

# OPERATIONS AND COMMUNITY SERVICES COMMITTEE MEETING

A meeting of the OPERATIONS AND COMMUNITY SERVICES COMMITTEE will be held by video conference/ at Waverley Council Chambers, Cnr Paul Street and Bondi Road, Bondi Junction at:

**7.00 PM, TUESDAY 2 MARCH 2021** 

Ross McLeod

**General Manager** 

K.B.M

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#### **Delegations of the Waverley Operations and Community Services Committee**

On 10 October 2017, Waverley Council delegated to the Waverley Operations and Community Services Committee the authority to determine any matter **other than**:

- 1. Those activities designated under s 377(1) of the *Local Government Act* which are as follows:
  - (a) The appointment of a general manager.
  - (b) The making of a rate.
  - (c) A determination under section 549 as to the levying of a rate.
  - (d) The making of a charge.
  - (e) The fixing of a fee
  - (f) The borrowing of money.
  - (g) The voting of money for expenditure on its works, services or operations.
  - (h) The compulsory acquisition, purchase, sale, exchange or surrender of any land or other property (but not including the sale of items of plant or equipment).
  - (i) The acceptance of tenders to provide services currently provided by members of staff of the council.
  - (j) The adoption of an operational plan under section 405.
  - (k) The adoption of a financial statement included in an annual financial report.
  - (I) A decision to classify or reclassify public land under Division 1 of Part 2 of Chapter 6.
  - (m) The fixing of an amount or rate for the carrying out by the council of work on private land.
  - (n) The decision to carry out work on private land for an amount that is less than the amount or rate fixed by the council for the carrying out of any such work.
  - (o) The review of a determination made by the council, and not by a delegate of the council, of an application for approval or an application that may be reviewed under section 82A of the *Environmental Planning and Assessment Act 1979*.
  - (p) The power of the council to authorise the use of reasonable force for the purpose of gaining entry to premises under section 194.
  - (q) A decision under section 356 to contribute money or otherwise grant financial assistance to persons,
  - (r) A decision under section 234 to grant leave of absence to the holder of a civic office.
  - (s) The making of an application, or the giving of a notice, to the Governor or Minister.
  - (t) This power of delegation.
  - (u) Any function under this or any other Act that is expressly required to be exercised by resolution of the council.
- 2. The adoption of a Community Strategic Plan, Resourcing Strategy and Delivery Program as defined under sections 402, 403, and 404 of the *Local Government Act*.

#### **Live Streaming of Meetings**

This meeting is streamed live via the internet and an audio-visual recording of the meeting will be publicly available on Council's website.

By attending this meeting, you consent to your image and/or voice being live streamed and publicly available.

#### **AGENDA**

#### PRAYER AND ACKNOWLEDGEMENT OF INDIGENOUS HERITAGE

The Chair will read the following Opening Prayer and Acknowledgement of Indigenous Heritage:

God, we pray for wisdom to govern with justice and equity. That we may see clearly and speak the truth and that we work together in harmony and mutual respect. May our actions demonstrate courage and leadership so that in all our works thy will be done. Amen.

Waverley Council respectfully acknowledges our Indigenous heritage and recognises the ongoing Aboriginal traditional custodianship of the land which forms our Local Government Area.

- 1. Apologies/Leaves of Absence
- 2. Declarations of Pecuniary and Non-Pecuniary Interests
- 3. Addresses by Members of the Public
- 4. Confirmation of Minutes

OC/4.1/21.03	Confirmation of Minutes - Operations and Community Services Committee
	Meeting - 3 November 20204

5. Reports

11	Multicultural Advisory Committee - Membership	OC/5.1/21.03
14	Public Art Committee Meetings - Minutes	OC/5.2/21.03
w35	Rodney Reserve Coastal Fence - Geotechnical Re	OC/5.3/21.03
t - Quarterley Update46	Bondi Pavilion Restoration and Conservation Pro	OC/5.4/21.03

- 6. Urgent Business
- 7. Meeting Closure

### CONFIRMATION OF MINUTES OC/4.1/21.03

Subject: Confirmation of Minutes - Operations and Community

**Services Committee Meeting - 3 November 2020** 

TRIM No: SF20/43

Author: Richard Coelho, Governance Officer



#### **RECOMMENDATION:**

That the minutes of the Operations and Community Services Committee Meeting held on 3 November 2020 be received and noted, and that such minutes be confirmed as a true record of the proceedings of that meeting.

#### Introduction/Background

The minutes of the Operations and Community Services Committee meeting must be submitted to Operations and Community Services Committee for confirmation, in accordance with clause 20.23 of the Waverley Code of Meeting Practice.

The Operations and Community Services Committee has not met since November 2020. Accordingly, the minutes of the November 2020 meeting are submitted to this meeting for confirmation.

#### **Attachments**

1. Operations and Community Services Committee Meeting Minutes - 3 November 2020 .

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## MINUTES OF THE OPERATIONS AND COMMUNITY SERVICES COMMITTEE MEETING HELD BY VIDEO CONFERENCE/AT WAVERLEY COUNCIL CHAMBERS, CNR PAUL STREET AND BONDI ROAD, BONDI JUNCTION ON TUESDAY, 3 NOVEMBER 2020

#### **Present:**

Councillor George Copeland (Chair) Waverley Ward Councillor Paula Masselos (Mayor) Lawson Ward Councillor Elaine Keenan (Deputy Mayor) Lawson Ward **Councillor Sally Betts Hunter Ward** Councillor Angela Burrill **Lawson Ward** Councillor Leon Goltsman Bondi Ward Councillor Tony Kay Waverley Ward **Councillor Steven Lewis Hunter Ward** Councillor Will Nemesh **Hunter Ward** Councillor John Wakefield Bondi Ward Councillor Dominic Wy Kanak Bondi Ward

#### Staff in attendance:

Emily Scott Acting General Manager

John Clark Director, Customer Service and Organisation Improvement

Peter Monks Director, Planning, Environment and Regulatory

Karen Mobbs General Counsel
Darren Smith Chief Financial Officer

Evan Hutchings Executive Manager, Governance and Projects

At the commencement of proceedings at 7.03 pm, those present were as listed above.

#### PRAYER AND ACKNOWLEDGEMENT OF INDIGENOUS HERITAGE

The Chair read the following Opening Prayer and Acknowledgement of Indigenous Heritage:

God, we pray for wisdom to govern with justice and equity. That we may see clearly and speak the truth and that we work together in harmony and mutual respect. May our actions demonstrate courage and leadership so that in all our works thy will be done. Amen.

Waverley Council respectfully acknowledges our Indigenous heritage and recognises the ongoing Aboriginal traditional custodianship of the land which forms our Local Government Area.

#### 1. Apologies/Leaves of Absence

Apologies were received and accepted from Cr O'Neill.

#### 2. Declarations of Pecuniary and Non-Pecuniary Interests

The Chair called for declarations of interest and none were received.

#### 3. Addresses by Members of the Public

- 3.1 The Francis Street and Community Traffic Committee OC/5.1/20.11 Petition Against Closure of Barracluff Avenue, Bondi Beach.
- 3.2 A resident OC/5.2/20.11 Air Fresheners in Council Buildings Health Considerations.

#### 4. Confirmation of Minutes

OC/4.1/20.11 Confirmation of Minutes - Operations and Community Services Committee Meeting - 1 September 2020 (SF20/43)

MOTION / UNANIMOUS DECISIONMover:Cr CopelandSeconder:Cr Masselos

That the minutes of the Operations and Community Services Committee Meeting held on 1 September 2020 be received and noted, and that such minutes be confirmed as a true record of the proceedings of that meeting.

#### 5. Reports

OC/5.1/20.11 Petition - Against Closure of Barracluff Avenue, Bondi Beach (A20/0334)

MOTION Mover: Cr Goltsman

Seconder: Cr Burrill

#### That Council:

1. Receives and notes the petition against the closure of Barracluff Avenue, Bondi Beach.

- 2. Notes that over 500 submissions have been received by Council on the community consultation for traffic management in Barracluff Avenue.
- 3. Further notes that over 95% of the submissions do not support the option of a road closure in Barracluff Avenue.
- 4. Does not support the closure of Barracluff Avenue.
- 5. Officers inform the key petitioner, residents of Barracluff Avenue and Rickard Avenue, and the Bondi Precinct Committee of this resolution.

THE MOVER OF THE MOTION THEN ACCEPTED AMENDMENTS TO CLAUSE 2.

THE MOTION AS AMENDED WAS THEN PUT AND DECLARED CARRIED UNANIMOUSLY.

#### **UNANIMOUS DECISION:**

#### That Council:

- 1. Receives and notes the petition against the closure of Barracluff Avenue, Bondi Beach.
- 2. Notes that over 500 submissions have been received from residents of Barracluff Avenue and surrounding streets by Council on the community consultation for traffic management in Barracluff Avenue
- 3. Further notes that over 95% of the submissions do not support the option of a road closure in Barracluff Avenue.
- 4. Does not support the closure of Barracluff Avenue.
- 5. Officers inform the key petitioner, residents of Barracluff Avenue and Rickard Avenue, and the Bondi Precinct Committee of this resolution.

The Francis Street and Community Traffic Committee addressed the meeting.

#### OC/5.2/20.11 Air Fresheners in Council Buildings - Health Considerations (A20/0274)

MOTION Mover: Cr Lewis Seconder: Cr Keenan

#### That Council:

1. Notes that, while only limited studies have been undertaken, there is evidence that the use of air fresheners can lead to adverse health effects for some people, particularly asthmatics.

- 2. Notes the current extent of air freshener use in Council-owned buildings and the measures undertaken to standardise their use under the recently awarded cleaning and hygiene services contract.
- 3. Notes the requirement to provide air fresheners in Council facilities that experience high visitation and where natural cross flow ventilation is limited, to create a more pleasant experience for users of the facilities.
- 4. Installs advisory signage at the entry to Council buildings and rooms where air fresheners are in use.

THE MOVER OF THE MOTION THEN ACCEPTED THE ADDITION OF THREE NEW CLAUSES.

THE MOTION AS AMENDED WAS THEN PUT AND DECLARED CARRIED.

#### **DECISION:**

#### That Council:

- 1. Receives and notes the report.
- 2. Notes that, while only limited studies have been undertaken, there is evidence that the use of air fresheners can lead to adverse health effects for some people, particularly asthmatics.
- 3. Notes the current extent of air freshener use in Council-owned buildings and the measures undertaken to standardise their use under the recently awarded cleaning and hygiene services contract.
- 4. Notes the requirement to provide air fresheners in Council facilities that experience high visitation and where natural cross flow ventilation is limited, to create a more pleasant experience for users of the facilities.
- 5. Installs advisory signage at the entry to Council buildings and rooms where air fresheners are in use.
- 6. Officers investigate efficient and economical ways to address health concerns for the use of air fresheners in publicly accessible amenities within Council buildings, noting that a minimum of one unisex naturally ventilated publicly accessible toilet without air fresheners could be adequate per building, including:
  - (a) Determine if any publicly accessible toilets are already naturally ventilated and can provide an acceptably pleasant and healthy environment for users of the facility without the need for air fresheners.
  - (b) Investigate whether any publicly accessible toilet can be easily and economically converted to provide adequate natural ventilation without the use of air fresheners by, say, replacing

existing fixed glass windowpanes with opening windows.

- (c) Although it is noted that a reduction in the timed frequency that an automatic air freshener dispenses its spray is unlikely to increase the opportunity for members of the public to enter a publicly accessible toilet with little or no air freshener present in the air, this should still be pursued to confirm its efficacy and consider whether a trial is warranted.
- 7. Receives a brief report at the February 2021 Operations and Community Services Committee meeting, including investigation outcomes and recommendations.

**Division** 

For the Motion: Crs Betts, Burrill, Copeland, Goltsman, Kay, Lewis, Masselos, Nemesh, Wakefield

and Wy Kanak.

**Against the Motion:** Cr Keenan.

A resident addressed the meeting.

OC/5.3/20.11 Parking Officers - Multi-skilling to Undertake Ranger Duties (A14/0164)

MOTION Mover: Cr Masselos

Seconder: Cr Keenan

That Council notes that the delegations and authorisations of Rangers will be reviewed to enable them to issue infringements relating to parking offences.

THE MOVER OF THE MOTION THEN ACCEPTED AN AMENDMENT TO THE MOTION.

THE MOTION AS AMENDED WAS THEN PUT AND DECLARED CARRIED UNANIMOUSLY.

#### **UNANIMOUS DECISION:**

That Council notes that the delegations and authorisations of Rangers will continue to be reviewed to enable them to issue infringements relating to parking offences.

#### **6** Urgent Business

There were no items of urgent business.

7. Meeting Closure

THE MEETING CLOSED AT 7.49 PM.

SIGNED AND CONFIRMED

CHAIR 1 DECEMBER 2020

### REPORT OC/5.1/21.03

Subject: Multicultural Advisory Committee - Membership

**TRIM No:** A15/0509

**Author:** Rebecca Rodwell, Manager, Community Planning and Partnerships

**Director:** Emily Scott, Director, Community, Assets and Operations

#### **RECOMMENDATION:**

That Council appoints the following individuals to the Multicultural Advisory Committee for a term of two years, from March 2021 to March 2023:

- 1. Community representatives/residents:
  - (a) Robert Farotto.
  - (b) Ludovico Fabiano.
  - (c) Tito Scohel.
  - (d) Rozy Dorias.
  - (e) Emily Bogue.
  - (f) Raphael Crowe.
  - (g) Valentina Bau.
  - (e) Rachel Tanny.
- 2. Subject matter experts/service representatives:
  - (a) Patricia Jenkings.
  - (b) Lana Kofman.
  - (c) Margaret Teed.
  - (d) Linda Deutsch.

#### 1. Executive Summary

Expressions of interest (EOI) were invited for membership of the Multicultural Advisory Committee (MAC) for a term of two years. The EOI was open from 12 January to 8 February 2021. Twelve applications for 12 positions were received and reviewed by the panel which included the chair of the MAC, Cr Paula Masselos and Community Programs Officers. All have been assessed to be eligible for membership and have displayed a strong interest and commitment to diversity.

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This report recommends that all applicants are appointed to the committee. A summary table containing the details of each applicant has been distributed to councillors separately to the agenda.

#### 2. Introduction/Background

According to the Multicultural Advisory Committee Terms of Reference (June 2018), the term for membership is two years. The term for the existing committee should have ended in mid-2020, however recruitment was delayed due to Covid-19 and staff vacancies.

The time frame for the recruitment was:

- Promotion and seeking applications: Tuesday, 12 January–Monday, 8 February 2021.
- Reviewing applications: Tuesday, 9 February Wednesday, 17 February 2021.
- Seeking endorsement of members: Operations Committee on 2 March 2021.

The EOI was promoted via:

- An update on Waverley Council's website.
- Notification of Have Your Say subscribers.
- The Mayor's column in the Wentworth Courier.
- Internal and external newsletters.
- Social media channels.
- Distribution through networks to local community organisations and previous enquirers.

#### 3. Relevant Council Resolutions

Meeting and date	Item No.	Resolution
Operations and	OC/5.2/18.06	That Council adopts the Terms of Reference for the
Community Services		Waverley Multicultural Advisory Committee (MAC)
19 June 2018		attached to this report and acknowledges the work of the
		former Chair, Cr Goltsman.

#### 4. Discussion

A total of 12 applications were received for the committee as follows:

- Robert Farotto.
- Ludovico Fabiano.
- Tito Scohel.
- Rozy Dorias.
- Emily Bogue.
- Raphael Crowe.
- Valentina Bau.
- Rachel Tanny.

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- Patricia Jenkings.
- Lana Kofman.
- Margaret Teed.
- Linda Deutsch.

Of these, five were current MAC members and seven were new applications.

The maximum number of committee members is 12, comprising:

- Up to eight community representatives/residents.
- Up to four subject matter experts/representatives of relevant services.

The applicants represent a range of organisations, skills and experience and personal and professional backgrounds. Some of the applicants meet the full composition of the committee requirements as individuals - being residents, experts, and representatives of services.

Due to the number of applications received and a commitment to diversity and engagement, it is recommended that Council endorses all 12 applicants as MAC members.

#### 5. Financial impact statement/Time frame/Consultation

The MAC operates within budgeted Council resources.

If Council endorses the recommendations of this report, the first meeting with the new committee will be held in late March 2021.

In accordance with the MAC terms of reference, Council will seek new members in early 2023 at the end of the two-year term.

#### 6. Conclusion

It is recommended that Council appoints the community/resident and expert/service representative members outlined above to the Multicultural Advisory Committee for the term March 2021 to March 2023.

#### 7. Attachments

Nil .

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### REPORT OC/5.2/21.03

**Subject:** Public Art Committee Meetings - Minutes

**TRIM No:** A20/0106

**Author:** Elizabeth Reidy, Co-ordinator, Curator and Visual Arts

**Director:** John Clark, Director, Customer Service and Organisation Improvement

# WAVERLEY

#### **RECOMMENDATION:**

#### That Council:

- 1. Receives and notes the minutes for the Public Art Committee meetings held on 31 August 2020, 12 October 2020 and 30 November 2020.
- 2. Notes the minutes will be made available to the public via Council's website.

#### 1. Executive Summary

The Terms of Reference for the Waverley Public Art Committee include a requirement for meeting minutes to be reported to Council for Council information prior to being made publicly available through the Council's website.

Attached to this report are the minutes of the Waverley Public Art Committee meetings dated 31 August 2020, 12 October 2020 and 30 November 2020.

#### 2. Introduction/Background

Council established a Public Art Committee in 1992. In December 2017 Council endorsed the current Terms of Reference for the Committee.

As per the Terms of Reference, the Waverley Public Art Committee aims to:

- Foster the ongoing development of quality, diverse and creative public art and visual art so as to enhance public access and experience of the arts.
- Select and develop public artworks that serve as important markers reflective of our heritage and cultural identity.
- Involve the community through information and promoting public art programs.

Members of the Public Art Committee listed in these sets of minutes were appointed by Council in February 2020.

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#### 3. Relevant Council Resolutions

Meeting and date	Item No.	Resolution
Council 15 September 2020	CM/7.10/20.09	<ol> <li>That Council</li> <li>Receives and notes the minutes of the Waverley Public Art         Committee meetings held on 10 February 2020, 25 May         2020, 13 July 2020</li> <li>Notes the minutes will be made available to the public via         Council's website</li> </ol>
Council 5 May 2020	CM/7.7/20.05(1)	That Council  1. Receives and notes the minutes of the Waverley Public Art Committee meetings held on 27 May 2019, 29 July 2019, 11 September 2019 and 30 October 2019 attached to this report  2. Notes the minutes will be made available via Council's website
Council 18 February 2020	CM/7.5/20.02	That Council appoints the following resident members to the Waverley Public Art Committee for a term of two years:  1. Steven Thomson 2. Max Lyandvert 3. Jerome Harris 4. Jennifer Cook 5. Alexander Georgouras 6. Kimberly Crofts 7. Rohan Hawthorn 8. Liane Rossler

#### 4. Discussion

The most recent Waverley Public Art Committee meeting minutes were reported to Council on 15 September 2020 for meetings dated 10 February 2020, 25 May 2020 and 13 July 2020.

Attached to this report are the minutes for the meetings of the Waverley Public Art Committee dated:

- 31 August 2020
- 12 October 2020
- 30 November 2020

#### 5. Financial impact statement/Time frame/Consultation

The operations and administration of the Waverley Public Art Committee requires the commitment of Councillor, volunteer and staff resources and any relevant costs are included in Council's operational budget.

A meeting of the Waverley Public Art Committee was held on Monday 8 February 2021. The next meeting for the committee is scheduled for Monday 22 March 2021. Those minutes will be reported to Council in due course.

#### 6. Conclusion

Meetings of the Waverley Public Art Committee were held on 31 August 2020, 12 October 2020 and 30 November 2020. Minutes from these meetings are attached to this report.

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#### 7. Attachments

- 1. WPAC Meeting Minutes 31 August 2020 <a> J</a>
- 2. WPAC Meeting Minutes 12 October 2020 U
- 3. WPAC Meeting Minutes 30 November 2020 U.

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Title: Waverley Public Art Committee
Location: zoom

Date: Monday 31 August 2020
Time: 6:30pm-8:00pm

#### Participants:

Alexander Georgouras, Kimberly Croft, Rohan Hawthorn, Liane Rossler, John Clark, Tanya Goldberg, Elizabeth Reidy, Joanna Dinning, Cr. Paula Masselos, Cr. Angela Burrill, Cr. Dominic Wy Kanak

Apologies: Elaine Keenan,

Chair: Cr. Paula Masselos		Minute Taker: Todd Fuller		
No	Subject	Туре	Minutes	Responsibility
1.	Welcome, Introductions & Apologies	For information	Apologies are received from Cr. Elaine Keenan. All are welcomed by Paula Masselos.	Chair/All
2.	Confirmation of Minutes from meeting held 13 July 2020	For information	The previous minutes are deemed to be true and accurate by PM and seconded by LR. The minutes are confirmed unanimously.	Chair/All

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### WAVERLEYCOUNCIL

3.	New project briefing: North Bondi Kids Pool Permanent artwork	For information and questions	The North Bondi Kids Pool Art Commission will be delivered as a standard EOI and not an RFQ as reported to Council. This will be an open market commissioning process following the best-practice guidelines of the National Association for the Visual Arts.  The EOI timeline is currently scheduled to be:  1-25 October, 2020 - request for submission 30 November, 2020- Shortlist to PAC for recommendation December 2020-Jan 2021 - Detailed Design Commission February 2021 - Community consultation March 2021 - PAC review and recommendation April 2021 - Council approval May-August 2021 - fabrication and installation.	TG + ER
4.	The Bondi Memorial: Project update	For information and questions	On 18 August 2020, based on the recommendation of the Waverley Public Art Committee, Waverley Council have endorsed the Urban Art Projects to progress with the Bondi Memorial Commission.  UAP and Waverley Council have commenced contract negotiations and begun working on timelines for fabrication and construction.  Committee discussion included:  -ACON are still fundraising for the project which will run in tandem with the next stage of designThere has been a public announcement of the commission.	ER

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### WAVERLEYCOUNCIL

5.	Deaccessioning Policy framework	For information	Committee members are asked to review Waverley Council's Accessioning and Deaccessioning guidelines ahead of the next Public Art Committee. ER to circulate.	ER
6.	North Bondi Mosaic Deaccession of salvaged pieces	For information, discussion and recommendation	A large number of pieces and components from the former north Bondi Children's Pool Mosaic have been salvaged. Committee is advised that at the next Public Art Committee meeting they will review a report detailing these pieces and will be asked to make a recommendation on how these components are to be deaccessioned.	ER
7.	Bondi Pavilion Ceramic Wall Tile Deaccession: UPDATE	For information, discussion and recommendation	On the 13th July the Waverley Public Art Committee endorsed the deaccessioning of 2 ceramic tile artworks from the interior of the Bondi Pavilion by Patsy Help and Helen Leitch.	ER
			As a part of the Bondi Pavilion restoration, Council contractors have attempted to remove the artwork keeping it intact. This was not successful.	
			Council is still aiming to remove and retain components of this fragile work. This is difficult as it is attached to the substrate of the building.	

