

- 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. DO NOT SCALE FROM THIS DRAWING ALWAYS WORK TO NOTED DIMENSIONS.
 3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
 4. ALL DIMENSIONS MUST BE VERIFIED ON SITE BEFORE COMPLETING SHOP DRAWINGS OR SETTING OUT THE WORKS.
 5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, STRUCTURAL ENGINEERS, MEP CONSULTANT DRAWINGS AND SPECIFICATIONS.
 6. ANY DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATION OR RELATED DOCUMENT, THE ENGINEER SHALL BE NOTIFIED IN WRITING FOR VERIFICATION OF DISCREPANCY.
 7. ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS WILL BE SEALED AND FIRE STOPPED.

LINEN EXTRACT GRILLE

- 3187/H/B/EG/003
- 300mm x 300mm

KITCHEN SUPPLY GRILLE - BACKGROUND VENTILATION ONLY.

- 3187/H/B/SG/006
- 600mm x 600mm

TOP TO BOTTOM:

- 400mmx200mm KITCHEN SUPPLY AIR DUCT DROPS FROM ABOVE TO HIGH LEVEL.
- 400mmx200mm KITCHEN EXTRACT DUCT RISES FROM HIGH LEVEL TO ABOVE

HEATING AND COOLING SHALL BE PROVIDED TO THE KITCHEN VIA A 4-WAY BLOW VRF FAN COIL UNIT.

- 3187/H/B/FCU/006 - 007
- 840mm(W)x840mm(D)x248mm(H)

FUSED SPUR FOR FUTURE ELECTRIC PANEL HEATER CONNECTION

KITCHEN EXTRACT GRILLE - BACKGROUND VENTILATION ONLY.

- 3187/H/B/EG/005
- 600mm x 600mm

TEAM ROOM EXTRACT GRILLE

- 3187/H/B/EG/004
- 150mm x 150mm

KITCHEN SUPPLY GRILLE - BACKGROUND VENTILATION ONLY.

- 3187/H/B/SG/007
- 600mm x 600mm

KITCHEN EXTRACT GRILLE - BACKGROUND VENTILATION ONLY.

- 3187/H/B/EG/006
- 600mm x 600mm

HEATING AND COOLING SHALL BE PROVIDED TO THE TEAM ROOM VIA A WALL-MOUNTED VRF FAN COIL UNIT

- 3187/H/B/FCU/005
- 760mm(W)x168mm(D)x250mm(H)

TEAM ROOM SUPPLY GRILLE

- 3187/H/B/SG/001 150mm x 150mm

RETURN AIR LINEAR SLOT DIFFUSER

- 3187/H/B/LSO/001

UA WC EXTRACT VALVE

- 3187/H/B/EV/001 100Ø

LST ELECTRIC RADIATOR

- 3187/H/B/EPH/002 - 500mm(W)x500mm(H)x40mm(D)

SUPPLY AIR VIA LINEAR SLOT DIFFUSER 3187/H/B/LSO/002.

ALL INACTIVE SECTIONS SHALL BE BLOCKED OFF BY THE MECHANICAL CONTRACTOR TO FORCE RETURN AIR BACK TO THE MVHR AND FCU'S VIA THE RETURN AIR DIFFUSERS

ELECTRIC PANEL RADIATOR

- 3187/H/B/EPH/001 - 500mm(W)x500mm(H)x40mm(D)

WC LOBBY SUPPLY GRILLE

- 3187/H/B/SG/002 200mm x 200mm

WC ROOM EXTRACT VALVE

- 3187/H/B/EV/002 100Ø

COSHH STORE EXTRACT VALVE

- 3187/H/B/EV/003 100Ø

LINEAR SLOT DIFFUSER 3187/H/B/LSO/003.

ALL INACTIVE SECTIONS SHALL BE BLOCKED OFF BY THE MECHANICAL CONTRACTOR TO FORCE RETURN AIR BACK TO THE MVHR AND FCU'S VIA THE RETURN AIR DIFFUSERS

HORIZONTAL CHASSIS TYPE VRF FAN COIL UNIT INSTALLED AT HIGH LEVEL WITHIN THE CEILING VOID.

- 3187/H/B/FCU/001-900mm(W)x732mm(D)x250mm(H)
- 3187/H/B/FCU/002-900mm(W)x732mm(D)x250mm(H)

