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Applied Energy Current Coordination Drawing Register

The following drawings contain a coordinated view of all building services items designed to date. These should be considered to be incomplete until issue of final, individual discipline tender drawings.
These drawings should give an appreciation of the likely size, layout and location of services , all of which are subject to modification as the design progresses.

C0000 Cover Page Sheet List			
Sheet Number	Sheet Name	Current Revision Date	Current Revision
VE5001	Existing South Elevation		
VE5002	Existing West Elevation		
VE5004	Existing Atrium South Elevation		
VE5005	Existing Atrium West Elevation		
CE0001	Basement Coordinated Existing Layout		
CE1000	Ground Floor Coordinated Existing Layout		
CE1101	First Floor (Typical) Coordinated Existing Layout		
CE1105	Fifth Floor Coordinated Existing Layout		
CE1106	Sixth Floor Coordinated Existing Layout		
CE1107	Roof Coordinated Existing Layout		
V5001	Proposed South Elevation		
V5002	Proposed West Elevation		
V5004	Proposed Atrium South Elevation		
V5005	Proposed Atrium West Elevation		
P0001	Basement - Proposed Layout		
P1000	Ground Floor - Proposed Layout		
P1101	First Floor (Typical) - Proposed Layout		
P1105	Fifth Floor - Proposed Layout		
P1106	Sixth Floor - Proposed Layout		
P1107	Roof - Proposed Layout		

Rev	Revison	Date
	Design Developmnet Issue 2	20.11.2017

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PROJECT
Whitworth Locke Manchester

TITLE
Cover Sheet for Planners

DRAWING No.	SCALE (@A1)	Project Ref:
P0000		16080

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Outside Air Existing Louvre
Outside Air Exiting Louvre
Outside Air Exsiting Louvre
Outside Air Exsiting Louvre
Outside Air Exsiting Louvre
Flue Terminates to Outside via Louvre
Redundant Swimming Pool Plant
Swiming Pool Water Heatrs. Underneath the stairs.
Extract Air Substation Extract Air Duct
Extract Air Duct Serving Night Club
Supply Air Duct Serving Night Club
Existing Leaisure area serivces redundant. Ventialtion provided locally from exitng louvres.
Cold Water Pipework Serving Johnson House
HV Substation
Riser "C"
Cold Water Pipework Serving Central House
2500x500 LVAC Panel
LV Cables Serving Central House
Riser "J"
LV Cables Serving Johnson House
Existing Nightclub serivces redundant. Ventialtion & AC provided from roof plant.
Incoming Mains Water Supply
Extract Air From Bin Store
LV Secondary Power
2No HV Cable
Incoming HV & LV
Cold Water Storage Break Tank
Lift Pump
Kitchen Extract Ductwork From High Level & To Above
LV Cables Serving Dominion House
Riser "D"
Cold Water Pipework Serving Dominion House
Drainage
Drainage
Drainage
Drainage
Drainage
Existing F&B serivces redundant. Ventialtion provided locally from external louvres.
Existing F&B serivces redundant. Ventialtion provided locally from external louvres.
Ventilation Louvres
Ventialtion Louvres
Ø90mm Incoming Gas Supply

Rochdale Canal Tow Path

Braver Sreet

Princess Street

JOHNSON
CENTRAL
ATRIUM
DOMINION WEST
DOMINION EAST

Whitworth Street

N

KEY PLAN

1:100 @A1

Rev	Revision	Date
	Design Developmnet Issue 2	20.11.2017

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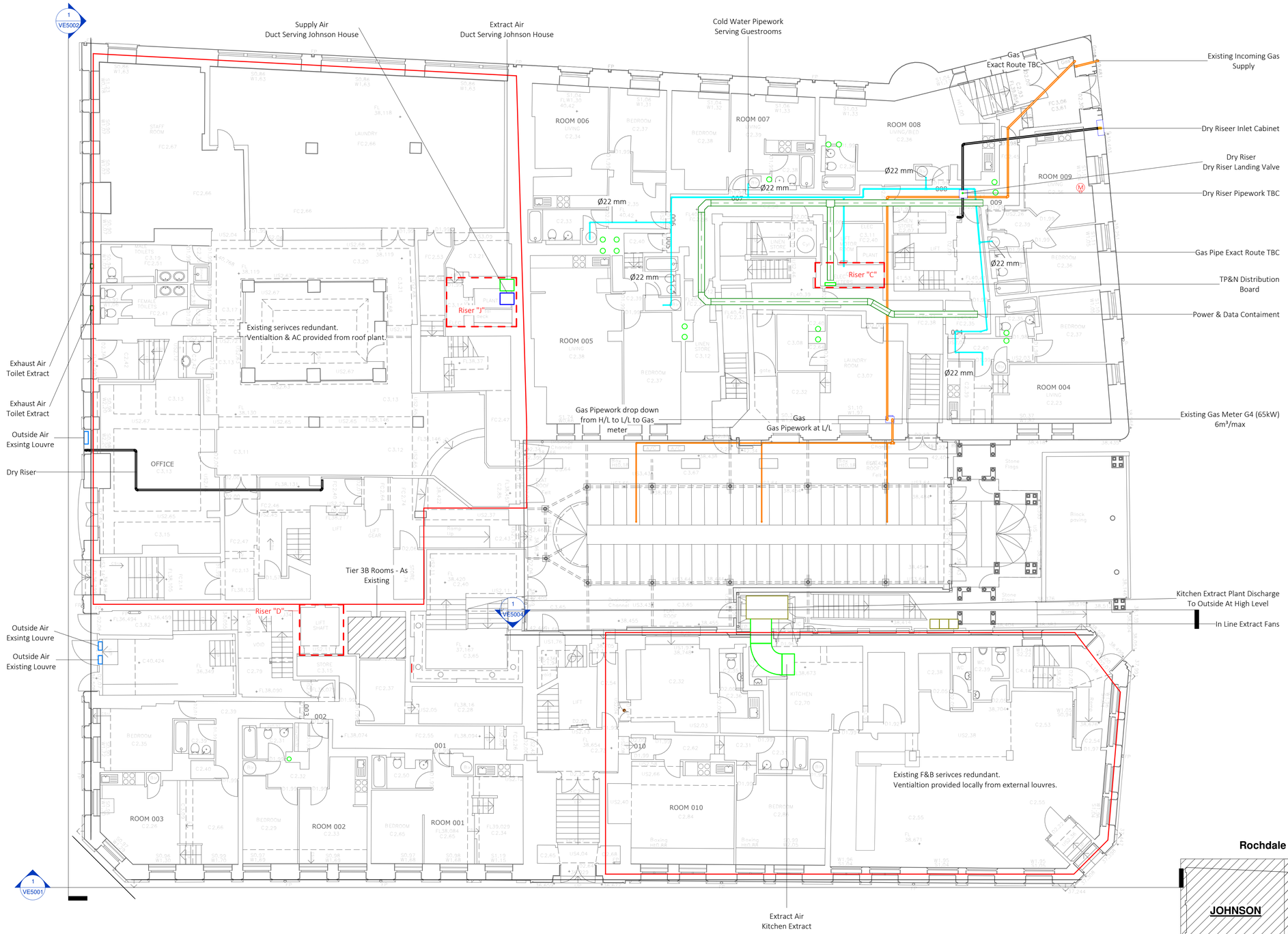
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PROJECT
Whitworth Locke Manchester

TITLE
Basement Coordinated Existing Layout

DRAWING No.	SCALE (@A1)	Project Ref:
CE0001	1 : 100	16080

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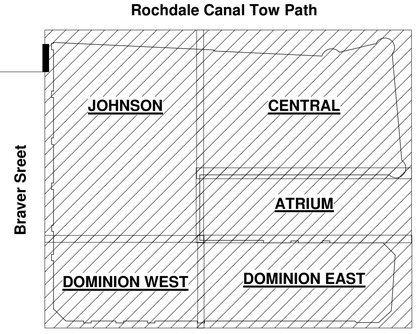




