

An architectural rendering of a tall, modern skyscraper with a glass and metal facade, featuring a distinctive stepped top. The building is situated in an urban environment, flanked by older, brick-clad structures. The foreground shows a city street with pedestrians, a cyclist, and cars, along with some greenery and a clear blue sky with light clouds.

Metro Martin Place

Over Station Development Design Excellence Report South Site

MARCH 2019

CSWSMP-MAC-SMA-UD-REP-000320

Purpose of this document

The purpose of this document is to support the development application for a State Significant Development in the Martin Place Metro Station Precinct for the South Site. The document has been prepared to specifically satisfy the Secretary's Environmental Assessment Requirements which require the Environmental Impact Statement (prepared in support of the development application) to demonstrate that the detailed building design exhibits design excellence consistent with the advice of the design review panel (DRP), providing the DRP minutes and the Applicant's response to the DRP advice.

This document will be publicly exhibited as part of the development application.

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1. Introduction

1.1 Project overview

This report supports a State Significant Development (SSD) Development Application (DA) submitted to the Minister for Planning (Minister) pursuant to Part 4 of the Environmental Planning and Assessment Act 1979 (EP&A Act) on behalf of Macquarie Corporate Holdings Pty Limited (Macquarie), who is seeking to create a world class transport and employment precinct at Martin Place, Sydney.

The SSD DA seeks approval for the detailed design and construction of the South Site Over Station Development (OSD), located above and integrated with the Martin Place Metro Station (part of the NSW Government's approved Sydney Metro project). The southern entrance to Martin Place Metro Station will be from Elizabeth Street and Castlereagh Street, with the South Site OSD situated above.

This application follows the approval granted by the Minister for a Concept Proposal (otherwise known as a Stage 1 DA) for two OSD commercial towers above the northern and southern entrances of Martin Place Metro Station (SSD 17_8351). The approved Concept Proposal establishes building envelopes, land uses, Gross Floor Areas (GFA) and Design Guidelines with which the detailed design (otherwise known as a Stage 2 DA) must be consistent.

This application does not seek approval for elements of the Martin Place Station Precinct which relate to Stage 2 of the Sydney Metro infrastructure project, which is subject to a separate Critical State Significant Infrastructure (CSSI) approval (as amended). These include:

- Demolition of buildings on the North Site and South Site;
- Construction of rail infrastructure, including station platforms and concourses;
- Ground level public domain works; and
- Station related elements in the podium of the South Site building.

However, this application does seek approval for OSD areas in the approved Martin Place Station Structure, above and below ground level, which are classified as SSD as they relate principally to the OSD. These components are within the Metro CSSI approved station envelope that will contain some OSD elements not approved in the CSSI consent. Those elements include the end of trip facilities, office entries, office space and retail areas, along with other office/retail plant and back of house requirements that are associated with the proposed OSD and not the rail infrastructure.

This report has been prepared to summarise Macquarie Corporate Holdings Pty Ltd (Macquarie) response to action items raised to date by the Over Station Development Design Review Panel (here in referred to as the Martin Place OSD DRP). Macquarie anticipates additional action items will be raised in ongoing DRPs which Macquarie will seek to resolve as soon as possible post being made aware of the action items.

1.2 Context

The New South Wales (NSW) Government is implementing Future Transport 2056, a plan to transform and modernise Sydney's transport network so that it can grow with the city's population and meet the needs of customers in the future. Future Transport 2056 is an update of NSW's Long Term Transport Master Plan and is a suite of strategies and plans for transport developed in concert with the Greater Sydney Commission's Sydney Region Plan, Infrastructure NSW's State Infrastructure Strategy, and the Department of Planning and Environment's regional plans, to provide an integrated vision for NSW.

Sydney Metro is a new standalone rail network identified in Future Transport 2056. The Sydney Metro network consists of Sydney Metro Northwest (Stage 1) and Sydney Metro City & Southwest (Stage 2).

Stage 2 entails the construction and operation of a new Metro rail line from Chatswood, under Sydney Harbour through Sydney's CBD to Sydenham and onto Bankstown through the conversion of the existing line to Metro standards. The project also involves the delivery of seven (7) new Metro stations, including Martin Place.

This step-change piece of public transport infrastructure once complete will have the capacity for 30 trains an hour (one every two minutes) through the CBD in each direction catering for an extra 100,000 customers per hour across the Sydney CBD Metro.

On 9 January 2017 the Minister approved the Stage 2 (Chatswood to Sydenham) Metro application lodged by Transport for NSW (TfNSW) as a Critical State Significant Infrastructure (CSSI) project (reference SSI 15_7400). Work is well underway under this approval, including demolition of buildings at Martin Place.

The OSD development is subject to separate applications to be lodged under the relevant provisions of the EP&A Act (one application is being sought for the South Site – this application – and one for the North Site via a separate application).

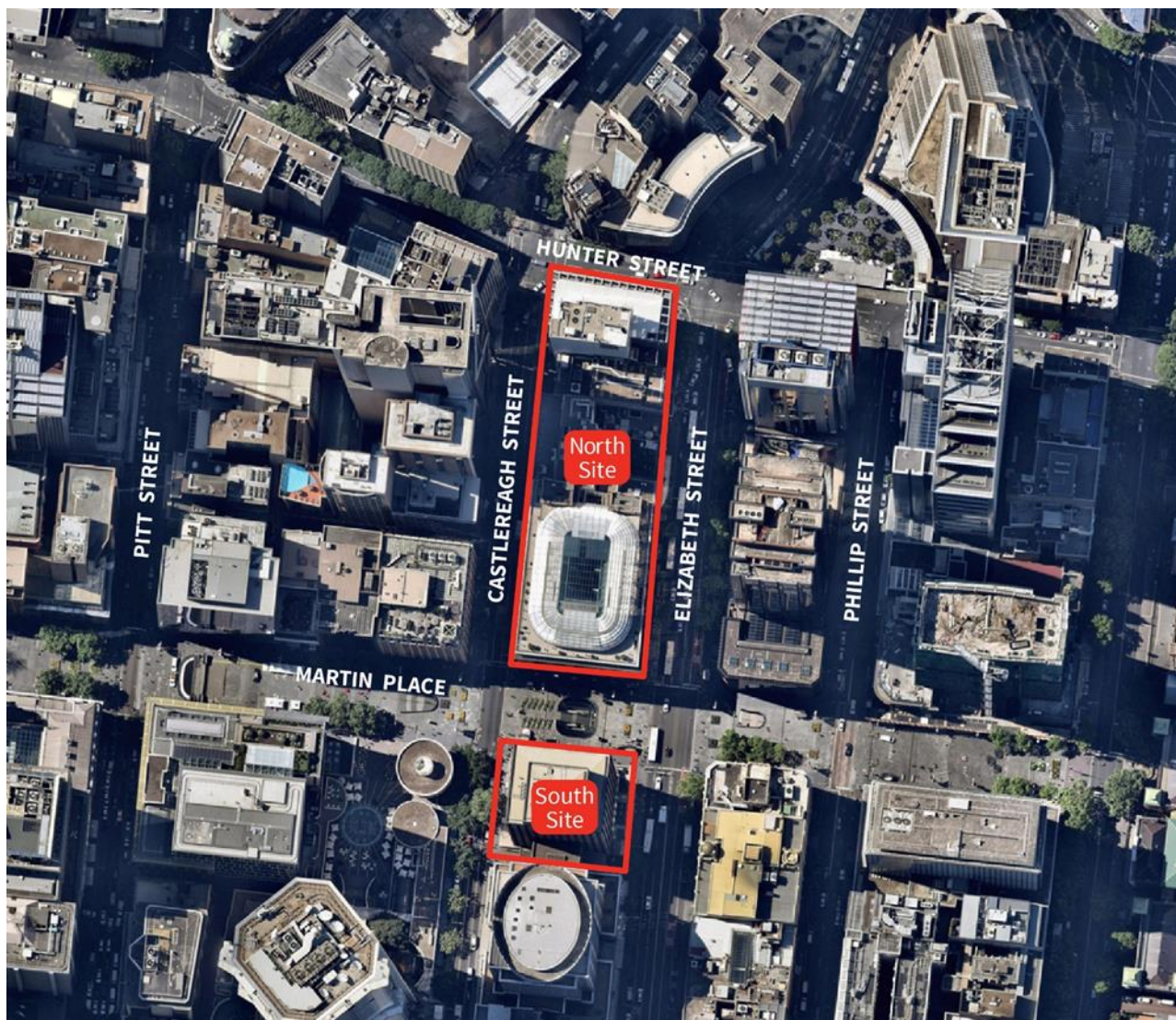
1.3 Site Description

The Sydney Metro Martin Place Station Precinct (the Precinct) project relates to the following properties (refer to Figure 1):

- 50 Martin Place, 9 – 19 Elizabeth Street, 8 – 12 Castlereagh Street, 5 Elizabeth Street, 7 Elizabeth Street, and 55 Hunter Street (North Site);
- 39 – 49 Martin Place (South Site); and
- Martin Place (that part bound by Elizabeth Street and Castlereagh Street).

This application relates only to the South Site, which refers to the city block bounded by Castlereagh Street, Elizabeth Street, and Martin Place (refer to Figure 2) located at 39 – 49 Martin Place. The North Site is the subject of a separate Stage 2 SSD DA.

Figure 1 – Aerial Photo of the North and South Site of the Martin Place Metro Station Precinct



1.4 Background

Sydney Metro Stage 2 Approval (SSI 15_7400)

On 9 January 2017, the Minister approved Stage 2 of the Sydney Metro project, involving the construction and operation of a Metro rail line between Chatswood and Sydenham, including the construction of a tunnel under Sydney Harbour, links with the existing rail network, seven Metro stations (including a station at Martin Place), and associated ancillary infrastructure. The project approves the demolition of existing buildings at Martin Place, excavation and construction of the new station (above and below ground) along with construction of below and above ground structural and other components of the future OSD, although the fit-out and use of such areas are the subject of separate development approval processes.

Modification 3 to the Sydney Metro consent, approved 22 March 2018, enabled the inclusion of Macquarie-owned land at 50 Martin Place and 9-19 Elizabeth Street within the Martin Place Station footprint, and other associated changes.

Concept Proposal (SSD 17_8351)

On 22 March 2018, the Minister for Planning approved a Concept Development Application (DA) for a State Significant Development pursuant to Part 4 of the Environmental Planning and Assessment Act 1979 (EP&A Act). The Concept DA (otherwise known as a Stage 1 DA) relates to the Martin Place Metro Station Precinct ('the Precinct') and approved the concept for two Over Station Development (OSD) commercial towers

above the northern (North Site) and southern (South Site) entrances of Martin Place Metro Station. The Concept Proposal approved building envelopes, land uses, Gross Floor Areas (GFA) and Design Guidelines.

Specifically, the Concept Proposal encompassed:

- Building envelopes for OSD towers on the North Site and South Site comprising:
 - 40+ storey building on the North Site;
 - 28+ storey building on the South Site; and
 - Concept details to integrate the North Site with the existing and retained 50 Martin Place building (the former Government Savings Bank of NSW);
- Predominantly commercial land uses on both sites, comprising office, business and retail premises;
- A maximum total GFA of 125,437m² across both sites;
- Consolidated Design Guidelines to guide the built form and design of the future development;
- A framework for achieving design excellence;
- Strategies for utilities and services provision, managing drainage and flooding, and achieving ecological sustainable development; and
- Conceptual OSD areas in the approved Martin Place Metro Station structure, above and below ground level.

Planning Proposal (PP_2017_SYDNE_007_00) - Amendment to Sydney LEP 2012

The Planning Proposal (PP_2017_SYDNE_007_00) sought to amend the development standards applying to the Sydney Metro Martin Place Station Precinct through the inclusion of a site-specific provision in the Sydney LEP 2012. This site-specific provision reduced the portion of the **South Site** that was subject to a 55 metre height limit from 25 metres from the boundary to Martin Place, to 8 metres, and applies the Hyde Park North Sun Access Plane to the remainder of the South Site, forming the height limit of the tower. It also permitted a revised FSR of 22:1 on the South Site and 18.5:1 on the North Site. These amendments were gazetted within Sydney LEP 2012 and reflect the new planning controls applying to the precinct.

Under the Stage 1 DA, a Design Review Panel (DRP) was required to be convened by Macquarie Corporate Holdings Pty Ltd (Macquarie) prior to the lodgement of a DA to review and advise on the detailed building design to ensure the achievement of design excellence. The five (5) person Martin Place OSD DRP met over the course of May, June, July and August 2018 to review and provide feedback on Macquarie's emerging designs for the North Site and South Site.

1.5 Overview of Proposed Development

The subject application seeks approval for the detailed design, construction and operation of the South Site OSD commercial tower. The proposal has been designed as a fully integrated Station and OSD project that intends to be built and delivered as one development, in-time for the opening of the Sydney Metro line in 2024. This application seeks consent for the following:

- The design, construction and operation of a new 28 storey (plus rooftop plant) commercial OSD tower consistent with the building envelope on the South Site established under the Concept Proposal (as proposed to be amended), including office space and retail tenancies.
- Vehicle loading partially within the basement of the South Tower and shared with vehicle loading areas located on the North Site.
- Bicycle parking and end of trip facilities located on the North Site, for the use of the South Tower.
- Works relating to the provision of services, management of drainage and flooding, and the mitigation of construction noise and vibration.
- Provision of rooftop building identification signage zones.
- The detailed design and delivery of 'interface areas' within the approved Station envelope that contain OSD-exclusive elements, office entries, office space, retail areas, and plant not associated with the rail infrastructure.

1.6 Planning Approvals Strategy

The State Environmental Planning Policy (State and Regional Development) 2011 (SEPP SRD) identifies development which is declared to be State Significant. Under Schedule 1 and Clause 19(2) of SEPP SRD, development within a railway corridor or associated with railway infrastructure that has a capital investment value of more than \$30 million and involves commercial premises is declared to be State Significant Development (SSD) for the purposes of the EP&A Act.

The proposed development (involving commercial development that is both located within a rail corridor and associated with rail infrastructure) is therefore SSD.

Pursuant to Section 4.22 of the EP&A Act a Concept DA may be made setting out concept proposals for the development of a site (including setting out detailed proposals for the first stage of development), and for which detailed proposals for the site are to be the subject of subsequent DAs. This SSD DA represents a detailed proposal and follows the approval of a Concept Proposal on the site under Section 4.22 of the EP&A Act.

Submitted separately to this SSD DA is a detailed proposal/SSD DA for the North Site (Stage 2 North Site DA), together with an amending DA to the Concept Proposal (Stage 1 Amending DA) that has the effect of aligning the approved South Site building envelope with the new planning controls established for the South Site (achieved through the site specific amendment to the Sydney LEP 2012).

1.7 Purpose of this Report

The Department of Planning and Environment has issued Macquarie with Secretary's Environmental Assessment Requirements (SEARs) for the preparation of an Environmental Impact Statement (EIS) for the proposed development of the North Site and the South Site. This report has been prepared having regard to the SEARs and specifically the requirement to:

demonstrate that the detailed building design exhibits design excellence consistent with the advice of the design review panel (DRP), providing the DRP minutes and the Applicant's response to the DRP advice.

This Design Excellence Report accordingly outlines the process undertaken to date, feedback received from the Martin Place OSD DRP and Macquarie's consideration and outcomes as a response to that feedback.

