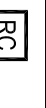
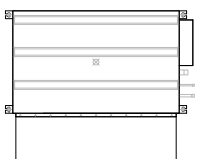
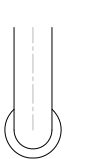
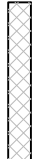
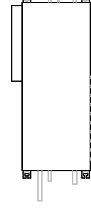


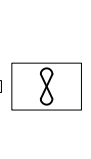


NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION FOR MECHANICAL SERVICES INSTALLATION AND ALL ASSOCIATED MECHANICAL DRAWINGS LISTED THEREIN.
2. ALL MECHANICAL SERVICES DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ASSOCIATED ARCHITECTURAL/STRUCTURAL, DRAINAGE AND ELECTRICAL SERVICES DRAWINGS.
3. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING CONSTRUCTION.

| MECHANICAL LEGEND | |
|---|---|
|  | ROOM CONTROLLER (A/F 50) |
|  | CHASSIS MOUNTED DUCTED UNIT. |
|  | DUCTED SUPPLY FROM FAN COIL UNIT TO SWIRL DIFFUSER. |
|  | VRF CABLE TRAY. |
|  | BRANCH CONTROLLER BOX (BC BOX). |
|  | ELECTRIC PANEL HEATER. |
|  | WATER SERVICES OUTLETS. |
|  | TOILET EXTRACT FAN AT TL IN CUBICLE. ACCESS MATCH REQUIRED. |

| FIRST FLOOR BC CONTROLLER SCHEDULE | | | |
|------------------------------------|---------------------|--------------------------|--------------|
| BC | MODEL | DIMS (W x D x H) (mm) | COMMENTS |
| BC 1.1 | CMB-P1010V-GA1 (T0) | 1110 x 520 x 289 | 1 SPARE PORT |

| FIRST FLOOR FCU SCHEDULE | | | |
|--------------------------|---------------|--------------------------|--------------------------|
| FCU | MODEL | DIMS (W x D x H) (mm) | AIR FLOW (MED SPEED L/S) |
| FCU 1.1 | PEF-FRSVMA-E2 | 1100 x 732 x 250 | 267 |
| FCU 1.2 | PEF-FRSVMA-E2 | 1100 x 732 x 250 | 267 |
| FCU 1.3 | PEF-FRSVMA-E2 | 1100 x 732 x 250 | 267 |
| FCU 1.4 | PEF-FRSVMA-E2 | 1100 x 732 x 250 | 267 |
| FCU 1.5 | PEF-FRSVMA-E2 | 1100 x 732 x 250 | 267 |
| FCU 1.6 | PEF-FRSVMA-E2 | 1100 x 732 x 250 | 267 |
| FCU 1.7 | PEF-FRSVMA-E2 | 1100 x 732 x 250 | 267 |
| FCU 1.8 | PEF-FRSVMA-E2 | 1100 x 732 x 250 | 267 |
| FCU 1.9 | PEF-FRSVMA-E2 | 1100 x 732 x 250 | 267 |

