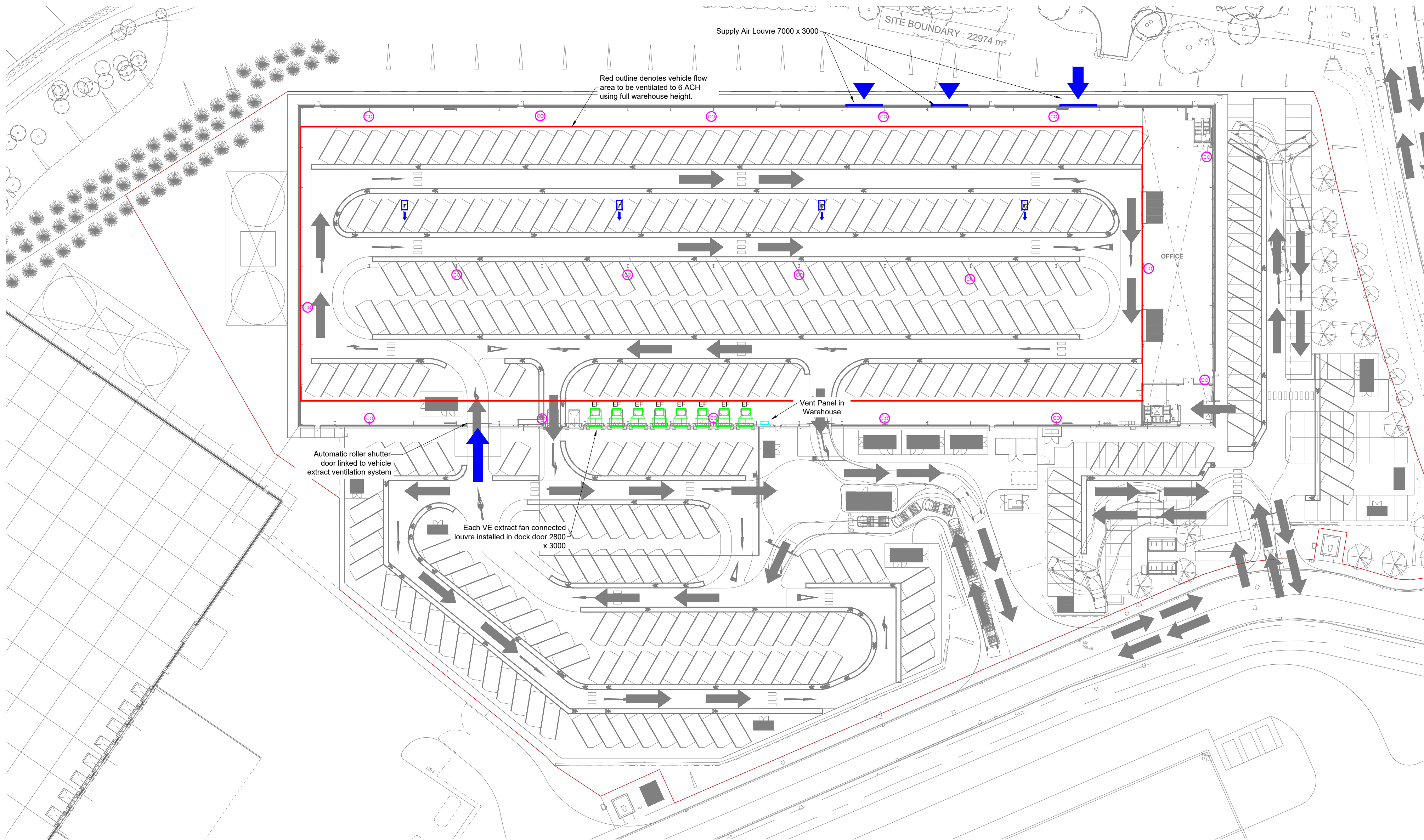
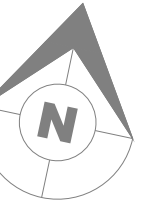




0 10 20 30 40m
SCALE 1:500



NOTES

- All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
- This drawing is to be read in conjunction with all relevant engineers' and service engineers' drawings and specifications. This drawing is copyright.
- VENTILATION OPERATION:

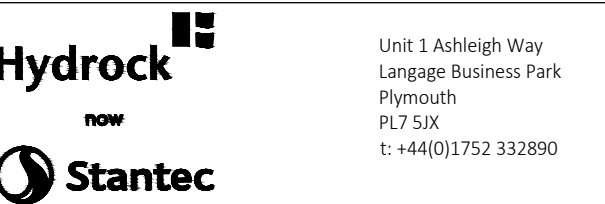
Normal Ventilation (day-to-day mode)
In a normal operational building the high level extract fans and impulse fans will run in idle mode until sensors detect CO levels at 20PPM.

At 20PPM Extract fans will run to provide 1.5 ACH
At 30PPM Extract fans will run to provide 3.0 ACH
At 40PPM Extract fans will run to provide 4.5 ACH
At 50PPM Extract fans will run to provide 6.0 ACH
and the induction fans will operate at full load.

REVISIONS

P03	Louvre location amended to avoid cross bracing					
	GAW	10/02/25	JSP	10/02/25	GPH	10/02/25
P02	Fans relocated to use dock door openings. Louvre locations amended to suit.					
	GAW	29/01/25	JSP	29/01/25	GPH	29/01/25
P01	Initial Issue.					
	GAW	1/11/24	JSP	1/11/24	GPH	1/11/24
REV	REVISION NOTES/COMMENTS					
	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE

ARCHITECT



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PROJECT

J21 M62, ROCHDALE,
GREATER MANCHESTER, OL16 4NW

TITLE

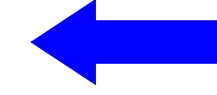
VEHICLE STORAGE
VEHICLE EXHAUST EXTRACT SYSTEM
SKETCH

HYDROCK PROJECT NO. 36903-BPLY		SCALE @ A1 1:500	
STATUS DESCRIPTION FOR INFORMATION			STATUS S2
DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) 36903-HYD-XX-XX-SK-M-5700			REVISION P03

LEGEND



High efficiency variable speed cased Axial Exhaust Fans for high temperature, normal & smoke extraction ventilation, rated at 300°C for 2 hours (F300 certified) mounted at LL.



Automatic Roller Shutter Door for smoke ventilation system for make-up air.



Centrifugal variable speed Induction Fans for high temperature, normal & smoke extraction ventilation, rated at 300°C for 2 hours (F300 certified) mounted at approx. 5-6m AFFL to underside.



CO Sensors mounted at 1.8m AFFL linked to vehicle exhaust & smoke ventilation system



Smoke ventilation firemans keyswitch