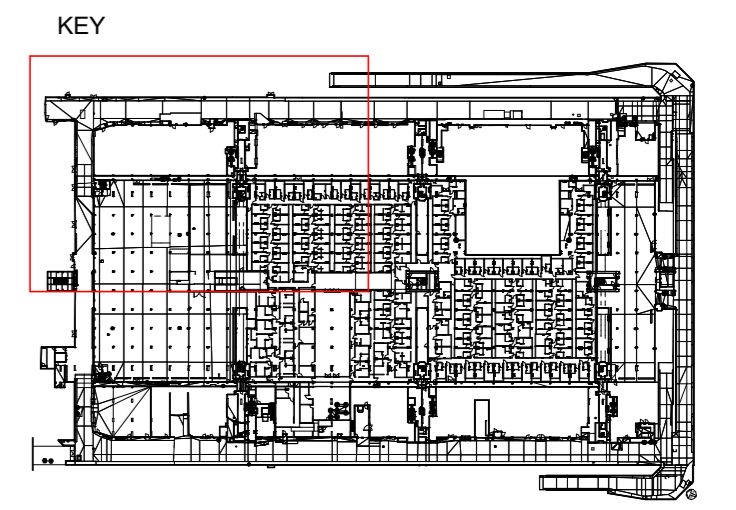


PROPOSE TO ROUTE NEW CONDENSER REFRIGERANT PIPEWORK FROM THE ROOF ABOVE VIA EXISTING RISER 'Y' TO HIGH LEVEL.

- NOTES**
1. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION OR INSTALLATION PURPOSES UNLESS EXPRESSLY STATED.
 2. ALL INFORMATION AND LAYOUT ON THIS DRAWING IS SUBJECT TO SITE DIMENSION CHECKS TO NET SCALE FROM THIS DRAWING ALWAYS.
 3. WORK TO NOTED DIMENSIONS.
 4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 5. ALL DIMENSIONS MUST BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL, ENGINEER, MEP DRAWINGS AND SPECIFICATIONS.
 6. ANY DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATION OR RELATED DOCUMENT, THE ENGINEER SHALL BE NOTIFIED IN WRITING FOR VERIFICATION OF DISCREPANCY WITH THE RELEVANT STATUTORY REGULATIONS, BUILDING REGULATIONS, BRITISH STANDARDS, ACCEPTED CODES OF PRACTICE AND TRADE ASSOCIATION REQUIREMENTS.
 7. IT IS THE CONTRACTORS RESPONSIBILITY TO LAISE WITH THE MAIN CONTRACTOR AND ALL OTHER TRADES TO ENSURE THE CORRECT CO-ORDINATION OF THE WORKS AND TO AVOID CLASHES.



EXISTING CAR PARK EXTRACT SHAFTS, GRILLES AT HL.
THIS VENTILATION SYSTEM NEEDS TO BE MAINTAINED.

PROPOSED LOCATION OF SPRINKLER PLANT ROOM DOUBLE HEIGHT PLANT SPACE.
TRADITIONAL SYSTEM 100m² REQUIRED.
MIST SYSTEM 70m² REQUIRED.

PROPOSED LOCATION OF GREYWATER HARVESTING PLANT ROOM.
12m² REQUIRED.
DOUBLE HEIGHT PLANT SPACE.

CAR PARK VENTILATION DUCT REQUIRED TO EXTEND FROM EXISTING VENTILATION SHAFT. DUCT 2500mm(W) x 600mm(D), TO TERMINATE WITH BIRD MESH.

AHU 2, 3m x 6m, DOUBLE HEIGHT PLANT SPACE.

AHU 3, 3m x 7.5m, DOUBLE HEIGHT PLANT SPACE.

AHU 1, 3m x 6m, DOUBLE HEIGHT PLANT SPACE.

CAR PARK VENTILATION DUCT REQUIRED TO EXTEND FROM EXISTING VENTILATION SHAFT. DUCT 2500mm(W) x 600mm(D), TO TERMINATE WITH BIRD MESH.

