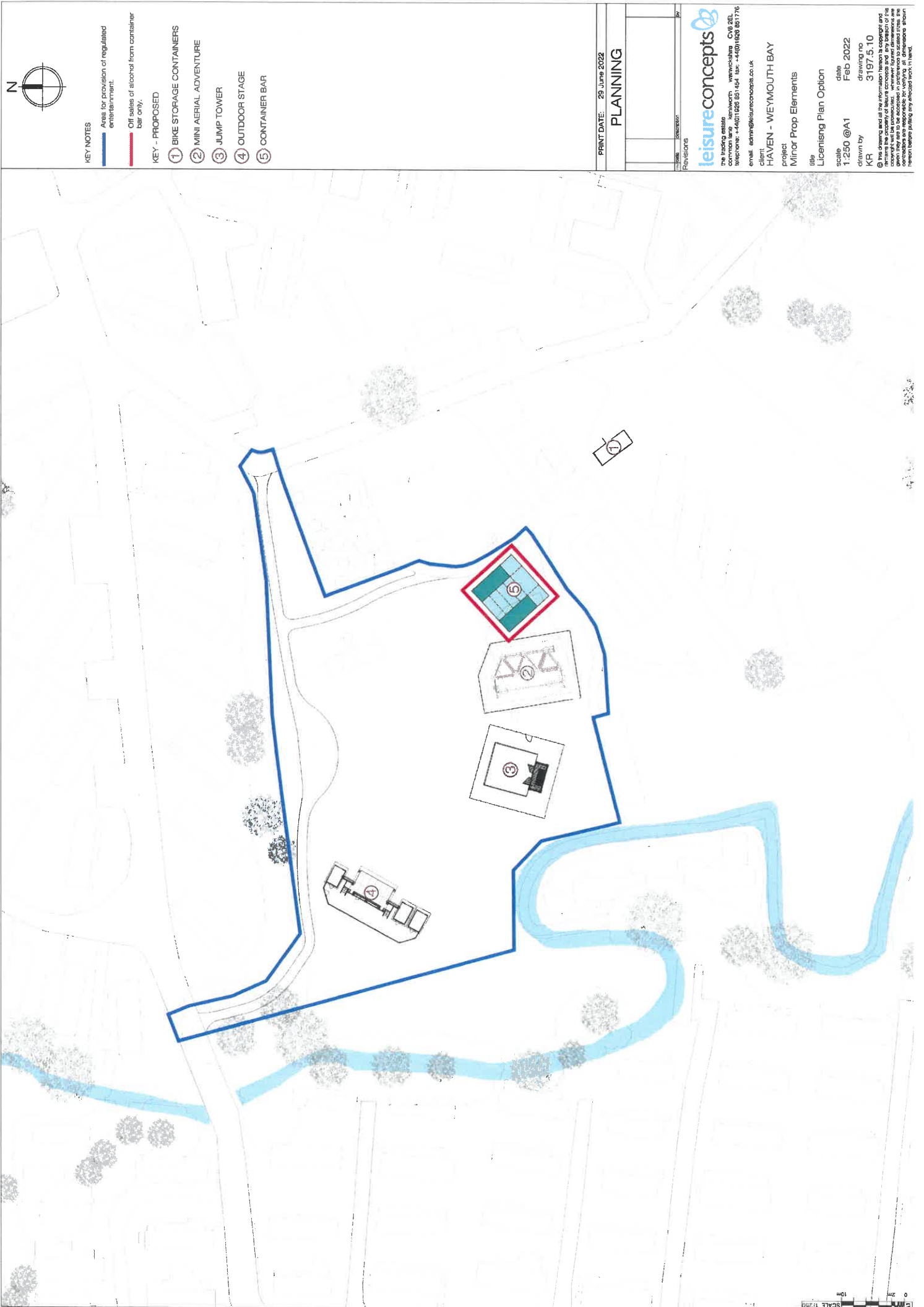


Weymouth Bay Holiday Park, Preston Road, Weymouth, DT3 6BQ

New Premises Licence application

INDEX TO DISCLOSURE

No	Document
1	Revised licensing plan
2	Noise Assessment Report
3	Visuals of a similar stage area at Caister Holiday Park
4	Mock up plan drawing showing the area where the activities are to go, together with a mock-up of what it would look like should the activities be there
5	Plan of the outdoor stage and screen
6	Visuals of the container bar
7	Google Map view of the route from Seaview to Weymouth Bay Caravan Park
8	Letter from Katie Watson to local residents sent on 31st May 2022



KEY NOTES

- Area for provision of regulated entertainment.
- Off sales of alcohol from container bar only.

KEY - PROPOSED

- ① BIKE STORAGE CONTAINERS
- ② MINI AERIAL ADVENTURE
- ③ JUMP TOWER
- ④ OUTDOOR STAGE
- ⑤ CONTAINER BAR



PRINT DATE: 29 June 2022

PLANNING

NO.	DESCRIPTION	BY	DATE



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 client: HAVEN - WEYMOUTH BAY
 project: Minor Prop Elements

title: Licensing Plan Option
 scale: 1:250 @A1 date: Feb 2022
 drawn by: KR drawing no: 3197.5.10

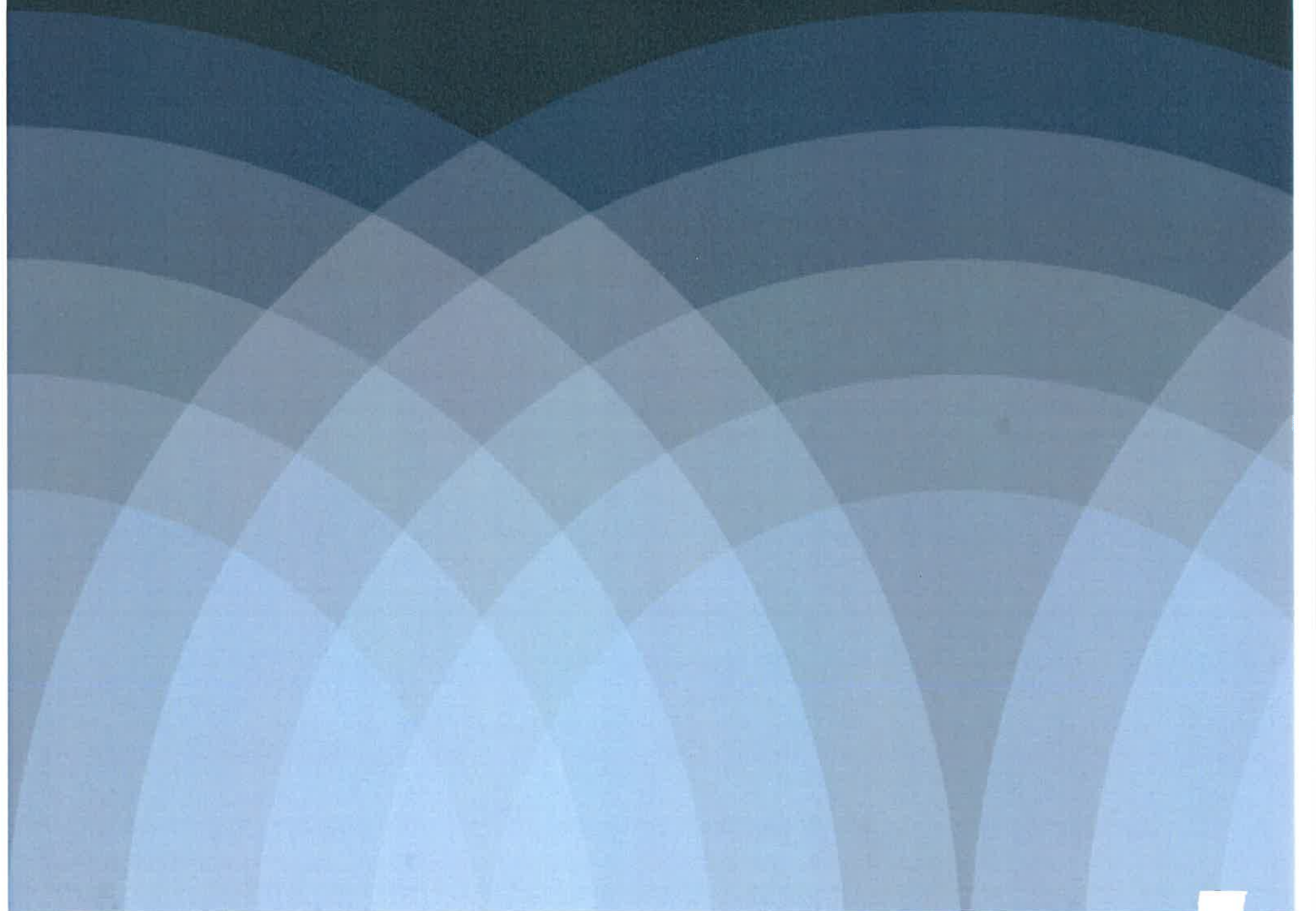
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Haven Holiday Park, Weymouth Bay

