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|---------------|--------------------------------------|-------|-------------------------|
| To:           | Schools Infrastructure NSW<br>Sydney | From: | Stantec<br>St. Leonards |
| Project/File: | 300305639                            | Date: | 4 September 2024        |

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**Reference: Sutherland Public School Hall Parking Review**

# 1 Introduction

Stantec was commissioned by the School Infrastructure New South Wales (NSW), Department of Education to conduct the parking study for the proposed Sutherland Public School Hall project and to provide the transport related advice on the Rapid Transport Assessment (RTA).

## 1.1 Project Details

A new multipurpose hall and Covered Outdoor Learning Area (COLA) are proposed for construction at Sutherland Public School. These facilities will serve various purposes, including events, assemblies, performances, and sports activities, ensuring that growing communities have access to world-class public education infrastructure. This upgrade will address the long-standing need for a proper school hall, enabling the 340 students to conduct assemblies and large indoor events on-site, eliminating the need for off-site locations.

Based on the Sutherland Public School New Multi-purpose Hall Master Plan report the proposed hall will be situated on the western boundary between two heritage-listed buildings: Building B (1892) and Building A (1929). The facility will encompass:

- Storage areas
- Amenities
- Disabled WC and shower
- Out of School Hours Care (OSHC) office/store
- Canteen with associated store/office
- Garden store
- Covered walkways
- Landscaping
- COLA

The total overall area of the development is projected to be 574 square metres. The existing structure at the proposed hall location will be demolished. The pedestrian entrance to the hall is planned to be from Eton Street. The proposed works are shown in Figure 1-1.



The parking study includes a capacity analysis, assessing current parking availability and projecting future parking demands based on the expected usage of the proposed hall.

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## 2 Parking assessment

### 2.1 Existing supply

The school currently provides 23 on-site car parking spaces and 2 motorcycle parking spaces located along the north-western boundary and adjacent to western side of Building B (Figure 2-1). Additionally, 17 more on-site spaces have recently been converted into parking located along the eastern side of Building B and the northeastern boundary of the school, as illustrated in Figures 2-1. In total, the car parking capacity amounts to 40 spaces. The school parking is exclusively provided for the staff. As of 2023, the full-time equivalent staff employed at Sutherland Public School is 20.5. The existing parking facilities are deemed adequate under the current circumstances.



**Figure 2-1: Existing Parking Spaces**

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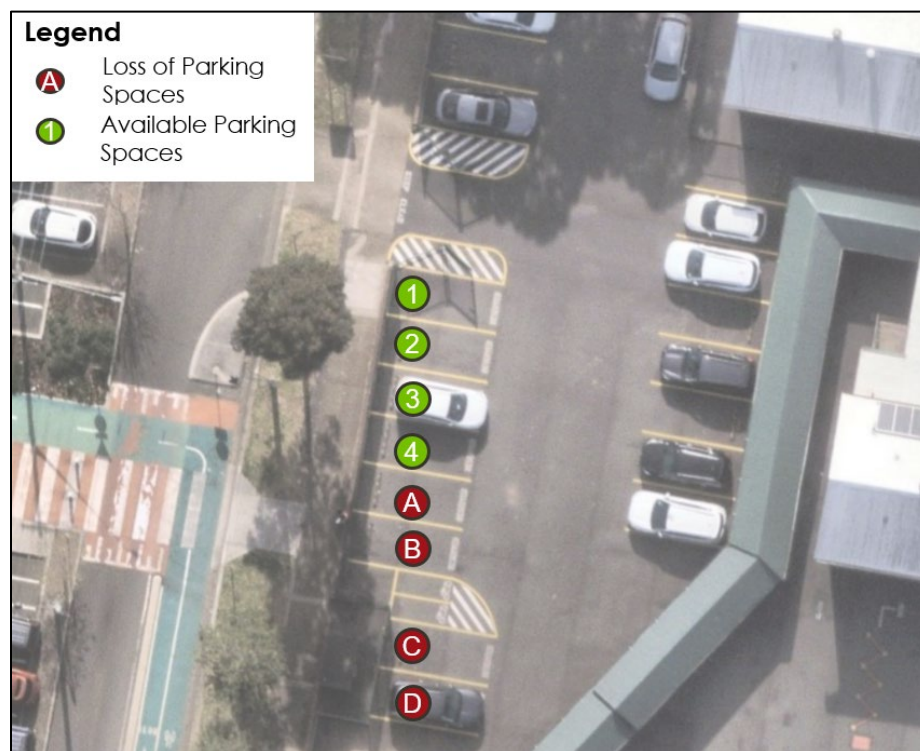
## 2.2 Development Control Plan requirements

The Sutherland Shire Council Development Control Plan (DCP, 2015) does not specify explicit parking space requirements for educational establishments. Instead, it recommends conducting a traffic study in certain circumstances (Section 1, Table 1: Car Parking Numbers). Specifically, the DCP stipulates (section 1.2, no. 5) that a Traffic Report must be prepared when:

- Car parking requirements for a proposed development are not enumerated in the DCP.
- The development proposal presents unique traffic and parking considerations.
- The development is classified as Traffic Generating Development.

