

SCALE:

ABBREVIATIONS

LL LOW LEVEL
HL HIGH LEVEL
CV CEILING VOID
TA TO ABOVE
TB TO BELOW
FA FROM ABOVE
FB FROM BELOW
HTG HEATING
F&R FLOW AND RETURN
CPR COPPER
LTHW LOW TEMPERATURE HOT WATER
c/w COMPLETE WITH
VCD VOLUME CONTROL DAMPER
FC FIRE COLLAR

DRAWING NOTES

REFRIGERANT PIPEWORK RUN AT HL ON CABLE TRAY
CONDENSATE PIPE TO RUN AT HIGH LEVEL ON THE DROP RODS FOR THE CABLE TRAY
CENTRAL CONTROLLER ON EACH FLOOR TO BE PROVIDED

NOTES

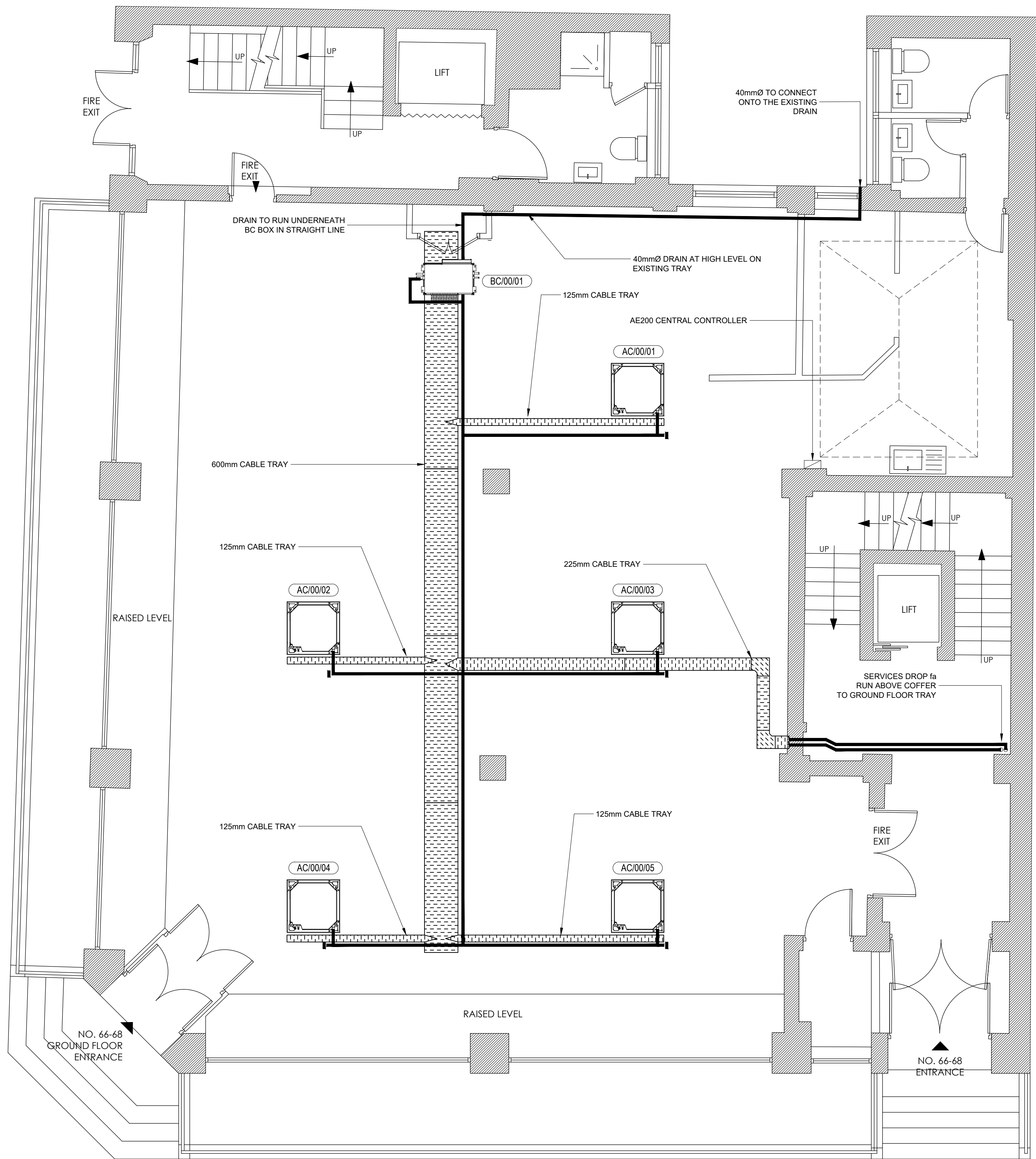
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE SCHEDULES, OTHER DRAWINGS & PROJECT SPECIFICATION
- RACCORD SHALL BE RESPONSIBLE FOR ON-SITE COORDINATION OF ALL MECHANICAL SERVICES WITH OTHER TRADES
- ALL PLANT & EQUIPMENT TO BE PROVIDED WITH UNIMPEDED ACCESS FOR MAINTENANCE, CLEANING & REPLACEMENT
- ALL AIR CONDITIONING SYSTEMS WILL BE COMMISSIONED BY RACCORD WITH COMMISSIONING SHEETS PROVIDED
- RACCORD WILL REQUIRE ELECTRICAL TEST CERTIFICATES BEFORE WE ENERGISE THE SYSTEMS.