Noise Assessment Report

Document Ref. 2061134-RSK-RP-001-(03)





Noise Assessment Report

Haven Holiday Park, Weymouth Bay

Noise Assessment Report

Document Ref. 2061134-RSK-RP-001-(03)

Leisure Concepts Ltd

The Trading Estate
Common Lane
Kenilworth
Warwickshire
CV8 2EL

Revision	Description	Date	Prepared	Approved
0	First issue	22 June 2022	Nick Messer	Matthew Heyes
1	Amended version	27 June 2022	Nick Messer	Matthew Heyes
2	Amended version	29 June 2022	Nick Messer	Matthew Thomson
3	Amended version	29 June 2022	Nick Messer	Matthew Heyes



Noise Assessment Report

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Noise Assessment Report

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Appendix A – Noise Monitoring Locations

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Appendix C – Noise Survey Results

Appendix D – Noise Model Figures

 End of Section



Noise Assessment Report

1 Introduction

1.1 Instruction

- 1.1.1 RSK Acoustics Ltd (RSKA) has been instructed by Leisure Concepts Ltd to undertake a noise impact assessment report to support the licensing application for proposed site improvements at Haven Holiday Park in Weymouth Bay. The proposed site improvements include a new outdoor stage, climbing wall, bar, bungee trampolines and mini aerial adventure area. This report focuses on the noise impact from the proposed stage and speaker system.
- 1.1.2 This report describes the assessment methodology, the baseline conditions currently prevailing across the application site and the effect of the noise from the proposed development.
- 1.1.3 Mitigation measures have been identified where necessary and practical to achieve appropriate acoustic standards.
- 1.1.4 A glossary of acoustic terminology relevant to the assessment is included at the end of the report.

1.2 Scope of the Assessment

- 1.2.1 The scope of the assessment summarised within this report is as follows:
- Quantify the existing noise environment at the nearest existing receptors;
 - Set noise limits for the noise from the proposed entertainment system at the nearby residential buildings; and
 - Calculate the noise levels from the proposed development at the nearest dwellings and compare these to the noise limits set.



Noise Assessment Report

2 Site Description

2.1 Site Location and Description

- 2.1.1 Weymouth Bay Holiday Park is located along Preston Drive, in the southern seaside town of Weymouth, DT3 6BQ. The site consists of static caravans and an entertainment centre with associated amenities.
- 2.1.2 Near the entrance of the site is the main pavilion building and car park. To the east of the site is Haven Seaview Holiday Park, to the south of the site is farmland. The River Jordan runs through the centre of the site. Residential properties are located along the north and west boundaries of the site.

2.2 Proposed Site Improvements

- 2.2.1 The proposed site improvements are to be located in the nearby recreational area, to the east of the main pavilion building in the centre of the park and include a new outdoor stage, climbing wall, outside bar, bungee trampolines and mini aerial adventure area.
- 2.2.2 The current climbing area will be knocked down to make way for the new stage area. The proposed stage will be 6m x 4m, housing a 5m x 3m screen and associated speaker system.
- 2.2.3 The speaker system will comprise of six main speakers and two under-stage subwoofers. The arrangement of the proposed speakers around the stage area is so that viewers of the entertainment will all be close to the system, thereby avoiding the need to raise the sound levels to a high level. A limiter is to be installed to ensure noise levels generated through the speaker system do not exceed the proposed limits at the residential receptors.
- 2.2.4 The proposed use will be for live entertainment (such as plays, music and dance) and films. The stage is proposed to be used between the hours of 11:00 and 21:00 for live entertainment and between the hours of 11:00 to 23:00 three times a week for films. This is proposed between the three weeks before Good Friday until the end of October in each calendar year. The stage is proposed to operate 7 days a week.
- 2.2.5 The closest residences to the proposed speaker system are houses to the north, situated on Fisherbridge Road and to the west, situated on Halstock Close. The facades of these properties facing the holiday park are taken to be the subject of our assessment.



Noise Assessment Report

3 Baseline Noise Survey

3.1 Introduction

- 3.1.1 A baseline noise survey was undertaken by RSK Acoustics in May 2022 at two locations along the site boundary in order to investigate and quantify existing noise sources at the nearest noise sensitive receptors to the park.

3.2 Survey Measurement Details

- 3.2.1 The baseline noise measurements were undertaken from Wednesday 18 to Monday 23 May 2022 throughout a representative midweek and weekend period at boundary locations in order to capture noise levels at the nearest residential properties that border the park.
- 3.2.2 Monitoring Position 1 (MP1) was located on the northern boundary next to the River Jordan; the sound level meter was positioned approximately 5 metres away from the boundary and is considered a representative location of the residential properties along Fisherbridge Road.
- 3.2.3 Monitoring Position 2 (MP2) was located on the north-western boundary, close to the loading area of the main pavilion; the sound level meter was positioned approximately 3 metres away from the boundary and is considered a representative location of the residential properties along Halstock Close.
- 3.2.4 A description of the measurement positions and rationale is provided in Table 3.1 below.

Table 3.1 Measurement location details

Ref.	Location	Rationale	Location (NGR Coordinates)
MP1	Northern boundary, bordering residential properties along Fisherbridge Road	To quantify noise levels at nearby sensitive receptors	370152E, 082839N
MP2	North-west boundary, bordering residential properties along Halstock Close	To quantify noise levels at nearby sensitive receptors	370307E, 082877N

- 3.2.5 Noise survey locations are illustrated below in Appendix A.



Noise Assessment Report

3.3 Survey Equipment

3.3.1 Noise measurements were undertaken using the following equipment:

Table 3.2 Noise survey equipment

Equipment	Type	Serial Number	Calibration Date
Class 1 Sound Level Meter	Rion NL-52	00453835	10/09/2021
Class 1 Sound Level Meter	Rion NL-52	00197783	19/04/2021
Acoustic Calibrator	Rion NC-75	34378202	13/08/2021

- 3.3.2 The measurements were undertaken in free field conditions with the microphone positioned away from reflecting surfaces. Unattended measurements were taken at 1.5 metres above the ground height to the general requirements of BS 7445: Description and measurement of environmental noise.
- 3.3.3 A field verification was undertaken before and after the measurements, using the acoustic calibrator at 94 dB at 1 kHz; no significant (± 0.5) calibration drift was noted.
- 3.3.4 Measurements were logged in 15-minute samples (with supplementary 100 millisecond L_p data) providing the following indices; L_{Aeq} , L_{A10} , L_{A90} and L_{AFmax} .
- 3.3.5 The sound level meters used conform to the requirements of BS EN 61672-1: 2013 '*Electroacoustics. Sound level meter, Specifications*'. The calibrator used conforms to the requirements of BS EN 60942: 2018 '*Electroacoustics, Sound calibrators*'. The equipment used has a calibration history that is traceable to a certified calibration institution. Under BS EN 61672-1, sound level meters are required for calibration every 2 years, with acoustic calibrators requiring calibration annually. The calibration certificates for all equipment used during the survey are available upon request.

