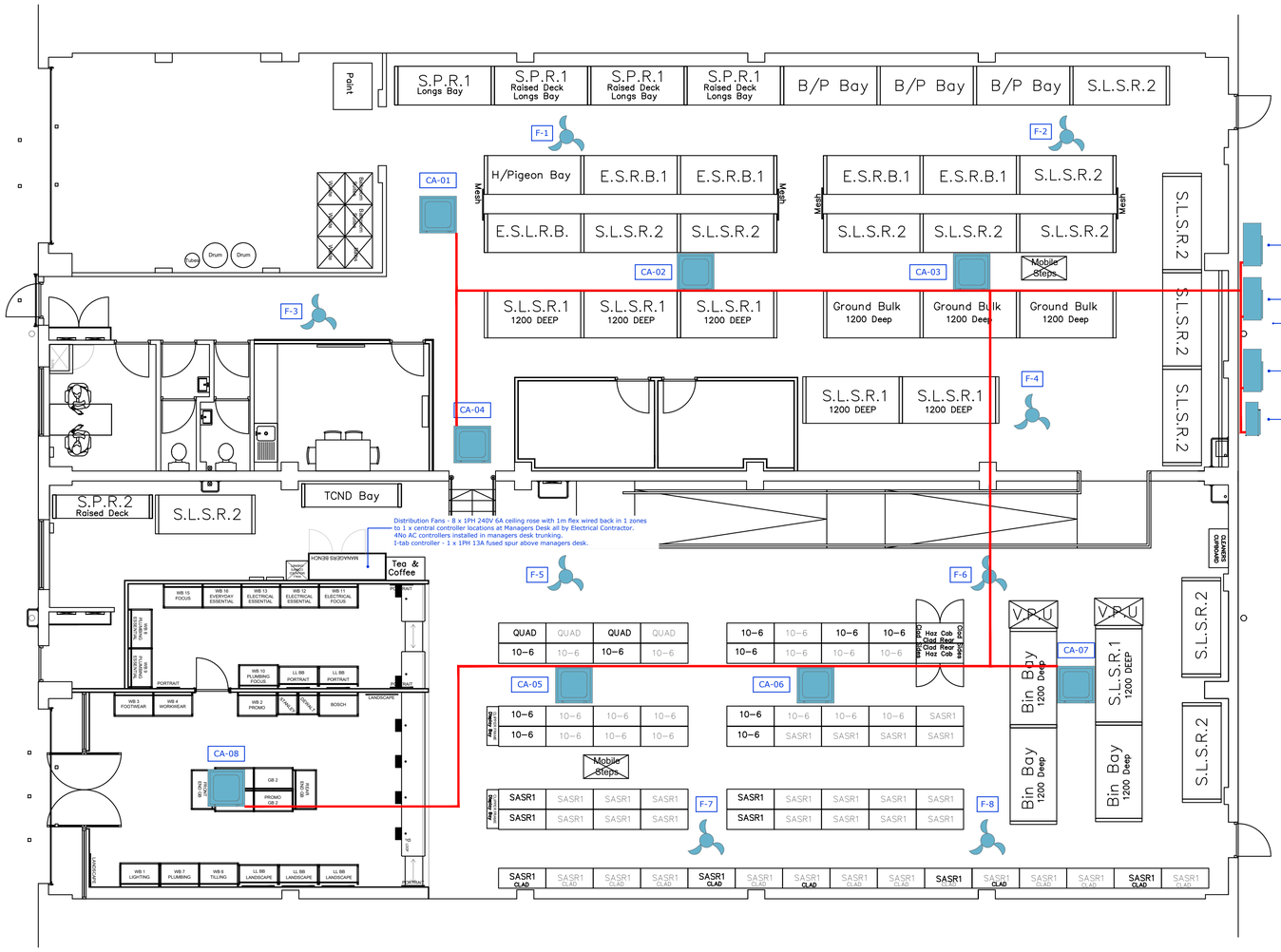


PROPOSED GROUND FLOOR PLAN
SCALE 1:75

Scale bar @ 1:75 — 0 — 3.75m — 7.5m

Condensers to be located at ground level sited on feet and with drain to soak-away below.

350 x 150mm opening through wall c/w weather cowl required for pipework exit.

