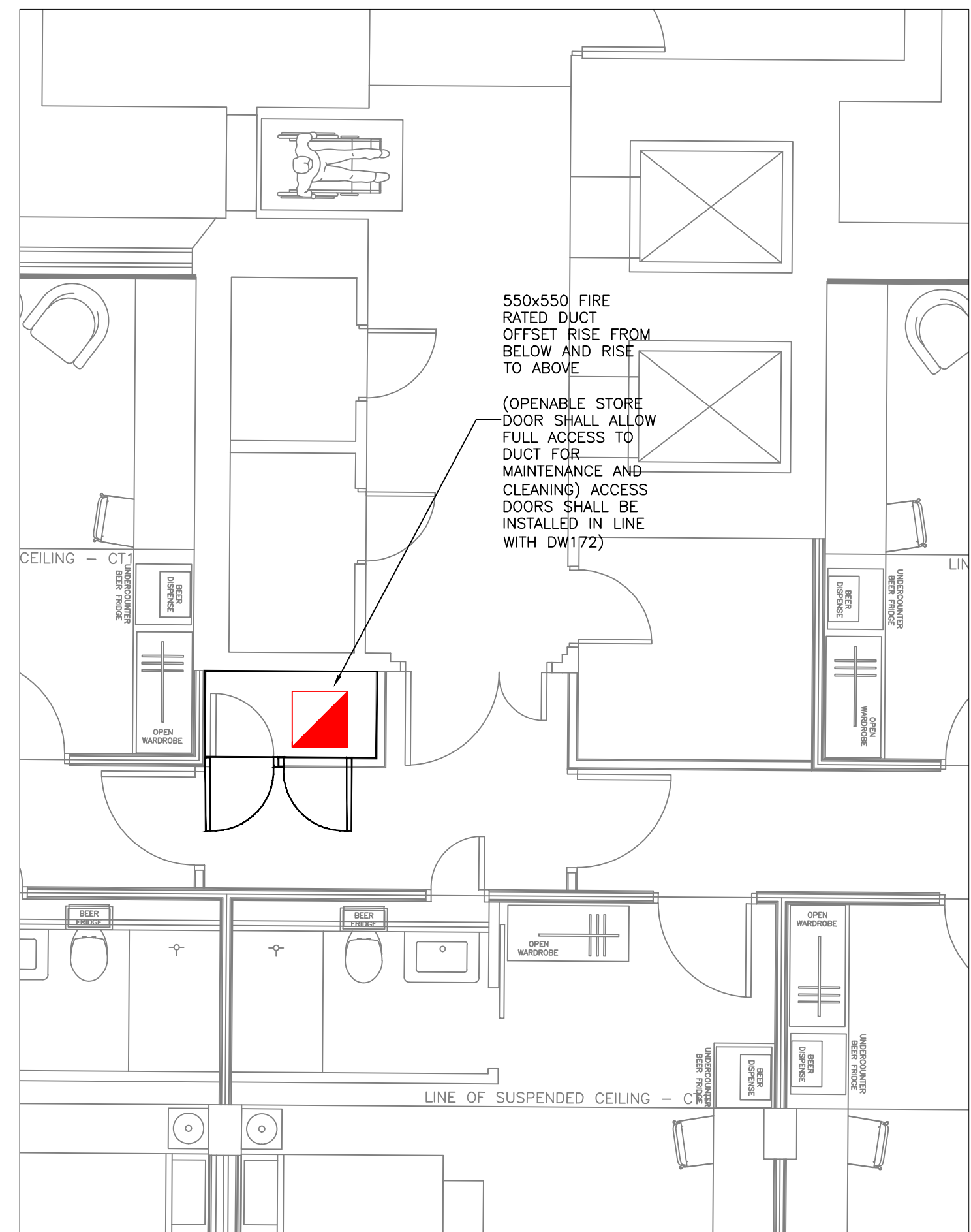