3.4 Noise Environment

- 3.4.1 The noise survey was undertaken during the spring months. It is likely that representative background and ambient noise levels measured during the survey are lower than when the park is at full capacity during the peak season, as such the limits assessed against for this report are thought to be robust and worst case.
- 3.4.2 The noise climate at both locations consisted mainly of bird calls, predominately seagulls, and nearby holiday makers. Other noise sources that contributed to the noise climate were the rustling of nearby foliage and nearby traffic noise from the A353 Preston Road.



Noise Assessment Report

3.5 Weather Conditions

- 3.5.1 Conditions during the monitoring were noted at the beginning of the survey and during collection of the equipment, being dry, calm and warm. Available weather records were obtained from www.wunderground.com (weather station ID: IWEYMO11) and are summarised in Table 3.3 below.

Table 3.3 Weather data during noise survey (weather station ID: IWEYMO11)

Date/Time	Average Temperature (°C)	Average Wind Speed (ms ⁻¹)	Dominant Wind Direction	Accumulated Precipitation (mm)
Wednesday 18/05/2022	16.5	0.5	WSW	3
Thursday 19/05/2022	18.6	0.5	West	0
Friday 20/05/2022	16.6	1	West	1.5
Saturday 21/05/2022	18.6	1	West	0
Sunday 22/05/2022	18.4	0.5	ESE	0
Monday 23/05/2022	17.8	0.5	WNW	1.3

- 3.5.2 Weather conditions noted above are considered suitable for monitoring purposes in accordance with BS 7445.



Noise Assessment Report

4 Measurement Results

4.1 Long Term Noise Monitoring

- 4.1.1 With respect to assessing the noise impact of the proposed usage it is the existing background (L_{A90}) levels which are of most interest. As the proposed usage will not continue past 11pm, we have only considered the noise climate up to this time.
- 4.1.2 Noise levels measured at location MP1 and MP2 are summarised in terms of overall representative daytime and evening-time levels in Table 4.1 and Table 4.2 respectively below. A photographic report is presented in Appendix A with a graphical representation of continuous measured noise levels included in Appendix B.

Table 4.1 Noise survey results – Location MP1.

Date	Time Period	Measured noise levels, dB ¹	
		$L_{Aeq,T}$	$L_{AFmax,15min}$
Wednesday 18/05/2022	14:10 - 19:00*	56	87
	19:00 – 23:00	63	100
Thursday 19/05/2022	07:00 - 19:00	54	85
	19:00 - 23:00	52	75
Friday 20/05/2022	07:00 - 19:00	57	98
	19:00 - 23:00	54	91
Saturday 21/05/2022	07:00 - 19:00	53	83
	19:00 - 23:00	52	84
Sunday 22/05/2022	07:00 - 19:00	55	79
	19:00 - 23:00	50	82
Monday 23/05/2022	07:00 - 15:15*	65	105

* Measurements not taken through a full 12-hour period.

¹ $L_{Aeq,T}$ values are the logarithmic average of $L_{Aeq,15min}$ samples. $L_{AFmax,15min}$ is the highest sample within the period. All values rounded to the nearest whole number.

- 4.1.3 The measured background noise levels at position MP1 have been analysed and the representative $L_{A90,T}$ is considered to be 40 dB(A) during the day and 37 dB(A) during the evening period.



Noise Assessment Report

Table 4.2 Noise survey results – Location MP2.

Date	Time Period	Measured noise levels, dB ¹	
		L _{Aeq,T}	L _{AFmax,15min}
Wednesday 18/05/2022	14:00 - 19:00*	53	82
	19:00 - 23:00	47	74
Thursday 19/05/2022	07:00 - 19:00	52	85
	19:00 - 23:00	47	75
Friday 20/05/2022	07:00 - 19:00	56	92
	19:00 - 23:00	50	82
Saturday 21/05/2022	07:00 - 19:00	52	81
	19:00 - 23:00	50	86
Sunday 22/05/2022	07:00 - 19:00	51	91
	19:00 - 23:00	50	82
Monday 23/05/2022	07:00 - 15:15*	55	89

* Measurements not taken through a full 12-hour period.

¹ L_{Aeq,T} values are the logarithmic average of L_{Aeq,15min} samples. L_{AFmax,15min} is the highest sample within the period. All values rounded to the nearest whole number.

- 4.1.4 The measured background noise levels at position MP2 have been analysed and the representative L_{A90,T} is considered to be 43 dB(A) during the day and 42 dB(A) during the evening period.
- 4.1.5 The representative L₉₀ in the same period is also required for the 63 and 125Hz octave bands, for use in our assessment (see Section 4 below) – these are set out in Table 4.3 below:

Table 4.3 Representative measured background noise L90 in the 63 and 125Hz octave band.

Location	L _{90,63Hz}	L _{90,125Hz}
MP1	47	49
MP2	47	49

- 4.1.6 The L₉₀ noise levels were found to be representative of the full measurement period of data and as such have not been split into distinct time periods.
- 4.1.7 These are levels recorded while the park is open during the spring months. However, in summer when the holiday park is open and at its usual capacity, it is expected the background noise levels will be higher.



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5 Assessment Methodology

5.1 Overview

- 5.1.1 A computer noise model of the site has been constructed using SoundPLAN (v8.2) noise prediction software. The model has been set up with the following parameters and best practice assumptions:

Table 5.1 Modelling parameters

Ref.	Location
Algorithms	ISO 9613-2:1996.
Ground Absorption	Acoustically mixed (0.5 coefficient) – mixture of roads/pavements and hard standing areas with soft areas (grass and vegetation)
Met Conditions	10 degrees Celsius; 70% humidity; and Wind from source to receiver.
Receptor Height	Ground Floor 1.5 m above ground; First Floor 4 m above ground;
Source Modelling	Each speaker within the system has been assumed as a line array source
Buildings and barriers	All the existing structures and buildings in the immediate surroundings of the site have been incorporated into the model.
Terrain	Terrain data (LiDAR DTM 2020 1 m resolution) has been included within the model.
Site Layout and plot numbers	As per supplied drawing ref. 2019-24-D 03 issued by Vision Mill Architects, October 2021.

5.2 Outdoor Stage

- 5.2.1 The basis for the assessment of the proposed outdoor stage is the Institute of Acoustics Bulletin's "Good practice guide on the control of noise from pubs and clubs". This document proposed various noise emission criteria from entertainment venues – in the context of the frequency of its use per year and the time at which it ends. The guide states the following with regards to entertainment noise:

"A2.1 Venues where entertainment takes place less than 30 times per year, not more than once in a single week, and end by 2300 hours. It is recommended that the criteria and measurement procedures set out in the Code of Practice on Environmental Noise Control at Concerts be applied (see Section 3, Note 5 to Table 1, p.6 of this Code of Practice). In effect, this means that the LAeq,15min of the entertainment noise (the 'music noise level'), should not exceed the



Noise Assessment Report

representative background level L_{A90} (without entertainment noise) by more than 5 dB measured 1 metre from the external façade of a noise-sensitive property.

