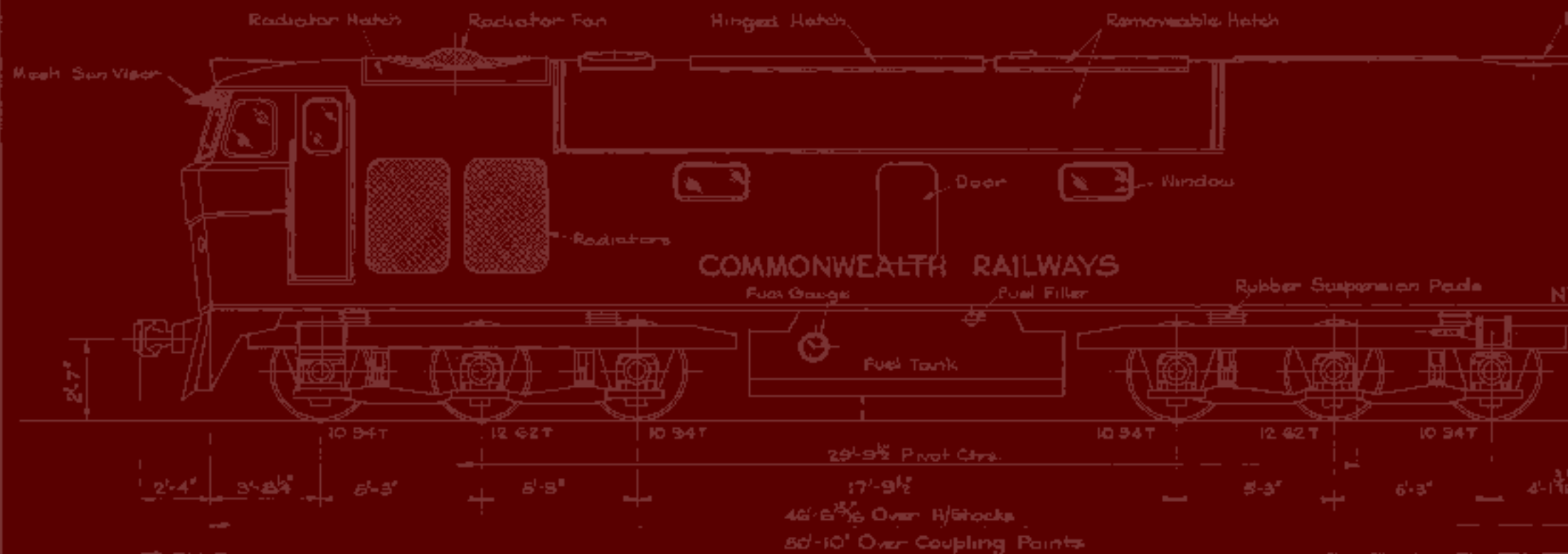




GENERAL

Engine: Sulzer GLDA28C, 1400 HP @ 800 rpm
 Main Generator: AEI Type TG-53202W,
 1710A, 528V or 1200A, 750V @ 800 rpm
 Aux Generator: AEI Type AG51BY, 21KW, 110V
 Traction Motors: 6N° AEI Type 258AZ, 172 hp
 Gear Ratio: 19/92
 Tractive Effort: Maximum 47,500 lb
 Continuous 40,000 lb
 Max Service Speed: 50 mph

SPECIFICATION

Fuel Oil Capy 900 galls (Orig 700 galls)
 Lub Oil Capy 150 galls
 Water System Capy 32 galls
 Min Negat Curve 3° chains
 Seal for 35° H/Stocks
 Seal for 35° H/Stocks
 Seal for 35° H/Stocks
 Air Compressor: Gardner Denver Type WXE 9057
 Wheelbase 33'-0" (10.06m)

Australian National CR 1069MM Diagrams

Australian National CR 1067mm Diagrams

Curated by: Chris Drymalik

A Digital Publication of the

National Railway Museum
Port Adelaide, South Australia



Presented here is the Australian National Diagrams Plan Book for CR 1067MM rolling stock, originally produced by rail operator Australian National. Please note that the diagrams are not depicted to scale in this format.

The subject material is the Australian Railways.

Document design, layout: Chris Drymalik, July 2024. Marked up using $\text{\LaTeX}$

Document compilation date: July 25, 2026

The National Railway Museum houses a vast repository of historical data pertaining to entities like the South Australian Railways, Commonwealth Railways, and Australian National Railways. Our extensive collections are accessible to the public via appointment. Should you wish to schedule a visit to explore our archives, kindly reach out to the National Railway Museum by contacting our Archives Curatorial Team.

We are dedicated to assisting researchers with inquiries related to Australia's railway history. For any queries concerning railways, feel free to contact us.

The digital book available here represent just a fraction of the wealth of records housed within the NRM archive. It has been compiled to aid researchers and enthusiasts interested in the rich tapestry of Australian railways. We trust you will find it invaluable.

The Museum does not hold records relating to railway employees, we recommend that you contact the State Records of South Australia or the State Library of South Australia if you are looking for railway employee information. For a general overview on researching Australian railway employees please see the Railway Employees Leaflet. Copies of Photographs and Documents

The National Railway Museum can be contacted via its web site, which can be found at <http://nrm.org.au/>



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1

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GENERAL

Engine: Sulzer GLDA28C, 1400 HP @ 800 rpm
Main Generator: AEI Type TG-55202W, 1710A, 528V or 1200A, 750V @ 800 rpm
Aux Generator: AEI Type AG51BY, 21KW, 110V
Traction Motors: GN [®] AEI Type 258AZ, 172 shp
Gear Ratio: 19/92
Traction Effort: Maximum 47,500 lb Continuous 40,000 lb @
Max Service Speed: 50 mph

SPECIFICATION

Fuel Oil Capy 900 galls (Orig 700 galls)
Lub Oil Capy 150 galls
Water System Capy 92 galls
Air Netwt Curve 3 chains
Radiator Fan 55" dia Hydrostatic drive
Pressurising Fans 40" & 21" dia, Hydrostatic drive
Air Compressor: Gardner-Denver Type WXE 9057
Westinghouse BTEL Brake Equip.

1.1 CR NG Rolling Stock Diagrams - Page 1

COMMONWEALTH RAILWAYS 3'-6" GAUGE ROLLING STOCK DIAGRAMS INDEX										
SECTION	CLASS	DESCRIPTION	SHEET No		SECTION	CLASS	DESCRIPTION	SHEET No		
LOCOMOTIVES			1		NARA	76'-7"	FIRST CLASS SLEEPING CAR	19A		
			2			76'-7"	FIRST CLASS SLEEPING CAR	19B		
	NB	DIESEL-HYDRAULIC LOCOMOTIVE	2A			82'-0"	FIRST CLASS SLEEPING CAR (OBSERVATION END)	19C	+	
			3							
	NSU	DIESEL-ELECTRIC LOCOMOTIVE	4							
	NT	DIESEL-ELECTRIC LOCOMOTIVE	4A			NBR	60'-2"	SECOND CLASS SLEEPING CAR	20	
	NC	DIESEL-HYDRAULIC SHUNTING LOCOMOTIVE	5	+		NBRE	75'-0"	SECOND CLASS SLEEPING CAR (TWO BERTH)	21	+
	NJ	DIESEL-ELECTRIC LOCOMOTIVE	6			NBRA	76'-7"	SECOND CLASS SLEEPING CAR	22	
			7			NBRF	76'-7"	SECOND CLASS SLEEPING CAR AND LOUNGE	23	
			8					24		
SPECIAL SERVICE CARS			9					25		
			10							
	NSS	SPECIAL SERVICE CAR	11							
DINING CARS			12		SITTING UP CARS			26		
	NXD	50'-0" DINING CAR	13					26		
	NDA	60'-2" DINING CAR	14			NADH	60'-0" SITTING-UP CAR	27	+	
	NDB	65'-2" DINING CAR	14A							
	NDC	82'-0" DINING CAR	14B	+						
SLEEPING CARS			14C		LOUNGE CARS					
			15			NAF	65'-2" FIRST CLASS LOUNGE CAR	28	+	
	NARG	76'-7" FIRST CLASS SLEEPING CAR	15A			NAFA	75'-0" FIRST CLASS LOUNGE CAR	29		
	NAR	60'-2" FIRST CLASS SLEEPING CAR	16							
	NARP	47'7½" FIRST CLASS SLEEPING CAR	17							
			18							
			19							

+ INDICATES DIAGRAM NOT AVAILABLE

7.78

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1.2 CR NG Rolling Stock Diagrams - Page 2

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SECTION	CLASS	DESCRIPTION	SHEET Nº	SECTION	CLASS	DESCRIPTION	SHEET Nº
BRAKE POWER AND RELAY VANS			30	VANS AND WAGONS	NXA	BREAKDOWN VAN	45A +
			31		NXDA	DINING CAR BREAKDOWN CONSIST	46
			32		NEA	40'-1½" EMPLOYEES VAN	47
	NHRB	40'-1½" BOGIE RELAY VAN	33		NXE	60'-2" EMPLOYEES VAN	48
	NBHR	46'-7" COMPOSITE BRAKE VAN	34		NEG	EMPLOYEES VAN	49 +
	NYAB	32'-0" BOGIE BRAKE VAN	35		NEF	51'-0" EMPLOYEES VAN	49A
			36				
	NHR	46'-4½" BOGIE RELAY VAN	37				
	NHRG	60'-2" BOGIE BRAKE AND POWER VAN	38				
	NG	45'-0" BOGIE POWER VAN	38A +				50
	NGA	45'-0" BOGIE POWER VAN	38B +		NCB	36'-1" BOGIE CATTLE WAGON	51
							52
	NHRD	75'-0" BOGIE RELAY VAN	39		NCD	36'-0" BOGIE CATTLE WAGON	53
	NHRE	45'-0" BOGIE RELAY VAN	40 +		NCE	36'-0" BOGIE CATTLE WAGON	53A
SERVICE CARS							54
	NIB	32'-2" INSPECTION CAR	41				55
	NP	32'-0" PAY CAR	42		NSA	36'-5" BOGIE SHEEP WAGON	56
	NI	40'-1½" INSPECTION CAR	42A		NSB	36'-0" BOGIE SHEEP WAGON	57
	NIA	60'-2" OFFICERS INSPECTION CAR	42B				58
		FORD V8 RAIL MOTOR INSPECTION CAR	43				59
	NPA	46'-7" PAY CAR	44 +		NG	32'-0" BOGIE OPEN GOODS	59A
	NX	BREAKDOWN VAN	45		NGC	40'-0" BOGIE OPEN GOODS	60
							61
							62
							63

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PlanId: index2

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3

SECTION	CLASS	DESCRIPTION	SHEET No		SECTION	CLASS	DESCRIPTION	SHEET No	
			64						
			65						
	NGF	36' 0" BOGIE OPEN GOODS	66			NRL	59' 0" BOGIE FLAT WAGON	82E	
	NGG	40' 0" MOTOR VEHICLE WAGON	67	+		NRM	42' 0" BOGIE FLAT WAGON	82F	+
	NGH	36' 0" BOGIE OPEN GOODS	68			NRN	47' 0" BOGIE FLAT WAGON	82G	
	NGL	42' 0" BOGIE OPEN GOODS	69			NRD	BOGIE FLAT WAGON	82H	+
	NGJ	44' 0" BOGIE OPEN GOODS	69A	+		NRO	52' 0" LOW LEVEL FLAT WAGON	82J	
						NL	32' 8" BOGIE LOUVRE WAGON	83	
	NV	32' 2" BOGIE COVERED GOODS WAGON	70			NLA	40' 0" BOGIE LOUVRE WAGON	84	
	NVB	40' 0" BOGIE COVERED GOODS WAGON	71			NLB	36' 0" BOGIE LOUVRE WAGON	84A	
			72			NRP	42' 0" " FLAT WAGON	85	+
			73					86	
			74			NB	24' 6" BOGIE BALLAST WAGON	87	
	NVD	36' 0" BOGIE COVERED GOODS WAGON	75			NH	22' 6" BOGIE HOPPER WAGON	88	
			76			NHA	22' 6" BOGIE HOPPER WAGON	89	
			77			NHB	25' 0" BOGIE HOPPER WAGON (ALUMINIUM)	90	
	NR	32' 0" BOGIE FLAT WAGON	78			NBP	36' 0" BOGIE BALLAST PLOUGH	91	
	NRA	40' 0" BOGIE FLAT WAGON	79			NQ	50' 0" HEAVY LOAD FLAT WAGON	92	
	NRF	40' 0" BOGIE FLAT WAGON	80					93	
	NRC	36' 0" BOGIE FLAT WAGON	81			NTB	32' 0" BOGIE WATER TANK WAGON	94	
	NRG	44' 0" BOGIE FLAT WAGON	82					95	
	NRH	47' 0" BOGIE FLAT WAGON	82A					96	
	NRE	40' 0" BOGIE FLAT WAGON	82B	+		NTO	5000 GLL OIL TANK WAGON	97	+
	NRJ	33' 0" BOGIE WHEEL AND AXLE WAGON	82C	+		NTOA	5000 GLL OIL TANK WAGON	98	
	NRK	44' 0" SIX WHEEL BOGIE FLAT WAGON	82D	+		NTOB	5000 GLL OIL TANK WAGON	99	
						NTOF	5000 GLL OIL TANK WAGON	100	
						NTQC	5000 GLL OIL TANK WAGON	101	+

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PlanId: index3

1.4 CR NG Rolling Stock Diagrams - Page 4

4

SECTION		CLASS	DESCRIPTION			SHEET Nº		SECTION		CLASS	DESCRIPTION			SHEET Nº
		NTOD	5000	GLL	OIL TANK WAGON	102	+							
						103								
		NTC	5,000	GLL	OIL TANK WAGON	104	+							
		NTV	5,000	GLL	OIL TANK WAGON	105	+							
		NTOE	5,000	GLL	OIL TANK WAGON	106	+							

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2

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2.3	NT Class DE Loco	11
2.4	NJ Class DE Loco	12

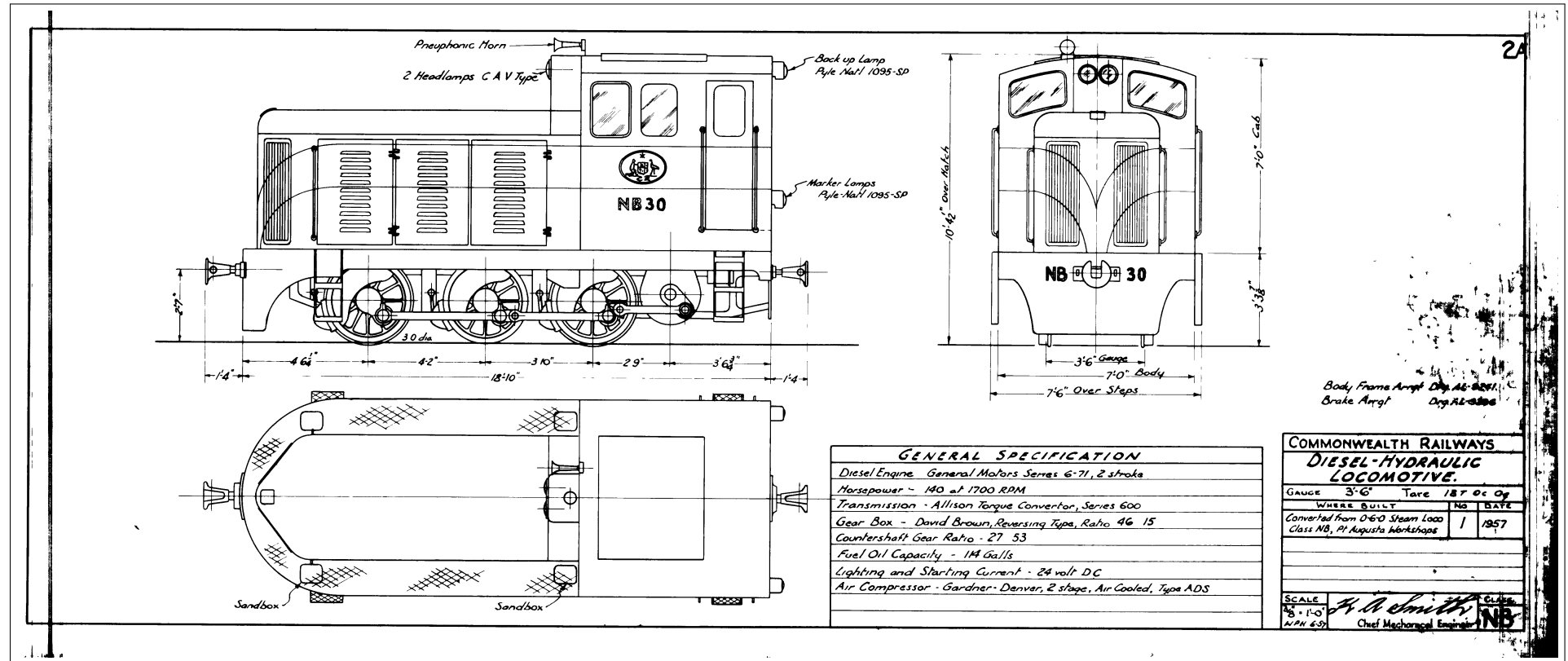
GENERAL

Engine: Sulzer GLDA28C, 1400 HP @ 800 rpm
Main Generator: AEI Type TG-55202W, 1710A, 528V or 1200A, 750V @ 800 rpm
Aux Generator: AEI Type AG51BY, 21KW, 110V
Traction Motors: GN [®] AEI Type 258AZ, 172 shp
Gear Ratio: 19/92
Traction Effort: Maximum 47,500 lb Continuous 40,000 lb @
Max Service Speed: 50 mph

SPECIFICATION

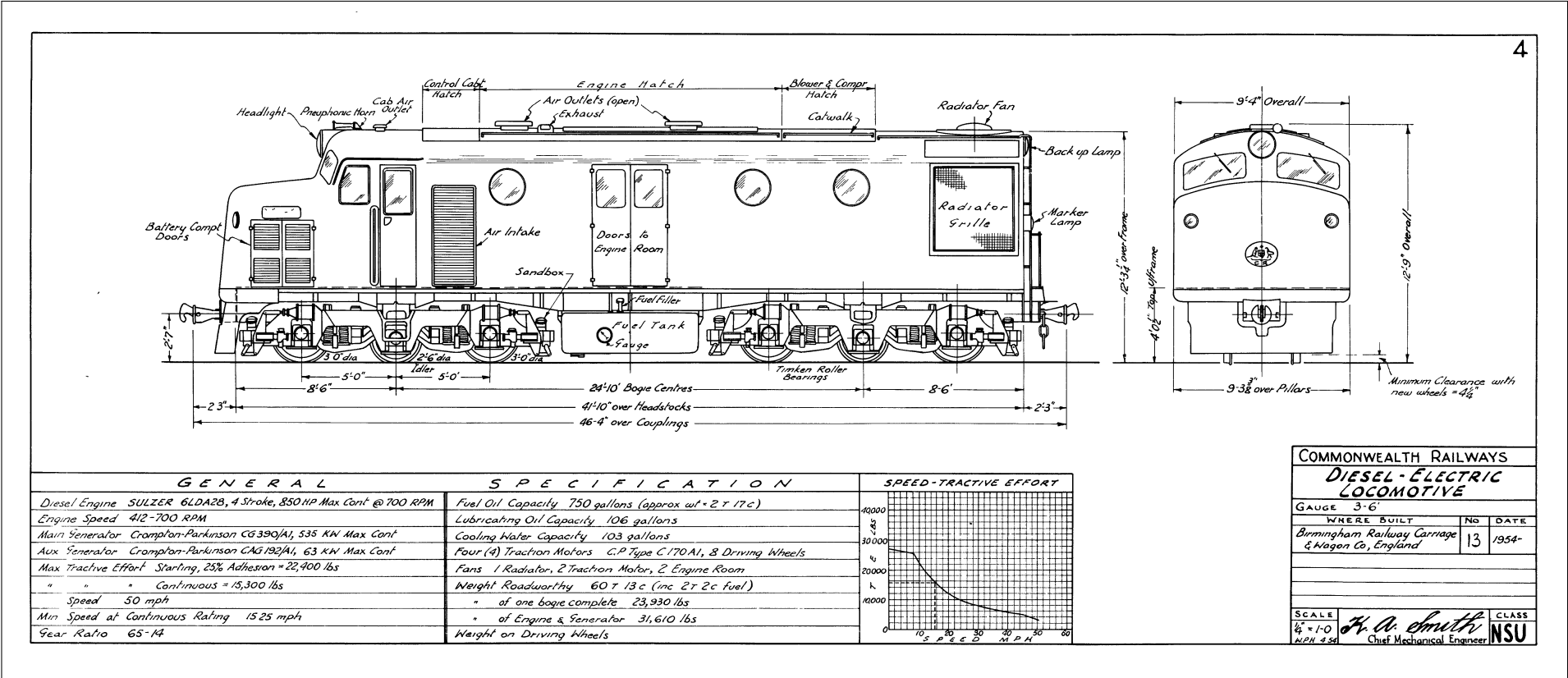
Fuel Oil Capy	900 galls (Orig 700 galls)
Lub Oil Capy	150 galls
Water System Capy	32 galls
Air Netwt Curve	3 chains
Radiator Fan	55" dia Hydrostatic drive
Pressurising Fans	40" & 21" dia, Hydrostatic drive
Air Compressor	Gardner-Denver Type WXE 9057
Westinghouse BTEL Brake Equip.	

2.1 NB Class Diesel Hydraulic Converted from 0-6-0 Steam Loco



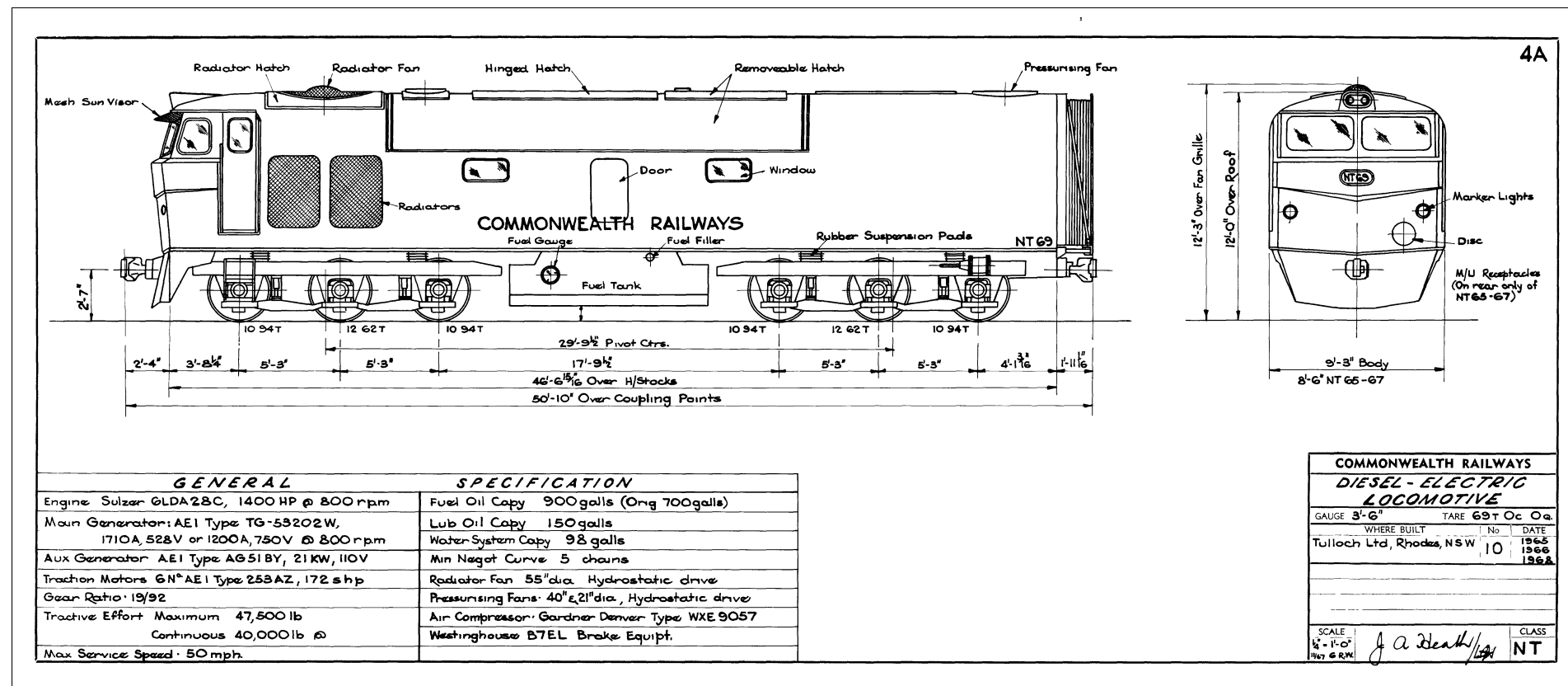
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2.2 NSU Class DE Loco



