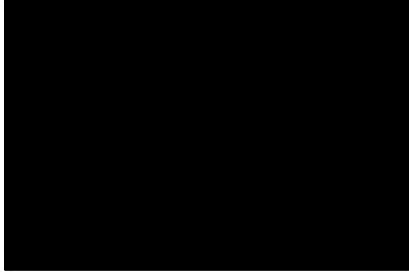


Sound Licensing Ltd.



**NOISE MITIGATION REPORT**

**TRILOGY BAR & RESTAURANT, 6-8 WHITCHURCH PARADE, EDGWARE HA8 6LR**

**FOR**

**COMPLIANCE DIRECT**



ISSUE STATUS: FINAL  
DATE OF ISSUE: 07/05/2019  
REVISION NO: 01  
AUTHOR: M LAUEZZARI, MIOA MIOL  
CHECKED BY: D ROONEY DIP AC  
APPROVED: M LAUEZZARI, MIOA MIOL

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The preparation of this report by Sound Licensing Ltd. has been undertaken within the terms of the proposal using all reasonable skill and care. Sound Licensing Ltd accepts no responsibility for the data provided by other bodies and no legal liability arising from the use by other persons of data or opinions contained in this report.

## **1 Introduction**

In response to a request by the Licensee, Sound Licensing has been instructed to provide Acoustic Consultancy services in respect to Trilogy Bar & Restaurant, 6-8 Whitchurch Parade, Edgware HA8 6LR, in relation to ongoing noise complaints.

The premises have been visually inspected and the current activities have been reviewed.

The premises are certainly capable, with the recommended mitigation measures, of playing regulated entertainment without causing a disturbance to neighbouring properties.

## **2 Consultants Experience**

I confirm that I am the Principal Acoustic Consultant of Sound Licensing Limited, a company whose services include specialising in the fields of noise, acoustics and licensing. I have over 20 years of experience in the field of noise and acoustics having worked as a Principal or Lead Environmental Protection Officer in various London Boroughs from 1998 until 2017. I am a corporate member of the Institute of Acoustics (IoA) and a corporate member of the Institute of Licensing (IoL). I have a wide range of experience in all technical aspects related to acoustics, noise, planning and licensing. I have dealt with a large number of residential noise issues & managed numerous major projects as well as presenting evidence at licensing and planning committees and appeals.

I currently hold the IOA diploma in Acoustics & Noise control, the certificate of competence in environmental noise measurement and the BIIAB Level 2 National Certificate for Licensing Practitioners.

### 3 Site Location and Surrounding Land Use

The venue is situated at 6-8 Whitchurch Parade, Edgware HA8 6LR and occupies the whole premises, it is located in an exclusively commercial parade. To the left & right of the premises are A3/5 commercial operations. There are no residential properties directly attached to the venue. Whitchurch Lane is a busy two-lane road. There are high levels of traffic until the early hours of the morning.

Figure 3.1 below shows the site indicated in **red** and its surroundings. The nearest residential properties are indicated in **green**.

**Figure 3.1 Site Location and Surrounding Land Use**



### 4 Current Operations

The premises currently operate as a traditional restaurant during the day & evening with recorded and live music during the evening and night-time. There are no plans to change these modes of operation.

## 5 Licensed / Operational Hours

The current licensing hours for recorded & live music are:

Monday – Thursday	12:00 – 23:30 hours
Friday	12:00 – 00:00 hours
Saturday & Sunday	12:00 – 02:45 hours

## 6 Layout and Construction of the Premises

The building is single storey and of traditional brick construction; the A3/4 premises currently occupies the ground floor with an additional small function area in a converted part of the roof space. The building is part of an exclusively commercial parade.

The main area has seating around a small central area and a bar, a separate kitchen is to the rear of the building.

## 7 Existing Sound Insulation

A visual inspection (non-invasive) was carried out on the 25<sup>th</sup> April 2019 and the property was found to be of traditional construction with brick-built walls and plasterboard ceilings. The property is in good repair in relation to the existing sound insulation.