This Report is structured as follows:

- Section 1.0 – Introduction
- Section 2.0 – Martin Place OSD DRP meetings and feedback
- Section 3.0 – Design resolution and outcomes
- Section 4.0 – Next steps and timing

The South Site EIS prepared by Ethos Urban (dated August 2018) addresses the remainder of the design excellence related SEARs.

2. Stage 1 SSD DA Design Excellence

2.1 Achieving Design Excellence

Condition A14 of the Stage 1 SSD DA provides:

A Design Review Panel (DRP) shall be established by the Applicant prior to lodgement of the first Future Development Application. Prior to the establishment of the DRP the Applicant shall prepare, in consultation with the Government Architect NSW, and submit the following for the Secretary's approval:

- a) *a detailed terms of reference for the DRP clearly outlining:*
 - i. *the role of the DRP to review and advise on the detailed building design to ensure the achievement of design excellence, having regard to the Sydney Metro Martin Place Station Precinct Consolidated Design Guidelines, as endorsed by the Secretary, and independent urban design advice commissioned by the Department*
 - ii. *that the DRP will review and provide advice prior to lodgement of the stage 2 development application, and be retained during the assessment and post approval stages*
 - iii. *the relationship between the DRP and the Sydney Metro DRP*
 - iv. *governance arrangements, including meeting frequency, secretariat functions, dispute resolution and deliverables*
 - v. *arrangements for the critical review of the project at key milestones to ensure architectural and design integrity and respect for the urban amenity and character.*
- b) *The DRP membership, being:*
 - i. *chaired by the Government Architect NSW (or delegate)*
 - ii. *consistent with the guidelines for establishing a competition jury, as set out in the Director General's Design Excellence Guidelines*
 - iii. *agreed with the Government Architect NSW.*

2.2 Key dates and Milestones

The key dates and milestones since the Stage 1 SSD DA approval relating to the establishment of the Martin Place OSD DRP are set out below.

- 6 April 2018 – Metro Martin Place Station Precinct Stage 1 SSD Consolidated Design Guidelines approved by Department of Planning and Environment Secretary pursuant to condition A13 of the Stage 1 SSD DA.
- 19 April 2018 – Terms of Reference approved by Department of Planning and Environment Secretary pursuant to condition A14 of the Stage 1 SSD DA. The approved Terms of Reference are provided at Appendix 1.
- Late April 2018 – Martin Place OSD DRP members selected and appointed.

2.3 Martin Place Design Review Panel

In accordance with the approved Terms of Reference, the Martin Place OSD DRP consisted of:

- Peter Poulet, Government Architect or his delegate (Chair);
- Yvonne von Hartel, peckvonhartel (as nominee of Macquarie);
- Bob Nation, GHD (as nominee of Macquarie);
- John Choi, CHROFI (as nominee of the consent authority); and
- Graham Jahn, City of Sydney Council representative.

The approved Terms of Reference provide that in the event that the NSW Government Architect is unavailable, Yvonne von Hartel will assume the Chair's responsibilities.

The office of the Government Architect NSW provides Secretariat services to the Martin Place OSD DRP.

2.4 Scope, Role and Responsibilities of the Martin Place OSD DRP

The approved Terms of Reference established the scope, role and responsibilities of the Martin Place OSD DRP.

Scope of the Martin Place OSD DRP

The Martin Place OSD DRP is responsible for reviewing and advising on the SSD elements of the project, as defined within the Stage 1 SSD Consent and any subsequent modifications.

Role and objectives of the Martin Place OSD DRP

The role of the Martin Place OSD DRP is to review and advise on the detailed building design of the Martin Place OSD.

The objectives of the Martin Place OSD DRP are:

- To assist in the achievement of design excellence, having regard to the matters set out in Section 3.1 of the approved Terms of Reference.
- Support the achievement of the Sydney Metro program objectives (As relevant to the design of the OSD).
- To provide independent design advice on the Martin Place OSD whilst acknowledging the design of the station and OSD is well advanced, and the station and OSD are being designed and delivered as in integrated project in one line.
- In providing recommendations and advice to acknowledge the OSD design is well advanced and respect previous guidance provided by the Sydney Metro DRP.
- To advise on the detailed design of the buildings the subject of the future Development Applications required under Condition A3 and A4 of the Stage 1 SSD Consent and any proposed modifications of the Stage 1 Consent.

2.5 Relationship with Sydney Metro DRP

Transport NSW is responsible for delivering the Sydney Metro program and has secured an approval for its construction, under the Sydney Metro Critical State Significant Infrastructure (CSSI) consent (SSI 15_7400). Pursuant to the provisions of the CSSI approval, Sydney Metro has established a Sydney Metro program-wide Design Review Panel (Sydney Metro DRP) to provide advice on the design aspects of the Sydney Metro project.

The Sydney Metro DRP is distinct from the Martin Place OSD DRP and is responsible for providing design advice to Transport NSW for all station elements at Martin Place. However, in recognition of the need to facilitate the design and delivery of a highly integrated station and OSD solution, some members of the Sydney Metro DRP are also members of the Martin Place OSD DRP. In addition, to optimise integration continuity of advice and the flow of information between the projects, the approved Terms of Reference identified that meetings of the Martin Place OSD DRP will meet concurrently with the Sydney Metro DRP.

Advice provided by the Martin Place OSD DRP on Metro related issues and Sydney Metro DRP advice on OSD related issues has been considered throughout the process but not necessarily adopted given the governance arrangements differ across the two projects.

2.6 Design Review Panel Meetings

The Martin Place OSD DRP met *nine* (9) times prior to Macquarie lodging its Stage 2 DA for the South Site as set out below. Meeting dates marked with an asterisk (*), denote those meetings during which the Sydney Metro DRP met concurrently.

- 1 May 2018 – Martin Place OSD DRP Meeting #1.
- 15 May 2018 – Martin Place OSD DRP Meeting #2*.
- 5 June 2018 – Martin Place OSD DRP Meeting #3*.
- 18 June 2018 – Martin Place OSD DRP Meeting #4.
- 3 July 2018 – Martin Place OSD DRP Meeting #5*.
- 7 August 2018 – Martin Place OSD DRP Meeting #6*.

- 18 December 2018 – *Martin Place OSD DRP Meeting #7**.
- 25 February 2019 – *Martin Place OSD DRP Meeting #8*.
- 19 March 201 – *Martin Place OSD DRP Meeting #9*.

Copies of the full presentations and all supporting material presented by Macquarie at each meeting are provided at Appendices 2 – 6.

Following each meeting, the Secretariat issued Macquarie with a summary of advice and recommendations arising from the meeting.

3. Martin Place OSD DRP Meetings and Feedback

This section summarises the material presented at each meeting and provides a summary of the Martin Place OSD DRP's advice and recommendations. The *nine* advices received to date by Macquarie is provided at Appendix 2 (in chronological order).

Post receiving the minutes from the Martin Place OSD DRP Macquarie actively engaged with the design team and external consultants to prepare reports/advice to address/resolve the matters raised and workshopped potential solutions to test whether these solutions responded to the advice and recommendations of the Martin Place OSD DRP. These options were presented to the relevant stakeholders for consideration and consensus giving careful consideration to Martin Place OSD DRP advice and recommendations. Detailed presentation material was provided by the design team for presentation to the Martin Place OSD DRP.

3.1 Martin Place OSD DRP #1 – 1 May 2018

Purpose

Being the first meeting of the newly convened Martin Place OSD DRP, Macquarie and the design team provided a detailed briefing on the terms of the Stage 1 SSD DA, including:

The approved Martin Place OSD DRP Terms of Reference;

- Stage 1 SSD DA conditions of approval;
- Extent of approved building envelopes;
- Sydney Metro Martin Place Station Precinct Consolidated Design Guidelines; and
- Advice received to date from the Sydney Metro DRP and open items.

The meeting also included a site walk around of the Martin Place Metro Station precinct.

South Tower

The South Tower was not presented at all at Martin Place OSD DRP #1.

Ground Plane and Station Design

The ground plane and station design is subject to the CSSI approval and the remit of the Sydney Metro DRP. Nonetheless, Grimshaw provided an update on the station design and explained the highly integrated nature of the station and OSD elements to the Martin Place OSD DRP for context. An overview of the ground plane and public domain was also presented.

Summary of Martin Place OSD DRP Advice and Recommendations

The Martin Place OSD DRP's advice and recommendations is North Tower focussed given the material presented. No advice/feedback was provided in relation to the South Tower. The advice is provided at Appendix 2 for reference nonetheless.

3.2 Martin Place OSD DRP #2 – 15 May 2018

Purpose

South Tower

In relation to the South Tower, Tzannes provided an overview of the mass and form of the tower, as well as the design intent for the podium. Preliminary concepts of the roof structure and southern façade were also outlined.

The concept of a Martin Place tower with a more integrated tower/podium design was presented. Tzannes indicated that the ceramic detailing of the podium would be expressed in the Level 10 plant room and 'crown' of the building.

The earlier South Tower podium design that had been presented to the Sydney Metro DRP during preparation of the Stage 1 SSD DA was streamlined to address client concerns with the resolution of the podium expression. A rationalised façade for the podium level was presented noting the intent to better reflect the compositional elements of the 50 Martin Place façade.

A conceptual approach for the roof was described to the Martin Place OSD DRP – an asymmetrical 'crown' that specifically responds to the requirement to avoid additional overshadowing of Hyde Park.

The south elevation was described as a paneled finish consistent with the finish of the other elevations.

Ground Plane

The preliminary shadow and wind studies were presented including the methodology that had been employed to determine the shadows cast by the approved building envelopes for the South Tower on Hyde Park respectively. The animation demonstrated a significant improvement to the solar access, due to the asymmetrical form of the tower. The wind study results presented to the Martin Place OSD DRP demonstrates the proposed building form would achieve similar or better wind conditions for people at street levels.

Summary of Martin Place OSD DRP Advice and Recommendations

The Martin Place OSD DRP indicated its support for:

- the proposed integration of the South Tower's podium and tower elements as a single form, including expression of levels above and below the plant; and
- proposed material expression on the South Tower.

Open items identified by the Martin Place OSD DRP in relation to the South Tower included:

- preference for a much more contemporary expression of the podium;
- proposed details of roof plant locations, the roof line's articulation and implications for sun access to Hyde Park;
- the exposure and proposed treatment of the southern façade to the street; and
- further details of the expression and likely impact of the podium to the street level on Castlereagh Street.

The Martin Place OSD DRP's full advice and recommendations is provided at Appendix 2 for reference.

3.3 Martin Place OSD DRP #3 – 5 June 2018

Purpose

South Tower

Further design rationale for the integrated tower design was tabled. This included Tzannes explaining the increased plant articulation between the podium and tower and exploration of alternative design responses to provide a stronger distinction between the podium and tower element (i.e. the interstitial space) to respond to the Martin Place OSD DRP's advice. Tzannes maintained the position that introducing a more defined interstitial space was inconsistent with the underlying structure of the precinct's urban form and would unfairly establish a podium level for the future redevelopment of the building to the south of the South Tower.

Tzannes' South Tower presentation sought to justify the podium's architectural expression on the basis that the rationalised podium design presented at Martin Place OSD DRP #2 did achieve the Martin Place OSD DRP's preference for a strong and contemporary design. Four options for the base, middle and top of the podium were presented for the Martin Place OSD DRP's consideration.

Tzannes also presented drawings that proposed:

- stronger expression of the structural elements and plant room between the tower and podium; and
- a proposed treatment on the exposed extent of the southern façade through the introduction of a faceted tile that interprets the Castlereagh Street and Elizabeth Street facades.

Ground Plane

An update on the wind and sun studies was presented. The wind study results indicated that existing wind conditions would improve under a future developed state. The sun study presentation focussed on explaining to the Martin Place OSD DRP how the approved extent of shadowing had been mapped and would be used to inform the South Tower's roofline.

An overview of the approved pedestrian modelling analysis was also presented.

Summary of Martin Place OSD DRP Advice and Recommendations

New South Tower open items arising from Martin Place OSD DRP #3 can be summarised as follows:

- need for further detail on the lower levels of the South Tower's podium and particularly relationship with Martin Place, Elizabeth Street and Castlereagh Street; and
- stronger resolution of the whole of the southern façade's treatment which considers views from Castlereagh Street and Elizabeth Street.

The Martin Place OSD DRP's full advice and recommendations is provided at Appendix 2 for reference.

3.4 Martin Place OSD DRP #4 – 18 June 2018

Purpose

South Tower

Tzannes sought to utilise Martin Place OSD DRP #4 to revisit and address every remaining open item at that point in time. Tzannes provided a detailed presentation on the podium expression, focusing on:

- stronger and contemporary expression of the podium façade;
- relationship to Martin Place;
- relationship to Elizabeth Street;
- relationship to Castlereagh; and
- structural elements between podium and tower.

The treatment, prominence and extent of the southern façade was outlined and Tzannes confirmed that the South Tower would not be setback at the eastern and western boundaries.

The proposed roof design, articulation and materials was presented, and confirmed to be wholly compliant with the Stage 2 SSD DA's approved shadowing envelope that was presented at Martin Place OSD DRP #2.

Ground Plane

Grimshaw presented a suite of drawings that clearly demarcated the Metro station, tower and through site connection zones across the Precinct. The drawings also identified pedestrian movements and numbers at each of the precincts entry points.

Summary of Martin Place OSD DRP Advice and Recommendations

The Martin Place OSD DRP indicated:

- its support for the South Tower's:
 - podium expression as it relates to Martin Place, Elizabeth Street and Castlereagh Street;
 - proposed emphasis of the structural elements between the tower and the podium; and
 - proposed articulation of the roof line to address direct solar access to Hyde Park.

The Martin Place OSD DRP's full advice and recommendations is provided at Appendix 2 for reference.

3.5 Martin Place OSD DRP #5 – 3 July 2018

Purpose

South Tower

Tzannes did not present any new content given that the Martin Place OSD DRP had indicated its support for design of the South Tower in the Martin Place OSD DRP #4 meeting advice.

Tzannes confirmed it would continue to address the Martin Place OSD DRP's feedback regarding the treatment, prominence and extent of the southern façade through the ongoing design development process and the DA submission.

Ground Plane

Grimshaw did not provide any new content at Martin Place OSD DRP #4.

Summary of Martin Place OSD DRP Advice and Recommendations

The Martin Place OSD DRP:

- advised the intent of the setback above the podium had not been met by the tower, and accordingly the Martin Place OSD DRP considered that the proposal would likely result in a poor urban design outcome for the southern end of the South Site and adjacent development;
- recommended increasing the setbacks at the south east and south west corners of the tower to improve architectural expressions and urban design outcomes for the block; and
- requested tower floor plans be provided to allow the Martin Place OSD DRP to understand building setbacks above the podium.

The Martin Place OSD DRP's full advice and recommendations is provided at Appendix 2 for reference.

3.6 Martin Place OSD DRP #6 – 7 August 2018

Purpose

South Tower

Tzannes presented a study to respond to the Martin Place OSD DRP's feedback that the proposed tower had not adequately addressed the intent of the setbacks at the south east and south west corners. Notches, chamfered corners and retention of the currently proposed setbacks complemented by punch windows were presented.

