

When assessing Madeira Drive and its suitability for an event the following factors need to be taken into account

- Layout and geographical area
- Means of escape
- Movement around the site
- Impact on the immediate area

Over the past few years the layout of Madeira Drive has changed particularly with the fencing and closure of the Middle Terrace. This has reduced the width of the area and removed a number of access routes by cutting off the stairwells.

Therefore Madeira Drive only has 2 entrance/ exits - Aquarium Roundabout and Black Rock. This limits the numbers on site.

- Other geographical considerations are
 - Proximity to the beach
 - Work being carried out on the terraces
 - Other premises in the surrounding area
 - Other events on the beach by Madeira Drive

- Bars obtaining TEN's and creating a street party on St James Street/ Marine Parade
 - If this happens we anticipate the following
 - Strain on emergency services to manage an 'unmanaged' event
 - Lack of sales for the 'Official PVP'
 - Restriction of East-West access across the city as all roads apart from Eastern Road will be blocked

Site layout and design

To facilitate a clear means of escape from either end the site would need to be designed to not block east or west egress.

It would be likely that the entrance would be on the west with queuing lanes etc therefore the east would be the only clear route of escape in an incident.

The site could be designed to allow escape from both ends but this would reduce the space and therefore impact on the number of people onsite.

To calculate the egress routes we need to take into account the measurements at the narrowest point

At the west this is 6.7m / East 7.9m

Therefore if we discount the west (as this would be the entrance) we are left with 7.9m.

Using this as our exit width and working to evacuate people from the site in under 10 minutes a maximum of 6500

Emergency egress is calculated using the following formula:

To evidence a safe evacuation of the site is achievable in the normal maximum egress time for an outdoor music festival of 10 minutes the following formula is used:

Capacity (C) divided by flow rate (FR) divided by time (T) equals escape width (EW)

The flow rate is based on 82 persons per metre per minute

$$C/FR/T=EW$$

$$6500/82/10= 7.92 \text{ (7.9 metres of emergency exit width)}$$

It is never advisable to have one means of escape from a venue. Evacuating onto the beach would be impossible due to the Volks Railway.

Financial considerations

Based on the capacity figures calculated Brighton Pride CIC would be required to increase ticket prices for the PVP to cover the costs of infrastructure, security etc. Brighton Pride CIC would not be able to offer the currently low price, accessible event.