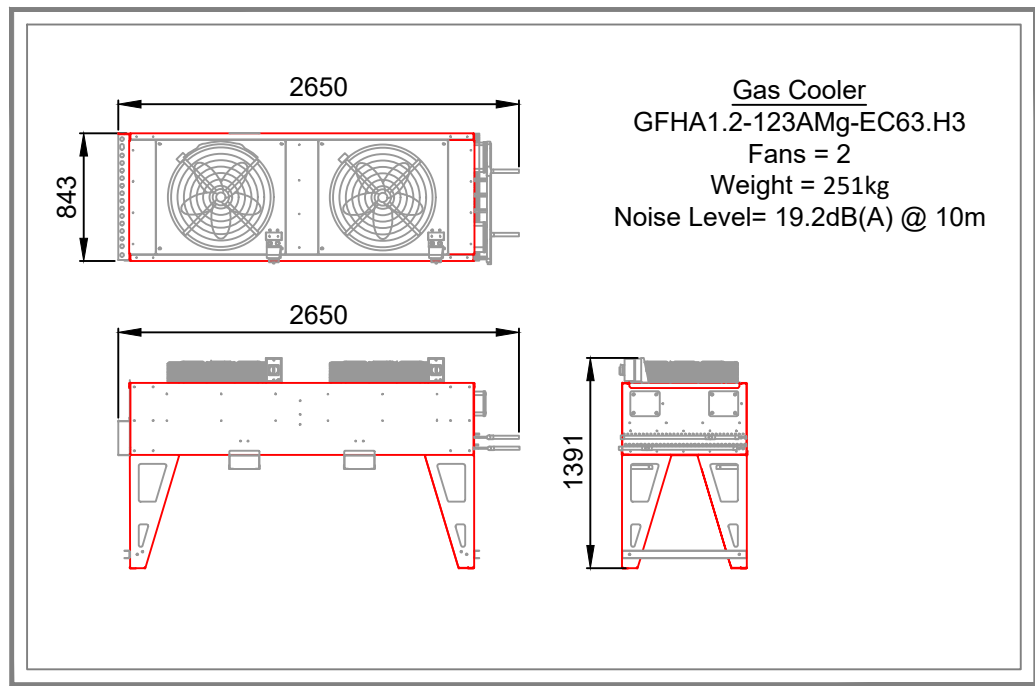