Tzannes argued the importance of creating a threshold condition for arrival into Martin Place, and that the retention of the proposed setbacks, provided the most appropriate design outcome for the site as:

- It reinforced the principle of Martin Place as a key civic space with a need for strong architectural definition.
- Increasing the setbacks on the South Tower would prematurely establish a setback and street wall height for the remainder of the city block on which the South Tower is proposed.
- The establishment of an arbitrary setback had significant ramifications for the entire block in the context of the Sun Access Plane which diminishes in height towards the south; the combination of the setback and reduced height renders the podium and tower design unfeasible.
- The options comprising indentations and chamfered corners required considerable structural intervention and would necessitate the inclusion of a revised structural column arrangement at the Metro sub-basement levels. This has major ramifications on the Metro design and is unable to be accommodated given the status of the Metro design. Furthermore, the revised structural column over the Eastern Suburbs Rail Line cannot be accommodated in the space provided and would necessitate significant and lengthy disruptions to rail services on that line. Metro supported this position.

Ground Plane

Tzannes presented a series of architectural plans and images/perspectives to demonstrate the future nature and function of ground floor uses, focussing on the retail and activation opportunities proposed by the retail

tenancies. Associated uses (amenities, publicly accessible toilets and storage areas) were shown to be included plus provision for kitchen exhaust and grease traps to support food and beverage outlets.

Wayfinding and connectivity were also demonstrated using the same images.

Summary of Martin Place OSD DRP Advice and Recommendations

The Martin Place OSD DRP:

- concurred with Tzannes that notches, chamfers and windows were not suitable design solutions from an architectural and urban planning perspective;
- strongly recommended resolution of the southern façade treatment through articulation and texturing;
- reiterated its request for tower floorplans to understand building setbacks above the podium;
- noted and supported the articulation of the ground plane and Metro station entry on the basis that it achieves a positive contribution to the street; and
- acknowledged attempts to activate the frontages to Castlereagh Street and Martin Place through retail uses, identifying the following matters as requiring further resolution at future Martin Place OSD DRP meetings (all of which are CSSI matters that are outside the remit of the Martin Place OSD DRP):
 - further design refinement to the internal scale of the Metro station entrance, including heights from ground to mezzanine and mezzanine to ceiling;
 - the pitch of the stair to Elizabeth Street and the depth of beams; and
 - increasing the level of transparency to provide visual access to the Metro station facilities.

The Martin Place OSD DRP also requested the following documentation:

- the proposed retail activation strategy which presumably informs the design of retail spaces and their relationship to the public realm and Metro station;
- the wayfinding strategy and signage strategy; and
- dimensioned sectional drawings to be provided.

The Martin Place OSD DRP's full advice and recommendations are provided at Appendix 2 for reference.

3.7 Martin Place OSD DRP #7 – 18 December 2018

Purpose

South Tower

To respond to the DRP's recommendation that the treatment of the southern façade be resolved through articulation and texturing, Tzannes presented a design options study which considered the resolution of the southern façade's articulation including proposed treatments to ameliorate the tall southern wall. Diagrams, rendered images, plans and elevations were presented that considered :

- *the extent of articulation;*
- *textural design;*
- *materials;*
- *views of the southern façade from Castlereagh and Elizabeth Streets; and*
- *the relationship to adjoining built form and future development implications.*

Summary of Martin Place OSD DRP Advice and Recommendations

The DRP acknowledged the options presented demonstrated some amelioration of the negative impacts, however it advised that it remained concerned about the urban design impacts for the block. The DRP recommended that detailing of the south east and south west corners of the tower be reconsidered, and that stronger articulation was required to eliminate a continuous street wall, which would likely occur if future development to the south had no setbacks above the podium.

The DRP also advised that it was concerned about the heat load to the western façade and the approach to overall environmental sustainability.

New and existing reiterated items identified for future resolution included:

- resolution of the tall southern wall in relation to the elevation as a whole, considering views from both Castlereagh and Elizabeth Streets;
- need for sun shading to the western façade of the tower;
- independent expert assessment of the building's environmental performance (to be convened by the DRP);
- further details in relation to the materials palette, including terracotta tiles proposed for the podium and southern façade of the tower, and the importance of retaining convex and concave glass to the podium rather than faceted glazed panels;
- clarification of the resolution of the top of the building (which currently shows an 'open' plant enclosure);
- In relation to wayfinding and activation the DRP advised:
 - further design refinement is required to improve the internal scale of the Metro station entrance (which is outside the remit of the Martin Place OSD DRP and falls within the Sydney Metro DRP's charter);
 - retail activation strategy to be determined to inform the design of retail spaces and their relationship to the public realm and Metro station; and
 - wayfinding strategy and signage.

3.8 Martin Place OSD DRP #8 – 25 February 2019

Purpose

South Tower

Tzannes sought to address the DRP's outstanding concerns on the articulation of the southern façade, focusing on the resolution of the south-western and south-eastern corners of the tower. Tzannes presented the urban design rationale for further consideration of the southern façade and corners, including the implications of different forms of future development on the adjacent site. Tzannes presented a revised proposal for the treatment of the tower's southern façade including a new corner detail to create a stronger corner to the tower and proposed introduction of a return window along the western and eastern facades. Tzannes illustrated the design study and updated proposal through plans, elevations, diagrams and rendered images.

Tzannes also sought to respond to the DRP's request for further details of the roof top plant enclosure. Tzannes explained the solar access and technical constraints that the roof form has been designed within and presented an updated proposal for the enclosure of the roof top plant. Tzannes clarified that the updated proposal results in a new curved form to the roof top enclosure which reflects the fluid nature of the existing roof form. The new curved roof form would be clad in ceramic in keeping with the building façade materiality. A new shadow detail to the base of the roof form was also added to better frame the glazed façade held within the ceramic form.

Finally, Tzannes presented details on the materials proposed for the podium, paving, ground floor interior and the tower.

Environmental Performance

The Acting Government Architect and independent expert appointed to assess the environmental performance of the façade provided an update on the review being undertaken by the independent expert.

Summary of Martin Place OSD DRP Advice and Recommendations

The DRP's advice is summarised as follows:

- support for the approach to form and massing of the podium and tower;
- support for the resolution of the top of the building, recognizing it is now materially consistent with the tower and podium;
- support for the proposed materials palette, including terracotta tiles to the podium, southern façade of the tower and roof, and use of convex and concave glass to the podium;
- acceptance that the independent review and assessment of environmental performance, including heat load to the western façade had been completed; and

- a recommendation that continuity of the design team through construction to enable resolution of any outstanding issues and ensure design excellence be achieved.

The Panel issued supplementary advice following *DRP #8* in relation to the South Tower. This advised that:

*The Panel acknowledges the latest option presented at the eighth *DRP* and can support the proposal subject to the following recommendations being adopted:*

1. *The design of the curved corner meeting the adjoining site at the southern boundary requires a recess or re-entrant corner to be expressed for the full height of the building, from podium to tower.*
2. *The modelling and ceramic materials proposed for the south facing boundary wall must be applied to the full width of the building, noting the first 8m on either street could be more heavily modelled ceramic with a smooth ceramic in between to anticipate adjoining building setbacks in the future.*

3.9 Martin Place OSD *DRP #9* – 19 March 2019

Purpose

South Tower

*Tzannes directly responded to the *DRP*'s outstanding concerns, and specifically the supplementary advice provided by the Panel, on the articulation of the southern façade, by providing clarification on the re-entrant to the south-western and south-eastern corners and extent of the articulation of the southern façade.*

*In relation to the articulation of the southern façade, Tzannes presented diagrams and sketches which detailed the articulation of the southern façade across the full width of the façade, noting more detailed articulation towards the western and eastern edges of the façade and a smooth façade to the centre. In response to the *DRP*'s advice and recommendations, Tzannes presented an updated proposal which increased the more detailed articulation at the edges of the façade from a width of 6m to 8m.*

*In relation to the re-entrant of the south-western and south-eastern corners, Tzannes presented diagrams and sketches that detailed the re-entrant between the South Tower and the adjoining site to the south. This clarified to the *DRP* that the south-western and south-eastern corners will be expressed for the full height of the building.*

*In response to *DRP* advice previously received, and following the presentation of the proposed materials details for the South Tower at *DRP #8*, Tzannes presented materials finishes including ceramic and metal cladding, stone cladding, glazing and pre-cast concrete cladding. Physical materials finishes (samples) were presented for the *DRP* to inspect.*

Environmental Performance

*An update on the progress of the independent façade review on environmental performance was also provided to the *DRP*. This noted that, in relation to *DRP* advice previously received, that the independent review and assessment of environmental performance, including heat load to the western façade is complete. In addition, it was noted that the scope and approach to the additional assessment of reflectivity and glare had been endorsed by the independent expert.*

Summary of Martin Place OSD *DRP* Advice and Recommendations

The *DRP*'s advice is summarised as follows:

- support for the proposed infill detail where the curved corner abuts the adjoining site at the southern boundary (both east and west) is re-entrant and is expressed for the full height of the building, from podium to tower;
- support for the modelling and ceramic materials proposed for the south facing boundary are proposed as applied to the full width of the building, with the first 8m on either street being more heavily modelled ceramic with smooth ceramic in between in anticipation of future adjoining building setbacks;
- support for the choice of stone and use of a custom coloured ceramic panel will contribute to a high quality materials palette, and expression through a range of finishes will further articulate the façade;
- note that the additional assessment of reflectivity and glare is in progress; and
- a request that the independent expert present the findings and recommendations from the additional assessment above to the panel to understand any impacts on architectural expression and materiality.

At the completion of the Martin Place OSD DRP #9, the status of the DRP's advice can be summarized as follows:

DRP advice (dated 19/3/19)	DRP Status (as per advice dated 19/3/19)	Macquarie Status \ response
SOUTH TOWER		
Architectural expression The proposed infill detail where the curved corner abuts the adjoining site at the southern boundary (both east and west) is re-entrant and is expressed for the full height of the building, from podium to tower.	Supported	-
Modelling and ceramic materials proposed for the south facing boundary are proposed as applied to the full width of the building, with the first 8m on either street being more heavily modelled ceramic with smooth ceramic in between in anticipation of future adjoining building setbacks.	Supported	-
Materials The choice of stone and use of a custom coloured ceramic panel will contribute to a high quality materials palette, and expression through a range of finishes will further articulate the façade.	Supported	-
Environmental performance Additional assessment of reflectivity and glare and its impact on adjacent buildings, the public domain and thermal performance, including any need for sun shading to the western façade of the tower, as agreed following the initial environmental performance review completed by Che Wall.	In progress	An updated is proposed to be presented at DRP 10 (16/4/19).
The panel requests that Che Wall present the findings and recommendations from the additional assessment above to the panel to allow the panel to understand any impacts on architectural expression.	New item	Che Wall has confirmed that he will attend DRP 10 to present the findings and recommendations from his review.
Glass to be chosen based on the outcomes of the additional reflectivity and glare assessment above.	New item	Macquarie would be agreeable to the imposition of an appropriately worded condition of consent that facilitates the technical aspects of the reflectivity investigations to be resolved. The condition can be drafted to require presentation of any design related impacts to the DRP to ensure design excellence will continue to be achieved.
Retail Strategy From DRP 07, Retail activation strategy to inform the design of retail spaces and their relationship to the public realm and Metro station noted as still to be presented.	Outstanding	Proposed to be presented at DRP 10 (16/4/19). (Note carried over from DRP 9 given insufficient time to discuss)
Design Excellence The panel recommends continuity of the design team through construction to enable resolution of any outstanding issues and ensure design excellence will be achieved.	In progress	The design teams are already contracted through the construction phase.

4. Design Resolution Outcomes

This section provides a high level status of the advice and recommendations made by the Martin Place OSD DRP over the course of the *nine* (9) meetings and how Macquarie has successfully responded to the feedback. The following section should be read in conjunction with the Stage 2 DA for the South Tower and its appendices which collectively represent Macquarie's detailed design solution for the Precinct.

4.1 Form and Massing

The Martin Place OSD DRP confirmed its support for the proposed approach to the overall form and massing of the South Tower following Martin Place OSD DRP #2.

Notably, the Martin Place OSD DRP advised that tower setbacks above the podium at the south east and south west corners were not necessary.

4.2 Architectural Expression

The Martin Place OSD DRP confirmed its support for the proposed approach to podium expression and structural elements between the tower and podium following Martin Place OSD DRP #4.

The Martin Place OSD DRP confirmed its support for the southern façade at Martin Place OSD DRP #9.

4.3 Roof Structure

The Martin Place OSD DRP confirmed its support for the proposed approach to the roof articulation following Martin Place OSD DRP #4 and reiterated this at Martin Place OSD DRP #8.

4.4 Materials Palette

The Martin Place OSD DRP has not raised any issues with the South Tower's proposed materials palette during the process. Support has been confirmed for the physical samples of materials presented at Martin Place OSD DRP #9.

4.5 Shadowing and Wind Impacts

The Martin Place OSD DRP has advised that shadowing and wind impacts arising from the South Tower are acceptable (Martin Place OSD DRP #2, #3 and #4). The shadowing studies and results presented to the Martin Place OSD DRP demonstrate full compliance with the terms of the Stage 1 SSD DA, as discussed in the South Site EIS prepared by Ethos Urban (dated August 2018).

5. Next Steps and Timing

Macquarie has engaged honestly and proactively taken the Martin Place OSD DRP's feedback and advice into consideration during the design process for the South Site. The design excellence process has been an invaluable tool to test Macquarie's design intent and rationale and assess possible alternatives for the South Site. It has enabled positive outcomes in the areas of:

- refined architectural expression that acknowledges and respects the prominence of the entire Precinct whilst promoting the building as a new location marker in the city's skyline;
- strengthened legibility of the integrated Martin Place podium and tower concept;
- a more refined podium that reinterprets 50 Martin Place in a contemporary manner and in doing so creates a distinguished 'urban room' between 50 Martin Place and the South Tower;
- a rationalised response to servicing and plant location that has enabled a stronger interstitial space and the creation of a publicly accessible terrace to complement the existing Martin Place terraces; and
- a more sophisticated design response to the treatment and articulation of the southern elevation.

In addition, the Martin Place OSD DRP process has been greatly beneficial in understanding and interrogating the opportunities and challenges of delivering the significant city changing infrastructure project that is the construction of the Martin Place Metro Station.

The Stage 2 SSD DA for the South Site is supported by an Architectural Design Report prepared by Tzannes that outlines the Project Vision and demonstrates how the proposed design satisfies the Consolidated Design Guidelines that apply to the South Site. The Architectural Design Report addresses the proposed South Tower's form and mass, articulation and expression, materiality and integration with the Martin Place Metro Station whilst responding to, and complementing, the South Site's context.

Macquarie is committed to continuing its collaborative relationship with the Martin Place OSD DRP throughout the assessment process. The approved Terms of Reference provide for the ongoing review of the South Tower design and provision of advice by the Martin Place OSD DRP at critical milestones. Macquarie will shortly commence discussions with the Department and the Martin Place OSD DRP Secretariat to formalise the next round of Martin Place OSD DRP meetings to resolve the detailed design. Key areas of focus over the coming months will finalisation of the technical aspects of the environmental performance independent assessment (due for completion prior to DPE's determination of the SSD DA for the South Tower) and progression of design development to build upon the strong design excellence outcomes already achieved through the DRP process.

Appendix 1

OSD DRP Terms of Reference

Sydney Metro Martin Place Over Station Development Design Review Panel Terms of Reference

This Terms of Reference relates to the Sydney Metro Martin Place Over Station Development (OSD), or otherwise referred to as the “Martin Place OSD DRP”.