A2.2 Venues where entertainment takes place more than 30 times per year, not more than once in a single week and ends by 2300 hours. Criteria applicable for both external and internal assessments at noise-sensitive properties. The L_{Aeq} of the entertainment noise should not exceed the representative background noise level L_{90} (without entertainment noise) by more than 5dB; and the L_{10} of the entertainment noise should not exceed the representative background noise level L_{90} (without entertainment noise) by more than 5dB in each third octave band between 40Hz and 160Hz. If the above criteria are met entertainment noise is generally audible but not overly intrusive inside noise-sensitive property.

A2.3 Venues where entertainment takes place more than once per week or continues beyond 2300 hours. Criteria applicable for both external and internal assessments at noise-sensitive properties. The L_{Aeq} of the entertainment noise should not exceed the representative background noise level L_{90} (without entertainment noise), and the L_{10} of the entertainment noise should not exceed the representative background noise level L_{90} (without entertainment noise) in any 1/3 octave band between 40Hz and 160Hz. If the above criteria are met entertainment noise will be virtually inaudible inside noise sensitive property.”

- 5.2.2 The proposed use will be until 11pm, with the frequency of use likely being more than 30 times a year and more than once in a week during the summer period. As such the applicable guidance would be section A2.3 of the guidance above.
- 5.2.3 In the absence of readily available third octave band noise levels for the sources and a significant subwoofer system proposed, it is considered a reasonable design basis to consider whole octave bands at 63 and 125Hz rather than the “1/3 octave band between 40Hz and 160Hz” noted above.
- 5.2.4 Based on the results of the ambient noise levels measurements and the IOA guidance set out above, Table 5.2 below details the proposed limits for music noise from the proposed system, to apply at each of the nearby residential buildings. The limits are in terms of an overall L_{Aeq} noise level, as well as $L_{10,63Hz}$ and $L_{10,125Hz}$ octave band noise levels.
- 5.2.5 The noise limits have also been split based on time period during the day, to account for the fluctuating noise levels throughout the day.



Noise Assessment Report

Table 5.2 Proposed stage noise emission limits at noise sensitive receptors

Location	Time Period	Entertainment Noise Emission Limit, dB		
		L_{Aeq}	$L_{10,63Hz}$	$L_{10,125Hz}$
MP1	10:00-19:00	40	47	49
	19:00-23:00	37	47	49
MP2	10:00-19:00	43	47	49
	19:00-23:00	42	47	49

5.2.6 It is stressed that the limits above are considered to be worst case and in the summer period background noise levels would be higher than measured in the survey carried out. If required another survey could be undertaken during the summer months, which is likely to show that higher limits would be appropriate.

6 Noise Assessment

6.1 Assessment Positions

6.1.1 Local residential sensitive receptors have been assessed, as shown in Appendix D and detailed below:

- Rear side of properties along Fisherbridge Road
- Rear side of properties along Halstock Crescent
- Rear side of properties along Brookside Close

6.1.2 Additionally, two assessment positions have been calculated, for use in verification on site, also shown in Appendix D and detailed below:

- 3m from speaker
- 10m from proposed stage area

6.2 Proposed Sound System

6.2.1 The proposed sound system will consist of six RCF HDL6 Line Array speakers, two RCF SUB 705 Woofers (situated at ground level), one SoundCraft UI23 Digital Audio Desk and two Sennheiser Radio Mics. A limiter will be installed to manage sound levels.

6.2.2 The RCF HDL6 Line Array speakers were assumed to be located 4m off the ground and the subwoofer to be 0.5m off the ground.



Noise Assessment Report

6.3 Assessment Spectra

- 6.3.1 Due to the proposed use of the stage speakers, the noise levels used in the assessment has been based on noise levels from a film measured in a cinema during a noisy period.
- 6.3.2 Measured cinema data has been used for ascertaining a representative spectrum for film noise, shown in the Table 6.1 below:

Table 6.1 Noise data measured for a film in a cinema

	Octave Band Centred Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
$L_{eq,5min}$	83	76	71	72	71	71	66	58
$L_{10,5min}$	88	80	75	76	75	74	70	62

- 6.3.3 The spectra above were measured in a cinema which, due to the more substantial subwoofer system installed, is thought to be a worst-case assessment of noise from the sound system. Due to the difference between L_{10} in the 63 and 125Hz octave bands and the total L_{Aeq} of the spectrum being smaller than the difference in between the limits for L_{eq} and L_{10} set out in Table 5.2, it is assumed that in achieving noise limits in L_{eq} then the limit in L_{10} is also achieved.

6.4 Results

- 6.4.1 Using computer noise modelling software SoundPLAN 8.2, predictions of noise from the speakers' area to the nearest noise sensitive premises have been undertaken. The software implements procedures defined within ISO 9613-2:1996 to calculate the propagation of noise to the noise sensitive properties.
- 6.4.2 Nominal noise levels in each 1/3 octave band were calculated to the nearest noise sensitive receivers at the properties to the north in Brookside Close, Fisherbridge Close and Horyford Close, and in Halstock Close to the north-west, as shown in Appendix A.
- 6.4.3 Noise levels were then calculated in the stage area and the boundary fences of the residential properties. The noise levels from the speakers were then adjusted until the noise criteria stated in Table 5.2 is achieved.
- 6.4.4 The following entertainment noise levels were calculated for each of the assessment positions, as detailed in paragraph 6.1.2:



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Table 6.2 Entertainment noise assessment for onsite locations

Receiver	Calculated Noise Levels, dB(A)	
	11:00-19:00	19:00-23:00
3m from speaker	79	76
10m from proposed stage area	74	71

6.4.5 The above noise levels at 3m from the speakers are the absolute noise limit for the entertainment noise L_{Aeq} , to be achieved on site. The noise levels at 10m from the stage area, with the limits at 3m being achieved, show that this limit is suitable for its proposed use.

6.4.6 With loudspeakers producing noise levels at positions as shown in Table 6.3, the following results have been calculated for each residential assessment position:

Table 6.3 Entertainment noise assessment for offsite locations

Receiver	Calculated Noise Levels, dB(A)	
	11:00-19:00	19:00-23:00
13 Horyford Close	33	31
14 Brookside Close	29	26
15 Halstock Close	32	29
33 Halstock Close	31	28
29-35 Fisherbridge	36	33
43-45 Fisherbridge	40	37
55-57 Fisherbridge	38	35

6.4.7 As can be seen, the noise levels above achieve noise limits at the nearest noise sensitive receivers.

6.4.8 These levels comply with the limits proposed to allow operation up to 23:00. A noise map of the resultant noise levels for a worst case is shown in figure Appendix D.



Noise Assessment Report

7 Conclusions

- 7.1 RSKA has been instructed by Leisure Concepts Ltd to undertake a noise impact assessment report to support the licensing application for proposed site improvements at Haven Holiday Park in Weymouth Bay. The proposed site improvements include a new outdoor stage, climbing wall, bar, bungee trampolines and mini aerial adventure area; this report focuses on the noise impact from the proposed stage and speaker system
- 7.2 A baseline noise survey has been undertaken to quantify existing noise levels across the site, with the resulting dataset used to inform the assessment. Noise monitoring comprised of unattended continuous measurements over a representative midweek and weekend period.
- 7.3 RSKA have set noise limits for the entertainment noise generated through the proposed outdoor stage and predicted noise levels to residences on in Brookside Close, Fisherbridge Close and Horyford Close, and in Halstock Close to the north-west.
- 7.4 Based on the noise survey results entertainment noise limits have been set on site, to be achieved by the speaker system, to minimise the impact on noise sensitive receivers, in accordance with relevant guidance.
- 7.5 The noise limits set would be achieved by the proposed sound system when set to the levels given in Table 6.2.
- 7.6 The noise limits derived are robust as they are based upon background noise levels recorded over period in the spring months. In practice, in the summer period when the park is at full capacity, background noise levels would be higher than recorded in the survey carried out. If required another survey could be undertaken during the summer months, which is likely to show that higher limits would be appropriate.
- 7.7 It is recommended that conditions set for the development allow for the sound system to be changed as long as the criteria outlined in Section 6 are met, to allow flexibility in design for the entertainment system and ensure that changes will not impact residences.



