
		TARE		BUILT AT	
QTY	LOT	TONS	CWTS		
7	30677	34	- 8	YORK 1962	

2 OPEN SECONDS 64 SEATS. 2 LAVATORIES.



B.R.472.

TRAILER OPEN SECOND



ALL WINDOWS ARE
DOUBLE GLAZED
COMPRESSED AIR BRAKE

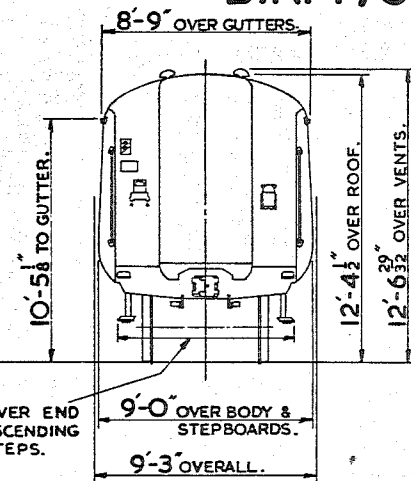
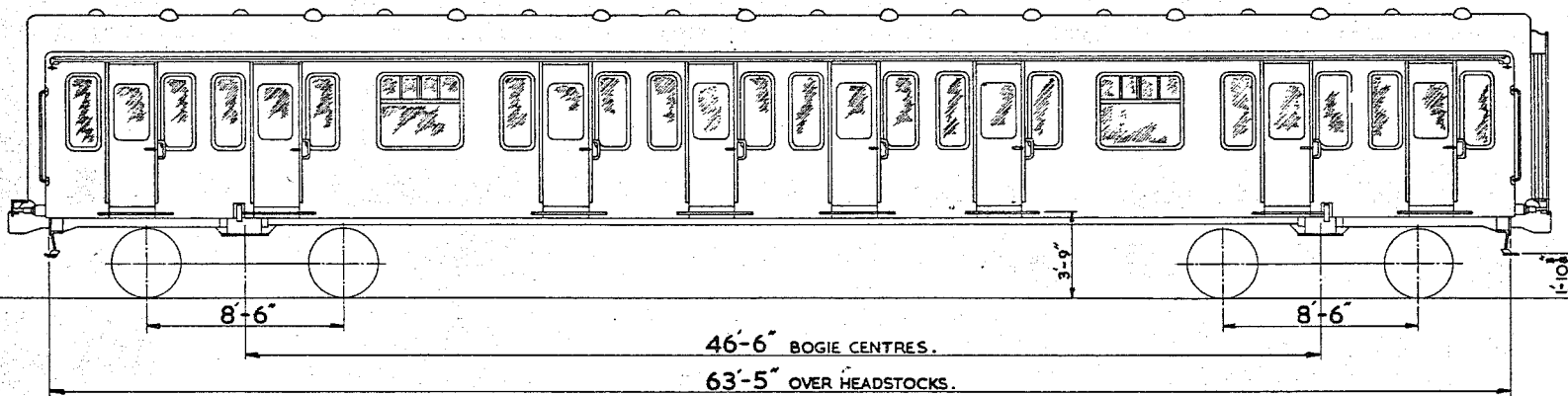
"4-CIG" Stock

1 SALOON 72 SECOND CLASS SEATS

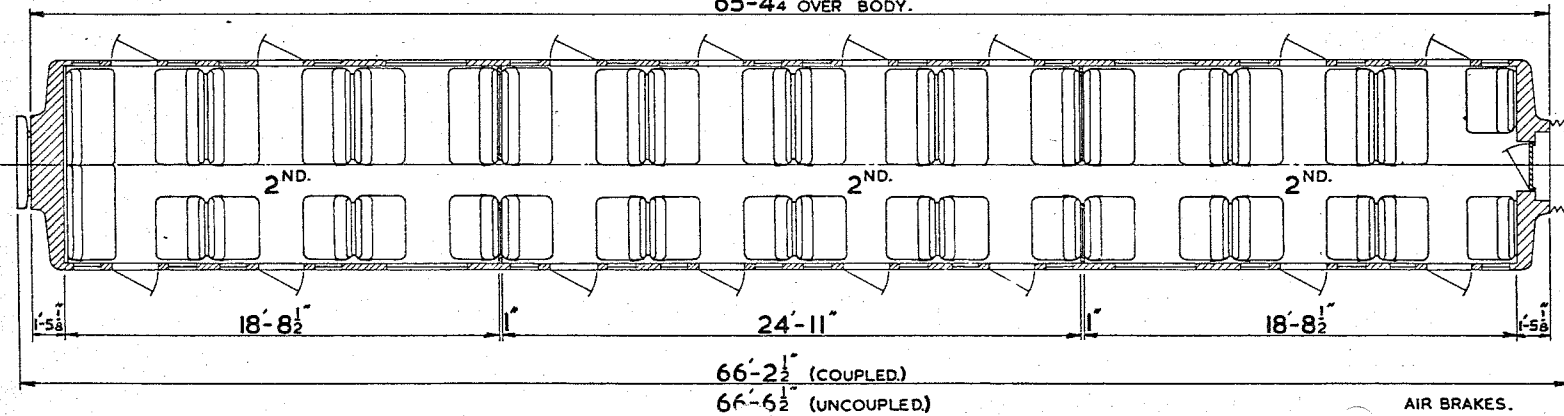


TRAILER OPEN SECOND.

B.R.473



65'-4 1/2" OVER BODY.



<u>TARE.</u>				
<u>QTY.</u>	<u>LOT.</u>	<u>TONS.</u>	<u>CWTS.</u>	<u>BUILT AT.</u>
50	30747	31	3 1/2	DERBY 1964/6.