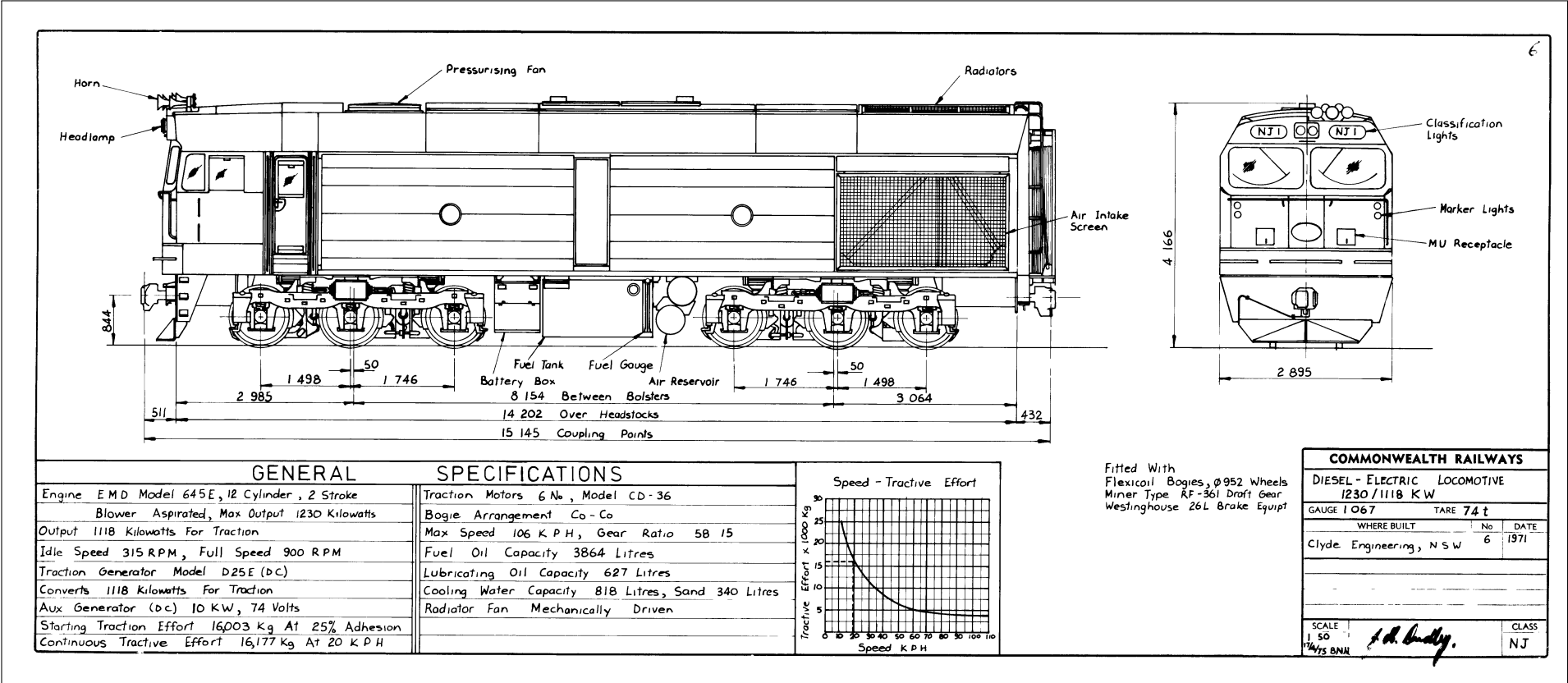
PlanId: nn004

2.3 NT Class DE Loco



PlanId: nn004a

2.4 NJ Class DE Loco



PlanId: nn006

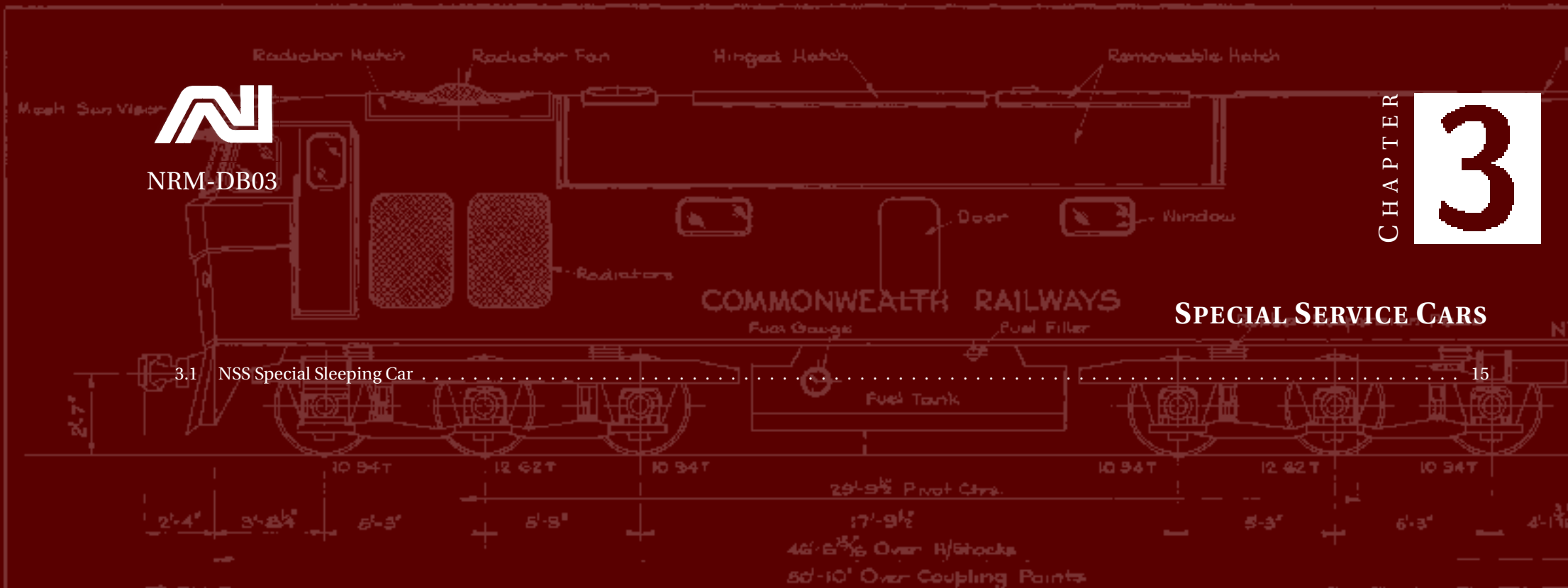


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SPECIAL SERVICE CARS

3.1 NSS Special Sleeping Car

15



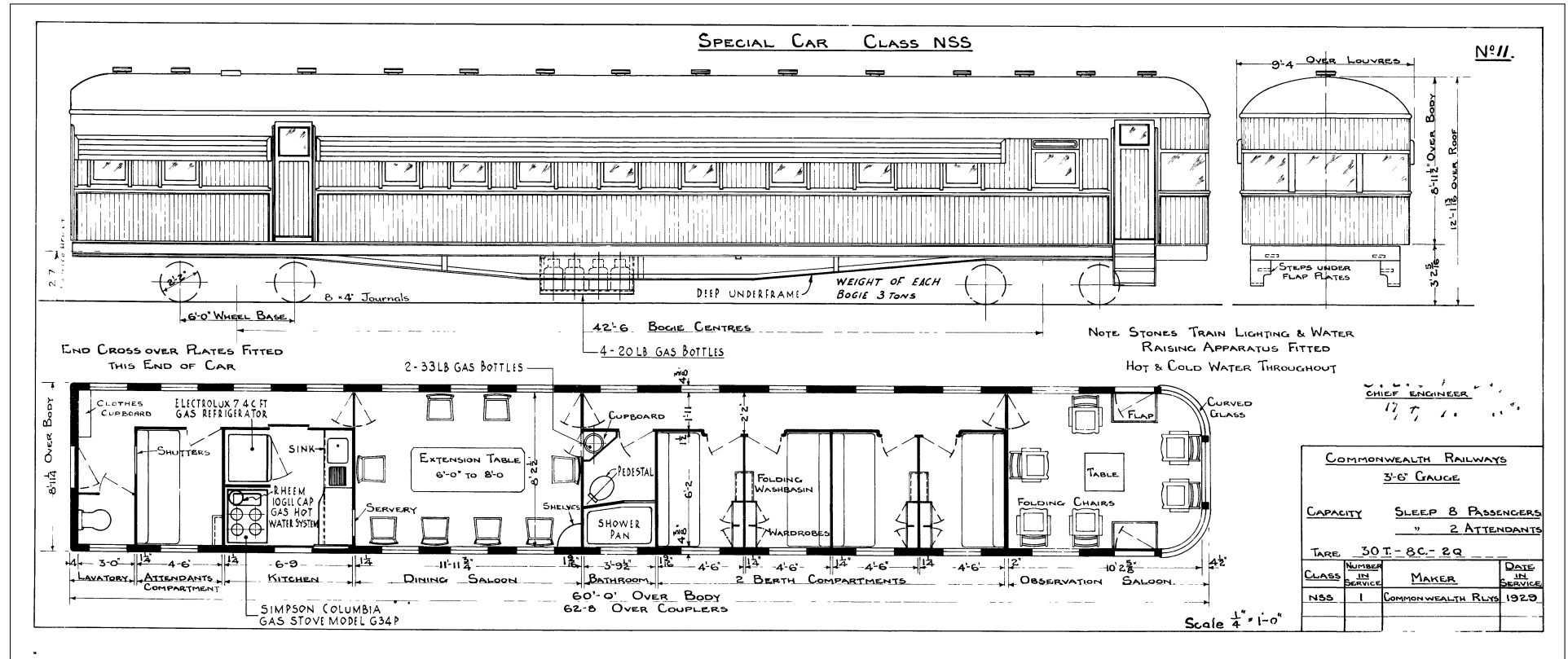
GENERAL

Engine: Sulzer GLDA28C, 1400 HP @ 800 rpm
Main Generator: AEI Type TG-55202W, 1710A, 528V or 1200A, 750V @ 800 rpm
Aux Generator: AEI Type AG51BY, 21KW, 110V
Traction Motors: GN [®] AEI Type 258AZ, 172 shp
Gear Ratio: 19/92
Traction Effort: Maximum 47,500 lb Continuous 40,000 lb @
Max Service Speed: 50 mph

SPECIFICATION

Fuel Oil Capy 900 galls (Orig 700 galls)
Lub Oil Capy 150 galls
Water System Capy 32 galls
Air Netwt Curve 3 chains
Radiator Fan 55" dia Hydrostatic drive
Pressurising Fans 40" & 21" dia, Hydrostatic drive
Air Compressor: Gardner-Denver Type WXE 9057
Westinghouse BTEL Brake Equip.

3.1 NSS Special Sleeping Car



PlanId: nn011



NRM-DB03

DINING CARS

4.1 NDA Dining Car

19

4.2 NDB Dining Car

20

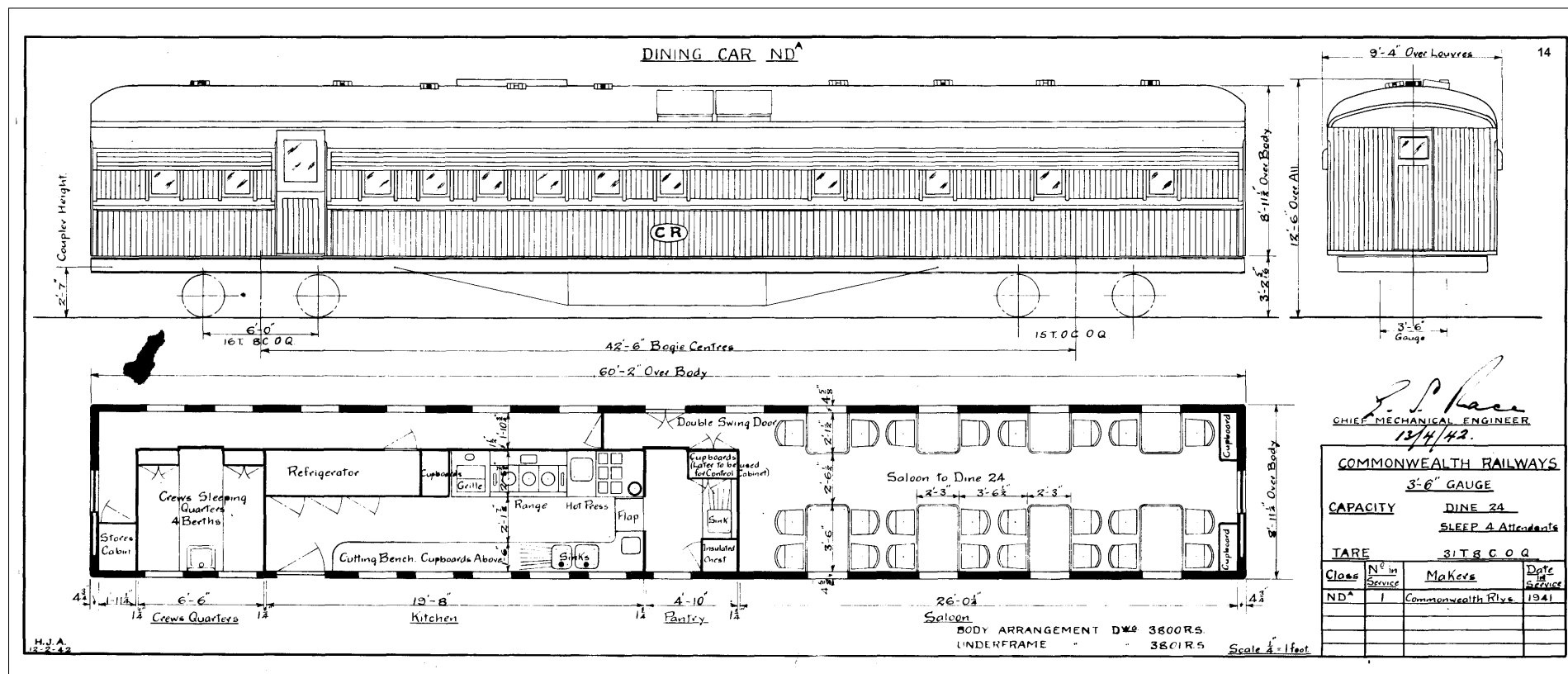
GENERAL

Engine: Sulzer GLDA28C, 1400 HP @ 800 rpm
Main Generator: AEI Type TG-55202W, 1710A, 528V or 1200A, 750V @ 800 rpm
Aux Generator: AEI Type AG51BY, 21KW, 110V
Traction Motors: GN [®] AEI Type 258AZ, 172 shp
Gear Ratio: 19/92
Traction Effort: Maximum 47,500 lb Continuous 40,000 lb @
Max Service Speed: 50 mph

SPECIFICATION

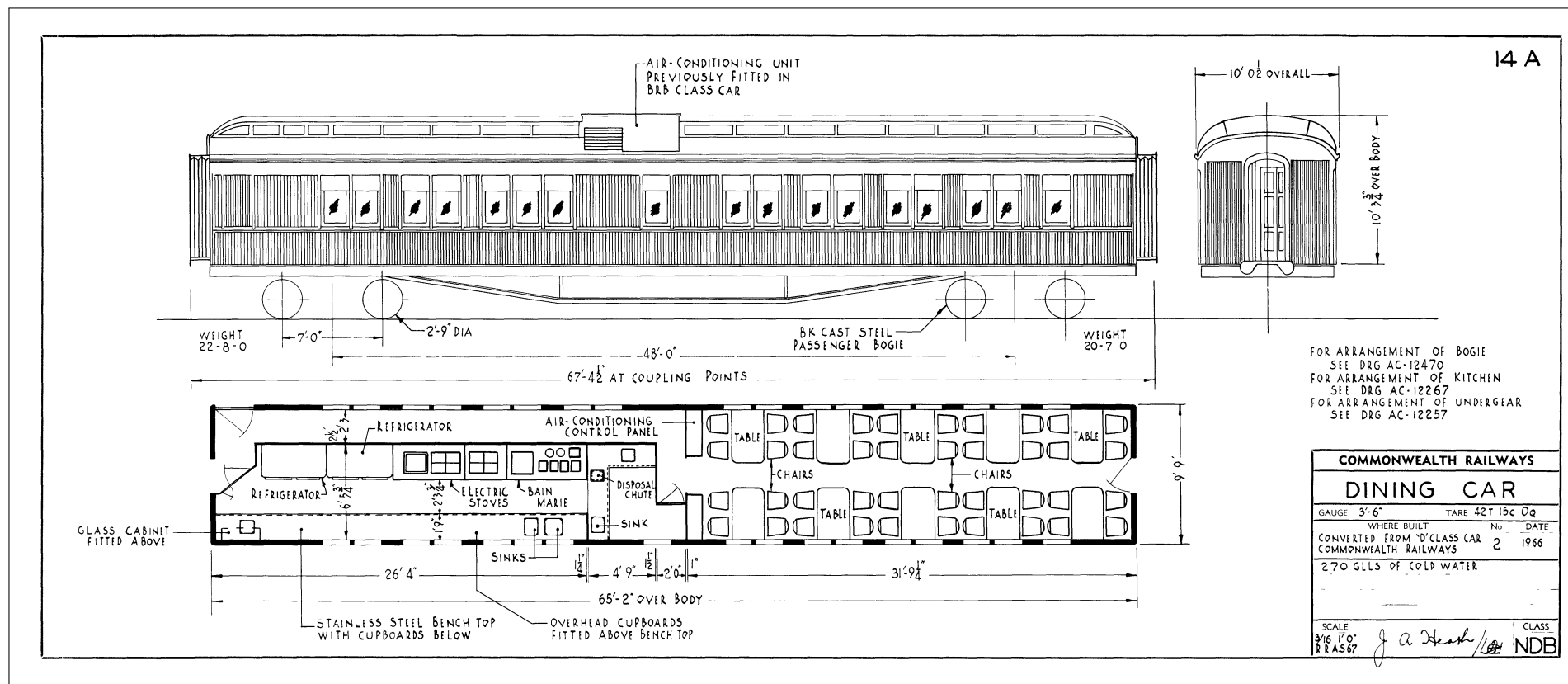
Fuel Oil Capy	900 galls (Orig 700 galls)
Lub Oil Capy	150 galls
Water System Capy	32 galls
Air Netwt Curve	3 chains
Radiator Fan	55" dia, Hydrostatic drive
Pressurising Fans	40" & 21" dia, Hydrostatic drive
Air Compressor	Gardner-Denver Type WXE 9057
Westinghouse BTEL Brake Equip.	

4.1 NDA Dining Car



PlanId: nn014

4.2 NDB Dining Car



PlanId: nn014a



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CHAPTER

5

SLEEPING CARS

5.1	NARG 1st Class Cabin Car	23
5.2	NAR Class Car	24
5.3	NARP Class Car	25
5.4	NARA 1st Class Sleeping Car	26
5.5	NARC 1st Class Sleeping Car	27
5.6	NBR 2nd Class Sleeping Car	28
5.7	NBRA 2nd Class Sleeping Car	29
5.8	NBRF 2nd Class Sleeping Car and Lounge	30

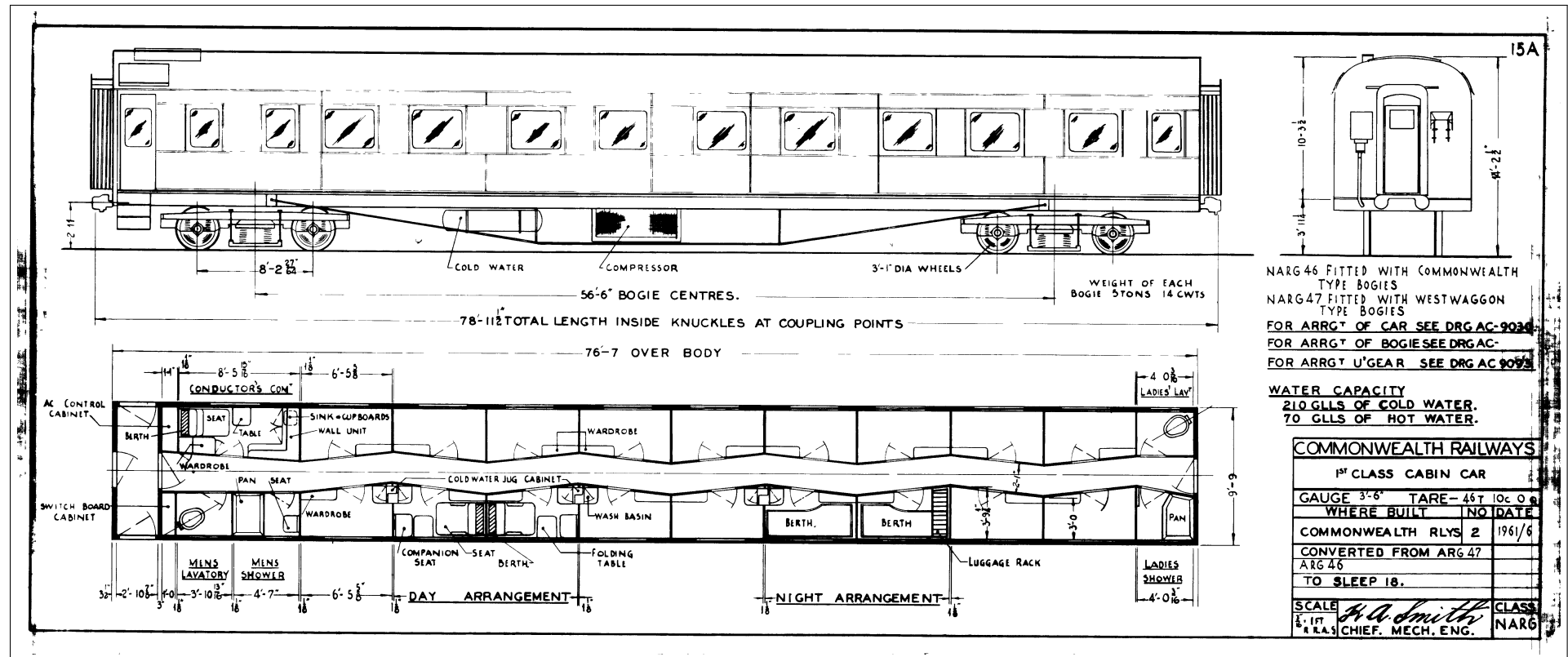
GENERAL

Engine: Sulzer GLDA28C, 1400 HP @ 800 rpm
Main Generator: AEI Type TG-55202W, 1710A, 528V or 1200A, 750V @ 800 rpm
Aux Generator: AEI Type AG51BY, 21KW, 110V
Traction Motors: GN [®] AEI Type 258AZ, 172 shp
Gear Ratio: 19/92
Traction Effort: Maximum 47,500 lb
Continuous 40,000 lb @
Max Service Speed: 50 mph

SPECIFICATION

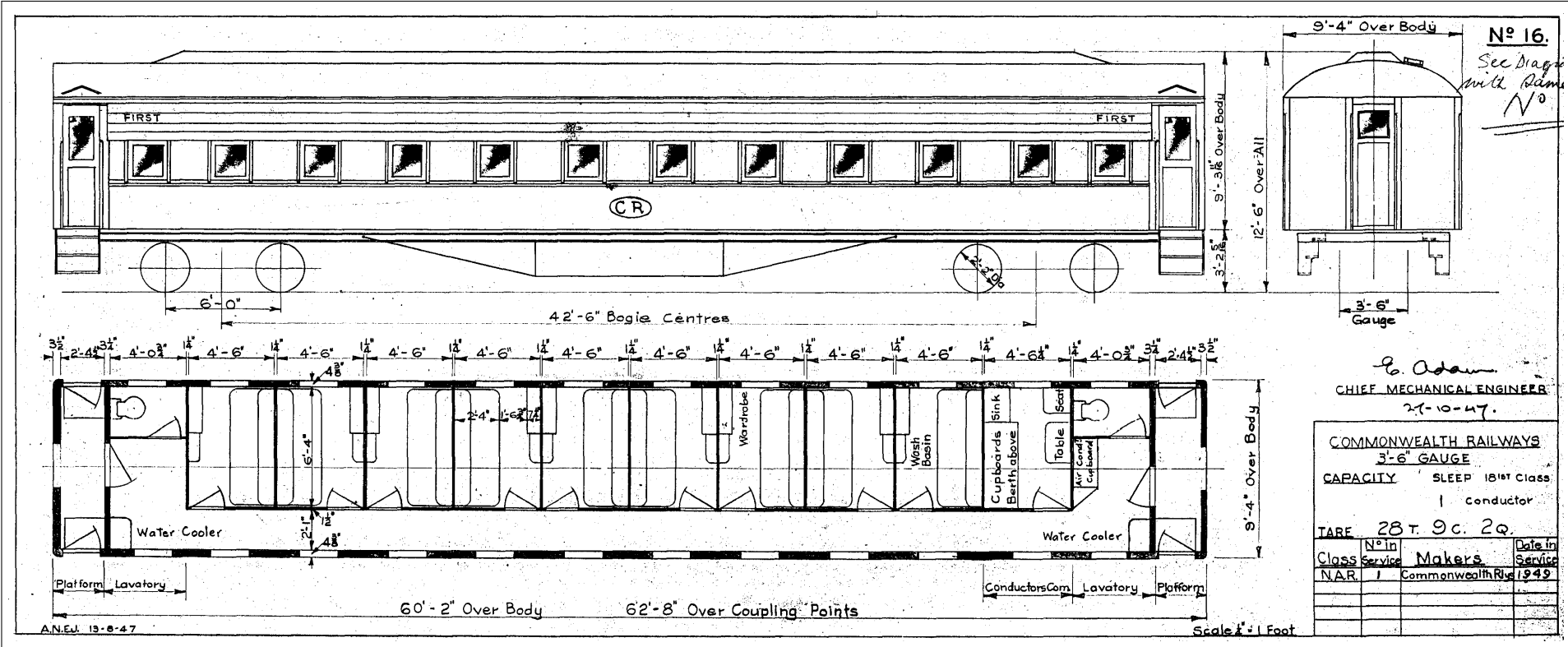
Fuel Oil Capy	900 galls (Orig 700 galls)
Lub Oil Capy	150 galls
Water System Capy	32 galls
Air Netwt Curve	3 chains
Radiator Fan	55" dia Hydrostatic drive
Pressurising Fans	40" & 21" dia, Hydrostatic drive
Air Compressor	Gardner-Denver Type WXE 9057
Westinghouse BTEL Brake Equip.	

5.1 NARG 1st Class Cabin Car



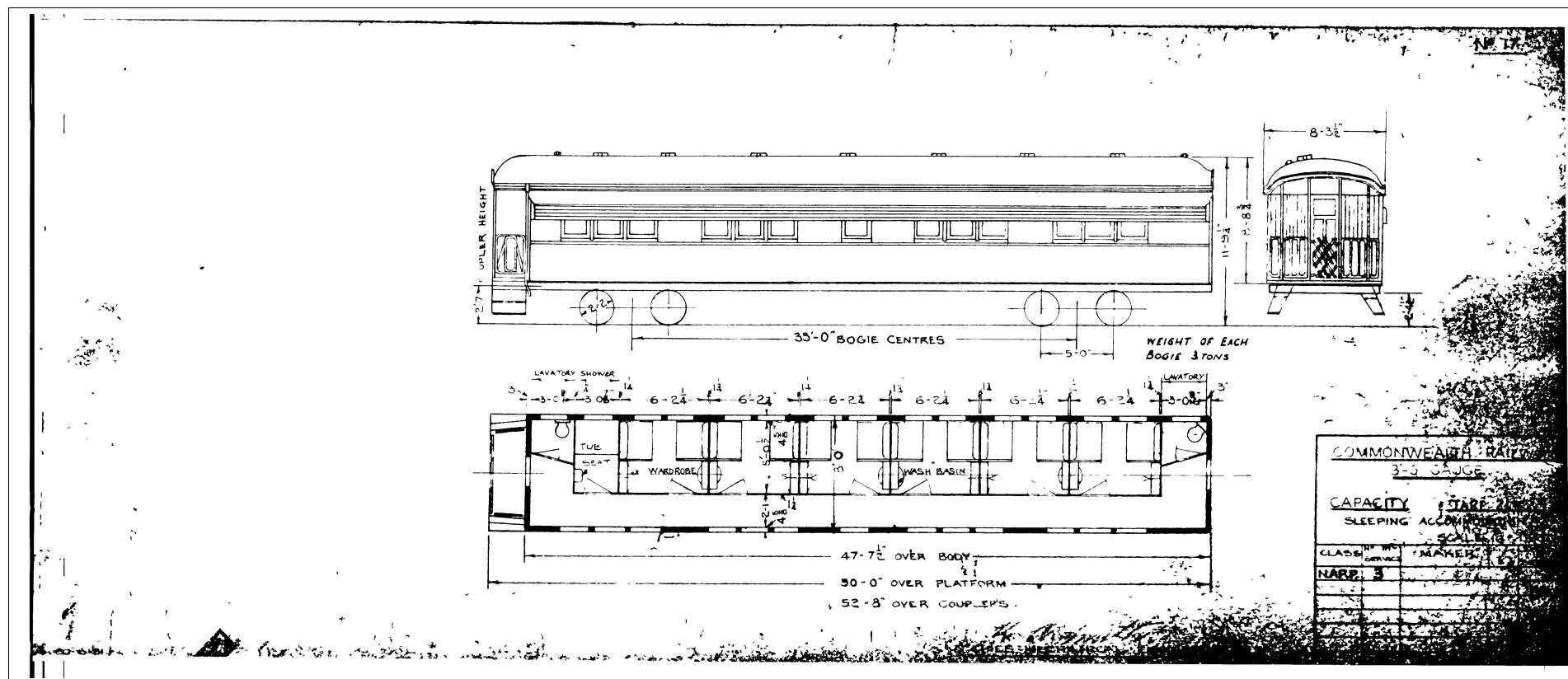
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5.2 NAR Class Car

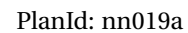


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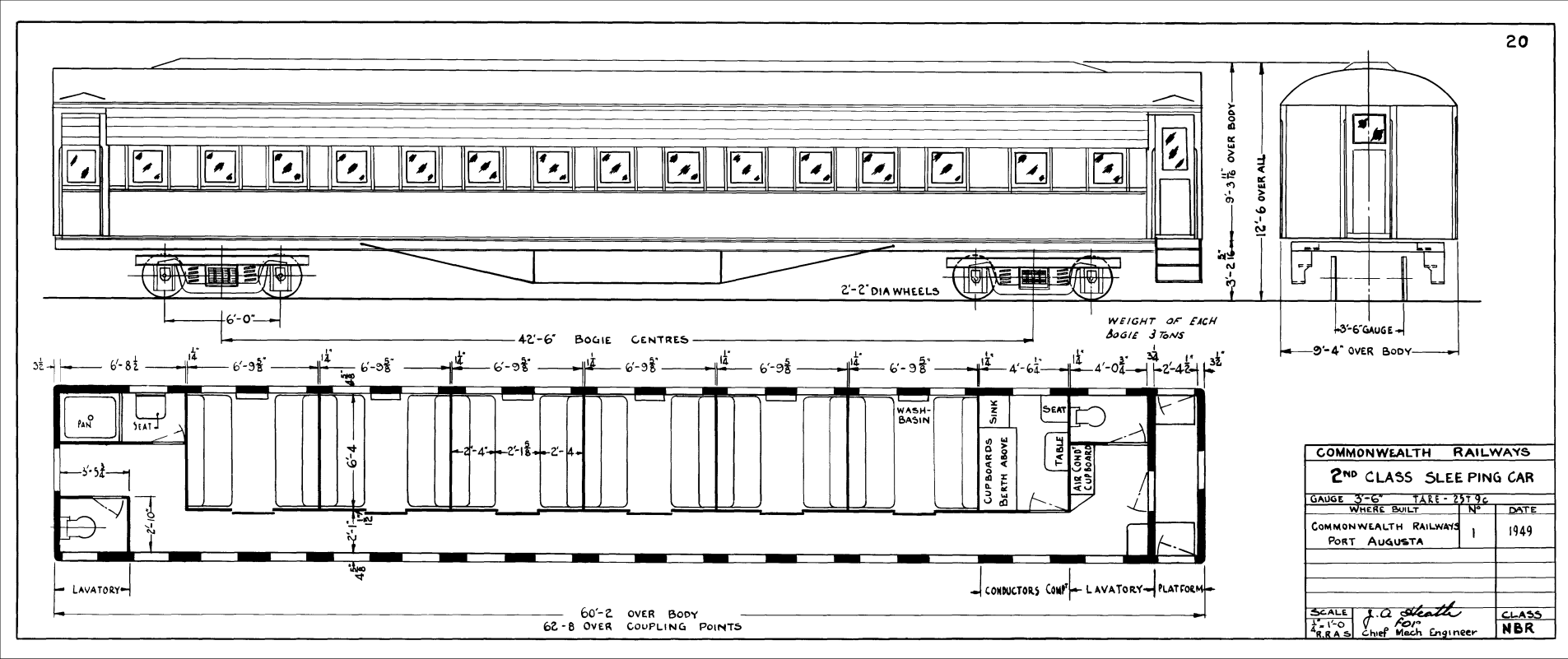
5.3 NARP Class Car