### Walls

The exact make-up of the sound insulation could not be ascertained due to the non-invasive nature of the inspection but predicted sound reduction figures for the separating walls are shown below (based on industry standard construction):

#### Sound Insulation Performance of Separating Walls

	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	$R_w$	$D_{nT,w}$
480kg/m <sup>2</sup> solid brick wall	41	45	45	54	54	58	54	49

The brick-built party walls are estimated to provide approximately **54dB  $R_w$** .

### **Doors and Emergency Exits**

There is only one designated entrance and exit on the front facade which consists of a small acoustic lobby which leads directly onto the street, in addition there are two emergency exits on the rear facade. The outer front entrance doors are of wooden construction with glazed panels, the inner lobby doors are of plate glass construction. The doors are in good condition, however there are visible gaps and no door seals have been fitted. Door closers are currently fitted to both outer entrance doors.

### **Windows**

All windows on the front façade are fixed standard double-glazed units, all of the windows were in good condition and well fitted.

### **Ventilation**

Ventilation is currently provided by two mechanical air conditioning units.

### **Sound System**

An audio system has been installed which can be controlled behind the main bar (AV Surround Sound Receiver). There are 4 med/large wall mounted speakers, located in the corners of the main area, which are mounted directly to the wall directly under the existing ceiling.

### **Observations**

The following potential noise breakout routes were noted:

- Potential for noise breakout through the front/lobby doors when they opened.
- Potential for noise breakout through the rear emergency doors.
- Potential for noise breakout through the double-glazed windows on the front facade.

### **External Area**

There is a small external area to the rear of the premises which is not currently used. Customers who wish to smoke are directed to the front of the premises.

### **Sound Limiter**

A sound limiter (SL2000 type) has been previously installed. The unit appears functional but has not been tested.

## **8 Discussion**

### **Existing Sound Insulation**

A non-invasive visual inspection was carried out to determine the existing sound insulation/noise mitigation measures. The construction of the existing front façade should be sufficient to contain operational noise from the restaurant and regulated entertainment at a level above background, however the construction of the existing lobby may lead to noise breakout.

### **Operational Procedures**

It is essential that all the staff are made aware of the noise implications to the business and the consequences of noise complaints. A briefing is recommended to inform staff, with notices to remind staff placed behind the bar and kitchen areas. Doors should be kept closed as much as possible as this forms a clear route for the music noise to break out; customers must be persuaded not to linger around near the doors and come in and out as quickly as possible. SIA door staff should be utilised to control access & egress through the front entrance lobby.

### **Outside Area – Smokers**

Smokers currently utilise the area directly in front of the premises under the supervision of the SIA door staff. It is recommended that consideration be given to utilising a designated roped off area with a maximum number of 10 smokers in the area at any one time.

## **9 Conclusion**

The Local Authority, Harrow Council has recently received noise complaints regarding music emanating from the Trilogy, 6-8 Whitchurch Parade, Edgware HA8 6LR. The Licensee has instructed Sound Licensing to investigate the existing sound insulation and noise mitigation measures.

The existing sound insulation and noise mitigation measures have been visually assessed and the current and proposed operations have been reviewed.

The existing sound insulation will require improvement to ensure that adjacent residents are not adversely affected by normal operational noise levels. This report provides a full list of recommendations (see section below) which should be implemented as soon as possible. It is recommended that music levels are reduced until the recommended works are completed.

In conclusion the existing sound insulation & noise mitigation measures, with the recommended improvements carried out, including the installation of a new sound limiter(s) should be sufficient to contain any current and proposed music/noise.

## 10 Recommendations

It is recommended that the following works are carried out to improve the existing sound insulation. It is also recommended that a phased approach is adopted with the noise levels within the residential units being re-evaluated upon completion of each phase.

### Phase 1

- The existing front entrance doors should be moved forward as far as possible to increase the size of the lobby area.
- All front entrance/lobby doors to be adjusted to ensure a good fit and acoustic seals installed to ensure there are no visible gaps.
- Door closers to be fitted to all entrance/lobby doors.
- All speakers to be relocated to directly above the dance area and positioned directly towards the floor and away from the front entrance.
- Acoustic seals and door closers to be installed to all emergency exit doors.

### Sound Limiter

It is recommended that the existing sound limiter be replaced with a suitable in-line sound limiter (Formula Sound AVC2) and all amplified music should be played through the limiter:

It is recommended that any limiter is not set until all of the recommended phase 1 works are complete. The limiter should be installed in a secure location accessible only by management. The limiter should be set and certificated by a competent person.