3 OPEN SECONDS 100 SEATS.

Original © BRB Residuary Ltd

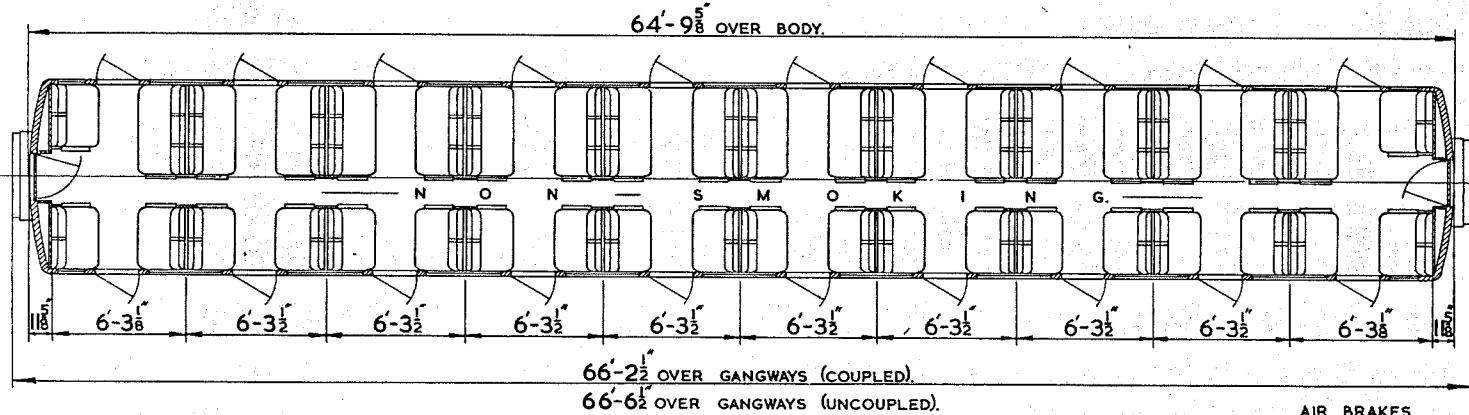
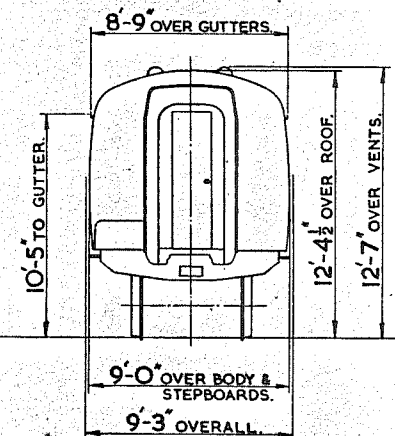
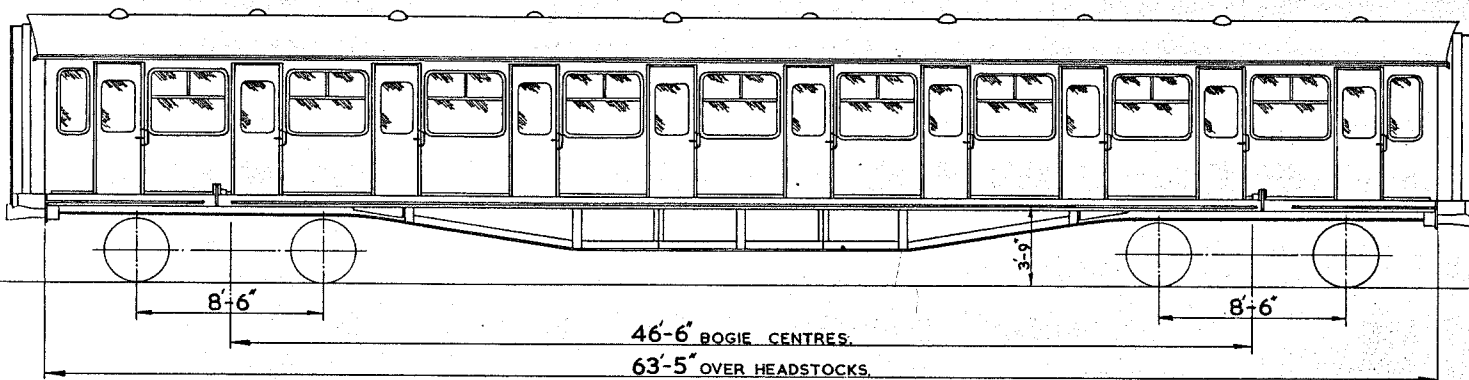
Original diagrams courtesy of Clive Mortimore. This PDF copy by J.D. Faulkner, 2010

(visit <http://www.barrowmoremrg.co.uk>)



GANGWAYED TRAILER OPEN SECOND.

