

Building Outline Information

Architect's Drawing No.

Date

B&F PROJECT NUMBER: 4009

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION FOR MECHANICAL SERVICES INSTALLATION AND ALL ASSOCIATED MECHANICAL SERVICES DRAWINGS LISTED THEREIN.
- ALL MECHANICAL SERVICES DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ASSOCIATED ARCHITECTURAL, STRUCTURAL, PUBLIC HEALTH & ELECTRICAL SERVICES DRAWINGS.
- SPRINKLER PIPEWORK SERVICES ARE INDICATIVE ONLY. TO BE CONFIRMED WITH SPECIALIST SUBCONTRACTOR.
- BCWS & HWSF TO BATHROOMS TO BE 22Ø mm.
- ALL LTHW PIPEWORK TO AND FROM RADIATORS TO BE 10Ø mm.
- EXPOSED DUCTWORK 125Ø mm SPIRAL GALV AND CONCEALED DUCTWORK 204 x 60 mm PLASTIC RECTANGULAR.
- ALL ATMOSPHERIC DUCTWORK TO BE INSULATED.
- REFER TO UTILITY DRAWINGS 4009-MT-ZZ-DR-J-51-004.

LEGEND

- HIGH LEVEL SERVICES
--- LOW LEVEL SERVICES
--- SERVICES WITHIN FLOOR VOID
T PROGRAMMABLE ROOM THERMOSTAT
MVHR - RETURN DUCT
MVHR - EXHAUST DUCT (INSULATED)
MVHR - SUPPLY DUCT
MVHR - FRESH AIR DUCT (INSULATED)
EXPOSED DUCTWORK
BULKHEAD (CONCEALED SERVICES)

APARTMENT TYPE ROOM No.S:

- MT 104
MT 205
MT 305 - VENTILATION TERMINATES THROUGH ROOF

C03	SERVICES UPDATED	SB	30.06.20
C02	SERVICES UPDATED	GP	02.10.19
C01	CONSTRUCTION ISSUE	BC	31.05.19
P01	PRELIMINARY ISSUE	BC	26.02.19
Rev	Description	Drawn	Date
Briggs & Forrester Living Ltd Bembridge House Bembridge Drive Kingshorpe Northampton NN2 6LZ www.briggsandforrester.co.uk Registered in England No. 1887941 Tel: (01604) 720072			
Client: Mount Anvil			
Project: Kampus Manchester			
Drawing Title: Minto & Turner Mechanical Services Typical Apartment Layout 2 Bed - Type D1			
Scale: 1:50 @ A1	Checked: BC		
Drawing Number: 4009-BAF-MT-ZZ-DR-M-(50)-048		Rev: C03	
Suitability: S4	Drawing Status: CONSTRUCTION		
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		 bsi. BIM Verified Design & Construction Capital/Delivery PAS 1192-2 VC 658367	

PATRRESS REQUIREMENTS (LXH)

- TR 01 - PATRRESS DETAIL 6
500mmX1800mm- 200mm FFL
RAD 01 - PATRRESS DETAIL 1
800mmX600mm- 125mm FFL
RAD 10 - PATRRESS DETAIL 5
500mmX1800mm- 200mm FFL

LTHW F&R RISE FROM FLOOR VOID TO CONNECT WITH RADIATOR AT L/L

ELECTRIC TOWEL RAIL (BY ARCHITECT)

RADIATOR MANIFOLD LOCATED AT LOW LEVEL IN UTILITY CUPBOARD. 10mmØ LTHW F&R FROM RADIATOR MANIFOLD TO EACH RADIATOR VIA FLOOR VOID.

22mmØ LTHW F&R AT H/L FROM CORRIDOR TO HIU LOCATED IN UTILITY CUPBOARD

HEATING LAYOUT

AIR EXHAUST AT HIGH LEVEL VIA DOUBLE AIR BRICK (DETAIL BY ARCHITECT)

EXHAUST DUCTWORK TO BE THERMALLY INSULATED

LTHW F&R RISE FROM FLOOR VOID TO CONNECT WITH RADIATOR AT L/L

ELECTRIC TOWEL RAIL (BY ARCHITECT)

ALL DUCTWORK 204x60mm WITHIN CEILING VOIDS AND BULKHEADS. SPIRAL WOUND 125Ø mm WHERE EXPOSED

VENTILATION LAYOUT

FRESH AIR INTAKE AT HIGH LEVEL VIA DOUBLE AIR BRICK (DETAIL BY ARCHITECT)

ACOUSTIC LAGGING REQUIRED BETWEEN ATTENUATORS AND FACADE ON INTAKE AND EXHAUST DUCTWORK

INLINE CARBON FILTER C/W 600x400mm ACCESS PANEL BELOW

INTAKE DUCTWORK TO BE THERMALLY INSULATED

RE-CIRCULATING COOKER HOOD (BY ARCHITECT)

EXPOSED DUCT 150mm FROM FCL

20mmØ SPRINKLER SUPPLY AT H/L TO SPRINKLER HEAD

22mmØ HWS & BCWS RISING FROM FLOOR VOID TO L/L

15mmØ BCWS CONNECTING TO WASHING MACHINE

22mmØ HWS & BCWS RISING FROM FLOOR VOID TO L/L

DOMESTIC HOT & COLD WATER MANIFOLDS LOCATED WITHIN THE UTILITY CUPBOARD

28mmØ BCWS AT H/L FROM CORRIDOR TO APARTMENT WATER METER WITHIN UTILITY CUPBOARD

DOMESTIC WATER SERVICES LAYOUT

40mmØ SHOWER WASTE DROP INTO RAISED FLOOR

22mmØ HWS & BCWS RISING FROM FLOOR VOID TO L/L

110mmØ SVP FA TB

32mmØ WHB WASTE CONN TO 110mmØ SVP

SPRINKLER MAIN AT H/L

25mmØ SPRINKLER MAIN SUPPLY AT H/L FROM CORRIDOR TO APARTMENT

DRAINAGE LAYOUT

RODDING POINT

75mmØ SVP FA TB

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