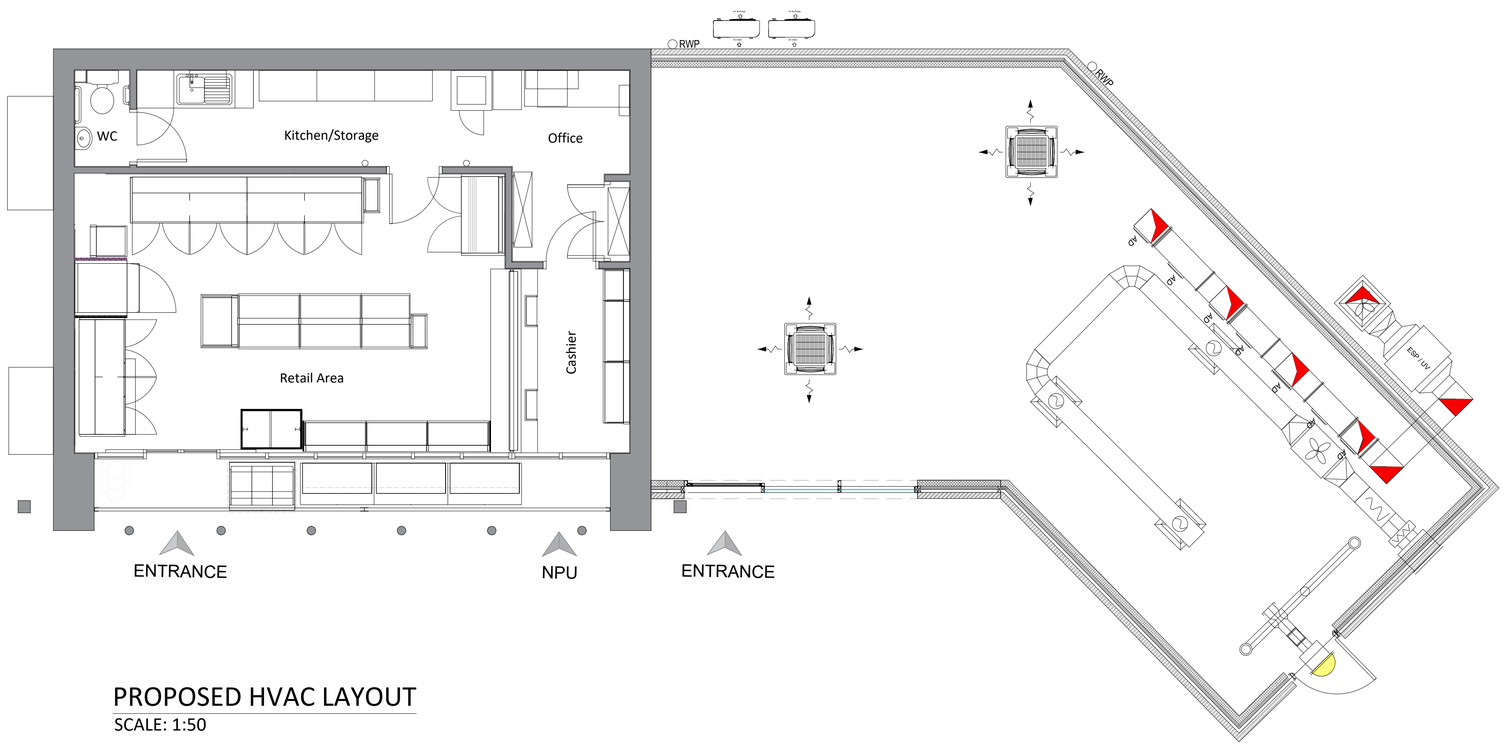
Superseded



PROPOSED HVAC LAYOUT

SCALE: 1:50

Technical Specification and Data

Technical Specification and Data:	
Size (H x W x D)	594 x 196 x 597mm
Gross Weight	17.95 kg
Carbon Weight	16.6 kg
Rated Airflow	1,266 m3/hr
Pressure Drop	120 Pa @ design air volume
Recommended Dwell Times	Ozone Control – 0.1 – 0.2 Second Low-Medium Odour Control – 0.1 Second High Odour Control: 0.2 – 0.4 Second Very High Odour Control: 0.4 – 0.8 Second