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#### WAVERLEYCOUNCIL

8. Waverley Artist Studios 2020 overview of program including current studio artists and extension of tenure

For information and recommendation

The Waverley Artist Studios began in 2010 and are based in the Waverley Woollahra School of Arts. Five rent-free work spaces are allocated to artists for a period of 12 months. These artists participate in community engagement, which includes workshops in the School Holiday Programs, talks, seniors programming, Sydney Children's Hospital workshops, installing on the Bondi Beach Sea Wall and participate in dedicated curatorial projects.

Current residents in the program are Cameron Stead, Julia Gutman, Laura Jade Hindes, Carolyn Craig and Kirra Weingarth. These residents' current tenancy period is from February 1 2020-January 31 2021.

Studio Artists are selected through an EOI process which is peer reviewed before endorsement by the Public Art Committee and then Waverley Council.

The Waverley Artist Studios have been closed since 23<sup>rd</sup> of March due to COVID-19. Studios are scheduled to reopening on the 4<sup>th</sup> September with artists having no access for a 6 month period.

The Waverley Public Art Committee are asked to request to Council an extension of the studio artists program until August 31 2021.

The Public Committee endorse an extension to the current studio artists tenure. With the understanding that future lockdowns may require future review.

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### WAVERLEYCOUNCIL

9.	General Business: Bondi Beach Sea Wall Bondi Beach Bollards	For information	Bondi Sea Wall, is about to commence installation of new murals. A COVID safety plan is in place for all our artists.	ALL
	Next meeting date: Monday 12 October 2020		<u>Concrete bollards</u> are about to commence installation with a range of applicants from small children through to professional practitioners.	
			Next meeting Monday 12 <sup>th</sup> of October.	

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Title: Waverley Public Art Committee	Date: Monday 12 October 2020	Time: 6:30pm-8:00pm
Location: zoom		

#### Participants:

Steven Thomson, Max Lyandvert, Jerome Harris, Jennifer Cook, Alexander Georgouras, Kimberly Croft, Rohan Hawthorn, Liane Rossler, John Clark, Tanya Goldberg, Elizabeth Reidy, Joanna Dinning, Rob Sabato, Cr. Paula Masselos, Cr. Elaine Keenan, Cr. Angela Burrill, Cr. John Wakefield, Cr. Dominic Wy Kanak, Cr. Leon Goltsman, Cr. Sally Betts, Cr. Steven Lewis, Cr. Will Nemesh, Cr. Tony Kay, Cr. George Copeland, Cr. Marjorie O' Neil

In attendance: Tanya Goldberg, Joanna Dinning, Elizabeth Reidy, Todd Fuller, Paula Masselos, Angela Burrill, Dominik WyKanak, Kimberley Crofts, Alexander Georgouras, Steve Thomson, Jerome Harris, Rowan Hawthorn, Jennifer Cook

Apologies: Liane Rossler, Max Lyandvert

Chair: Cr. Paula Masselos			Minute Taker: Todd Fuller	
No	Subject	Туре	Minutes	Responsibility
1.	Welcome, Introductions & Apologies	For information	Paula Masselos welcomes the group. Apologies are received from Liane Rossler.	Chair/All
2.	Confirmation of Minutes from meeting held 31 August 2020	For information	The minutes are deemed to be true and accurate by Paula Masselos, motion seconded by Jerome Harris. Carried unanimously.	Chair/All
3.	Draft Public Art Policy for feedback	For information /discussion/feedback	The committee view the former Public art Policy (adopted March 2014) and a revised version. The updated Public art Policy was reviewed by the former Public Art Committee.	ALL

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<b>~</b>	WAVERLEY	COUNCIL
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The policy update includes:

- standardisation with broader council policies under a new policy template
- standardisation of language to align with planning processes (LEP and DCP)
- The expansion of definitions in line with peak bodies
- Guidelines and expectations across purpose, scope, objectives, actions, outcomes, funding, evaluation review, feedback,

Comments and changes from the PAC include:

- Request for direct integration with the Reconciliation Action Plan (RAP)
- Review formatting
- Artistic excellence replaced with Artistic merit
- Add a definition for placemaking to the definitions section
- Review final sentence under 'placemaking' for repetition.
- Change formatting so that 'all appropriate cultural protocols' is restructured to be more inclusive.
- Consider prioritising where materials are coming from and where materials end up at the end of their useful life.
- The committee are asked to comment on their commitment to those who identify as having a commitment to the traditional stories of our land.

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### WAVERLEYCOUNCIL

			The committee are invited to send further feedback by email. The Public art Policy will undergo community consultation before Council adoption in February 2021.	
4.	The Bondi Memorial: Project update	For information and questions	Waverley Council staff, ACON and UAP have undertaken 2 design workshops.  Council is currently establishing guidelines and a framework for community call out for text and content relating to plaques on the final Bondi Memorial Artwork.  A Councillor workshop will take place on Tuesday 13 October to review the draft of this design, call out and framework. The outcome will come back to PAC in February.  Council, ACON and UAP have been working together in a robust and effective manner.	ER
5.	Deaccessioning Policy framework	For information	As the committee are familiar with this policy, meeting proceeds to Agenda item 6.	ER
6.	North Bondi Mosaic Deaccession of salvaged pieces	For information, discussion and recommendation	The committee are given background to the North Bondi Mosaic recommission which was necessary due to concrete cancer on the North Bondi Culvet. After extensive market assesments on recreating the artwork Waverley Council decided to commission a new artwork rather than replace the original as a like-for-like artwork.	ALL

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### WAVERLEY COUNCIL

112 pieces were salvaged from the original artwork under the direction of Lloyd Keleman (original lead artist). Working with the artists in the workshop last year the pieces were identified artist to artist.

All pieces are currently in storage in Rosehill

Based on the letter provided by Jenny Orchard after inspecting the works they have been deemed unusable;

According to the Accessioning and Deaccesioning criteria they constitute being considered;

- 1. a work of art which has deteriorated to the extent that it is no longer recognisable as a work of art and is beyond restoration to an acceptable standard
- 2. a work of art that requires a level of ongoing maintenance and repair that is beyond the financial and social value of the work

Artworks that have been scheduled for deaccession should, in the first instance, be offered to be returned to the artist.

In the event that the donor or artist do not wish to have the artwork returned to them Waverley Council may dispose of the artwork by the following methods,

The artwork may be offered to a more appropriate collecting institution

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### WAVERLEYCOUNCIL

The artwork may be resold through the secondary art market

The artwork may be dismantled and/or destroyed in the event of no other option being suitable

The Committee are asked to endorse the following deaccessioning plan as outlined in the Accessioning and Deaccessioning guidelines:

- 1. Retain key components (dinosaur originally cast by Lloyd Keleman from bones at the Australian Museum and plaques which outline the artists names, funding bodies and the indigenous narrative embedded in the work.
- 2. remaining components are offered to the artist with return freight at Waverley Council's expense
- 3. gifted to another institution,
- 4. secondary art marker,
- 5. Dismantled and destroyed.

Committee feedback includes:

- Discussion of suitability to the secondary art market. This is deemed unsuitable due to the lack of deed/provenance or legally binding paperwork over the ownership of the work.
- Community organisations to also be offered components not claimed by the artists. This is to be explored by Council officers.

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### WAVERLEYCOUNCIL

7. General Business:  - North Bondi Kids Pool Artwork update  - Waverley Art Prize 2021 update  - Waverley Artist Studios update  - Bondi Junction RSL update  - Sculpture by the Sea 2020 update  Next meeting date: Monday 30	For information	<ul> <li>An EOI for the North Bondi Children's Pool was released on October 1. The EOI closes 25 October with a lot of registrations and interest. Elizabeth Reidy to supply committee with links to distribute to networks.</li> <li>Waverley Art Prize 2021 is planned to take place digitally with a contingency window for physical delivery. Increase in prize money in 2021 from \$10 000 to \$15 000.</li> <li>Waverley artist Studios tenure has been extended to August 2021. Next call out in April 2021.</li> <li>A temporary artwork on Bondi Junction RSL (Grey St) titled Jig Saw is to be deaccessioned in</li> </ul>	ER
November 2020		conjunction with a redevelopment of the premises. This work was always intended to be temporary despite being in situ for six years. It will be returned to the artists and is not owned by Waverley Council.  • Due to COVID019 Sculpture by the Sea has been postponed. In accordance with Council's agreement with SxS we are negotiating alternate dates and Covid Safety Plans.  MEETING CLOSED AT 7:36PM	

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### WAVERLEY COUNCIL

Title: Waverley Public Art Committee

Location: zoom

Date: Monday 30 November 2020

Time: 6:30pm-8:00pm

#### Participants:

Steven Thomson, Cr Paula Masselos, Elizabeth Reidy, Todd Fuller, Tanya Goldberg, Viv Rosman, Kimberley Croft, Liane Rossler, Rohan Hawthorne

Max Lyandvert, Jerome Harris, Jennifer Cook, Alexander Georgouras, Kimberly Croft, Rohan Hawthorn, Liane Rossler, John Clark, Tanya Goldberg, Elizabeth Reidy, Viv Rosman, Todd Fuller, Cr. Paula Masselos, Cr. Elaine Keenan, Cr. Angela Burrill, Cr. John Wakefield, Cr. Dominic Wy Kanak, Cr. Leon Goltsman, Cr. Sally Betts, Cr. Steven Lewis, Cr. Will Nemesh, Cr. Tony Kay, Cr. George Copeland, Cr. Marjorie O' Neil

Apologies: Jerome Harris, Cr Keenan, Rohan Hawthorne, Jennifer Cook,

Chair: Cr. Paula Masselos			Minute Taker: Todd Fuller	Minute Taker: Todd Fuller	
No	Subject	Туре	Minutes	Responsibility	
1.	Welcome, Introductions & Apologies	For information	Paula Masselos welcomes the committee and acknowledges Country. Apologies given by Jerome Harris, Cr. Keenan, Rohan Hawthorne and Jennifer Cook.	Chair/All	
2.	Confirmation of Minutes from meeting held 12 October 2020	For information	Minutes arising form 12.10.20 are confirmed to be true and accurate by Steven Thomson, seconded by Kimberley Croft.	Chair/All	
3.	Introduction: Viv Rosman, Manager Arts & Culture	For information		TG/VR	

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### WAVERLEYCOUNCIL

			Viv Rosman is introduced to the committee as the new	
			Manager Arts and Culture.	
4.	The Bondi Memorial: Project	For information and questions	On 31.11.20 Elizabeth Reidy briefed a Parliamentary into	ER
	update	1	Gay and Transgender hate crimes between 1970 and	
			2010.	
			The selected artwork <i>Rise</i> by John Nicholson and Urban	
			Art Projects has been through a series of design updates.	
			The artists have responded to feedback from councillors	
			and the community. Recent changes include:	
			-change of plaque locations	
			-Change of vertical to horizontal plaques which can now	
			be inserted into the horizontal ground plain.	
			The surround landscape design has been adjusted so that	
			the adjacent Accessibility path will be extended to fully	
			integrate the work with an additional turning circle to	
			enable access for older members of the community.	
			Questions from the Public Art Committee Include:	
			Timeline?	
			UAP and the artist have received quotes for local and	
			internationally sourced granite, this has a 12-week	
			shipping timeline, including community workshops, the	
			artwork is likely to be installed in May. This also allows	
			ACON more time for community workshops and	
			consultations. The shipping of timelines is necessary to	
			help keep the project in budget.	
			How long is the installation period?	
			Approximately 2 weeks.	

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### WAVERLEY COUNCIL

			How did the parliamentary enquiry go? The inquiry visit included a tour of Marks Park with Duncan McNabb. There was a detailed account of murders which took place in Marks Park. The committee were very positive about the project and ongoing workshops to ensure the community are guiding content with a focus on turning points in LGBTIQ history as a part of the healing process.  Today was the last day of the inquest, findings form the inquest will be announced reasonably soon.	
5.	North Bondi Kids Pool Artwork EOI presentation & Short list review for concept development	For information, discussion and recommendation	In October 2020 Council released an EOI calling for artists to submit interest in developing a site-specific public artwork for the length of wall that extends over the kids pool in North Bondi. The EOI was open from 1-25 October 2020 23 applications were received.  Artists were requested to provide their CV and biography as well as 8-10 images/examples of previous examples of their public art works alongside artwork concept statement and the overall budget for the project  In November 2020 a project control group pf Council's Technical Officers from Arts and Culture, Landscape	ER/ALL

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Architecture, Asset Management and Major Projects reviewed all 23 applications against the following criteria:

Place Making 25%

Artist Merit 25%

Sustainability 25%

Value for Money 25%

The assessment was conducted against examples of previous works as requested in the application – noting it is against NAVA'S Code of Practice to request design concepts without paying an artist for the design stage

The 8 top artworks are:

- 90 Degrees creative
- Djon Mundine
- Artventure
- Georgia Hill
- Helen Bodycomb
- Jenny Orchard & UAP
- Otis Carey & China Heights

The committee are asked to independently review and assess these 8 submissions. Public Art Committee members are to be sent:

- -the applications
- -the marking framework
- -the scoresheet

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### WAVERLEYCOUNCIL

			The committee are asked to assess these works before Wednesday 9 <sup>th</sup> of December. The committee will then be asked to determine which 3-6 artists to progress to concept design.  The committee is reminded that all assessments are confidential and that conflicts of interest must be declared. Additionally, the committee is reminded pecuniary, and perception of conflict of interest.  All committee members will be included not just those present.  Liane Rossler declares a conflict of interest regarding her partner having submitted an artwork for.  Liane Rossler will not review this application and is asked to submit this in writing.	
6.	Bondi Pavilion Public Artwork – Project framework and Process	For information	Every two years a new artwork is commissioned out of Waverley Council's Public Art Masterplan. The next site on this masterplan is the Bondi Pavilion. This new public artwork is to be implemented in conjunction with the Bondi Pavilion Restoration and Upgrade Project.  The Public Art Master Plan states that the core purpose of this artwork is to recognize the history, culture and presence of the traditional custodians of Australia. The public artwork should reflect themes specific to the Gadigal and Bidjigal People of the Eora Nation. The artwork is to serve as a recognition of the world's oldest surviving continuous culture. The artwork must consider	ER/ALL

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WAVERLEYCOUNCIL
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the presence of Aboriginal history, culture, custom and tradition specific to the area.

Due to the specific nature of this project, a reference group specific to the project is to be formed. The Reference Group will involve 3-5 indigenous leaders/curators/architects/or other appropriate experts who will advise council staff, assist in artist selection and create a safe cultural space for the work.

The next steps to this process would be:

- 1. Appoint a reference group
- 2. convene reference group meeting
- 3. Reference group advises on list of artists to approach for detailed design
- 4. Presentation to PAC on Reference Group progress and artist shortlist
- 5. Selective procurement process commenced with 4-6 artists
- 6. concepts then returned,
- 7. Concepts are revised by reference group and a recommendation is made by the reference group to the Public Art Committee
- 8. Public Art Committee provide feedback and guidance and then a report is sent to council from the public Art Committee to refer a work for commission by Waverley Council.

Questions/committee from the council include:

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### WAVERLEY COUNCIL

			<ul> <li>Annie Tennant is suggested by Liane Rossler as a possible person for the Reference group. She is a specialist in country centred design.</li> <li>Steven to provide contacts from the first nations team at the Australia Council</li> </ul>	
7.	General Business:  Next meeting date: February 2021  Forward meeting schedule 2021	For information	Meeting dates-  ER has distributed indicative schedule, first meeting for 2021 is set for Feb 8, then 22 March.  These can be redistributed. For the time being meetings will continue on Zoom. No direction to return to face to face meetings yet.  Committee are thanked for their work throughout a difficult year and their commitment to public art and arts in Waverley. 2021 will be busy with many projects.	ER

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WAVERLEY

### REPORT OC/5.3/21.03

Subject: Rodney Reserve Coastal Fence - Geotechnical Review

**TRIM No:** A20/0475

**Author:** Bianca Simpson, Service Manager, Open Space and Recreation

**Director:** Emily Scott, Director, Community, Assets and Operations



**RECOMMENDATION:** 

That Council, based on the recommendations from a geotechnical assessment and advice provided in 2019 and peer review of geotechnical reports completed in 2020, aligns the fence parallel to the sports field at Rodney Reserve, at the top of the embankment set back a minimum of two metres landward from the slopes crest to ensure the fence minimises its impact on the stability of the embankment.

#### 1. Executive Summary

The Dover Heights Precinct submitted a proposal in 2017 to move the fence alignment adjoining the sports field in Rodney Reserve down the embankment towards the cliff. As part of the investigation into the proposal, Council commissioned a geotechnical assessment in June 2019. Findings of the 2019 geotechnical assessment were presented to Council in November of 2020. Advice provided to Council from the geotechnical engineers strongly recommended that the fence alignment remain at the top of the slope set back a minimum of 2 metres eastward from the crest of slope. During the November 2020 Council meeting, Council resolved to undertake a peer review of the geotechnical report.

A peer review was completed in December 2020 (refer to Attachment 1 for the full report), the assessment and findings are presented in this report. The advice provided in the peer review concur with the previous geotechnical report commissioned in 2019 and recommend the fence alignment remain at the top of slope.

The subject of this report focusses on geotechnical assessments and advice. Details of the fence proposals, consultation with key stakeholders and functional assessment of the fence have previously been presented to Council in reports dated February 2018, December 2019, October 2020 and November 2020. A Council workshop was also held in October 2020, please refer to these reports for further details on these matters.

#### 2. Introduction/Background

The fence at Rodney Reserve is due to be replaced within the short term (2 to 5 years). The existing chain link fence will be replaced with Council's preferred coastal fence design (refer to Councils Public Domain Technical Manual for design details). When designing fencing it is typical to commission a geotechnical and structural engineer to ensure the fence is stable. Engineering advice would determine the size of posts, material use, footing type and size. This advice is largely based on testing of ground conditions. For example, ground which is sandy, loosely compacted and on slope are not as stable as that in clay-based soils on flat ground, therefore the type and size of footing would need to be adjusted accordingly. In the case of Rodney Reserve, geotechnical assessments of the ground conditions have led to a recommendation that a fence is not installed on the slope due to slope instability as demonstrated in recent landslips. A fence located on the embankment presents a risk of landslide either during construction or once the fence is in place due to the additional loading (weight) of the fence. In the event of landslide there is a catastrophic risk to people visiting the reserve or constructing/maintaining the fence.

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Figure 1. Rodney Reserve section looking north, showing location of existing fence and proposed fence alignment down slope.

Investigation into the alignment of the new coastal fence has been ongoing for since 2017. For ease of reference a timeline is summarised below:

- 2017 November; the Dover Heights Precinct requested the fence in Rodney Reserve be moved down slope.
- 2018 February; a Council motion was subsequently passed to investigate and report back on 'the viability of moving the location of the new coastal fence to the east in the area east of the Rodney Reserve playing fields so that the view of the radio telescope replica antennae and the ocean can be unobstructed.'
- 2018 (throughout the year); the design of the coastal fence was developed as presented in a Councillor Workshop in June 2018.
- 2019 March; landslip occurred at Rodney Reserve
- 2019 May; geotechnical report completed assessing ground conditions and cause of landslip.
- 2019 June; geotechnical advice received regarding the proposed alignment of fence down slope.
- 2019 November; Council report to present findings of the fence investigation of Rodney Reserve, recommending the fence remain in its current location in line with geotechnical advice for safety and stability of the fence. The item was deferred until December 2019.
- 2019 December; Council resolved to maintain the coastal fence in its current location until such time as a submission was received from the Dover Heights Precinct and a further report could be presented to Council.
- 2020 May, a proposal from the Dover Heights Precinct was received by the Executive Manager of Infrastructure Services.
- 2020 August/September; consultation undertaken with relevant stakeholders who have experience
  with using the sports field at Rodney Reserve on the preferred fence alignment. Consultation
  outcomes concluded that a fence located down slope did not function to prevent lost sports balls
  over the embankment / cliff. Investigations also resolved that the fence down slope did not provide
  an adequate safety barrier in locations where the embankment was particularly steep.
- 2020 October; findings of geotechnical report and consultation with stakeholders were reported to Council, Council resolved to defer the report until a Councillor workshop took place.

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- 2020 October, Council workshop was held.
- 2020 November; Council report provided an assessment of the submission of the coastal fence. It was not recommended that the fence be moved down slope due to the geotechnical recommendations given the slope was unstable.
- 2020, December; Peer review of the 2019 geotechnical reports completed.

#### 3. Relevant Council Resolutions

Meeting and date	Item No.	Resolution
Meeting and date  17 November 2020	Item No. CM/7.15/20.11	That:  1. Council receives and notes the summary of the Councillor workshop held on 27 October 2020 detailed in the report.  2. Council replaces the existing 1.8-metre-high coastal fence in Rodney Reserve with a 1.8-metre-high coastal fence, as specified in Council's Public Domain Technical Manual, with post and concrete footings designed by Council's structural engineers.  3. Council undertakes a peer review of the original geotechnical report and recommendations to:  (a) Comment on the conclusions of the first geotechnical report.  (b) Advise on whether a 1.8 metre coastal fence in Rodney Reserve as specified in Council's Public Domain Technical manual, with post and concrete footings, can be installed up to 2 metres to the east of the current location (proposed alignment) and an estimate of the cost.  (c) If a fence with post and concrete footings cannot be safely installed on the proposed alignment, advise on other design options which would allow for the construction of the fence on the proposed alignment and an estimate of the cost.  4. Council receives a report prior to any decisions being made as to the location of the new coastal fence on Rodney Reserve.  5. The cost of obtaining the further report come from Infrastructure Services consultancy budget.  6. Council notes that a further tender report will provide a cost comparison between 316 with 600 grit polish and 2205
Council 20 October 2020	CM/7.11/20.10	stainless steel for further consideration.  That this item be deferred to the November Council meeting, with a workshop conducted prior to November meeting, and that Council officers report back with a response to the issues raised by the Dover Heights Precinct as addressed to the meeting this evening.
Operations and Community Services Committee December 2019	OC/5.1/19.12	<ol> <li>That Council:</li> <li>Notes the advice of the geotechnical report provided by JK Geotechnics attached to this report.</li> <li>Notes that the Dover Heights Precinct is expected to submit a proposal to Council about the fence location at Rodney Reserve in due course.</li> </ol>

		<ul> <li>3. If the submission from Dover Heights Precinct is received, officers refer it to the Executive Manager, Infrastructure Services, for comment.</li> <li>4. Maintains the coastal fence in its current location at Rodney Reserve until it considers a further report on the matter.</li> </ul>	
Council	CM/8.3/18.02	That Council:	
February 2018	, , , , , , ,		
,		<ol> <li>Agrees in principal to the construction of a viewing platform in Rodney Reserve in the vicinity of the site of the Radio Astronomy Memorial subject to appropriate ground testing.</li> </ol>	
		<ol> <li>Investigates the cost of constructing the viewing platform and consults the La Perouse Aboriginal Land Council in regard to the site.</li> </ol>	
		3. As part of the investigation, holds discussions with the CSIRO and consults with the relevant Precinct with the view of sharing the cost of the construction of the viewing platform.	
		4. Investigates and reports back on the viability of moving the location of the new coastal fence to the east in the area east of the Rodney Reserve playing fields so that the view of the radio telescope replica antennae and the ocean can be unobstructed.	