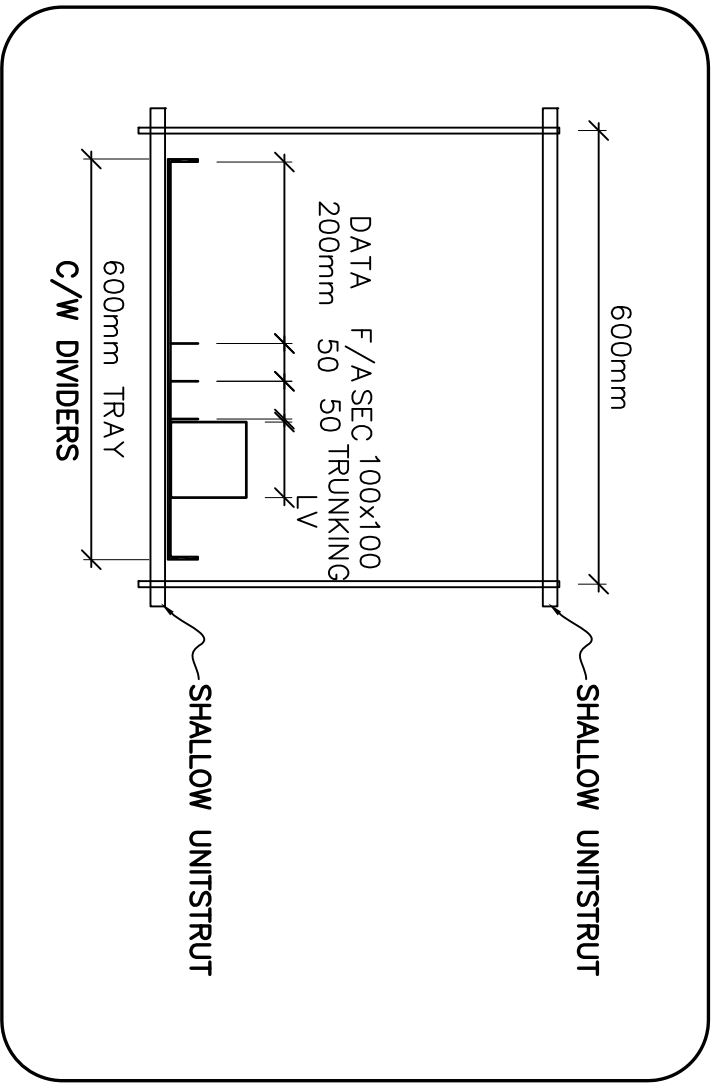
ALL FAN COIL UNITS MANUFACTURED BY MITSUBISHI.
FOR DETAILS OF ASSOCIATED EXTERNAL CONDENSING UNITS PLEASE SEE TABLE ON DRAWING 380/IM04.

| ELECTRIC PANEL HEATER SCHEDULE | | | |
|--------------------------------|------------|-------------------|--------|
| REF | MODEL | DIMS (W x H) (mm) | OUTPUT |
| EPH 1.1 | DMR-EX-EPX | 690 x 430 | 2000 |
| EPH 1.2 | DMR-EX-EPX | 620 x 430 | 750 |

