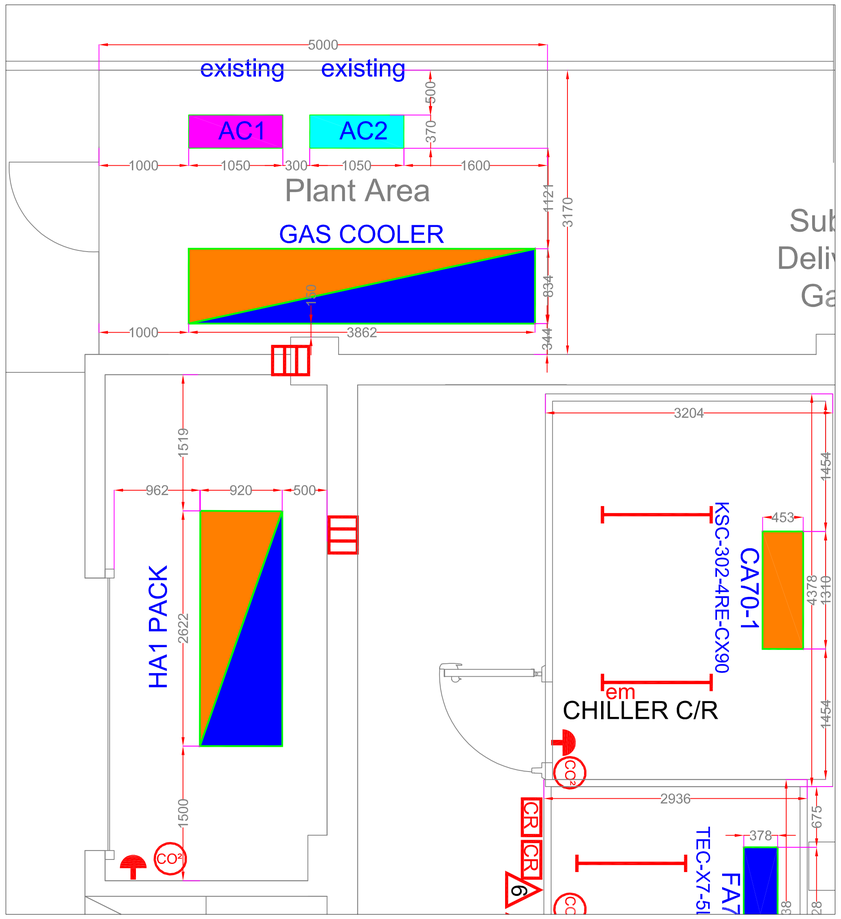
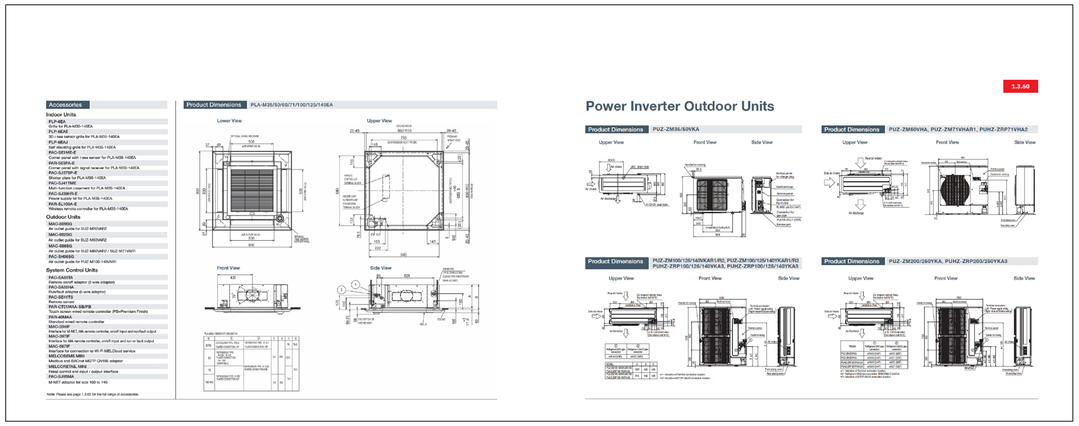


PLANT LAYOUT



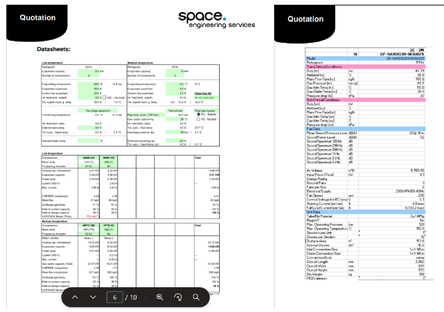
AC DETAILS - PLA M100EA2

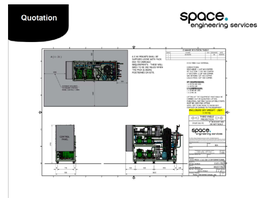
AC DETAILS - PUZ-M200YKA

CO-OP WHALLEY
2C-2M INT
ECO2 MINI I 2x2

Quote ID:	Q2308-v2
Customer:	Co-op
Requested By:	Tom Horrigan
Date:	18/12/2024
Completed by:	William Taylor







