

JBS&G 60282-136335 L001 Westfield Penrith DA SEPP 55 Advice (Rev 0)

25 March 2021

Edward Ottery Scentre Group

# Westfield Penrith Development Application – SEPP 55 Advice

Dear Edward,

JBS&G Australia Pty Ltd (JBS&G) was engaged by Scentre Group (Scentre) to provide environmental consultancy services associated with the Westfield Penrith Development Application (DA) for alterations and additions to the central portion of the Westfield Penrith shopping centre adjacent Riley and Jane Streets, Penrith. This advice considers whether site conditions warrant the need for a preliminary site investigation into potential contamination within the development area given the minor extent of ground disturbance involved in the works and the land use will remain commercial in nature.

From development plans provided, the works predominantly involve alterations and additions to the existing shopping centre. The development works will require minimal ground disturbance within the development area, limited to footings below the existing basement for construction of a proposed travelator. Relevant plans are presented in **Attachment 2**.

Given the very limited extent of ground disturbance beneath the existing basement, advice has been sought regarding potential contamination risks and the need for a formal preliminary investigation of contamination to support the DA.

Review of historical aerial photographs showing the development area indicate the area was historically predominantly residential and vacant land to at least the mid 1960s. Construction of a ground level shopping centre was underway by 1970 and completed prior to 1978, with the corner of Riley and Jane Streets being a ground level asphalt carpark to support the new shopping centre that existing until the late 1980s. By the late 1990s the ground level carpark and shopping centre had been replaced by the existing multi-level shopping and cinema complex in its current layout. Plans of the current centre show the basement carpark extends across the entire previous ground level carpark and shopping centre. This would have required the excavation of all topsoil/fill that may have previously existing below the site down to natural soil/rock.

The Penrith 1:100,000 scale geological map shows the site is in an area underlain by Quaternary aged fluvial deposits of gravel, sand, silt and clay, underlain by Ashfield Shale bedrock units including claystone-siltstone and fine sandstone-siltstone which are known to be relatively shallow (<10 to 15m) in the order of 10 to 15 m in the vicinity of the site.

Given the historical land use and removal of all topsoil to natural soil/rock, there is unlikely to be any residual historical contamination immediately below the site's basement. Given the distance to the nearest identified potential contamination source in the area, being a dry cleaner on Henry Street some 300m to the southwest, with a number of large basements in between, there is unlikely to be any associated contamination migration impacting soil/rock underlying the site's basement.

With regards to *State Environmental Planning Policy 55 – Remediation of Land* (SEPP 55) and associated SEPP 55 Planning Guidelines, no known historical contaminating activities as listed in Table 1 of the guidelines are known to have occurred within the development area based on

historical aerials. Further, known uses such as rural residential, retail and carparking activities prior to excavation of the basement would only pose a low risk of surficial impact, which would have been addressed in excavating the current basement area. As such, Initial evaluation of potential contamination herein indicates it is very unlikely contamination exists below the basement area such that the development area would not be suitable for the proposed development and existing shopping centre use.

On this basis JBS&G consider that further preliminary or detailed site investigation of contamination is not warranted, and risks to workers can be managed appropriately through standard construction environmental and health and safety controls.

Should you require clarification, please contact the undersigned on 02 8245 0300 or by email <u>mbennett@jbsg.com.au</u>.

Yours sincerely:



Matthew Bennett, CEnvP SC Senior Principal JBS&G Australia Pty Ltd

Attachments

1) Limitations

2) Site Plans

## **Attachment 1 – Limitations**

This report has been prepared for use by the client who has commissioned the works in accordance with the project brief only and has been based in part on information obtained from the client and other parties.

The advice herein relates only to this project and all results conclusions and recommendations made should be reviewed by a competent person with experience in environmental investigations, before being used for any other purpose.

JBS&G accepts no liability for use or interpretation by any person or body other than the client who commissioned the works. This report should not be reproduced without prior approval by the client or amended in any way without prior approval by JBS&G, and should not be relied upon by other parties, who should make their own enquiries.

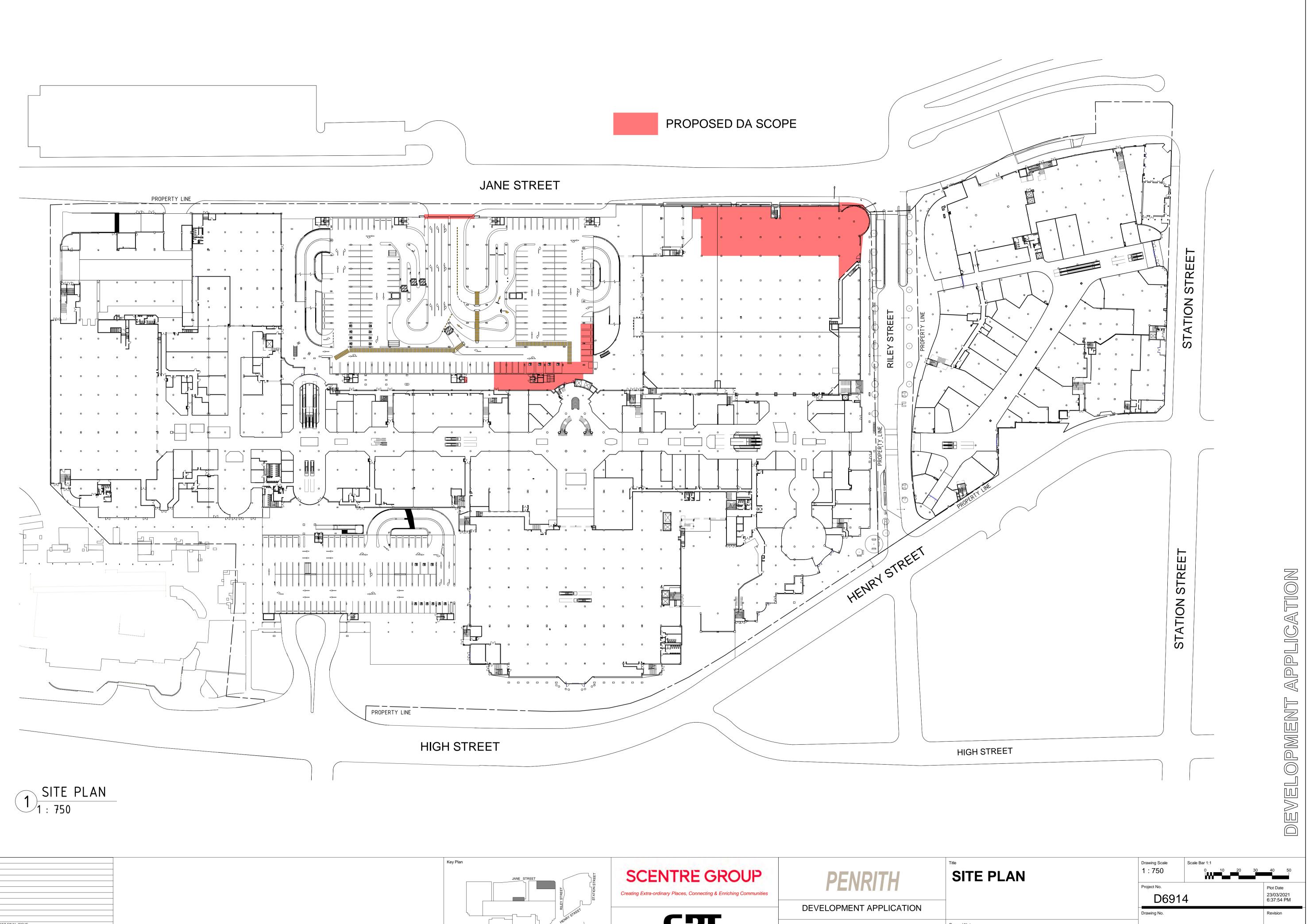
Sampling and chemical analysis of environmental media is based on appropriate guidance documents made and approved by the relevant regulatory authorities. Conclusions arising from the review and assessment of environmental data are based on the sampling and analysis considered appropriate based on the regulatory requirements.