AIR CONDITIONING UNIT SCHEDULE

REF	AREA	NOMINAL DUTY		TYPES OF UNIT	MANUFACTURER	CONTROLLER	COMMENT	EXTERNAL CONDENSER REF
		COOLING kW	HEATING kW					
AC01	OPEN PLAN	5.0	6.1	PLFY-M50VEM6	MITSUBISHI ELECTRIC	AE200E	1phase radial to fcu and bc box. Separate supply to central controller	EC1
AC02	OPEN PLAN	5.0	6.1	PLFY-M50VEM6	MITSUBISHI ELECTRIC	AE200E	1phase radial to fcu and bc box. Separate supply to central controller	EC1
AC03	OPEN PLAN	5.0	6.1	PLFY-M50VEM6	MITSUBISHI ELECTRIC	AE200E	1phase radial to fcu and bc box. Separate supply to central controller	EC1
AC04	OPEN PLAN	5.0	6.1	PLFY-M50VEM6	MITSUBISHI ELECTRIC	AE200E	1phase radial to fcu and bc box. Separate supply to central controller	EC1
AC05	OPEN PLAN	5.0	6.1	PLFY-M50VEM6	MITSUBISHI ELECTRIC	AE200E	1phase radial to fcu and bc box. Separate supply to central controller	EC1
BC01	OPEN PLAN	N/A	N/A	CMB-M106V-J1	MITSUBISHI ELECTRIC		1phase radial to fcu and bc box. Separate supply to central controller	EC1

EXTERNAL CONDENSER SCHEDULE

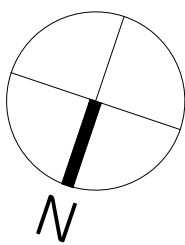
REF	CU LOCATION	NOMINAL DUTY		UNIT TYPE	UNIT SERVED BY CONDENSER	MANUFACTURER	COMMENTS
		COOLING kW	HEATING kW				
EC1	ROOF	25.0	29.4	PURY-P250YNW	AC1-AC05	MITSUBISHI ELECTRIC	1x3ph, power to outdoor location



LEGEND

- AC FAN COIL UNIT CONTROLLER (INSTALLED AT 1500mm (AFL))

GROUND FLOOR



REV	DATE	REVISION		DRAWN	CHECK
 RACCORD					
33 CAVENDISH SQUARE LONDON W1G 0PW				0203 405 6734 info@raccordmep.co.uk www.raccordelectrical.co.uk	
CLIENT: ROOTS CONTRACTORS					
PROJECT: 66-68 MARGARET STREET LONDON W1W 8SR					
TITLE: AIR CONDITIONING SERVICES LAYOUT GROUND FLOOR LEVEL AS BUILT DRAWING					
SCALE: 1:50 (A1)			DATE: DEC 2024		
DRAWING No. 8823/SK100			REV. SK1		