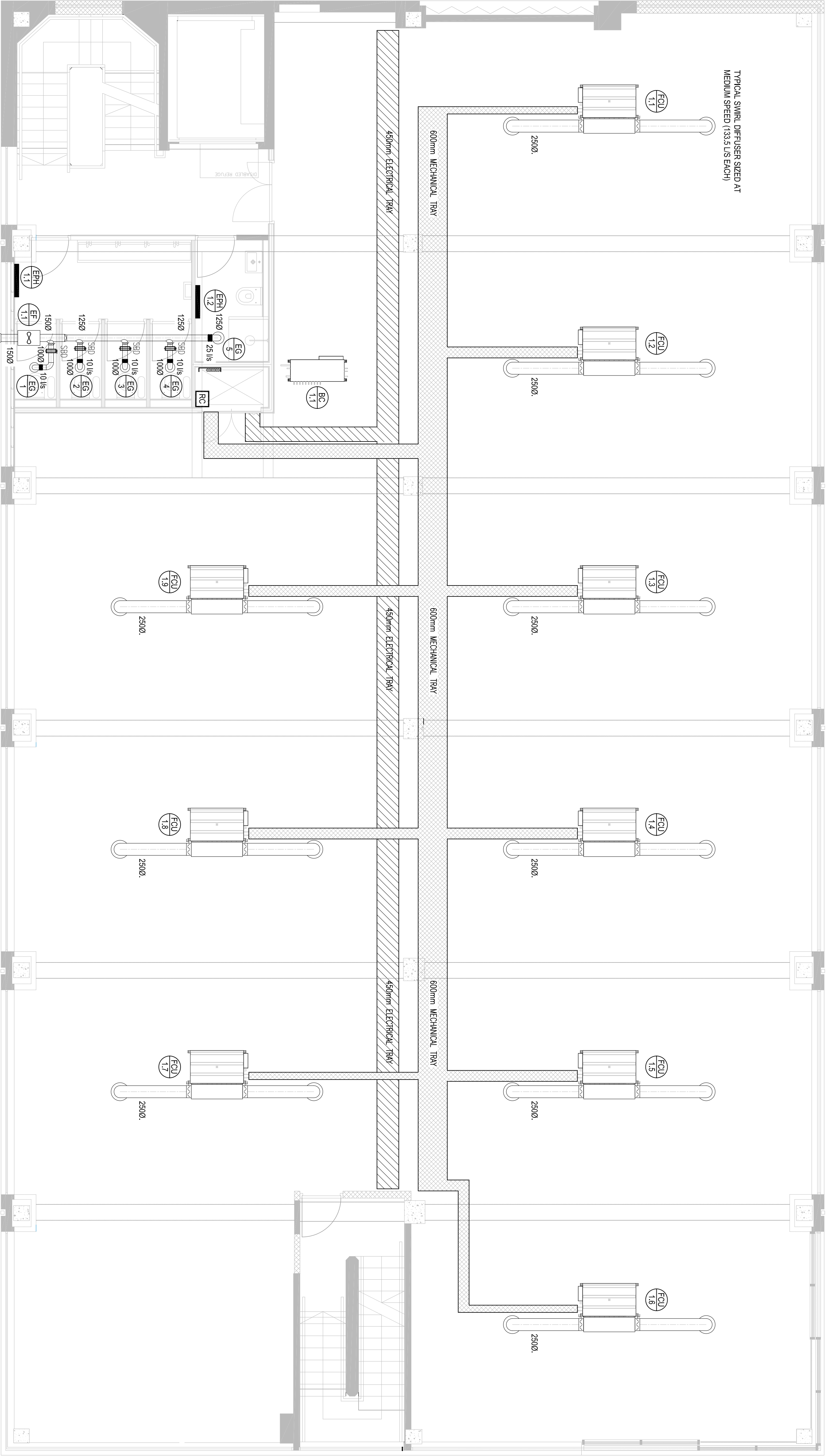
| EXTRACT FAN SCHEDULE | | |
|----------------------|------------------|------------------|
| REF | MODEL | AIR VOLUME (l/s) |
| EF 1.1 | VENT-AKIA AQ0150 | 65 |

TO BE COMPLETE WITH SPEED CONTROLLER.

NATURAL VENTILATION COMPLIES WITH AM10 PROVIDING THE AREA IS OPEN PLAN AS SHOWN. IF PARTITIONS ARE ADDED, APPROX. 65mm IS THE MAXIMUM DISTANCE FROM ONE SIDE.



TYPICAL SWIRL DIFFUSER SIZED AT MEDIUM SPEED (133.5 L/S EACH)



| | | |
|-----|---------------------------|--------|
| E | PERFORM TRAY REPOSITIONED | JAN 19 |
| D | CABLE TRAYS REPOSITIONED | JAN 19 |
| C | CABLE TRAY MODIFIED | JAN 19 |
| B | WC AREA MODIFIED | DEC 18 |
| A | ISSUED FOR APPROVAL | NOV 18 |
| Rev | Description | Date |

AVEAT HEATING LTD

MECHANICAL, ELECTRICAL, PLUMBING & HEATING ENGINEERS
LONDON
TEL: (01370) 341653/325678 FAX: (01370) 551210

OLWEN HOUSE
LONDON

FIRST FLOOR MECHANICAL SERVICES LAYOUT

| | | | |
|-------|---------|--------|---------|
| Drawn | Checked | Date | Scale |
| AHL | AB | NOV 18 | 1:50@A1 |

C10422/M/002

E