#### 4. Discussion

In June 2019 Geotechnical engineers (JK Geotechnics) assessed the slope and cause of landslip. Comments provided by the engineers at this time strongly recommended that the fence be located on the reserve surface at a landward set-back distance of at least 2m from the crest of the slope and founded in loose (or denser) sands below a zone of influence line projected up from the toe of the slope at 1V in 2.5H. The geotechnical report also provided comments on the Precincts proposed fencing design, which include:

- 'It is reasonable to assume that similar instability to the March 2019 event (landslip) could occur
  along any other section of the slope, particularly over the steeper sections. Given the potential for
  future failure to occur, if the fence line is located on the slope, then there is a greater likelihood of
  damage to the fence compared to if the new fence is situated in its current position.
- The sloping nature of the site (and its proximity to the cliff edge overhangs) represents a hazardous work environment. To install a fence on the slope above the cliff face crest, plant and equipment would need to be located close to the crest of the slope and would impose additional loads (and possible vibrations associated with movement and slewing of tracked equipment) which could also trigger instability.
- To reduce the impact of future instability on the fence line located on the slope, it would need to be socketed into bedrock; piling equipment would need to be used and similar concerns regarding the use of such equipment, as noted above, apply.

• If the fence is located on the slope, then this has the potential to encourage members of the public to access the slope and would therefore increase their exposure to potential slope/cliff face instability events.'

Council resolved in the November 2020 meeting to undertake a peer review of the 2019 geotechnical study. The peer review was completed by (WGA) in December 2020. The full assessment from the geotechnical engineers is cited in verbatim below.

'The stability of the existing slope above the coastal sandstone cliffs on the eastern side of Rodney Reserve is considered to be marginal given:

- the presence of uncontrolled, poorly compacted fill and the relatively loose condition of the underlying natural sands;
- the relatively steep slope (27 to 35 degrees) which is likely to be similar to the angle of repose of the uncontrolled fill and natural sand. The calculated factor or safety is expected to be less than 1.5, which is a commonly adopted minimum when assessing the long-term stability of engineered slopes;
- the possibility of groundwater within the fill and natural soils at various times which would adversely impact on slope stability.

Based on the subsurface conditions reported, it is considered that there is a relatively high likelihood that future instability could occur in the slope above the sandstone cliffs, particularly after periods of heavy rainfall.

A fence constructed on the slope some 3 m eastwards of the current fence alignment is considered to be more vulnerable to damage induced by a landslip than a fence which is situated along the crest of the slope, set-back at least 2 m landward of the crest (in a similar position to the current fence).

Based on the photographs provided, a landslip could severely damage a relatively large section of any fence constructed on the slope. Even if a landslip did not occur, the relatively low factor of safety suggests that ongoing creep movements of the slope are possible which could result in mis-alignment of the fence and the need for on-going remedial works.

In addition to the landslip risk, the construction of a fence on the slope would need to consider factors such as:

- the slope would provide reduced soil support compared to a horizontal ground surface. As a result, the footings for a fence on the slope would need to be deeper;
- the hazardous working environment due to the steepness of the slope and the proximity to the coastal cliff. It is envisaged that the OHS&W measures required for the construction work would invariably increase the cost and time of the fence construction. This would also apply to any future maintenance work required on the fence and the maintenance of vegetation located between the crest of the slope and the fence;
- the vibration and surcharge load imposed by construction activities could trigger slope instability;
- if the fence was not at the crest, the general public would be able to access the upper portion of the potentially unstable slope and would be able to get closer to the undercut cliffs. It is our opinion that it is difficult to safely walk on a 27 to 35 degree slope, particularly in wet conditions. These conditions would appear to pose additional risk to the general public and potentially expose the local council to additional liability.'

The peer review of the geotechnical assessment concludes:

'Based on a review of the documentation provided, it is our opinion that, from a geotechnical perspective, the proposed fence ought to be located along the crest of the slope, set-back at least 2 m landward of the crest, rather than along the face of the slope.

Given the unfavourable ground conditions at the site (uncontrolled fill, loose natural sands, groundwater seepage and steep slope), it is conceivable that damage could occur to a fence constructed near the crest of the slope should a relatively large landslip occur. Such a landslip would, however, be expected to have a more profound effect on a fence constructed on the slope.'

As advised, the physical installation of a fence on the embankment could trigger landslip (JK Geotechnics 2019 and WCA 2020), therefore there are no alternative structural engineering methods (such as beam footings) which could be employed to mitigate the risk of triggering slope instability/landslip as all installation methods would impact slope stability.

Based on the geotechnical assessment and advice provided in 2019 and peer review completed in 2020, it is recommended that the new fence be located at the top of slope a minimum of 2 metres from the slope crest. Councillors are now in receipt of two pieces of expert geotechnical advice that recommends this course of action based on slope stability and safety concerns.

### 5. Financial impact statement/Time frame/Consultation

### **Financial impact**

The expected cost of replacing the existing chain-link fence with a new 1,800mm high stainless-steel coastal fence made from 316 grade stainless steel at Rodney Reserve ranges from \$850,000 to \$950,000. The exact pricing will be determined by market rates when tendering for the project. This will be funded through allocations within the Capital Works Program Coastal Fencing Renewal project code.

If the fence were to be moved down slope using construction methods proposed by the precinct, the construction cost could be considerably higher than the estimate indicated above. It is difficult to estimate the cost of moving the fence down slope currently. Were Council to go to tender on such a fence alignment, there may be a risk that construction companies would not be willing to take on the risk of their staff working as close as would be required to the cliff edge.

#### Time frame

The fence is expected to be built in the 2022-23 financial year. The construction timeframe is likely to be four months to fabricate and install the fence. If the fence were to be constructed using the beam method proposed by the precinct the construction timeframe will be longer.

#### Consultation

# Community consultation

Consultation was undertaken on the alignment of the coastal fence with community sporting groups and schools who currently use or have used use Rodney Reserve. Feedback indicated that users of the field supported the fence in its current location or alternatively located closer to the field to mitigate the impact of lost balls.

The Dover Heights Precinct have provided the proposal relating to the fence, representatives of the precinct strongly favour the proposal they have submitted which is to move the fence down slope.

#### Councillor consultation

A Council workshop was held on 27 October 2020. Several reports have been presented to Council which discuss the implications of moving the fence down slope.

## 6. Conclusion

Advice from Geotechnical engineers supports keeping the fence in its current location or further back from the embankment. Council staff support this view.

The recommendation based on the above is, at minimum, to replace the coastal fence in a similar alignment as the existing fence.

## 7. Attachments

1. WGA - Geotechnical Peer Review - Rodney Reserve Fence - December 2020  $\underline{\mathbb{J}}$ .



Precision Engineering Group Pty Ltd Unit 3E, 21 Beafield Road PARA HILLS WEST SA 5096

Attention: Mr Christopher Barrett

18th December 2020

Project No. WGA202591

Dear Sir

# PROPOSED FENCE ALIGNMENT. RODNEY RESERVE, DOVER HEIGHTS, NSW GEOTECHNICAL PEER REVIEW

#### 1. INTRODUCTION

WGA has undertaken a peer review of the proposed location of a fence which is to be constructed along the eastern (seaward) side of Rodney Reserve at Dover Heights, NSW.

The peer review was undertaken at the request of Precision Engineering Group Pty Ltd.

This report briefly summarises the site conditions and provides an opinion, from a geotechnical perspective, on the suitability of constructing the fence on the slope face above the coastal cliffs.

#### 2. SCOPE OF THE PEER REVIEW

The peer review has been undertaken solely as a desk top review of existing geotechnical reports for the site prepared by JK Geotechnics (References 1 to 3).

A site visit and detailed slope stability analyses have not been undertaken.

#### 3. BACKGROUND

Reference 1 indicates that Rodney Reserve is a relatively flat grass covered reserve on the eastern side of Rodney Street at Dover Heights. The reserve extends eastwards to the crest of a slope which grades down to a near vertical sandstone foreshore cliff (reported to be around 60 m high and undercut in places). The slope above the sandstone cliff ranges from about 27 to 35 degrees and is vegetated.

A post and wire-mesh fence is located along the eastern side of the reserve, near the crest of the seaward slope.

A landslip reportedly occurred at the crest of the slope in March 2019 following heavy rainfall. The landslip was about 6 m wide at the crest and had a stepped profile to the east over a height of about 3.5 m.

The crest of the upper back scarp extended around 5.5 m landward from the inferred former crest alignment and about 1.5 m landward from the existing fence line.

60 Wyatt Street Adelaide SA 5000 T: 08 8223 7433 WGASA Pty Ltd ABN 97 617 437 724

ADELAIDE

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MELBOURNE

PERTH

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The landslip appears to have formed primarily in sandy fill which was around 2 m thick and contained gravel, bricks, concrete and asphalt fragments. The fill was assessed to have been placed in an uncontrolled manner and to be poorly compacted. The fill is underlain by natural marine sands which are typically in a loose condition. The sands extend to a depth of about 4.5 m, where sandstone bedrock occurs.

It would appear that the fill has been pushed out over the natural east facing sand slope as part of earlier land reclamation works.

Plate 1 shows a view of the landslip from the east.



Plate 1: View of Landslip From The East

Reference 1 reported the presence of groundwater seepage in the upper portion of the landslip scarp and near the base of the marine sands.

An inferred cross-section through the landslip is presented in Figure 1.

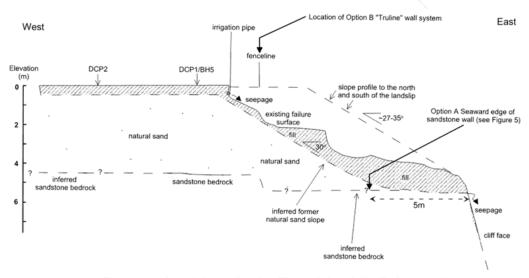


Figure 1: Inferred Cross-Section Through Landslip (Reference 1)

WGA202591-LT-GE-0001[A]

Reference 1 indicates that the landslip was most likely triggered by elevated water levels within the fill and natural sands which resulted in a reduced shear strength. The elevated water levels were most likely caused by the infiltration of surface run-off during rainfall and the possible introduction of water into the fill from the irrigation system in the reserve prior to the rainfall.

Possible remedial works for the landslip identified in Reference 2 include:

- rockfill, to reinstate the slope where material has slumped or been eroded;
- soil anchors with a soft facing to support the soil between the anchor heads.

As part of the remedial works a new heavy duty, stainless steel fence is proposed which will be situated on the slope about 3 m seaward (downslope) of the current fence line near the crest of the slope. The proposed fence location has reportedly been chosen to reduce the visual impact of the fence, as it will be below the current ground surface in the reserve.

#### 4. ASSESSMENT

The stability of the existing slope above the coastal sandstone cliffs on the eastern side of Rodney Reserve is considered to be marginal given:

- the presence of uncontrolled, poorly compacted fill and the relatively loose condition of the underlying natural sands;
- the relatively steep slope (27 to 35 degrees) which is likely to be similar to the angle of repose of the uncontrolled fill and natural sand. The calculated factor or safety is expected to be less than 1.5, which is a commonly adopted minimum when assessing the long-term stability of engineered slopes:
- the possibility of groundwater within the fill and natural soils at various times which would adversely
  impact on slope stability.

Based on the subsurface conditions reported in Reference 1, it is considered that there is a relatively high likelihood that future instability could occur in the slope above the sandstone cliffs, particularly after periods of heavy rainfall.

A fence constructed on the slope some 3 m eastwards of the current fence alignment is considered to be more vulnerable to damage induced by a landslip than a fence which is situated along the crest of the slope, set-back at least 2 m landward of the crest (in a similar position to the current fence).

Based on the photographs provided in Reference 1, a landslip could severely damage a relatively large section any fence constructed on the slope. Even if a landslip did not occur, the relatively low factor of safety suggests that on-going creep movements of the slope are possible which could result in misalignment of the fence and the need for on-going remedial works.

In addition to the landslip risk, the construction of a fence on the slope would need to consider factors such as:

- the slope would provide reduced soil support compared to a horizontal ground surface. As a result, the footings for a fence on the slope would need to be deeper;
- the hazardous working environment due to the steepness of the slope and the proximity to the
  coastal cliff. It is envisaged that the OHS&W measures required for the construction work would
  invariably increase the cost and time of the fence construction. This would also apply to any future
  maintenance work required on the fence and the maintenance of vegetation located between the
  crest of the slope and the fence;
- the vibration and surcharge load imposed by construction activities could trigger slope instability;
- if the fence was not at the crest, the general public would be able to access the upper portion of the
  potentially unstable slope and would be able to get closer to the undercut cliffs. It is our opinion
  that it is difficult to safely walk on a 27 to 35 degree slope, particularly in wet conditions. These
  conditions would appear to pose additional risk to the general public and potentially expose the
  local council to additional liability.

#### 5. CONCLUSION

Based on a review of the documentation provided, it is our opinion that, from a geotechnical perspective, the proposed fence ought to be located along the crest of the slope, set-back at least 2 m landward of the crest, rather than along the face of the slope.

Given the unfavourable ground conditions at the site (uncontrolled fill, loose natural sands, groundwater seepage and steep slope), it is conceivable that damage could occur to a fence constructed near the crest of the slope should a relatively large landslip occur. Such a landslip would, however, be expected to have a more profound effect on a fence constructed on the slope.

Should you require any further information or clarification regarding our proposal, please do not hesitate to contact the undersigned.

Yours sincerely

Roger Grounds

tor

#### WALLBRIDGE GILBERT AZTEC

#### References:

- Geotechnical Assessment, Proposed Landslip Remediation Rodney Reserve, Dover Heights, NSW. JK Geotechnics Report Reference 32296RXrpt.Rev.1, dated 15 May 2019.
- Geotechnical Analysis and Design, Proposed Landslip Remediation Rodney Reserve, Dover Heights, NSW. JK Geotechnics Report Reference 32296YXrpt.Rev.2, dated 27 July 2019.
- Geotechnical Assessment, Proposed Boundary Fence, Rodney Reserve, Dover Heights, NSW. JK Geotechnics letter Reference 32296RXLet1, dated 14 June 2019.

WGA202591-LT-GE-0001[A]

# REPORT OC/5.4/21.03

Subject: Bondi Pavilion Restoration and Conservation Project -

**Quarterley Update** 

**TRIM No:** A15/0272

**Author:** Matt Henderson, Senior Project Manager

**Director:** Emily Scott, Director, Community, Assets and Operations



#### **RECOMMENDATION:**

That Council receives and notes the report on the Bondi Pavilion Restoration and Conservation Project.

### 1. Executive Summary

The previous quarterly report was submitted in December 2020 and this is a subsequent quarterly update on the Bondi Pavilion Restoration and Conservation project. Construction works are continuing to progress with the contractor in the final stage of completing the Separable Portion 1 demolition works as well as progressing main works included in Separable Portions 2 and 3.

This report meets Office of Local Government reporting requirements in respect of major capital works projects.

#### 2. Introduction/Background

The Bondi Pavilion Restoration and Conservation project development application (DA) was lodged on 3 April 2019 and subsequently approved on 19 December 2019. After a competitive open tender process, Buildcorp were appointed as the head contractor in July 2020 and commenced construction works on 13 July 2020.

The previous quarterly report was submitted in December 2021.

#### 3. Relevant Council Resolutions

Meeting and date	Item No.	Resolution
Strategic Planning and Development	PD/5.7/20.12	That Council:
Committee		1. Receives and notes the report on the Bondi Pavilion
1 December 2020		Restoration and Conservation Project.
		2. Notes the progress of the development of the Bondi Story Room concept.

#### 4. Discussion

#### Construction

The contractor is currently completing works within Separable Portion 1, 2 and 3 with a high-level summary provided below:

### SP1 – Demolition (commenced)

- Commenced upon satisfaction of site access conditions.
- A and B class hoarding installation (completed).
- Amphitheatre demolition including removal of contaminated soil (completed).
- Internal strip-out ceilings exposed for timber inspection (completed).
- Services isolation ongoing.
- Demolition of 'The Bucket List' (completed).
- Existing signage removed (completed).
- New openings (completed).
- Stairs demolished (completed).
- Demolition of Area 1 double height Pavilion stairs (completed).
- Stripping of Area 1 Theatre area ongoing.
- North Pavilion hazardous material removal ongoing.

## SP2 - Main Construction Works (commenced)

- External promenade works scheduled to commence on 05 April 2021.
- Underpinning works ongoing.
- Strip and pad footings preparation works ongoing.
- Masonry works ongoing.
- Structural and render repairs ongoing.
- Services installation ongoing.
- Ceiling and partitions (pending commencement).
- Finishes and fitout (pending commencement).
- Carpentry works (pending commencement).
- Glazing and façade works (pending commencement).
- Commercial kitchens (pending commencement).

### SP3 - Commercial Tenancies (commenced)

Commenced.

#### **SP4 – Existing Commercial Tenancy (pending commencement)**

• Works awaiting commencement.

# **Upcoming Construction Activities**

- Scaffold to main Pavilion building.
- Heritage window prototype.
- Façade restoration samples ongoing.
- Preparation of the installation of masonry lintels.
- Preparation of the installation of structural steel to atrium and north east pavilion.
- Preparation of underpinning and strip footings

• Installation of new precast concrete columns.

#### Work health and safety

- Internal safety audits are completed on a weekly basis by the head contractor, the last audit was completed in December 2020.
- All safe work method statements for subcontractors have been reviewed and approved by the Head Contractor.
- There have been 2 minor safety incidents since the previous report was prepared.
- The Head Contractor continues to undertake daily site and subcontractor safety meetings.

#### **Communications**

Council has a designated communications officer who provides regular updates to the community in relation to the progression of the works through online platforms and direct correspondence. There is also a designated email address <pavilionconsultation@waverley.nsw.gov.au> that has been advertised for community members to directly contact Council in relation to any questions or concerns.

Additionally, Buildcorp, in collaboration with Council, releases a monthly stakeholder communications report. The January report is attached to this report (Attachment 2).

#### **Green Star**

The round 1 and 2 Green Star submission to the Green Building Council of Australia was lodged in December and February respectively. The GBCA has confirmed that both round 1 and 2 submissions were successful, and the project is on track to achieve the 5-star green star rating.

### 5. Financial impact statement/Time frame/Consultation

The budget for the Bondi Pavilion Restoration and Conservation Project is from project code C0006 and Long Term Financial Plan (LTFP).

LTFP 5.2 includes a budget of \$34,500,000 for the Bondi Pavilion Restoration and Conservation Project building works and \$5,200,000 for the associated external landscape and public domain works. It is worth noting that the total budget includes construction, including contingency and consultancy costs.

A breakdown of head contractor and head consultant costs have been provided below:

#### **Head contractor fees**

•	Contract sum	\$32,388,299.00
•	Contingency	\$4,850,734.00
•	Contingency remaining	\$3,512,888.98
•	Variations approved to date	\$1,337,111.02
•	Variations rejected/withdrawn to date	\$298,252.51

The contractor's variations approved to date are mainly related to latent conditions or unforeseen site conditions that could not have been anticipated at the time of tender. The latent conditions include hazardous material (HAZMAT) removal, contaminated soil removal and decontamination, lead dust removal etc. and structural works.

## Head consultant fees (construction phase)

Contract sum (construction phase only)	\$955,637.50
Contingency	\$344,362.50
Contingency remaining	\$69,400.00
Variations approved to date	\$274,962.50
Variations rejected/withdrawn to date	\$0

#### **Program**

Works are progressing well with progress meaning funds have recently been brought forward to match the progress being made. The contractor has submitted a revised program which incorporates a variation relating to latent conditions and unforeseen site conditions. This variation is being assessed. Practical Completion will remain within the agreed timeframe regardless of the determination on this variation.

#### 6. Conclusion

The next quarterly report will be submitted at the June 2021 Operation and Community Services Committee meeting.

## 7. Attachments

- 1. Construction program <u>J</u>
- 2. Monthly community update January <a>J</a> .

