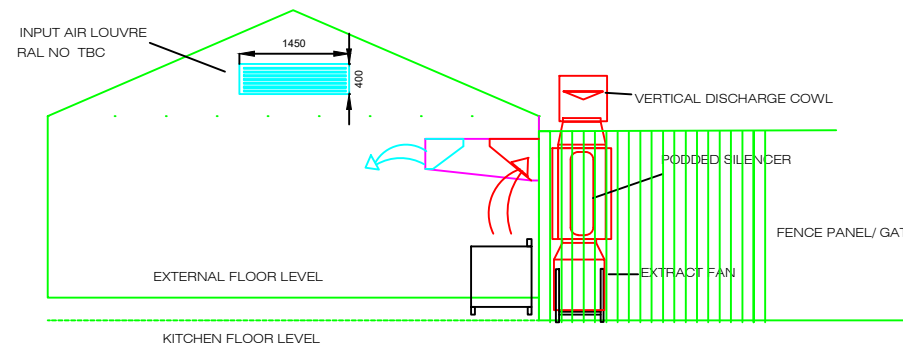
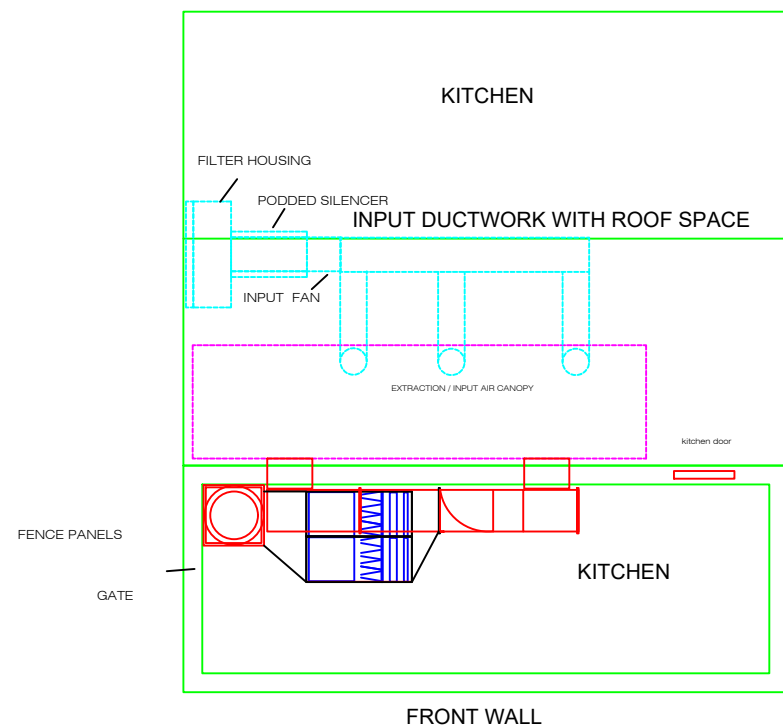


STORE YARD ELEVATION
FAN & DUCT OBSCURED BY WALL



SIDE ELEVATION



PLAN VIEW



SYSTEM REQUIREMENTS
 APPLIANCE CO-EFFICIENT 1.15 m³/s
 X CANOPY FACTOR 1.2= 1.38 m³/s

FAN SPECIFICATIONS

EXTRACT MAKE: HELIOS GBW 500/4 MAX DUTY 1.38m ³ /s @ 520 Pa pressure drop Single PH 9.6AMP FULL LOAD CURRENT SPL 65 dB(A) @ 1.5metres	INPUT AIR MAKE: S & P CBM 10/10 515w IN ACOUSTIC HOUSING VOLUME 1.1 m ³ /s @ 120 Pa pressure drop SINGLE PHASE 5.7AMP FULL LOAD CURRENT SPL 75dB(A) @ 3metres (FREE FIELD)
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63	125	250	500	1000	2000	4000	8000	63	125	250	500	1000	2000	4000	8000
58	54	61	58	57	56	50	42	40	51	59	66	70	70	67	60


SILENCER LOSSES (A) PER SILENCER

63	125	250	500	1000	2000	4000	8000
-7	-10	-12	-21	-25	-26	-24	-22

MEASURED SOUND LEVELS AT BOUNDARY 44dB
 DESIGN SOUND LEVELS AT BOUNDARY (@ 10 dB BELOW) 34dB

EXTRACTION ANTICIPATED SOUND LEVELS AT BOUNDARY 24dB
 INPUT AIR ANTICIPATED SOUND LEVELS AT BOUNDARY 26dB

1:100 @ A3

Rev	Date	Signed	Amendments	Approved
			sound levels	
			annotation & side elevation	
<i>PROPOSED VENTILATION SYSTEM</i>				
<i>GREASE/ODOUR REDUCTION</i>				
				
Unit 1 Triumph House Rigby Close Heathcote Ind Est Warwickshire CV34 6TL			TEL: 01926 887167 MOBILE: 07866 712557 e-mail ianpaish@btconnect.com	
drawing layout accepted by : date :				
Dwg. no. LIONW-OOC		NTS	Date 26/11/20	
		Drawn by	I. Paish	