

24/02/2020

Our Ref: GDL150442.1.2

Art Gallery of NSW
Attn: Ben Campbell
Art Gallery of NSW, Art Gallery Road
The Domain, Sydney NSW 2000

**Art Gallery of NSW – Sydney Modern Project
Art Gallery Road, The Domain, Sydney**

SECTION 6.28 CROWN BUILDING WORKS CERTIFICATE – (No. 1.2)

Further to our engagement for the abovementioned project, please find attached the Building Code of Australia (BCA) Design Compliance Review completed in respect to the proposed AGNSW - Sydney Modern Projects (Initial Engagement Phase)

RFT. ID - AGNSW 2015.47, as required by Section 6.28 of the Environmental Planning and Assessment Act.

In reviewing the content herein, we draw particular attention to both the design documentation listed and conditions of approval listed in this Crown Certificate.

In terms of the conditions of approval, the content therein reflects BCA related matters that either did not comply or requires amendment or need to be complied with in the construction to achieve compliance with the referenced BCA.

The builder and the crown authority need to be aware of these conditions whilst undertaking the works, as they represent items that we shall either be focusing on in the inspection or be seeking installation certificates for on completion of the works, and it is the responsibility of the crown authority and builder engaged for the works to ensure these are complied with as part of the works.

Should you have any further enquiries please do not hesitate to contact Shane Berry.

Yours faithfully



Justin Jones-Gardiner
Director

BCA DESIGN COMPLIANCE REVIEW

PRELIMINARIES

CERTIFICATE NO.	GDL150442.1.2
Property Details	Art Gallery Road, The Domain, Sydney, NSW 2000 Lot 102 DP 854472. Lot 103 DP 1199151, Lot 34 DP 39586, Lots 107, 108 and 109 DP 1105308, Lot 4 DP 259027, Lot 51 DP 47732, Lot 35 DP 39586, Lot 9 DP 1007656 (Woolloomooloo Bay) , Lot 113 DP 1105308, Lot 1013 DP 1199151, and Lots 107, 108 and 115 DP 1105308 (Art Gallery Road), Mrs. Macquarie's Road, The Domain, and Lincoln Crescent and Cowper Wharf Road, Woolloomooloo
Client	Art Gallery of NSW (AGNSW)
Date	24/02/2020
Planning Approval	SSD 6471 dated 20 November 2018 S4.55 dated 17 September 2019
Proposal	<p>Sydney Modern Expansion Project:</p> <ul style="list-style-type: none"> • Demolition, earthworks and excavation works • Construction of new art gallery building • Remediation and conversion of former fuel bunker to gallery use • Construction of new entry plaza and associated canopy • New loading dock with access from Lincoln Crescent • Installation of seawater heat exchange system • Public domain and landscaping works, including new footpaths, public lifts and tree planting • Subdivision <p>THIS CROWN BUILDING WORKS CERTIFICATE IS LIMITED TO:</p> <ul style="list-style-type: none"> • Amended footing design (piling) as per the Refer Crown Building Works Certificate 150442.1.2 stamp approved plans

DEVELOPMENT DESCRIPTION

Proposed Works	Description
Classification(s):	9b
Use:	Art Gallery
Subject Area:	<p>Refer Crown Building Works Certificate 150442.1.2 stamp approved plans:</p> <p>THIS CROWN BUILDING WORKS CERTIFICATE IS LIMITED TO:</p> <ul style="list-style-type: none"> • Amended footing design (piling) as per the Refer Crown Building Works Certificate 150442.1.2 stamp approved plans.

BASIS OF CERTIFICATION

This certificate is based upon: -

- The National Construction Code, Volume 1, Building Code of Australia BCA Class 2-9 Buildings 2019 (BCA)
- The Design Documentation listed in this certificate below

EXCLUSIONS

This certificate relates only to the assessment and application of the Building Code of Australia to the proposed building works contained within the Design Documentation listed below and excludes: -

- Service providers requirements relating to electricity, gas, water and telecommunications
- The regulatory compliance of existing components/areas of the premises/site unaffected by the works.
- Any Development Consent requirements or conditions and any assessment as to the requirement for obtaining planning consent and any conditions to any consents obtained, as this only relates to an assessment of elements listed in Section 6.28 of the Environmental Planning and Assessment Act.