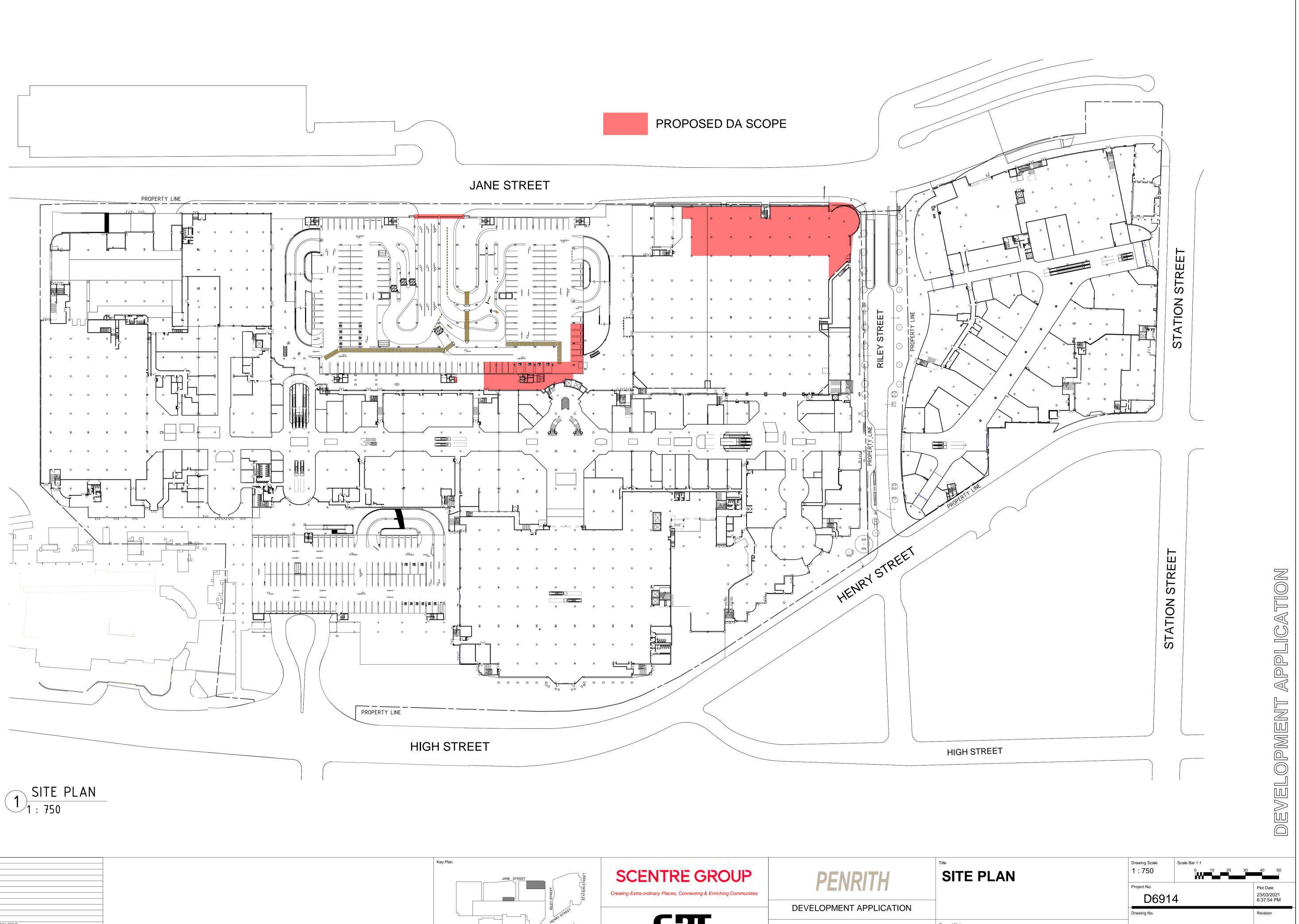
Limited sampling and laboratory analyses were undertaken as part of the investigations undertaken, as described herein. Ground conditions between sampling locations and media may vary, and this should be considered when extrapolating between sampling points. Chemical analytes are based on the information detailed in the site history. Further chemicals or categories of chemicals may exist at the site, which were not identified in the site history and which may not be expected at the site.

Changes to the subsurface conditions may occur subsequent to the investigations described herein, through natural processes or through the intentional or accidental addition of contaminants. The conclusions and recommendations reached in this report are based on the information obtained at the time of the investigations.

This report does not provide a complete assessment of the environmental status of the site, and it is limited to the scope defined herein. Should information become available regarding conditions at the site including previously unknown sources of contamination, JBS&G reserves the right to review the report in the context of the additional information.