#### **Bondi Pavilion - Construction Programme - Rev 5** ID Task Name Duration Start 419 days Wed 29/04/20 Mon 29/11/2: **Key Milestones** 419 days Wed 29/04/20 Mon 29/11/21 Completion Milesto **Completion Milestones** 419 days Wed 29/04/20 Mon 29/11/21 Mon 6/07/20 Tue 13/04/21 4 SP1 192 days 6/07 SP1 - Instruction to Commence from Principal Mon 6/07/20 0 days Mon 6/07/20 13/07 ♦ SP1 Access to Site SP1 Access to Site 0 days Mon 13/07/20 Mon 13/07/20 13/04 SP1 Completion SP1 Completion Tue 13/04/21 Tue 13/04/21 17/04 • SP5 Sat 17/04/21 Sat 17/04/21 0 days 17/04 SP5 Completion SP5 Completion 0 days Sat 17/04/21 Sat 17/04/21 SP2 364 days Fri 10/07/20 Mon 29/11/21 10/07 SP2 - Instruction to Commence from Principal SP2 - Instruction to Commence from Principal 0 days Fri 10/07/20 Fri 10/07/20 SP2 CC required from Principle 0 days Sat 17/04/21 Sat 17/04/21 17/04 SP2 CC required from Principle Sat 21/08/21 Sat 21/08/21 21/08 Permanent Power Available Permanent Power Available 0 days Stage 1 - Main Building Works Stage 1 - Main Building Works Tue 16/11/21 11/11 SP2 - Stage 1 Commend 15 SP2 - Stage 1 Commence 0 days Wed 11/11/20 Wed 11/11/20 15/05 A Structural Works Complete Structural Works Complete Sat 15/05/21 Sat 15/05/21 0 days 17/09 • Internal Fitout Complete Internal Fitout Complete Fri 17/09/21 Fri 17/09/21 0 days 27/10 ♦ External Works Complete External Works Complete 0 days Wed 27/10/21 Wed 27/10/21 SP2 - Stage 1 Complete 0 days Tue 16/11/21 Tue 16/11/21 16/11 ♦ SP2 - Stage 1 Complete Stage 2 - External Promenade Work Stage 2 - External Promenade Works 69 days Mon 22/03/21 Fri 25/06/21 22/03 SP2 - Stage 2 Commence SP2 - Stage 2 Commence 0 days Mon 22/03/21 Mon 22/03/21 12/05 SP2 - Stage 2A Complete 22 SP2 - Stage 2A Complete 0 days Wed 12/05/21 Wed 12/05/21 23 SP2 - Stage 2 Complete Fri 25/06/21 Fri 25/06/21 25/06 ♦ SP2 - Stage 2 Complete 0 days Stage 3A - Western Landscape Works (Entry Path) 24 Stage 3A - Western Landscape Works (Entry Path) 40 days Mon 24/05/21 Wed 14/07/21 24/05 SP2 - Stage 3A Commence SP2 - Stage 3A Commence Mon 24/05/21 Mon 24/05/21 14/07 SP2 - Stage 3A Complete 26 SP2 - Stage 3A Complete Wed 14/07/21 Wed 14/07/21 0 days Stage 3B/C - Western Landscape Works 27 Stage 3B/C - Western Landscape Works (Remaining) 144 days Tue 27/04/21 Sat 30/10/21 27/04 ♦ SP2 - Stage 3B/C Commence SP2 - Stage 3B/C Commence 0 days Tue 27/04/21 Tue 27/04/21 30/10 SP2 - Stage 3 Complete 29 SP2 - Stage 3 Complete 0 days Sat 30/10/21 Sat 30/10/21 SP2 Completion (Project Completion) 29/11 SP2 Completion (Project C 0 days Mon 29/11/21 Mon 29/11/21 253 days Fri 13/11/20 Tue 9/11/21 13/11 SP3 - Instruction to Commence from Principal SP3 - Instruction to Commence from Principal 0 days Fri 13/11/20 Fri 13/11/20 SP3 Commence Works On-Site Fri 25/06/21 0 days Fri 25/06/21 33 2/08 SP3 Cold Shell Works Complete SP3 Cold Shell Works Complete Mon 2/08/21 Mon 2/08/21 SP3 Works Commissioned and Mainworks Building Ready for Handover 35 Tue 9/11/21 Tue 9/11/21 0 days SP4 403 days Wed 29/04/20 Tue 9/11/21 Wed 6/05/20 nancy ready for Hoarding(Date as per RFT) Surfish Tenancy ready for Hoarding(Date as per RFT) 37 0 days Wed 6/05/20 Wed 29/04/20 ccess to Surfish Tenancy Surroundings (assumed) 38 Contractor Access to Surfish Tenancy Surroundings (assumed Ved 29/04/20 13/05 SP4 Commence Works On-Site SP4 Commence Works On-Site 39 Thu 13/05/21 Thu 13/05/21 0 days 20/08 SP4 Cold Shell Works Complete 40 SP4 Cold Shell Works Complete Fri 20/08/21 Fri 20/08/21 SP4 Works Commissioned and Mainworks Building Ready for Handover Tue 9/11/21 Tue 9/11/21 0 davs Weekend Shutdown 224 days Wed 23/09/20 Sun 15/08/21 23/09 Henry Blooms Bondi Barefoo Henry Blooms Bondi Barefoot Wed 23/09/20 Wed 23/09/20 43 0 davs 18/10 A 2020 City2Surf 2020 Citv2Surf Sun 18/10/20 Sun 18/10/20 45 Sculpture by the Sea Weekend 1 Sat 24/10/20 Sat 24/10/20 24/10 Sculpture by the Sea 0 davs 31/10 Sculpture by the Sea Weekend 2 Sculpture by the Sea Weekend 2 0 days Sat 31/10/20 Sat 31/10/20 7/11 Sculpture by the Sea Weekend 3 Sculpture by the Sea Weekend 3 Sat 7/11/20 Sat 7/11/20 0 davs 2/04 Easter 2021 Long Weekend 48 Easter 2021 Long Weekend 0 days Fri 2/04/21 Fri 2/04/21 15/08 • 2021 City2Surf (nominal date) 2021 City2Surf (nominal date) 0 days Sun 15/08/21 Sun 15/08/21 50 School Holidays 369 days Mon 6/07/20 Fri 9/07/21 2020 Term 2 School Holidays 2020 Term 2 School Holidays 12 days Mon 6/07/20 Fri 17/07/20 52 2020 Term 3 School Holidays 12 days Mon 28/09/20 Fri 9/10/20 2020 Term 4 School Holidays 37 days Mon 21/12/20 Tue 26/01/21 21/12 2020 Term 4 School Holidays 2021 Term 1 School Holidays 12 days Mon 5/04/21 Fri 16/04/21 55 2021 Term 2 School Holidays 12 days Mon 28/06/21 Fri 9/07/21 28/06 2021 Term 2 School Holidays 56 Mon 6/07/20 118 days Thu 10/12/20 SP1 57 SP1 7 days Mon 6/07/20 Mon 13/07/20 Tue 14/07/20 Thu 10/12/20 111 days 11/10 • Principle DA Conditions **Principle DA Conditions** Mon 11/10/21 Mon 11/10/21 137 190 99 days Fri 13/11/20 191 SP4 - Provisional Allowance 99 days Mon 6/07/20 Fri 13/11/20 Design Period Allowance Design Period Allowance Fri 13/11/20 193 Mon 6/07/20 Tue 22/06/21 194 SP1 Mon 6/07/20 Fri 31/07/20 SP1 195 Mon 6/07/20 Demolition Subcontractor Mon 13/07/20 Mobilisation of Demolition Subco Mobilisation of Demolition Subcontractor 6 days Mon 6/07/20 Mon 13/07/20 Hoarding Subcontractor 197 Mon 6/07/20 Fri 17/07/20 Mobilisation of Hoarding Subcontractor Mobilisation of Hoarding Subcontractor 10 days Mon 6/07/20 Fri 17/07/20 Project: 20200402 Bondi Pavilion Task Project Summary Critical Split Date: 30/07/20

#### **Bondi Pavilion - Construction Programme - Rev 5** ID Task Name Duration Start Finish 199 15 days Fri 10/07/20 Fri 31/07/20 Mobilisation of Scaffold Subcontractor 200 Mobilisation of Scaffold Subcontractor 15 days Fri 10/07/20 Fri 31/07/20 SP2/SP3/SP4 201 230 days Tue 22/06/21 202 Mobilise Procurement Team 90 days Fri 10/07/20 Fri 13/11/20 203 Structural Trades 262 Services Trades 130 days Mon 30/11/20 Tue 22/06/21 Facade Trades 338 348 117 days Mon 14/12/20 Internal Finishes Thu 17/06/21 External Works Trades 460 External Works Trades 60 days Fri 12/02/21 Mon 10/05/21 497 184 days Mon 9/11/20 Wed 4/08/21 **Preliminaries** Scaffolding 498 Scaffolding 184 days Mon 9/11/20 Wed 4/08/21 499 Area 1 - Main Pavilion Building 142 days Wed 27/01/21 Wed 4/08/21 Area 1 - Main Pavilion Buildin 27/01 Erect Scaffold - GF - L1 500 Erect Scaffold - GF - L1 4 days Wed 27/01/21 Mon 1/02/21 2/02 Erect Scaffold - L1 - Roo 501 Erect Scaffold - L1 - Roof 28/07 Drop Scaffold (Roof - L1) - Area 1 502 Drop Scaffold (Roof - L1) - Area 1 3 days Wed 28/07/21 Fri 30/07/21 2/08 Drop Scaffold (L1 - GF) - Area 1 503 Drop Scaffold (L1 - GF) - Area 1 Mon 2/08/21 3 days Wed 4/08/21 4/08 ♠ All Scaffold Dropped 504 All Scaffold Dropped Wed 4/08/21 0 days Wed 4/08/21 Area 2 - North Building 505 Area 2 - North Building 81 days Wed 24/03/21 Tue 13/07/21 506 Erect Scaffold - GF - L1 Wed 24/03/21 Tue 30/03/21 24/03 Erect Scaffold - GF - L1 5 days 10/07 Drop Scaffold (L1 - GF) to Area 1 507 Drop Scaffold (L1 - GF) to Area 1 3 days Sat 10/07/21 Tue 13/07/21 508 Area 3 - South Building Area 3 - South Building Wed 31/03/21 Thu 8/07/21 72 days 31/03 Erect Scaffold - GF - L1 509 Erect Scaffold - GF - L1 5 days Wed 31/03/21 Fri 9/04/21 6/07 Drop Scaffold (L1 - GF) to Area 3 510 Drop Scaffold (L1 - GF) to Area 3 Tue 6/07/21 Thu 8/07/21 511 Area 4 - Gatehouse Building 180 days Mon 9/11/20 Thu 29/07/21 9/11 Erect Scaffold - GF - L1 512 Erect Scaffold - GF - L1 Mon 9/11/20 513 13/11 Erect Scaffold - L1 - Roo Erect Scaffold - L1 - Roof Fri 13/11/20 4 days Tue 17/11/20 26/07 Drop Scaffold (Roof - L1) - Area 1 514 Drop Scaffold (Roof - L1) - Area 1 Mon 26/07/21 Tue 27/07/21 28/07 Drop Scaffold (L1 - GF) to Area 1 515 Drop Scaffold (L1 - GF) to Area 1 2 days Wed 28/07/21 Thu 29/07/21 368 days Mon 6/07/20 Mon 29/11/21 516 Constructio 517 ■ SP1 - Demolition Works SP1 - Demolition Works 192 days Mon 6/07/20 Tue 13/04/21 Mon 6/07/20 Mon 13/07/20 518 Mobilisation and Access 7 days 6/07 Council to provide access 519 Council to provide access 7 days Mon 6/07/20 Mon 13/07/20 6/07 Contractor Mobilisation to Site 520 Contractor Mobilisation to Site 7 days Mon 6/07/20 Mon 13/07/20 521 SP1 Access to Site Mon 13/07/20 Mon 13/07/20 13/07 SP1 Access to Site Site Establishm Site Establishment 19 days Tue 14/07/20 522 Thu 6/08/20 14/07 Site Establishment 523 Site Establishment Tue 14/07/20 Fri 17/07/20 20/07 Protection Works to Sydney Water Sewe 524 Mon 20/07/20 Protection Works to Sydney Water Sewer 8 days Tue 28/07/20 20/07 Construct Class A and Class B Hoarding 525 Construct Class A and Class B Hoarding 15 days Mon 20/07/20 Thu 6/08/20 Temporary Façade Bracing/Propping works 8 days Mon 20/07/20 Tue 28/07/20 20/07 Temporary Façade Bracing/Propping works 527 Install Protection to Required Internal Areas 8 days Mon 20/07/20 Tue 28/07/20 25/07 Review of Inground Services in Courtvard Area 528 Review of Inground Services in Courtyard Area 5 days 22/07 Demolish Existing Brick Paved Amphitheatre and Create Access Road 529 Demolish Existing Brick Payed Amphitheatre and Create Access Road Wed 5/08/20 12 days Wed 22/07/20 Removal of Existing Signs 530 Removal of Existing Signs 6 days Mon 20/07/20 Sat 25/07/20 Area 1 - Double Height Pavilio Area 1 - Double Height Pavilion 3 days Mon 20/07/20 Wed 22/07/20 531 20/07 Removal of Existing Signs 532 Removal of Existing Signs 3 days Mon 20/07/20 Wed 22/07/20 ☐ Area 2 - North Building 533 Area 2 - North Building 3 days Tue 21/07/20 Thu 23/07/20 21/07 Removal of Existing Signs 534 Removal of Existing Signs 3 days Tue 21/07/20 Thu 23/07/20 ☐ Area 3 - South Building 535 Area 3 - South Building 3 days Wed 22/07/20 Fri 24/07/20 22/07 Removal of Existing Signs 536 Removal of Existing Signs 3 days Wed 22/07/20 Fri 24/07/20 537 Area 4 - Western Double Storey Buildin Area 4 - Western Double Storey Building 3 days Thu 23/07/20 Sat 25/07/20 23/07 Removal of Existing Signs 538 Removal of Existing Signs 3 davs Thu 23/07/20 Sat 25/07/20 Decommission of Exisiting Services 539 Decommission of Exisiting Services Mon 20/07/20 **Decommission Exisiting Services** 10 days Mon 20/07/20 Thu 30/07/20 540 541 Demolition Works 181 days Mon 20/07/20 Demolition Works 542 Salvage Works Mon 20/07/20 Salvage Works 88 days Fri 13/11/20 Area 1 - Double Height Pavilion 543 Area 1 - Double Height Pavilion 83 days Sat 25/07/20 Fri 13/11/20 First Level 544 First Level Sat 22/08/20 Fri 13/11/20 61 days 9/11 Salvage Timber Floor Boards 545 Salvage Timber Floor Boards 5 days Mon 9/11/20 Fri 13/11/20 22/08 Salvage Ceramic Tiles 546 Salvage Ceramic Tiles 5 days Sat 22/08/20 Ground Level 547 Ground Level Sat 25/07/20 Tue 4/08/20 8 davs 25/07 Removal of Existing Artworks Removal of Existing Artworks 3 days Sat 25/07/20 25/07 Salvage Existing Plaque and Stone 549 Salvage Existing Plague and Stone Sat 25/07/20 2 days Mon 27/07/20 29/07 Removal of Existing Mosaic Floors 550 Removal of Existing Mosaic Floors Wed 29/07/20 551 Area 2 - North Building Area 2 - North Building 32 days Mon 20/07/20 Thu 27/08/20 Ground Level 552 **Ground Level** 32 days Mon 20/07/20 Thu 27/08/20 20/07 Removal of Concrete Picnic Bench and Seating 553 Removal of Concrete Picnic Bench and Seating Mon 20/07/20 5 days Fri 24/07/20 22/08 Salvage Windows 554 Salvage Windows Sat 22/08/20 Thu 27/08/20 Area 3 - South Building 555 Area 3 - South Building 27 days Sat 25/07/20 Thu 27/08/20 Ground Level 556 **Ground Level** Sat 25/07/20 Thu 27/08/20 Project: 20200402 Bondi Pavilion Task ..... Milestone Project Summary Critical Split Date: 30/07/20

#### **Bondi Pavilion - Construction Programme - Rev 5** ID Task Name Duration Start Finish 557 Tue 28/07/20 Removal of Concrete Picnic Bench and Seating Sat 25/07/20 3 davs 22/08 - Salvage Windows 558 Salvage Windows Sat 22/08/20 Thu 27/08/20 559 Fri 31/07/20 Fri 9/04/21 169 days Stripping 560 Area 1 - Double Height Pavilion 160 days Wed 12/08/20 Fri 9/04/21 Area 1 - Double Height Pavilion Roof Level 561 Sat 6/02/21 Wed 24/03/21 Roof Level 37 davs 6/02 Remove Existing Smoke Exhausts 562 Remove Existing Smoke Exhausts 2 days Sat 6/02/21 Mon 8/02/21 563 6/02 Remove Existing Solar Panels Remove Existing Solar Panels 2 days Sat 6/02/21 Mon 8/02/21 9/02 Remove Existing Metal Deck Roo 564 Remove Existing Metal Deck Roof 3 days Tue 9/02/21 Thu 11/02/21 9/02 Remove Existing Concrete Roof Tiles 565 Remove Existing Concrete Roof Tiles 5 days Tue 9/02/21 Mon 15/02/21 24/03 | Clean 566 1 day Wed 24/03/21 Wed 24/03/21 567 First Level 71.5 days Tue 18/08/20 Mon 23/11/20 20/08 Removal of Existing Wet Area Parititions, Fittings and Fixtures 568 Removal of Existing Wet Area Parititions, Fittings and Fixtures Thu 20/08/20 Mon 24/08/20 4 davs 20/08 Removal of Existing Joinery, Fittings and Doors 569 Removal of Existing Joinery, Fittings and Doors Thu 20/08/20 Mon 24/08/20 9/11 Remove Existing Bar 570 Mon 9/11/20 Thu 12/11/20 Remove Existing Bar 4 davs 11/11 Removal of Existing Flooring 571 Removal of Existing Flooring Wed 11/11/20 Sat 14/11/20 4 days 13/11 Removal of Internal Walls 572 3 days Fri 13/11/20 Mon 16/11/20 Removal of Internal Walls 17/11 Removal of Ceiling Finishes 573 Removal of Ceiling Finishes 5 days Tue 17/11/20 Mon 23/11/20 Theatre Area 574 Tue 18/08/20 Tue 17/11/20 Theatre Area 67.5 days 575 Remove and Demolish Existing Theatre Seating and Stage 5.5 days Tue 18/08/20 Mon 24/08/20 18/08 Remove and Demolish Existing Theatre Seating and Stage 576 Mon 9/11/20 Wed 11/11/20 9/11 Remove Existing Walls and Columns Remove Existing Walls and Columns 3 days 10/11 Remove Ceiling Finishes 577 Remove Ceiling Finishes Tue 10/11/20 Tue 17/11/20 18/11 Remove Windows and Window Frames 578 Remove Windows and Window Frames 3 days Wed 18/11/20 Fri 20/11/20 Ground Level 579 Ground Level 160 days Wed 12/08/20 Fri 9/04/21 9/11 Remove Theatre AC Unit 580 Remove Theatre AC Unit Mon 9/11/20 Thu 12/11/20 4 days 9/11 Demolish External Ramp 581 Demolish External Ramp 4 days Mon 9/11/20 Thu 12/11/20 582 Removal of Existing Wet Area Parititions, Fittings and Fixtures 3 days Wed 12/08/20 12/08 Removal of Existing Wet Area Parititions, Fittings and Fixtures 9/11 Removal of Existing Joinery, Fittings and Doors 583 Removal of Existing Joinery, Fittings and Doors Mon 9/11/20 Wed 25/11/20 26/11 Removal of Existing Flooring 584 Removal of Existing Flooring 3 days Thu 26/11/20 Sat 28/11/20 585 Removal of Internal Walls Thu 20/08/20 Mon 24/08/20 20/08 Removal of Internal Walls 586 30/11 Removal of Ceiling Finishes Fri 4/12/20 Removal of Ceiling Finishes 5 davs Mon 30/11/20 9/12 Remove Windows and Window 587 Remove Windows and Window Frames 3 days Wed 9/12/20 Fri 11/12/20 1/04 Removal Paving Materials and Excavate as required 588 Removal Paving Materials and Excavate as required 4 days Thu 1/04/21 Fri 9/04/21 589 Area 2 - North Building 75 days Fri 31/07/20 Tue 10/11/20 Area 2 - North Building 590 First Level Fri 31/07/20 Tue 10/11/20 First Level 75 days 31/07 Removal Existing Gutters 591 Removal Existing Gutters 2 days Fri 31/07/20 Mon 3/08/20 4/08 Remove Existing Downpipes (L1-GF) 592 Remove Existing Downpipes (L1-GF) Tue 4/08/20 Tue 4/08/20 1 day 5/08 Removal Metal Roof and Structure 593 Removal Metal Roof and Structure 4 days Wed 5/08/20 Sat 8/08/20 594 9/11 Clear Clean 2 days Mon 9/11/20 Tue 10/11/20 595 **Ground Level** 10 days Wed 12/08/20 Mon 24/08/20 17/08 Removal of Existing Wet Area Parititions, Fittings and Fixture 596 Removal of Existing Wet Area Parititions, Fittings and Fixtures Mon 17/08/20 Wed 19/08/20 19/08 Removal of Existing Joinery, Fittings and Doors 597 Removal of Existing Joinery, Fittings and Doors 4 days Wed 19/08/20 Sat 22/08/20 21/08 Removal of Existing Flooring 598 Removal of Existing Flooring 2 days Fri 21/08/20 Sat 22/08/20 19/08 Removal of Internal Walls 599 Removal of Internal Walls 3 days Wed 19/08/20 Fri 21/08/20 20/08 Demolish Exterior Walls 600 Demolish Exterior Walls Thu 20/08/20 Fri 21/08/20 2 days 18/08 Removal of Ceiling Finishes 601 Removal of Ceiling Finishes 5 days Tue 18/08/20 Sat 22/08/20 602 20/08 Removal of Fittings and Fixtures to Existing Cellar below ground Removal of Fittings and Fixtures to Existing Cellar below ground 4 days Thu 20/08/20 Mon 24/08/20 603 Removal of Steel framed Glazing 6.4 days Fri 14/08/20 Sat 22/08/20 14/08 Removal of Steel framed Glazing 19/08 Remove Windows and Window Frames 604 Wed 19/08/20 Sat 22/08/20 Remove Windows and Window Frames 3.4 days 12/08 Removal of Boarding to Existing Doors and Windows 605 Removal of Boarding to Existing Doors and Windows 8 days Wed 12/08/20 Fri 21/08/20 606 Area 3 - South Building Tue 18/08/20 68 days Tue 17/11/20 First Level 607 Mon 9/11/20 Fri 13/11/20 5 days 9/11 Removal Existing Gutters 608 Removal Existing Gutters Mon 9/11/20 Tue 10/11/20 2 davs 11/11 Remove Existing Downpipes (L1-GF) 609 Remove Existing Downpipes (L1-GF) 1 day Wed 11/11/20 Wed 11/11/20 12/11 Clean 610 Clean Thu 12/11/20 Fri 13/11/20 2 days Ground Level 611 **Ground Level** 68 days Tue 18/08/20 Tue 17/11/20 20/08 Removal of Existing Wet Area Parititions, Fittings and Fixtures 612 Removal of Existing Wet Area Parititions, Fittings and Fixtures Thu 20/08/20 Fri 28/08/20 8 days 19/08 . Removal of Existing Joinery, Fittings and Door 613 Removal of Existing Joinery, Fittings and Doors 7 days Wed 19/08/20 Wed 26/08/20 614 19/08 Removal of Existing Flooring 3.7 days Wed 19/08/20 Sat 22/08/20 Removal of Existing Flooring 19/08 Removal of Internal Walls 615 Removal of Internal Walls 3.85 days Wed 19/08/20 Sat 22/08/20 18/08 Removal of Ceiling Finishes 616 Removal of Ceiling Finishes 4.5 days Tue 18/08/20 Sat 22/08/20 Project: 20200402 Bondi Pavilion Task ..... Milestone Summary Project Summary External Milestone ♦ Critical Split Progress Date: 30/07/20