Noise Assessment Report

8 References

- Noise Policy Statement for England (NPSE). DEFRA, 2010.
- National Planning Policy Framework. Department for Communities and Local Government. July 2021.
- ISO 9613-2:1996. Acoustics – Attenuation of sound during propagation outdoors. Part 2: General method of calculation. International Organization for Standardization, 1996.
- British Standard 7445-1:2003, Description and measurement of environmental noise. Parts 1 to 3: Guide to quantities and procedures. British Standards Institution, 1991 to 2003.
- British Standard EN 61672-1:2013, Electroacoustics. Sound level meters. Specifications. British Standards Institution, 1991 to 2013.
- British Standard EN IEC 60942:2018, Electroacoustics. Sound calibrators.



Noise Assessment Report

Glossary of Acoustic Terms

L_{Aeq} :

The notional steady sound level (in dB) which over a stated period of time, would have the same A-weighted acoustic energy as the A-weighted fluctuating noise measurement over that period. Values are sometimes written using the alternative expression dB(A) L_{eq} .

L_{Amax} :

The maximum A-weighted sound pressure level recorded over the period stated. L_{Amax} is sometimes used in assessing environmental noise when occasional loud noises occur, which may have little effect on the L_{Aeq} noise level. Unless described otherwise, L_{Amax} is measured using the “fast” sound level meter response.

L_{A10} & L_{A90} :

If non-steady noise is to be described, it is necessary to know both its level and degree of fluctuation. The L_{An} indices are used for this purpose. The term refers to the A-weighted level (in dB) exceeded for n% of the time specified. L_{A10} is the level exceeded for 10% of the time and as such gives an indication of the upper limit of fluctuating noise. Similarly L_{A90} gives an indication of the lower levels of fluctuating noise. It is often used to define the background noise.

L_{A10} is commonly used to describe traffic noise. Values of dB L_{An} are sometimes written using the alternative expression dB(A) L_n .

L_{AX} , L_{AE} or SEL

The single event noise exposure level which, when maintained for 1 second, contains the same quantity of sound energy as the actual time varying level of one noise event. L_{AX} values for contributing noise sources can be considered as individual building blocks in the construction of a calculated value of L_{Aeq} for the total noise. The L_{AX} term can sometimes be referred to as Exposure Level (L_{AE}) or Single Event Level (SEL).

