



CITY OF PARRAMATTA COUNCIL

Parramatta Traffic Committee Agenda Item

ITEM NO: 2311 A1
SUBJECT: 28 Cambridge Street, Epping – Installation of Electrical Vehicle (EV) Charging Space
APPLICANT: City of Parramatta Council
REPORT OF: Traffic and Transport Engineer
WARD: Epping
SED: Epping

Purpose.

This report seeks approval for the installation of an on street electric vehicle (EV) charging space outside of 28 Cambridge Street, Epping. The purpose of the proposal is to comply with condition 10 of the notice of determination for the installation of an EV charging station at an existing electrical substation.

OFFICER'S RECOMMENDATIONS:

1. That Council approves the installation of a '2P Electric Vehicles (Symbolic) Only' (R5-1-10n) restriction with associated Electric Vehicle pavement marking on the east side of Cambridge Street south of Chester Street, Epping (outside 28 Cambridge Street) as shown Figure 3 of this report.
2. That recommendation 1 is subject to the following:
 - a. All costs associated with the installation and maintenance of the EV charging bay to be paid for by the applicant at no cost to Council.
 - b. All relevant fees in accordance with Council's Fees and Charges to be paid for by the applicant.
 - c. Adherence to conditions of consent issued for the development application DA/888/2022 for the installation of an electric vehicle charging station at 28 Cambridge Street, Epping.

Background

City of Parramatta Council has received a request from Jolt Charge Pty Ltd for the installation of an electric vehicle (EV) charging bay at 28 Cambridge Street in accordance with the condition 10 of the Notice of Determination issued on 15 August 2023 for an EV charging station to be installed at the existing Ausgrid electrical substation on Cambridge Street, Epping (Development Application No. DA/888/2022). Condition 10 states:

10. *Prior to installation of the digital advertising signage, detailed civil engineering plans for the proposed Electric Vehicle Charging Bay are to be submitted to Council's Traffic and Transport Manager for consideration by the Parramatta Traffic Committee and approval by Council. The design of the Electrical Vehcile Charging Bay is not to include the green pavement linemarking as shown on plans submitted with the development application and must comply with Council's Guidelines for Electric Vehicle Charging Infrastructure on Council Land. The construction, installation and on-going maintenance of all infrastructure, including any signage and linemarking, are to be paid for by the applicant at no cost to Council.*

Reason: *To comply with Council's requirements*

City of Parramatta Council at its meeting held on 12 December 2022 endorsed the 'Guidelines for Electric Vehicle Charging Infrastructure on Council Land' document. According to the guidelines, all EV car parking / charging bays are to incorporate a 'No Parking Electric Vehicles Excepted Only While Charging' restriction unless otherwise directed by Council. Furthermore, a limit on the maximum duration of stay while charging will be applied in areas that already have timed parking to remain consistent with the existing restrictions.

Cambridge Street is located within the Epping Town Centre and within walking distance of Epping Railway Station (refer to Figure 1). High density residential developments are also located in this street and nearby streets. The '2P 8:30am-6pm Mon-Fri 8:30pm-12:30pm Sat' restriction currently applies in Cambridge Street outside No. 28 (refer to Figure 2). The restriction has been installed to help turn over parking more regularly, making it easier for visitors to find parking and encourage greater patronage of local businesses.

