

Chief Executive Officer  
Liverpool City Council

6 February 2021

**ATTENTION: Boris Santana**

Dear Sir or Madam

I refer to the referral of 20 January 2021 from NSW Planning, Industry & Environment regarding NSW Government concurrence and referral request CNR-4567 for Liverpool City Council Development Application DA-1080/2020 at 40-46, 48 & 52 SCOTT STREET LIVERPOOL 2170 (Lot 17 DP 81842, Lot 11 DP 522284, Lot 12 DP 657056, Lot 3 DP 229979, Lot 1 DP 507070) for 'Stage 2-Construction of and use of a 22 storey commercial office building, a 9 storey co-living building as well as related works such as a 4-level basement, landscaping and public domain works'. Submissions need to be made to Council by 10 February 2021.

Please refer to the attached copy of Endeavour Energy's submission made on 11 October 2019 to NSW Government concurrence and referral request CNR-1924 for Liverpool City Council's development application DA-585/2019 at 40-46 SCOTT STREET LIVERPOOL 2170 (Lot 1 DP 514817; Lots 1, 2 & 3 DP 229979; Lot 17 DP 81842; Lot 11 DP 522284; Lot 201 DP 1224084; Lot 100 DP 877435; Lot 12 DP 657056; Lot 1 DP 507070; Lots 22 & 23 DP 441010) for 'Concept development application pursuant to section 4.22 of the Environmental Planning & Assessment Act for a new mixed use precinct known as Liverpool Civic Place'. The recommendations and comments provided therein are essentially also applicable to this Development Application.

Subject to the foregoing and the following further recommendations and comments Endeavour Energy has no objection to the Development Application.

- Network Capacity / Connection

Endeavour Energy has noted the following in the Civil Engineering Services Utility Services Report addressing the suitability of the site for the development in regard to whether electricity services are available and adequate for the development.

### **Proposed Low Voltage Distribution**

Based on the estimated maximum demand, it is envisaged that:

- Stage 1 will comprise of a standalone chamber substation (3MVA capacity)
- Stage 2 will comprise of a standalone chamber substation (to be kept to 3MVA capacity, but subject to future validation)

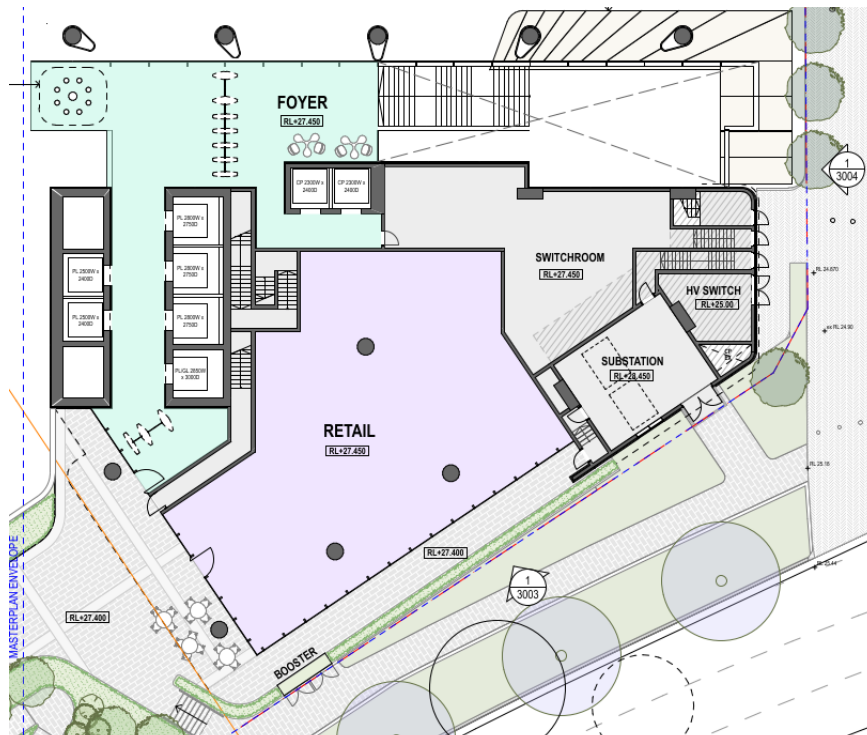
### **Level 3 ASP Design**

The Level 3 ASP Design will be undertaken by Altura Solutions for Stage 1, as well as the application to Endeavour Energy.