The Terms of Reference has been prepared in accordance with Condition 14A a) of the Stage 1 State Significant Development (SSD) Concept Proposal Consent¹, (the Stage 1 SSD Consent) by the Applicant² in consultation with the Government Architect of NSW.

The Martin Place OSD DRP will operate in tandem with the Sydney Metro Design Review Panel (Sydney Metro DRP), constituted under Condition E100 of the Sydney Metro Critical State Significant Infrastructure (CSSI) consent (SSI 15_7400).

1.0 Role and Objectives

1.1 The role of the Martin Place OSD DRP is to review and advise on the detailed building design of the Martin Place OSD.

1.2 The objectives of the Martin Place OSD DRP are:

- To assist in the achievement of design excellence, having regard to the matters set out in section 3.1.
- Support the achievement of the Sydney Metro program objectives³ (as relevant to the design of the OSD).
- To provide independent design advice on the Martin Place OSD whilst acknowledging the design of the station and OSD is well advanced, and the station and OSD are being designed and delivered as an integrated project in one line.
- In providing recommendations and advice, to acknowledge the OSD design is well advanced and respect previous guidance provided by the Sydney Metro DRP.
- To advise on the detailed design of the buildings the subject of the future Development Applications required under Conditions A3 and A4 of Stage 1 SSD Consent and any proposed modifications of the Stage 1 Consent.

2.0 Scope of Martin Place OSD DRP

2.1 The Martin Place OSD DRP is responsible for reviewing and advising on the SSD elements of the project, as defined within the Stage 1 SSD Consent and any subsequent modifications.

3.0 Relationship with Sydney Metro DRP

3.1 There is an established Sydney Metro program-wide Design Review Panel (Sydney Metro DRP) advising on the design aspects of the Sydney Metro project , for which Transport for NSW (TfNSW) is the Proponent. The Sydney Metro DRP is responsible for providing design advice to TfNSW for all Station elements at Martin Place.

¹ Stage 1 Consent reference SSD 8351 approved by the Minister on 22 March 2018 (and any subsequent modifications)

² The Applicant is Macquarie Corporate Holdings Pty Ltd, the Applicant for the Stage 1 SSSD Consent

³ The objectives of the Sydney Metro project are to:

- Improve the quality of the transport experience for customers
- Provide a transport system that is able to satisfy long-term demand
- Grow public transport patronage and mode share
- Support the productivity of the Global Economic Corridor
- Serve and stimulate urban development
- Improve the resilience of the transport network
- Improve the efficiency and cost effectiveness of the public transport system
- Implement a feasible solution recognising impacts, constraints and delivery risk

- 3.2 Some members of the Martin Place OSD DRP are also members of the Sydney Metro DRP, to facilitate the design and delivery of an Integrated Station Development (ISD) design solution and in recognition of:
- the critical importance of continuity of advice and momentum of the design process necessary to meet the Sydney Metro procurement processes and the State Government's overarching project milestones and delivery obligations for the Sydney Metro Project.
 - the complexity of the design integration between all components of the project and the delivery program, acknowledging design decisions associated with the OSD have implications to the Station, and vice versa.
- 3.3 To optimise integration, continuity of advice and the flow of information across the two DRPs, meetings of the Martin Place OSD DRP will be concurrent⁴ with the Sydney Metro DRP.

4.0 DRP Responsibilities & Authority

- 4.1 In providing advice the Martin Place OSD DRP is to have regard to:
- The Stage 1 SSD Consent, and any proposed modifications to that consent
 - The Previous Sydney Metro DRP Design Advice for the Martin Place Precinct.
 - *The Sydney Metro Martin Place Station Precinct Consolidated Design Guidelines* endorsed by the Secretary of the Department of Planning and Environment (the Design Guidelines)⁵
 - The independent urban design advice commissioned by the Department (the Urban Design Advice)⁶
- 4.2 The Martin Place OSD DRP advice is also to encompass, as necessary
- The Applicants' objectives for innovative, human centred design and environmental sustainability.
 - Relevant DDA and Safer by Design standards.
 - Compliance with design-related conditions of approvals.
 - The retention of design integrity throughout the duration of the project.
- 4.3 The Martin Place OSD DRP is advisory and its advice or recommendations are not binding. It cannot authorise any expenditure, works or consultancies.

5.0 DRP Membership and Chair's responsibilities

- 5.1 As required by Condition A14 b) of the Stage 1 SSD Consent, the Martin Place OSD DRP:
- is chaired by the NSW Government Architect (or his delegate)
 - is consistent with the guidelines for establishing a competition jury, as set out in the *Director General's Design Excellence Guidelines*, and
 - the membership has been agreed with the NSW Government Architect.
- 5.2 Panel Members are required to have relevant design expertise and experience, and a Panel Member wishing to resign must do so in writing.
- 5.3 The Martin Place OSD DRP Panel Members (Panel Members) are:

⁴ For clarity both DRPs are independent established under their own CSSI and SSD consents; however 'concurrent' means that both the Sydney Metro DRP and Martin Place OSD DRP meetings will be held at the same venue and time where possible. This does not preclude either DRP meeting separately if required.

⁵ Design Guidelines endorsed by the Secretary on 6 April 2018 in satisfaction of Condition A13 of the Stage 1 Consent

⁶ As required under condition A14 (a) of the Stage 1 Consent

- Peter Poulet, Government Architect or his delegate⁷ from the GA NSW executive team [nominee of the consent authority]
 - John Choi [as a nominee of the consent authority]
 - Yvonne von Hartel AM [as nominee of the Proponent]
 - Robert Nation AM [as nominee of the Proponent]
 - A nominee⁸ of the Council of the City of Sydney, (to be agreed by the GA NSW). Where Council elects not to nominate a Panel Member, an alternative Panel Member is to be nominated by GA NSW. The alternative Panel Member is to be an individual from the NSW State Design Review Panel.
- 5.4 The NSW Government Architect (Mr Peter Poulet) is the Chair of the Martin Place OSD DRP.
- 5.5 Should the NSW Government Architect be unavailable, then his delegate as Chair (Delegate Chair) will be Yvonne von Hartel, who will assume the Chair's responsibilities.
- 5.6 The role and responsibilities of the Martin Place OSD DRP Chair (or Delegate Chair) include:
- To Chair the Martin Place OSD DRP meetings
 - Provide guidance towards a consensus view (acknowledging a consensus is not required to be achieved, merely a simple majority) amongst Panel Members and ensure clarity of advice, including any differences of opinion amongst Panel Members
 - To confirm the draft written Advice with the other Panel Members present at the meeting, and ensure it is distributed to all attendees (including the design team and invitees) and any absent Panel Members within 3 working days of the DRP meeting.
 - To resolve any dispute involving the Martin Place OSD DRP and its operation under these Terms of Reference.
- 5.7 Three (3) Panel Members, including the Chair or Delegate Chair, are required to constitute a quorum.

6.0 Invitees

- 6.1 A representative of the DPE will be invited to attend the Martin Place OSD DRP meetings, as an observer⁹.
- 6.2 A representative of the Heritage Council will be invited to attend the Martin Place OSD DRP meetings, to provide heritage advice as required.
- 6.3 Sydney Metro representatives and technical advisors will attend DRP meetings, to provide station interface technical information and advice.
- 6.4 Invitees are not Martin Place OSD DRP Panel Members and do not participate in closed session deliberations of the Martin Place OSD DRP.

7.0 Secretariat Services

- 7.1 Secretariat services of the Martin Place OSD DRP will be provided by the office of the GA NSW. These services will include:
- Distributing the Agenda at least four (4) working days prior to meetings, and coordinating with the Applicant's nominated primary contact.
 - Preparing the draft written Advice for review by the Chair (Delegate Chair) prior to distribution to all attendees (including the design team and invitees) within three (3) working days of the meeting.

⁷ The delegate, to be nominated, is an individual who will consistently attend the meetings.

⁸ Consistent with the *Director General's Design Excellence Guidelines*, the nominee of Council is not to be a staff member or councillor with an approval role in council's development assessment process.

⁹ Consistent with the condition A14 (b) of the Stage 1 Consent for the establishment of a jury

- Booking meeting rooms and facilities, providing refreshments and processing Panel Member invoices.
- 7.2 Secretariat services and the performance of the Secretariat are to be reviewed at the Key Milestones identified in 7.1 following approval of the Stage 2 DAs.
- 7.3 The reasonable costs of providing secretariat services are to be borne by the Applicant.

8.0 Governance & Other Arrangements

- 8.1 The Martin Place OSD DRP will meet at regular intervals determined by Key Milestones, as set out below, with additional meetings scheduled if necessary. Meetings of the Martin Place OSD DRP are to be concurrent⁴ with the Sydney Metro DRP (bi-monthly), unless otherwise agreed to by the Applicant.

Key Milestone 1	June 2018 <i>Finalisation of design for preparation of Stage 2 DAs. To accommodate Metro delivery schedule and the planned lodgement of the Stage 2 SSD DAs.</i>
Meeting Schedule to Achieve Key Milestone 1	24 April 2018 Martin Place OSD DRP Meeting 1 Indicative meeting agenda focus – Introduction and background/ context briefing to Panel members
	1 May 2018 Martin Place OSD DRP Meeting 2 Indicative meeting agenda focus – Form and Function
	15 May 2018 Martin Place OSD DRP Meeting 3 Indicative meeting agenda focus – Expression
	5 June 2018 Martin Place OSD DRP Meeting 4 Indicative meeting agenda focus – Detailing the place

- 8.2 The program of meetings may be reviewed by the Martin Place OSD DRP from time to time and must be reviewed following the submission of the Stage 2 DA(s). The Applicant must provide a revised schedule of meetings that align with Key Milestones at that time.
- 8.3 The standard meeting Agenda is to include:
- Confirmation of written advice from the preceding Martin Place OSD DRP meeting.
 - Update on any outstanding matters.
 - Presentation and discussion on the current design, including response to past advice.
 - Panel review and verbal advice.
 - Forward agenda.
- 8.4 At each “Key Milestone” identified in the meeting schedule referred to in 7.1 the Martin Place OSD DRP shall undertake “a critical review of the project to ensure architectural and design integrity and respect for the urban amenity and character”, as required by Condition A14 a) iv of the Stage 1 SSD Consent.
- 8.5 The time to be set aside for each meeting shall be at least three hours to allow for presentations by the design team, deliberations and formulation of advice by the DRP (which may be in closed session) and the provision of verbal advice to attendees.

- 8.6 The main deliverable of the Martin Place OSD DRP is the written advice (the Advice), which must be distributed on behalf of the Chair (Delegate Chair as relevant), to Panel Members, the Applicant, design team and invitees within 3 working days of the meeting.
- 8.7 All Martin Place OSD DRP discussions, and any material identified as confidential that is provided before, during or after the meeting, are to be treated as confidential. Panel members (and invitees) will be required to sign confidentiality agreements and conflict of interest statements. A conflict of interest register will be retained and updated as required.
- 8.8 The Martin Place OSD DRP written Advice (as confirmed by the Martin Place OSD DRP) and the Applicant's responses are to be submitted with the Stage 2 development application/s. The Secretariat may prepare a summary of the DRP's previous advice, to be lodged with future DAs, which may summarise previous issues that have been resolved and identify any outstanding issues raised by the panel.
- 8.9 The Martin Place OSD DRP's role and function will continue as required by Conditions A14(a)ii and v of the Stage 1 SSD Consent, and any conditions of the Stage 2 consent/s during the assessment and post approval stages in order to ensure design integrity is maintained through to completion of the project.

Appendix 2

OSD DRP advices

04 May 2018

Paul Attwood
Division Director
Macquarie Capital

Via email –
paul.attwood@Macquarie.com

MARTIN PLACE OSD DRP – SESSION 01 01.05.18

Dear Paul,

Consistent with the requirements of the Martin Place OSD DPR Terms of Reference, please find following a summary of advice and recommendations arising from the design review session on Tuesday 01 May.

Please note that this letter and subsequent letters of advice relating to the OSD DRP will be distributed to the meeting attendees listed below.

OSD DRP 01 FOCUS AREA: North Tower (50 Martin Place)

Overall, the Panel supports the design direction to provide a distinctive tower and podium as a way to mediate the relationship with the heritage item at 50 Martin Place. However, the issues outlined below remain to be resolved in order to successfully achieve design excellence for this site.

We note the following issues raised previously by the Sydney Metro DRP in relation to the North Tower of this proposal:

- Wind impacts
- Ground plane (particularly pedestrian modelling and retail analysis which substantiates design direction)
- How the tower meets the ground
- East-west through site link (particularly the intended character and operation of the proposed link)

We note that the ground plane and its design form part of an existing and separate CSSI development, and as such will be reviewed by the Metro DRP (per statutory requirements). Consequently, the comments below which relate to the ground plane are provided in response to the intent to deliver a well-integrated and high-quality design outcome.

We anticipate that the presentation from design teams at the next OSD DRP session (Tuesday 15 May) will respond to the following recommendations:

Form and mass

In general, we support the response to the established street wall and the existing building at 50 Martin Place through a podium / tower form which

mediates a tower to ground form at the northern end of the site and an articulated podium element responding to 50 Martin Place. However, the transition between these formal elements is not yet successfully resolved and we note that resolution of the junction between buildings, particularly in relation to the heritage fabric, will be critical to achieving design excellence on this site.

We anticipate that the next stages of design and the presentation at the next OSD DRP session will address the following issues:

- further development of the form and expression at the Castlereagh and Elizabeth Street corners to demonstrate a robust and clear design intent
- consider greater emphasis to the vertical expression of the tower (noting the distinct and challenging conditions of the relationship between it and 50 Martin Place and distinct from the Hunter St façade)
- the intent and detail of the discontinuous cut back at level 5 in the facade is unclear, particularly on the northern elevation

In response to the requirements outlined in condition 13 of the development consent for SSD 8351, we anticipate that the next presentation to the OSD DRP will demonstrate exploration of impacts on and opportunities to improve solar access to Martin Place through:

- modulation of the overall form and expression – particularly the geometry of the towers curve
- clarification as to whether or not the building impacts solar access to Martin Place

We also anticipate further information demonstrating the likely wind impacts of the current proposal.

Architectural expression

We support the use of a consistent architectural language of curved elements throughout the proposed tower and podium and carried through to the station below, to provide coherence across the site and to support intuitive wayfinding. However, further information and a better overall explanation of a strong architectural intent is required as well as demonstration of how this intent supports the transition between key elements – in particular where the podium/tower form adjacent to 50 Martin Place transitions to a tower to ground form at the Castlereagh and Elizabeth Street corners around to Hunter Street.