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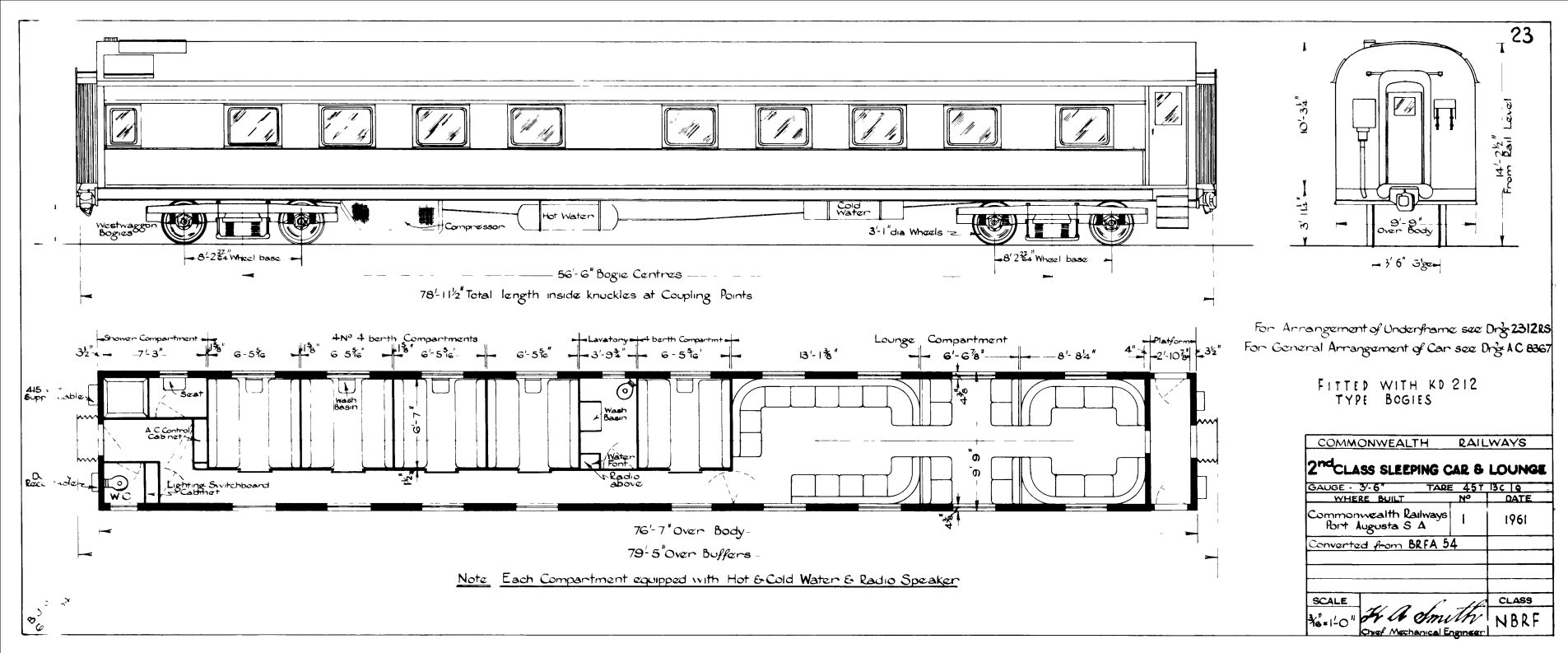


5.6 NBR 2nd Class Sleeping Car



PlanId: nn020

5.8 NBRF 2nd Class Sleeping Car and Lounge



PlanId: nn023

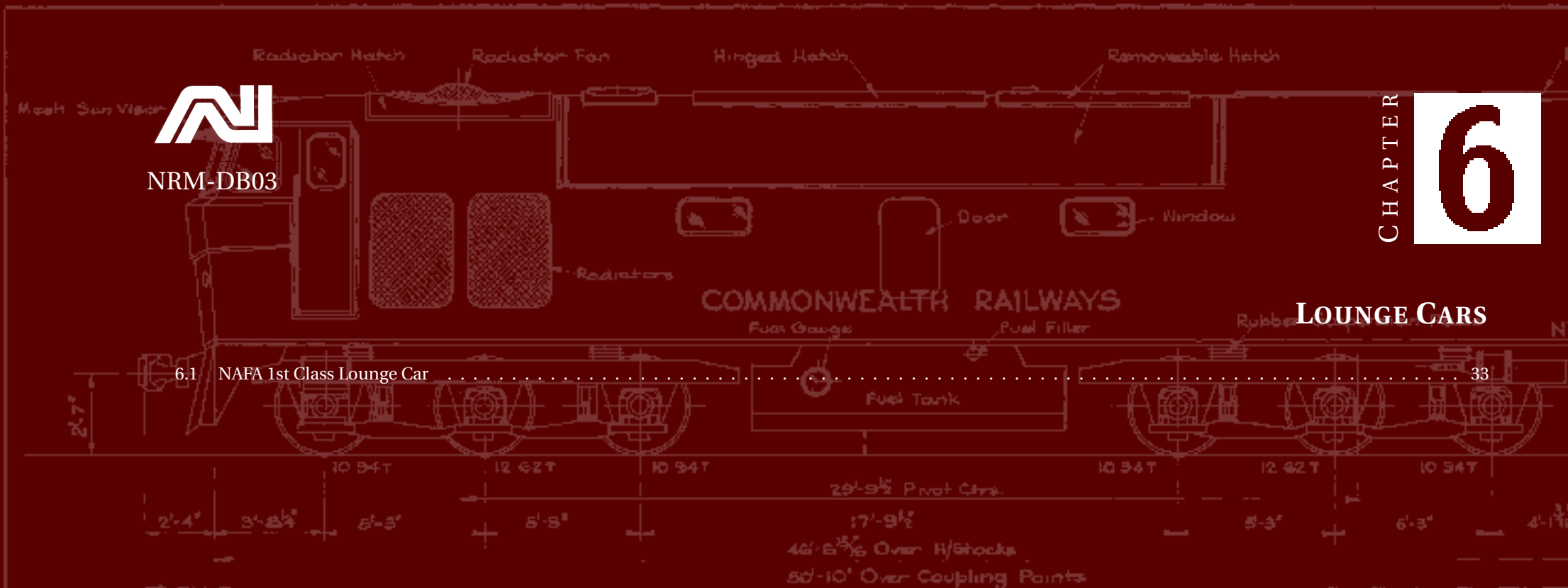


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LOUNGE CARS

6.1 NAFA 1st Class Lounge Car

33



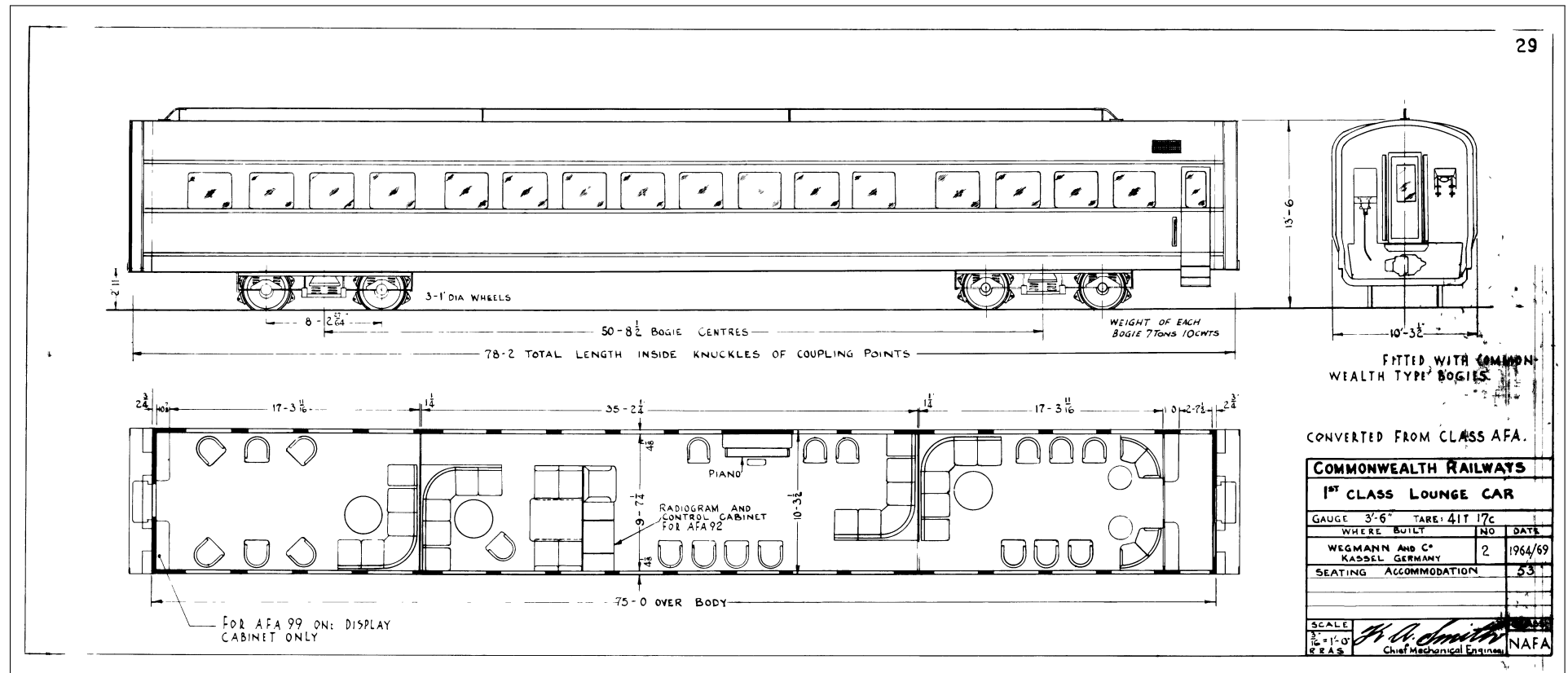
GENERAL

Engine: Sulzer GLDA28C, 1400 HP @ 800 rpm
Main Generator: AEI Type TG-55202W, 1710A, 528V or 1200A, 750V @ 800 rpm
Aux Generator: AEI Type AG51BY, 21KW, 110V
Traction Motors: GN [®] AEI Type 258AZ, 172 shp
Gear Ratio: 19/92
Traction Effort: Maximum 47,500 lb Continuous 40,000 lb @
Max Service Speed: 50 mph

SPECIFICATION

Fuel Oil Capy 900 galls (Orig 700 galls)
Lub Oil Capy 150 galls
Water System Capy 32 galls
Air Netwt Curve 3 chains
Radiator Fan 55" dia Hydrostatic drive
Pressurising Fans 40" & 21" dia, Hydrostatic drive
Air Compressor: Gardner-Denver Type WXE 9057
Westinghouse BTEL Brake Equip.

6.1 NAFA 1st Class Lounge Car



PlanId: nn029



NRM-DB03

Brake, Power and Relay Vans

7.1	NHRB Relay Van	37
7.2	NBHR Composite Brake Van	38
7.3	NGA Power Car 45'	39
7.4	NHRD Brake and Crew Van	40

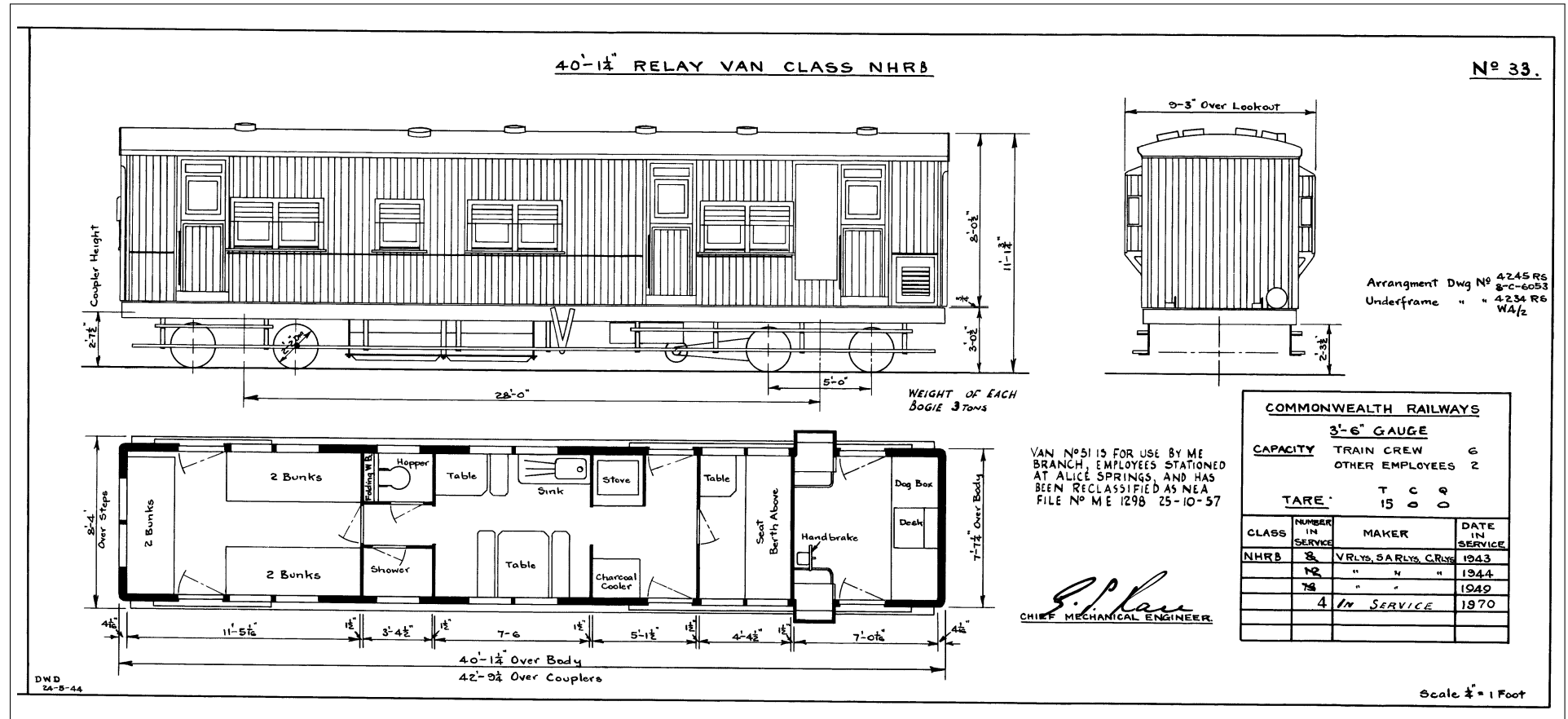
GENERAL

Engine: Sulzer GLDA28C, 1400 HP @ 800 rpm
Main Generator: AEI Type TG-55202W, 1710A, 528V or 1200A, 750V @ 800 rpm
Aux Generator: AEI Type AG51BY, 21KW, 110V
Traction Motors: GN [®] AEI Type 258AZ, 172 shp
Gear Ratio: 19/92
Traction Effort: Maximum 47,500 lb Continuous 40,000 lb @
Max Service Speed: 50 mph

SPECIFICATION

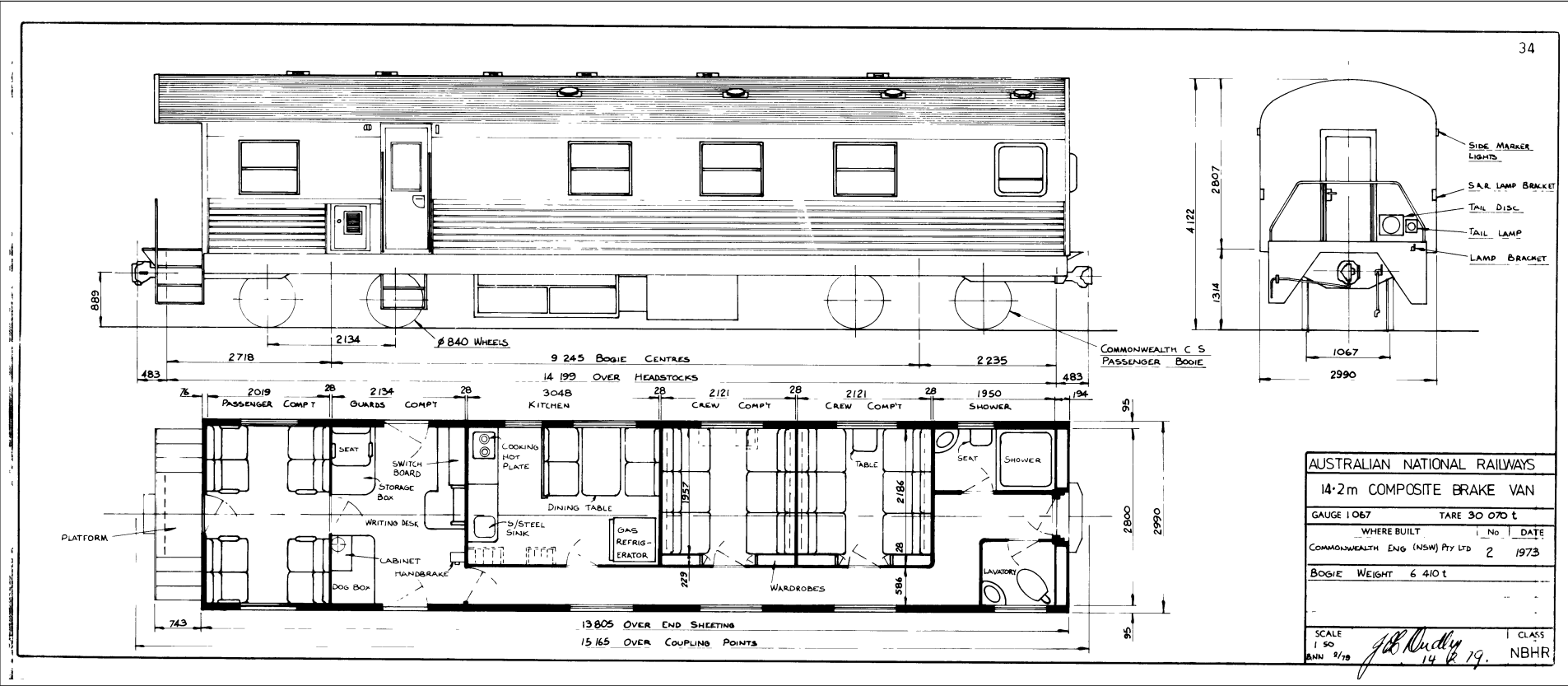
Fuel Oil Capy	900 galls (Orig 700 galls)
Lub Oil Capy	150 galls
Water System Capy	32 galls
Air Netwt Curve	3 chains
Radiator Fan	55" dia Hydrostatic drive
Pressurising Fans	40" & 21" dia, Hydrostatic drive
Air Compressor	Gardner-Denver Type WXE 9057
Westinghouse BTEL Brake Equip.	

7.1 NHRB Relay Van



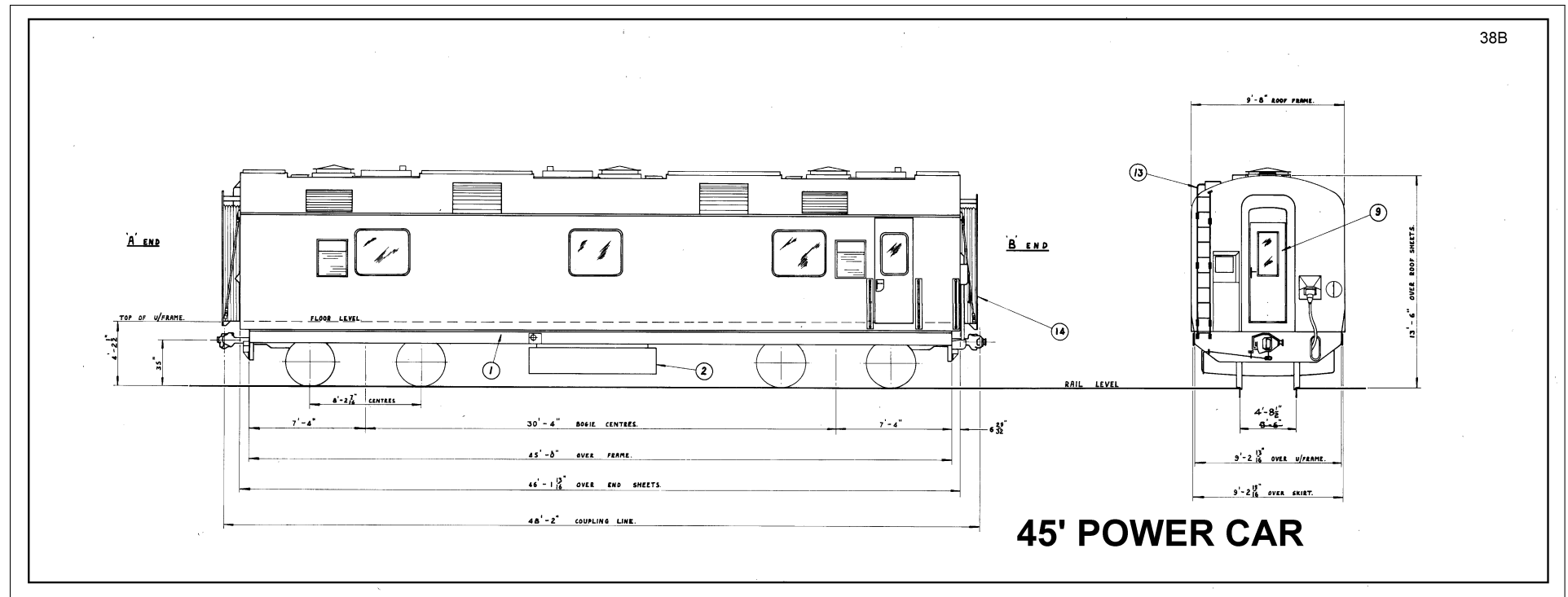
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7.2 NBHR Composite Brake Van



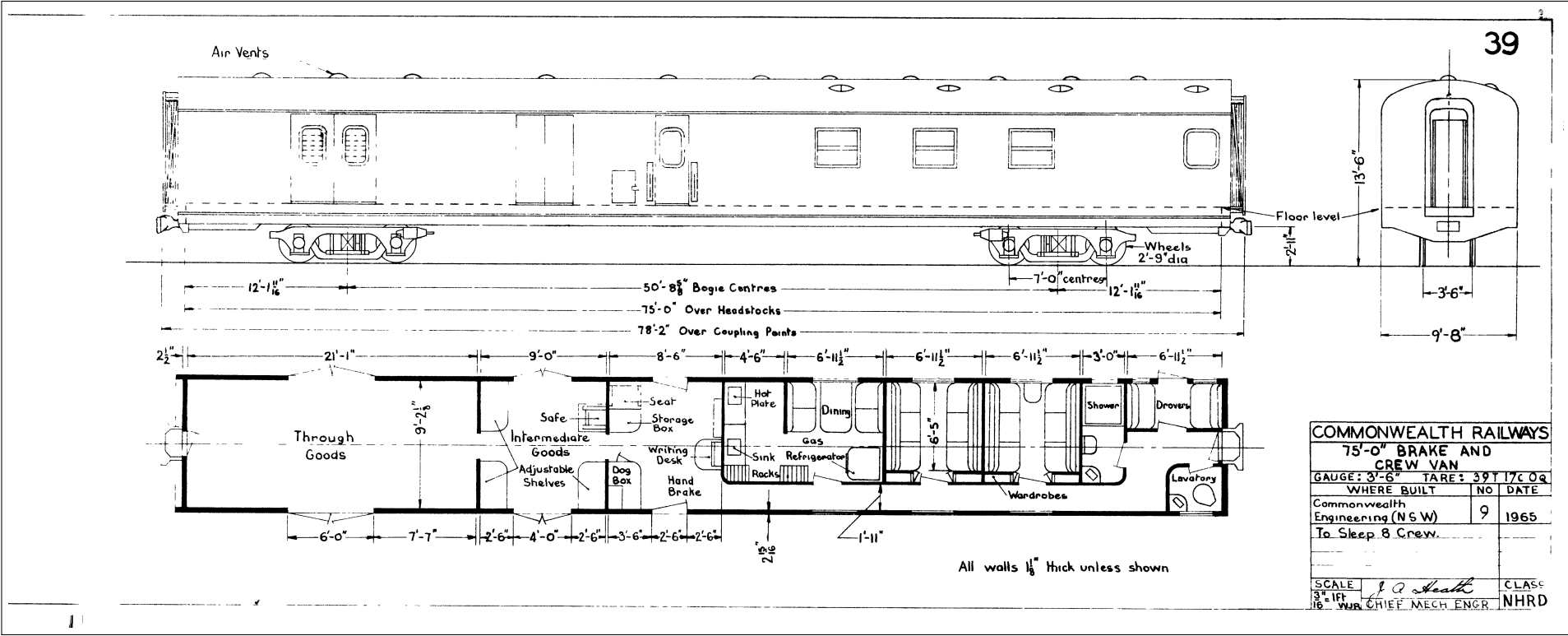
PlanId: nn034

7.3 NGA Power Car 45'



PlanId: nn038b

7.4 NHRD Brake and Crew Van



PlanId: nn039



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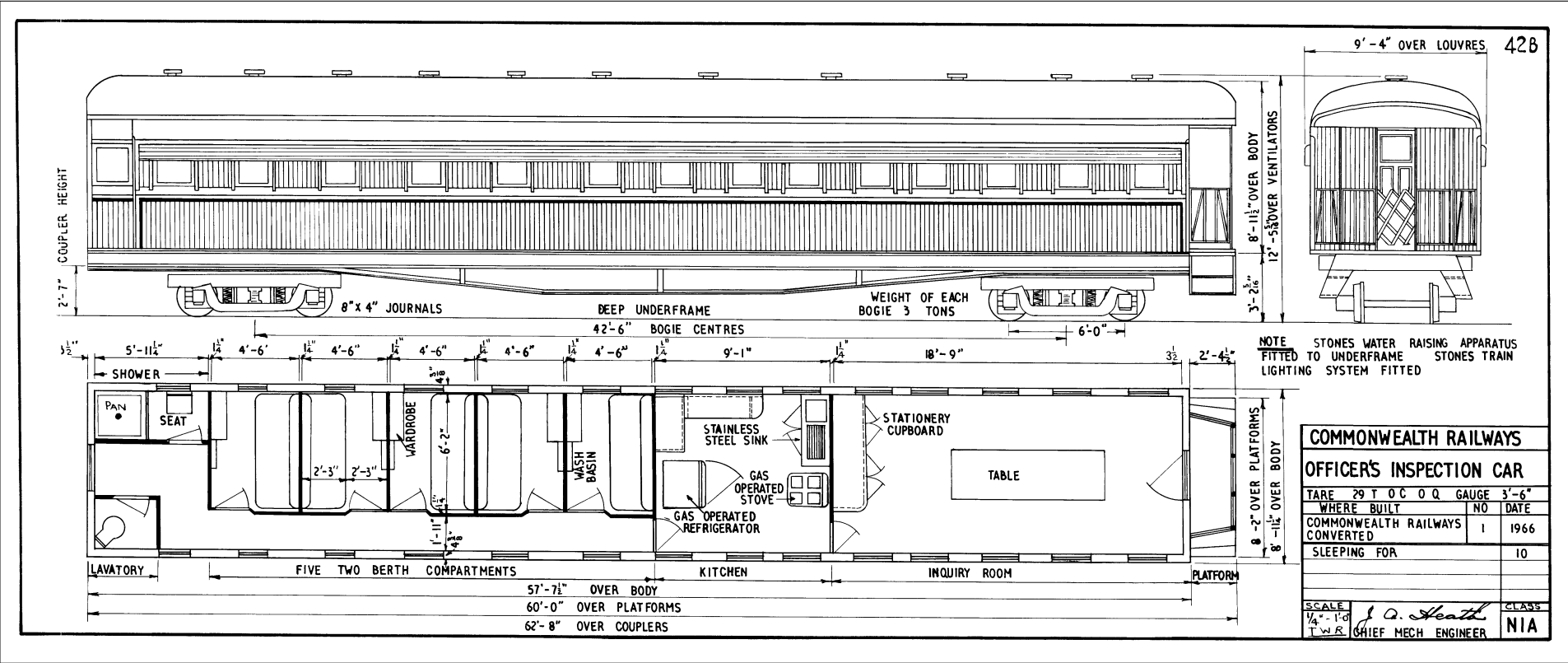
GENERAL

SPECIFICATION

Engine: Sulzer GLDA28C, 1400 HP @ 800 rpm
 Main Generator: AEI Type TG-55202W,
 1710A, 528V or 1200A, 750V @ 800 rpm
 Aux Generator: AEI Type AG51BY, 21KW, 110V
 Traction Motors: GN[®] AEI Type 258AZ, 172 shp
 Gear Ratio: 19/92
 Tractive Effort: Maximum 47,500 lb
 Continuous 40,000 lb @
 Max Service Speed: 50 mph

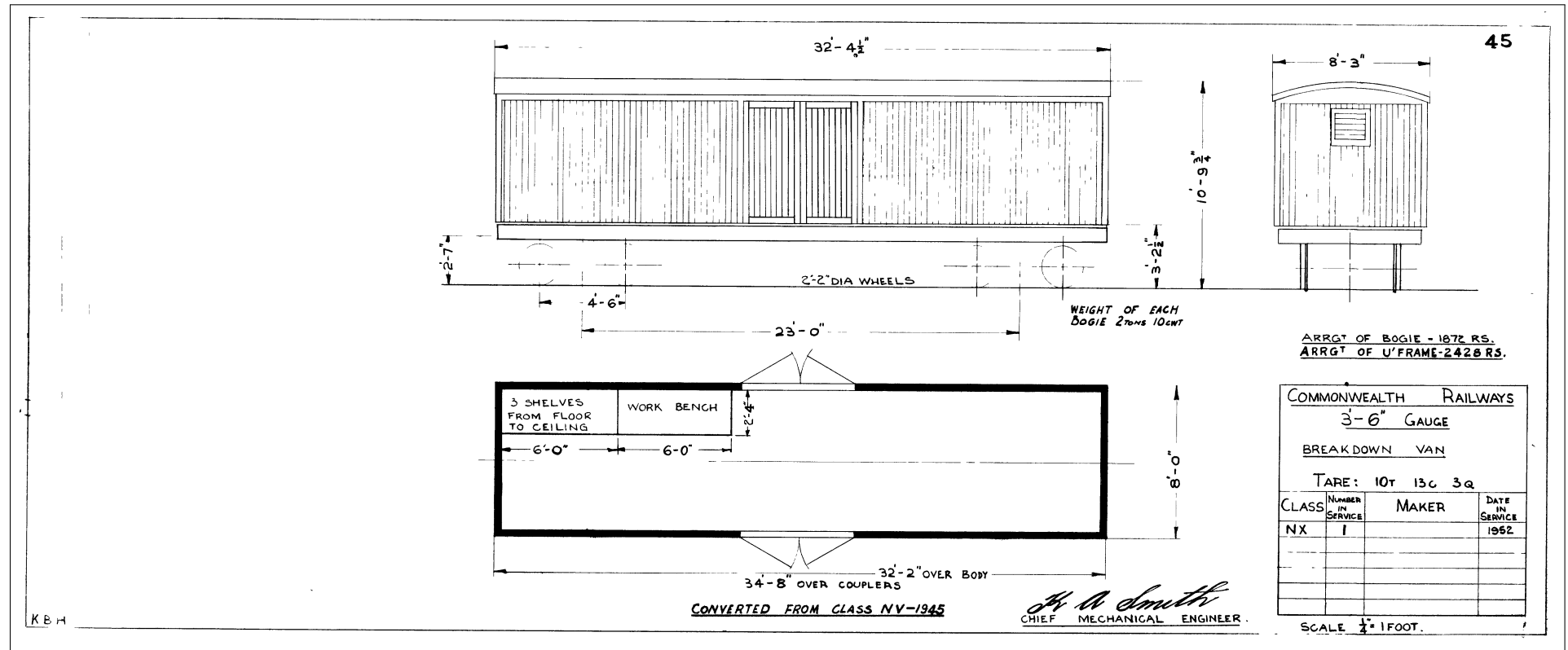
Fuel Oil Capy 900 galls (Orig 700 galls)
 Lub Oil Capy 150 galls
 Water System Capy 32 galls
 Min Netset Curve 3 chains
 Radiator Fan 55" dia Hydrostatic drive
 Pressurising Fans 40" & 21" dia, Hydrostatic drive
 Air Compressor: Gardner-Denver Type WXE 9057
 Westinghouse BTEL Brake Equip.

