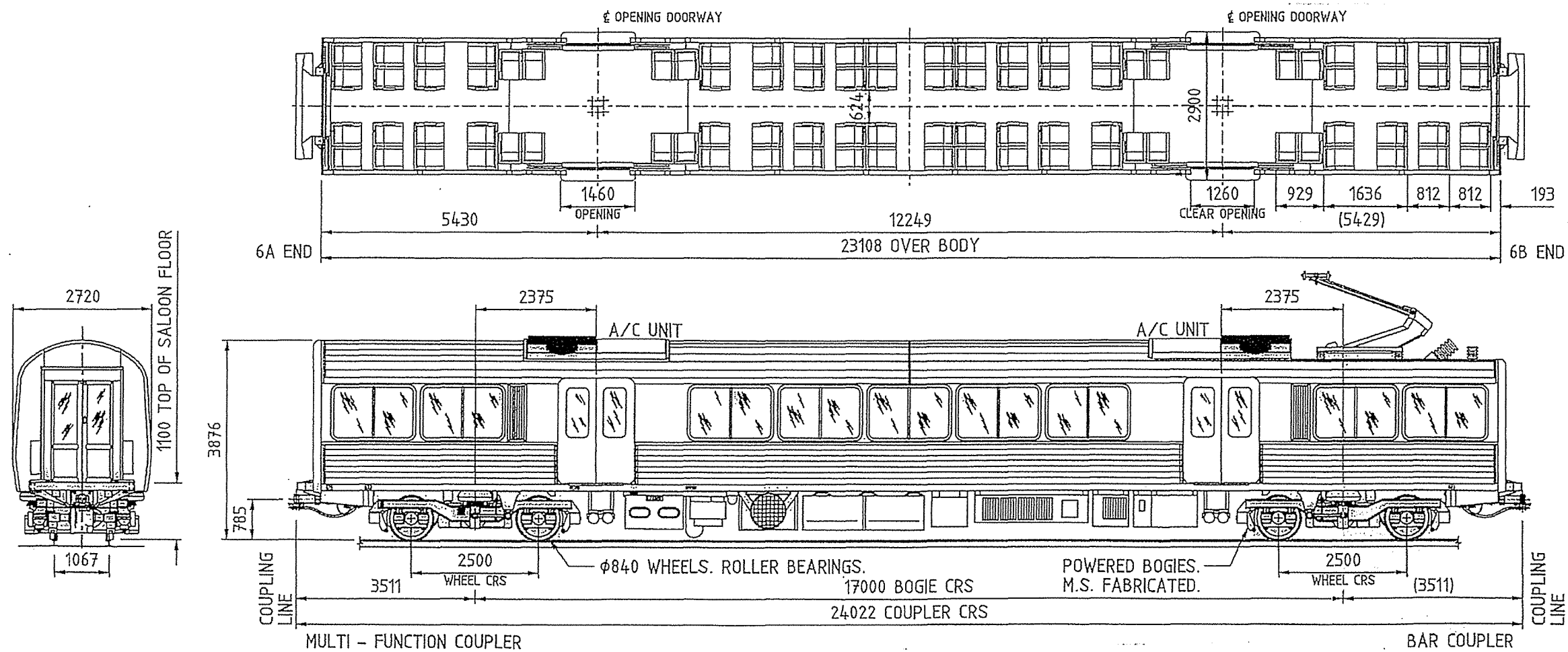
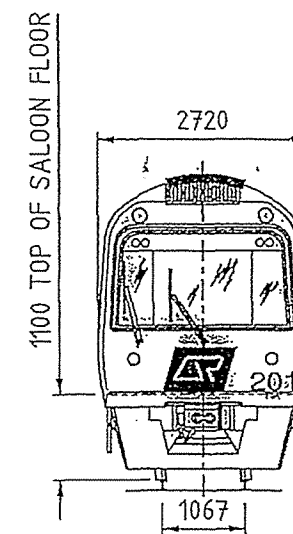
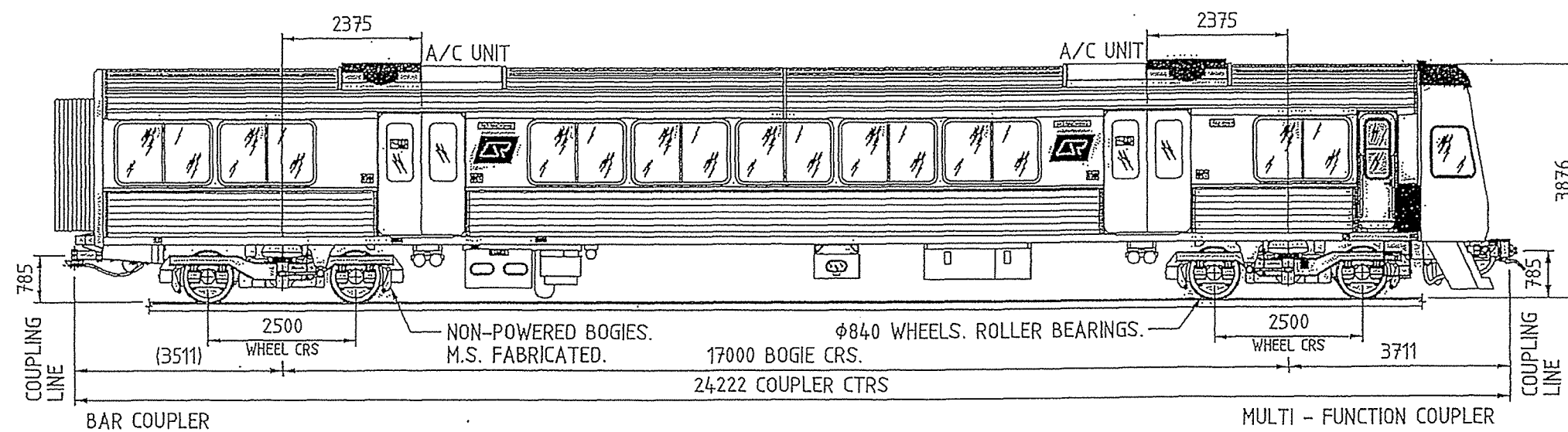
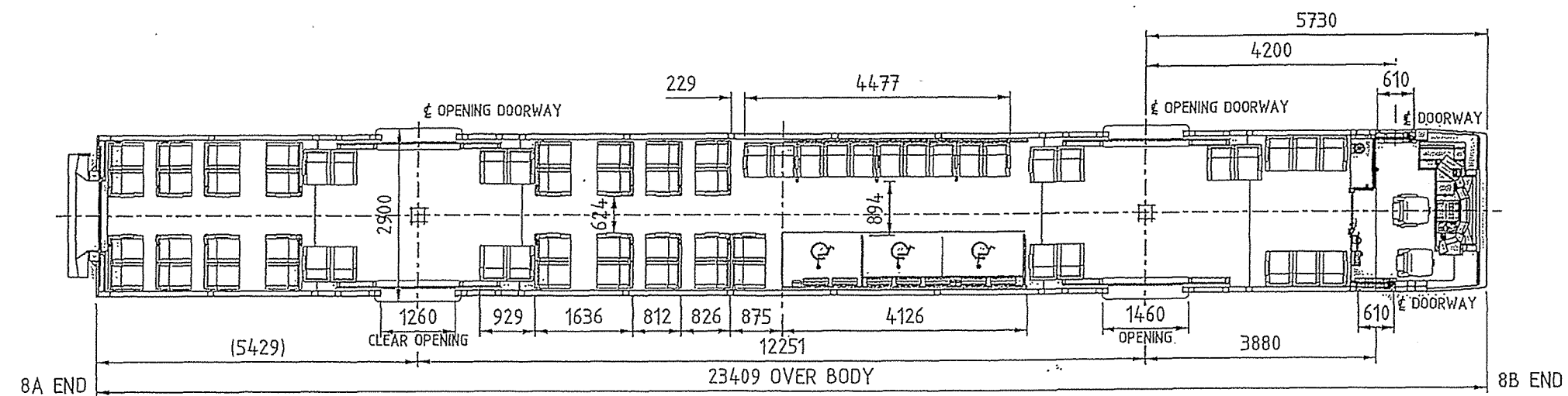


Suburban Multiple Unit (SMU200)

