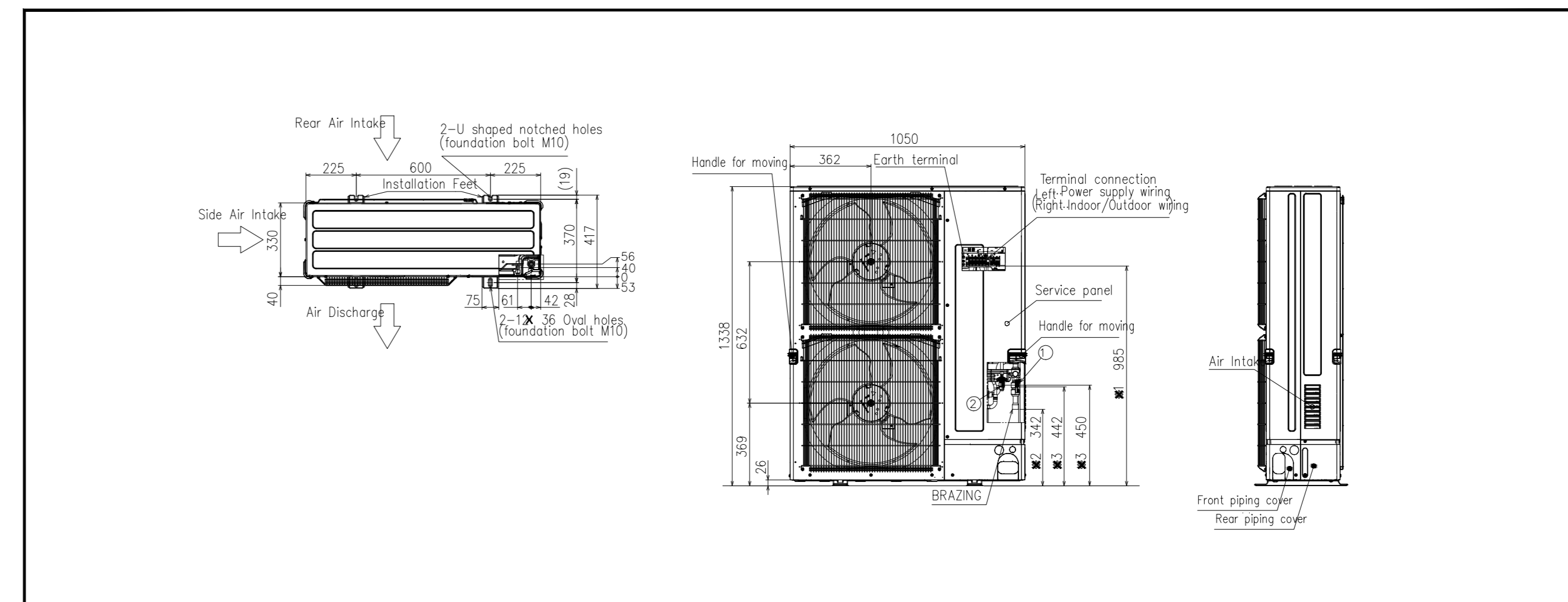
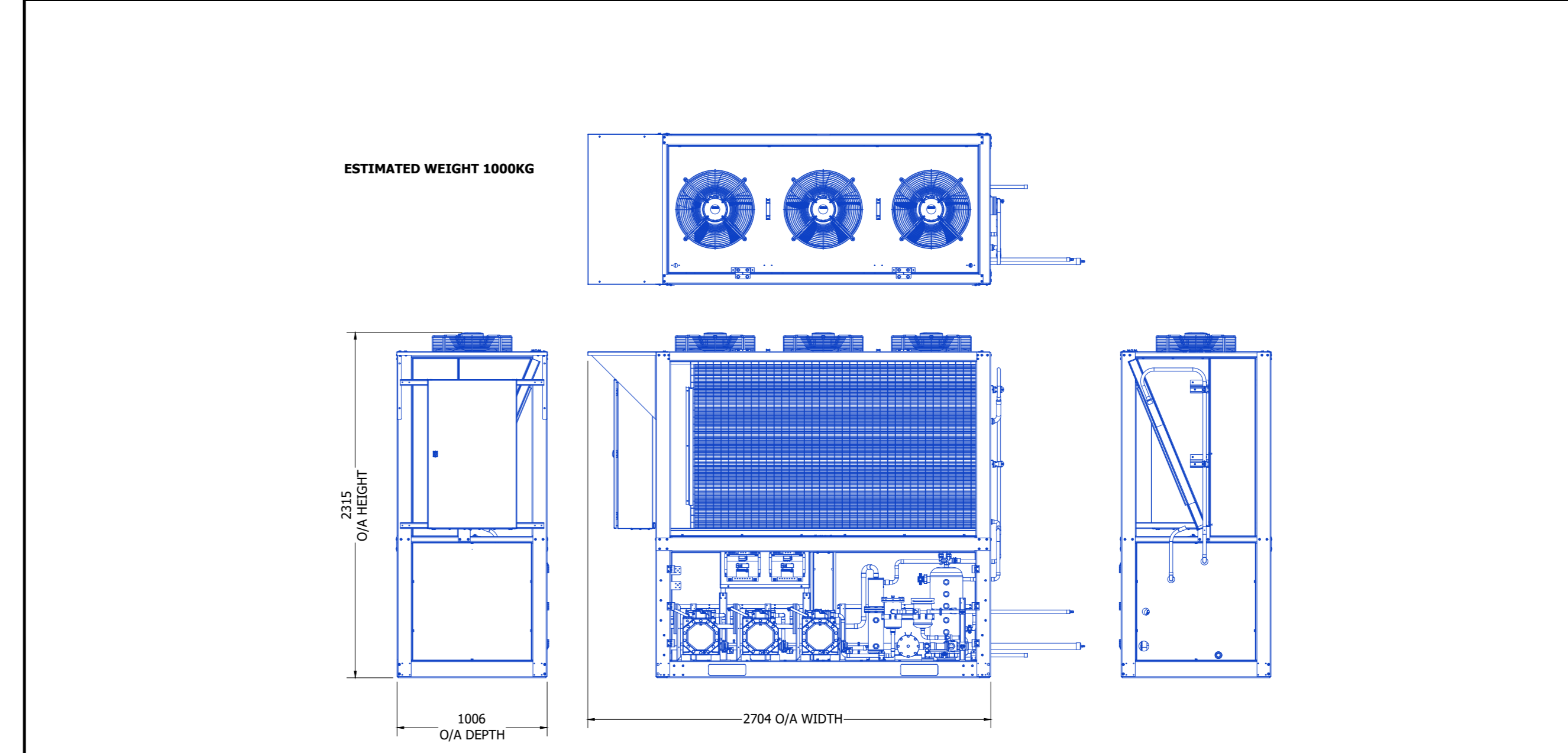