8.2 NIA Officers Inspection Car

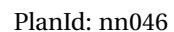


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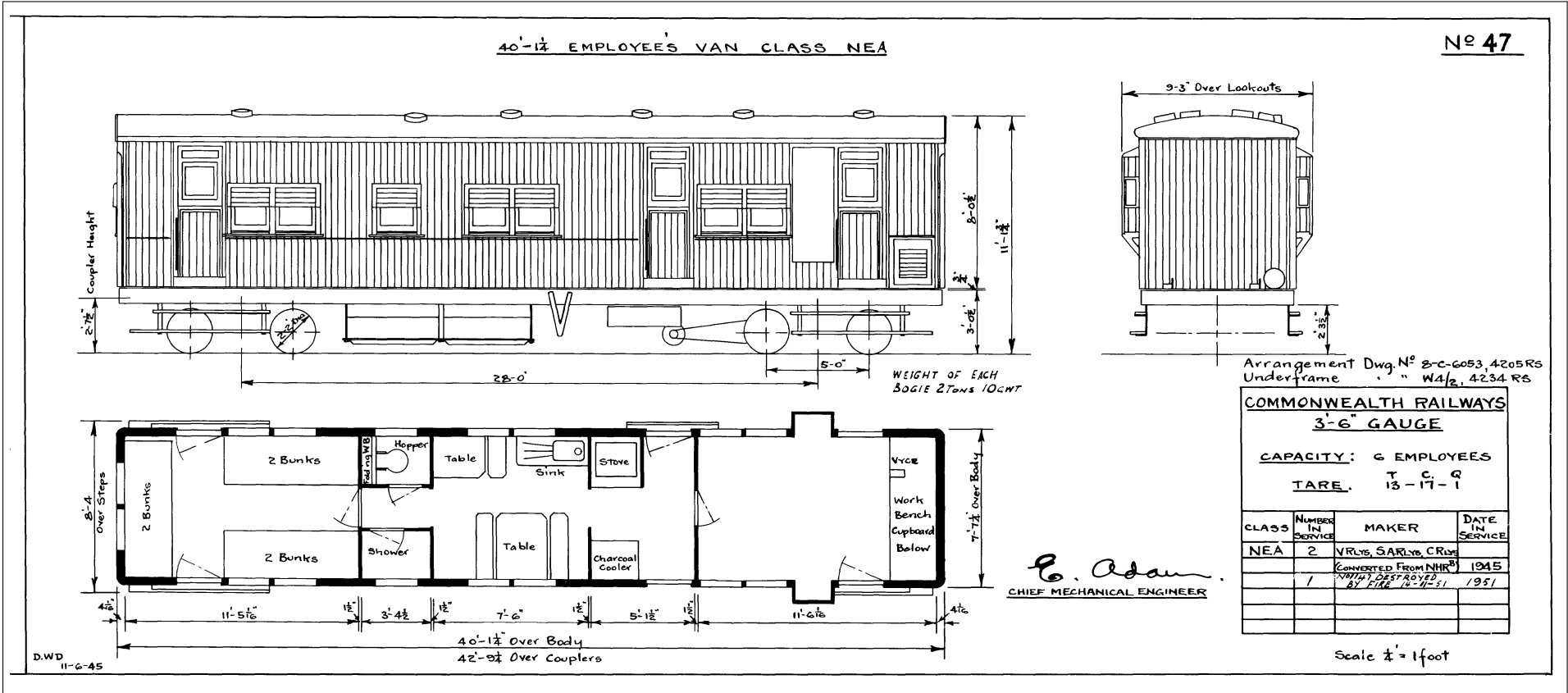
8.3 NX Breakdown Van



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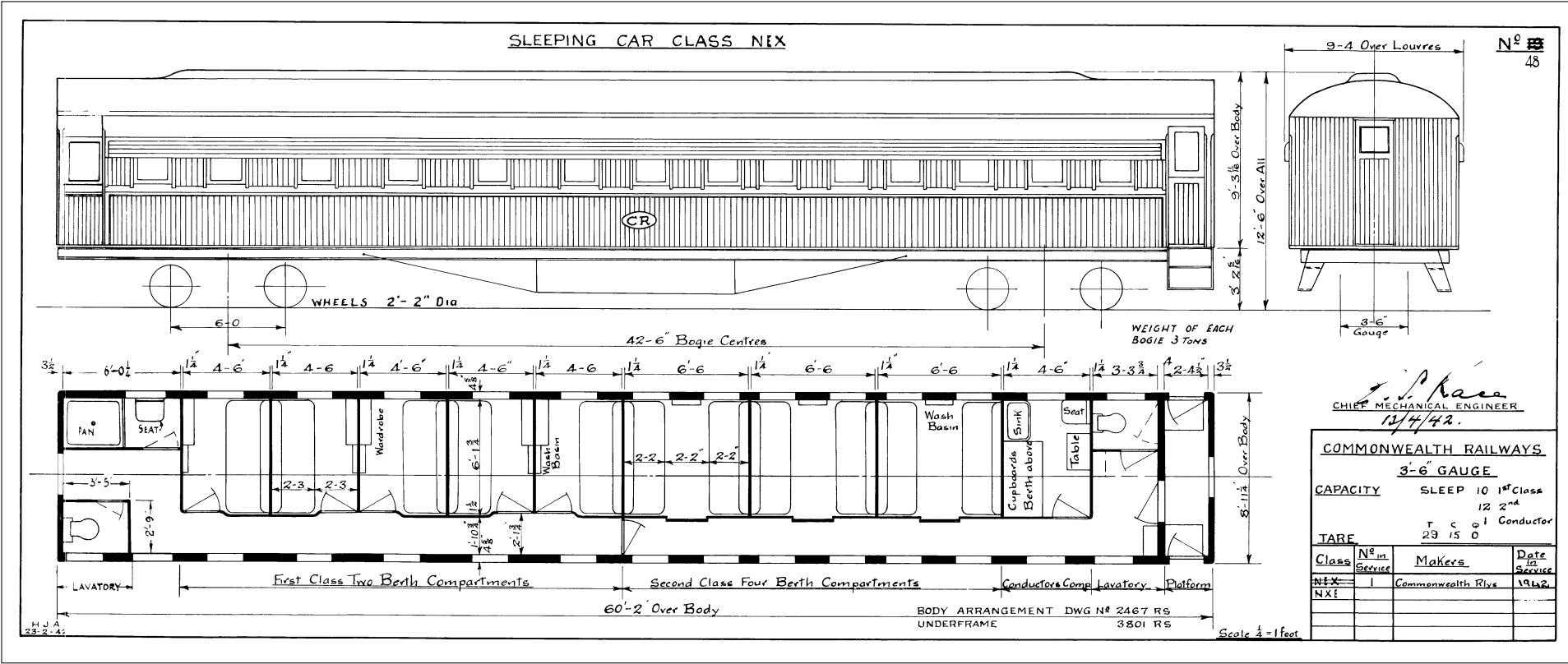


8.5 NEA Employees Van



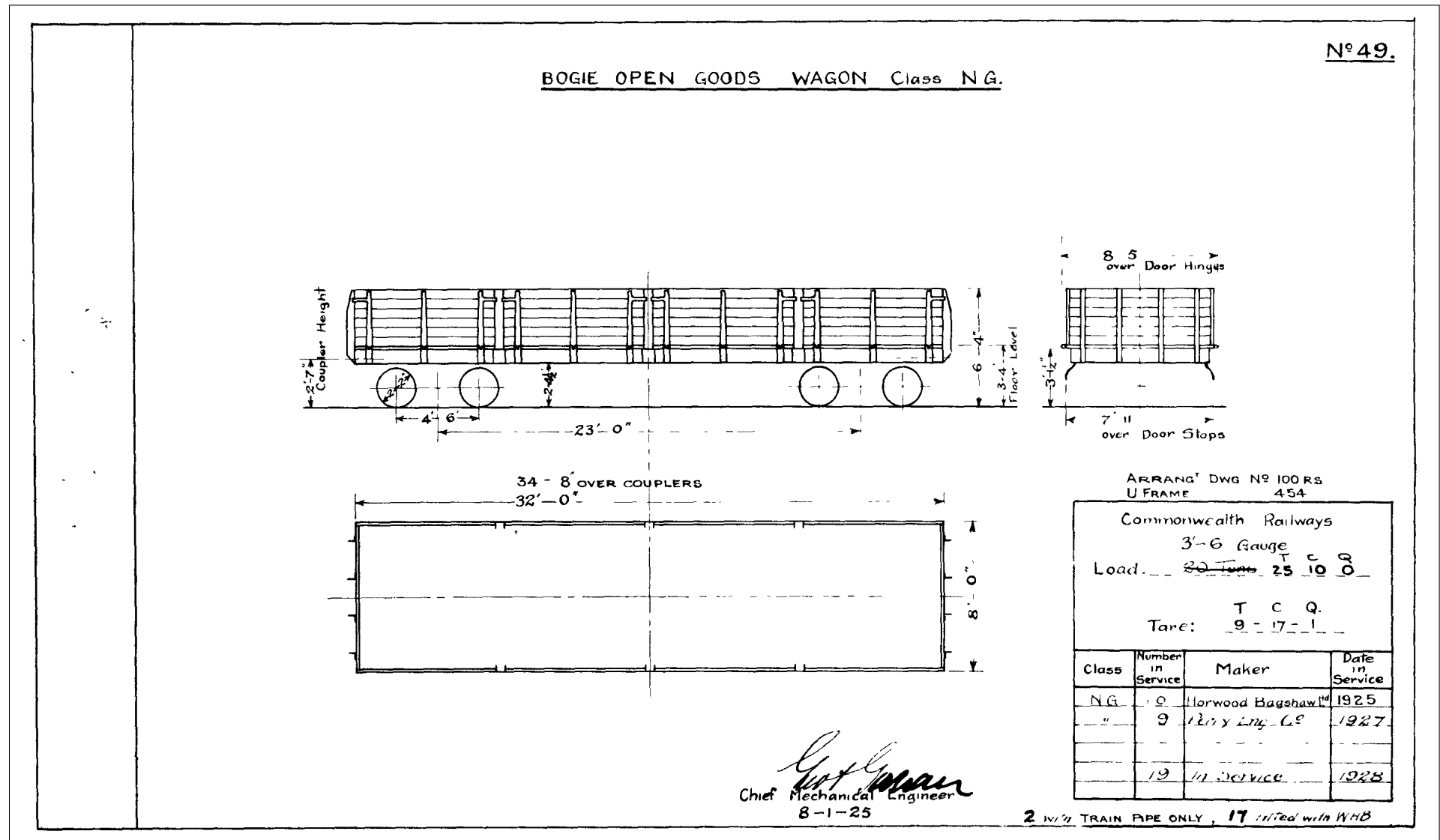
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8.6 NXE Sleeping Car



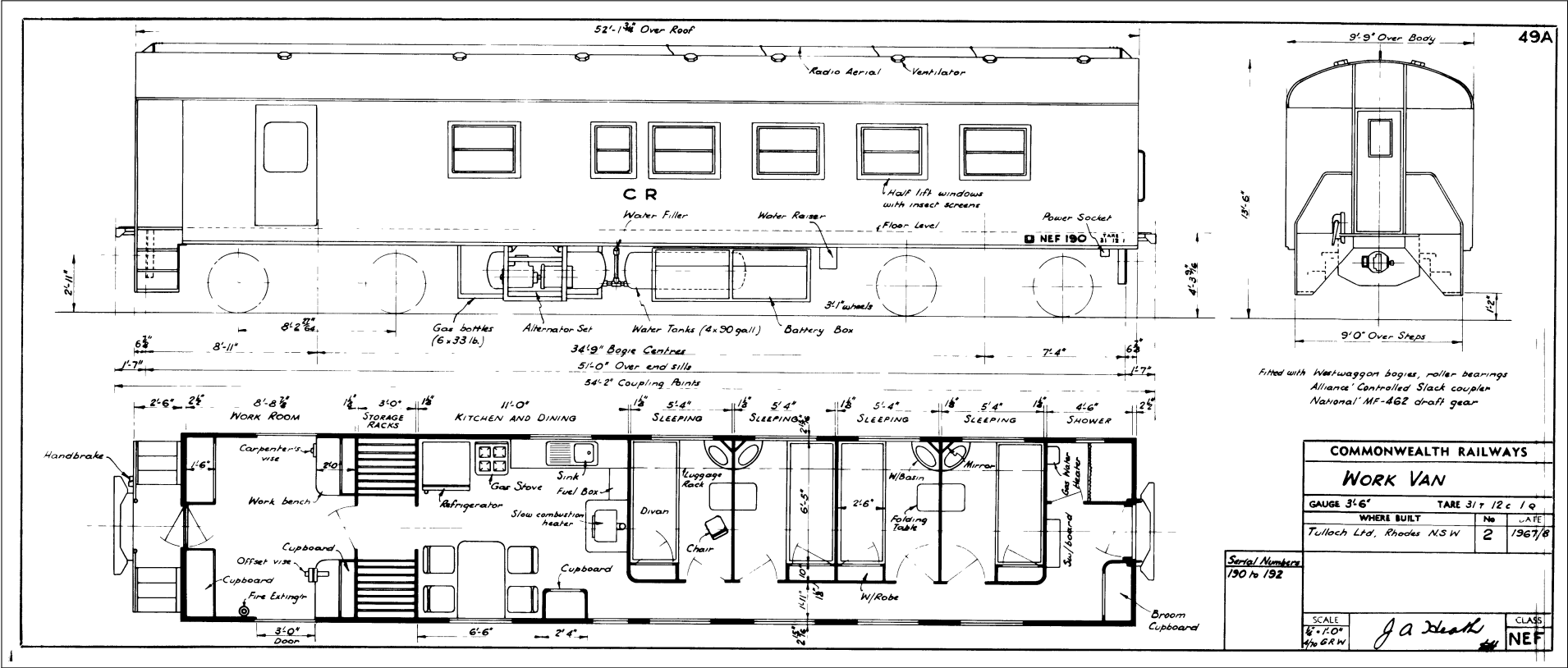
PlanId: nn048

8.7 NG Bogie Goods Open Wagon



PlanId: nn049

8.8 NEF Work Van



PlanId: nn049a



NRM-DB03

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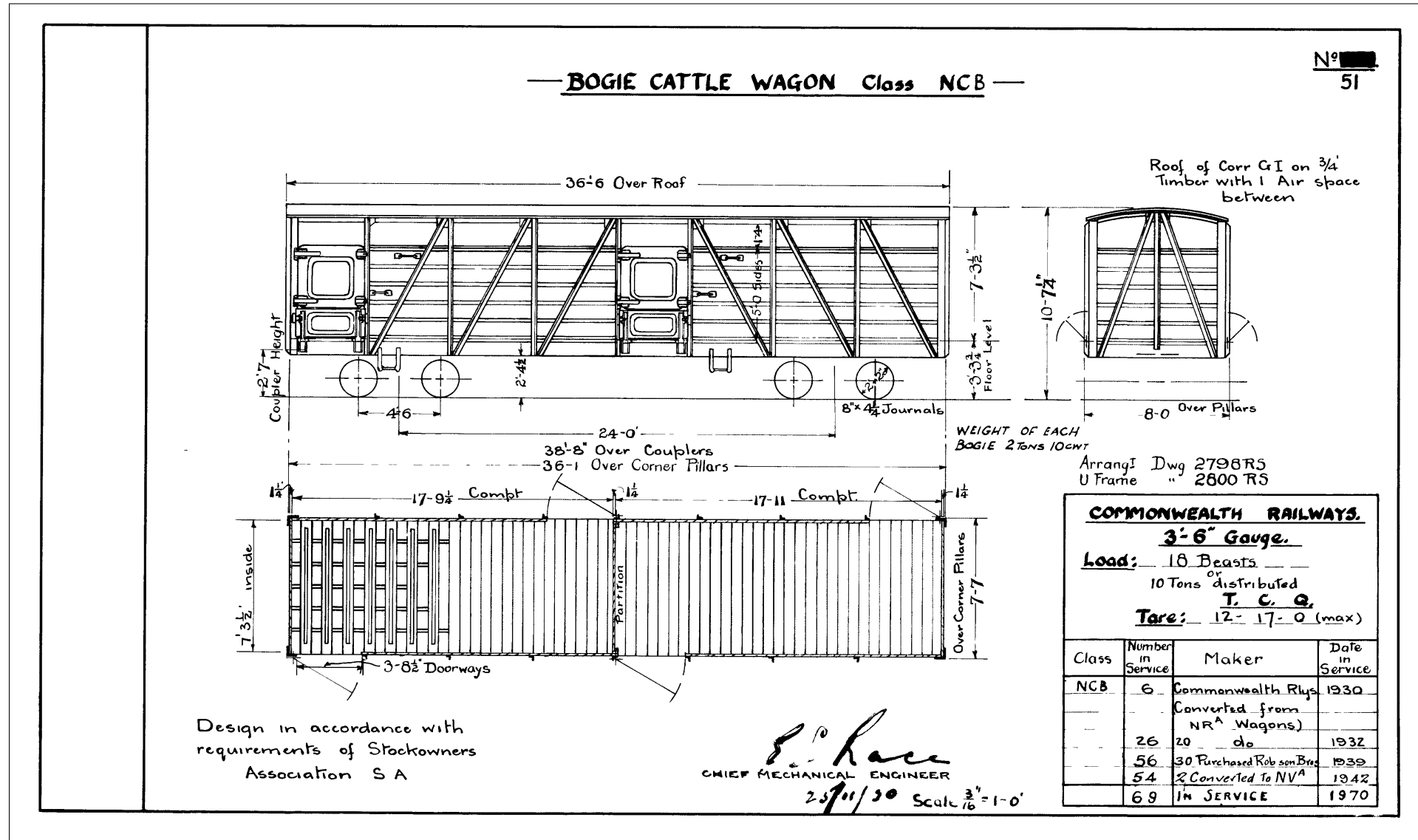
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GENERAL		SPECIFICATION	
Engine: Sulzer GLDA25C, 1400 HP @ 800 rpm		Fuel Oil Capy	900 galls (Orig 700 galls)
Main Generator: AET Type TG-55202W, 1710A		Lub Oil Capy	150 galls
		Water System Capy	32 galls
Aux Generator: 110V		Air Negat. Curve	3 chains
Traction Motor	172 s.h.p.	Radiator Fan	55" dia. Hydrostatic drive
Gear Ratio: 19/82		Pressurising Fans	40" & 21" dia. Hydrostatic drive
Traction Effort: Maximum 47,500 lb		Air Compressor	Gardner-Denver Type WXE 9057
	Continuous 40,000 lb	Westinghouse BTEL Brake Equip.	
Max Service Speed	50 mph		

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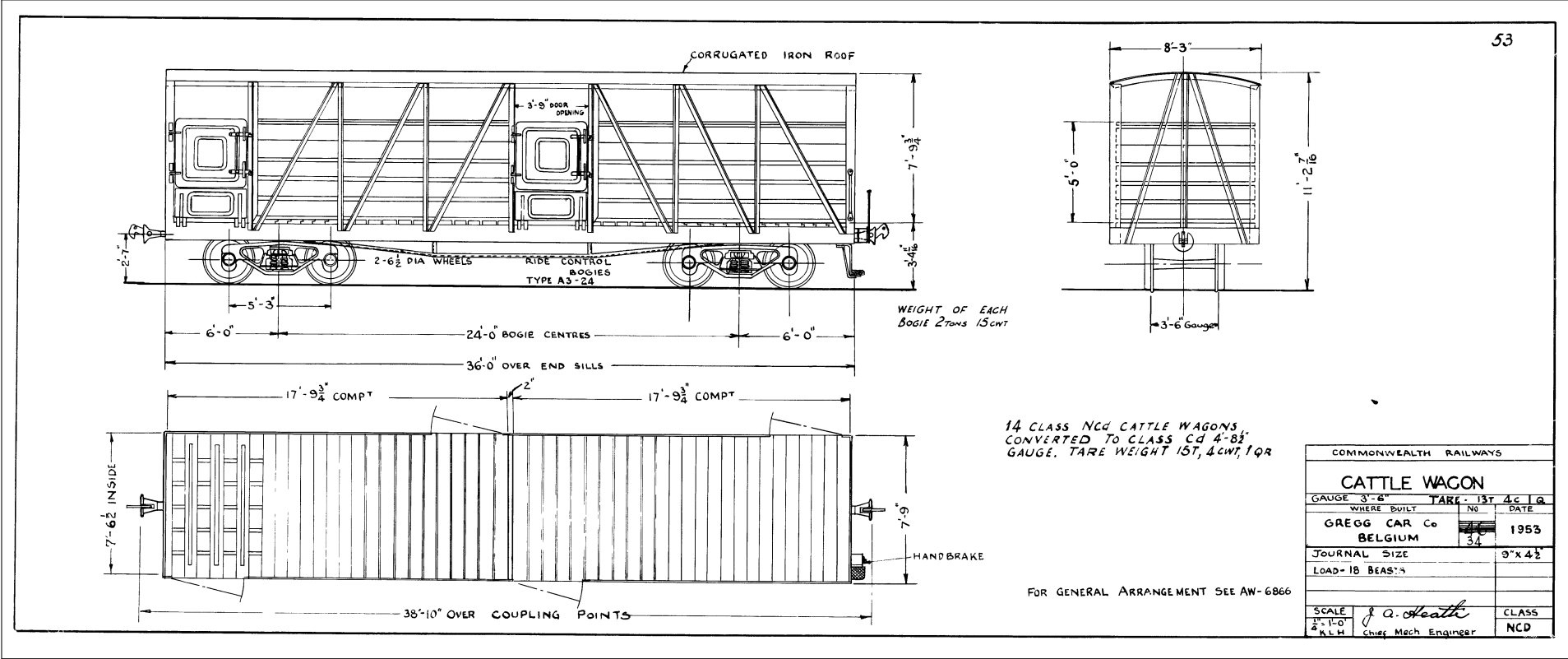
GENERAL	SPECIFICATION
Engine: Sulzer GLDA28C, 1400 HP @ 800 rpm	Fuel Oil Capy 900 galls (Orig 700 galls)
Main Generator: AEI Type TG-53202W, 1710A, 528V or 1200A, 750V @ 800 rpm	Lub Oil Capy 150 galls
Aux Generator: AEI Type AG51BY, 21KW, 110V	Water System Capy 32 galls
Traction Motors: GN [®] AEI Type 258AZ, 172 shp	Air Netwt Curve 3 chains
Gear Ratio: 13/92	Radiator Fan 55" dia Hydrostatic drive
Traction Effort Maximum 47,500 lb	Pressurising Fans 40" & 21" dia, Hydrostatic drive
Continuous 40,000 lb @	Air Compressor: Gardner-Denver Type WXE 9057
Max Service Speed 50 mph	Westinghouse BTEL Brake Equip.