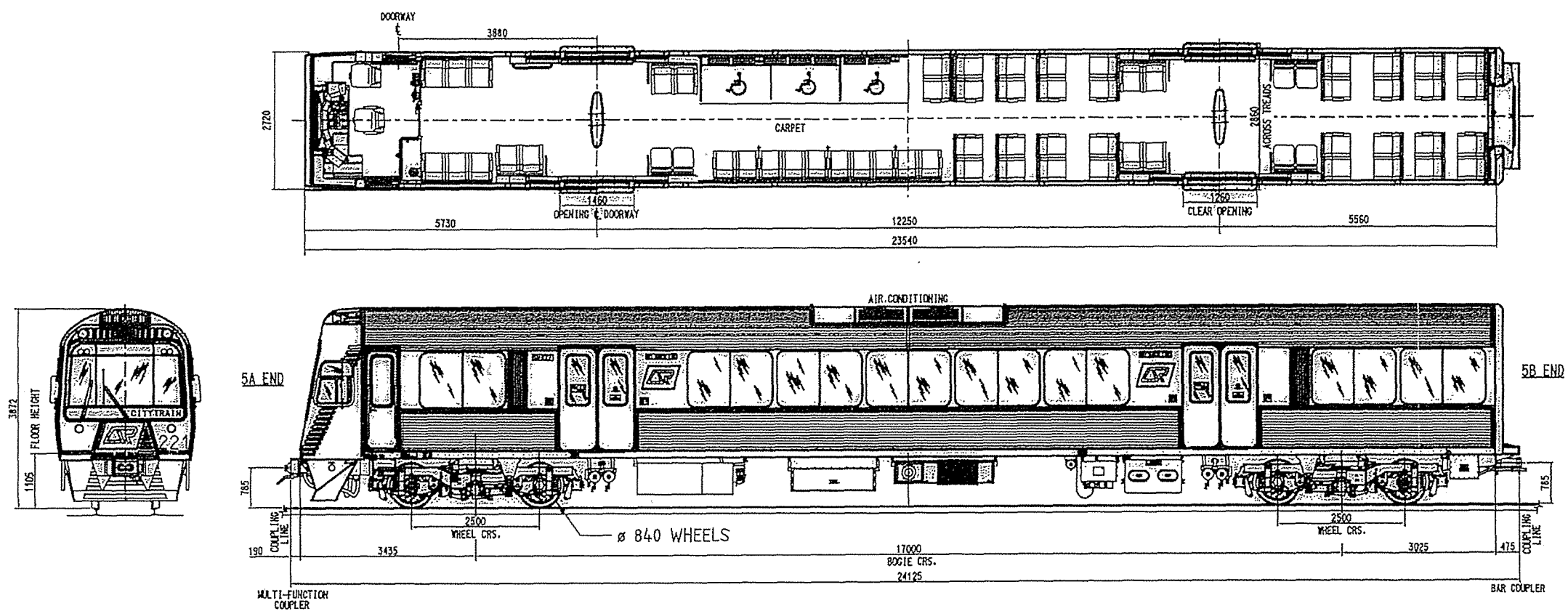


SUBURBAN MULTIPLE UNIT
SMU 200 CLASS
M CAR

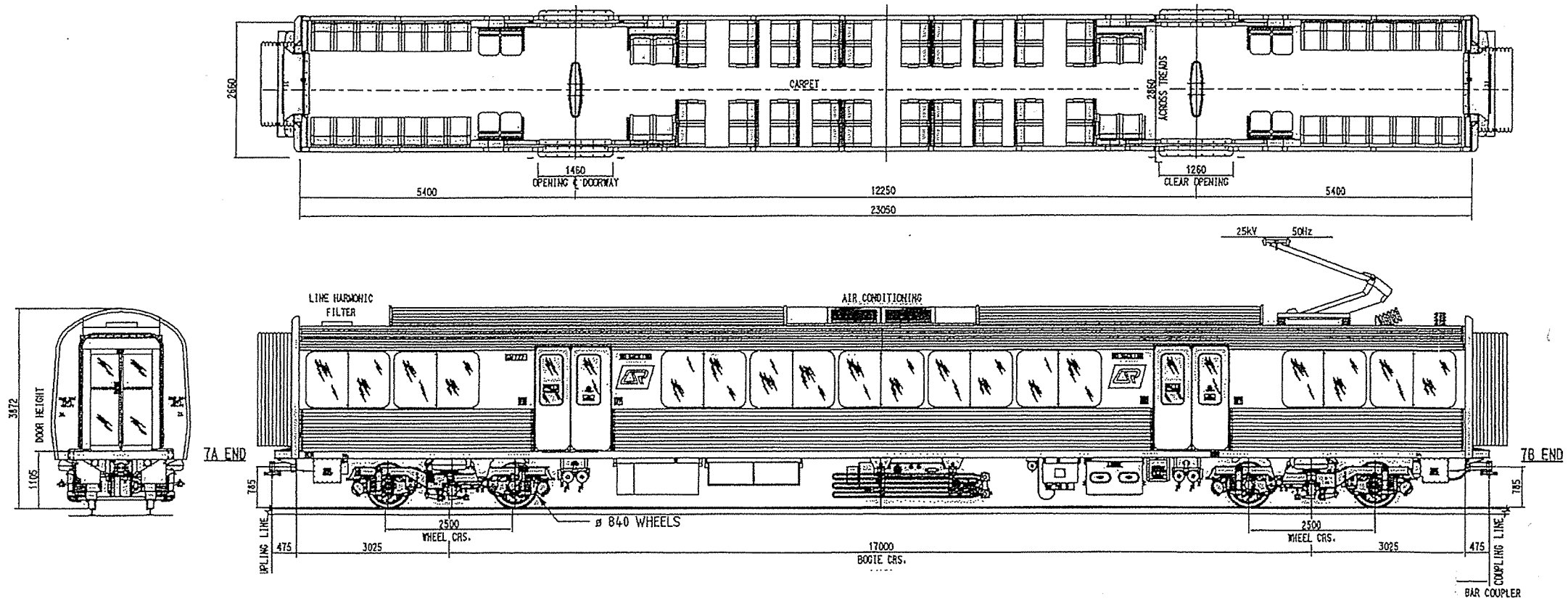


SUBURBAN MULTIPLE UNIT
DRIVER TRAILER CAR (DT)
SMU 200 CLASS

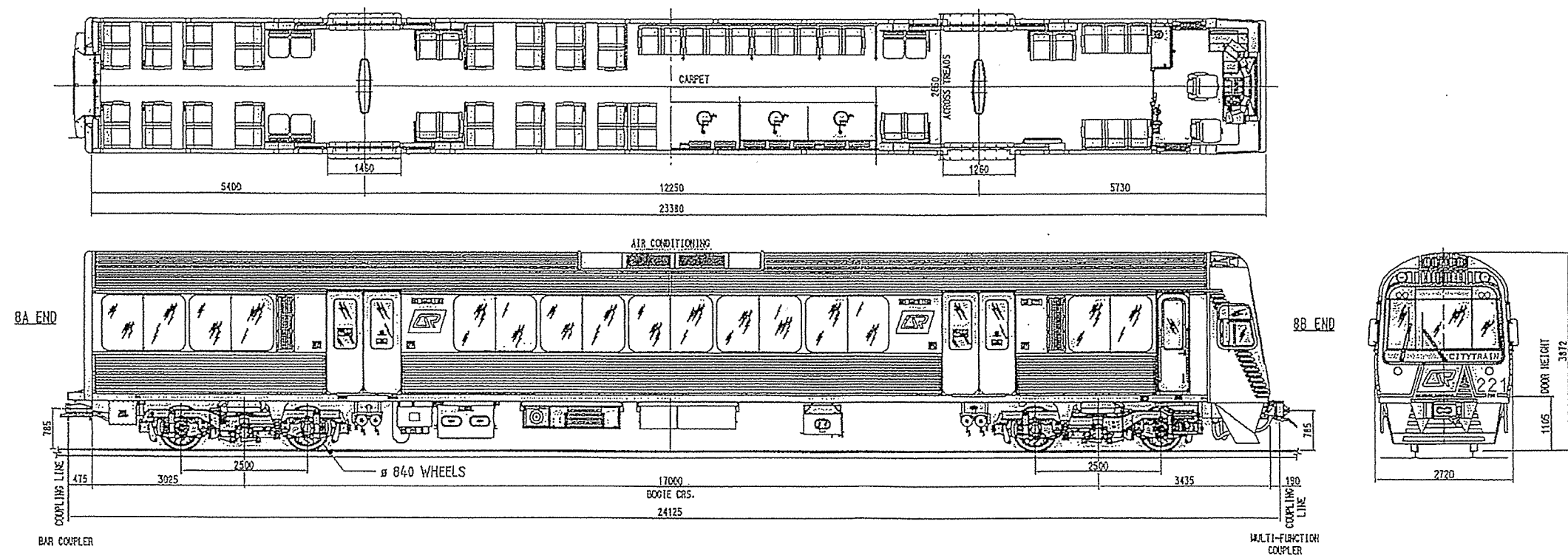
Suburban Multiple Unit (SMU220)



SUBURBAN MULTIPLE UNIT
SMU220 CLASS
DRIVER MOTOR CAR A (DMA)



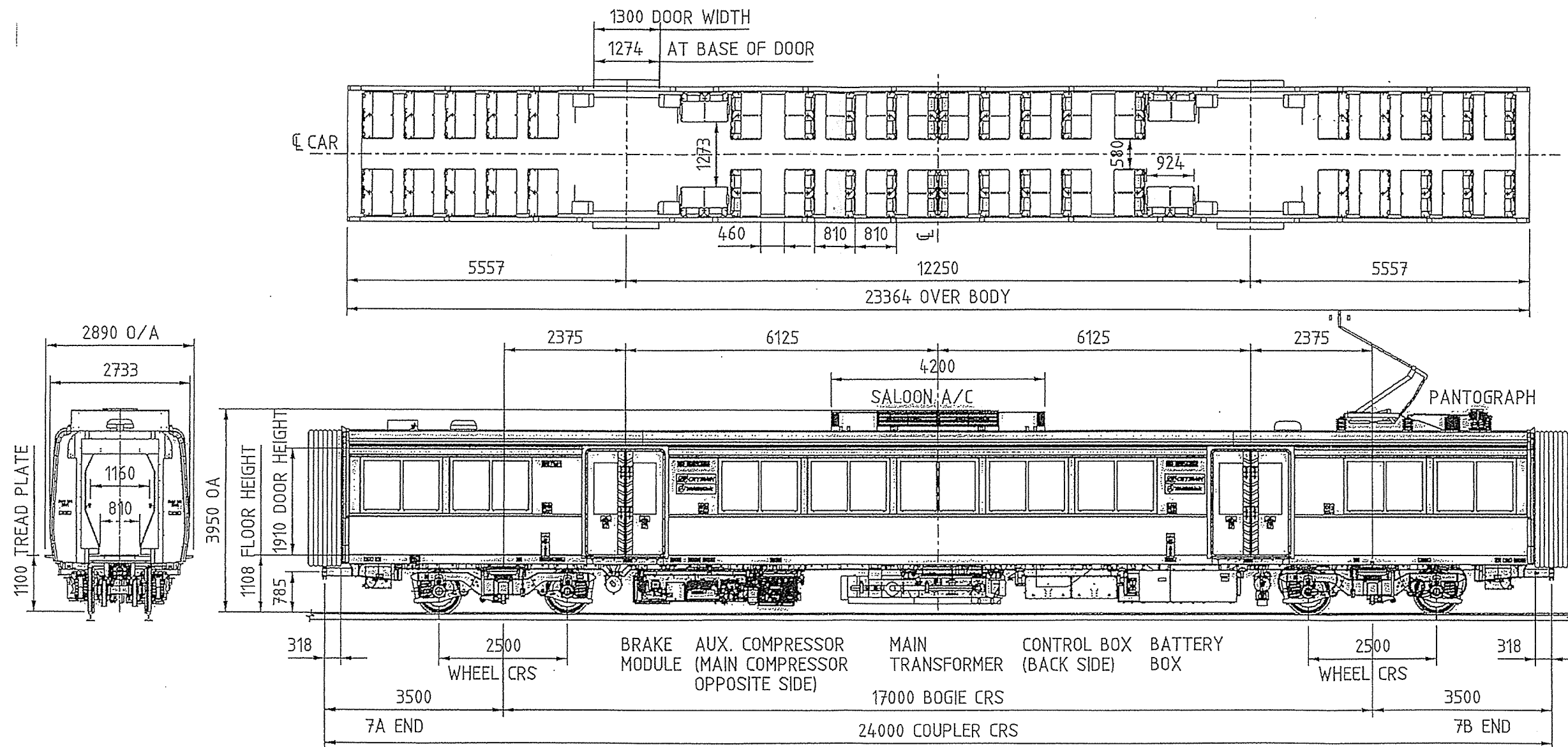
SUBURBAN MULTIPLE UNIT
SMU220 CLASS
TRAILER CAR (T)



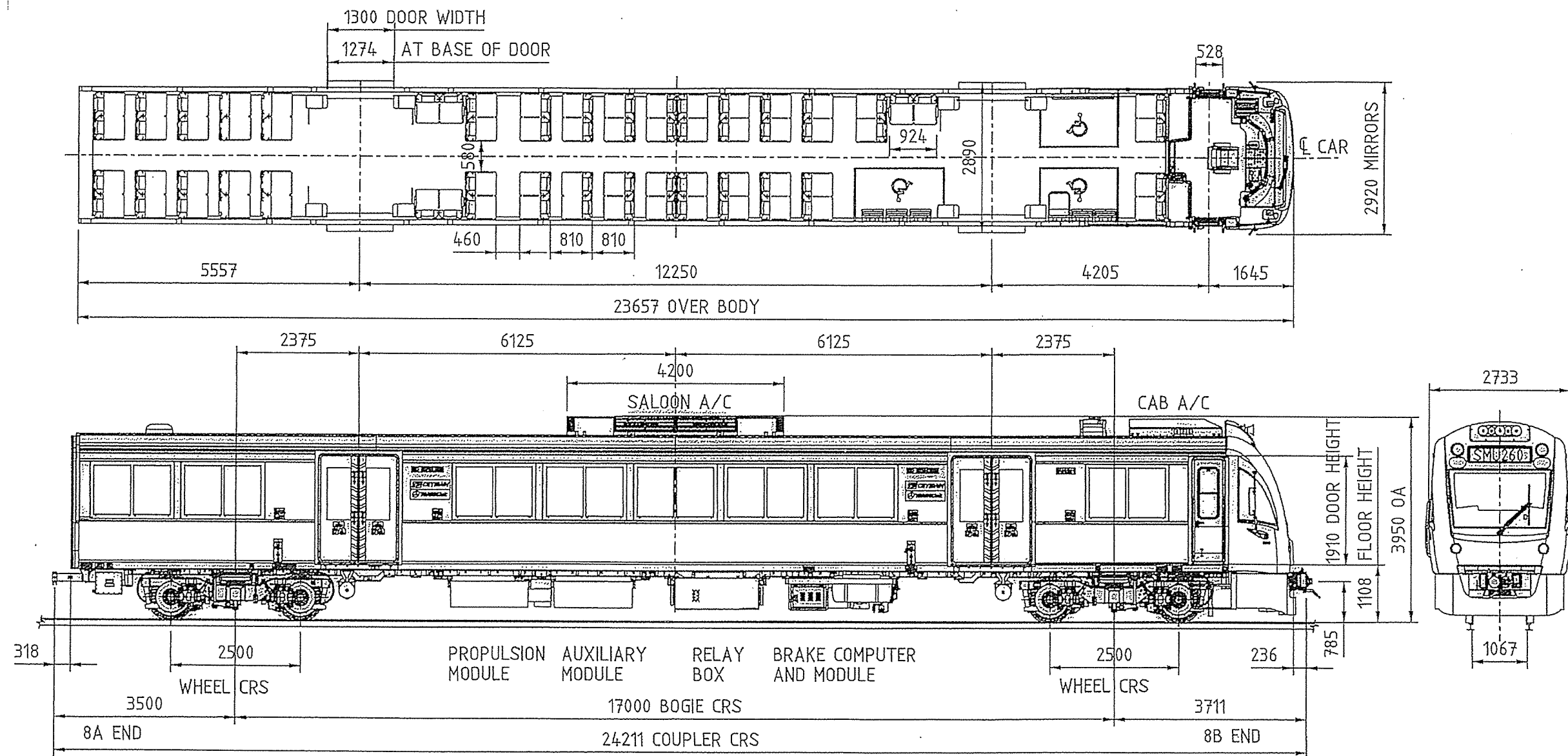
SUBURBAN MULTIPLE UNIT
SMU220 CLASS
DRIVER MOTOR CAR B (DMB)

Suburban Multiple Unit (SMU260)