Existing Ground Floor Kitchen
Extract Survey Photograph 1



Existing Ground Floor Kitchen
Extract Survey Photograph 2



KEY PLAN

1:100 @A1

Rev	Revision	Date
	Design Developmnet Issue 2	20.11.2017

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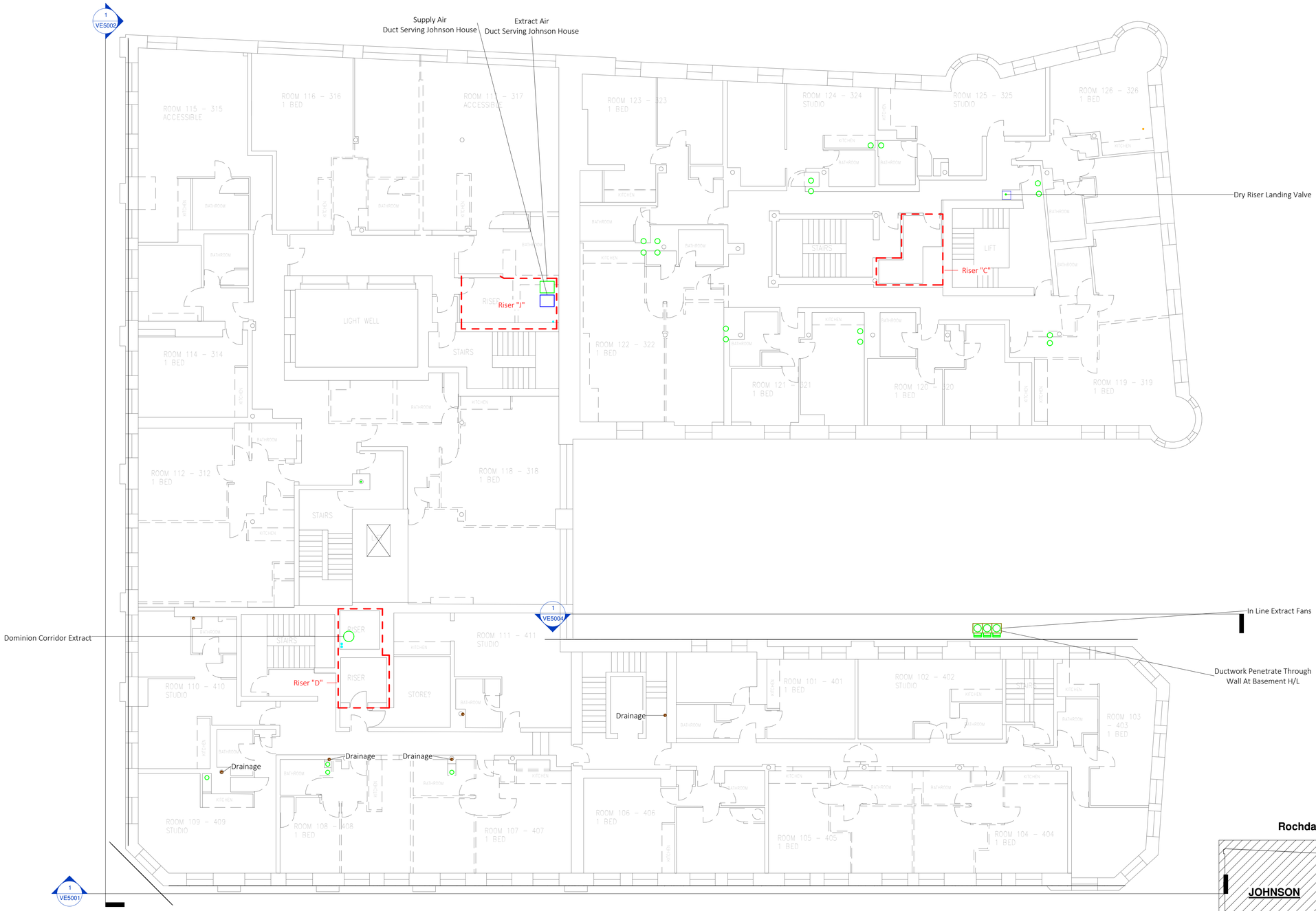
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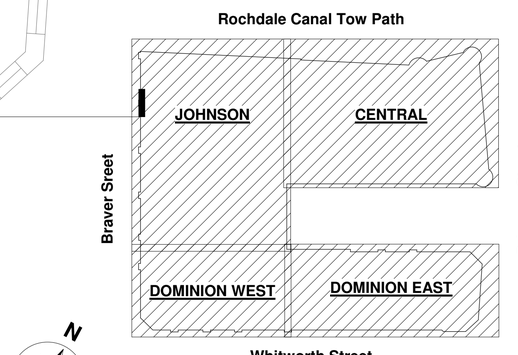
PROJECT
Whitworth Locke Manchester

TITLE
Ground Floor Coordinated Existing Layout

DRAWING No.	SCALE (@A1)	Project Ref:
CE1000	1 : 100	16080

- CONTRACTOR TO PREPARE DETAIL WORKING DRAWINGS FOR APPROVAL SUBSEQUENT TO SITE SURVEY.
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KEY PLAN

1:100 @A1

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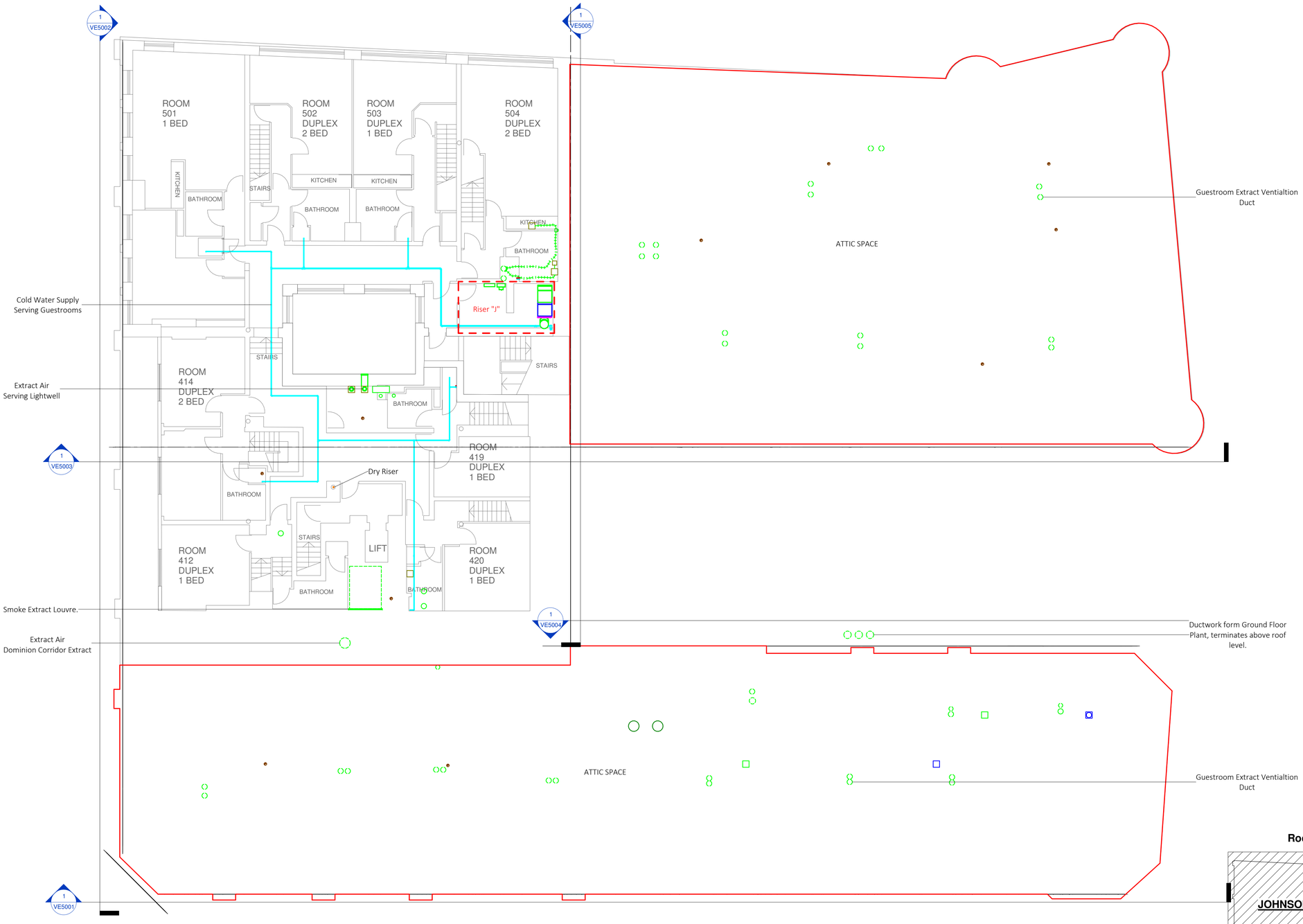
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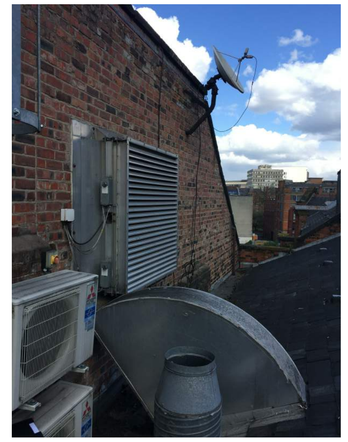
PROJECT
Whitworth Locke Manchester

TITLE
First Floor (Typical) Coordinated Existing Layout

DRAWING No.	SCALE (@A1)	Project Ref:
CE1101	1 : 100	16080

- CONTRACTOR TO PREPARE DETAIL WORKING DRAWINGS FOR APPROVAL SUBSEQUENT TO SITE SURVEY.
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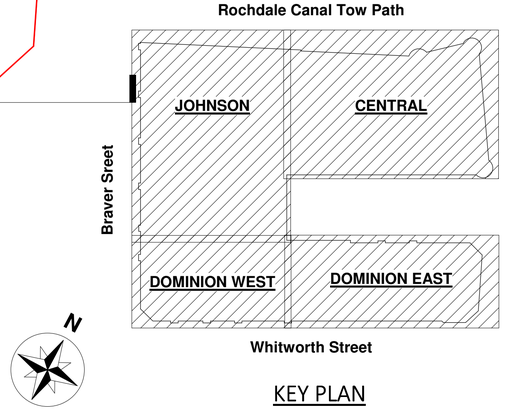




