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79 CAMDEN ROAD

ATTENUATOR SCHEDULE

5366/AS

Description	Criteria	Minimum Insertion Loss (dB) at Octave Band Centre Frequency (Hz)							
		63	125	250	500	1k	2k	4k	8k
Boiler flues	To achieve 67dBA at 1m from outlet (including low frequency limits as detailed in Table 5366/T4)	-	-	-	-	-	-	-	-
CHP flue	To achieve 67dBA at 1m from outlet (including low frequency limits as detailed in Table 5366/T4)	-	-	-	-	-	-	-	-
Bin Store Extract Fans	Minimum insertion loss of attenuator	4	9	17	26	31	30	23	16
CHP Cooling Fan	Minimum insertion loss of attenuator (Elta 315-560 2D EP)	7	10	12	21	26	26	24	22
Generator Room ventilation ductwork	To achieve 61dBA at 1m from outlet	-	-	-	-	-	-	-	-

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LOUVRE SCHEDULE

5366/LS

Description	Dimensions (mm)			Minimum Insertion Loss (dB) at Octave Band Centre Frequency (Hz)							
	W	H	L	63	125	250	500	1k	2k	4k	8k
Energy Centre to lightwell	-	-	305	5	7	11	12	13	14	12	9

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79 CAMDEN ROAD

ANTI-VIBRATION MOUNT SCHEDULE

5366/AVM

Ref.	System Description	Location	Duty	Base	Isolator	Static Deflection (mm)
CHP	Ener-G gas fired CHP 70kWe	Energy Centre	-	-	CS/R	15
Boilers	Hoval Ultragas 850	Energy Centre	-	-	Pads	2
Generator	Generator	Generator Room	-	-	CS/R	25
Small pumps	Grundfos TPE 65-210/2 A-F-A-BAQE	Water Tank Room	-	CIB	NIS	8
Booster set	Grundfos Hydro MPC-E 3 CRIE10-6	Energy Centre	-	CIB	CS/R	25
Extract fans	Nuaire Aire-Volve Extract AVS2	Bin Stores	-	Hung from ceiling	TH	8
	Base Code and Description Rails : A V Rails SFB : Steel frame base CIB : Concrete inertia base Plinth : Concrete split plinth	**Isolator Code & Description** Pads : Neoprene Pads CS : Caged steel spring OS : Open steel spring NIS : Neoprene-in-shear		**Isolator Code & Description** SH : Spring Hangers TH : Hangers with neoprene turrets _/R : Restraining or positioning device		

Note 1 : All cased fans shall have the above specified isolators internally beneath fan/motor frame, and be additionally isolated externally with neoprene pads having 2 mm (min) deflection.

Note 2 : All pipework to be isolated between the plant and the first structural penetration using AV hangers/mounts with the above specified static deflection, and thereafter with brackets having neoprene inserts. Flexible connectors should be used between pumps and associated pipework.

Note 3 : CW booster pipework should ideally be isolated throughout using AV hangers/mounts with the above specified static deflection. We understand this is often not practically possible, in which case pipework fluid flows should be designed in line with CIBSE recommendations and pipework after the first structural penetration should be supported by brackets having neoprene inserts.

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