■ End of Section

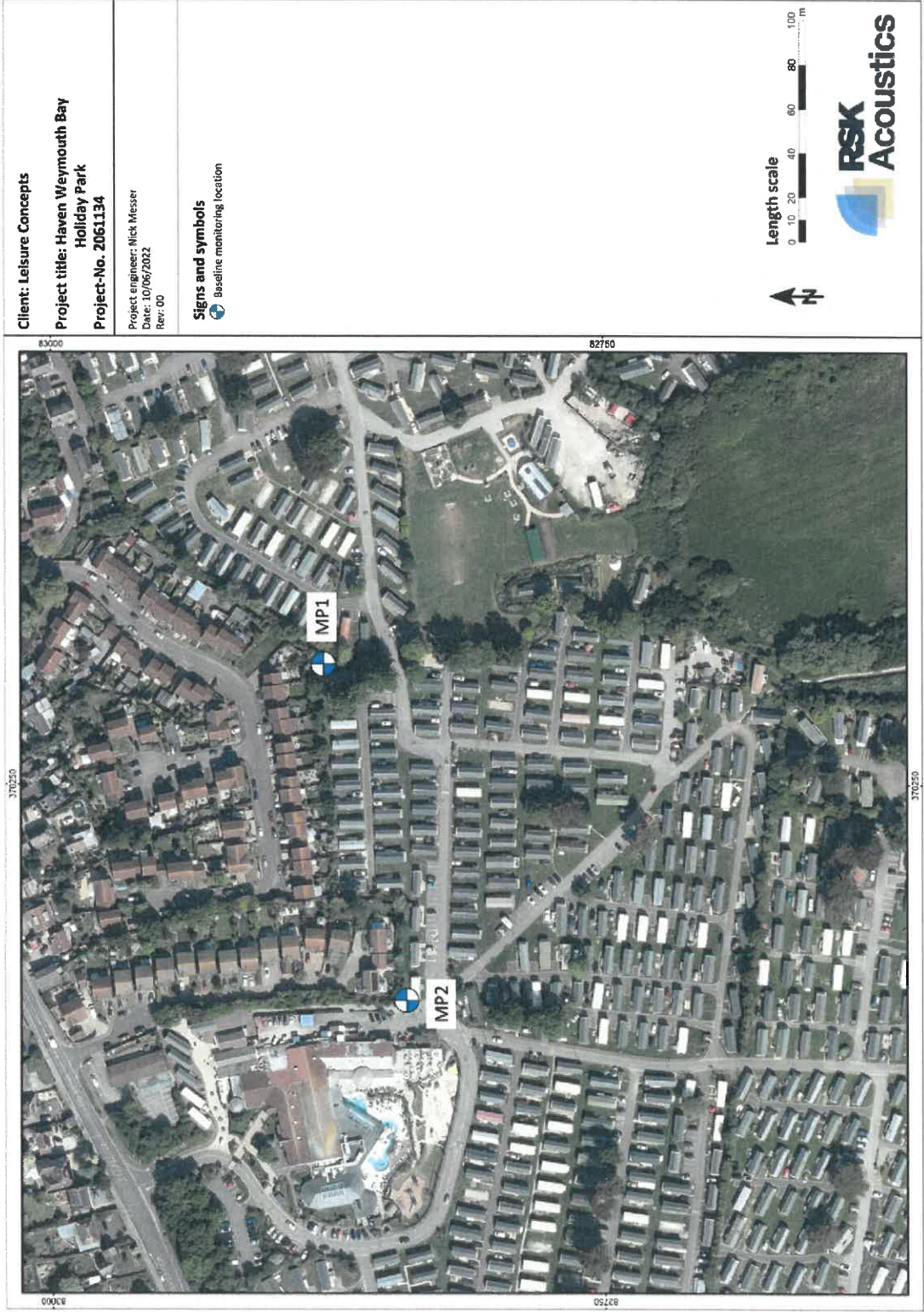


Noise Assessment Report

Appendix A – Noise Monitoring Locations



Noise Assessment Report



Client: Leisure Concepts

Project title: Haven Weymouth Bay
Holiday Park

Project-No. 2061134

Project engineer: Nick Messer

Date: 10/06/2022

Rev: 00

Signs and symbols

 Baseline monitoring location

Length scale
0 10 20 40 60 80 100
m





Noise Assessment Report

Appendix B - Survey Photographs



Figure B.1 Noise survey location 1



Figure B.2 Noise survey location 1



Figure B.3 Noise survey location 1



Figure B.4 Noise survey location 2



Figure B.5 Noise survey location 2