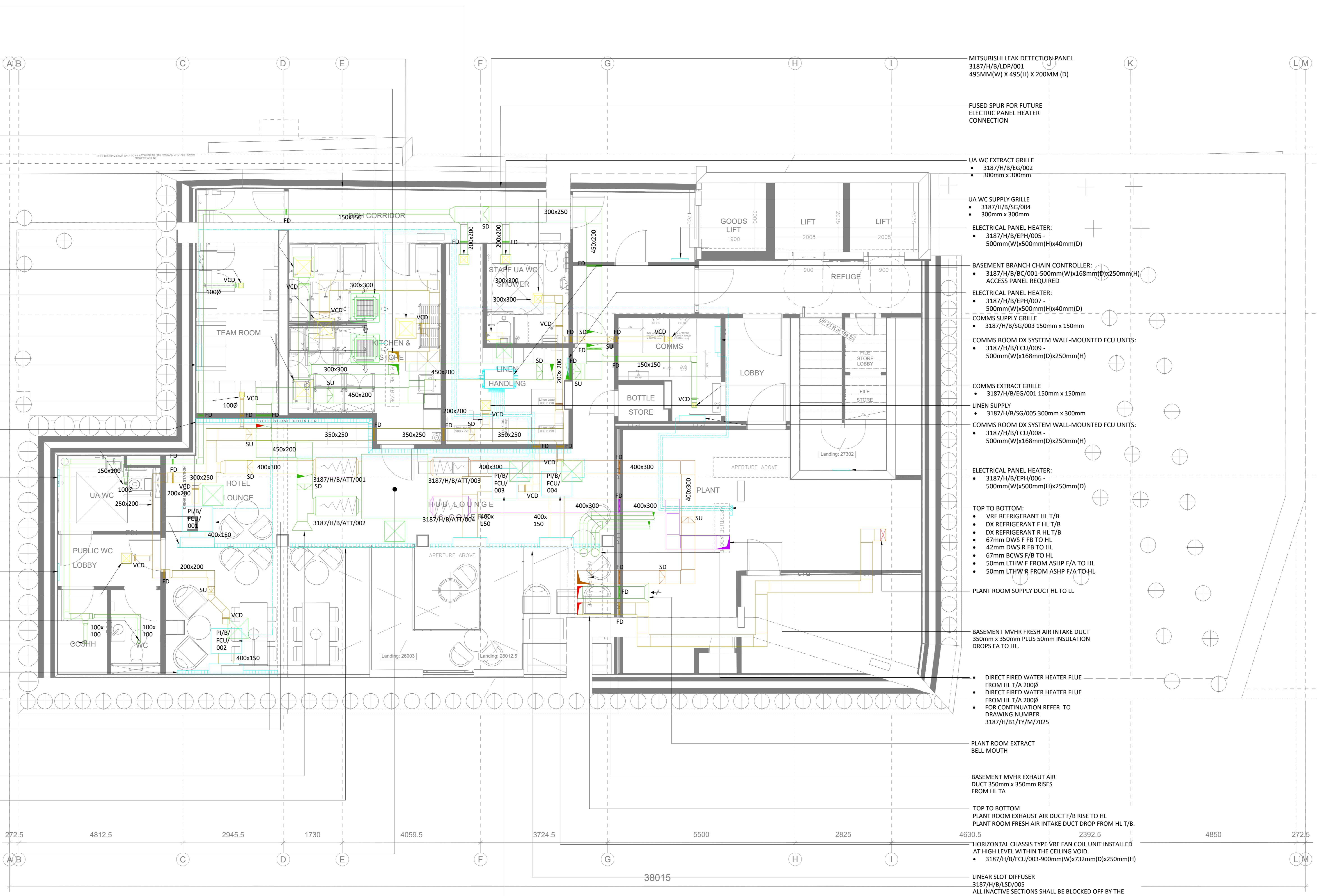
HOTEL LOUNGE EXTRACT BELL-MOUTH

SUPPLY AIR VIA LINEAR SLOT DIFFUSER 3187/H/B/LSO/004.

ALL INACTIVE SECTIONS SHALL BE BLOCKED OFF BY THE MECHANICAL CONTRACTOR TO FORCE RETURN AIR BACK TO THE MVHR AND FCU'S VIA THE RETURN AIR DIFFUSERS

MECHANICAL VENTILATION HEAT RECOVERY UNIT.

- 3187/H/B/MVHR/001-1940mm(W)x1895mm(D)x508mm



MITSUBISHI LEAK DETECTION PANEL 3187/H/B/LDP/001 495MM(W) X 495(H) X 200MM (D)

FUSED SPUR FOR FUTURE ELECTRIC PANEL HEATER CONNECTION

UA WC EXTRACT GRILLE

- 3187/H/B/EG/002
- 300mm x 300mm

UA WC SUPPLY GRILLE

- 3187/H/B/SG/004
- 300mm x 300mm

ELECTRICAL PANEL HEATER:

- 3187/H/B/EPH/005 - 500mm(W)x500mm(H)x40mm(D)

BASEMENT BRANCH CHAIN CONTROLLER:

- 3187/H/B/BC/001-500mm(W)x168mm(D)x250mm(H)

ACCESS PANEL REQUIRED

ELECTRICAL PANEL HEATER:

- 3187/H/B/EPH/007 - 500mm(W)x500mm(H)x40mm(D)

COMMS SUPPLY GRILLE

- 3187/H/B/SG/003 150mm x 150mm

COMMS ROOM DX SYSTEM WALL-MOUNTED FCU UNITS:

- 3187/H/B/FCU/009 - 500mm(W)x168mm(D)x250mm(H)