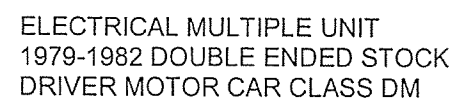


SUBURBAN ELECTRIC MULTIPLE UNIT
SMU 260 CLASS
T CAR

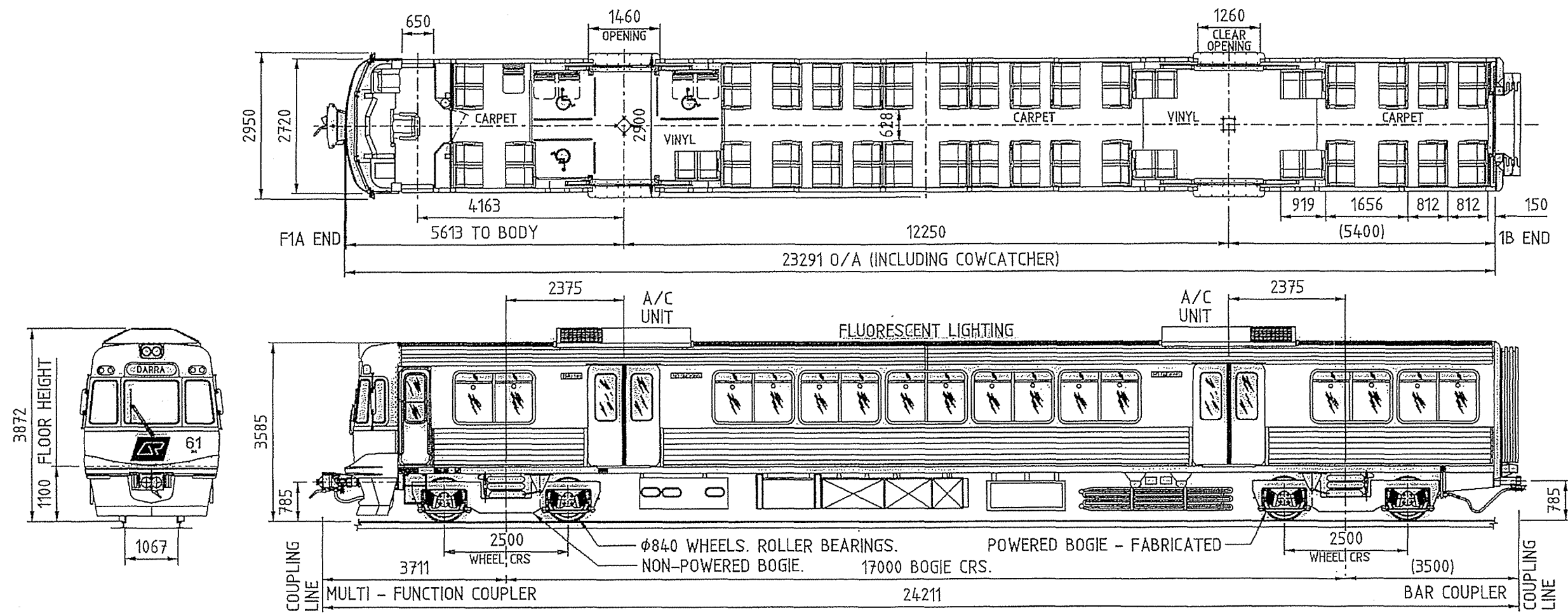


SUBURBAN ELECTRIC MULTIPLE UNIT
SMU 260 CLASS
DMB CAR

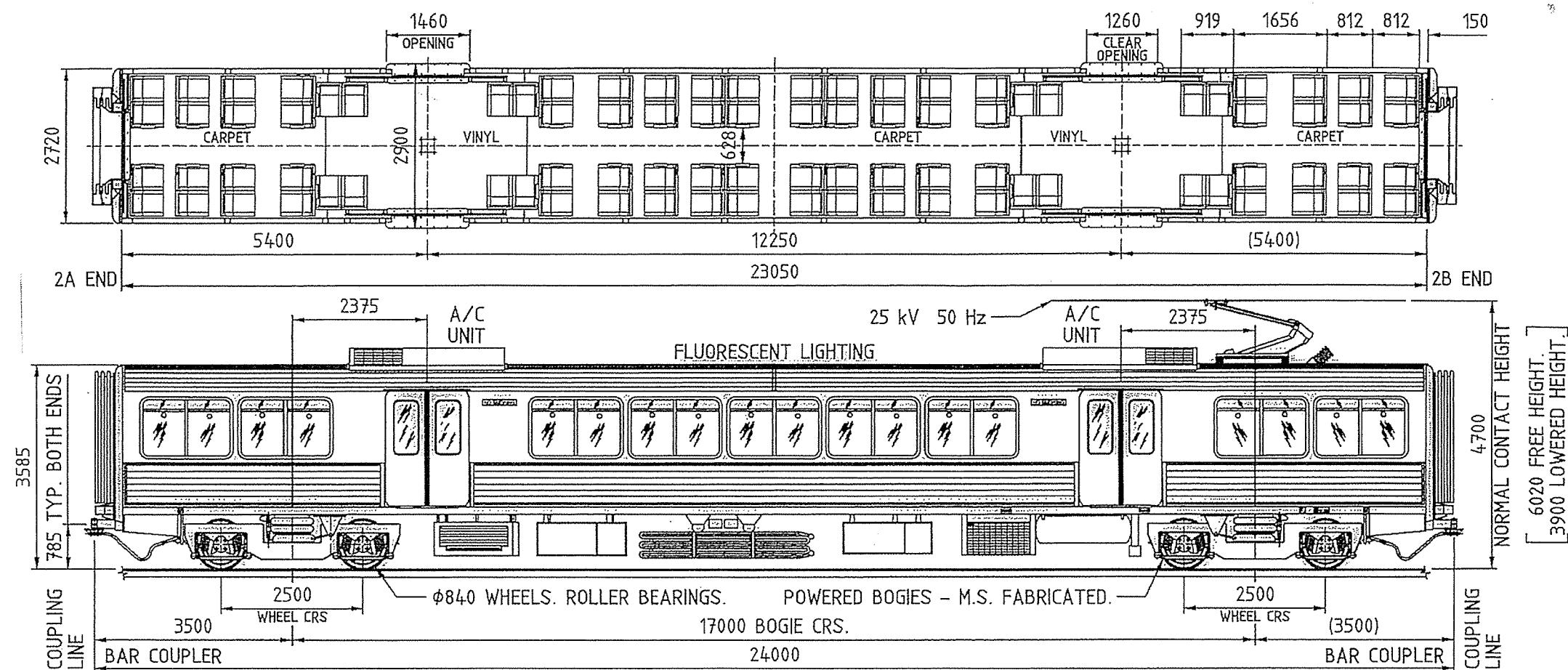
Electric Multiple Unit (EMU)



