

1 October 2008

Michael File
Director
Strategic Assessments
Department of Planning
23-33 Bridge St
Sydney NSW 2001

Dear Michael,

RE: Cochlear Project Application

Macquarie University (MQ) writes in support of the Project Application and subsequent Preferred Project Report for the Cochlear Global Headquarters, Stage 1. It is clear that the concurrent submission, consultation and approval process of the Macquarie University Concept Plan (MUCP) includes additional works which support the holistic application of the planning and development principles applied to the Cochlear submission.

The additional works identified to be carried out by the University as part of its Concept Plan review are:

EXTERNAL INTERSECTION WORKS

Macquarie University acknowledge that the proposed upgrade works at the intersection of Waterloo Road/Herring Road will be incorporated into the revised TMAP, currently being prepared for the MUCP. Macquarie University have undertaken to include the proposed works in the Memorandum of Understanding (MoU) for the MQ and City of Ryde (CoR) and Department of Planning (DoP) Voluntary Planning Agreement's (VPA).

INTERNAL ROADWORKS

The removal of the subject roundabout at University Avenue/Central Avenue and relocation of the bus stop, with associated bus stop pedestrian facilities, will be investigated through the MUCP TMAP Review. Recommendations in relation to internal road circulation within the University and provision of bus only links and improved pedestrian facilities have been put to the MQ as part of the agency stakeholder submissions for the MUCP. MQ will consider these recommendations as part of the TMAP review.

The TMAP will consider the staging of other proposed works such as the removal of the multi-storey car parks to the north of the site. These recommendations will be considered as part of the overall proposed access routes (vehicular and pedestrian) for the whole University Campus. It is therefore not appropriate for carparking to be considered in isolation as part of this one development.

Dale Clark

Project Director

OFFICE OF THE DEPUTY VICE-CHANCELLOR & CHIEF OPERATING OFFICER

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MQ acknowledge the need to consider these issues as part of the MUCP TMAP Review.

This will include an assessment of the intersection of University Avenue and Central Avenue using the intersection modelling program SIDRA to ascertain whether the intersection can operate adequately as a priority-control T-junction. To address the potential removal of the bus stop, consultation with the Ministry of Transport and State Transit Authority (STA) is in process, to develop a concept design for the bus stop and pedestrian access.

MODE SHARE TARGETS and TRAVEL DEMAND MANAGEMENT

MQ will carry out an analysis of the 2006 Journey to work data as part of the MUCP TMAP review. This information will feed into the preparation of mode share targets (MSTs) that will ensure the University Campus is consistent with other MSTs in the Macquarie Park Corridor. The analysis would also set a baseline for monitoring the mode shift resulting from public transport improvements such as the new rail stations and improved bus and cycle networks.

Macquarie University through its Project Application for the MUCP has been asked by the Department of Planning to establish a MST for the Macquarie University Campus consistent with the Macquarie Park Traffic Study.

CAR PARKING REQUIREMENTS

The net impact on car parking resulting from all proposed developments on the University site would be best co-ordinated and addressed in the MUCP.