9.1 NCB Bogie Cattle Wagon



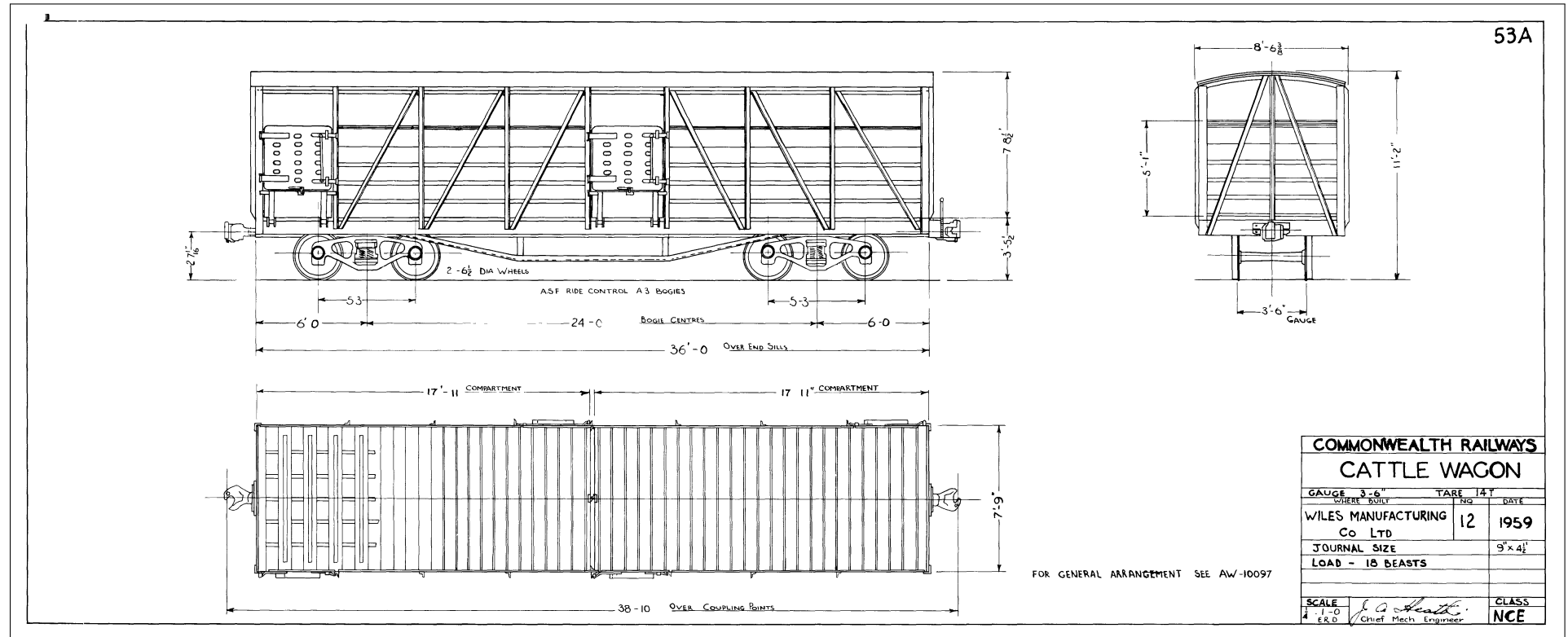
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9.2 NCD Bogie Cattle Wagon



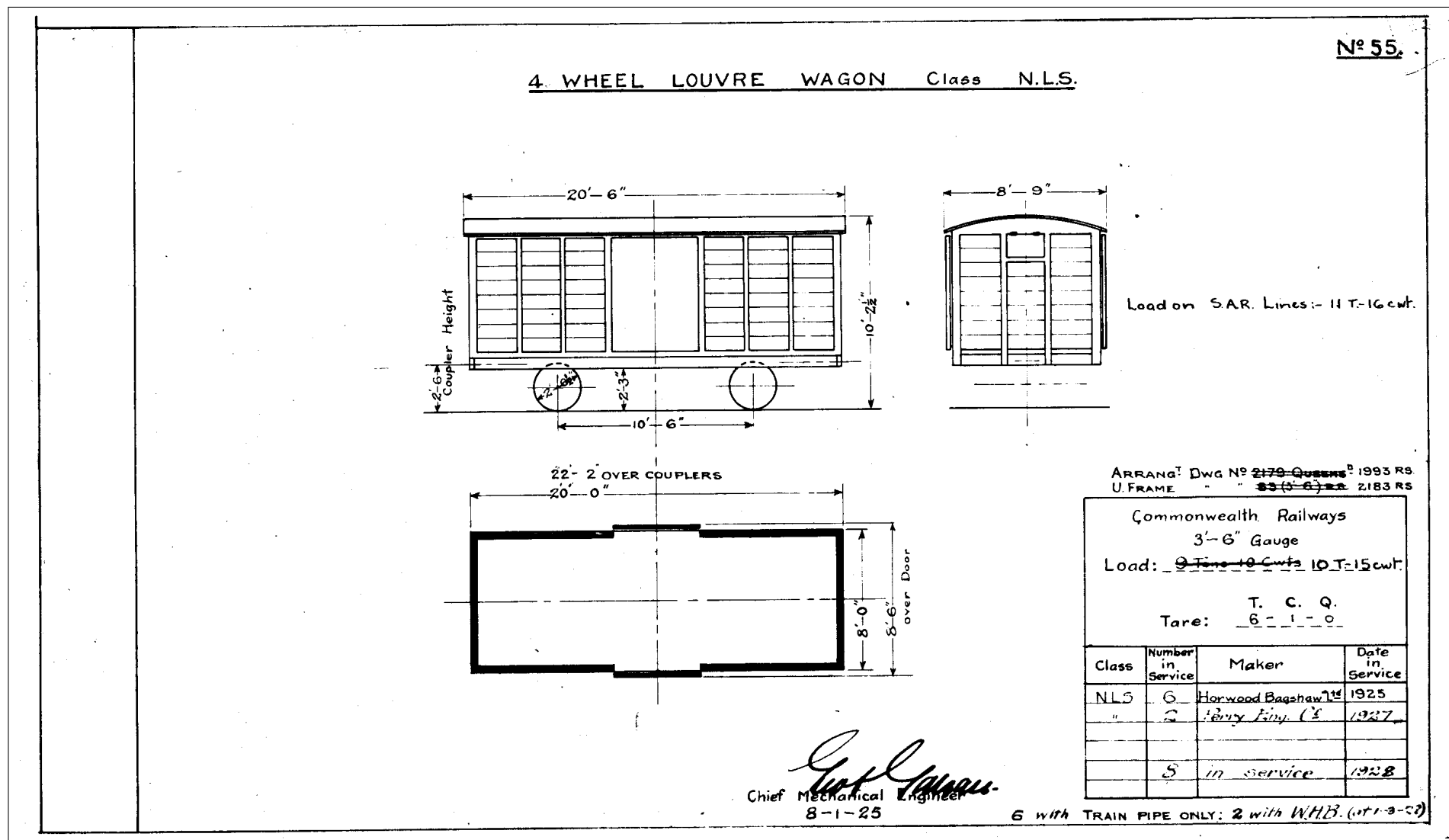
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9.3 NCE Bogie Cattle Wagon



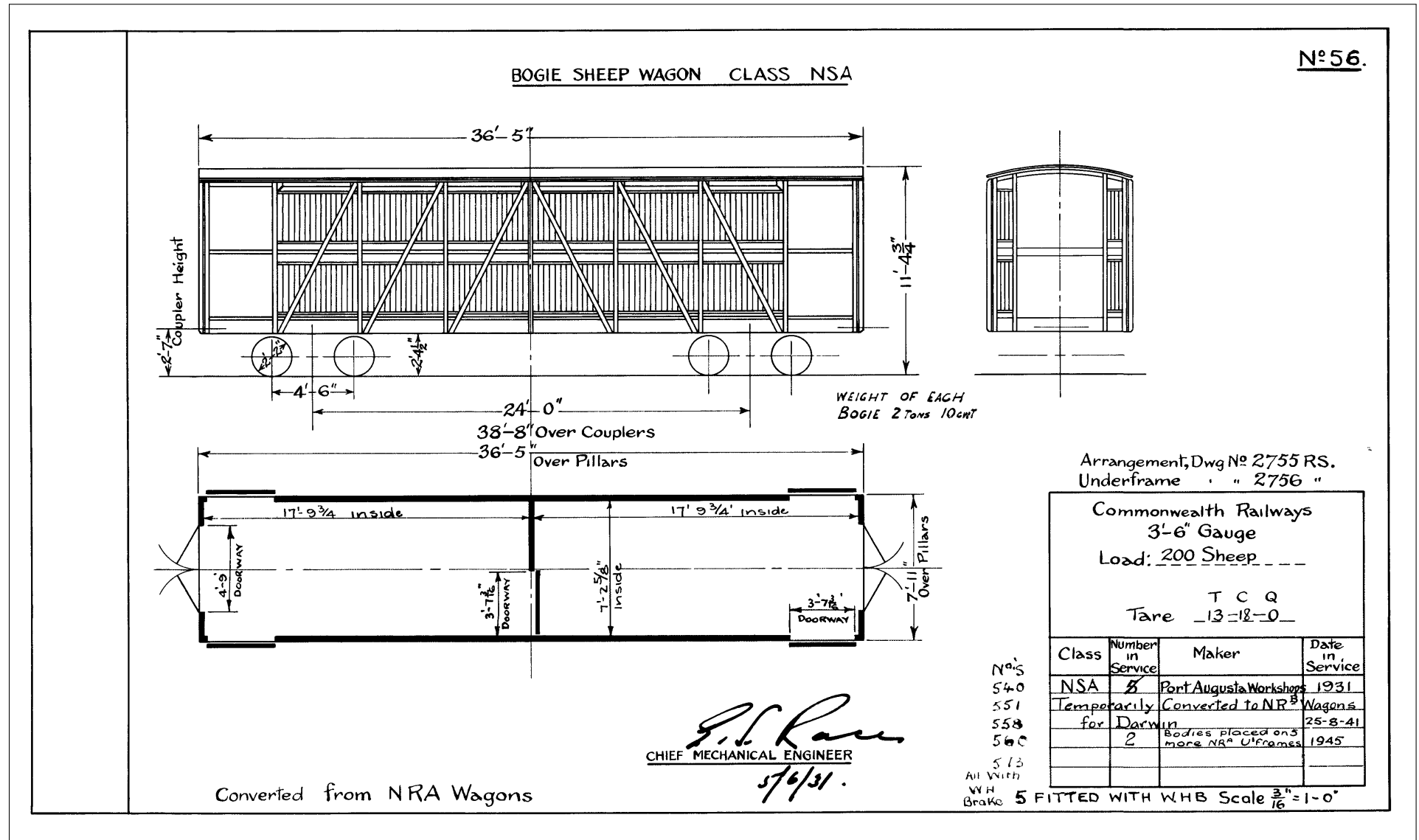
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9.4 NLS 4 Wheel Louvre Van



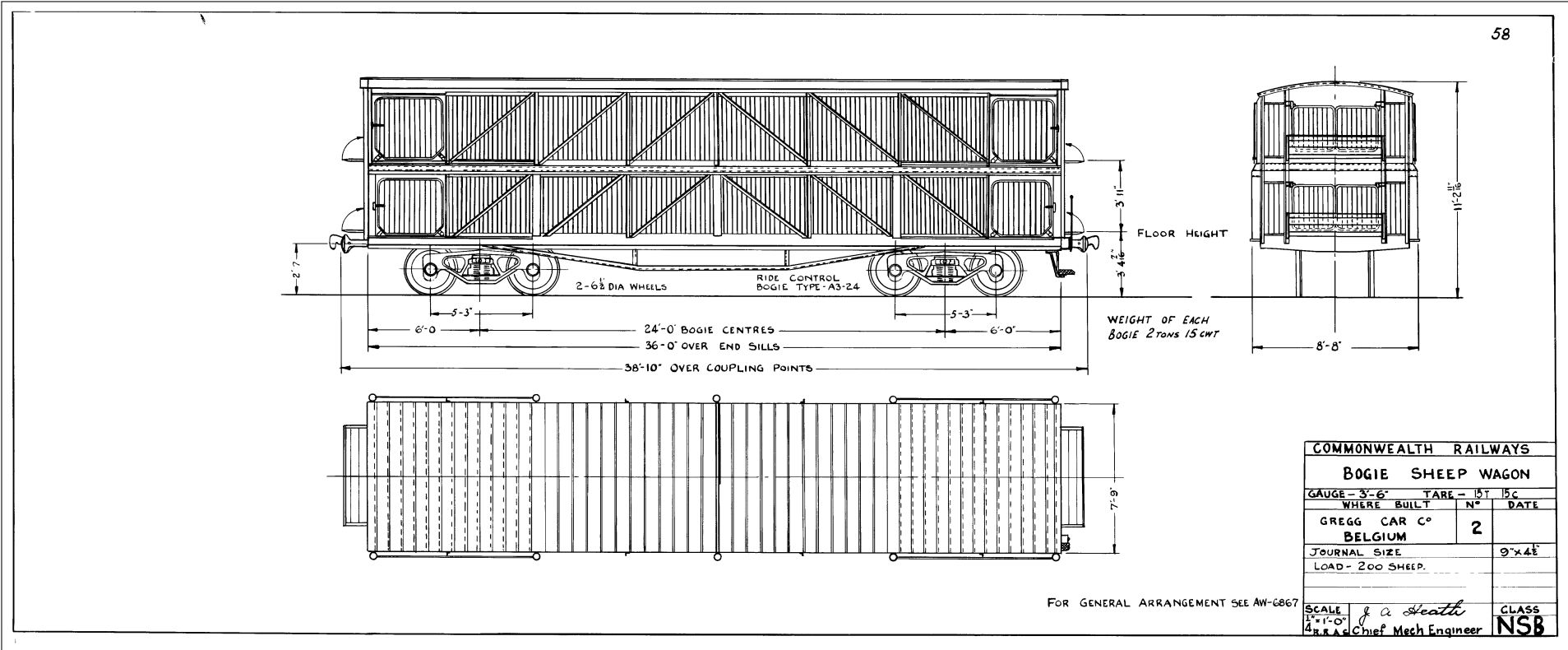
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9.5 NSA Bogie Sheep Wagon



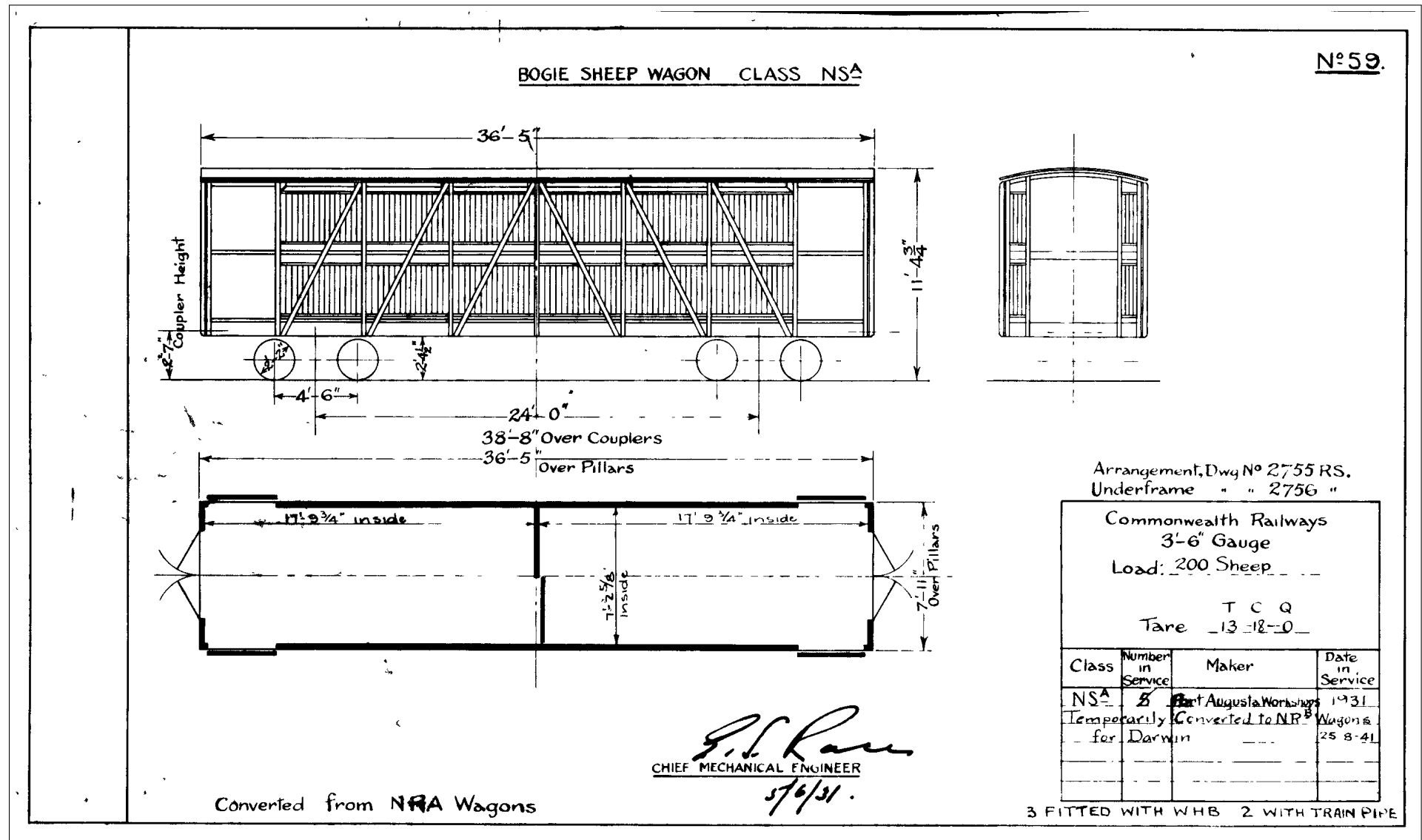
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9.6 NSB Bogie Sheep Wagon



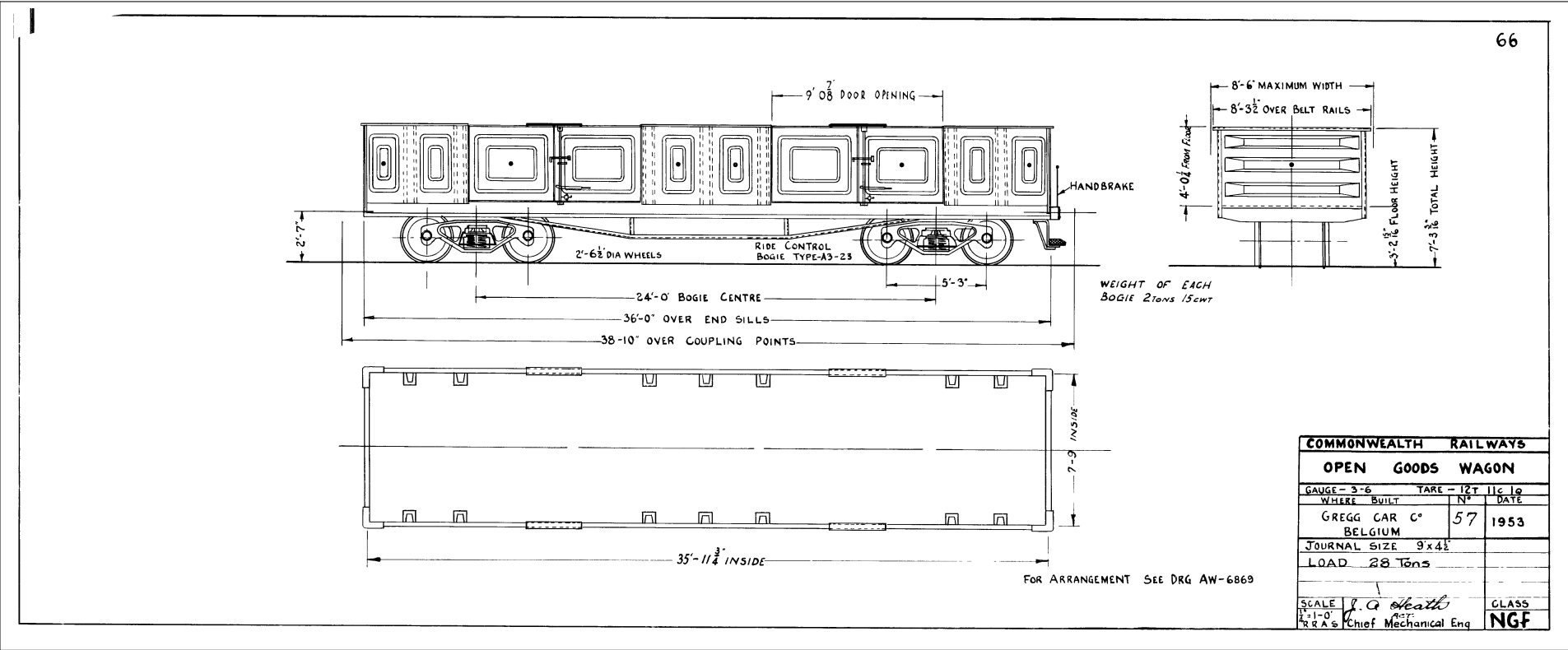
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9.7 NSA Bogie Sheep Wagon



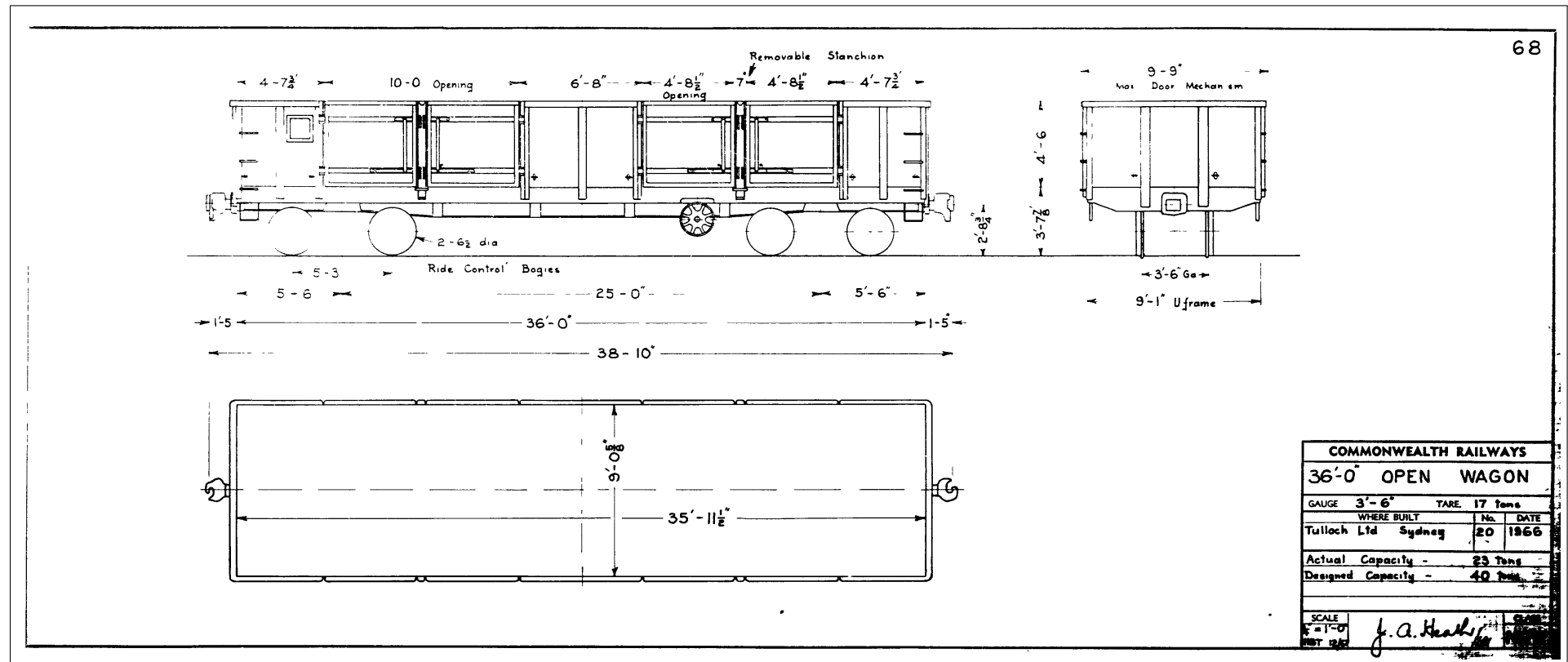
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9.8 NGF Open Goods Wagon



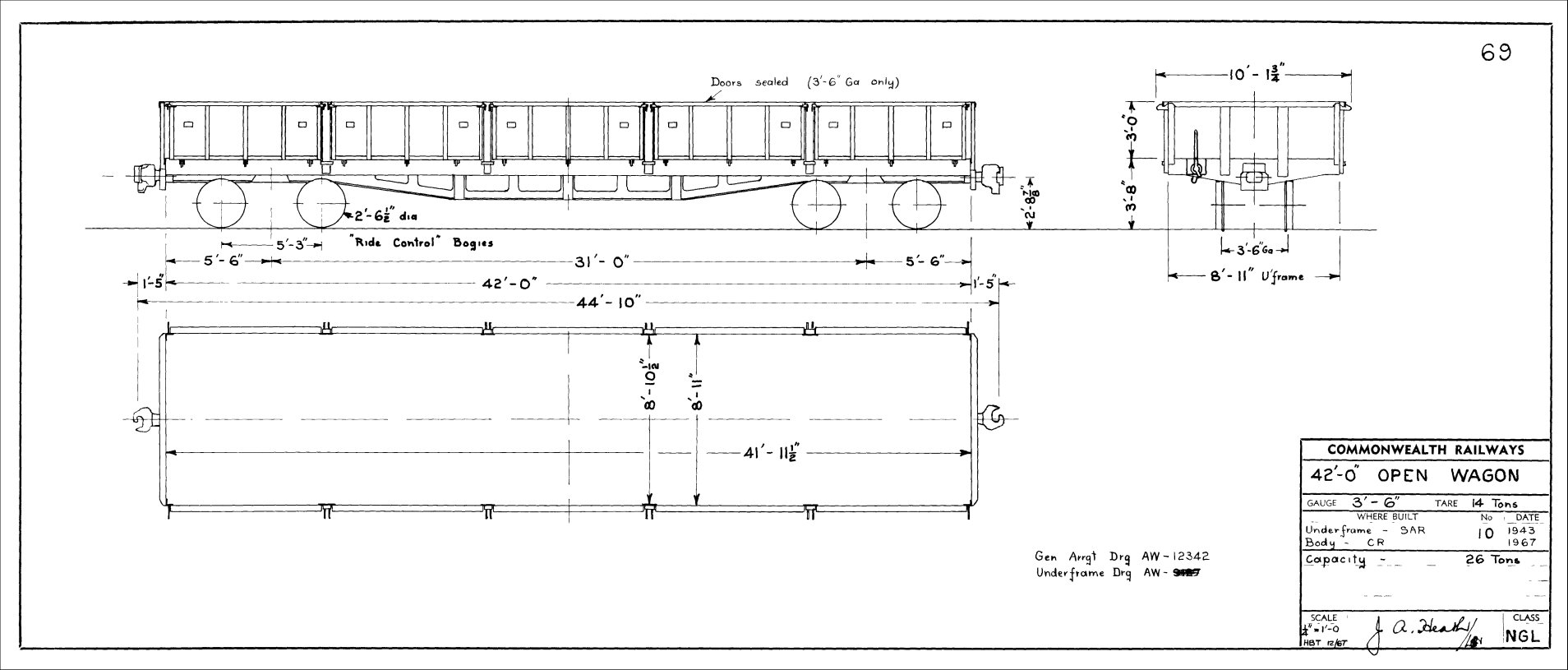
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9.9 NGH Open Wagon 36ft



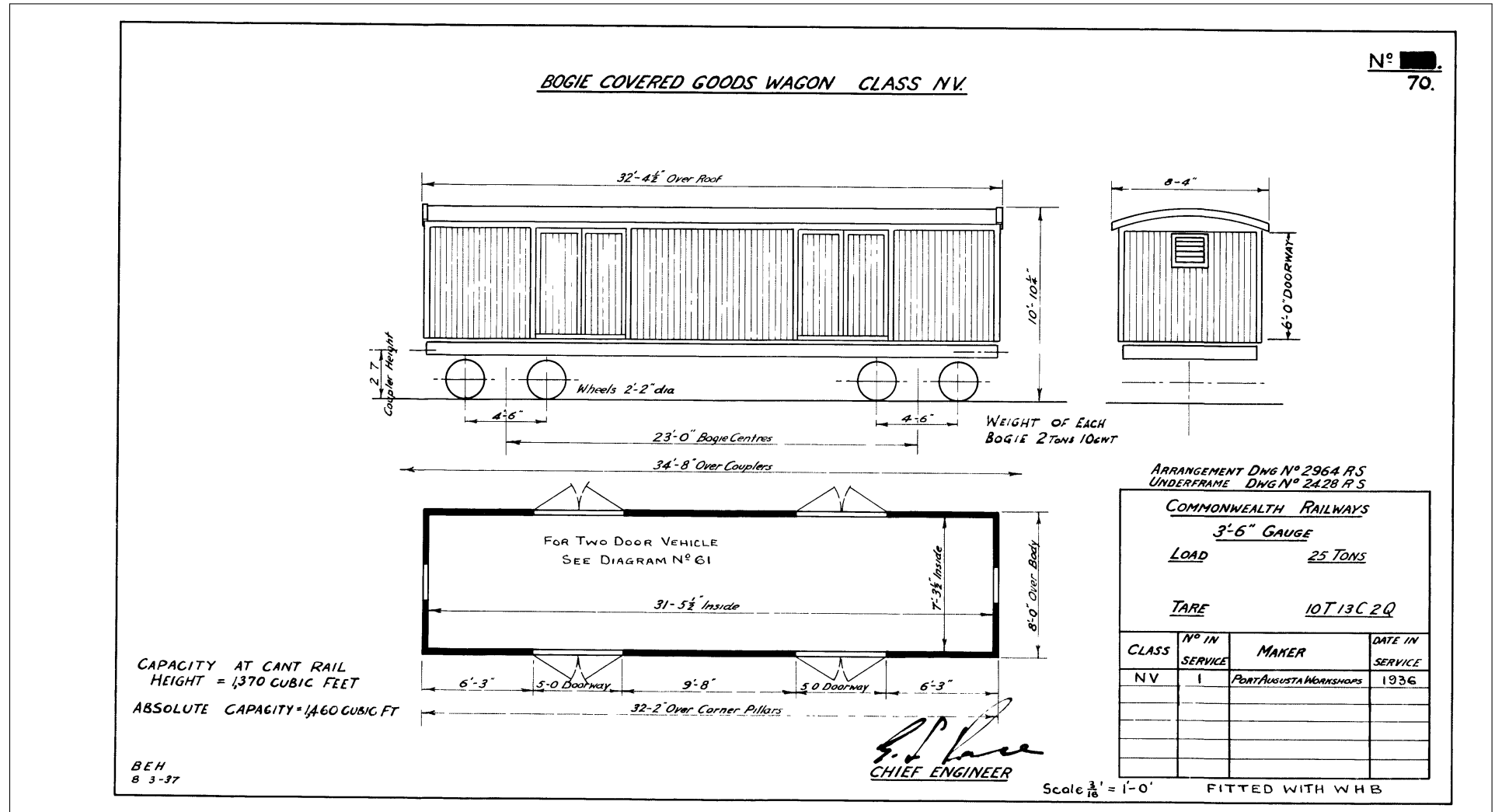
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9.10 NGL Open Wagon 42ft



