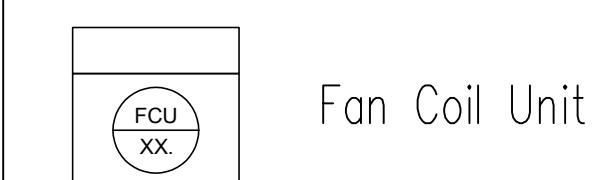


Mechanical Vent
Heat Recovery Unit



Attenuator

Supply Ventilation Ductwork

Extract Ventilation Ductwork

○ Supply Diffuser / Extract Grille



— Refrigeration Pipework Containment



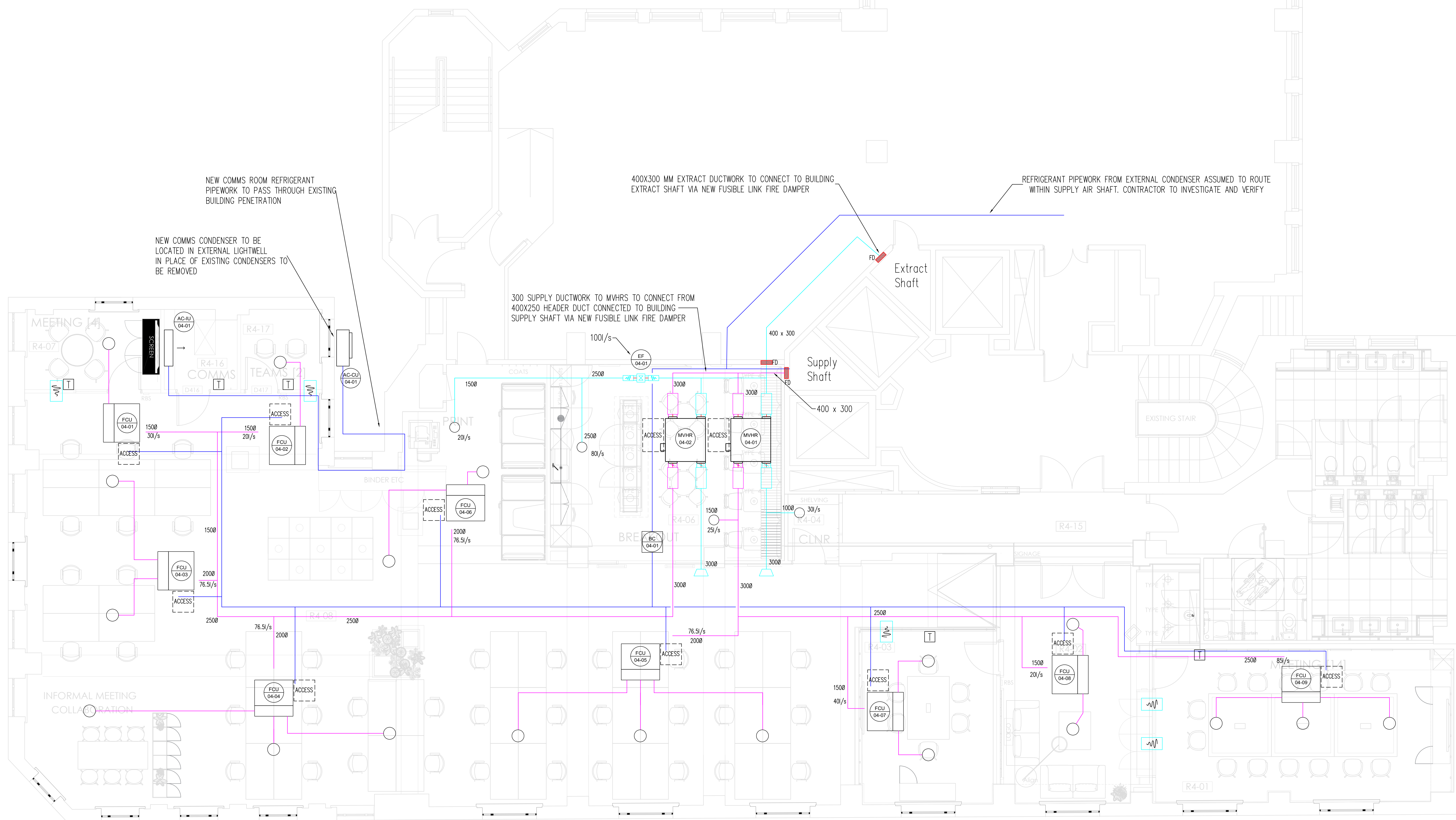
T Wall mounted A/C controller with integral thermostat



