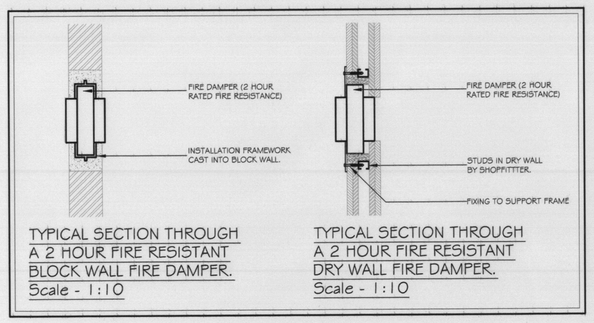
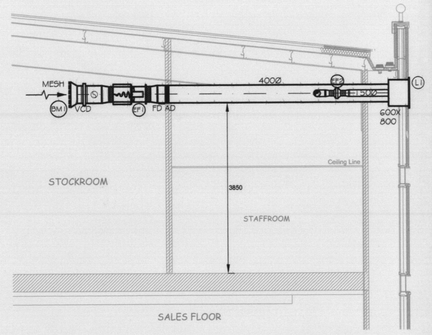
DO NOT SCALE



TYPICAL SECTION THROUGH A 2 HOUR FIRE RESISTANT BLOCK WALL FIRE DAMPER. Scale - 1:10

TYPICAL SECTION THROUGH A 2 HOUR FIRE RESISTANT DRY WALL FIRE DAMPER. Scale - 1:10



SECTION A-A

VENTILATION EQUIPMENT (BY AIR CONDITIONING CONTRACTOR)

REF	DESCRIPTION	MANUFACTURER	MODEL / SIZE	DUTY	POWER	FLC	FINISH	FAN POWER
EF1	LONG CASED AXIAL EXTRACT FAN	ELTA	SLC350/4-2	690L/S	1ph/240V/50Hz	1.3A	-	0.26 W/L/S
EF2	IN-LINE EXTRACT FAN	SYSTEMAIR	K125XL	90L/S	1ph/240V/50Hz	0.34A	-	0.84 W/L/S
EF3	IN-LINE EXTRACT FAN	SYSTEMAIR	K100M	50L/S	1ph/240V/50Hz	0.33A	-	0.48 W/L/S
EF4	PANEL EXTRACT FAN	EXPRESS-AIR	EAF100	23L/S	1ph/240V/50Hz	0.12A	-	0.43 W/L/S
SF1 & SF2	PANEL SUPPLY FAN	VENT-AXIA	TX12PL	320L/S	1ph/240V/50Hz	0.51A	-	0.33 W/L/S
EG1 - EG2	EGG CRATE GRILLE - EXTRACT	-	595X595 O/F	-	-	-	WHITE	-
EG3	DOUBLE DEFLECTION GRILLE - EXTRACT	-	200X200 O/F	23L/S	-	-	MILL	-
EG4	AIR VALVE - EXTRACT	-	150Ø NECK	50L/S	-	-	WHITE	-
EG5 - EG7	AIR VALVE - EXTRACT	-	125Ø NECK	30L/S	-	-	WHITE	-
BM1	ALUMINIUM BELL MOUTH C/W MESH	-	-	650L/S	-	-	-	-
L1	LOUVRE C/W 95MM FLANGES + BIRDMESH	-	900X600 NECK	-	-	-	TBC	-