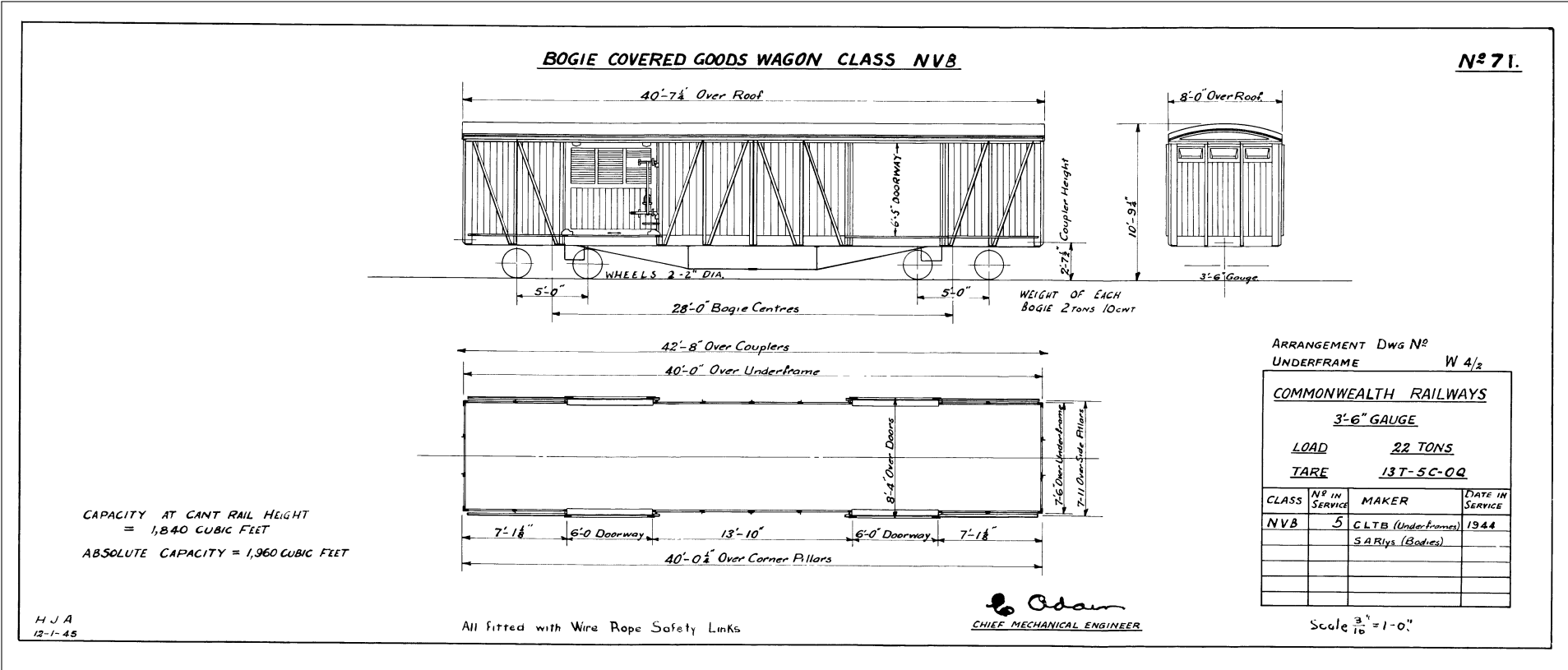
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9.11 NV Bogie Covered Goods Wagon



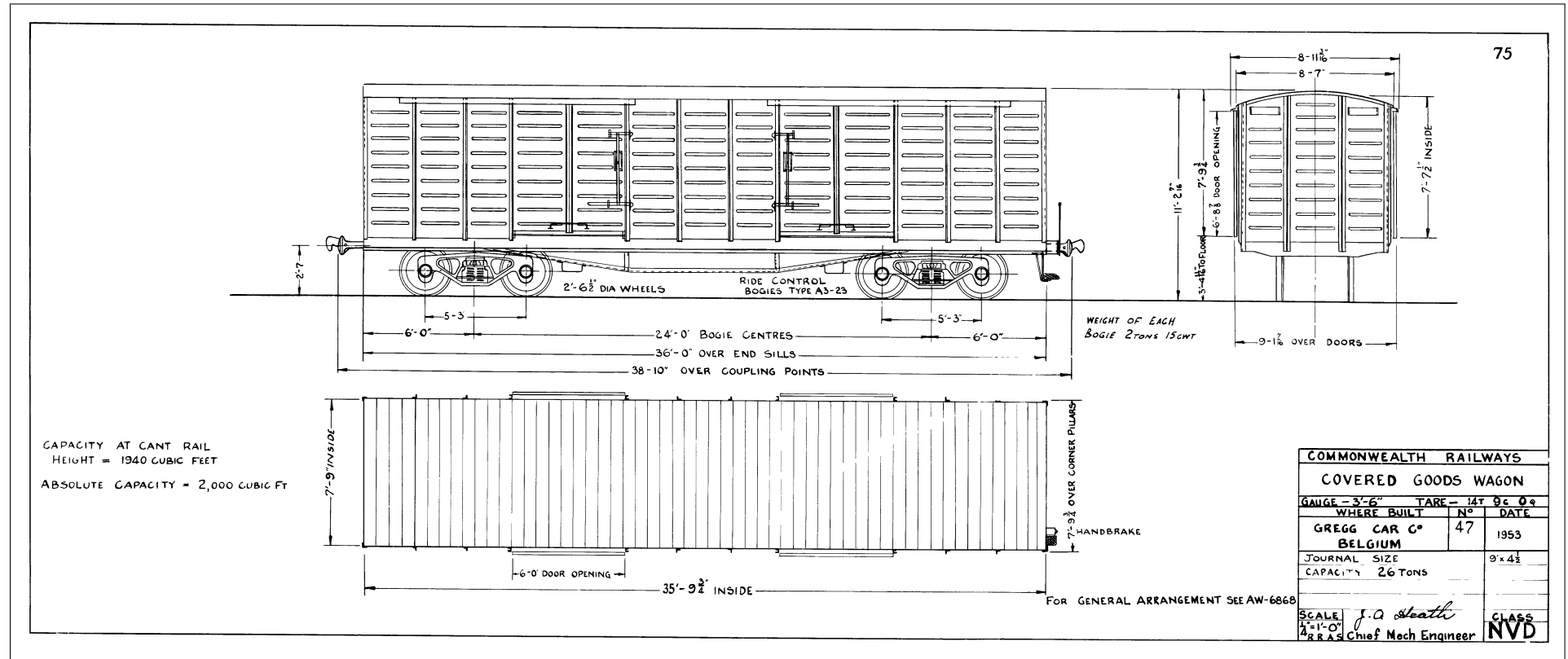
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9.12 NVB Bogie Covered Goods Wagon



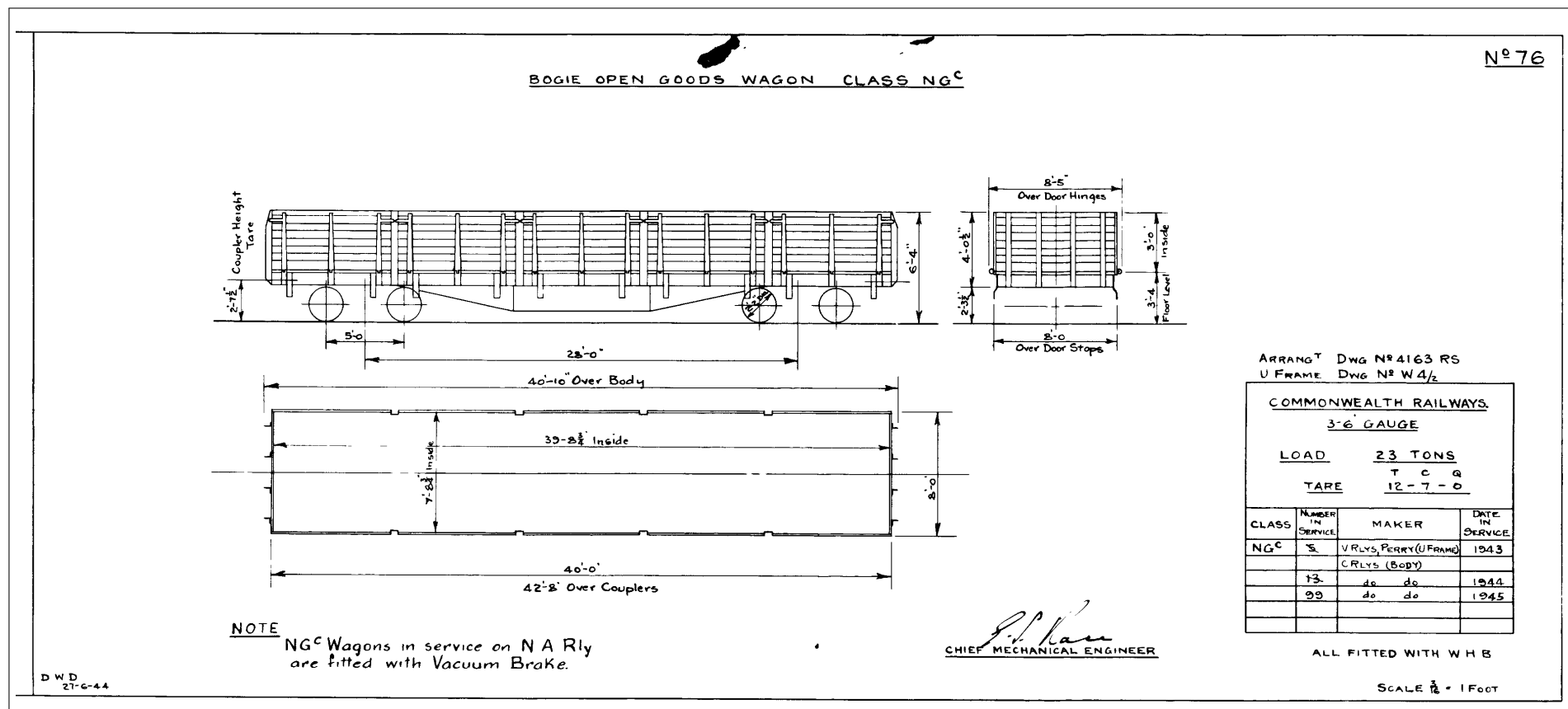
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9.13 NVD Covered Goods Wagon



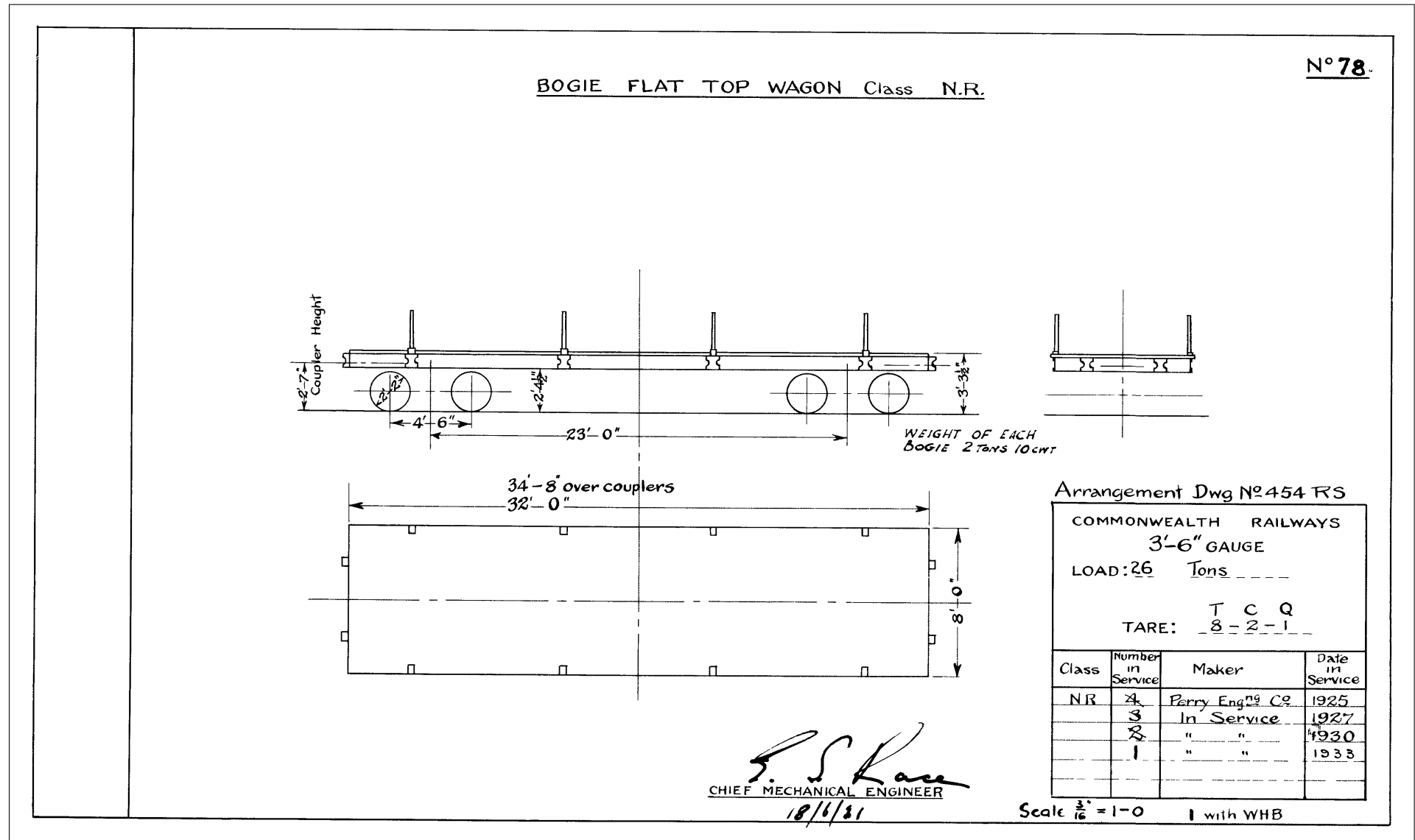
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9.14 NGC Bogie Goods Open Wagon



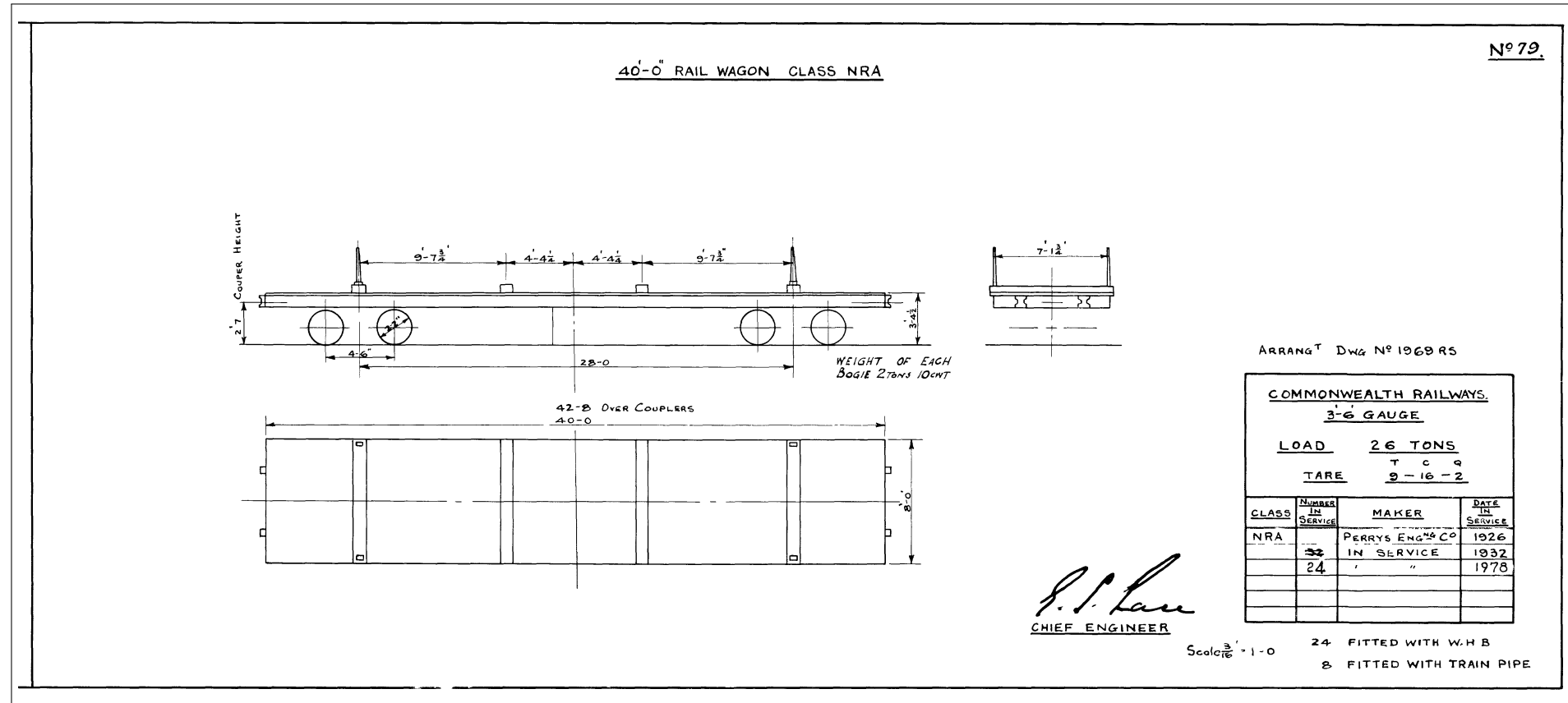
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9.15 NR Bogie Flat Top Wagon



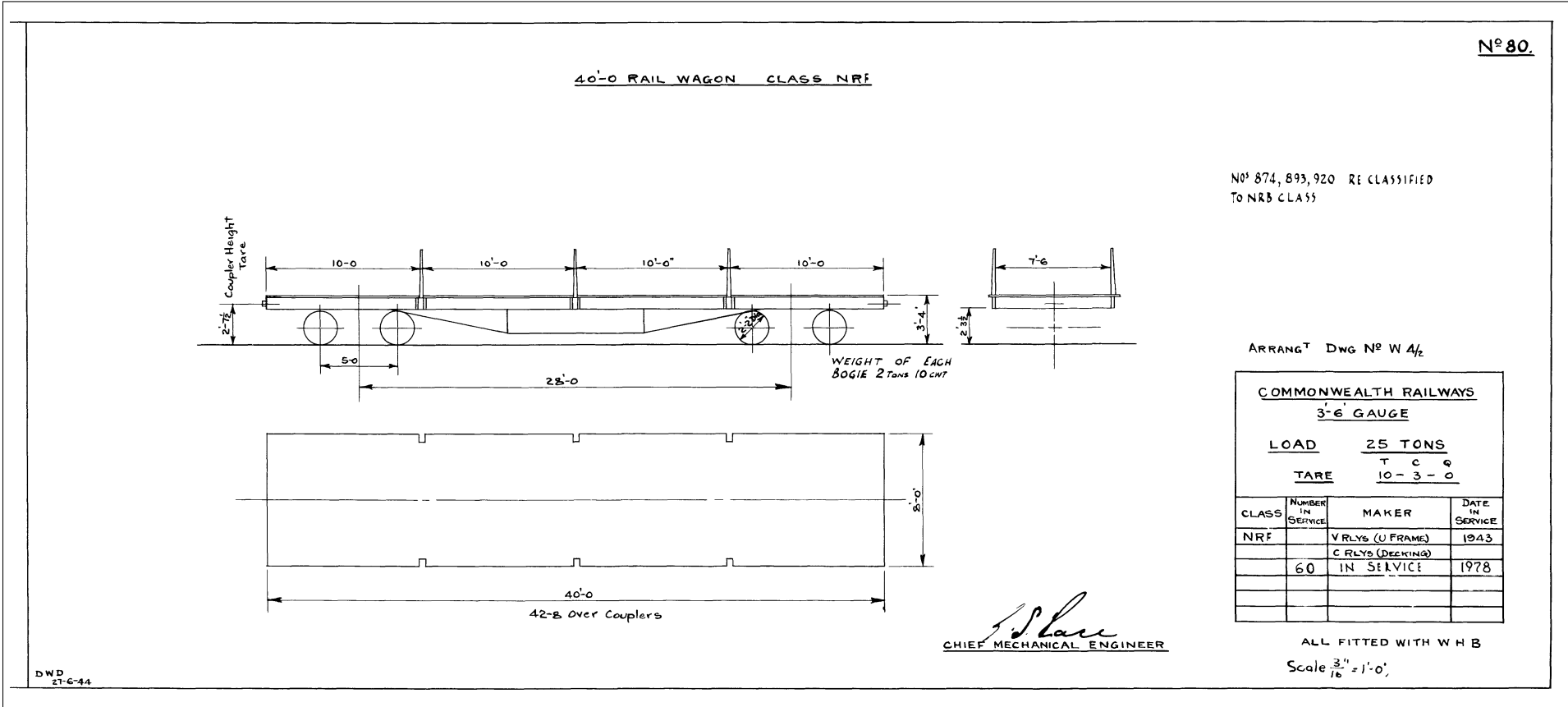
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9.16 NRA Bogie Rail Wagon

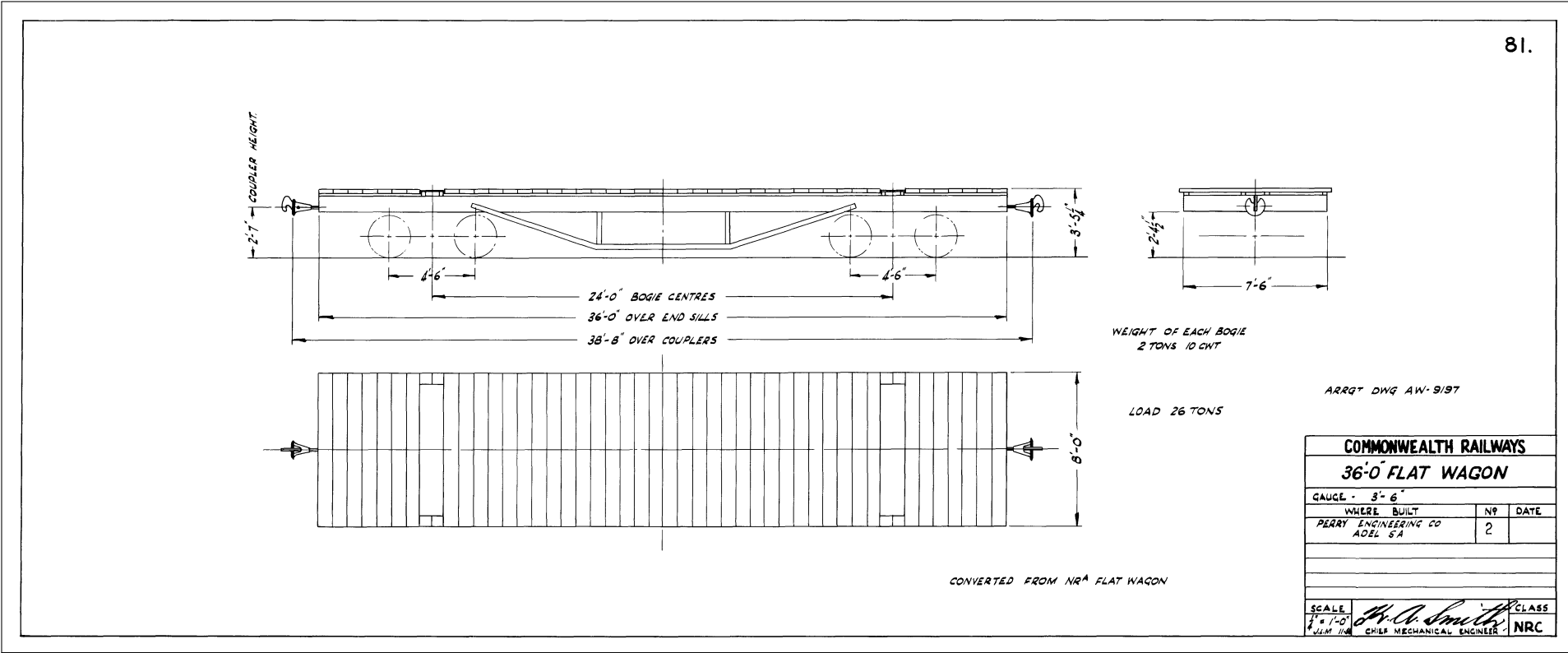


PlanId: nn079

9.17 NRF Bogie Rail Wagon

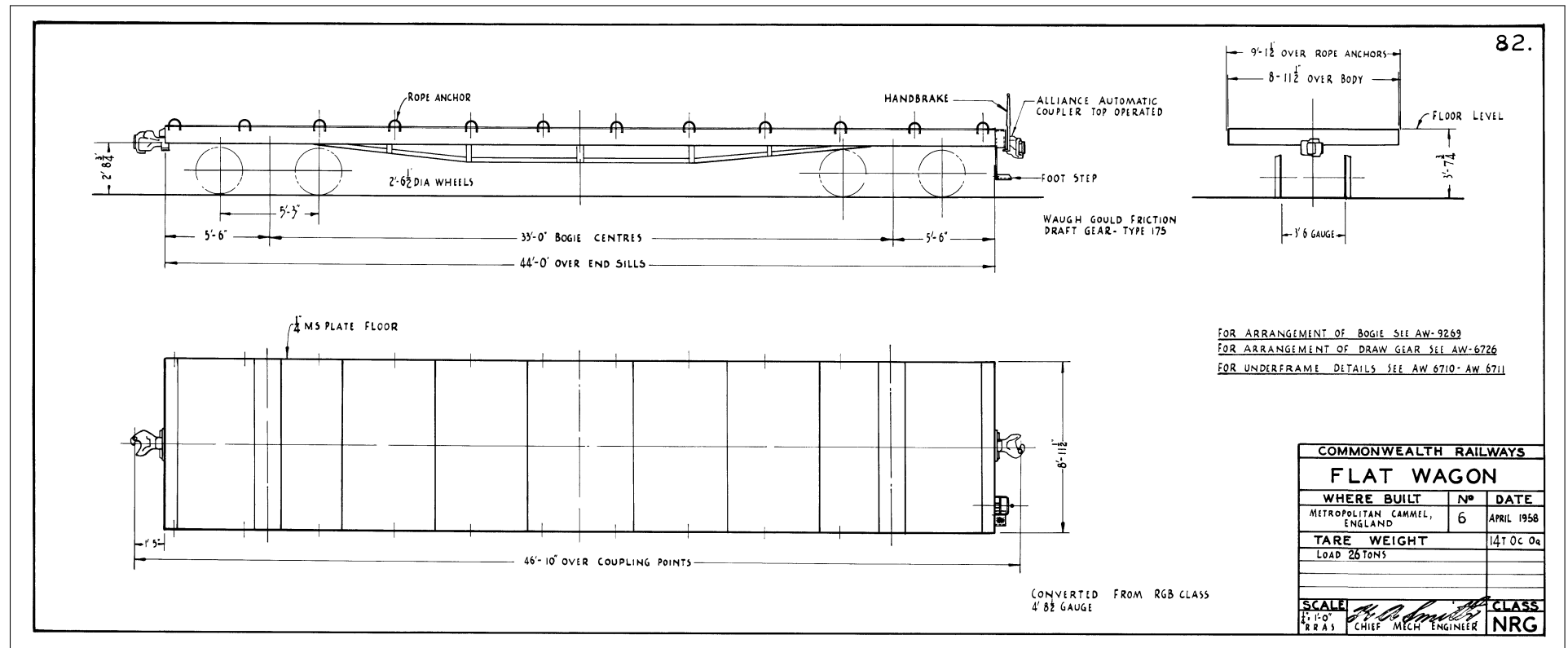


9.18 NRC Bogie Flat Wagon 36ft



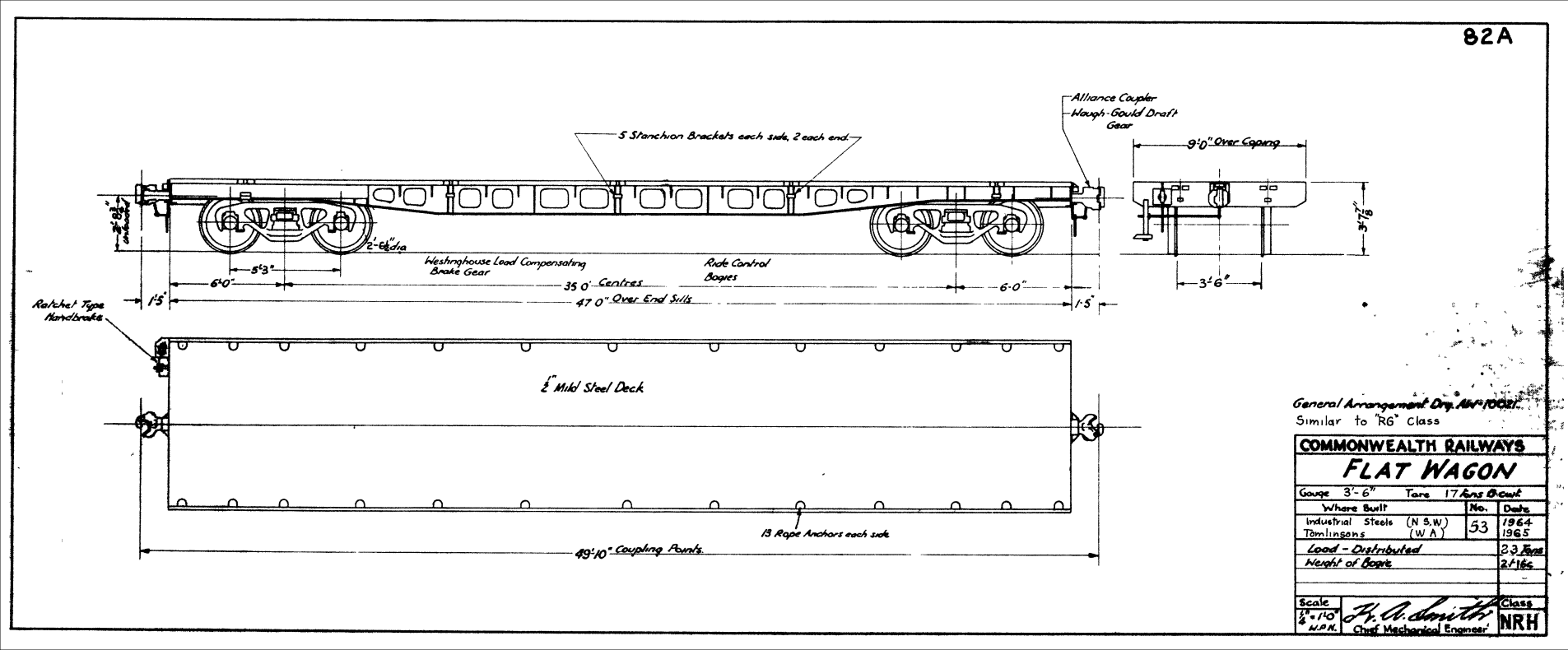
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9.19 NRG Flat Wagon