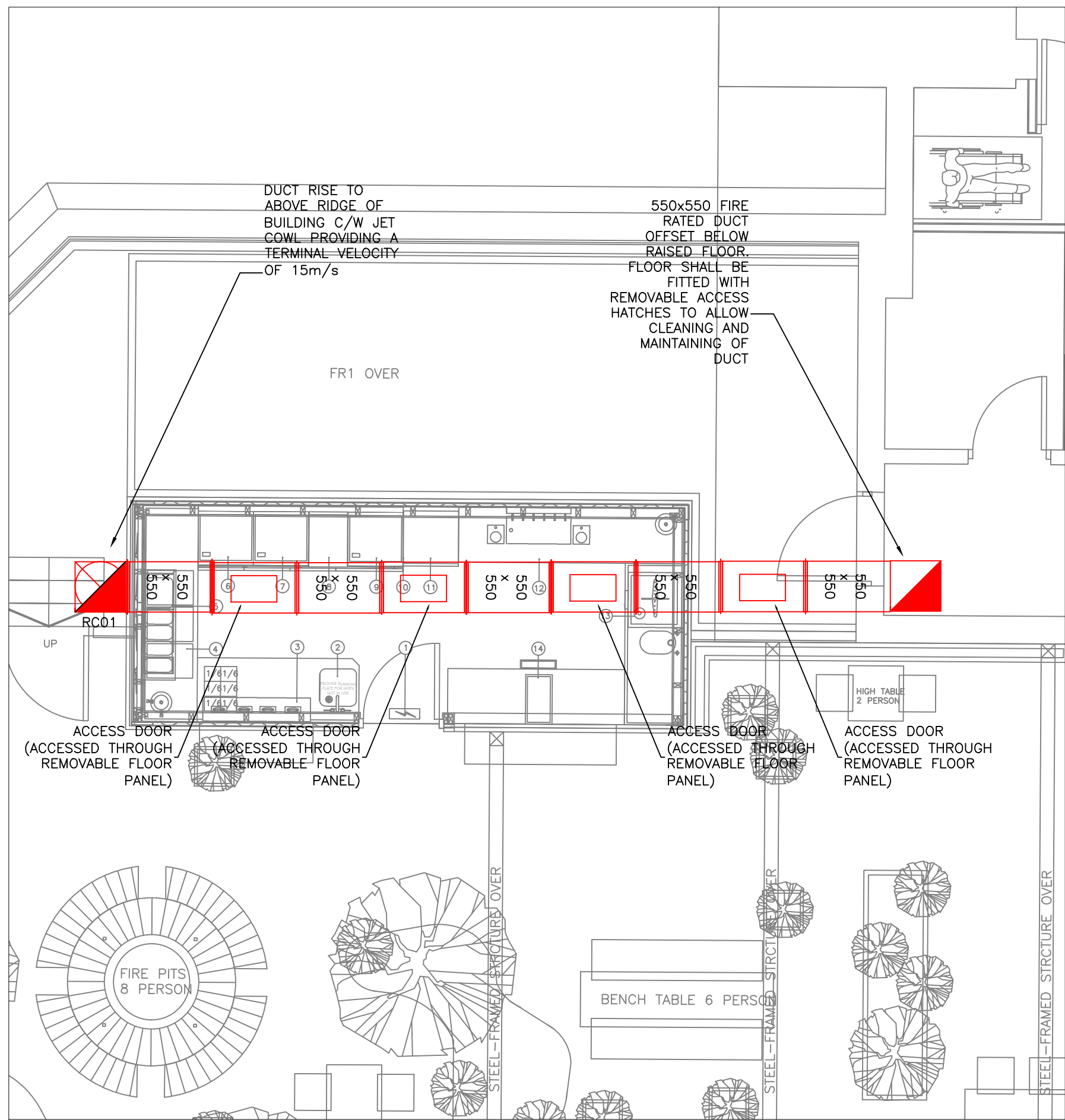


