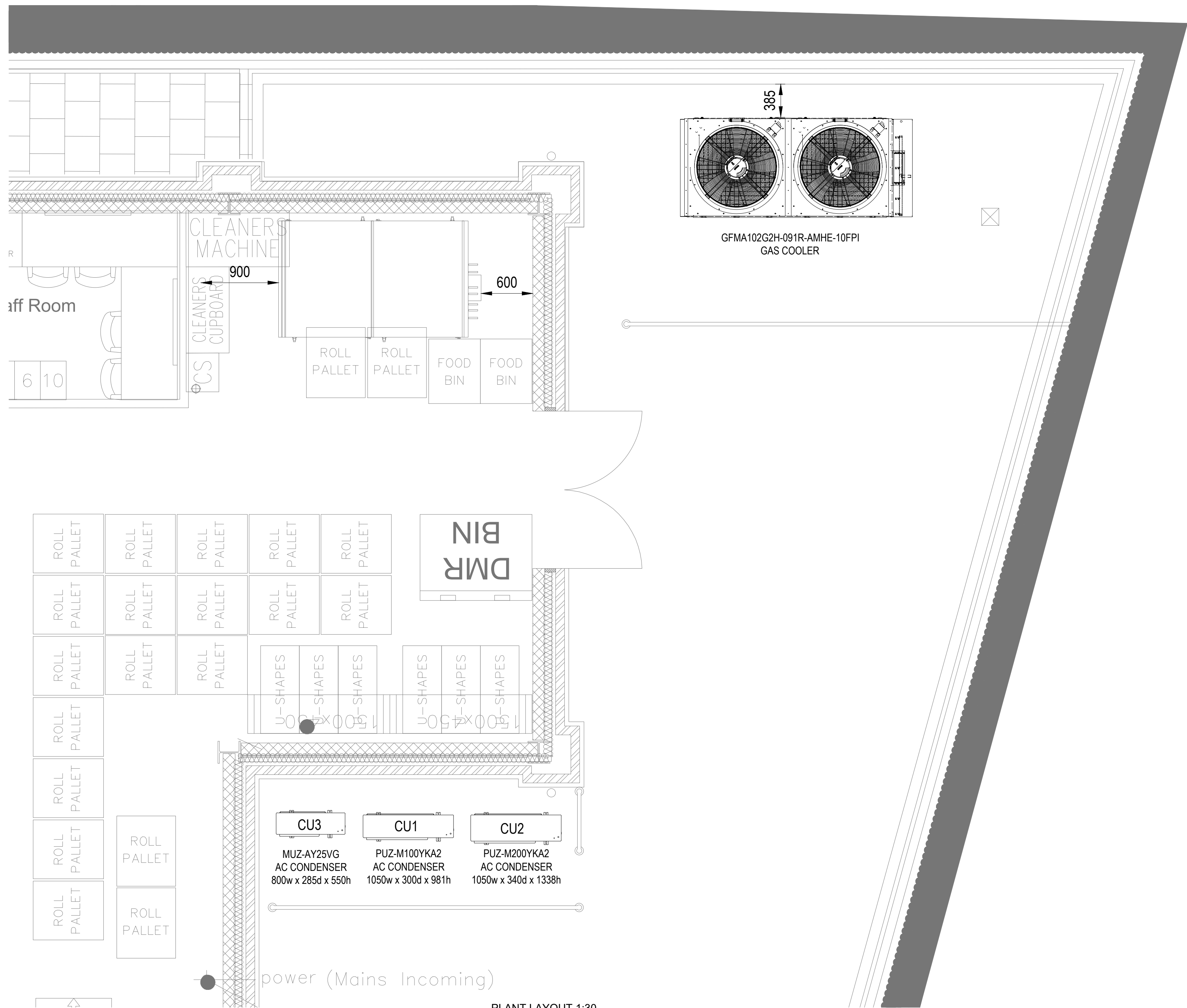


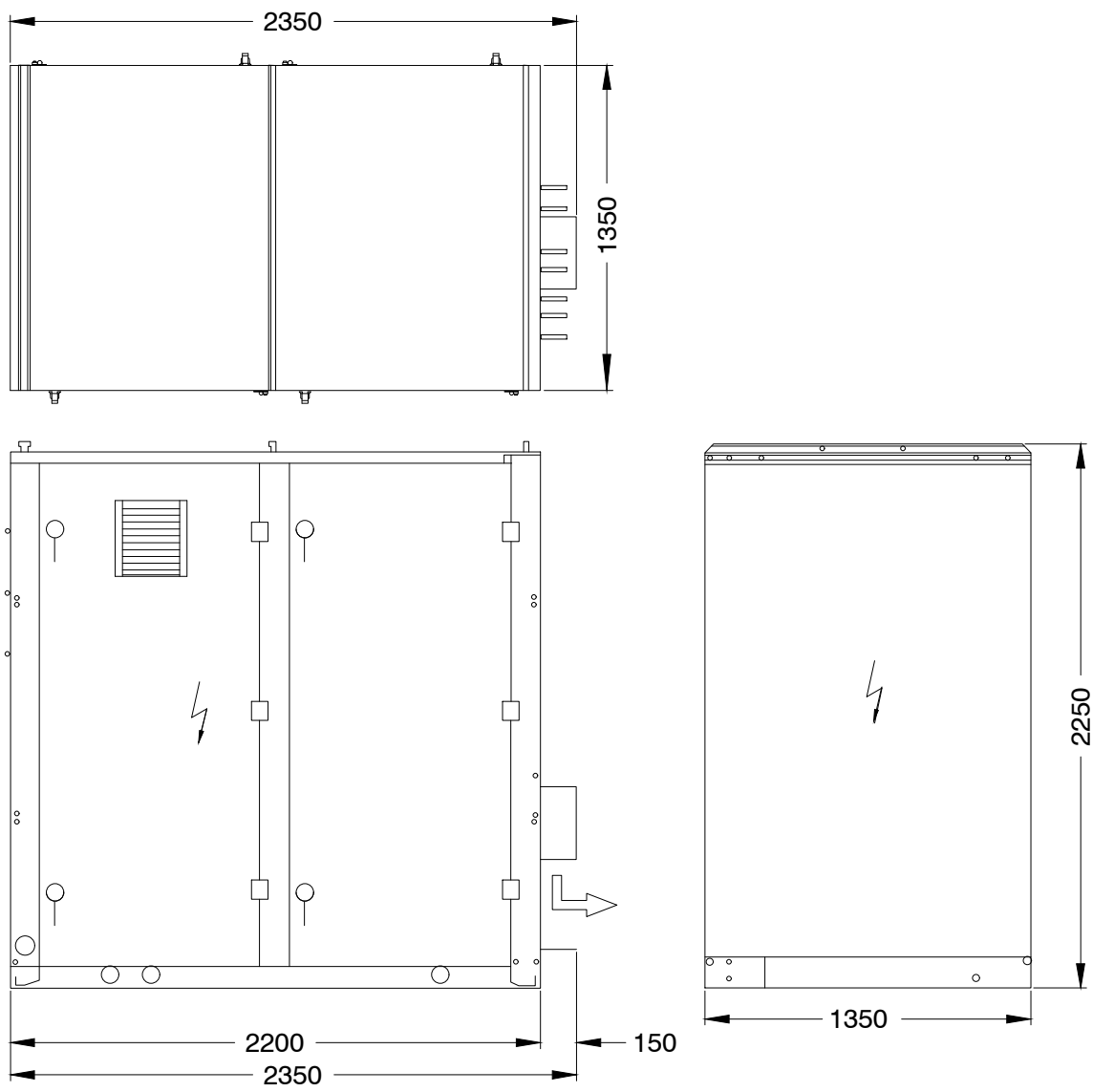


PLANT LAYOUT 1:30

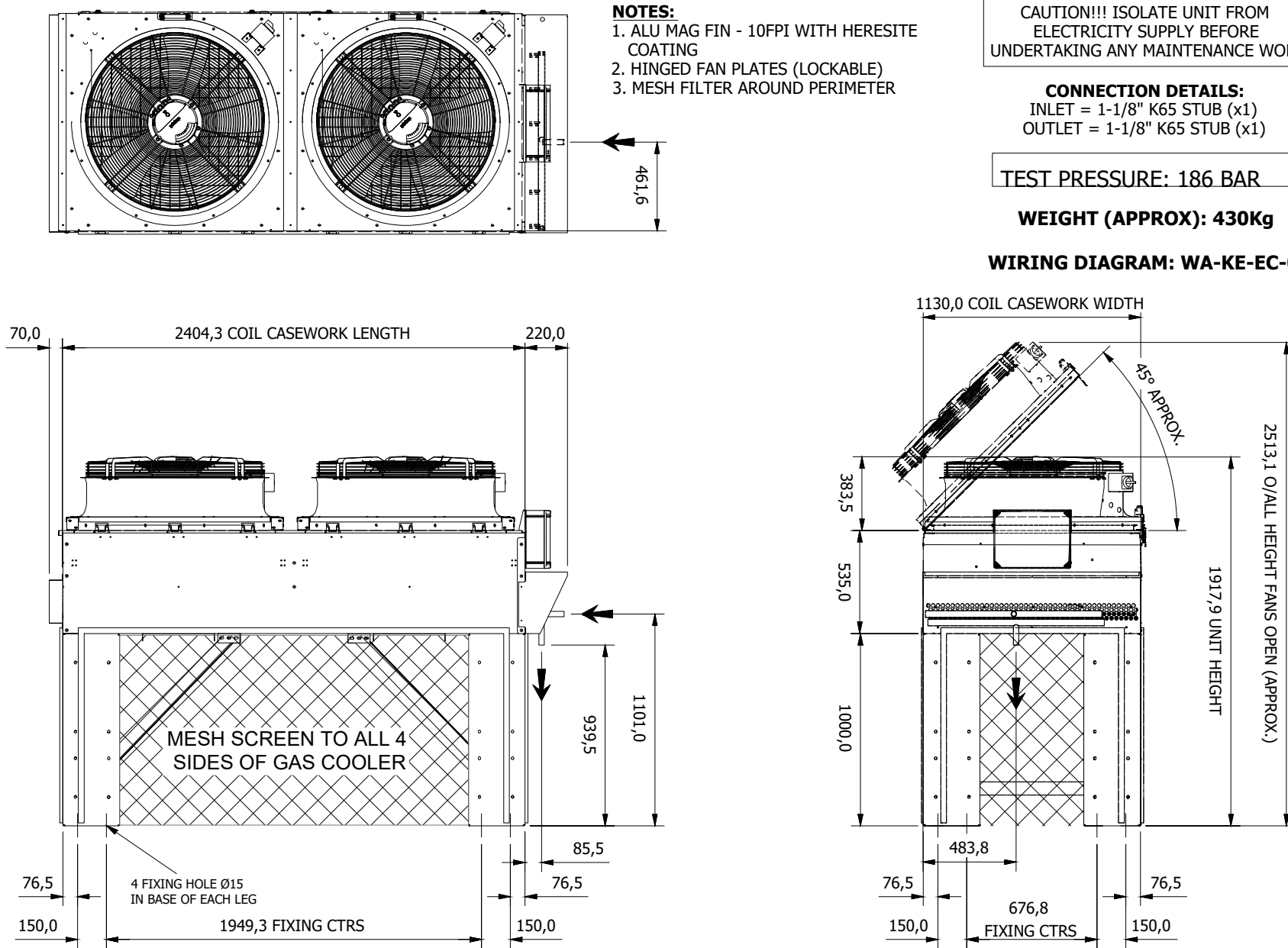
AIR CONDITIONING CONDENSING UNIT LEGEND														
CU1	1	Retail condensing unit No 1	Mitsubishi	PUZ-M100YKA2		10	13 amps	32 amps	240v	R32	52dba@1m		1050x330x981	76
CU2	1	Retail condensing unit No 2	Mitsubishi	PUZ-M200YKA2		20	10.8amps	25amps	415v	R32	52dba@1m		1050x330x1338	129
CU3	1	Cash office condensing unit No 3	Mitsubishi	MUZ-AY25VG		3.2	6.1 amps	10 amps	240v	R32	52dba@1m		798x245x299	27