## Incoming Infrastructure Arrangement

Stage 1 substation is located along Terminus Street, and it would be the intention to bring the HV feeder into the new 3MVA chamber substation from Terminus Street. The final arrangement is subject to the Endeavour Energy Design Information Pack (DIP) and network study/assessment.

The proposed indoor / chamber substation is shown in the following extract of the Architectural Plans.



Upper Ground Floor Plan / Co-Living L1

From Endeavour Energy's perspective the fact that provision is being made for an indoor substation is a positive. Endeavour Energy's general requirements is for an indoor substation to be at ground level and have direct access from a public street.

As shown in the following Clause 5.3.5 'Indoor substations', from Endeavour Energy's Mains Design Instruction MDI 0044 'Easements and Property Tenure Rights', indoor substations require the following:

### 5.3.5 Indoor substations

The boundaries of an easement for indoor substation must be defined by the internal face of the walls, ceiling, floor, and cable trenches of the substation room.

An easement for the cables that enter and exit the substation room will also be required if they are not installed within public roads and/or existing Endeavour Energy easements.

A right of access may also be required to give Endeavour Energy employees, vehicles, and equipment unrestricted access to the indoor substation at all times.

Generally it is the Level 3 Accredited Service Provider's (ASP) responsibility (engaged by the developer) to make sure that the substation location and design complies with Endeavour Energy's standards the suitability of access, safety clearances, fire ratings, flooding etc. As a condition of the Development Application consent Council should request the submission of documentary evidence from Endeavour Energy confirming that satisfactory arrangements have been made for the connection of electricity and the design requirements for the substation, prior to the release of the Construction Certificate / commencement of works.

Endeavour Energy's Network Connections Branch are responsible for managing the conditions of supply with the proponent and their Accredited Service Provider (ASP). To complete the application for connection of load the applicant and their ASP should contact Endeavour Energy's Network Connections Branch via Head Office enquiries on business days on telephone: 133 718 or (02) 9853 6666 from 9am - 4:30pm.

Could you please pass on a copy of this submission and the attached resources to the applicant? Should you wish to discuss this matter, or have any questions, please do not hesitate to contact me or the contacts identified above or in Endeavour Energy's previous submission in relation to the various matters. Due to the high number of development application / planning proposal notifications submitted to Endeavour Energy, to ensure a response contact by email to [property.development@endeavourenergy.com.au](mailto:property.development@endeavourenergy.com.au) is preferred.

With the current COVID-19 health risk, as many as possible of Endeavour Energy staff are working from home. As a result there is only a small contingent located at the Huntingwood head office for essential operations. Although working from home, access to emails and other internal stakeholders is now somewhat limited and as a result it may take longer than usual to respond to enquiries. Thank you for your understanding during this time.