Indicative Layout
Do Not Scale From
Drawings



SECOND FLOOR - SCALE 1:50



ROOF LEVEL - SCALE 1:50

KITCHEN EXTRACT FAN SCHEDULE BREWDOG - FOUNTAIN STREET - MANCHESTER				
REF	DUTY (m3/s)	WEIGHT (KG)	DIMENSIONS - (Lmm X Wmm X Hmm)	COMMENTS
KEF1	1.35	50	550 X 592 X 450	C/W SYSTEM SIDE AND ATMOSPHERE SILENCER. INTERLINK WITH GAS SAFETY PANEL. ALLOW FOR MODULATION BASED ON DEMAND REQUIREMENTS. ABILITY TO CONNECT TO FIRE ALARM FOR EMERGENCY SHUT OFF. C/W ESP DOUBLE BYPASS FILTERS, UVO 100 ODOUR CONTROL

ROOF COWL - KITCHEN EXTRACT - SCHEDULE BREWDOG - FOUNTAIN STREET - MANCHESTER				
REF	MANUFACTURER	MODEL	DUTY (m3/s)	DIMENSIONS - (Lmm X Wmm X Hmm)
RC01	LINDAB	HF 500	1.35	500 x 1055



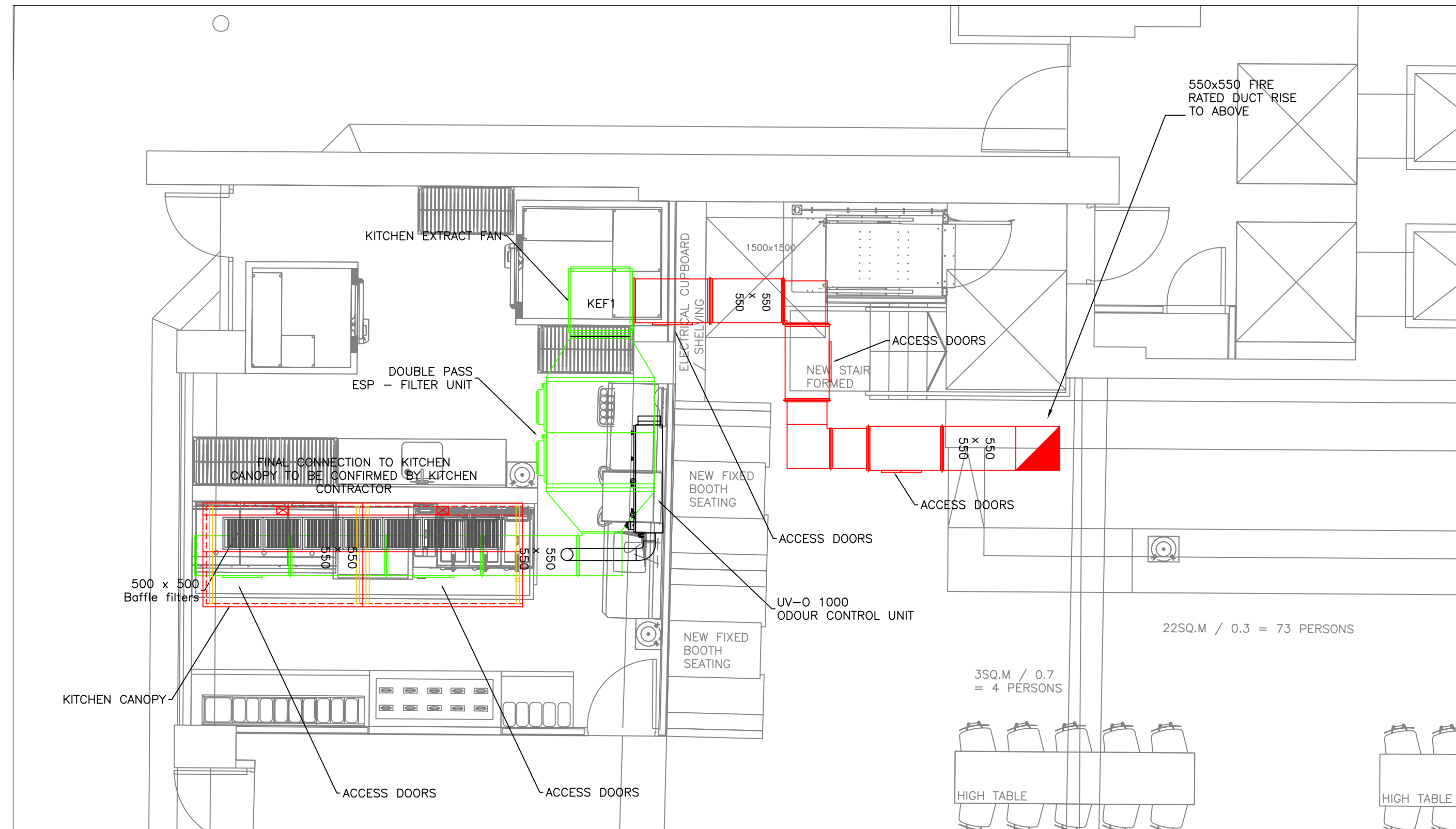
JET COWL - LINDAB - HF 630

THIS COWL ENSURES THE AIR IS EJECTED IN AN UPWARDS-DIRECTED JET...

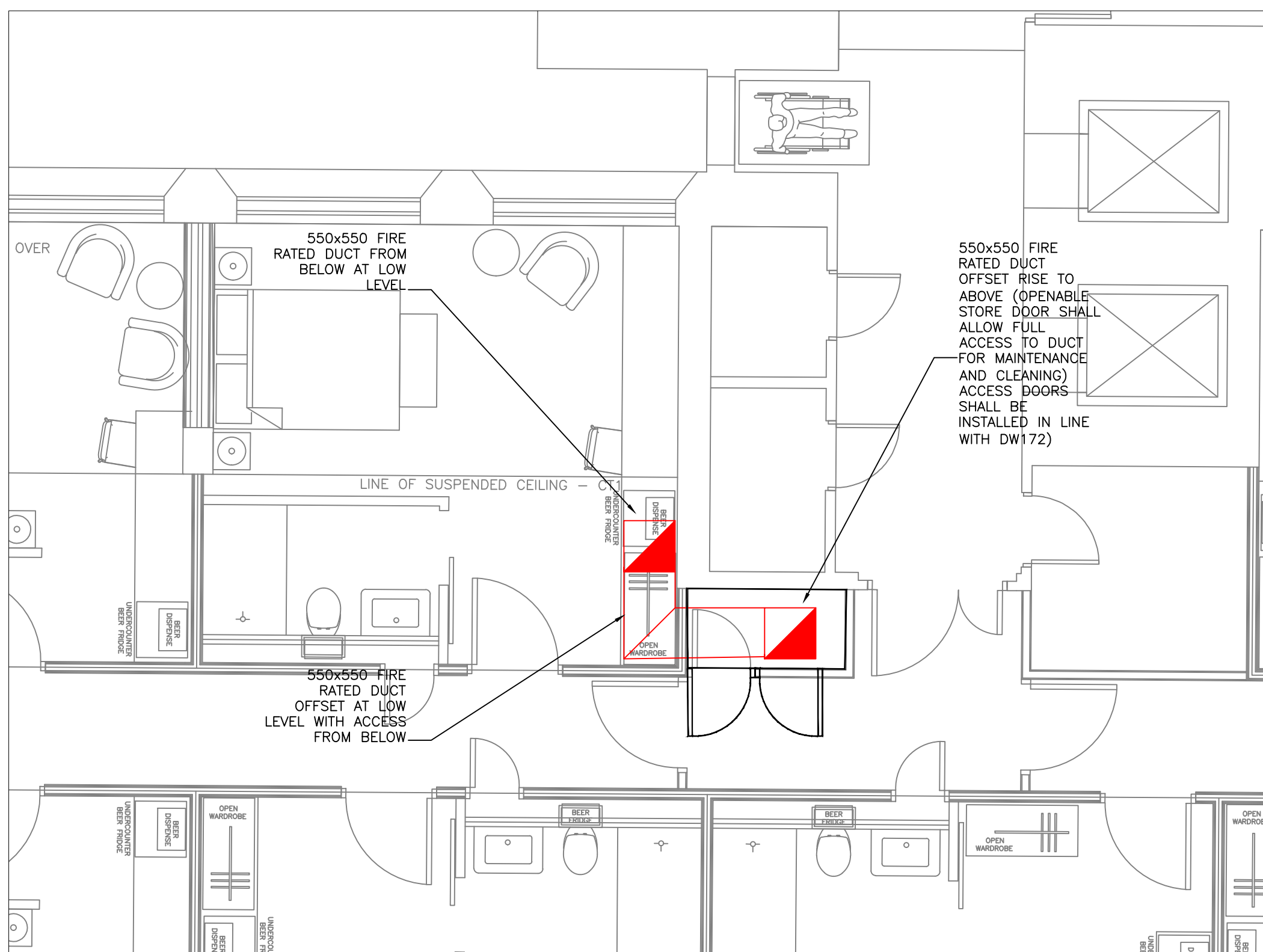
THIS AVOIDS CONTAMINATING THE AIR IN THE VICINITY OF THE HOOD, AND SOILING OF THE AREA AROUND THE HOOD. THE EJECTION IS SO EFFECTIVE THAT YOU CAN INSTALL A FRESH AIR INLET IN THE IMMEDIATE VICINITY OF THE HOOD, WITHOUT ANY SPECIAL PRECAUTIONS.