We anticipate that the next stages of design and the presentation at the next OSD DRP session will address the following issues:

- further information is required to evaluate the appropriateness of the architecture of the podium and its relationship to the heritage facade of 50 Martin Place
- further exploration of opportunities to celebrate the tower as a whole and potential to emphasise differentiation of the Hunter St entrance and elevation (this should be allied with further investigation as to articulation and expression of columns and structure at street level)
- currently no clear rationale for the form and geometry of the ‘oculus’ which characterises the southern elevation of the tower – further detailed information is required that demonstrates:

- the dimensions of the curve and the proportions of the clear glass element of the façade,
- the distance from and relationship to the heritage item on 50 Martin Place and the dome above it.
- further exploration of opportunities to strengthen the relationship between tower, podium, Elizabeth St and Hunter St facades and entrances, and achieve a singularity of expression which may also resolve the current tension between formal elements
- further consideration of the Hunter Street entrance and façade, particularly opportunities to set glass line back further to provide more generous streetscape where there is a steep gradient and likely a strong desire line for pedestrians
- exploration of alternate approaches to column expression where sandstone wall treatment ends on both Elizabeth and Castlereagh Streets to demonstrate relationship between curtain wall and structure (the current approach is not supported)

In order to evaluate the design quality of the proposal, the following further information is required:

- approach to the expression of lift pits visible from Castlereagh St
- materials and details overall, and particularly of facade treatment (particularly as it relates to moderating the competing conditions noted above)
- material treatment, details, extent, and height of canopies and ventilating louvres at lower levels of the facade
- detail response to Metro and other service requirements for street level vehicular access

Street level

Overall, the architecture of the podium is not currently well resolved in its relationship to the street. We anticipate that the next stages of design will address this issue, particularly in relation to the following:

- exploration of opportunities to deploy a less generic approach to articulation and expression of ventilating louvres (note, in general the vertical stacking of these louvres is supported)
- exploration of approach to awnings and canopies expression and scale which reflects the scale and strength of the tower (please also provide further information clarifying current canopy requirements for this site)
- further information relating to pedestrian modelling and numbers which are informing the design approach

Through site link

Noting the opportunity for a true public connection – which is strongly supported – we are concerned that, because of the current approach to podium form, the opportunity to provide a generous and publicly accessible through site link has been diminished and is subservient to street wall continuity.

Further information is required in order for us to comment on the quality of the proposed through site link. The following issues should be addressed at the next OSD DPR session:

- detail of material palette and architectural expression which supports the intended relationship to 50 Martin Place
- further information relating to the intended character and operation of the space, which should emphasise the publicness of the connection
- access to the through site link seems currently seems overly constricted from the Castlereagh Street site (acknowledging the design of this element is still in process and subject to adjacent Metro and other service requirements)
- verify awning requirements for the entrances to the through site link – noting the proposed discontinuous awning is in question

Next OSD DPR session – Tuesday 15 May

Please note, for the next and all future OSD DPR sessions we will require a hard copy of presentation drawings for all panel members for their reference during the discussion. In addition to the information requested above, the next presentation should also include: shadow diagrams; floor plans through the tower; wind and solar study outcomes (and discussion relating to Condition 13); demonstration of connectivity between the new and existing buildings on this site, including the through site link.

Please ensure that a pre-briefing package which includes all presentation materials is made available to all panel three days prior to the next meeting. Please also note that Bob Nation is not available for the next meeting but that his written comments will be provided in response to the pre-briefing package.

Sincerely,



Peter Poulet
Government Architect, NSW
Chair, Martin Place OSD DPR

CC

Panel members - Yvonne von Hartel, John Choi, Bob Nation, Graham Jahn, Kim Crestani, Tony Caro, Peter Phillips, Ben Hewett
Macquarie - Murray Coleman, Anthony Henry, Phil Ransom
Savills - Stephanie Ballango
JPW - Paul van Ratingen
Grimshaw - Paul Byrne
Tzannes - Alec Tzannes
Ethos - Alexis Cella
Transport - Todd Murphy, Sue Heartsch
DPE - Ben Lusher, Brendon Roberts

10 July 2018

Paul Attwood
Division Director
Macquarie Capital

Via email –
paul.attwood@Macquarie.com

MARTIN PLACE OSD DRP – SESSION 05 03.07.18

Dear Paul,

Consistent with the requirements of the Martin Place OSD DPR Terms of Reference, please find following a summary of advice and recommendations arising from the fifth design review session on Tuesday 3 July.

Please note that this letter and subsequent letters of advice relating to the OSD DRP will be distributed to the meeting attendees listed below.

We note that the ground plane and its design form part of an existing and separate CSSI development, and as such will be reviewed by the Metro DRP (per statutory requirements). Consequently, the comments below which relate to the ground plane are provided in response to the intent to deliver a well-integrated and high-quality design outcome.

Follow up from OSD DRP sessions 01, 02, 03 and 04

While material was presented to demonstrate response to the issues outlined below, overall we are not convinced that these responses are adequate or that they yet represent design excellence for the scheme as a whole.

The following issues (relating to advice arising following DRP 01, 02, 03 and 04) are yet to be resolved in order to achieve design excellence. We also note that the following comments are consistent with advice previously provided by the Metro DRP.

North Tower

Form and mass

In general, we support the response to the established street wall and the existing building at 50 Martin Place through a podium / tower form which mediates a tower to ground form at the northern end of the site and an articulated podium element responding to 50 Martin Place.

Issues arising:

We note that the junction and scale between the existing and proposed buildings, particularly in relation to the heritage fabric, will be critical to achieving design excellence on this site and has yet to be successfully resolved. The proposed setback of 6m, which has resulted in a narrower base (north to south) of the tower, has improved the approach to the southern elevation. However, it has had the detrimental effect of reducing the corner curvature and increasing the extent of the flat surface on the east and west elevations.

In response to the requirements outlined in condition 13 of the development consent for SSD 8351, we are unable to evaluate the shadow impact of the revised form and mass of the north tower without the provision of shadow diagrams to understand its impact on sun access to Martin Place.

While there seem to be opportunities to improve sun access to Martin Place, no further evidence has been provided and we are concerned that the reduction in curvature and the increase in east and west elevations may exacerbate overshadowing to Martin Place in addition to that resulting from the approved envelope, which is unacceptable.

New comments – to be resolved:

- the impact of the revised form and mass on the extent of flat surface on the east and west elevations
- shadow studies to understand the impact of the revised form and mass on sun access to Martin Place.

Architectural expression

Issues arising:

We note fins on the east and west elevations distinguish the podium from the tower and reference the elements and scale of 50 Martin Place. Further separation has been provided by the introduction of a recessed terrace where the tower meets the podium roof level. While this approach is supported, we believe the distinction between the podium and tower would be improved by extending the recessed terrace further north, in line with the fins.

We anticipate further information will be provided at the next review session to understand the colouration and material quality of the proposal overall. We are concerned about the impact of the extent of glass, particularly on the western elevation which overlooks the lift bank, and note that support will be contingent on demonstrating an appropriate response to achieving ESD.

We support the proposed 6m setback of the tower from the lift over-runs above 50 Martin Place, but note this is the minimum setback acceptable.

New comments – to be resolved:

- notwithstanding changes presented, the tower has been compromised by

the reduced curvature and flattening of the east and west tower facades – we recommend consideration be given to increasing the radius of the corners of the tower to create a more organic form, reduce the overall bulk and mass, and reduce the likelihood of overshadowing

- we recommend consideration be given to increasing the extent of the recessed terrace to strengthen the distinction between the podium and tower
- further detail is required to address how thermal comfort will be achieved.

Comments held over - yet to be resolved:

- the information provided as to the likely effectiveness of shade elements to the south façade suggests these may not be adequate.

We note that reflectivity is confirmed to be at or below 20% and consider this issue resolved, subject to the requested independent review.

Street level

We support the demonstrated improvements to the Hunter Street ground level and entry, including achieving additional footpath width and moving away from the use of solid wall elements to articulate this space.

Issues arising:

The use of plinth elements and the extent of balustrading to resolve level changes at the Elizabeth Street and Hunter Street corner entry interrupts physical and visual links from Chifley Square and Phillip Street and requires further resolution to prioritise these connections.

We are concerned about the extent of inactive frontages to Castlereagh and Elizabeth Streets and recommend design refinement to encourage activation. Where this cannot be achieved, the façade must be well detailed and modelled to make a positive contribution to the street.

New comments – to be resolved:

- further design refinement is required to ensure frontages to Castlereagh and Elizabeth Streets are activated
- we recommend consideration of opportunities for public seating between the columns on the northern elevation to Hunter Street.

Comments held over – yet to be resolved:

- we remain of the view that the architecture of the podium is not currently well resolved in its relationship to the street
- the extent of enclosure and glazing at the Hunter Street entries remains unclear.

Through site link

We remain of the view that a more decisive approach is required to provide a fully open and publicly accessible space. It is critically important that the wayfinding and connections between the through site link and the station entrance should be legible and intuitive, which is not evident in the current approach.

We anticipate the resolution of the through site link will celebrate the commemorative plaque and reveal the viewing window to 50 Martin Place at a future stage.

We request a detailed integrated public art strategy, including proposals to reinstate the Tom Bass sculpture on Hunter Street and Douglas Annand works, be developed.

New comments – to be resolved:

- options for improved weather protection on Castlereagh Street.

Comments held over – yet to be resolved:

- legibility, accessibility and public character of the through site link is not yet adequately resolved
- detail of material palette and architectural expression which supports the intended relationship to 50 Martin Place
- further information relating to the intended character and operation of the space which should emphasise public connections
- access to the through site link still seems overly constricted from Castlereagh Street – we strongly recommend further consideration be given to reducing the steepness of the stairway from Castlereagh Street
- clear wayfinding logic to support the legibility of vertical and horizontal circulation between the through site link and the Hunter Street entrance and the levels above and below.

South Tower

In general, we support the approach to the form and massing of the podium and tower on the south site.

Architectural expression

We support the current approach to podium expression which presents a positive outcome for Martin Place. We also support the architecture of the podium as it relates to Castlereagh and Elizabeth Streets.

We note and support emphasis of the structural elements between the tower and the podium.

We support the proposed articulation of the roofline to address sun access to Hyde Park.

While the proposed decoration of the south façade has merit as a strategy to mitigate the blankness of the southern elevation, we do not support the current approach to this elevation. We strongly recommend resolution of this in relation to the elevation as a whole, considering views from both Castlereagh and Elizabeth Streets.

Acknowledging that there was no further information presented, the overall approach to the south elevation was again discussed.

New comments – to be resolved:

- the intent of the setback above the podium has not been met by the tower, which extends the full height and width of the approved envelope and is likely to result in a poor urban design outcome for the southern end of the street block and adjacent development
- we recommend increasing the setbacks at the south east and south west corners of the tower to improve architectural expression and urban design outcomes for the block

- we request tower floorplans be provided to understand building setbacks above the podium.

Next OSD DRP session

We anticipate that the next review session should address the issues outlined above relating to the North and South Towers as well as further design detail.

Please ensure that a pre-briefing package which includes all presentation materials is made available to all panel members three days prior to the next meeting.

Sincerely,



Peter Poulet
Government Architect, NSW
Chair, Martin Place OSD DRP

CC

Panel members - Yvonne von Hartel, John Choi, Bob Nation, Graham Jahn
Macquarie - Murray Coleman, Anthony Henry, Phil Ransom
Savills - Stephanie Ballango
JPW - Paul van Ratingen
Grimshaw – Paul Byrne
Tzannes – Alec Tzannes
Ethos – Julie Bindon
Transport – Todd Murphy, Sue Heartsch
DPE - Annie Leung

13 August 2018

Paul Attwood
Division Director
Macquarie Capital

Via email –
paul.attwood@Macquarie.com

MARTIN PLACE OSD DRP – SESSION 06 07.08.18

Dear Paul,

Consistent with the requirements of the Martin Place OSD DPR Terms of Reference, please find following a summary of advice and recommendations arising from the sixth design review session on Tuesday 7 August.

Please note that this letter and subsequent letters of advice relating to the OSD DRP will be distributed to the meeting attendees listed below.

We note that the ground plane and its design form part of an existing and separate CSSI development, and as such will be reviewed by the Metro DRP (per statutory requirements). Consequently, the comments below which relate to the ground plane are provided in response to the intent to deliver a well-integrated and high-quality design outcome.

Follow up from OSD DRP sessions 01, 02, 03, 04 and 05

While material was presented to demonstrate response to the issues outlined below (relating to advice arising following DRP 01, 02, 03, 04 and 05), overall the issues are yet to be adequately resolved in order to achieve design excellence for the scheme as a whole.

We support lodgement of the Stage 2 DA, subject to these issues being resolved and design excellence being achieved through ongoing detailed design development. We note that GANSW will also undertake an independent review for the Department of Planning and Environment as part of exhibition of the application.

We also note that the following comments are consistent with advice previously provided by the Metro DRP.

North Tower

Form and mass

In general, we support the response to the established street wall and the existing building at 50 Martin Place through a podium / tower form which mediates a tower to ground form at the northern end of the site and an articulated podium element responding to 50 Martin Place.

We support the proposed 6m setback of the tower from the lift over-runs above 50 Martin Place, and the increased corner curvature which has reduced the extent of flat surface on the east and west elevations from 54m to 49m.

We note that shadow studies for 14 April between 12 and 2pm show that the revised form and mass improves sun access to Martin Place, reducing the area in shadow by 19.1%. We support the reduced shadow impact.

Issues arising:

We note that the junction and scale between the existing and proposed buildings, particularly in relation to the heritage fabric, will be critical to achieving design excellence on this site and has yet to be successfully resolved.

The focus on the setback, corner curvature and extent of flat surface on the east and west elevations has meant the reference to the oculus on the roof of 50 Martin Place, which could be seen on the southern elevation in earlier schemes, is no longer apparent.

New comments – to be resolved:

- further articulation of the southern elevation to reference the oculus of 50 Martin Place
- line drawings of the form and mass should be updated and renders contemporarised.

Architectural expression

We support the northern extension of the recessed terrace where the tower meets the podium which now aligns with the fins on the podium. We also note and support the depth of the east and west terraces of 2 – 3m.

We note and support the thermal comfort studies as presented by ARUP, in particular the use of shading elements, operable blinds and low-e glass. We also support the solution proposed to address the heat load on the western elevation which overlooks the lift bank.

Issues arising:

While further information about the colouration and material quality of the proposal was provided, we are concerned that the palette and its application lack the richness seen in the surrounding buildings and heritage context.

New comments – to be resolved:

- given the standard material palette, the design team should focus on a finer level of detail, including scale, texture and interest, to ensure the craftsmanship of the surrounding buildings is reflected in the proposal
- illustrations should be provided to accurately show colours, transparencies and reflectivities of the proposed glazing.

Street level

We support the demonstrated improvements to the Hunter Street ground level and entry, including achieving additional footpath width and moving away from the use of solid wall elements to articulate this space. The proposal for curved stairs has improved the visual and physical links from Chifley Square and Phillip Street.

Issues arising:

While the proposal for stairs creates a more welcoming corner entrance, the building's interface with Hunter Street is unresolved. We are concerned about the spaces between the building and columns on the northern elevation. We also emphasise the need for the disabled access off Elizabeth Street, which occurs between columns, to be made as generous as possible.

We acknowledge attempts to articulate and activate the frontages to Castlereagh and Elizabeth Streets, however we are concerned that without a high level of detailing and ornamentation at the podium level these frontages will not achieve a positive contribution to the street and the public realm.

New comments – to be resolved:

- further design refinement is required to address how the seating steps meet the column on the northern elevation
- we recommend a series of benchmark ideas and options for street activation be included in the DA and presented for discussion at the next DRP.

Comments held over – yet to be resolved:

- we recommend consideration of opportunities for public seating between the columns on the northern elevation to Hunter Street
- the extent of enclosure and glazing at the Hunter Street entries is unclear
- further design refinement is required to ensure frontages to Castlereagh and Elizabeth Streets are activated.