#### **Bondi Pavilion - Construction Programme - Rev 5** ID Task Name Duration Start Finish 617 Removal Existing Timber Stairs and Timber Deck Tue 18/08/20 Sat 22/08/20 5 davs 9/11 Remove Windows and Window Frames 618 Remove Windows and Window Frames 3 days Mon 9/11/20 Wed 11/11/20 9/11 Removal Paving Materials and Excavate as required 619 Removal Paving Materials and Excavate as required 8 days Mon 9/11/20 Tue 17/11/20 620 Area 4 - Western Double Storey Building Area 4 - Western Double Storey Building 13 days Wed 11/11/20 Thu 26/11/20 621 Wed 11/11/20 First Level 13 days Removal and Demolition 622 Removal and Demolition 13 days Wed 11/11/20 Thu 26/11/20 Roofing Works 623 **Roofing Works** Wed 11/11/20 Mon 23/11/20 11/11 Removal Existing Gutter 624 Removal Existing Gutters Wed 11/11/20 Thu 12/11/20 2 davs 13/11 Remove Existing Downpipes (L1-GF) 625 Remove Existing Downpipes (L1-GF) 1 day Fri 13/11/20 Fri 13/11/20 14/11 Removal Ceiling Lining 626 Removal Ceiling Lining 3 days Sat 14/11/20 Tue 17/11/20 18/11 Demolish Existing Slab 627 Demolish Existing Slab 4 days Wed 18/11/20 Mon 23/11/20 ∏ Internal Works 628 Internal Works 3 days Tue 24/11/20 Thu 26/11/20 24/11 Remove Existing Joinery/Floor tiles 629 Remove Existing Joinery/Floor tiles Thu 26/11/20 3 days Tue 24/11/20 24/11 Clean 630 Clean Tue 24/11/20 Wed 25/11/20 Ground Level 4 days Wed 18/11/20 Mon 23/11/20 631 Ground Level 18/11 Removal High Level Windows and backfilled 632 Removal High Level Windows and backfilled 4 days Wed 18/11/20 Mon 23/11/20 18/11 Removal of walls and doors 633 4 days Wed 18/11/20 Mon 23/11/20 Removal of walls and doors 18/11 Remove Required Paving Materials 634 Remove Required Paving Materials 4 days Wed 18/11/20 Mon 23/11/20 635 140 days Thu 10/09/20 Tue 13/04/21 Area 1 - Double Height Pavilion 636 Area 1 - Double Height Pavilion 16 days Fri 19/03/21 Tue 13/04/21 637 Roof Level Roof Level Fri 19/03/21 Tue 23/03/21 4 days 19/03 Demolish existing Roof and Curved Skylight 638 Demolish existing Roof and Curved Skylight 4 days Fri 19/03/21 Tue 23/03/21 639 Fri 19/03/21 Wed 31/03/21 First Level 10 days 19/03 Demolition of Slabs & Slab Toppings 640 Demolition of Slabs & Slab Toppings Fri 19/03/21 Wed 31/03/21 10 days 19/03 Demolish Existing Stairs/Stair landings/Balustrades/Masonary 641 Demolish Existing Stairs/Stair landings/Balustrades/Masonary Fri 19/03/21 Wed 24/03/21 25/03 Clean 642 Thu 25/03/21 Fri 26/03/21 Clean 2 days 643 **Ground Floor** Ground Floor 16 days Fri 19/03/21 25/03 Demolish Exterior Walls 644 Demolish Exterior Walls 2 days Thu 25/03/21 Fri 26/03/21 19/03 Demolition of Topping Slabs and Slabs 645 Demolition of Topping Slabs and Slabs 10 days Fri 19/03/21 Wed 31/03/21 12/04 Final Clean 646 Final Clean 2 days Mon 12/04/21 Tue 13/04/21 Area 2 - North Building 647 Area 2 - North Building 24 days Mon 14/09/20 Fri 16/10/20 648 **Ground Floor** 24 days Mon 14/09/20 Ground Floor Fri 16/10/20 14/09 Demolish double brick structure 649 Demolish double brick structure 12 days Mon 14/09/20 Mon 28/09/20 21/09 Demolish Half-Height Walls 650 Demolish Half-Height Walls 6 days Mon 21/09/20 Mon 28/09/20 29/09 Demolition of Topping Slabs/Existing Slabs Tue 29/09/20 Wed 14/10/20 651 Demolition of Topping Slabs/Existing Slabs 10 days 652 Demolition of Existing Slabs and Walls (Above Cellar Area) 7/10 — Demolition of Existing Slabs and Walls (Above Cellar Area 6 days Wed 7/10/20 Wed 14/10/20 15/10 Final Clean 653 Final Clean Thu 15/10/20 Fri 16/10/20 654 Area 3 - South Building 33 days Thu 8/10/20 Thu 19/11/20 Area 3 - South Building Ground Floor 655 Ground Floor 33 days Thu 8/10/20 Thu 19/11/20 6/11 Demolish Exterior Walls Demolish Exterior Walls Fri 6/11/20 Mon 9/11/20 2 days 8/10 Demolition of Topping Slabs/Existing Slabs Demolition of Topping Slabs/Existing Slabs 657 10 days Thu 8/10/20 Wed 21/10/20 18/11 Final Clean 658 2 days Wed 18/11/20 Area 4 - Western Double Storey Building Area 4 - Western Double Storey Building 659 61 days Thu 10/09/20 Tue 1/12/20 First Level 660 First Level Thu 10/09/20 Mon 14/09/20 661 Demolish Internal Walls Thu 10/09/20 Mon 14/09/20 10/09 Demolish Internal Walls 3 davs Ground Floor 662 **Ground Floor** 37 days Thu 15/10/20 Tue 1/12/20 15/10 \_\_\_ Demolish Existing Mezz Level (Incl. Ladder) 663 Demolish Existing Mezz Level (Incl. Ladder) Thu 15/10/20 Thu 22/10/20 6 davs 10/11 Demolition of Double Brick Structure 664 Demolition of Double Brick Structure 6 days Tue 10/11/20 Mon 16/11/20 10/11 Demolition of Topping Slabs 665 Demolition of Topping Slabs 10 days Tue 10/11/20 Fri 20/11/20 24/11 Demolish Existing Stairs and Landing/Slabs and Steps 666 Demolish Existing Stairs and Landing/Slabs and Steps 5 days Tue 24/11/20 Sat 28/11/20 30/11 Final Clean 667 2 days Mon 30/11/20 SP2 - Main Works 272 days Wed 11/11/20 Mon 29/11/21 668 11/11 Moblisation and Access 669 0 days Wed 11/11/20 Wed 11/11/20 11/11 ♦ Commence SP2 Stage 1 Works On-Site Commence SP2 Stage 1 Works On-Site 0 days Wed 11/11/20 Wed 11/11/20 671 Stage 1 - Main Building Works 256 days Wed 11/11/20 Tue 9/11/21 Stage 1 - Main Building Works 672 202 days Wed 11/11/20 Mon 30/08/21 Structural Works 11/11 Commence Underpinning Works 673 Commence Underpinning Works 0 days Wed 11/11/20 Wed 11/11/20 Area 1 - Main Pavilion Buildin 674 Area 1 - Main Pavilion Building 100 days Wed 11/11/20 Sat 17/04/21 Grid 5 Wall (Atrium) 675 Grid 5 Wall (Atrium) 48 days Wed 11/11/20 Fri 5/02/21 676 11/11 Backprop Walls to Remain to Support Atrium Roof Backprop Walls to Remain to Support Atrium Roof 1 day Wed 11/11/20 12/11 Demo Existing L1 Atrium Slab to Lift Core Wall 677 Demo Existing L1 Atrium Slab to Lift Core Wall 9 days Thu 12/11/20 Mon 23/11/20 678 Demo Slab for Underpinning Works 3 days Thu 12/11/20 12/11 Demo Slab for Underpinning Works 24/11 Underpin Existing Walls Each End For New Structural Steel 679 Underpin Existing Walls Each End For New Structural Steel 8 days Tue 24/11/20 Wed 2/12/20 3/12 Needling & Wall Retention + Engineers Approval 680 Needling & Wall Retention + Engineers Approval 6 days Thu 3/12/20 Sat 12/12/20 Demo Wall to Slab Level 681 Demo Wall to Slab Level 6 days Mon 14/12/20 Mon 11/01/21 12/01 Install Structural Steel & Concrete Encase 682 Install Structural Steel & Concrete Encase 6 days Tue 12/01/21 Tue 19/01/21 20/01 Excavate & Pour Pad Footings for Blockworl 683 Excavate & Pour Pad Footings for Blockwork 4 days Wed 20/01/21 Sat 23/01/21 27/01 BW1 Blockwork & Infills BW1 Blockwork & Infills 6 days Wed 27/01/21 Wed 3/02/21 Project: 20200402 Bondi Pavilion Task ..... Milestone Project Summary Critical Split Date: 30/07/20

#### **Bondi Pavilion - Construction Programme - Rev 5** ID Task Name Duration Start Finish J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M M J J J A S O N D D J F M A M M J J J A S O N D D J F M A M M J J J A S O N D D J F M A M M J J J A S O N D D J F M A S O N D D J F M A M M J J J A S O N D D J F M A S O N 685 Remove Temporary Works & Infill Pockets 2 days Thu 4/02/21 Fri 5/02/21 Grid 4 Wall (Internal Side) 686 Grid 4 Wall (Internal Side) 86 days Wed 11/11/20 Thu 25/03/21 11/11 Existing Switchroom Remove Existing Meter Panels & Reconfigure High-level Cabling 687 Existing Switchroom Remove Existing Meter Panels & Reconfigure High-level Cabling 1 day Wed 11/11/20 Wed 11/11/20 12/11 Timber Catch Deck Installed Above Existing Switchroom 688 Timber Catch Deck Installed Above Existing Switchroom Thu 12/11/20 Wed 18/11/20 19/11 Demolish Slab for Pad Footings Outside of Switchroom Thu 19/11/20 Thu 26/11/20 689 Demolish Slab for Pad Footings Outside of Switchroom 6 davs 14/12 Needling & Wall Retention for PF3 Footings Needling & Wall Retention for PF3 Footings 690 3 days Mon 14/12/20 Wed 16/12/20 17/12 Excavate & Pour PF3 Footings 691 Excavate & Pour PF3 Footings 8 days Thu 17/12/20 Mon 18/01/21 19/01 Needling Along Wall & Demo Wall to Slab Level + Engineers Approval 692 Needling Along Wall & Demo Wall to Slab Level + Engineers Approval 6 days Tue 19/01/21 Wed 27/01/21 28/01 Structural Steel Installation 4 days 693 Structural Steel Installation Thu 28/01/21 Tue 2/02/21 3/02 Concrete Encase Steel as Documented Wed 3/02/21 694 Concrete Encase Steel as Documented 3 days Fri 5/02/21 6/02 Temporary Works to Support Existing Walls/Roof Prior to L1 Slab Removal 695 Temporary Works to Support Existing Walls/Roof Prior to L1 Slab Removal 3 days Sat 6/02/21 Tue 9/02/21 19/03 Demolish Existing Level 01 Slab & Lift Shaft While Switchroom Remains Live Demolish Existing Level 01 Slab & Lift Shaft While Switchroom Remains Live 696 Fri 19/03/21 Thu 25/03/21 6 davs Grid 4 Wall (External) Proposed Demolition Sequence 697 Grid 4 Wall (External) Proposed Demolition Sequence 9 days Thu 17/12/20 Tue 19/01/21 Temporary Needling/Wall Support for PF2 Footings 17/12 698 Thu 17/12/20 Mon 11/01/21 Temporary Needling/Wall Support for PF2 Footings 3 davs 12/01 Excavate & Pour PF2 Footings 699 Excavate & Pour PF2 Footings 6 days Tue 12/01/21 Tue 19/01/21 New Lift Shaft 700 New Lift Shaft 35 days Wed 11/11/20 11/11 Temporary Works to Support Retained Wall 701 Temporary Works to Support Retained Wall 2 days Wed 11/11/20 Thu 12/11/20 702 Demo Existing Slab For New Lift Pit 2 days Fri 13/11/20 Sat 14/11/20 13/11 Demo Existing Slab For New Lift Pit 14/11 Signed off Lift Shop Drawings Confirming Pit & Shaft Size 703 Signed off Lift Shop Drawings Confirming Pit & Shaft Size 0 days Sat 14/11/20 Sat 14/11/20 704 3/12 Excavate & Underpin Existing Wall Excavate & Underpin Existing Wall 6 days Thu 3/12/20 Sat 12/12/20 14/12 Detailed Excavate 705 Detailed Excavate 2 days Mon 14/12/20 Tue 15/12/20 16/12 FRP Lift Pit Slab 706 FRP Lift Pit Slah 2 days Wed 16/12/20 Thu 17/12/20 FRP Lift Pit Walls 707 FRP Lift Pit Walls Fri 18/12/20 Wed 13/01/21 4 davs 14/01 Tank Lift Pit Walls & Back Fill 708 Tank Lift Pit Walls & Back Fill 3 days Thu 14/01/21 Mon 18/01/21 709 Corner Wall Underpinning (Grid D/4 & H/4) 31 days Wed 11/11/20 Corner Wall Underpinning (Grid D/4 & H/4) Tue 12/01/21 11/11 Install Wall Retention if Required 710 Install Wall Retention if Required 2 days Wed 11/11/20 Thu 12/11/20 711 13/11 Demo Existing Slab to Carry Out Works Demo Existing Slab to Carry Out Works 2 days Fri 13/11/20 Sat 14/11/20 14/12 Excavate & Underpin Walls 712 Excavate & Underpin Walls 1 wk Mon 14/12/20 Fri 18/12/20 713 11/01 Needle Wall & Demo New Opening (Grid H/4) Needle Wall & Demo New Opening (Grid H/4) 2 days Mon 11/01/21 Portal Frame (Grid D/6-7) Portal Frame (Grid D/6-7) 51 days Wed 11/11/20 714 Tue 9/02/21 11/11 Needle Existing Walls + Enginner Approval 715 Needle Existing Walls + Enginner Approval 4 days Wed 11/11/20 Sat 14/11/20 716 16/11 Demo Existing Walls Demo Existing Walls 3 days Mon 16/11/20 Wed 18/11/20 19/11 Demo Slab for New Pad Footings Only 717 Demo Slab for New Pad Footings Only 2 days Thu 19/11/20 Fri 20/11/20 20/01 Excavate & Pour PF2 & PF3 Pad Footings 718 Excavate & Pour PF2 & PF3 Pad Footings 6 days Wed 20/01/21 Thu 28/01/21 29/01 Install New Structural Steel 719 Install New Structural Steel 3 days Fri 29/01/21 Tue 2/02/21 720 3/02 Concrete Encase Structural Steel & Brick Infills Above Concrete Encase Structural Steel & Brick Infills Above 3 days Wed 3/02/21 6/02 Demo Remaining Slab Indicated for Removal 721 Demo Remaining Slab Indicated for Removal 3 days Sat 6/02/21 Tue 9/02/21 12 days Wed 10/02/21 Wed 24/02/21 Piled Footings Atrium & Grids D/5 & H/5 722 Piled Footings Atrium & Grids D/5 & H/5 10/02 Demo All Remaining Slab to be Removed In Pavilion 723 6 days Wed 10/02/21 Wed 17/02/21 Demo All Remaining Slab to be Removed In Pavilion 18/02 Screw Piles As Documented 724 Screw Piles As Documented 3 days Thu 18/02/21 Sat 20/02/21 22/02 Excavate & FRP PC1 & PC3 Pile Caps 725 Excavate & FRP PC1 & PC3 Pile Caps 3 days Mon 22/02/21 Wed 24/02/21 22/02 Excavate & FRP pad footing for South Stairs 726 Excavate & FRP pad footing for South Stairs 3 days Mon 22/02/21 Wed 24/02/21 Ground Floor Slab 727 **Ground Floor Slab** 35 days Thu 18/02/21 Wed 7/04/21 18/02 Excavate & Install In Ground Services 728 Excavate & Install In Ground Services 6 days Thu 18/02/21 Wed 24/02/21 22/02 FRP New Services Trench 729 FRP New Services Trench Mon 22/02/21 Mon 1/03/21 6 days 2/03 Backfill Where Required & Ground Preparation Tue 2/03/21 730 Backfill Where Required & Ground Preparation 6 days Mon 8/03/21 731 FRP Slabs On Ground As Documented S1.01 8 days Tue 9/03/21 Thu 18/03/21 9/03 FRP Slabs On Ground As Documented \$1.01 19/03 Repairs to Existing Slab On Ground (If Required) 732 Fri 19/03/21 Thu 25/03/21 Repairs to Existing Slab On Ground (If Required) 6 days 26/03 Demolish Existing Atrium Roof & Walls 733 Demolish Existing Atrium Roof & Walls Fri 26/03/21 Wed 7/04/21 Façade 734 8 days Thu 8/04/21 Sat 17/04/21 8/04 Install Brickwork/Structural Steel Lintels and Archway Repair works 8 days 735 Install Brickwork/Structural Steel Lintels and Archway Repair works Thu 8/04/21 Sat 17/04/21 736 Area 2 - North Building Tue 24/11/20 Area 2 - North Building 66 days Ground Floo **Ground Floor** 737 34 days Tue 24/11/20 Mon 1/02/21 Service Trenches Service Trenches 738 24 days Tue 24/11/20 Fri 15/01/21 24/11 Demo required slab area 739 Demo required slab area 6 days Tue 24/11/20 Mon 30/11/20 740 6 days 1/12 Excavate and Install Inground Services **Excavate and Install Inground Services** Tue 1/12/20 11/12 FRP New Services Trench 741 FRP New Services Trench 6 days Fri 11/12/20 Thu 17/12/20 Backfill Where Required & Ground Preparation 742 Backfill Where Required & Ground Preparation Fri 15/01/21 6 days Fri 18/12/20 Underpinning and Pad Footings 743 Underpinning and Pad Footings 10 days Mon 18/01/21 Mon 1/02/21 18/01 Needling & Wall Rentention (PF1 Footings) 744 Needling & Wall Rentention (PF1 Footings) Mon 18/01/21 Thu 21/01/21 22/01 Excavate and Pour PF1 footings 745 Excavate and Pour PF1 footings 6 days Fri 22/01/21 Mon 1/02/21 22/01 Excavate and Underpin Walls 746 Excavate and Underpin Walls 6 days Fri 22/01/21 Mon 1/02/21 747 First Level Tue 2/02/21 Wed 10/02/21 First Level 8 days 2/02 Install Structural Steel & Concrete Encase 748 Install Structural Steel & Concrete Encase 8 davs Tue 2/02/21 Wed 10/02/21 Façade 749 8 days Thu 4/03/21 Fri 12/03/21 4/03 Install Brickwork/Structural Steel Lintels and Archway Repair works 750 Install Brickwork/Structural Steel Lintels and Archway Repair works Thu 4/03/21 Fri 12/03/21 8 days Area 3 - South Building 751 Area 3 - South Building Tue 1/12/20 Wed 3/03/21 Ground Floor 752 **Ground Floor** Tue 1/12/20 34 days Mon 8/02/21 753 Tue 1/12/20 Sat 23/01/21 Service Trenches Service Trenches 24 days Project: 20200402 Bondi Pavilion | Task ..... Milestone Progress Project Summary Critical Split Summary Date: 30/07/20

#### **Bondi Pavilion - Construction Programme - Rev 5** ID Task Name Duration Start Finish 754 Tue 1/12/20 Thu 10/12/20 Demo required slab area 6 days 11/12 Excavate and Install Inground Services 755 Excavate and Install Inground Services 6 days Fri 11/12/20 Thu 17/12/20 18/12 FRP New Services Trench 756 FRP New Services Trench 6 days Fri 18/12/20 Fri 15/01/21 757 18/01 Backfill Where Required & Ground Preparation Backfill Where Required & Ground Preparation Sat 23/01/21 6 days Mon 18/01/21 Underpinning and Pad Footings 758 Underpinning and Pad Footings 10 days Wed 27/01/21 27/01 Needling & Wall Rentention (PF1 Footings) 759 Needling & Wall Rentention (PF1 Footings) 4 days Wed 27/01/21 Mon 1/02/21 2/02 Excavate and Pour PF1 footings 760 Excavate and Pour PF1 footings Tue 2/02/21 Mon 8/02/21 6 days 2/02 Excavate and Underpin Walls 761 Excavate and Underpin Walls Tue 2/02/21 Mon 8/02/21 First Level 762 First Level 8 days Thu 11/02/21 Sat 20/02/21 11/02 Install Structural Steel & Concrete Encase 763 Install Structural Steel & Concrete Encase 8 davs Thu 11/02/21 Sat 20/02/21 Façade 8 days Mon 22/02/21 764 Wed 3/03/21 765 Install Brickwork/Structural Steel Lintels and Archway Repair works 8 days Mon 22/02/21 Wed 3/03/21 22/02 Install Brickwork/Structural Steel Lintels and Archway Repair works Area 4 - Gatehouse Building 766 rea 4 - Gatehouse Building 8 days Mon 22/02/21 767 First Level 8 days Mon 22/02/21 22/02 Install Structural Steel & Concrete Encase 768 Install Structural Steel & Concrete Encase Mon 22/02/21 Wed 3/03/21 8 days Area 1 - Main Pavilion Building 769 Area 1 - Main Pavilion Building Fri 15/01/21 Mon 30/08/21 770 Fri 15/01/21 **Ground Level** 92 days Thu 20/05/21 Switchroom Slal 92 days 771 Switchroom Slab Fri 15/01/21 Thu 20/05/21 772 Fri 15/01/21 Fri 15/01/21 15/01 ♦ Level 3 Design Approved 0 days Energisation from Level 3 design Approval 773 Energisation from Level 3 design Approval 60 days Fri 15/01/21 Thu 8/04/21 774 Switchroom Remains Live Until Changeover Switchroom Remains Live Until Changeover 60 days Fri 15/01/21 Thu 8/04/21 9/04 Needling Along Wall & Demo External Wall & Switchroom to Slab Level 775 Needling Along Wall & Demo External Wall & Switchroom to Slab Level 5 davs Fri 9/04/21 Thu 15/04/21 776 Fri 16/04/21 16/04 Uncomplete Pad Footings Poured in Switchroom Area Uncomplete Pad Footings Poured in Switchroom Area 5 days Wed 21/04/21 22/04 Structural Steel B5 Beams & Columns Installation 777 Structural Steel B5 Beams & Columns Installation Thu 22/04/21 Wed 28/04/21 4 days 29/04 Concrete Encase Steel & Brick Infills above 778 Concrete Encase Steel & Brick Infills above Thu 29/04/21 3 days 779 3/05 Excavate & Pour Strip Footings for Blockwork Walls Excavate & Pour Strip Footings for Blockwork Walls Mon 3/05/21 Fri 7/05/21 5 days 10/05 Blockwork Walls as Documented 780 Blockwork Walls as Documented 6 days Mon 10/05/21 Sat 15/05/21 17/05 Complete Slab on Grd at Existing Switchroom Complete Slab on Grd at Existing Switchroom 4 days Mon 17/05/21 Thu 20/05/21 Lift Core 782 Lift Core 28 days Thu 11/02/21 Thu 18/03/21 11/02 FRP Lift Walls (GF to L1) 783 FRP Lift Walls (GF to L1) 3 days Thu 11/02/21 16/02 FRP Lift Walls (L1 to Roof) 784 FRP Lift Walls (L1 to Roof) 3 days Tue 16/02/21 Thu 18/02/21 19/02 FRP Lift Lid 785 FRP Lift Lid 4 days Fri 19/02/21 Tue 23/02/21 24/02 Lift Lid Cure 786 Lift Lid Cure 21 days Wed 24/02/21 Tue 16/03/21 17/03 Strip Lift Core 787 Strip Lift Core 2 days Wed 17/03/21 Thu 18/03/21 788 Thu 8/04/21 Wed 16/06/21 First Level 52 days Slabs 789 Thu 8/04/21 25 days Tue 11/05/21 8/04 Install precast atrium balustrade 790 Install precast atrium balustrades 2 days Thu 8/04/21 Fri 9/04/21 8/04 FRP PT Slab 791 FRP PT Slah 10 days Thu 8/04/21 Tue 20/04/21 Initial Stress Wed 21/04/21 Wed 21/04/21 21/04 Initial Stress 1 day 22/04 FRP Slab FRP Slah 793 6 days Thu 22/04/21 Fri 30/04/21 29/04 Final Stress 794 Final Stress 1 day Thu 29/04/21 30/04 Cure and Strip 100% to underslab of L1 795 Cure and Strip 100% to underslab of L1 Tue 11/05/21 9 days Fri 30/04/21 Sat 1/05/21 Columns 796 Fri 7/05/21 1/05 Masonary Wall Stiffener Works 797 Masonary Wall Stiffener Works Sat 1/05/21 Wed 5/05/21 4 days 4/05 Install Structural Steel Columns 798 Install Structural Steel Columns 4 days Tue 4/05/21 Fri 7/05/21 Awning Slab Fri 21/05/21 799 Awning Slab 19 days Wed 16/06/21 21/05 FRP Awning Slab 800 FRP Awning Slab 10 days Fri 21/05/21 Wed 2/06/21 801 Strip 100% underslab of Awning Slabs 2 days Sat 12/06/21 12/06 Strip 100% underslab of Awning Slabs Stairs Wed 12/05/21 Wed 26/05/21 802 Stairs 12 davs 803 Wed 12/05/21 12/05 Install Precast Beams (handrails) Install Precast Beams (handrails) 4 days Sat 15/05/21 17/05 FRP Stairs - West 804 Mon 17/05/21 Wed 26/05/21 FRP Stairs - West 8 days 805 Sat 1/05/21 Roof Level Roof Level 93 days Mon 30/08/21 806 Sat 1/05/21 Sat 15/05/21 Strengthening Works 12 davs 1/05 Strengthening Works to Existing Roof Trusses 807 Strengthening Works to Existing Roof Trusses Sat 1/05/21 Sat 15/05/21 12 days 808 New Roof Works 85 days Wed 12/05/21 Mon 30/08/21 12/05 Erect Scaffold (Skillion Construction) 809 Erect Scaffold (Skillion Construction) 3 days Wed 12/05/21 Fri 14/05/21 15/05 Install Precast Columns 810 Install Precast Columns 6 days Sat 15/05/21 Fri 21/05/21 Southern Section 811 Southern Section 24 days Sat 15/05/21 Wed 16/06/21 15/05 Install Truss T1 812 Install Truss T1 8 days Sat 15/05/21 26/05 Install Structural Steel Beams 813 Install Structural Steel Beams 8 davs Wed 26/05/21 Thu 3/06/21 4/06 Install Rafters, Truss and Timber Bearers 814 Install Rafters, Truss and Timber Bearers 8 days Fri 4/06/21 Wed 16/06/21 Northern Section 815 Fri 4/06/21 Northern Section Sat 26/06/21 16 days Install Structural Steel Beams 4/06 Install Structural Steel Beams 816 Fri 4/06/21 8 days Wed 16/06/21 817 Thu 17/06/21 17/06 Install Rafters, Truss and Timber Bearers Install Rafters, Truss and Timber Bearers Sat 26/06/21 8 days Roofing Works 818 Roofing Works 58 days Thu 17/06/21 Mon 30/08/21 17/06 Lay Terracotta Tiles - Southern 819 6 days Thu 17/06/21 Thu 24/06/21 Lay Terracotta Tiles - Southern 25/06 Install Southern Copper Metal Roof 820 Install Southern Copper Metal Roof 10 days Fri 25/06/21 Wed 7/07/21 8/07 Lay Terracotta Tiles - Northern 821 Lay Terracotta Tiles - Northern Thu 8/07/21 Wed 14/07/21 6 days 10 days Thu 15/07/21 Tue 27/07/21 15/07 Install Northern Copper Metal Roof Install Northern Copper Metal Roof 822 Install Glass Skylight Tue 10/08/21 Sat 21/08/21 10/08 Install Glass Skylight 823 10 days Project: 20200402 Bondi Pavilion Task ..... Milestone Progress Project Summary Critical Split Date: 30/07/20