Condenser / Gas Cooler																												
	PACK ID (31"*)	SYSTEM REF (17/ LT / DT)	ASSET TAG NUMBER (SSL12345678) NO SPACES OR DASHES	ASSET TYPE	ASSET LOCATION	NEW / EXISTING	DATE INSTALLED DD/MM/YYYY	MANUFACTURER	MANUFACTURER MODEL REFERENCE	REFRIGERANT	FAN TYPE	Number of Fan Motors	Start Current Per Fan Motor (A)	Run Current Per Fan Motor (A)	SUPPLY VOLTAGE	DUTY (kW)	Air Volume Required (m3/s)	AMBIENT DESIGN TEMPERATURE (°C)	MAXIMUM DESIGN CONDENSING TEMPERATURE (°C)	TD (k)	OPERATIONAL WEIGHT (KG)	FIN MATERIAL	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	Noise Rating dBA @ 10m Day Time	Noise Rating dBA @ 10m Day Time	Pipework connection size (")
	301	DT1	SSL01224000	GAS COOLER	SERVICE YARD	NEW	MUST BE COMPLETED	SEARLE	GF-MA102G3H-091R-AMHE-10FPI	R744	EC	2	5.70	0.1 - 4.1	400	41.32	3.36	36	36	3K	435	CU-AMHE	2793	1130	1918	28	N/A	1 1/8" , 1 1/8"

	SYSTEM REF.	PACK ID (8"*)	ASSET TAG NUMBER (SSL12345678) NO SPACES OR DASHES	ASSET TYPE	ASSET LOCATION	NEW / EXISTING	DATE INSTALLED	MANUFACTURER	MODEL	PACK CONTROLLER	REFRIGERANT	REFRIGERANT CHARGE (KG)	PED CATEGORY	NUMBER OF COMPRESSORS	COMPRESSOR MODEL	Max Current (Amps)	Full Load Current Per Comp @ Design Conditions (Amps)	Cooling Capacity (Kw)	Total Supply Voltage	Housed or Unhoused	Operational Weight (kg)	Receiver Volume	THR (Kw)	PED Cat.	Length of Unit (mm)	Width of Unit (mm)	Height of Unit (mm)	Unit DB Rating @ 10 Metres DAY	Unit DB Rating @ 10 Metres NIGHT
Refrigeration Pack	DT1	301	SSL01224000	REFRIGERATION PACK	WAREHOUSE	NEW		SCM FRIGO	1x MWS 065 + 043 MTDX + UMCE 007 HBT/S	Carel PR300T	R744	85	IV	1	4MTE-7K (405)	16	12.88	14.15	415/3ph/50hz	Standard housing	1400	70L	35.08	IV	2350	1350	2250	45	45
														1	4PTE-6K (405)	11	8.73	8.61											
														1	2MME-07K	2.9	2.9	3.14											



TYPICAL SCM FRIGO PACK DETAIL 1:30



GFMA102G2H-091R-AMHE-10FPI SEARLE GAS COOLER DETAIL 1:30

NOTES

DO NOT SCALE. CELL SIZES ON THIS DRAWING ARE GENERIC FOR ACTUAL SIZE - REFER TO SUPPLIER OR CONSULTANT INSTALLATION DRAWING. THE REFRIGERATED EQUIPMENT ON THIS DRAWING IS BASED ON NEW EQUIPMENT AND GENERIC EQUIPMENT SIZES (UNLESS STATED OTHERWISE).

DRAWING BASED ON

Hitchin.24.2355-L.RevC-LAYOUT

REVISIONS

NOTES:

- A. SMOOTH LEVEL BASE CONCRETE PLINTH REQUIRED FOR REFRIGERATION PLANT - TO BE PROVIDED BY BUILDER. PROPOSED NEW PLINTHS TO BE DOWELLED TO EXISTING, PLINTHS TO PROVIDE A FLAT & LEVEL BASE FOR NEW PLANT. ALL PLINTH DIMENSIONS ARE APPROXIMATE, TO BE CONFIRMED BY BUILDER.
- B. REFRIGERATION PLANT TO BE MOUNTED ON SUITABLE ANTI-VIBRATION PAD.
- C. CONDENSERS ARE SUPPLIED WITH ISOLATOR & CONTROL PANEL ON THE PIPE END, UNLESS OTHERWISE STATED

AIRKOOL

Drawing number: XX-0000-0000-AIR-ZZZZ-00-DR-N-0555

Project

SAINSBURY'S LOCAL HITCHIN

Drawing Title

REFRIGERATION PLANT PLANNING LAYOUT

Originator

J.A

Authorised

P.W

Date

14.11.24

Scale

AS IS # A1 1:25

Sainsbury's Local

SAINSBURY'S SUPERMARKET LIMITED