

NOTES:

DUCTWORK REQUIREMENTS
The kitchen extract system will be compliant with besa specification for kitchen ventilation systems DW/172. Internal surfaces of the kitchen extract systems will be rectangular and free of any irregularities which make grease accumulation more likely and cleaning more difficult.

The design will include access panels either side of every bend and at a maximum spacing of 1.5m in the horizontal ductwork, to facilitate manual cleaning. access panels will be provided in sufficient number, quality and size, to enable unrestricted access for regular cleaning and inspection of the internal surfaces and in-line components. all access panels will be in accordance with the requirements of dw/144, dw/172 & tr/19

KITCHEN SUPPLY AIR
Where a kitchen supply air system is provided, it will be installed in accordance with DW172 section 6.
The supply system will be positioned as to not obstruct safe access to the kitchen extract system.

FILTRATION DUCTWORK CONNECTIONS
The ductwork installed either side of the filters must be positioned centrally in relation to the filter.
Ductwork plenums sized and designed so an equal distribution of air passes through all sections of the filter, such that all of the air is filtered equally.

Location of fire dampers to be inline with building fire strategy

Volume control dampers to be fitted to all branch legs

E	22/11/23	Drawing Updated
D	14/11/23	Drawing Updated
C	15/08/23	Drawing Updated
B	08/08/23	Drawing Updated
A	21/02/23	Drawing updated to latest base plan
Rev	Date	Description

FWP UK LTD
REFRIGERATION-AIR CONDITIONING-VENTILATION
17 Calverton Business Park
Hoyle Road
Calverton
Nottingham NG14 6QL
tel: 0115 965 5042
web: fwpuk.com