Through site link

We remain of the view that a more decisive approach is required to provide a fully open and publicly accessible space. It is critically important that the wayfinding and connections between the through site link and the station entrance should be legible and intuitive, which is not evident in the current approach.

We anticipate the resolution of the through site link will celebrate the commemorative plaque and reveal the viewing window to 50 Martin Place at a future stage.

We note and support the awning proposed for improved weather protection on Castlereagh Street, subject to detailed design.

We note and support the public art strategy which includes proposals to reinstate the Tom Bass fountain, Douglas Annand bronze sculpture and Douglas Annand ceramic tile mural. We also support the proposal to reinstate the Institute of Engineers plaque in its original location.

Issues arising:

While we support the awning proposal, we recommend it be lowered as far as possible to improve weather protection, particularly that portion of the awning

which is raised to mark the entrance to the through site link.

While we support the public art strategy, we maintain that views to the artworks should not be obstructed by retail or other conflicting uses and suggest that an exclusion zone for the Tom Bass fountain be considered. We also recommend that the plant, which supports the fountain, be modernised to reduce its size and increase operational efficiency.

New comments – to be resolved:

- further design refinement is required to ensure the awnings which mark entrances to public and private spaces are differentiated
- illustrations should be provided to accurately show the Tom Bass and Douglas Annand artworks in their final situation
- Macquarie's public art strategy, including any public art commissions, is to be included in the DA and presented for discussion at the next DRP.

Comments held over – yet to be resolved:

- legibility, accessibility and public character of the through site link is not yet adequately resolved
- further information relating to the intended character and operation of the space which should emphasise public connections
- access to the through site link still seems overly constricted from Castlereagh Street – we strongly recommend further consideration be given to reducing the steepness of the stairway from Castlereagh Street
- clear wayfinding logic to support the legibility of vertical and horizontal circulation between the through site link and the Hunter Street entrance and the levels above and below.

South Tower

In general, we support the approach to the form and massing of the podium and tower on the south site.

Architectural expression

We support the current approach to podium expression which presents a positive outcome for Martin Place. We also support the architecture of the podium as it relates to Castlereagh and Elizabeth Streets.

We note and support the emphasis of the structural elements between the tower and the podium. We support the proposed articulation of the roofline to address sun access to Hyde Park.

Issues arising:

We note proposals to increase the setbacks at the south east and south west corners of the tower to improve architectural expression and urban design outcomes for the block, however these are not supported. In particular, the proposal for windows on the southern façade should not be pursued.

We strongly recommend resolution of this façade in relation to the elevation as a whole, considering views from both Castlereagh and Elizabeth Streets.

New comments – to be resolved:

- amelioration of the negative impacts of the tall southern wall through articulation and texturing of this façade is to be included in the DA and

presented for discussion at the next DRP.

Comments held over – yet to be resolved:

- we request tower floorplans be provided to understand building setbacks above the podium.

Wayfinding and activation

We note and support the articulation of the ground plane and Metro station entry which achieves a positive contribution to the street.

We acknowledge attempts to activate the frontages to Castlereagh Street and Martin Place through retail uses, however we are concerned that retail fit was presented rather than an overall strategy for activation.

Issues arising:

The internal scale of the Metro station entrance requires further resolution, including heights from ground to mezzanine and mezzanine to ceiling, the pitch of the stair to Elizabeth Street and the depth of beams.

While the proposed food and beverage uses are adequately accommodated and serviced, a significant level of transparency is needed through these spaces to provide visual access to the Metro station facilities. We also note that the retail fronting Martin Place appears low in height, again impeding views into the Metro station.

New comments – to be resolved:

- further design refinement is required to improve the internal scale of the Metro station entrance
- retail activation strategy to be determined to inform the design of retail spaces and their relationship to the public realm and Metro station
- wayfinding strategy and signage to be included in the DA and presented for discussion at the next DRP
- dimensioned sectional drawings to be provided.

Next OSD DRP session

We request that the Stage 2 DA drawings be provided to the panel for review. We anticipate that the next review session should address the issues outlined above as part of detailed design development.

Please ensure that a pre-briefing package, which includes all presentation materials, is made available to all panel members three days prior to the next meeting.

Sincerely,



Peter Poulet
Government Architect, NSW
Chair, Martin Place OSD DRP

CC

Panel members - Yvonne von Hartel, John Choi, Bob Nation, Graham Jahn

Macquarie - Murray Coleman, Anthony Henry, Phil Ransom

Savills - Stephanie Ballango

JPW - Paul van Ratingen

Grimshaw – Paul Byrne

Tzannes – Alec Tzannes

Ethos – Julie Bindon

Transport – Todd Murphy, Sue Heartsch

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18 May 2018

Paul Attwood
Division Director
Macquarie Capital

Via email –
paul.attwood@Macquarie.com

MARTIN PLACE OSD DRP – SESSION 02 15.05.18

Dear Paul,

Consistent with the requirements of the Martin Place OSD DPR Terms of Reference, please find following a summary of advice and recommendations arising from the second design review session on Tuesday 15 May.

Please note that this letter and subsequent letters of advice relating to the OSD DRP will be distributed to the meeting attendees listed below.

We note that the ground plane and its design form part of an existing and separate CSSI development, and as such will be reviewed by the Metro DRP (per statutory requirements). Consequently, the comments below which relate to the ground plane are provided in response to the intent to deliver a well-integrated and high-quality design outcome.

Follow up from OSD DRP session 01 – Tuesday 01 May

The issues outlined below following DRP 01 are noted as either having been successfully addressed or as remaining to be resolved in order to achieve design excellence for this site.

Form and mass

In general, we support the response to the established street wall and the existing building at 50 Martin Place through a podium / tower form which mediates a tower to ground form at the northern end of the site and an articulated podium element responding to 50 Martin Place. However, the transition between these formal elements is not yet successfully resolved. We also note that resolution of the junction and scale between buildings, particularly in relation to the heritage fabric, will be critical to achieving design excellence on this site.

The following issues are yet to be resolved:

- the scale relationship and visual space between the northern tower form to 50 Martin Place
- further development of the form and expression at the Castlereagh and Elizabeth Street corners to demonstrate a robust and clear design intent
- consider greater emphasis to the vertical expression of the tower (noting the distinct and challenging conditions of the relationship between it and 50 Martin Place and distinct from the Hunter St façade)
- the intent and detail of the discontinuous cut back at level 5 in the facade is unclear, particularly on the northern elevation

In response to the requirements outlined in condition 13 of the development consent for SSD 8351, we note the animation provided which demonstrate exploration of some opportunities which may improve solar access to Martin Place. However, we anticipate further information at the next review including shadow diagrams at 15min intervals on the solstice and equinox. We also note that any changes to the geometry and form of the north tower will require these revisions of these analyses.

We note provision of information demonstrating the likely wind impacts of the current proposal.

Architectural expression

We note that the issues raised in relation to the architectural expression of the north tower still stand (please refer my letter of 04 May for detail) and anticipate these will be addressed at a subsequent review session.

While we note the information provided relating to the junction between the tower and the heritage building below, the current relationship requires further resolution.

In addition, we encourage further exploration of architectural expression resulting from passive solar solutions particularly in relation to glass façade elements.

Street level

Overall, we remain of the view that the architecture of the podium is not currently well resolved in its relationship to the street. We note the provision of information relating to awnings.

The following issues are yet to be resolved:

- exploration of opportunities to deploy a less generic approach to articulation and expression of ventilating louvres (note, in general the vertical stacking of these louvres is supported)
- further information relating to pedestrian modelling and numbers which are informing the design approach

Through site link

While we support the opportunity for a true public connection, the legibility, accessibility and public character of the through site link is not yet adequately resolved. The current approach to Elizabeth and Castlereagh Street entries is unclear and we therefore recommend a more decisive approach to either

provide a fully open and publicly accessible space, or an enclosed lobby space. It is critically important that the wayfinding and connections between the through site link and the station entrance should be legible and intuitive, which is not evident in the current approach.

The following issues should be addressed at the next OSD DPR session:

- detail of material palette and architectural expression which supports the intended relationship to 50 Martin Place
- further information relating to the intended character and operation of the space, which should emphasise the publicness of the connection
- access to the through site link seems currently seems overly constricted from the Castlereagh Street site (acknowledging the design of this element is still in process and subject to adjacent Metro and other service requirements)

In addition, we recommend further development of wayfinding logic to support the legibility of vertical and horizontal circulation between the through site link as well as the Hunter Street entrance and the levels above and below. Further information is required that demonstrates the logic of vertical and horizontal circulation pathways.

OSD DRP 02 FOCUS AREA: South Tower

In general, the panel supports the approach the form and massing of the podium and tower on the south site.

Architectural expression

In response to the presentation drawings which demonstrated a current and an earlier approach to architectural expression, the panel has a strong preference for the earlier approach. In our view the earlier approach demonstrates a stronger and more distinctly contemporary expression, particularly of the podium, appropriate to the prominence of the site.

We support a consistent approach the expression of both tower and podium including the expression of levels above and below the plant. However, we recommend further exploration of opportunities to further strengthen this singular expression, including:

- emphasising the structural elements between the tower and the podium,
- a more successful transition to the south façade at the level of the plant as a way to respond to the intent of setbacks at this level and to mitigate the blankness of the southern elevation
- potential to recess plant at the southern end of the east and west sides

In general, we support the proposed material expression. However, further information is required that demonstrates more clearly the articulation of the roofline and the outcome of explorations to address sun access to Hyde Park, including location and handling of roof plant.

The current approach to the southern elevation is not supported. The approach exposes the southern party wall to the street. Further information is required that demonstrates how form and expression responds to the objectives of the setback control -- in particular, reducing visual impact of built form above

podium. Further consideration should be given to the impact of the proposed scheme on future development to the south.

Further information is required that demonstrates the expression and likely impact of the podium to the street level on Castlereagh Street.

Next OSD DRP session – Tuesday 05 June

We anticipate that the next review session should address the issues outlined above relating to the North and South Towers as well as further design detail.

Please ensure that a pre-briefing package which includes all presentation materials is made available to all panel three days prior to the next meeting.

Sincerely,

Yvonne von Hartel
Co-chair, Martin Place OSD DRP

On behalf of:
Peter Poulet
Government Architect, NSW
Chair, Martin Place OSD DRP

CC
Panel members - Yvonne von Hartel, John Choi, Bob Nation, Graham Jahn, Ben Hewett
Macquarie - Murray Coleman, Anthony Henry, Phil Ransom
Savills - Stephanie Ballango
JPW - Paul van Ratingen
Grimshaw – Paul Byrne
Tzannes – Alec Tzannes
Ethos – Alexis Cella
Transport – Todd Murphy, Sue Heartsch
DPE - Annie Leung

07 June 2018

Paul Attwood
Division Director
Macquarie Capital

Via email –
paul.attwood@Macquarie.com

MARTIN PLACE OSD DRP – SESSION 03 05.06.18

Dear Paul,

Consistent with the requirements of the Martin Place OSD DPR Terms of Reference, please find following a summary of advice and recommendations arising from the third design review session on Tuesday 05 June.

Please note that this letter and subsequent letters of advice relating to the OSD DRP will be distributed to the meeting attendees listed below.

We note that the ground plane and its design form part of an existing and separate CSSI development, and as such will be reviewed by the Metro DRP (per statutory requirements). Consequently, the comments below which relate to the ground plane are provided in response to the intent to deliver a well-integrated and high-quality design outcome.

We anticipate that the next presentation to the panel should include updated drawings and visualisations corresponding to recent design updates.

Follow up from OSD DRP sessions 01 and 02 – 01 May; 15 May

Overall, insufficient material was presented to demonstrate response to the issues outlined below. The panel remain of the view that the following issues (relating to advice arising following DRP 01 and 02) are yet to be resolved in order to achieve design excellence. We also note that the following comments are consistent with advice previously provided by the Metro DRP.

North Tower

Form and mass

In general, we support the response to the established street wall and the existing building at 50 Martin Place through a podium / tower form which mediates a tower to ground form at the northern end of the site and an articulated podium element responding to 50 Martin Place. However, the transition between these formal elements is not yet successfully resolved. We also note that the junction and scale between the existing and proposed buildings, particularly in relation to the heritage fabric, will be critical to achieving design excellence on this site and has yet to be successfully resolved.

Comments held over - yet to be resolved:

- the scale relationship and visual space between the northern tower form to 50 Martin Place
 - the panel recommend that a narrower base (north to south) of the tower could benefit the proposal overall in terms of mitigating the appearance of the tower's bulk and mass from street level
- further development of the form and expression at the Castlereagh and Elizabeth Street corners to demonstrate a robust and clear design intent
- consider greater emphasis to the vertical expression of the tower
- the intent and detail of the discontinuous cut back at level 10 (note this was previously understood in error as level 5) in the facade is unclear, particularly on the northern elevation

In response to the requirements outlined in condition 13 of the development consent for SSD 8351, we note the provision of shadow diagrams at 15min intervals on the solstice and equinox. While there seem to be opportunities to improve sun access to Martin Place, we remain concerned overall that there may still be overshadowing to Martin Place in addition to that resulting from the approved envelope, which is unacceptable. We also note that any changes to the geometry and form of the north tower will require these revisions of these analyses.

We note provision of updated information demonstrating the likely wind impacts of the current proposal and consider this issue resolved.

Architectural expression

We note that the issues raised in relation to the architectural expression of the north tower still stand (please refer my letter of 04 May for detail) and expect these to be addressed at a subsequent review session.

Further information is required which demonstrates resolution of the junction between the tower and the heritage building:

- the panel anticipates a clear visual distinction or separation at the junction between the existing and proposed podium elements
- the panel recommend consideration be given to a greater setback of the tower from the lift over-runs above 50 Martin Place, particularly on the western side

We note exploration of architectural expression resulting from passive solar solutions particularly in relation to glass façade elements, however further demonstration of effectiveness and impact of reflective glazing applied to the curved form is required. In addition:

- further information is required to demonstrate the likely effectiveness of shade elements on the south façade
- further information is required to demonstrate the extent to which expression of the podium façade is continuous with that of the tower
- we recommend reflectivity be kept below 20%
- we request an independent review be undertaken of the reflectivity report

Street level

We support the demonstrated improvements to the Hunter Street ground level and entry, although the extent of enclosure and glazing is unclear. We anticipate updated three dimensional or visualisation drawings will be provided at a subsequent review which reflect the current location of the glass line and the proposed strategies to address level changes. Further information is also required to clarify what is the unobstructed clearance between proposed columns and street trees

Overall, however we remain of the view that the architecture of the podium is not currently well resolved in its relationship to the street.

Comments held over - yet to be resolved:

- while vertical stacking of louvres is generally supported, we recommend exploration of opportunities to deploy a less generic approach to articulation and expression of ventilating louvres

We note the provision of further information relating to pedestrian modelling and numbers although we note these relate to the determination of the CSSI.

Through site link

While we support the opportunity for a true public connection, the legibility, accessibility and public character of the through site link is not yet adequately resolved. We remain of the view that a more decisive approach is required to provide a fully open and publicly accessible space. It is critically important that the wayfinding and connections between the through site link and the station entrance should be legible and intuitive, which is not evident in the current approach.

