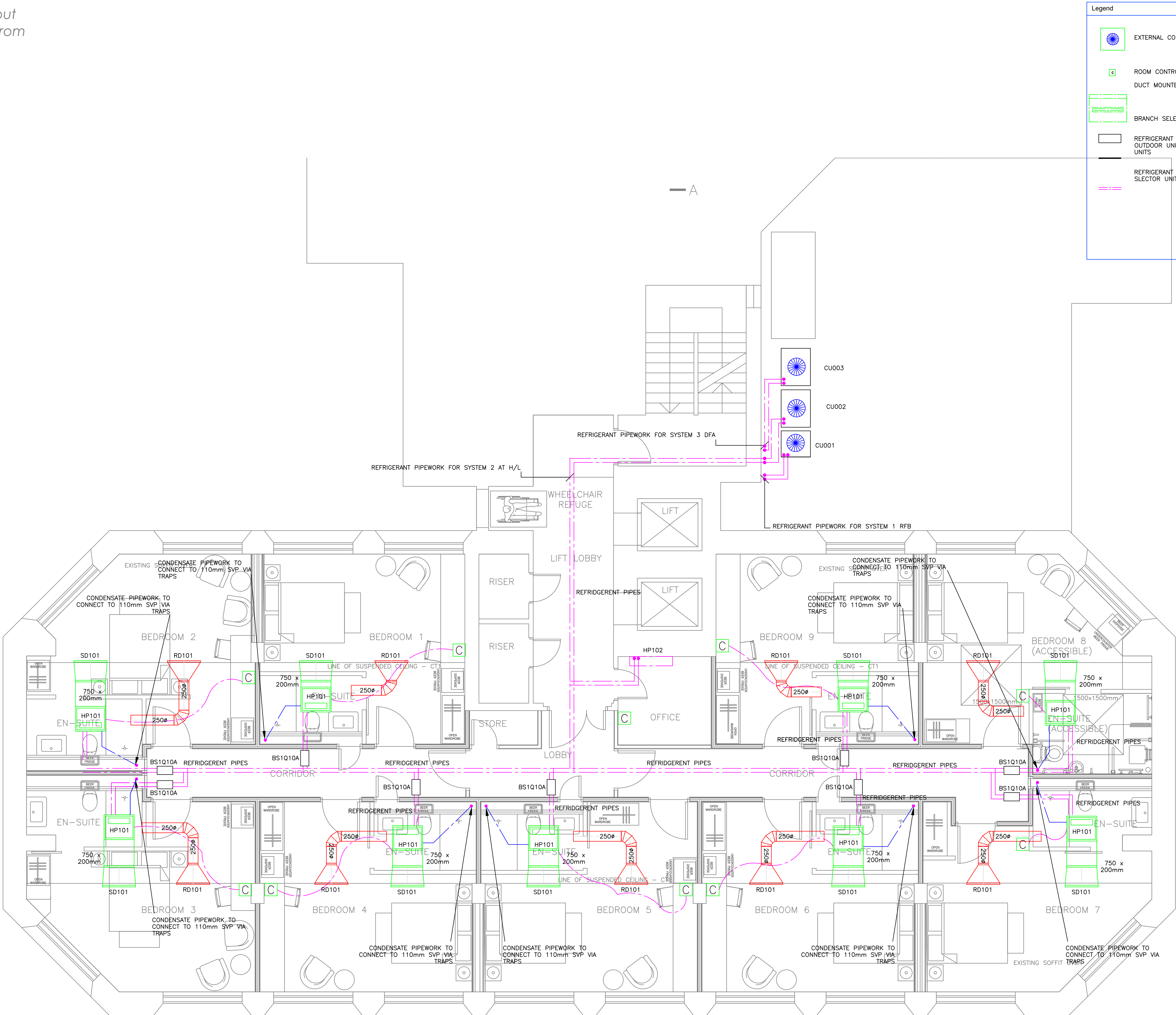


Indicative Layout
Do Not Scale From
Drawings



Legend	Notes
	EXTERNAL CONDENSING UNIT
	ROOM CONTROLLER (MADOKA CHROME) DUCT MOUNTED UNIT
	BRANCH SELECTOR UNIT
	REFRIGERANT PIPEWORK-- FROM OUTDOOR UNITS TO BRANCH SELECTOR UNITS
	REFRIGERANT PIPEWORK FROM BRANCH SELECTOR UNIT TO INDOOR UNIT