### Phase 2

- In addition to the existing double-glazed units on the front façade, secondary glazing should be installed (6mm glass with a 50mm cavity will achieve an additional 10-14dB  $R_w$ ).



## Ash Waghela

---

**From:** Alan Riley  
**Sent:** 18 June 2019 11:10  
**To:** license  
**Cc:** Ash Waghela; Stephen Hill [REDACTED]  
'trilogyrestaurant' [REDACTED]  
**Subject:** Hearing for trilogy review application additional information.

Dear sir,

With regard to my review application for Trilogy. Please see statement below additional information to support the review.

On Tuesday the 30 of April I hand delivered letters to property's around the vicinity of Trilogy (copy of letter attached). Whilst doing this I spoke to the owner of the newsagents. She said that her tenants that lived in the flat above the shop stated that they were affected by the noise and disturbed on a regular basis. I advised her that there was a review pending and advised of their details of this and . but they were too worried about reprisals. They have signed the petition that was started by Mr Holley.

On Sunday the 12<sup>th</sup> of May 2019 visited the premises to check on the level of noise. 02:14 parked outside graham lodge in Montgomery road music was audible with the window down. Then at 02:20 sat at bus stop opposite 10 people outside smoking music clearly audible from the bus stop. 02:24 Jadish the manager came out side for a smoke so would have witnessed the level of the noise noticed one of the 13 people in smoking area was Mr Amlani.02:25 noise levels were reduced we were approached by Mr Almani's brother and a door supervisor. Ash and Kalpesh exchanged pleasantries in English and Gujarati. 02:33 loud shouting by D.J as he carried out a sound check shouting "shut the fucking door you idiot " a few times at the top of his voice. 02:40 noise at acceptable level. however a gentle man did come outside with a glass and did drink outside whilst smoking as he re-entered he slammed the door open causing a loud bang he was drunk. 02:45 3 drunk ladies were singing loudly to the front of the property (no door staff were evident at this time.0255 no noise 03;00 people heard leaving the premises from Montgomery road before we left the area.

On Thursday the 16<sup>th</sup> of May 2019. A meeting at the restaurant in attendance was myself jo smith,Shankar Mr Amlani and Bharvin a glazer. At this meeting it was discussed that remedial works would be undertaken in the form of secondary glazing and the relocation of the front doors this was agreed to be started by the end of the week ending 25<sup>th</sup> may. It was also discussed that external sound equipment would not be used on site and a sound system would be installed that was governed by a limiter. To be set at a level as to not cause a nuisance.

On Friday the 14<sup>th</sup> of June a site meeting to set the sound limiter this could not be carried out as the proposed sound system for regular use was not yet installed. This meeting was re arranged for Monday the 17<sup>th</sup> June at 15:30.as this has been done as late as possible this could not be monitored for assessment of impact on the surrounding property's.

On Monday the 17<sup>th</sup> June a visit was arranged to test and set the sound equipment. This was carried out with myself Mikia Angus and Ozge Albayrak and the clients sound engineer ,Mr Amlani and his D.J. The equipment lined up for testing was not the D.J mixing equipment, just the feed from the television and sky box.as this is not the equipment that would be used. I requested that the correct mixing deck was used to give a correct example of the levels of noise. this was eventually brought in. and tested the limiter was set at 86db. With a view to reassess should the noise nuisance continue. It was my understanding that this would have been done with time to monitor before the hearing unfortunately this was not the case.

Alan Riley  
Environmental Health Technician,  
Environment & Enterprise,  
[REDACTED]

Prime Glaze Ltd



PrimeGlaze

LOCAL RESTAURANT LTD  
T/A TRILOGY BAR & RESTAURANT  
6-8 WHITCHURCH PARADE  
WHITCHURCH LANE  
EDGWARE  
HA8 6LR

INVOICE

Page 1

Invoice No	
Invoice Date	16/05/2019
Order No	
Account Ref	COUNTER

Quantity	Description	Unit Price	Net Amt	VAT %	VAT
1.00	SUPPLY AND INSTALL OF DOUBLE GLAZED WINDOWS AND DOORS	2,650.00	2,650.00	20.00	530.00
1.00	PAYMENT AS 50% DEPOSIT	0.00	0.00	20.00	0.00