CYCLING REQUIREMENTS

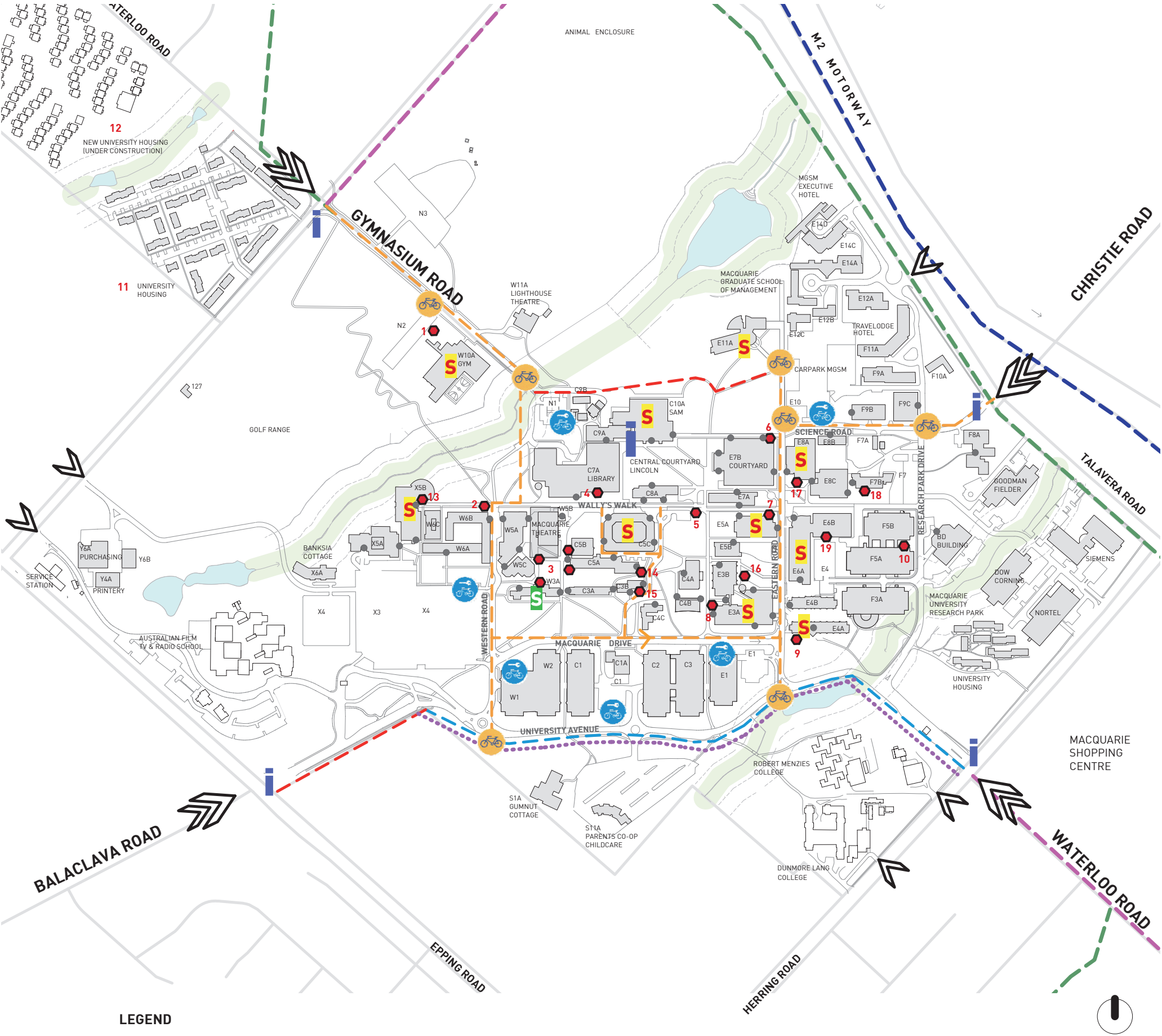
To assist staff to use sustainable travel from the first day of occupation, consultation will be undertaken with MQ regarding the early implementation of the proposed off-road segregated bicycle path along University Avenue as shown in Short Term Option of Macquarie University Bicycle Network Masterplan. Refer to attached plan.

Should the department require any further confirmation or details from MQ please do not hesitate to contact me directly on 9850 4898.

Regards



Dale Clark
Director, Office of Major Projects
Macquarie University



LEGEND



PRIMARY ACCESS



SECONDARY ACCESS



CYCLE INFO (MAP + BROCHURE)
(IN SAM BUILDING)



PROPOSED BICYCLE RAILS
WITHIN CENTRALLY
LOCATED ENCLOSURES



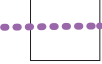
PROPOSED BICYCLE RAILS
AT MAIN ENTRANCES



DIRECTIONAL SIGNAGE
OF BICYCLE ROUTES



PROPOSED OFF-ROAD
SEGREGATED BICYCLE PATH



PROPOSED PEDESTRIAN FOOTPATH



PROPOSED SHOWER FACILITIES



EXISTING SHOWER FACILITIES
(IMPROVED ACCESS)



EXISTING ON-ROAD
MARKED BICYCLE ROUTES



EXISTING OFF-ROAD
MARKED BICYCLE ROUTES



BUILDING ENTRANCE
LOCATIONS



BICYCLE ROUTES



PROPOSED SHARED PATH



FUTURE BICYCLE ROAD

The following details list what is proposed in the way of parking:

Location:

- 1: install 6 new rails (capacity for 12 bicycles)
- 2: install 5 new rails (capacity for 10 bicycles)
- 3: install 4 x 5 new rails (capacity for 40 bicycles)
- 4: existing rail (capacity for 15 bicycles)
- 5: existing rail (capacity for 15 bicycles)
- 6: existing rails replace with 20 new rails (capacity for 40 bicycles)
- 7: install 5 new rails (capacity for 10 bicycles)
- 8: existing 5 rails install additional 5 rails (capacity for 20 bicycles)
- 9: existing rail (capacity for 15 bicycles)
- 10: existing lockers (capacity for 12 bicycles)
- 11: install 50 lockers (dispersed and/or grouped together locations to be confirmed)
- 12: install 50 lockers (dispersed and/or grouped together locations to be confirmed)
- 13: install 5 new rails (capacity for 10 bicycles)
- 14: install 5 new rails (capacity for 10 bicycles)
- 15: install 5 new rails (capacity for 10 bicycles)
- 16: install 5 new rails (capacity for 10 bicycles)
- 17: install 5 new rails (capacity for 10 bicycles)
- 18: install 5 new rails (capacity for 10 bicycles)
- 19: install 6 new rails (capacity for 12 bicycles)

Each of the 6 bicycle parking enclosures will have the capacity to store 32 bicycles (replacing 4 car park spaces) plus an additional 4 rails (capacity 8 bicycles) outside of the enclosure (for visitors, etc).

This results in a capacity to secure approximately **600 bicycles**.