

Models GB..
Arbitrary installation position and flexible assembly by five possible discharge directions.



■ Specification of both types

□ Casing

Self-supporting frame construction from aluminium hollow profiles. Double-walled side panels from galvanised sheet steel, lined with 20 mm thick temperature insulating and flame-retardant mineral wool. Intake cone for ideal inflow as well as spigot and flexible sleeve (for the respective max. permissible air flow temperature) for duct connection. With discharge adapter (from square to circular) on the pressure side for low-loss discharge and flexible sleeve to reduce vibration transmission. Simple positioning by standard crane hooks.

□ Impeller

Smooth running backward curved aluminium centrifugal impeller highly efficient and direct driven. Energy efficient with a low noise development. Dynamically balanced together with the motor to DIN ISO 1940 Pt.1 – class 6.3.

□ Motor

Maintenance-free external rotor motor or IEC-standard motor protected to IP 44 or 54. With ball bearings and radio suppressed as standard.

□ Electrical connection

Standard terminal box (IP 54) fitted on the motor; with GB.. T120 fitted on the motor support plate.

Type	Ref. No.	Air flow volume (FID)	R.P.M.	Sound press. level case breakout	Motor power (nominal)	full load	Current speed controlled	Wiring diagram	Maximum air flow temperature full load	Nominal weight (net)
		V m³/h	min⁻¹	dB(A) at 4 m	kW	A	A	Nr.	+°C	kg
1 Phase motor, 230 V / 1 ph. / 50 Hz, capacitor motor, protection to IP 54										
GBW 500/5	5519	5760	880	35	0.52	2.30	2.60	864	45	47
GBW 500/4	5517	8400	1350	45	1.38	6.40	8.20	865	65	61
2 speed motor, 3 Phase motor, 400 V / 3 ph. / 50 Hz, Y/Δ-wiring, protection to IP 54										
GBD 500/4/4	5518	8000/8850	1075/1340	45	0.97/1.45	1.60/2.80	2.90	867	50	57

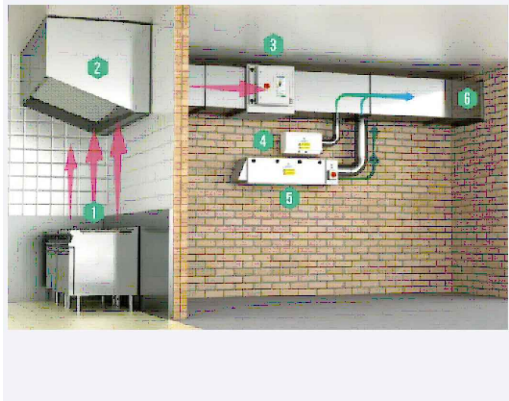
Rectangular Sound Attenuators with Baffles



Rectangular splitter silencer (sound attenuators with silencing baffles) consists of a casing and sound-insulating baffles (splitters). The casing is made of Z275 galvanised sheet steel as a standard, a rectangular duct connection is a frame made of flange profiles (see PQ flange profiles) and corner pieces (see NQ corners).

The sound attenuators' baffles consist of a frame made of galvanised sheet steel and a sound-absorbing infill. The sound-insulating infill is a combination of non-flammable mineral wool panels; its outer surface is covered with a special abrasion-resistant fabric which protects the mineral wool.

Attenuating baffles are used in sound attenuators, but can also be supplied individually. In order to minimize transport cost, instead of ordering ready-to-install rectangular sound attenuators, we offer baffles for on-site installation in rectangular ducting. The attenuating baffles are mainly used with larger diameters and high frequencies.



