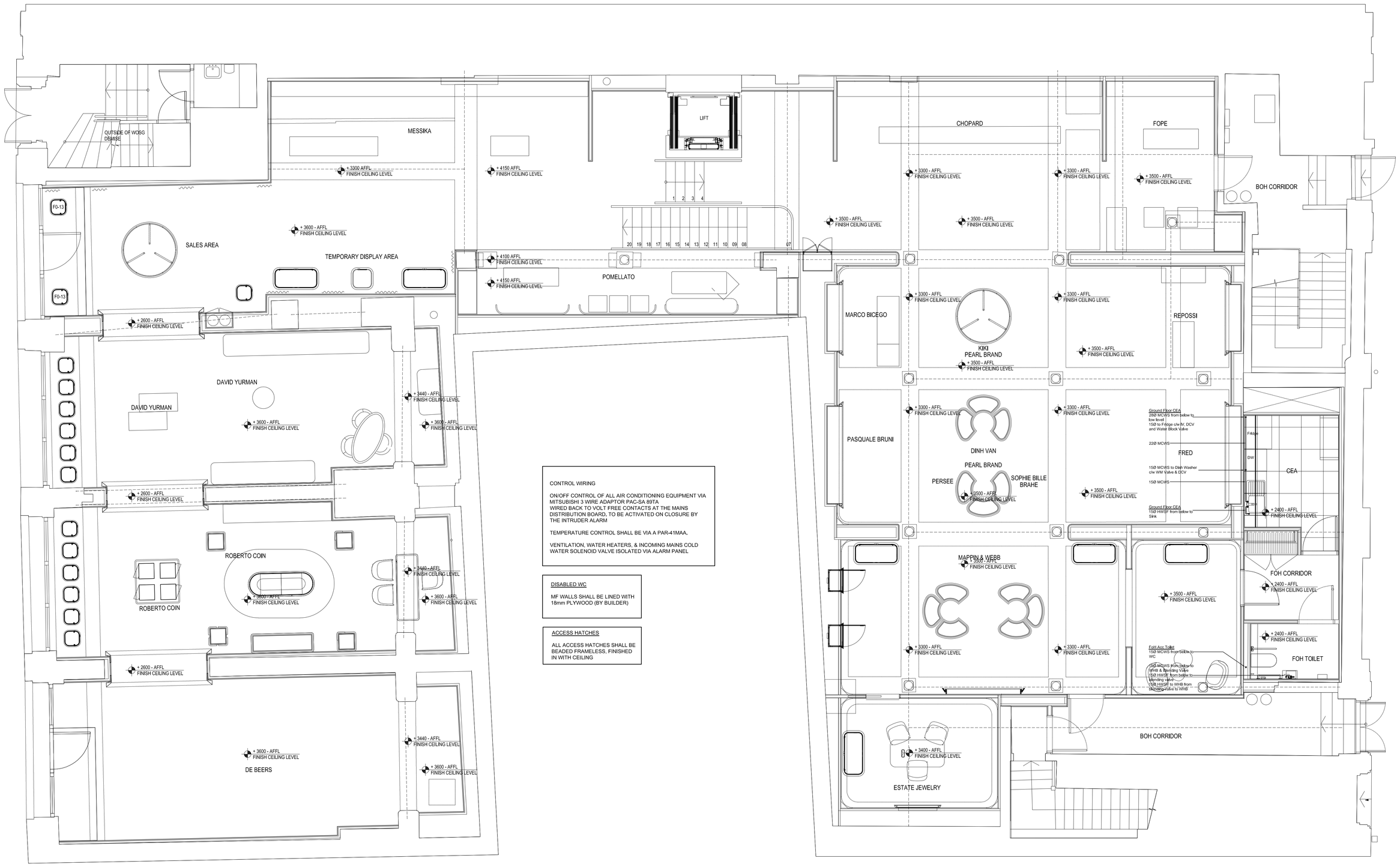
Reference	Revision
C3016 - 24 - M - 03.2	-



CONTROL WIRING

ON/OFF CONTROL OF ALL AIR CONDITIONING EQUIPMENT VIA MITSUBISHI 3 WIRE ADAPTOR PAC-SA 88TA 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

HOT & COLD WATER SERVICES LEGEND

- denotes pipes at low level
- denotes pipes under
- denotes pipes at high level
- denotes pipes in ceiling space
- denotes blending valve

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

VALVES OMITTED FROM DRAWING FOR CLARITY - FOR VALVE ARRANGEMENTS ETC, REFER TO THE SCHEMATIC DRAWING

DRAIN OFF COCKS SHALL BE INSTALLED AT ALL LOW POINTS IN THE SYSTEM TO PERMIT THE SYSTEM TO BE FULLY DRAINED, AND ON THE ISOLATED SIDE OF VALVES.
AUTOMATIC AIR VENTS SHALL BE INSTALLED AT ALL HIGH POINTS WHERE AIR IS LIKLEY TO TRAP.

ALL ISOLATING VALVES, STOP COCKS AND BALL VALVES SHALL BE FULL FLOW TYPE TO REDUCE FRICTIONAL RESISTANCE

PIPEWORK SHALL BE INSULATED TO MEET CURRENT STANDARDS

EXPANSION LOOPS / EXPANSION BELLOWS SHALL BE INSTALLED AS DEEMED NECESSARY TO TAKE UP THE EXPANSION OF THE PIPEWORK CAUSED BY HEATING & COOLING
THE PIPEWORK SHALL BE ANCHORED AS DEEMED NECESSARY

ALL PIPES PASSING THROUGH WALLS SHALL BE SLEEVED.

ENSURE ALL PENETRATIONS THROUGH EXTERNAL WALLS ARE SEALED AGAINST WATER INGRESS

SURFACE MOUNTED PIPEWORK (WHERE REQUIRED) SHALL BE INSULATED AND RUN BEHIND BOXINGS. PIPE BOXING SHALL BE CARRIED OUT BY MAIN CONTRACTOR.

HOT & COLD WATER SERVICES PIPEWORK SHALL BE COPPER TABLE X.

BLENDING VALVES SHALL BE INSTALLED ON EACH WHB, WARNING NOTICES SHALL BE INSTALLED ABOVE EACH SINK - "CAUTION VERY HOT WATER"

IMPORTANT

ALL REDUCTIONS ONTO CYLINDERS, WATER HEATERS, BOILERS etc. (MCWS, HWSF, HWSR & GAS) CONNECTIONS SHALL BE MADE AS CLOSE AS POSSIBLE TO THE WATER HEATER

FOR PLANT SIZES & MODELS REFER TO SCHEDULES

TO BE READ IN CONJUNCTION WITH DRAWING NUMBERS C3016-24-M-03.1, C3016-24-M03.2, C3016-24-MS-03 AND THE A4 SCHEDULES C3016-SCH-M01 to M23

Rev	Date	Description	By	Chk
-	29/08/24	First Issue	MT	-

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Drawing Title
MECHANICAL SERVICES
Ground Floor
Hot & Cold Water Services

Drawing No	Revision
C3016 - 24 - M - 03.2	-

Scale	Date	Engineer	Checked
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CAD ORIGINAL - Do not modify by hand.