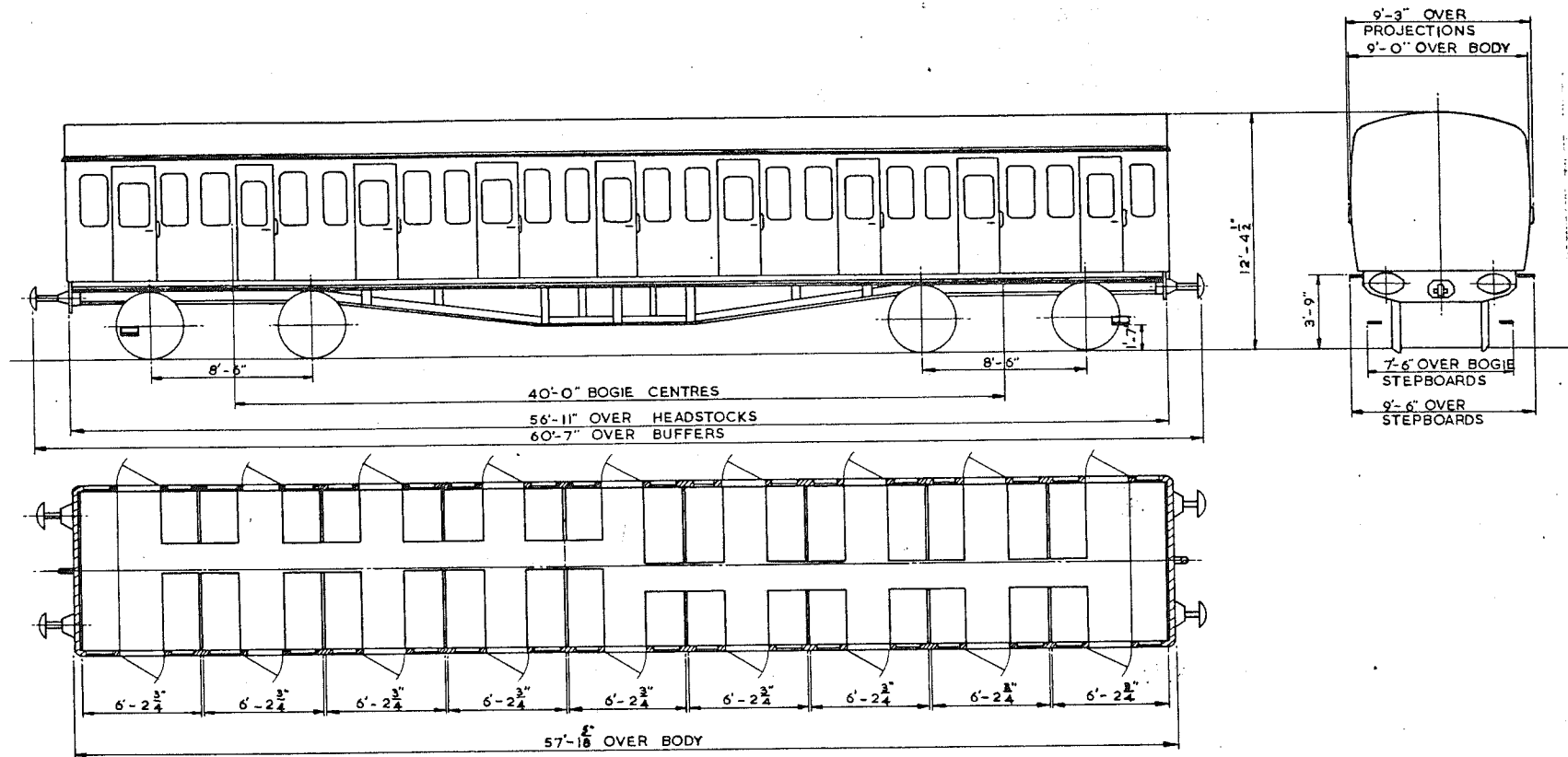
B.R. 474



		TARE			
QTY.	LOT.	TONS	CWTS.	BUILT AT	
20.	30759.			DERBY.	1966.

1 SALOON 98 SECOND CLASS SEATS.





SEATS	92
TOILETS	-
COMPARTMENTS	-
GUARDS COMPARTMENTS	-
VENTILATION	-
CATERING EQUIPMENT	-

ORIGINAL DIAGRAMS FOR REFERENCE.-
BR 478

ISSUE 1 DATE SEP' 80

EH 213

BASIC TYPE

ALTERNATIVES

BRAKES
BOGIE/SUSPENSION
BODY CONSTRUCTION
COUPLINGS
TRAIN HEATING
MAX. SPEED M.P.H.
MIN. RAD. CURVE CHAINS
LIGHTING
TARE WEIGHT TONNES
GANGWAYS
TRAIN COMMUNICATION
BUFFERS

ELECTRO PNEUMATIC
CLASS 501 TRAILER
STEEL
SCREW
ELECTRIC (BR)
70
3.5
ELECTRIC
29.5
NOT FITTED
NOT FITTED
SPINDLE-559 X 114 OVAL-