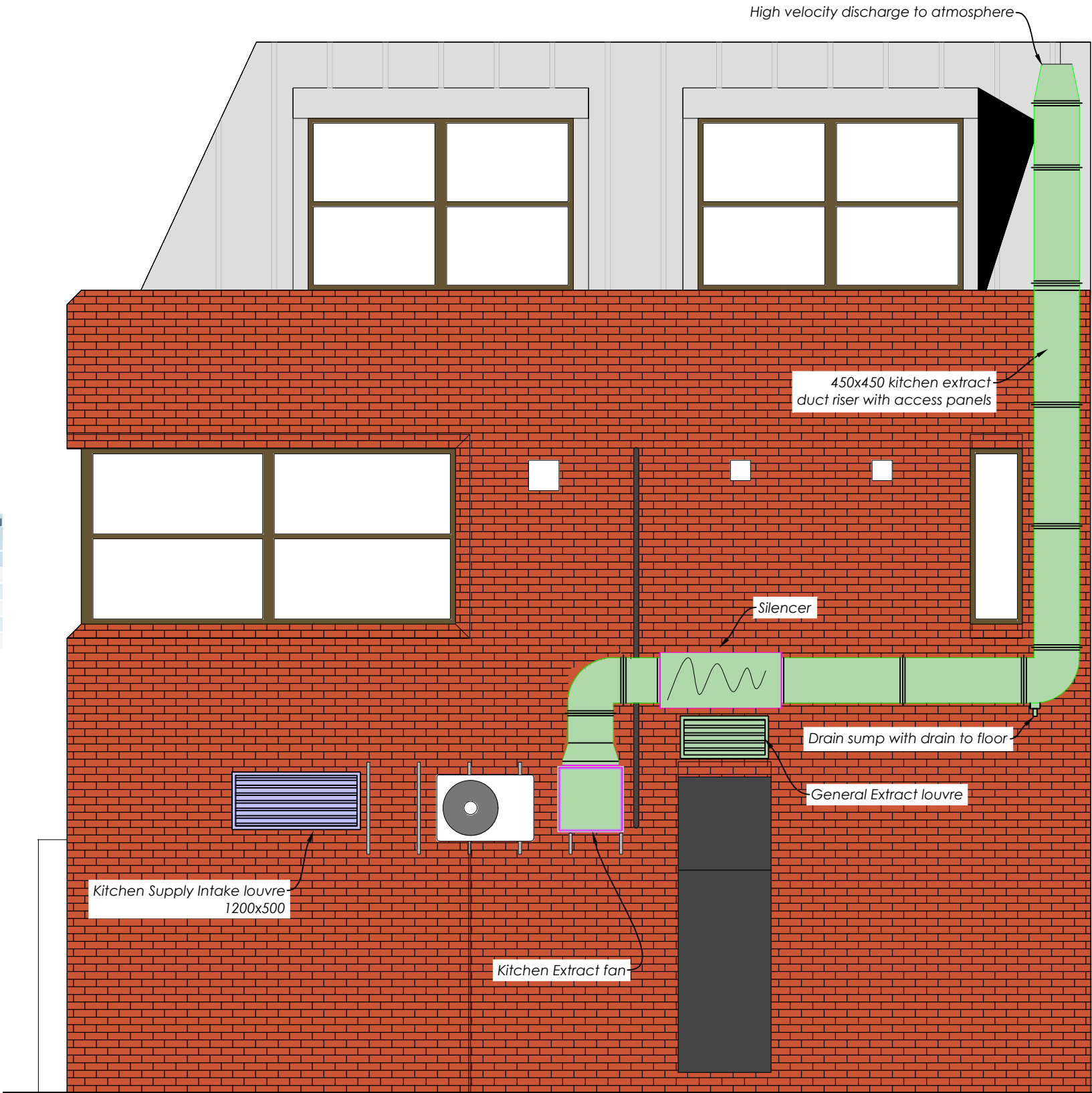
When installed correctly our UV-O systems can reduce cooking odours by up to 90%. For optimum performance we would recommend between 2 & 6 seconds of dwell time.

- 01 Cooking particulates and odours
- 02 Canopy Grease Filter
- 03 ESP - Particulate Control Unit
- 04 UV-500
- 05 UV-O 1000

UV-O 500	
Max Air Volume	up to 1.5m³/sec
Dimensions	W605mm H630mm D200mm
Weight	10.5KG (Approx)
Power	120W

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System complies with noise guidance as set out in BS8233 & BS4142