#### **Bondi Pavilion - Construction Programme - Rev 5** ID Task Name Duration Start Finish 824 Install Solar Panels Mon 23/08/21 Mon 30/08/21 6 davs Precast Beams 825 Precast Beams 10 days Wed 28/07/21 Mon 9/08/21 28/07 Install Precast Beams 826 Install Precast Beams 10 days Wed 28/07/21 Mon 9/08/21 827 Area 2 - North Building Area 2 - North Building 89 days Wed 9/12/20 Fri 30/04/21 828 Ground Level **Ground Level** 50 days Wed 9/12/20 ☐ Underpinning Effected Area - Slab 829 Underpinning Effected Area - Slabs 3 days Mon 18/01/21 Wed 20/01/21 18/01 FRP Slab on ground 830 FRP Slab on ground Mon 18/01/21 Wed 20/01/21 ☐ Underpinning Effected Area - Strip Footing 831 Underpinning Effected Area - Strip Footing Thu 21/01/21 Sat 23/01/21 3 days 21/01 FRP Ramp 832 FRP Ramp 3 days Thu 21/01/21 Sat 23/01/21 Substructure 833 Substructure 5 davs Thu 21/01/21 Thu 28/01/21 21/01 FRP Topping Slabs 834 FRP Topping Slabs 5 days Thu 21/01/21 Thu 28/01/21 Garbage Compactor Rails 835 **Garbage Compactor Rails** 4 days Wed 9/12/20 Sat 12/12/20 9/12 Install Garbage Compator Rails 836 Install Garbage Compator Rails 4 days Wed 9/12/20 Sat 12/12/20 Columns 837 8 days Wed 24/02/21 Fri 5/03/21 24/02 Install Precast Columns 838 Install Precast Columns Wed 24/02/21 Mon 1/03/21 4 days 2/03 Install Structural Steel Columns 839 Install Structural Steel Columns 4 days Tue 2/03/21 Fri 5/03/21 840 Thu 21/01/21 Fri 30/04/21 First Level 72 days Waste Room 841 Waste Room 5 days Thu 21/01/21 Thu 28/01/21 842 Erect structural Steel Beams Over Waste Room Thu 21/01/21 Thu 28/01/21 21/01 Erect structural Steel Beams Over Waste Room 5 days Roof Framing Works 843 **Roof Framing Works** 14 days Sat 6/03/21 Tue 23/03/21 6/03 Install Structural Steel Beams Install Structural Steel Beams 8 days Sat 6/03/21 Tue 16/03/21 15/03 Install Timber Bearers 845 Install Timber Bearers 8 davs Mon 15/03/21 Tue 23/03/21 846 Wed 24/03/21 Tue 20/04/21 Awning Slabs Awning Slabs 18 days 24/03 FRP Slab 1 847 FRP Slab 1 4 days Wed 24/03/21 Mon 29/03/21 25/03 FRP Slab 2 4 days 848 FRP Slab 2 Thu 25/03/21 Tue 30/03/21 849 FRP Slab 3 26/03 FRP Slab 3 Fri 26/03/21 Wed 31/03/21 4 days 29/03 FRP Slab 4 850 FRP Slab 4 4 days Mon 29/03/21 Thu 1/04/21 30/03 FRP Slab 5 851 FRP Slab 5 Tue 30/03/21 Wed 7/04/21 4 days 31/03 FRP Slab 6 852 FRP Slab 6 4 days Wed 31/03/21 Thu 8/04/21 853 19/04 Strip 100% to underslab of L1 Awning Slabs Strip 100% to underslab of L1 Awning Slabs 2 days Mon 19/04/21 Tue 20/04/21 Roof Tiles 854 Roof Tiles 16 days Fri 9/04/21 Fri 30/04/21 9/04 Remove Existing Concrete Roof Tiles 855 Remove Existing Concrete Roof Tiles 8 days Fri 9/04/21 20/04 Lay New Terracotta Roof Riles Lay New Terracotta Roof Riles Tue 20/04/21 856 8 days Fri 30/04/21 857 Area 3 - South Building 54 days Mon 29/03/21 Thu 10/06/21 Area 3 - South Building 858 15 days Mon 29/03/21 Tue 20/04/21 Ground Level **∏** Slabs 859 Mon 29/03/21 Wed 31/03/21 29/03 FRP Topping Slabs 860 FRP Topping Slabs Mon 29/03/21 Wed 31/03/21 3 days Structural SOG Repair Works 861 Structural SOG Repair Works 5 days Thu 1/04/21 Mon 12/04/21 Repair SOG (if required) Thu 1/04/21 Mon 12/04/21 1/04 Repair SOG (if required) 5 days Columns 863 Columns 6 days Thu 1/04/21 Tue 13/04/21 864 Install Precast Columns 4 days Thu 1/04/21 1/04 Install Precast Columns 8/04 Install Structural Steel Columns 865 Tue 13/04/21 Install Structural Steel Columns 4 days Thu 8/04/21 Underpinning Effected Areas 866 **Underpinning Effected Areas** Wed 14/04/21 Tue 20/04/21 14/04 FRP Acoustic Overlay Slab 867 FRP Acoustic Overlay Slab Wed 14/04/21 Fri 16/04/21 3 days 17/04 **FRP** Ramp 868 FRP Ramp 3 days Sat 17/04/21 Tue 20/04/21 869 First Level Fri 9/04/21 48 days Thu 10/06/21 ☐ Slabs 870 Slabs 3 days Fri 9/04/21 Tue 13/04/21 871 3 days Fri 9/04/21 Tue 13/04/21 9/04 FRP Slab Framing Works 872 Framing Works 14 davs Wed 21/04/21 Mon 10/05/21 873 Install Structural Steel Beams Wed 21/04/21 21/04 Install Structural Steel Beams 8 days Sat 1/05/21 30/04 Install Timber Bearers 874 Install Timber Bearers 8 days Fri 30/04/21 Mon 10/05/21 875 Awning Slabs Awning Slabs 18 days Tue 11/05/21 Tue 1/06/21 11/05 FRP Slab 1 FRP Slab 1 Tue 11/05/21 Fri 14/05/21 876 4 davs 12/05 FRP Slab 2 877 FRP Slab 2 4 days Wed 12/05/21 Sat 15/05/21 13/05 FRP Slab 3 878 FRP Slab 3 4 days Thu 13/05/21 Mon 17/05/21 14/05 FRP Slab 4 879 FRP Slab 4 4 days Fri 14/05/21 Tue 18/05/21 15/05 FRP Slab 5 880 FRP Slab 5 4 days Sat 15/05/21 Wed 19/05/21 17/05 FRP Slab 6 881 FRP Slab 6 4 days Mon 17/05/21 Thu 20/05/21 882 Strip 100% to underslab of L1 Awning Slabs 31/05 Strip 100% to underslab of L1 Awning Slabs 2 days Mon 31/05/21 Plant Room Slab 883 13 days Thu 13/05/21 Fri 28/05/21 Plant Room Slab 13/05 FRP Plant Room Slab 884 FRP Plant Room Slab Thu 13/05/21 Mon 17/05/21 4 days 27/05 Strip 100% to underslab of L1 Plant Room Slab 885 Strip 100% to underslab of L1 Plant Room Slab 2 days Thu 27/05/21 Fri 28/05/21 Roof Tiles 886 Roof Tiles Fri 21/05/21 Thu 10/06/21 16 days 887 Remove Existing Concrete Roof Tiles Fri 21/05/21 Mon 31/05/21 21/05 Remove Existing Concrete Roof Tiles 8 days 1/06 Lav New Terracotta Roof Riles 888 Lay New Terracotta Roof Riles 8 days Tue 1/06/21 Thu 10/06/21 Area 4 - Gatehouse Buildin 889 Area 4 - Gatehouse Building 17 days Wed 27/01/21 Wed 17/02/21 Ground Level 890 **Ground Level** 17 days Wed 27/01/21 Wed 17/02/21 Slabs 12 days Wed 27/01/21 Wed 10/02/21 4 days Wed 27/01/21 Mon 1/02/21 27/01 Inground Services/Services Trenching Inground Services/Services Trenching 892 FRP SOG/FRP Strip Footings 893 Tue 2/02/21 Sat 6/02/21 2/02 FRP SOG/FRP Strip Footings 5 days Project: 20200402 Bondi Pavilion Task ..... Milestone Summary Project Summary Critical Split Date: 30/07/20

#### **Bondi Pavilion - Construction Programme - Rev 5** ID Task Name Duration Start Finish J J A S O N D J F M A M J J A S O N D J F F P Topping Slabs 894 FRP Topping Slabs Mon 8/02/21 Wed 10/02/21 3 davs Stairs 895 Stairs 5 days Thu 11/02/21 Wed 17/02/21 11/02 FRP Stairs to Court Yard Building (Incl. base slab) FRP Stairs to Court Yard Building (Incl. base slab) 5 days Thu 11/02/21 Wed 17/02/21 897 72 days Wed 21/04/21 Sat 24/07/21 Façade and External Works Facade and External Works Area 1 - Main Pavilion Building 898 Area 1 - Main Pavilion Building Thu 3/06/21 Wed 21/07/21 36 days Ground Level Thu 3/06/21 Sat 10/07/21 899 Ground Level 28 days 3/06 Frame Windows 900 Frame Windows Thu 3/06/21 Sat 12/06/21 9/06 Install Glazing 901 Install Glazing Wed 9/06/21 Mon 21/06/21 8 davs 22/06 Masonary Structural Repair 902 Masonary Structural Renair 8 days Tue 22/06/21 Wed 30/06/21 1/07 Repair Existing Render 903 Repair Existing Render 8 davs Thu 1/07/21 Sat 10/07/21 First Level 28 days Wed 16/06/21 Wed 21/07/21 904 First Level 16/06 Frame Windows 905 Frame Windows 8 days Wed 16/06/21 Fri 25/06/21 22/06 Install Glazing 906 Install Glazing Tue 22/06/21 Wed 30/06/21 8 days 1/07 Masonary Structural Repair 907 Masonary Structural Repair Thu 1/07/21 Sat 10/07/21 12/07 Repair Existing Render 908 Repair Existing Render 8 days Mon 12/07/21 Wed 21/07/21 Area 2 - North Building 909 Area 2 - North Building 32 days Wed 21/04/21 Tue 1/06/21 Ground Level 910 Ground Level 32 days Wed 21/04/21 Tue 1/06/21 18/05 Frame Windows 911 Frame Windows 8 days Tue 18/05/21 Thu 27/05/21 912 Install Glazing 8 days Mon 24/05/21 Tue 1/06/21 24/05 Install Glazing 21/04 Masonary Structural Repair 913 Masonary Structural Repair 8 days Wed 21/04/21 Sat 1/05/21 3/05 Repair Existing Render 914 Repair Existing Render 8 days Mon 3/05/21 Wed 12/05/21 Area 3 - South Building 915 Area 3 - South Building 28 days Fri 28/05/21 Mon 5/07/21 Ground Level 916 **Ground Level** Fri 28/05/21 28 days Mon 5/07/21 28/05 Frame Windows 917 Frame Windows Fri 28/05/21 Mon 7/06/21 8 days 2/06 Install Glazing 918 Install Glazing Wed 2/06/21 Fri 11/06/21 919 Sat 12/06/21 12/06 Masonary Structural Repair Masonary Structural Repair Thu 24/06/21 8 days 25/06 Repair Existing Render 920 Repair Existing Render 8 days Fri 25/06/21 Mon 5/07/21 Area 4 - Gatehouse Building 921 Area 4 - Gatehouse Building 39 days Thu 3/06/21 Sat 24/07/21 Ground Level 922 **Ground Level** 26 days Thu 3/06/21 Thu 8/07/21 923 3/06 Frame Windows Frame Windows 5 days Thu 3/06/21 Wed 9/06/21 12/06 Install Glazing 924 Install Glazing 5 davs Sat 12/06/21 Mon 21/06/21 25/06 Masonary Structural Repair Fri 25/06/21 925 Masonary Structural Repair 8 days Mon 5/07/21 29/06 Repair Existing Render Repair Existing Render Tue 29/06/21 Thu 8/07/21 926 8 days 927 First Level 34 days Thu 10/06/21 Sat 24/07/21 First Level 10/06 Frame Windows 928 Frame Windows Thu 10/06/21 Thu 17/06/21 5 days 29/06 Install Glazing 929 Install Glazing Tue 29/06/21 Mon 5/07/21 12/07 Masonary Structural Repair 930 Mon 12/07/21 Wed 21/07/21 Masonary Structural Repair 8 days 15/07 Repair Existing Render 931 Repair Existing Render 8 days Thu 15/07/21 Sat 24/07/21 Wed 3/03/21 Mon 18/10/21 932 172 days Internal Fitout 138 days Tue 20/04/21 Mon 18/10/21 Area 1 - Main Pavilion Buildin Area 1 - Main Pavilion Building 933 Lift Fitout 934 65 days Tue 20/04/21 Wed 14/07/21 Install Rails, Motor Equipment, Lift Car and Fitout 935 Tue 20/04/21 Thu 8/07/21 Install Rails Motor Equipment, Lift Car and Fitout 60 days 9/07 Lift - Test and Commission 936 Lift - Test and Commission Fri 9/07/21 Wed 14/07/21 14/07 ♦ Lift Complete 937 0 days Wed 14/07/21 Wed 14/07/21 Lift Complete 938 **Ground Level** 88 days Wed 12/05/21 Thu 2/09/21 Ground Level 12/05 Set and Survey 939 1 day Wed 12/05/21 Wed 12/05/21 Set and Survey 13/05 Construct Brickwork/Blockwork Walls 940 Construct Brickwork/Blockwork Walls 6 days Thu 13/05/21 Wed 19/05/21 20/05 HL Services Rough-in 941 HL Services Rough-in 12 days Thu 20/05/21 Thu 3/06/21 4/06 Partition Framing Fri 4/06/21 Fri 11/06/21 942 Partition Framing 6 davs 943 Sat 12/06/21 12/06 Wall Services Rough-ins Wall Services Rough-ins 6 days Tue 22/06/21 23/06 Sheet Walls 6 days Wed 23/06/21 944 Tue 29/06/21 Sheet Walls 30/06 Frame Ceilings 945 4 days Wed 30/06/21 Frame Ceilings Mon 5/07/21 6/07 Sheet Ceilings 946 4 days Tue 6/07/21 Fri 9/07/21 Sheet Ceilings 10/07 Set and Sand Walls and Ceilings 947 Set and Sand Walls and Ceilings 3 days Sat 10/07/21 Tue 13/07/21 14/07 Render Walls 948 Render Walls 3 days Wed 14/07/21 Fri 16/07/21 Wet Areas 949 Wet Areas 32 days Mon 19/07/21 Thu 26/08/21 19/07 Screed & Waterproof Screed & Waterproof 6 days Mon 19/07/21 Sat 24/07/21 26/07 Flood Test 951 Flood Test 2 days Mon 26/07/21 Tue 27/07/21 28/07 Wall Tiling 952 Wall Tiling 5 days Wed 28/07/21 4/08 Floor Tiling 953 5 days Wed 4/08/21 Mon 9/08/21 Floor Tiling 3 days Tue 10/08/21 10/08 Initial Paint 954 Initial Paint Thu 12/08/21 13/08 Install Fixtures, Fittings and Mirrors 955 8 days Fri 13/08/21 Mon 23/08/21 Install Fixtures, Fittings and Mirrors 24/08 Final Paint 956 Final Paint 3 days Tue 24/08/21 957 37 days Mon 19/07/21 Thu 2/09/21 Dry Trades and Finishes 19/07 Initial Paint 958 Initial Paint 3 days Mon 19/07/21 Wed 21/07/21 22/07 Install Fixed Joinery 959 Install Fixed Joinery 8 days Thu 22/07/21 Fri 30/07/21 2/08 Install Doors 960 Install Doors 3 days Mon 2/08/21 Wed 4/08/21 5/08 Services Fitoff Services Fitoff Thu 5/08/21 Fri 13/08/21 8 days Floor Finishes (Incl. Stair Finishes) 16/08 Floor Finishes (Incl. Stair Finishes) 10 days Mon 16/08/21 Thu 26/08/21 962 3 days Fri 27/08/21 Tue 31/08/21 27/08 Final Paint Project: 20200402 Bondi Pavilion Task ..... Milestone Progress Project Summary Date: 30/07/20

#### **Bondi Pavilion - Construction Programme - Rev 5** ID Task Name Duration Start Finish J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M D J F M A M D J F M D J F M A M D J F M A M D J F M D Initial Clean Wed 1/09/21 Thu 2/09/21 2 davs 965 First Level 121 days Thu 13/05/21 Mon 18/10/21 13/05 Set and Survey 966 Set and Survey 1 day Thu 13/05/21 20/05 Construct Brickwork/Blockwork Walls 967 Thu 27/05/21 Construct Brickwork/Blockwork Walls Thu 20/05/21 6 days 968 12 days Mon 31/05/21 31/05 HL Services Rough-in HL Services Rough-in 17/06 Partition Framing 969 Partition Framing 6 days Thu 17/06/21 Thu 24/06/21 25/06 Wall Services Rough-ins 970 Wall Services Rough-ins Fri 25/06/21 Thu 1/07/21 2/07 Sheet Walls 971 6 days Fri 2/07/21 Fri 9/07/21 Sheet Walls 10/07 Frame Ceilings 972 Frame Ceilings 4 days Sat 10/07/21 Wed 14/07/21 15/07 Sheet Ceilings 973 Sheet Ceilings 4 days Thu 15/07/21 Tue 20/07/21 21/07 Set and Sand Walls and Ceilings 974 Set and Sand Walls and Ceilings 3 days Wed 21/07/21 Fri 23/07/21 975 Render Walls 3 days Sat 24/07/21 Tue 27/07/21 24/07 Render Walls 976 Wet Areas 36 days Wed 28/07/21 Fri 10/09/21 28/07 Screed & Waterproof 977 Screed & Waterproof Wed 28/07/21 Wed 4/08/21 6 days 5/08 Flood Test 978 Flood Test 2 days Thu 5/08/21 Fri 6/08/21 7/08 Wall Tiling 979 Wall Tiling Sat 7/08/21 Fri 13/08/21 6 days 16/08 Floor Tiling 980 Floor Tiling 6 days Mon 16/08/21 Sat 21/08/21 23/08 Initial Paint 981 Initial Paint 3 days Mon 23/08/21 Wed 25/08/21 982 Install Fixtures, Fittings and Mirrors 10 days Thu 26/08/21 Tue 7/09/21 26/08 Install Fixtures, Fittings and Mirror 8/09 Final Paint 983 Final Paint 3 days Wed 8/09/21 Fri 10/09/21 Balcony & Stairs Balcony & Stairs 24 days Thu 5/08/21 Fri 3/09/21 5/08 Screed & Waterproof 985 Screed & Waterproof 6 days Thu 5/08/21 Wed 11/08/21 12/08 Floodtest 986 Floodtest 2 days Thu 12/08/21 Fri 13/08/21 16/08 Floor Tiling 987 Floor Tiling Mon 16/08/21 Sat 21/08/21 6 days 23/08 Install Balustrade 988 Install Balustrade 10 days Mon 23/08/21 989 23/08 Stair Finishes Stair Finishes 10 days Mon 23/08/21 Fri 3/09/21 Bar 990 30 days Mon 2/08/21 Tue 7/09/21 Bar fitout 30 days Mon 2/08/21 Tue 7/09/21 992 Theatre 95 days Thu 17/06/21 Mon 18/10/21 993 17/06 Partition Framing Partition Framing 6 days Thu 17/06/21 Thu 24/06/21 25/06 Wall Services Rough-ins 994 Wall Services Rough-ins 6 days Fri 25/06/21 Thu 1/07/21 2/07 Sheet Walls Sheet Walls 4 days Fri 2/07/21 Wed 7/07/21 8/07 Set and Sand Walls 996 Thu 8/07/21 Mon 12/07/21 Set and Sand Walls 4 days 13/07 Render Walls/Initial Paint 997 Render Walls/Initial Paint 4 days Tue 13/07/21 Fri 16/07/21 19/07 Install Acoustic Plywood Ceiling 998 Mon 19/07/21 Mon 2/08/21 Install Acoustic Plywood Ceiling 12 days 3/08 Construct Stage 999 Construct Stage 12 days Tue 3/08/21 Tue 17/08/21 18/08 Lay Carpet 1000 Wed 18/08/21 4 days Sat 21/08/21 Lay Carpet 20/08 Install Seating 1001 Install Seating 12 days Fri 20/08/21 Fri 3/09/21 31/08 Install Balustrades 1002 Install Balustrades 4 days Tue 31/08/21 Fri 3/09/21 2/09 Floor Finishes 1003 Thu 2/09/21 Floor Finishes 3 days Sat 4/09/21 6/09 Install Fixed Joiner 1004 8 days Mon 6/09/21 14/09 Install Doors 1005 Tue 14/09/21 Wed 15/09/21 Install Doors 2 davs 16/09 1006 Fitoff Theatre Equipment 24 days Thu 16/09/21 Fitoff Theatre Equipment 1007 Mon 19/07/21 28 days Sat 21/08/21 Wet Areas 19/07 Screed & Waterproof 1008 Screed & Waterproof 6 days Mon 19/07/21 Sat 24/07/21 26/07 Flood Test 1009 Mon 26/07/21 Tue 27/07/21 Flood Test 2 days 28/07 Wall Tiling 1010 Wall Tiling 4 days Wed 28/07/21 Mon 2/08/21 Floor Tiling 1011 4 days Tue 3/08/21 3/08 Floor Tiling 7/08 Initial Paint 1012 Initial Paint Sat 7/08/21 Tue 10/08/21 3 davs 11/08 Install Fixtures, Fittings and Mirrors 1013 Wed 11/08/21 Install Fixtures, Fittings and Mirrors 6 days 19/08 Final Paint 1014 3 days Thu 19/08/21 Final Paint Sat 21/08/21 Dry Trades and Finishes Dry Trades and Finishes 1015 Wed 28/07/21 41 days Fri 17/09/21 28/07 Initial Paint 1016 Initial Paint 3 days Wed 28/07/21 Fri 30/07/21 2/08 Install Fixed Joinery 1017 Install Fixed Joinery 8 days Mon 2/08/21 Tue 10/08/21 11/08 Install Doors 1018 Install Doors 3 days Wed 11/08/21 Fri 13/08/21 16/08 Services Fitoff 1019 Services Fitoff 8 days Mon 16/08/21 Tue 24/08/21 25/08 Floor Finishes (Incl. Stair Finishes) 1020 Floor Finishes (Incl. Stair Finishes) 10 days Wed 25/08/21 Mon 6/09/21 1/09 Install Handrails 1021 Install Handrails 5 days Wed 1/09/21 Mon 6/09/21 8/09 Final Paint 1022 Final Paint 3 days Wed 8/09/21 Fri 10/09/21 16/09 Initial Clean 1023 Fri 17/09/21 Initial Clean 2 davs Thu 16/09/21 Area 2 - North Building 1024 Area 2 - North Building Fri 7/05/21 86 days Ground Level 1025 86 days Fri 7/05/21 Thu 26/08/21 Ground Level 7/05 Set and Survey 1026 Fri 7/05/21 Fri 7/05/21 Set and Survey 1 day 1027 10/05 Construct Brickwork/Blockwork Walls Construct Brickwork/Blockwork Walls Mon 10/05/21 Sat 15/05/21 6 days 17/05 HL Services Rough-in 1028 HL Services Rough-in 10 days Mon 17/05/21 Fri 28/05/21 29/05 Partition Framing 1029 Partition Framing 6 days Sat 29/05/21 Fri 4/06/21 7/06 Wall Services Rough-ins 1030 Wall Services Rough-ins 6 days Mon 7/06/21 Sat 12/06/21 1031 16/06 Sheet Walls Sheet Walls Wed 16/06/21 Wed 23/06/21 6 days 24/06 Frame Ceilings Frame Ceilings Thu 24/06/21 Mon 28/06/21 1032 4 davs 1033 Tue 29/06/21 Fri 2/07/21 29/06 Sheet Ceilings 4 days Project: 20200402 Bondi Pavilion Task Project Summary Critical Split Progress Date: 30/07/20

