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Your ref: Loftus - RtS and RFI email dated 23.08.2022

By email
brett.hutton@jcdecaux.com

11 October 2022

Confidential

Brett Hutton
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JCDecaux Australia & New Zealand
Unit 2-3, 182-190 Euston Rd
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Dear Brett

Loftus - RtS and RFI - LV power supply proposed option

Limitation: The provided details is for information only for DA application and not to be used for design approval or construction design.

Please find below the power supply option for Loftus digital advertising board. The proposed supply method is based on desktop assessment only and is subject to approval from the Ausgrid and Sydney Trains.

Site location: The site is within Rail Corridor off Princess Highway Loftus.

Maximum demand for the proposed digital advertising board: The maximum electrical demand of the digital advertising sign is 60 Amp.

Supply Option: The Utility company responsible for supplying the electricity in the Loftus area is Ausgrid. Based on GIS information from Ausgrid, an existing Ausgrid pillar SU-3920 located at the road reserve at 60 Wheatley Road. The pillar supplies three properties (60, 62 & 64R Wheatley Road). As per Ausgrid guidelines, 1 x Distribution Pillar can supply a maximum of 4 properties. It is assumed that there is 1 x more supply point available to this pillar, which can feed the proposed new demand of the billboard.

The proposed method of supply: The electrical load of the proposed digital advertising sign requires a service cable installed within the rail corridor. The cable route emanates from Wheatley Ave dedicated public road reserves managed by the local council, south along the rail corridor, and then diverts into

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the site to the west of the rail corridor, as shown in the Sketch 1. The supply to the advertising sign is via an isolation transformer to comply with supply arrangements to AMB (Sydney Trains) standards.



Sketch 1 Proposed Power Supply Option

During the detailed design, connection of load application to be submitted to Ausgrid to confirm the available load for the existing pillar and supply point.

Yours sincerely

Pramod Parajuli
Associate Director, Building Services

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