TRACTION DATA FOR MULTIPLE UNITS

EMU- LONDON DISTRICT INTRODUCED 1957 CONVERTED FROM COMPARTMENTS TO OPEN 1975.
VOLTAGE 630 VOLTS D.C. THIRD RAIL

BASIC TYPE

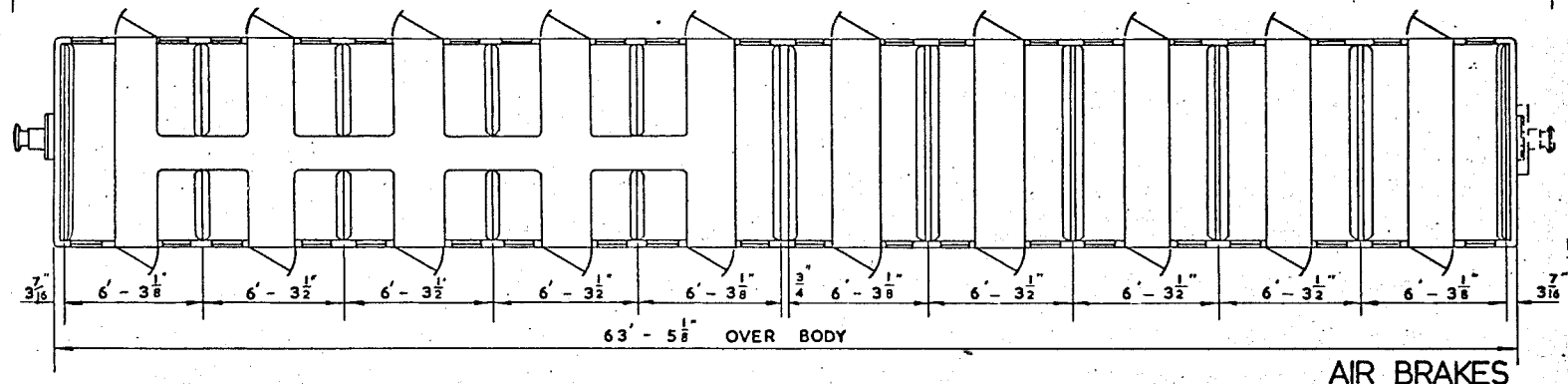
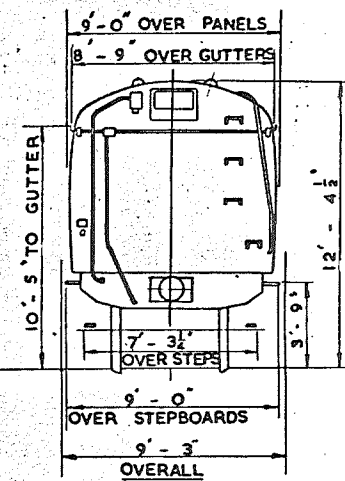
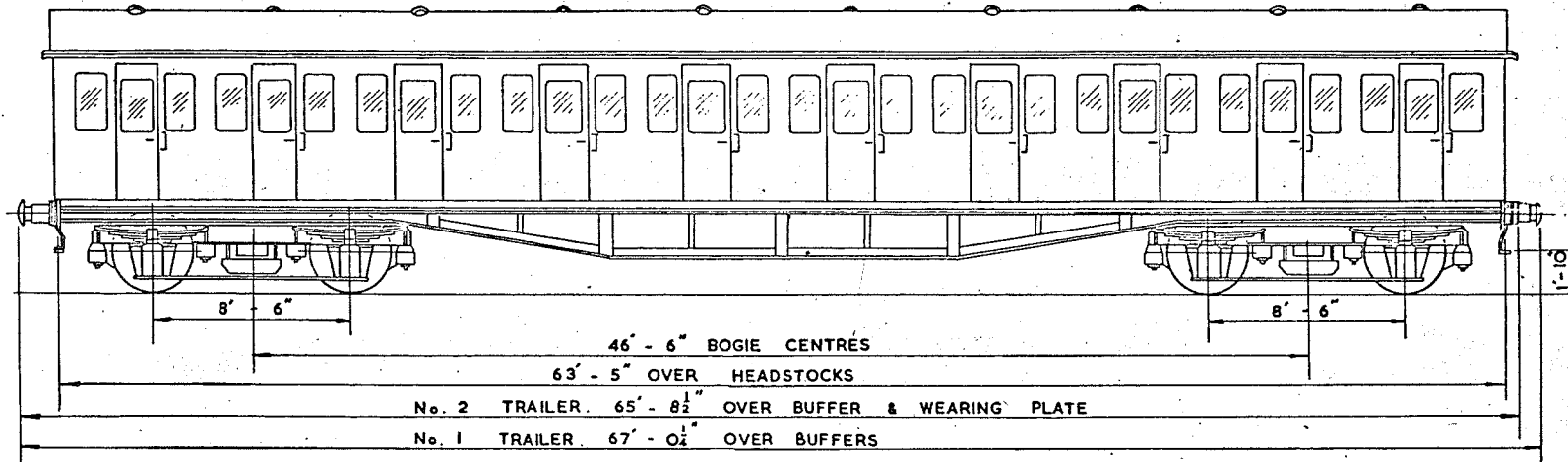
EH 213 0A

VARIANTS

NONE

TRAILER SEMI OPEN SECOND.