# Attachment 2 – Site Plans



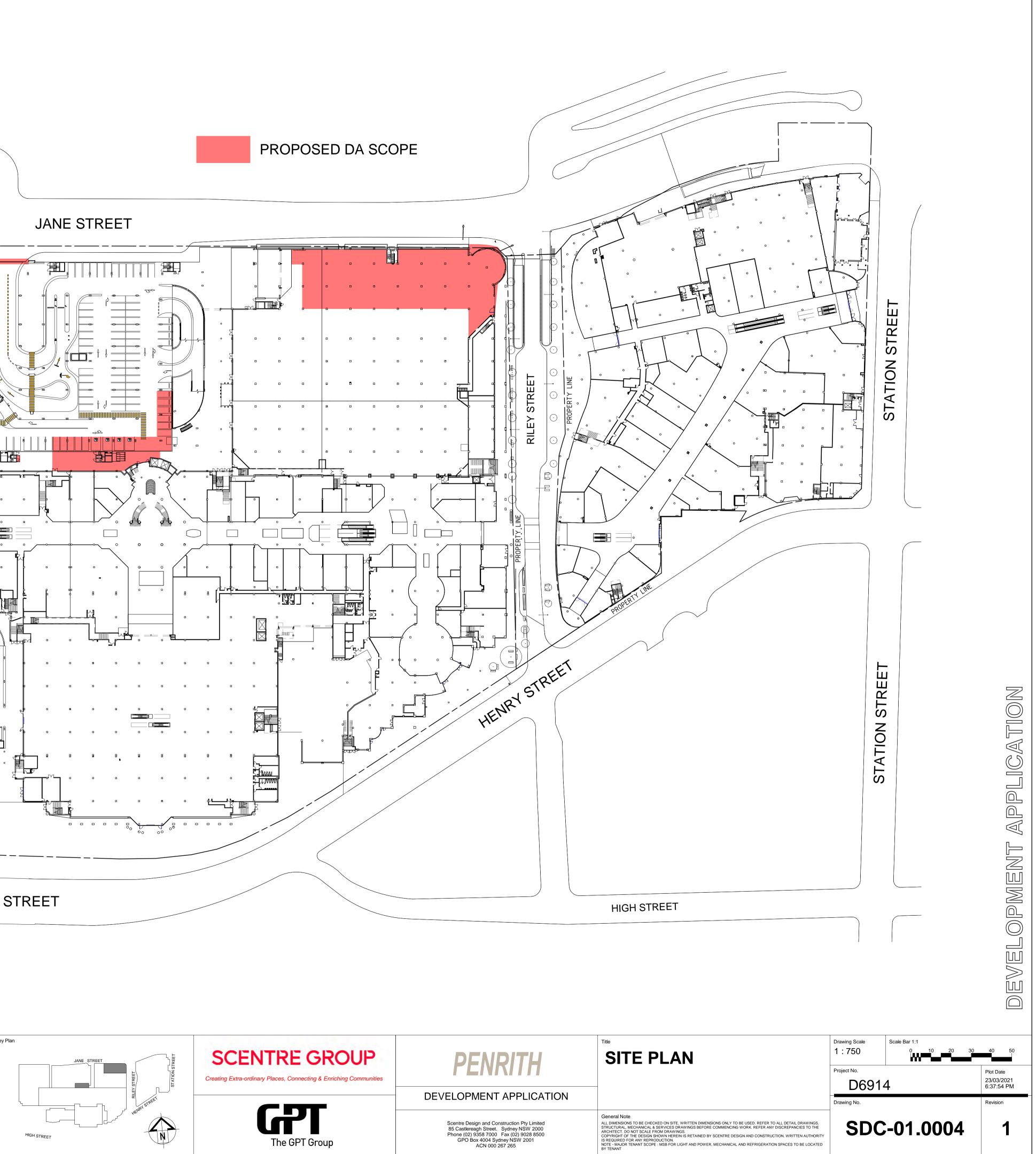


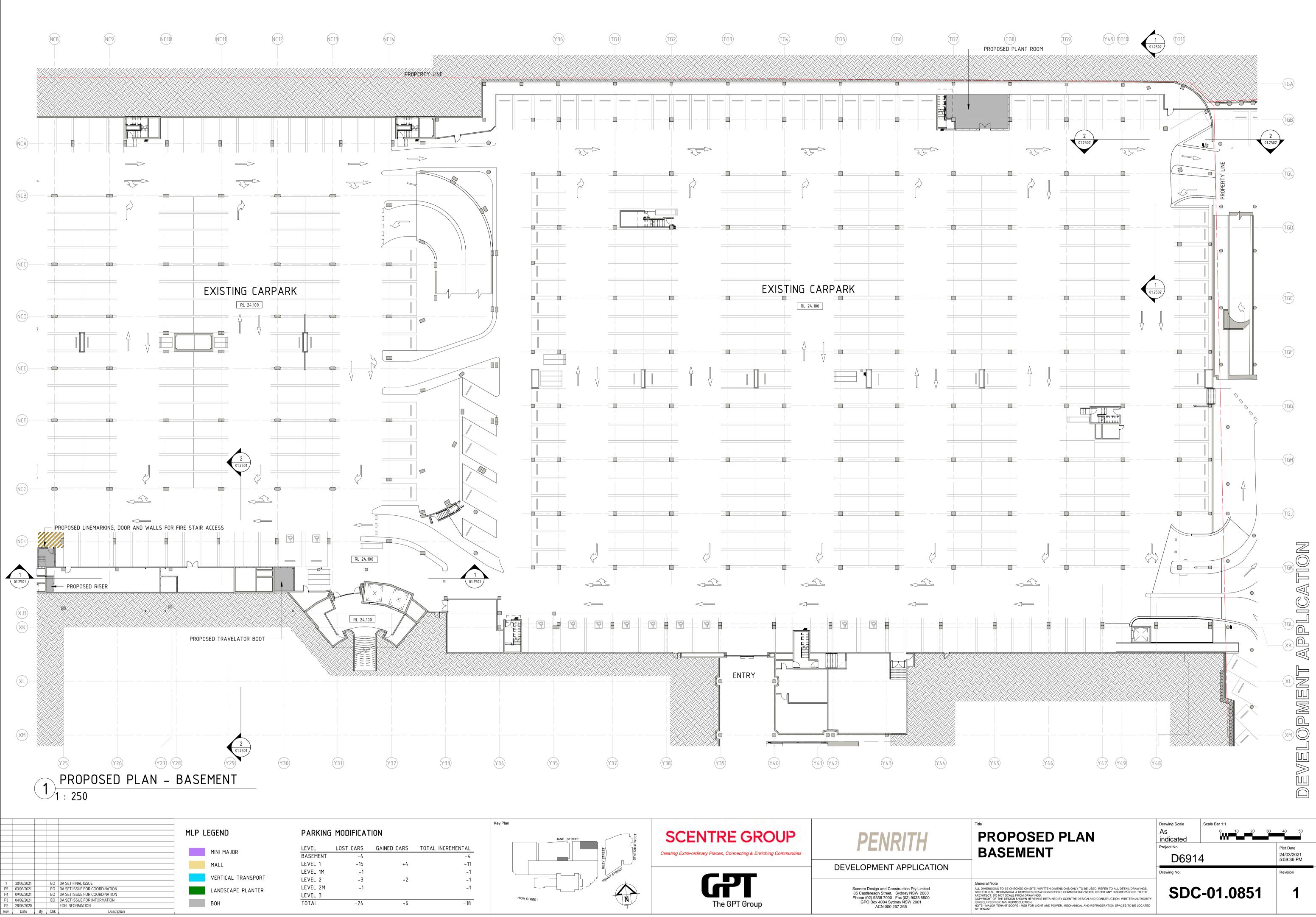


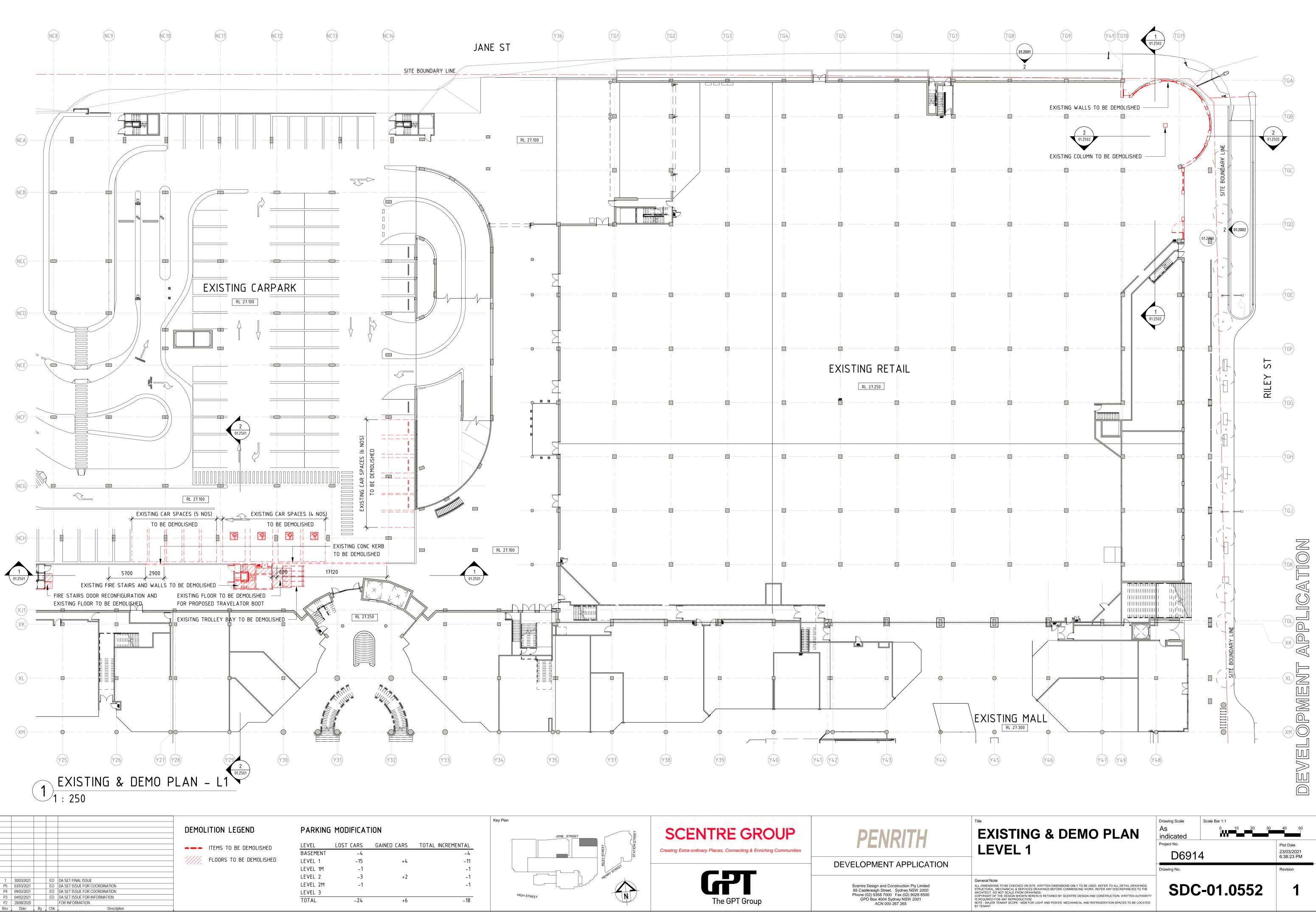
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P4	09/02/2021		EO	DA SET ISSUE FOR COORDINATION
P3	04/02/2021		EO	DA SET ISSUE FOR INFORMATION
P2	28/08/2020			FOR INFORMATION
Rev.	Date	Ву	Chk	Description