STATEMENT OF COMPLIANCE

We hereby confirm that the proposed design shall accord with the relevant principles and provisions of the Building Code of Australia 2019 subject to: -

- Compliance with the conditions of approval nominated below; and
- Reliance upon the listed documentation relied upon, listed drawings/plans
- Certification of the installation of the relevant portions on completion of the works

DESIGN DOCUMENTATION

The following architectural documentation was reviewed as part of this assessment;

Drawing No.	Titled	Prepared by	Revision	Dated
SMP-A-0000X33	Site Plan	Architectus & Sanaa Jimusho Ltd	9	07/02/2020
SMP-A-0300X01	Overall Retaining Structures Plan	Architectus & Sanaa Jimusho Ltd	B	06/02/2020
SMP-C-6400X30	North Stair - Layout and Details - Sheet 1	Architectus & Sanaa Jimusho Ltd	06	-/02/2020
SMP-C-6400X32	North Stair - Layout and Details - Sheet 2	Architectus & Sanaa Jimusho Ltd	02	31/01/2020
SMP-S-1000X00	Shoring Plan	Architectus & Sanaa Jimusho Ltd	02.13	12/02/2020
SMP-S-1000X01	Shoring Elevations – Sheet 1	Architectus & Sanaa Jimusho Ltd	02.14	12/02/2020
SMP-S-1000X05	Shoring Elevations – Sheet 2	Architectus & Sanaa Jimusho Ltd	02.03	12/02/2020

SUPPLEMENTARY DOCUMENTATION

The following additional documentation was reviewed as part of this assessment, and has been relied upon in confirming compliance for those elements listed / certified or confirmed as compliant;

- Application for Crown Certificate issued by Hakan Harman of Art Gallery NSW Trust, dated 07/02/2020
- Mindewi Art Space Pile Alignment Plan No. SK-A-00407 - Perspective - Mingwei Art Space Option 2 issued by Architectus & Sanaa Jimusho Ltd, dated 10/01/2020
- Geotechnical Investigation Report Letter issued by Michael Bradburn of Richard Crookes, dated 14/02/2020
- Structural Design Statement issued by Andrew Phillips of Arup dated 17/02/2020 and associated Structural Plans
- Civil Design Statement issued by Karen Seeto of Arup dated 18/02/2020

Information previously relied upon in Crown Certificate GDL-150442.2, dated 15/11/2019

- Application for Crown Certificate Application issued by Hakan Harman of Art Gallery NSW Trust, dated 01/11/2019
- Consultancy Agreement between Richard Crookes Construction and GML Heritage Pty Ltd
- Consolidated Geotechnical Report – Tender Stage Report Reference SYDGEN210394-AV, Revision 0, issued by Robert Turner of Coffey, dated 28/08/2019
- Review Of Environmental Factors, issued by Architectus, dated Dec 2018
- EFT Remittance for Bond for Substation Work issued by Art Gallery NSW, dated 15/11/2018
- Review of Environmental Factors Report issued by Architectus, dated Dec 2018
- Civil Works Report issued by Smartpole
- Sydney Streets Technical Specifications for Street Lighting, Version 1, issued by City of Sydney, dated 13/09/2016
- Structural Design Certificate – Review of Environmental Factors issued by Andrew Phillips of ARUP, dated 07/11/2019
- Design Statement for Lincoln Crescent Lighting for REF issued by Michael Harrold of Steensen Varming, dated 11/11/2019
- Pre-Construction Dilapidation Inspection Report Reference No. 819060.8 – Area 8 issued by GreenPlus Property Services, dated 23/10/2019
- Pre-Construction Dilapidation Inspection Report Reference No. 819060.9 – Area 9 issued by GreenPlus Property Services, dated 23/10/2019
- Civil Design Certificate for CC1 issued by Karen Seeto of ARUP, dated 07/11/2019
- Letter referencing approval to pay Levy by Instalments issued by Sherry Ryan of Long Service Corporation, dated 23/10/2019
- Certificate of Currency – General, Products and Environmental Liability for Infrastructure NSW
- Certificate of Currency – Contract Works Material Damage for Infrastructure NSW
- EFT Remittance for Long Service Levy issued by Richard Crookes Constructions, dated 24/10/2019
- Letter referencing REF Dec 2018 Condition 14.1 – Dilapidation Report issued by Steven Ju of GreenPlus Property Services, dated 08/11/2019
- Ausgrid Plans
- Electricity Network Connection Application for Lincoln Crescent issued by Lingasen Pather of Ausgrid, dated 19/12/2018
- Sediment and Erosion Control Plan issued by Sanaa Jimusho Ltd
- Construction Pedestrian and Traffic Management Plan, Reference No. 142/2019, Issue C issued by Transport and Traffic Planning Associates, dated 23/10/2019
- Construction Waste Management Plan Revision 2, issued by Richard Crookes Constructions, dated 10/10/2019
- Environmental Management Plan issued by Richard Crookes Constructions, dated 08/10/2019
- Plan – SMP-C-6400X20 – Light Pole Footing Detail Sheet 1 of 1, Revision 03 issued by Sanaa Jimusho Ltd, dated 25/10/2019
- Certificate of Currency - Workers Compensation for Richard Crookes Constructions Pty Ltd

