

# Technical Note: Response to Council's email dated 26<sup>th</sup> January 2018 regarding Service Access

## Introduction

- 1.1 This Technical Note has been prepared to provide assurance in relation to service vehicle routing through the Seven Dials Roundabout following the email from the Council dated 26<sup>th</sup> January 2018, which stated:

*"Looking at the attached PDF "Lorry Vehicle Tracking-Model2", this manoeuvre does not work and would cause damage to the grade 2 list statue in the middle of the dials. There are no engineering solution that we would be will to undertake to solve this issue. The applicant needs to find a solution to this, otherwise we will need to restrict the size of vehicle that can service the theatre."*

- 1.2 To address the concern of the council, a trial experiment where an articulated vehicle of 16.5m length was undertaken on the 8<sup>th</sup> February 2018. Note: This is the vehicle type used by the Council for its response of the 26<sup>th</sup> January 2018.
- 1.3 This Technical Note reports on the findings. The vehicle used for the experiment is shown in **Figure 1.1**.



**Figure 1.1: Vehicle Used**

### **Findings of the Survey**

- 1.4 Video records of the experiment are available upon request. **Figures 1.2 to 1.9** show screenshots of the vehicle making the manoeuvre from cameras located on both the nearside and offside of the vehicle, as well as external images of the vehicle. This demonstrates that the vehicle can make the manoeuvre without impeding on either the statue in the centre or the street furniture which surrounds the Seven Dials Roundabout.



Offside

**Figure 1.2: Image 1**



Nearside



Offside

**Figure 1.3: Image 2**



Nearside



Offside

**Figure 1.4: Image 3**



Nearside



Offside

**Figure 1.5: Image 4**



Nearside

**Delfont Mackintosh Theatres**

**Sondheim (Ambassadors) Theatre, West Street, London**

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Offside

**Figure 1.6: Image 5**



Nearside

Delfont Mackintosh Theatres

Sondheim (Ambassadors) Theatre, West Street, London

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External

**Figure 1.7: Image 6**

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Offside

**Figure 1.8: Image 7**



Nearside



Offside

**Figure 1.9: Image 8**



Nearside

### Conclusions to this Technical Note

- 1.5 **Figures 1.2 to 1.9** show clearly that a 16.5m articulated vehicle can make the route along Monmouth Street through the Seven Dials Roundabout without impeding on the roundabout and statue.
- 1.1 Notwithstanding this, Delfont Mackintosh Theatres are content to accept a condition, as set out in the '*Services and Delivery Outline Management Plan Rev a*' to monitor for a period of 2 years from first occupation to provide comfort to the Council in terms of the operation of the works. The monitoring would provide details of:
- Before and after photos of the immediate highways kerbs and street furniture shown in the vehicle tracking to demonstrate that damage has not occurred
  - Video footage of the vehicle positioning manoeuvre to demonstrate that no adverse blocking of traffic has occurred.
- 1.2 This information would be provided one month following each production change.