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# British Railways Board

Mechanical & Electrical Engineering Department

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## VEHICLE DIAGRAM BOOK NO 320 (PART 5)

FOR

## B.R. Revenue Freight Vehicles

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WILL NOT BE KEPT UP TO DATE

## Specially Constructed Vehicles

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INSTRUCTIONS FOR THE ALLOCATION OF TARE AND CARRYING CAPACITY

All vehicles on each Lot are to be individually weighed on completion and the tare obtained rounded to the nearest 50 kg; this is the tare to be painted on the Traffic Panel.

e.g. Weighbridge readings 12 000 kg to 12 024 kg to be written 12 000 kg.

Weighbridge readings 12 025 kg to 12 050 kg to be written 12 050 kg.

The actual tare of the first vehicle of a Lot shall be communicated to the Design Engineer (Rolling Stock) Derby who will specify the carrying capacity to be written on the traffic panel.

The Design Office will obtain the carrying capacity by subtracting the actual tare from the G.L.W. for the vehicle. This weight will be rounded to a whole or half tonne and irrespective of the individual tares of the remaining vehicles in the Lot, this shall be the carrying capacity to be written on vehicles similarly constructed on that Lot number.



## PREFACE

A complete list of Vehicle Diagram Books is shown below, together with new or revised book reference numbers & the colours of the respective book covers. The existing Locomotive Diagram books, which are presently shown with MT/ reference numbers, will receive new covers in accordance with this revised numbering system, at the next amendment to the content of the books.

### REVISED VEHICLE DIAGRAM BOOK NUMBERS

<u>Vehicle Type</u>	<u>Diagram Book No</u>	<u>Colour of Cover</u>	<u>Vehicle Type</u>	<u>Diagram Book No</u>	<u>Colour of Cover</u>
<u>Locomotives:- Diagram Book Series 100</u>			<u>Freight Vehicles:- Diagram Book Series 300</u>		
Diesel Electric Main Line Locos	100 (Present No MT/25)	Red	Privately owned Freight Vehicles	300	White
Electric Main Line Locos	110 (Present No MT/26)	Green	Privately owned International Ferry Vehicle	310	White
Diesel Shunting Locos	120 (Present No MT/27)	Yellow	BR, Revenue Freight Vehicle	320	Buff
<u>Coaching &amp; Multiple Unit Stock:- Diagram Book Series 200</u>			BR International Ferry Vehicles	330	Buff
Loco Hauled Coaches	200	Orange	Foreign Administration Freight Vehicles	340	White
Electric Multiple Units	210	Blue	BR Service Department Vehicles	350	Buff
Diesel Multiple Units (Railcar)	220	Pink			
Diesel Electric Multiple Units (HST)	230	Pink			

June 1981

Issued by:-

Director of Mechanical & Electrical Engineering  
Railway Technical Centre  
DERBY





# VEHICLE NUMBERS—CONCRETE BEAM

DIAGRAM	LOT No.	QTY.	VEHICLE NUMBERS
XC 001A	EX. LOT 2009	1	907101
	EX. LOT 2016	2	907110, 907112
	EX. LOT 2643	1	908501
XC 006A	EX. LOT 2622	2	908010*, 908012*
	EX. LOT 2651	1	908019*
XC 006B	EX. LOT 3171	2	908022*, 908027*
XC 009A	EX. LOT 2622	1	908013
	EX. LOT 3171	1	908025
XC 010A	EX. LOT 2174	1	908001
	EX. L.N.E.S.P. P.G. 50	1	217295
XC 015A	EX. LOT 2174	1	908006*
	EX. LOT 2622	1	908014*
	EX. LOT 2651	2	908016*, 908017*
XC 015B	EX. LOT 2174	1	908002*
XC 015C	EX. LOT 3171	2	908023*, 908026*

**NOTE : VEHICLES MARKED \* ARE USED FOR CONVEYING CONCRETE BEAMS BUT CAN BE CONVERTED TO ARMOUR PLATE WAGONS**





## VEHICLE NUMBERS - FLAT WAGONS

DIAGRAM	EX LOT No OR DIAGRAM	QTY	VEHICLE NUMBERS
XDOOIC	LOT 3123	5	906820, 906822, 906824, 906826, 906829
XFOOIA			
	LOT 2944	1	907202
	LOT 3044	12	907209, 907210, 907211, 907212, 907217, 907219, 907221, 907224, 907225, 907228, 907229, 907235
XFOOIB	LOT 2944	2	907206, 907207
	LOT 3044	3	907215, 907222, 907232
XFOO2A	LOT 3416	1	161000
XFOO2B	LOT 3416	15	161013, 161015, 161017, 161019, 161037, 161039, 161040, 161041, 161044, 161047, 161048, 161049, 161051, 161054, 161055



## VEHICLE NUMBERS - LOWMAC

DIAGRAM	LOT No.	QTY.	VEHICLE NUMBERS
XL 001A	LOT 2475	1	905029,
XL 002A	LOT 3100	15	905100,905101,905102,905103,905104,905106,905107,905108,905109,905110,905111,905112,905114,905115, 905116
XL 002B	LOT 3197	1	905118
XL 003A	LOT 2007	2	904001, 904013
	LOT 2189	2	904035,904036
	LOT 2276	3	904050,904051,904075
XL 003B	LOT 3254	6	904145,904146,904150,904151,904152,904153
XL 004A	EX. L.N.E. SP DIAG. 139	3	278481, 278482, 278483
XL 004B	LOT 2959	3	904120,904121,904122
XL 005A	EX. L.N.E. DIAG. 143	10	230917, 230924, 230930, 230935, 230940, 230941, 230954, 230964, 230965, 230966
XL 005B	EX. L.N.E. DIAG. 143	1	230931
XL 006A	EX. L.M.S. 1212	1	700618
XL 007A	LOT 2492	2	904103, 904104
	LOT 2592	10	904105, 904106, 904107, 904109, 904110, 904112 TO 904116.

## VEHICLE NUMBERS - LOWMACS

DIAGRAM	LOT No. OR DIAGRAM	QTY.	VEHICLE NUMBERS
XL007B	LOT 2976	6	904123, 904126, 904129, 904130, 904132, 904133
XLO08A	LOT 3101	7	904137, 904138, 904139, 904140, 904141, 904142, 904144
XL008B	LOT 3298	2	904155, 904157
XL009B	DIAGRAM E173	17	260851, 260858, 260859, 260861, 260866, 260873, 260874, 263275, 263282, 263286, 278485, 278489, 278493, 278494, 278497, 278499, 278504
XLO09C	LOT 2187	17	904502, 904503, 904506, 904509, 904510, 904511, 904512, 904513, 904514, 904515, 904519, 904520, 904523, 904524, 904525, 904526, 904529
XLO09D	L.M.S. LOT 1342	9	700700, 700702, 700706, 700708, 700709, 700710, 700715, 700724, 700725
XL009F	LOT 2187	4	904531, 904534, 904535, 904536
XLO10A	LOT 2449	4	904566, 904567, 904569, 904571
	LOT 2594	1	904631



## VEHICLE NUMBERS-FLATROL BOGIE &amp; RECTANK

DIAGRAM	LOT No	QTY	VEHICLE NUMBERS
XP 001A	LOT 2620	1	900352
XP 001B	LOT 2453	1	900351
XP 003A	LOT 2571	1	900600
XP 006B	LOT 3266	1	900430
XP 007A	LOT 2948	2	900423, 900424
	LOT 3069	3	900425, 900426, 900428
XP 008A	LOT 3269	2	900432, 900435
	LOT 3270	2	900437, 900440
XP 012A	GW LOT 1646	1	32905
XR 001A	LOT 3165	4	909010, 909014, 909020, 909021
	LOT 3259	8	909025, 909030, 909031, 909036, 909039, 909040, 909044, 909045
XR 001B	LOT 3299	10	909051, 909062, 909064, 909065, 909067, 909070, 909071, 909072, 909074, 909076
XR 001D	LOT 3259	3	909021, 909036, 909040
	LOT 3299	1	909071

## VEHICLE NUMBERS-CONCRETE BEAM SPACER WAGON,TRESTROLS,TRESTLE

DIAGRAM	LOT No.	QTY.	VEHICLE NUMBERS
X\$ OOIA	EX LOT 2936	1	900108
X\$ OOIB	DIAGRAM EX E95	1	217319
X\$ OO2A	EX LOT 2543	5	902013,902015, 902017, 902019, 902023
	EX LOT 2646	3	902025, 902028, 902029
XT OO2A	LOT 2205	2	901505, 901507
XT OO2B	LOT 2355	6	901510, 901511, 901512, 901514, 901518, 901519
	LOT 3017	6	901521, 901523, 901525, 901527, 901528, 901530
XT OO2C	LOT 3112	8	901532, 901534, 901535, 901536, 901537, 901538, 901539, 901540
	LOT 3247	13	901548, 901549, 901553, 901555, 901556, 901557, 901560, 901561, 901564, 901566, 901567, 901568, 901572
	LOT 3309	43	901702 TO 901705, 901707, 901709 TO 901712, 901715, 901717 TO 901726, 901728 TO 901746 901748 TO 901751
XU OOIC	LOT 3124	2	903655, 903662





## VEHICLE NUMBERS -WELTROL

DIAGRAM	LOT No.	QTY.	VEHICLE NUMBERS
XW 00IA	LOT 3272	1	900810
	LOT 3301	2	900812,900813
XW 00IB	LOT 2029	1	900807
XW 002B	LOT 2642	1	900904
XW 004A	LOT 3102	1	900916
	LOT 3192	3	900930,900935,900936
XW 005A	LOT 2879	1	900907
XW 006A	LOT 2880	2	900909,900910
XW 007A	LOT 2647	1	901102
XW 007B	LOT 2978	1	901106
XW 007C	LOT 2881	2	901104,901105
XW 009A	LOT 3241	2	901022,901025
XW 010A	LOT 3194	3	901018,901019,901021

## VEHICLE NUMBERS-GIRDER UNIT; HYMAC; TRANSFORMER TROLLEY; BOILER UNIT; WELTROL

DIAGRAM	LOT No.	QTY.	VEHICLE NUMBERS
XX 001A	LOT 2692	4	907500,907501,907504,907505
	LOT 2873	4	907502,907503,907506,907507
XX 002A	LOT 3304	5	906022,906023,906024,906025,906026
XY 001B	L.M.S. LOT 449	1	168906
XY 004A	LOT 3527	4	902805,902806,902807,902808
XY 004B	LOT 3527	4	CONSISTS OF ALL 4 VEHICLES FROM XY 004A
XZ 005A	EX. L.NE. DIAG. 153	1	235317
XZ 011A	LOT 2419	2	901800,901801
XZ 013A	EX. L.NE. DIAG. E.53	1	155018
XZ 015A	LOT 2828	1	901260

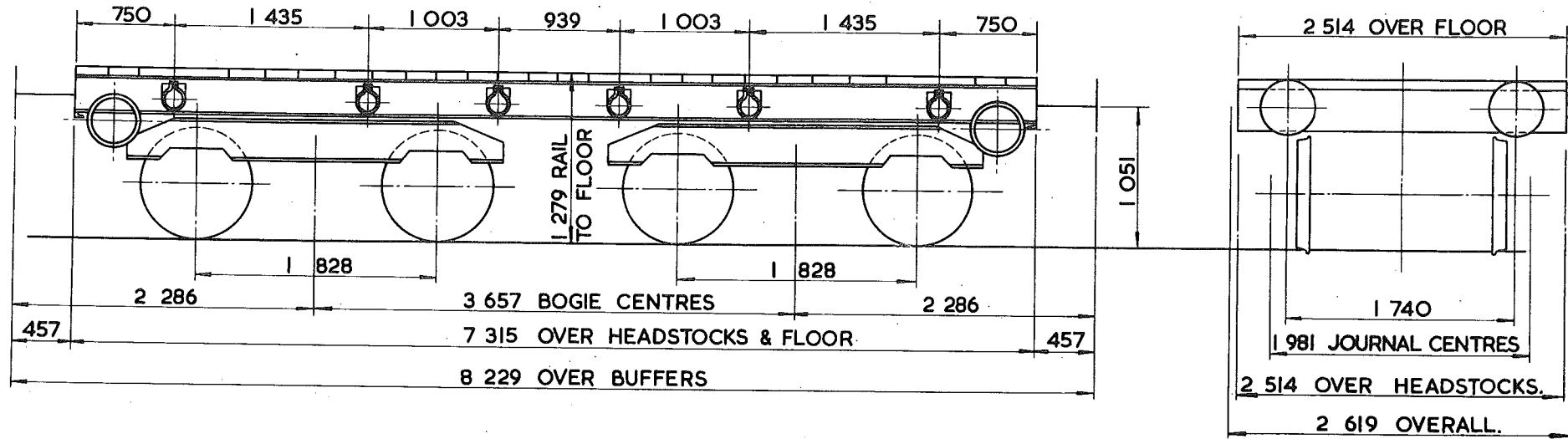
# ARMOUR PLATE WAGON

XA001A

LOT NUMBER
2008
2643
2721
2924
3041

EXCESS LENGTH	H	M	L	E
tonnes	55	40	25	15
VB				
AB				
RA	6	3	1	1
MAX. SPEED	45	45	45	45

TOPS CODE									
CARKND		AARKND			OPERATING PANEL No				
X	A	Ø	X	A	Ø	C	5	8	5



TARE -	14 600 kg
CARRYING CAPACITY -	40 500 kg
CAPACITY -	
MAX. SPEED -	45 mile h
WHEELS -	824 DIA.
JOURNALS -	280 x 140 PLAIN BEARINGS

BUFFERS -	SELF CONTAINED 381 DIA. HEADS
COUPLINGS -	INSTANTER
MIN. CURVE -	21 m.
GEN. ARRGT DRG. No -	D13/3791
BRAKE -	HAND SCREW
SUSPENSION -	EYEBOLT

6 SHACKLES ARE FITTED TO EACH SOLEBAR.  
2 SETS OF "LOOSE" BINDING CHAINS INCLUDING SCREW COUPLINGS ARE IN CHAIN BOXES.

ISSUE 1.

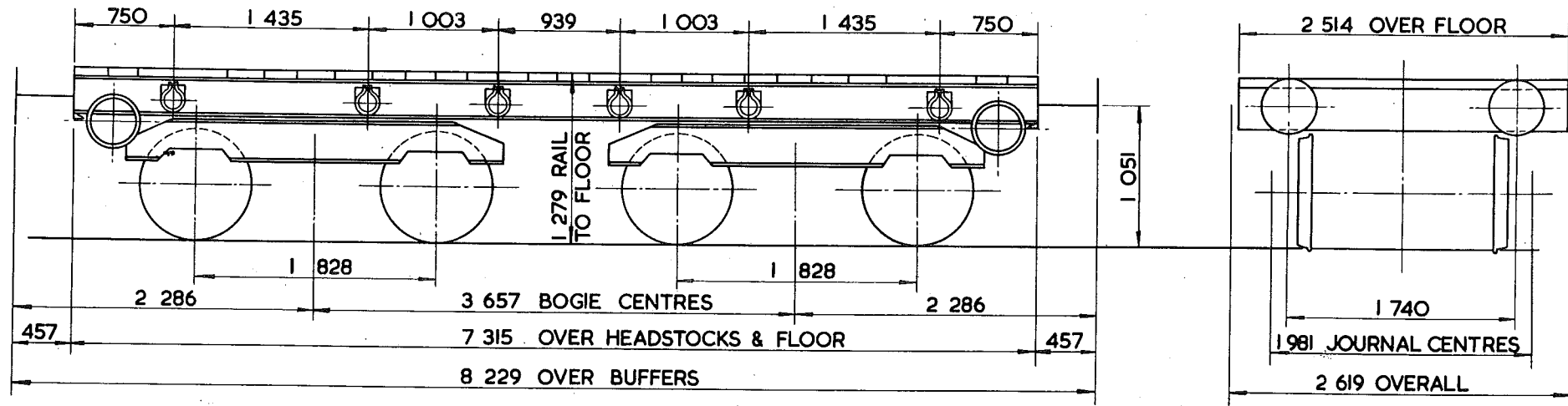
# ARMOUR PLATE WAGON

XA001B

LOT NUMBER
3271

EXCESS LENGTH	H	M	L	E
tonnes	55	40	25	15
VB	0	0	0	0
AB				
RA	6	3	1	1
MAX. SPEED	45	45	45	45

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No.			
X	A	P	X	A	P	C	5	8	4



TARE	14 600 kg
CARRYING CAPACITY -	40 500 kg
CAPACITY -	
MAX. SPEED -	45 mile/h
WHEELS -	824 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS

BUFFERS -	SELF CONTAINED	381 DIA. HEADS
COUPLINGS -	INSTANTER	
MIN. CURVE	21 m.	
GEN. ARRGT. REF. No.	DI3/3791	
BRAKE -	VACUUM PIPED, HAND SCREW	
SUSPENSION	EYEBOLT	

6 SHACKLES ARE FITTED TO EACH SOLEBAR.  
2 SETS OF LOOSE BINDING CHAINS INCLUDING SCREW COUPLINGS ARE IN CHAIN BOXES.

ISSUE 1.

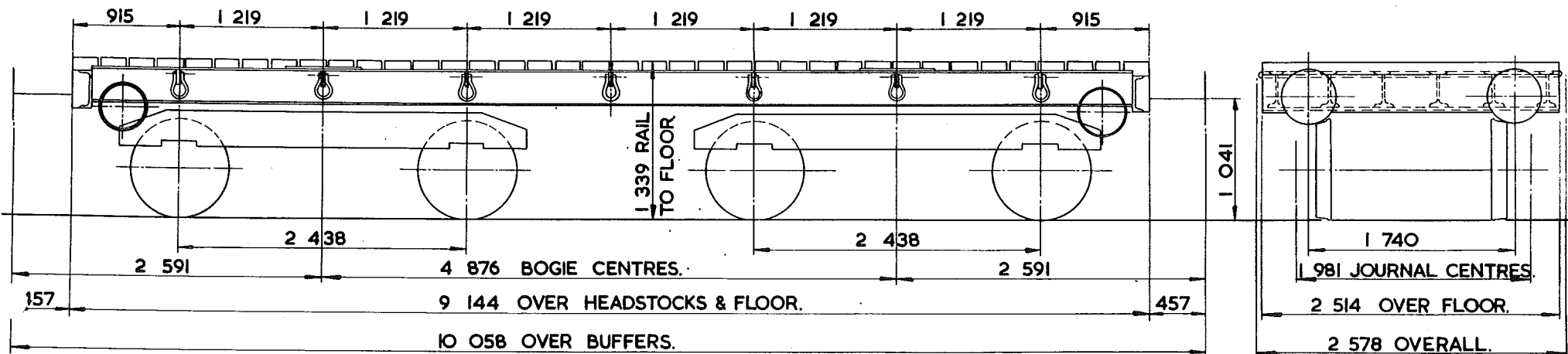
# ARMOUR PLATE WAGON

XA002A

LOT NUMBER
PART 2174
2622
PART 2651
2938
3057

EXCESS LENGTH	H	M	L	E
tonnes	72	52	31	17
VB				
AB				
RA	8	5	1	1
MAX SPEED	45	45	45	45

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No.			
X	A	Ø	X	A	Ø	D	5	8	6



TARE -	17 000 kg.
CARRYING CAPACITY -	56 000 kg.
CAPACITY -	
MAX SPEED -	45 mile/h.
WHEELS -	824 DIA.
JOURNALS -	280x140 PLAIN BEARINGS.

BUFFERS -	SELF CONTAINED 457 DIA HEAD
COUPLINGS -	B R SCREW
MIN. CURVE -	16 m.
GEN. ARRGT DRG No. -	D 13/2528.
BRAKE	HAND SCREW.
SUSPENSION -	EYEBOLT.

NOTE: THESE VEHICLES ARE ALSO USED AS CONCRETE BEAM WAGONS. SEE ALSO XCO06A & XCO15A.

7 SHACKLES ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/2

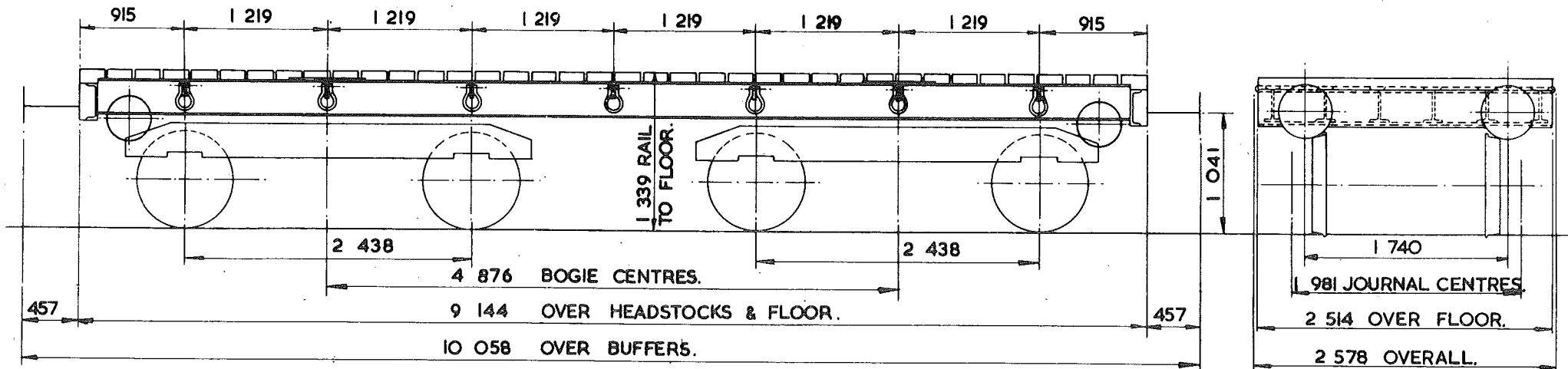
# ARMOUR PLATE WAGON.

XA002B.

LOT NUMBER
PART 2174

EXCESS LENGTH	H	M	L	E
tónnes.	72	52	31	17
VB				
AB	0	0	0	0
RA	8	5	1	1
MAX. SPEED	45	45	45	45

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No.			
X	A	Q	X	A	Q	D	5	8	7



TARE -	17 000 kg
CARRYING CAPACITY -	56 000 kg.
CAPACITY -	
MAX. SPEED -	45 m/h.
WHEELS -	824 DIA.
JOURNALS -	280x140 PLAIN BEARINGS.

BUFFERS -	SELF CONTAINED 457 DIA. HEADS.
COUPLINGS -	B.R. SCREW
MIN. CURVE -	16m.
GEN. ARRGT. DRG. No. -	D13/2528.
BRAKE -	AIR PIPED, HAND SCREW.
SUSPENSION -	EYEBOLT.

NOTE: THESE VEHICLES ARE ALSO USED AS CONCRETE BEAM WAGONS. SEE ALSO XCO15B.  
7 SHACKLES ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/2.

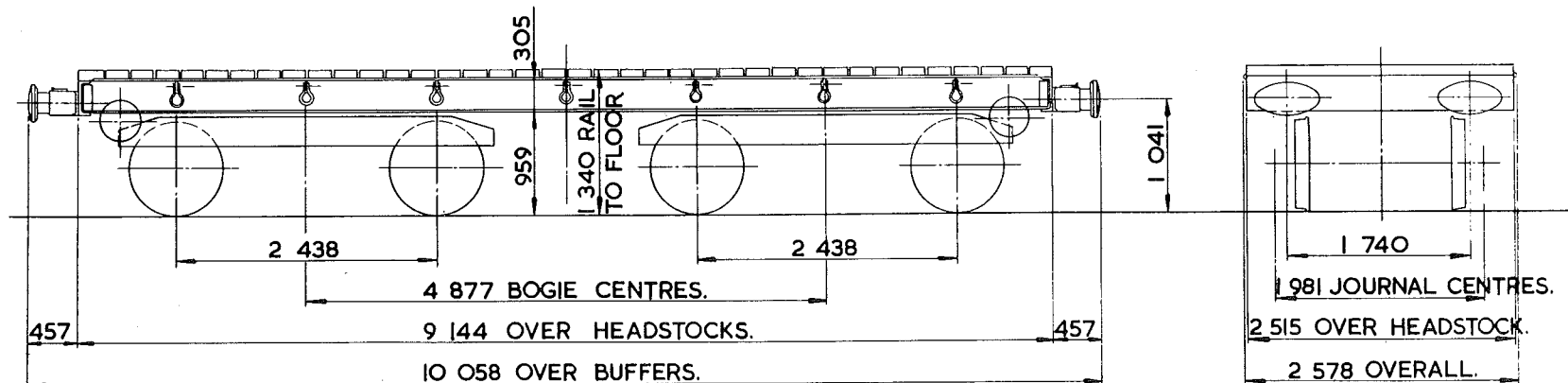
# ARMOUR PLATE WAGON

XA002C

LOT NUMBER
PART 3171

EXCESS LENGTH	H	M	L	E
tonnes	71	50	30	16
VB	0	0	0	0
AB				
RA	7	4	1	1
MAX. SPEED	35	35	35	45

TOPS CODE		
CARKND	AARKND	CLASSIFICATION
X	A	P
X	A	P
D	5	0
4		



TARE --	16 850 kg.
CARRYING CAPACITY--	56 000 kg.
CAPACITY--	
MAX. SPEED --	45 mile/h.
WHEELS --	824 DIA.
JOURNALS --	280x140 PLAIN BEARINGS.

BUFFERS	SELF CONTAINED 609 x356 OVAL HEADS.
COUPLINGS -	B.R. SCREW
MIN. CURVE -	16m.
GEN. ARRCT DRG No -	SW/DE/ 21391, SW/DE/45398.
BRAKE -	THROUGH VACUUM PIPE & HAND SCREW
SUSPENSION -	SECONDARY COIL.

**NOTE:-** THESE VEHICLES ARE ALSO USED FOR THE CARRIAGE OF CONCRETE BEAMS. SEE ALSO:- XC 006 B XC 015C

7 SHACKLES ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 3.

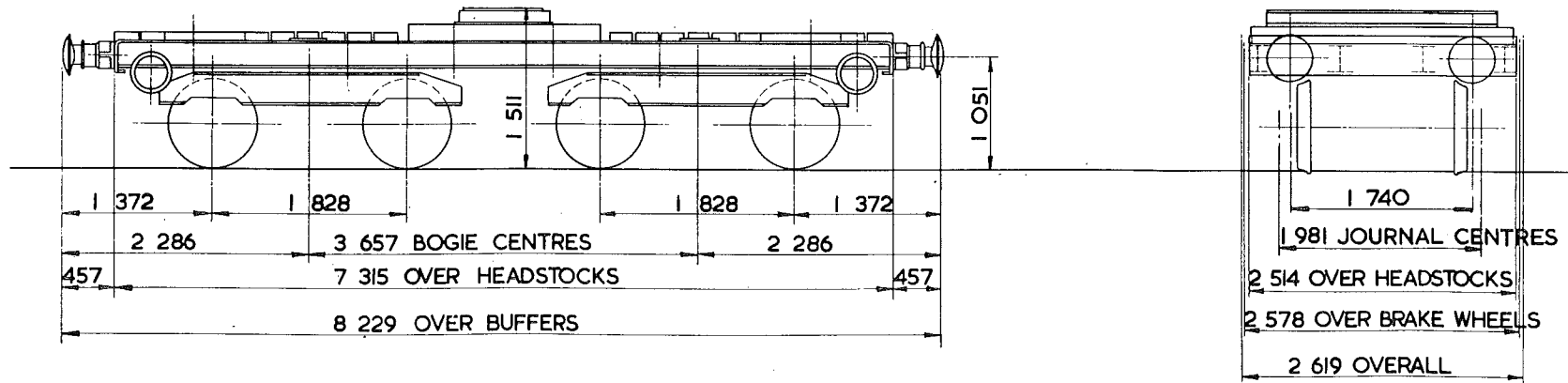
# CONCRETE BEAM CARRYING WAGON

XCOO1A

LOT NUMBER
2008
2016
2643

EXCESS LENGTH	H	M	L	E
tonnes	50	37	24	15
VB				
AB				
RA	0	0	0	0
MAX SPEED	25	25	25	35

TOPS CODE			
CARKND	AARKND		
X C Ø	X C Ø	C 7	I O 7



TARE - 14 <sup>550</sup> kg
CARRYING CAPACITY - 35 <sup>500</sup> kg.
CAPACITY -
MAX. SPEED - 25 mile/h LOADED 35 mile/h EMPTY
WHEELS - 825 DIA
JOURNALS - 280 x 140 PLAIN BEARINGS

BUFFERS - SELF CONTAINED 381 DIA HEADS
COUPLINGS - B.R. SCREW
MIN CURVE - 15m
GEN. ARRGT DRG No: 13/3791 DE 34975 F-AO-865
BRAKE - HAND SCREW
SUSPENSION - EYEBOLT

6 SHACKLES ARE FITTED TO EACH SOLEBAR.  
 2 SETS OF "LOOSE" BINDING CHAINS INCLUDING SCREW COUPLINGS ARE IN CHAIN BOXES

ISSUE 1.



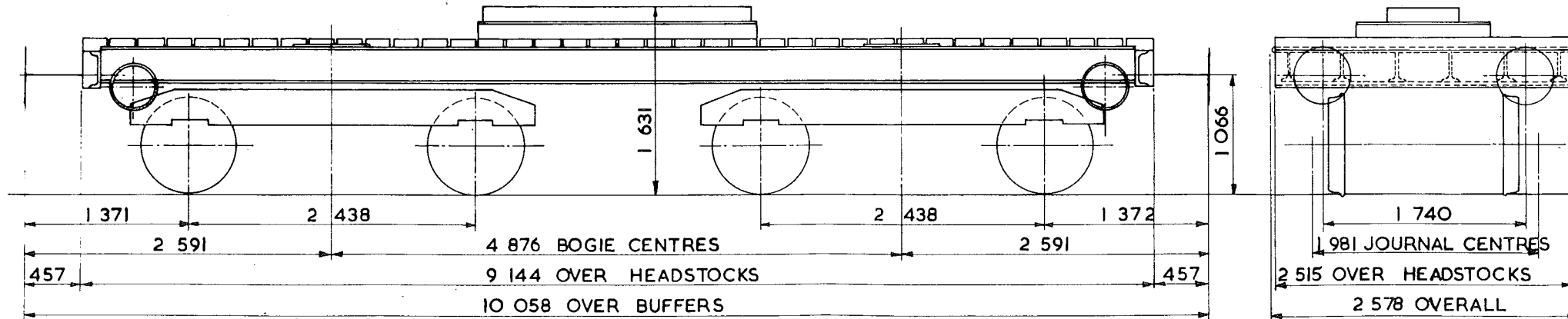
# CONCRETE BEAM CARRYING WAGON

XCO06A

LOT NUMBER
EX 2622
EX 2651

EXCESS LENGTH	H	M	L	E
TONS	44	36	24	17
VB				
AB				
RA	0	0	0	0
MAX SPEED	25	25	25	35

TOPS CODE										
CARKND		AARKND		DRAFTING PANEL NO.						
X	C	Ø	X	C	Ø	D	7	1	7	2



TARE -	17250 Kg.
CARRYING CAPACITY -	30 <sup>500</sup> Kg.
CAPACITY -	
MAX. SPEED -	25 mile/h LOADED, 35 mile/h EMPTY
WHEELS -	825 DIA.
JOURNALS -	280 x 140 PLAIN BEARINGS

BUFFERS -	SELF CONTAINED 457 DIA HEADS
COUPLINGS -	B.R. SCREW
MIN. CURVE -	16 m
GEN. ARRGT. DRG. No. -	13/2528, SW/DE/21391, YK/CFD/36
BRAKE	HAND SCREW
SUSPENSION -	EYEBOLT

NOTE: THESE VEHICLES ARE ALSO USED AS ARMOUR PLATE WAGONS SEE ALSO XA 002A

7 SHACKLES ARE FITTED TO EACH SOLEBAR

ISSUE 1.

EX. B.R. DIAGRAM 2/800

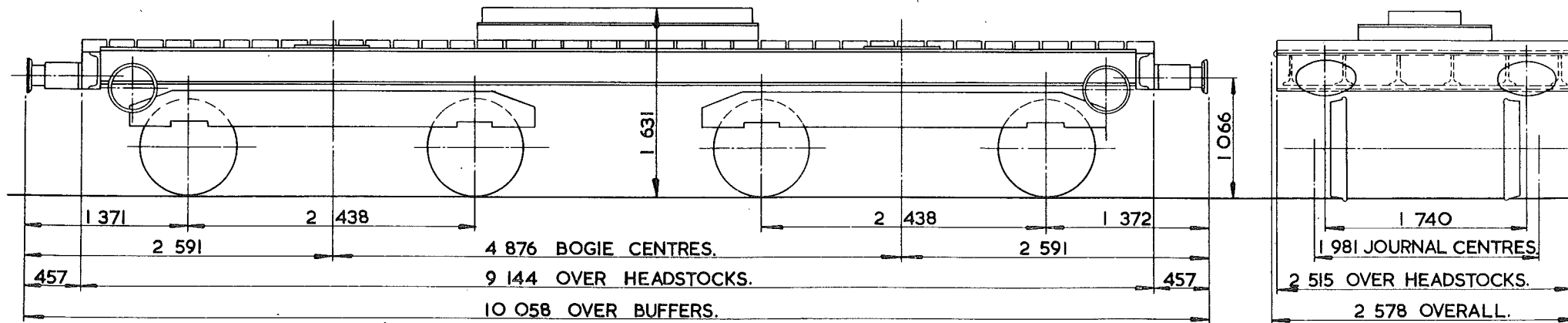
# CONCRETE BEAM CARRYING WAGON

XCO06B

LOT NUMBER
EX 3171

EXCESS LENGTH	H	M	L	E
tonnes	44	36	24	17
VB	0	0	0	0
AB				
RA	0	0	0	0
MAX SPEED	25	25	25	35

TOPS CODE										
CARKND			AARKND			OPERATING PARTS				
X	C	P	X	C	P	D	7	1	1	3



TARE	17250kg.
CARRYING CAPACITY -	30500kg.
CAPACITY-	
MAX. SPEED	20mile/h LOADED, 35 mile/h EMPTY.
WHEELS	825 DIA.
JOURNALS	280 x 140 PLAIN BEARINGS.

BUFFERS	SELF CONTAINED 609x355 OVAL HEADS
COUPLINGS	BR SCREW
MIN. CURVE	16m.
GEN ARRGT DRG No -	13/2525, SW/DE/21391, YK/CFD/36.
BRAKE	VACUUM PIPE, HAND SCREW.
SUSPENSION -	EYEBOLT.

NOTE: THESE VEHICLES ARE ALSO USED AS ARMOUR PLATE WAGONS  
SEE ALSO XA 002C  
7 SHACKLES ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

EX. B.R. DIAGRAM 2/800.

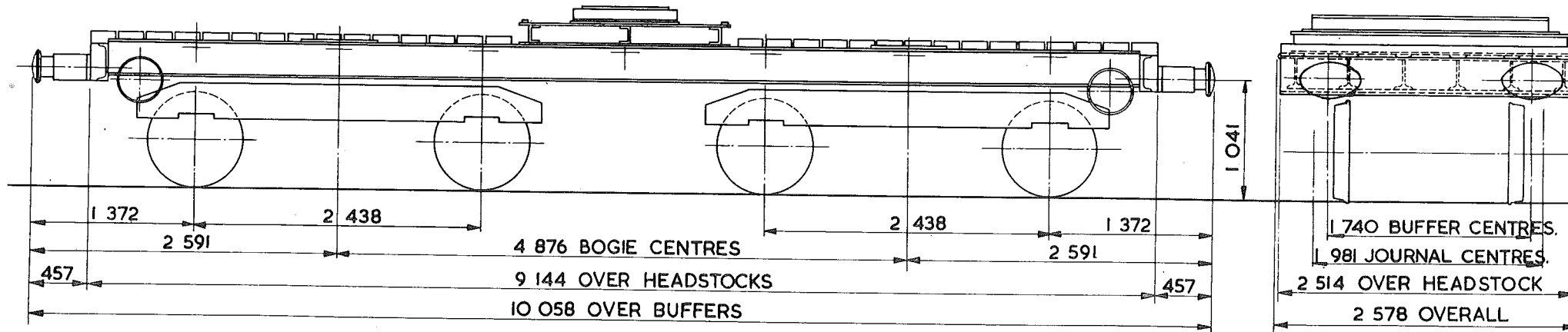
# CONCRETE BEAM CARRYING WAGON

XCO09A

LOT NUMBER
EX 2622
EX 3171

EXCESS LENGTH	H	M	L	E
tonnes	72	52	31	17
VB				
AB				
RA	8	5	1	1
MAX. SPEED	25	25	25	35

TOPS CODE		
CARKND	AARKND	OPERATING PANEL
X C Ø	X C Ø	D O 5 B Ø



TARE	15850 kg
CARRYING CAPACITY	35500kg.
CAPACITY-	
MAX SPEED	25 mile/h LOADED 35 mile/h EMPTY
WHEELS	825 DIA.
JOURNALS	280 x 140 PLAIN BEARINGS

BUFFERS	SELF CONTAINED 609x356 OVAL HEADS
COUPLINGS	B.R. SCREW
MIN. CURVE	16 m
GEN. ARRGT. DRG. No.	SW/DE/21391,DI3/2528,F-AO-905
BRAKE	HAND SCREW
SUSPENSION	EYEBOLT

7 SHACKLES ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

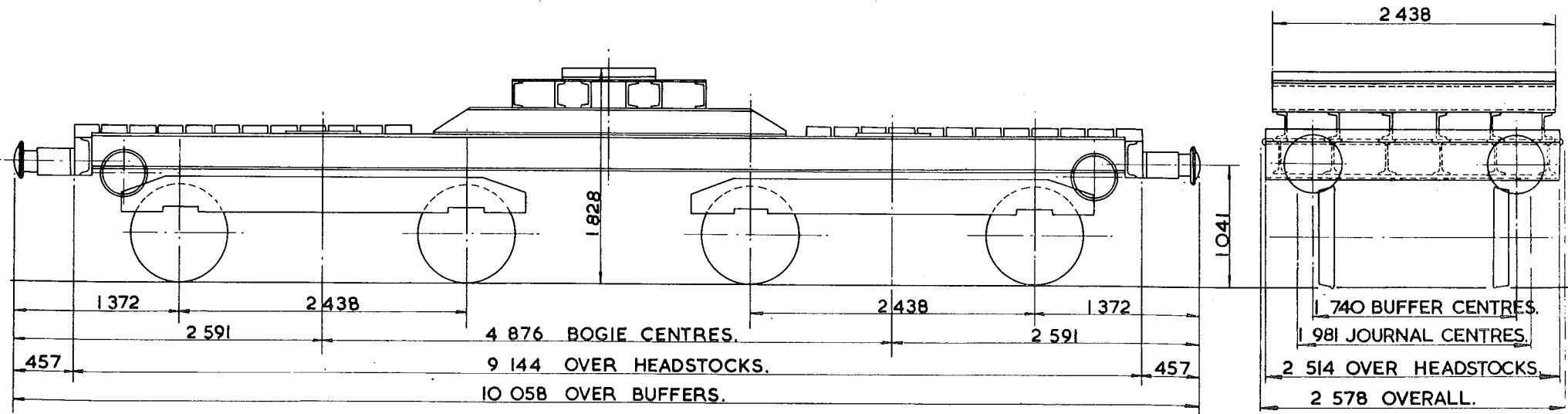
# CONCRETE BEAM CARRYING WAGON.