PROPOSED DUCT ATTENUATORS			
EQUIPMENT	LOCATION	MANUFACTURER	MODEL
SIL AX Duct connected silencers	**Between extract fan and aperture**	**SYSTEMAIR**	**FSAF630C2DA Silencer 690 / 12**
SIL AX Duct connected silencers	**Between inlet and fan**	**SYSTEMAIR**	**FSAF500B2DB Silencer 541 / 12**

FAN SCHEDULE

Ref	Equipment	Location	Manufacturer	Model	Size	Supply	R.C.	S.C.	Air flow	Power	SFP	Pd (Pa)	Weight
SF 01	Supply AHU	Kitchen Ceiling Void	Systemair	MUB 042 450EC	650x650x650mm	240v /1ph / 50hz	4.23 a	7 a	1520l/s	580w	0.75kw/m3/s	200	49kg
EF 01	Kitchen Extract Fan	Kitchen Ceiling	Systemair	MUBT062500EC	800x800x800mm	415v /3ph / 50hz	3.8 a	13 a	2000l/s	1476w	0.95kw/m3/s	500	105kg

AIR CONDITIONING EQUIPMENT SCHEDULE

Ref	Equipment	Location	Manufacturer	Model	Size	Supply	R.C.	S.C.	Air flow	cop/scop/escop	eer/seer/eseer	Weight
AC 01	Internal Air Con unit	Sales Area Ceiling	Toshiba	SM1104 UTP-E	950 x 950 x 400	From outdoor unit	NA	NA	558l/s	3.82 / 5.87 / 7.07	3.31 / 5.87 / 6.43	24kg
CU/01	External Air Con Unit	External Wall	Toshiba	SM1104 AT8-E	890 x 900 x 320	240v /1ph / 50hz	14.6 a	8a	1133l/s	" " "	" " "	75kg

DRAWING NOTES

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This drawing has been produced for the project listed below, is submitted in support of this application application to the Local Planning Authority and is not intended for use by any other person or for any other purpose.

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GENERAL NOTES

1. This drawing has been prepared for the sole purpose of obtaining planning permission.
2. This drawing is to be read in conjunction with drawings numbered:

14314-2096-LP	Location Plan
14314-2096-BP	Block Plan
14314-2096-200	Existing Site Plan
14314-2096-201	Proposed Site Plan
14314-2096-202	Existing Sales Building Layout
14314-2096-203	Existing Sales Building Elevations
14314-2096-204	Proposed Sales Building Layout
14314-2096-204-1	Proposed HVAC Layout
14314-2096-205	Proposed Sales Building Elevations

3. Any advertisements are indicative and are subject to a separate advertisement application
4. Any neighbouring buildings shown on the elevations are diagrammatic and have been extrapolated from site photographs. They have not been measured.

SCHEDULE OF PROPOSED FINISHES

BUILDING EXTERNAL WALLS
Masonry brickwork to match existing external finish. Entire building to be decorated Grey RAL 7016

BUILDING ROOF
Existing sales building flat roof to be retained. New flat roof to be installed over proposed extension.

SHOPFRONT
Part New Shopfront frames to be finished in Grey (RAL7016)
New fully glazed, single auto-sliding door, frames to be finished in Grey (RAL 7016)

CANOPY
Traditional steel framed canopy over forecourt w/o signage to be retained as is.

SURFACING
Existing forecourt surfacing retained as is. Install Asphalt to new footpath and kerbed areas.

0 1 2 3 4 5
SCALE - METRES - 1:50

REV	DATE	DESCRIPTION	DRAWN/CHECKED
REVISION NOTES			

PLANNING

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CLIENT
mfg motor fuel group

PROJECT
FS2096 - BAGLAN MOOR MORRISONS
CHRISTCHURCH ROAD,
BAGLAN INDUSTRIAL PARK, PORT TALBOT
SA12 7DA

DRAWING TITLE
PROPOSED HVAC LAYOUT

DRAWN BY	DATE	SCALE	PAPER SIZE
HP	28.07.2025	1:50	A1
CHECKED BY	DRAWING NUMBER		REV.
KL	14314-2096-204-1		