Yours faithfully

Cornelis Duba

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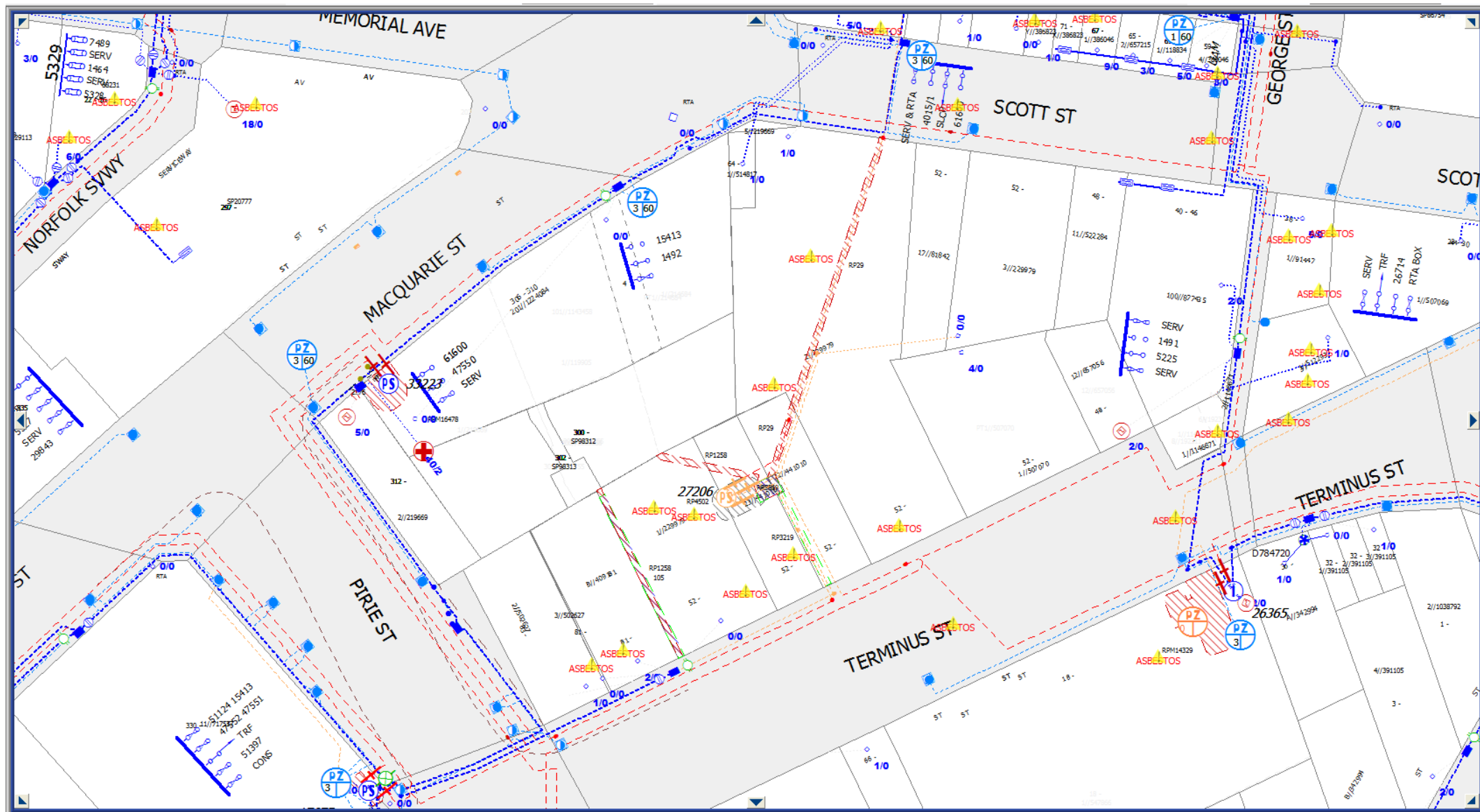




  Liverpool Civic Place
   Phase B & C

**Figure 4**      **Site lot boundaries**





PROPOSED REMOVED

Please note the location, extent and type of any electricity infrastructure, boundaries etc. shown on the plan is indicative only. In addition it must be recognised that the electricity network is constantly extended, augmented and modified and there is a delay from the completion and commissioning of these works until their capture in the model. Generally (depending on the scale and/or features selected), low voltage (normally not exceeding 1,000 volts) is indicated by blue lines and high voltage (normally exceeding 1,000 volts but for Endeavour Energy's network not exceeding 132,000 volts / 132 kV) by red lines (these lines can appear as solid or dashed and where there are multiple lines / cables only the higher voltage may be shown). This plan only shows the Endeavour Energy network and does not show electricity infrastructure belonging to other authorities or customers owned electrical equipment beyond the customer connection point / point of supply to the property. This plan is not a 'Dial Before You Dig' plan under the provisions of Part 5E 'Protection of underground electricity power lines' of the *Electricity Supply Act 1995* (NSW).