Bank Details

A/C Name : Prime Glaze Ltd  
A/C Number [REDACTED]  
Sort Code [REDACTED]

Total Net Amount	£	2,650.00
Carriage Net	£	0.00
Total Tax Amount	£	530.00
Invoice Total	£	3,180.00

Prime Glaze Ltd



LOCAL RESTAURANT LTD  
T/A TRILOGY BAR & RESTAURANT  
6-8 WHITCHURCH PARADE  
WHITCHURCH LANE  
EDGWARE  
HA8 6LR

**INVOICE**

Page 1

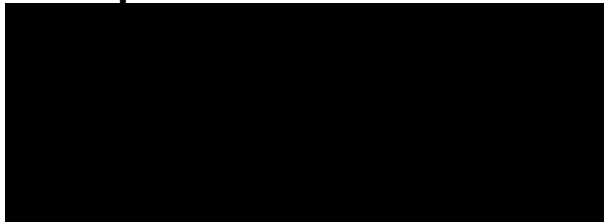
<b>Invoice No</b>	[REDACTED]
<b>Invoice Date</b>	31/05/2019
<b>Order No</b>	
<b>Account Ref</b>	COUNTER

Quantity	Description	Unit Price	Net Amt	VAT %	VAT
1.00	SUPPLY AND INSTALL OF DOUBLE GLAZED WINDOWS AND DOORS	2,950.00	2,950.00	20.00	590.00
1.00	FINAL PAYMENT	0.00	0.00	20.00	0.00

**Bank Details**

A/C Name : Prime Glaze Ltd  
A/C Number [REDACTED]  
Sort Code : [REDACTED]

<b>Total Net Amount</b>	£	2,950.00
<b>Carriage Net</b>	£	0.00
<b>Total Tax Amount</b>	£	590.00
<b>Invoice Total</b>	£	3,540.00



**Invoice To**  
Nilesh Amlani  
LOcal Restaurant Ltd  
1 Rees Drive,  
Stanmore  
HA7 4YN

**Deliver To**  
Nilesh Amlani  
LOcal Restaurant Ltd  
1 Rees Drive,  
Stanmore  
HA7 4YN

**Customer** LOcal Restaurant Ltd (Trilogy)

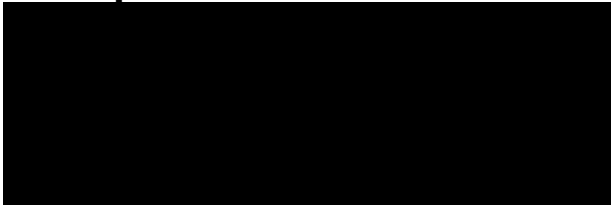
**Invoice Number** [REDACTED]      **Invoice Date** 27/04/2019      **Due Date** 04/05/2019

Description	Amount
Meeting to discuss Review. Organise Noise Consultant to visit and survey premises	1,500.00

**Notes**  
Further to the initial survey, there may be additional costs, if a night time survey to be carried out.

**Total** £1,500.00

**Terms and Conditions**  
Internet Banking:  
[REDACTED]



**Invoice To**  
Nilesh Amlani  
LOcal Restaurant Ltd  
1 Rees Drive,  
Stanmore  
HA7 4YN

**Deliver To**  
Nilesh Amlani  
LOcal Restaurant Ltd  
1 Rees Drive,  
Stanmore  
HA7 4YN

**Customer** LOcal Restaurant Ltd  
(Trilogy)

**Reference** final

<b>Invoice Number</b>	[Redacted]	<b>Invoice Date</b>	23/05/2019	<b>Due Date</b>	02/06/2019
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Description	Amount
Further to the de-instructions of the works, this is the final invoice for the works so far completed. Advice on EPA notices and review application. Set out options and advice on different outcomes and possible mitigation. Arrange meeting with Council offices, attend meeting to agree a way forward set up noise assessment inspections and agree reports Correspondence to Licensing Authority to rearrange hearing	450.00
Late night visit by Sound Consultatnt	300.00

**Terms and Conditions**  
Internet Banking:  
[Redacted]

**Total** £750.00



## CERTIFICATE FOR SOUND LIMITER

This is a certificate of compliance for the sound controlling equipment installed at Trilogy Bar & Restaurant, 6-8 Whitchurch Parade, Edgeware HA8 6LR.