A	Duct rerouted. Plant details added	21/10/22
REV.	DETAIL	DATE

PROJECT
JOSIE'S

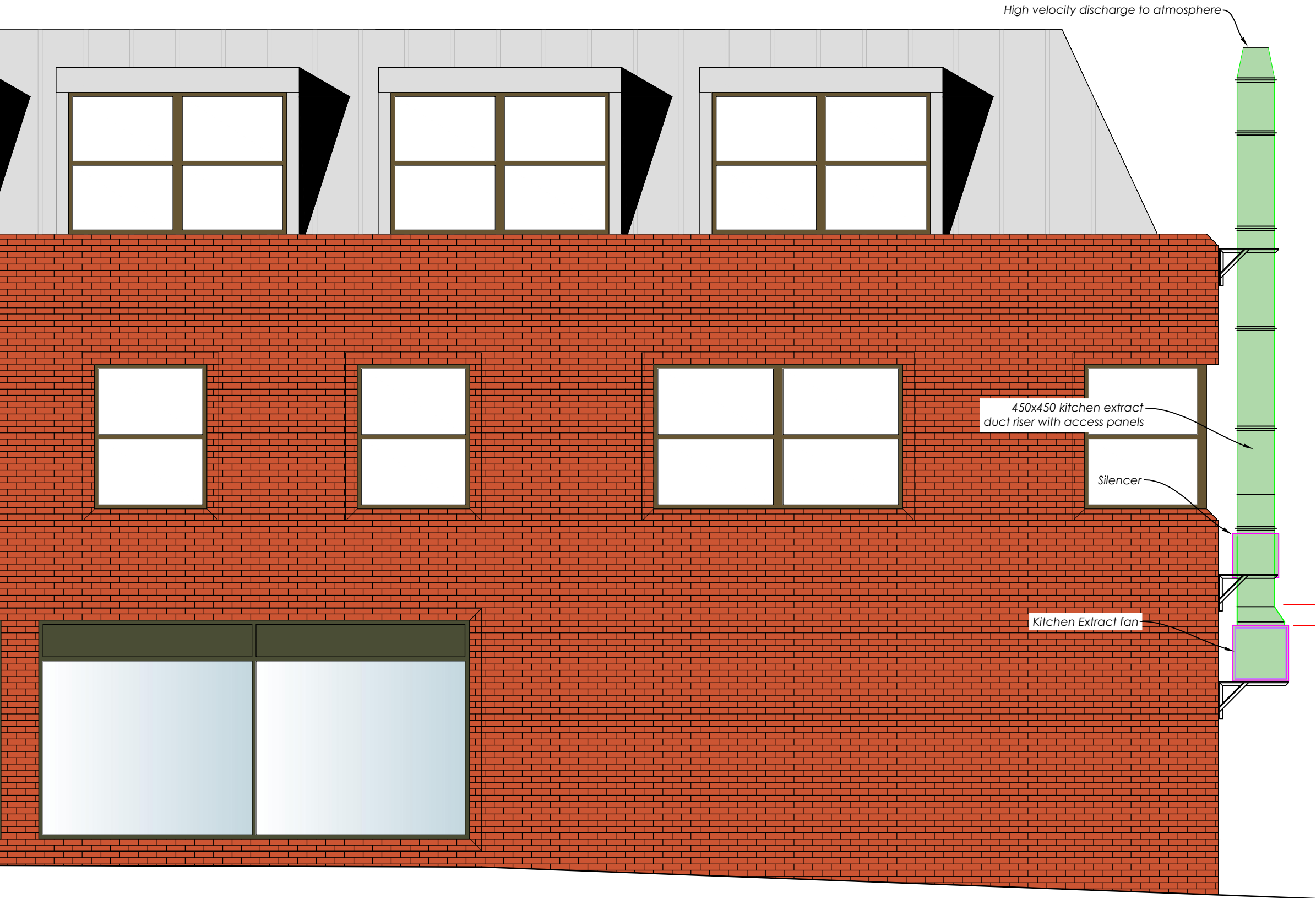
DETAIL
PROPOSED NORTH WEST ELEVATION

Commercial Catering Contracts Ltd.
UNIT 10, WATERSIDE HOUSE
HOVE ENTERPRISE CENTRE
PORTSLADE
BN41 1UY
Tel: 01273 885 655
Fax: 01273 382 922
www.commercialcatering.co.uk
sales@commercialcatering.co.uk

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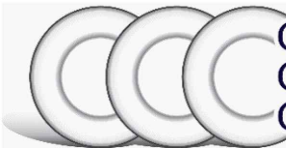
A	Duct rerouted	21/10/22
REV.	DETAIL	DATE

PROJECT

JOSIE'S

DETAIL

PROPOSED
NORTH EAST
ELEVATION

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Catering
Contracts Ltd.

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noise guidance as set
out in BS8233 & BS4142



A	Location of louvre revised	21/10/22
REV.	DETAIL	DATE

PROJECT

JOSIE'S

DETAIL

PROPOSED
SOUTH EAST
ELEVATION



UNIT 10, WATERSIDE HOUSE
HOVE ENTERPRISE CENTRE
PORTSLADE
BN41 1UY

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Fax: 01273 382 922
www.commercialcatering.co.uk
sales@commercialcatering.co.uk

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