480

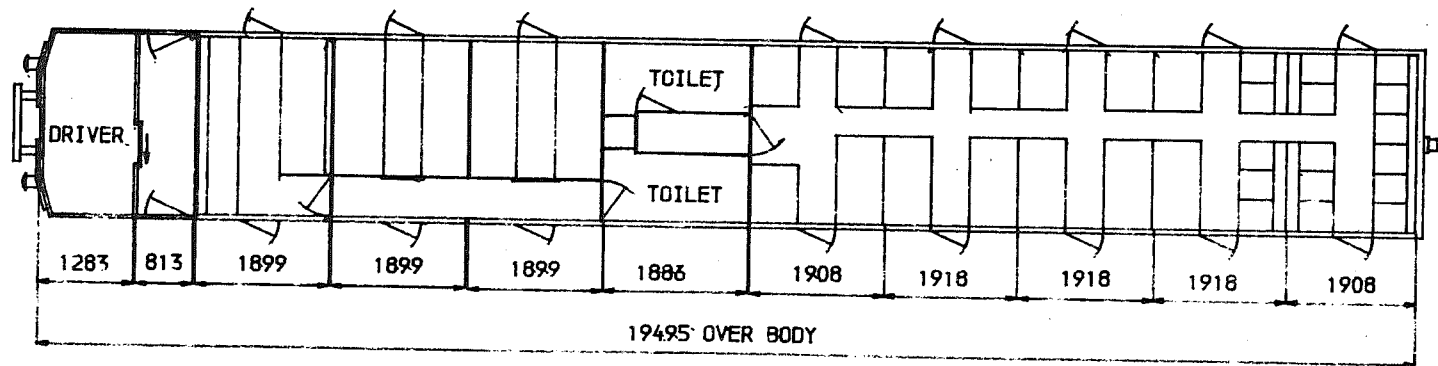
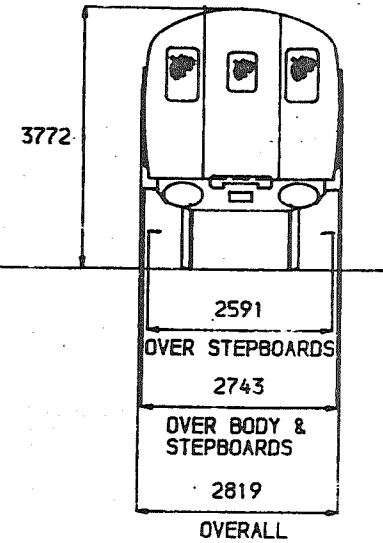
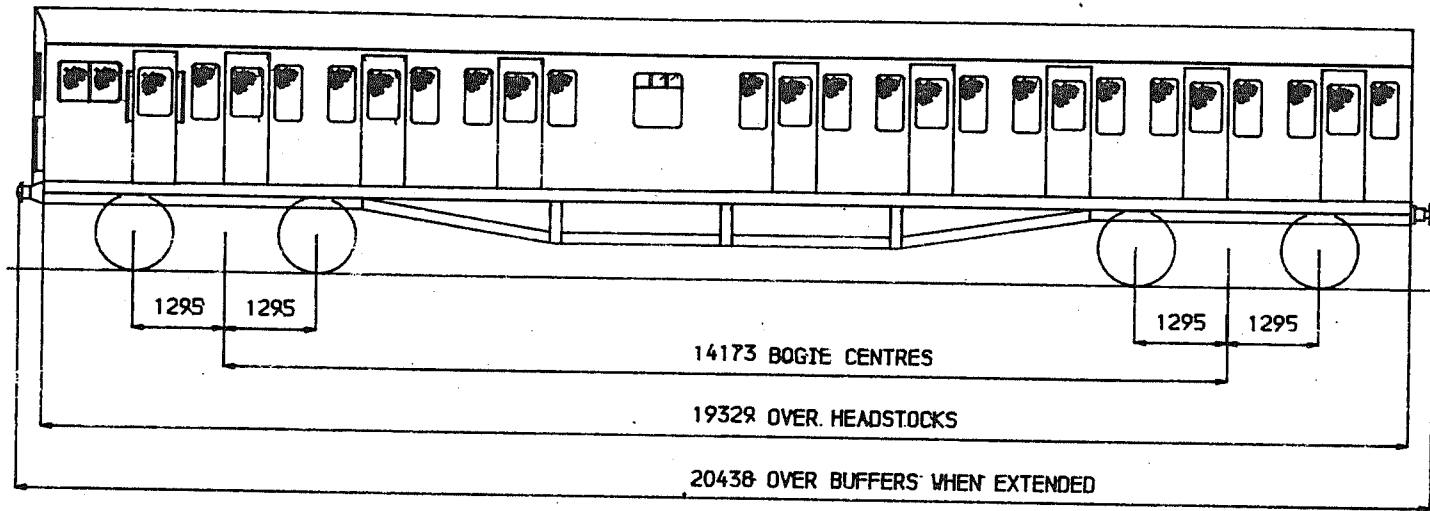


QTY	LOT No.	TARE	VEH. No.
84	30583	29 TON	70375 - 70458

BUILT AT EASTLEIGH



5 SECONDS 60 SEATS, 1 SECOND 52 SEATS.



SEATS 76
 TOILETS 2
 COMPARTMENTS 3 PLUS 1 SALOON
 GUARDS COMPARTMENTS 1
 VENTILATION 1
 CATERING EQUIPMENT 1

ORIGINAL DIAGRAMS FOR REFERENCE.-
 BR 481

ISSUE 1 DATE SEP '80

EE 267

BASIC TYPE

ALTERNATIVES

BRAKES
BOGIE/SUSPENSION
BODY CONSTRUCTION
COUPLINGS
TRAIN HEATING
MAX. SPEED M.P.H.
MIN. RAD. CURVE CHAINS
LIGHTING
TARE WEIGHT TONNES
GANGWAYS
A.V.S.
TRAIN COMMUNICATION
BUFFERS
S.R. DESIGN REFERENCE CODE

ELECTRO PNEUMATIC
S.R. MK 4 UNPOWERED
STEEL
AUTOMATIC DROPHEAD (BUCKEYE) OUTER END-3 LINK INNER END
ELECTRIC (BR)
90
3.5
ELECTRIC
32.5
NOT FITTED
FITTED
DRIVER/GUARD
RETRACTABLE SPINDLE-559 X 356 OVAL OUTER END-CENTRE INNER END
DX