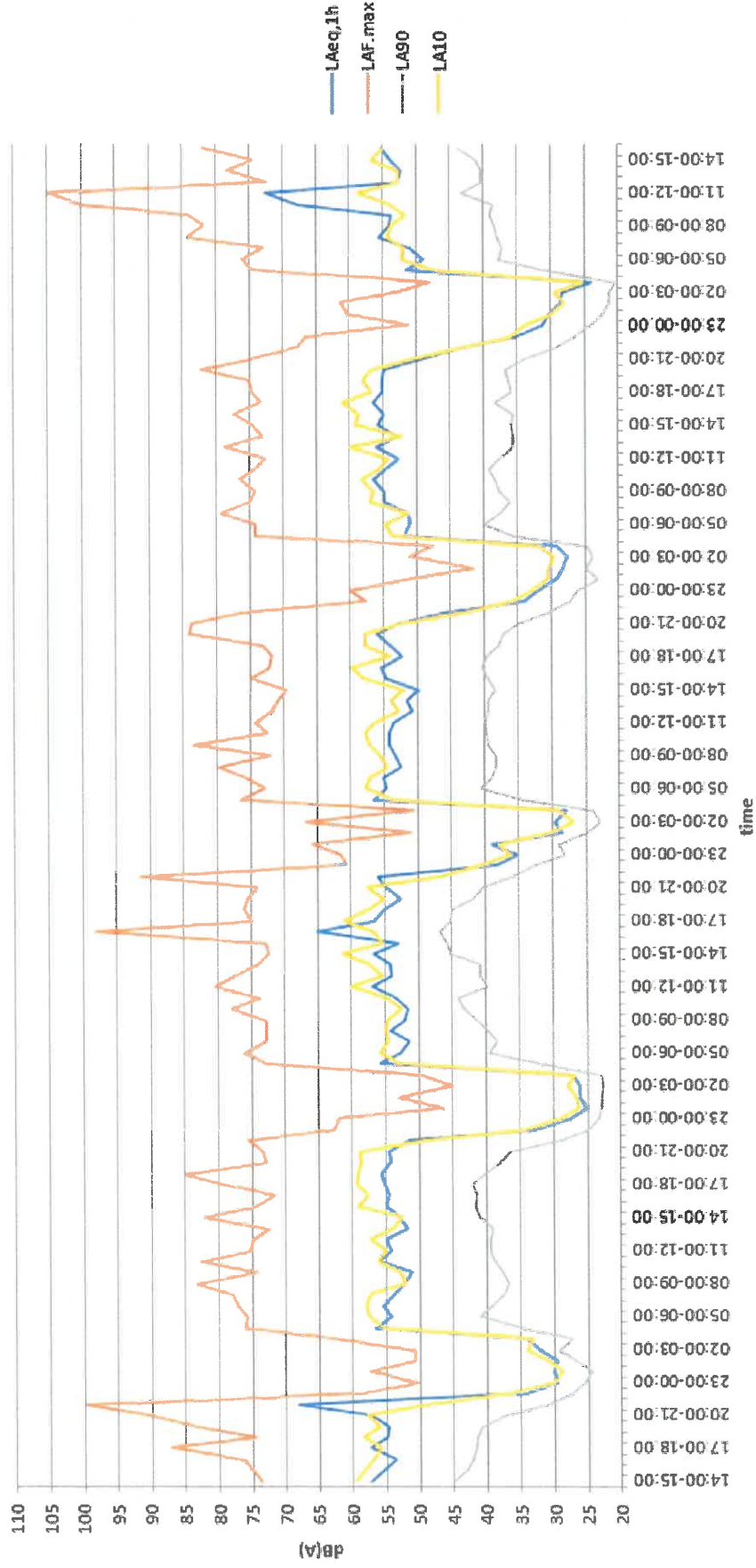
Figure B.6 Noise survey location 2



Appendix C – Noise Survey Results

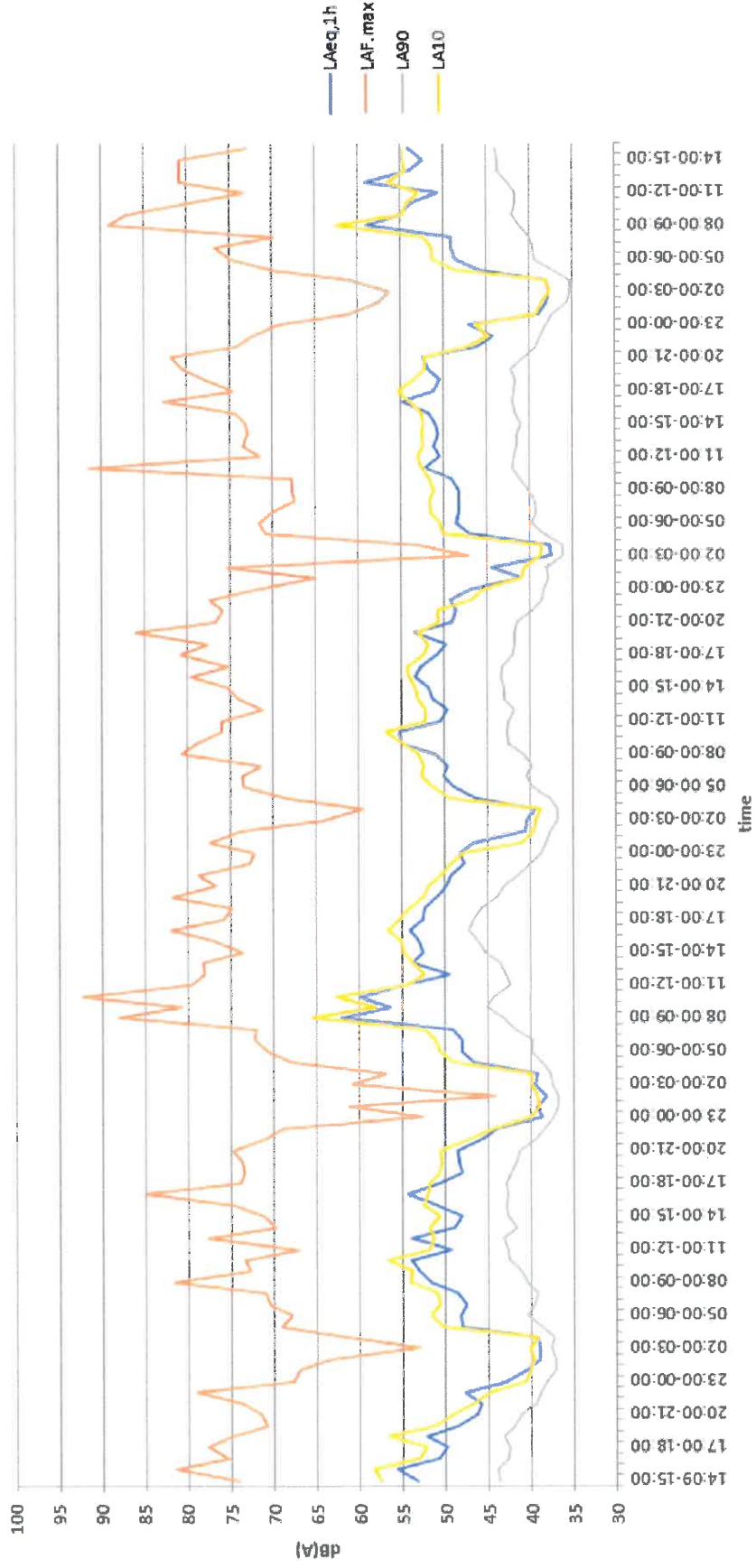


Noise Survey Results - MP1



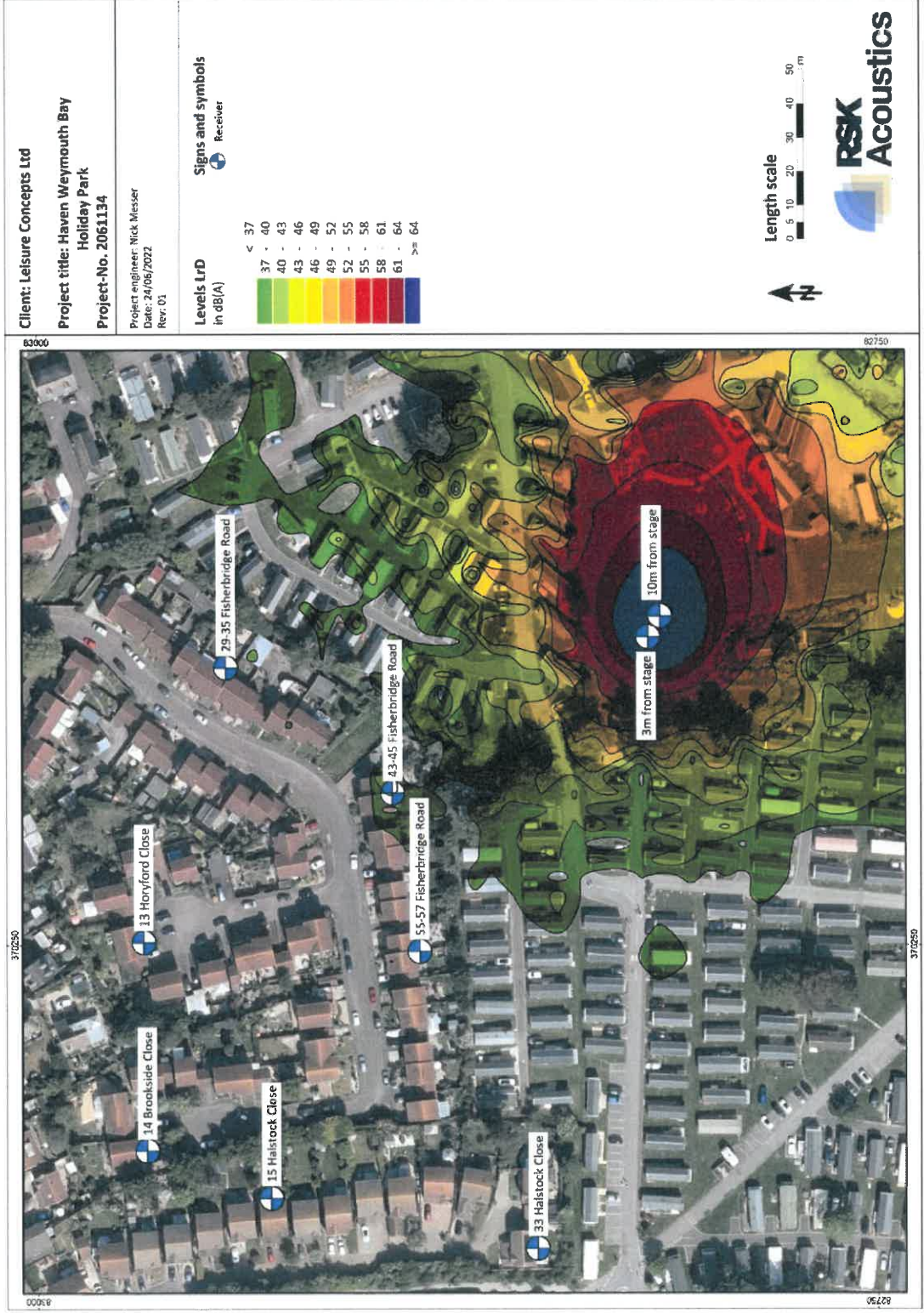


Noise Survey Results - MP2





Appendix D – Noise Model Figure



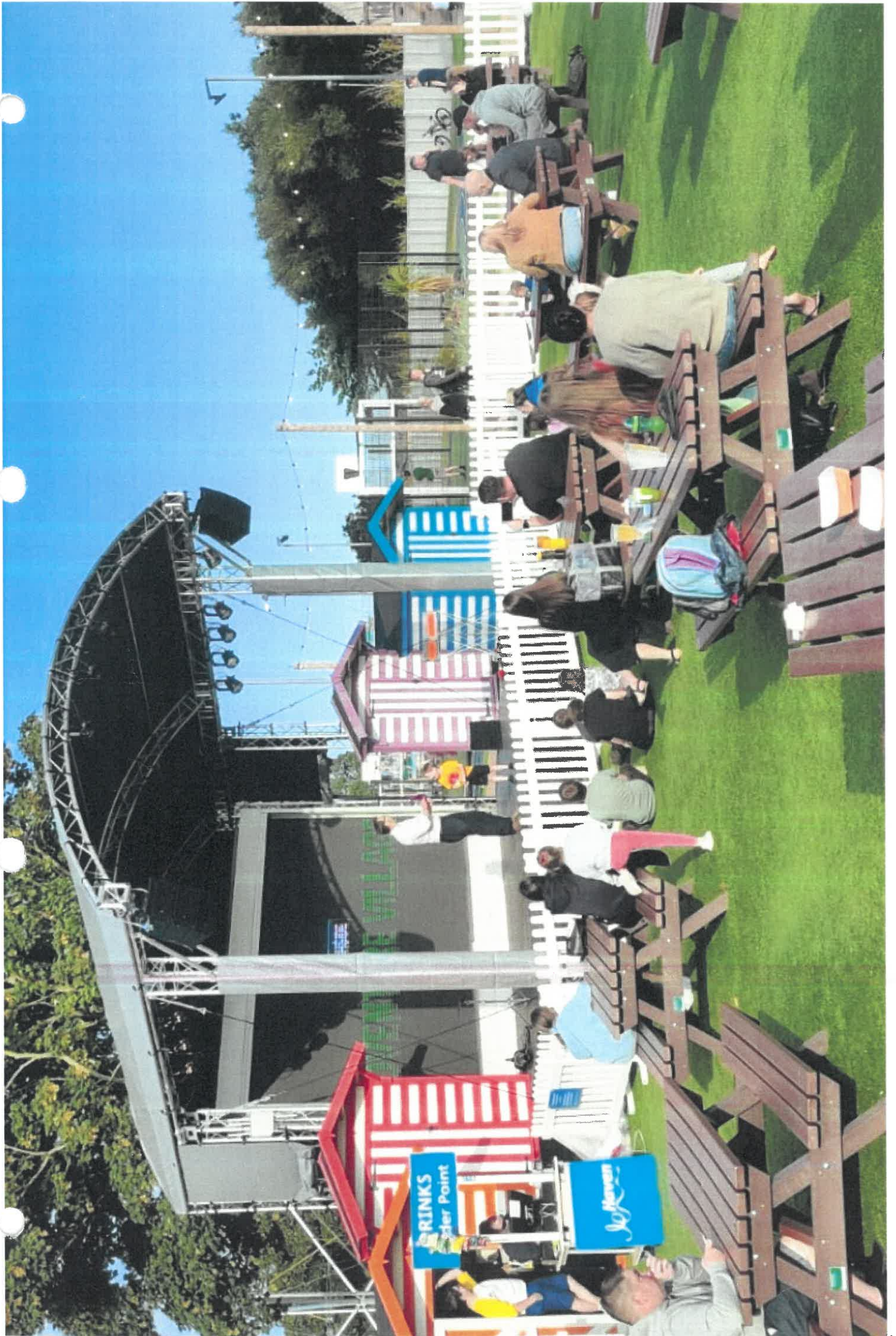




BEACHSIDE

ADVENTURE VILLAGE





Haven - Weymouth Bay

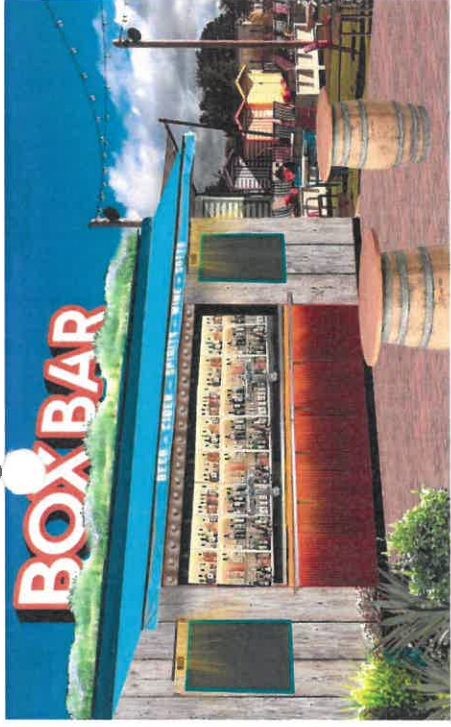
Guest Activity Area - Proposed Improvements

Before



After





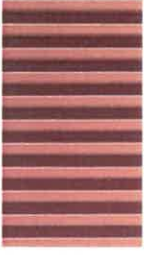
MOODBOARD PHOTOS: FINISHES & COLOURS OF THE PROPOSED CONTAINER BAR AS SHOWN.