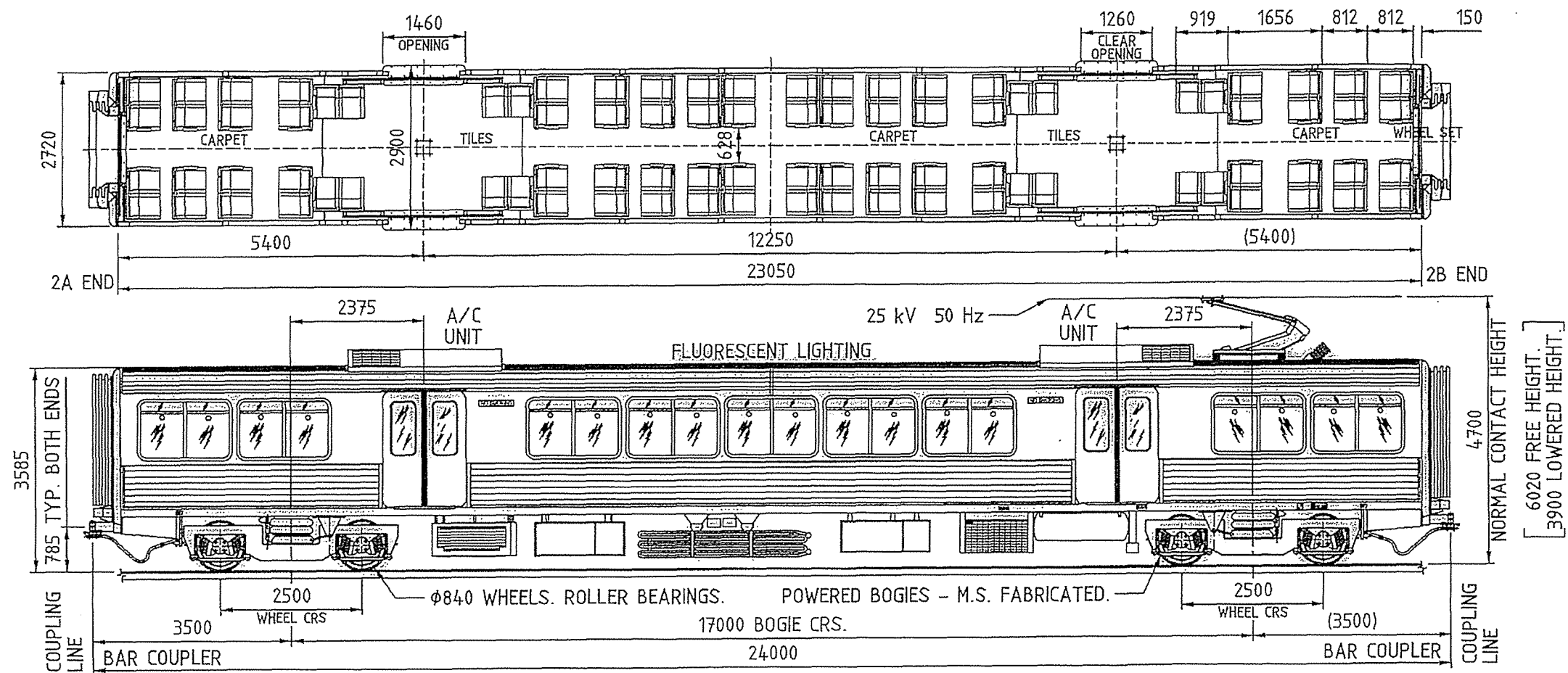
ELECTRICAL MULTIPLE UNIT
1979-1982 DOUBLE ENDED STOCK
DRIVER MOTOR CAR CLASS DM



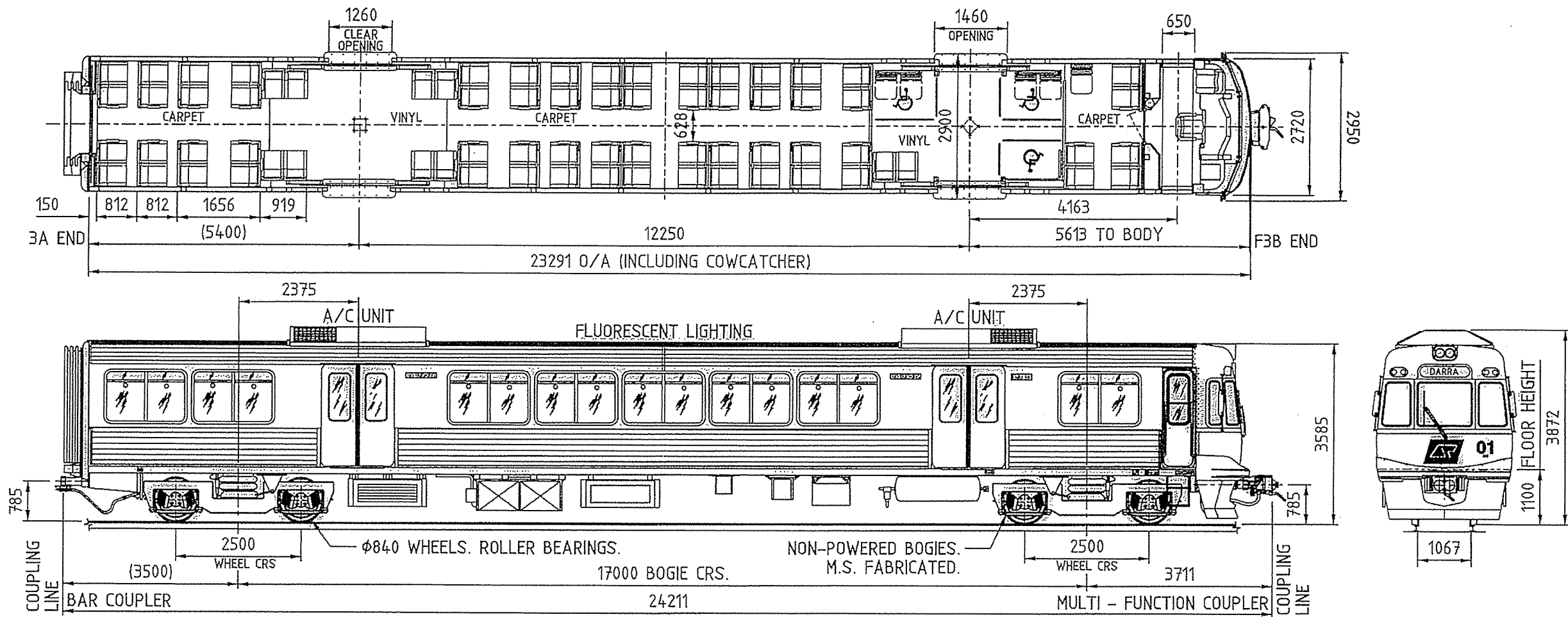
ELECTRICAL MULTIPLE UNIT
1982 SINGLE ENDED STOCK
DRIVER MOTOR CAR - CLASS DM



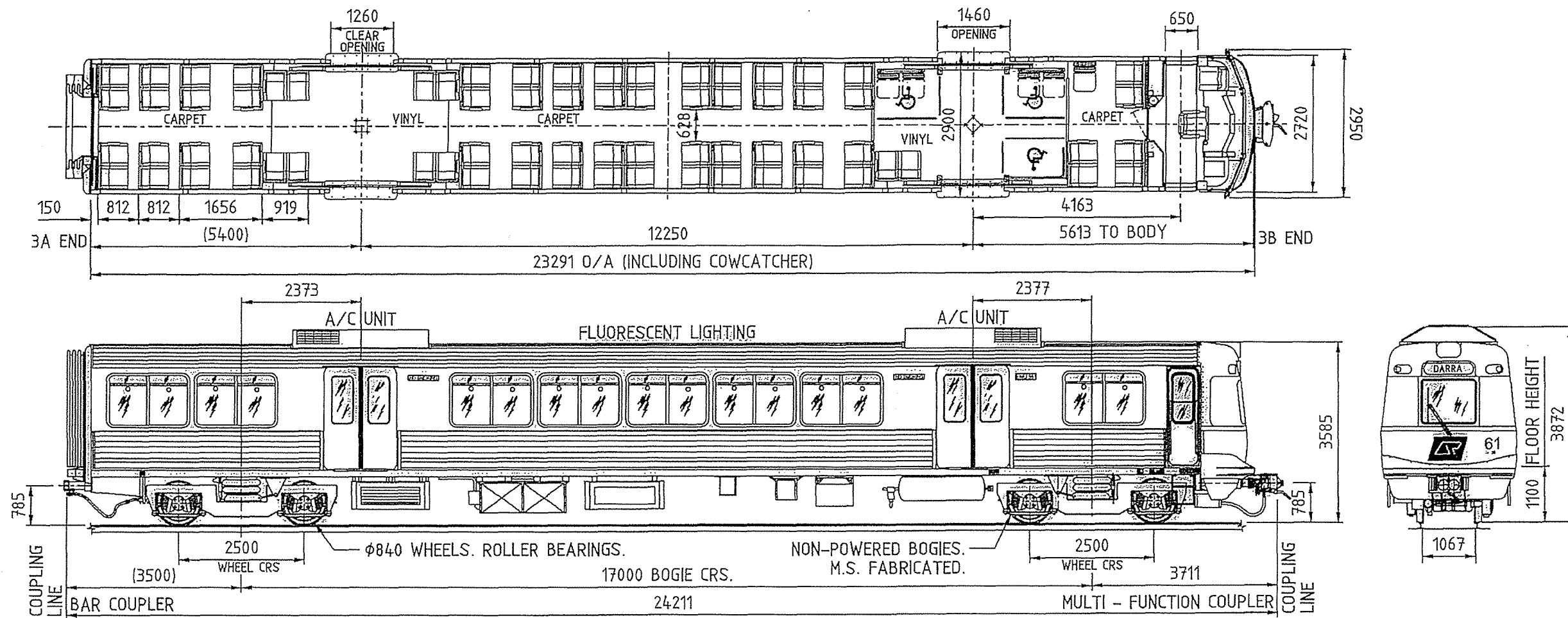
ELECTRICAL MULTIPLE UNIT
1979-1982 DOUBLE ENDED STOCK
MOTOR CAR - CLASS M



ELECTRICAL MULTIPLE UNIT
1979 - 1982 SINGLE ENDED STOCK
MOTOR CAR - CLASS M

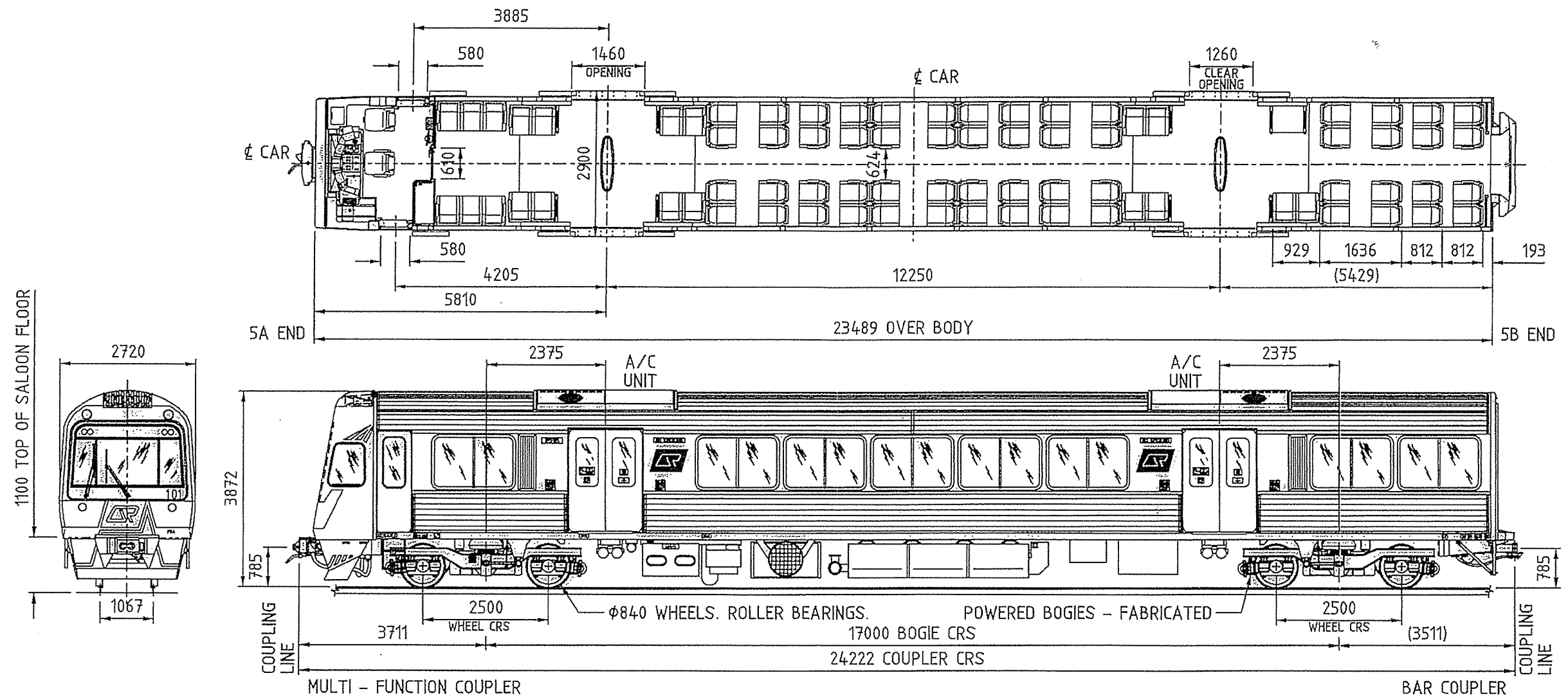


ELECTRICAL MULTIPLE UNIT
1979 - 1982 DOUBLE ENDED STOCK
DRIVER TRAILER CAR - CLASS DT

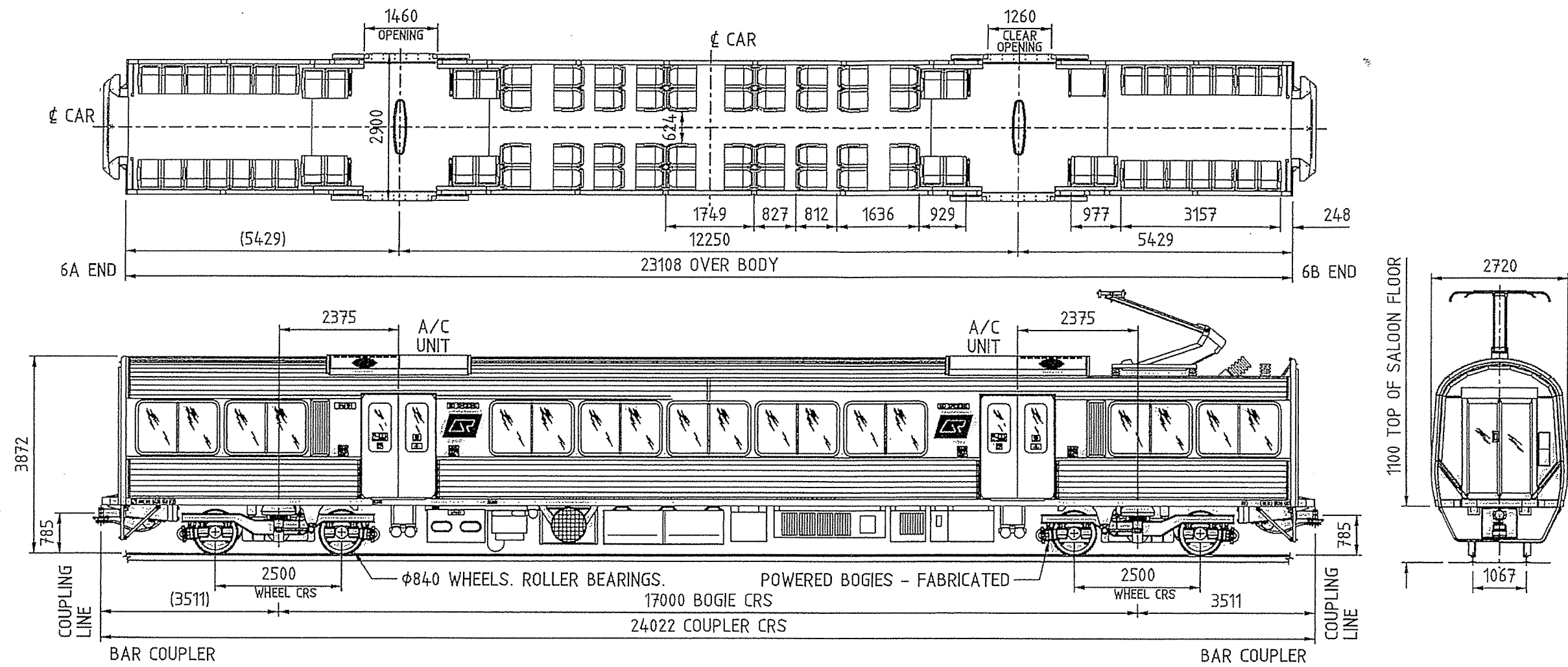


ELECTRICAL MULTIPLE UNIT
1982 STOCK SINGLE END TRAILER CAR
CLASS T

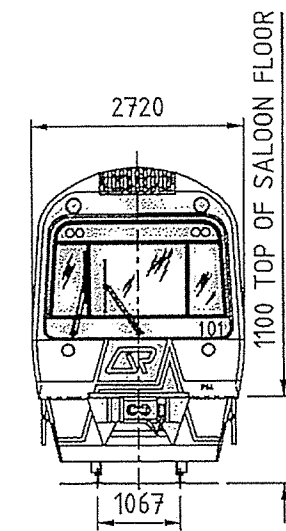
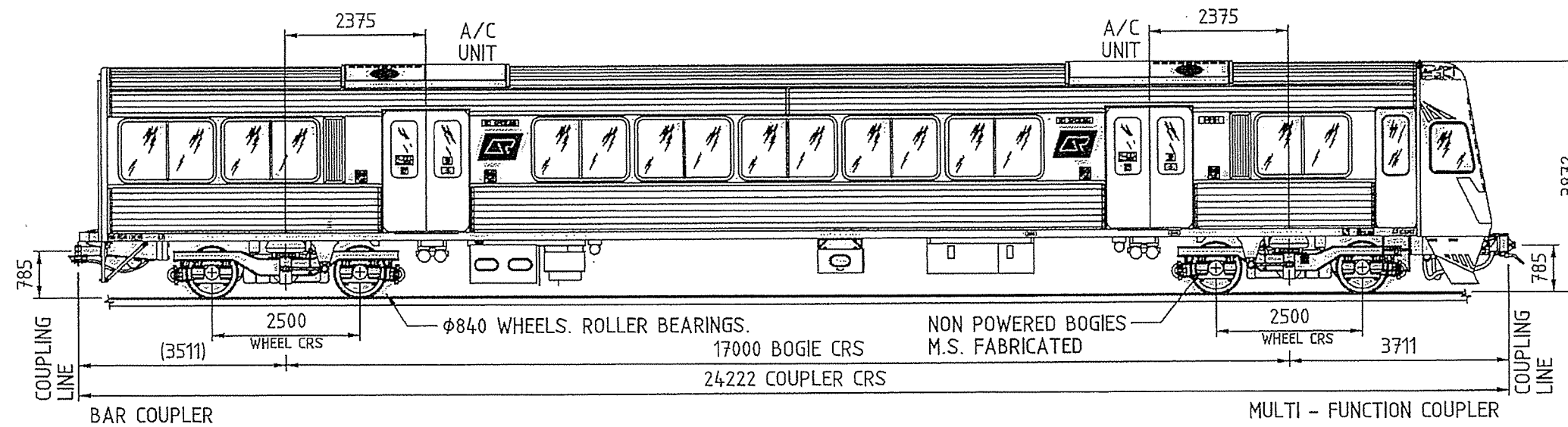
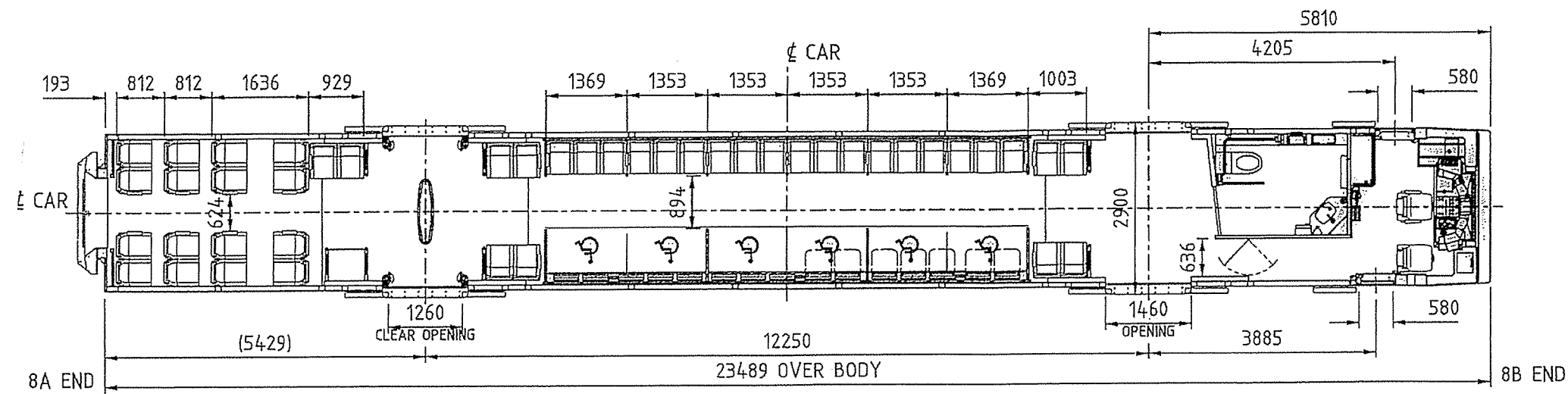
Interurban Multiple Unit (IMU 100)