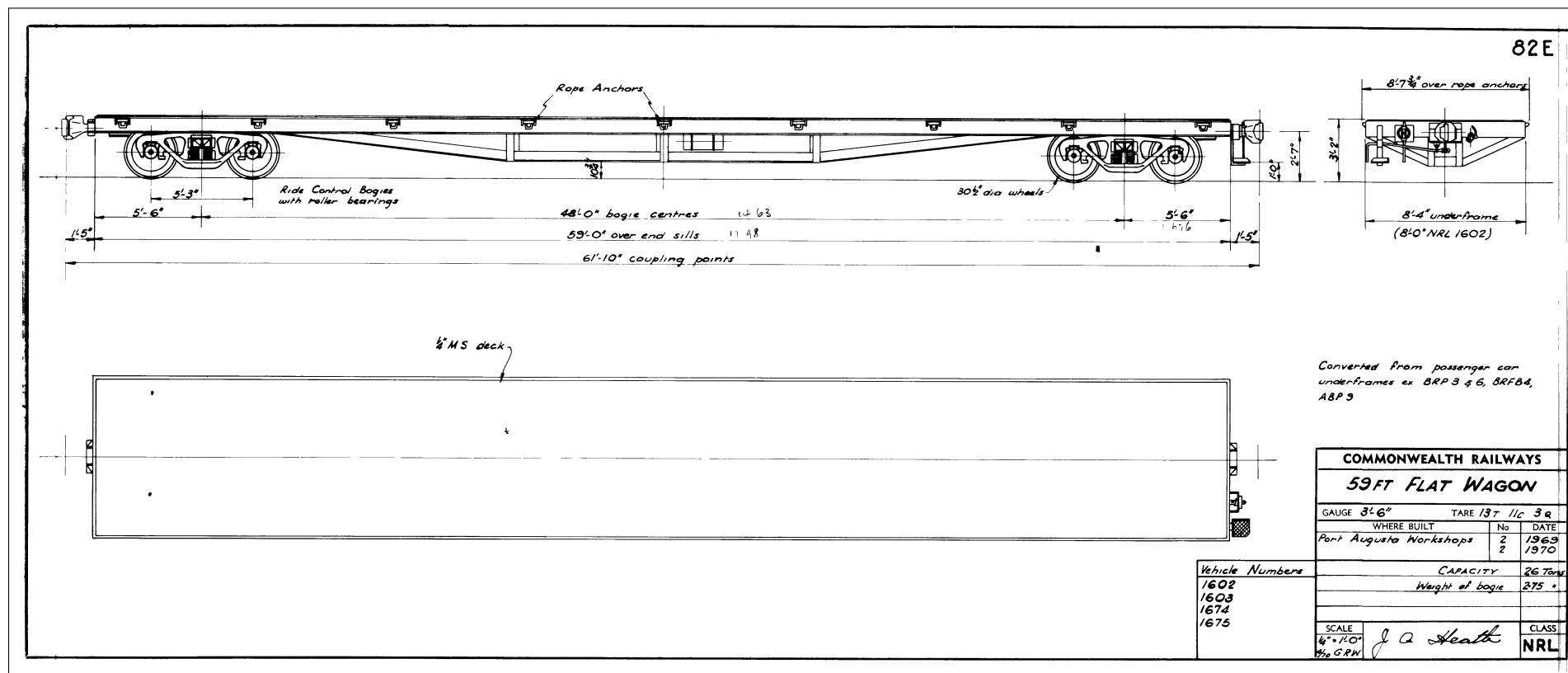
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9.20 NRH Flat Wagon



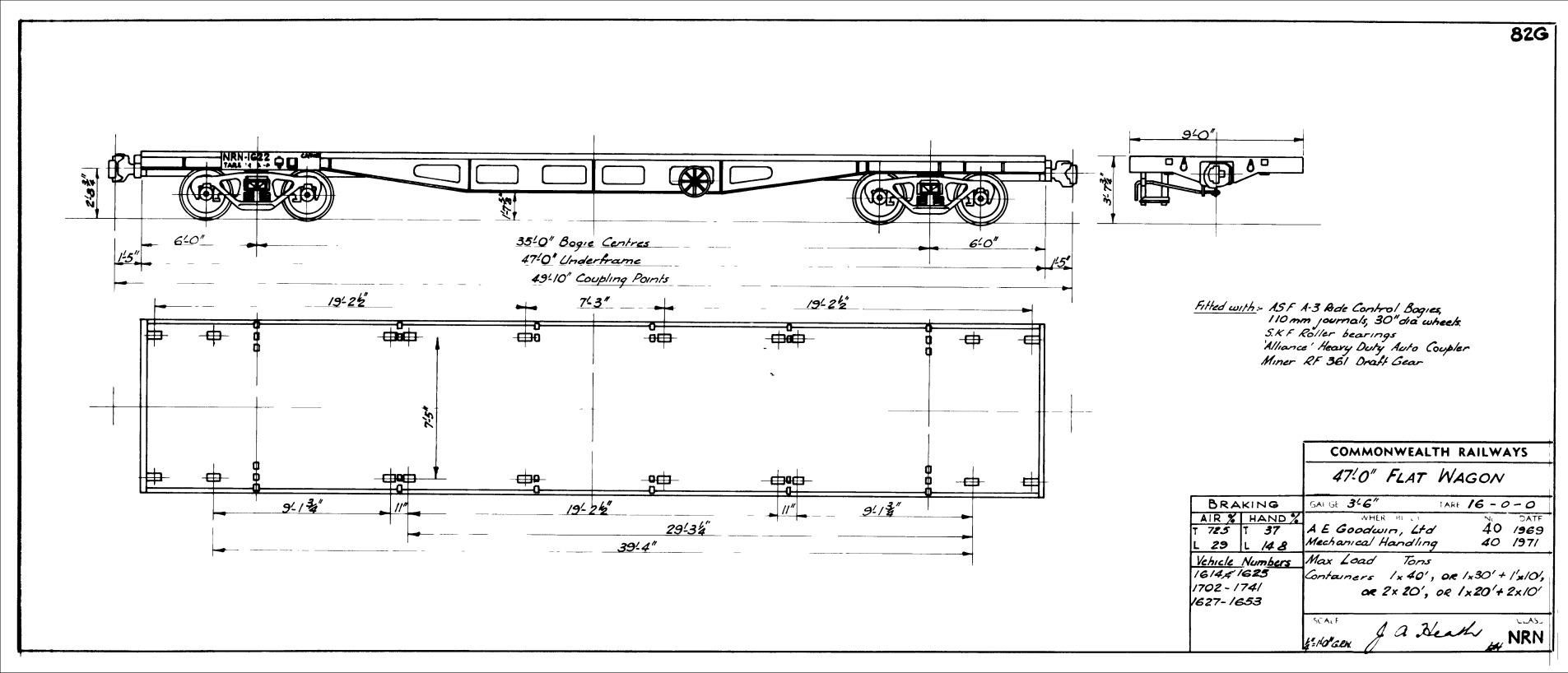
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9.21 NRL Flat Wagon 59ft

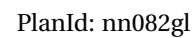


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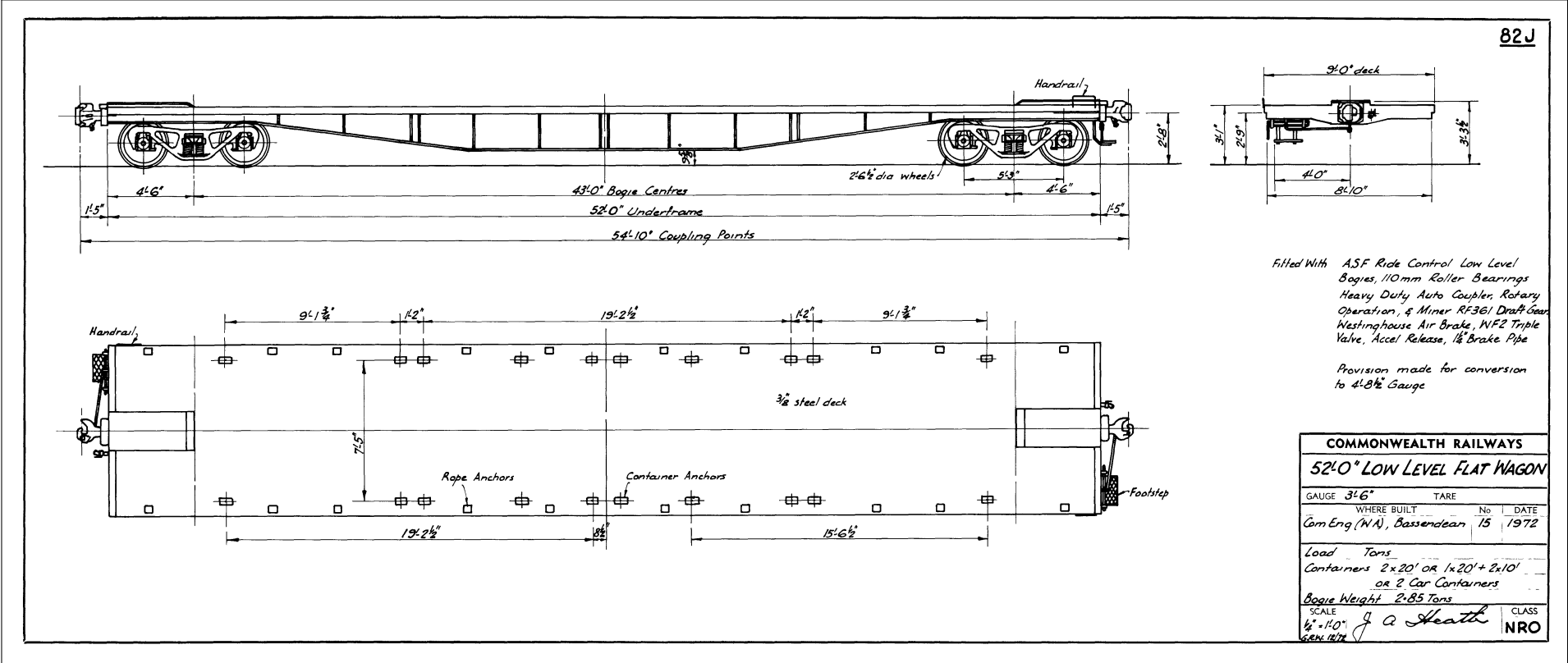
9.22 NRN Flat Wagon 47ft



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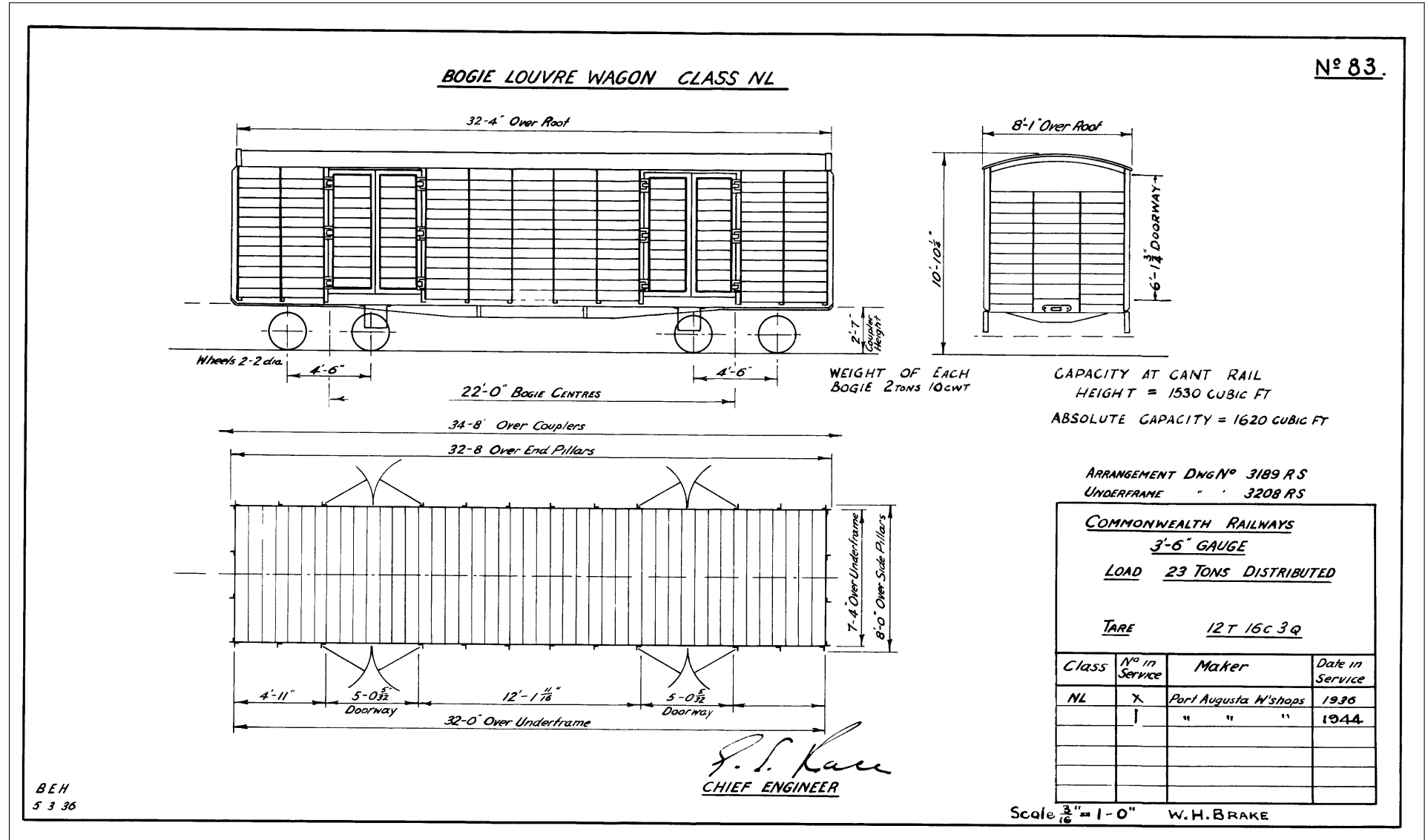


9.24 NRO Low Level Flat Wagon 52ft



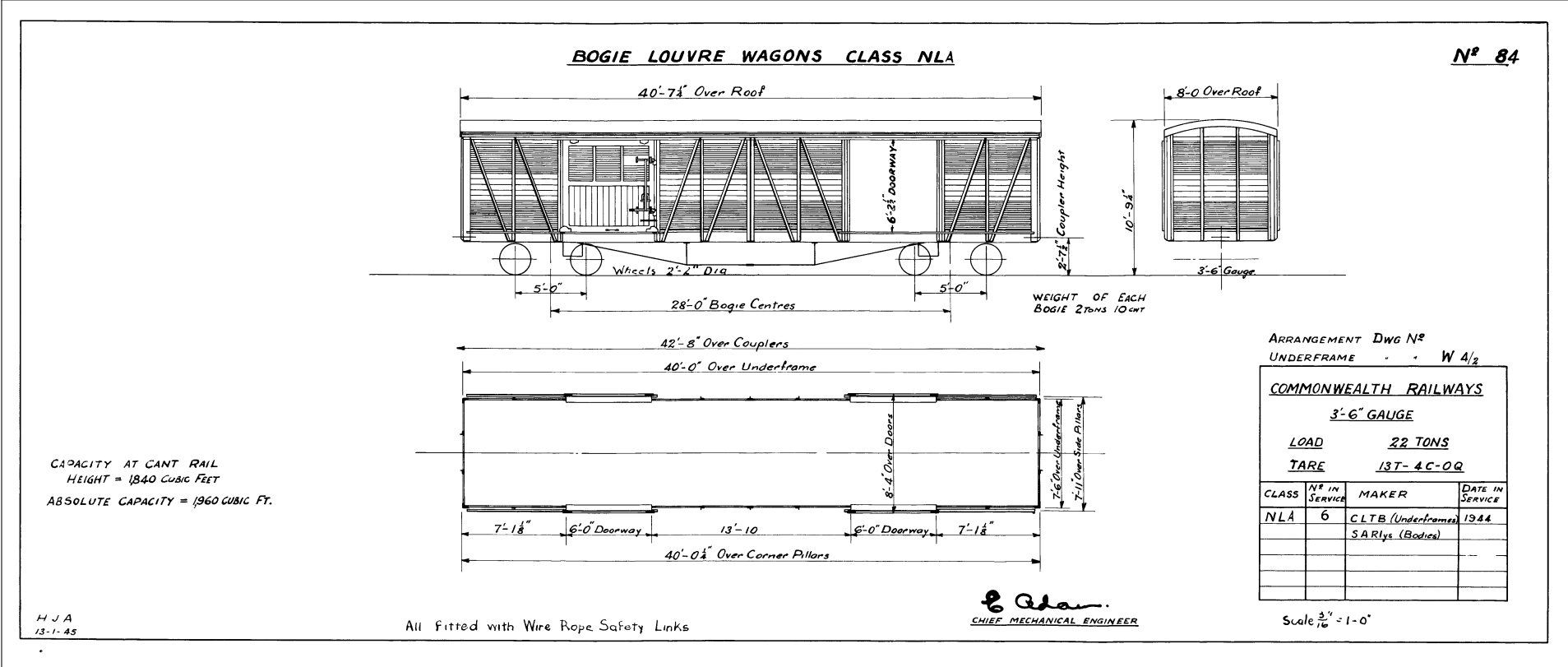
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9.25 NL Bogie Louvre Wagon



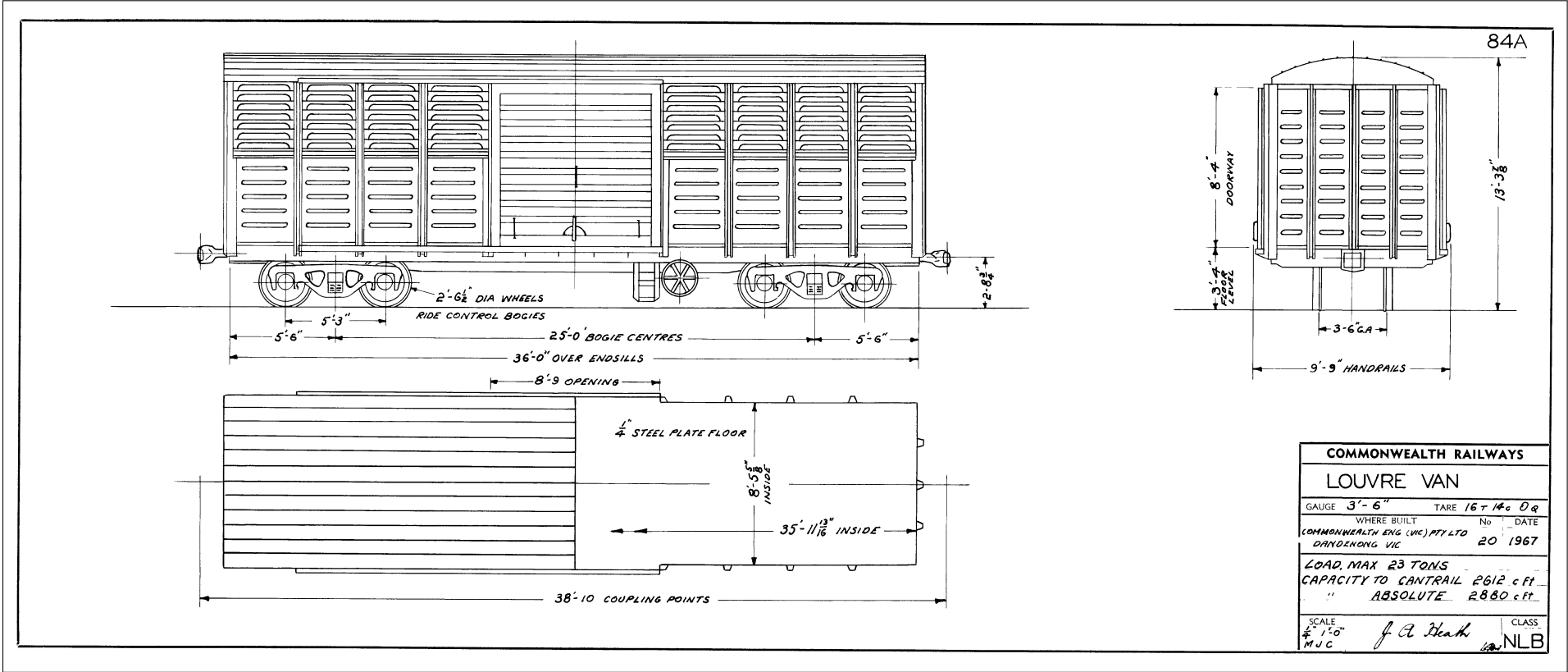
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9.26 NLA Bogie Louvre Wagon



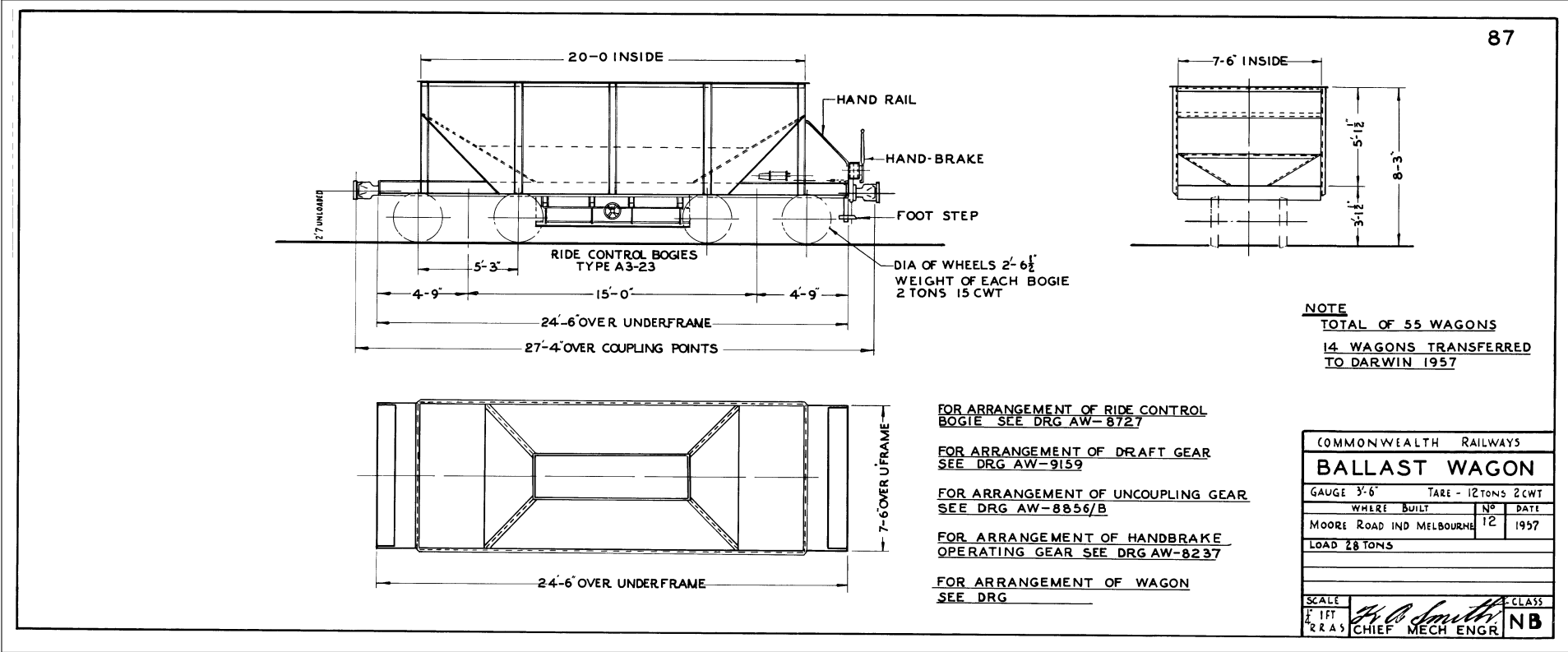
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9.27 NLB Louvre Van



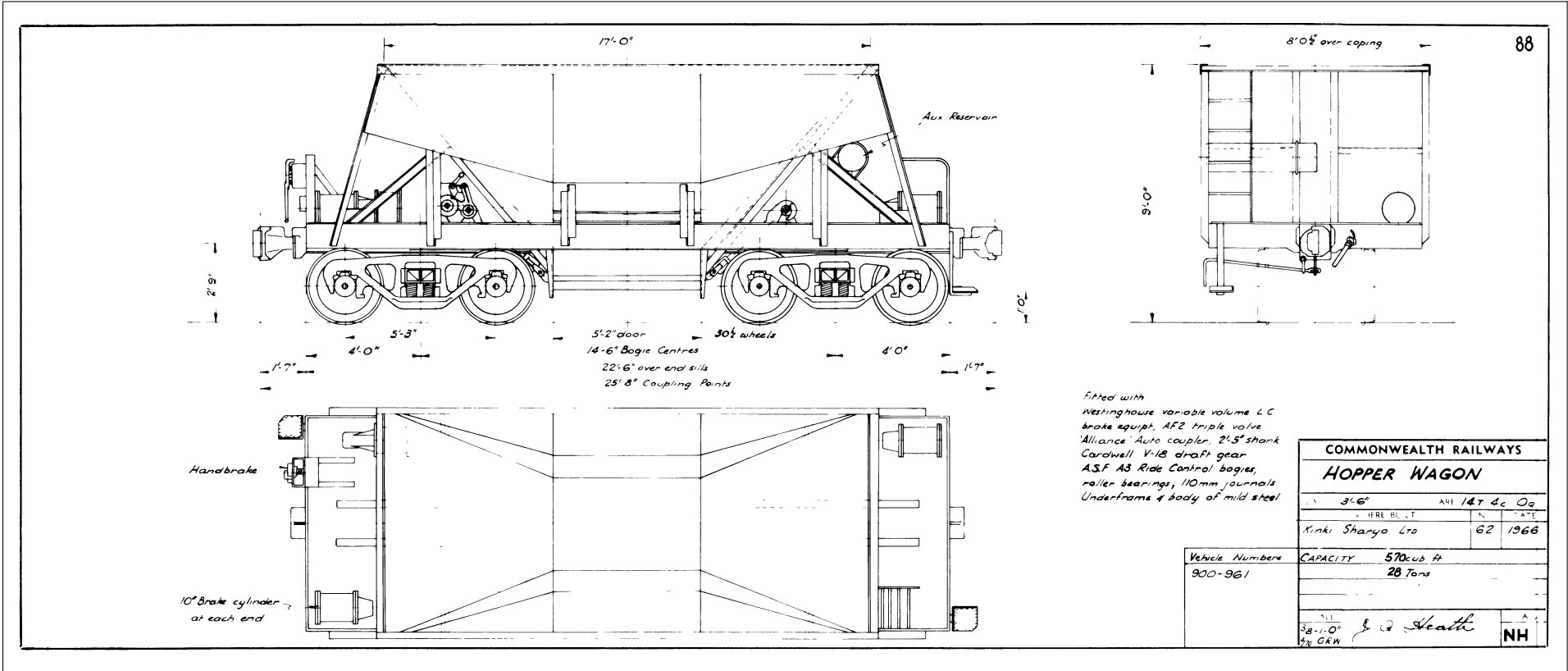
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9.28 NB Ballast Wagon



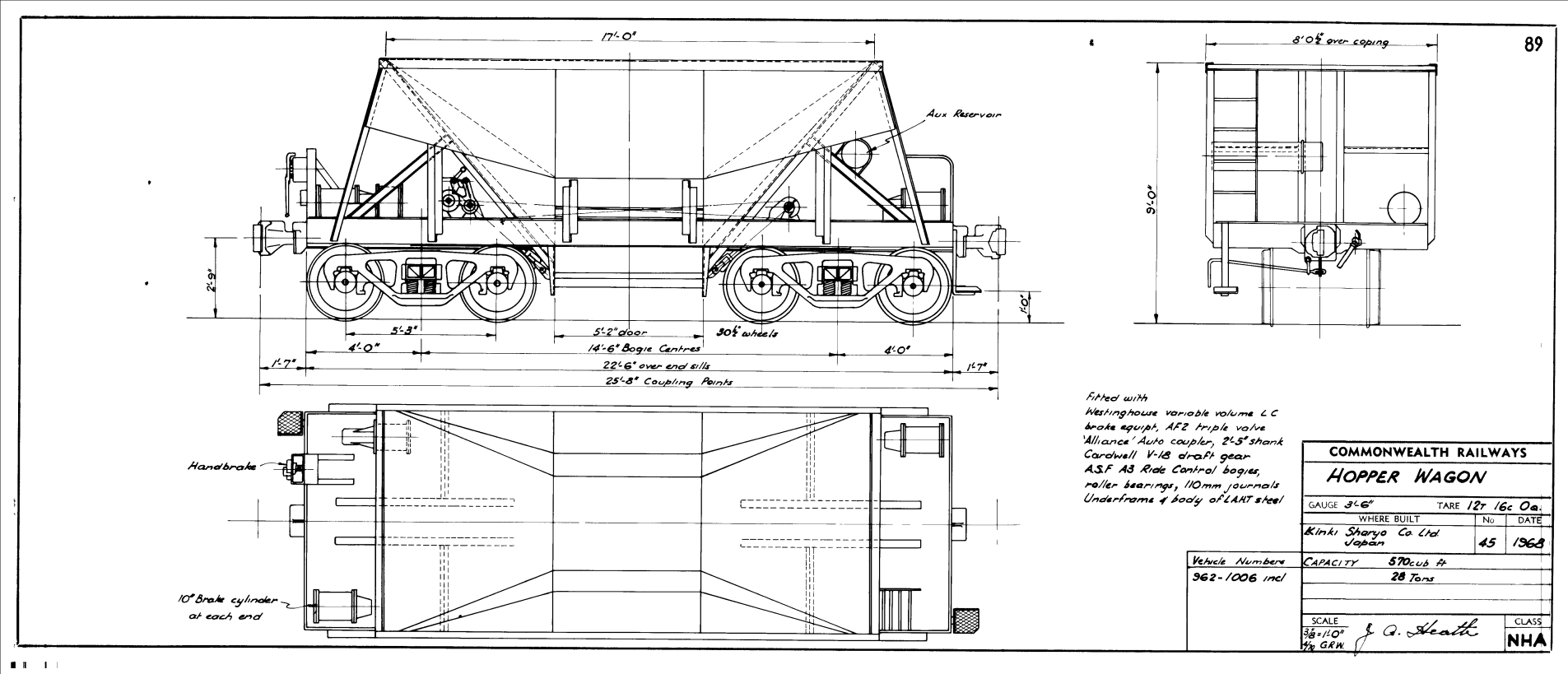
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9.29 NH Hopper Wagon