XCO10A

LOT NUMBER
2174

EXCESS LENGTH	H	M	L	E
tonnes.	72	52	31	17
VB				
AB				
RA	8	5	1	1
MAX SPEED	25	25	25	35

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No				
X	C	Ø	X	C	Ø	D	7	1	6	9



TARE -	17273kg.
CARRYING CAPACITY -	35500kg.
CAPACITY -	
MAX. SPEED -	25 mile/h LOADED. 35 mile/h EMPTY.
WHEELS -	825 DIA.
JOURNALS -	280x140 PLAIN BEARING.

BUFFERS -	SELF CONTAINED CONVEYOR OVAL HEADS
COUPLINGS -	B.R. SCREW.
MIN. CURVE -	15m.
GEN. ARRGT. DRG. No. -	13/2528, DN.433272.
BRAKE -	HAND SCREW.
SUSPENSION -	EYEBOLT.

7 SHACKLES ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

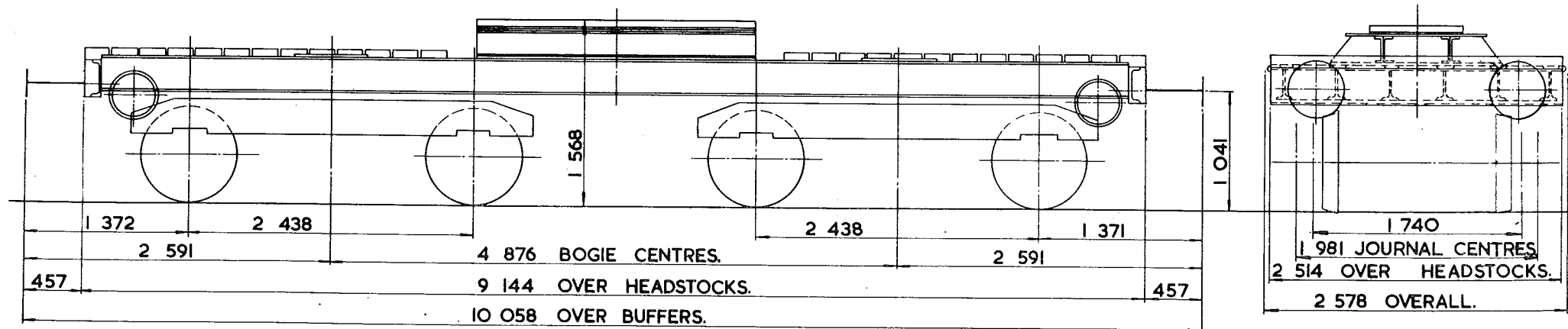
# CONCRETE BEAM CARRYING WAGON

XCO15A

LOT NUMBER
EX 2174
EX 2622
EX 2651

EXCESS LENGTH	H	M	L	E
tonnes	50	37	24	15
VB				
AB				
RA	0	0	0	0
MAX. SPEED	25	25	25	35

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No.				
X	C	Ø	X	C	Ø	D	7	1	7	7



TARE -17273 kg.
CARRYING CAPACITY-40500kg.
CAPACITY-
MAX. SPEED - 25 mile/h LOADED. 35 mile/h EMPTY.
WHEELS -824 DIA.
JOURNALS -280x140 PLAIN BEARINGS.

BUFFERS -SELF CONTAINED 457 DIA. HEADS.
COUPLINGS B.R. SCREW
MIN. CURVE -15 m.
GEN. ARRGT. DRG. No. -SW/DE/21391,DY/F-AO-42,D13/2528.
BRAKE -HAND SCREW.
SUSPENSION -EYEBOLT.

NOTE:  
THESE VEHICLES ARE ALSO  
USED ARMOUR PLATE WAGONS  
SEE ALSO XA 002A

7 SHACKLES ARE FITTED TO EACH  
SOLEBAR.

ISSUE I.

EX. B.R. DIAGRAM 2/801.

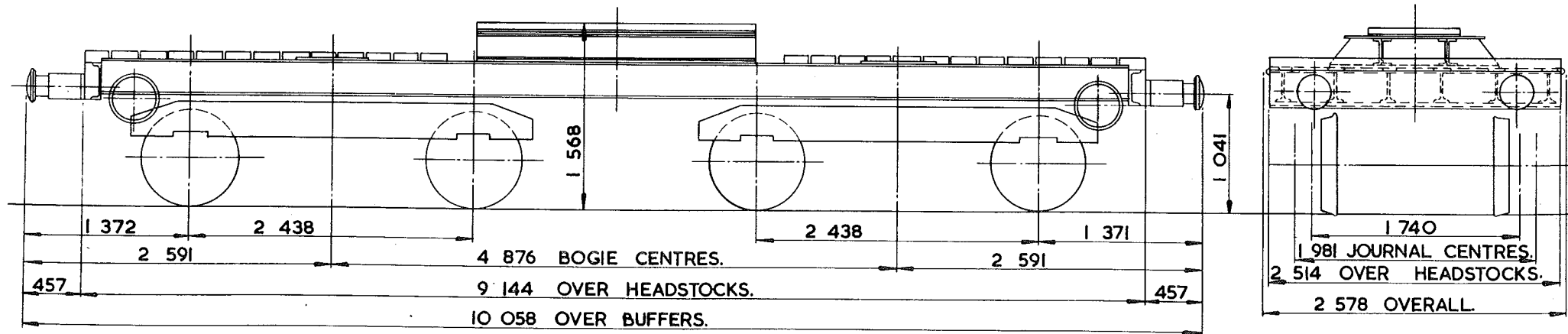
# CONCRETE BEAM CARRYING WAGON

XC 015B

LOT NUMBER
EX 2174

EXCESS LENGTH	H	M	L	E
tonnes	50	37	24	17
VB				
AB	0	0	0	0
RA	0	0	0	0
MAX. SPEED	25	25	25	35

TOPS CODE										
CARKND		AARKND		OPERATING PANEL No.						
X	C	Q	X	C	Q	D	7	1	7	6



TARE -	17273kg.
CARRYING CAPACITY -	40500kg.
CAPACITY -	
MAX. SPEED -	25 mile/h LOADED. 35 mile/h EMPTY.
WHEELS -	824 DIA.
JOURNALS -	280x140 PLAIN BEARINGS.

BUFFERS -	SELF CONTAINED 457 DIA. HEADS.
COUPLINGS -	BR SCREW
MIN. CURVE -	15m.
GEN. ARRGT. DRG. No. -	DY/F-AO-42, D13/2528
BRAKE -	AIR PIPE, HAND SCREW.
SUSPENSION -	EYEBOLT.

NOTE:  
THESE VEHICLES ARE ALSO  
USED ARMOUR PLATE WAGONS  
SEE ALSO

XA 002B

7 SHACKLES ARE FITTED TO EACH  
SOLEBAR.

ISSUE 1.

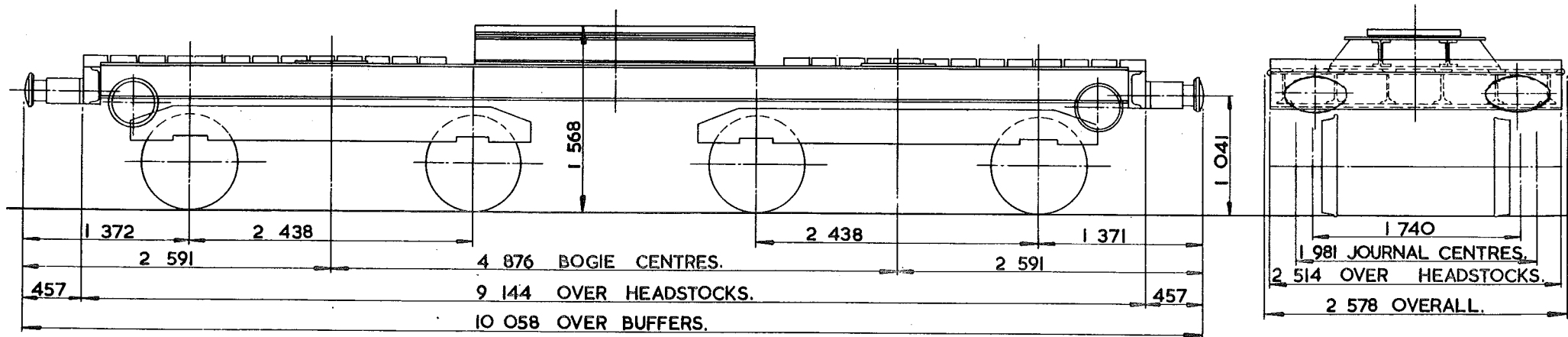
# CONCRETE BEAM CARRYING WAGON

XCO15C

LOT NUMBER
3171

EXCESS LENGTH	H	M	L	E
tonnes	50	37	24	17
VB	0	0	0	0
AB				
RA	0	0	0	0
MAX SPEED	25	25	25	35

TOPS CODE										
CARKND		AARKND			OPERAT NO. PANEL No					
X	C	P	X	C	P	D	7	1	7	1



TARE -	17273kg.
CARRYING CAPACITY -	40500kg.
CAPACITY -	
MAX. SPEED -	25 mile/h LOADED, 35 mile/h EMPTY.
WHEELS -	824 DIA.
JOURNALS -	280x140 PLAIN BEARINGS.

BUFFERS -	SELF CONTAINED 609x355 OVAL HEADS.
COUPLINGS	BR SCREW
MIN. CURVE -	15m.
GEN ARRGT DRG. No. -	SW/DE/2139, DY/F-AO-42, D13/2528.
BRAKE -	VACUUM PIPE, HAND SCREW.
SUSPENSION -	EYEBOLT.

NOTE:  
THESE VEHICLES ARE ALSO  
USED ARMOUR PLATE WAGONS  
SEE ALSO

XA 002C

7 SHACKLES ARE FITTED TO EACH  
SOLEBAR.

ISSUE 1.

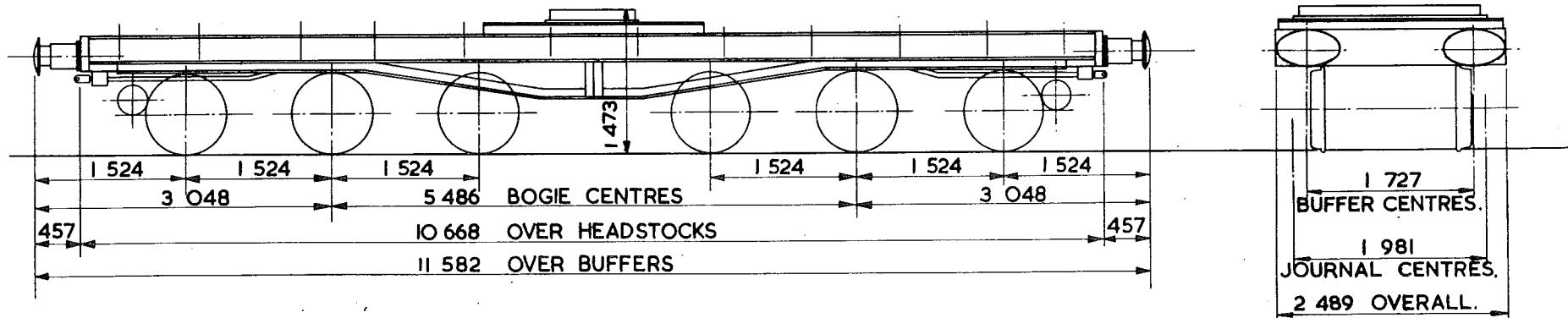
# CONCRETE BEAM CARRYING WAGON

XC O20A

LOT NUMBER
<b>EX 2285</b>

EXCESS LENGTH	H	M	L	E
tonnes	73	55	36	23
VB				
AB				
RA	0	0	0	0
MAX SPEED	25	25	25	35

TOPS CODE										
CARKND		AARKND		OPERATING PANEL No.						
X	C	Ø	X	C	Ø	F	7	1	1	0



TARE - 23 000 kg.
CARRYING CAPACITY - 51 000 kg.
CAPACITY -
MAX. SPEED - 25 mile/h LOADED 35 mile/h EMPTY
WHEELS - 824 DIA.
JOURNALS - 280 x 140 PLAIN BEARINGS

BUFFERS - SELF CONTAINED 406 DIA. HEAD.
COUPLINGS - B.R. SCREW
MIN CURVE - 26 m.
GEN. ARRGT. DRG. No. - 9828 D. F-AO-910
BRAKE - HAND SCREW
SUSPENSION - EYEBOLT AUXILIARY RUBBERS

ISSUE 1.

EX. B. R. DIAGRAM 2/804.



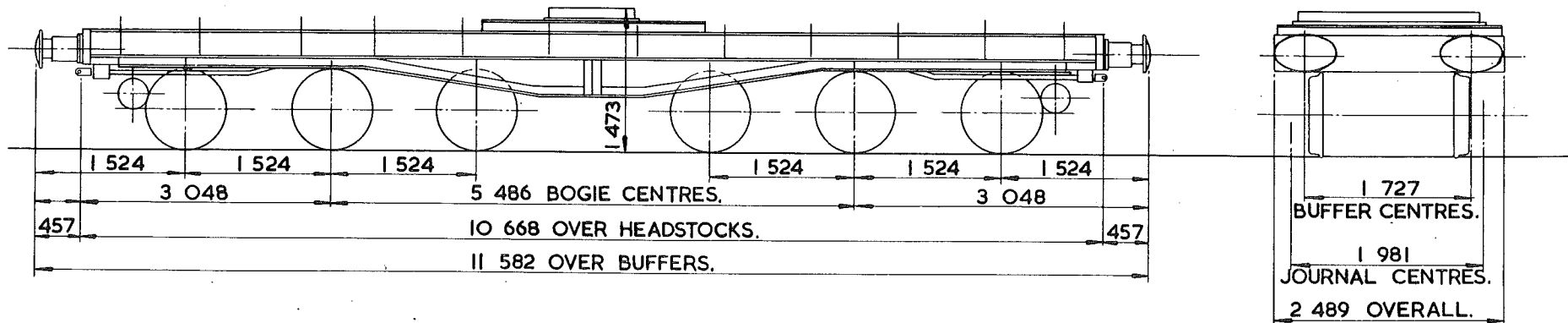
# CONCRETE BEAM CARRYING WAGON

XC O2OB

LOT NUMBER
EX 3151

EXCESS LENGTH	H	M	L	E
tonnes	73	55	36	23
VB				
AB				
RA	0	0	0	0
MAX. SPEED	25	25	25	35

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No				
X	C	Ø	X	C	Ø	E	7	1	1	0



TARE --	23 000 kg.
CARRYING CAPACITY --	51 000 kg.
CAPACITY --	
MAX. SPEED --	25 mile/h LOADED. 35 mile/h EMPTY.
WHEELS --	824 DIA.
JOURNALS --	124 DIA. ROLLER BEARINGS.

BUFFERS --	SELF CONTAINED 609 X 356 OVAL HEADS
COUPLINGS --	BR SCREW
MIN CURVE --	26m.
GEN. ARRGT. DRG. No. --	DN22181, F-AO-910.
BRAKE --	HAND SCREW.
SUSPENSION --	EYEBOLT AUXILIARY RUBBERS.

ISSUE 1.

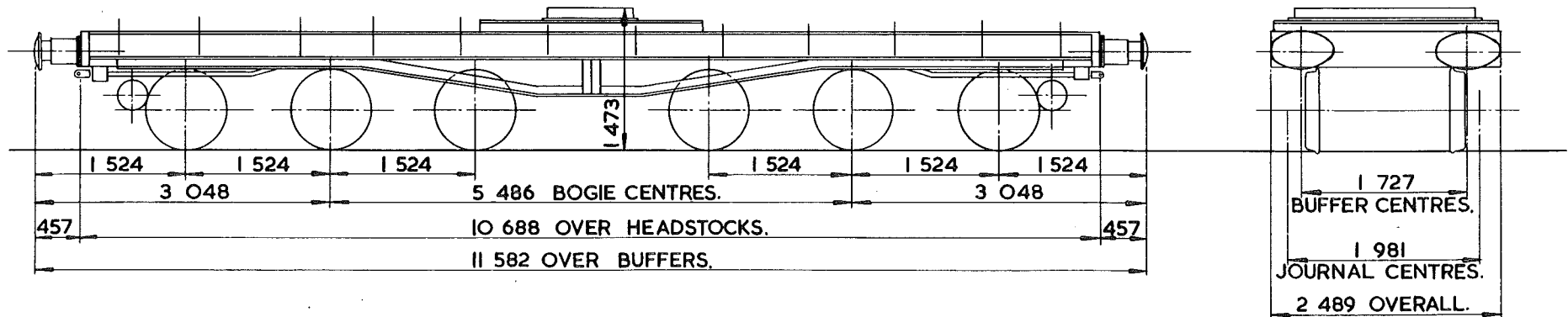
# CONCRETE BEAM CARRYING WAGON

XC O20C

LOT NUMBER
EX 3151

EXCESS LENGTH	H	M	L	E
tonnes	73	55	36	23
VB	0	0	0	0
AB				
RA	0	0	0	0
MAX. SPEED	25	25	25	35

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No.				
X	C	P	X	C	P	E	7	1	1	2



TARE --	23 000 kg.
CARRYING CAPACITY --	51 000 kg.
CAPACITY --	
MAX. SPEED --	25 mile/h LOADED. 35 mile/h EMPTY.
WHEELS --	824 DIA.
JOURNALS --	124 ROLLER BEARINGS.

BUFFERS --	SELF CONTAINED 609 x 356 OVAL HEADS.
COUPLINGS --	B.R. SCREW.
MIN. CURVE --	26m.
GEN. ARRGT. DRG. No. --	DN22181, F-AO-910.
BRAKE --	VACUUM PIPE & HAND SCREW.
SUSPENSION --	EYEBOLT AUXILIARY RUBBERS.

ISSUE 1.

# CONCRETE BEAM CARRYING WAGON

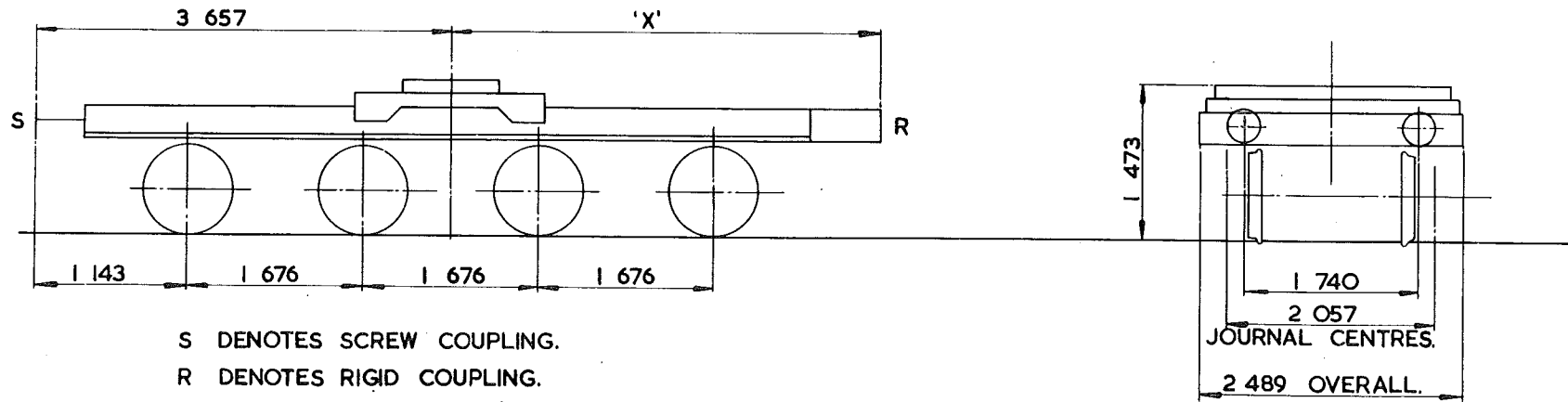
XCO28A

LOT NUMBER

EXCESS LENGTH	H	M	L	E
tonnes	50	37	24	15
VB				
AB				
RA	0	0	0	0
MAX. SPEED	25	25	25	35

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No				
X	C	Ø	X	C	Ø	G	7	1	0	7

909600	DIM <sup>N</sup> . 'X'	3 886	} 2 SETS.
909601	DIM <sup>N</sup> . 'X'	3 886	
909650	DIM <sup>N</sup> . 'X'	3 886	
909651	DIM <sup>N</sup> . 'X'	3 962	



TARE -	29450kg. (1 SET).
CARRYING CAPACITY-	71000kg. (1 SET).
CAPACITY-	
MAX. SPEED --	25 mile/h LOADED. 30 mile/h EMPTY.
WHEELS --	838 DIA.
JOURNALS --	330x178 PLAIN BEARINGS.

BUFFERS --	SPINDLE 330 DIA. HEADS.
COUPLINGS --	B. R. SCREW & RIGID COUPLER.
MIN. CURVE --	
GEN. ARRGT. DRG. No. --	-15915 D, F-S-935.
BRAKE --	HAND SCREW.
SUSPENSION --	COIL.

ISSUE I.

# CONCRETE BEAM CARRYING WAGON

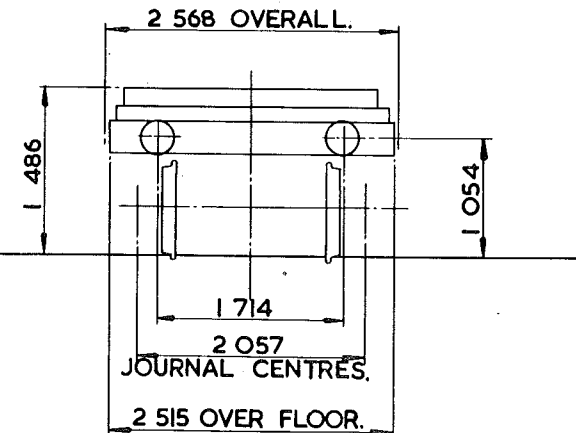
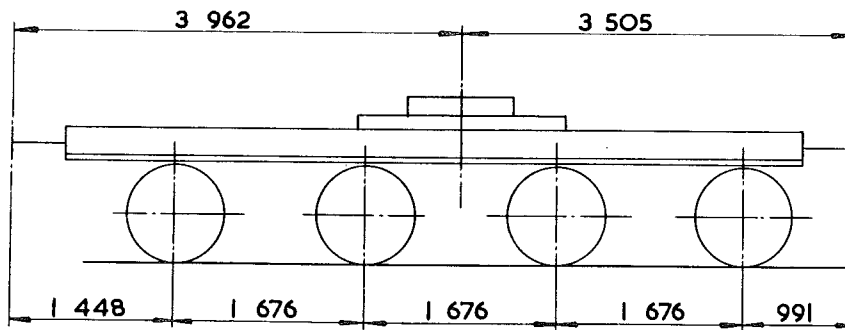
XCO33A

LOT NUMBER

909602 }  
909652 } 1 SET.

EXCESS LENGTH	H	M	L	E
tonnes	43	31	19	11
VB				
AB				
RA	0	0	0	0
MAX. SPEED	25	25	25	35

TOPS CODE										
CARKND		AARKND			OPERATING PANEL No					
X	C	Ø	X	C	Ø	H	7	1	2	6



TARE -	33450 kg. (1 SET.)
CARRYING CAPACITY-	71000kg. (1 SET.)
CAPACITY-	
MAX. SPEED -	25 mile/h LOADED. 35 mile/h EMPTY.
WHEELS -	838 DIA.
JOURNALS -	330x178 PLAIN BEARINGS.

BUFFERS -	SPINDLE 330 DIA. HEADS.
COUPLINGS -	B.R. SCREW.
MIN. CURVE -	
GEN. ARRGT. DRG. No. -	13757D.F-S-935.
BRAKE -	HAND SCREW.
SUSPENSION -	COIL.

ISSUE 1.

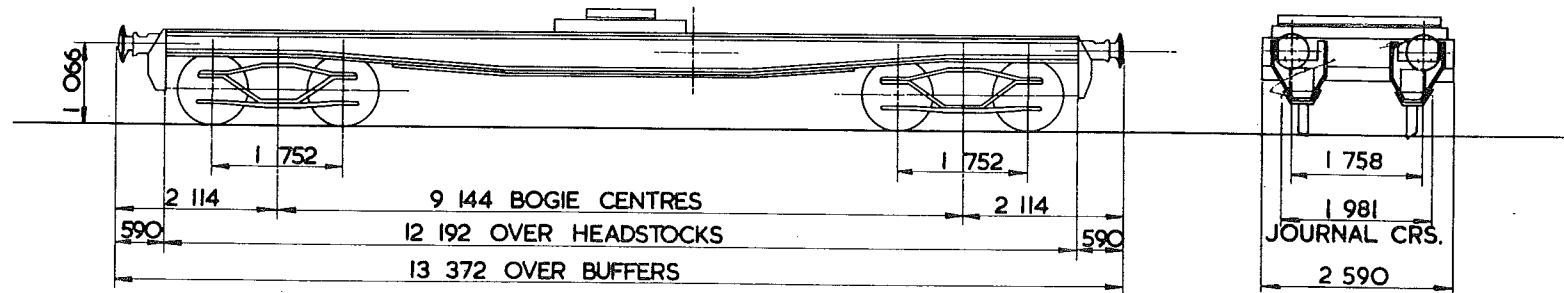
# CONCRETE BEAM CARRYING WAGON

XCO37A

LOT NUMBER
3417

EXCESS LENGTH	H	M	L	E
tonnes	73	55	36	23
VB				
AB				
RA	0	0	0	0
MAX. SPEED	25	25	25	35

TOPS CODE										
CARKND		AARKND			OPERATING PANEL No					
X	C	Ø	X	C	Ø	K	7	1	1	2



TARE - 19800 kg
CARRYING CAPACITY - 35500 kg.
CAPACITY -
MAX. SPEED - 25 mile/h LOADED 35 mile/h EMPTY
WHEELS - 914 DIA
JOURNALS - 280 x 140 PLAIN BEARINGS

BUFFERS - SELF CONTAINED 400 DIA HEADS
COUPLINGS - B.R. SCREW
MIN. CURVE - 37m
GEN. ARRG. DRG. No. - I15985, F-AO-865
BRAKE - HAND SCREW
SUSPENSION - PRIMARY COIL

ISSUE 1.

EX. B.R. DIAGRAM 2/804.

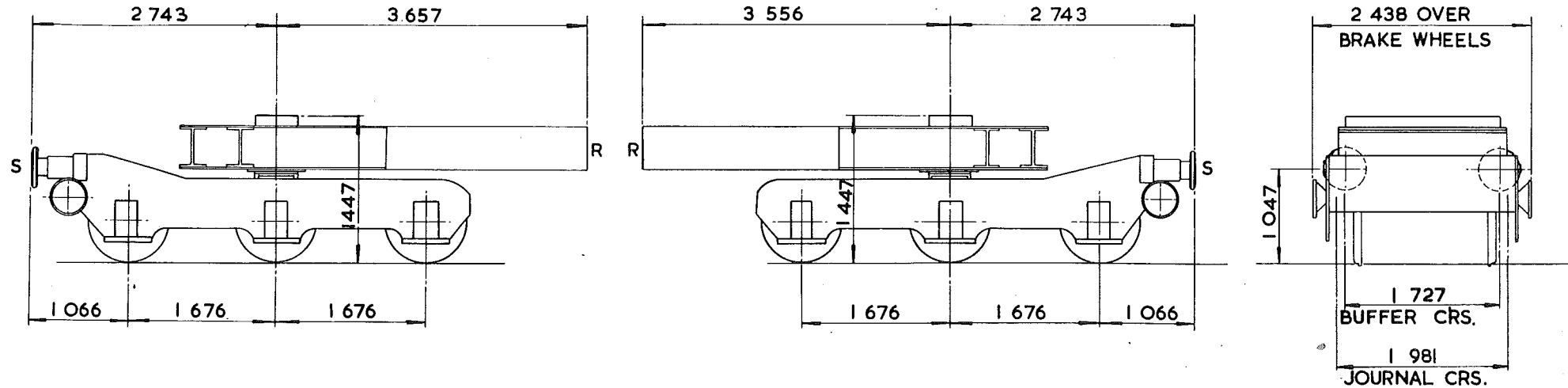
# CONCRETE BEAM CARRYING WAGON

XCO46A

LOT NUMBER
EX 1070

EXCESS LENGTH	H	M	L	E
tonnes	42	30	18	10
VB				
AB				
RA	0	0	0	0
MAX. SPEED	25	25	25	35

TOPS CODE										
CARKND			AARKND			OPERATING PANFL No.				
X	C	Ø	X	C	Ø	L	7	1	3	9



S DENOTES SCREW COUPLING  
R DENOTES RIGID COUPLING

TARE - 9 652 kg
CARRYING CAPACITY - 32 500 kg.
CAPACITY -
MAX. SPEED - 25 mile/h LOADED 35 mile/h EMPTY
WHEELS - 914 DIA.
JOURNALS - 254 x 140 PLAIN BEARINGS

BUFFERS - 457 DIA SELF CONTAINED
COUPLINGS - BR SCREW & RIGID COUPLER.
MIN. CURVE -
GEN. ARRGT. DRG. No. - I2496N, F-S-887 DE 38608
BRAKE - HAND SCREW
SUSPENSION - EYEBOLT

ISSUE 1.

# CONCRETE BEAM CARRYING WAGON

XCO52A

LOT NUMBER
EX 3074

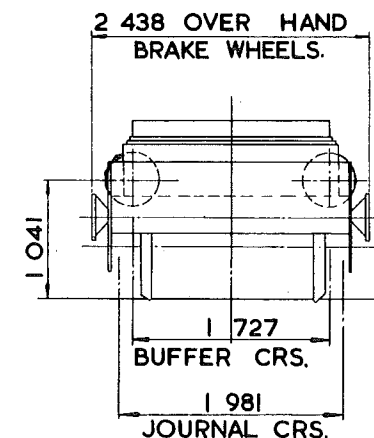
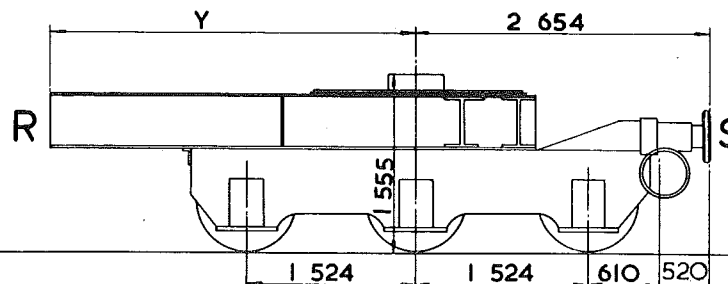
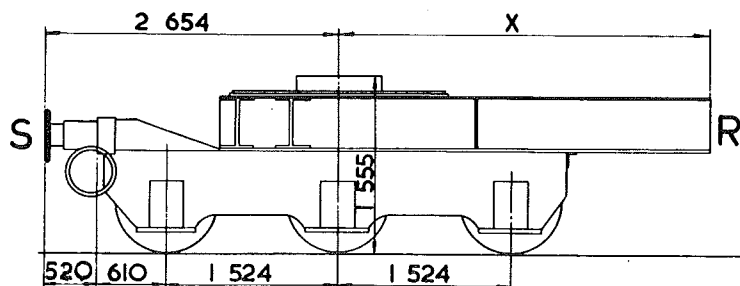
EXCESS LENGTH	H	M	L	E
tonnes	43	31	19	11
VB				
AB				
RA	0	0	0	0
MAX. SPEED	25	25	25	35

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No				
X	C	Ø	X	C	Ø	M	7	1	5	2

DIMENSION X		
909603	3	200
909604	3	276
909605	3	302
909606	3	327
909607	3	200

DIMENSION Y		
909653	3	225
909654	3	327
909655	3	276
909656	3	251
909657	3	302

**S** DENOTES SCREW COUPLING.  
**R** DENOTES RIGID COUPLING.



TARE - 10150 kg.
CARRYING CAPACITY - 32500 kg.
CAPACITY -
MAX. SPEED - 25 mile/h LOADED. 35 mile/h EMPTY.
WHEELS - 914 DIA.
JOURNALS - 254 x 140 PLAIN BEARINGS.

BUFFERS - SELF CONTAINED 457 DIA HEADS.
COUPLINGS - BR SCREW & RIGID COUPLER.
MIN. CURVE -
GEN. ARRGT. DRG. No. - 12408N F-S-884, F-AO-911.
BRAKE - HAND SCREW.
SUSPENSION - EYEBOLT.

ISSUE I.

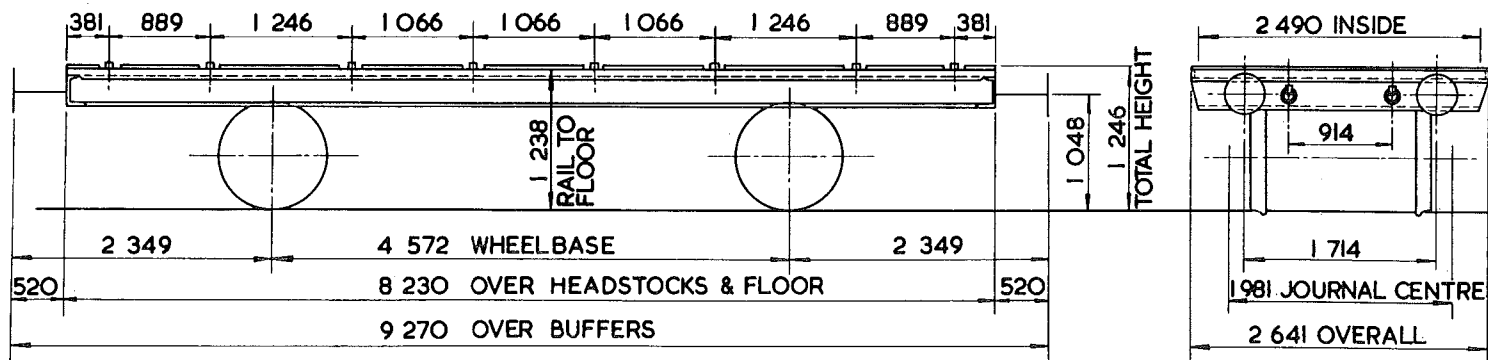
# FLAT WAGON

XDOO1B

LOT NUMBER
3004

EXCESS LENGTH	5	H	M	L	E
tonnes	20	16	11	8	
VB	5	5	5	5	
AB					
RA	1	1	1	1	
MAX SPEED	60	60	60	60	

TOPS CODE								
CARKND			AARKND			OPERATING PANEL N.		
X	D	V	X	D	V	F	7	1
							3	1



TARE -	7700 kg
CARRYING CAPACITY -	12000 kg
CAPACITY -	
MAX. SPEED -	60 mile/h
WHEELS -	952 DIA.
JOURNALS -	228 x 108 PLAIN BEARINGS

BUFFERS -	SPINDLE 356 DIA. HEADS
COUPLINGS -	INSTANTER
MIN. CURVE -	31m.
GEN. ARRGT. DRG No -	DN 20092
BRAKE -	VACUUM BLOCK, HAND LEVER
SUSPENSION -	SHOE

8 SHACKLES ARE FITTED TO EACH SOLEBAR & 2 SHACKLES FITTED TO EACH HEADSTOCK.

ISSUE 1.



