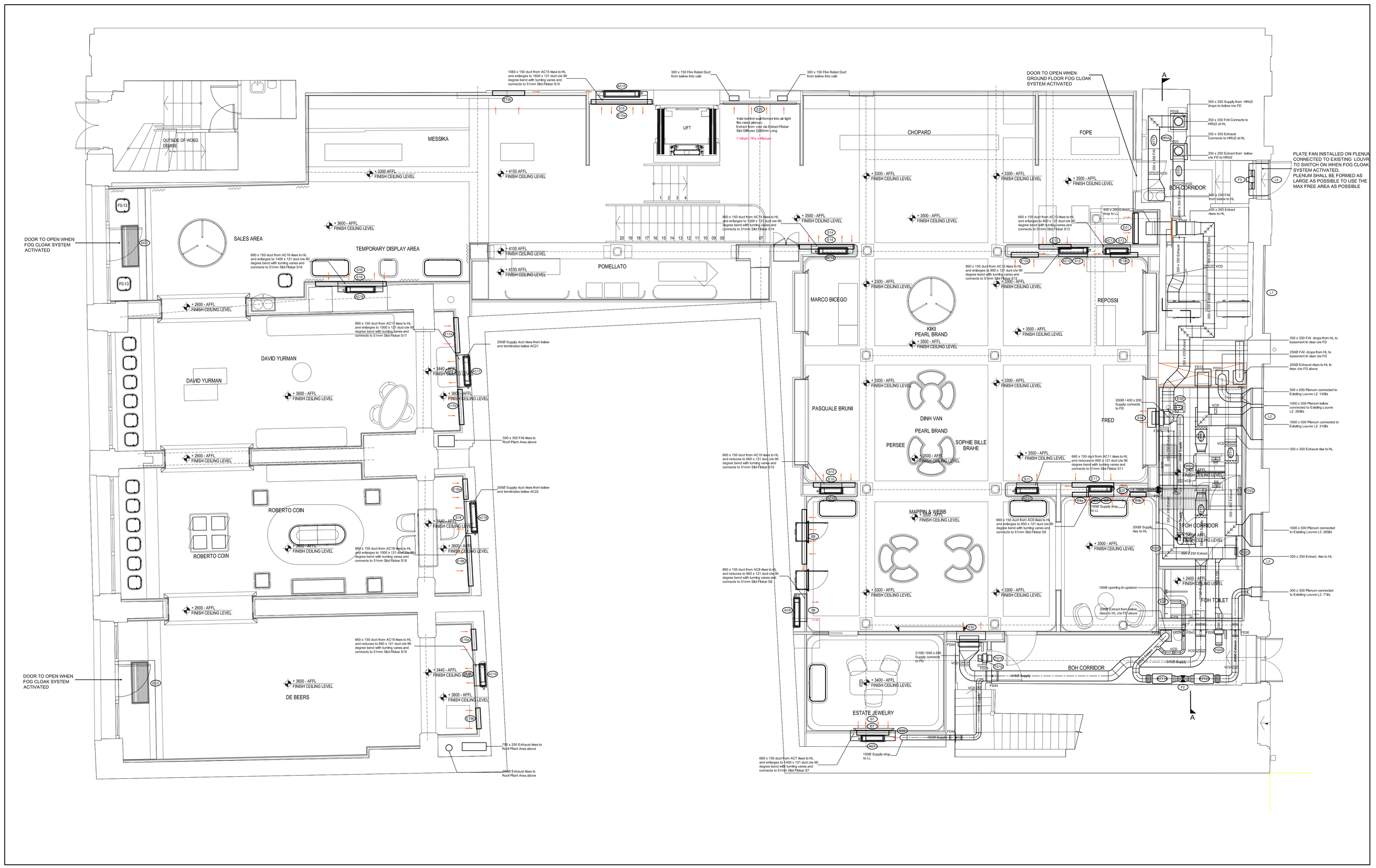
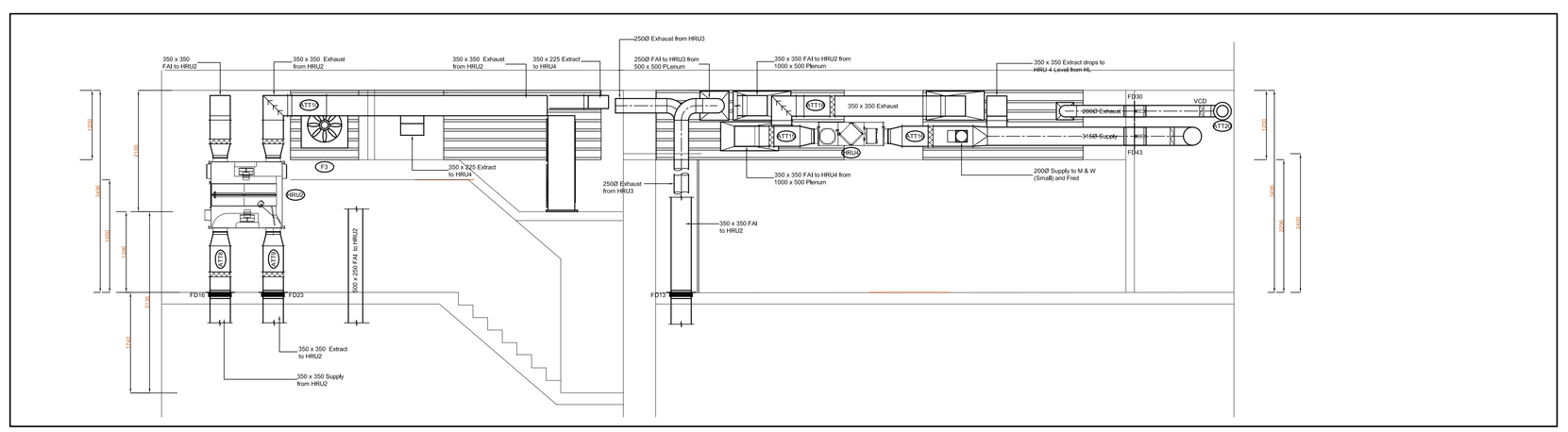
Reference	Revision
C3016 - 24 - M - 01.2	B