 FD Fusible link fire damper

FCU Schedule			
Unit Ref	Sensible Cooling Duty (kW)	Heating Duty (kW)	Manufacturer Model Ref
FCU 04-01	1.52	1.58	
FCU 04-02	0.41	1	
FCU 04-03	5	6	
FCU 04-04	5.05	6	
FCU 04-05	5	6	
FCU 04-06	1	2	
FCU 04-07	1	1	
FCU 04-08	1	2	
FCU 04-09	2	4	

MVHR Schedule			
Unit Ref	Supply Volume (l/s)	Extract Volume (l/s)	Manufacturer Model Ref
MVHR 04-01	221	221	
MVHR 04-02	248	248	



CEILING ARRANGEMENT

CDM Regulations:

In addition to any information included in this drawing or the model from which it is derived, refer also to the project CDM Risk Register for information on residual risks.

General Notes:

- The drawing does not necessarily show all the information needed to interpret the design intent or the construction details.
- The drawing contains information from more than one source and must be read in conjunction with all relevant specifications.
- Any apparent drafting errors and differences between other drawings and specifications shall be brought to our attention.

Project Notes:

1. This drawing is indicative only and provided to detail the project requirements.
2. All dimensions and quantities shown are indicative only. It is the contractors responsibility to confirm final sizes, quantities and positions.
3. The contractor is to undertake a detailed design of all activities and be responsible for the design.
4. All installed equipment shall be suitable for the environment in which it is installed and all-vibrational support shall be provided to prevent transmission of vibrations to the building structure.
5. All HVAC equipment shall be installed on to the existing structure, with appropriate access facility provided for ongoing maintenance.
6. Access to the fire dampers is to be maintained at all times.
7. All ductwork is to be insulated to BS54242 and BS5970.
8. All HVAC systems are to be linked to the building fire alarm system and have a dedicated fire alarm signal.
9. Flexible ductwork shall not be permitted in exposed installations.
10. All thermostats shall not be positioned in close proximity to sources of heat or external glazing.
11. All system set points and time schedules shall be set to meet internal environmental conditions and the floor works with temporary overruns permitted by the wall mounted controls.
12. All equipment shall be provided as indicated on this drawing and additionally where required to maintain appropriate internal noise levels within the space.
13. All external ductwork shall be insulated in copper and be insulated with noise barrier Class O.
14. Refrigerant pipework shall be routed upon dedicated support.
15. Branch controllers shall be provided with a minimum of two spare ports for future tenant connection.
16. All control systems shall be manufactured by Mitsubishi Electric.
17. Extract fans shall be manufactured by Vent Axia, or equivalent.
18. All grilles shall be manufactured by Gilberts, or equal and approved.
19. All actuators are in L/N unless otherwise noted.
20. All measurements in mm unless otherwise noted.

REVISIONS:

REVISIONS:

HOARE LEA (H.)

ARCHITECT:
Bluesky Design Interiors Ltd

CLIENT:
Grosvenor OEI Ltd

PROJECT TITLE:
Ship Canal House 4th Floor Refurbishment Works

DRAWING TITLE:
Mechanical Services Layout

Preliminary Issue

PERSON RESPONSIBLE FOR:			
Design: PO	Review: BB	Authorising Issued: SM	
Project No: 791-E1718784	Date: 07/11/25	Scale @ A0: 1:50	
DRAWING NUMBER:			Status:
791-E1718784-HLEA-XX-04-DR-M-100001			S3
			POC