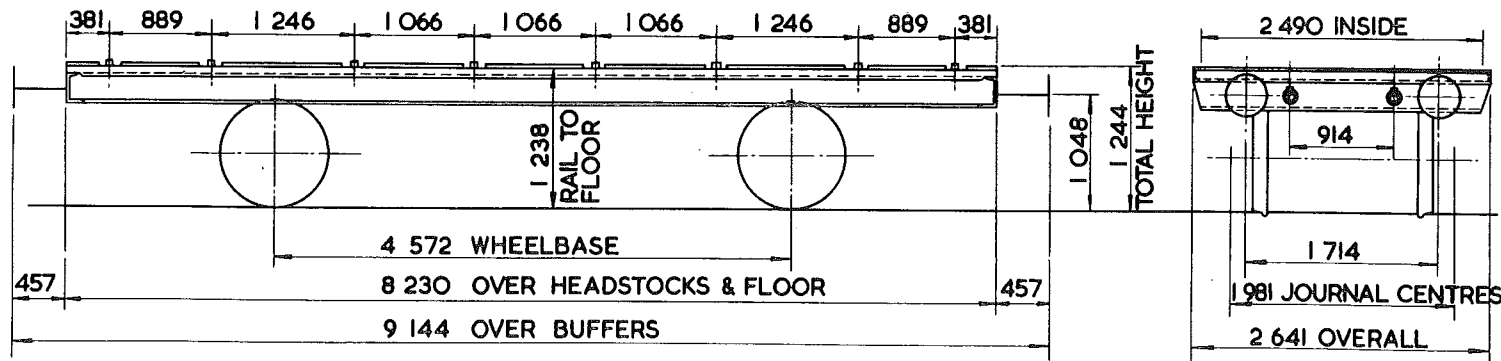
# FLAT WAGON

XDOO1C

LOT NUMBER
3123

EXCESS LENGTH	5	H	M	L	E
tonnes	20	16	11	8	
VB	5	5	5	5	
AB					
RA	1	1	1	1	
MAX. SPEED	60	60	60	60	

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No				
X	D	V	X	D	V	F	7	1	3	1



TARE -	7700kg
CARRYING CAPACITY-	12000kg
CAPACITY-	
MAX. SPEED	60 mile/h
WHEELS -	952 DIA.
JOURNALS -	228 x 108 PLAIN BEARINGS

BUFFERS -	SPINDLE 406 DIA. HEADS
COUPLINGS -	INSTANTER
MIN. CURVE -	31m.
GEN. ARRGT. DRG. No. -	DN 27583
BRAKE -	VACUUM BLOCK, HAND LEVER
SUSPENSION -	SHOE

8 LASHING RINGS ARE FITTED TO EACH SOLEBAR & 2 LASHING RINGS ARE FITTED TO EACH HEADSTOCK

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/72

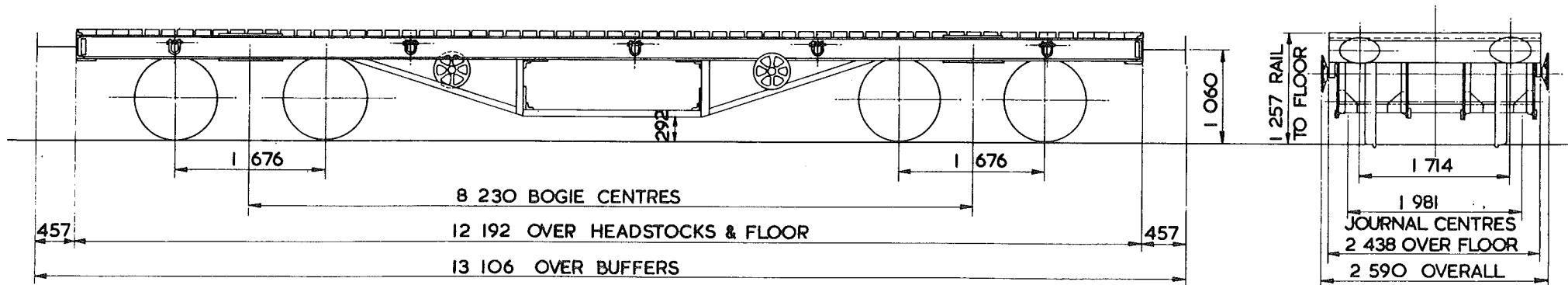
# FLAT WAGON

XFOO1A

LOT NUMBER
PART 2944
PART 3044

EXCESS LENGTH	H	M	L	E
tonnes	61	44	27	16
VB				
AB				
RA	3	1	1	1
MAX. SPEED	50	50	50	50

TOPS CODE									
CARKND		AARKND			OPERATING PANEL No.				
X	F	Ø	X	F	Ø	F	5	1	0



TARE -	16 050 kg
CARRYING CAPACITY -	46 000 kg
CAPACITY -	
MAX. SPEED -	50 mile/h
WHEELS -	952 DIA.
JOURNALS -	254x127 PLAIN BEARINGS.

BUFFERS -	SPINDLE 457x305 OVAL HEADS.
COUPLINGS -	INSTANTER
MIN. CURVE -	22 m
GEN. ARRGT. DRG. No. -	DN 20560
BRAKE -	HAND SCREW
SUSPENSION -	SECONDARY COIL

5 SHACKLES ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/74.

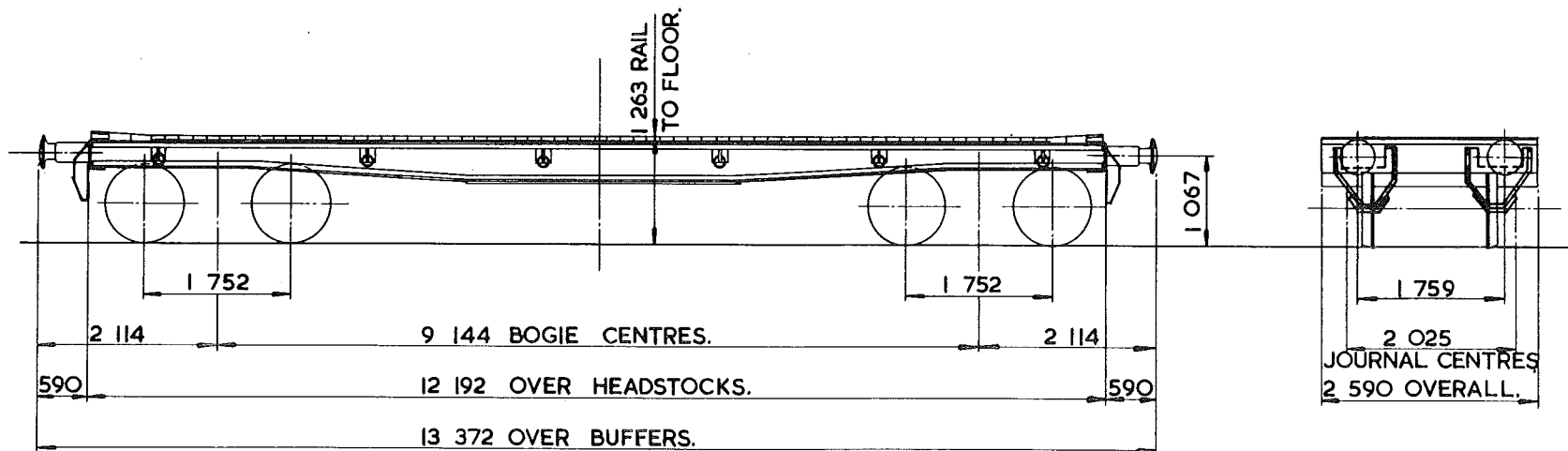
# FLAT WAGON

XFOO2A

LOT NUMBER
3416

EXCESS LENGTH	I	H	M	L	E
tonnes	70	51	32	20	
VB					
AB					
RA	5	2	1	1	
MAX. SPEED	45	45	45	45	

TOPS CODE										
CARKND		AARKND			OPERATING PANEL No					
X	F	Ø	X	F	Ø	H	O	5	O	7



TARE -	19550 kg.
CARRYING CAPACITY -	51000 kg.
CAPACITY -	
MAX. SPEED -	45 mile/h.
WHEELS -	914 DIA.
JOURNALS -	280x140 PLAIN BEARINGS.

BUFFERS -	SELF CONTAINED 400 DIA. HEADS.
COUPLINGS -	SCREW.
MIN. CURVE -	37m.
GEN. ARRGT. DRG. No. -	142945
BRAKE -	HAND SCREW.
SUSPENSION -	SECONDARY COIL.

6 LASHING RINGS ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 73.

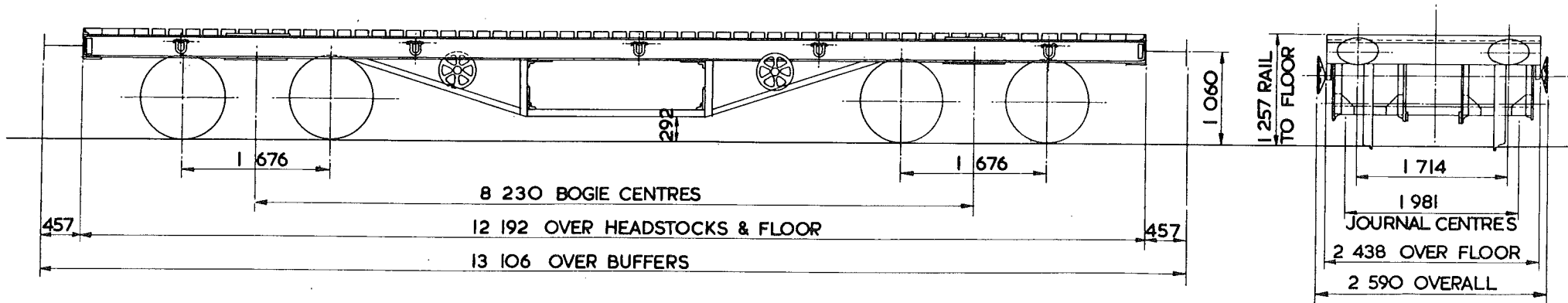
# FLAT WAGON

XFOO1B

LOT NUMBER
PART 2944
PART 3044

EXCESS LENGTH	I	H	M	L	E
tonnes	61	44	27	16	
VB					
AB	0	0	0	0	
RA	3	1	1	1	
MAX. SPEED	50	50	50	50	

TOPS CODE								
CARKND			AARKND			OPERATING PANEL No.		
X	F	Q	X	F	Q	F	5	13



TARE -	16 050 kg
CARRYING CAPACITY -	46 000 kg
CAPACITY -	
MAX. SPEED -	50 mile/h
WHEELS -	952 DIA.
JOURNALS -	254 x 127 PLAIN BEARINGS

BUFFERS -	SPINDLE 457x305 OVAL HEADS.
COUPLINGS -	INSTANTER
MIN. CURVE -	22m
GEN. ARRGT. DRG. No. -	DN 20560
BRAKE -	AIR PIPE & HAND SCREW
SUSPENSION -	SECONDARY COIL

5 SHACKLES ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

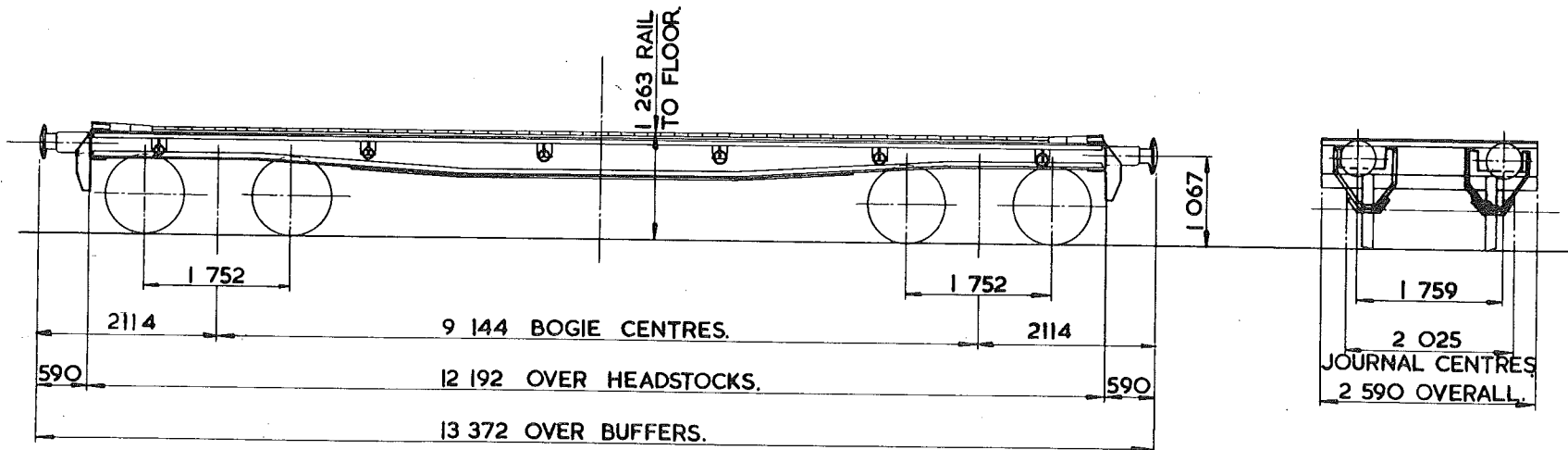
# FLAT WAGON

XFOO2B

LOT NUMBER
3416

EXCESS LENGTH	I	H	M	L	E
tonnes	70	51	32	20	
VB	9	9	9	9	
AB					
RA	5	2	1	1	
MAX. SPEED	50	50	50	50	

TOPS CODE											
CARKND				AARKND				OPERATING PANEL No.			
X	F	V	X	F	V	H	5	0	9		



TARE -	19550 kg.
CARRYING CAPACITY -	51000 kg.
CAPACITY -	
MAX. SPEED -	50 mile/h.
WHEELS -	914 DIA.
JOURNALS -	280x140 PLAIN BEARINGS.

BUFFERS -	SELF CONTAINED 400 DIA. HEADS.
COUPLINGS -	SCREW.
MIN. CURVE -	37m.
GEN. ARRGT. DRG. No. -	142945
BRAKE -	VACUUM BLOCK, HAND SCREW.
SUSPENSION -	SECONDARY COIL.

6 LASHING RINGS ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

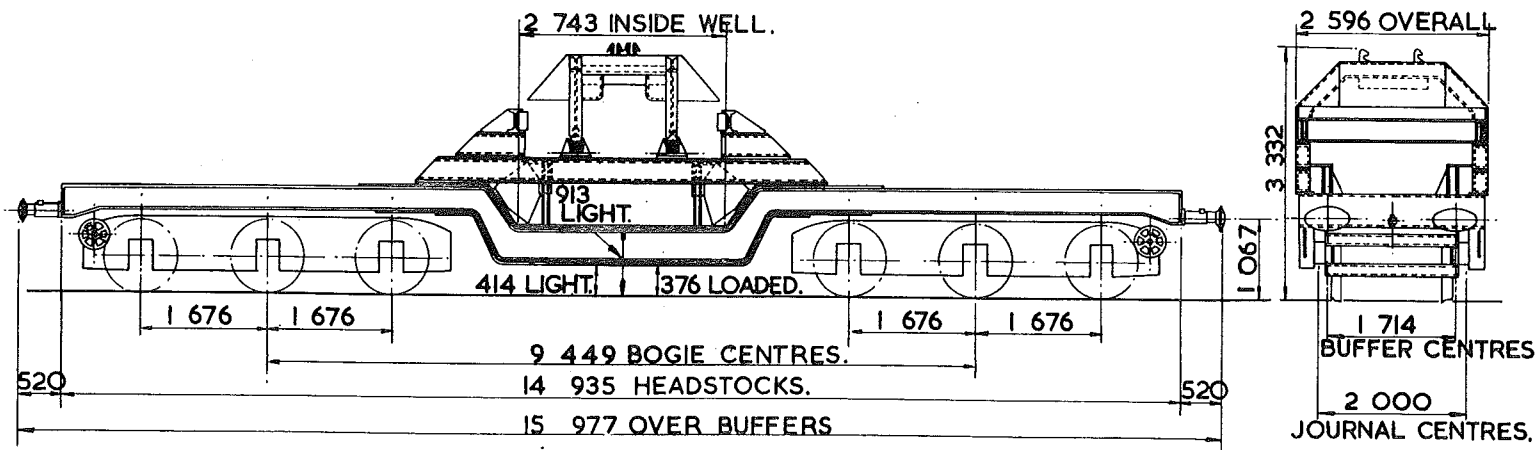
# FLATROL.MJ (ATOMIC FLASK)

XK001A

LOT NUMBER
3300

EXCESS LENGTH	H	M	L	E
tonnes	94	75	54	39
VB	16	16	16	16
AB				
RA	6	6	1	1
MAX. SPEED	55	55	55	55

TOPS CODE										
CARKND		AARKND			OPERATING PANEL No					
X	K	V	X	K	V	H	7	1	3	4



TARE - 39500kg.
CARRYING CAPACITY-54,000kg.
CAPACITY-
MAX. SPEED - 55 mile/h.
WHEELS - 952 DIA.
JOURNALS - 124 DIA. ROLLER BEARINGS.

BUFFERS - SELF CONTAINED 610x356 OVAL HEADS.
COUPLINGS - INSTANTER.
MIN. CURVE - 31m.
GEN. ARRGT. DRG. No. - SW/SW 556
BRAKE - VACUUM BLOCK, HAND SCREW.
SUSPENSION - EYEBOLT.

ISSUE 1.

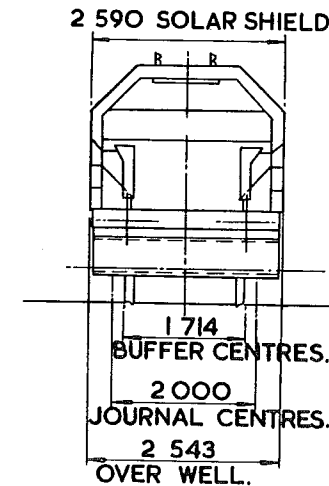
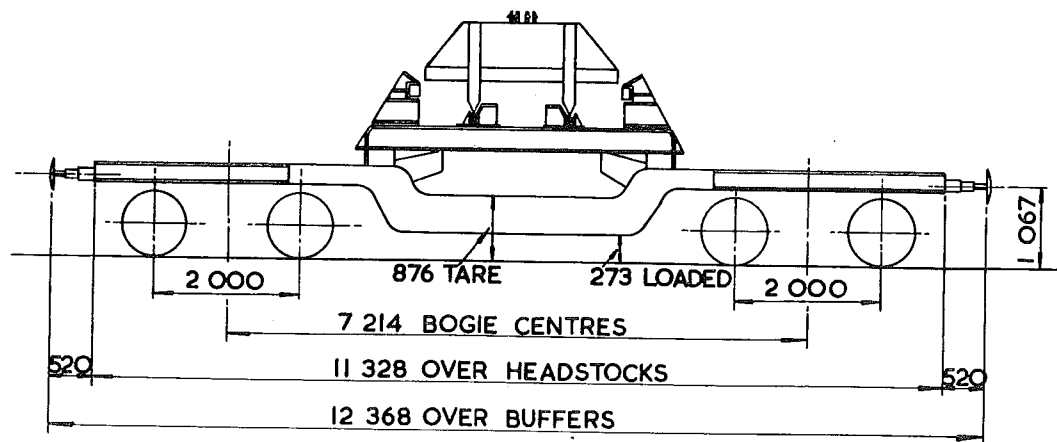
# FLATROL MJJ (ATOMIC FLASK)

XK002A

LOT NUMBER
3697

EXCESS LENGTH	H	M	L	E
tonnes	80	80	24	19
VB	0	0	0	0
AB	33	33	19	24
PA	6	6	1	1
MAX SPEED	60	60	60	60

TOPS CODE									
MARKND		AARKND		OPERATING PANEL No.					
X	K	B	X	K	B	H	5	9	4



TARE -- 24 100 kg
CARRYING CAPACITY--56 000kg.
CAPACITY--
MAX. SPEED 60 mile/h
WHEELS - 838 DIA.
JOURNALS-- 140 DIA. ROLLER BEARINGS

BUFFERS - PNEUMATIC 406 DIA. HEADS
COUPLINGS -- INSTANTER
MIN. CURVE -- 31m SINGLY 46m CLOSE COUPLED
GEN. ARRGT. DRG. No. - F-S-1461
BRAKE -- AIR BLOCK, VACUUM PIPED, HAND SCREW.
SUSPENSION -- SECONDARY COIL.

ISSUE 1.

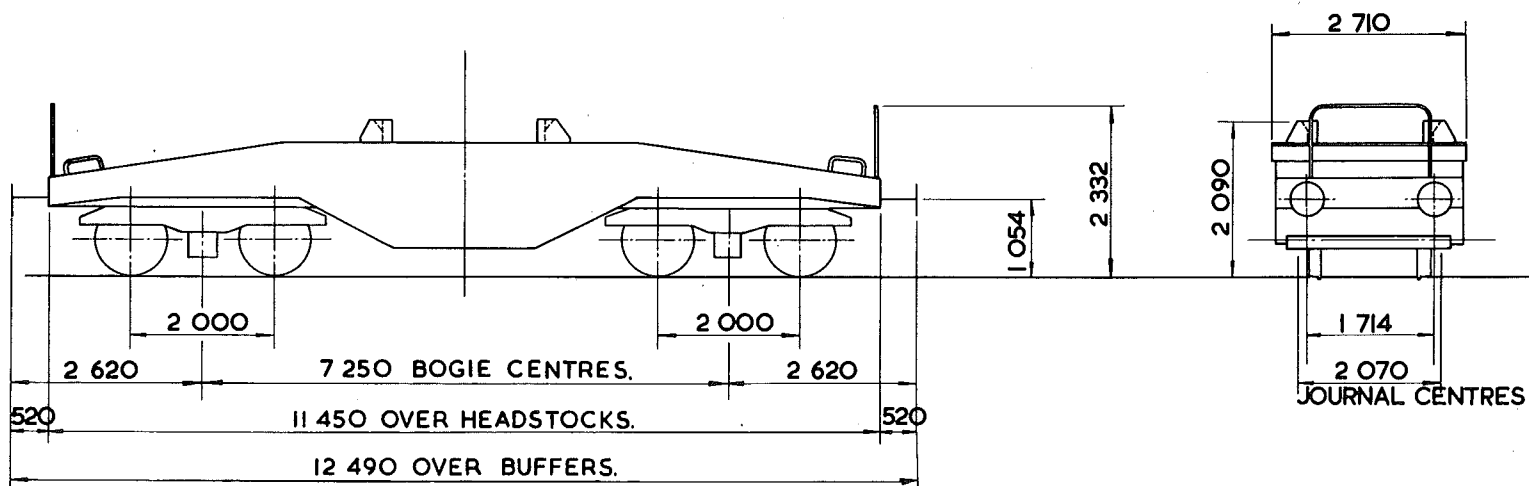
# ATOMIC FLASK WAGON

XK003A

LOT NUMBER
<b>3886</b>
<b>3928</b>

EXCESS LENGTH	H	M	L	E
tonnes	<b>80</b>	<b>80</b>	<b>24</b>	<b>24</b>
VB	0	0	0	0
AB	<b>50</b>	<b>50</b>	<b>14</b>	<b>14</b>
RA	<b>6</b>	<b>6</b>	<b>1</b>	<b>1</b>
MAX. SPEED	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No				
X	K	B	X	K	B	H	0	5	8	9



TARE	<b>23 000 kg</b>
CARRYING CAPACITY	<b>56 000 kg</b>
CAPACITY	
MAX. SPEED	<b>60 mile/h</b>
WHEELS	<b>953 DIA.</b>
JOURNALS	<b>150 ROLLER BEARINGS</b>

BUFFERS	SELF CONTAINED 406 DIA. HEADS
COUPLINGS	<b>B.R. SCREW.</b>
MIN. CURVE	<b>31 m.</b>
GEN. ARRG. DRG. No	<b>F-AO-9772</b>
BRAKE	AIR DISC, VACUUM PIPED & HAND SCREW
SUSPENSION	<b>PRIMARY COIL</b>

ISSUE I.

EX. B.R. DIAGRAM 2/536 (ALLOCATED)



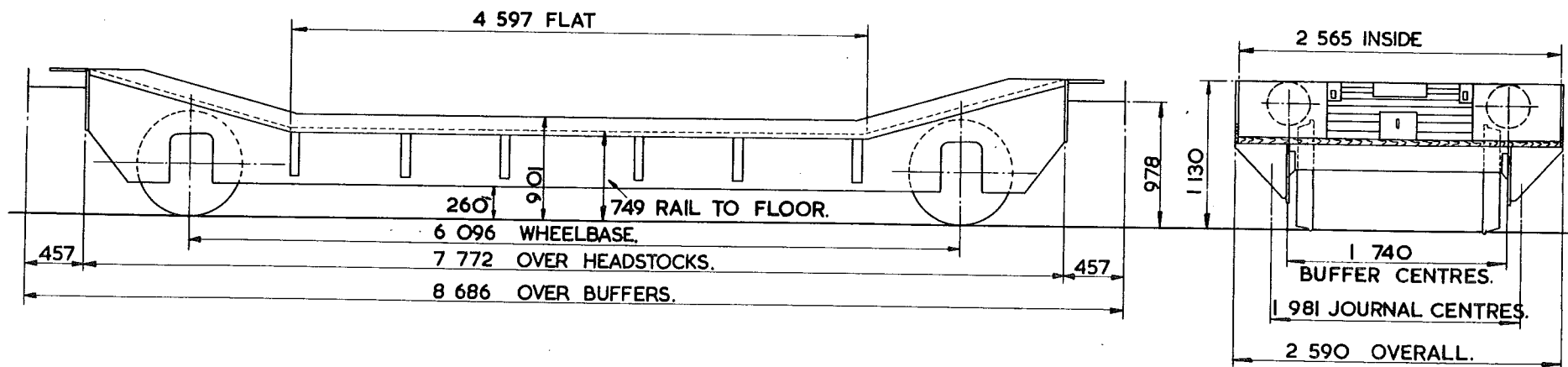
LOWMAC.

XLOO1A

LOT NUMBER
2475

EXCESS LENGTH	4	H	M	L	E
TONNES	23	18	12	9	
VB					
AB					
RA	1	1	1	1	
MAX. SPEED	45	45	45	45	

TOPS CODE									
CARKND		AARKND			OPERATING PANEL No				
X	L	Ø	X	L	Ø	L	5	7	4



TARE -	8 450 kg
CARRYING CAPACITY -	14 000 kg.
CAPACITY -	
MAX. SPEED -	45 mile/h.
WHEELS -	812 DIA.
JOURNALS -	254 x 127 PLAIN BEARINGS.

BUFFERS -	SELF CONTAINED 305 DIA. HEADS.
COUPLINGS -	INSTANTER.
MIN. CURVE -	36 m.
GEN. ARRGT. DRG. No. -	19467N.
BRAKE -	HAND LEVER.
SUSPENSION -	EYEBOLT.

4 LASHING RINGS ARE FITTED TO EACH SOLEBAR & 2 LASHING RINGS ARE FITTED TO EACH HEADSTOCK. 2 SETS OF BINDING CHAINS WITH SCREW COUPLINGS ARE IN CHAIN BOXES.

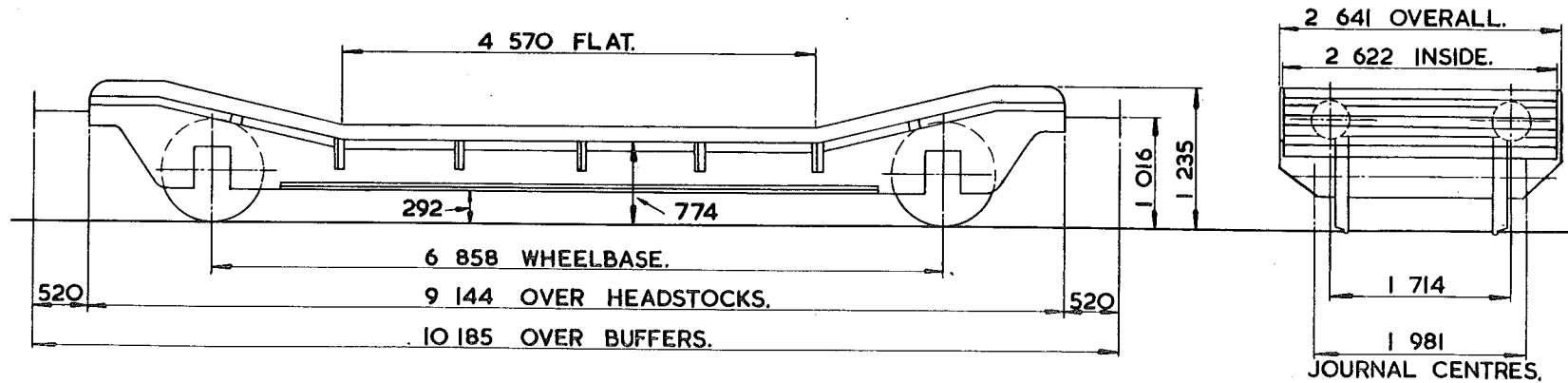
ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/244.

LOT NUMBER
3100

EXCESS LENGTH	6	H	M	L	E
tonnes	25	19	14	10	
VB	6	6	6	6	
AB					
RA	1	1	1	1	
MAX. SPEED	45	45	45	45	

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No			
X	L	V	X	L	V	M	5	7	8



TARE -	9700 kg.
CARRYING CAPACITY -	15000 kg.
CAPACITY -	
MAX. SPEED -	45 mile/h.
WHEELS -	952 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS.

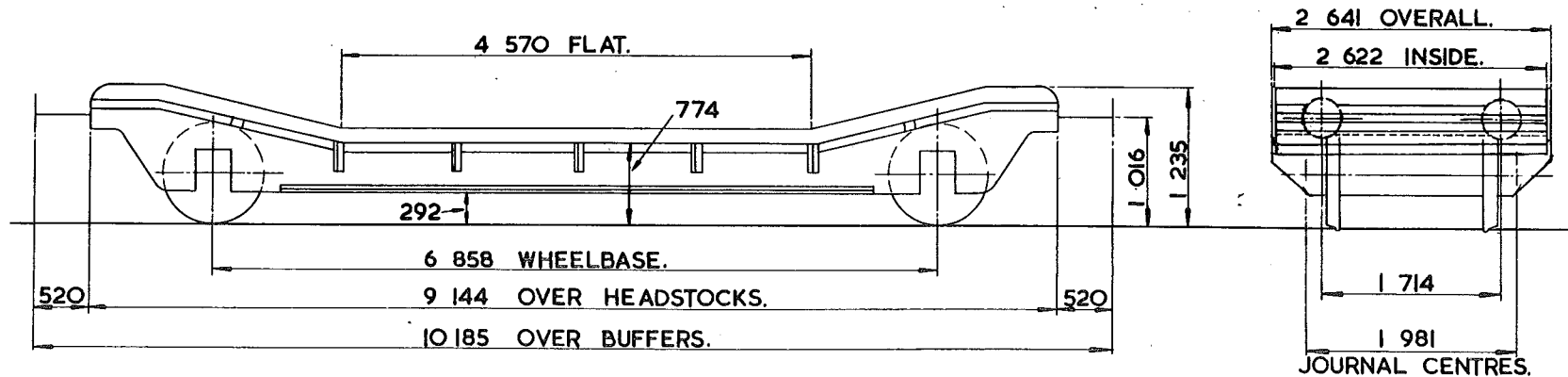
BUFFERS -	SELF CONTAINED 330 DIA. HEAD.
COUPLINGS -	B. R. SCREW.
MIN. CURVE -	36m.
GEN. ARRGT. DRG. No. -	SW/SW 141
BRAKE -	VACUUM BLOCK, HAND LEVER
SUSPENSION -	EYEBOLT.

2 LASHING RINGS ARE FITTED TO EACH SOLEBAR.  
 2 LASHING RINGS ARE FITTED TO EACH HEADSTOCK.  
 8 BINDING CHAINS WITH SCREW COUPLINGS IN CHAIN BOXES.

LOT NUMBER
3197

EXCESS LENGTH	6	H	M	L	E
tonnes	25	19	14	10	
VB	6	6	6	6	
AB					
RA	1	1	1	1	
MAX SPEED	45	45	45	45	

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No.			
X	L	V	X	L	V	M	5	7	8



TARE -	9700 kg.
CARRYING CAPACITY -	15000 kg.
CAPACITY -	
MAX. SPEED -	45 mile/h.
WHEELS -	952 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS.

BUFFERS -	HYDRAULIC 330 DIA. HEAD.
COUPLINGS -	B.R. SCREW.
MIN. CURVE -	36m.
GEN. ARRG. DRG. No. -	SW/SW 141.
BRAKE -	VACUUM BLOCK, HAND LEVER.
SUSPENSION -	EYEBOLT.

2 LASHING RINGS ARE FITTED TO EACH SOLEBAR.  
 2 LASHING RINGS ARE FITTED TO EACH HEADSTOCK.  
 8 BINDING CHAINS WITH SCREW COUPLINGS IN CHAIN BOXES.

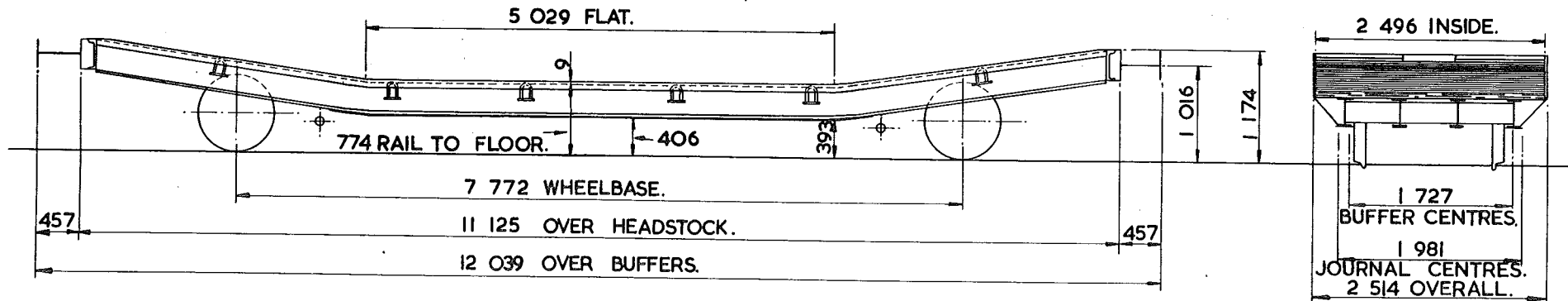
ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/248.

LOT NUMBER
2007
2189
2276

EXCESS LENGTH	9	H	M	L	E
tonnes.	32	24	17	11	
VB					
AB					
RA	3	1	1	1	
MAX. SPEED	45	45	45	45	

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No			
X	L	Ø	X	L	Ø	N	5	8	3



TARE -	11 050 kg.
CARRYING CAPACITY -	21 500 kg.
CAPACITY -	
MAX. SPEED -	45 mile/h.
WHEELS -	824 DIA.
JOURNALS -	254x127 PLAIN BEARINGS.

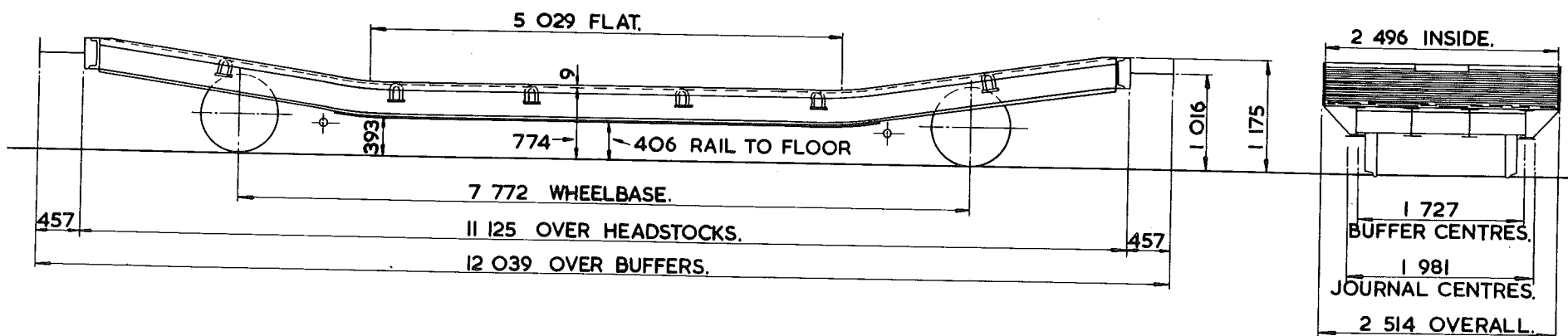
BUFFERS -	SELF CONTAINED 457x305 OVAL HEADS.
COUPLINGS -	INSTANTER.
MIN. CURVE -	41m.
GEN. ARRGT. DRG. No. -	11/505.
BRAKE -	HAND LEVER.
SUSPENSION -	EYEBOLT.

6 SHACKLES ARE FITTED TO EACH SOLEBAR.

LOT NUMBER
3254

EXCESS LENGTH	9	H	M	L	E
tonnes	32	24	17	11	
VB	0	0	0	0	
AB					
RA	3	1	1	1	
MAX. SPEED	45	45	45	45	

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No.			
X	L	P	X	L	P	N	5	8	2



TARE -	11050kg.
CARRYING CAPACITY -	21500kg.
MAX. SPEED -	45 mile/h.
WHEELS -	824 DIA.
JOURNALS -	254x127 PLAIN BEARINGS.

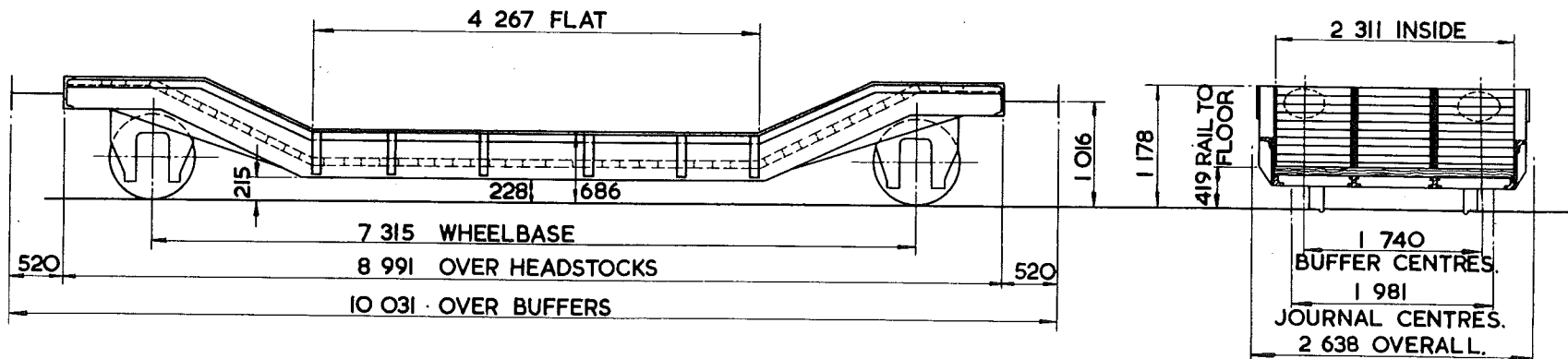
BUFFERS -	SELF CONTAINED 457x305 OVAL HEADS.
COUPLINGS -	INSTANTER.
MIN. CURVE -	41m.
GEN. ARRGT. DRG. No. -	11/505.
BRAKE -	VACUUM PIPED, HAND LEVER.
SUSPENSION -	EYEBOLT.