DX 1A

TRACTION DATA FOR MULTIPLE UNITS

EMU- INTRODUCED 1951.
VOLTAGE 750/850 VOLTS D.C. THIRD RAIL

BASIC TYPE

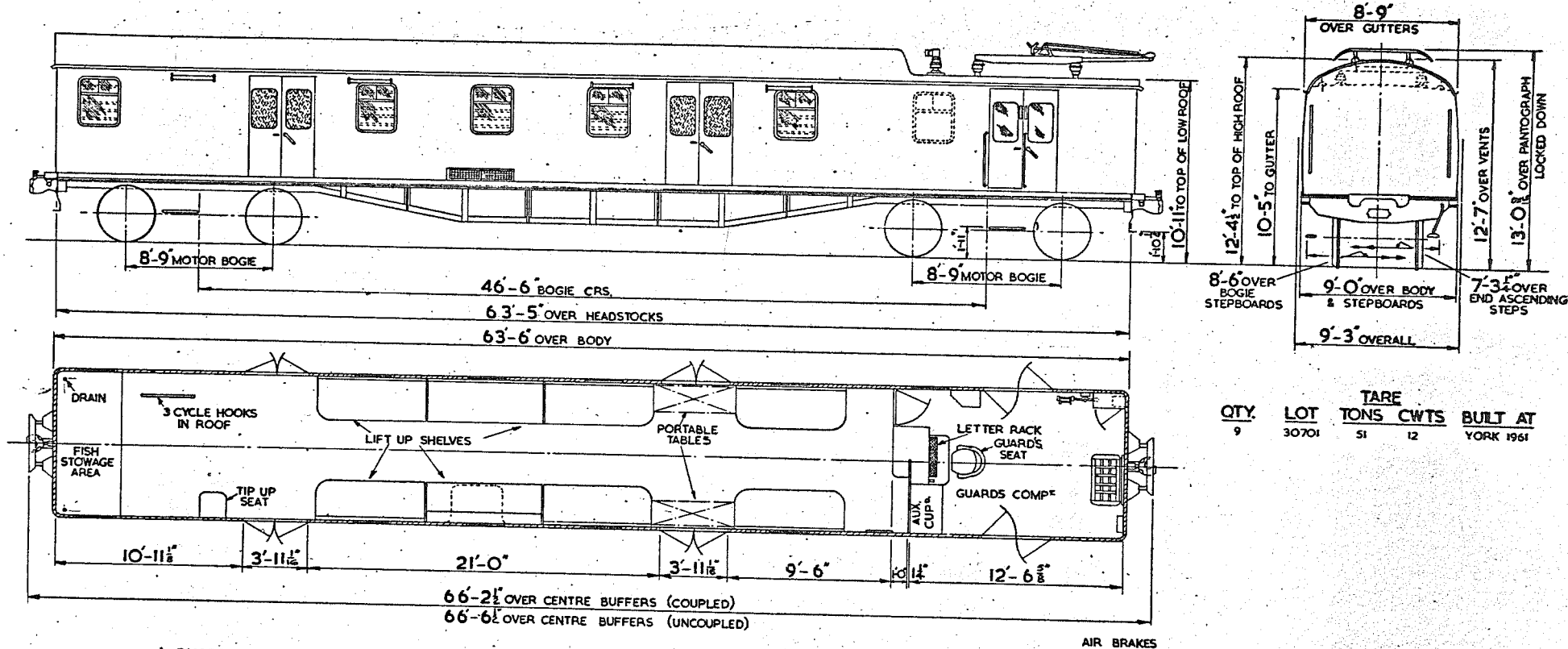
EE 267 0A

VARIANTS

1A S.R. DESIGN REFERENCE CODE DX 1A.

NON DRIVING MOTOR PARCELS VAN.

B.R. 497



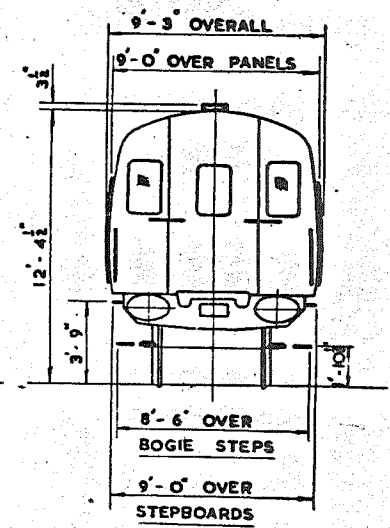
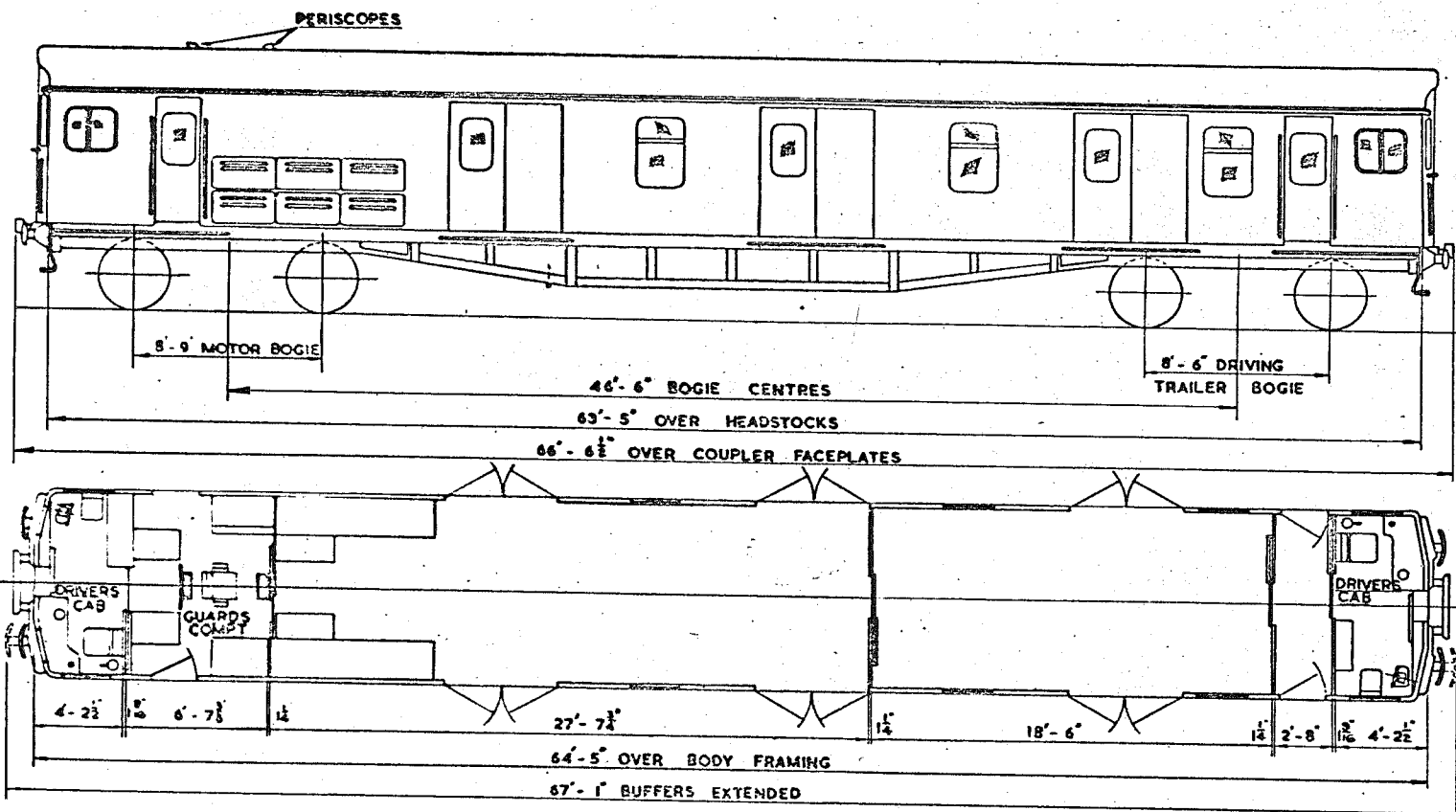
QTY.	LOT	TARE TONS	CWTS	BUILT AT
9	30701	51	12	YORK 1961

1 GUARDS COMPT. 1 LUGGAGE COMPT.
CARRYING CAPACITY 10 TONS EVENLY DISTRIBUTED.



MOTOR PARCELS VAN

B.R.498.