Smoke Extract Survey Photograph 1



Smoke Extract Survey Photograph 2



KEY PLAN

1:100 @A1 — 2m 4m 6m 8m 10m

Rev	Revison	Date
	Design Developmnet Issue 2	20.11.2017

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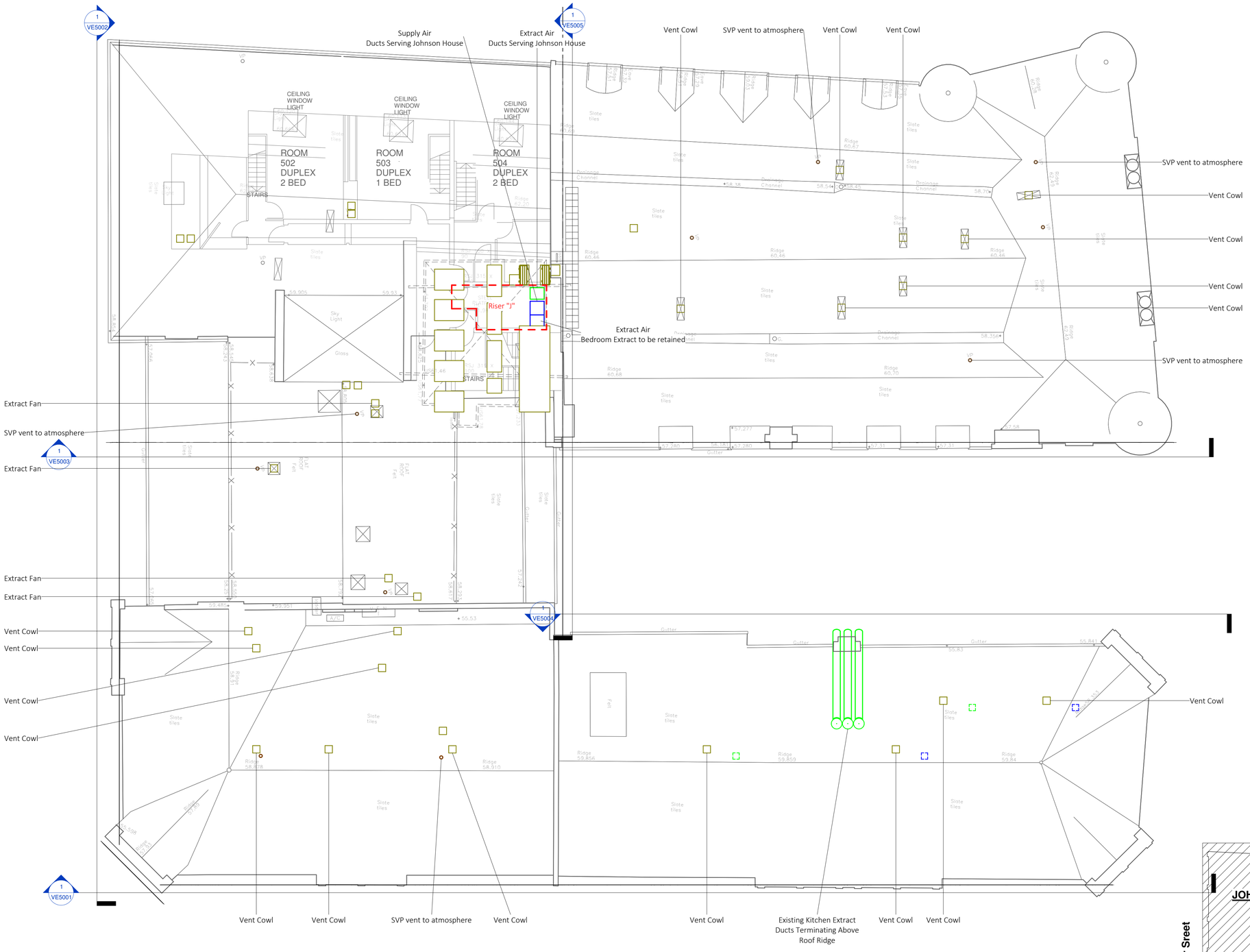
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PROJECT: Whitworth Locke Manchester

TITLE: Fifth Floor Coordinated Existing Layout

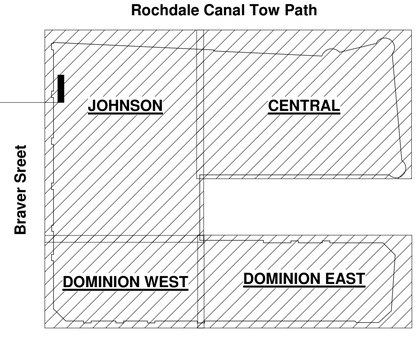
DRAWING No.	SCALE (@A1)	Project Ref:
CE1105	1 : 100	16080

- CONTRACTOR TO PREPARE DETAIL WORKING DRAWINGS FOR APPROVAL SUBSEQUENT TO SITE SURVEY.
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Existing Basement Kitchen Extract Ductwork Survey Photograph 1



KEY PLAN

1:100 @A1 — 2m 4m 6m 8m 10m

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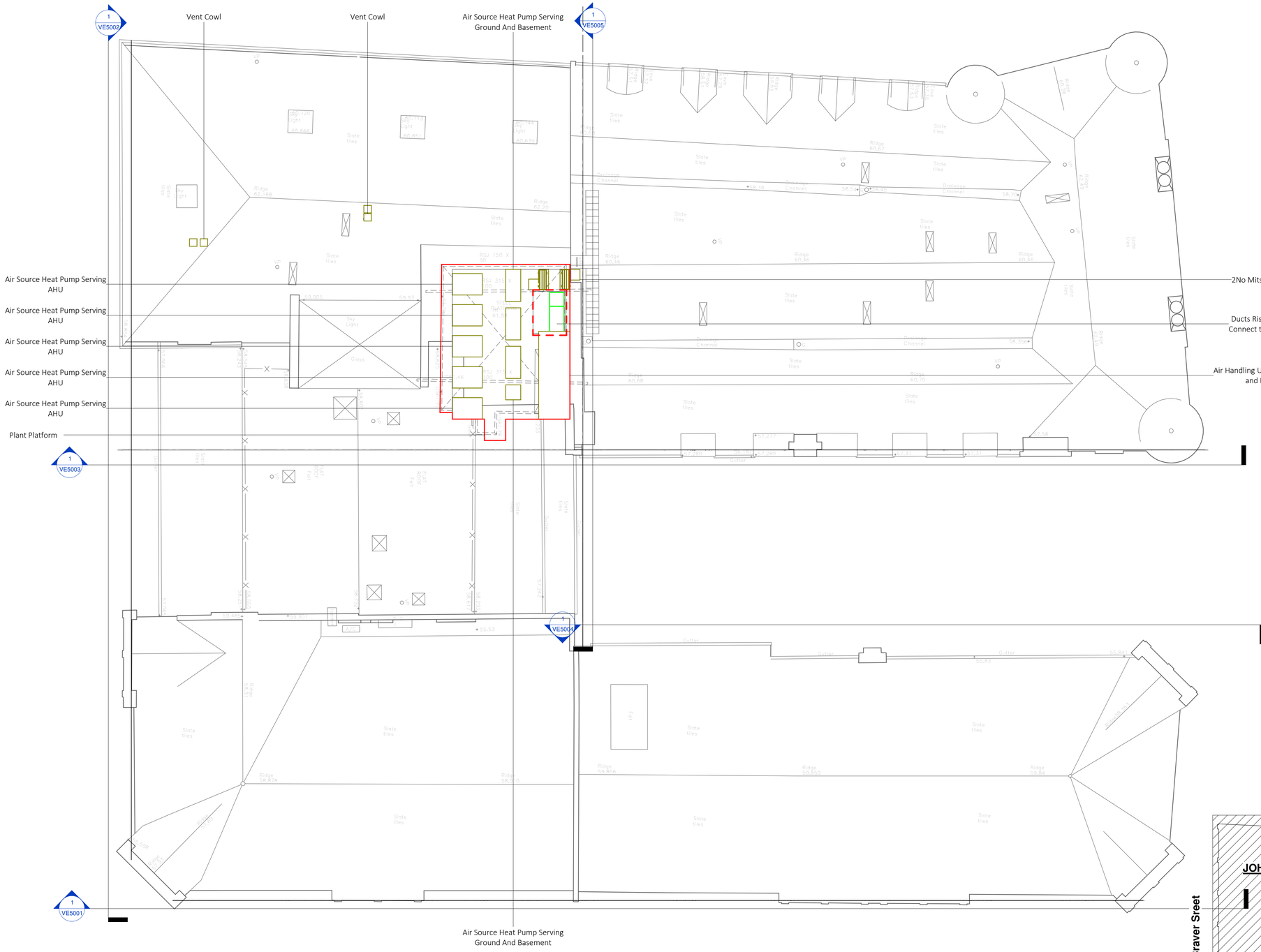
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PROJECT: Whitworth Locke Manchester