Comments held over - yet to be resolved:

- detail of material palette and architectural expression which supports the intended relationship to 50 Martin Place
- further information relating to the intended character and operation of the space, which should emphasise the publicness of the connection
- access to the through site link seems currently seems overly constricted from the Castlereagh Street site (acknowledging the design of this element is still in process and subject to adjacent Metro and other service requirements)
- clear wayfinding logic to support the legibility of vertical and horizontal circulation between the through site link as well as the Hunter Street

entrance and the levels above and below - current analysis of paths of travel is unconvincing

South Tower

In general, the panel supports the approach the form and massing of the podium and tower on the south site.

Architectural expression

In response to the presented approaches to architectural expression, the panel has a strong preference for the earlier approach (presented to the Metro DRP in November 2017). We remain of the view that the earlier approach demonstrates a stronger and more distinctly contemporary expression, particularly of the podium, appropriate to the prominence of the site.

We note that the planning of lower levels of the podium has advanced in relation to Martin Place, however further information is required which demonstrates the relationship with Martin Place, Elizabeth and Castlereagh Streets. We also anticipate that updated elevations and visualisations will be provided that reflect these changes in design.

The proposed decoration of the south façade has merit as a strategy to mitigate the blankness of the southern elevation. However, resolution of this approach could be stronger and should be considered in relation to the elevation as a whole. In addition, it is yet to respond to the intent of setbacks at this level.

Comments held over - yet to be resolved:

- emphasising the structural elements between the tower and the podium
- articulation of the roofline and the outcome of explorations to address sun access to Hyde Park, including location and handling of roof plan
- expression and likely impact of the podium to the street level on Castlereagh Street

Next OSD DRP session – Monday 18 June

We anticipate that the next review session should address the issues outlined above relating to the North and South Towers as well as further design detail.

Please ensure that a pre-briefing package which includes all presentation materials is made available to all panel three days prior to the next meeting.

Sincerely,



Peter Poulet
Government Architect, NSW
Chair, Martin Place OSD DRP

CC

Panel members - Yvonne von Hartel, John Choi, Bob Nation, Graham Jahn, Ben Hewett

Macquarie - Murray Coleman, Anthony Henry, Phil Ransom

Savills - Stephanie Ballango

JPW - Paul van Ratingen

Grimshaw – Paul Byrne

Tzannes – Alec Tzannes

Ethos – Julie Bindon

Transport – Todd Murphy, Sue Heartsch

DPE - Annie Leung

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21 June 2018

Paul Attwood
Division Director
Macquarie Capital

Via email –
paul.attwood@Macquarie.com

MARTIN PLACE OSD DRP – SESSION 04 18.06.18

Dear Paul,

Consistent with the requirements of the Martin Place OSD DPR Terms of Reference, please find following a summary of advice and recommendations arising from the third design review session on Monday 18 June.

Please note that this letter and subsequent letters of advice relating to the OSD DRP will be distributed to the meeting attendees listed below.

We note that the ground plane and its design form part of an existing and separate CSSI development, and as such will be reviewed by the Metro DRP (per statutory requirements). Consequently, the comments below which relate to the ground plane are provided in response to the intent to deliver a well-integrated and high-quality design outcome.

Follow up from OSD DRP sessions 01, 02 and 03

While material was presented to demonstrate response to the issues outlined below, overall the panel are not convinced that these responses are adequate or that they yet represent design excellence for the scheme as a whole.

The following issues (relating to advice arising following DRP 01, 02 and 03) are yet to be resolved in order to achieve design excellence. We also note that the following comments are consistent with advice previously provided by the Metro DRP.

North Tower

Form and mass

In general, we support the response to the established street wall and the existing building at 50 Martin Place through a podium / tower form which mediates a tower to ground form at the northern end of the site and an articulated podium element responding to 50 Martin Place. The current resolution of the tower to ground of the Hunter Street elevation is generally improved.

Issues arising:

We note that the junction and scale between the existing and proposed buildings, particularly in relation to the heritage fabric, will be critical to achieving design excellence on this site and has yet to be successfully resolved. The proposed approach to cutting the tower away from 50 Martin Place lift over-runs is not supported. We remain of the view that a narrower base (north to south) of the tower could benefit the proposal overall. We also recommend further interrogation of appropriate scaling of elements to express the base, middle and top of the podium with reference to the elements of 50 Martin Place.

In response to the requirements outlined in condition 13 of the development consent for SSD 8351, we note the provision of shadow diagrams at 15min intervals on the solstice and equinox. While there seem to be opportunities to improve sun access to Martin Place, no further evidence has been provided and we remain concerned overall that there may still be overshadowing to Martin Place in addition to that resulting from the approved envelope, which is unacceptable.

Acknowledging the likely impact to floorplate sizes, in the interests of positively contributing to public realm we strongly recommend further exploration of remodelling the geometry and form of the north tower in order to address the issue of sunlight access to Martin Place. We note that the proposed form also lends itself to a greater emphasis of curvature.

Further comments held over - yet to be resolved:

- the scale relationship and visual space between the northern tower form to 50 Martin Place (see above)
- noting the removal of the discontinuous cut back at level 10, except on the northern elevation, the panel note this has resulted in a dilution of the distinction between tower and podium

We note provision of information demonstrating the likely wind impacts of the current proposal and consider this issue resolved.

We note the improvements to form and expression at the Castlereagh and Elizabeth Street corners demonstrate a clearer design intent.

Architectural expression

Issues arising:

The transition between the tower and podium elements is not yet successfully resolved. Changes to the overall design have resulted in the podium expression

becoming diluted, which is not supported. The current approach to the podium is insufficient to maintain its clear expression and formal relationship to 50 Martin Place, particularly at the south end of the podium. Additionally, the current approach exacerbates the appearance of overbearing bulk and scale on the east and west elevations.

We anticipate further information will be provided at the next review session to understand the colouration and material quality of the proposal overall. We note that any support for the current direction will be contingent on demonstrating an appropriate quality and palette of materials.

Further comments held over - yet to be resolved:

- the panel strongly recommend consideration be given to a greater setback of the tower from the lift over-runs above 50 Martin Place, particularly on the western side
- notwithstanding changes presented, the vertical expression of the tower is yet to be optimally emphasised – we recommend further consideration of interior spaces and volumes may help to resolve a greater degree of verticality
- the information provided as to the likely effectiveness of shade elements to the south façade suggests these may not be adequate
- we request an independent review be undertaken of the reflectivity report

The panel supports the proposed separation at the junction between the existing building and proposed podium element.

We note that reflectivity is proposed at below 20% and strongly recommend this level should be retained.

Street level

We support the demonstrated improvements to the Hunter Street ground level and entry.

Issues arising:

The use of wall and plinth elements to resolve level changes at the Elizabeth Street and Hunter Street corner entry is not supported and should be reconsidered.

Comments held over - yet to be resolved:

- we remain of the view that the architecture of the podium is not currently well resolved in its relationship to the street
- the extent of enclosure and glazing remains unclear at Hunter Street entries

We note the provision of further information relating to pedestrian modelling and numbers although we note these relate to the determination of the CSSI.

We support the proposed approach to articulation and expression of ventilating louvres and consider this issue resolved.

Through site link

We remain of the view that a more decisive approach is required to provide a fully open and publicly accessible space. It is critically important that the wayfinding and connections between the through site link and the station entrance should be legible and intuitive, which is not evident in the current approach.

Comments held over - yet to be resolved:

- legibility, accessibility and public character of the through site link is not yet adequately resolved
- detail of material palette and architectural expression which supports the intended relationship to 50 Martin Place
- further information relating to the intended character and operation of the space, which should emphasise the publicness of the connection
- access to the through site link still seems overly constricted from the Castlereagh Street site – we strongly recommend further consideration be given to reducing the steepness of the stairway up from Castlereagh Street
- clear wayfinding logic to support the legibility of vertical and horizontal circulation between the through site link and the Hunter Street entrance and the levels above and below - current analysis of paths of travel remains unconvincing

South Tower

In general, the panel supports the approach to the form and massing of the podium and tower on the south site.

Architectural expression

Comments held over - yet to be resolved:

While the proposed decoration of the south façade has merit as a strategy to mitigate the blankness of the southern elevation, we do not support the current approach to this elevation. We strongly recommend strengthening the resolution of this in relation to the elevation as a whole, considering views from both Castlereagh and Elizabeth Streets.

We support the current approach to podium expression which presents a positive outcome for Martin Place. We also support the architecture of the podium as it relates to Castlereagh and Elizabeth Streets.

We note and support emphasis of the structural elements between the tower and the podium.

We support the proposed articulation of the roofline to address sun access to Hyde Park.

Next OSD DRP session – Tuesday 02 July

We anticipate that the next review session should address the issues outlined above relating to the North and South Towers as well as further design detail.

Please ensure that a pre-briefing package which includes all presentation materials is made available to all panel three days prior to the next meeting.

Sincerely,



Peter Poulet
Government Architect, NSW
Chair, Martin Place OSD DRP

CC

Panel members - Yvonne von Hartel, John Choi, Bob Nation, Graham Jahn

Macquarie - Murray Coleman, Anthony Henry, Phil Ransom

Savills - Stephanie Ballango

JPW - Paul van Ratingen

Grimshaw – Paul Byrne

Tzannes – Alec Tzannes

Ethos – Julie Bindon

Transport – Todd Murphy, Sue Heartsch

DPE - Annie Leung

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20 December 2018

Paul Attwood
Division Director
Macquarie Capital

Via email –
paul.attwood@Macquarie.com

MARTIN PLACE OSD DRP – SESSION 07 18.12.18

Dear Paul,

Consistent with the requirements of the Martin Place OSD DPR Terms of Reference, please find following a summary of advice and recommendations arising from the seventh design review session on Tuesday 18 December.

Please note that this letter and subsequent letters of advice relating to the OSD DRP will be distributed to the meeting attendees listed below.

We note that the ground plane and its design form part of an existing and separate CSSI development, and as such will be reviewed by the Metro DRP (per statutory requirements). Consequently, the comments below which relate to the ground plane are provided in response to the intent to deliver a well-integrated and high-quality design outcome.

Follow up from OSD DRP sessions 01, 02, 03, 04, 05 and 06

While material was presented to demonstrate response to the issues outlined below (relating to advice arising following DRP 01, 02, 03, 04, 05 and 06), overall the issues are yet to be adequately resolved in order to achieve design excellence for the scheme as a whole.

We understand that the application has been exhibited and that a response to submissions is being prepared to address the submissions received, including from GANSW. We note GANSW will undertake an independent review of this response for the Department of Planning and Environment as part of its assessment of the application.

We also note that the following comments are consistent with advice previously provided by the Metro DRP.

North Tower

Form and mass

In general, we support the approach to the form and massing of the podium and tower on the north site.

We support the approach to referencing the oculus in the southern elevation of the tower, which is achieved through the choice of glazing and sun shading as per 50 Martin Place, creating an oval shape.

Issues arising:

We remain concerned that the junction and scale between the existing and proposed buildings, particularly in relation to the heritage fabric, will be critical to achieving design excellence on this site and we are yet to see evidence that this is to be successfully resolved.

New comments – to be resolved:

- details of proposed glazing including colours, level of transparency, reflectivity and benchmark examples
- details of the materials palette and expression.

Architectural expression

We note a commitment was made to address the materials palette and expression in a subsequent DRP. As a result, both new comments and outstanding comments made at the previous DRP are provided below.

Previous comments:

We are concerned about the complexity of the façade design and expectations for environmental performance.

We are concerned that the palette and its application lack the richness seen in the surrounding buildings and heritage context.

New comments – to be resolved:

- details of program for materials prototyping
- we recommend that a façade design presentation be made to an independent expert to assess the façade engineering and environmental performance (to be convened by the DRP).

Comments held over – yet to be resolved:

- given the suggested materials palette, the design team should focus on a finer level of detail, including scale, texture and interest, to ensure the craftsmanship of the surrounding buildings is reflected in the proposal
- illustrations should be provided to accurately show colours, transparencies and reflectivities of the proposed glazing.

Street level

We support the design development undertaken to minimise the feathered steps on the corner of Hunter and Elizabeth Streets, and to declutter the public domain.

We support the increased width off Elizabeth Street which provides a generous opening for disabled access.

We support the security gates to the corner entrances which align with the facades above.

Issues arising:

We are concerned about the extent of bollards along the Hunter Street façade and their proposed extension to the corner entrances.

We are concerned about the lack of clarity in and around this space including levels, voids, extent of walls, provision of balustrades etc., and specifically how steps are broken up by handrails or walls, and the junction between seating steps and columns.

While we understand that introducing seating along the Hunter Street façade may create a visual barrier when exiting the Metro, we remain concerned about the activation of the space between the building and columns on this elevation.

We acknowledge attempts to articulate and activate the frontages to Castlereagh and Elizabeth Streets, however we remain concerned that without a high level of detailing and ornamentation at the podium level these frontages will not achieve a positive contribution to the street and the public realm.

New comments – to be resolved:

- details of bollard design and exploration of alternatives such as an integrated approach where mullions might be used, or trees and level changes
- larger scale drawings showing details in and around the entrances off Elizabeth and Castlereagh Streets including how the seating steps meet the column on the northern elevation, opportunities for public gathering between the columns on the northern elevation, and the extent of enclosure and glazing at the entrances.

Comments held over – yet to be resolved:

- further design refinement is required to ensure frontages to Castlereagh and Elizabeth Streets are activated
- we note a commitment to address activation opportunities and recommend a series of benchmark ideas and options for street activation be presented for discussion at the next DRP.

Through site link

We remain of the view that a more decisive approach is required to provide a fully open and publicly accessible space. It is crucially important that if this is to be a public room, that details and materials reflect this approach, and that any commercial signage or branding doesn't detract from the public nature and feel of this space.

We note and support the heights of awnings which differentiate the entrances to public and private spaces. We note the height on Elizabeth Street references the stone datum of 50 Martin Place, and the raised awning on Castlereagh Street accords with Metro requirements. We note there is no awning to the corner entrance on Hunter and Castlereagh Streets as the architects propose that this entrance does not require the visual and physical links associated with Chifley Square and Phillip Street.

We note and support the Martin Place public art strategy. We note that Macquarie's public art strategy is being developed to reflect Sydney Metro's art strategy with the aim of ensuring cohesiveness across the precinct.

We support the new locations for the reinstated artworks which are now within visual proximity of each other.

Issues arising:

While we support the locations of the artworks, careful consideration should be given to the base materials in which they sit (or are mounted), particularly the Tom Bass fountain which we believe is unsuited to an anodised aluminium surround, and similarly the Douglas Annand bronze sculpture. We are also concerned about the proposed mounting height of both these artworks, noting that the sculpture was originally mounted at a height of approximately 3 metres above an entrance doorway.

We note the need for gates to secure the through-site link after hours, however these must not conflict with the reinstated artworks.

New comments – to be resolved:

- exploration of extension of masonry elements from outside to in to reflect public character of the through-site link
- exploration of materials that are compatible with the calibre of the reinstated artworks
- exploration of the height of the Tom Bass fountain and Douglas Annand bronze sculpture to reflect historic placement and enhance viewer experience
- confirmation that the security gate off Elizabeth Street is located at the innermost end of the entrance
- presentation of Macquarie's public art strategy for discussion at a subsequent DRP (likely April 2019).

