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To whom it may concern

**Sydney Metro Martin Place
Integrated Station Development
North Tower SSD DA Stage 2
Ecologically Sustainable Design (ESD), Green Star and NABERS**

6.II Illustrate how the detailed design proposals explore opportunities to meet stretch ESD targets as required by future environmental assessment requirement of the Concept Approval (SSD 8351)

Concept Approval condition A13.p

The detailed design of buildings on the North and South Sites shall:

- *explore and incorporate all opportunities to achieve both the base and stretch targets in the Ecologically Sustainable Design, Green Star and NABERS report, prepared by ARUP, dated 24 November 2017*
- *explore opportunities to exceed the stated ESD and environmental performance standards, targets and stretch targets, having regard to identifying precinct-wide sustainability outcomes to achieve and exceed national and international best practice.*

The stretch targets in the Ecologically Sustainable Design, Green Star and NABERS report, prepared by ARUP, dated 24 November 2017 are as follows:

1. Precinct-wide greening strategies
2. Digital infrastructure
3. Community facilities

Potential opportunities to achieve the ESD stretch targets currently being explored are as follows:

1. Precinct-wide greening strategies
 - a. Incorporation of native edible plants specific to the area on Level 10 terraces.
 - b. Establishment of an education program in relation to the edible native plants incorporating both cultivation and usage.

- c. Inclusion of a plant library – a place for building occupants to borrow, return and care for plants on Level 10 terraces.
- 2. Digital infrastructure
 - a. Mobile apps for example: monitoring; wayfinding; advertising public events on site, artworks, or social groups between companies and the broader community.
 - b. Innovation, knowledge and gamification enablement through the use of digital infrastructure.
 - c. Building access technologies such as biometrics.
 - d. Digital noticeboards, installations and possibly interactive artworks incorporating curated content from the broader community.
 - e. Interactive information screens throughout the precinct.

Example strategies for the provision for digital infrastructure within the development are as follows:

- Mobile wayfinding enabled through Location Based Service Access Points within the building.
- The transmission of data to and from digital signboards and interactive artworks.

Technologies will continue to be trialled through design development to enable the best outcomes for the project.

- 3. Community facilities
 - a. Availability of learning and event spaces out of hours for not for profit and social enterprise use.
 - b. Music room amenity made available to the public for use by groups such as community choirs.
 - c. Within the North Tower, exhibition or gallery space to be incorporated to make Macquarie Group art collection available and accessible and / or to contextualise the precinct by explaining both its significance to Australia's first people and its more recent civic history.

Yours sincerely



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Associate