QTY.	LOT	TARE	BUILT AT
		T. C.	
2	30458	45.0	EASTLEIGH 1959

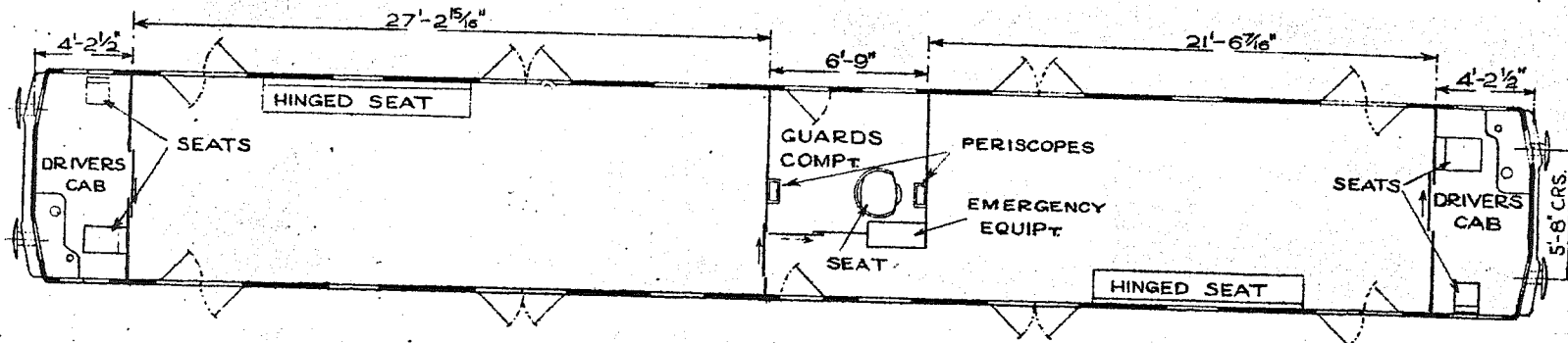
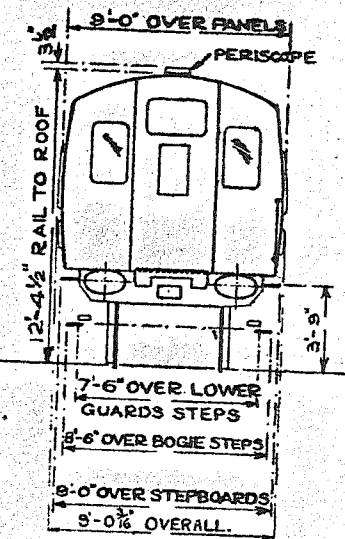
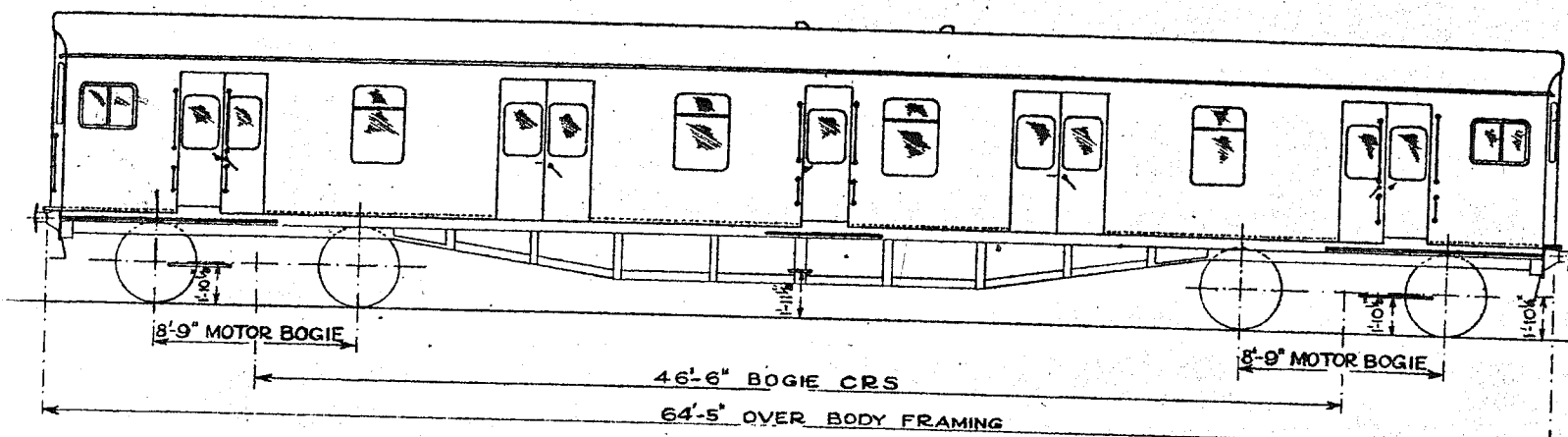
1 GUARDS COMPT. 2 DRIVERS CABS. 2 LUGGAGE COMPTS.



