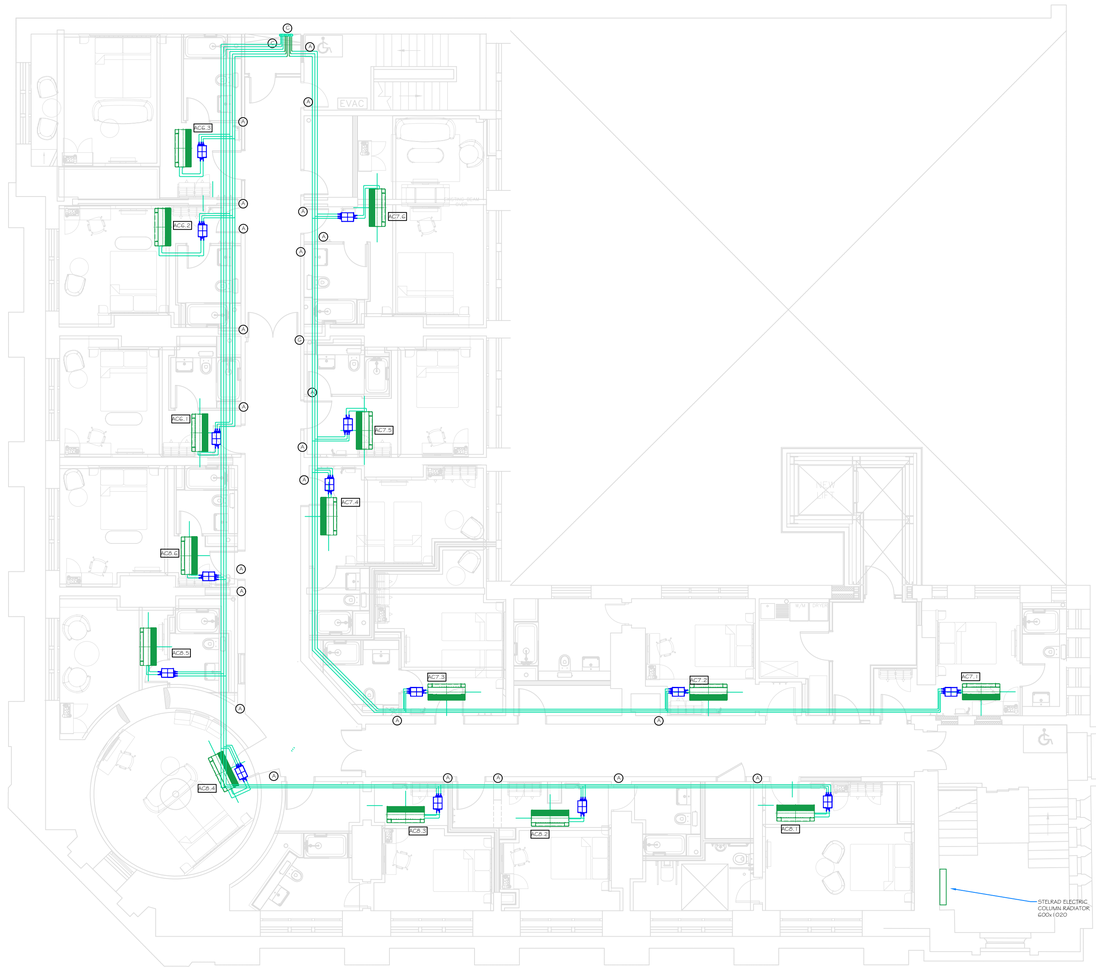

NOTE:

1. ALL AC PIPEWORK IS COPPER
2. ALL PIPEWORK WILL BE ENCLOSED IN 13mm WALL THICKNESS CLASS O ELASTOMERIC INSUALTION, CLOSED-CELL NITRILE RUBBER

