



**DO NOT SCALE OFF THIS DRAWING**

**BUILDING OUTLINE DRAWINGS**

**MODEL NAMES:**

- 4385-JVA-ZZ-XX-M3-A-0001.rvt
- 4385-PMB-ZZ-XX-M3-S-001.rvt
- MF\_RAD\_XX\_M3\_FFE.rvt

**NOTES:**

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ANY RELEVANT STRUCTURAL, ARCHITECTURAL AND CONSULTANTS DRAWINGS/SPECIFICATIONS.
- THIS DRAWING IS NOT TO BE SCALED.
- ALL DIMENSIONS STATED IN mm.
- FIRE DAMPERS TO PROVIDED WHERE SHOWN ON DRAWINGS, AND ALSO WHERE DUCTWORK PENETRATES THROUGH FIRE BARRIERS INDICATED ON FIRE STRATEGY DRAWINGS.
- DUCTWORK INSTALLATION SHALL BE IN ACCORDANCE WITH DW144 & THE MECHANICAL & ELECTRICAL SERVICES SPECIFICATION.
- THE FOLLOWING DUCTWORK SYSTEMS SHALL BE INSULATED:  
- ALL AHU DUCTWORK OUTSIDE VENTILATED ROOM  
- ALL EXTERNAL SUPPLY & EXTRACT DUCTWORK
- VCD'S TO BE INSTALLED WITH A MINIMUM OF 500mm FROM TERMINATION.
- ALL DUCT ENDS/BELL MOUTHS TO BE TERMINATED WITH WIRE MESH.
- FUME CUPBOARD EXTRACT TO BE RIGID PVC & TO TERMINATE 3m ABOVE FINISHED ROOF LEVEL, CW V ENTURI NOZZLE TO INCREASE TERMINAL VELOCITY.
- BRAZING HEARTH FLUE TO BE SINGLE SKIN STAINLESS STEEL & TO TERMINATE 1m ABOVE FINISHED ROOF LEVEL, WITH WEATHER COUL TO PREVENT WATER INGRESS.

**KEY:**

ATT	ATTENUATOR
CL	CENTERLINE
DT3	DOOR TRANSFER GRILLE
DUC	DOOR UNDERCUT
EF	EXTRACT FAN
EG3	EGG CRATE GRILLE
ES	EXTRACT GRILLE
FC	FUME CUPBOARD
FD	FIRE DAMPER
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
HB	HEATER BATTERY
HRU	HEAT RECOVERY UNIT
IL	INVERT LEVEL
LEV	LOCAL EXTRACT VENTILATION
MFSO	MOTORISED ES CLASSIFIED
NVHR	NATURAL VENTILATION HEAT RECOVERY UNIT
SD	SUPPLY DIFFUSER
TEF	TOILET EXTRACT FAN
ODH	OVER DOOR HEATER
VCD	VOLUME CONTROL DAMPER
RTA	RISE TO ABOVE
RFS	RISE FROM BELOW
DFA	DROP FROM ABOVE

**KEY PLAN**

**FOR CONSTRUCTION**

C3	20/09/17	CHANGES AS CLOUDED	DT	JE
C2	27/07/17	CHANGES AS CLOUDED	DT	JE
C1	20/06/17	FOR CONSTRUCTION	DT	SW
Rev	Date	Description	Dm	Chkd

Client: KIER LONDON

Project: MARIA FIDELIS SCHOOL

Description: THIRD FLOOR VENTILATION LAYOUT SHEET 2 OF 4

Scale: 1:50 A0

Date: SEPTEMBER 2017

Drawn by: DT Checked: SW

Drawing No: 5112-D-132 Rev: C3

**Briggs & Forrester**  
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