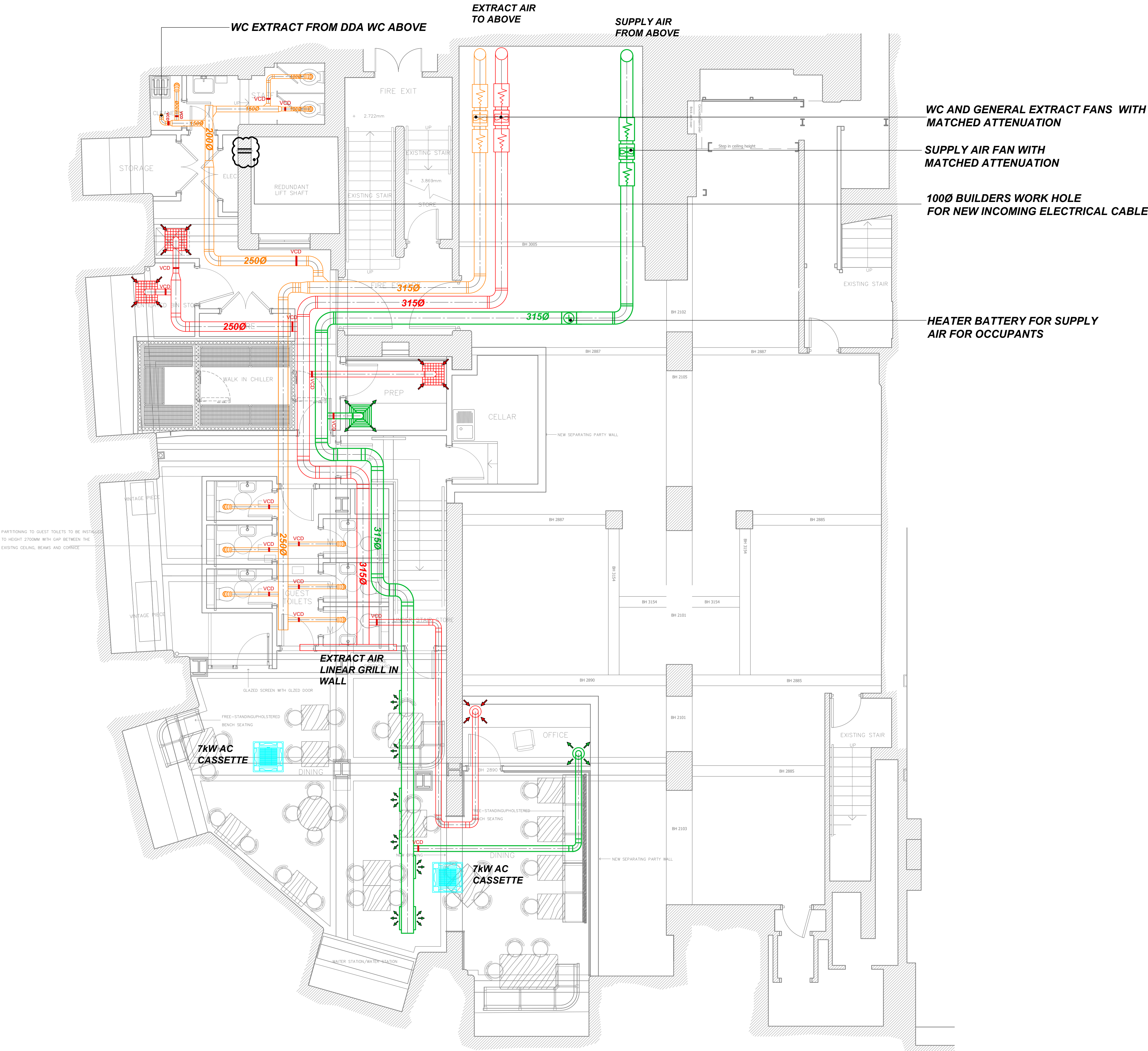
Drawn: - Checked: - Date: --/--/----

Issue: Provisional ☒ Approved ☐ As Built ☐ Current ☐

Site Address:
Flat Iron
Manchester

Drawing Title:
Proposed Basement HVAC
Layout

Drawing Number: 22329/001 Rev: E Paper size: A1 Scale: 1:50



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D	14/11/23	Drawing Updated
C	15/08/23	Drawing Updated
B	08/08/23	Drawing Updated
A	21/02/23	Drawing updated to latest base plan
Rev	Date	Description