TITLE: Sixth Floor Coordinated Existing Layout

DRAWING No.	SCALE (@A1)	Project Ref:
CE1106	1 : 100	16080

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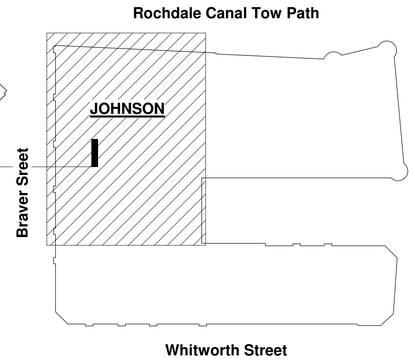




Roof Plantroom Survey Photograph 1



Roof Plantroom Survey Photograph 2



KEY PLAN

1:100 @A1 | 2m | 4m | 6m | 8m | 10m

Rev	Revison	Date
	Design Developmnet Issue 2	20.11.2017

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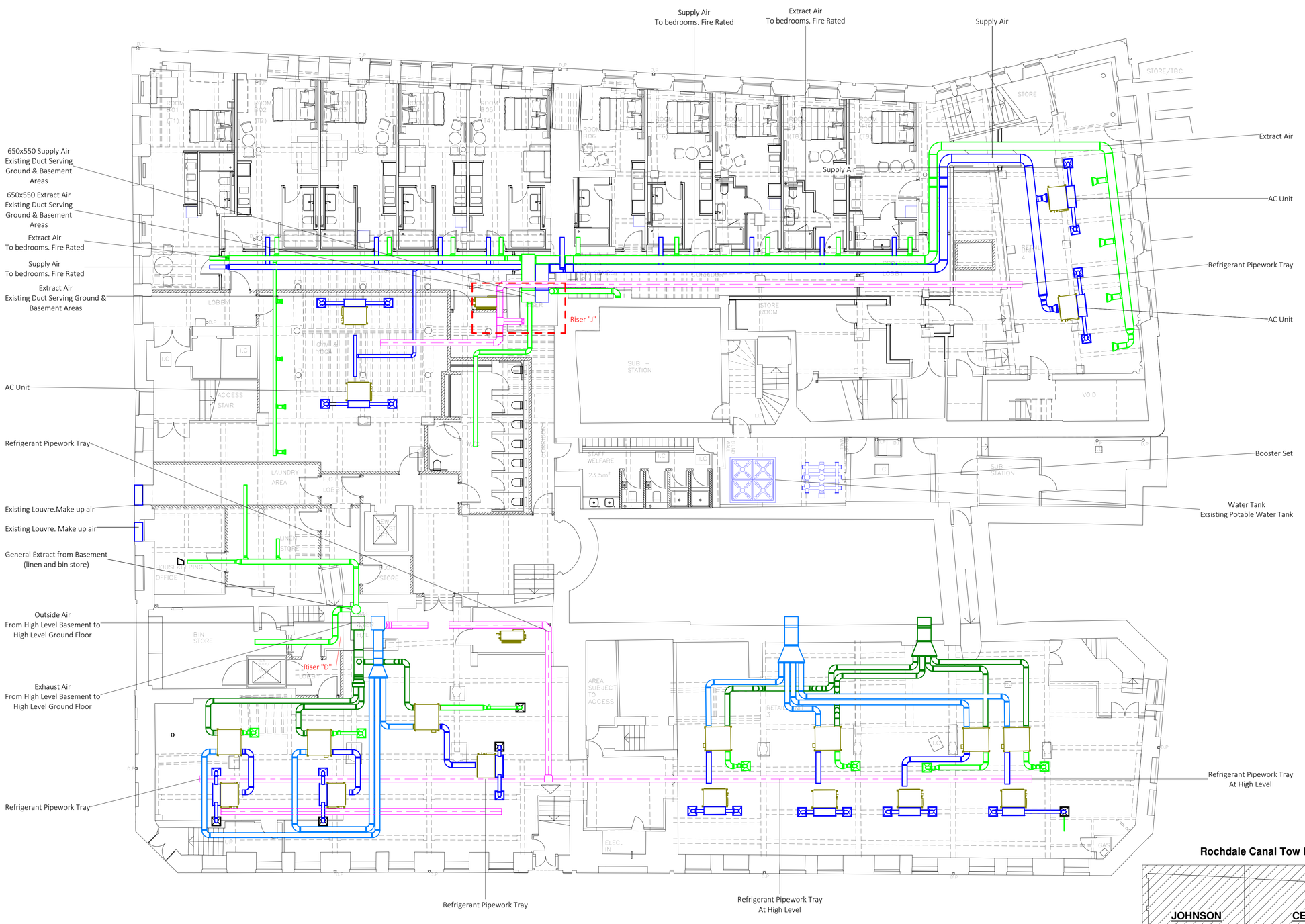
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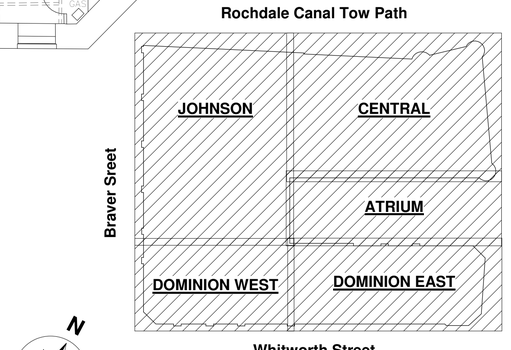
PROJECT: Whitworth Locke Manchester

TITLE: Roof Coordinated Existing Layout

DRAWING No.	SCALE (@A1)	Project Ref:
CE1107	1 : 100	16080

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KEY PLAN

1:100 @A1 — 2m, 4m, 6m, 8m, 10m

Rev	Revision	Date
	Design Developmnet Issue 2	20.11.2017

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PROJECT: Whitworth Locke Manchester

TITLE: Basement - Proposed Layout

DRAWING No.	SCALE (@A1)	Project Ref:
P0001	1 : 100	16080

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Supply Air
To bedrooms. Fire rated

Extract Air
From bedrooms. Fire rated

Extract Air
Existing Duct Serving Ground & Basement Areas

Supply Air
Existing Duct Serving Ground & Basement Areas

0269kW (U25) Gas Meter
(Redundant)

Dry Riser Inlet

Dry Riser Landing Valve

AC Unit

Dry Riser Inlet

Dry Riser Landing Valve

General Extract from Basement
(linen and bin store)