SITE LAYOUT  
SCALE - 1:150

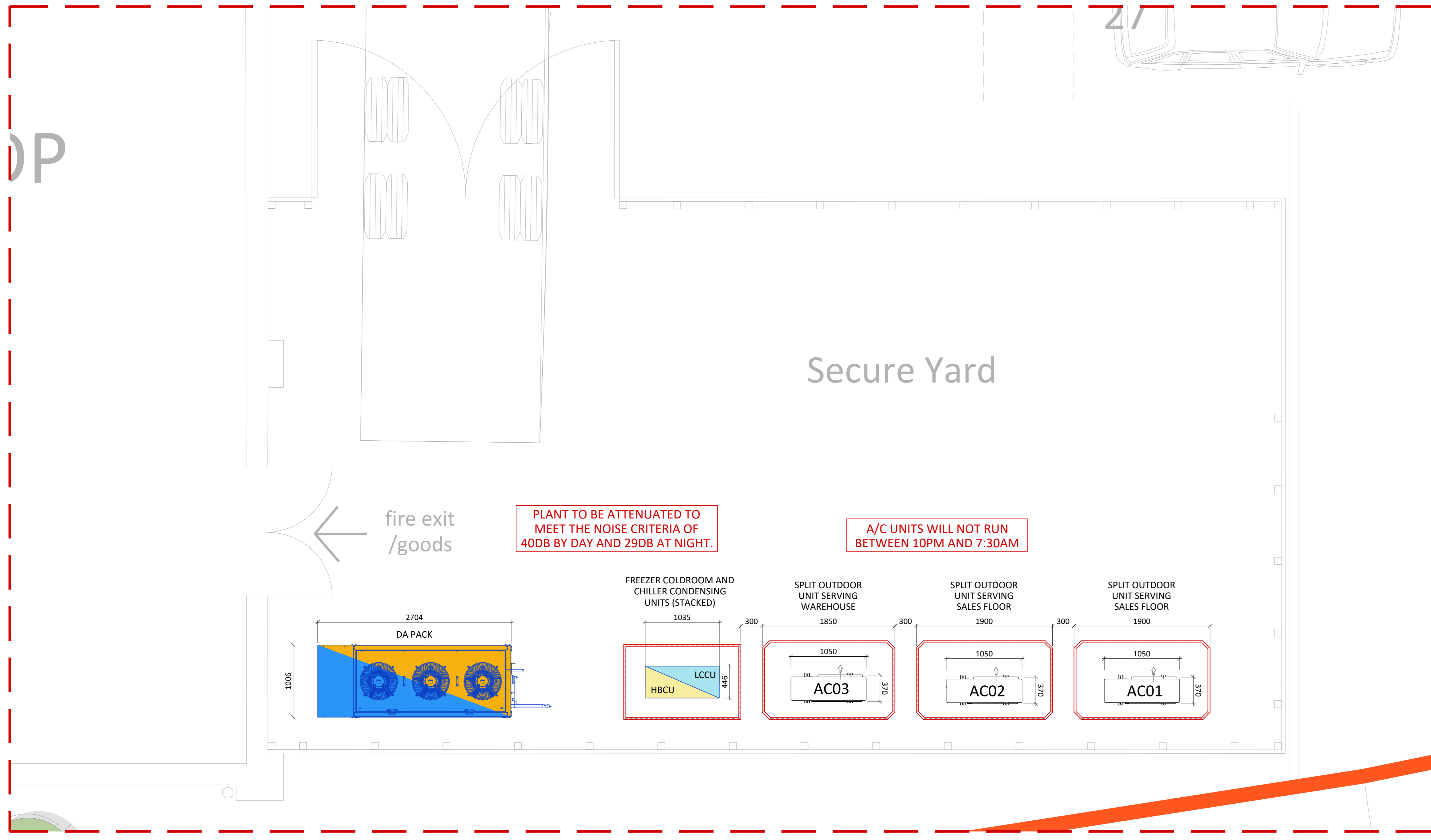


MITSUBISHI MULTI SPLIT EXTERNAL UNIT - MODEL: PUZ-ZM100VKA2 / PUZ-ZM250VKA2  
SCALE - 1:20

- NOTES**  
DO NOT SCALE FROM THIS DRAWING.  
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- KEY**
- DA - HA DUAL TEMPERATURE PACKAGED UNIT
  - DA - LA DUAL TEMPERATURE PACKAGED UNIT
  - FREEZER COLDROOM CONDENSING UNIT
  - CHILLER COLDROOM CONDENSING UNIT



HUBBARD PACK DETAIL  
SCALE - 1:30



PLANT LAYOUT  
SCALE - 1:30

PLANT REFERENCE	NEW / EXISTING	UNIT MODEL	MANUFACTURER	DESCRIPTION	REFRIGERANT	RECOVERY VOLUME (LITRE)	RECOVERY WEIGHT (KG)	RECOVERY PRESSURE (BAR)	RECOVERY TEMPERATURE (°C)	RECOVERY TIME (HOURS)	RECOVERY METHOD	RECOVERY COST (£)	RECOVERY NOTES
DMRXX	New	A2L Silver Microchannel	Hubbard	External A2L DT Pack with integrated Condenser	R454C	21	21.30						
HBCU	New	ZM2000CFHJ	Copeland	External HT Condensing Unit	R410A	4.1	3.70						
LCCU	New	ZM050EPI	Copeland	External LT Condensing Unit	R410A	4.1	-						

REF No.	LOCATION	MANUFACTURER	MODEL	DESCRIPTION	COOLING CAPACITY (kW)	HEATING CAPACITY (kW)	SPR (dB(A) @ 1m)	POWER SUPPLY
