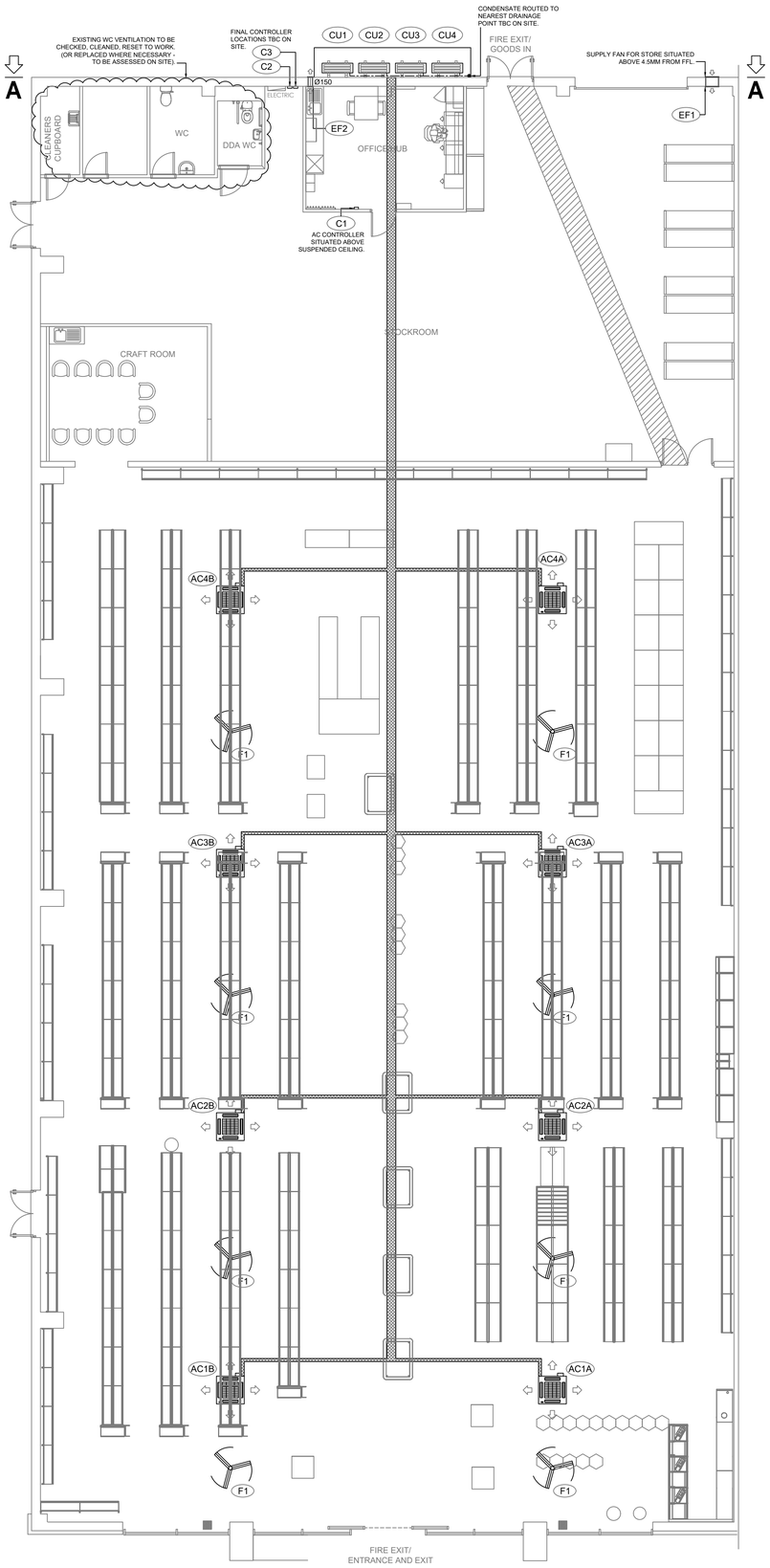


AIR CONDITIONING SCHEDULE

REF	LOCATION	MANUFACT.	MODEL	DUTY HTG/CLG	AIRFLOW m³/min	TYPE	SIZE	WEIGHT	ELECTRICAL DATA	REFRIGERANT PIPE (Ø)	COMMENTS
AC1A - 4B	RETAIL SALES AREA	PANASONIC	S-1014PU3E	12.5kW / 12.5kW	37 / 27 / 19m³/min	CEILING CASSETTE	319 x 840 x 840mm	25 KG	FED BY OUTDOOR UNITS	3/8" LIQUID, 5/8" GAS	FED FROM CONDENSERS CU1-CU4
CU1 - CU4	EXTERNAL	PANASONIC	U-250PZH2E8	28.0kW / 25.0kW	160 m³/min	CONDENSING UNIT	1500 x 980 x 370mm	128 KG	415V / 3 PHASE / 50Hz 32A	1/2" LIQUID, 1 1/8" GAS	EXTERNAL