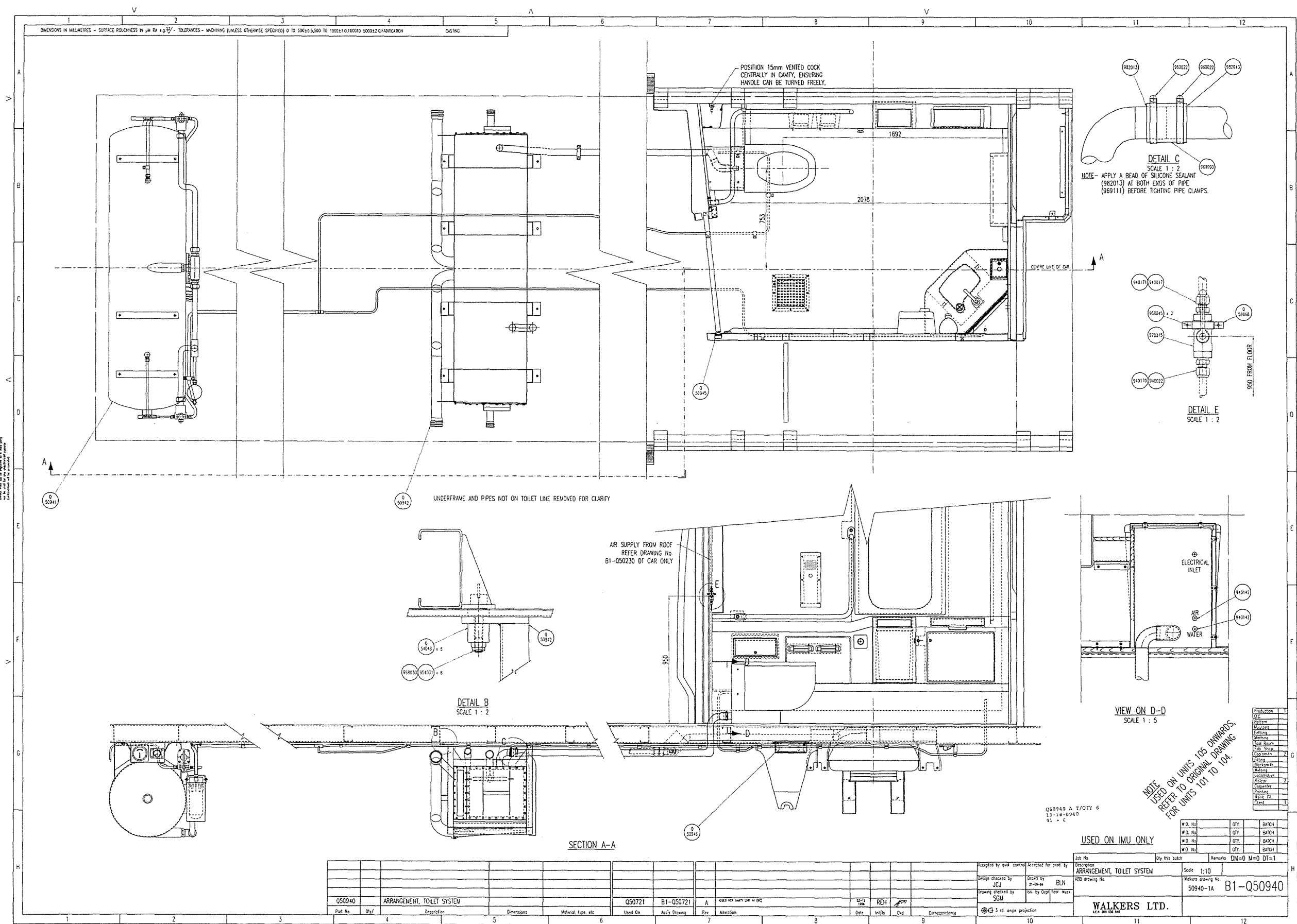
INTERURBAN ELECTRIC MULTIPLE UNIT
IMU 100 CLASS
DM CAR



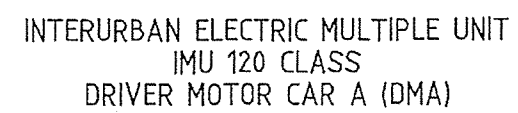
INTERURBAN ELECTRIC MULTIPLE UNIT
IMU 100 CLASS
M CAR



INTERURBAN ELECTRIC MULTIPLE UNIT
IMU 100 CLASS
DT CAR



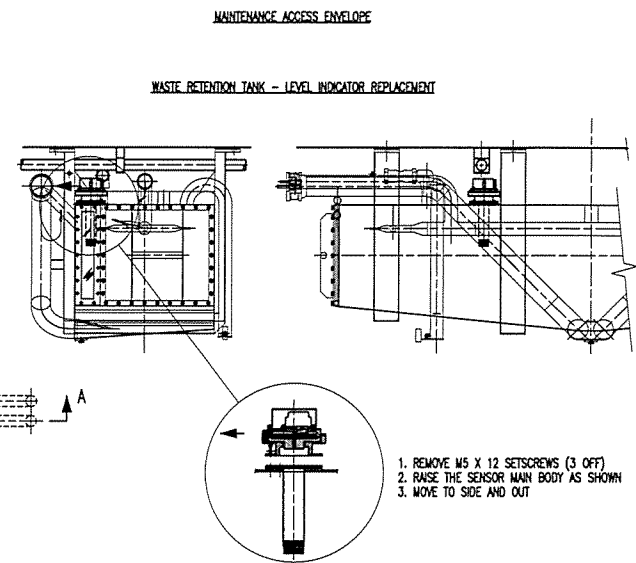
Interurban Multiple Unit (IMU 120)



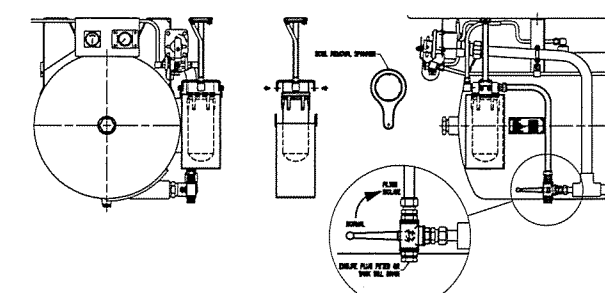
INTERURBAN ELECTRIC MULTIPLE UNIT
IMU 120 CLASS
DRIVER MOTOR CAR A (DMA)



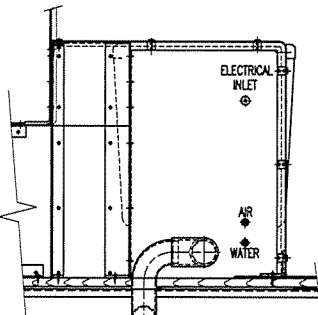
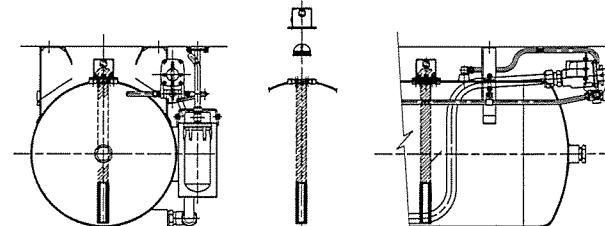
ITEM	Qty/Item No.	DESCRIPTION	DWG SIZE	UOM	QTY	RAW MATL DESCRIPTION	
						Part No.	UOM QTY
1	Q101196	ARMATURE SUPPLY	A2	ea	1		
2	Q101193	ARMATURE RETENTION TANK	A2	ea	1		
3	Q102471	ARMATURE CABLE	A2	ea	1		
4	Q104375	ARMATURE TANK CONNECTION	A2	ea	1		
5	Q104374	CUP LAMP VENTED COVER	A2	ea	1		
6	9402574	CONNECTION/DN 1/2 BRN W		ea	1		
7	910022	CUP/HOSE DN 1/2-7/8 BRN 15		ea	2		
8	930213	ISOLATING/FORMING TRAILER/UNIT	BR	0	0		
9	940433	CONNECTION 1/2mm W/25P MALE	A2	ea	1		
10	940463	SPRINT LINE 1/2	A2	ea	1		
11	960018	CORROSION/5/8 AN W/ 10P/1	A2	ea	1		
12	978015	COVER/1/25P BRN/WHITE VENT	A2	ea	1		



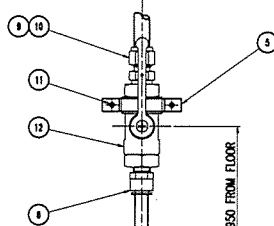
- ⚠ WATER SUPPLY TANK – WATER FILTER**
1. ISOLATE FILTER (ENSURE PLUG FITTED IN DRAIN TO PREVENT TANK EMPTYING)
 2. REMOVE M8 X 12 SETSCREWS (4 OFF)
 3. LOWER THE WATER FILTER COVER
 4. UNSCREW THE WATER FILTER (USE BOWL REMOVAL SPANNER)
 5. REMOVE THE WATER FILTER CARTRIDGE
 6. INSTALLATION IS REVERSAL OF ABOVE- DO NOT OVER TIGHTEN FILTER BOWL



- WATER SUPPLY TANK - WATER LEVEL INDICATOR
1. REMOVE M5 X 12 PAN HD SCREWS (3 OFF)
AND TAKE OFF SENSOR COVER
 2. REMOVE M5 X 12 PAN HD SCREWS (5 OFF)
AND REMOVE SENSOR