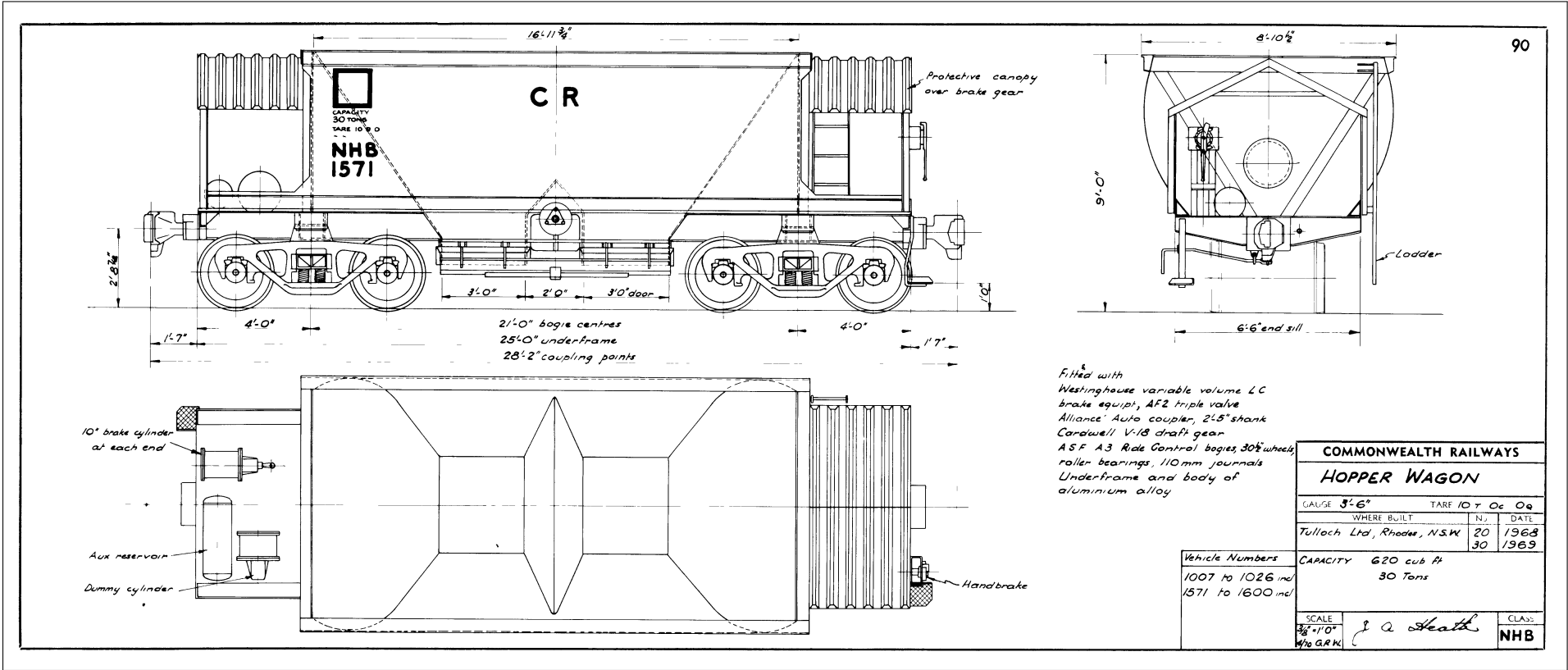
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9.30 NHA Hopper Wagon



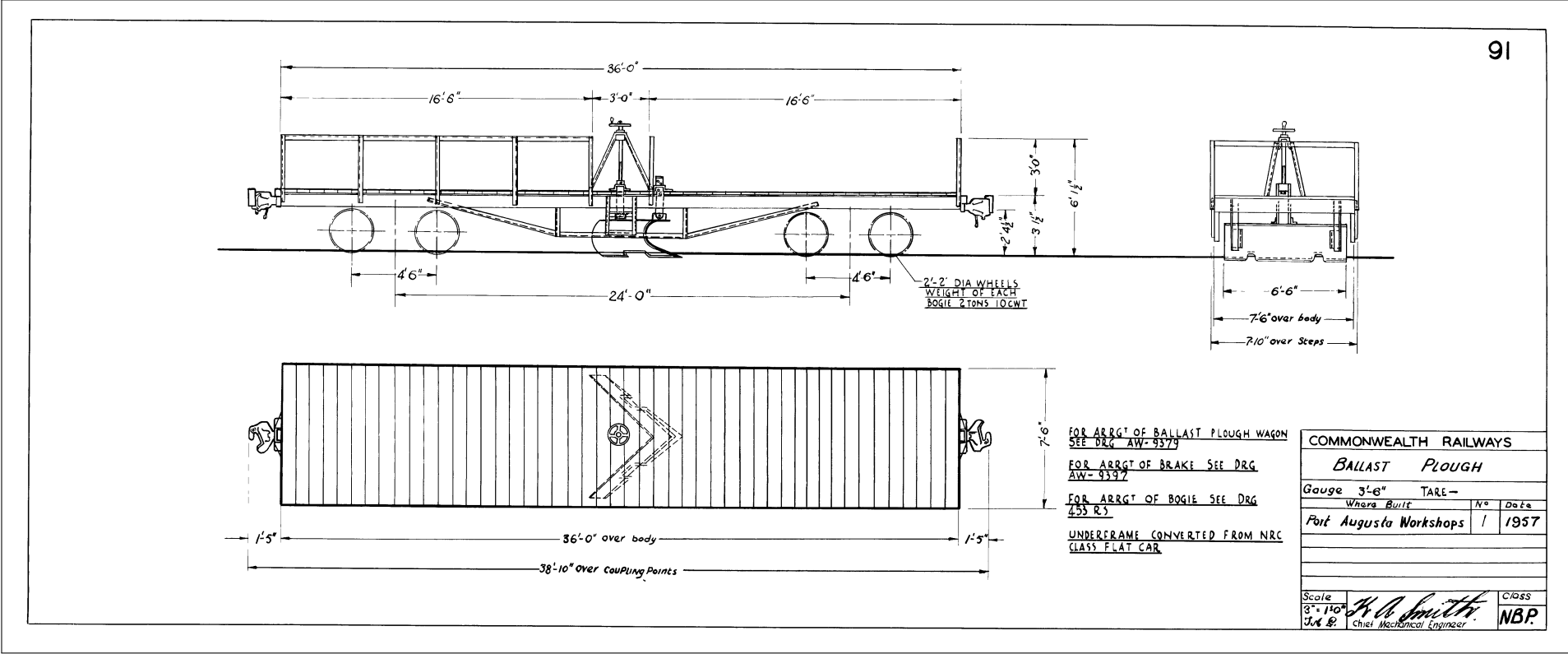
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9.31 NHB Hopper Wagon



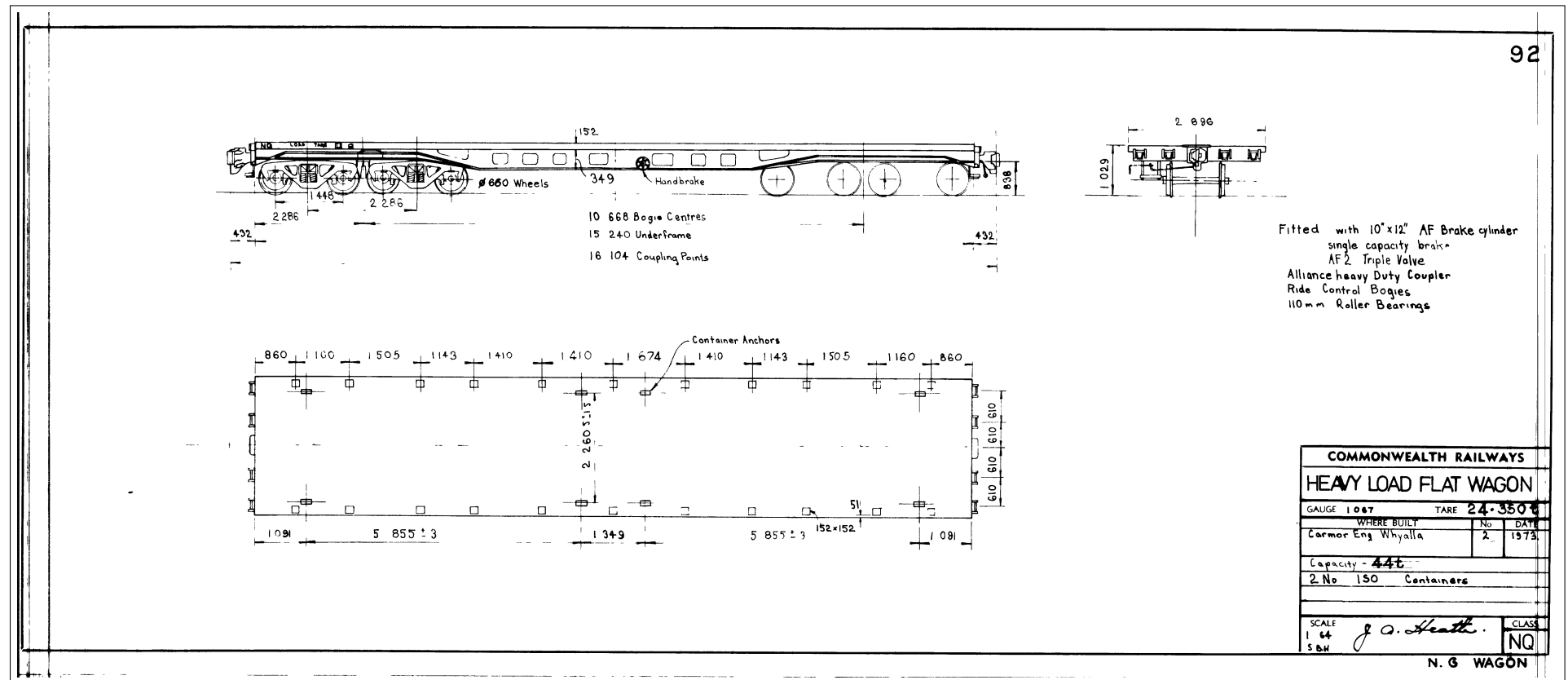
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9.32 NBP Ballast Plough



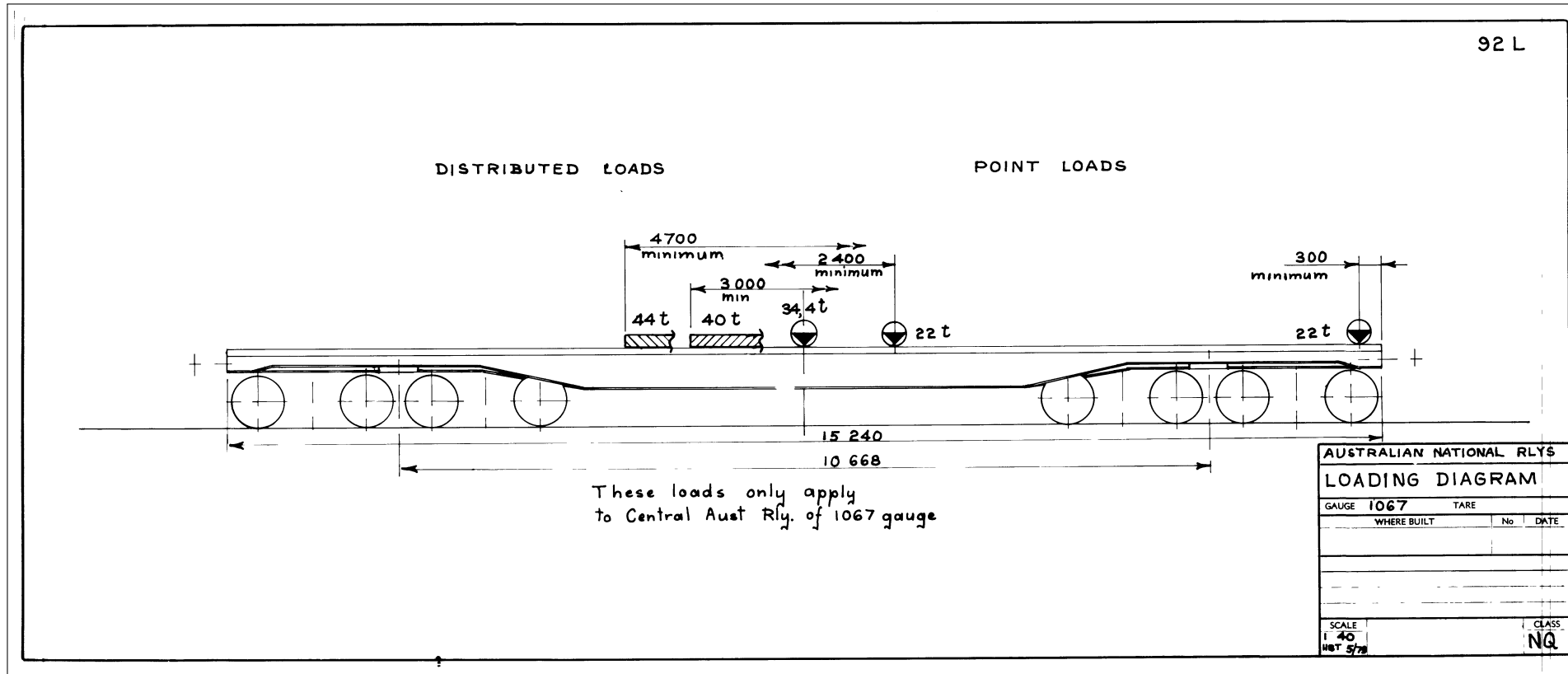
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9.33 NQ Heavy Load Flat Wagon



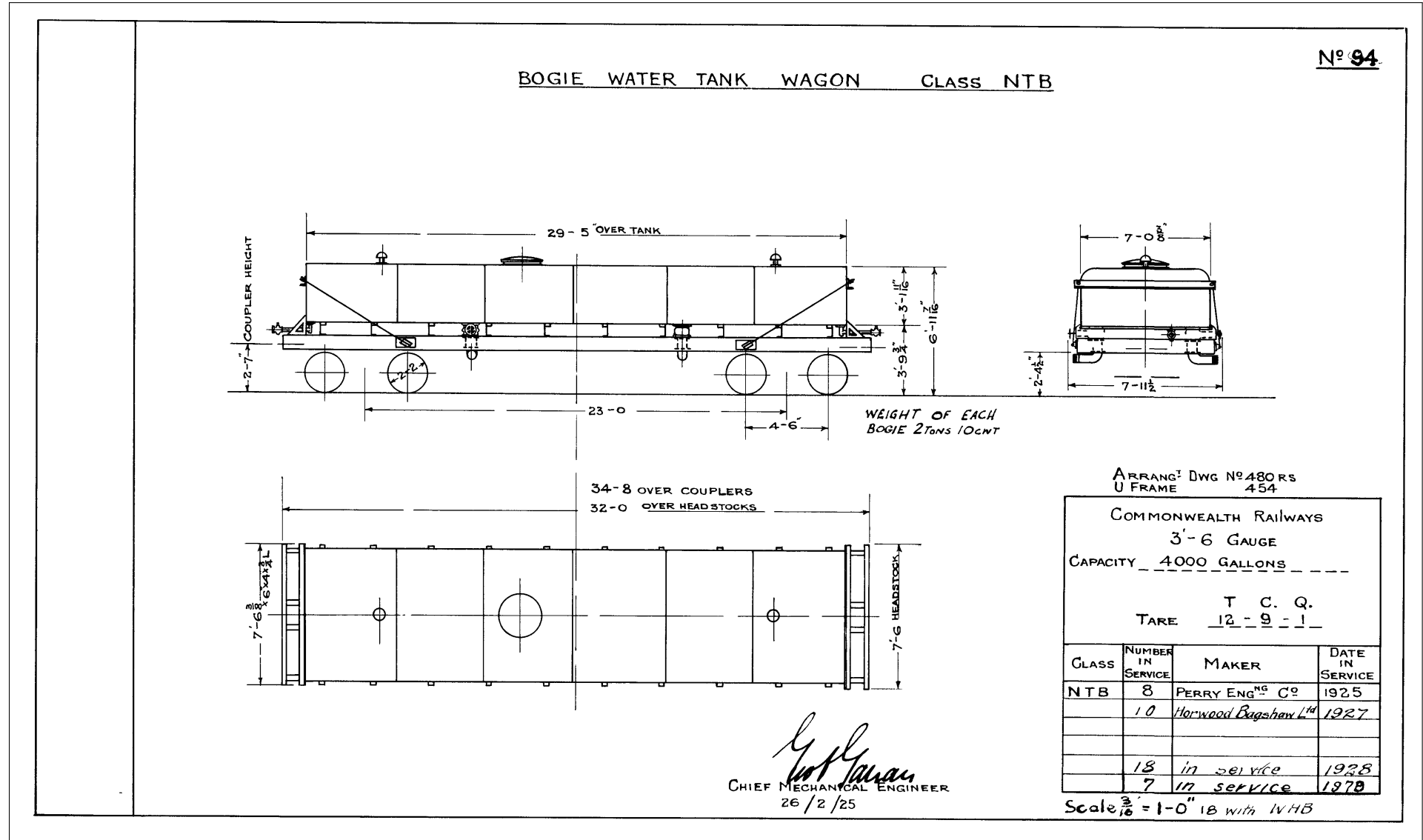
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9.34 NQ Heavy Load Flat Wagon Loading Diagram



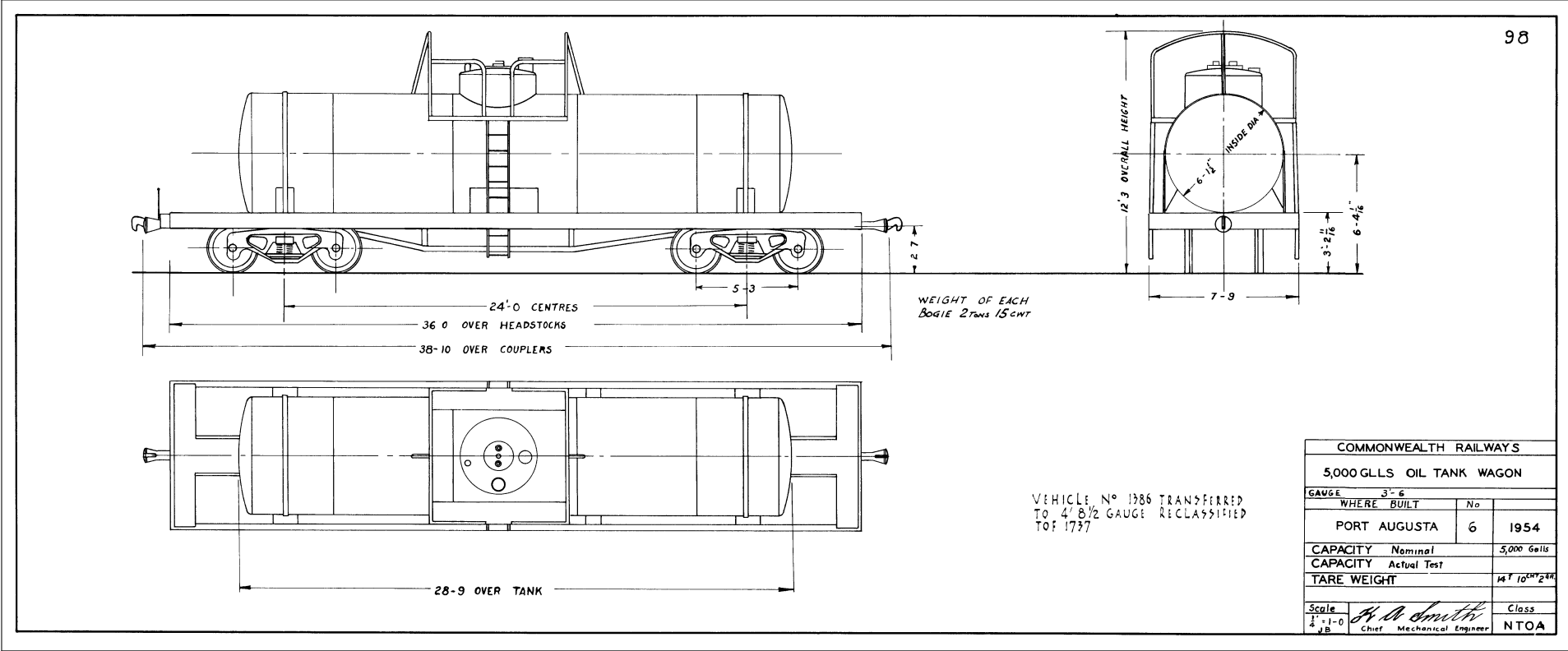
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9.35 NTB Bogie Water Tank Wagon



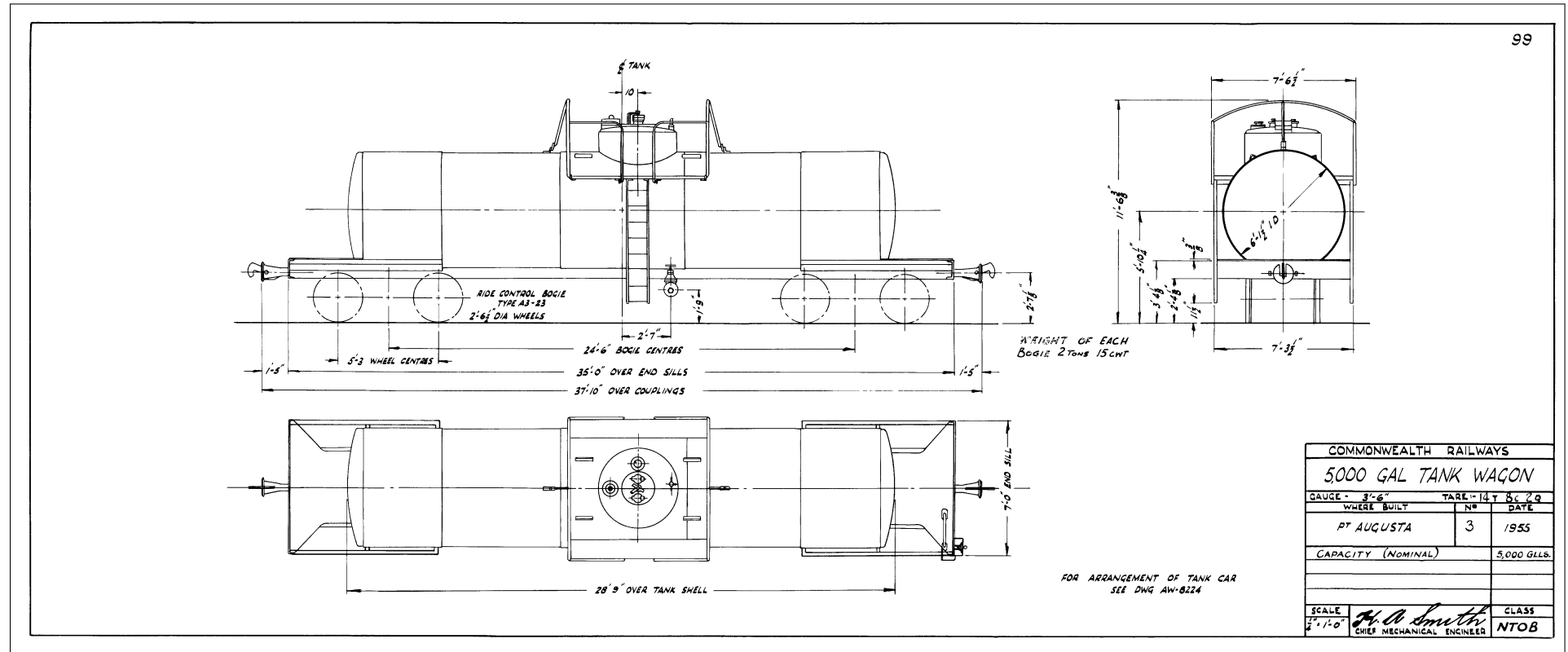
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9.36 NTOA Oil Tank Wagon 5000gal

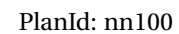


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9.37 NTOB Tank Car 5000gal



PlanId: nn099



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NSB class	58

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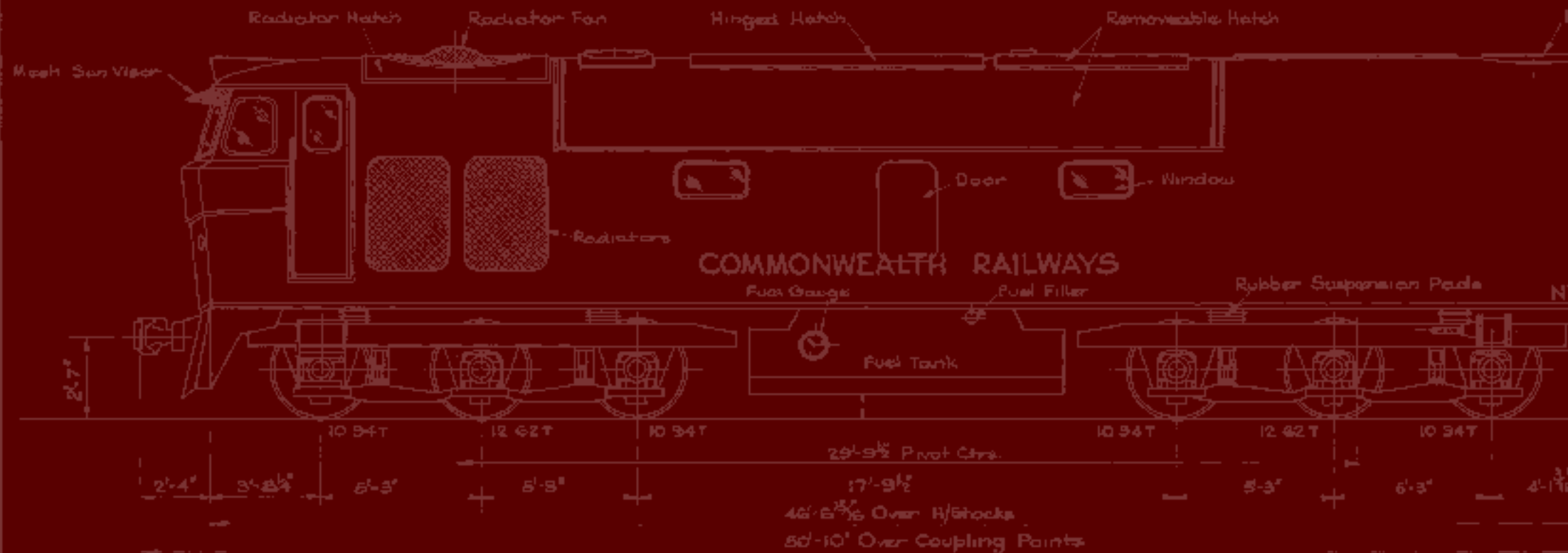
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GENERAL

Engine: Sulzer GLDA28C, 1400 HP @ 800 rpm
 Main Generator: AEI Type TG-53202W,
 1710A, 528V or 1200A, 750V @ 800 rpm
 Aux Generator: AEI Type AG51
 Traction Motors: 6N^o AEI Type 258AZ, 172 shp
 Gear Ratio: 19/92
 Tractive Effort: Maximum 47,500 lb
 Continuous 40,000 lb @
 Max2 Service Speed: 50 mph

SPECIFICATION

Fuel Oil Capy 900 galls (Orig 700 galls)
 Lub Oil Capy 150 galls
 Water System Capy 32 galls
 Drive: Hydrostatic drive
 Pressurising Fans: 40" x 21" dia, Hydrostatic drive
 Air Compressor: Gardner-Denver Type WXE 9057
 Westinghouse BTEL Brake Equip.

National Railway Museum, Port Adelaide, South Australia - <http://www.nrm.org.au/>

Australian National CR 1067mm Diagrams