TRAFFIX
TRAFFIC & TRANSPORT PLANNERS

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Reference: 20.132r04v01

4 December 2020

Mostyn Copper Group
Suite 2, Level 8
60 Pitt Street
SYDNEY NSW 2000

Attention: Mr Ryan Carroll

Re: Oakhill College Innovation Hub
Response to Request for Information

Dear Ryan,

We refer to the subject property and proposed innovation hub development. TRAFFIX has been forwarded comments from Hornsby Shire Council concerning the proposal.

TRAFFIX has reviewed all relevant comments and has responded to each issue below. This is with reference to the Traffic Impact Assessment (TIA) report, which accompanied the Development Application (Ref: 20.132r02v02 dated 24 June 2020) and the subsequent RFI Letter (Ref: 20.132r03v02 dated 29 September 2020).

Council Query

Council has requested the maximum number of students of driving age, not the average, as this figure is required to assess the required number of spaces.

TRAFFIX Response:

As of September 2020, the number of students of driving age was 317 students, as advised by the College. This is considered the maximum number on-site at any one time, noting that Year 12 students commence their High School Certificate examination period at the end of September.

The Hornsby Council DCP nominally requires educational establishments to provide 1 parking space per full time teacher and 1 parking space per 2 students of driving age. It should be noted that the DCP does not specify when this driving age assessment should be undertaken.

Nevertheless, as mentioned previously, there are 122 full time teachers at the College. Application of Council's parking rates to 122 FTE teachers and 317 driving age students requires the college to provide 281 parking spaces.

It is noted that the college currently provides 295 parking spaces (including car park A) and that 63 spaces will be removed to accommodate the proposed innovation hub development. This results in a net parking supply of 232 spaces, 49 spaces short of the DCP requirement.

In order to address the concerns of Council and residents the school proposes to create an additional 52 parking spaces on-site to ensure the DCP parking rate is met. The propose car park will be situation adjacent the administration building, which is sealed and appropriate for a car parking area. A sketch of the proposed car park layout is presented in **Attachment 1**. The proposed car park includes the following:

- Provision of 53 Class 1A parking spaces, having a minimum width of 2.4m, length of 5.4m and an aisle width of 5.8m.
- Removal of a single parking space and hatched area to provide an entrance to the car park.

In summary, the proposal provides the College an additional 52 car parking spaces on-site, a surplus of three (3) spaces over the minimum DCP requirements. As such, all normal parking demands will be accommodated on-site.

We trust the above is of assistance and please contact the undersigned should you have any queries.

