Reference	Revision
C3016 - 24 - M - 02.1	-

CONTROL WIRING

ON/OFF CONTROL OF ALL AIR CONDITIONING EQUIPMENT VIA MITSUBISHI 3 WIRE ADAPTOR PAC-SA 89TA 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.

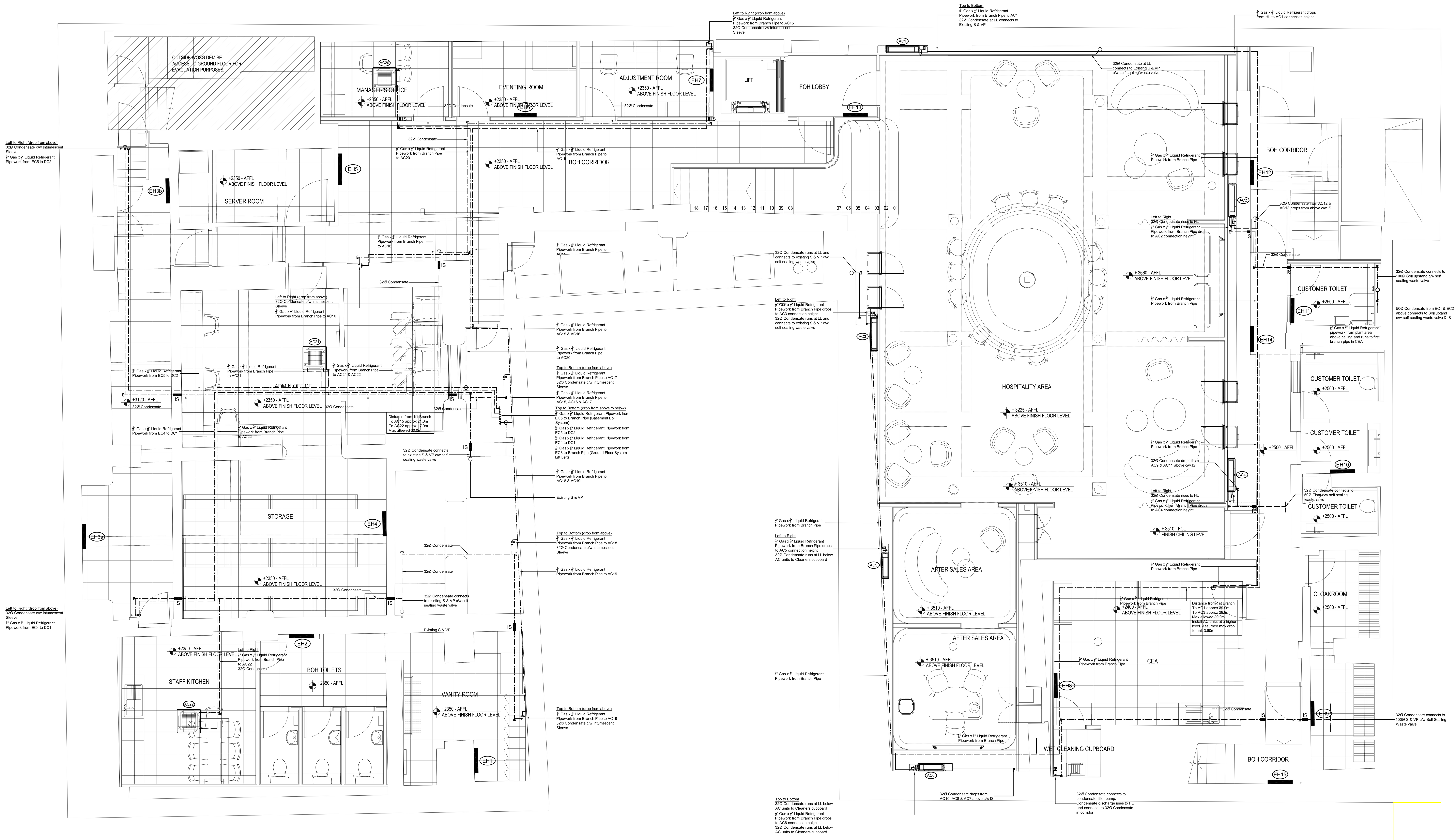
VENTILATION, WATER HEATERS, & INCOMING MAINS COLD WATER SOLENOID VALVE ISOLATED VIA ALARM PANEL

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



LEGEND

denotes pipes at low level

denotes pipes under

denotes pipes at high level

denotes pipes in ceiling space

denotes rodding eye / access

denotes first branch on refrigerant pipework

ALL PIPES PASSING THROUGH WALLS SHALL BE SLEEVED.

ENSURE ALL PENETRATIONS THROUGH EXTERNAL WALLS ARE SEALED AGAINST WATER INGRESS

FOR PLANT SIZES & MODELS REFER TO SCHEDULES

REFRIGERANT PIPEWORK SHALL BE INSTALLED ON CABLE TRAY.

REFRIGERANT PIPEWORK SHALL BE INSULATED

CONDENSATE DRAINS FROM EACH INTERNAL UNIT SHALL BE INSTALLED WITH SELF SEALING WASTE VALVES (HepVO).

ALL CONDENSATE CONNECTIONS TO S & VP's etc SHALL BE INSTALLED WITH A SELF SEALING WASTE VALVES (HepVO).

CONDENSATE DRAINS SHALL RISE TO HIGH LEVEL FROM EACH UNIT AND FALL OVER THE FULL LENGTH TO DRAIN VIA GRAVITY.

CONDENSATE MINIMUM FALL 10mm per 1m RUN

CONDENDSATE PUMPS SHALL BE INSTALLED AS REQUIRED.

RODDING EYES / ACCESS SHALL BE INSTALLED AT ALL CHANGES OF DIRECTION. ACCESS HATCHES SHALL BE PROVIDED WHERE REQIRED BY MAIN CONTRACTOR

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

INTUMESCENT SLEEVES SHALL BE INSTALLED WHERE DRAINAGE PASSES THROUGH FLOORS OR FIREWALLS.

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

TO BE READ IN CONJUNCTION WITH DRAWING NUMBERS C3016-24-M-02.1, C3016-24-02.2, C3016-24-M-05.1, C3016-24-M-06.1 AND THE A4 SCHEDULES C3016-SCH-M01 to M23

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

Status

FOR APPROVAL

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Drawing Title
MECHANICAL SERVICES
Basement
Comfort Cooling & Heating

Drawing No			Revision
C3016 - 24 - M - 02.1			-
Scale	Date	Engineer	Checked
1:50 @ A0	July 2024	MT	BP

CAD ORIGINAL - Do not modify by hand.