6 SHACKLES ARE FITTED TO EACH SOLEBAR.

LOT NUMBER

EXCESS LENGTH	6	H	M	L	E
tonnes	32	25	18	12	
VB	7	7	7	7	
AB					
RA	3	1	1	1	
MAX. SPEED	45	45	45	45	

TOPS CODE										
CARKND		AARKND			OPERATING PANEL No					
X	L	V	X	L	V	N	O	5	7	9



TARE -	11 850 kg
CARRYING CAPACITY -	22 500 kg
CAPACITY -	
MAX. SPEED -	45 mile/h
WHEELS	838 DIA.
JOURNALS -	254 x 140 PLAIN BEARINGS

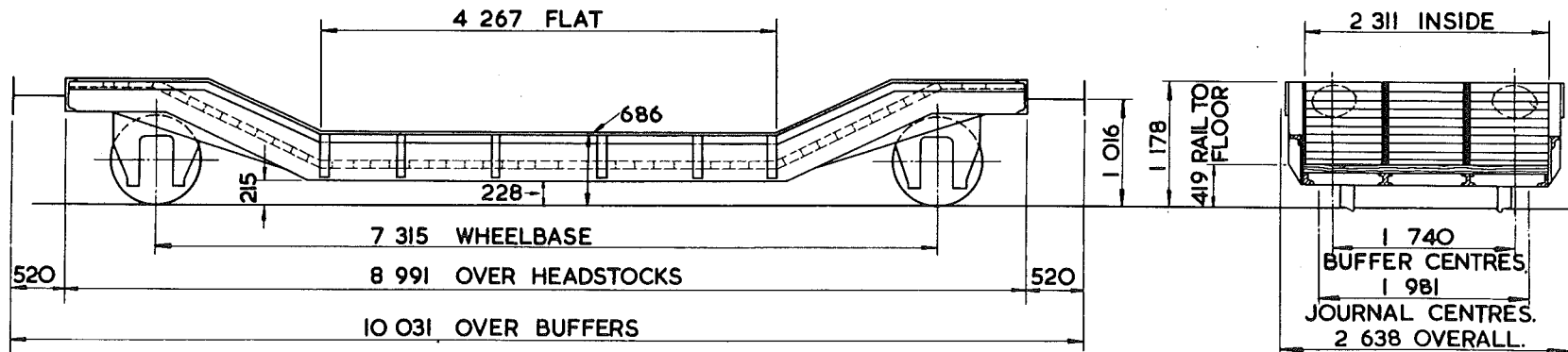
BUFFERS -	SELF CONTAINED 381x305 OVAL HEADS
COUPLINGS -	B.R. SCREW
MIN CURVE -	41 m.
GEN. ARRGT. DRG. No.	13622N
BRAKE -	VACUUM BLOCK, HAND LEVER
SUSPENSION -	EYEBOLT

3 LASHING RINGS ARE FITTED TO EACH SOLEBAR.  
 4 LASHING RINGS ARE FITTED TO FLOOR.  
 2 LASHING RINGS ARE FITTED TO HEADSTOCK.

LOT NUMBER
2959

EXCESS LENGTH	6	H	M	L	E
tonnes	32	25	18	12	
VB	7	7	7	7	
AB					
RA	3	1	1	1	
MAX. SPEED	45	45	45	45	

TOPS CODE					
CARKND		AARKND		OPERATING PANEL No.	
X	L	V	X	L	V
			N		
				5	7
					9



TARE	11 850 kg
CARRYING CAPACITY	22 500 kg
CAPACITY	
MAX. SPEED	45 mile/h
WHEELS	838 DIA.
JOURNALS	254 x 140 PLAIN BEARINGS

BUFFERS	SELF CONTAINED 381x305 OVAL HEADS
COUPLINGS	B.R. SCREW
MIN. CURVE	41m
GEN. ARRGT. DRG. No.	13622N
BRAKE	VACUUM BLOCK, HAND LEVER
SUSPENSION	EYEBOLT

3 LASHING RINGS ARE FITTED TO EACH SOLEBAR.  
 4 LASHING RINGS ARE FITTED TO FLOOR.  
 2 LASHING RINGS FITTED TO EACH HEADSTOCK.

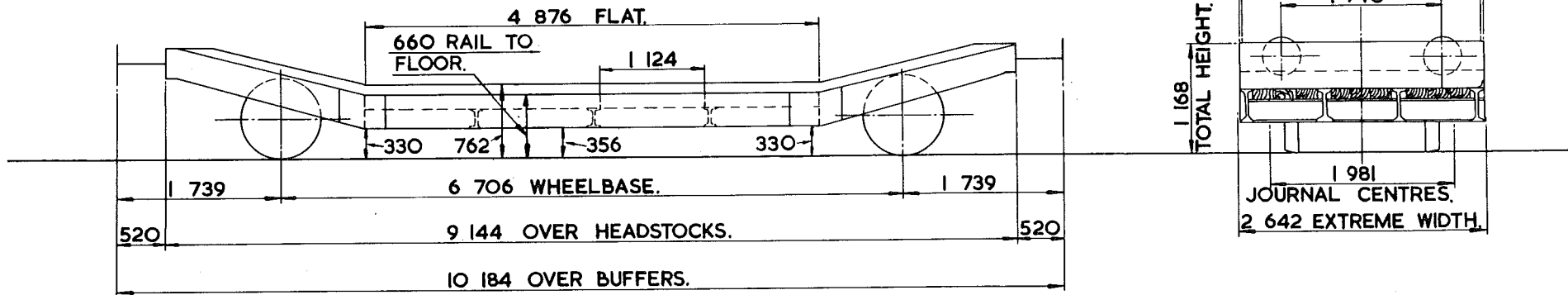
# LOWMAC

# XLOO5A

LOT NUMBER

EXCESS LENGTH	H	M	L	E
tonnes	34	26	18	13
VB	8	8	8	8
AB				
RA	5	2	1	1
MAX. SPEED	45	45	45	45

TOPS CODE										
CARKND				AARKND			OPERATING PANEL No.			
X	L	V	X	L	V	N	8	4	9	0



TARE -	12 450 kg.
CARRYING CAPACITY -	22 500 kg.
CAPACITY -	
MAX. SPEED -	45 mile/h.
WHEELS -	838 DIA.
JOURNALS -	254x140 DIA. PLAIN BEARINGS.

BUFFERS -	SELF CONTAINED 381 DIA. HEADS.
COUPLINGS -	B.R. SCREW.
MIN. CURVE -	41m.
GEN. ARRGT. DRG. No. -	13027N.
BRAKE -	VACUUM BLOCK, HAND LEVER.
SUSPENSION -	EYEBOLT.

4 BINDING CHAINS FITTED TO RINGS ON FLOOR.  
6 LASHING RINGS FITTED TO EACH SOLEBAR.  
2 LASHING RINGS ARE FITTED TO EACH HEADSTOCK.

ISSUE 1.

EX. L.N.E.R. DIAGRAM EI43.



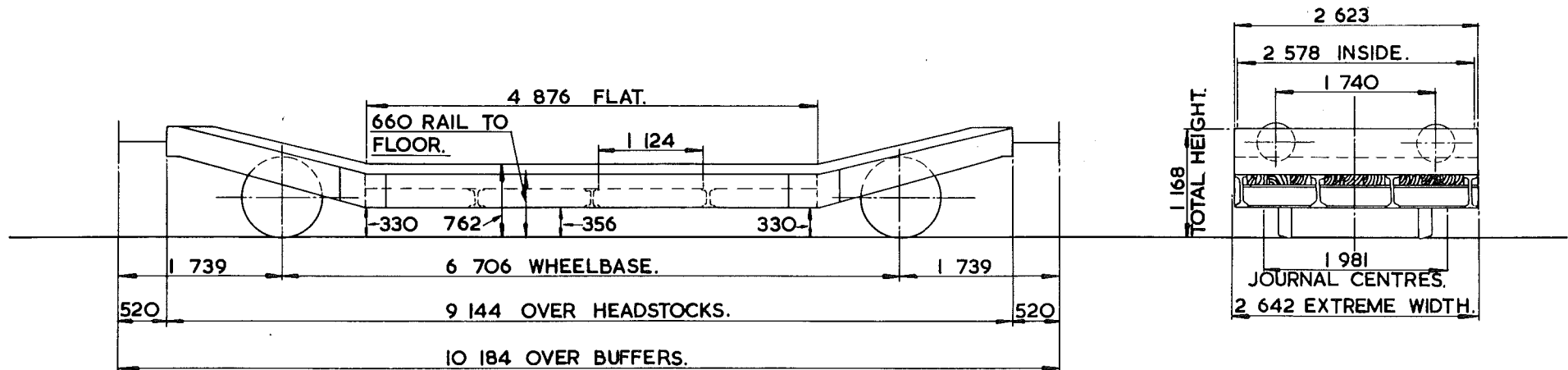
# LOWMAC

# XLOO5B

LOT NUMBER

EXCESS LENGTH	H	M	L	E
tonnes	34	26	18	13
VB	8	8	8	8
AB				
RA	5	2	1	1
MAX. SPEED	45	45	45	45

TOPS CODE										
CARKND		AARKND			OPERATING PANFL No					
X	L	W	X	L	W	N	8	4	8	5



TARE -	12 450 kg.
CARRYING CAPACITY -	22 500 kg.
CAPACITY -	
MAX. SPEED -	45 mile/h.
WHEELS -	838 DIA.
JOURNALS -	254x140 DIA. PLAIN BEARINGS.

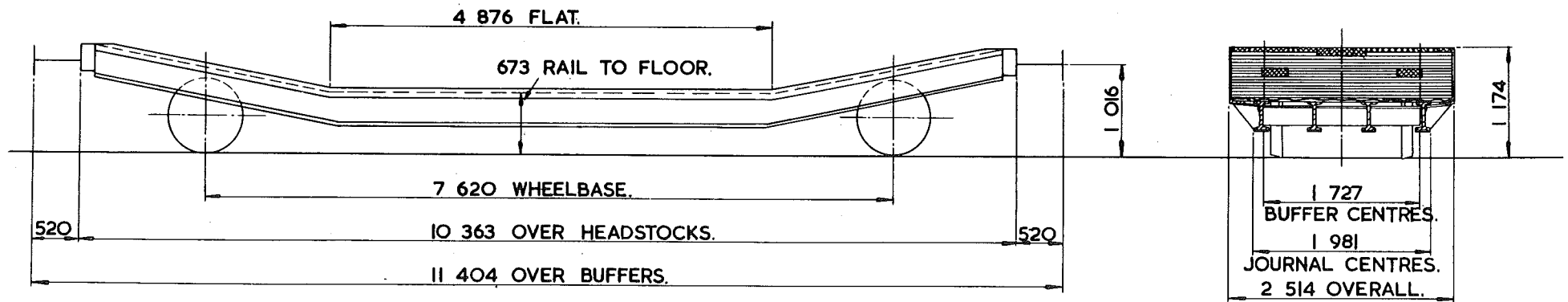
BUFFERS -	SELF CONTAINED 381 DIA. HEADS.
COUPLINGS -	B.R. SCREW.
MIN. CURVE -	41m.
GEN. ARRGT. DRG. No. -	13027N.
BRAKE -	VACUUM BLOCK, AIR PIPE, HAND LEVER.
SUSPENSION -	EYEBOLT.

4 BINDING CHAINS FITTED TO RINGS ON FLOOR.  
 6 LASHING RINGS FITTED TO EACH SOLEBAR.  
 2 LASHING RINGS ARE FITTED TO EACH HEADSTOCK.

LOT NUMBER
1212

EXCESS LENGTH	8	H	M	L	E
tonnes	31	24	16	11	
VB	6	6	6	6	
AB					
RA	3	1	1	1	
MAX. SPEED	45	45	45	45	

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No				
X	L	V	X	L	V	N	7	1	4	2



TARE -	10 950 kg.
CARRYING CAPACITY -	20 500 kg.
CAPACITY -	
MAX. SPEED -	45 mile/h.
WHEELS -	824 DIA.
JOURNALS -	254x127 PLAIN BEARINGS.

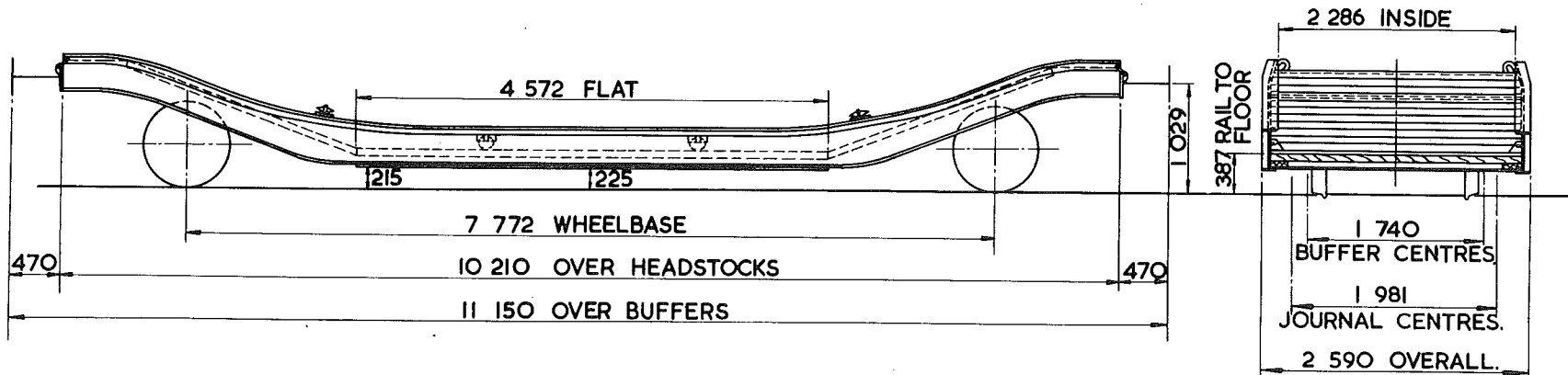
BUFFERS -	SELF CONTAINED 330 DIA. HEADS.
COUPLINGS -	B. R. SCREW.
MIN. CURVE -	41m.
GEN. ARRGT. DRG. No. -	12/468.
BRAKE -	VACUUM BLOCK, HAND LEVER.
SUSPENSION -	EYEBOLT.

6 BINDING LOOPS FITTED TO EACH SOLEBAR.

LOT NUMBER
2492
2592

EXCESS LENGTH	8	H	M	L	E
tonnes	33	25	18	13	
VB	5	5	5	5	
AB					
RA	3	1	1	1	
MAX. SPEED	45	45	45	45	

TOPS CODE					
CARKND	AARKND		OPERATING PANEL No		
X L V	X L V	N	5	7	6



TARE --	11 950 kg
CARRYING CAPACITY--	20 500 kg
CAPACITY--	
MAX. SPEED --	45 mile /h
WHEELS --	812 DIA.
JOURNALS--	254 x 127 PLAIN BEARINGS

BUFFERS --	SELF CONTAINED 330 DIA. HEADS
COUPLINGS --	INSTANTER
MIN. CURVE --	41 m.
GEN. ARRGT. DRG. No. --	130370
BRAKE --	VACUUM BLOCK, HAND LEVER
SUSPENSION --	EYEBOLT

6 LASHING RINGS ARE FITTED TO EACH SOLEBAR.

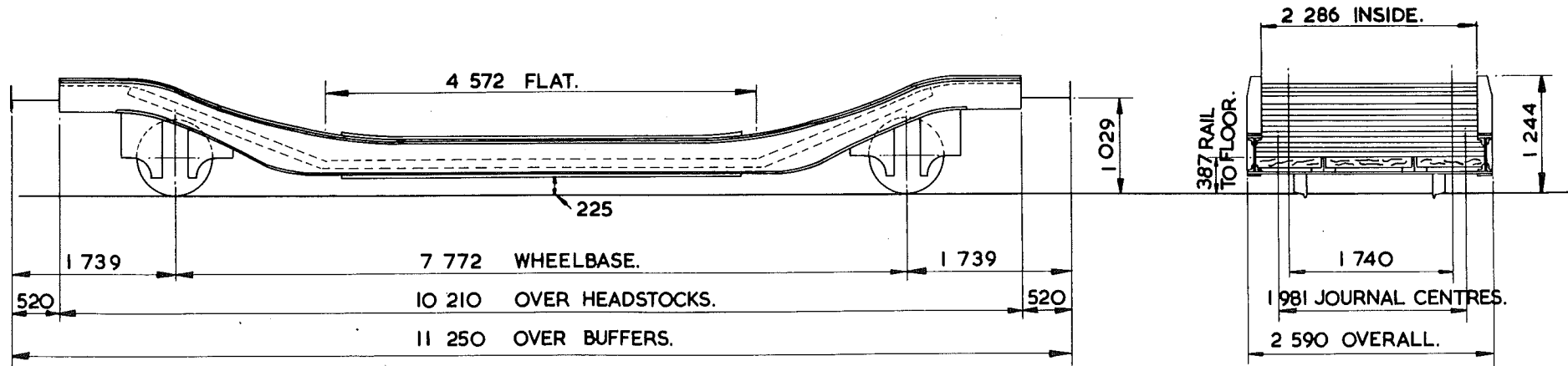
# LOWMAC

# XLOO7B

LOT NUMBER
2976

EXCESS LENGTH	8	H	M	L	E
tonnes.	33	25	18	13	
VB	5	5	5	5	
AB					
RA	3	1	1	1	
MAX. SPEED	45	45	45	45	

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No.			
X	L	V	X	L	V	N	5	7	6



TARE -	12 650kg.
CARRYING CAPACITY-20	500kg.
CAPACITY-	
MAX. SPEED -	45 mile/h.
WHEELS -	812 DIA.
JOURNALS -	254x127 PLAIN BEARINGS.

BUFFERS -	SELF CONTAINED 330 DIA. HEADS
COUPLINGS -	B.R. SCREW.
MIN. CURVE -	41 m.
GEN. ARRGT. DRG. No. -	140144
BRAKE -	VACUUM BLOCK, HAND LEVER.
SUSPENSION -	EYEBOLT.

4 LASHING RINGS FITTED TO EACH SOLEBAR.  
 2 LASHING RINGS FITTED TO HEADSTOCK.  
 8 BINDING CHAINS WITH SCREW COUPLINGS.

ISSUE 1.

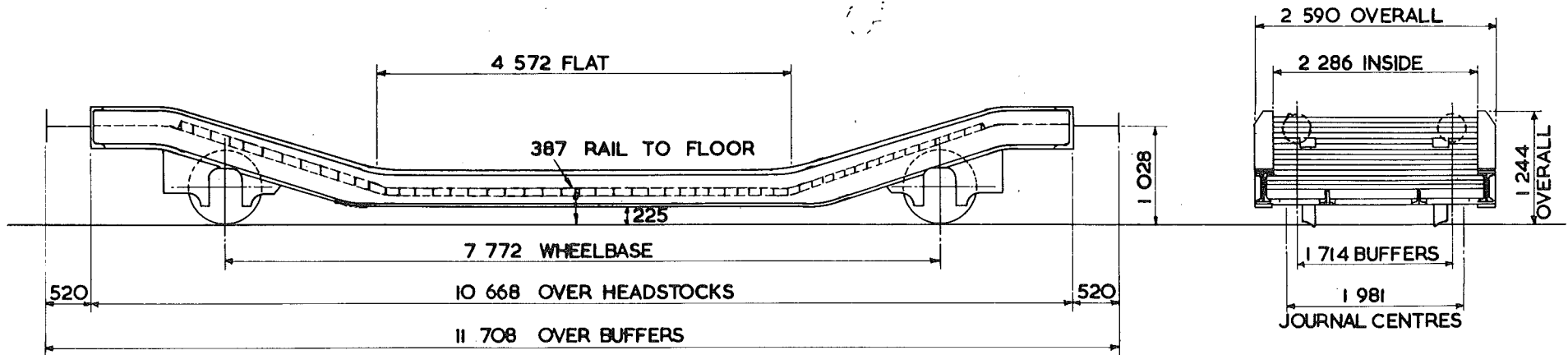
# LOWMAC

# XLOO8A

LOT NUMBER
3101

EXCESS LENGTH	9	H	M	L	E
tonnes	33	26	18	13	
VB	6	6	6	6	
AB					
RA	4	2	1	1	
MAX SPEED	45	45	45	45	

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No.			
X	L	V	X	L	V	N	5	8	0



TARE -	13 <sup>100</sup> kg
CARRYING CAPACITY -	20 <sup>500</sup> kg
CAPACITY -	
MAX. SPEED -	45 mile/h
WHEELS -	812 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS

BUFFERS -	SELF CONTAINED 330 DIA HEADS
COUPLINGS -	B.R. SCREW
MIN. CURVE -	41 m
GEN. ARRGT. DRG. No. -	SW/SW/333
BRAKE -	VACUUM BLOCK & HAND LEVER
SUSPENSION -	EYEBOLT

ISSUE 1.

EX. B. R. SPECIAL DIAGRAM 2/252

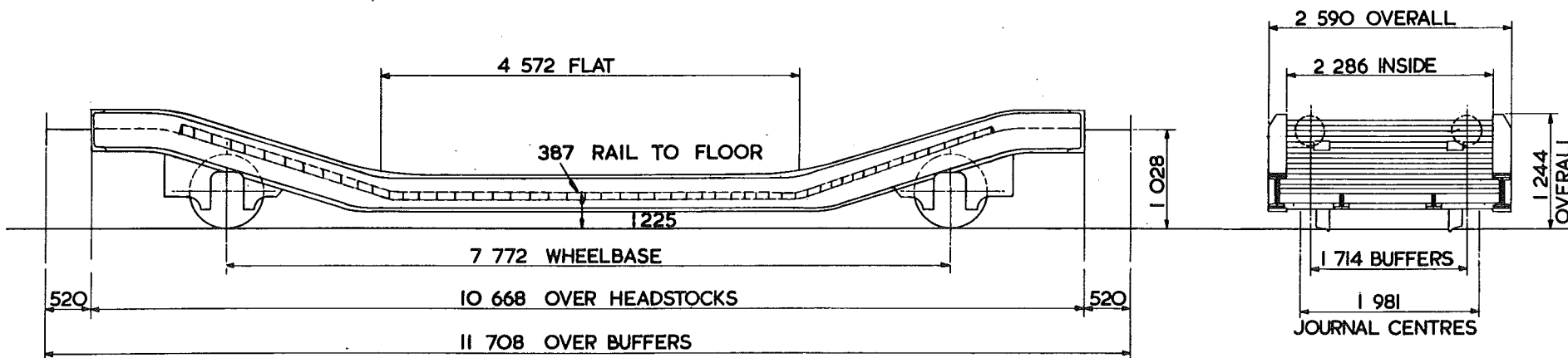
# LOWMAC

# XL008B

LOT NUMBER
3298

EXCESS LENGTH	9	H	M	L	E
tonnes	33	26	18	13	
VB	6	6	6	6	
AB					
RA	4	2	1	1	
MAX. SPEED	45	45	45	45	

TOPS CODE					
CARKND	AARKND		OPERATING PANEL No		
X	L	V	X	L	V
N				5	8
					0



TARE -	13100 kg
CARRYING CAPACITY -	20500 kg
CAPACITY -	
MAX. SPEED -	45 mile/h
WHEELS -	812 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS

BUFFERS -	HYDRAULIC 330 DIA. HEADS
COUPLINGS -	B.R. SCREW
MIN. CURVE -	41 m
GEN. ARRGT. DRG. No. -	SW/SW/333
BRAKE -	VACUUM BLOCK & HAND LEVER
SUSPENSION -	EYEBOLT

ISSUE 1.

EX. B. R. SPECIAL DIAGRAM 2/25

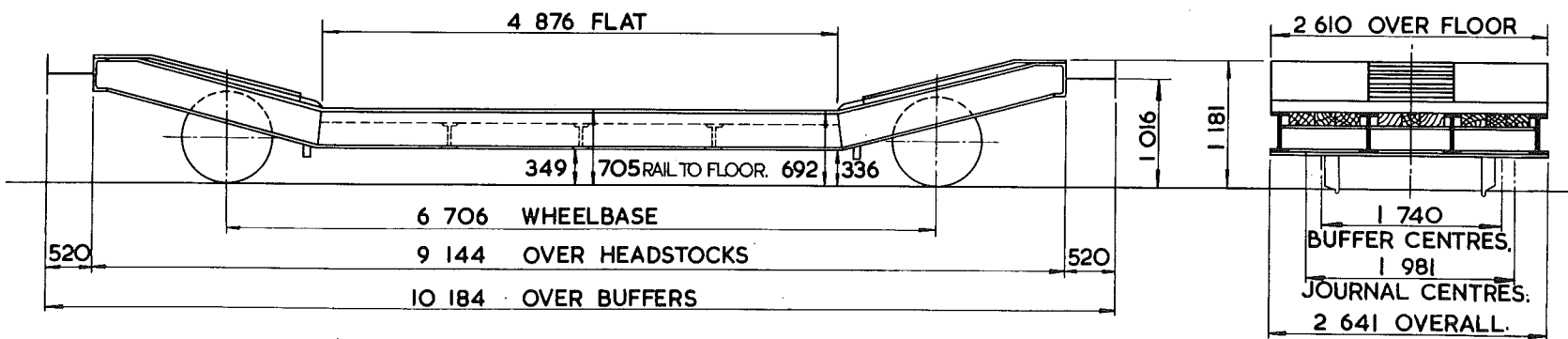
# LOWMAC

# XLOO9B

LOT NUMBER

EXCESS LENGTH	6	H	M	L	E
tonnes	39	30	20	14	
VB	8	8	8	8	
AB					
RA	6	3	1	1	
MAX. SPEED	45	45	45	45	

TOPS CODE										
CARKND		AARKND			OPERATING PANEL No					
X	L	V	X	L	V	\$	0	5	7	1



TARE -	13 700 kg
CARRYING CAPACITY-	25 500 kg
CAPACITY-	
MAX. SPEED --	45 mile/h
WHEELS -	838 DIA.
JOURNALS -	254 x 140 PLAIN BEARINGS

BUFFERS -	SELF CONTAINED 381 DIA. HEADS
COUPLINGS -	B.R. SCREW
MIN. CURVE -	41m
GEN. ARRGT. DRG. No. -	15721N
BRAKE -	VACUUM BLOCK, HAND LEVER
SUSPENSION -	EYEBOLT

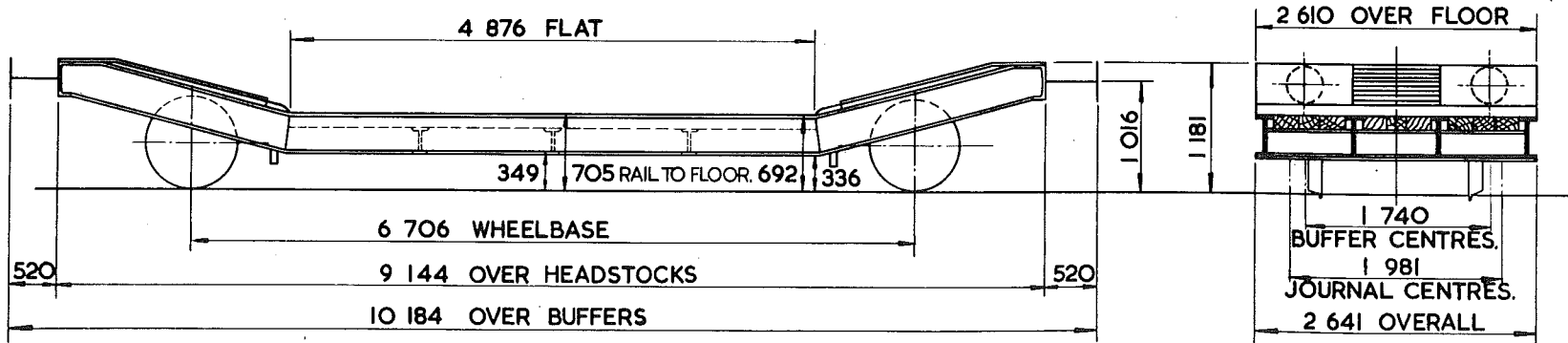
6 LASHING RINGS FITTED TO EACH SOLEBAR.  
4 BINDING CHAINS WITH SCREW COUPLINGS, ARE FITTED TO FLOOR.

ISSUE 1.

LOT NUMBER
2187

EXCESS LENGTH	6	H	M	L	E
tonnes	39	30	20	14	
VB	8	8	8	8	
AB					
RA	6	3	1	1	
MAX. SPEED	45	45	45	45	

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No.				
X	L	V	X	L	V	\$	0	5	7	1



TARE -	13 700 kg
CARRYING CAPACITY -	25 500 kg
CAPACITY -	
MAX. SPEED -	45 mile/h
WHEELS -	838 DIA.
JOURNALS -	254 x 140 PLAIN BEARINGS

BUFFERS -	SELF CONTAINED 381 DIA. HEADS.
COUPLINGS -	SCREW
MIN. CURVE -	41 m.
GEN. ARRGT. DRG. No. -	15721N
BRAKE -	VACUUM BLOCK, HAND LEVER
SUSPENSION -	EYEBOLT

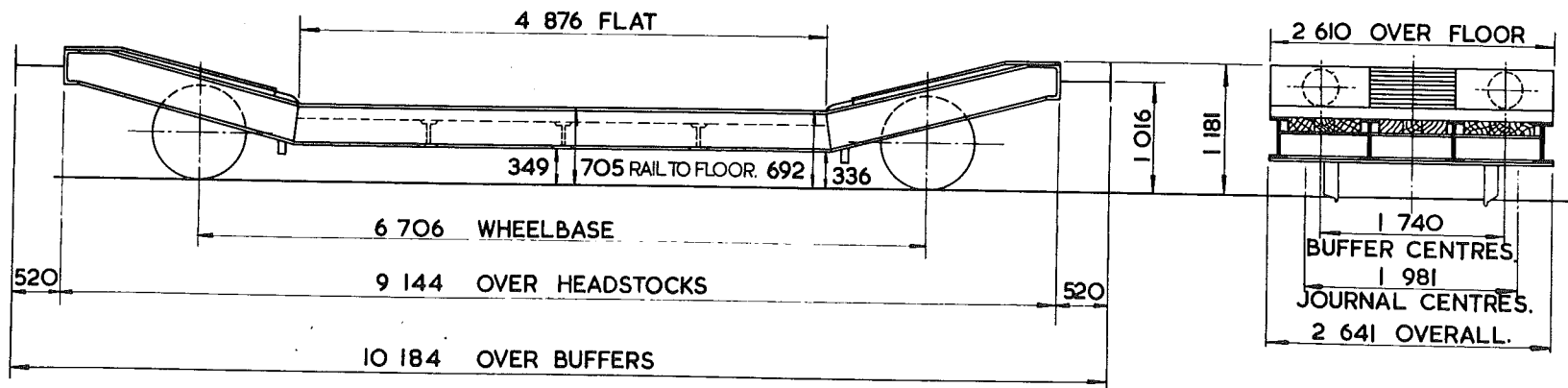
6 LASHING RINGS FITTED TO EACH SOLEBAR.  
 2 LASHING RINGS FITTED TO EACH HEADSTOCK.  
 4 BINDING CHAINS WITH SCREW COUPLINGS, FITTED TO FLOOR.



LOT NUMBER
1342

EXCESS LENGTH	6	H	M	L	E
tonnes	39	30	20	14	
VB	9	9	9	9	
AB					
RA	6	2	1	1	
MAX SPEED	45	45	45	45	

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No				
X	L	V	X	L	V	\$	7	1	1	7



TARE	13 700 kg
CARRYING CAPACITY-	25 500 kg
CAPACITY-	
MAX. SPEED	45 mile/h
WHEELS -	838 DIA.
JOURNALS	254 x 140 PLAIN BEARINGS

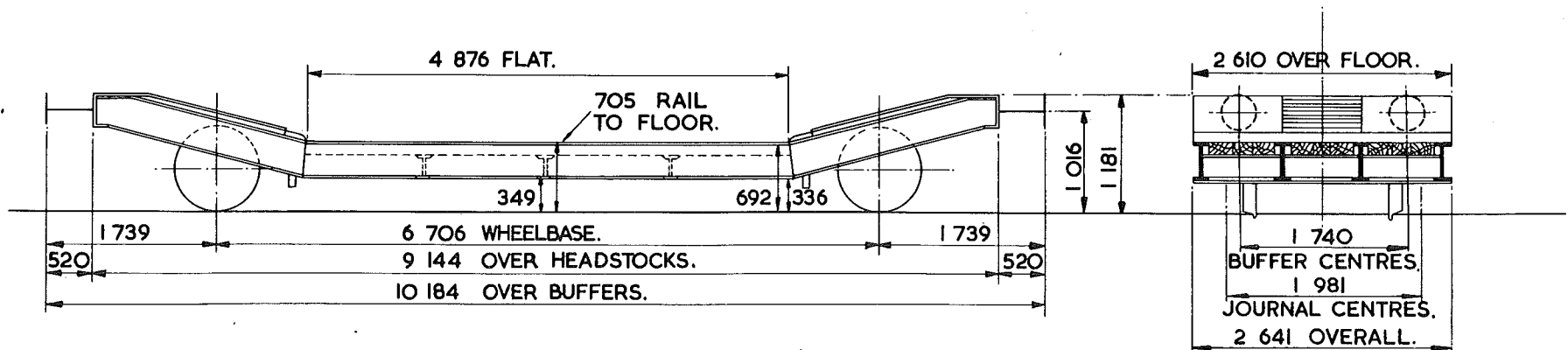
BUFFERS	SELF CONTAINED 381 DIA. HEADS
COUPLINGS	B.R. SCREW
MIN. CURVE	41m.
GEN. ARRGT. DRG. No.	15721N
BRAKE	VACUUM BLOCK, HAND LEVER
SUSPENSION	EYEBOLT

6 LASHING RINGS ARE FITTED TO EACH SOLEBAR.  
 2 LASHING RINGS ARE FITTED TO HEADSTOCK  
 4 BINDING CHAINS WITH SCREW COUPLINGS, FITTED TO FLOOR.

LOT NUMBER
2187

EXCESS LENGTH	6	H	M	L	E
tonnes	39	30	20	14	
VB	8	8	8	8	
AB	0	0	0	0	
RA	6	3	1	1	
MAX SPEED	45	45	45	45	

TOPS CODE											
CARKND				AARKND				OPERATING PANEL No			
X	L	W		X	L	W	\$	0	5	7	2



TARE -	13 700 kg.
CARRYING CAPACITY -	25 500 kg.
CAPACITY -	
MAX. SPEED -	45 mile/h.
WHEELS -	838 DIA.
JOURNALS -	254x140 PLAIN BEARINGS.

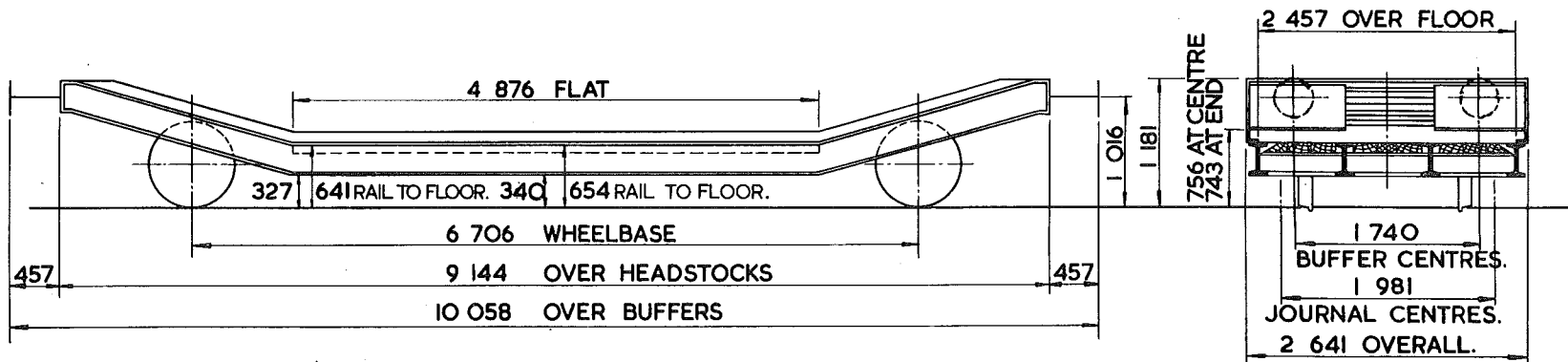
BUFFERS -	SELF CONTAINED 381 DIA. HEADS.
COUPLINGS -	B.R. SCREW.
MIN. CURVE -	41m.
GEN. ARRGT. DRG. No. -	15721 N.
BRAKE -	VACUUM BLOCK, AIR PIPED, HAND LEVER.
SUSPENSION -	EYEBOLT.

6 LASHING RINGS ARE FITTED TO EACH SOLEBAR.  
 2 LASHING RINGS ARE FITTED TO EACH HEADSTOCK.  
 4 BINDING CHAINS WITH SCREW COUPLINGS ARE FITTED TO FLOOR.