Exhaust Air
From High Level Basement to
High Level Ground Floor

Outside Air
From High Level Basement to
High Level Ground Floor

Air Curtain

Air Curtain

600 x 1100
Kitchen Extract At H/L

Extract Fan 3.75m3/s

2No. ESP Unit Model PCL 7500
ESP/UV-C

Extract Air
Extract System To Be Connected
By Tennant

SUBJECT TO DETAILS FROM F/B TENANT

SUBJECT TO DETAILS FROM F/B TENANT

Kitchen Supply Duct 1000x500
At High Level For Connection By
The Tenant

2No Plasma Clean Xtract Model
2100 Plus

1
V5001

V5004

Rochdale Canal Tow Path

Braver Sreet

Princess Street

Whitworth Street

JOHNSON

CENTRAL

ATRIUM

DOMINION WEST

DOMINION EAST

N

KEY PLAN

1:100 @A1

2m 4m 6m 8m 10m

Rev	Revison	Date
	Design Developmnet Issue 2	20.11.2017

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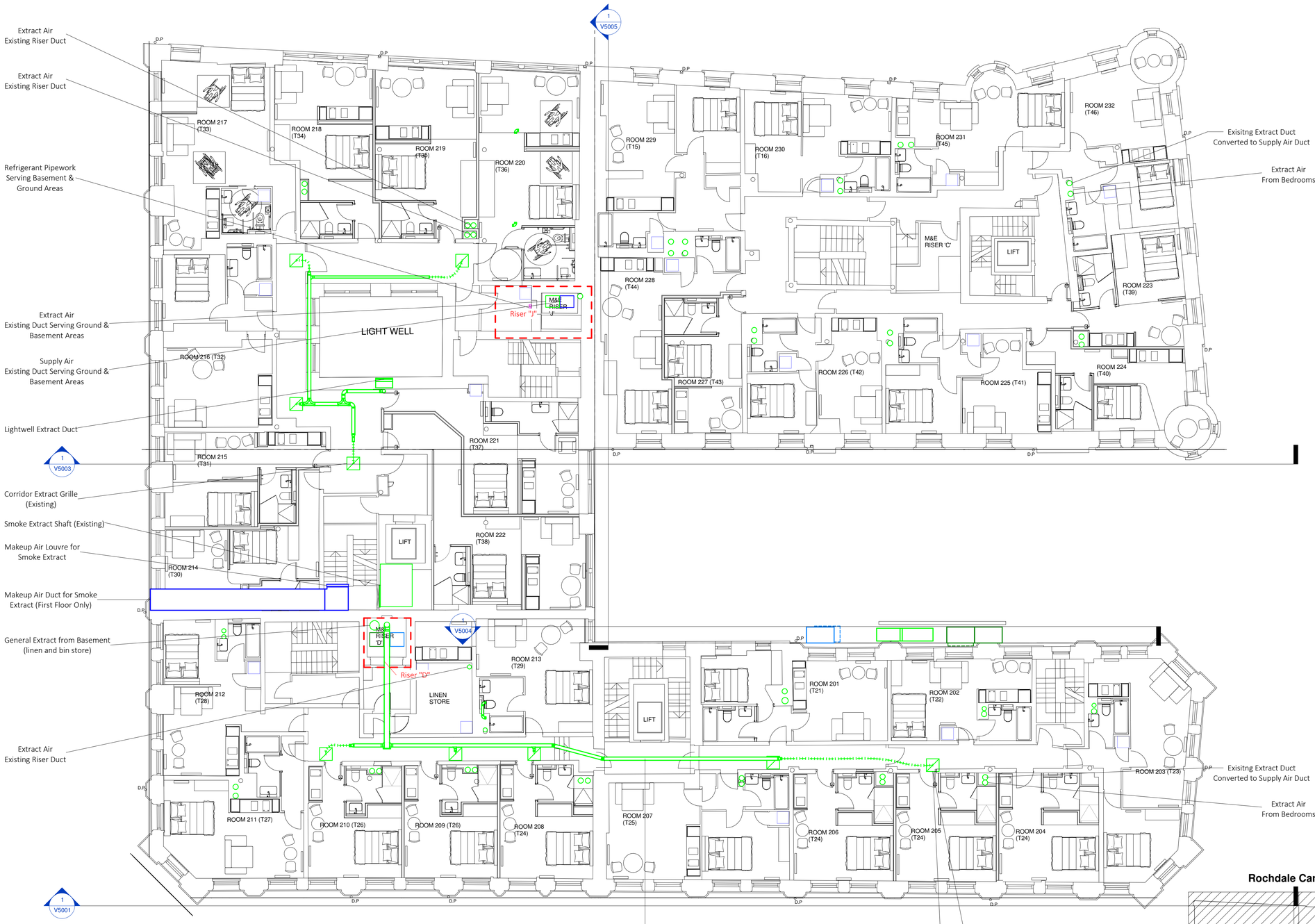
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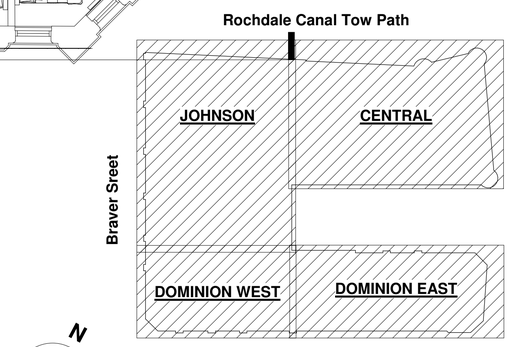
PROJECT
Whitworth Locke Manchester

TITLE
Ground Floor - Proposed Layout

DRAWING No.	SCALE (@A1)	Project Ref:
P1000	1 : 100	16080

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KEY PLAN

1:100 @A1 | 2m | 4m | 6m | 8m | 10m

Rev	Revison	Date
	Design Developmnet Issue 2	20.11.2017

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PROJECT
Whitworth Locke Manchester

TITLE
First Floor (Typical) - Proposed Layout

DRAWING No.	SCALE (@A1)	Project Ref:
P1101	1 : 100	16080

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650x550 Supply Air Existing Duct Serving Ground & Basement Areas

Extract Air Bathroom Extract

650x550 Extract Air Existing Duct Serving Ground & Basement Areas

Refrigerant Pipework Serving Basement & Ground Areas

Extract Air

Extract Air Lightwell Extract

Smoke Extract Shaft (Existing)

Extract Air 200ø Riser Duct

General Extract from Basement (linen and bin store)

Common duct exhaust air discharge at low level

Common duct fresh air discharge at low level

Kitchen Extract duct from below to high level

ROOM 502 T54
ROOM 503 T55
ROOM 504 T56
ROOM 505 T57
ROOM 501 T53
ROOM 509 T52
ROOM 506 T58
ROOM 507 T59
ROOM 508 T51
LIGHT WELL
LINEN STORE
LIFT
Riser "J"
ATTIC SPACE
ATTIC SPACE

1 V5005
1 V5003
1 V5004
1 V5001
2 C1105

Rochdale Canal Tow Path
Braver Sreet
Princess Street
Whitworth Street
JOHNSON
CENTRAL
DOMINION WEST
DOMINION EAST
N

KEY PLAN

1:100 @A1 — 2m 4m 6m 8m 10m

Rev	Revision	Date
	Design Developmnet Issue 2	20.11.2017

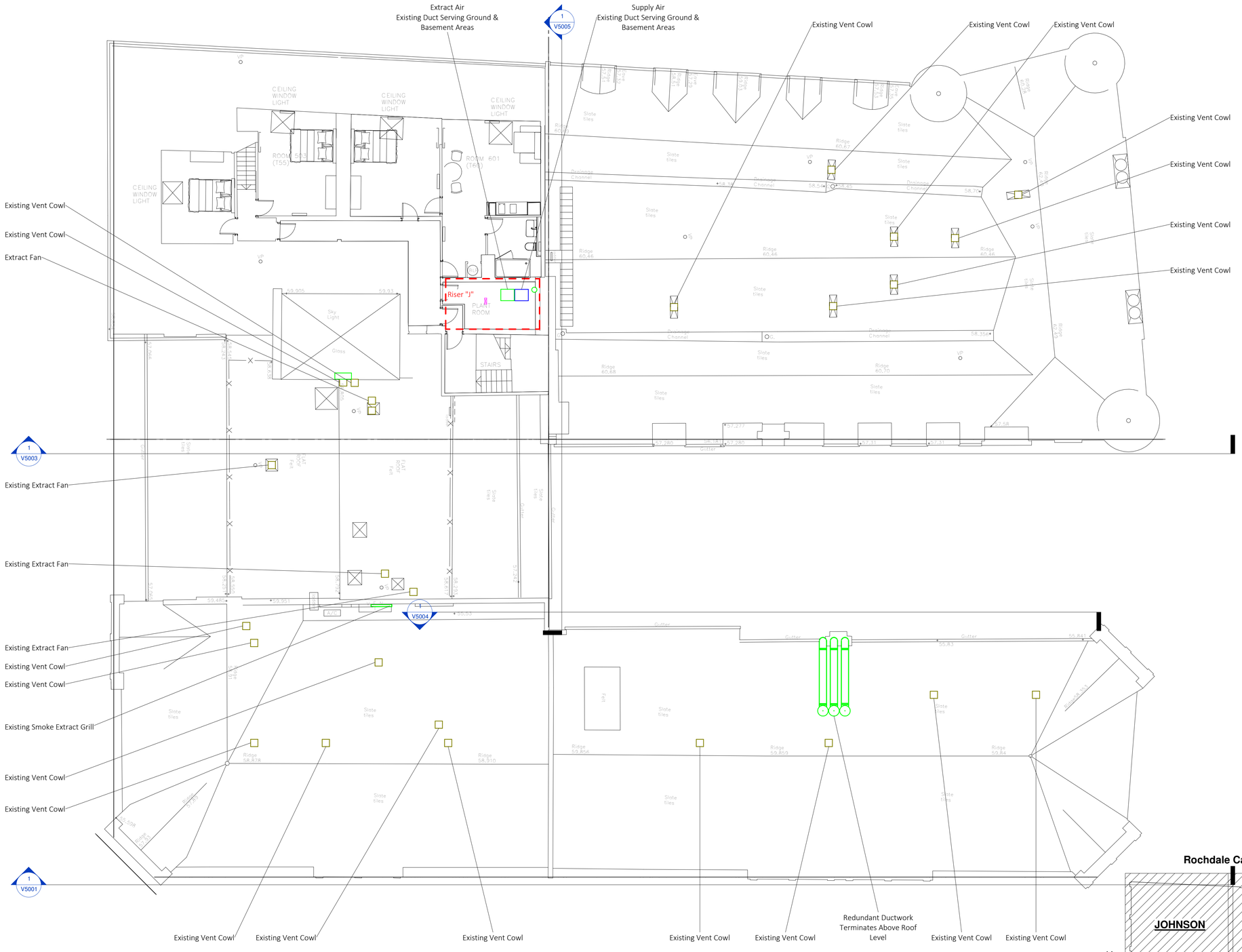
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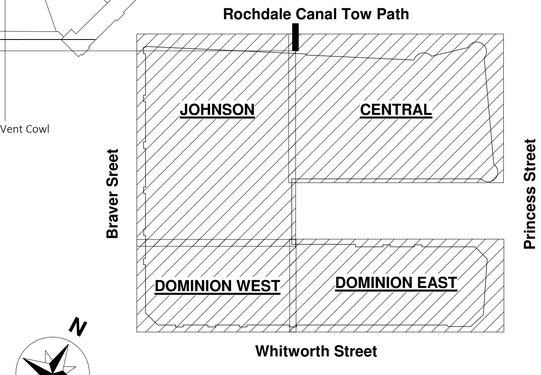
PROJECT
Whitworth Locke Manchester