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REFRIGERATION-AIR CONDITIONING-VENTILATION

17 Calverton Business Park
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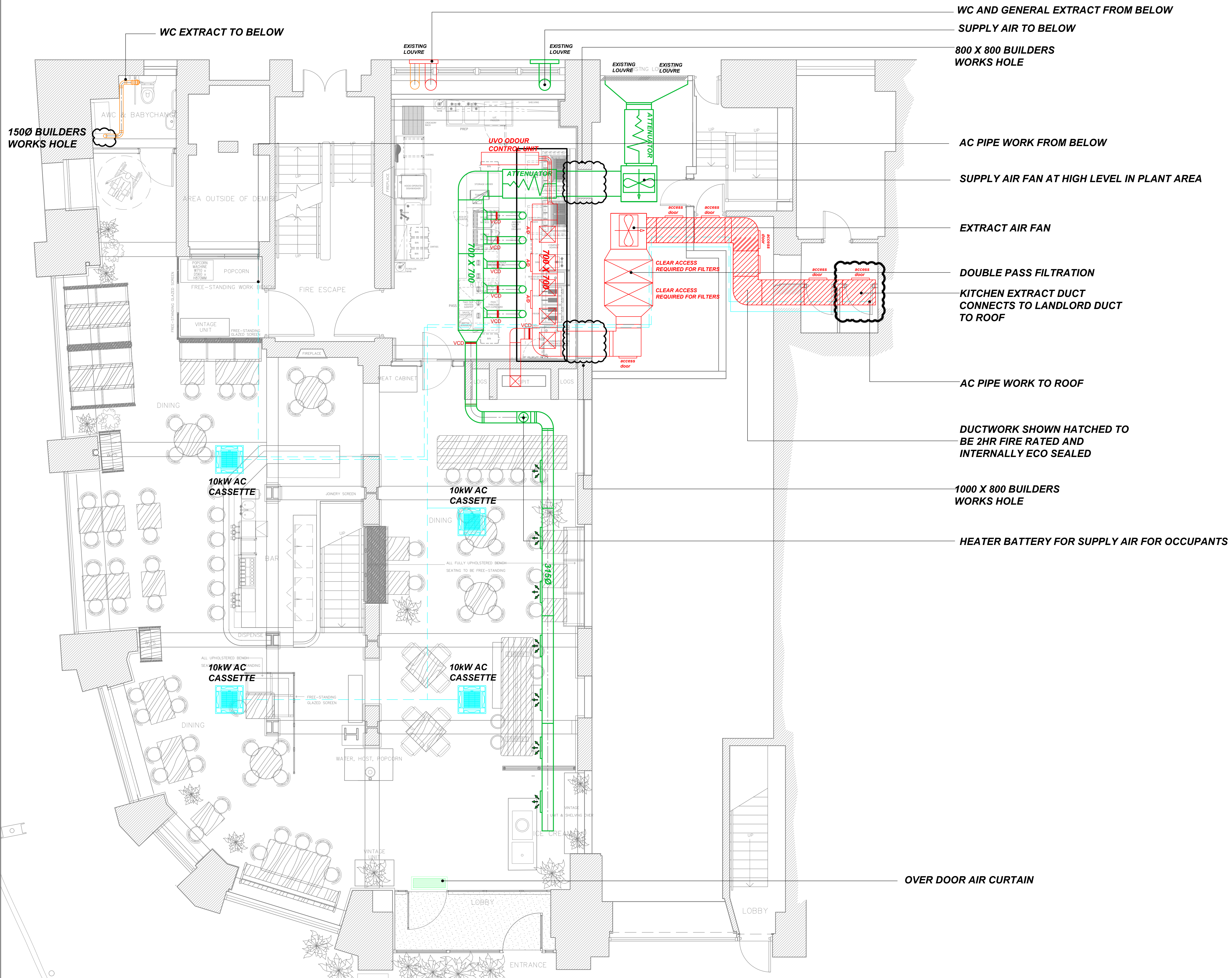
Drawn:	Checked:	Date:
-	-	--/--/----

Issue: Provisional ☒ Approved ☐ As Built ☐ Current ☐

Site Address:
Flat Iron
Manchester

Drawing Title:
Proposed Ground Floor
HVAC Layout

Drawing Number: 22329/002	Rev: D	Paper size: A1	Scale: 1:50
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NOTES:

DUCTWORK REQUIREMENTS
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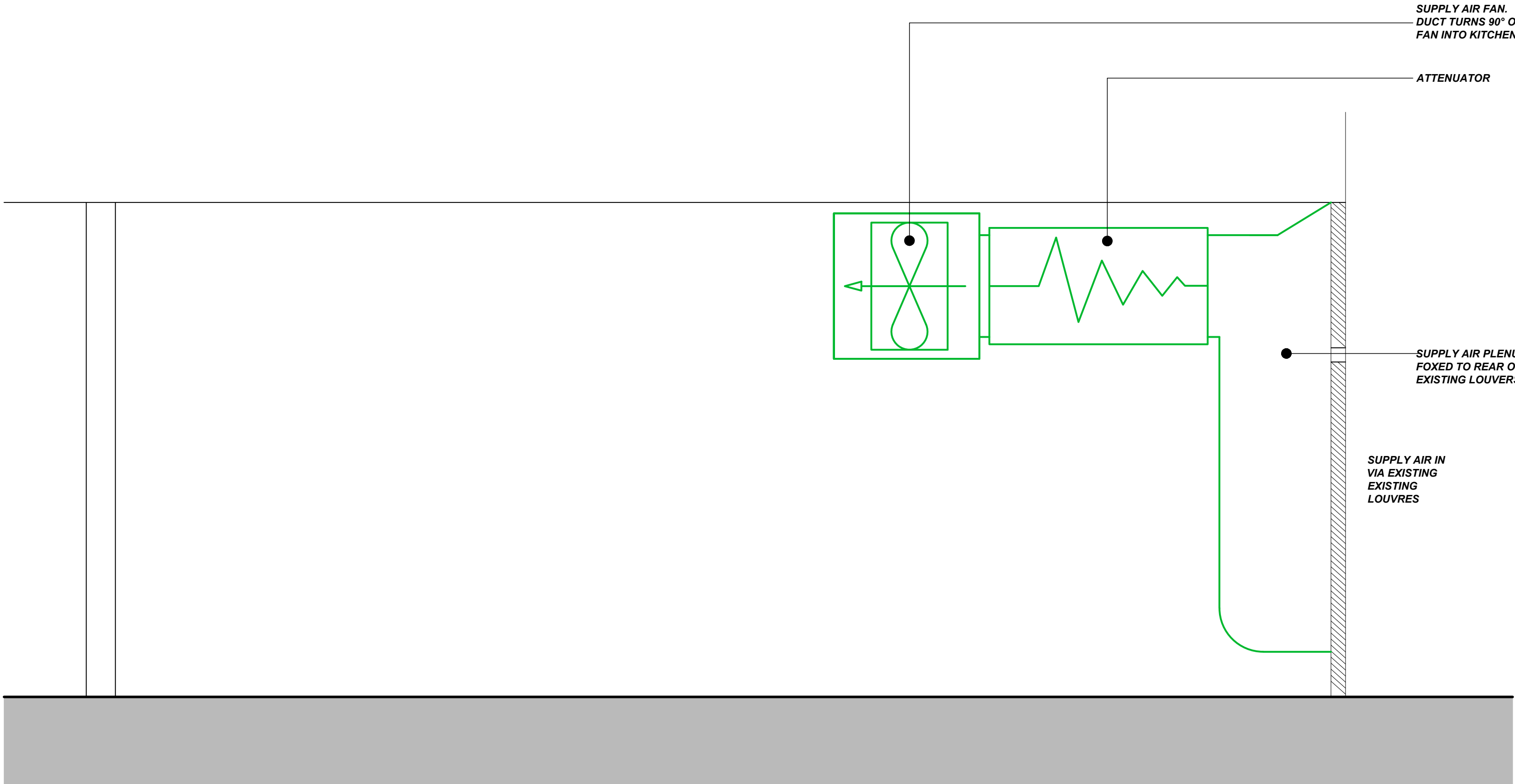
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Location of fire dampers to be inline with building fire strategy

Volume control dampers to be fitted to all branch legs



SECTION THROUGH SUPPLY DUCTWORK IN
PLANT ROOM

-	-	-
-	-	-
-	-	-
A	15/08/23	Drawing Updated
Rev	Date	Description

FWP

UK LTD

REFRIGERATION-AIR CONDITIONING-VENTILATION

17 Calverton Business Park
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tel: 0115 965 5042
web: fwpuk.com

Drawn:
-

Checked:
-

Date:
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Issue:

Provisional ☒ Approved ☐ As Built ☐ Current ☐

Site Address:

Flat Iron
Manchester

Drawing Title:

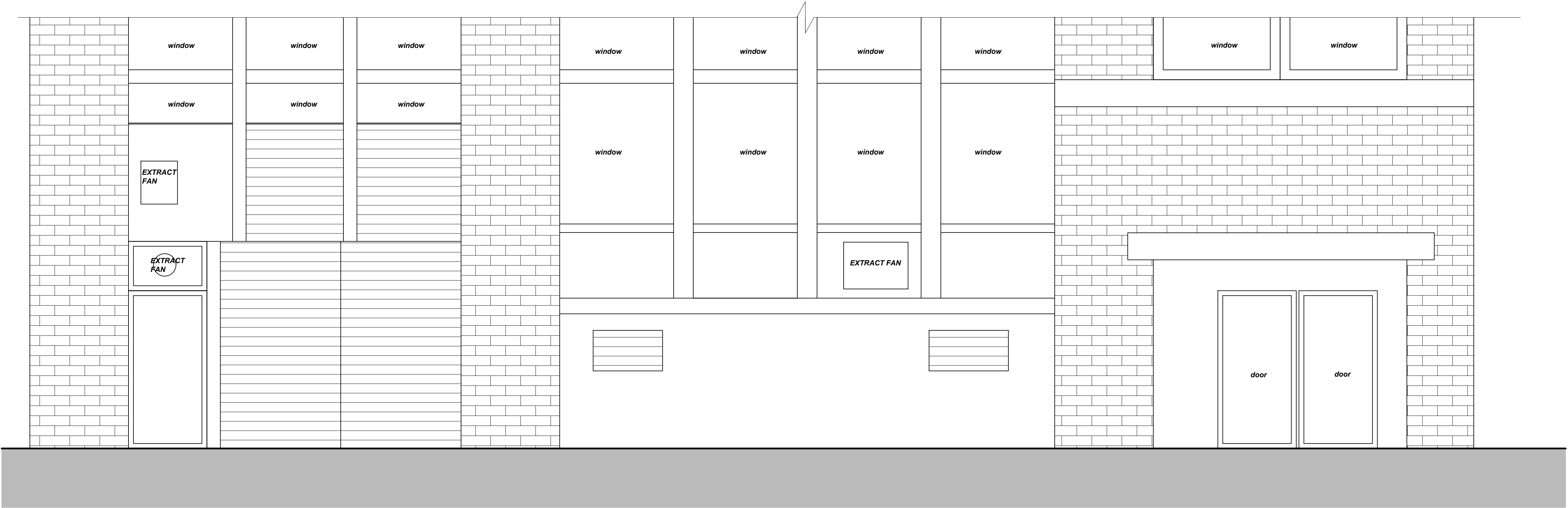
Proposed Details HVAC Layout

Drawing Number:
22329/003

Rev:
A

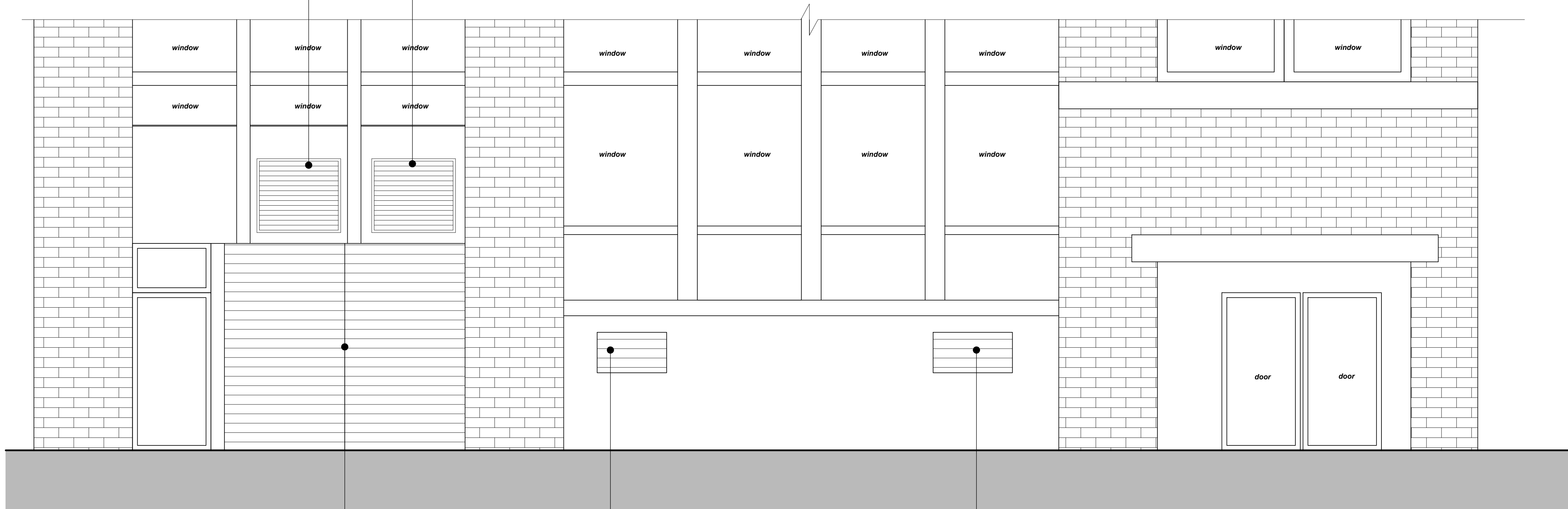
Paper size:
A1

Scale:
1:50



EXISTING ELEVATION ON REAR ALONG
LITTLE QUAY STREET

NEW LOW PROFILE LOUVRED
GRILLS TO FIT FLUSH. SEE IMAGE
FISHED COLOUR OF LOUVRE TBC



KITCHEN SUPPLY AIR LOUVRE

BASEMENT SUPPLY AIR LOUVRE

WC AND GENERAL EXTRACT AIR OUT
LOUVRE FROM BASEMENT

PROPOSED ELEVATION ON REAR ALONG
LITTLE QUAY STREET



INDICATIVE PHOTO OF FLUSH
FITTED LOUVRE

D	22/11/23	Drawing Updated
C	15/08/23	Drawing Updated
B	08/08/23	Drawing Updated
A	16/02/23	existing elevation added
Rev	Date	Description
FWP UK LTD REFRIGERATION-AIR CONDITIONING-VENTILATION 17 Calverton Business Park Hoyle Road Calverton Nottingham NG14 6QL tel: 0115 965 5042 web: fwpuk.com		
Drawn:	Checked:	Date:
-	-	--/--/----
Issue: Provisional ☒ Approved ☐ As Built ☐ Current ☐		
Site Address: Flat Iron Manchester		
Drawing Title: Proposed Rear Louvre Details		
Drawing Number: 22329/004	Rev: D	Paper size: A1
		Scale: 1:25



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-	-	-
Rev	Date	Description



REFRIGERATION-AIR CONDITIONING-VENTILATION
