



**DO NOT SCALE OFF THIS DRAWING**

**BUILDING OUTLINE DRAWINGS**

**MODEL NAMES:**

- 4385-JWA-ZZ-XX-M3-A-0001.rvt
- 4385-PMB-ZZ-XX-M3-S-001.rvt
- MF\_RAD\_X3\_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.
- FLAME CUPBOARD EXTRACT TO BE RIGID UPVC & TO TERMINATE 3m ABOVE FINISHED FLOOR LEVEL CWV ENTURI NOZZLE TO INCREASE TERMINAL VELOCITY.
- BRAZING HEARTH FLUE TO BE SINGLE SKIN STAINLESS STEEL & TO TERMINATE 1m ABOVE FINISHED FLOOR LEVEL WITH WEATHER COUL TO PREVENT WATER INGRESS.

**KEY:**

ATT	ATTENUATOR
CL	CENTER LINE
DTG	DOOR TRANSFER GRILLE
DUC	DOOR UNDERCUT
EF	EXTRACT FAN
EG	EGG CRATE GRILLE
EG	EXTRACT GRILLE
FC	FLAME CUPBOARD
FD	FIRE DAMPER
FB	FLAT ON BOTTOM
FOT	FLAT ON TOP
HE	HEATER BATTERY
HU	HEAT RECOVERY UNIT
IL	INVERT LEVEL
LEV	LOCAL EXTRACT VENTILATION
NVHR	NATURAL VENTILATION HEAT RECOVERY UNIT
SD	SUPPLY DIFFUSER
TEF	TOILET EXTRACT FAN
COH	OVER DOOR HEATER
VCD	VOLUME CONTROL DAMPER
RTA	RISE TO ABOVE
RFB	RISE FROM BELOW
DFA	DROP FROM ABOVE

**KEY PLAN**

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

**FOR CONSTRUCTION**

Client :  
**KIER LONDON**

Project :  
**MARIA FIDELIS SCHOOL**

Description :  
**THIRD FLOOR VENTILATION LAYOUT SHEET 4 OF 4**

Scale : 1:50      A0

Date : JULY 2017

Drawn by : DT      Checked : SW

Drawing No : 5112-D-134      Rev: C2

**Briggs & Forrester**  
ENGINEERING SERVICES LTD

Briggs & Forrester Engineering Services Ltd  
Berridge House, Berridge Drive  
Northampton NN2 6LZ  
www.briggsandforrester.co.uk      Tel: 01604 720 072

© This drawing is copyright and may not be reproduced either in part or full without written permission from Briggs & Forrester Engineering Services Ltd