#### **Bondi Pavilion - Construction Programme - Rev 5** ID Task Name Duration Start Finish 1034 Set and Sand Walls and Ceilings Mon 5/07/21 Wed 7/07/21 3 davs 8/07 Render Walls 1035 Render Walls 3 days Thu 8/07/21 Sat 10/07/21 1036 Wet Areas Wet Areas 32 days Mon 12/07/21 12/07 Screed & Waterproof 1037 Mon 19/07/21 Screed & Waterproof 6 days Mon 12/07/21 20/07 Flood Test 1038 Flood Test 2 days Tue 20/07/21 22/07 Wall Tiling 1039 Wall Tiling 5 days Thu 22/07/21 Tue 27/07/21 28/07 Floor Tiling 1040 Floor Tiling Wed 28/07/21 Tue 3/08/21 4/08 Initial Paint 1041 Initial Paint Wed 4/08/21 Fri 6/08/21 3 days 7/08 Install Fixtures, Fittings and Mirrors 1042 Install Fixtures, Fittings and Mirrors 8 days Sat 7/08/21 Tue 17/08/21 18/08 Final Paint 1043 Final Paint 3 davs Wed 18/08/21 Fri 20/08/21 Plant Room - MSB 1044 Plant Room - MSB 65 days Sat 29/05/21 Sat 21/08/21 Builders Works 1045 **Builders Works** 15 days Sat 29/05/21 Fri 18/06/21 Switchroom Room Fitout 1046 Mon 21/06/21 Mon 9/08/21 Switchroom Room Fitout 40 days 10/08 Initial Testing and Com 1047 Initial Testing and Commissioning Tue 10/08/21 Sat 21/08/21 10 days Dry Trades and Finishes 1048 **Dry Trades and Finishes** 37 days Mon 12/07/21 Thu 26/08/21 12/07 Initial Paint 1049 Initial Paint 3 days Mon 12/07/21 Wed 14/07/21 15/07 Install Fixed Joinery 1050 Install Fixed Joinery Thu 15/07/21 8 days Sat 24/07/21 26/07 Install Doors 1051 Install Doors 3 days Mon 26/07/21 Wed 28/07/21 1052 Services Fitoff 8 days Thu 29/07/21 Sat 7/08/21 29/07 Services Fitoff 9/08 Floor Finishes (Incl. Stair Finishes) 1053 Floor Finishes (Incl. Stair Finishes) 10 days Mon 9/08/21 Fri 20/08/21 1054 21/08 Final Paint Final Paint 3 days Sat 21/08/21 Tue 24/08/21 1055 Initial Clean 2 davs Wed 25/08/21 Thu 26/08/21 1056 Tue 11/05/21 First Level 46 days Fri 9/07/21 1057 Mechanical Plant Equipment Mechanical Plant Equipment 46 days Tue 11/05/21 Fri 9/07/21 Installation of Mechanical Plant Equipment 11/05 1058 Installation of Mechanical Plant Equipment 40 days Tue 11/05/21 Thu 1/07/21 1059 2/07 Initial Testing and Commissioning Initial Testing and Commissioning Fri 2/07/21 Fri 9/07/21 6 days Area 3 - South Building 1060 Area 3 - South Building 117 days Tue 18/05/21 Mon 18/10/21 1061 Ground Level **Ground Level** Fri 18/06/21 Mon 18/10/21 94 days 18/06 Set and Survey 1062 Set and Survey 1 dav Fri 18/06/21 Fri 18/06/21 21/06 Construct Brickwork/Blockwork Walls 1063 Mon 21/06/21 Construct Brickwork/Blockwork Walls 6 days 28/06 HL Services Rough-in 1064 HL Services Rough-in 10 days Mon 28/06/21 Fri 9/07/21 10/07 Partition Framing 1065 Partition Framing 6 days Sat 10/07/21 19/07 Wall Services Rough-ins Mon 19/07/21 1066 Wall Services Rough-ins 6 days Sat 24/07/21 26/07 Sheet Walls 1067 Sheet Walls 6 days Mon 26/07/21 Mon 2/08/21 3/08 Frame Ceilings 1068 Frame Ceilings Tue 3/08/21 Fri 6/08/21 4 days 7/08 Sheet Ceilings 1069 Sheet Ceilings 4 days Sat 7/08/21 Wed 11/08/21 12/08 Set and Sand Walls and Ceilings 1070 Set and Sand Walls and Ceilings Thu 12/08/21 3 days Mon 16/08/21 17/08 Render Walls 1071 Render Walls 3 days Tue 17/08/21 Thu 19/08/21 Wet Areas 32 days Fri 20/08/21 Wed 29/09/21 20/08 Screed & Waterproof 1073 Fri 20/08/21 Screed & Waterproof 6 days Thu 26/08/21 27/08 Flood Test 1074 Flood Test 2 days Fri 27/08/21 31/08 Wall Tiling 1075 Wall Tiling Tue 31/08/21 Sat 4/09/21 5 days 6/09 Floor Tiling 1076 Floor Tiling Mon 6/09/21 Fri 10/09/21 13/09 Initial Paint 1077 Initial Paint Mon 13/09/21 Wed 15/09/21 3 days 16/09 Install Fixtures, Fittings and Mirrors 1078 Install Fixtures, Fittings and Mirrors 8 days Thu 16/09/21 Fri 24/09/21 27/09 Final Paint 1079 Final Paint Mon 27/09/21 3 days Wed 29/09/21 1080 Kitchen 40 days Fri 20/08/21 Tue 12/10/21 1081 Floor Prep 2 days Fri 20/08/21 Sat 21/08/21 20/08 Floor Prep 23/08 Install Fixed Joinery 1082 Wed 1/09/21 Install Fixed Joinery 8 davs Mon 23/08/21 1083 Site Measure Kitchen Benchtops Thu 2/09/21 Thu 2/09/21 2/09 Site Measure Kitchen Benchtops 1 day 3/09 Procure Kitchen Benchtop 1084 Procure Kitchen Benchton 12 davs Fri 3/09/21 Fri 17/09/21 2 days 18/09 Install Kitchen Benchtop 1085 Install Kitchen Benchtop Sat 18/09/21 Mon 20/09/21 21/09 Install Splash Back 1086 Install Splash Back Tue 21/09/21 Wed 22/09/21 2 davs 23/09 Install Doors and Door Hardware 1087 Install Doors and Door Hardware 5 days Thu 23/09/21 Wed 29/09/21 30/09 Services Fitoff 1088 Services Fitoff 4 days Thu 30/09/21 Wed 6/10/21 7/10 Floor Finishes 1089 Floor Finishes 4 days Thu 7/10/21 Tue 12/10/21 Plant Room - Fire Control Room 1090 Plant Room - Fire Control Room 65 days Sat 10/07/21 Thu 30/09/21 Fire Sprinkler Pump Room Builders Work/Fitout/Initi 1091 Fire Sprinkler Pump Room Builders Work/Fitout/Initial Testing 65 days Sat 10/07/21 Thu 30/09/21 1092 Dry Trades and Finishes 45 days Fri 20/08/21 Mon 18/10/21 20/08 Initial Paint 1093 Initial Paint 3 days Fri 20/08/21 Mon 23/08/21 24/08 Install Fixed Joinery 1094 Install Fixed Joinery 8 days Tue 24/08/21 Thu 2/09/21 3/09 Install Doors 1095 Install Doors 3 days Fri 3/09/21 Mon 6/09/21 1096 Services Fitoff 8 days Tue 7/09/21 Thu 16/09/21 7/09 Services Fitoff 17/09 Floor Finishes (Incl. Stair Finishes) 1097 Floor Finishes (Incl. Stair Finishes) Fri 17/09/21 Wed 29/09/21 10 davs 13/10 Final Paint 1098 Final Paint 3 days Wed 13/10/21 16/10 Initial Clean 1099 Initial Clean Sat 16/10/21 Mon 18/10/21 2 days 1100 First Level Tue 18/05/21 Wed 28/07/21 First Level Plant - Mecha 1101 Tue 18/05/21 Wed 28/07/21 Plant - Mechanical 55 days 18/05 Builders Works 1102 **Builders Works** 10 days Tue 18/05/21 Sat 29/05/21 Project: 20200402 Bondi Pavilion Task ..... Milestone Project Summary Critical Split Date: 30/07/20

#### **Bondi Pavilion - Construction Programme - Rev 5** ID Task Name Duration Start Finish 1103 Mechanical Plant Fitoff 35 days Mon 31/05/21 Thu 15/07/21 16/07 Initial Testing and Com 1104 Initial Testing and Commissioning 10 days Fri 16/07/21 Wed 28/07/21 1105 Area 4 - Gatehouse Building Wed 3/03/21 Area 4 - Gatehouse Building 66 days Mon 31/05/21 1106 Ground Level Wed 3/03/21 Mon 17/05/21 Ground Level 55 days 1107 Wed 3/03/21 3/03 Set and Survey Set and Survey 1 day 4/03 Construct Brickwork/Blockwork Walls 1108 Construct Brickwork/Blockwork Walls 3 days Thu 4/03/21 Sat 6/03/21 8/03 HL Services Rough-in 1109 HL Services Rough-in Mon 8/03/21 Mon 15/03/21 16/03 Wall Services Rough-ins 1110 Wall Services Rough-ins Tue 16/03/21 Fri 19/03/21 4 days 20/03 Render Walls 1111 Render Walls 4 days Sat 20/03/21 Wed 24/03/21 Dry Trades and Finishes 1112 **Dry Trades and Finishes** 37 days Thu 25/03/21 Mon 17/05/21 25/03 Initial Paint 1113 Initial Paint 3 days Thu 25/03/21 Mon 29/03/21 30/03 Install Fixed Joinery 1114 Install Fixed Joinery 8 days Tue 30/03/21 Tue 13/04/21 14/04 Install Doors 1115 Fri 16/04/21 Install Doors 3 days Wed 14/04/21 17/04 Services Fitoff 1116 Services Fitoff Sat 17/04/21 8 days Wed 28/04/21 29/04 Floor Finishes (Incl. Stair Finishes) 1117 Floor Finishes (Incl. Stair Finishes) 10 days Thu 29/04/21 Tue 11/05/21 12/05 Final Paint 1118 Final Paint 3 days Wed 12/05/21 Fri 14/05/21 15/05 Initial Clean 1119 Initial Clean Sat 15/05/21 Mon 17/05/21 2 days First Level 1120 First Level 65 days Thu 4/03/21 Mon 31/05/21 1121 Thu 4/03/21 Thu 4/03/21 4/03 Set and Survey Set and Survey 1 day 5/03 Construct Brickwork/Blockwork Walls 1122 Construct Brickwork/Blockwork Walls 2 days Fri 5/03/21 Sat 6/03/21 1123 11/03 HL Services Rough-in HL Services Rough-in 6 days Thu 11/03/21 Thu 18/03/21 19/03 Partition Framing 1124 Partition Framing 4 days Fri 19/03/21 Tue 23/03/21 24/03 Wall Services Rough-ins 1125 3 days Wed 24/03/21 Fri 26/03/21 Wall Services Rough-ins 29/03 Sheet Walls 1126 Sheet Walls Mon 29/03/21 Wed 31/03/21 3 days 1/04 Frame Ceilings 1127 Frame Ceilings Thu 1/04/21 Wed 7/04/21 2 days 1128 8/04 Sheet Ceilings Thu 8/04/21 Sheet Ceilings 2 days Fri 9/04/21 12/04 Set and Sand Walls and Ceilings 1129 Set and Sand Walls and Ceilings 2 days Mon 12/04/21 Tue 13/04/21 14/04 Render Walls Render Walls Wed 14/04/21 Thu 15/04/21 2 days Wet Areas 1131 Wet Areas 32 days Fri 16/04/21 Thu 27/05/21 16/04 Screed & Waterproof 1132 Screed & Waterproof 6 days Fri 16/04/21 Thu 22/04/21 23/04 Flood Test 1133 Flood Test 2 davs Fri 23/04/21 Tue 27/04/21 28/04 Wall Tiling 1134 5 days Wed 28/04/21 Mon 3/05/21 4/05 Floor Tiling Tue 4/05/21 Mon 10/05/21 1135 Floor Tiling 5 days 11/05 Initial Paint 1136 Initial Paint 3 days Tue 11/05/21 14/05 Install Fixtures, Fittings and Mirrors 1137 Install Fixtures, Fittings and Mirrors Fri 14/05/21 Mon 24/05/21 8 days 25/05 Final Paint 1138 Final Paint 3 days Tue 25/05/21 Thu 27/05/21 Kitchen 1139 Fri 16/04/21 Kitchen 24 days Mon 17/05/21 16/04 Floor Prep 1140 Floor Prep 2 days Fri 16/04/21 Sat 17/04/21 19/04 Install Fixed Joinery Install Fixed Joinery 4 days Mon 19/04/21 Thu 22/04/21 23/04 Site Measure Kitchen Benchtops 1142 Fri 23/04/21 Site Measure Kitchen Benchtops 1 day Fri 23/04/21 27/04 Procure Kitchen Benchtop 1143 Procure Kitchen Benchtop 7 days Tue 27/04/21 5/05 Install Kitchen Benchtop 1144 Wed 5/05/21 Thu 6/05/21 Install Kitchen Benchton 2 davs 7/05 Install Splash Back 1145 Install Splash Back Fri 7/05/21 Mon 10/05/21 2 days 11/05 Install Doors and Door Hardware 1146 Install Doors and Door Hardware Tue 11/05/21 Wed 12/05/21 2 days 13/05 Services Fitoff 1147 Services Fitoff 2 days Thu 13/05/21 Fri 14/05/21 15/05 Floor Finishes 1148 Floor Finishes Sat 15/05/21 Mon 17/05/21 2 days Dry Trades and Finishes 1149 Dry Trades and Finishes 35 days Fri 16/04/21 Mon 31/05/21 1150 Initial Paint 3 days Fri 16/04/21 Mon 19/04/21 16/04 Initial Paint 20/04 Install Fixed Joinery 1151 Install Fixed Joinery 3 davs Tue 20/04/21 Thu 22/04/21 23/04 Install Doors 1152 Fri 23/04/21 2 days Tue 27/04/21 28/04 Services Fitoff 1153 3 days Services Fitoff Wed 28/04/21 Fri 30/04/21 1/05 Floor Finishes (Incl. Stair Finishes) 1154 Floor Finishes (Incl. Stair Finishes) Sat 1/05/21 Fri 7/05/21 6 days 28/05 Final Paint 1155 Final Paint Fri 28/05/21 Sat 29/05/21 2 davs 31/05 Initial Clean 1156 Initial Clean 1 day Mon 31/05/21 Mon 31/05/21 1157 **Courtyard and External Works** 64 days Thu 5/08/21 Wed 27/10/21 Courtyard Slab 1158 **Courtyard Slab** 33 days Thu 5/08/21 Wed 15/09/21 Northern Slab H-J 1159 Northern Slab H-Thu 5/08/21 Wed 11/08/21 6 days 5/08 Slab Setout 1160 Slab Setout 2 days Thu 5/08/21 Fri 6/08/21 1161 FRP Pour 1 Sat 7/08/21 7/08 FRP Pour 1 4 days Northern Slab H-1162 Northern Slab H-Sat 7/08/21 Mon 16/08/21 7 days 7/08 Slab Setout 1163 Slab Setout Sat 7/08/21 2 days 11/08 FRP Pour 2 1164 FRP Pour 2 Wed 11/08/21 Mon 16/08/21 4 days Southern Slab F-D 1165 Southern Slab F-D Tue 10/08/21 Thu 19/08/21 1166 10/08 Slab Setout Slab Setout Tue 10/08/21 Wed 11/08/21 2 days 16/08 FRP Pour 3 1167 FRP Pour 3 4 days Mon 16/08/21 Thu 19/08/21 Southern Slab D-B 1168 Southern Slab D-B Thu 12/08/21 Mon 23/08/21 9 days 12/08 Slab Setout 1169 Slab Setout 2 days Thu 12/08/21 Fri 13/08/21 19/08 FRP Pour 4 FRP Pour 4 Thu 19/08/21 Mon 23/08/21 4 days 18 days Mon 23/08/21 Wed 15/09/21 Slab Finish Slab Finish 1171 23/08 21 Day Cure Mon 23/08/21 Mon 13/09/21 Project: 20200402 Bondi Pavilion Task ..... Milestone Summary Critical Split Date: 30/07/20