AIR-CONDITIONING EQUIPMENT

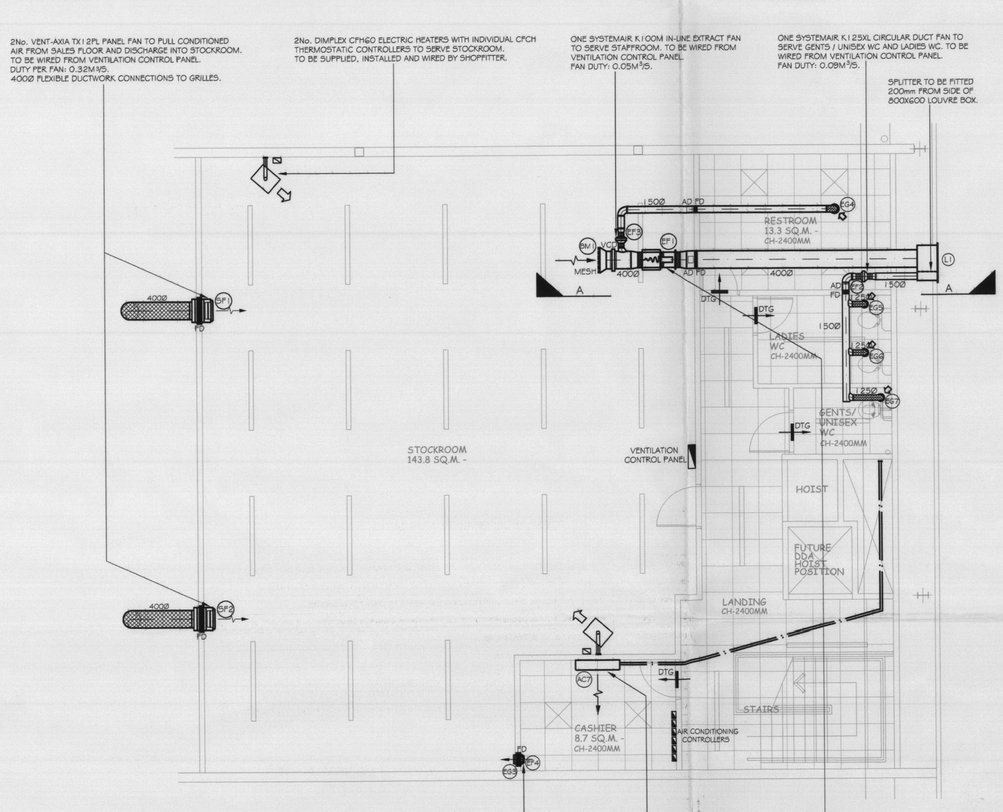
REF	DESCRIPTION	MANUFACTURER	MODEL	GAS	PIPE SIZES	MAX PIPE LENGTH	POWER	FLC	SWL	WEIGHT (each)	COP	EER
CU1	INVERTER CONDENSING UNIT	PANASONIC	CU-L50DBE8	R410A	5/8" (G), 3/8" (L)	70M	3ph/415V/50Hz	8.7A	57 dB(A)	102kg	-	-
CU2 - CU8	INVERTER CONDENSING UNIT	PANASONIC	CU-L43DBE8	R410A	5/8" (G), 3/8" (L)	50M	3ph/415V/50Hz	6.4A	55 dB(A)	105kg	-	-
CU7	INVERTER CONDENSING UNIT	PANASONIC	CU-E18EKE	R410A	1/2" (G), 1/4" (L)	20M	1ph/240V/50Hz	-	47 dB(A)	49kg	-	-
AC1	HEAT-PUMP 4-WAY CASSETTE	PANASONIC	CS-F50DB4E5	R410A	5/8" (G), 3/8" (L)	70M	-	-	35 dB(A)	37kg	3.41	3.01
AC2 - AC6	HEAT-PUMP 4-WAY CASSETTE	PANASONIC	CS-F43DB4E5	R410A	5/8" (G), 3/8" (L)	50M	-	-	46 dB(A)	32.5kg	3.61	3.43
AC7	HEAT-PUMP 4-WAY CASSETTE	PANASONIC	CS-E18DKEW	R410A	1/2" (G), 1/4" (L)	25M	-	0.1A	44 dB(A)	11kg	3.69	3.21