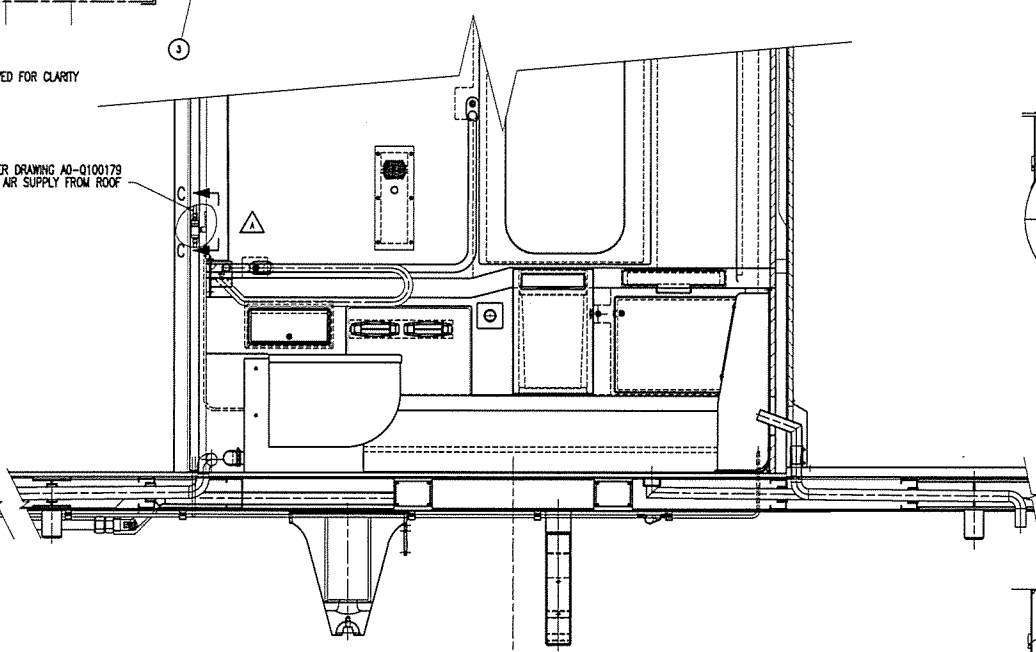


VIEW ON D-D
SCALE 1 : 5

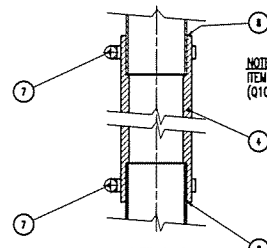


SECTION C-C
SCALE 1 : 2
TOILET AIR ISOLATING COCK

REFER DRAWING AO-Q100179
AIR SUPPLY FROM ROOF



SECTION A-A

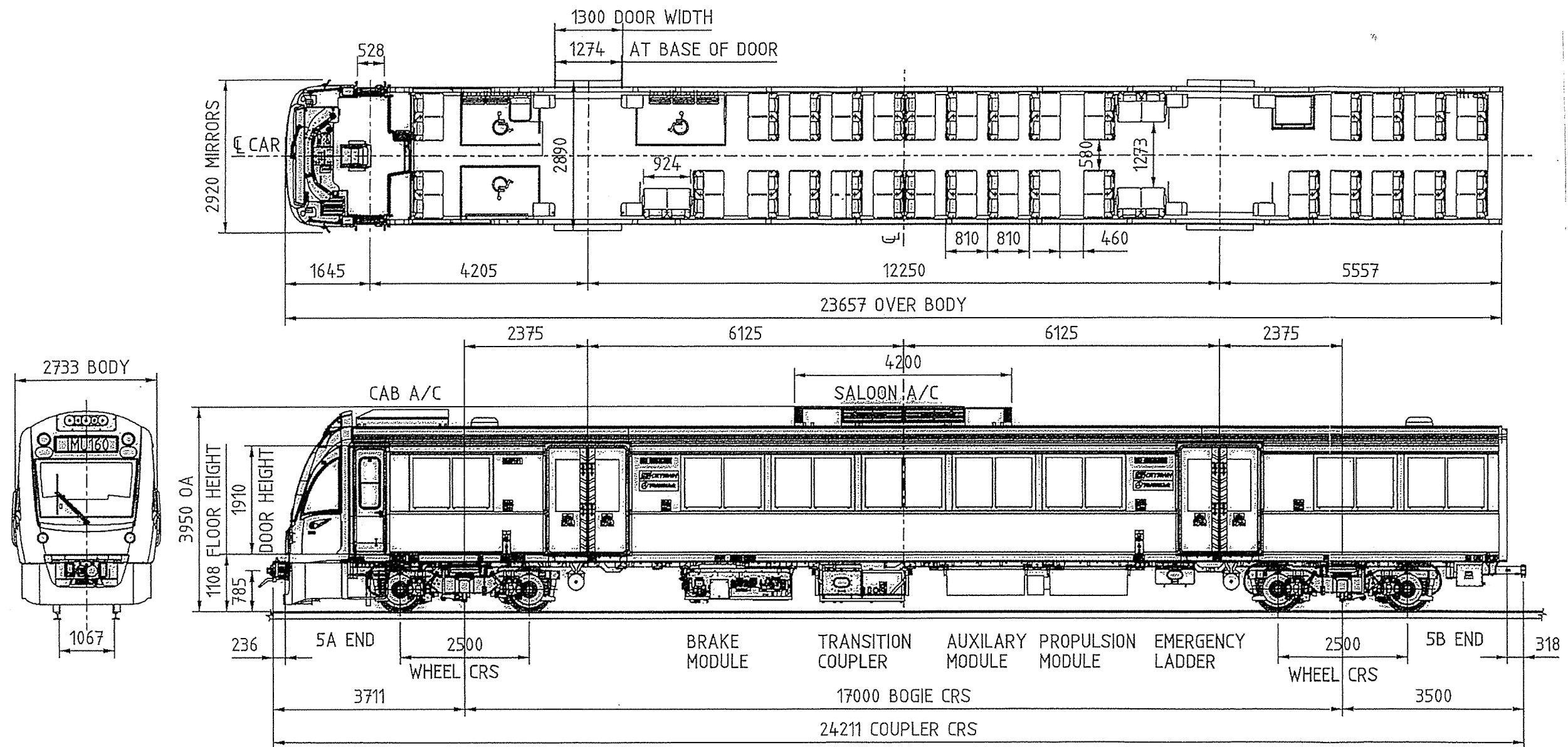


DETAIL B
SCALE 1 : 2

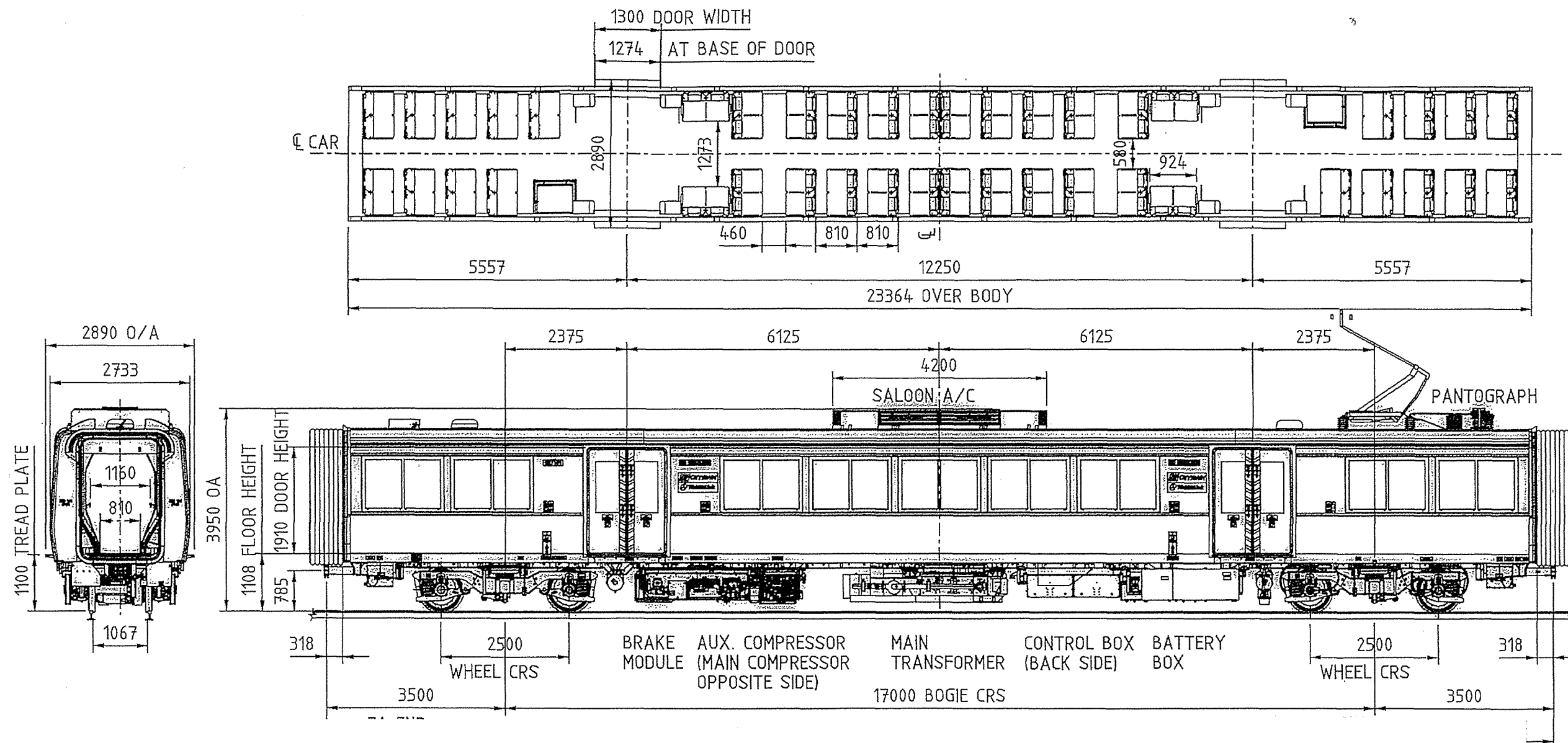
NOTE- APPLY A BEAD OF SILICONE SEALANT-
ITEM 8 (982013) AT BOTH ENDS OF HOSE-ITEM 6
(Q104375) BEFORE TIGHTENING PIPE CLAMPS.

[illegible]

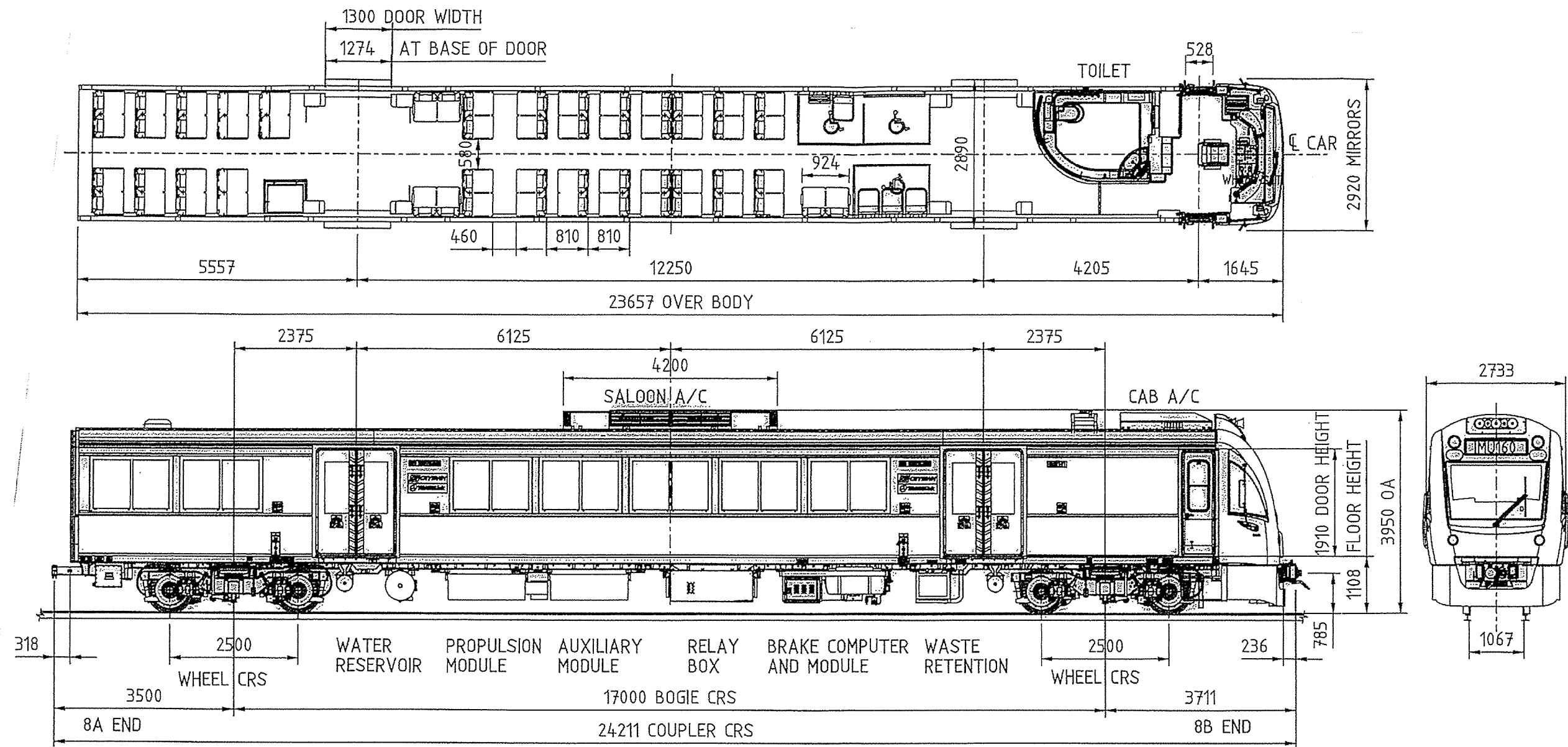
Interurban Multiple Unit (IMU 160)