Whilst the project does not present unique traffic and parking considerations nor does it generate additional traffic, this approach allows for a more tailored assessment of parking needs based on the specific characteristics and potential impacts of each educational establishment project.

## 2.3 Assessment

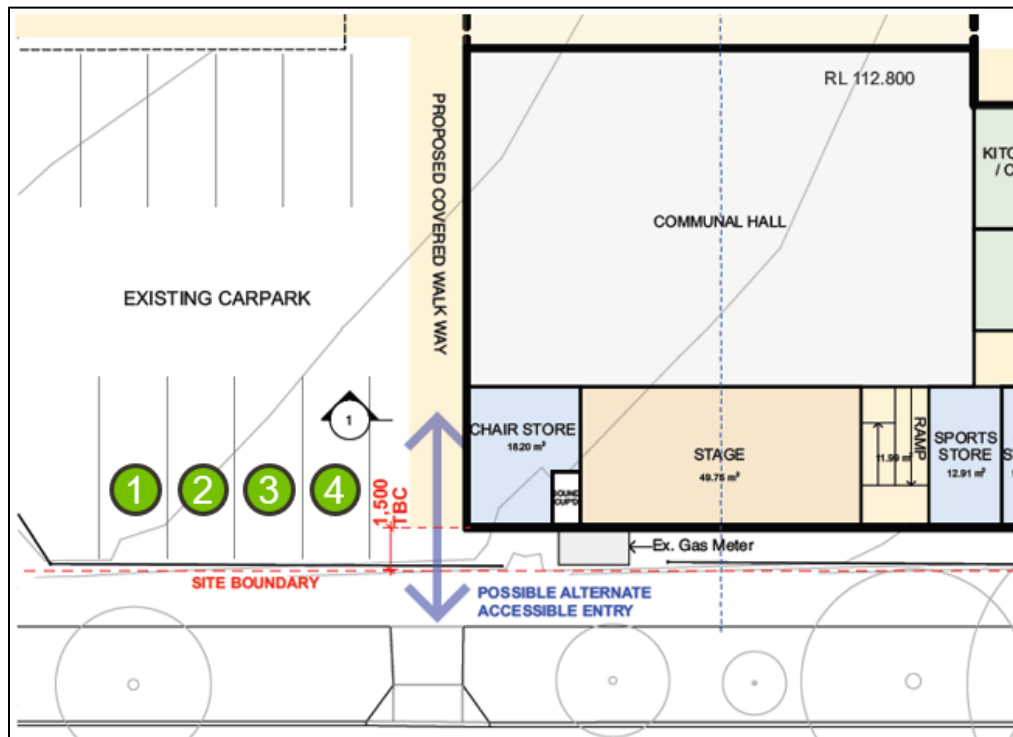


**Figure 2-2: Effect of the hall proposal on the southeast part of the existing parking.**

Considering the staff number, the existing parking demand is 21. As mentioned above, the project will result in the loss of four off-street parking spaces (Figure 2-2). Four parking spaces will be available in the

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southeast part instead of eight parking spaces (Figure 2-3). There will be total 19 parking spaces available at the north-western parking lot as a result of the hall proposal.



**Figure 2-3: Available parking spaces at the southeast part of the existing parking**

### 3 Proposed Parking Demands

The proposed development will result in a decrease in the number of available parking spaces. However, the projected impact is anticipated to be negligible due to the current parking demand and the relatively small number of spaces being eliminated. The recent addition of 17 parking spaces adequately compensates for the loss of the two existing spaces, consequently, no additional parking spaces are required.

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## 4 Recommendations of Rapid Transport Assessment (RTA)

The 'Lite' Rapid Transport Assessment Sutherland Public School report of New South Wales Department of Education (dated 3<sup>rd</sup> September 2024) recommended two critical safety enhancements for students:

1. Installation of a wombat pedestrian crossing on Merton Street near Flora Street.
2. Installation of a wombat pedestrian crossing on Merton Street near President Avenue.

The proposed wombat crossing on Merton Street near Flora Street is projected to benefit up to 66 students, accounting for 20% of the total student population and the proposed wombat crossing on the southern part of Merton Street near President Avenue is expected to benefit up to 50 students, representing 15% of the total student population. A 2019 survey revealed that 60% of students walk to school. Therefore, these wombat crossings would enhance safety for more than half of the students who primarily walk to school.

Wombat crossings have demonstrated significant effectiveness in reducing pedestrian casualties on urban roads, making them a valuable safety measure for school environments. These raised pedestrian crossings increase visibility for approaching drivers and slow down traffic, thereby enhancing pedestrian safety.

The installation of a wombat pedestrian crossings on Merton Street near Flora Street and Merton Street near President Avenue could provide safety benefits and a potential positive impact on student welfare and its implementation should be considered as part of wider pedestrian infrastructure improvements.

Best regards,

**STANTEC AUSTRALIA PTY LTD**



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