TITLE
Fifth Floor - Proposed Layout

DRAWING No.	SCALE (@A1)	Project Ref:
P1105	1 : 100	16080

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KEY PLAN

1:100 @A1 — 2m 4m 6m 8m 10m

Rev	Revison	Date
	Design Developmnet Issue 2	20.11.2017

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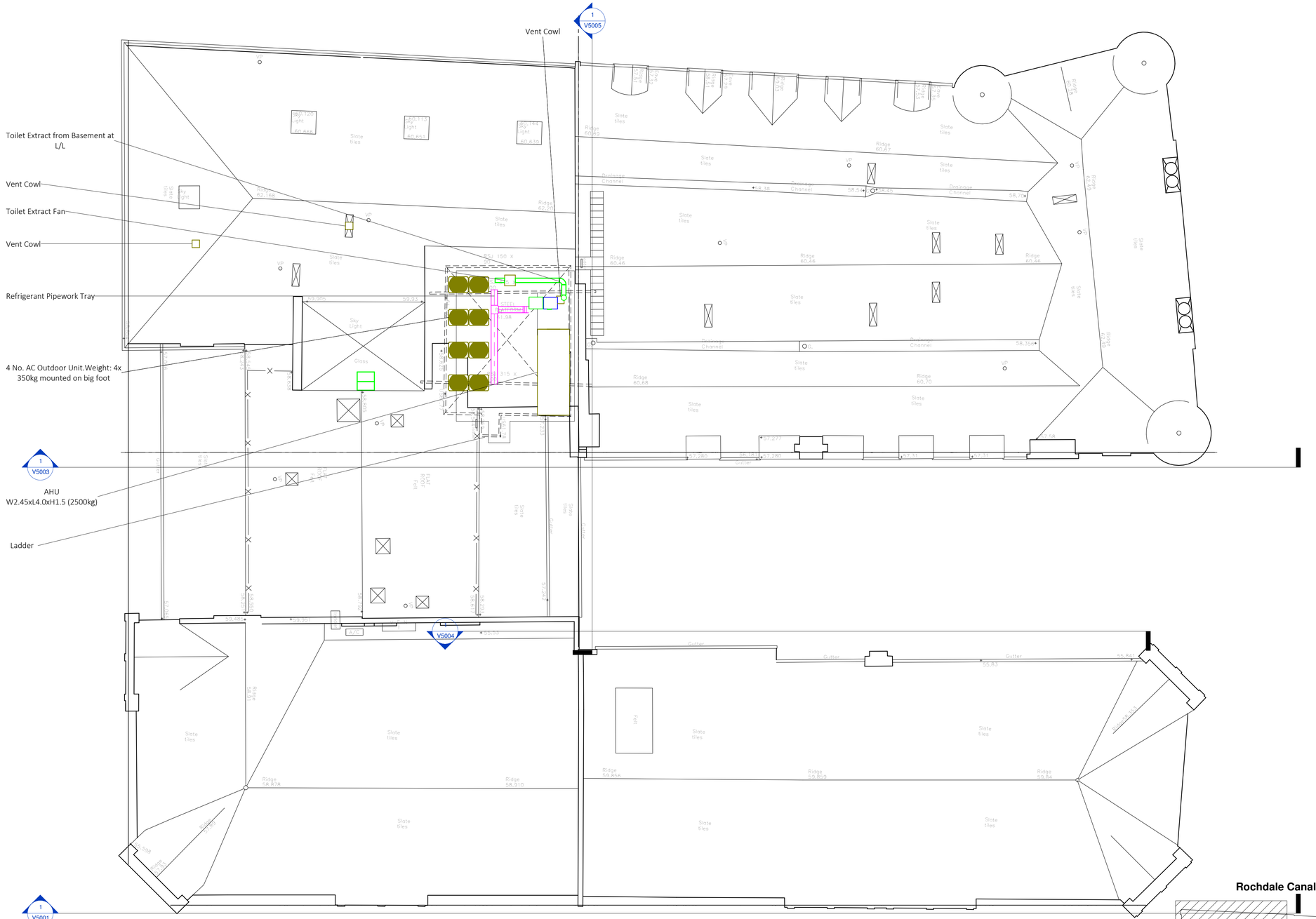
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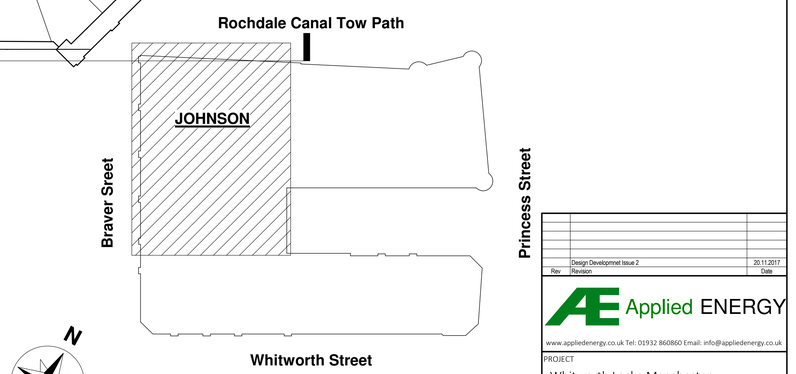
PROJECT
Whitworth Locke Manchester

TITLE
Sixth Floor - Proposed Layout

DRAWING No.	SCALE (@A1)	Project Ref:
P1106	1 : 100	16080

- CONTRACTOR TO PREPARE DETAIL WORKING DRAWINGS FOR APPROVAL SUBSEQUENT TO SITE SURVEY.
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KEY PLAN

1:100 @A1 — 2m 4m 6m 8m 10m

Rev	Revision	Date
	Design Developmnet Issue 2	20.11.2017

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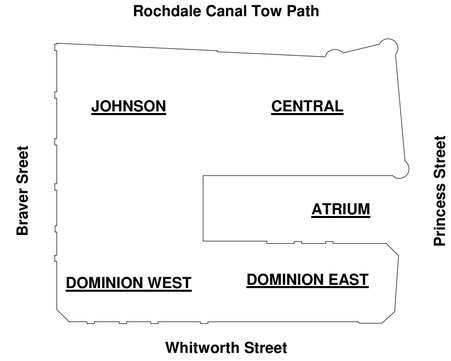
TITLE
Roof - Proposed Layout

DRAWING No.	SCALE (@A1)	Project Ref:
P1107	1 : 100	16080

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1 Proposed South Elevation
1 : 100



ELEVATION KEY PLAN

1:100 @A1 — 2m 4m 6m 8m 10m

Rev	Revison	Date
	Design Developmnet Issue 2	20.11.2017

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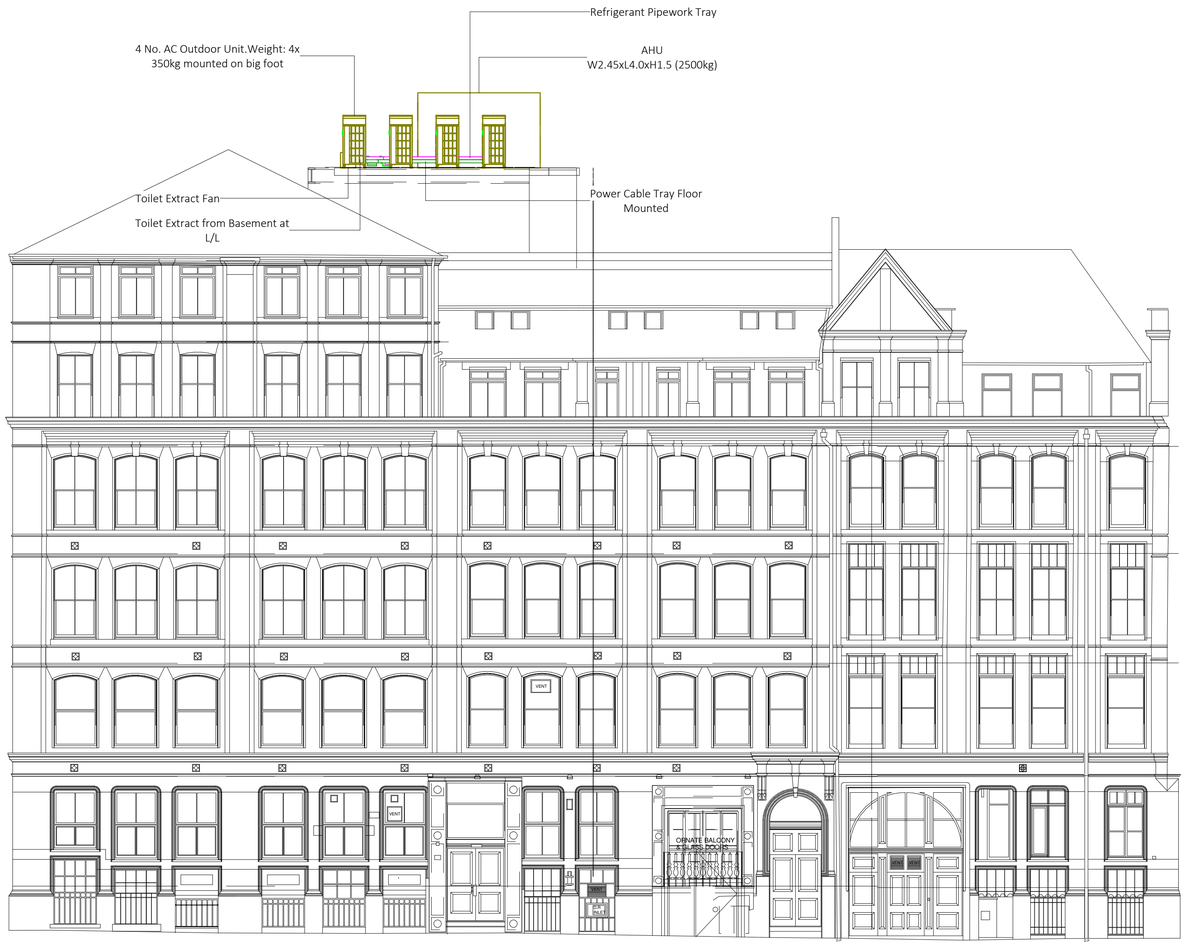
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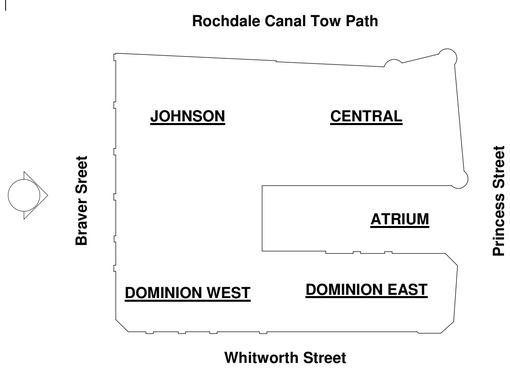
TITLE
Proposed South Elevation