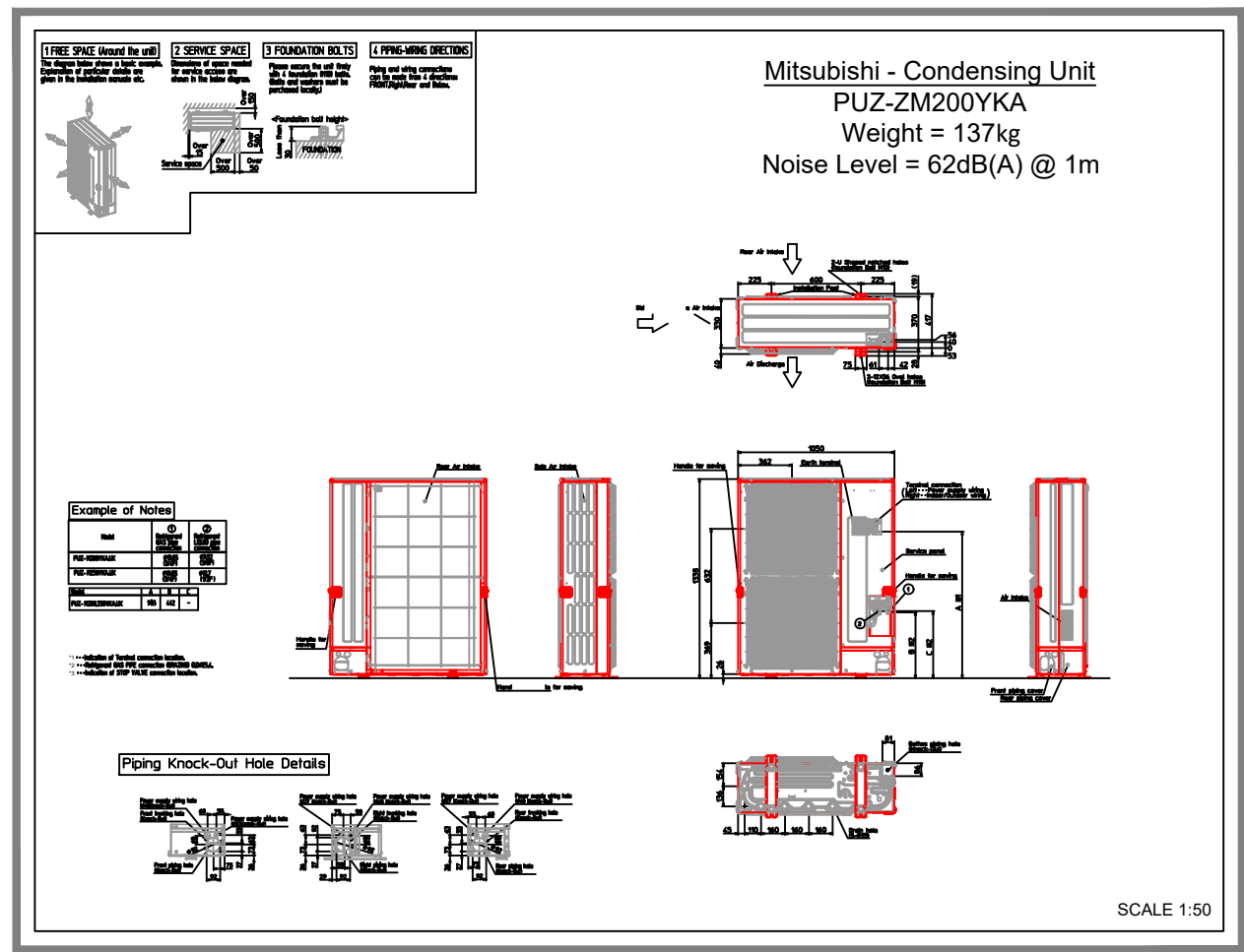
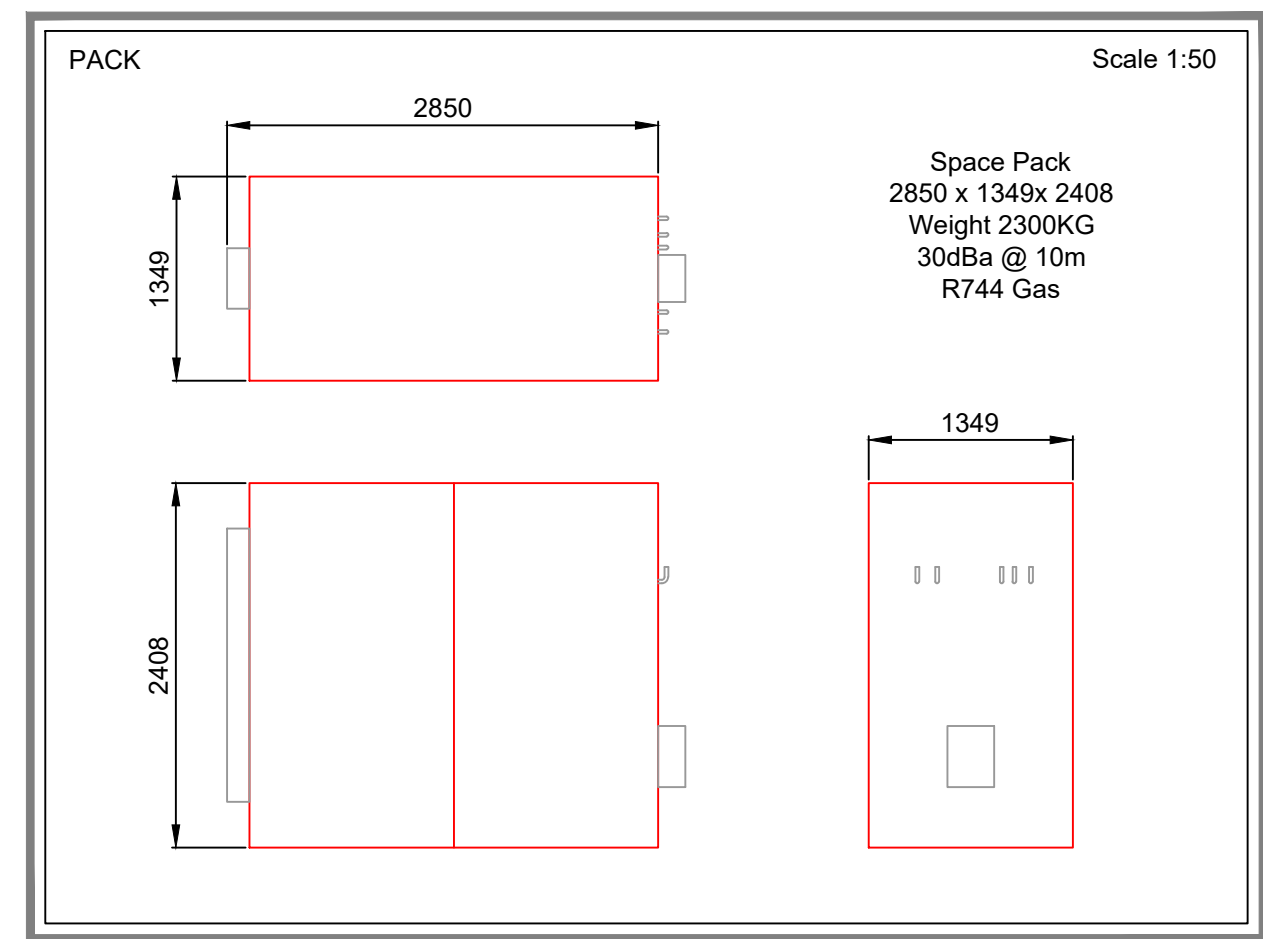