Yours faithfully,

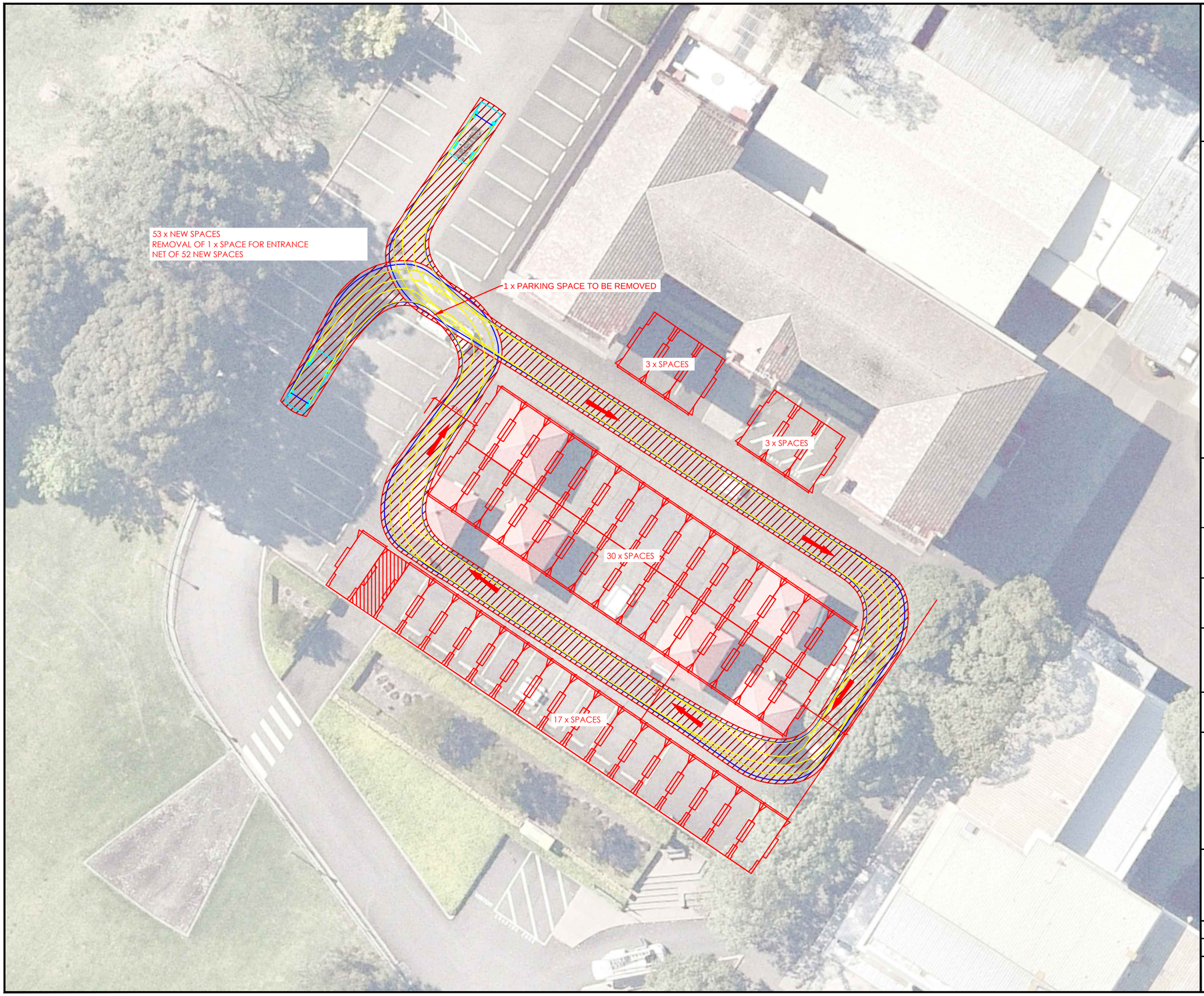
Traffix

Ben Liddell
Senior Engineer

Encl: Attachment 1 – Carpark Sketch Plan

ATTACHMENT 1

Carpark Sketch Plan



Notes:

This drawing is prepared for information purposes only. It is not to be used for construction.

TRAFFIX is responsible for vehicle swept path diagrams and/or drawing mark-ups only. Base drawing prepared by others.

Vehicle swept path diagrams prepared using computer generated turning path software and associated CAD drawing platforms. Vehicle data based upon relevant Australian Standards (*AS/NZS 2890.1:2004 Parking facilities - Off-street car parking*, and/or *AS2890.2:2002 Parking facilities - Off-street commercial vehicle facilities*). These standards embody a degree of tolerance, however the vehicle characteristics in these standards represent a suitable design vehicle and do not account for all variations in vehicle dimensions / specifications and/or driver ability or behaviour.

Rev.	Revision Note	By.	Date
A	Concept Design	KY	1/12/20

Swept Path Legend

- Wheel Path
- Vehicle Body Envelope
- Clearance Envelope (300mm)

Architect

Client
MostynCopper

Scale / Plan Orientation

0 3 6 9 12m
1:300 @ A3

Project Description
Oakhill College Innovation Hub

Drawing Prepared By

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Drawing Title
Swept Path Analysis
B99 Vehicle
Internal Circulation

Drawn:	Checked:	Date:
KY	BL	01/12/20

20.132d01v05 TRAFFIX Design Review.dwg

Project No.	Drawing Phase	Drawing No.	Rev.
20.132	DA	SK.01	A