



NOTES.

- For building services information only.
- Please refer to individual service drawings for further details of layouts.
- All electrical information is for indicative purposes only and may vary. Please check the electrical layouts for full details.

FD = FIRE DAMPER



- 20/02/2024  
1. Issued for comment Rev A
- 22/02/2024  
1. Issued for comment Rev B  
2. New layout added.
- 26/02/2024  
1. Issued for comment Rev C  
2. Supply air added.
- 11/04/2024  
1. Issued for construction Rev D
- 15/05/2024  
1. Issued for construction Rev E  
2. HRU 1 LOCATION AMENDED  
3. ASHP LOCATION AMENDED
- 23/08/2024  
1. Issued for construction Rev F  
2. Domestic services removed from this drawing and added to a new drawing for ease of identification of services  
3. Ductwork routes amended
- 28/08/2024  
1. Issued for construction Rev G  
2. Ventilation Ductwork routes amended  
3. Extract from Ground floor Laundry amended to terminate through the roof  
4. Fire dampers added where required

HEAT RECOVERY SCHEDULE							
REF	SERVING	MANUFACTURE	MODEL	DIMENSIONS(mm)	DESIGN CRITERIA	CONSTANT TRICKLE 60% SPEED	BOOST MODE ON OCCUPATION
HRU 1	FIRST FLOOR STAFF ROOM	VECTAIRE	MAXI PLUS BY	H654 W754 D535	4 PEOPLE @ 10L/S	20 l/s	40 l/s
	FIRST FLOOR OFFICE				3 PEOPLE @ 10L/S	15 l/s	30 l/s
	GROUND FLOOR X-RAY				2 PEOPLE @ 10L/S	10 l/s	20 l/s
	GROUND FLOOR THEATRE				2 PEOPLE @ 10L/S	10 l/s	20 l/s
	GROUND FLOOR DENTAL				2 PEOPLE @ 10L/S	10 l/s	20 l/s
HRU 2	GROUND FLOOR CONSULTING ROOM 1	VECTAIRE	MAXI PLUS BY	H654 W754 D535	2 PEOPLE @ 10L/S	10 l/s	20 l/s
	GROUND FLOOR CONSULTING ROOM 2				2 PEOPLE @ 10L/S	10 l/s	20 l/s
	GROUND FLOOR CONSULTING ROOM 3				2 PEOPLE @ 10L/S	10 l/s	20 l/s
	GROUND FLOOR CONSULTING ROOM 4				2 PEOPLE @ 10L/S	10 l/s	20 l/s
	GROUND FLOOR CAT WARD				2 PEOPLE @ 10L/S	10 l/s	20 l/s
	GROUND FLOOR CLINICAL CIRCULATION				4 PEOPLE @ 10L/S	20 l/s	40 l/s
	GROUND FLOOR VETERINARY CIRCULATION				2 ach = 72m <sup>3</sup> /h	5 l/s	10 l/s

EXTRACT FAN SCHEDULE						
REF	LOCATION	TYPE	MANUFACTURER	MODEL	DIMENSIONS	AIR FLOW l/s
WF1	F 03 STAFF WC	WALL FAN	CAIROX	125 LDT L	125mm Dia	43.6 @ 20Pa

GRILLE SCHEDULE				
REF	LOCATION	MANUFACTURE	MODEL	DIMENSIONS
SG1	VARIOUS	DOMUS	AIR VALVE	150mm dia
EG1	VARIOUS	DOMUS	AIR VALVE	150mm dia
WL1	EXTERNAL	LINDAB	WEATHER LOUVRE	250 X 250
WL2	EXTERNAL	CAIROX	125mm WALL KIT	150 X 150

ROOM VENTILATION SCHEDULE

G01 CONSULTING	MECHANICAL SUPPLY AND EXTRACT VENTILATION
G02 CONSULTING	MECHANICAL SUPPLY AND EXTRACT VENTILATION
G03 CONSULTING	MECHANICAL SUPPLY AND EXTRACT VENTILATION
G04 CONSULTING	MECHANICAL SUPPLY AND EXTRACT VENTILATION
G05 VETERINARY CIRCULATION	MECHANICAL SUPPLY AND EXTRACT VENTILATION
G06 LAUNDRY	MECHANICAL EXTRACT
G07 X-RAY	MECHANICAL SUPPLY AND EXTRACT VENTILATION
G08 THEATRE	MECHANICAL SUPPLY AND EXTRACT VENTILATION
G09 DENTAL	MECHANICAL SUPPLY AND EXTRACT VENTILATION
G10 CLINICAL CIRCULATION	MECHANICAL SUPPLY AND EXTRACT VENTILATION
G11 MORGUE	MECHANICAL EXTRACT
G12 LOBBY	NATURAL VENTILATION
G13 CAT WARD	MECHANICAL SUPPLY AND EXTRACT VENTILATION
G14 CAT ISOLATION	INCLUDED IN G13
G15 LABORATORY	MECHANICAL EXTRACT
G16 DOG WARD	NATURAL VENTILATION
G17 ACCESSIBLE WC	MECHANICAL EXTRACT

CONSTRUCTION

ISSUE	AMENDMENT	DATE	INITIAL
-------	-----------	------	---------

**COMPLETE PIPEWORK SERVICES LTD**  
 UNIT 28 SHORTWOOD BUSINESS PARK  
 HOVLAND  
 BARNSELEY  
 S74 9LH  
 Tel No. (01226) 281 152  
 Fax No. (01226) 786 980

Project  
 NETHER MILL BARN  
 PENISTONE

Client  
 NU CONSTRUCTION

Title  
 FIRST FLOOR MECHANICAL VENTILATION  
 SERVICES LAYOUT

DRAWN	CB	CHECKED	APPROVED	DATE	28/08/2024
-------	----	---------	----------	------	------------

SCALE 1:50 A1 DRAWING

DRG.No. M002/NHB/CPS

ISSUE  
 G