COMMS EXTRACT GRILLE

- 3187/H/B/EG/001 150mm x 150mm

LINEN SUPPLY

- 3187/H/B/SG/005 300mm x 300mm

COMMS ROOM DX SYSTEM WALL-MOUNTED FCU UNITS:

- 3187/H/B/FCU/008 - 500mm(W)x168mm(D)x250mm(H)

ELECTRICAL PANEL HEATER:

- 3187/H/B/EPH/006 - 500mm(W)x500mm(H)x40mm(D)

TOP TO BOTTOM:

- VRF REFRIGERANT HL T/B
- DX REFRIGERANT F HL T/B
- DX REFRIGERANT X HL T/B
- 67mm DWS F FB TO HL
- 42mm DWS R FB TO HL
- 67mm BCWS F FB TO HL
- 50mm LTHW F FROM ASHP F/A TO HL
- 50mm LTHW R FROM ASHP F/A TO HL

PLANT ROOM SUPPLY DUCT HL TO LL

BASEMENT MVHR FRESH AIR INTAKE DUCT 350mm x 350mm PLUS 50mm INSULATION DROPS FA TO HL

- DIRECT FIRED WATER HEATER FLUE FROM HL T/A 200Ø
- DIRECT FIRED WATER HEATER FLUE FROM HL T/A 200Ø
- FOR CONTINUATION REFER TO DRAWING NUMBER 3187/H/B1/TY/M/7025

PLANT ROOM EXTRACT BELL-MOUTH

BASEMENT MVHR EXHAUST AIR DUCT 350mm x 350mm RISES FROM HL TA

TOP TO BOTTOM

- PLANT ROOM EXHAUST AIR DUCT F/B RISE TO HL
- PLANT ROOM FRESH AIR INTAKE DUCT DROP FROM HL T/B

HORIZONTAL CHASSIS TYPE VRF FAN COIL UNIT INSTALLED AT HIGH LEVEL WITHIN THE CEILING VOID.

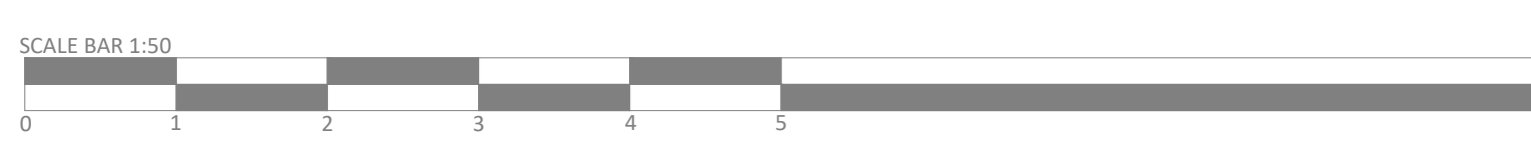
- 3187/H/B/FCU/003-900mm(W)x732mm(D)x250mm(H)

LINEAR SLOT DIFFUSER 3187/H/B/LSO/005

ALL INACTIVE SECTIONS SHALL BE BLOCKED OFF BY THE MECHANICAL CONTRACTOR TO FORCE RETURN AIR BACK TO THE MVHR AND FCU'S VIA THE RETURN AIR DIFFUSERS

HORIZONTAL CHASSIS TYPE VRF FAN COIL UNIT INSTALLED AT HIGH LEVEL WITHIN THE CEILING VOID.

- 3187/H/B/FCU/004-900mm(W)x732mm(D)x250mm(H)



Revision	Description	Date
C7	REVISED AS CLOUDED	22.05.23
C6	CCF011 - ADDITIONAL STORAGE OPTIONS	XX.02.23
C5	CCF007 COSHH & BOTTLE STORE	13.01.23
C4	CCF003 & CCF004	09.04.21
C3	REVISED FOR CONTRACT ISSUE	23.12.20
C2	DRAWING REVISED TO SUIT THE ARCHITECTS LAYOUT	20.11.20
C1	CONTRACT ISSUE	31.07.20
T4	STAGE 4 - COORDINATION WITH REVISED DRAWING	01.04.20
T3	STAGE 4 - TENDER ADDENDUM	13.12.19
T2	STAGE 4 TENDER ISSUE	22.11.19
T1	TENDER ISSUE	25.10.19

CONTRACT

PSH www.pshconsulting.co.uk

London Office
4th Floor, Alto Tower,
30 Stamford Street,
London, SE1 9LQ
T: 0203 039 3840
E: info@pshconsulting.co.uk

Wokingham Office
6 Alexandra Court,
Wokingham,
Berkshire, RG40 2SL
T: 01897 4747
E: info@pshconsulting.co.uk

Architect:
MORRIS + COMPANY

Client:
DEMAR HOLDINGS

Project:
115 - 119 CAMDEN HIGH STREET

Title:
BASEMENT MECHANICAL SERVICES DUCTWORK LAYOUT

Drawn:	Chkd/Appd:	Date:
JTC	MB	21.08.19
Client File:	Scale:	
3187-PSH-H-81-DR-M-7003 DWG	1:50@A0	
Drawing Number:	Rev:	
3187-PSH-H-81-DR-M-7003	CS	