Version: 1, Version Date: 01/04/2021



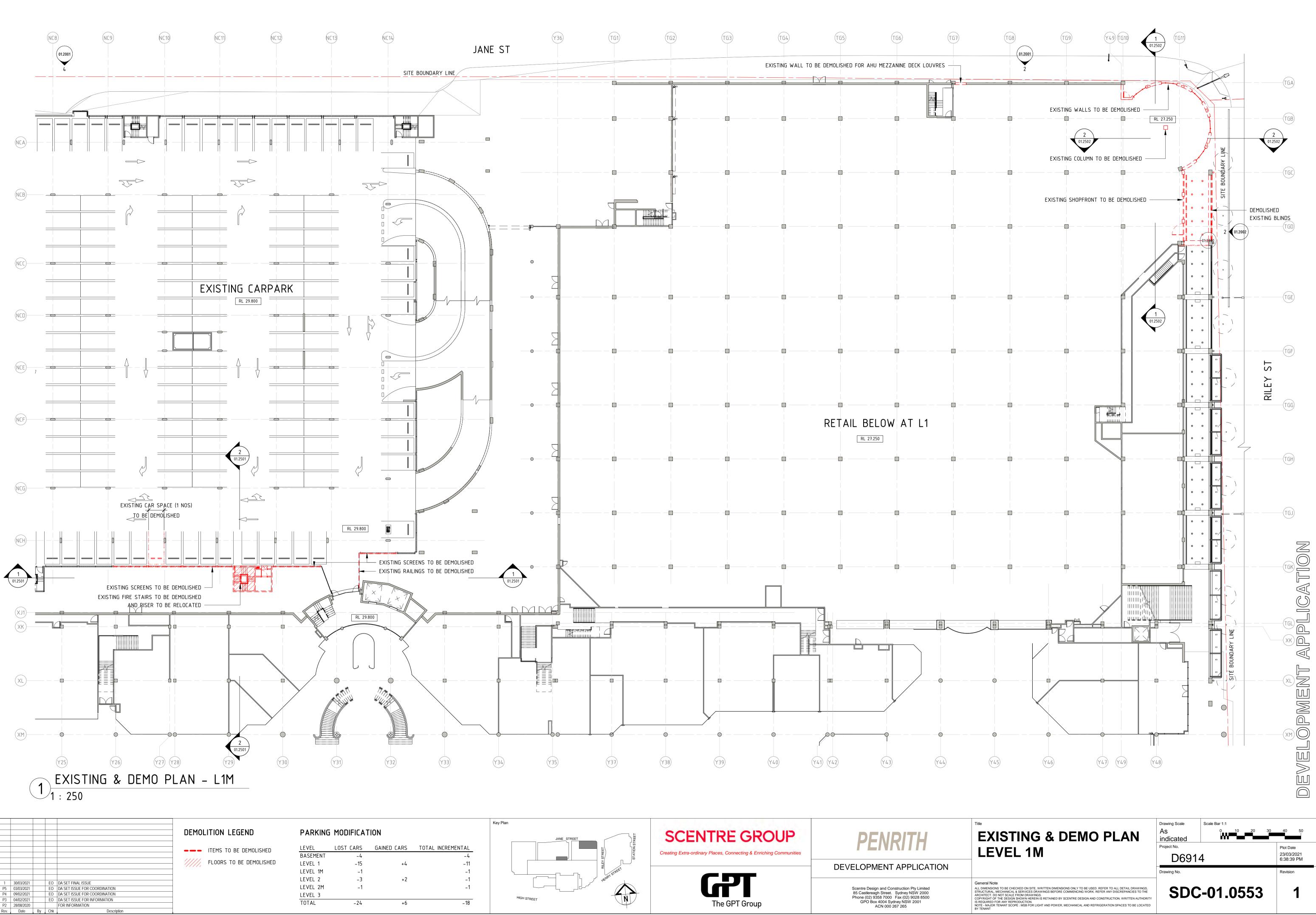






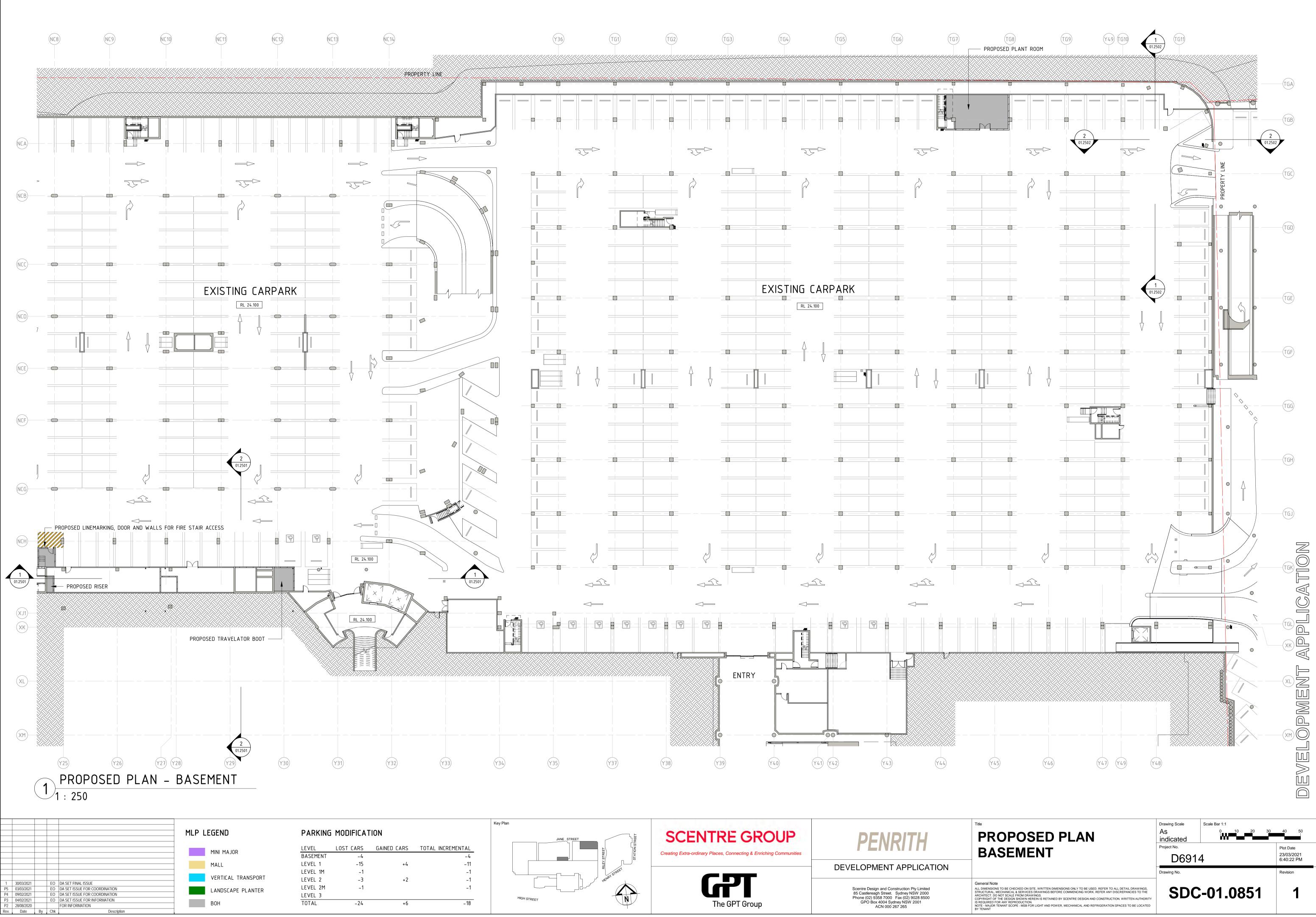
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