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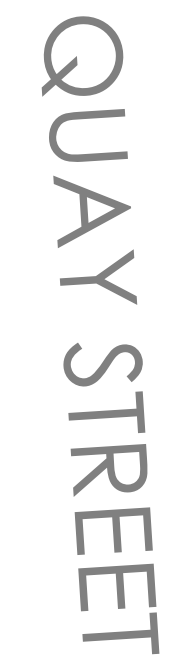
Drawn:	Checked:	Date:
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Issue:
Provisional ☒ Approved ☐ As Built ☐ Current ☐

Site Address:
Flat Iron
Manchester

Drawing Title:
Proposed Condensing Units
on Roof

Drawing Number:	Rev:	Paper size:	Scale:
22329/010	-	A1	1:20



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-	-	-
-	-	-
-	-	-

Rev	Date	Description
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REFRIGERATION • AIR CONDITIONING • VENTILATION

17 Calverton Business Park

Hoyle Road

Calverton tel: 0115 965 5042

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Drawn:	Checked:	Date:
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Issue: Approved ☐ A Bill ☐ Comment ☐

Provisional ☒ Approved ☐ As Built ☐ Current ☐

Site Address:
Flat Iron

Flat Iron
Manchester

Drawing Title:
Proposed Condensing Units

Proposed Condensing Units

on Roof

Drawing Numbers	Reel	Reel size	Seals
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Drawing Number:	Rev.	Paper size:	Scale:
223320/011		A1	1:100

22329/011	-	At	1.100
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