NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL CONSTRUCTION ISSUED PROJECT INFORMATION - DRAWINGS, REPORTS, SPECIFICATIONS & CONTRACTORS PROPOSAL PACK.
2. ALL EQUIPMENT MUST BE INSTALLED IN LINE WITH THE MANUFACTURERS RECOMMENDATIONS.

NEW AIR-CONDITIONING SYSTEMS

System 1 - Ground Floor

REF	Description	Location	Make	Model	Duty [Nominal cooling/ heating (kW)]		Size [H x W x D] mm	Weight kg	Control	Electrical
AC/DX/00/01	DX AC Unit	Office Space	Mitsubishi	PEAD-M32JA2	3.6	4.1	250 x 900 x 732	25	Local Controller / Central Controller	Fed from Outdoor Unit
OU/DX/00/01	Outdoor Unit	External	Mitsubishi	PUZ-ZM35VKA2	3.6	4.1	630 x 809 x 300	46	Central Controller	240V / 1ph / 16 Amp

System 2 - Ground Floor

REF	Description	Location	Make	Model	Duty [Nominal cooling/ heating (kW)]		Size [H x W x D] mm	Weight kg	Control	Electrical
AC/DX/00/02	Ceiling Concealed Ducted	Gym	Mitsubishi	PEAD-M50JA2	5.0	6.0	250 x 732 x 1100	27	Local Controller / Central Controller	Fed from Outdoor Unit
AC/DX/00/03	Ceiling Concealed Ducted	Gym	Mitsubishi	PEAD-M50JA2	5.0	6.0	250 x 732 x 1100	27	Local Controller / Central Controller	Fed from Outdoor Unit
OU/DX/00/02	Outdoor Unit	External	Mitsubishi	PUZ-ZM100VKA2	10.0	12.0	1338 x 1050 x 330	206	Central Controller	240V / 1ph / 32 Amp

System 3 - Ground Floor

REF	Description	Location	Make	Model	Duty [Nominal cooling/ heating (kW)]		Size [H x W x D] mm	Weight kg	Control	Electrical
AC/00/01	Ceiling Concealed Ducted	Lounge / Bar ./ Social	Mitsubishi	PEFY-M25VMA-A1	3.8	3.2	250 x 700 x 732	21	Local Controller / Central Controller	240V / 1ph / 6 Amp
AC/00/02	Ceiling Concealed Ducted	Lounge / Bar ./ Social	Mitsubishi	PEFY-M25VMA-A1	3.8	3.2	250 x 700 x 732	21	Local Controller / Central Controller	240V / 1ph / 6 Amp
AC/00/03	Ceiling Concealed Ducted	Treatment Room	Mitsubishi	PEFY-M25VMA-A1	3.8	3.2	250 x 700 x 732	21	Local Controller / Central Controller	240V / 1ph / 6 Amp
AC/00/04	Ceiling Concealed Ducted	Managers Office	Mitsubishi	PEFY-M25VMA-A1	3.8	3.2	250 x 700 x 732	21	Local Controller / Central Controller	240V / 1ph / 6 Amp
AC/00/05	Mini VRF Heat Pump	External	Mitsubishi	PUMY-P200YKM3	22.4	25.0	1662 x 1050 x 460 + 45	192	Central Controller	240V / 1ph / 6 Amp

Radiator Schedule

REF	Description	Location	Make	Model	Duty (kW)	Size [H x W x D] mm	Weight kg	Control	Electrical
RD/B1/01	Wall Mounted Radiator	Wet Room / Shower Room	Stelrad	Compact Flat 81602210h - Type K2 White	2	600 x 1200	48	TMV	N/A
TR/B1/01	Wall Mounted Hot Towel Railing	Dry room	Stelrad	Towel Radiator 147005h - Chrome	1.0	1744 x 600	16.8	TMV	N/A
TR/B1/02	Wall Mounted Hot Towel Railing	Dry room	Stelrad	Towel Radiator 147005h - Chrome	1.0	1744 x 600	16.8	TMV	N/A
TR/B1/03	Wall Mounted Hot Towel Railing	Dry room	Stelrad	Towel Radiator 147005h - Chrome	1.0	1744 x 600	16.8	TMV	N/A

Heater Battery

REF	Description	Location	Make	Model	Duty	Size [H x W x D] mm	Weight kg	Control	Electrical
HB/B1/01	HRU/01/01 Pre-heater	HRU/B1/01	Neatafan	TC8	3kW	500x250	8	Local Thermistor	230v/ 1ph / 20A

Extract Fan

REF	Description	Location	Make	Model	Duty (L/s)	Size [H x W x D] mm	Weight kg	Control	Electrical
EF/B1/01	In-Line Extract Fan	Changing space	Vent-Axia	ACM200	60	276 x 300 x 223	TBC	PIR	220-240V/1/50Hz