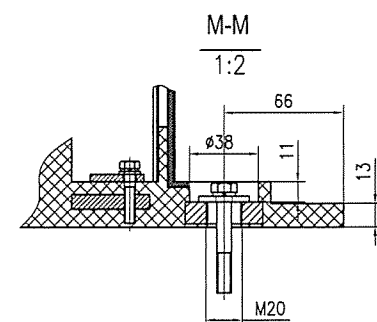
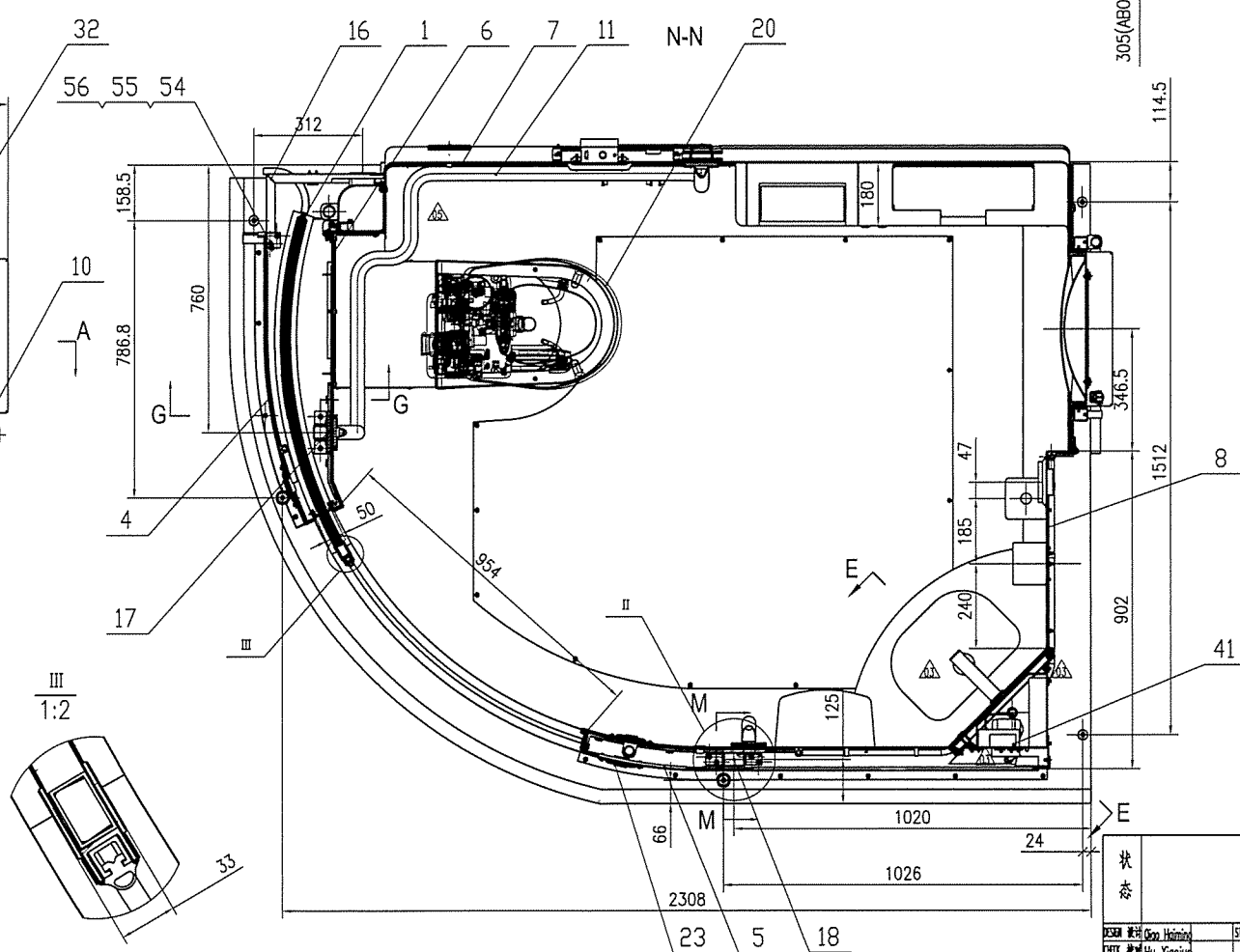
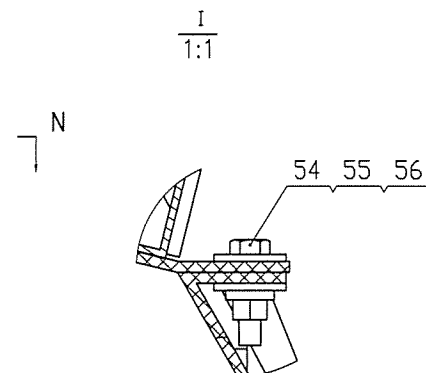
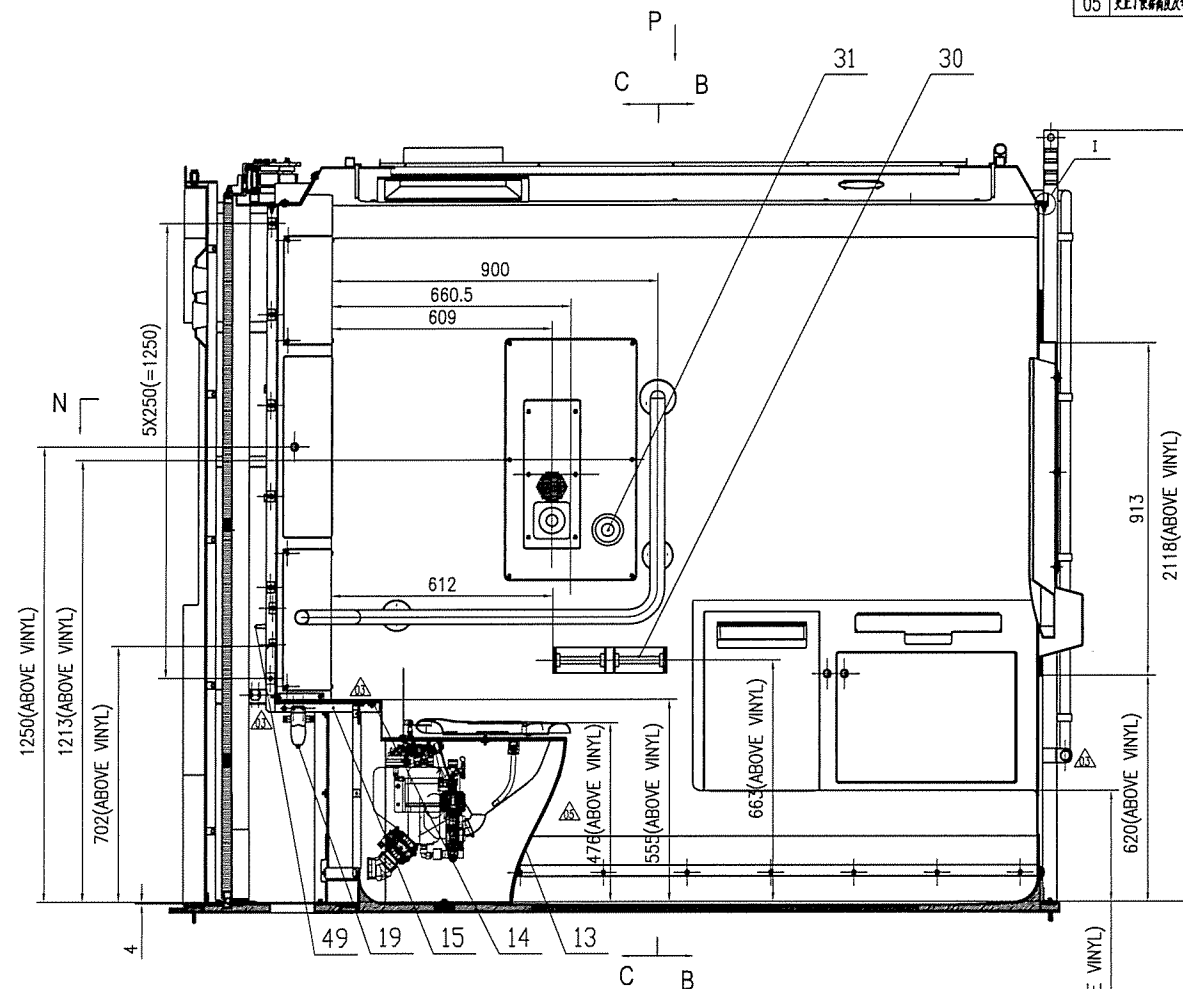
INTERURBAN ELECTRIC MULTIPLE UNIT
IMU 160 CLASS
DMA CAR




INTERURBAN ELECTRIC MULTIPLE UNIT
IMU 160 CLASS
T CAR



INTERURBAN ELECTRIC MULTIPLE UNIT
IMU 160 CLASS
DMB CAR



状态	PROJECT 项目 CUSTOMER 客户 DESIGN 设计 DATE 日期		QR TOILET EDI		 Transportation Equipment Co., Ltd. 青岛欧特美交通设备有限公司
	PROJECT 项目 CUSTOMER 客户 DESIGN 设计 DATE 日期		QR TOILET EDI		
UCW02-00-00-00			QR Toilet & Drawing QR 卫生间总图		
UCW02-00-00-00			UCW02-00-00-00		

UCW02-00-00-00

版本	更改内容	更改人	日期
04	根据EDI意见更改, 详见图中标注。Revision made according to EDI comments/Details refer following drawing	曹海明	2008-08-18
05	第1页中更正了便器高度及扶手样式。本页无更改。No modification on this sheet.	曹海明	08-08-28

技术要求

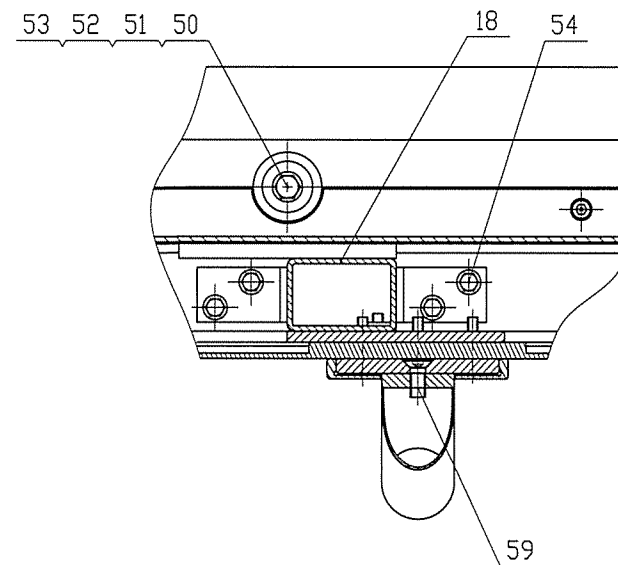
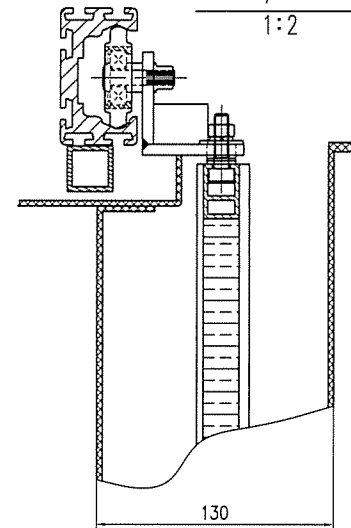
1. 去除飞边、毛刺。
2. FRP件一般厚度为3mm, 特殊部位局部加强除外。
3. 可见面不许出现尖角、缺棱。
4. 所有起加强作用的金属件均为不锈钢, 要尽可能铆接在FRP内。
5. 卫生间顶板, 墙板之间安装螺栓间距为250mm, 特殊位置可适当调节。
6. 卫生间顶板螺栓结构上设有2个起吊点, 供安装到车体时吊装。
7. 安装到车体时, 需使卫生间平整落下, 然后附件51调整卫生间至合适位置。
8. 顶板与墙板连接时, 附件32视新配钻。

- Technical Requirement
- 1.Remove all burrs and sharp edges.
 - 2.General thickness of FRP 3mm, unless specially reinforced at local part.
 - 3.Visible surface be free from sharp angle and blemish.
 - 4.All metal parts shall be ST-316, and laminated into FRP.
 - 5.Between ceiling and wall panel, bolts clearance 250mm; special position be adjustable.
 - 6.Two lifting points fixed on toilet top steel frame for lifting module to install it onto carbody.
 - 7.When installed on vehicle, module should be smoothly layed down. Item 51 used to adjust module position; Item 50,52,53 used to fit module to vehicle.
 - 8.When connecting ceiling and wall panel,Item 32 to be drilled on situ.