DRAWING No.	SCALE (@A1)	Project Ref:
V5001	1 : 100	16080

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1 Proposed West Elevation
1 : 100



ELEVATION KEY PLAN

2m 4m 6m 8m 10m
1:100 @A1

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TITLE
Proposed West Elevation

DRAWING No.	SCALE (@A1)	Project Ref:
V5002	1 : 100	16080

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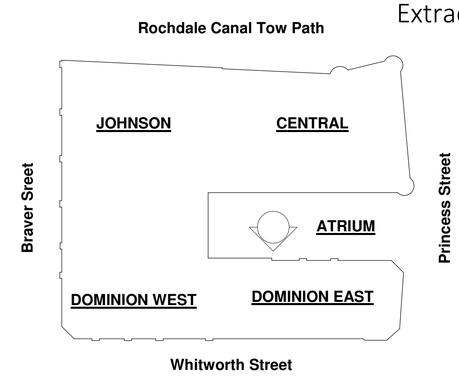
1 Proposed Atrium South Elevation
1 : 100



Existing Ground Floor Kitchen Extract Survey Photograph 1



Existing Ground Floor Kitchen Extract Survey Photograph 2



ELEVATION KEY PLAN

1:100 @A1 — 2m 4m 6m 8m 10m

Rev	Revison	Date
	Design Developmnet Issue 2	20.11.2017

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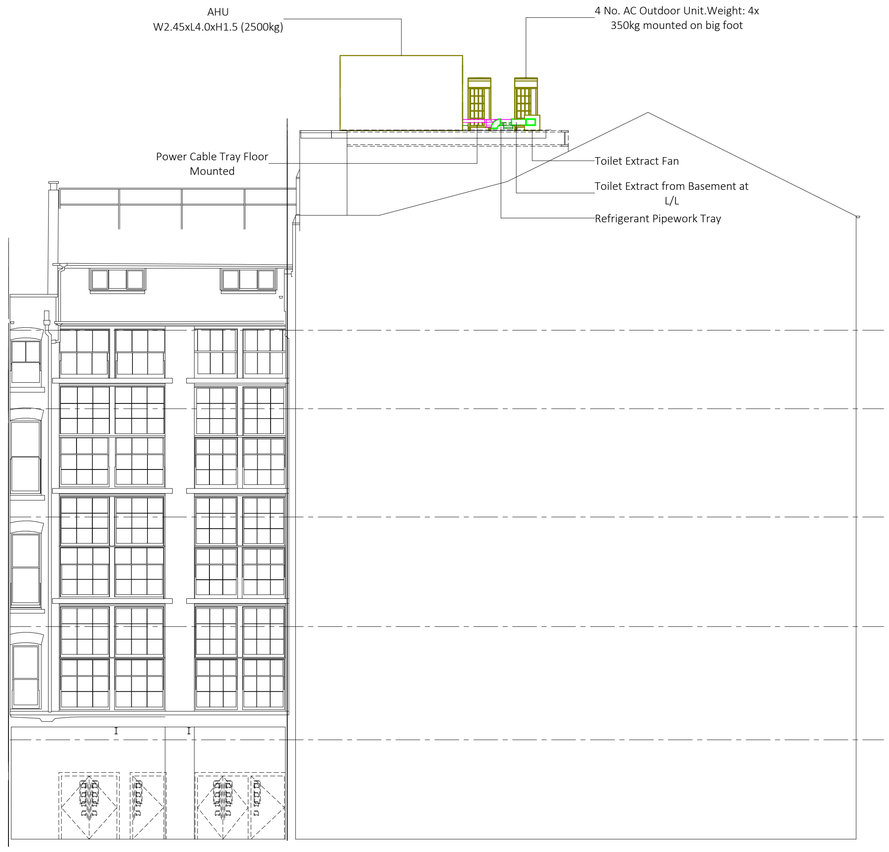
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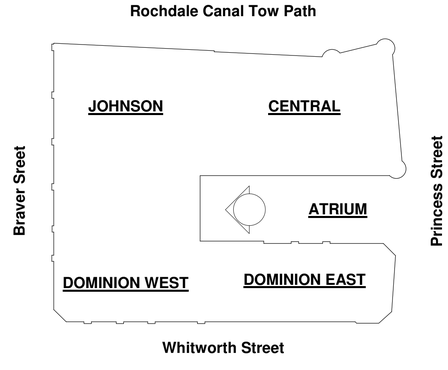
TITLE
Proposed Atrium South Elevation

DRAWING No.	SCALE (@A1)	Project Ref:
V5004	1 : 100	16080

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1 Proposed Atrium West Elevation
1 : 100



ELEVATION KEY PLAN

1:100 @A1 — 2m 4m 6m 8m 10m

Rev	Revison	Date
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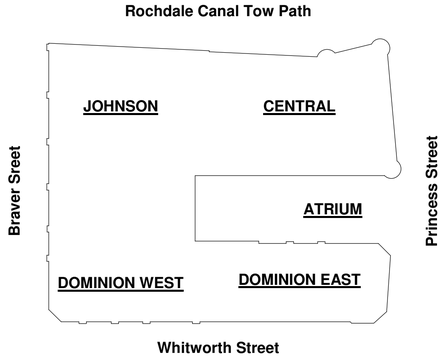
TITLE
Proposed Atrium West Elevation

DRAWING No.	SCALE (@A1)	Project Ref:
V5005	1 : 100	16080

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1 Existing South Elevation
1 : 100



ELEVATION KEY PLAN

1:100 @A1 — 2m 4m 6m 8m 10m

Rev	Revison	Date
	Design Developmnet Issue 2	20.11.2017

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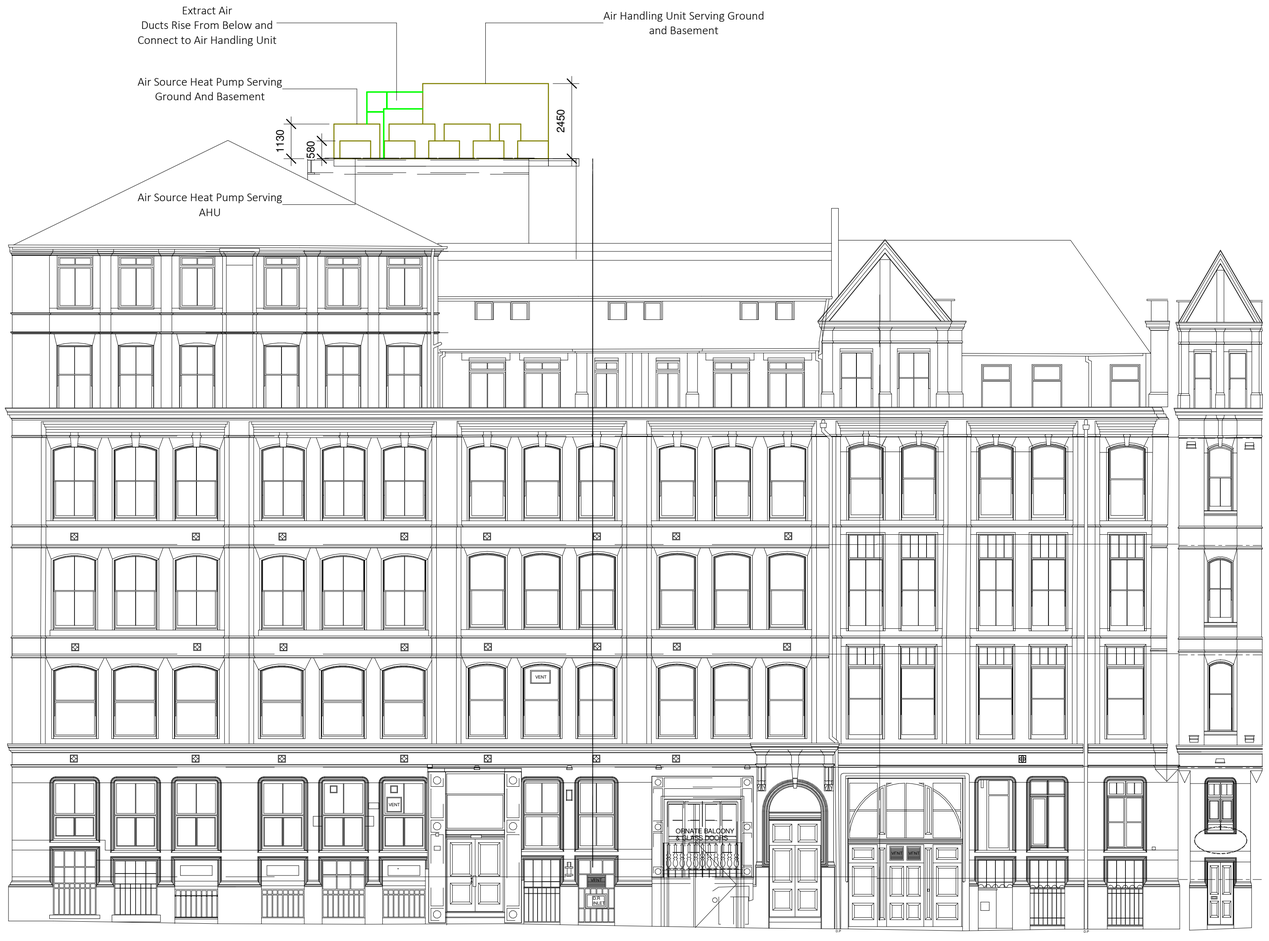
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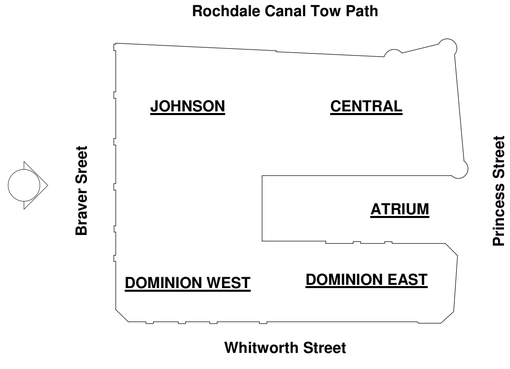
TITLE
Existing South Elevation