DIFFUSER SCHEDULE

Supply

REF	Description	Location	Make	Model	Duty (l/s)	Grille Size inc. flange (mm)	Plenum Size (mm)	Spigot Size (mm) per plenum	Colour
SG/B1/01	4 Way Diffuser	Breakout Room	GDL	E4420+6B	40	595 x 595	TBC (side entry)	200Ø	RAL9010 White
DSG/B1/01	Supply Grille	Dry Room	GDL	S36S0+1C	20	400 x 400	TBC (side entry)	200Ø	RAL9010 White

Extract

REF	Description	Location	Make	Model	Duty (l/s)	Grille Size (mm)	Plenum Size (mm)	Spigot Size (mm)	Colour
EG/B1/01	4 Way Diffuser	Breakout Room	GDL	E4400+6B	40	595 x 595	Transfer Grille	Transfer Grille	RAL9010 White

Dirty Extract Grilles

REF	Description	Location	Make	Model	Duty (l/s)	Grille Size (mm)	Plenum Size (mm)	Spigot Size (mm)	Colour
DEG/00/01	Dirty Extract Grille	GF Shower	GDL	96E00+1B	20	125Ø	TBC (side entry)	125Ø	RAL9010 White
DEG/00/02	Dirty Extract Grille	GF Shower	GDL	96E00+1B	20	125Ø	TBC (side entry)	125Ø	RAL9010 White
DEG/B1/01	Dirty Extract Grille	Basement Showers	GDL	96E00+1B	20	450 x 450	TBC (side entry)	150Ø	RAL9010 White
DEG/B1/02	Dirty Extract Grille	Basement Showers	GDL	96E00+1B	20	450 x 450	TBC (side entry)	200Ø	RAL9010 White
DEG/B1/03	Dirty Extract Grille	Dry Room	GDL	S36S0+1C	30	400 x 400	TBC (side entry)	200Ø	RAL9010 White

Domestic Services Schedule

Water Heaters

Ref	Make	Model	Type	Storage Capacity (Litres)	Location	Dimensions (H x W x D) mm	Electrical Information	Additional Information
WH/00/01	Zip	Aquapoint III	AP3/15/UB	15	Treatment Room- Underbasin - Ground Floor	480 x 350 x 310	230/1/13 AMP	Installation to include for Pressure reducing valve, check valve, expansion relief valve, expansion vessel & 1No drain to tundish. Water Heater to be set to 60°.
HT/00/01	Zip	Zip Hydrotap Classic	G5 Classic	5	Lounge/Bar/Social - Ground Floor	333 x 280 x 313	1/13 AMP	-
WH/B1/01	Zip	Aquapoint III	AP3/15/UB	15	Breakout Room Basement	480 x 350 x 310	230/1/13 AMP	Installation to include for Pressure reducing valve, check valve, expansion relief valve, expansion vessel & 1No drain to tundish. Water Heater to be set to 60°.
WH/B1/02	Zip	Aquapoint III	AP3/15/UB	15	Wet Room / Shower Room	480 x 350 x 310	230/1/13 AMP	Installation to include for Pressure reducing valve, check valve, expansion relief valve, expansion vessel & 1No drain to tundish. Water Heater to be set to 60°.

Drainage Pumps

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Ref	Make	Model	Type	Storage Capacity (Litres)	Location	Dimensions (H x W x D) mm	Electrical Information	Additional Information
DU/B1/01	Grundfos	SoloLift 2	C-3	3l/s	Breakout Room Basement	400 x 339.2 x 158.2	220-240V/50Hz	-
DU/B1/02	Grundfos	SoloLift 2	C-3	3l/s	Wet Room / Shower Room	400 x 339.2 x 158.2	220-240V/50Hz	-
DU/B1/03	Grundfos	SoloLift 2	C-3	3l/s	Wet Room WC	400 x 339.2 x 158.2	220-240V/50Hz	-
DU/B1/04	Grundfos	SoloLift 2	C-3	3l/s	Dry Room	400 x 339.2 x 158.2	220-240V/50Hz	-

Showers and Trays

Ref	Make	Model	Type	Location	Colour	Accessories	Additional Information
SH/00/01	Mira Showers	Mira Sport 7.5kW	Wall Mount	Ground Floor Shower	Chrome	N/A	-
SH/00/02	Mira Showers	Mira Sport 7.5kW	Wall Mount	Ground Floor Shower	Chrome	N/A	-

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CONTRACTORS PROPOSAL

DL PROJECT No C/24/4270

PROJECT
ARKWRIGHT HOUSE
MANCHESTER
M3 2LF

Claremont

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SCALE NTS @ A1 DATE DECEMBER 2025

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