LOT NUMBER
2449
2594

EXCESS LENGTH	6	H	M	L	E
tonnes	39	30	20	14	
VB	8	8	8	8	
AB					
RA	6	3	1	1	
MAX SPEED	45	45	45	45	

TOPS CODE										
CARKND			AARKND			MATERIAL				
X	L	V	X	L	V	\$	0	5	7	1



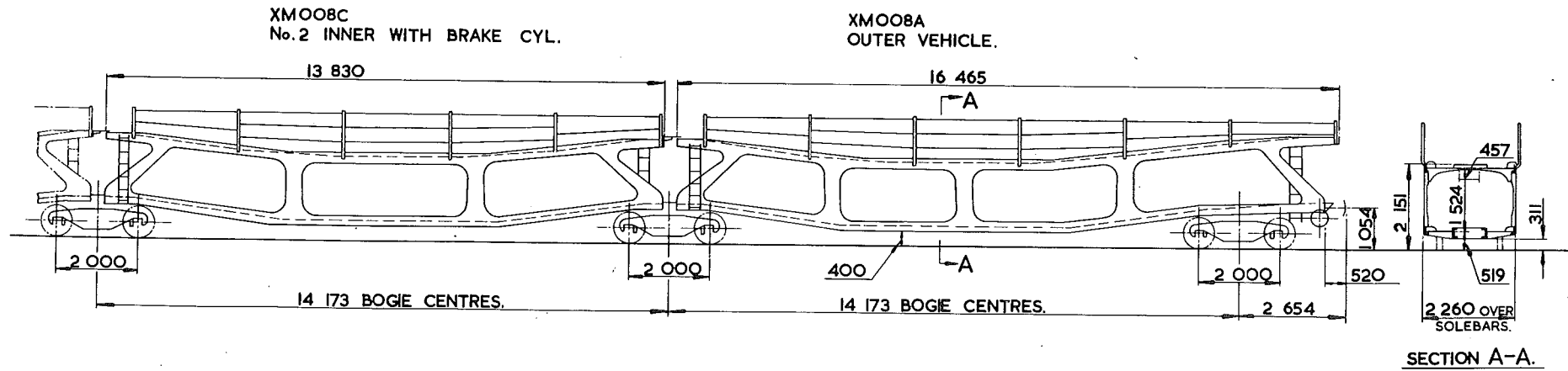
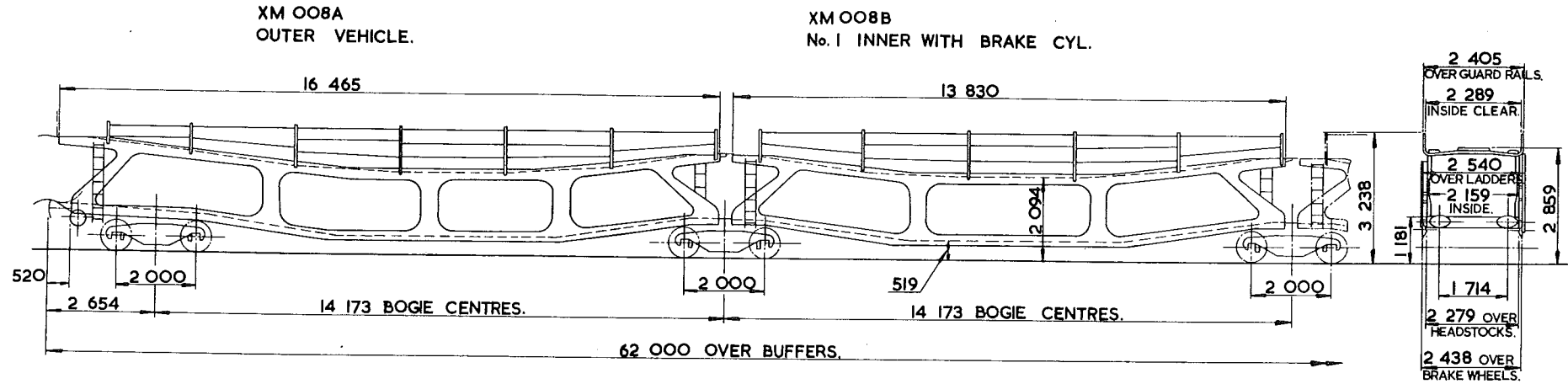
TARE	13750kg
CARRYING CAPACITY	25500kg
CAPACITY	
MAX SPEED	45 mile/h
WHEELS	812 DIA.
JOURNALS	254 x 152 PLAIN BEARINGS

BUFFERS	SELF CONTAINED 330 DIA. HEADS
COUPLINGS	INSTANTER
MIN CURVE	41 m.
GEN ARRGT DRG No	SW/SW 87
BRAKE	VACUUM BLOCK, HAND LEVER
SUSPENSION	EYEBOLT

6 LASHING RINGS ARE FITTED TO SOLEBAR.  
2 BINDING CHAINS ARE FITTED TO HEADSTOCK.

# ARTICULATED CAR TRANSPORTER

XMO08A



ISSUE 1.

EX. B.R. DIAGRAM 4/821.

# DATA SHEET ARTICULATED CAR TRANSPORTER

XMO08A

LOT NUMBER
30770
3518

EXCESS LENGTH	80	H	M	L	E
tonnes	87	85	83	62	
VB					
AB	70	68	66	49	
RA	I	I	I	I	
MAX SPEED	75	75	75	75	

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No			
X	M	A					8	2	7

SEE PANELS BELOW

UNDERFRAMES-	STEEL.
BOGIE -	CAST STEEL.
FLOOR -	CHEQUERED PLATE,EXPANET RUNWAYS.
CHOCKS-	DOUBLE-ADJUSTABLE AS REQUIRED.
LOADING PLATES-	HINGED AT OPPOSITE CORNERS.

XM 008A AARKND XMAA  
OUTER PANEL No. 7577

EXCESS LENGTH	20	H	M	L	E
tonnes	24	23	23	16	
VB					
AB	21	20	20	14	
RA	I	I	I	I	
MAX SPEED	75	75	75	75	

XM 008B AARKND XMAB  
INNER (1) PANEL No. 7578

EXCESS LENGTH	20	H	M	L	E
tonnes	20	20	19	15	
VB					
AB	14	14	13	11	
RA	I	I	I	I	
MAX SPEED	75	75	75	75	

XM 008C AARKND XMAC  
INNER (2) PANEL No. 7579

EXCESS LENGTH	20	H	M	L	E
tonnes	19	19	18	15	
VB					
AB	14	14	13	10	
RA	I	I	I	I	
MAX SPEED	75	75	75	75	

TARE -	62050kg.
CARRYING CAPACITY-	8000kg.PER UNIT,32000kg.PER SET.
CAPACITY-	
MAX. SPEED -	75mile/h.
WHEELS	813 DIA.
JOURNALS-	124 DIA. ROLLER BEARINGS.

BUFFERS -	SELF CONTAINED 610x316 OVAL HEADS.
COUPLINGS -	B.R. SCREW.
MIN. CURVE -	61m.
GEN. ARRGT DRG. No. -	WI42717
BRAKE -	AIR BLOCK WITH HAND SCREW ON OUTER BOGIES ONLY.
SUSPENSION -	SECONDARY COIL.

ISSUE 1.

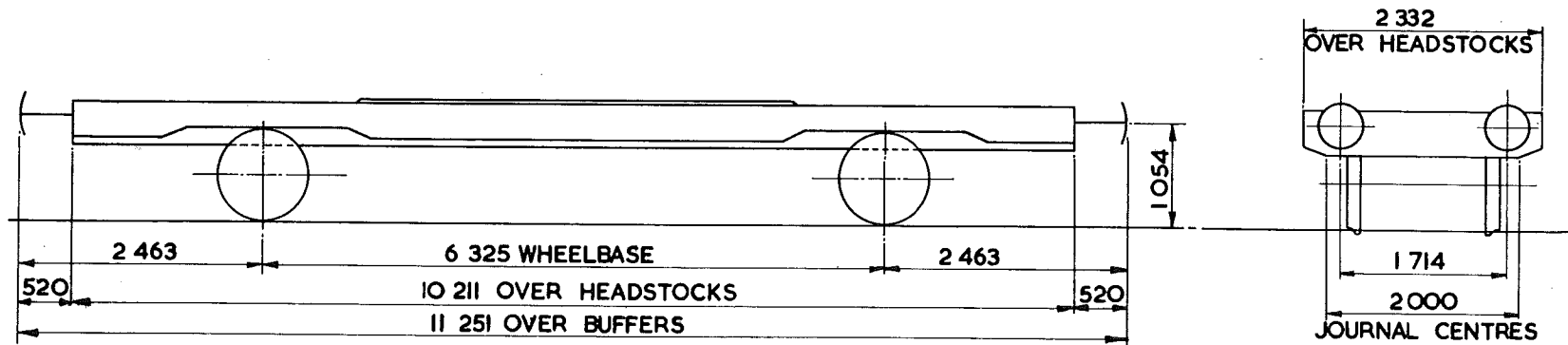
# 2 AXLE FLASK CARRYING WAGON

XN001A

LOT NUMBER
EX. PART 3728

EXCESS LENGTH	H	M	L	E
	46	46	12	12
VB	0	0	0	0
AB	27	27	12	12
RA	8	8	1	1
MAX. SPEED	60	60	75	75

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No.				
X	N	B	X	N	B	G	O	5	9	5



TARE -	12 000 kg
CARRYING CAPACITY -	34 000 kg
CAPACITY -	
MAX SPEED -	75 mile/h
WHEELS -	952 DIA.
JOURNALS -	140 DIA. ROLLER BEARINGS

BUFFERS -	PNEUMATIC 457 DIA. HEADS
COUPLINGS -	B.R. SCREW
MIN. CURVE -	41m
GEN. ARRGT. DRG. No. -	F-S-2496 & F-AO-19142
BRAKE -	AIR DISC, VACUUM PIPED & HAND LEVER
SUSPENSION -	LONG LINK

ISSUE 1.

EX. BR. DIAGRAM 1/440

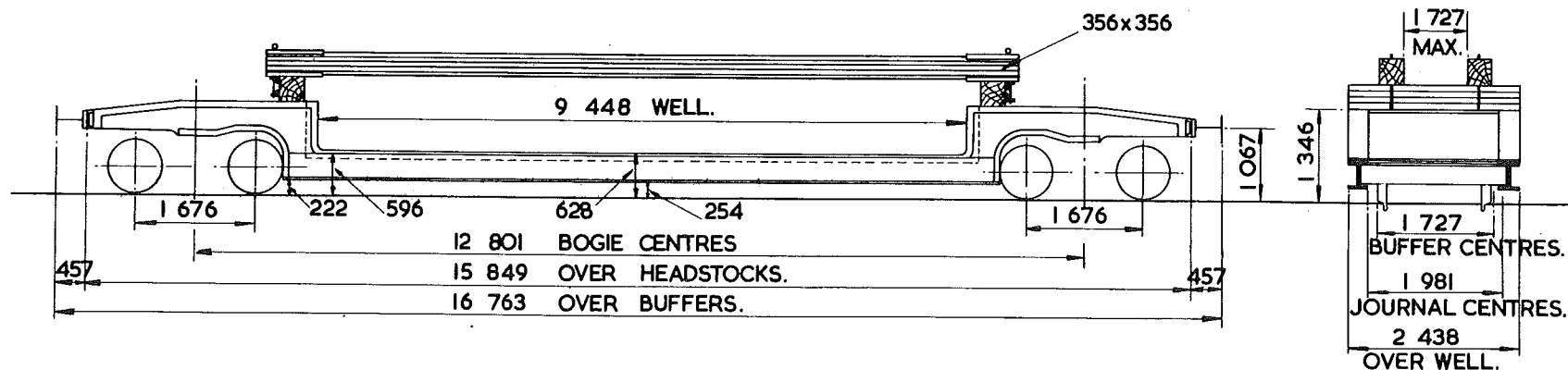
# FLATROL.

XPOO1A

LOT NUMBER
2620

EXCESS LENGTH	7	H	M	L	E
tonnes.	50	41	31	25	
VB					
AB					
RA	2	1	1	1	
MAX SPEED	45	45	45	45	

TOPS CODE										
CARKND		AARKND			OPERATING PANEL No					
X	P	Ø	X	P	Ø	C	7	1	2	1



TARE -	25 <sup>000</sup> kg WITH BAULKS. 22 <sup>500</sup> kg WITHOUT BAULKS.
CARRYING CAPACITY -	25 <sup>500</sup> kg.
CAPACITY -	
MAX SPEED -	45 mile /h.
WHEELS -	812 DIA.
JOURNALS -	228x114 PLAIN BEARINGS.

BUFFERS -	SPINDLE 457 DIA. HEADS.
COUPLINGS -	INSTANTER.
MIN. CURVE -	22 m.
GEN ARRGT. DRG. No. -	13520 N.
BRAKE -	HAND LEVER.
SUSPENSION -	SECONDARY COIL.

6 SHACKLES ARE FITTED TO EACH SOLEBAR IN THE WELL.  
4 LASHING RINGS ARE FITTED TO SOLEBAR OVER BOGIE.  
2 LASHING RINGS ARE FITTED TO HEADSTOCK.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/517.

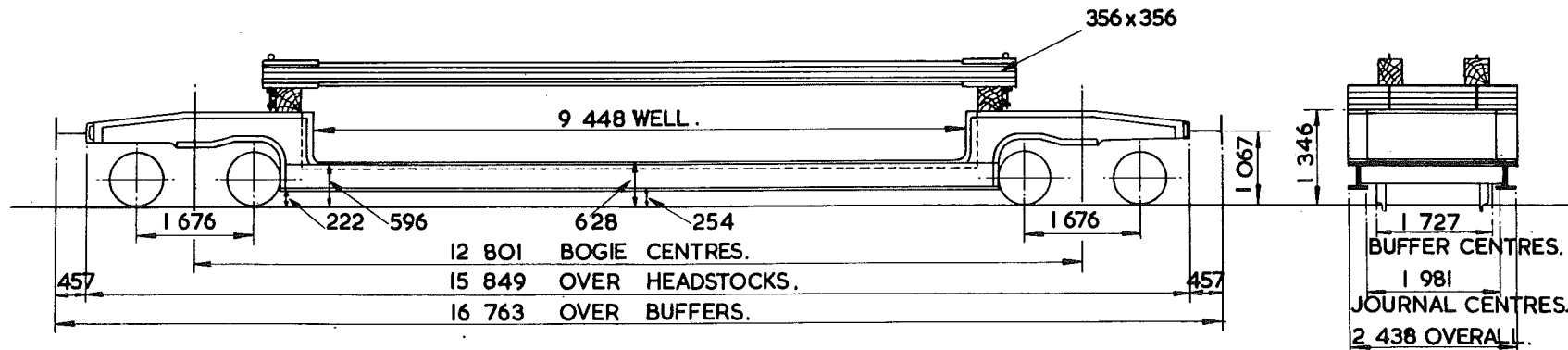
# FLATROL

XPOO1B

LOT NUMBER
2453

EXCESS LENGTH	H	M	L	E
tonnes.	50	41	31	25
VB				
AB	0	0	0	0
RA	2	1	1	1
MAX. SPEED	40	45	45	45

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No				
X	P	Q	X	P	Q	C	7	1	2	2



TARE -	22 <sup>500kg</sup> WITHOUT BAULKS. 25 <sup>500kg</sup> WITH BAULKS.
CARRYING CAPACITY -	25 <sup>500kg</sup>
CAPACITY -	
MAX. SPEED -	45 mile/h.
WHEELS -	812 DIA.
JOURNALS -	228x114 PLAIN BEARINGS.

BUFFERS -	SPINDLE 457 DIA. HEADS.
COUPLINGS -	INSTANTER.
MIN. CURVE -	22 m.
GEN. ARRGT. DRG. No.	-13520 N.
BRAKE -	AIR PIPED, HAND LEVER.
SUSPENSION -	SECONDARY COIL.

6 SHACKLES FITTED TO SOLEBAR IN THE WELL.  
 4 LASHING RINGS FITTED TO SOLEBAR OVER BOGIE.  
 2 LASHING RINGS FITTED TO HEADSTOCK.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/517.



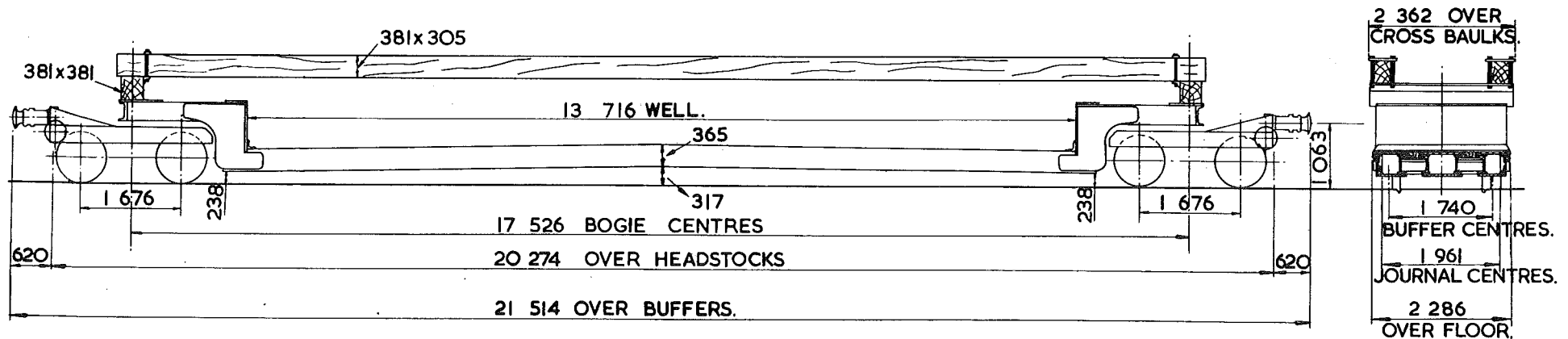
# FLATROL

XPOO2A

LOT NUMBER
2953

EXCESS LENGTH	H	M	L	E
tonnes	57	48	39	32
VB	0	0	0	0
AB	0	0	0	0
RA	2	1	1	1
MAX. SPEED	40	45	45	45

TOPS CODE										
CARKND		AARKND			OPERATING PANEL No					
X	P	R	X	P	R	C	7	1	2	3



TARE 32 <sup>450</sup> kg WITH BAULKS, 29 <sup>950</sup> kg WITHOUT BAULKS
CARRYING CAPACITY - 25 <sup>500</sup> kg.
CAPACITY -
MAX. SPEED - 45 mile/h
WHEELS - 876 DIA.
JOURNALS - 124 DIA. ROLLER BEARINGS.

BUFFERS - SELF CONTAINED 400 DIA. HEADS.
COUPLINGS - INTERNATIONAL SCREW.
MIN. CURVE - 31m.
GEN ARRGT. DRG. No. - DE 21244
BRAKE - AIR PIPED, VACUUM PIPED, HAND SCREW.
SUSPENSION - SECONDARY COIL.

4 DOUBLE SETS OF BINDING RINGS FITTED TO EACH SOLEBAR.

ISSUE 1.

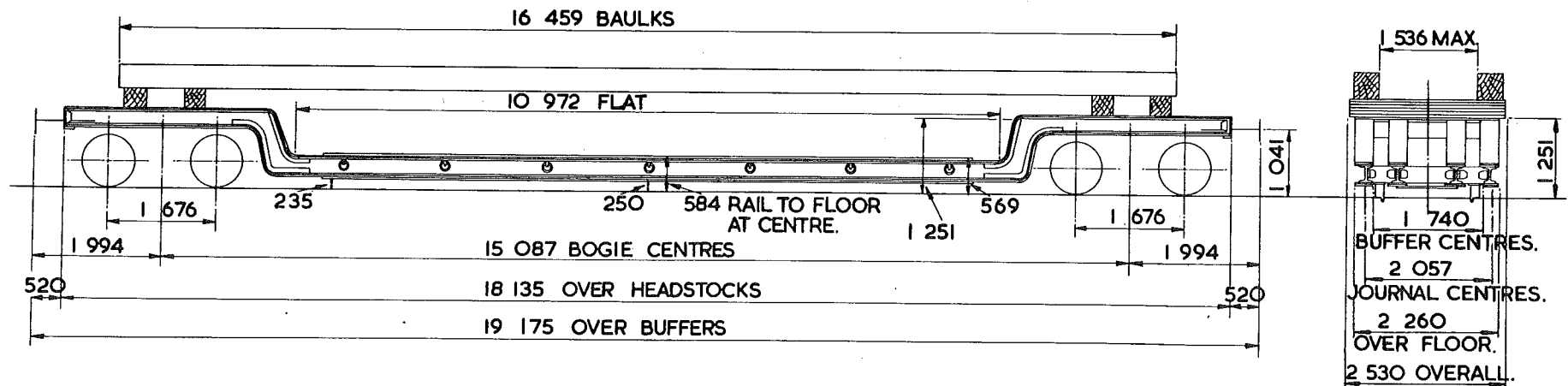
# FLATROL

XPOO3A

LOT NUMBER
2571

EXCESS LENGTH	10	H	M	L	E
tonnes	71	59	48	41	
VB					
AB	0	0	0	0	
RA	5	4	2	1	
MAX. SPEED	40	45	45	45	

TOPS CODE					
CARKND	AARKND	OPERATING PANEL No			
X P Q	X P Q D	5	3	9	



TARE	40 <sup>750</sup> kg WITH BAULKS, 35 <sup>700</sup> kg WITHOUT BAULKS
CARRYING CAPACITY -	30 <sup>500</sup> kg.
CAPACITY -	
MAX. SPEED -	45 mile/h
WHEELS -	838 DIA.
JOURNALS -	330x170 PLAIN BEARINGS

BUFFERS	SPINDLE 520x317 OVAL HEADS
COUPLINGS	B.R. SCREW
MIN CURVE	31 m
GEN ARRGT DRG No.	DN 20261
BRAKE	AIR PIPED, HAND SCREW
SUSPENSION	SECONDARY COIL

14 BINDING RINGS ARE FITTED TO EACH SOLEBAR IN THE WELL.  
6 BINDING RINGS ARE FITTED TO CROSSBARS IN WELL.

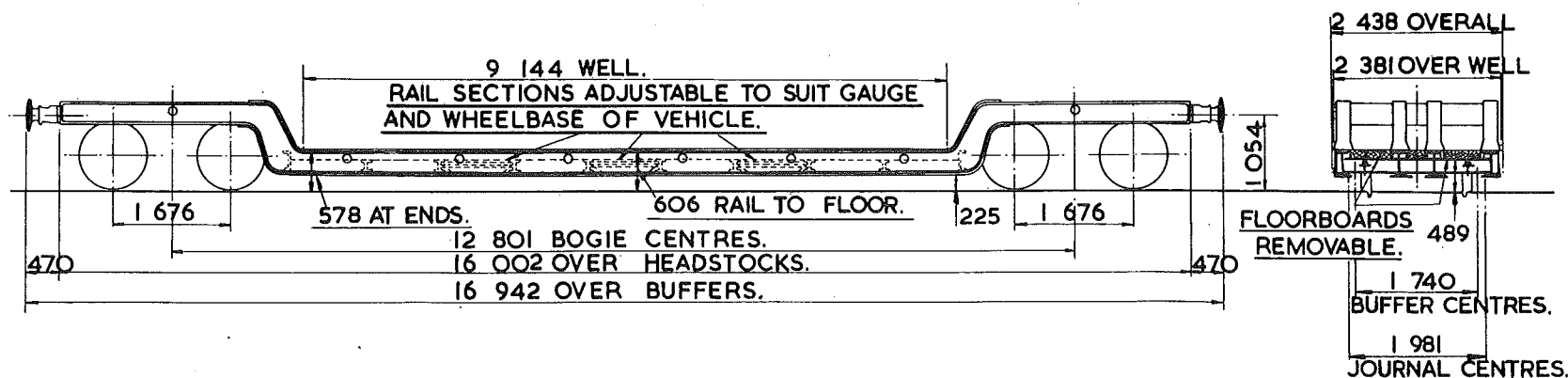
ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/521.

LOT NUMBER
2078

EXCESS LENGTH	7	H	M	L	E
tonnes	67	52	37	27	
VB					
AB					
RA	4	2	1	1	
MAX. SPEED	40	45	45	45	

TOPS CODE					
CARKND	AARKND	OPERATING PANEL NO.			
X P $\phi$	X P $\phi$ F	5	3	8	



TARE 27 <sup>000</sup> kg.
CARRYING CAPACITY- 40 <sup>500</sup> kg.
CAPACITY-
MAX. SPEED 45 mile/h.
WHEELS -965 DIA.
JOURNALS -254 x 152 PLAIN BEARINGS.

BUFFERS SELF CONTAINED 457 DIA.HEADS.
COUPLINGS INSTANTER.
MIN. CURVE - 31m.
GEN. ARRGT DRG. No. W121762.
BRAKE - HAND LEVER.
SUSPENSION - SECONDARY COIL.

6 SHACKLES FITTED TO EACH SOLEBAR IN THE WELL.  
2 BINDING RINGS FITTED TO EACH SOLEBAR OVER BOGIE.  
4 BINDING RINGS FITTED TO CROSSBARS IN WELL.

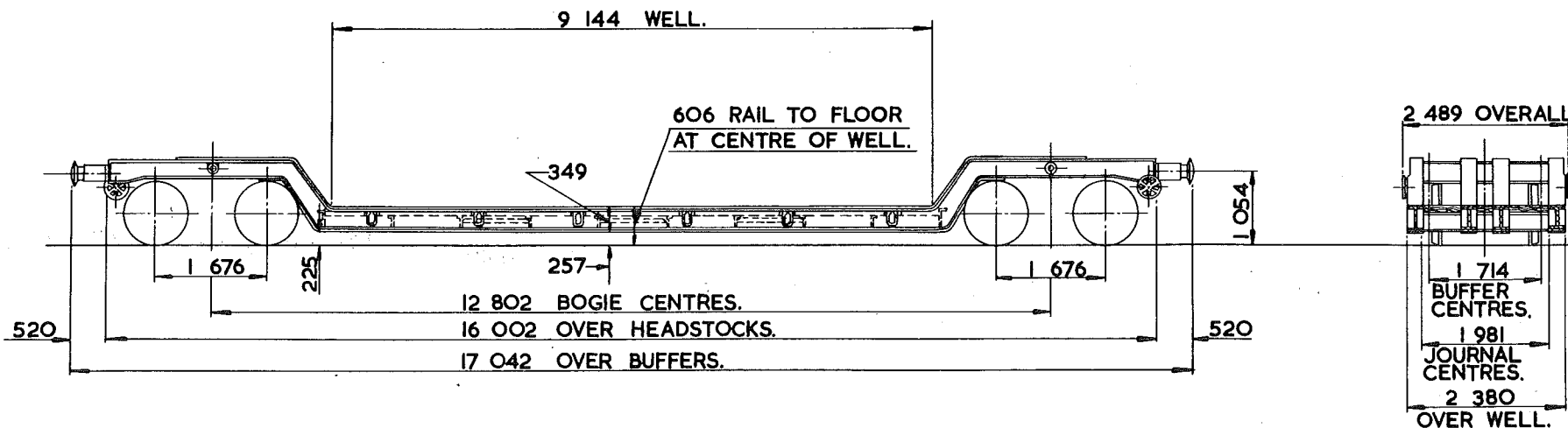
# FLATROL

XPO06B

LOT NUMBER
3266

EXCESS LENGTH	7	H	M	L	E
tonnes	66	51	36	26	
VB	0	0	0	0	
AB					
RA	4	2	1	1	
MAX SPEED	40	45	45	45	

TOPS CODE					
CARKND		AARKND		OPERATING PANEL No	
X	P	P	X	P	P
F			5	4	3



TARE	25700 kg.
CARRYING CAPACITY	40500 kg.
CAPACITY	-
MAX. SPEED	45 mile/h.
WHEELS	952 DIA.
JOURNALS	124 DIA. ROLLER BEARINGS.

BUFFERS	SELF CONTAINED 610x356 OVAL HEADS.
COUPLINGS	INSTANTER.
MIN. CURVE	31m.
GEN. ARRGT. DRG. No.	-SW/SW 483.
BRAKE	VACUUM PIPED, HAND SCREW.
SUSPENSION	SECONDARY COIL.

6 SHACKLES ARE FITTED TO EACH SOLEBAR IN WELL.  
 4 BINDING RINGS ARE FITTED TO CROSSBAR IN WELL.  
 2 BINDING RINGS ARE FITTED TO EACH HEADSTOCK.  
 2 BINDING RINGS ARE FITTED TO EACH SOLEBAR OVER BOGIE.

ISSUE 1.

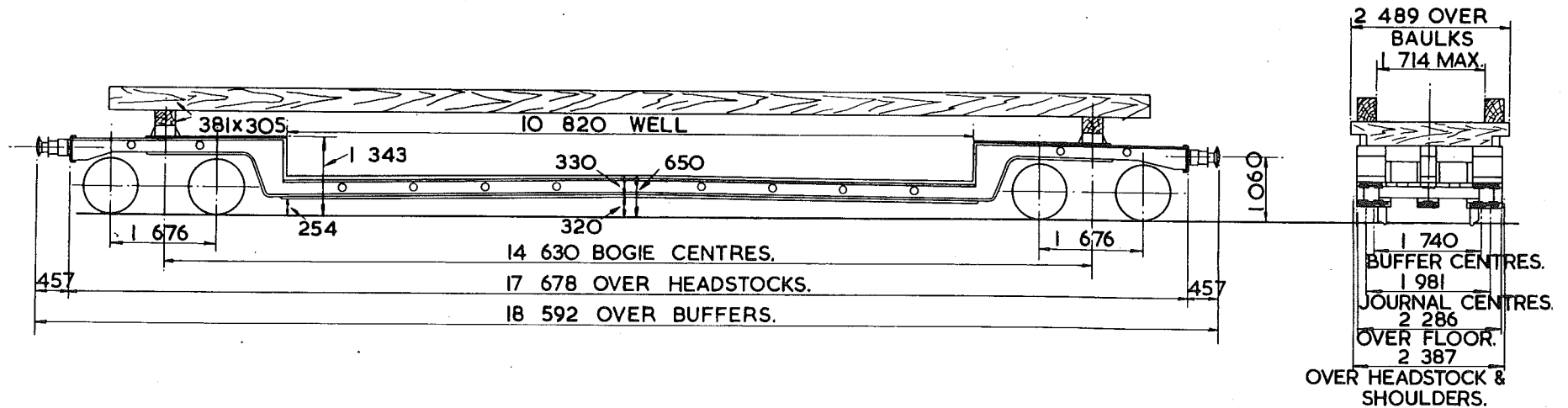
# FLATROL.

XPO07A

LOT NUMBER
2948
3269

EXCESS LENGTH	IO	H	M	L	E
tonnes		78	63	48	38
VB					
AB					
RA		7	5	3	1
MAX SPEED		40	45	45	45

TOPS CODE					
CARKND		AARKND		OPERATING PANE. No	
X	P	Ø	X	P	Ø F
				5	3 6



TARE WITH BAULKS 38600kg, WITHOUT BAULKS 36050kg.
CARRYING CAPACITY - 40500kg.
CAPACITY -
MAX. SPEED 45 mile/h.
WHEELS 952 DIA.
JOURNALS - 254x152 PLAIN BEARINGS.

BUFFERS SELF CONTAINED 610x356 OVAL HEADS.
COUPLINGS INSTANTER.
MIN. CURVE - 21m.
GEN. ARRGT. DRG No. - DE/1675.
BRAKE - HAND SCREW.
SUSPENSION SECONDARY COIL.

6 SHACKLES ARE FITTED TO EACH SOLEBAR IN WELL.  
4 SHACKLES ARE FITTED TO EACH SOLEBAR OVER BOGIE.  
12 BINDING RINGS ARE FITTED TO CROSSBARS IN WELL.

ISSUE 1.



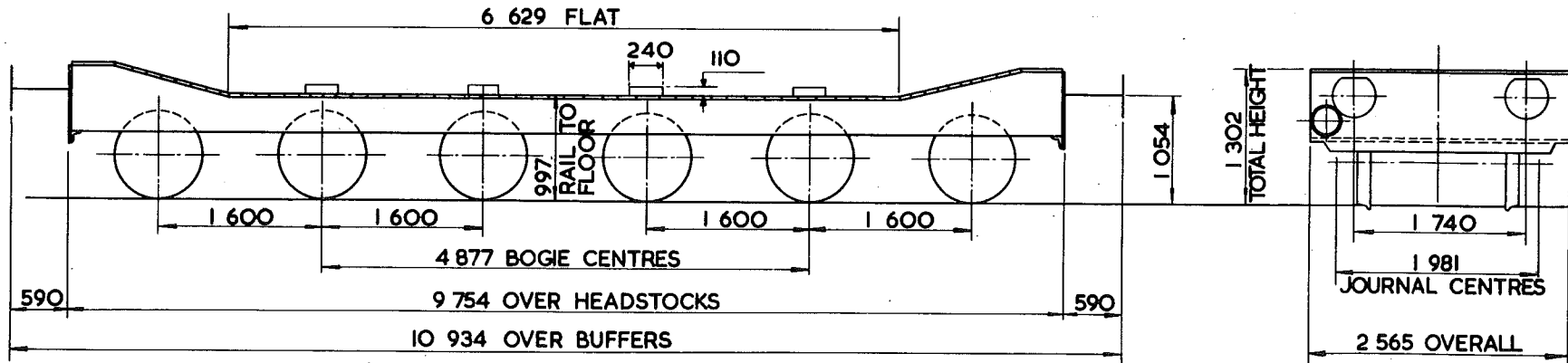
# FLATROL

XPO12A

LOT NUMBER
1646

EXCESS LENGTH	H	M	L	E
tonnes	110	80	50	30
VB				
AB				
RA	0	0	0	0
MAX. SPEED	35	35	35	35

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No				
X	P	Ø	X	P	Ø	H	7	1	3	0



TARE -	29 200 kg
CARRYING CAPACITY -	81 500 kg
CAPACITY -	
MAX. SPEED -	35 mile/h.
WHEELS -	838 DIA.
JOURNALS -	280 x 140 PLAIN BEARINGS

BUFFERS -	SELF CONTAINED 400 DIA. HEADS
COUPLINGS -	SCREW
MIN. CURVE -	36 m.
GEN. ARRGT. DRG. No. -	D13/3966
BRAKE -	HAND SCREW
SUSPENSION -	EYEBOLT

NOTE: PERMISSION MUST BE OBTAINED FROM THE CIVIL ENGINEER FOR LOADS OVER 30500kg.

6 BINDING RINGS FITTED TO EACH SOLEBAR.

4 BINDING CHAINS WITH SCREW COUPLINGS ARE LOCATED IN WELL.

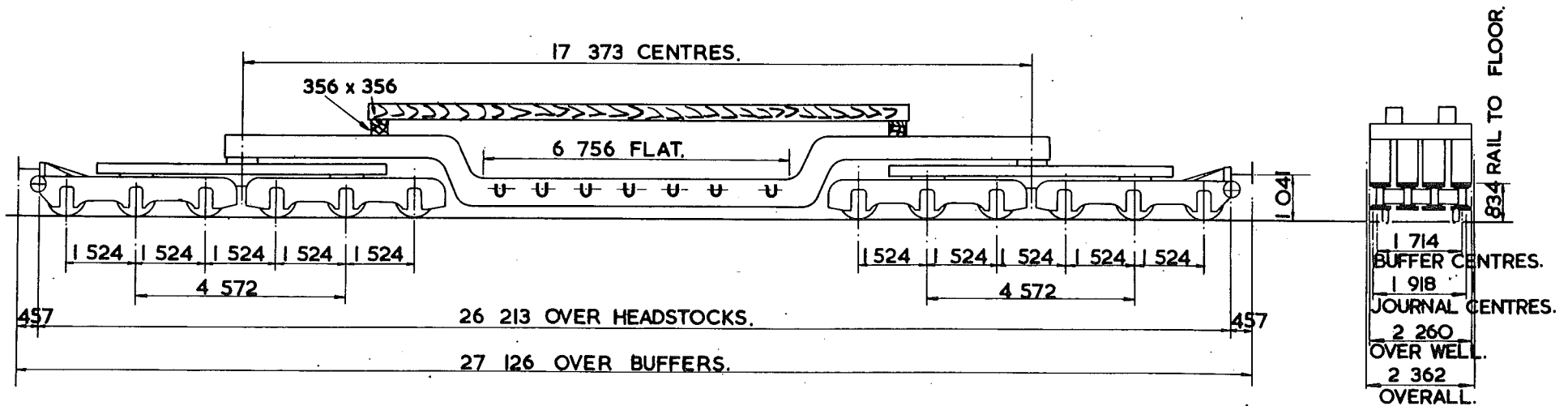
ISSUE 1.

EX. W.R. DIAGRAM G48

LOT NUMBER
2893

EXCESS LENGTH	23	H	M	L	E
tonnes	217	172	127	97	
VB					
AB	0	0	0	0	
RA	0	0	0	0	
MAX. SPEED	35	35	35	35	

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No				
X	P	Q	X	P	Q	K	7	1	0	5



TARE -WITH BAULKs 98 <sup>050</sup> kg, WITHOUT BAULKs 94 <sup>100</sup> kg
CARRYING CAPACITY-122 <sup>000</sup> kg.
CAPACITY-
MAX. SPEED - 35 mile/h
WHEELS - 914 DIA.
JOURNALS -140 DIA. ROLLER BEARINGS.

BUFFERS - SELF CONTAINED 457 DIA. HEADS.
COUPLINGS - INSTANTER.
MIN. CURVE - 22m.
GEN. ARRGT. DRG. No. - I4370N, I4372N, I4373N.
BRAKE - AIR PIPED, HAND SCREW.
SUSPENSION - EYEBOLT

7 SHACKLES ARE FITTED TO EACH SOLEBAR IN THE WELL.  
 4 SHACKLES ARE FITTED TO EACH SOLEBAR OVER BOGIE.  
 2 BINDING CHAINS WITH SCREW COUPLINGS ARE IN CHAIN BOXES.