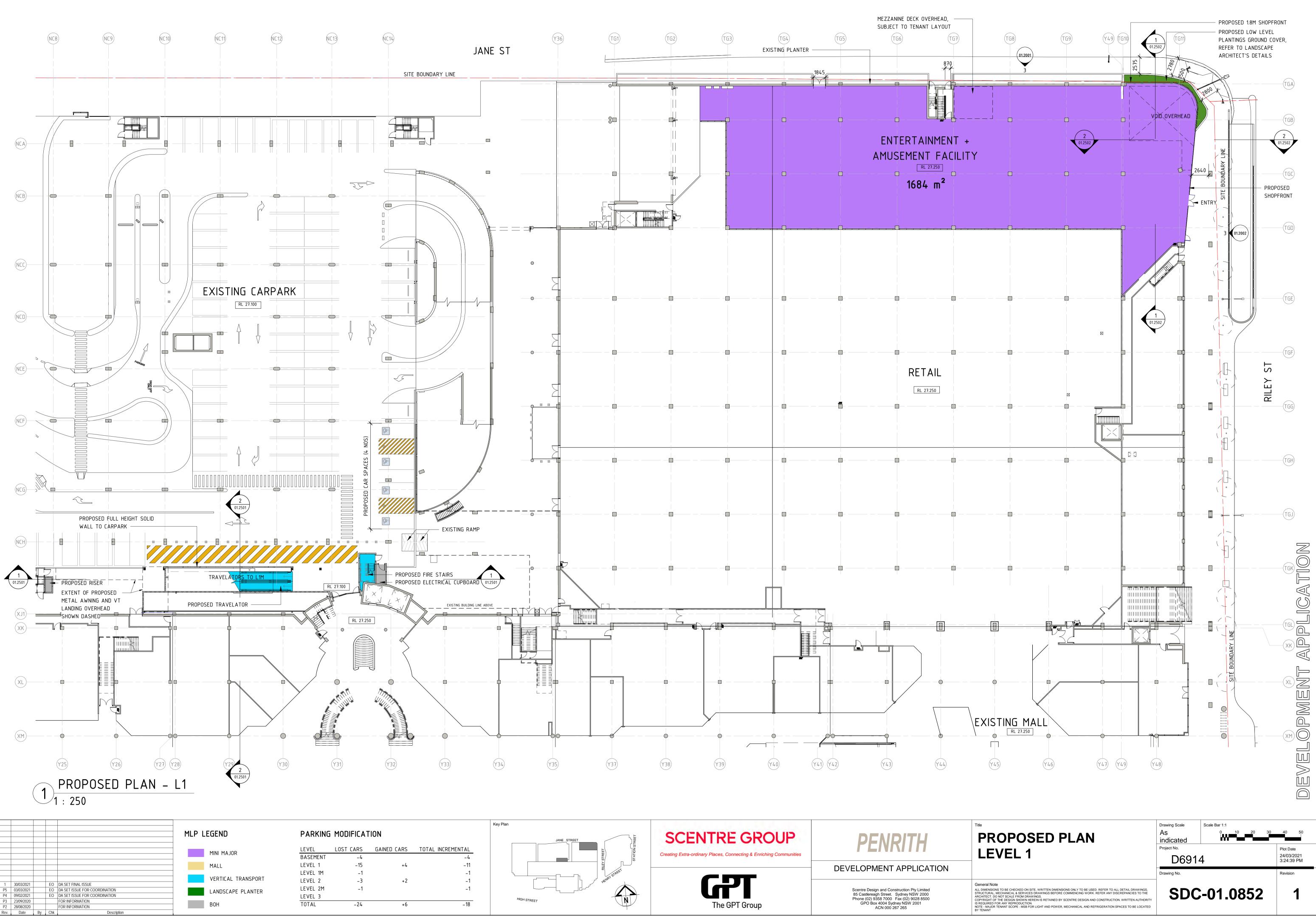
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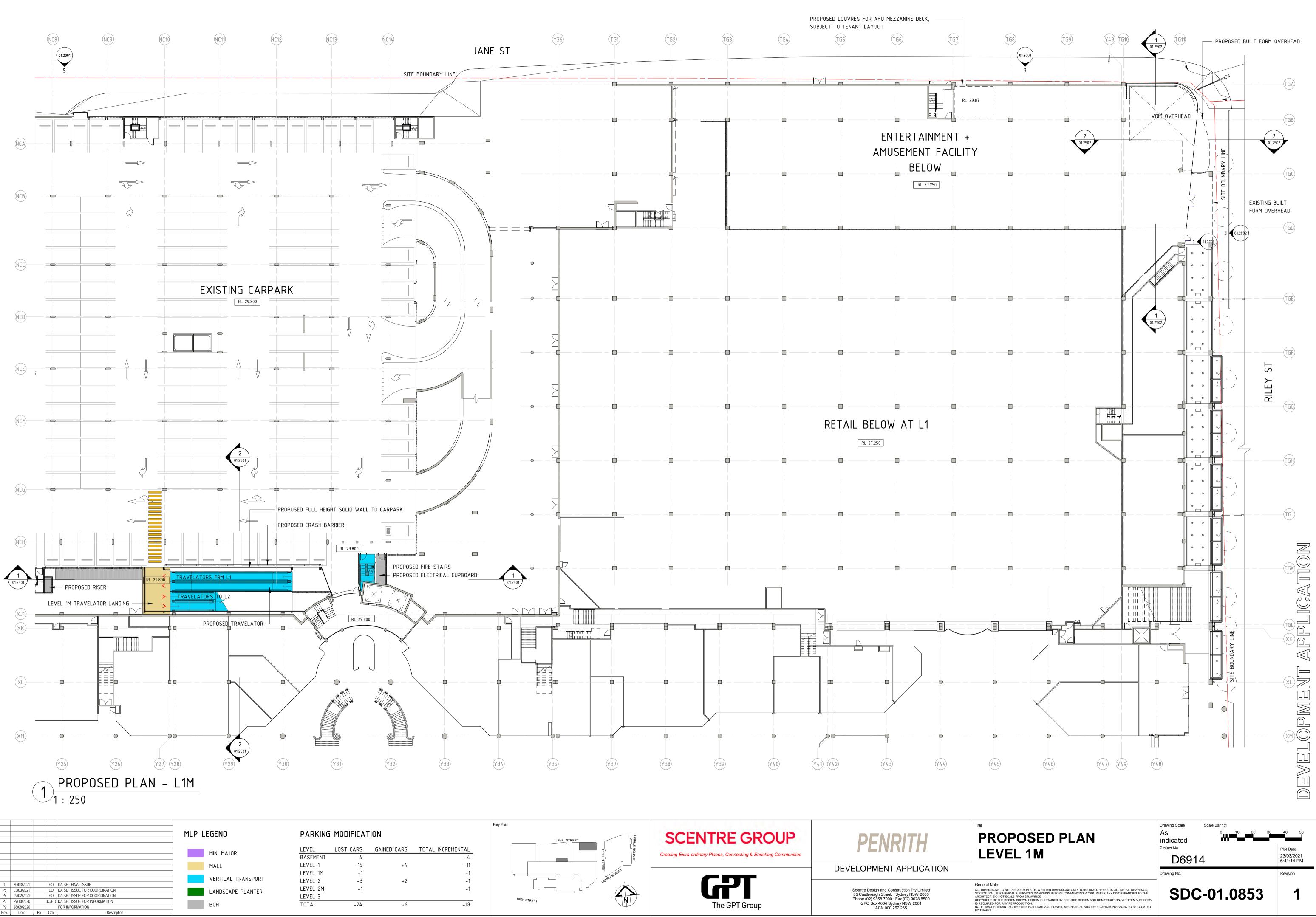