ATTENDANCES BY MAIN CONTRACTOR

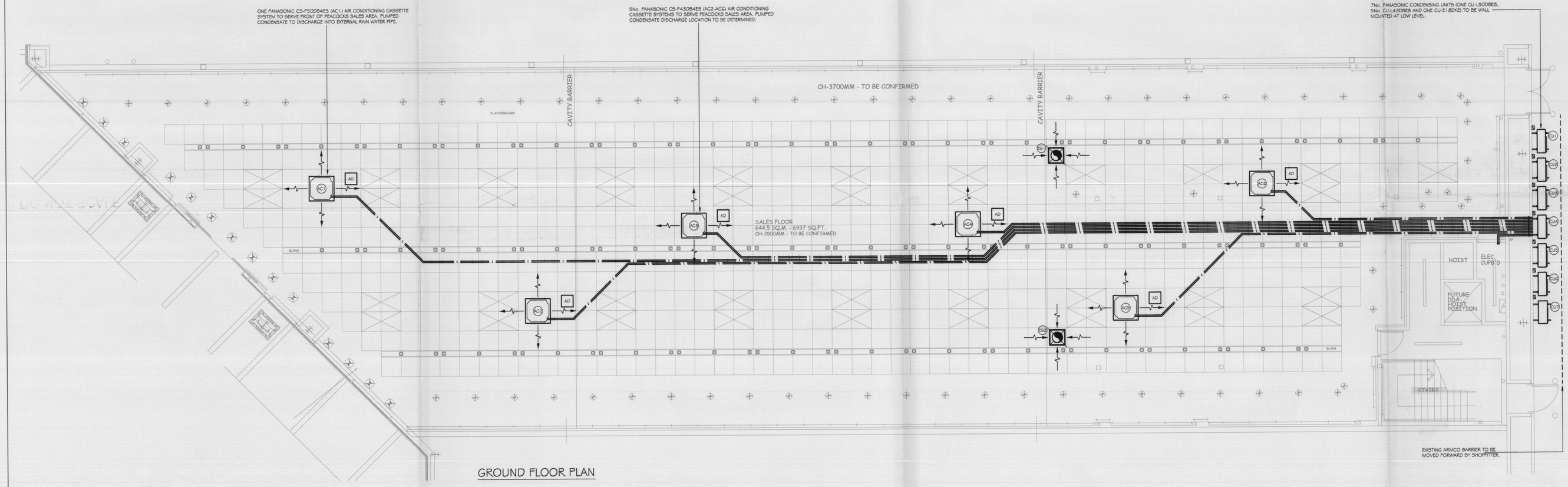
REF	DESCRIPTION
STOCKROOM HEATERS	SUPPLY, INSTALL & WIRE 2No. DIMPLEX CFH60 HEATERS WITH INDIVIDUAL CFCH THERMOSTATIC CONTROLLERS.
OPENINGS FOR GRILLES	PROVIDE 2No. 550X550 OPENINGS IN SALES FLOOR METAL CEILING TILES (AS SHOWN) FOR GRILLES.
OPENINGS FOR CASSETTES	PROVIDE 6No. 880X880 OPENINGS IN METAL CEILING TILES (AS SHOWN) FOR CASSETTES.
A/C ACCESS DOORS	PROVIDE 6No. ACCESS DOORS IN METAL CEILING TILES (AS SHOWN) FOR CASSETTES.
BUILDERSWORK	TO UNDERTAKE ALL BUILDERSWORK.
CONDENSATE DRAINAGE	FINAL CONNECTION INTO DRAINS.
DOOR TRANSFER GRILLES	SUPPLY & INSTALL ALL DOOR TRANSFER GRILLES.
A/C ISOLATOR WARNING	NO ISOLATORS TO BE FITTED ON INTERCONNECTING WIRING BETWEEN INDOOR AND OUTDOOR UNITS.
VENTILATION	TO WIRE OFFICE PANEL FAN TO LIGHTING CIRCUIT (ALL OTHER FANS TO BE WIRED BY VENT CONTRACTOR)
RE-POSITIONING	TO RE-POSITION EXISTING ARMCO BARRIER.

ATTENDANCES BY A/C & VENT CONTACTOR + GENERAL NOTES

REF	DESCRIPTION
VENTILATION	SUPPLY & INSTALL VENTILATION SYSTEM (AS SHOWN).
VENTILATION WIRING	PROVIDE VENTILATION CONTROL PANEL & WIRE FANS (APART FROM EF4) TO PANEL.
POSITIONING OF VENTILATION CONTROL PANEL	VENTILATION CONTROL PANEL TO BE POSITIONED IN STOCKROOM (EXACT POSITION TO BE DETERMINED)
POSITIONING OF A/C CONTROL PANELS	A/C CONTROL PANELS TO BE POSITIONED IN CASH OFFICE (EXACT POSITIONS TO BE DETERMINED)
PROGRAMMING OF A/C CONTROL PANELS	A/C CONTROL PANELS TO BE PROGRAMMED TO SWITCH OFF AT 10PM. MANNUAL RE-START IN MORNINGS.



MEZZANINE PLAN



GROUND FLOOR PLAN

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Notes

ALL DIMENSIONS AND SETTING OUT TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT

Revision

Client: PEACOCKS STORES Ltd.

Project:
UNIT 23
MANCHSTER FORT SHOPPING CENTRE
CHEETHAM HILL ROAD
MANCHSTER
LANCASHIRE
M8 8LN

PROPOSED AIR CONDITIONING & VENTILATION LAYOUT

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Date	Scale
12/02/09	1:50@A0+
Drawn: TG	Checked
Drawing No: E09026/1	

REVISION	BY	DATE	CHKD
A	MH	26 FEB 2009	PLANNING