PLANT DETAILS

PACK REF	NEW / EXISTING	MANUFACTURER	MODEL	REFRIGERANT	TOTAL SYSTEM REFRIGERANT (kg)	RECIEVER VOLUME (ltrs)	HT / LT CAPACITY kW @ -4/-29 SST	COMPRESSOR No.	COMPRESSOR MODEL	PACK DESIGN RUN CURRENT (AMPS)	MAX LOAD CURRENT (AMPS)	SUPPLY VOLTAGE	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	WEIGHT (kg)	SOUND PRESSURE LEVEL DAY TIME dBA @ 10m	SOUND PRESSURE LEVEL NIGHT TIME dBA @ 10m
DA PACK	NEW	SPACE ENGINEERING	2C-2M INT ECO2 MINI I 2x2	R744	TBC	49	15.9 / 5.5	4	1 x 4MTE-10K, 1 x 4PTE-6K & 2 x 2MME-07K	41	50	415	2622	920	1765	1150	50	50
DA GAS COOLER	NEW	KELVION	GF-SA103G3H-063U029-750MM	R744	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3862	834	972	190	20	20

AIR CONDITIONING DETAILS

AC REFERENCE	NEW / EXISTING	MANUFACTURER	MODEL	TYPE	REFRIGERANT	DUTY UK HEATING (kW)	DUTY UK COOLING (kW)	MCB RATING (AMPS)	ELECTRICAL SUPPLY	FLA (AMPS)	WEIGHT (kg)	REGRIGERANT CHARGE (kg)	PIPE SIZES (SUCTION / LIQUID)	PIPE LENGTHS (m)	DIMENSIONS (mm) W x D x H	SOUND PRESSURE LEVEL dBA @ 1m
AC1	EXISTING	MITSUBISHI	PUZ-M200YKA	OUTDOOR	R32	22.4	19	32	415	22.5	129	TBC	1-1/8 x 3/8	TBC	1050 x 370 x 1338	60
AC1-01	EXISTING	MITSUBISHI	PLA-M100EA2	INDOOR CASSETTE	R32	9.63	8.65	6	N/A	N/A	29	N/A	5/8 x 3/8	TBC	840 x 840 x 298	40
AC1-02	EXISTING	MITSUBISHI	PLA-M100EA2	INDOOR CASSETTE	R32	9.63	8.65	6	N/A	N/A	29	N/A	5/8 x 3/8	TBC	840 x 840 x 298	40
AC2	EXISTING	MITSUBISHI	PUZ-M200YKA	OUTDOOR	R32	22.4	19	32	415	22.5	129	TBC	1-1/8 x 3/8	TBC	1050 x 370 x 1338	60
AC2-01	EXISTING	MITSUBISHI	PLA-M100EA2	INDOOR CASSETTE	R32	9.63	8.65	6	N/A	N/A	29	N/A	5/8 x 3/8	TBC	840 x 840 x 298	40
AC2-02	EXISTING	MITSUBISHI	PLA-M100EA2	INDOOR CASSETTE	R32	9.63	8.65	6	N/A	N/A	29	N/A	5/8 x 3/8	TBC	840 x 840 x 298	40

COMPRESSOR SELECTION, PACK, RECEIVER & AIRCON DETAILS

TBC UPON INSTALLATION

MANUFACTURERS P&ID

ALL DRAWINGS MUST BE CHECKED REGARDING DIMENSIONS & LAYOUT ANY DISCREPANCIES ARE TO BE REPORTED TO THE PROJECT MANAGER FOR REVIEW PRIOR TO COMMENCEMENT OF WORK ON SITE

DO NOT SCALE

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THIS DRAWING IS BASED ON:-

P2F7

KEY LEGEND:

- HA1
- LA1
- DA1
- AC1
- AC2
- AC3
- AC4
- COND UNIT TO BE HATCHED (COLOUR SITE SPECIFIC)
- INTEGRALS
- DRAIN POINTS
- SOCKET OUTLET
- ROOF PENETRATIONS
- COLDROOM LIGHTS
- FLOOR PENETRATIONS
- COLDROOM PANEL
- SERVICE COLUMNS
- Co2 SENSOR & BEACON
- WALL PENETRATIONS
- PRV VENT LINE
- SUMP PUMP
- AQUA MAT
- COLDROOM PUSH BUTTON

TESTING PRESSURES:

HIGH SIDE - 132 bar
LOW SIDE - 66 bar

DESIGN DRAWING TYPE:	*RE-FIT*
DESIGN DRAWING SIGNED OFF BY:	*T HORRIGAN*

AS FITTED DRAWING DATE:	*Date*
AS FITTED SIGNED OFF BY:	*Signature*

FOR APPROVAL CE

REV	DESCRIPTION	DATE
*	*	*

Drawn By: JH

city BUILDING ENGINEERING SERVICES

CBES Ltd
UNIT 1B
LEA GREEN BUSINESS PARK
EUROLINK, St HELENS
WA9 4TR
TELEPHONE: 01744 762 400
FAX: 01744 810 286

SITE:
COOP WHALLEY RANGE

TITLE:
CR3
PLANT LAYOUT

SCALE:	DATE:
NTS	JAN 2025
DRG SIZE: A1	PROJECT NO: PJ0

DRAWING NUMBER: CR3-CBES-WHALLEY

REV.: *