DRAWING No.	SCALE (@A1)	Project Ref:
VE5001	1 : 100	16080

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1 Existing West Elevation
1 : 100



ELEVATION KEY PLAN

1:100 @A1 — 2m 4m 6m 8m 10m

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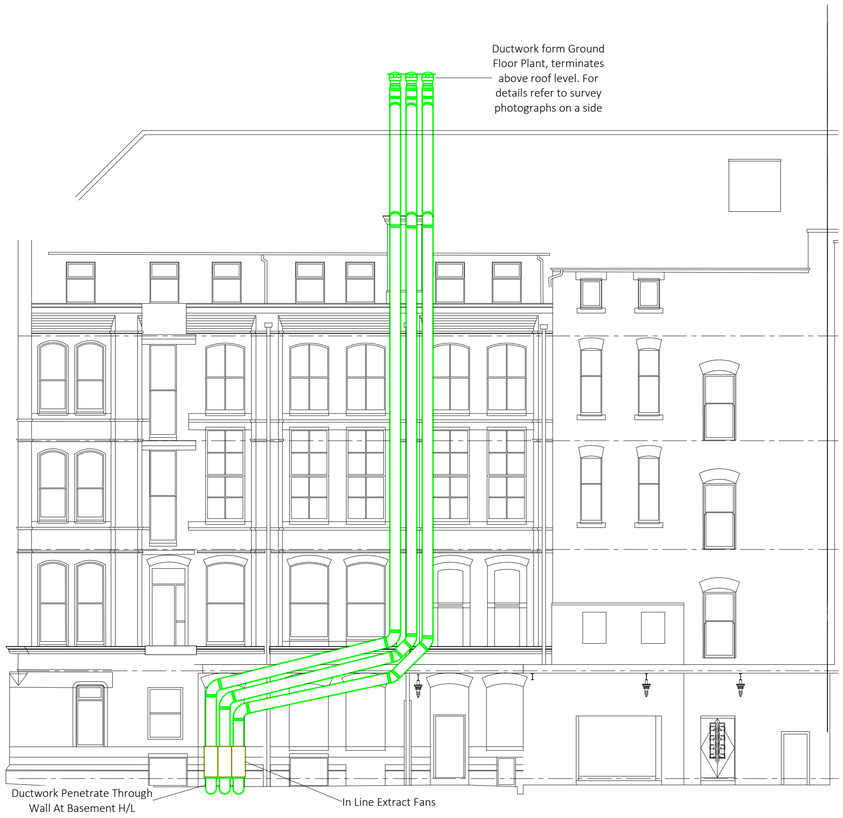
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TITLE
Existing West Elevation

DRAWING No.	SCALE (@A1)	Project Ref:
VE5002	1 : 100	16080

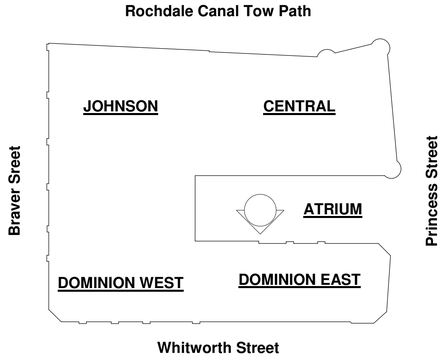
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1 Existing Atrium South Elevation
1 : 100



Existing Basement Kitchen Extract Ductwork Survey Photograph 1



ELEVATION KEY PLAN

1:100 @A1 | 2m | 4m | 6m | 8m | 10m

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	Design Developmnet Issue 2	20.11.2017

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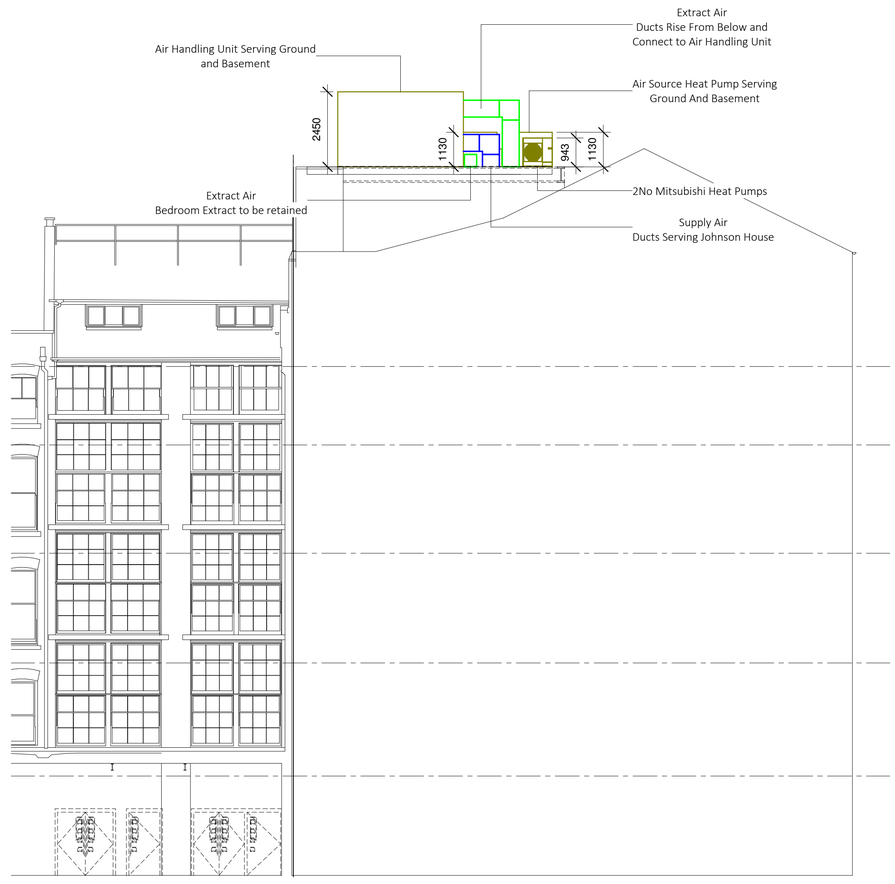
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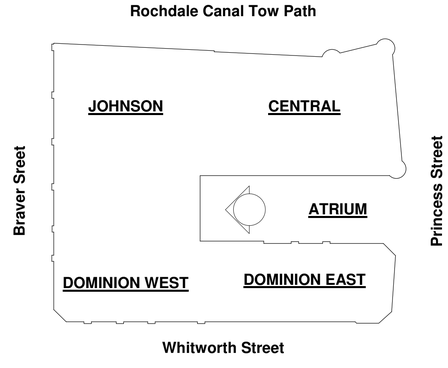
TITLE
Existing Atrium South Elevation

DRAWING No:	SCALE (@A1)	Project Ref:
VE5004	1 : 100	16080

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1 Existing Atrium West Elevation
1 : 100



ELEVATION KEY PLAN

1:100 @A1 (2m, 4m, 6m, 8m, 10m)

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TITLE
Existing Atrium West Elevation

DRAWING No.	SCALE (@A1)	Project Ref:
VE5005	1 : 100	16080