ISSUE 1.

EX. BR. SPECIAL DIAGRAM 2/519.



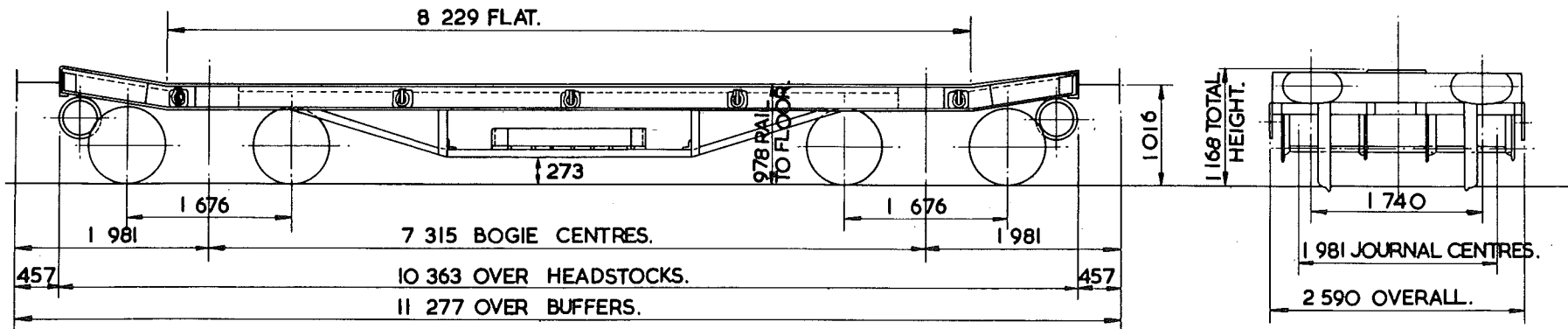
# RECTANK.

XROO1A.

LOT NUMBER
3165
3259

EXCESS LENGTH	H	M	L	E
tonnes.	54	39	25	16
VB	0	0	0	0
AB				
RA	2	1	1	1
MAX. SPEED	50	50	50	50

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No			
X	R	P	X	R	P	R	5	2	9



TARE -	15 400 kg.
CARRYING CAPACITY -	38 500 kg.
CAPACITY -	
MAX. SPEED -	50 mile/h.
WHEELS -	762 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS.

BUFFERS -	SELF CONTAINED 610x356 OVAL HEADS.
COUPLINGS -	INSTANTER.
MIN. CURVE -	22 m
GEN. ARRGT. DRG. No. -	DN 28013.
BRAKE -	VACUUM PIPED, HAND SCREW.
SUSPENSION -	SECONDARY COIL.

5 LASHING RINGS ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/440.

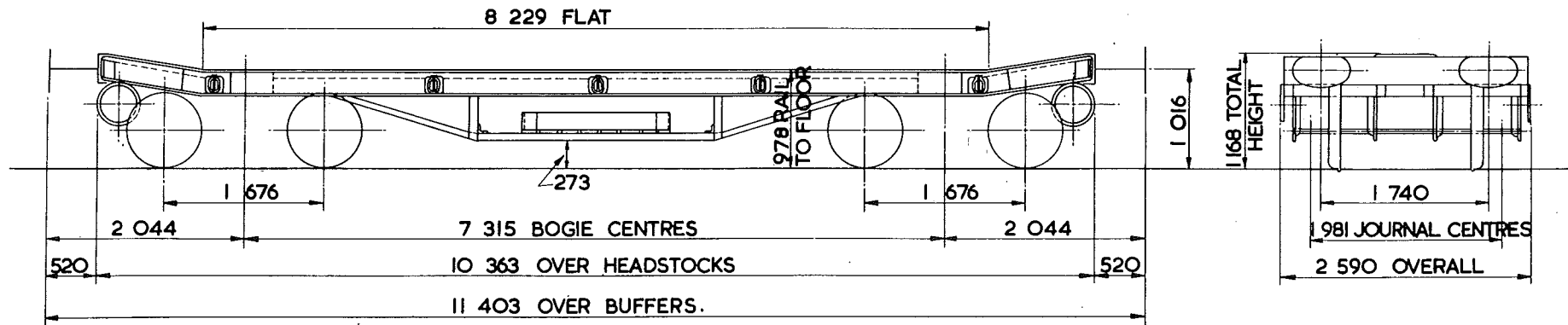
# RECTANK

XROO1B

LOT NUMBER
PART 3299

EXCESS LENGTH	H	M	L	E
tonnes	54	39	25	16
VB	0	0	0	0
AB				
RA	2	1	1	1
MAX. SPEED	50	50	50	50

TOPS CODE					
CARKND	AARKND	OPERATING PANEL No			
X	R	P	X	R	P R
					5 2 9



TARE	15400 kg
CARRYING CAPACITY	38500 kg
CAPACITY	
MAX. SPEED	50 mile/h
WHEELS	762 DIA.
JOURNALS	124 DIA. ROLLER BEARINGS.

BUFFERS	SELF CONTAINED 610x356 OVAL HEADS
COUPLINGS	INSTANTER
MIN. CURVE	22 m
GEN. ARRGT. DRG. No	DN 28013
BRAKE	VACUUM PIPED, HAND SCREW.
SUSPENSION	SECONDARY COIL

5 LASHING RINGS ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/440

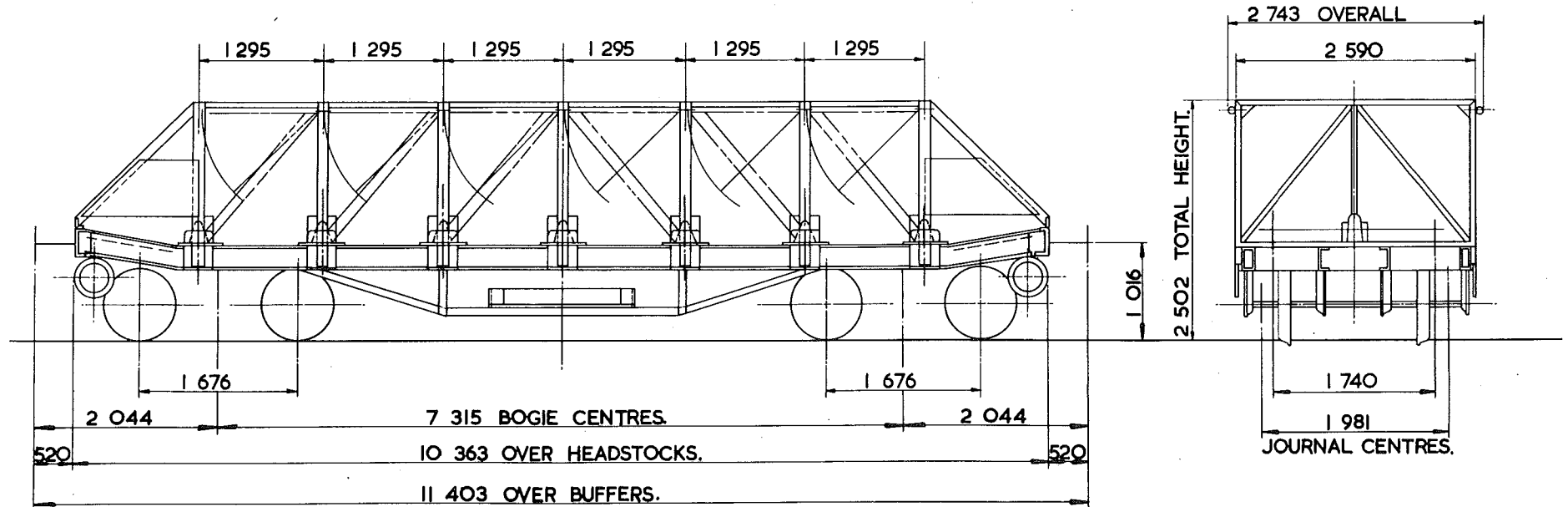
# RECTANK FOR CONVEYANCE OF TOTE BINS.

XR 001D

LOT NUMBER
<b>PART 3299</b>

EXCESS LENGTH	H	M	L	E
tonnes	54	39	25	17
VB	0	0	0	0
AB				
RA	2	1	1	1
MAX. SPEED	50	50	50	50

TOPS CODE					
CARKND		AARKND		OPERATING PANEL No.	
X	R	P	X	R	P
C	5	2	9		



TARE --	16 900 kg.
CARRYING CAPACITY --	38 500 kg.
CAPACITY --	
MAX. SPEED --	50 mile/h
WHEELS --	762 DIA.
JOURNALS --	124 DIA. ROLLER BEARINGS

BUFFERS --	HYDRO-PNEUMATIC 610 x 356 OVAL HEADS
COUPLINGS --	INSTANTER
MIN. CURVE --	22 m
GEN. ARRGT. DRG. No. --	DY/F-AO-5850, DN 28013
BRAKE --	VACUUM PIPED, HAND SCREW
SUSPENSION --	SECONDARY COIL

ISSUE 1.

EX. B.R. DIAGRAM 1/138

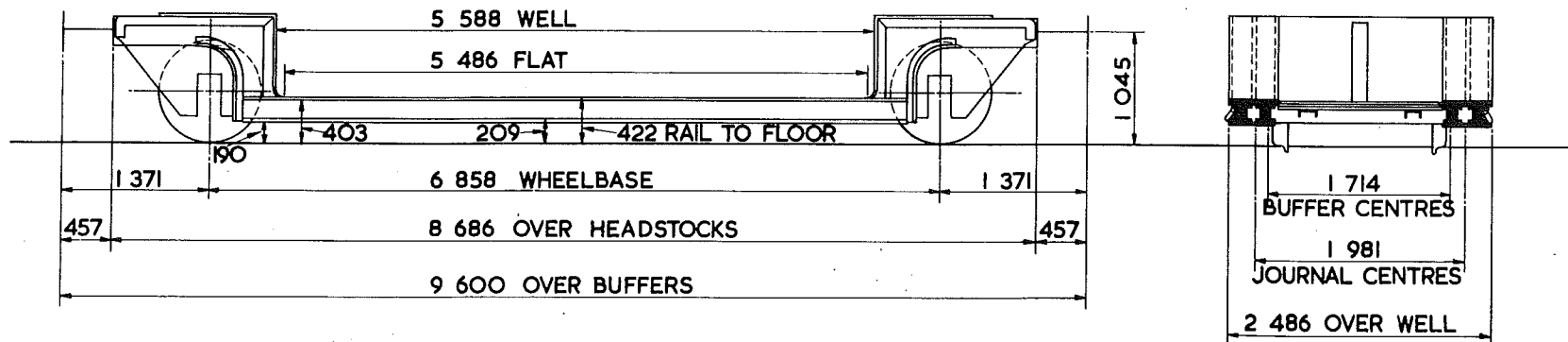
# CONCRETE BEAM SPACER WAGON

X\$001A

LOT NUMBER
EX. LOT. 2619
EX. LOT. 2936

EXCESS LENGTH	H	M	L	E
tonnes	14	14	14	14
VB				
AB				
RA	1	1	1	1
MAX SPEED	45	45	45	45

TOPS CODE										
CARKND		AARKND			OPERATING PANEL No					
X	\$	Ø	X	\$	Ø	\$	7	1	1	4



TARE	14 000 kg.
CARRYING CAPACITY -	
CAPACITY -	
MAX. SPEED -	45 mile/h
WHEELS -	952 DIA.
JOURNALS	254 x 140 PLAIN BEARINGS

BUFFERS -	SELF CONTAINED 356 DIA. HEADS
COUPLINGS -	B. R. SCREW
MIN. CURVE -	22 m
GEN. ARRGT. DRG. No. -	15189D
BRAKE -	HAND LEVER
SUSPENSION -	EYEBOLT

EX. E.R DIAGRAM 2/811

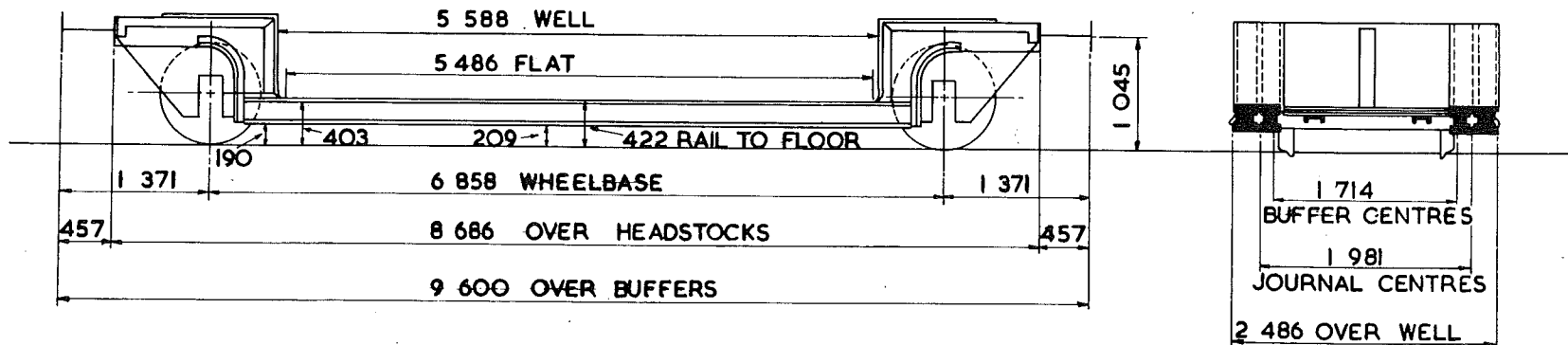
# CONCRETE BEAM SPACER WAGON

X\$ 001B

LOT NUMBER
EX LOT 2619
EX LOT 2936

EXCESS LENGTH	H	M	L	E
tonnes	14	14	14	14
VB	0	0	0	0
AB				
RA	1	1	1	1
MAX. SPEED	45	45	45	45

TOPS CODE										
CARKND		AARKND			OPERATING PANEL No					
X	\$	P	X	\$	P	S	7	1	8	0



TARE -	14 000 kg
CARRYING CAPACITY -	
CUBIC CAPACITY -	
MAX. SPEED -	45 mile/h
WHEELS -	952 DIA
JOURNALS -	254 x 140 PLAIN BEARINGS

BUFFERS -	SELF CONTAINED 356 DIA HEADS
COUPLINGS -	INSTANTER
MIN. CURVE -	22m
GEN. ARRGT. DRG. No. -	15189 D
BRAKE -	VACUUM PIPE, HAND LEVER
SUSPENSION -	EYEBOLT

ISSUE 1.

EX. E.R. DIAGRAM 2/811

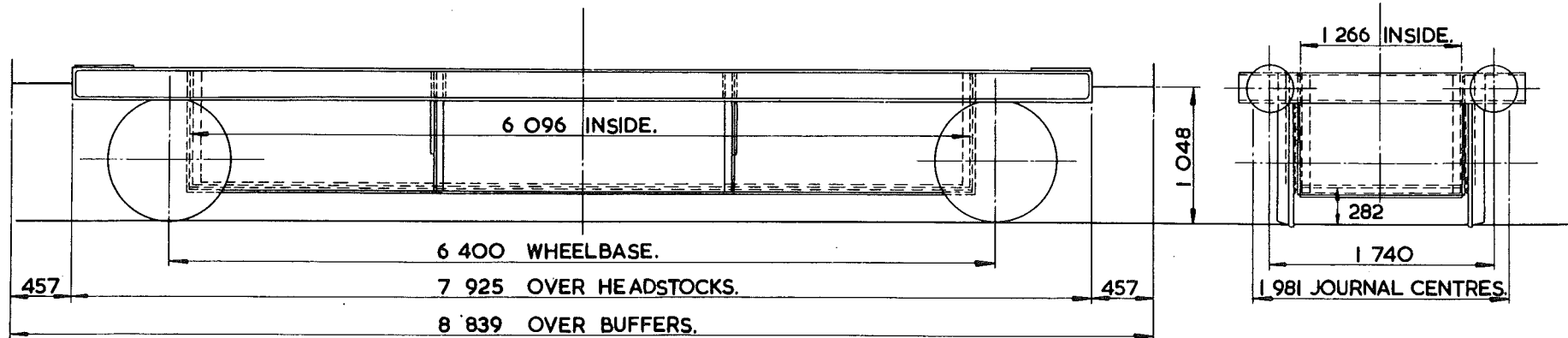
# CONCRETE BEAM SPACER WAGON

X\$002A

LOT NUMBER
2543

EXCESS LENGTH	4	H	M	L	E
tonnes	8	8	8	8	8
VB					
AB					
RA	1	1	1	1	
MAX SPEED	50	50	50	50	

TOPS CODE											
CARKND				AARKND				OPERATING PANEL No			
X	\$	Ø	X	\$	Ø	G	7	1	2	8	



TARE	8200 kg.
CARRYING CAPACITY-	
CAPACITY-	
MAX SPEED --	50 mile/h.
WHEELS -	952 DIA.
JOURNALS -	228 x 108 PLAIN BEARINGS.

BUFFERS -	SELF CONTAINED 330 DIA. HEADS.
COUPLINGS -	INSTANTER.
MIN. CURVE -	41m.
GEN. ARRGT. DRG. No. -	SW/DE 1668
BRAKE --	HAND LEVER.
SUSPENSION -	-SHOE

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/810.

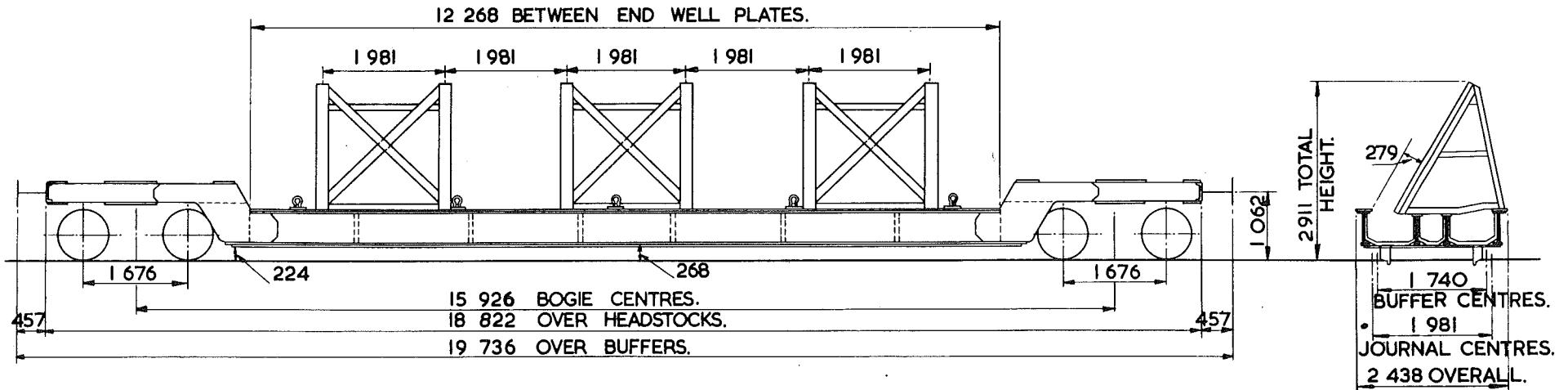
# TRESTROL

XTOO2A

LOT NUMBER
2205

EXCESS LENGTH	II	H	M	L	E
tonnes.	68	53	38	28	
VB					
AB					
RA	5	3	1	1	
MAX SPEED	40	45	45	45	

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No			
X	T	Ø	X	T	Ø	T	5	4	6



TARE -	27 <sup>500</sup> kg WITH TRESTLES 25 <sup>500</sup> kg WITHOUT TRESTLES
CARRYING CAPACITY-	40 <sup>500</sup> kg.
CAPACITY -	
MAX. SPEED -	45 mile/h.
WHEELS -	824 DIA.
JOURNALS -	254x127 PLAIN BEARINGS.

BUFFERS -	SELF CONTAINED 610 x 356 OVAL HEAD
COUPLINGS -	INSTANTER.
MIN. CURVE -	31m.
GEN. ARRGT. DRG. No.	DI3/4193.
BRAKE -	HAND LEVER.
SUSPENSION -	SECONDARY COIL.

5 SHACKLES ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

EX. B.R.SPECIAL DIAGRAM 2/680.

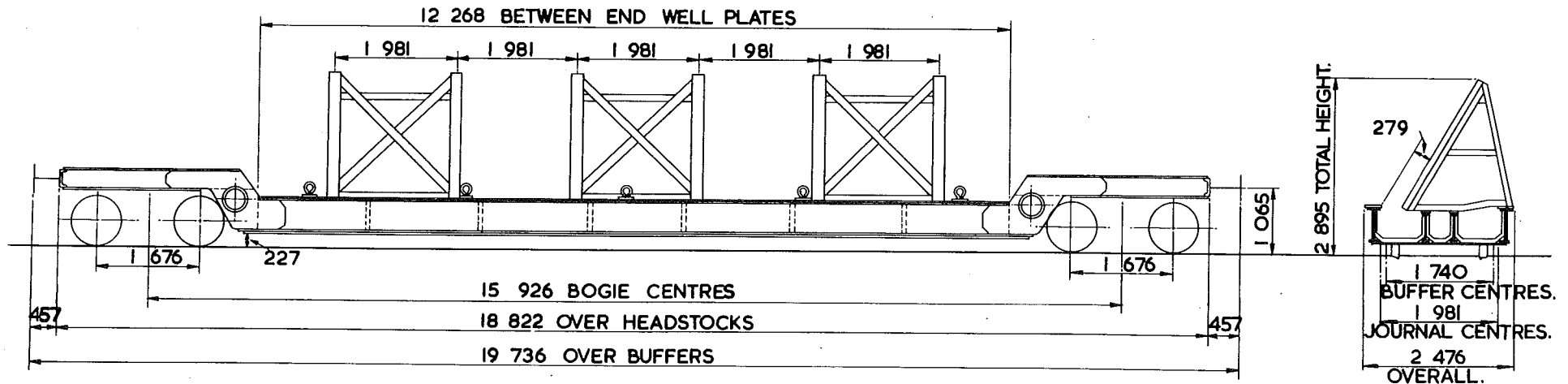
# TRESTOL

XTOO2B

LOT NUMBER
2355
3017

EXCESS LENGTH	H	M	L	E
tonnes	69	54	39	29
VB				
AB				
RA	6	3	1	1
MAX. SPEED	40	45	45	45

TOPS CODE						
CARKND	AARKND		OPERATING PANEL No.			
X T Ø	X T Ø	T	5	4	7	



TARE	29 <sup>000</sup> kg WITH TRESTLES 27 <sup>050</sup> kg. WITHOUT TRESTLES.
CARRYING CAPACITY	40 <sup>500</sup> kg
CAPACITY	—
MAX. SPEED	45 mile/h
WHEELS	952 DIA.
JOURNALS	254x127 PLAIN BEARINGS

BUFFERS	SELF CONTAINED 356x610 OVAL HEADS
COUPLINGS	INSTANTER
MIN. CURVE	31 m
GEN. ARRGT. DRG. No.	DE 34452
BRAKE	HAND SCREW
SUSPENSION	SECONDARY COIL

5 SHACKLES FITTED TO EACH SOLEBAR.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/682.



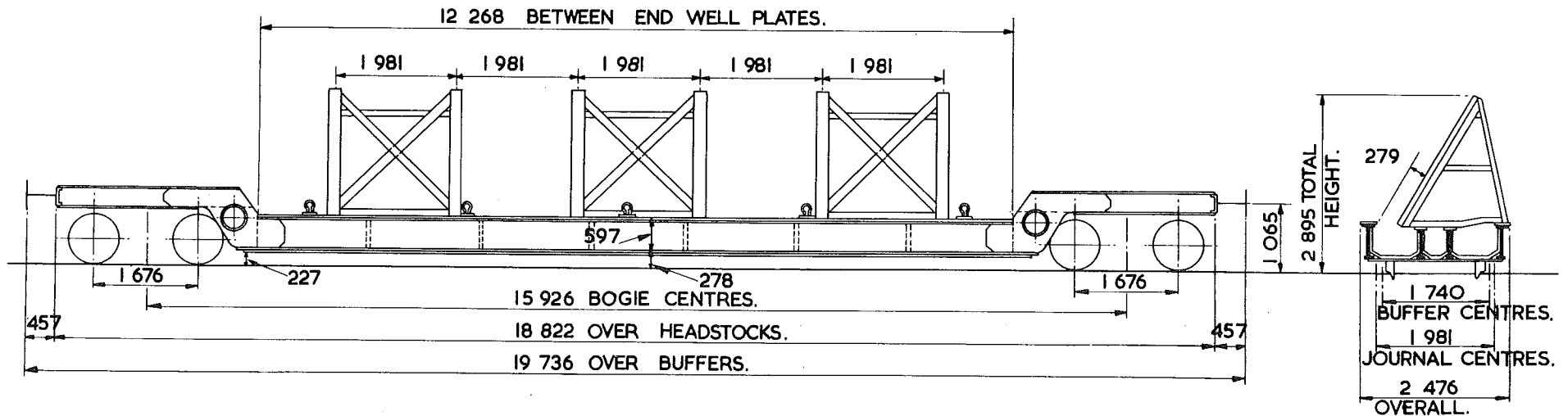
# TRESTROL.

XTOO2C

LOT NUMBER
3112
3247
3309

EXCESS LENGTH II	H	M	L	E
tomes.	69	54	39	29
VB	0	0	0	0
AB				
RA	6	3	1	1
MAX. SPEED	40	45	45	45

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No.				
X	T	P	X	T	P	T	5	4	8	



TARE -	29 <sup>000</sup> kg. WITH TRESTLES 27 <sup>050</sup> kg WITHOUT TRESTLES.
CARRYING CAPACITY-	40 <sup>500</sup> kg.
CAPACITY-	
MAX. SPEED -	45mile/h.
WHEELS -	952 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS

BUFFERS -	SELF CONTAINED 356 x 610 OVAL HEADS
COUPLINGS -	INSTANTER.
MIN. CURVE -	31m.
GEN ARRGT. DRG. No. -	DE 34452.
BRAKE -	VACUUM PIPED, HAND SCREW.
SUSPENSION -	SECONDARY COIL.

5 SHACKLES ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

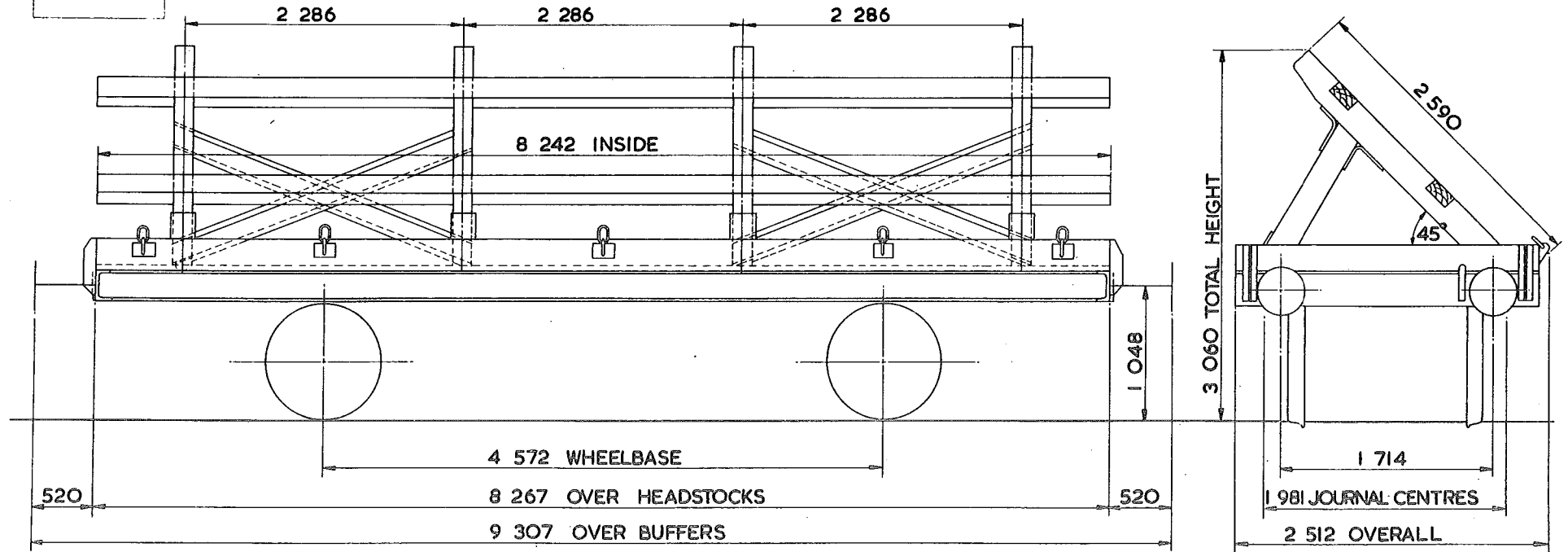
# TRESTLE WAGON

XU001C

LOT NUMBER
3124

EXCESS LENGTH	5	H	M	L	E
tonnes	33	25	17	12	
VB	6	6	6	6	
AB					
FA	3	1	1	1	
MAX SPEED	60	60	60	60	

TOPS CODE									
CARKND			AARKND			OPERATING PANEL NO.			
X	U	V	X	U	V	T	5	3	2



TARE -	11300 kg
CARRYING CAPACITY -	21500 kg
CAPACITY -	
MAX SPEED -	60 mile/h
WHEELS -	952 DIA.
JOURNALS -	228x127 PLAIN BEARINGS

BUFFERS -	HYDRAULIC 406 DIA. HEADS
COUPLINGS	B.R. SCREW
MIN. CURVE -	31 m
GEN. ARRGT DRG. No. -	DN 27620
BRAKE -	VACUUM BLOCK, HAND LEVER
SUSPENSION -	SHOE

5 BINDING RINGS FITTED TO THE SOLEBAR BRACKET, ONE SIDE ONLY.  
4 BINDING RINGS FITTED TO OPPOSITE SOLEBAR ONLY.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/492

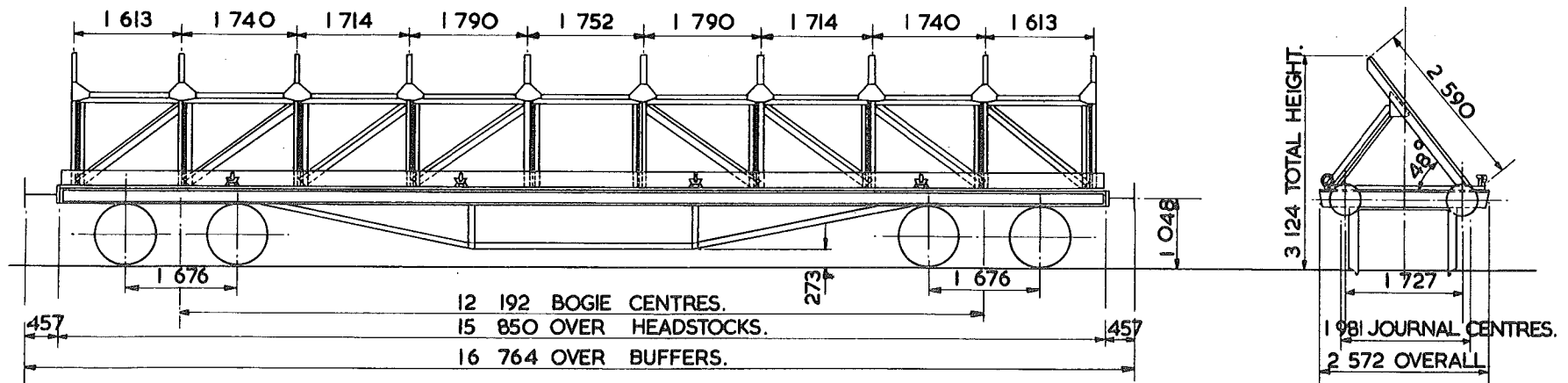
# TRESTLE WAGON.

XV001A.

LOT NUMBER
2434
3066

EXCESS LENGTH	7	H	M	L	E
tonnes.	63	47	31	21	
VB					
AB					
RA	3	1	1	1	
MAX. SPEED	40	50	50	50	

TOPS CODE					
CARKND		AARKND		OPERATING PANEL No.	
X	V	Ø	X	V	Ø
T			5	3	1



TARE --	20 450kg.
CARRYING CAPACITY --	42 500kg.
CAPACITY --	
MAX. SPEED --	50 mile/h.
WHEELS --	939 DIA.
JOURNALS --	254x127 PLAIN BEARINGS.

BUFFERS --	SPINDLE 457 DIA. HEADS.
COUPLINGS --	INSTANTER.
MIN. CURVE --	22 m.
GEN. ARRGT. DRG. No. --	18289N.
BRAKE --	HAND LEVER.
SUSPENSION --	SECONDARY COIL.

4 BINDING RINGS ARE FITTED TO BRACKETS ATTACHED TO SOLEBAR.  
4 LASHING RINGS FITTED TO OPPOSITE SOLEBAR.

ISSUE 1,

EX. BR. SPECIAL DIAGRAM 2/491.

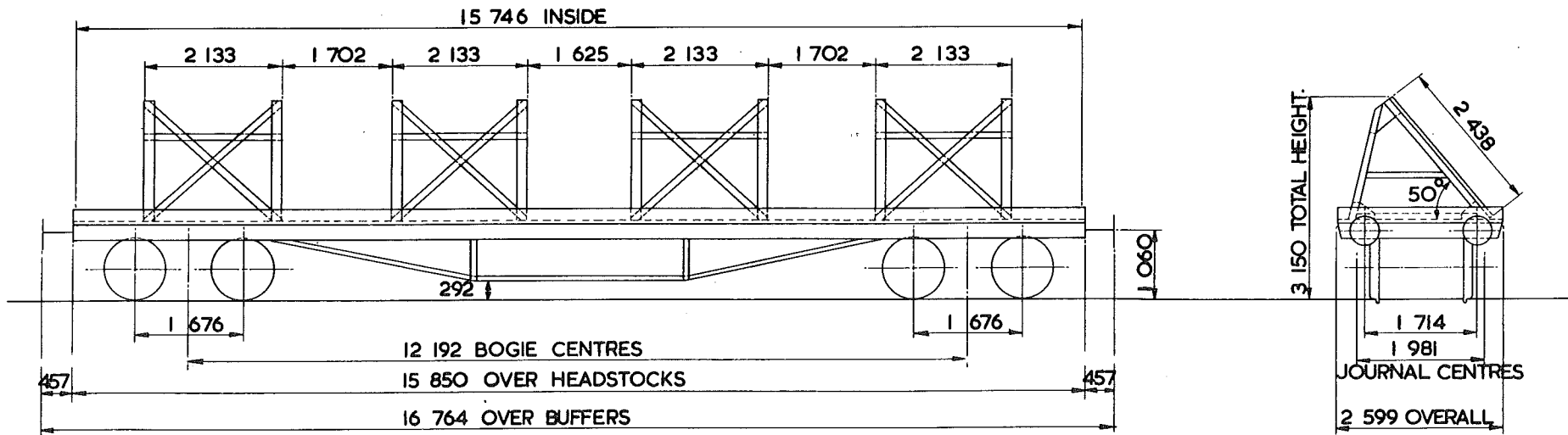
# TRESTLE WAGON

XVOO2A

LOT NUMBER
2690
2691
2852

EXCESS LENGTH	7	H	M	L	E
tonnes	64	48	33	22	
VB					
AB					
RA	4	2	1	1	
MAX. SPEED	40	50	50	50	

TOPS CODE									
CARKND				AARKND				OPERATING PANEL No.	
X	V	Ø	X	V	Ø	T	5	3	4



TARE	22 000 kg
CARRYING CAPACITY	42 500 kg
CAPACITY	
MAX. SPEED	50 mile/h
WHEELS	952 DIA.
JOURNALS	254 x 127 PLAIN BEARINGS

BUFFERS	SPINDLE 457 DIA. HEADS.
COUPLINGS	INSTANTER
MIN. CURVE	22 m
GEN. ARRGT. DRG. No.	18533 N & CO/22524
BRAKE	HAND LEVER
SUSPENSION	SECONDARY COIL

4 BINDING RINGS ARE FITTED TO BRACKETS ATTACHED TO SOLEBAR  
4 BINDING RINGS ARE FITTED TO OPPOSITE SOLEBAR.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/494.