LEGEND

- DENOTES NEW DUCT
- DENOTES VOLUME CONTROL DAMPER
- DENOTES FIRE DAMPER
- DENOTES SUPPLY DIFFUSER / GRILLE
- DENOTES EXTRACT DIFFUSER / GRILLE
- DENOTES SUPPLY / EXTRACT VALVE
- Sx DENOTES SUPPLY DIFFUSER / GRILLE
- Ex DENOTES EXTRACT DIFFUSER / GRILLE
- TGx DENOTES TRANSFER GRILLE
- BDS DENOTES BACK DRAUGHT SHUTTERS

CONTROL WIRING

ON/OFF CONTROL OF ALL AIR CONDITIONING EQUIPMENT VIA MITSUBISHI 3 WIRE ADAPTOR PAC-SA 80TA WIRED BACK TO VOLT FREE CONTACTS AT THE MAINS DISTRIBUTION BOARD, TO BE ACTIVATED ON CLOSURE BY THE INTRUDER ALARM

TEMPERATURE CONTROL SHALL BE VIA A PAR-41MAA.

VENTILATION, WATER HEATERS, & INCOMING MAINS COLD WATER SOLENOID VALVE ISOLATED VIA ALARM PANEL

DISABLED WC

MF WALLS SHALL BE LINED WITH 18mm PLYWOOD (BY BUILDER)

ACCESS HATCHES

ALL ACCESS HATCHES SHALL BE BEADED FRAMELESS, FINISHED IN WITH CEILING

INSTALLATION SHALL COMPLY FULLY WITH MANUFACTURERS RECOMENDATIONS, CURRENT REGULATIONS AND CODES OF PRACTICE.

SITE MEASUREMENTS SHALL BE TAKEN PRIOR TO MANUFACTURING DUCTING.
CIRCULAR DUCT SIZES MAY BE ALTERED TO RECTANGULAR OF EQUIVALENT CROSS SECTIONAL AREAS.
WHERE DUCTS CROSS EACH OTHER THE DUCTS MAY BE ALTERED TO RECTANGULAR TO ENABLE INSTALLATION WITHIN THE AVAILABLE SPACE OF EQUIVALENT CROSS SECTIONAL AREA.
THESE DRAWINGS DO NOT SHOW VERTICAL OFFSETS, CONTRACTOR TO MAKE DUE ALLOWANCE FOR OFFSETS/ BENDS TO AVOID CLASHES OF DUCTS AT CROSS-OVERS.
SUPPLY DUCTING SHALL BE INSULATED.
EXTRACT DUCTING USED FOR HEAT RECOVERY SHALL BE INSULATED.
ACCESS PANELS SHALL BE INSTALLED ON BOTH SIDES OF FIRE DAMPERS.
ACCESS PANELS SHALL BE INSTALLED ON ONE SIDE OF VOLUME CONTROL DAMPERS.
FIRE DAMPERS SHALL BE INSTALLED IN ALL NEW DUCTS PASSING THROUGH FIRE WALLS & FLOORS.
WHERE DUCTS CONNECT TO GRILLES / DIFFUSERS ABOVE CEILINGS SHORT FINAL LENGTHS OF INSULATED FLEXIBLE DUCTING SHALL BE PERMITTED.
BENDS SHALL NOT BE FORMED USING FLEXIBLE DUCTING, WHERE DROPPING TO GRILLES A FABRICATED BEND SHALL BE USED.
WHERE DUCT CONNECTIONS TO GRILLES / DIFFUSERS ARE EXPOSED CONNECTION SHALL BE MADE WITH RIGID DUCTING.
ANTI VIBRATION MOUNTS SHALL BE INSTALLED ON FANS.
FLEXIBLE CONNECTIONS SHALL BE USED TO CONNECT DUCTING TO FANS AND AHU'S.
DUCTS TO REDUCE AT TERMINALS TO MATCH PLENUM NECK REDUCERS.

TO BE READ IN CONJUNCTION WITH DRAWING NUMBERS C3016-24-M-01.1, C3016-24-01.2, C3016-24-M-05.1, C3016-24-M-06.1 AND THE A4 SCHEDULES C3016-SCH-M01 to M23

Rev	Date	Description	By	Chk
B	16/09/24	Attenuators amended to CAICE Selection	MT	-
A	31/08/24	AC Grille airflow arrows added	MT	-
-	29/08/24	First Issue	MT	-

Status
FOR APPROVAL

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Drawing Title
MECHANICAL SERVICES
Ground Floor
Ventilation

Drawing No	Revision
C3016 - 24 - M - 01.2	B

Scale	Date	Engineer	Checked
1:50 @ A0	July 2024	MT	BP

CAD ORIGINAL - Do not modify by hand.