- ALL VENTILATION INSTALLATIONS TO BE IN ACCORDANCE WITH APPROVED DOCUMENT F INCORPORATING 2010 & 2013 AMENDMENTS AS WELL AS ANY OTHER REINVENT BUILDING REGULATIONS IN ADDITION FOR NATURAL VENTILATION WITH BS 5925 AND CIBSE DESIGN GUIDE A, FOR MECHANICAL VENTILATION WITH BS 5720 AND CIBSE DESIGN GUIDE B.
- VENTILATION DUCTS SHALL BE INSULATED TO BE IN ACCORDANCE WITH THE APPROVED DOCUMENT F INCLUDING 2010 & 2013 AMENDMENTS.
- THE MECHANICAL VENTILATION INSTALLATION WILL BE INSTALLED STRICTLY IN ACCORDANCE WITH THE HVCA SPECIFICATION DW/144.
- THE MECHANICAL INSTALLATION SHALL BE COMMISSIONED IN ACCORDANCE WITH CIBSE COMMISSIONING CODES & BSRIA COMMISSIONING GUIDES.
- ALL INFORMATION REGARDING THE ENERGY EFFICIENT OPERATION OF THE MECHANICAL INSTALLATIONS SHALL BE RECORDED IN BUILDING LOG BOOK OR O&M MANUALS.
- ALL EQUIPMENT SHALL BE INSTALLED IN COMPLIANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
- ALL DUCTWORK PASSING THROUGH FIRE BARRIERS OR FLOORS WILL HAVE FIRE DAMPERS INSTALLED WITH A RATING MATCHING THAT OF THE BARRIER OR FLOOR. FIRE DAMPERS WILL BE OF THE MULTI BLADE SPRING OPERATED TYPE, WITH THE BLADES HELD OUT OF THE AIR STREAM, AND ACTIVATED BY A FUSIBLE LINK.
- ID BANDS WILL BE FITTED ON ALL DUCTWORK AT A MINIMUM OF 3.0M CENTRES.
- THE CONTRACTOR MUST REFER TO THE SPECIFICATION FOR FULL DETAILS.
- VCD'S TO BE PROVIDED ON EACH BRANCH OF A MAIN DUCT SPLIT AND FINAL BALANCING VCD'S TO EACH ROOM. (NOT GRILLE MOUNTED OBD'S).
- GRILLES AND DIFFUSERS TO BE SUPPORTED INDEPENDENTLY OF THE SUSPENDED CEILING SYSTEM WHERE NECESSARY DUE TO LOADINGS. WHERE NOT, FALL ARREST MECHANISM TO BE FITTED.
- INSPECTION, ACCESS AND CLEANOUT DOORS TO BE FITTED TO SUIT THE REQUIREMENTS OF TR/19 PDI 2.
- ACCESS HATCHES TO BE PROVIDED FOR PLANT REPLACEMENT AND INSPECTION/MAINTENANCE PURPOSES. FINAL DETAILS TO BE AGREED WITH DETAILED DESIGNERS (ARCHITECT). WHERE FANS ARE SHOWN IN ROOMS THE FINAL POSITION SHOULD BE AGREED AS AN ACCESSIBLE LOCATION AS NEAR TO LOUVRE AS POSSIBLE (AWAY FROM ROOM FOR NOISE PURPOSES).
- ALL REFRIGERANT PIPEWORK TO BE SIZED BY INSTALLING SPECIALIST.

Safety Health and Environment
NO SPECIFIC RISKS IDENTIFIED

Rev.	Date	Description	CAD	Chkd
B	03.03.21	Updated To Latest Layout	SY	CS
A	30.11.20	Updated To Latest Layouts	SY	CS
0	21.02.20	Original Issue	SY	CS

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Project Title
BREWDOG
MANCHESTER - FOUNTAIN STREET

Drawing Title	Size
FIRST FLOOR PLAN AIR CONDITIONING LAYOUT	A1
Stage	CONSTRUCTION
Drawing No.	6045(55)201
Date	Jan. '20
Scale	1:50
CAD	SY
Chkd	CS
Rev.	B