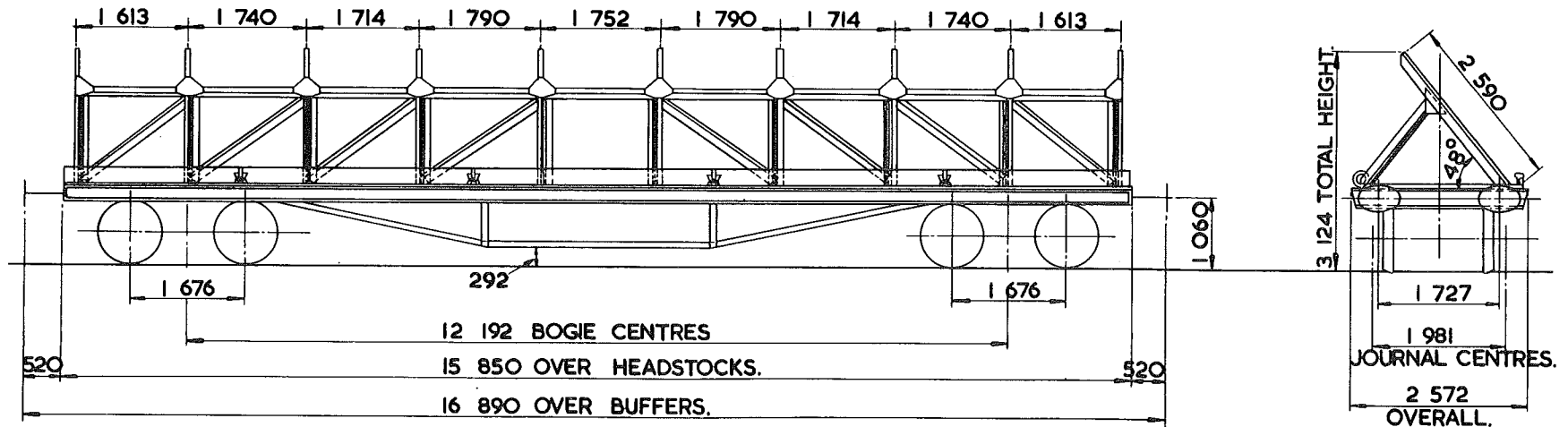
# TRESTLE WAGON

XV003A

LOT NUMBER
3231

EXCESS LENGTH	7	H	M	L	E
tonnes	63	47	31	21	
VB	11	11	11	11	
AB					
RA	3	1	1	1	
MAX. SPEED	50	60	60	60	

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No.			
X	V	V	X	V	V	T	5	3	3



TARE -	20450kg.
CARRYING CAPACITY-	42500kg.
CAPACITY-	
MAX. SPEED -	60mle/h.
WHEELS -	952 DIA.
JOURNALS -	254x127 PLAIN BEARINGS.

BUFFERS -	SELF CONTAINED 610 x356 OVAL HEADS.
COUPLINGS -	INSTANTER.
MIN. CURVE -	22m.
GEN. ARRGT. DRG. No. -	DN.21932.
BRAKE -	VACUUM BLOCK,HAND SCREW.
SUSPENSION -	SECONDARY COIL.

4 BINDING RINGS ARE FITTED TO BRACKETS ATTACHED TO SOLEBAR.  
4 LASHING RINGS FITTED TO OPPOSITE SOLEBAR.

ISSUE 1.

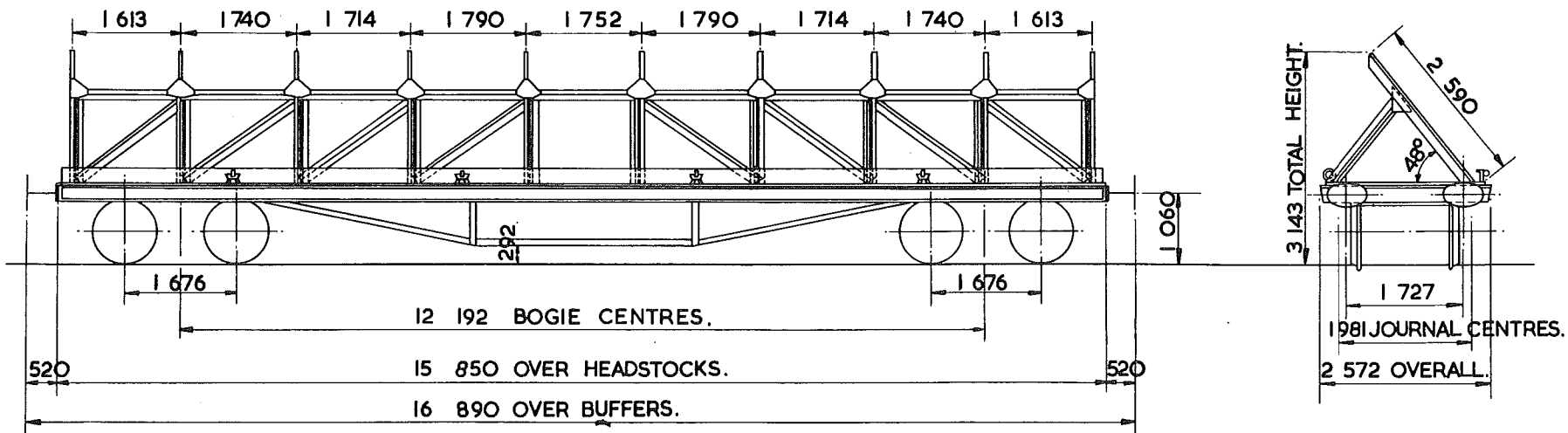
# TRESTLE WAGON.

XV003B.

LOT NUMBER
3410

EXCESS LENGTH	7	H	M	L	E
tonnes.	63	47	31	21	
VB	11	11	11	11	
AB					
RA	3	1	1	1	
MAX. SPEED	50	60	60	60	

TOPS CODE									
CARKND				AARKND			OPERATING PANEL No.		
X	V	V	X	V	V	T	5	3	3



TARE --	21 050 kg.
CARRYING CAPACITY -	42 500 kg.
CAPACITY -	
MAX. SPEED --	60 mile/h.
WHEELS --	952 DIA.
JOURNALS --	124 DIA. ROLLER BEARINGS.

BUFFERS --	SELF CONTAINED 610x356 OVAL HEADS.
COUPLINGS --	INSTANTER.
MIN. CURVE --	22m.
GEN. ARRGT. DRG. No. --	DN 29758.
BRAKE --	VACUUM BLOCK, HAND LEVER.
SUSPENSION --	SECONDARY COIL.

4 BINDING RINGS ARE FITTED TO BRACKETS ATTACHED TO SOLEBAR.  
4 LASHING RINGS FITTED TO OPPOSITE SOLEBAR.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/495

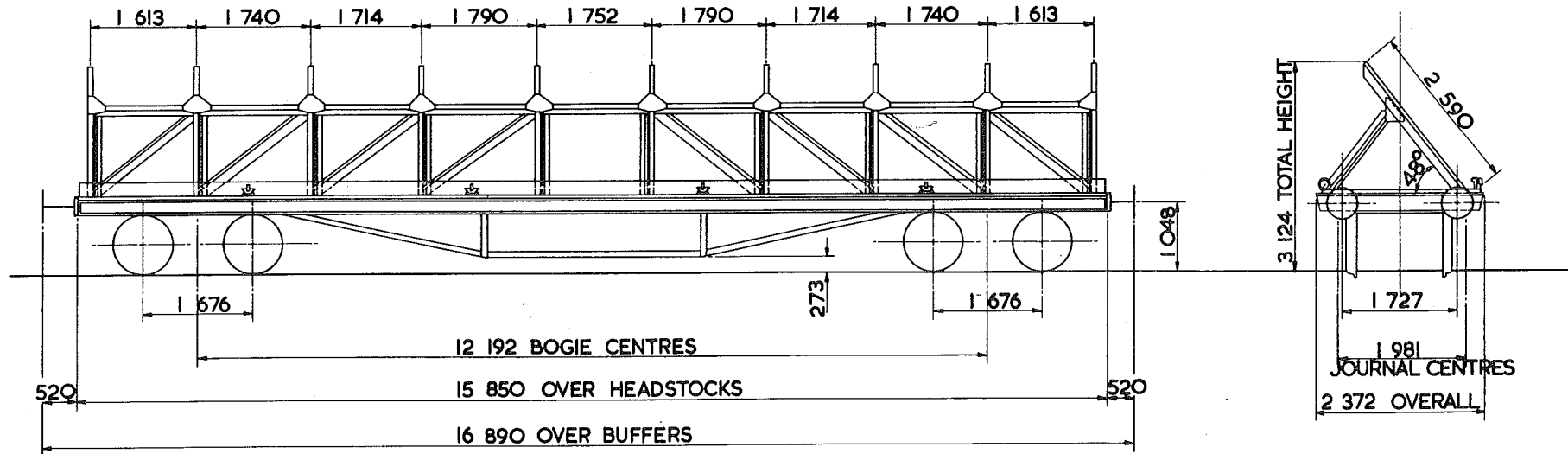
# TRESTLE WAGON

XV004A

LOT NUMBER
3911

EXCESS LENGTH	7	H	M	L	E
tonnes	64	49	32	22	
VB					
AB	28	28	18	18	
RA	3	1	1	1	
MAX SPEED	60	60	60	60	

TOPS CODE								
CARKND			AARKND			OPERATING PANEL No.		
X	V	A	X	V	A	T	O	5 9 1



TARE -	20450 kg
CARRYING CAPACITY -	43000 kg
CAPACITY -	
MAX. SPEED -	60 mile/h
WHEELS -	939 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS

BUFFERS -	SELF CONTAINED 457 DIA. HEADS
COUPLINGS -	INSTANTER
MIN. CURVE -	22mm
GEN. ARRGT. DRG. No. -	18289N
BRAKE -	AIR BLOCK & HAND SCREW
SUSPENSION -	SECONDARY COIL

4 BINDING RINGS ARE FITTED TO BRACKETS ATTACHED TO SOLEBAR.  
4 LASHING RINGS FITTED TO OPPOSITE SOLEBAR.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/491

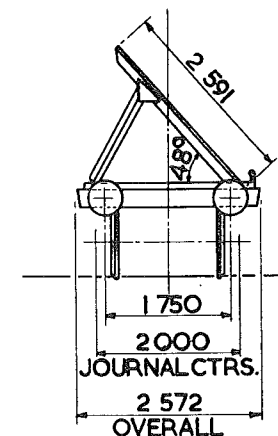
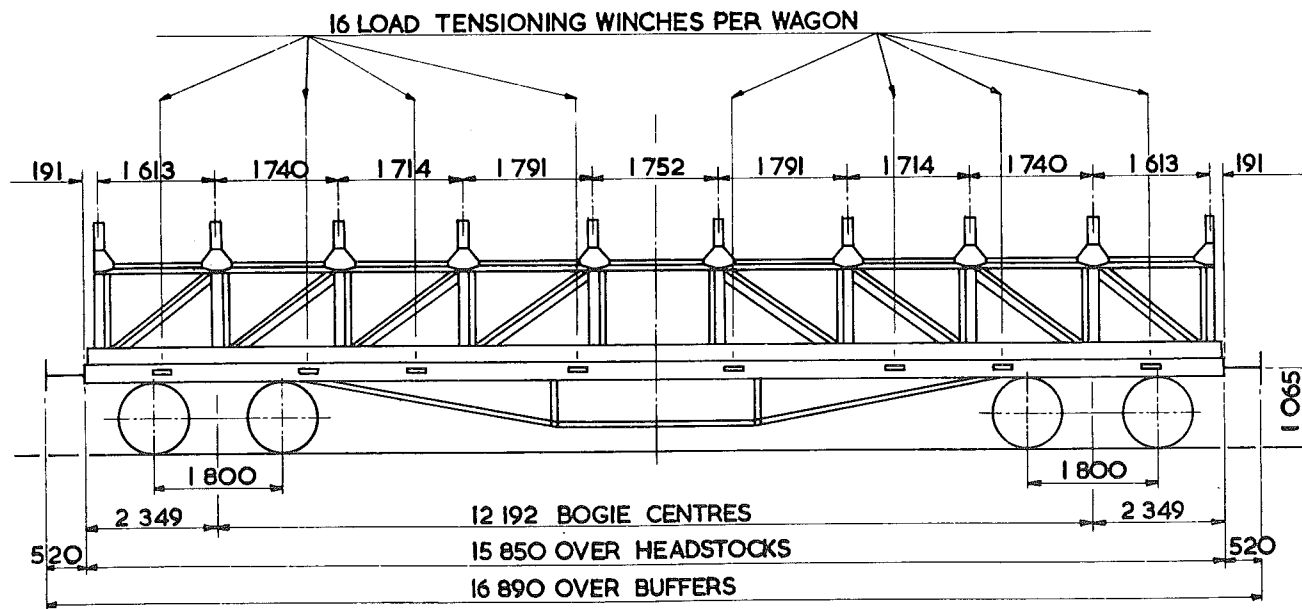
# TRESTLE WAGON

XV 005A

LOT NUMBER
3961

EXCESS LENGTH	7	H	M	L	E
TONS	63	49	33	22	
VB					
AB	42	31	19	12	
RA	3	1	1	1	
MAX. SPEED	60	60	60	60	

TOPS CODE										
CARKND		AARKND			OPERATING PANEL No					
X	V	A	X	V	A	T	O	5	9	3



TARE -	22000kg.
CARRYING CAPACITY -	43000kg.
CAPACITY -	
MAX. SPEED -	60mile/h.
WHEELS -	920 DIA.
JOURNALS -	130 DIA. ROLLER BEARINGS

BUFFERS -	HYDRAULIC 457 DIA. HEAD
COUPLINGS -	BR SCREW
MIN. CURVE -	22m
GEN. ARRGT. DRG. No. -	
BRAKE -	AIR DISC & HAND SCREW
SUSPENSION -	PRIMARY COIL Y.25 C \$\$

ISSUE 1

EX. BR SPECIAL DIAGRAM 2/491



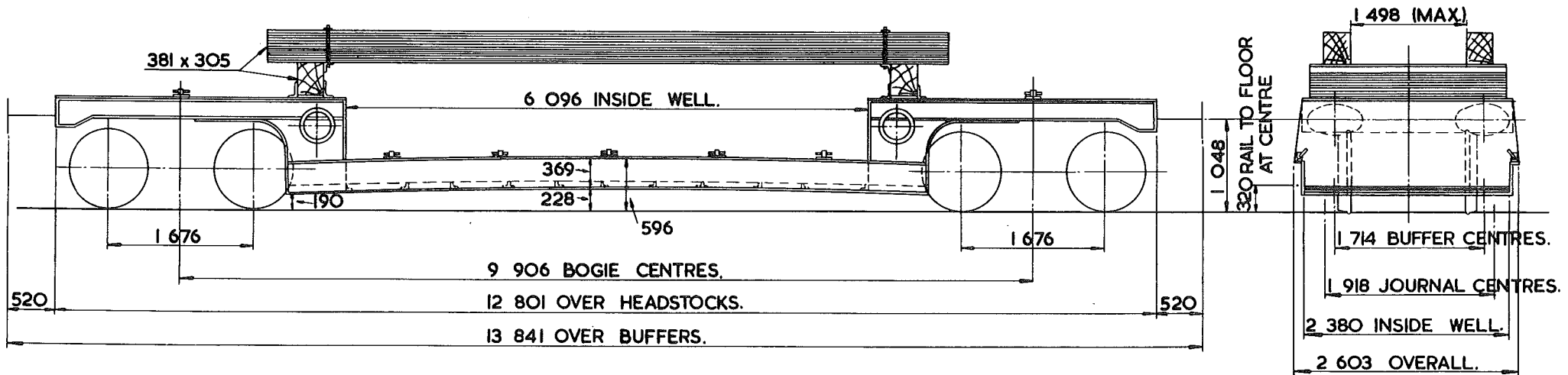
# WELTROL

XW001A

LOT NUMBER
3272
3301

EXCESS LENGTH	2	H	M	L	E
tonnes	41	33	26	21	
VB	0	0	0	0	
AB					
RA	1	1	1	1	
MAX. SPEED	40	45	45	45	

TOPS CODE					
CARKND	AARKND		OPERATING PANEL No.		
X W P	X	W	P	C	
					5 6 0



TARE -	21 050kg WITH BAULKS, 19 900kg WITHOUT BAULKS
CARRYING CAPACITY -	20 500kg.
CAPACITY -	
MAX. SPEED -	45 mile /h.
WHEELS -	952 DIA.
JOURNALS -	III DIA ROLLER BEARINGS.

BUFFERS -	HYDRAULIC 610x356 OVAL HEADS.
COUPLINGS -	INSTANTER.
MIN. CURVE -	21m.
GEN. ARRGT. DRG. No. -	DE 11266.
BRAKE -	VACUUM PIPED, HAND SCREW.
SUSPENSION -	SECONDARY COIL.

5 BINDING RINGS ARE FITTED TO EACH SOLEBAR IN WELL.  
2 BINDING RINGS ARE FITTED TO SOLEBAR OVER BOGIE.

ISSUE 1

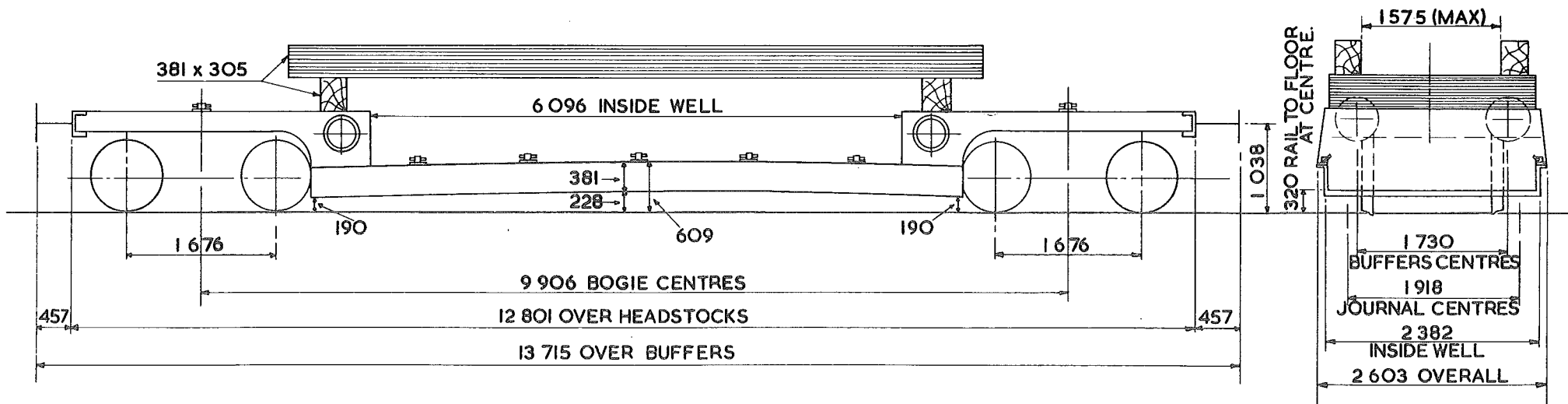
# WELTROL

# XW001B

LOT NUMBER
2029

EXCESS LENGTH	H	M	L	E
tonnes	39	32	24	19
VB				
AB				
RA	1	1	1	1
MAX. SPEED	40	45	45	45

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No.				
X	W	Ø	X	W	Ø	C		5	5	0



TARE -	19 <sup>300</sup> kg WITH BAULKS, 18 <sup>190</sup> kg WITHOUT BAULKS.
CARRYING CAPACITY -	20 <sup>500</sup> kg
CAPACITY -	
MAX. SPEED -	45 mile/h
WHEELS -	826 DIA.
JOURNALS -	381 x 108 PLAIN BEARING.

BUFFERS -	SELF CONTAINED 457 DIA. HEADS.
COUPLINGS -	INSTANTER.
MIN. CURVE -	21m.
GEN. ARRGT. DRG. No. -	D11/404.
BRAKE -	HAND SCREW.
SUSPENSION -	SECONDARY COIL.

5 BINDING RINGS ARE FITTED TO EACH SOLEBAR IN WELL.  
2 BINDING RINGS ARE FITTED TO SOLEBAR OVER BOGIE.  
2 SETS OF BINDING CHAINS WITH SCREW COUPLING.

ISSUE 1.

EX. BR. SPECIAL DIAGRAM 2/730.

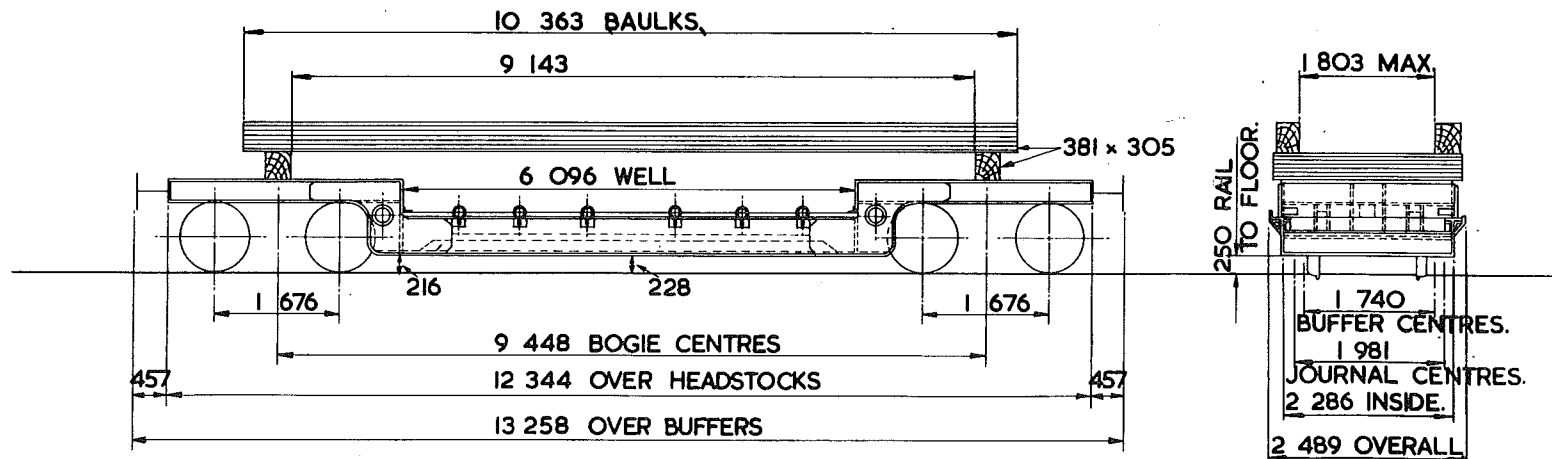
# WELTROL

# XW002B

LOT NUMBER
2642

EXCESS LENGTH	I	H	M	L	E
tonnes	47	38	28	22	
VB					
AB	0	0	0	0	
RA	1	1	1	1	
MAX. SPEED	40	45	45	45	

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No				
X	W	Q	X	W	Q	D	8	7	2	0



NOTE:- 4 ADJUSTABLE CROSSBEARERS LEVEL WITH TOP OF SIDE GIRDERS.

TARE -	22 <sup>100</sup> kg WITH BAULKS, 20 <sup>650</sup> kg WITHOUT BAULKS
CARRYING CAPACITY -	25 500 kg
CAPACITY -	
MAX. SPEED -	45 mile/h
WHEELS -	952 DIA.
JOURNALS -	254x127 PLAIN BEARINGS

BUFFERS -	SELF CONTAINED 457 DIA. HEADS
COUPLINGS -	INSTANTER
MIN. CURVE -	21 m
GEN. ARRGT. DRG. No. -	DE 21070
BRAKE -	AIR PIPE & HAND SCREW.
SUSPENSION -	SECONDARY COIL

6 SHACKLES ARE FITTED TO EACH SOLEBAR IN THE WELL.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/735.

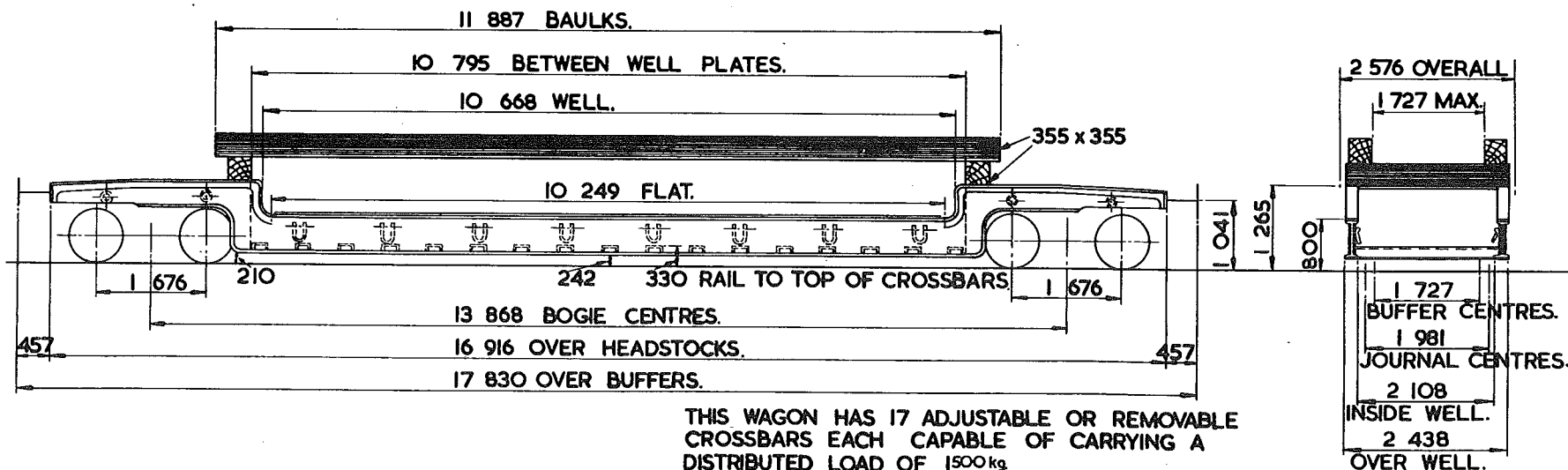
# WELTROL

# XW003A

LOT NUMBER
3173

EXCESS LENGTH	8	H	M	L	E
tonnes	50	41	31	25	
VB	0	0	0	0	
AB					
RA	1	1	1	1	
MAX. SPEED	40	45	45	45	

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No.			
X	W	P	X	W	P	D	5	5	5



THIS WAGON HAS 17 ADJUSTABLE OR REMOVABLE CROSSBARS EACH CAPABLE OF CARRYING A DISTRIBUTED LOAD OF 1500kg

TARE -	24 900kg WITH BAULKS 21 850kg WITHOUT BAULKS
CARRYING CAPACITY -	25 500kg.
CAPACITY -	
MAX. SPEED -	45 mile/h.
WHEELS -	812 DIA.
JOURNALS -	111 DIA. ROLLER BEARINGS.

BUFFERS -	SELF CONTAINED 610x356 OVAL HEADS
COUPLINGS -	INSTANTER.
MIN. CURVE -	22m.
GEN. ARRGT. DRG. No. -	DN 27512.
BRAKE -	VACUUM PIPED, HAND LEVER.
SUSPENSION -	SECONDARY COIL.

8 SHACKLES ARE FITTED TO THE SOLEBAR IN WELL.  
 4 BINDING RINGS FITTED TO THE SOLEBAR OVER BOGIE.  
 2 BINDING RINGS ARE FITTED TO EACH HEADSTOCK.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/740.

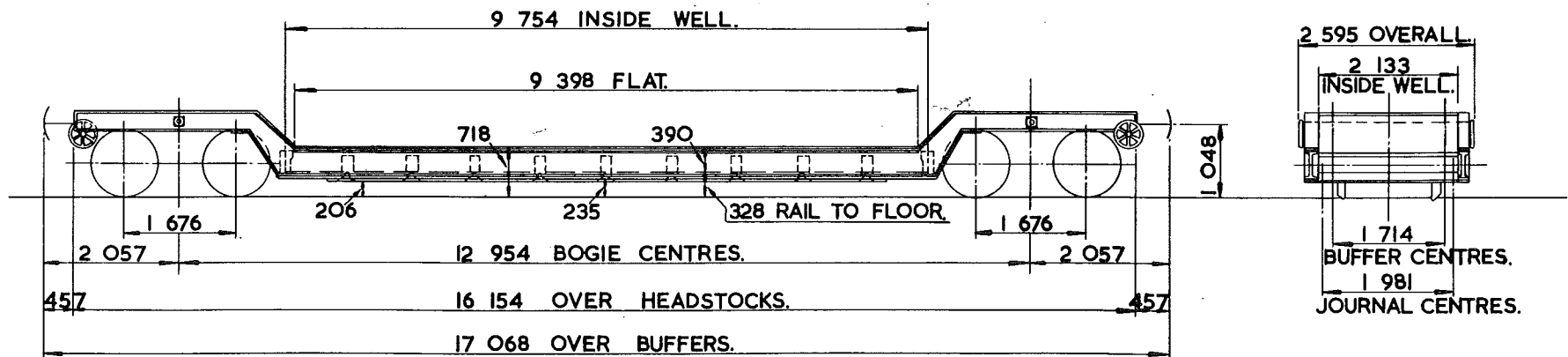
# WELTROL

XW004A

LOT NUMBER
3102
3192

EXCESS LENGTH	7	H	M	L	E
tonnes	44	34	25	19	
VB	0	0	0	0	
AB					
RA	1	1	1	1	
MAX SPEED	40	45	45	45	

TOPS CODE					
CARKND		AARKND		OPERATING PANEL No.	
X	W	P	X	W	P D
				5	5 6



TARE	18 450 kg.
CARRYING CAPACITY	25 500 kg.
CAPACITY	
MAX SPEED	45 m/e/h.
WHEELS	952 DIA.
JOURNALS	III DIA. ROLLER BEARINGS.

BUFFERS	SELF CONTAINED 610x356 OVAL HEADS.
COUPLINGS	INSTANTER.
MIN. CURVE	31m.
GEN. ARRGT. DRG. No.	SW/SW/192.
BRAKE	VACUUM PIPED, HAND SCREW.
SUSPENSION	SECONDARY COIL.

9 SHACKLES ARE FITTED TO EACH SOLEBAR IN WELL.  
 4 BINDING RINGS ARE FITTED TO CROSSBAR IN WELL.  
 2 BINDING RINGS ARE FITTED TO EACH HEADSTOCK.  
 2 BINDING RINGS ARE FITTED TO EACH SOLEBAR OVER BOGIE.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/741.

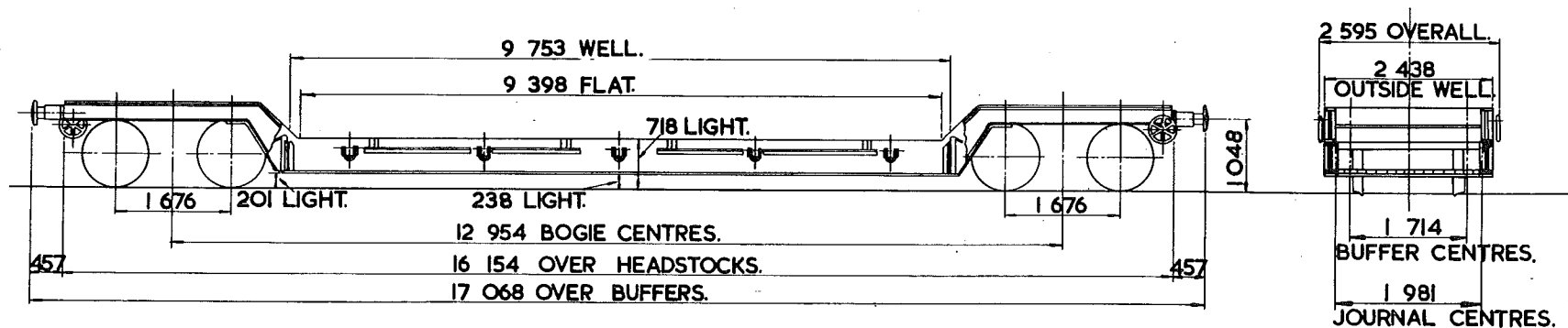
# WELTROL

XW005A

LOT NUMBER
2879

EXCESS LENGTH	7	H	M	L	E
tonnes	44	34	25	19	
VB	0	0	0	0	
AB					
RA					
MAX SPEED	40	45	45	45	

TOPS CODE											
CARKND				AARKND				OPERATING PANEL No			
X	W	P	X	W	P	D	5	5	6		



TARE - 19200 kg.
CARRYING CAPACITY - 25500 kg.
CAPACITY -
MAX SPEED - 45 mile/h.
WHEELS - 952 DIA.
JOURNALS - III DIA. ROLLER BEARINGS.

BUFFERS - SELF CONTAINED 610x356 OVAL HEADS.
COUPLINGS - INSTANTER.
MIN. CURVE - 31m.
GEN. ARRGT. DRG. No. - SW/SW/164.
BRAKE - VACUUM PIPED, HAND SCREW.
SUSPENSION - SECONDARY COIL.

5 SHACKLES ARE FITTED TO EACH SOLEBAR IN WELL.  
 4 BINDING RINGS FITTED TO CROSSBARS IN WELL.  
 2 BINDING RINGS ARE FITTED TO EACH HEADSTOCK.

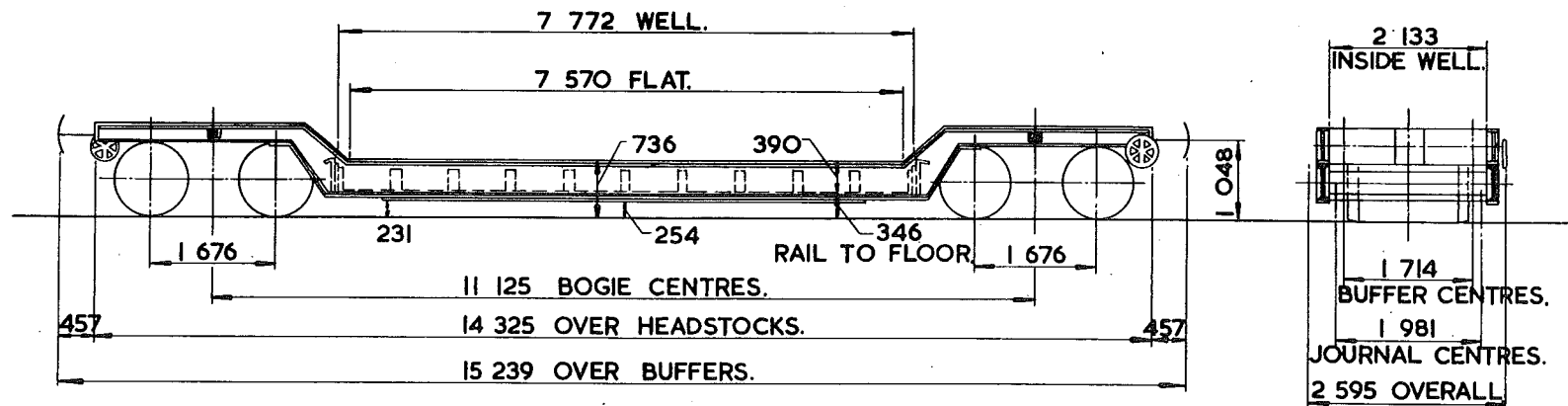
ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/743.

LOT NUMBER
2880

EXCESS LENGTH	4	H	M	L	E
tonnes	43	34	24	18	
VB	0	0	0	0	
AB					
RA	1	1	1	1	
MAX. SPEED	40	45	45	45	

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No.			
X	W	P	X	W	P	D	5	5	9



TARE -	17800kg.
CARRYING CAPACITY -	25500kg.
CAPACITY -	
MAX. SPEED -	45mile/h.
WHEELS -	952 DIA.
JOURNALS -	III DIA. ROLLER BEARINGS.

BUFFERS -	SELF CONTAINED 407 DIA HEADS
COUPLINGS -	INSTANTER.
MIN. CURVE -	31m.
GEN. ARRGT. DRG. No. -	SW/SW/223.
BRAKE -	VACUUM PIPED, HAND SCREW.
SUSPENSION -	SECONDARY COIL

9 SHACKLES ARE FITTED TO EACH SOLEBAR. IN WELL.  
 4 BINDING RINGS ARE FITTED IN WELL.  
 2 BINDING RINGS ARE FITTED TO EACH SOLEBAR OVER BOGIE.  
 2 BINDING RINGS ARE FITTED TO EACH HEADSTOCK.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/745.

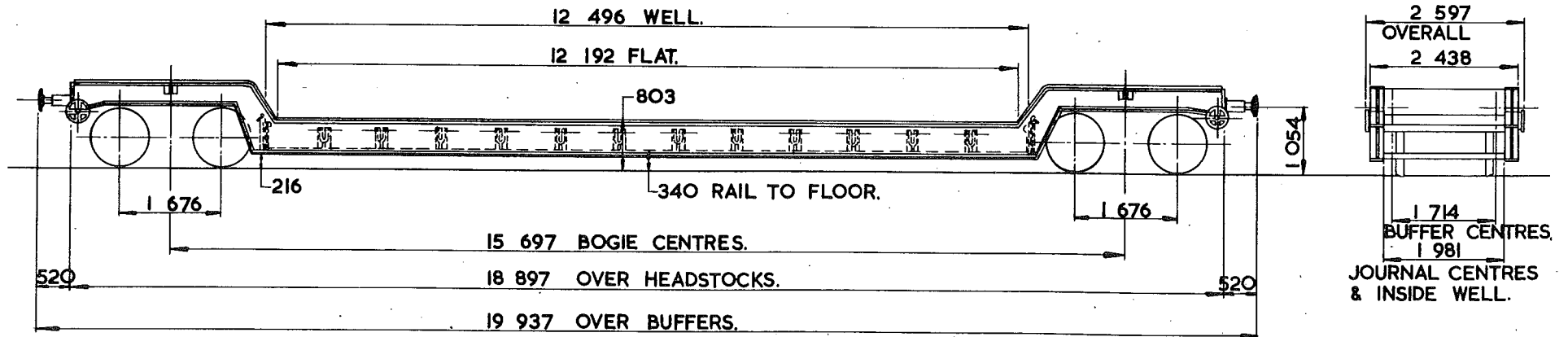




LOT NUMBER
2978

EXCESS LENGTH	12	H	M	L	E
tonnes	61	48	35	26	
VB	0	0	0	0	
AB					
RA	3	1	1	1	
MAX. SPEED	40	45	45	45	

TOPS CODE					
CARKND		AARKND		OPERATING PANEL No	
X	W	P	X	W	P
E				5	6
					1



TARE -	26200 kg.
CARRYING CAPACITY -	35500 kg.
CAPACITY -	
MAX. SPEED -	45 mile/h.
WHEELS -	952 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS.

BUFFERS -	HYDRAULIC 610x356 OVAL HEAD.
COUPLINGS -	INSTANTER.
MIN. CURVE -	31m.
GEN. ARRGT. DRG. No. -	SW/SW 263.
BRAKE -	VACUUM PIPED, HAND SCREW.
SUSPENSION -	SECONDARY COIL.