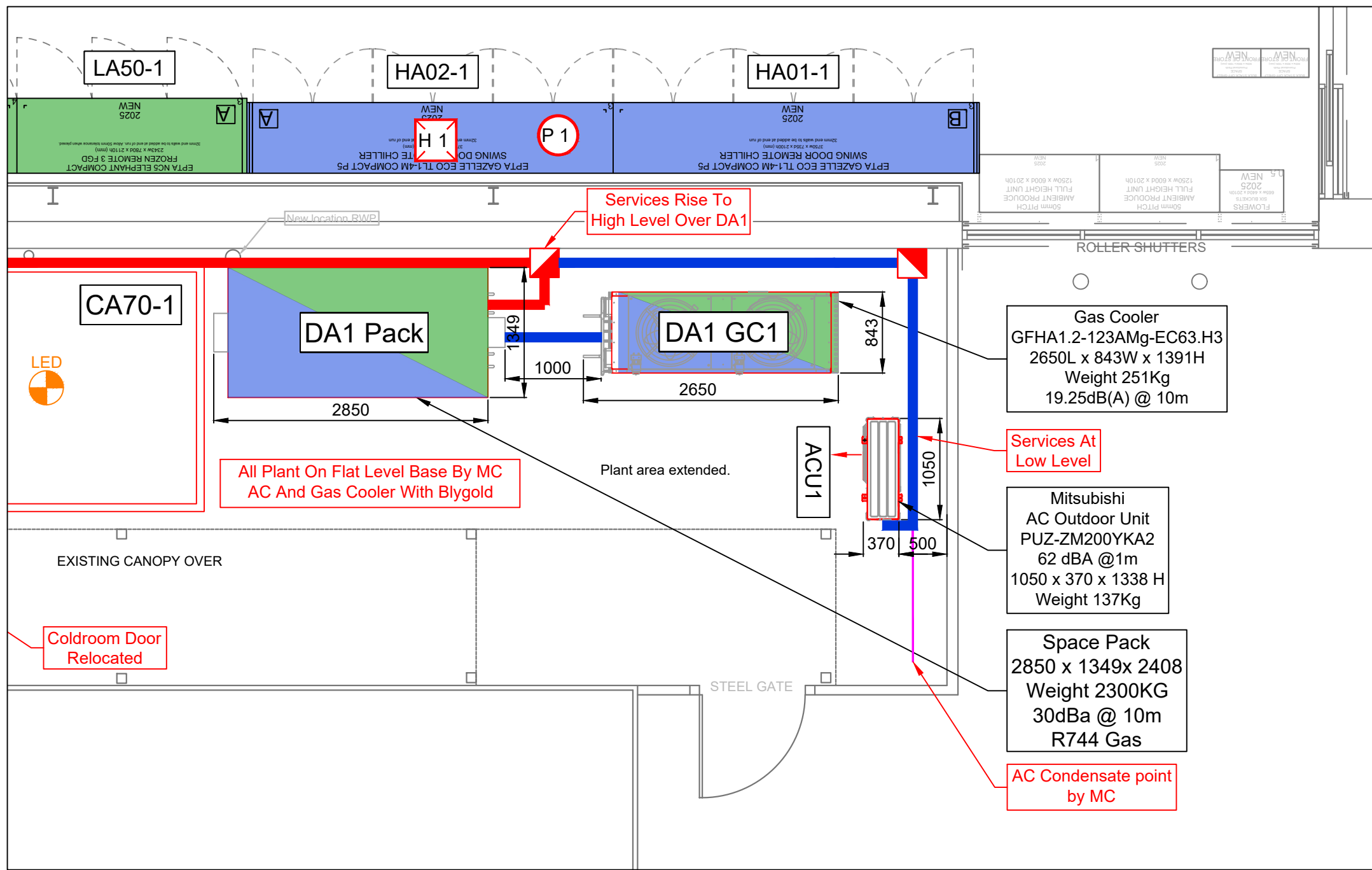