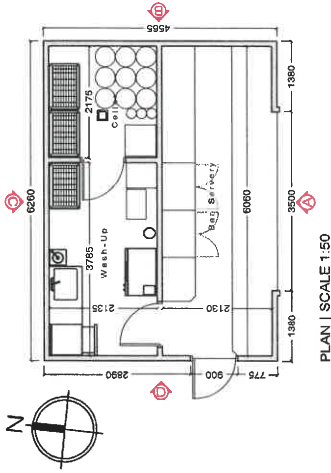
1 | PLANTING TO ROOF



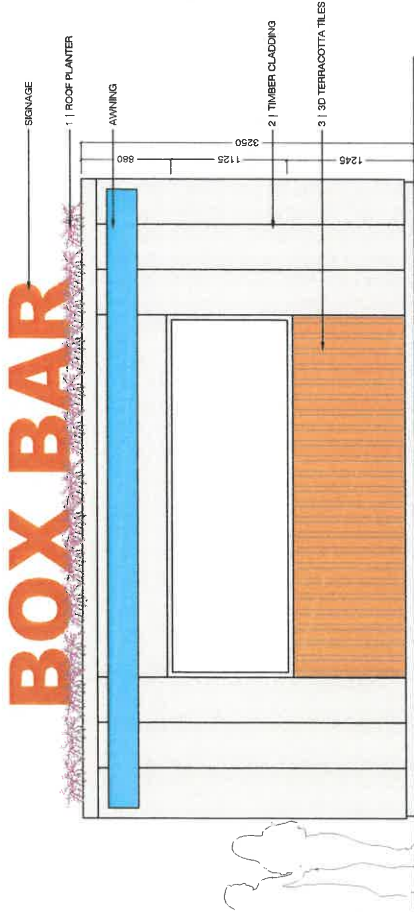
2 | RECLAIMED SCAFFOLD PLANKS



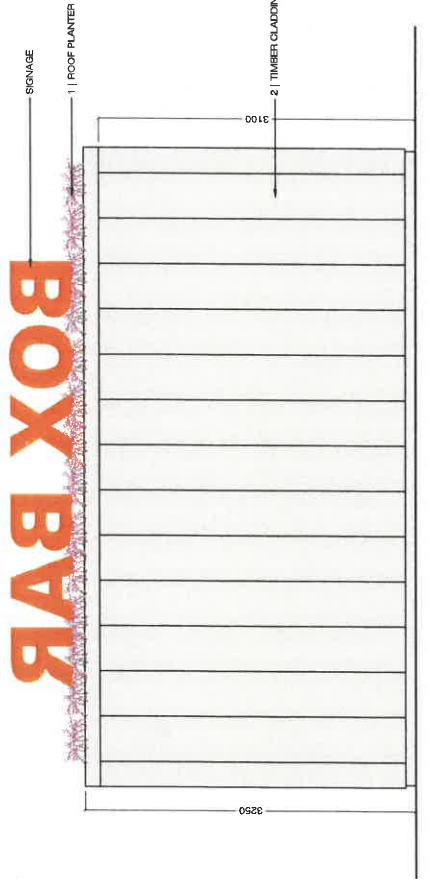
3 | 3D TERRACOTTA TILE



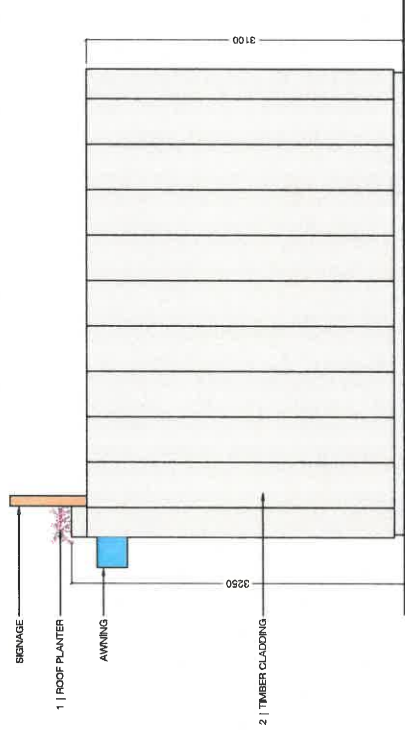
PLAN | SCALE 1:50



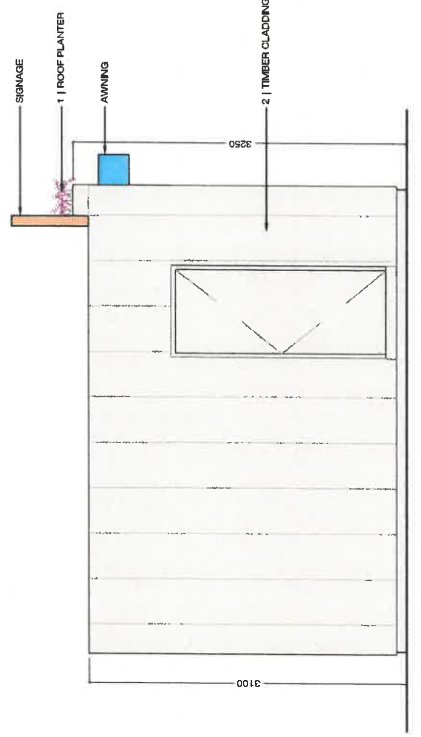
ELEVATION A - SOUTH | SCALE 1:25



ELEVATION C - NORTH | SCALE 1:25



ELEVATION B - EAST | SCALE 1:25



ELEVATION D - WEST | SCALE 1:25

KEY NOTES
 Equipment: ⑤ CONTAINER BAR
 This drawing should be read in conjunction with drawing number 3197.5.02.

PRINT DATE: 12 April 2022
PLANNING

Revisions	By	Description

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 common lane
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client:
HAVEN - WEYMOUTH BAY
 project:
Minor Prop Elements

title:
**Equipment Details
 Container Bar**
 date:
1:25 & 1:50 @A1 April 2022
 drawing no:
3197.5.07
 KR

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31st May 2022

Dear Neighbour,

We are all looking forward to celebrating the Queens Platinum Jubilee later this week.

We wanted to let you know what will be going on outside our main reception.

On Saturday 1pm-4pm we will be holding a street party for our holiday homeowners; this will include a singer and some music to celebrate this momentous occasion. Also, on Sunday 1pm-2pm for our holiday guests. As this is not a usual occurrence, we wanted you to be aware. We will ensure that we monitor the volume of the music, but I am sure you agree this is certainly something to celebrate.

Have a wonderful weekend

With Kind Regards

Katie Watson
Head of Experience