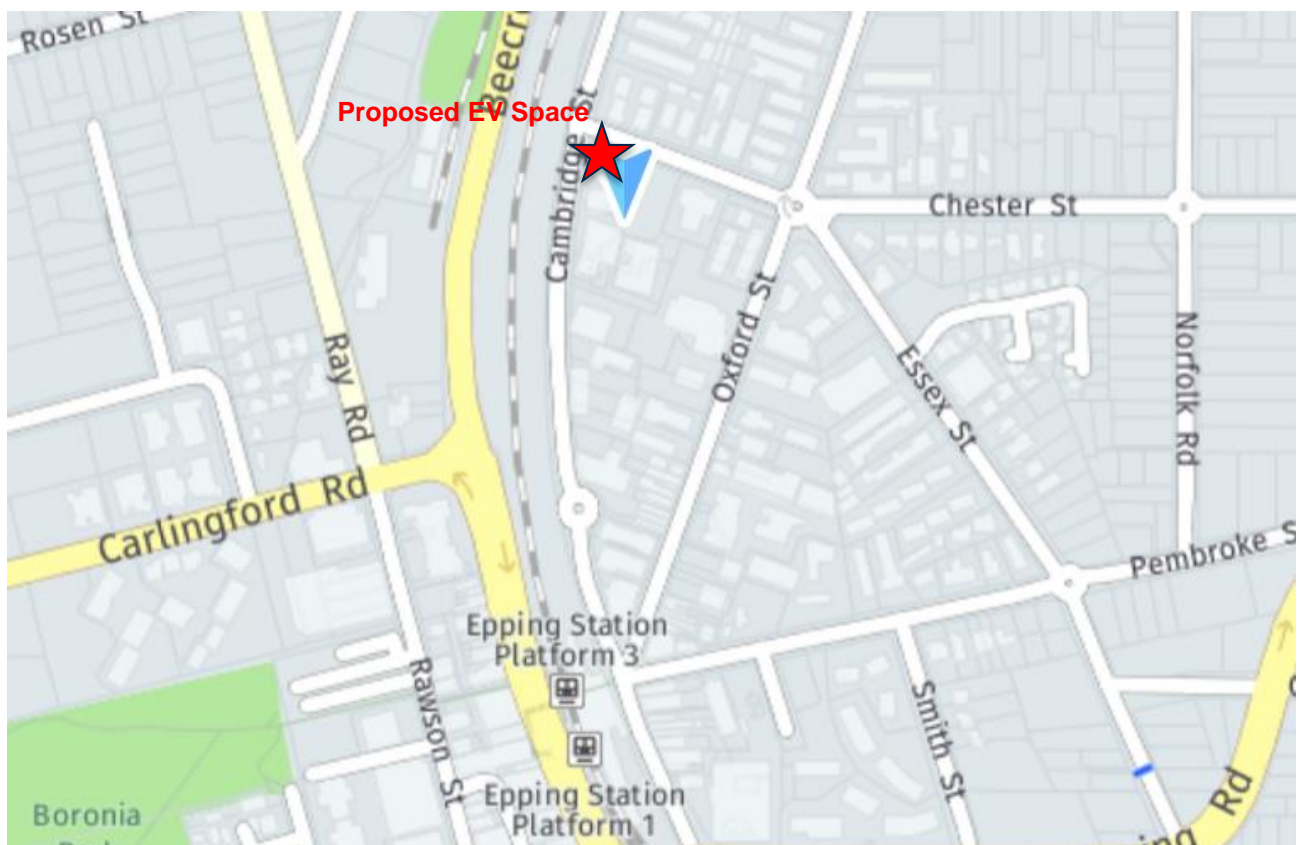


Figure 1: Location map of the area near the proposed Electric Vehicle (EV) space at 28 Cambridge Street, Epping



Figure 2: Street view of the location of the proposed EV space in Cambridge Street, Epping

The TfNSW Traffic Sign Register details the standard signs that are to be used in NSW for regulating, warning, informing and guiding road users. It specifies the sign classification, numbering, shape and colour of each sign. According to the Traffic Sign Register, the 'No Parking Electric Vehicles Excepted Only While Charging' sign is no longer used. Instead, it recommends the use of the signs as listed below:

- 'No Parking (Symbolic) Electric Vehicles (Symbolic) While Charging Excepted' (R5-40-1n)
- 'No Parking (Symbolic) Electric Vehicles (Symbolic) Excepted' (R5-40-2n)
- 'Parking (1P-10P) Times (Various) Mon-Fri Electric Vehicles (Symbolic) Only' (R5-1-10n)
- 'Parking (1P-10P) Times (Various) Mon-Fri Sat-Sun Electric Vehicles (Symbolic) Only' (R5-1-11n)

As a 2-hour parking restriction applies at 28 Cambridge Street and there is a high demand for on street parking throughout the week, it is proposed to install a '2P Electric Vehicles (Symbolic) Only' (R5-1-10n) restriction at the charging bay on the east side of Cambridge Street south of Chester Street, Epping as shown in Figure 3. The Electric Vehicle pavement marking is also proposed to be installed at this location in accordance with TfNSW Traffic Sign Register.

It is to be noted that the electric vehicle charging space will only be installed after the conditions of the Notice of Determination for the DA are met. Details of the Jolt unit specifications are attached to the report.



Figure 3: Sign and pavement marking plan for the proposed EV space at 28 Cambridge Street, Epping

Community Consultation

As part of the Development Application (DA) for the installation of the EV charging station at 28 Cambridge Street, community consultation was undertaken between 21 November and 12 December 2022. Council received one submission raising concerns in relation to the traffic generation from the use of the proposed facility. It is to be noted that this proposal provides one charging space, which is expected to be used by the local community. Furthermore, increasing the availability of EV charging infrastructure will support growth in the uptake of EVs. Accordingly, Council has approved the DA supporting the installation of the facility.