12 SHACKLES ARE FITTED TO EACH SOLEBAR IN WELL.  
 4 BINDING RINGS ARE FITTED TO CROSSBARS IN WELL.  
 2 BINDING RINGS ARE FITTED TO EACH SOLEBAR OVER BOGIE.  
 12 BINDING CHAINS & SCREW COUPLINGS IN CHAIN BOXES.

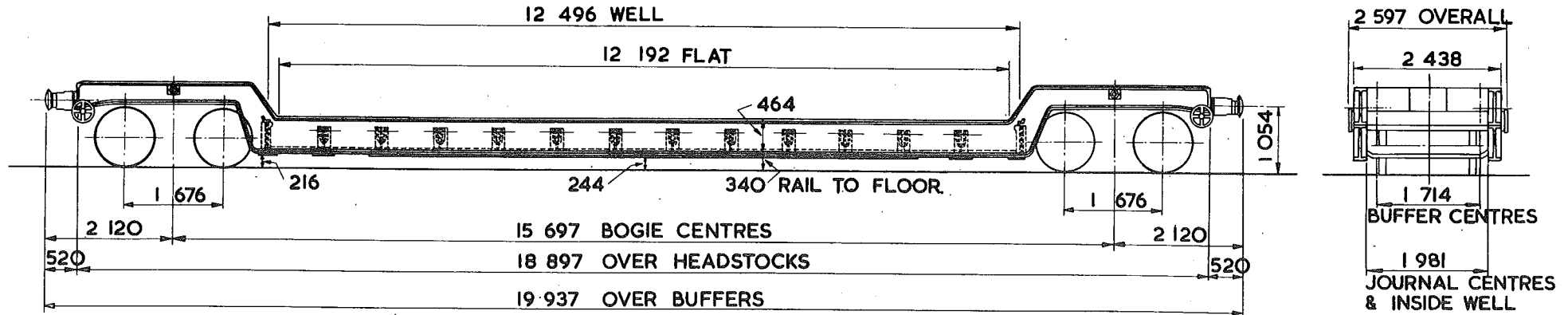
ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/747.

LOT NUMBER
2881

EXCESS LENGTH	12	H	M	L	E
tonnes	61	48	35	26	
VB	0	0	0	0	
AB					
RA	3	1	1	1	
MAX SPEED	40	45	45	45	

TOPS CODE		
CARKND	AARKND	OPERATING PANEL No
X W P	X W P E	7 1 2 5



TARE - 26 200 kg
CARRYING CAPACITY - 35 500 kg
CUBIC CAPACITY -
MAX. SPEED - 45 mile/h
WHEELS - 952 DIA.
JOURNALS - 124 DIA. ROLLER BEARINGS

BUFFERS - SELF CONTAINED 559 x 356 OVAL HEADS
COUPLINGS - B.R. SCREW
MIN. CURVE - 31m
GEN. ARRGT. DRG. No. - SW/SW/134 B
BRAKE - VACUUM PIPED, HAND SCREW.
SUSPENSION - SECONDARY COIL.

12 SHACKLES ARE FITTED TO EACH SOLEBAR IN WELL.  
 4 BINDING RINGS FITTED TO CROSSBARS IN WELL.  
 2 BINDING RINGS ARE FITTED TO SOLEBAR OVER BOGIE.  
 2 BINDING RINGS ARE FITTED TO HEADSTOCK.  
 12 BINDING CHAINS & SCREW COUPLINGS.

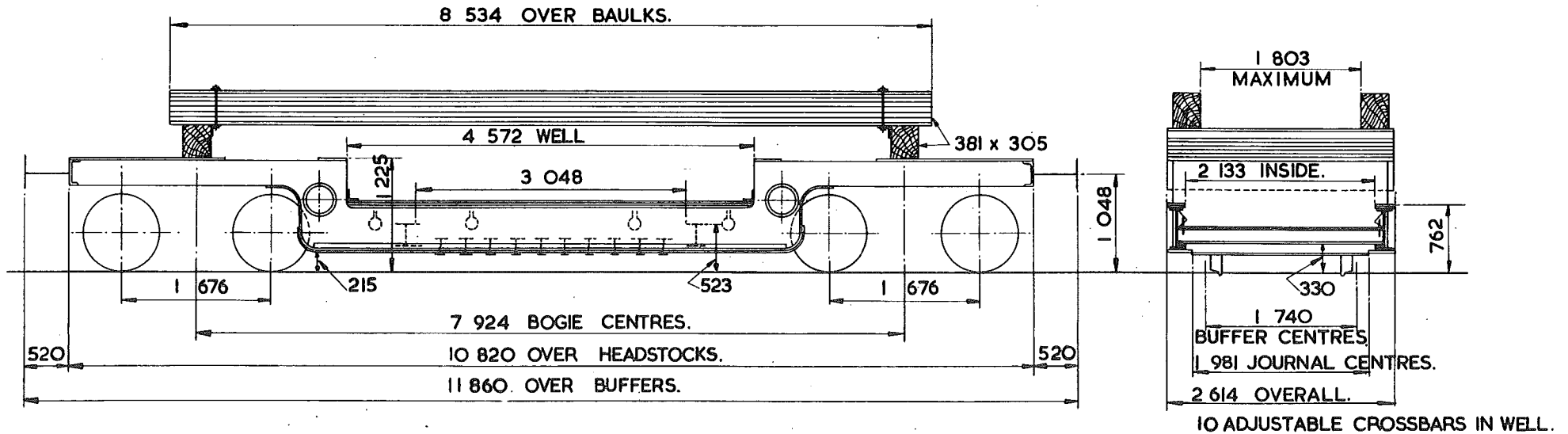
ISSUE 1.

EX. B.R. DIAGRAM 2/751

LOT NUMBER
3241

EXCESS LENGTH	H	M	L	E
tonnes.	62	47	32	22
VB	0	0	0	0
AB				
RA	4	2	1	1
MAX. SPEED	40	45	45	45

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No			
X	W	P	X	W	P	F	5	5	1



TARE	22 <sup>250kg</sup> WITH BAULKS 21 <sup>200kg</sup> WITHOUT BAULKS.
CARRYING CAPACITY -	40 <sup>500kg</sup>
CAPACITY -	
MAX. SPEED -	45 mile/h.
WHEELS -	824 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS.

BUFFERS -	SELF CONTAINED 381 DIA. HEADS.
COUPLINGS -	INSTANTER
MIN. CURVE -	21m.
GEN. ARRGT. DRG. No.	DE/34320
BRAKE -	VACUUM PIPED, HAND SCREW.
SUSPENSION -	SECONDARY COIL.

4 SHACKLES ARE FITTED TO EACH SOLE-BAR IN WELL.  
 2 SHACKLES ARE FITTED TO EACH SOLE-BAR OVER BOGIE.

ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/731.

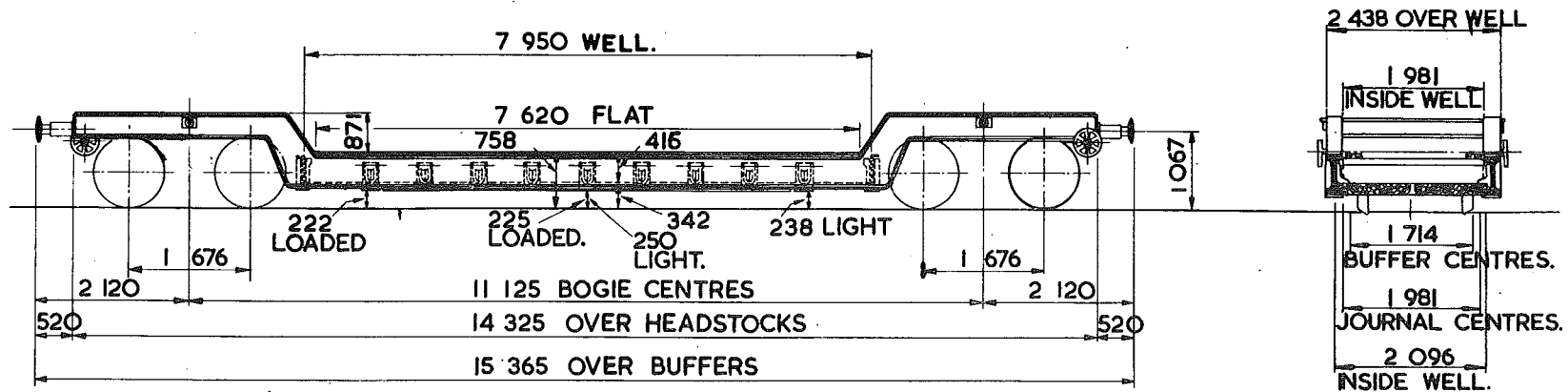
# WELTROL

XW OIO A.

LOT NUMBER
3194.

EXCESS LENGTH	4	H	M	L	E
tonnes	61	46	31	21	
VB	0	0	0	0	
AB					
RA	3	1	1	1	
MAX. SPEED	40	45	45	45	

TOPS CODE					
CARKND		AARKND		OPERATING PANEL No	
X	W	P	X	W	P
			F	5	6
				2	



TARE -- 21100 kg
CARRYING CAPACITY - 40 <sup>500</sup> kg
CAPACITY-
MAX. SPEED -- 45 mile/h
WHEELS - 952 DIA.
JOURNALS -- 124 DIA. ROLLER BEARINGS

BUFFERS -- HYDRAULIC 610 x 356 OVAL HEAD
COUPLINGS -- INSTANTER
MIN. CURVE -- 31m
GEN. ARRGT. DRG. No. -- SW/SW 511
BRAKE -- VACUUM PIPED, HAND SCREW
SUSPENSION -- SECONDARY COIL

9 SHACKLES ARE FITTED TO EACH SOLEBAR IN WELL.  
 4 LASHING RINGS ARE FITTED TO THE CROSSBARS IN WELL.  
 2 LASHING RINGS ARE FITTED OVER EACH BOGIE.  
 2 BINDING RINGS ARE FITTED TO EACH HEADSTOCK.

EX. B.R. SPECIAL DIAGRAM 2/748

# 294<sup>500kg</sup>/152<sup>500kg</sup> BOILER SETS - INSTRUCTION SHEET FOR DIAGRAMS XY004A & XY004B

1. THE 294<sup>500kg</sup> BOILER WAGON SET CONSISTS OF FOUR VEHICLES, TWO LOAD CARRYING BEAMS AND TWO SWIVEL CRADLES. THE VEHICLES ARE NUMBERED B902805 (OUTER), B902806 (INNER), B902807 (INNER) AND B902808 (OUTER). ONE LOAD CARRYING BEAM WITH SWIVEL CRADLE CONNECTS AN OUTER AND INNER VEHICLE.
2. A 152<sup>500kg</sup> BOILER WAGON SET IS FORMED FROM TWO VEHICLES OF THE 294<sup>500kg</sup> BOILER WAGON SET BY REMOVING THE LOAD CARRYING BEAM AND SWIVEL CRADLE AND FITTING A SWIVEL CRADLE TO THE CONNECTING FRAME OF EACH VEHICLE. TWO 152<sup>500kg</sup> BOILER WAGON SETS CAN BE FORMED, THE VEHICLE NUMBERS FOR EACH SET BEING B902805 (OUTER), B902806 (INNER) AND B902807 (INNER), B902808 (OUTER) RESPECTIVELY.
3. THE 294<sup>500kg</sup> BOILER WAGON SET SHOULD ONLY BE CLOSE COUPLED WHEN TRAVELLING LIGHT. THE TWO INNER VEHICLES I.E. NUMBERS B902806 AND B902807 TO BE COUPLED TOGETHER USING SCREW COUPLING ATTACHED.
4. A 152<sup>500kg</sup> BOILER WAGON SET SHOULD ONLY BE CLOSE COUPLED USING THE SHORT CONNECTING LINK WHEN TRAVELLING LIGHT.
5. FOR VACUUM CONTINUITY IF DESIRED WHEN LOADED, TEMPORARY PIPES MUST BE SECURED TO THE LOAD TO SPAN THE VEHICLES.
6. WHEN TRAVELLING LIGHT, BOILER WAGON SETS MUST BE MARSHALLED AT THE REAR OF A SUITABLE FREIGHT TRAIN AND CRADLES PREVENTED FROM MOVING. LOAD SECURING CHAINS MAY BE USED FOR THIS PURPOSE ON 152<sup>500kg</sup> SETS. CRADLES ON 294<sup>500kg</sup> SET ARE FITTED WITH A LOCKING PIN.
7. WHEN NEGOTIATING CURVES APPROACHING THE MINIMUM OF 31m. CLOSE SUPERVISION IS NECESSARY.
8. WHEN CONVERTING 152<sup>500kg</sup> BOILER WAGON SETS TO A 294<sup>500kg</sup> BOILER WAGON SET THE LOAD CARRYING BEAMS SHOULD BE REPLACED SO THAT THE NUMBER AT EACH END OF EACH BEAM MATCHES THE NUMBER OF THE VEHICLE ADJOINING.
9. MAXIMUM SPEEDS FOR ANY BOILER WAGON SET IS 20 mile/h LOADED AND 35 mile/h LIGHT. THESE SPEEDS MUST NOT BE EXCEEDED UNDER ANY CIRCUMSTANCES WHATSOEVER.

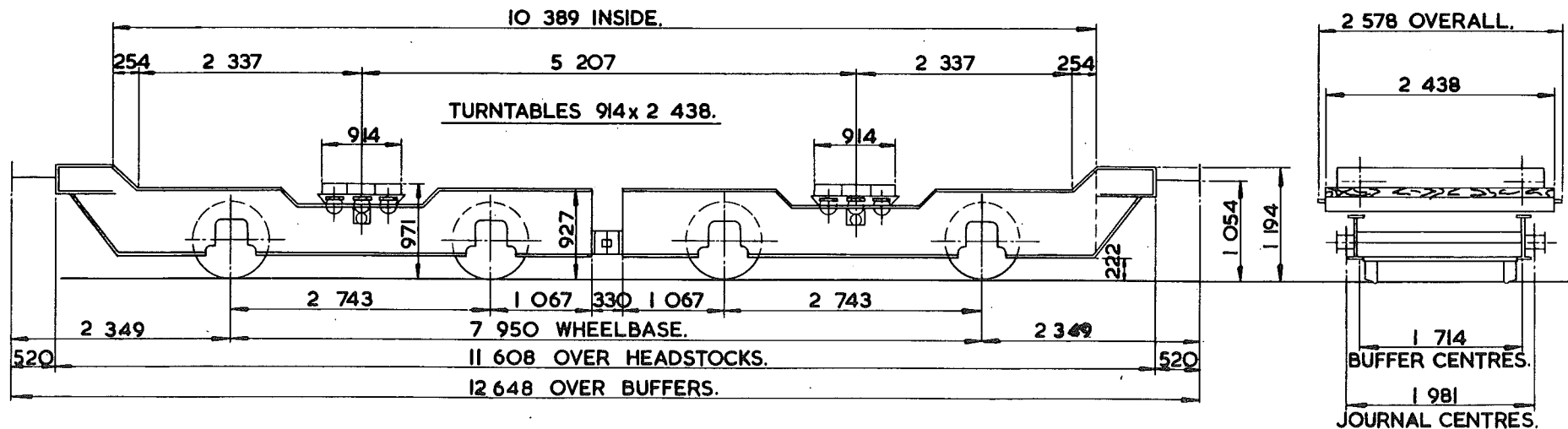
# GIRDER WAGON SET

XX 001A

LOT NUMBER
2692
2873

EXCESS LENGTH	H	M	L	E
tonnes	30	22	15	10
VB				
AB				
RA	0	0	0	0
MAX. SPEED	20	20	20	35

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No.				
X	X	Ø	X	X	Ø	F	7	1	0	1



TARE --	19200kg.
CARRYING CAPACITY--	20500kg.PER BOGIE.41000kg.PER SET.
CAPACITY--	
MAX. SPEED --	35 mile/h EMPTY.
WHEELS --	812 DIA.
JOURNALS --	254x127 PLAIN BEARINGS.

BUFFERS --	SELF CONTAINED 330 DIA. HEADS.
COUPLINGS --	INSTANTER.
MIN. CURVE --	31m.
GEN. ARRGT. DRG. No. --	SW/SW/204.
BRAKE --	HAND SCREW.
SUSPENSION --	EYEBOLT.

6 BINDING RINGS ARE FITTED TO EACH TURNABLE.  
2 BINDING RINGS ARE FITTED TO SOLEBAR ADJACENT TO CRADLE.

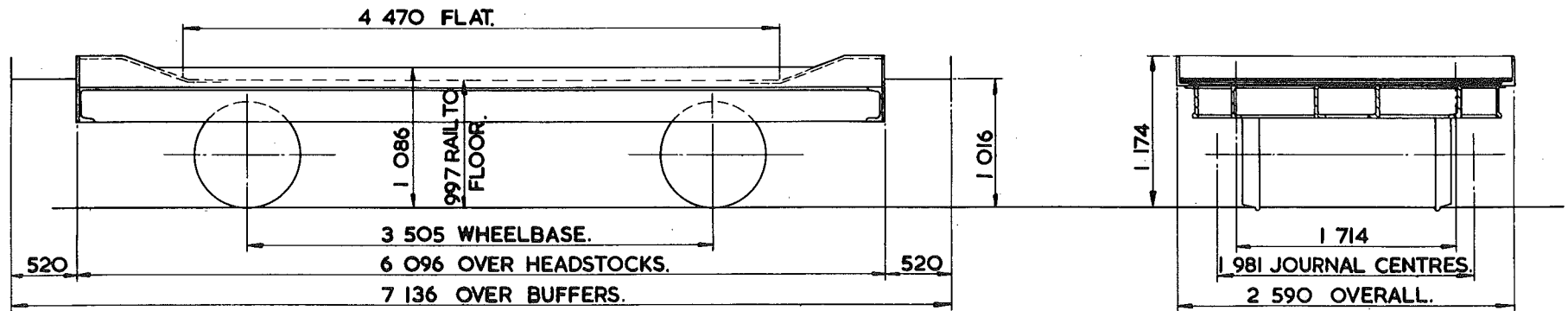
ISSUE 1.

EX. B.R. DIAGRAM 2/150.

LOT NUMBER
3304

EXCESS LENGTH	2	H	M	L	E
tonnes	29	22	14	8	
VB	4	4	4	4	
AB					
RA	2	1	1	1	
MAX. SPEED	50	50	50	50	

TOPS CODE									
CARKND			AARKND			OPERATING PANEL No			
X	X	V	X	X	V	G	5	2	8



TARE -	8150kg.
CARRYING CAPACITY-	21 500 kg.
CAPACITY-	
MAX. SPEED -	50 mlie/h.
WHEELS -	812 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS.

BUFFERS -	PNEUMATIC 330 DIA. HEADS.
COUPLINGS -	INSTANTER.
MIN. CURVE -	21m.
GEN. ARRGT. DRG. No. -	SW/LA 11839.
BRAKE -	VACUUM BLOCK, HAND LEVER.
SUSPENSION -	EYEBOLT.

6 BINDING RINGS FITTED TO EACH SOLEBAR.  
2 BINDING RINGS ARE FITTED TO EACH BUFFER BEAM.

# TRANSFORMER WAGON .

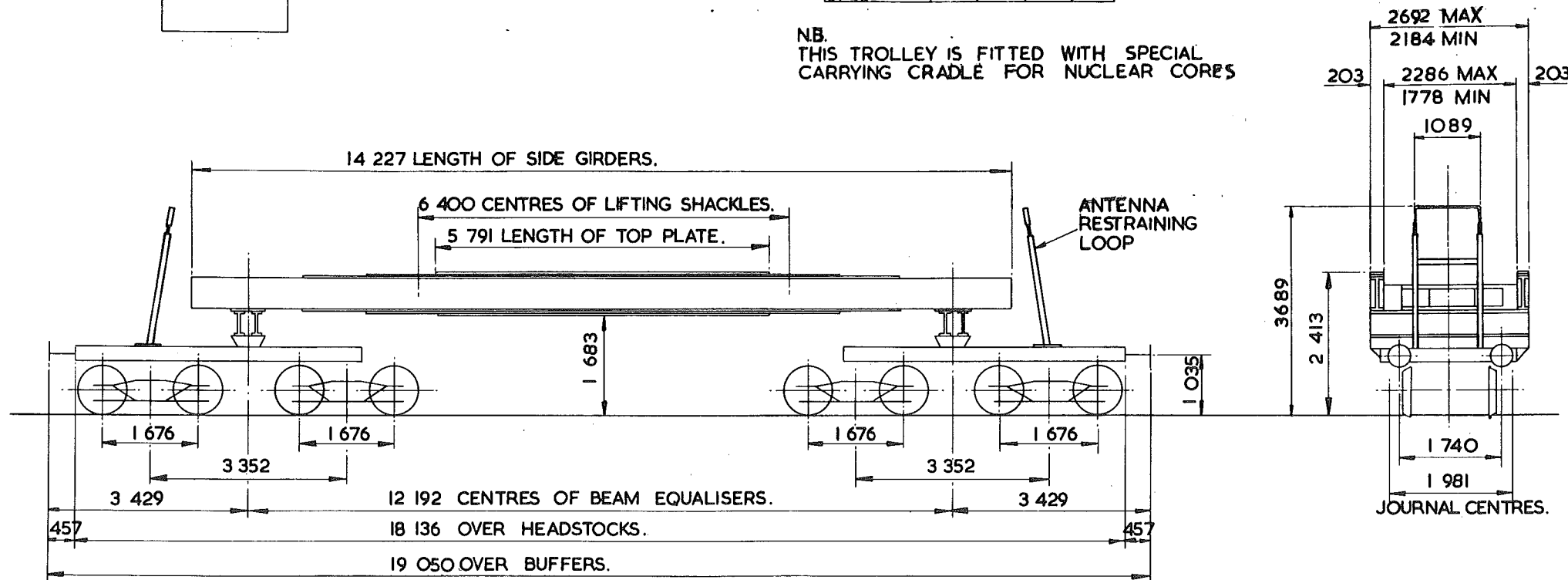
XY001B

LOT NUMBER
449

EXCESS LENGTH	IO	H	M	L	E
tonnes.	100	78	55	40	
VB	0	0	0	0	
AB					
RA	0	0	0	0	
MAX SPEED	35	35	35	35	

TOPS CODE					
CARKND		AARKND		OPERATING PANEL No	
X	Y	P	X	Y	P
K	7	I	6	I	

NB.  
THIS TROLLEY IS FITTED WITH SPECIAL CARRYING CRADLE FOR NUCLEAR CORES



TARE -	40 600 kg.
CARRYING CAPACITY -	61 000 kg.
CAPACITY -	
MAX. SPEED -	35 mile/h.
WHEELS -	824 DIA.
JOURNALS -	254 x 127 PLAIN BEARINGS.

BUFFERS -	SELF CONTAINED 355 DIA. HEADS.
COUPLINGS -	SPECIAL SCREW.
MIN. CURVE -	21m.
GEN. ARRGT. DRG. No. -	13/1174.
BRAKE -	VACUUM PIPE & HAND SCREW
SUSPENSION -	SECONDARY COIL.

ISSUE 1.





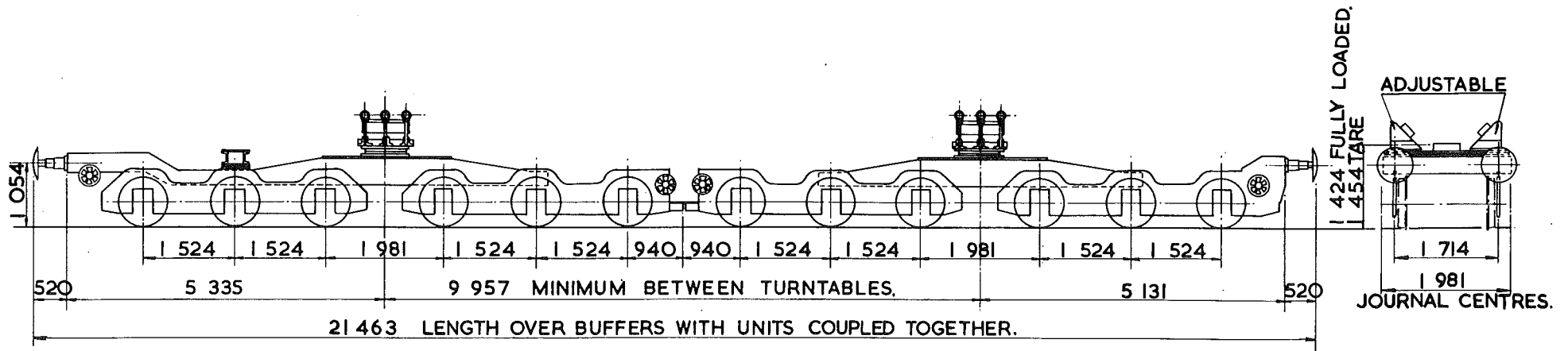
# BOILER SET

XY004B

LOT NUMBER
3527

EXCESS LENGTH	H	M	L	E
tonnes	102	73	45	26
VB	3	3	3	3
AB				
RA	0	0	0	0
MAX. SPEED	20	20	20	35

TOPS CODE								
CARKND			AARKND			OPERATING PANEL No.		
X	Y	V	X	Y	V	C	7	1
0	0	0	0	0	0	0	0	0



TARE - 51450kg.
CARRYING CAPACITY - 152500kg.
CAPACITY-
MAX. SPEED - 35mile/h EMPTY
WHEELS - 812 DIA.
JOURNALS - 140 DIA. ROLLER BEARINGS.

BUFFERS - PNEUMATIC 559 DIA. HEADS.
COUPLINGS - B.R. SCREW.
MIN. CURVE - 31m.
GEN. ARRGT. DRG. No. -
BRAKE - VACUUM BLOCK & HAND SCREW
SUSPENSION - EYEBOLT.

**NOTE :-**  
FOR WORKING DATA SEE INSTRUCTION SHEET

ISSUE 1.

EX. BR. SPECIAL DIAGRAM 2/34

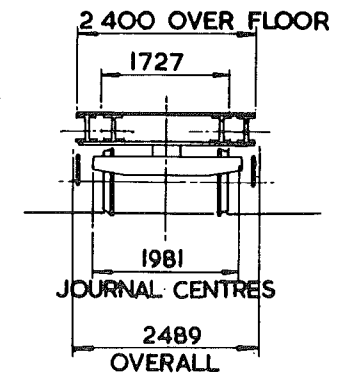
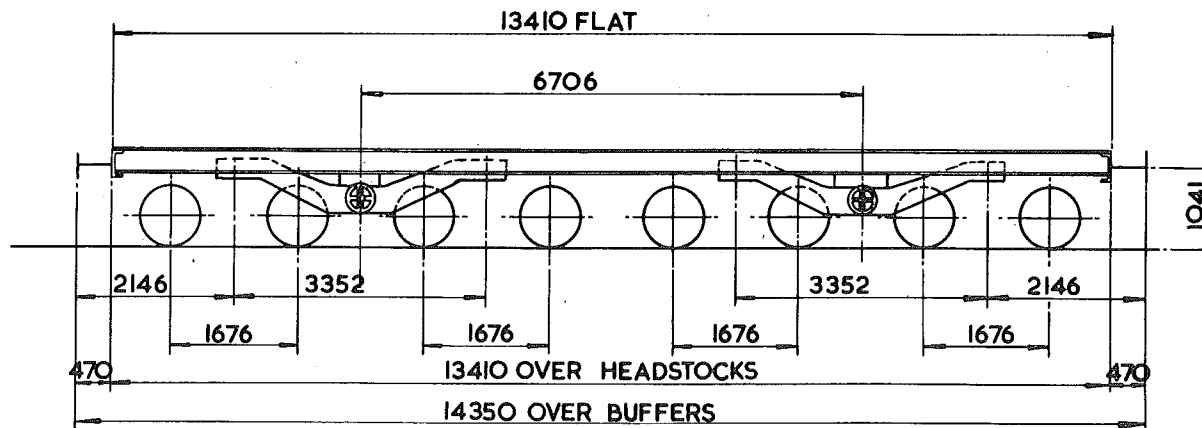
# FLAT WAGON

XZ005A

LOT NUMBER

EXCESS LENGTH	H	M	L	E
tonnes	138	105	63	38
VB				
AB	0	0	0	0
RA	0	0	0	0
MAX. SPEED	35	35	35	35

TOPS CODE										
CARKND		AARKND			OPERATING PANEL No.					
X	Z	Q	X	Z	Q	E	7	1	1	6



TARE - 38500kg.
CARRYING CAPACITY - 101500kg.
CAPACITY -
MAX. SPEED - 35 mile/h.
WHEELS - 825.5 DIA.
JOURNALS - 254 x 140 DIA. PLAIN BEARINGS

BUFFERS - SELF CONTAINED
COUPLINGS - INSTANSTER
MIN. CURVE - 22m.
GEN. ARRGT. DRG. No. - I4298N, I4299N, I4300N
BRAKE - AIR PIPED, HAND SCREW.
SUSPENSION - SECONDARY COIL.

13 SHACKLES ARE FITTED TO EACH SOLEBAR.

ISSUE 1.

EX L.N.E.R. DIAGRAM E153

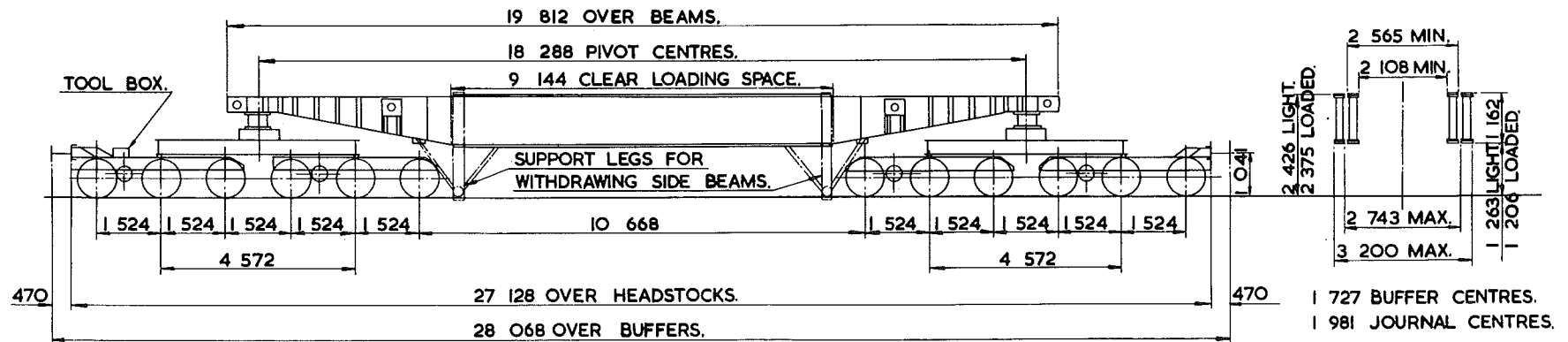
# TRANSFORMER WAGON.

XZO11A

LOT NUMBER
2419

EXCESS LENGTH	24	H	M	L	E
tonnes	208	157	107	73	
VB					
AB					
RA	0	0	0	0	
MAX. SPEED	15	15	20	35	

TOPS CODE					
CARKND		AARKND		OPERATING PANEL No	
X	Z	Ø	X	Z	Ø
L	7	1	3	2	



TARE -	73700kg.
CARRYING CAPACITY -	137000kg.
CAPACITY -	
MAX. SPEED -	35 mile/h EMPTY.
WHEELS -	914 DIA.
JOURNALS -	305 x 184 PLAIN BEARINGS.

BUFFERS -	SELF CONTAINED 330 DIA. HEADS.
COUPLINGS -	SCREW.
MIN. CURVE -	31m.
GEN. ARRGT. DRG. No. -	DE/1630.
BRAKE -	HAND SCREW.
SUSPENSION -	EYEBOLT.

SIDE BEAMS DETACHABLE & ADJUSTABLE FROM 2108 MIN. TO 2743 MAX. BETWEEN BEAMS IN 127 REDUCTIONS OF 63.5 EACH SIDE CROSS TRAVERSING GEAR TO GIVE MAX. TRAVERSE OF 305 ON EITHER SIDE OF  $\text{C}$  WHEN REQUIRED.  
FOR LOADING CONDITIONS SEE DRG. No. DE/76555.

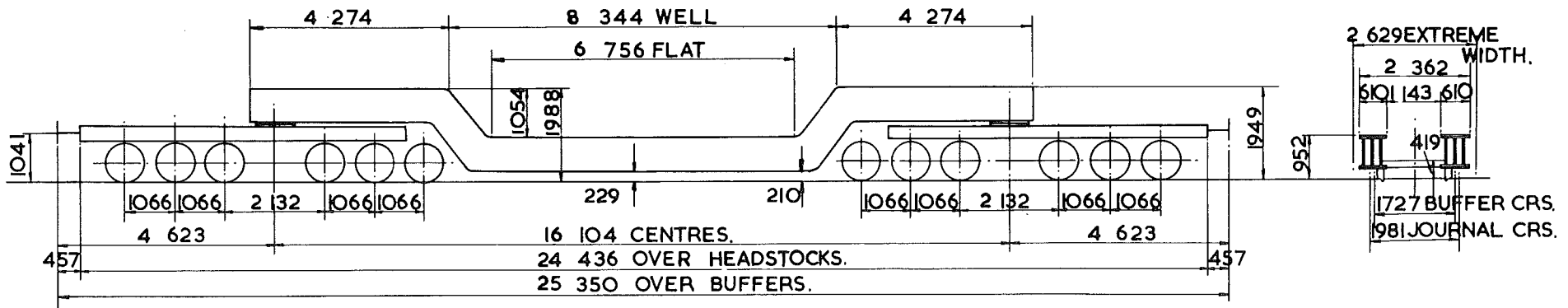
ISSUE 1.

EX. B.R. SPECIAL DIAGRAM 2/470.

LOT NUMBER

EXCESS LENGTH	20	H	M	L	E
tonnes	183	142	101	73	
VB					
AB					
RA	0	0	0	0	
MAX SPEED	35	35	35	35	

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No.				
X	Z	Ø	X	Z	Ø	N	7	1	1	5



NOTE:-  
13 ADJUSTABLE CROSSBARS IN WELL.

TARE - 13950kg.
CARRYING CAPACITY - 112000kg.
CAPACITY -
MAX. SPEED - 35 mile/h.
WHEELS - 824 DIA.
JOURNALS - 254 x 140 DIA. PLAIN BEARINGS

BUFFERS - SPINDLE.
COUPLINGS - INSTANTER.
MIN. CURVE - 28 m.
GEN. ARRGT. DRG. No. - 13409D.
BRAKE - HAND LEVER.
SUSPENSION - EYEBOLT.

ISSUE 1.



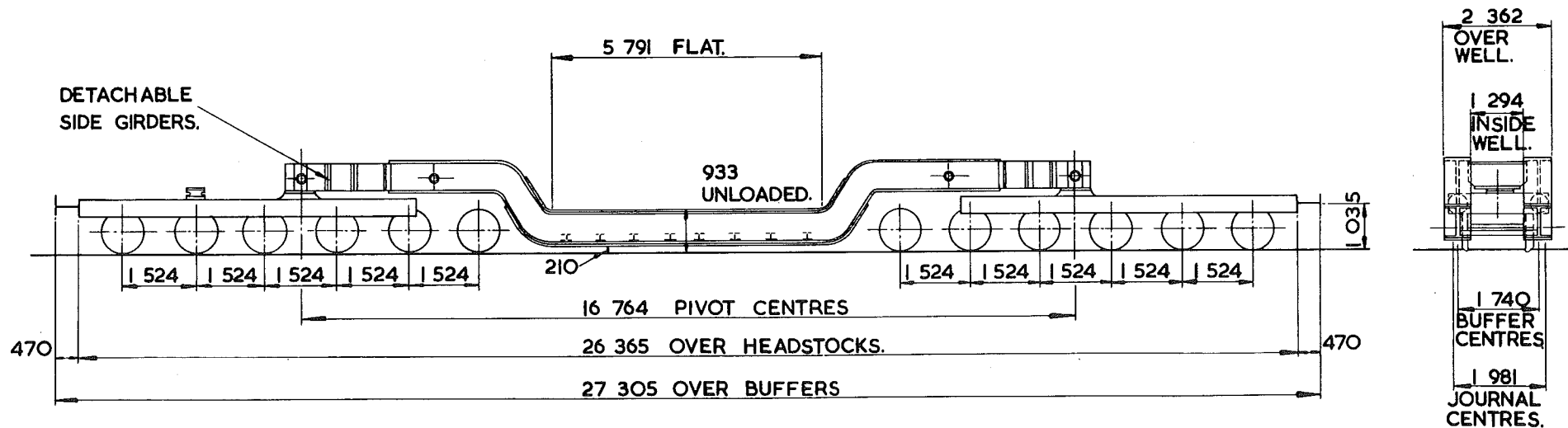
# WELTROL WAGON

XZ O15A

LOT NUMBER
2828

EXCESS LENGTH	23	H	M	L	E
tonnes	203	158	106	83	
VB					
AB	0	0	0	0	
RA	0	0	0	0	
MAX SPEED	35	35	35	35	

TOPS CODE										
CARKND			AARKND			OPERATING PANEL No.				
X	Z	Q	X	Z	Q	T	7	1	3	5



TARE --	83 400kg.
CARRYING CAPACITY --	122 000kg.
CAPACITY --	
MAX SPEED --	35 mile/h.
WHEELS --	952 DIA.
JOURNALS --	254x152 PLAIN BEARINGS.

BUFFERS --	SELF CONTAINED 406 DIA. HEADS.
COUPLINGS --	INSTANTER.
MIN. CURVE --	31m.
GEN. ARRGT. DRG. No. --	
BRAKE --	AIR PIPED, HAND LEVER
SUSPENSION --	EYEBOLT.

**NOTE:**  
8 ADJUSTABLE & REMOVABLE CROSS BEARERS IN WELL.

ISSUE 1.