DETAIL	BUILDERS WORK OPENING:
A	1 PIPE = 16mm PER PIPE. 1 PIPE = 13mm PER PIPE. 1 PIPE = 9.5mm PER PIPE. Opening : 150mmWx100mmH
B	8 PIPES = 19mm PER PIPE. 8 PIPES = 16mm PER PIPE. 8 PIPES = 13mm PER PIPE. Opening : 1100mmWx100mmH
C	4 PIPES = 19mm PER PIPE. 4 PIPES = 16mm PER PIPE. 4 PIPES = 13mm PER PIPE. Opening : 600mmWx100mmH
D	2 PIPES = 19mm PER PIPE 3 PIPES = 16mm PER PIPE. 3 PIPES = 13mm PER PIPE. 1 PIPE = 9.5mm PER PIPE. Opening : 450mmWx100mmH
E	2 PIPES = 16mm PER PIPE. 2 PIPES = 13mm PER PIPE. 2 PIPES = 9.5mm PER PIPE. Opening : 300mmWx100mmH
F	1 PIPE = 19mm PER PIPE. 1 PIPE = 16mm PER PIPE. 1 PIPE = 13mm PER PIPE. Opening : 150mmWx100mmH
G	3 PIPES = 19mm PER PIPE. 3 PIPES = 16mm PER PIPE. 3 PIPES = 13mm PER PIPE. Opening : 450mmWx100mmH
H	3 PIPES = 19mm PER PIPE. 4 PIPES = 16mm PER PIPE. 4 PIPES = 13mm PER PIPE. 1 PIPE = 9.5mm PER PIPE. Opening : 600mmWx100mmH

- **THIS DRAWING MUST NOT BE SCALED AND ALL DIMENSIONS ARE TO BE CHECKED ON SITE BEFORE WORK IS COMMENCED.**
- **FOR SETTING OUT DETAILS PLEASE SEE ARCHITECTS DRAWINGS.**
- **ANY DISCREPANCIES ARE TO BE REPORTED IMMEDIATELY TO THE CONSULTANTS.**
- **ALL INFORMATION SHOWN ON THE DRAWING IS SUBJECT TO OBTAINING THE NECESSARY STATUTORY CONSENTS.**

THIS DRAWING TO BE READ IN CONJUNCTION WITH THE FOLLOWING:-

1. ALL PIPEWORK TO BE CROSS BONDED IN ACCORDANCE WITH BS7671
2. AC PIPEWORK IN VOIDS/RISERS/BOXING SHALL BE THERMALLY INSULATED AND PRESSURE TESTED PRIOR TO SEALING IN
3. ALL PRESSURE TESTING TO BE WITNESS, TEST PRESSURE TO BE 1.5 TIME OPERATING PRESSURE AND HELD FOR 6 HOURS. ANY RE-TEST TO BE AS ABOVE.
4. SYSTEMS ARE ALL TO BE TRIPLE VACUUMED
5. COMMISSIONING TO BE BY THE MANUFACTURER / DISTRIBUTOR
6. GRAVITY CONDENSATE 20MM TO ALL INDOOR UNITS WITH INLINE DRY TRAP IN VERTICAL LOCATION - TO BE RUN TO BATHROOM DRAINAGE
7. SPECIAL ATTENTION TO CO-ORDINATION WITH OTHER SERVICES DUE TO LIMITED VOID SPACE
8. CEILING ACCESS DOOR NUMBERS AND LOCATIONS TO BE CONFIRMED BY INSTALLER
9. ALL SERVICES SHALL BE IDENTIFIED IN ACCORDANCE WITH BS1710:2014.
10. ALL PIPEWORK PASSING THROUGH FIRE BARRIERS SHALL BE PROTECTED TO THE APPROPRIATE STANDARD
11. WALL CONTROLLER LOCATIONS TO ARCHITECT DRAWING.
12. SEASONAL COMMISSIONING BY THE MANUFACTURER / DISTRIBUTOR TO BE INCLUDED FOR BREEAM
13. SERVICING TO BE BASED ON TWO VISIT POST PC
14. OXYGEN FREE NITROGEN TO BE USED WHEN BRAISING PIPEWORK
15. CENTRALISED CONTROLLER FOR OVERALL SETUP - LOCATED AT SIDE OF RECEPTION

REV	DATE	DESCRIPTION	DRW	ENG
P01	03.11.2025	FIRST ISSUE	PD	PD
P02	11.11.2025	PIPE SIZE DETAIL ADDED	JC	JC
P03	15.11.2025	TENDER ISSUE	PD	PD
P04	22.12.2025	TENDER ISSUE UPDATE	PD	PD

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Client
MITCHELLS & BUTLERS Plc

BMT Project No. / Project Region
B3322 / IKC MANCHESTER

Project Address
INNKEEPERS COLLECTION
1-4 YORK STREET (BROWNS)
MANCHESTER

Drawing Title
MECHANICAL INSTALLATION AC FOURTH FLOOR

Job No.	Originator	Zone	Level	Type	Role
B3322	BMT	ZZ	04	DR	M

System Classification	Drawing No.	Suitability	Revision
Ss_60_40_17_71-2040		D2	P04

Drawn	Engineer	Date	Scale	Size
PD	PD	03.11.2025	1:100	A1

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