THE HOOD IS MADE OF GALVANISED SHEET STEEL.

IT HAS A NET OVER THE OPENING AND AN INTERNAL RAIN FUNNEL TO COLLECT RAINWATER AND SNOW, WHICH IS DRAINED OUT OF THE HOOD THROUGH A HOSE. THE HOSE CAN WITHSTAND TEMPERATURES OF BETWEEN -45 AND +65 °C.



GROUND FLOOR - SCALE 1:50



FIRST FLOOR - SCALE 1:50

- Notes
1. ALL VENTILATION INSTALLATIONS TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS ENGLAND & WALES 2013. IN ADDITION FOR NATURAL VENTILATION WITH BS 5925 AND CIBSE DESIGN GUIDE A, FOR MECHANICAL VENTILATION WITH BS 5720 AND CIBSE DESIGN GUIDE B.
 2. BY PROVIDING MECHANICAL VENTILATION WITH A TOTAL SPECIFIC FAN POWER (I.E. THE DESIGN POWER OF ALL FANS IN THE DISTRIBUTION SYSTEM DIVIDED BY THE DESIGN VENTILATION RATE THROUGH THE BUILDING) NOT GREATER THAN 1.5 W/lS THE VENTILATION SHALL COMPLY WITH THE BUILDING REGULATIONS ENGLAND & WALES 2013.
 3. THE MECHANICAL VENTILATION INSTALLATION WILL BE INSTALLED STRICTLY IN ACCORDANCE WITH THE HVCA SPECIFICATION DW/144.
 4. THE MECHANICAL INSTALLATION SHALL BE COMMISSIONED IN ACCORDANCE WITH CIBSE COMMISSIONING CODES & BSRIA COMMISSIONING GUIDES.
 5. ALL INFORMATION REGARDING THE ENERGY EFFICIENT OPERATION OF THE MECHANICAL INSTALLATIONS SHALL BE RECORDED IN BUILDING LOG BOOK OR O&M MANUALS.
 6. ALL EQUIPMENT SHALL BE INSTALLED IN COMPLIANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
 7. ALL DUCTWORK PASSING THROUGH FIRE BARRIERS OR FLOORS WILL HAVE FIRE SLEEVES & COLLARS INSTALLED WITH A RATING MATCHING THAT OF THE BARRIER OR FLOOR.
 8. ACCESS HATCHES TO BE PROVIDED FOR HRV 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).
 8. DUCT INSTALLATION TO BE INSTALLED IN ACCORDANCE WITH DW 172

Safety Health and Environment

NO SPECIFIC RISKS IDENTIFIED

0	25.02.21	Original Issue	SY	CS
Rev.	Date	Description	CAD	Chkd

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Project Title

BREWDOG
MANCHESTER - FOUNTAIN STREET

Drawing Title	Size
ALL FLOORS KITCHEN EXTRACT LAYOUT	A1 Date: Jan. '20 Scale: 1:50 CAD: SY Chkd: CS
Stage	INFORMATION
Drawing No.	6045(57)201
Rev.	C