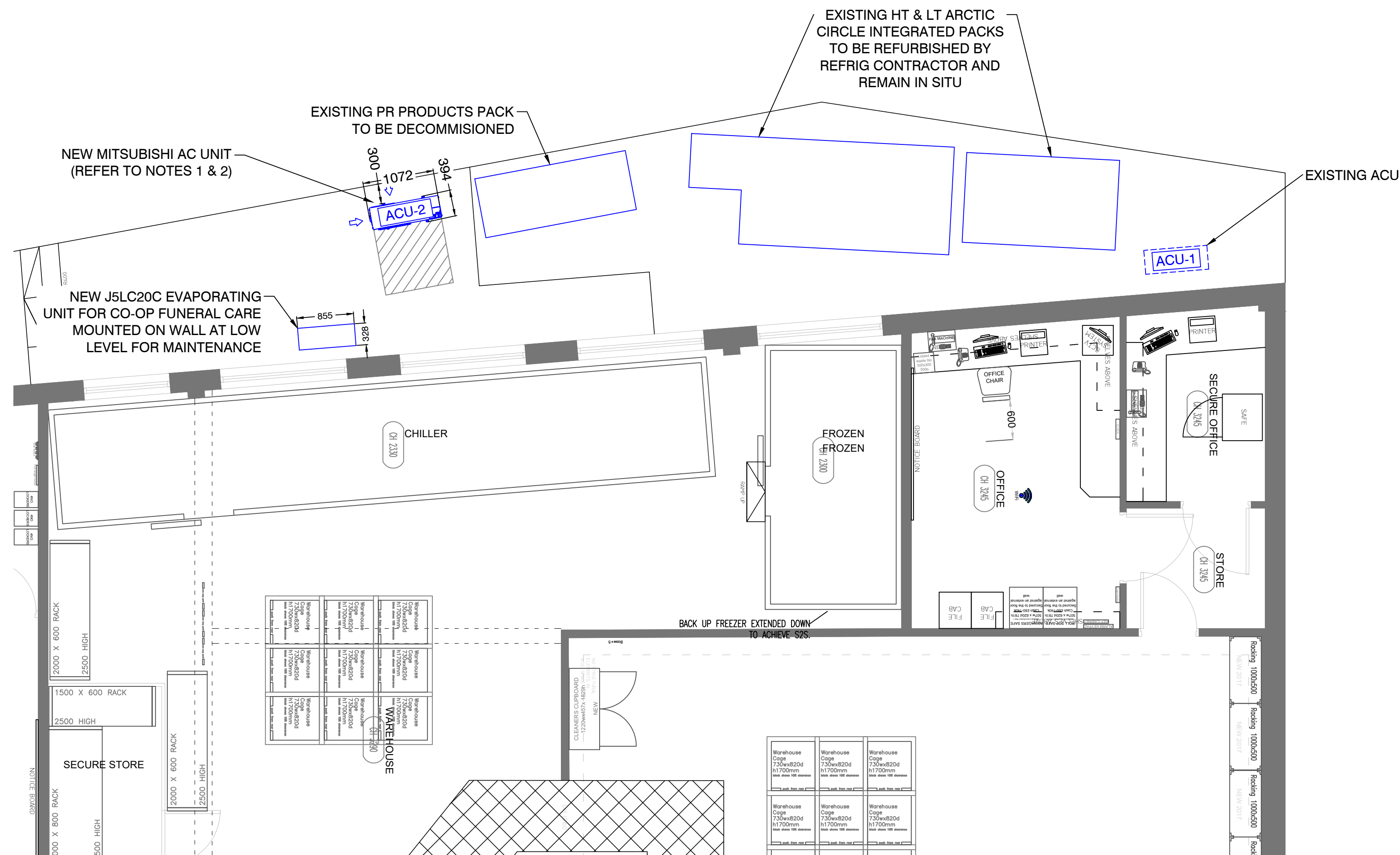


GROUND FLOOR PLAN - PLANT AREA

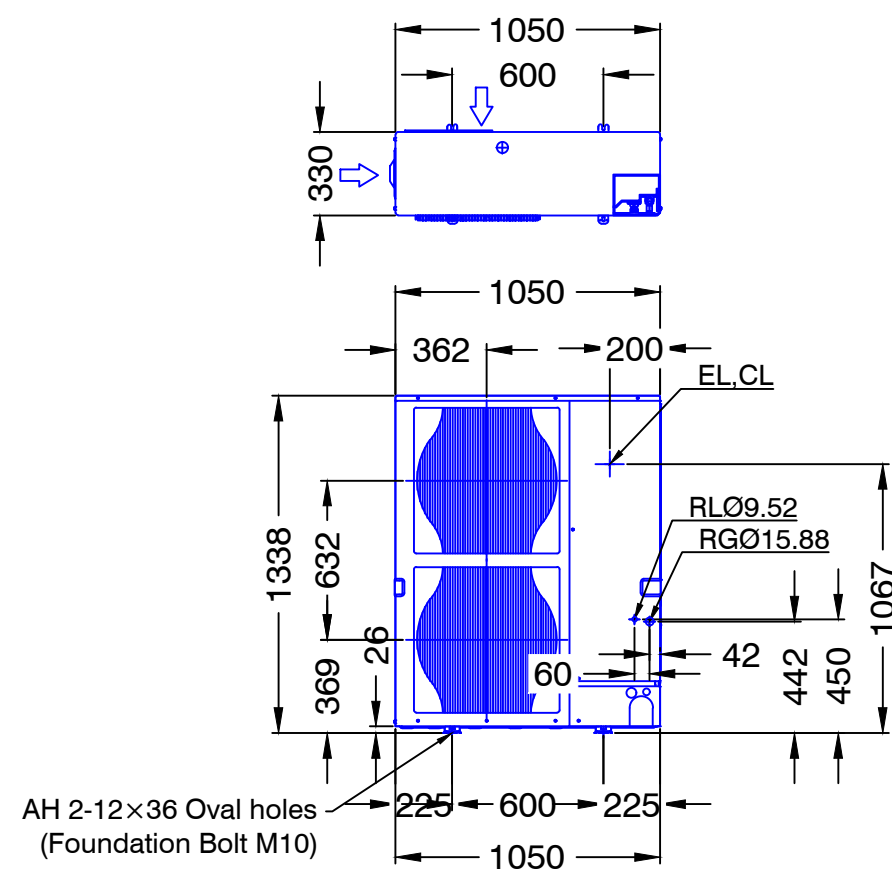


ARCTIC CIRCLE SELF-CONTAINED PACK				REFRIGERATION PACK SELECTION					PACK DETAILS					R407a
Reference	Compressor Model	Manufacturer	New/Exist	SST (°C)	Evap Capacity (kW)	THR (kW)	Design current (A/ph)	Full load Current (A/ph)	Electrical Connection	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Max dBA Rating @10m
HA1	91Q041	Copeland	EXISTING	-7	15.00	AS EXISTING	AS EXISTING	AS EXISTING	415v/3ph/50hz	3700	1500	2225	AS EXISTING	48
HA1	91Q041	Copeland	EXISTING	-7	15.00	AS EXISTING	AS EXISTING	AS EXISTING						
HA1	91Q041	Copeland	EXISTING	-7	15.00	AS EXISTING	AS EXISTING	AS EXISTING						
HA1	91Q041	Copeland	EXISTING	-7	15.00	AS EXISTING	AS EXISTING	AS EXISTING						
HT TOTALS					60.00	AS EXISTING	AS EXISTING	AS EXISTING						
LOW TEMPERATURE COMPRESSOR SELECTION														
LA1	ZF18K4E-TFD	Copeland	Existing	-31	3.83	7.71	6.75	12.50	415v/3ph/50hz	2000	1000	2000	AS EXISTING	AS EXISTING
LA1	ZF18K4E-TFD	Copeland	Existing	-31	3.83	7.71	6.75	12.50						
LA1	ZF18K4E-TFD	Copeland	Existing	-31	3.83	7.71	6.75	12.50						
LT TOTALS					11.49	23.13	20.25	37.50						