FINANCIAL IMPLICATIONS

According to the conditions of the DA consent, the construction, installation and on-going maintenance of all infrastructure, including any signage and line marking, are to be paid by the applicant at no cost to Council.

The below fees, in accordance with Councils adopted 'Fees and Charges' are applicable to this application. Further note that applicant will organize the installation of EV pavement markings in accordance with TfNSW's specifications.

- 7.26.1 Assessment of Traffic Facility Plans to be Delivered as part of a Condition of Consent through Traffic Committee Process (exc. supply and installation)

0617	Changes to parking restrictions within a local street for a length of less than 50m	\$200
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7.26.12 User Pay Parking Sign (if Council organises installation of sign)

0667	Installation/relocation/maintenance - per sign	\$80.27 (incl GST)
0668	Installation/relocation/maintenance - per post	\$300.50 (incl GST)

7.26.16 Electric vehicle charging infrastructure on council roads

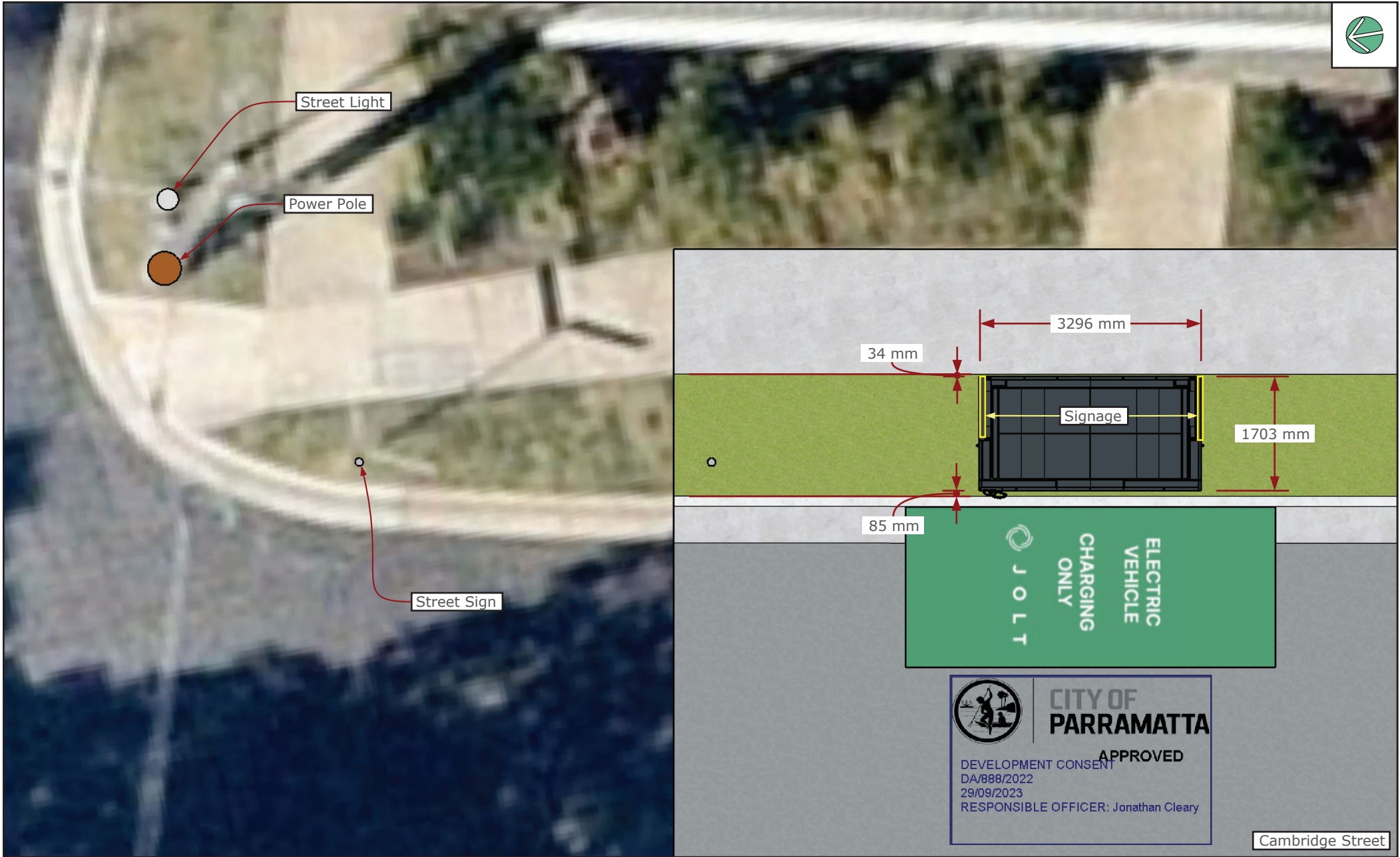
0674	Regulated EV charging space monitoring and administration fee (excludes sign installation/ maintenance and any lease/license agreements)	\$10/yr
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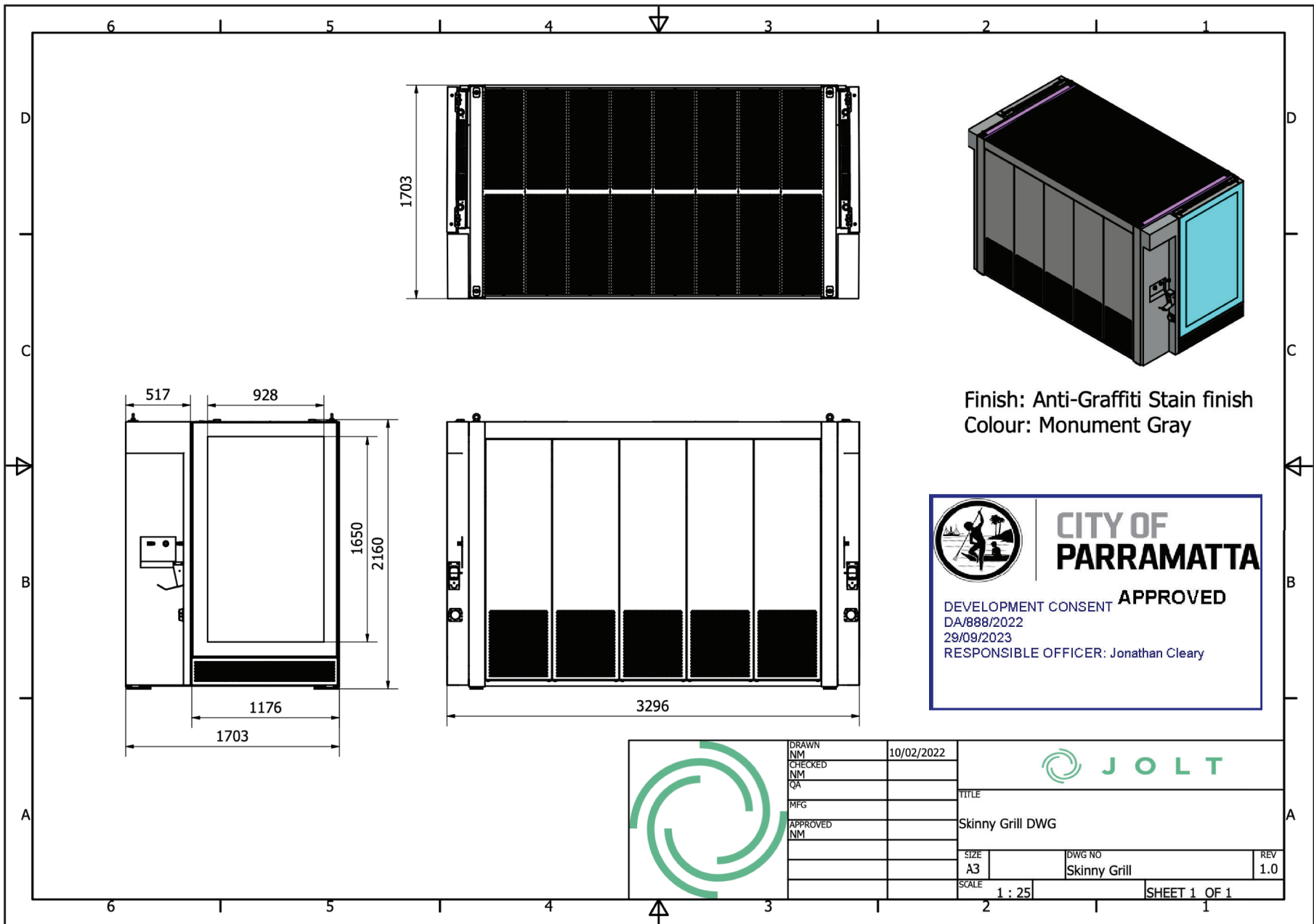
Velsamy Sankaran
Traffic and Transport Engineer
12/10/2023

Attachments –

1. Dimensions of Electrical Vehicle Charging Space - JOLT
2. JOLT Unit Specifications



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