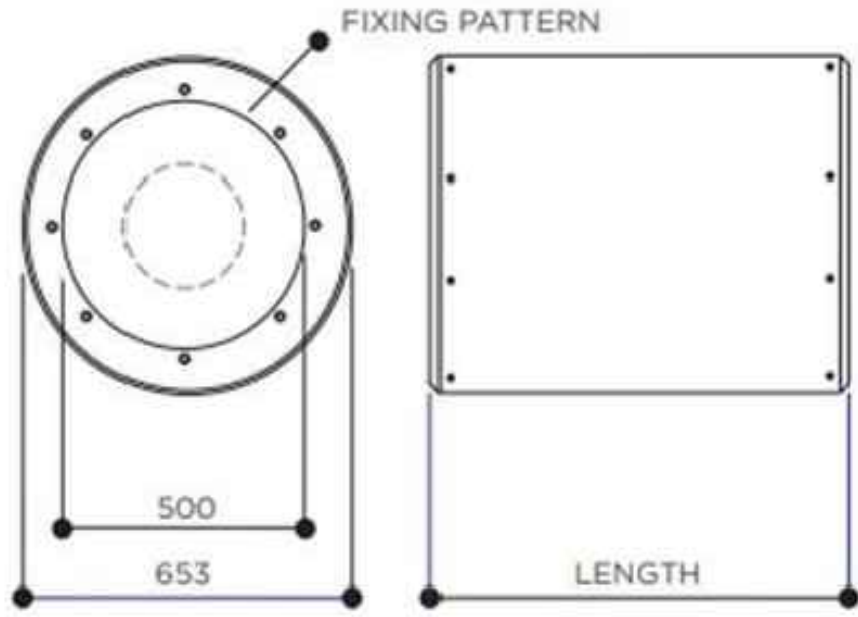


The silencer we selected is a 500mm x 2D Podded Silencer you need 2 one either side of fan motor the silencers will reduce the noise atmospheric noise level to 43 dB at 2.8m away.

The above silencer will generate a pressure loss of 38Pa at an air volume of 1.75m3/s.

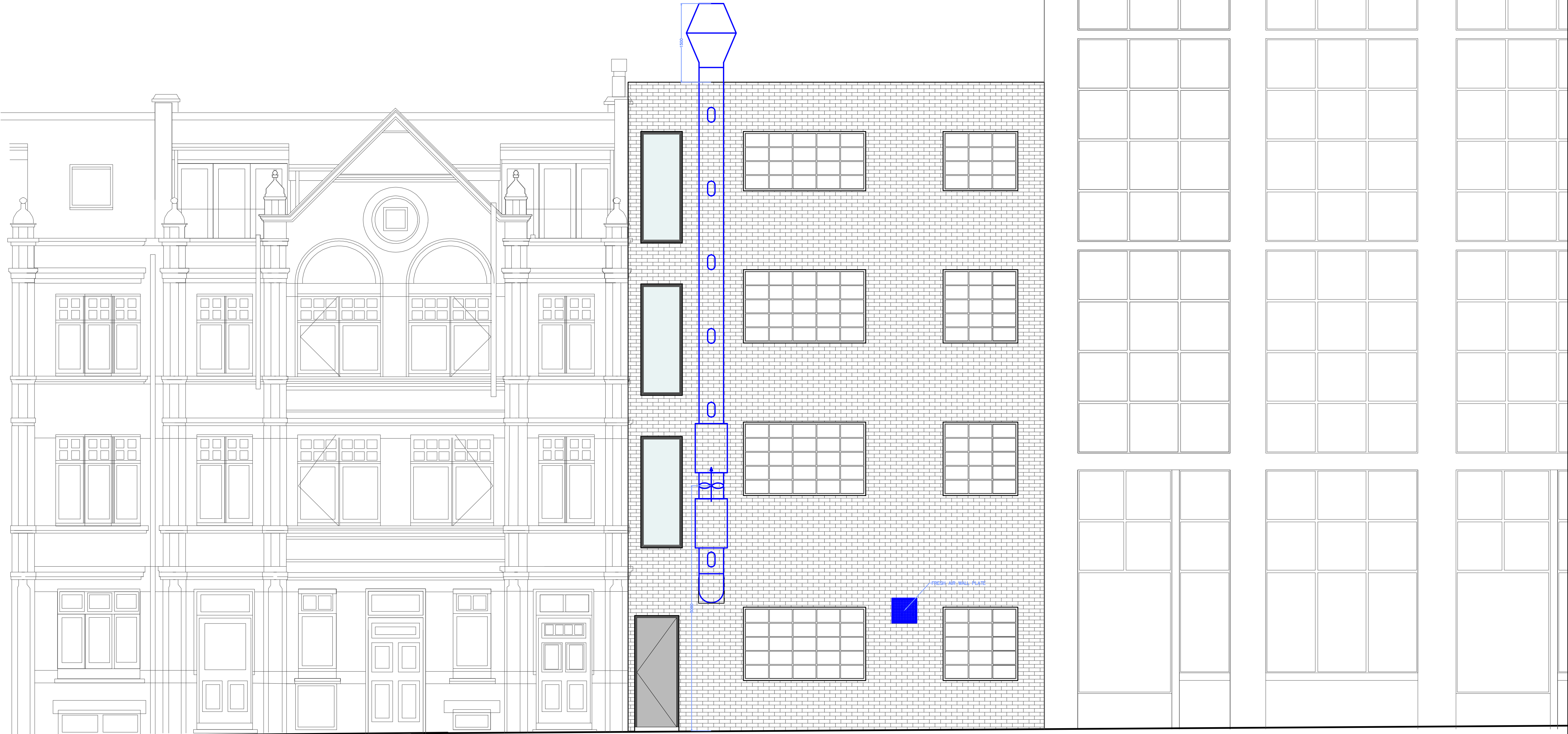
We have assumed the extract fan will be extracting 1.75m3/s for selection purposes.

The silencer offered will reduce the noise atmospheric noise level to 43 dB at 2.8m away.



DIMENSIONAL DATA			
CODE	LENGTH	FIXING PATTERN	MASS

Air Flow Vol. m³/s	Pressure Drop (Pa)	Weight	Melinex	Static Insertion Loss (dB) at Octave Band Centre Frequency							
				63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
1.750	38	37 kg	No	4	10	16	26	29	29	29	20



NOTES

1500
A
20

SERVICE HEIGHT FROM FLOOR LEVEL TO TOP OF SOCKET (mm)
SERVICE IDENTIFIER (SEE SERVICES LEDGER)
CORRESPONDING ITEM NUMBER (SEE ITEM LEDGER)

SERVICE SYMBOLS	
1500 A 20	ELECTRICAL SERVICE
	GAS SUPPLY
	HOT WATER
	COLD WATER
	WASTE

WALL COVERINGS	
	WHITEROCK
	STAINLESS STEEL CLAD

####	*	####
####	*	####
NO.	REVISION	DATE

service solutions for catering hospitality & leisure industries

Project Name and Address

GRINDSMITH'S
62 BRIDGE ST.
MANCHESTER
M3 3BW

Project GRINDSMITH'S	Revision
Date 18/12/2018	01
Scale 1:50@A1	