Type of Sound Limiter: Formula Sound AVC2 (Serial: 019064)  
Location of Device: Ground floor bar in a locked cabinet above the stairs.  
Description of Music System: 1 x CDJ  
1 x Small mixer  
2 x QSC Audio DCA 1622 Amplifiers  
1 x Cloud CX263  
2 x JBL Large Speakers (wall mounted)  
4 x Bose Medium Speakers (wall mounted)

On the 17th June 2019 the limiter was set and measurements were carried out in the centre of the floor facing the main entrance.

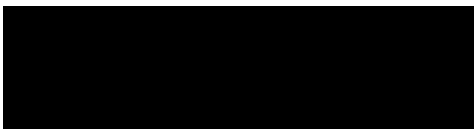
The music level was checked by Mr Alan Riley, Environmental Health Technician, Harrow Council and it was agreed that the level was acceptable.

The limiter was then locked, sealed (placed over adjustment control) and the following levels were recorded in the centre of the bar:

Location	L <sub>Aeq,1min</sub> *	L <sub>eq,1min - 63Hz</sub> *	L <sub>eq,1min - 125Hz</sub> *	Time
Centre of Bar	87.3 dB	82.1 dB	76.9 dB	16:45

\*Parameters agreed by Mr Riley at time of site visit.

All measurements were carried out using a Larson Davis LXT (type 1 – s/n:0004720) sound level meter. The calibration of the measuring equipment was checked prior to and immediately following the tests and no signal variation occurred. Calibration of equipment is traceable to national standards and was last carried out in April 2018.

  
Matthew Lauezzari MIOA, MIOL  
Principal Consultant

17th June 2019

SOUND LICENSING LIMITED  




# BT Sport LIVE HERE

**POLITE NOTICE**  
**AS PER OUR LICENSING**  
**CONDITION AND TO RESPECT**  
**OUR NEIGHBOURS, 6 PEOPLE**  
**MAXIMUM ARE ALLOWED TO**  
**SMOKE AT ANY ONE TIME.**