FAN & VENTILATION SCHEDULE

REF	QTY	MANUFACTURER	MODEL	TYPE	DUTY l/s	LOCATION	COMMENTS
F1	08	HYDOR	HCF-1400	DE-STRATIFICATION FANS	3920 l/s	RETAIL AREA	CONTROLLED VIA SPEED CONTROLLER (C3)
EF1	01	XPELAIR	WX12	WALL FAN	269 l/s	RETAIL AREA	CONTROLLED VIA SPEED CONTROLLER (C2)
EF2	01	XPELAIR	VX150T	PANEL EXTRACT FAN	62 l/s	OFFICES	CONTROLLED VIA LIGHTING RUN CIRCUIT C/W OVERRUN TIMER

CONTROLLER SCHEDULE

REF	QTY	DESCRIPTION
C1	01	CONTROLLER FOR AC UNITS (AC1A-AC4B) LOCATED IN CEILING VOID
C2	01	XPELAIR EC6H REVERSIBLE SPEED CONTROLLER FOR STORE SUPPLY FAN (EF1)
C3	01	SPEED CONTROLLER FOR DE-STRAT FANS (F1)

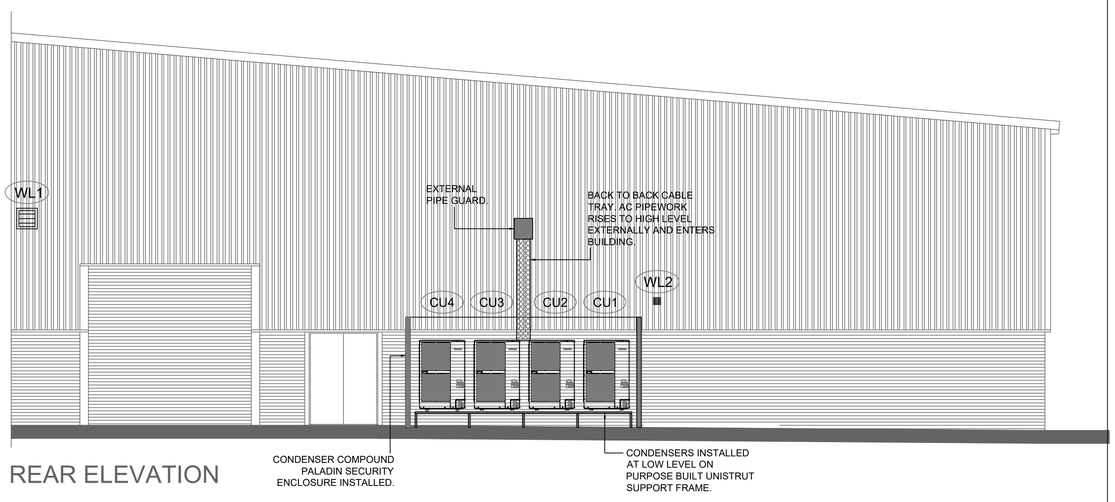
GRILLE SCHEDULE

REF	QTY	DESCRIPTION
WL1	01	450 x 450MM EXTERNAL WEATHER LOUVRE
WL2	01	150 x 150MM EXTERNAL WEATHER LOUVRE

ENVIRONMENTAL PARAMETERS

S-1014PU3E INDOOR CASSETTE UNIT (AC1A - AC4B)
AIRFLOW (H-M-L): 37.0 - 27.0 - 19.0 M³/MIN
SOUND PRESSURE (H/M/L): 46 - 39 - 33 dB(A)
SOUND POWER (H/M/L): 61 - 54 - 48 dB(A)

U-250PZH2E8 CONDENSING UNIT (CU1 - CU4)
AIRFLOW (C/H): 160 M³/MIN
SOUND PRESSURE (C/H): 59 / 63 dB(A)
SOUND POWER (C/H): 78 / 82 dB(A)



REAR ELEVATION

REAR ELEVATION - VIEW ON A - A
CHECK DIMENSIONS ON SITE - NOT TO SCALE - APPROX. 1:50 @ A1

PRELIMINARY ISSUE

REV A: 30.10.2023 - UPDATED TO LATEST HOBBYCRAFT DRAWING R04. EXTERNAL ELEVATION DETAIL ADDED.

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Client: HOBBYCRAFT GROUP LTD
ENTERPRISE WAY, AVIATION PARK
CHRISTCHURCH, DORSET, BH23 6HG

Project: UNIT 2A, DOLPHIN RETAIL PARK
SOUTHAMPTON ROAD, SALISBURY
SP1 2LB

Drawing Title: MECHANICAL
SERVICES LAYOUT

Drawn by	Checked by
CRH	
Scale: 1:100@A1	Date: OCT 2023

Drawing No.: CMS-4839
rev.: A