AC01	PLANT AREA	MITSUBISHI ELECTRIC	PUZ-ZM250VKA2	MULTI SPLIT EXTERNAL UNIT	4.11	5.07	51	380V, 50Hz, 3ph
AC02	PLANT AREA	MITSUBISHI ELECTRIC	PUZ-ZM250VKA2	MULTI SPLIT EXTERNAL UNIT	4.11	5.07	51	380V, 50Hz, 3ph
AC03	PLANT AREA	MITSUBISHI ELECTRIC	PUZ-ZM100VKA2	MULTI SPLIT EXTERNAL UNIT	1.99	2.41	51	240V, 50Hz, 1ph

Rev	Date	Description	Drawn By
C	17/11/2023	Plant detail scales altered.	M.Mc
B	06/10/2023	Plant area attenuation requirements added.	M.Mc
A	28/04/2023	AC units within plant area revised.	M.Mc
-	22/03/2023	First Issue. Based on 003 drawing number 16015 DB3 801-00-DR-A-SK-007.	M.Mc

Client: **central coop**

Project: Former Methodist Church, Liverpool Road, MAGHULL, Liverpool. L31 2HP

Drawing Title: EXTERNAL PLANT LAYOUT



0121 250 1000  
sales@cartersynergy.com  
www.cartersynergy.com  
90 Lea Ford Road, Birmingham, B33 9TX

**FOR INFORMATION**

Scale	Date	Drawn By	Checked
As Indicated	OCT '23	M.Mc	J.W

Project No. Drawing No. Revision  
01 C



TYPICAL EXAMPLE OF REFRIGERATION PLANT ATTENUATION