Refrigeration Pack DA1							Model:					Refrigerant					R744	
Pack ID	Compressor	New/ Reused	Manufacturer	SST°c	Capacity (Kw)	THR	Design Current (A)	FLA (A)	Power Input	PE(S)R Cat	Elect Supply (A)	Housed	Control type	dB(A) @10m	Weight Kg			
HA	2MTE-5K (VSD: 50hz)	New	Bitzer	-4°C	10	23.2	41	50	9.7	IV B+F	400v/3ph/50Hz	Yes	RDM	30	2300 (dry)			
	2MTE-5K																	
LA	2MME-07K (VSD: 57hz)	New	Bitzer	-29°C	3.5	23.2	41	50	9.7									
	2MME-07K																	
TOTAL Combined Duty					13.5													
Refrigeration Gas Cooler HA																		
Pack ID	Model	New/ Reused	Manufacturer	THR (Kw)	Ambient	Coil Material	Elec Supply (A)	Starting Current (A)	FLC Current (A)	Free Field level Day @10m (Fan Control Voltage)	Free Field level Night @10m (Fan Control Voltage)	Weight Kg						
DA1 GC1	GFHA1.2-123AMg-EC63.H3-750MM	New	C&C	33.3	35	Cu/AlMg	400v/3Ph/50-60Hz	2.3A	2x 1.6	19.2dB(A) 3.7v 365rpm	19.2dB(A) 3.7v 365rpm	251 (dry)						
Air Conditioning - Outdoor																		
A/C ID	Model	New/ Reused	Type	Location	MCB Rating (A)	Power Supply	FLC (A)	dB(A) @1m	Suction Tail	Liquid Tail	Dimensions (mm)			Weight				
ACU1	PUZ-ZM200YKA2	New	Condensing Unit	Plant Area	25	380-415 50Hz	22.5 (max)	62	1-1/8"	3/8"	Width	Depth	Height	137				
											1050	370	1338					

Notes/Legend

1. Do Not Scale.

2. Cabinet setting out dimensions are based on customer information.

3. All Dimensions are to be checked on site prior to installation.

4. Cabinet, Coldroom and Plant installers are to check site access prior to installation.

5. Refrigeration layout, pipework and drainage requirements are indicative only and subject to change to reflect updated layouts and on site conditions.

C/P

CPC Panel

TB

Test Button

SB

Refrigeration Distribution Board

PT

Personnel Trap Alarm Beacon. Mounted Centrally Above Coldroom Door

Sx CO2

= Sensor - CO2

SX

Sounder/Leak Detection Beacon

B SX

Leak Detection Beacon

Drops boxed by MC

Cold Room Drainage required (Single 50mm upstand) Service Penetration

Revision Details

Rev	-	21/05/25	Drawn/Checked	RHJ/MAJ
First Issue.				
Rev	A	09/06/25	Drawn/Checked	LCC/MAJ
GC1 and ACU1 re-positioned - services/ condensate revised to suit. Vermin trap added.				

Un-Controlled Document

Preliminary

Drawing No.	Rev	Scale (A2)
300200529187-R5	A	1:50

Client

Co-Op
Somerton Newport 2026 Refit

CR3 Plant
Layout

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