ELECTRICAL

CU01 - DAIKIN RZA250D @ 3ph, 380-415v, 20AMP FUSE. Isolator with tail left by EC
CU02 - DAIKIN RZA250D @ 3ph, 380-415v, 20AMP FUSE. Isolator with tail left by EC
CU03 - DAIKIN RZA250D @ 3ph, 380-415v, 20AMP FUSE. Isolator with tail left by EC
CU04 - DAIKIN RZASG71MV1 @ 1ph, 240v, 20AMP FUSE. Isolator with tail left by EC

TOTAL ADDITIONAL LOAD (by fuse rating) = 3PH 60A + 1PH 20A

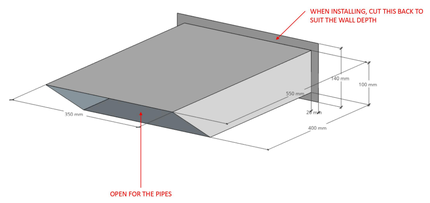
DETAILS
- PIPEWORK TO CONDENSERS C/W COWL.
- KEEP EXTERNAL PIPEWORK TO A MINIMUM.
- 4No AC CONTROLLERS TO BE INSTALLED IN MANAGERS DESK TRUNKING.
- 1No I-TAB CONTROLLER TO BE INSTALLED NEAR MANAGERS DESK TRUNKING.
- POWER WIRED IN BY ELECTRICIANS.

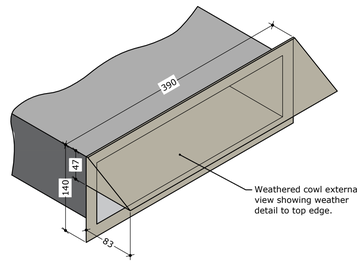




PHOTOS OF TYPICAL FLOOR MOUNTED AIR SOURCE HEAT PUMPS
NOT TO SCALE

COWL TO USE FOR SURFACE MOUNTING ON A CORRUGATED WALL, E.G. CLADDING





WEATHERED COWL EXTERNAL VIEW
SCALE 1:5

EQUIPMENT SCHEDULE								
NO		TYPE	MODEL	PIPE SIZES (Ømm)		DIMENSIONS	VOLTAGE	FUSE
				LIQUID	GAS	H x W x D		
CU01 TO CU03		AIR SOURCE HEAT PUMP (3 No.)	DAIKIN RZA250D	9.5	25.4	870 x 1100 x 460mm	380-415v (3 PHASE)	20 AMP
CU04		AIR SOURCE HEAT PUMP (1 No.)	DAIKIN RZASG71MV1	9.52	15.9	770 x 900 x 320mm	240v (1 PHASE)	20 AMP
CA-01 TO CA-07		CASSETTE (8No)	DAIKIN FCAG125B	9.52	15.9	840 x 840 (950 x 950)	220-240v (1 PHASE)	
CA-08		CASSETTE (1No)	DAIKIN FCAG100B	9.52	15.9	840 x 840 (950 x 950)	220-240v (1 PHASE)	
F1 TO F8		DESTRAT FAN	VENT-AXIA HL90			Ø900mm	220-240v (1 PHASE)	

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NOTES

- All cassette units should be installed above or at the same height as the lighting trunking (with the trunking installed around our cassette). The cassettes should always be above the maximum height of the racking.
- All cassettes should be installed in an aisle and never above a rack.

REV	DESCRIPTION	BY	DATE

Drawing status:-
FOR PLANNING

Client:- SCREWFIX

Project:-
ASHP INSTALLATION

Address:-
Units G-H, Bumpers Way, Bumpers Farm Industrial Estate, Chippenham. SN14 6LH

Title:-
PROPOSED FLOOR PLAN

DWG No.
10706-103-03

Date Created	Revision		
10-11-2023	-		
Drawn By	Checked By	Scale	Sheet Size
RJW	CAD	1:75	A1

Please note: - No alterations may be made to the method of manufacture, materials specified & dimensions shown on this drawing without prior consultation with BIL cad dept. Any products specified on this drawing MUST be used in accordance with the manufacturers specification. Should any costs be incurred due to unconfirmed alterations the manufacturer may be liable.

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