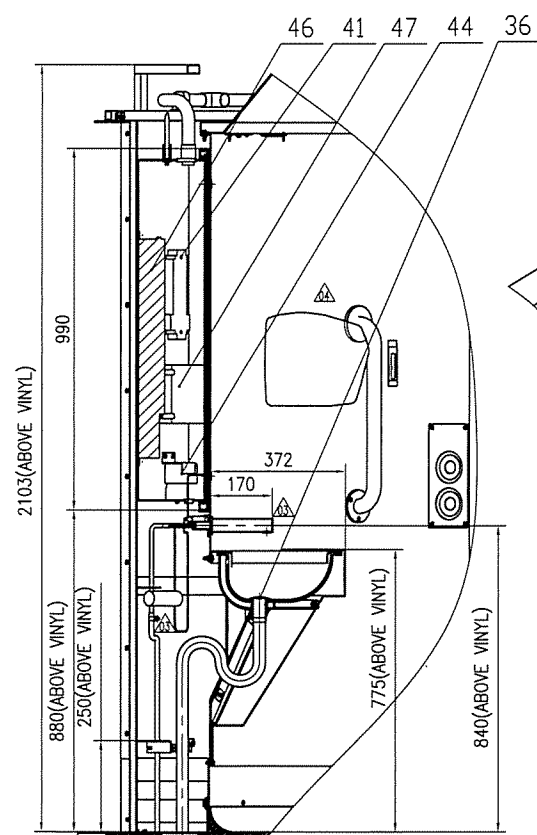
D-D旋转/ROTATE

1:2

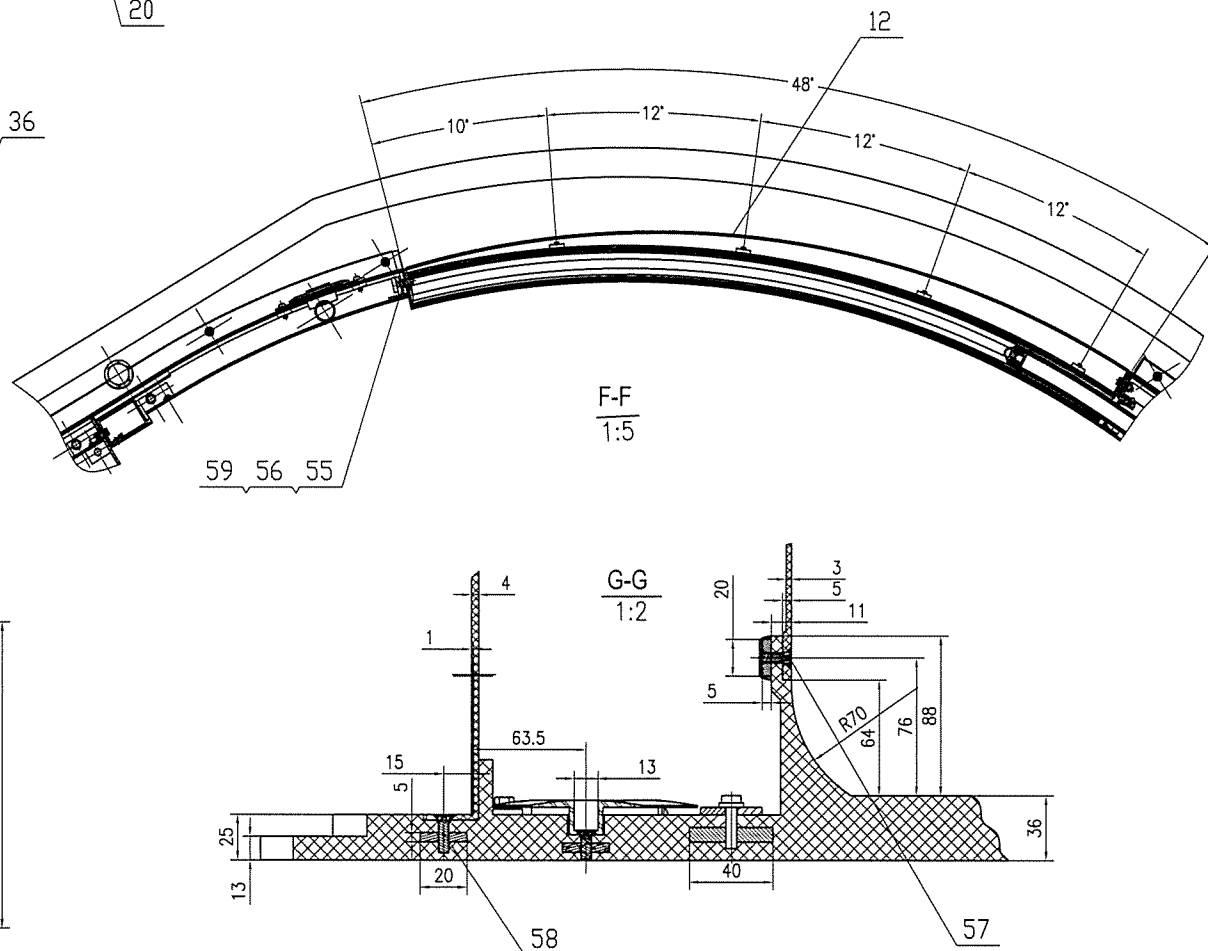
II
1:2



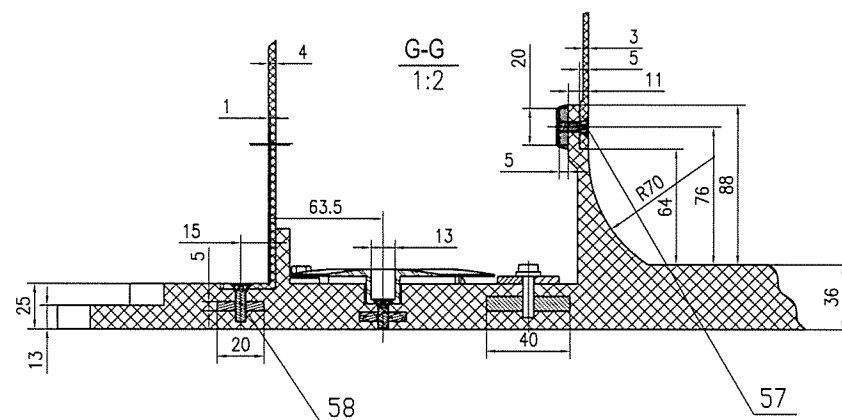
E-E旋转/ROTATE



F-F
1:5

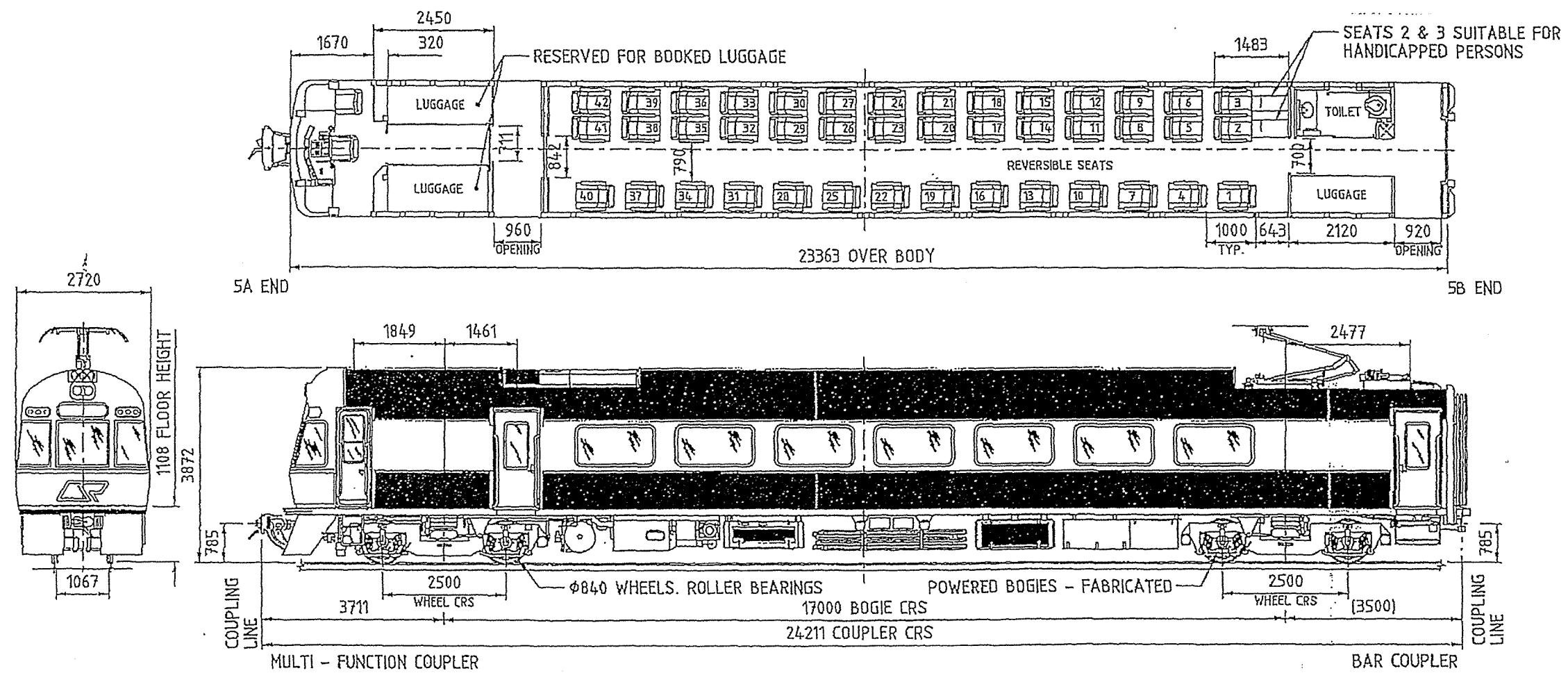


G-G
1:2

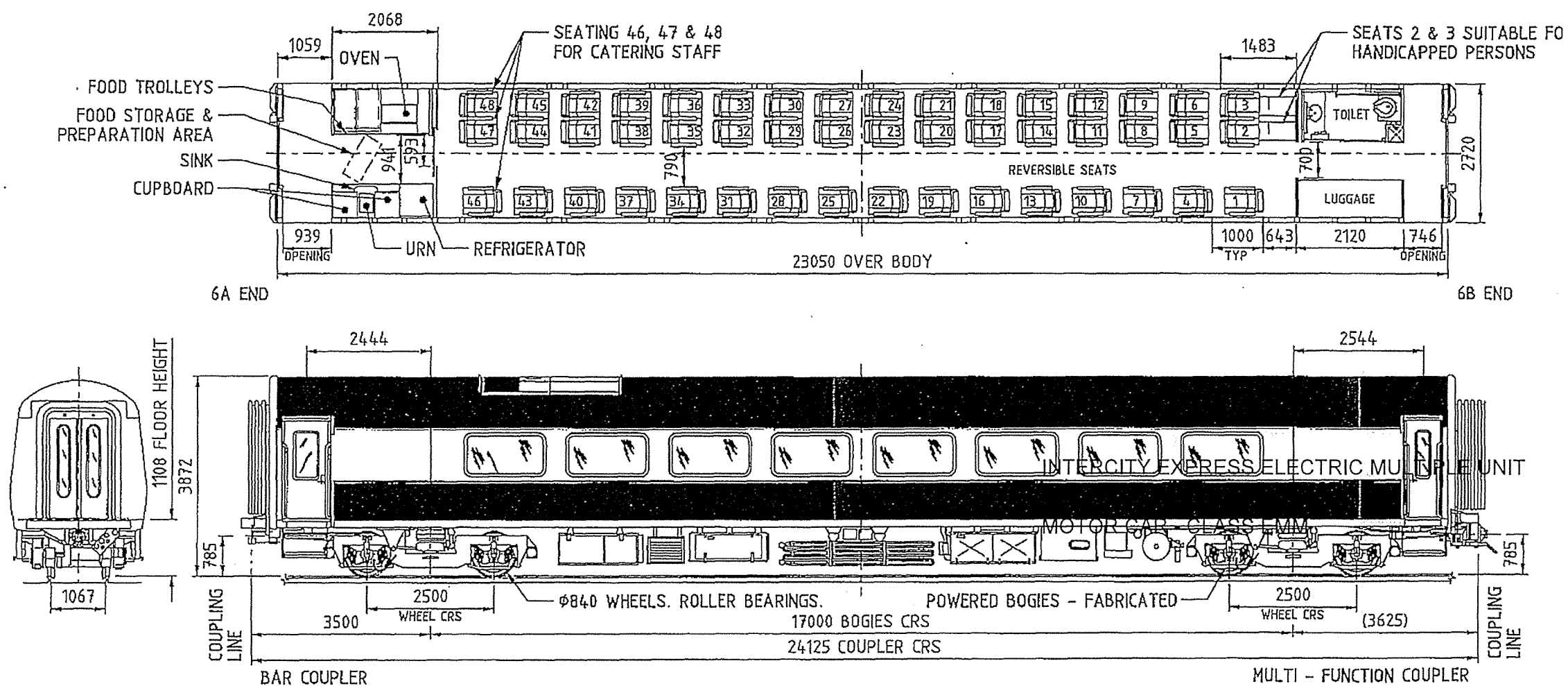


状态	项目	QR TOILET	ED1	Transportation Equipment Co., Ltd.
设计	曹海明	设计	曹海明	青岛欧特美交通设备有限公司
校核	曹海明	校核	曹海明	QR Toilet Module
审核	曹海明	审核	曹海明	QR 卫生间总成
工艺	曹海明	工艺	曹海明	UCW02-00-00-00
制图	曹海明	制图	曹海明	05

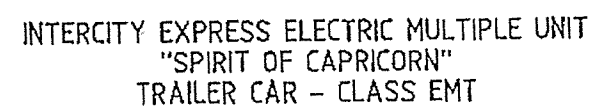
Intercity Express Electric Multiple Unit (ICE)



INTERCITY EXPRESS ELECTRIC MULTIPLE UNIT
 "SPIRIT OF CAPRICORN"
 DRIVER MOTOR CAR - CLASS EMD



INTERCITY EXPRESS ELECTRIC MULTIPLE UNIT
 "SPIRIT OF CAPRICORN"
 MOTOR CAR - CLASS EMM



INTERCITY EXPRESS ELECTRIC MULTIPLE UNIT
"SPIRIT OF CAPRICORN"
TRAILER CAR - CLASS EMT