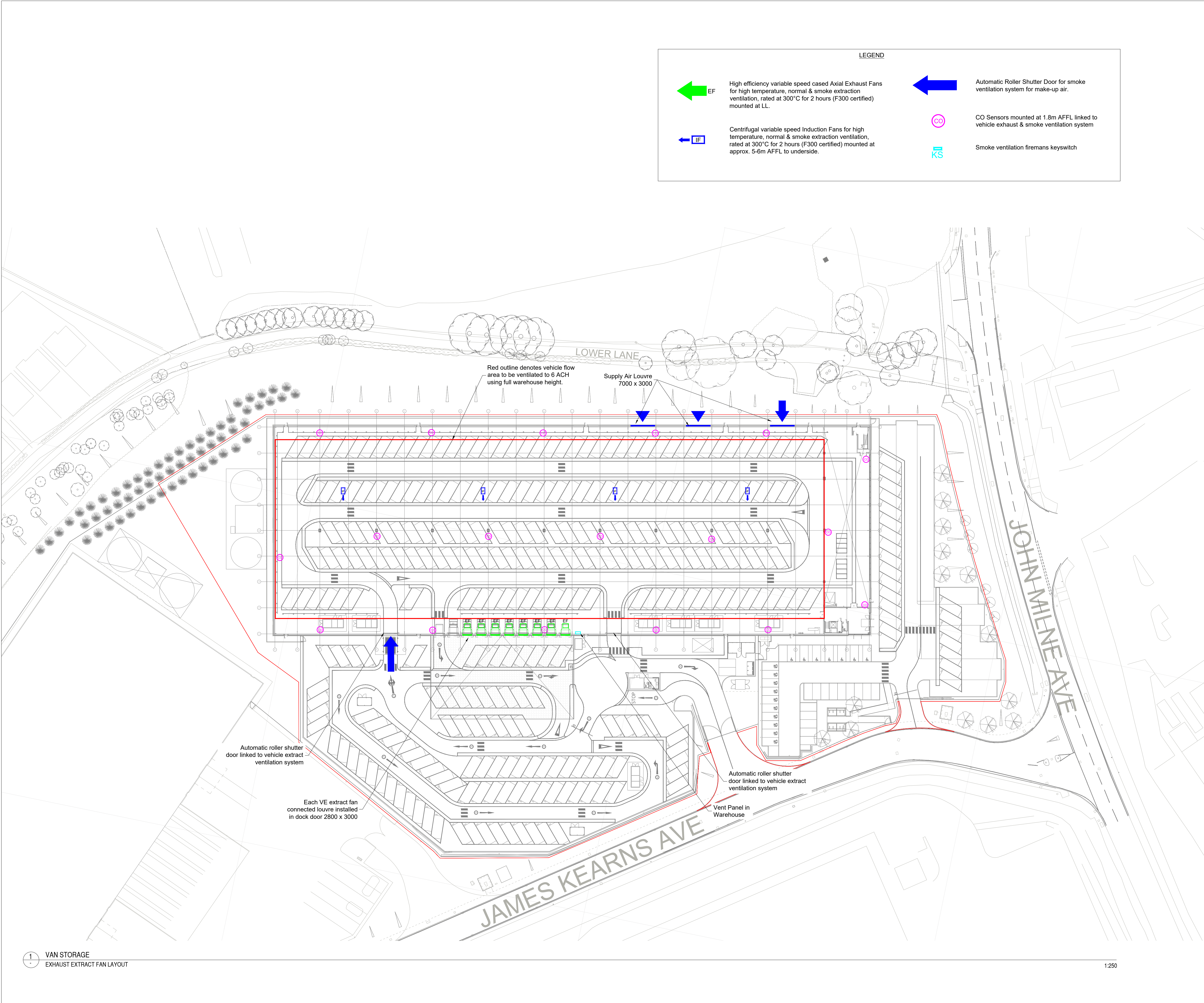
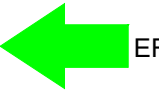




LEGEND



EF

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.



IF

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.



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



CO

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



KS

Smoke ventilation firemans keyswitch

KEY PLAN					
NOTES 1. 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. 2. This drawing is to be read in conjunction with all relevant engineers' and service engineers' drawings and specifications. This drawing is copyright. 3. All final location and number of fans to be confirmed by specialist car park ventilation contractor. 4. 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					
P05	UPDATED TO THE LATEST SITE PLAN				
	C. ARNOLD	11/06/25	C. CALISKAN	11/06/25	C. CALISKAN
P04	UPDATED TO THE LATEST SITE PLAN				
	C. ARNOLD	06/06/25	C. CALISKAN	06/06/25	C. CALISKAN
P03	GAW	10/02/25	JSP	10/02/25	GPH
P02	TENDER ISSUE				
	C. ARNOLD	17/04/25	C. CALISKAN	17/04/25	J. VALENTINE
P01	Initial Issue				
	C. ARNOLD	02/04/25	C. CALISKAN	02/04/25	J. PETERS
REV	REVISION NOTES/COMMENTS				
	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY
ARCHITECT					
 AshtonSmith Beyond Design  Hydrock now  Stantec Unit 1 Ashleigh Way Langage Business Park Plymouth PL7 5JY t: +44(0)1752 332890					
CLIENT					
					
PROJECT					
VAN STORAGE FACILITY JAMES KEARNS AVENUE ROCHDALE					
TITLE					
WAREHOUSE VEHICLE EXHAUST EXTRACT SYSTEM LAYOUT					
HYDROCK PROJECT NO. 36903-BPLY			SCALE @ A1 1:500		
STATUS DESCRIPTION PLANNING					STATUS S4
DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) 36903-HYD-00-XX-DR-M-570100					REVISION P05