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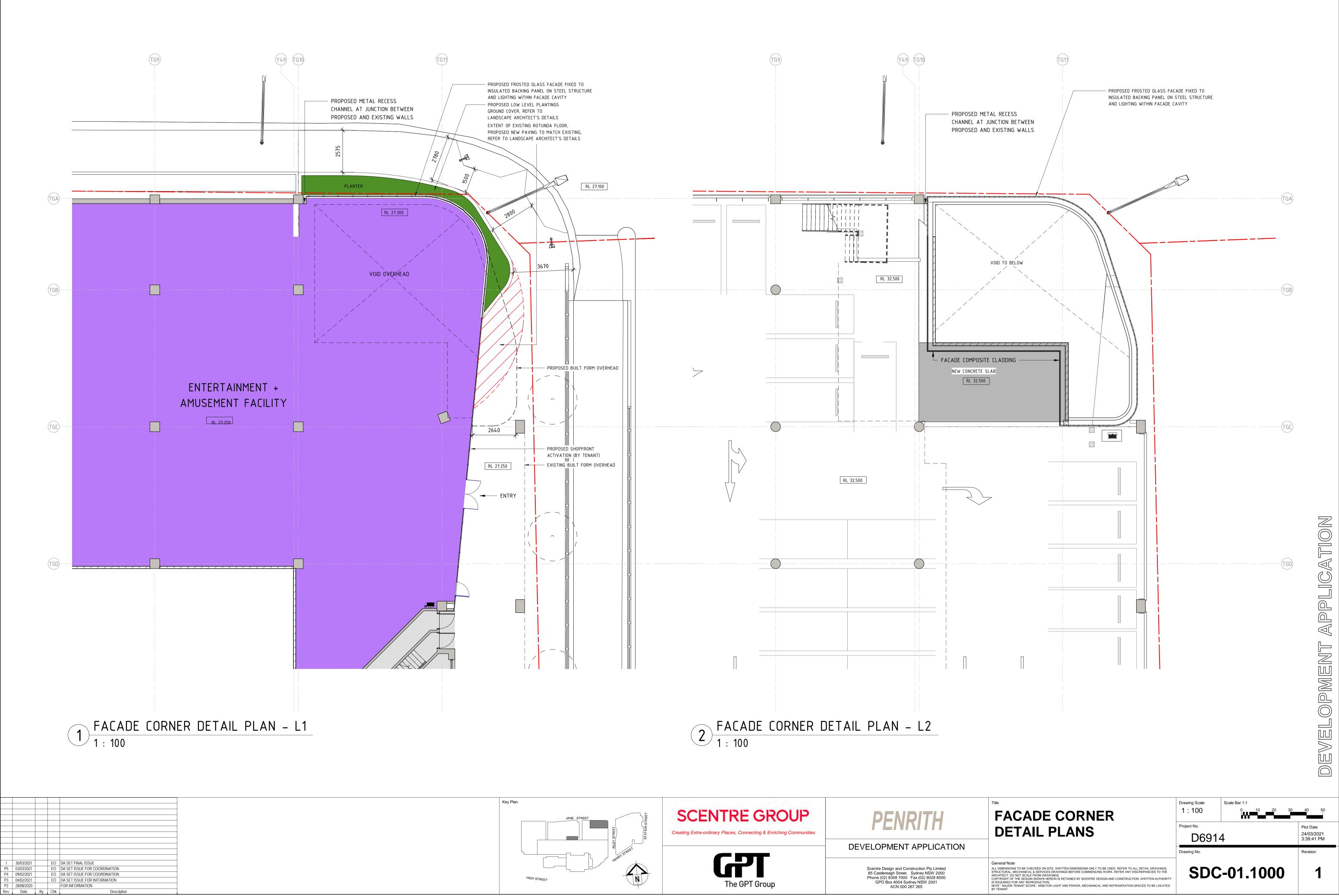
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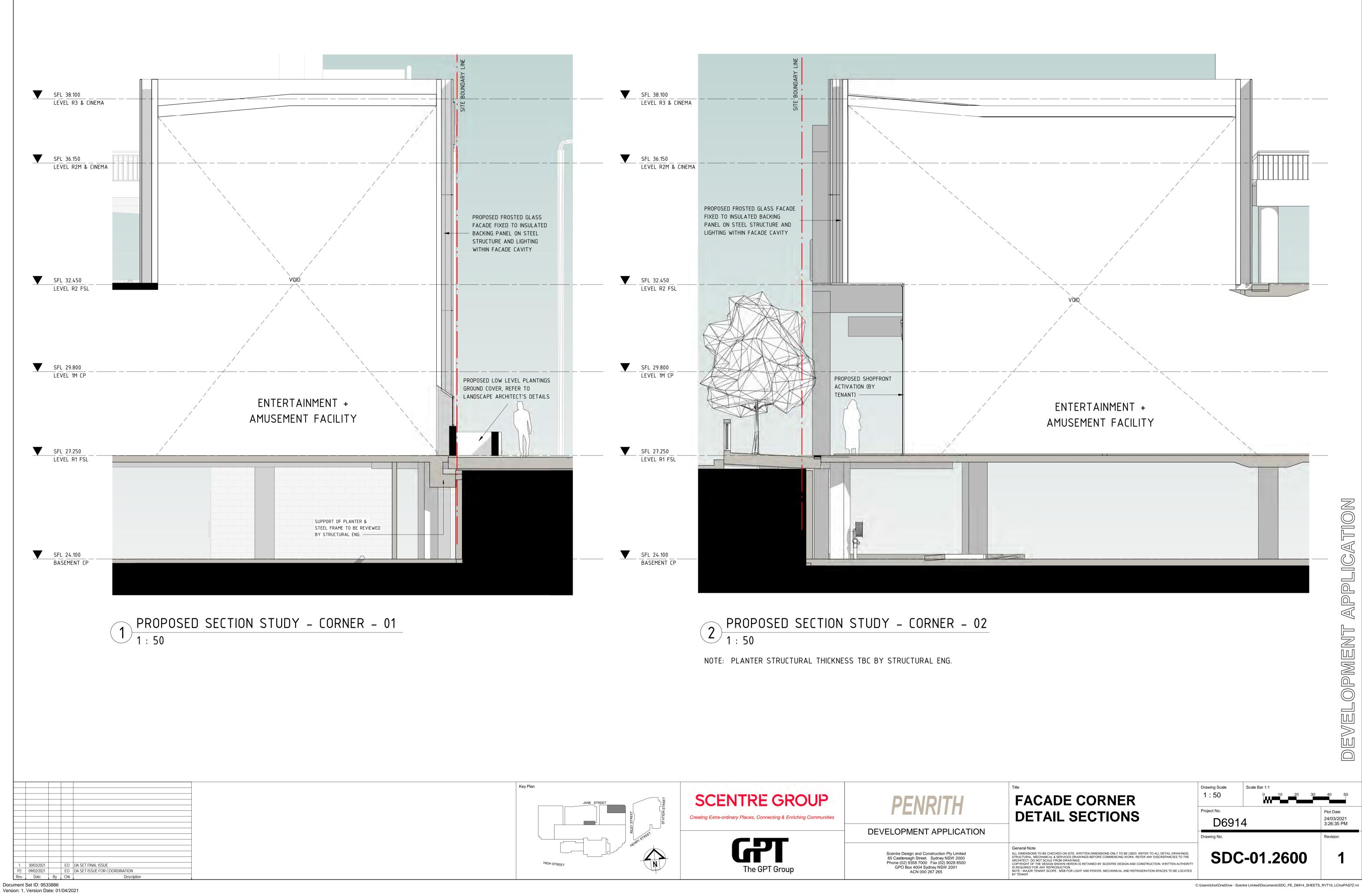