COMPRESSED AIR & VACUUM BRAKES

MOTOR LUGGAGE VAN.

BR. 499



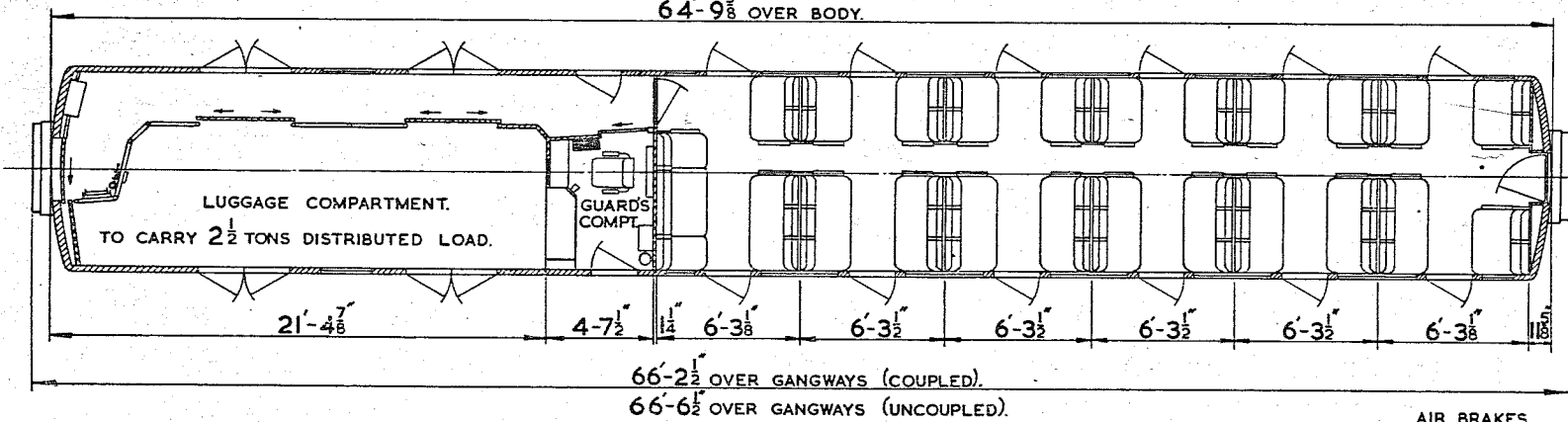
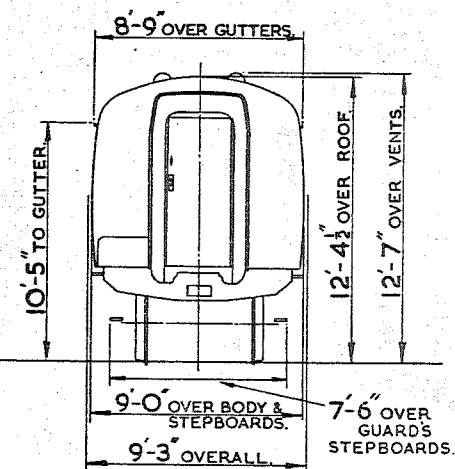
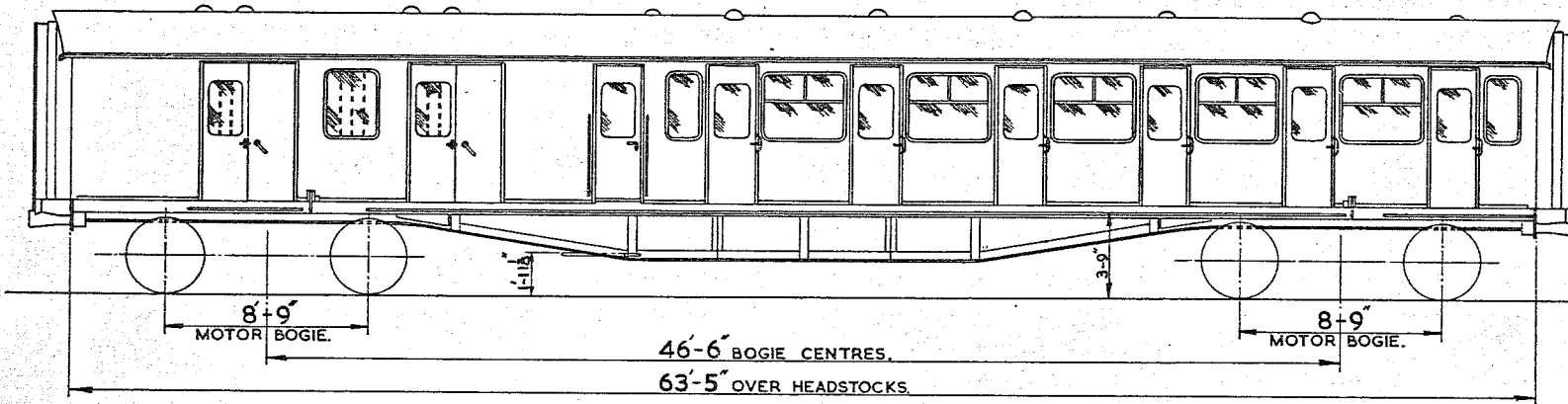
QTY	LOT	TARE TONS CWT.	BUILT AT
1	30118	49 0	EASTLEIGH 1955

1 GUARDS COMPT. 2 DRIVERS CABS. 2 LUGGAGE COMPTS.

FITTED WITH A VACUUM EXHAUSTER FOR USE WHEN HAULING VACUUM BRAKE FITTED STOCK

GANGWAYED MOTOR BRAKE SECOND.

B.R. 880



TARE.

QTY.	LOT.	TONS	CWTS.	BUILT AT
20.	30760.			DERBY. 1966.

1 SALOON 58 SECOND CLASS SEATS. 1 GUARD'S COMPT. 1 LUGGAGE COMPT.