#### **Bondi Pavilion - Construction Programme - Rev 5** ID Task Name Duration Start Finish 1173 Shotblast Tue 14/09/21 Wed 15/09/21 2 davs External Works Trades 1174 External Works Trades 31 days Thu 16/09/21 Wed 27/10/21 16/09 Hard Landscaping 1175 Hard Landscaping 10 days Thu 16/09/21 Tue 28/09/21 24/09 Soft Landscaping 1176 Fri 24/09/21 Fri 8/10/21 Soft Landscaping 10 days 1177 Thu 7/10/21 7/10 Fixed External Furniture Fixed External Furnitur Sat 16/10/21 18/10 Install Building Signs 1178 Install Building Signs 8 days Mon 18/10/21 Wed 27/10/21 Completion Works 1179 **Completion Works** Tue 1/06/21 Tue 9/11/21 Services Final Commissioning 1180 Thu 16/09/21 Services Final Commissioning 30 days Tue 26/10/21 16/09 Integrated Systems Testing and Cor 1181 Integrated Systems Testing and Commissioning 30 davs Thu 16/09/21 Tue 26/10/21 Area 1 - Main Pavilion Building 1182 Area 1 - Main Pavilion Building 10 days Thu 28/10/21 Tue 9/11/21 28/10 Final Clean and Close Off 1183 Final Clean and Close Off 2 days Thu 28/10/21 Fri 29/10/21 30/10 Initial Defect Check with Client 1184 Initial Defect Check with Client 1 day Sat 30/10/21 Sat 30/10/21 1/11 Defect Retifcation and Clean 1185 Defect Retification and Clean 6 days Mon 1/11/21 Mon 8/11/21 9/11 Client Sign Off 1186 Client Sign Off Tue 9/11/21 Tue 9/11/21 9/11 ♦ Area 1 - Stage 1 Complete 1187 Area 1 - Stage 1 Complete Tue 9/11/21 Tue 9/11/21 0 days Area 2 - North Building 1188 Area 2 - North Building 10 days Fri 27/08/21 Wed 8/09/21 27/08 Final Clean and Close Off 1189 Final Clean and Close Off Fri 27/08/21 Mon 30/08/21 2 days 31/08 Initial Defect Check with Client 1190 Initial Defect Check with Client 1 day Tue 31/08/21 Tue 31/08/21 1191 Defect Retifcation and Clean 6 days Wed 1/09/21 Tue 7/09/21 1/09 Defect Retifcation and Clean 8/09 Client Sign Off 1192 Client Sign Off 1 day Wed 8/09/21 Wed 8/09/21 8/09 Area 2 - Stage 1 Complete 1193 Area 2 - Stage 1 Complete 0 days Wed 8/09/21 Wed 8/09/21 Area 3 - South Building 1194 Area 3 - South Building 10 days Tue 19/10/21 Sat 30/10/21 1195 19/10 Final Clean and Close Off Final Clean and Close Of 2 days Tue 19/10/21 21/10 Initial Defect Check with Clien 1196 Initial Defect Check with Client Thu 21/10/21 Thu 21/10/21 1 day 22/10 Defect Retification and Clear 1197 Defect Retifcation and Clean Fri 22/10/21 Fri 29/10/21 1198 30/10 Client Sign Off Client Sign Off Sat 30/10/21 Sat 30/10/21 1 day 30/10 Area 3 - Stage 1 Complete 1199 Area 3 - Stage 1 Complete 0 days Sat 30/10/21 Sat 30/10/21 Area 4 - Gatehouse Building 1200 Area 4 - Gatehouse Building Tue 1/06/21 Sat 12/06/21 10 days 1/06 Final Clean and Close Off 1201 Final Clean and Close Off 2 days Tue 1/06/21 Wed 2/06/21 1202 3/06 Initial Defect Check with Client Initial Defect Check with Client 1 day Thu 3/06/21 Thu 3/06/21 4/06 Defect Retifcation and Clean 1203 Defect Retification and Clean 6 davs Fri 4/06/21 Fri 11/06/21 12/06 | Client Sign Off 1204 Client Sign Off 1 day Sat 12/06/21 Sat 12/06/21 12/06 ♦ Area 4 - Stage 1 Complete Sat 12/06/21 1205 Area 4 - Stage 1 Complete Sat 12/06/21 0 days 1206 Stage 1 Complete 0 days Tue 9/11/21 Tue 9/11/21 9/11 A Stage 1 Complete Stage 2 - External Promenade Works 1207 Mon 22/03/21 Fri 25/06/21 Stage 2 - External Promenade Works 69 days Stage 2A - Bondi Beach to Queen Elizabeth Drive 1208 Stage 2A - Bondi Beach to Queen Elizabeth Drive 36 days Mon 22/03/21 Establishment Works 1209 5 days Mon 22/03/21 **Establishment Works** Fri 26/03/21 22/03 Setup Jersey Barriers and Divert Traffic 1210 Setup Jersey Barriers and Divert Traffic 5 days Mon 22/03/21 Fri 26/03/21 1211 Removal Works Mon 29/03/21 Wed 7/04/21 Removal Works 5 days 29/03 Remove Required Post 1212 Remove Required Post 4 days Mon 29/03/21 Thu 1/04/21 29/03 Remove Timber Screens 1213 4 days Mon 29/03/21 29/03 Remove Outdoor Furniture 1214 Thu 1/04/21 Remove Outdoor Furniture 4 davs Mon 29/03/21 1215 Remove Existing Brick Pavers Tue 30/03/21 Wed 7/04/21 30/03 Remove Existing Brick Pavers 4 days 1216 Thu 8/04/21 Wed 5/05/21 New Works 21 days 8/04 Install New Surface Inlet Pit 1217 Install New Surface Inlet Pit 3 days Thu 8/04/21 Mon 12/04/21 13/04 Construct Reinforced Concrete Paving 1218 Construct Reinforced Concrete Paving Tue 13/04/21 6 days Mon 19/04/21 Lay New Brick Paving 16/04 Lay New Brick Paving 1219 12 days Fri 16/04/21 Sat 1/05/21 1220 Install New Signs, Bike Racks and External Furniture 5 days Fri 30/04/21 Wed 5/05/21 30/04 Install New Signs, Bike Racks and External Furniture Completion Works Thu 6/05/21 Wed 12/05/21 1221 Completion Works 5 davs 1222 Final Clean Thu 6/05/21 6/05 Final Clean 2 days 10/05 Redivert Traffic and Setup new Jersey Barriers 1223 3 days Mon 10/05/21 Redivert Traffic and Setup new Jersey Barriers Wed 12/05/21 1224 Stage 2B - Bondi Pavilion to Queen Elizabeth Drive Wed 12/05/21 Stage 2B - Bondi Pavilion to Queen Elizabeth Drive 33 days 1225 **Establishment Works** 2 days Wed 12/05/21 Fri 14/05/21 12/05 Commence Stage 2B works 1226 Commence Stage 2B works Wed 12/05/21 Wed 12/05/21 13/05 Protection Works to Exisiting V Drain 1227 Protection Works to Exisiting V Drain 2 days Thu 13/05/21 Fri 14/05/21 Removal Works 1228 Removal Works 6 days Sat 15/05/21 Fri 21/05/21 15/05 Remove Existing Brick Pavers 1229 Remove Existing Brick Pavers 6 days Sat 15/05/21 Fri 21/05/21 New Works 1230 New Works 15 days Mon 24/05/21 Thu 10/06/21 1231 24/05 Construct Reinforced Concrete Paving Construct Reinforced Concrete Paving 6 days Mon 24/05/21 27/05 Lay New Brick Paving 1232 Thu 27/05/21 Lav New Brick Paving 12 days Thu 10/06/21 8/06 Install New Bollards 1233 Install New Bollards 3 days Tue 8/06/21 Thu 10/06/21 Completion Works 1234 Fri 11/06/21 Completion Works Fri 25/06/21 10 days 11/06 Final Clean and Close Off 1235 Final Clean and Close Off 2 days Fri 11/06/21 Sat 12/06/21 1236 16/06 Initial Defect Check with Client Initial Defect Check with Client Wed 16/06/21 Wed 16/06/21 1 day 17/06 Defect Retifcation and Clean 1237 Defect Retifcation and Clean 6 days Thu 17/06/21 Thu 24/06/21 25/06 Client Sign Off 1238 Client Sign Off 1 day Fri 25/06/21 Fri 25/06/21 25/06 ♦ Stage 2 Forecourt Works Complete 1239 Stage 2 Forecourt Works Complete 0 days Fri 25/06/21 Fri 25/06/21 Stage 3 - Western Landscape Works 123 days Mon 24/05/21 Establishment Works 1241 Establishment Works 10 days Mon 24/05/21 Thu 3/06/21 5 days Mon 24/05/21 24/05 Install ATF 1242 Install ATF Fri 28/05/21 Project: 20200402 Bondi Pavilion | Task ..... Milestone Project Summary Critical Split Date: 30/07/20

#### **Bondi Pavilion - Construction Programme - Rev 5** ID Task Name Duration Start Finish 1243 Establishment of Road Diversion (Signs, Traffic Barriers etc.) Sat 29/05/21 Thu 3/06/21 5 davs Area A Works Fri 4/06/21 Wed 14/07/21 1244 Area A Works 30 days Removal and Demolition/Salvage Works 1245 Removal and Demolition/Salvage Works 13 days Fri 4/06/21 Wed 23/06/21 1246 4/06 Remove Required Existing Trees Remove Required Existing Trees 3 days Fri 4/06/21 Tue 8/06/21 1247 Remove Existing Retaining Wall Wed 9/06/21 9/06 Remove Existing Retaining Wall 4 days Sat 12/06/21 10/06 Salvage Required Bricks 1248 Salvage Required Bricks 6 days Thu 10/06/21 Fri 18/06/21 16/06 Demolition of Required Existing Surface 1249 **Demolition of Required Existing Surface** Wed 16/06/21 Wed 23/06/21 New Pavement Works 1250 **New Pavement Works** Thu 24/06/21 Wed 14/07/21 17 davs 24/06 Construct Reinforced Concrete Paving 1251 Construct Reinforced Concrete Paving 6 days Thu 24/06/21 Wed 30/06/21 24/06 Lay New Brick Paving 1252 Lay New Brick Paving 8 davs Thu 24/06/21 Fri 2/07/21 5/07 Lay Tactile Finishes 1253 Lav Tactile Finishes 3 days Mon 5/07/21 Wed 7/07/21 8/07 Lay Asphalt 1254 Lay Asphalt 2 days Thu 8/07/21 Fri 9/07/21 10/07 Install New Boom Gates 1255 Install New Boom Gates 2 days Sat 10/07/21 Mon 12/07/21 1256 Tue 13/07/21 Wed 14/07/21 13/07 Remove Fencing/Barriers Remove Fencing/Barriers 1257 Area B Works 57 days Sat 10/07/21 Mon 20/09/21 10/07 Setup Area B Fencing/Barriers 1258 Sat 10/07/21 Setup Area B Fencing/Barriers 3 days 14/07 ♦ Commence Area B Works 1259 0 days Wed 14/07/21 Wed 14/07/21 Commence Area B Works Removal and Demolition Works 1260 Removal and Demolition Works 8 days Thu 15/07/21 Sat 24/07/21 1261 Remove Existing Bollards and Boom Gates Thu 15/07/21 Mon 19/07/21 15/07 Remove Existing Bollards and Boom Gates 3 days 15/07 Remove Required Existing Trees 1262 Remove Required Existing Trees 3 days Thu 15/07/21 Mon 19/07/21 15/07 Survey Existing Services 1263 Survey Existing Services 3 days Thu 15/07/21 Mon 19/07/21 15/07 Demolition of Required Existing Surface 1264 Demolition of Required Existing Surface 8 davs Thu 15/07/21 Sat 24/07/21 1265 Mon 26/07/21 Fri 13/08/21 Services Works 16 days 1266 26/07 Install New Drainage Pits and Grated Drains Install New Drainage Pits and Grated Drains 5 days Mon 26/07/21 Fri 30/07/21 26/07 Trench and Install Electrical ducts for Lightpoles 1267 Trench and Install Electrical ducts for Lightpoles Mon 26/07/21 Wed 4/08/21 1268 5/08 Backfill Trench Backfill Trench Thu 5/08/21 Sat 7/08/21 3 days 9/08 Pull Electrical Cables 1269 Pull Electrical Cables 5 days Mon 9/08/21 Fri 13/08/21 New Pavement Works 1270 **New Pavement Works** Thu 5/08/21 Mon 20/09/21 37 days 5/08 FRP Footings 1271 FRP Footings 5 days Thu 5/08/21 Tue 10/08/21 1272 11/08 FRP New Concrete Wall FRP New Concrete Wall 6 days Wed 11/08/21 16/08 Construct New Brick Wall 1273 Construct New Brick Wall 4 days Mon 16/08/21 Thu 19/08/21 20/08 FRP Concrete Stairs 1274 FRP Concrete Stairs 4 days Fri 20/08/21 25/08 Construct Reinforced Concrete Paving 8 days Wed 25/08/21 1275 Construct Reinforced Concrete Paying Fri 3/09/21 25/08 Lay New Brick Paying 1276 Lay New Brick Paving 12 days Wed 25/08/21 Wed 8/09/21 9/09 Lay Tactile Finishes 1277 Thu 9/09/21 Mon 13/09/21 Lay Tactile Finishes 3 days 14/09 Install Lightpoles (x9) 1278 Install Lightpoles (x9) Tue 14/09/21 Thu 16/09/21 14/09 Install New Hand Rails, Bollards, External Furniture and S 1279 Tue 14/09/21 Mon 20/09/21 Install New Hand Rails, Bollards, External Furniture and Signs 6 days Area C Works 1280 20 days Tue 21/09/21 Mon 18/10/21 1281 Setup Temporary Fencing and Barriers and Remove Area B Fencing and Barriers Tue 21/09/21 Thu 23/09/21 21/09 Setup Temporary Fencing and Barriers and Remove Area 3 days 23/09 Commence Area C Works 1282 Commence Area C Works Thu 23/09/21 Thu 23/09/21 Removal and Demolition Works 1283 Removal and Demolition Works Fri 24/09/21 Wed 29/09/21 4 days 24/09 Demolition of Required Existing Surface 4 days 1284 Demolition of Required Existing Surface Fri 24/09/21 Wed 29/09/21 New Pavement Works 1285 **New Pavement Works** 13 days Thu 30/09/21 Mon 18/10/21 30/09 Kerb and Gutter 1286 Kerh and Gutter 4 days Thu 30/09/21 Wed 6/10/21 7/10 Construct Reinforced Concrete Paving 1287 Construct Reinforced Concrete Paving Thu 7/10/21 Wed 13/10/21 5 days 14/10 Lay Tactile Finishes 1288 Lav Tactile Finishes Thu 14/10/21 2 days Fri 15/10/21 1289 Install Signs and Bollards 2 days Sat 16/10/21 16/10 Install Signs and Bollards Completion Works 1290 10 days Tue 19/10/21 Sat 30/10/21 Completion Works 19/10 Final Clean and Close Off 1291 Final Clean and Close Off 2 days Tue 19/10/21 21/10 Initial Defect Check with Clien 1292 Initial Defect Check with Client Thu 21/10/21 1 day Thu 21/10/21 22/10 Defect Retifcation and Clean 1293 Defect Retification and Clean 6 days Fri 22/10/21 Fri 29/10/21 30/10 | Client Sign Off 1294 Client Sign Off Sat 30/10/21 Sat 30/10/21 1 day 30/10 Stage 3 - External Civil Works Complete 1295 Stage 3 - External Civil Works Complete 0 days Sat 30/10/21 Sat 30/10/21 Certification & Handover 1296 Wed 10/11/21 10/11 Obtain Occupation Certificate 1297 Obtain Occupation Certificate 6 days Wed 10/11/21 Tue 16/11/21 16/11 ♦ OC Achieved 1298 Tue 16/11/21 1299 Wed 17/11/21 Mon 29/11/21 Inclement Weather 10 days 29/11 A Practical Completion 1300 **Practical Completion** Mon 29/11/21 Mon 29/11/21 0 days SP3 - Ground Floor Tenancy Fitout (Cold Shell) 1301 SP3 - Ground Floor Tenancy Fitout (Cold Shell) 30 days Fri 25/06/21 Mon 2/08/21 SP3 Works - Tenanncy Shell 2 Fitout 1302 SP3 Works - Tenanncy Shell 2 Fitout 24 days Fri 25/06/21 Sat 24/07/21 25/06 Set and Survey 1303 Set and Survey 1 day Fri 25/06/21 Fri 25/06/21 28/06 HL Services Rough-In 1304 HL Services Rough-In 10 days Mon 28/06/21 Fri 9/07/21 1305 Install Parition Walls 6 days Sat 10/07/21 Fri 16/07/21 10/07 Install Parition Walls 19/07 Install Doors 1306 Install Doors 4 days Mon 19/07/21 Thu 22/07/21 23/07 Clean 1307 2 days Fri 23/07/21 24/07 SP3 - Tenanncy Shell 2 Complete 1308 SP3 - Tenanncy Shell 2 Complete Sat 24/07/21 Sat 24/07/21 0 days SP3 Works - Tenanncy Shell 1 Fitout 1309 SP3 Works - Tenanncy Shell 1 Fitout Sat 26/06/21 Mon 2/08/21 26/06 | Set and Survey 1310 Set and Survey 1 day Sat 26/06/21 Sat 26/06/21 6/07 HL Services Rough-In 1311 HL Services Rough-In 10 days Tue 6/07/21 Fri 16/07/21 Project: 20200402 Bondi Pavilion Task Progress ..... Milestone Project Summary Critical Split Date: 30/07/20

#### **Bondi Pavilion - Construction Programme - Rev 5** ID Task Name Duration Start Finish J J A S O N D J F M A M J J A S O N D L S S O N D D S O N D D S S O N D D S O N D S O N D D S O N D D S O N D S O 1312 Install Parition Walls Mon 19/07/21 Sat 24/07/21 6 davs 26/07 Install Doors 1313 Install Doors 4 days Mon 26/07/21 Thu 29/07/21 30/07 Clean 1314 2 days Fri 30/07/21 Mon 2/08/21 2/08 SP3 - Tenanncy Shell 1 Complete 1315 SP3 - Tenanncy Shell 1 Complete Mon 2/08/21 Mon 2/08/21 0 days 1316 SP4 - Ground Floor Tenancy Fitout (Cold Shell) - Provisional Sum Fri 12/02/21 Fri 20/08/21 SP4 - Ground Floor Tenancy Fitout (Cold Shell) - Provisional Sum 142 days Resequenced Works 1317 Reseguenced Works 142 days Fri 12/02/21 Fri 20/08/21 12/02 Notice to resequence Issued 1318 Notice to resequence Issued Fri 12/02/21 Fri 12/02/21 Inground services diversions 1319 Mon 12/04/21 Inground services diversions 9 davs Wed 21/04/21 12/04 Hydraulic 1320 Hydraulic 6 days Mon 12/04/21 Sat 17/04/21 15/04 Electrical 1321 Electrical 6 davs Thu 15/04/21 Wed 21/04/21 1322 Structure 48 days Thu 22/04/21 Fri 25/06/21 1323 Underpinning to western wall 6 days Thu 22/04/21 Fri 30/04/21 22/04 Underpinning to western wall 1/05 Connection to existing beams 1324 Connection to existing beams 6 days Sat 1/05/21 Fri 7/05/21 10/05 FRP Service trench structure 1325 FRP Service trench structure Mon 10/05/21 Sat 15/05/21 17/05 Screw piles for staircase 1326 Screw piles for staircase 2 days Mon 17/05/21 Tue 18/05/21 19/05 Pad footings for staircase 1327 Pad footings for staircase 3 days Wed 19/05/21 Fri 21/05/21 24/05 FRP Staircase 1328 FRP Staircase 6 days Mon 24/05/21 Sat 29/05/21 31/05 Precast Balsutrade install 1329 Precast Balsutrade install 2 days Mon 31/05/21 Tue 1/06/21 1330 FRP Colonnade footings 3 days Wed 2/06/21 Fri 4/06/21 2/06 FRP Colonnade footings 7/06 Colonnade precast 1331 Colonnade precast 2 days Mon 7/06/21 Tue 8/06/21 9/06 FRP Colonnade Structure 1332 FRP Colonnade Structure 6 days Wed 9/06/21 Thu 17/06/21 18/06 Openings to Western Walls 1333 Openings to Western Walls 6 days Fri 18/06/21 Fri 25/06/21 1334 24 days Sat 1/05/21 Facade Façade Mon 31/05/21 1/05 Remedial works to elevations 1335 Sat 1/05/21 Sat 15/05/21 Remedial works to elevations 12 days 17/05 Windows and Doors Scope 1336 Windows and Doors Scope Mon 17/05/21 Mon 31/05/21 1337 Roof Fri 18/06/21 Wed 30/06/21 Roof 10 days 18/06 Strucutral Carpenty to Roof as required 1338 Strucutral Carpenty to Roof as required 6 days Fri 18/06/21 Fri 25/06/21 26/06 Roofing 1339 Roofing Sat 26/06/21 Wed 30/06/21 4 days Public Domain 1340 Public Domain 24 days Thu 1/07/21 Fri 30/07/21 1341 1/07 Staircase Topping Staircase Topping 3 days Thu 1/07/21 Mon 5/07/21 6/07 FRP Paving Slab 1342 FRP Paving Slab 3 days Tue 6/07/21 Thu 8/07/21 9/07 Paving Paving 6 days Fri 9/07/21 Thu 15/07/21 16/07 FRP Courtyard Fri 16/07/21 FRP Courtvard Fri 30/07/21 1344 12 days 1345 High Level Services 24 days Thu 24/06/21 Fri 23/07/21 High Level Services 24/06 Mechanical 1346 Mechanical Thu 24/06/21 Wed 30/06/21 6 days 1/07 Fire 1347 Thu 1/07/21 Mon 5/07/21 6/07 Electrical 1348 Tue 6/07/21 Mon 12/07/21 Electrical 6 days 13/07 Solar 1349 3 days Tue 13/07/21 Thu 15/07/21 1350 Commissioning & Certification 6 days Fri 16/07/21 Fri 23/07/21 16/07 Commissioning & Certification SP4 Works - Tenancy Shell Fitout SP4 Works - Tenancy Shell Fitout 1351 Sat 26/06/21 43 days Fri 20/08/21 26/06 SP4 Cold Shell Commence 1352 SP4 Cold Shell Commence 0 days Sat 26/06/21 28/06 Internal Demotion 1353 Fri 9/07/21 Internal Demotion 10 days Mon 28/06/21 1354 Set and Survey Sat 10/07/21 Sat 10/07/21 10/07 Set and Survey 12/07 HL Services Rough-In 1355 Mon 12/07/21 HL Services Rough-In 10 days Fri 23/07/21 24/07 Install Parition Walls 1356 Install Parition Walls 6 days Sat 24/07/21 Fri 30/07/21 2/08 Install Doors 1357 Install Doors 4 days Mon 2/08/21 Thu 5/08/21 6/08 Initial Clean 1358 Initial Clean 2 days Fri 6/08/21 Sat 7/08/21 1359 Final Clean and Close Off 2 days Mon 9/08/21 Tue 10/08/21 9/08 Final Clean and Close Off 11/08 Initial Defect Check with Client 1360 Initial Defect Check with Client 1 day Wed 11/08/21 Wed 11/08/21 1361 Defect Retifcation and Clean 12/08 Defect Retifcation and Clean 6 days Thu 12/08/21 20/08 | Client Sign Off 1362 Client Sign Off 1 dav Fri 20/08/21 Fri 20/08/21 20/08 SP4 Works Complete 1363 SP4 Works Complete Fri 20/08/21 Fri 20/08/21 0 days Project: 20200402 Bondi Pavilion Task Project Summary ..... Milestone Critical Split Progress Date: 30/07/20

18th January 2021

# BONDI PAVILION RESTORATION AND CONSERVATION PROJECT





Bondi Pavilion Project – Buildcorp Stakeholder Communication

# **Bondi Pavilion – Upcoming Works**

# **Upcoming Works**

- Pour pad footings in the Atrium
- Pour slab in lift pit
- Demolition of walls in Gatehouse Ground Floor and Level 1
- Continue installation of ultra lintels in Fire Control Room
- Continue installation of screws piles in Lifeguard Office
- Continue installation of cable tray in North Wing



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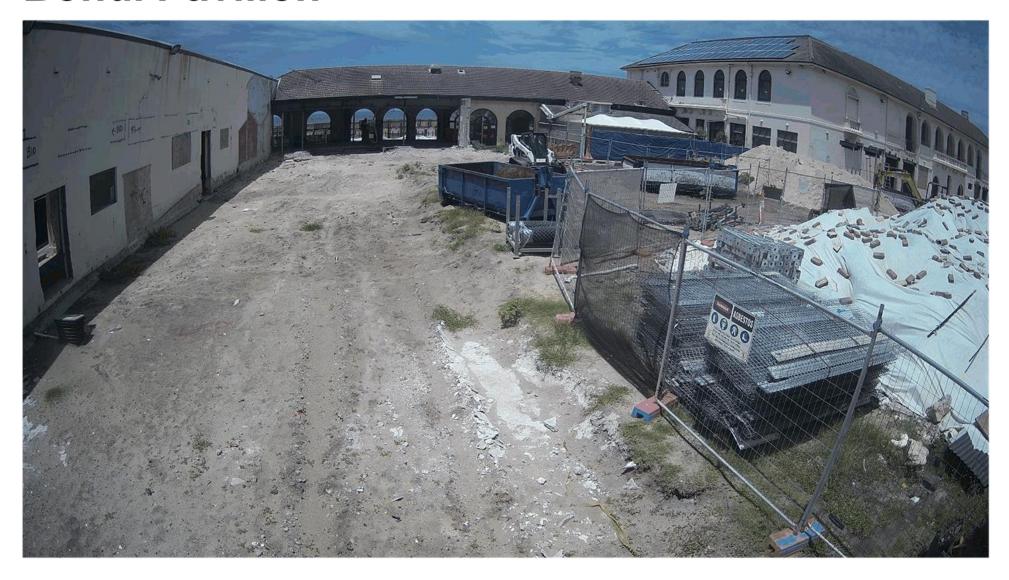
# **Bondi Pavilion – Completed Works**

- Lift shaft footing removed
- Wall penetration to South Wing
- Slab removed from Female Bathroom (Ground Floor Main Pavilion)
- Services sleeves installed prior to back fill (Ground Floor Main Pavilion)
- Installation of structural steel in the Atrium
- Needling installed to Gatehouse Level 1
- Installation of structural steel in Atrium



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# **Bondi Pavilion**



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