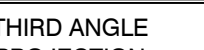
Air Conditioning - Selection Details													Refrigerant R410a			
Item (Sys-FCU)	Model	Make	New/Existing	Type	Position	Duty - Cooling (kW)	Duty - Heating (kW)	MCB Rating	Electrical Connections	FLA	Weight (kgs)	Refrigerant weight (kg)	Tail Sizes (S&L)	Dimensions (L x W x H)	Pipe / Fin Material	Noise dBA @1m
ACU-1	PUHZ-P140VHA3	Mitsubishi	Existing	Outdoor Unit	Plant	4.43	4.43	40	230v, 50Hz, 1ph	29.5	99	4.5	-	950 x 360 x 1350		56
ACU-2	PUHZ-ZRP140YKA2	Mitsubishi	New	Outdoor unit	Plant	-	-	16	380-415v, 50Hz	8.09	131	5	5/8", 3/8"	1050 x 330 x 1338		52

* FBOU (Fed by outdoor unit)

FUNERAL CARE PLANT EQUIPMENT											Refrigerant: 410A		
MODEL	COOLING CAPACITY @ 10°C (KW)	UNIT AIRFLOW (M³/H)	NOISE LEVEL (@10M dBA)	PIPE SIZES (SECTION X LIQUID) INCHES	MAXIMUM PIPE RUN / RISE(M)	POWER SUPPLY (V/Ph/Hz)	FULL LOAD CURRENT (AMPS)	LRA (AMPS)	POWER TO	INTER CONNECTING CABLE	FUSE RATING (AMPS)	DIMENSIONS (L x W x H)	WEIGHT (KG)
J5LC20C	4.14	2208	29	1/2" X 1/4"	25 / 8.0	230/1/50	7.70	27.00	INDOOR	3 CORE	20		57



MITSUBISHI A/C OUTDOOR UNIT
(PUHZ-ZRP140VKA2)
SCALE 1:30

  abgroup.com	AB Group - Head Office Bank Chambers, 2 Church Street, Reigate, Surrey, RH2 0AN. Tel: 0333 9000 180 abgroup.com AB Group - Northern Office Fourways House, 57 Hilton Street, Manchester, M1 2EJ. Tel: 0333 9000 180 abgroup.com SCALE1:50 10002000 DO NOT SCALE THIRD ANGLE PROJECTION 	LEGEND HA01-1 FIXTURE NUMBER	1. SMOOTH AND LEVEL BASE CONCRETE PLINTH REQUIRED FOR REFRIGERATION PLANT AND AC OUTDOOR UNITS - TO BE PROVIDED BY THE BUILDER. 2. AC UNIT - REQUIRED TO BE MOUNTED ON SUITABLE ANTI-VIBRATION PAD. 3. NEW AND EXISTING PLANT EQUIPMENT LOCATIONS ARE INDICATIVE ONLY. FINAL POSITION CONFIRMED AFTER COMPREHENSIVE SITE SURVEY	PRELIMINARY 03 Added condenser for co-op funeral care. RS 06.07.17 02 New asset plan, table updated & plant area changed. RA 03.07.17 01 Store layout revised to reflect P2F3M0 BSD 09.01.17 00 Preliminary Issue. RS 07.09.16 Notes Revision Details Drawn Date	Site Address: The Co-Op - (Refit) 26 Market St Penistone, Sheffield Drawing Title: PROPOSED REFRIGERATION PLANT LAYOUT. Consultant: D.Barnes Design Engineer: J.Hill Date: 07.09.16 Drawn By: RS Checked By: R.Staniforth Drawing No: CR3 Revision: 03 Scale: 1:50@A1 Contract No: QR C2096 Derived File: P3F6M0
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