---



POLITE NOTICE  
**PLEASE LEAVE  
THE PREMISES  
QUIETLY  
TO AVOID  
DISTURBING  
THE LOCAL  
RESIDENTS  
THANK YOU**



NOTICE



- NO HOODIES
- NO CAPS
- SMART DRESS

THANK YOU



NOTICE



NO SMOKING AT REAR  
DESIGNATED SMOKING AREA IS LOCATED  
AT THE FRONT OF THE VENUE

THANK YOU



**PRESS  
BUZZER TO  
ENTER**







PLEASE NOTICE  
PLEASE LEAVE  
THE PREMISES  
SOCIETY  
TO AVOID  
DISTURBING  
THE LOCAL  
RESIDENTS  
THANK YOU

PULL

PLEASE NOTICE  
PLEASE LEAVE  
THE PREMISES  
SOCIETY  
TO AVOID  
DISTURBING  
THE LOCAL  
RESIDENTS  
THANK YOU

PLEASE NOTICE  
PLEASE LEAVE  
THE PREMISES  
SOCIETY  
TO AVOID  
DISTURBING  
THE LOCAL  
RESIDENTS  
THANK YOU

PLEASE NOTICE  
PLEASE LEAVE  
THE PREMISES  
SOCIETY  
TO AVOID  
DISTURBING  
THE LOCAL  
RESIDENTS  
THANK YOU





PLEASE NOTICE  
PLEASE LEAVE  
THE PREMISES  
SECURELY  
TO AVOID  
DISTURBING  
THE LOCAL  
RESIDENTS  
THANK YOU

NOTICE  
NOTICE

NOTICE

NOTICE

PULL

POLITE NOTICE  
PLEASE LEAVE  
THE PREMISES  
QUIETLY  
TO AVOID  
DISTURBING  
THE LOCAL  
RESIDENTS  
THANK YOU



NOTICE



- NO HOODIES
- NO CAPS
- SMART DRESS

THANK YOU



NOTICE



NO SMOKING AT REAR  
DESIGNATED SMOKING AREA IS LOCATED  
AT THE FRONT OF THE VENUE

THANK YOU



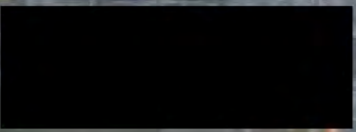
TRILOGY

**PRESS**  
**BUZZER TO**  
**ENTER**



# SPORTS Watch Live Here

HOLYS BROTHERS  
AS PER OUR LICENSING  
CONDITIONS AND TO RESPECT  
OUR NEIGHBOURS, & PEOPLE  
NEARBY, WE ALLOWED TO  
SERVE AT ANY ONE TIME.



HOLYS BROTHERS  
AS PER OUR LICENSING  
CONDITIONS AND TO RESPECT  
OUR NEIGHBOURS, & PEOPLE  
NEARBY, WE ALLOWED TO  
SERVE AT ANY ONE TIME.

HOLYS BROTHERS  
AS PER OUR LICENSING  
CONDITIONS AND TO RESPECT  
OUR NEIGHBOURS, & PEOPLE  
NEARBY, WE ALLOWED TO  
SERVE AT ANY ONE TIME.

trilogyrestaurant.co.uk

trilogyrestaurant@



**WALTON**

**POLITE NOTICE**

**AS PER OUR LICENSING  
CONDITION AND TO RESPECT  
OUR NEIGHBOURS, 8 PEOPLE  
MAXIMUM ARE ALLOWED TO  
SMOKE AT ANY ONE TIME.**





# Sport Watch Live Here

**POLITE NOTICE**  
WE ARE OPEN LICENSING  
CONVENTION AND TO RESPECT  
OUR NEIGHBOURS. & PEOPLE  
MAXIMUM ARE ALLOWED TO  
SMOKE AT ANY ONE TIME.

**POLITE NOTICE**  
WE ARE OPEN LICENSING  
CONVENTION AND TO RESPECT  
OUR NEIGHBOURS. & PEOPLE  
MAXIMUM ARE ALLOWED TO  
SMOKE AT ANY ONE TIME.

**POLITE NOTICE**  
WE ARE OPEN LICENSING  
CONVENTION AND TO RESPECT  
OUR NEIGHBOURS. & PEOPLE  
MAXIMUM ARE ALLOWED TO  
SMOKE AT ANY ONE TIME.

restaurant@gmail.com

www.trilogyrestau





**POLITE NOTICE**  
PLEASE LEAVE  
THE PREMISES  
QUIETLY  
TO AVOID  
DISTURBING  
THE LOCAL  
RESIDENTS  
THANK YOU

**NOTICE**  
NO ALCOHOL  
NO CANNES  
NO GETTING  
DRUNK  
THANK YOU

**NOTICE**  
NO SMOKING OR DRUGS  
NO GETTING DRUNK  
NO GETTING INTO  
THE PREMISES  
THANK YOU

**PRESS  
BUZZER TO  
ENTER**



**PULL**



**POLITE NOTICE**  
**PLEASE LEAVE**  
**THE PREMISES**  
**QUIETLY**  
**TO AVOID**  
**DISTURBING**  
**THE LOCAL**  
**RESIDENTS**  
**THANK YOU**

**50** **TRUCKS** **NOTICE** **50** **TRUCKS**  
NO HOODIES  
NO CAPS  
SMART DRESS  
THANK YOU

**50** **TRUCKS** **NOTICE** **50** **TRUCKS**  
NO SMOKING AT REAR  
DESIGNATED SMOKING AREA IS LOCATED  
AT THE FRONT OF THE VENUE  
THANK YOU

**50** **TRUCKS**  
**PRESS**  
**BUZZER TO**  
**ENTER**



**50** **TRUCKS**  
BE THE ONE LEAVING  
LAST AND TO GET  
THE MOST OF THE  
MUSIC AND THE  
PARTY. DON'T  
FORGET TO  
BRING YOUR  
CASH TO THE  
BAR.





  
**NO SMOKING**  
It is against the law to smoke in these premises.

  
**NO SMOKING**  
It is against the law to smoke in these premises.