Comments held over – yet to be resolved:

- legibility, accessibility and public character of the through site link is not yet adequately resolved
- further information relating to the intended character and operation of the space which should emphasise public connections
- access to the through site link still seems overly constricted from Castlereagh Street – we strongly recommend further consideration be given to reducing the steepness of the stairway from Castlereagh Street
- clear wayfinding logic to support the legibility of vertical and horizontal circulation between the through site link and the Hunter Street entrance and the levels above and below.

South Tower

Architectural expression

In general, we support the approach to the form and massing of the podium and tower on the south site. We remain concerned about the resolution of the southern façade.

Issues arising:

We note proposals for the podium to respond to the context and strongly recommend that no further articulation is applied to the southern façade above the height of neighbouring podiums including at 50 Martin Place.

While proposals to articulate and texture the tall southern façade go some way towards ameliorating the negative impacts of this wall, we remain concerned about its impact on urban design outcomes for the block. We note the tower floor plans above the podium level show more flexibility in the location of the structure than was previously understood which might allow articulation and detailing of the south east and south west corners of the tower to be reconsidered. Articulation of these corners would eliminate a continuous street wall, which would likely occur if future development to the south had no setbacks above the podium.

We are concerned that the heat load to the western façade has not been considered, and that the approach to overall environmental sustainability is unclear.

New comments – to be resolved:

- resolution of the tall southern wall in relation to the elevation as a whole, considering views from both Castlereagh and Elizabeth Streets
- need for sun shading to the western façade of the tower
- we recommend presentation to an independent expert to assess the environmental performance of the building (to be convened by the DRP)
- further details in relation to the materials palette, including terracotta tiles proposed for the podium and southern façade of the tower, and the importance of retaining convex and concave glass to the podium rather than faceted glazed panels
- clarification of the resolution of the top of the building (which currently shows an 'open' plant enclosure).

Wayfinding and activation

We note a commitment was made to address wayfinding, legibility and accessibility in a subsequent DRP. As a result, outstanding comments made at the previous DRP are provided below.

Issues arising:

The internal scale of the Metro station entrance requires further resolution, including heights from ground to mezzanine and mezzanine to ceiling, the pitch of the stair to Elizabeth Street and the depth of beams.

While the proposed food and beverage uses are adequately accommodated and serviced, a significant level of transparency is needed through these spaces to provide visual access to the Metro station facilities. We also note that the retail fronting Martin Place appears low in height, again impeding views into the Metro station.

Comments held over – yet to be resolved:

- further design refinement is required to improve the internal scale of the Metro station entrance
- retail activation strategy to be determined to inform the design of retail spaces and their relationship to the public realm and Metro station

- wayfinding strategy and signage to be presented for discussion at the next DRP.

Next OSD DRP session

We understand that the next DRPs will address pending changes, as well as materials, wayfinding and retail and activation strategies. We anticipate that in addition to these items, the next review sessions will also address the issues outlined above as part of detailed design development.

Please ensure that a pre-briefing package, which includes all presentation materials, is made available to all panel members three days prior to the next meeting.

Sincerely,



Yvonne von Hartel AM
Acting Chair, Martin Place OSD DRP

CC

Panel members – Kim Crestani, Bob Nation, Peter Phillips, John Choi, Graham Jahn, Olivia Hyde

Macquarie - Murray Coleman, Anthony Henry, Phil Ransom

Savills - Stephanie Ballango

JPW - Paul van Ratingen

Grimshaw – Paul Byrne

Tzannes – Alec Tzannes

Ethos – Julie Bindon

Transport – Todd Murphy, Sue Heartsch

DPE – Russell Hand

4 March 2019

Paul Attwood
Division Director
Macquarie Capital

Via email –
paul.attwood@Macquarie.com

MARTIN PLACE OSD DRP – SESSION 08 25.02.19

Dear Paul,

Consistent with the requirements of the Martin Place OSD DRP Terms of Reference, please find following a summary of advice and recommendations arising from the eighth design review session on Monday 25 February.

Please note that this letter and subsequent letters of advice relating to the OSD DRP will be distributed to the meeting attendees listed below.

We note the ground plane and its design form part of an existing and separate CSSI development, and as such we have removed the previous comments relating to street level and wayfinding and activation which will be addressed through the Metro DRP (per statutory requirements).

Given the material presented to demonstrate response to the issues raised in DRP 01 – 07, we are confident the project will achieve design excellence subject to addressing the outstanding items below.

We understand that a response to submissions is being prepared for lodgement in early March. We note GANSW will undertake a review of this response for the Department of Planning and Environment as part of its assessment of the application.

North Tower	Status
Architectural expression	
Approach to form and massing of the podium and tower	Supported
Approach to design of podium that better addresses the relationship between old and new, tower and base, and resolves the junction between the fins and heavy masonry base of the podium, and the fins and curtain wall façade of the tower	Outstanding
Program for materials sourcing and sampling, which is proposed over three years	Supported
Proposed materials palette, including the use of faceted glass in the façade design	Supported
Details of materials palette and expression, including the use of faceted glass on tight corner radii	In progress
Environmental performance	
Independent review and assessment of environmental performance to address the complexity of the façade design and its impact on thermal performance	Complete
Additional assessment of reflectivity and glare and its impact on adjacent buildings, the public domain and thermal performance, as agreed through the environmental performance review above	In progress
Details of impact and amelioration of rain sheeting down the continuous facade (not as a result of wind)	Outstanding
Through site link	
Relocation forward of the Elizabeth Street security gate to ensure there is no conflict with the Tom Bass fountain	Supported
Reduced incline of the stairway from Castlereagh Street	Supported
Continuation of City of Sydney paving from the street into the through site link	Supported
Proposal for a discreet approach to using the Macquarie logo as per 50 Martin Place	Supported
Details of materials palette and expression that support the creation of a grand public room distinguishable from the Macquarie lobby, such as the continuation of stone cladding from the outside in, to resolve legibility, accessibility and public character	In progress

North Tower	Status
Confirm details of the operation of the through site link, maximising opening hours e.g. closing only between midnight and 5am	Outstanding
Artwork	
Locations of Tom Bass and Douglas Annand artworks	Supported
Final mounting heights of the Tom Bass fountain and Douglas Annand bronze sculpture to be determined in consultation with Felicity Fenner	Supported
Mounting of the Bass and Annand sculptures on aluminium is not supported by the panel, consider stone which could continue from the street into the through site link	In progress
Presentation of Macquarie's public art strategy	Outstanding
South Tower	Status
Architectural expression	
Approach to form and massing of the podium and tower	Supported
Resolution of the top of the building, which is now materially consistent with the tower and podium	Supported
Resolution of articulation and detailing of the south east and south west corners. (The panel will undertake a discussion offline and provide detailed advice in a separate letter)	In progress
Proposed materials palette, including terracotta tiles to the podium, southern façade of the tower and roof, and the use of convex and concave glass to the podium	Supported
Details of materials palette and expression, including any alternatives to anodised aluminium at the podium	In progress
Environmental performance	
Independent review and assessment of environmental performance, including heat load to the western facade	Completed
Additional assessment of reflectivity and glare and its impact on adjacent buildings, the public domain and thermal performance, including any need for sun shading to the western façade of the tower, as agreed through the environmental performance review above	In progress

Design Excellence	Status
The panel recommends continuity of the design team through construction to enable resolution of any outstanding issues and ensure design excellence will be achieved	New item

Next OSD DRP session

We understand that the next DRP will focus on materials and will also address the issues outlined above as part of detailed design development.

Please ensure that a pre-briefing package, which includes all presentation materials, is made available to all panel members three days prior to the next meeting.

Sincerely,

Olivia Hyde
Acting Chair, Martin Place OSD DRP

CC

Panel members – Yvonne von Hartel, Bob Nation, John Choi, Graham Jahn

Macquarie - Murray Coleman, Anthony Henry, Phil Ransom

Savills - Stephanie Ballango

JPW - Paul van Ratingen

Grimshaw – Paul Byrne

Tzannes – Alec Tzannes

Ethos – Alexis Cella

Transport – Todd Murphy, Sue Heartsch

DPE – Russell Hand

8 March 2019

Paul Attwood
Division Director
Macquarie Capital

Via email:
paul.attwood@Macquarie.co
m

MARTIN PLACE OSD DRP – SESSION 08 25.02.19

Dear Paul

In the minutes issued following the eighth design review session on Monday 25 February, the panel committed to providing detailed advice in relation to the resolution of articulation and detailing of the south east and south west corners of the south tower. The panel has now discussed the matter and provides the following supplementary recommendations.

The panel acknowledges the latest option presented at the eighth DRP and can support the proposal subject to the following recommendations being adopted:

1. The design of the curved corner meeting the adjoining site at the southern boundary requires a recess or re-entrant corner to be expressed for the full height of the building, from podium to tower.
2. The modelling and ceramic materials proposed for the south facing boundary wall must be applied to the full width of the building, noting the first 8m on either street could be more heavily modelled ceramic with a smooth ceramic in between to anticipate adjoining building setbacks in the future.

We hope this now clarifies our response and we look forward to seeing the revised proposal at the next DRP.

Sincerely



Olivia Hyde
Acting Chair, Martin Place OSD DRP

CC
Panel members – Yvonne von Hartel, Bob Nation, John Choi, Graham Jahn
Macquarie - Murray Coleman, Anthony Henry, Phil Ransom
Savills - Stephanie Ballango
JPW - Paul van Ratingen
Grimshaw – Paul Byrne
Tzannes – Alec Tzannes
Ethos – Alexis Cella
Transport – Todd Murphy, Sue Heartsch
DPE – Russell Hand

21 March 2019

Michael Silman
Executive Director
Corporate Operations Group

Via email –
Michael.silman@macquarie.com

MARTIN PLACE OSD DRP – SESSION 09 19.03.19

Dear Michael,

Consistent with the requirements of the Martin Place OSD DRP Terms of Reference, please find following a summary of advice and recommendations arising from the ninth design review session on Tuesday 19 March.

Please note that this letter and subsequent letters of advice relating to the OSD DRP will be distributed to the meeting attendees listed below.

We note the ground plane and its design form part of an existing and separate CSSI development, and as such we have not referred to the previous comments relating to street level and wayfinding and activation which will be addressed through the Metro DRP (per statutory requirements). In particular, we remain concerned about the resolution of the Hunter Street entrances and the impact of any security measures on the overall design intent.

Given the material presented to demonstrate response to the issues raised in DRP 01 – 08, we are confident the project will achieve design excellence subject to addressing the outstanding items below.

We understand that a response to submissions is being prepared for lodgement. However, we consider the outstanding items, particularly the specialist advice in relation to environmental performance, will impact the choice of materials and overall architectural expression, and we await receipt of this information before closing out these items.

We note GANSW will undertake a review of the response to submissions for the Department of Planning and Environment (DPE) as part of its assessment of the application. We anticipate involvement in detailed design development following determination by DPE to ensure design excellence will be achieved.

North Tower	Status
<p>Architectural expression</p> <p>Approach to design of the podium has been clearly articulated and shown through drawings and material samples. The proposed fins will be used to define the junction with the curtain wall, and articulation of fins will vary to suit the differing conditions of the Elizabeth Street and Castlereagh Street facades.</p> <p>To ensure a smooth curvature can be achieved, further detail and larger scaled drawings are requested to illustrate the use of faceted glass on tight corner radii, showing mullion spacing and the transition from a curved to flat façade.</p>	<p>Supported</p> <p>In progress</p>
<p>Materials</p> <p>The panel understands the proposed material selection is in progress and we look forward to seeing further richness and patina in the selected materials. The panel requests a further presentation of proposed finishes.</p>	<p>In progress</p>
<p>Environmental performance</p> <p>Additional assessment of reflectivity and glare and its impact on adjacent buildings, the public domain and thermal performance, as agreed following the initial environmental performance review completed by Che Wall, is awaited.</p> <p>The panel requests that Che Wall present the findings and recommendations from the additional assessment above to the panel to allow the panel to understand any impacts on architectural expression.</p> <p>The proposed glass options have high levels of reflectivity which will be further impacted by any outcomes of the additional reflectivity and glare assessment above. Until these outcomes are presented and their impacts on the facade understood, the panel is unable to support the selection of materials.</p> <p>Details of the impact of rain sheeting down the continuous northern facade (not as a result of wind) is being assessed by Arup using meteorological data. Once the assessment is complete it will be determined what (if any) amelioration is required.</p>	<p>In progress</p> <p>New item</p> <p>New item</p> <p>In progress</p>

North Tower	Status
Through site link <i>From DRP 08, Details of materials palette and expression that support the creation of a grand public room distinguishable from the Macquarie lobby, such as the continuation of stone cladding from the outside in, to resolve legibility, accessibility and public character.</i> Operating hours of the through site link confirmed as being 6am to 10pm.	In progress Supported
Artwork <i>From DRP 08, Mounting of the Bass and Annand sculptures on aluminium is not supported by the panel, consider stone which could continue from the street into the through site link.</i> <i>From DRP 08, Presentation of Macquarie's public art strategy, a) relating to the existing artwork to be relocated, b) the proposed new artwork in public spaces, and c) the Macquarie office, were noted as still to be presented.</i>	In progress Outstanding
South Tower	Status
Architectural expression The proposed infill detail where the curved corner abuts the adjoining site at the southern boundary (both east and west) is re-entrant and is expressed for the full height of the building, from podium to tower. Modelling and ceramic materials proposed for the south facing boundary are proposed as applied to the full width of the building, with the first 8m on either street being more heavily modelled ceramic with smooth ceramic in between in anticipation of future adjoining building setbacks.	Supported Supported
Materials The choice of stone and use of a custom coloured ceramic panel will contribute to a high quality materials palette, and expression through a range of finishes will further articulate the façade.	Supported
Environmental performance Additional assessment of reflectivity and glare and its impact on adjacent buildings, the public domain and thermal performance, including any need for sun shading to the western façade of the tower, as agreed following the initial environmental performance review completed by Che Wall.	In progress

South Tower	Status
The panel requests that Che Wall present the findings and recommendations from the additional assessment above to the panel to allow the panel to understand any impacts on architectural expression.	New item
Glass to be chosen based on the outcomes of the additional reflectivity and glare assessment above.	New item
Retail Strategy	Status
<i>From DRP 07</i> , Retail activation strategy to inform the design of retail spaces and their relationship to the public realm and Metro station noted as still to be presented.	Outstanding
Design Excellence	Status
The panel recommends continuity of the design team through construction to enable resolution of any outstanding issues and ensure design excellence will be achieved.	In progress

Next OSD DRP session

We understand that the next DRP will focus on sheeting rain, mounting of artworks, Macquarie's public art strategy, and reflectivity and glare, as well the issues outlined above as part of detailed design development.

We apologise that there was insufficient time to discuss the retail strategy, but look forward to the presentation at the next DRP.

Please ensure that a pre-briefing package, which includes all presentation materials, is made available to all panel members three days prior to the next meeting.

Sincerely,



Yvonne von Hartel AM
Acting Chair, Martin Place OSD DRP

CC

Panel members – Bob Nation, John Choi, Graham Jahn
Macquarie – Paul Attwood, Murray Coleman, Anthony Henry, Bronwyn Goodwin
Savills - Stephanie Ballango
JPW - Paul van Ratingen

Grimshaw – Paul Byrne
Tzannes – Alec Tzannes
Lendlease – Michael Antonelli, Toni Blume
Ethos – Alexis Cella
Transport – Todd Murphy, Sue Heartsch
DPE – Russell Hand, Annie Leung

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Appendix 3

OSD DRP presentations