LIFE SAFETY SWITCHROOM, 2.5m x 2m

RELOCATED LANDLORDS WATER FEATURE PLANT ROOM.

LOCAL MECHANICAL EXTRACT SYSTEM TO DISCHARGE INTO THE CAR PARK.

AHU 03 FRESH AIR INTAKE DUCT

AHU 03 EXHAUST AIR DUCT

AHU 03 SUPPLY AIR DUCT DISTRIBUTES FROM THE PLANT ROOM INTO THE HOTEL.

AHU 03 EXTRACT AIR DUCT DISTRIBUTES FROM THE PLANT ROOM INTO THE HOTEL.

RELOCATED LANDLORDS WATER FEATURE PLANT ROOM.

LOCAL MECHANICAL EXTRACT SYSTEM TO DISCHARGE INTO THE CAR PARK.

EXISTING WATER FEATURE PLANT ROOM TO BE RELOCATED.

AHU 01 SUPPLY AIR DUCT DISTRIBUTES FROM THE PLANT ROOM INTO THE HOTEL.

AHU 01 EXTRACT AIR DUCT DISTRIBUTES FROM THE PLANT ROOM INTO THE HOTEL.

EXISTING VENT SHAFT FROM PODIUM ABOVE TO HL BE RETAINED TO PROVIDE FRESH AIR INTAKE INTO THE HOTEL.

AHU 02 EXTRACT AIR DUCT DISTRIBUTES FROM THE PLANT ROOM INTO THE HOTEL.

SMOKE VENTILATION FRESH AIR INTAKE DUCT CONNECTS TO EXISTING BUILDERSWORK SHAFT AT HL.

AHU 02 SUPPLY AIR DUCT DISTRIBUTES FROM THE PLANT ROOM INTO THE HOTEL.

AHU 02 FRESH AIR INTAKE DUCT

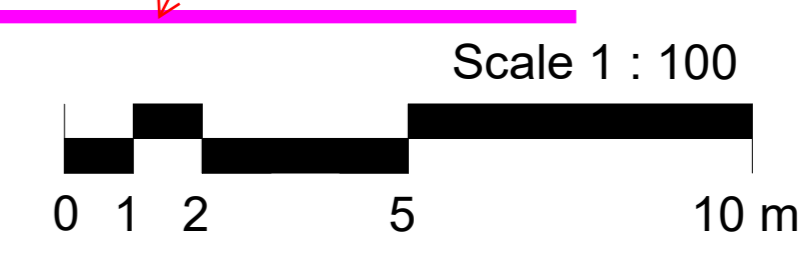
AHU 01 FRESH AIR INTAKE DUCT

EXISTING CAR PARK EXTRACT SHAFTS, GRILLES AT HL. THIS VENTILATION SYSTEM NEEDS TO BE MAINTAINED.

AHU 02 EXHAUST AIR DUCT

AHU 01 EXHAUST AIR DUCT

1 Upper Basement -1 TOP LEFT
1:100



P2	STAGE 2 - PRE PLANNING	17.07.23
P1	STAGE 2 - PRE PLANNING	16.08.23
Revision	Description	Date
Drawing Status: PRELIMINARY		
PSH <small>www.pshconsulting.co.uk</small> London Office: 10 Devonshire Square, London EC2N 4YP, T: 0203 039 3840, E: info@pshconsulting.co.uk Wokingham Office: 6 Alexandra Court, Wokingham Berkshire, RG40 2SL, T: 0118 977 4747, E: info@pshconsulting.co.uk		
Architect:	AXIOM	
Client:	LAZARI INVESTMENTS LTD	
Project:	BRUNSWICK CENTRE	
Title:	LEVEL B1 SHEET 01 MECHANICAL SERVICES LAYOUT	
Drawn: SF	Chk/Appd: DUJ	Date: Issue Date
Scale: As	Scale: As	Scale: As
Drawing No: 3608-PSH-ZZ-B1-DR-M-7000-1	Drawing No: 3608-PSH-ZZ-B1-DR-M-7000-1	Issue: P2