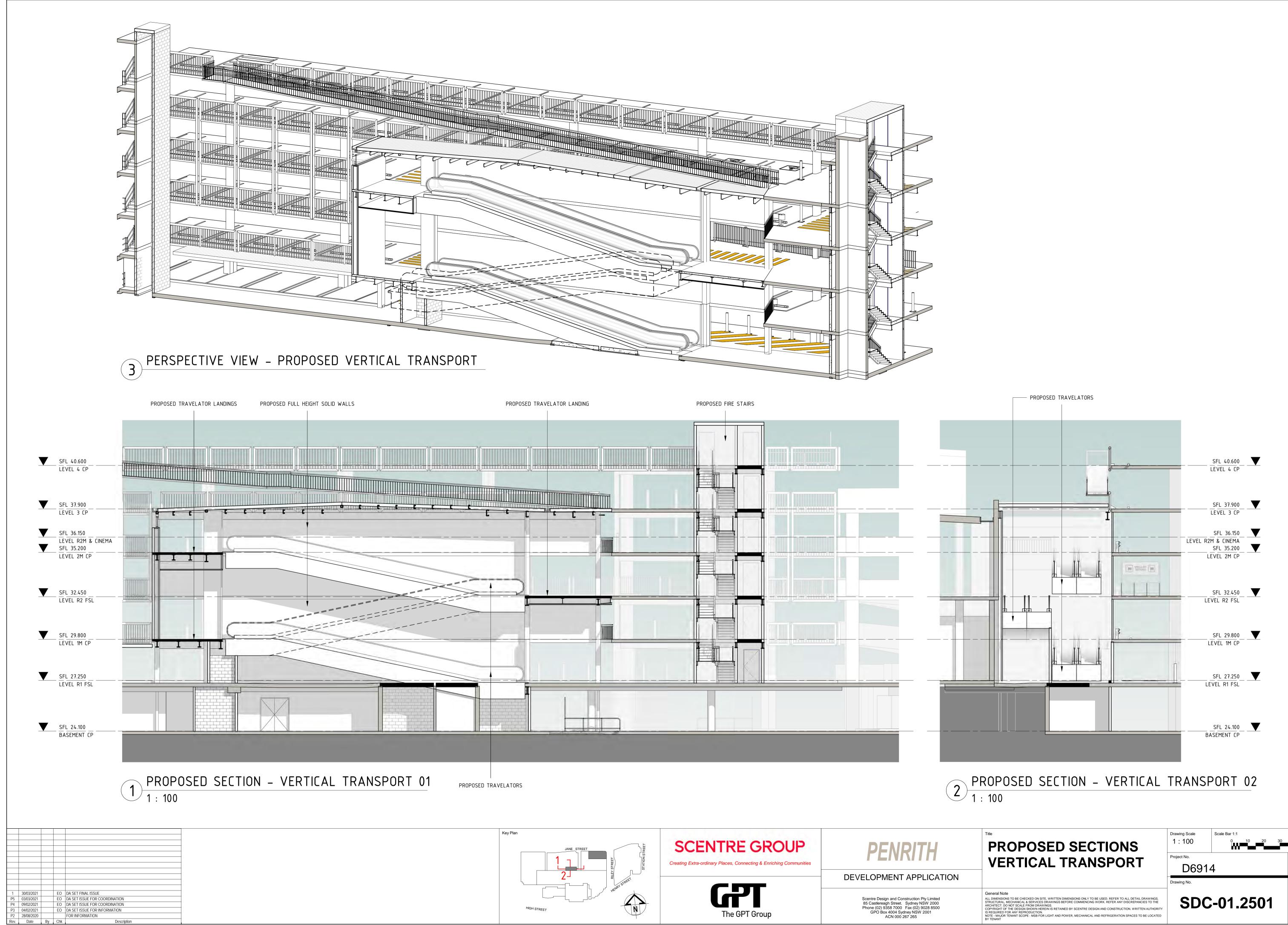


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Version: 1, Version Date: 01/04/2021

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APPLICATION

DEVELOPMENT