Information previously relied upon in Crown Certificate GDL-150442, dated 15/11/2019

- Application for Crown Certificate Application issued by Hakan Harman of Art Gallery NSW Trust, dated 01/11/2019
- Consolidated Geotechnical Report – Tender Stage Report Reference SYDGEN210394-AV, Revision 0, issued by Robert Turner of Coffey, dated 28/08/2019
- Sydney Water Building Plan Approval Application Reference No. 560245 form and associated plans issued by Minh Tran of MetroWater Management, dated 20/11/2018
- Letter referencing Construction Noise and Vibration Management Plan issued by Ben White of White Noise Acoustics, dated 29/10/2019
- Memo referencing Condition B31 compliance issued by LCI Consultants, dated 06/11/2019
- Design Integrity Report Revision 1, issued by Infrastructure NSW
- Additional Information requested for DIR Plans
- Letter referencing Nominated Historical Archaeologist issued by Dan Griffin of Art Gallery NSW, dated 23/09/2019
- Letter referencing Archaeological Monitoring issued by Jennifer Jones-Travers of GML Heritage, dated 10/10/2019
- Conditions of Consent B21 – Works to Former Naval Fuel Bunker Report dated 17/10/2019
- Structural Design Certificate for Crown Certificate 1 issued by Andrew Phillips of ARUP, dated 23/10/2019
- Design Statement for Northern Stair Lighting for CC1 Certificate issued by Michael Harrold of Steensen Varming, dated 04/11/2019
- Pre-Construction Dilapidation Inspection Report Reference No. 819060.1 – Area 1 issued by GreenPlus Property Services, dated 08/11/2019
- Pre-Construction Dilapidation Inspection Report Reference No. 819060.2 – Area 2 issued by GreenPlus Property Services, dated 08/11/2019
- Pre-Construction Dilapidation Inspection Report Reference No. 819060.3 – Area 3 issued by GreenPlus Property Services, dated 08/11/2019
- Pre-Construction Dilapidation Inspection Report Reference No. 819060.4 – Area 4 issued by GreenPlus Property Services, dated 08/11/2019
- Pre-Construction Dilapidation Inspection Report Reference No. 819060.5 – Area 5 issued by GreenPlus Property Services, dated 08/11/2019
- Pre-Construction Dilapidation Inspection Report Reference No. 819060.6 – Area 6 issued by GreenPlus Property Services, dated 08/11/2019
- Pre-Construction Dilapidation Inspection Report Reference No. 819060.7 – Area 7 issued by GreenPlus Property Services, dated 08/11/2019
- Pre-Construction Dilapidation Inspection Report Reference No. 819060.8 – Area 8 issued by GreenPlus Property Services, dated 08/11/2019
- Pre-Construction Dilapidation Inspection Report Reference No. 819060.9 – Area 9 issued by GreenPlus Property Services, dated 08/11/2019
- Letter referencing CEMP and Heritage Induction Document review issued by Cheryl Brown of The Heritage Council of NSW, dated 14/11/2019
- Evidence of Compliance with SSD Condition B23 – Heritage Personnel Appointment issued by Jennifer Jones of GML Heritage Consultants, dated 10/10/2019
- Confirmation of Compliance with SSD Condition A10 and B61 issued by Amy Conway of Heritage NSW, dated 14/11/2019
- Confirmation of Compliance with SSD Condition B61 issued by Christine Turney of NSW DPI, dated 07/11/2019
- Confirmation of Compliance with SSD Condition B61 issued by Mark Hanemann of NSW DPI, dated 24/10/2019
- Confirmation of Compliance with SSD Condition B61 issued by Steven Nguyen of NSW RMS, dated 30/10/2019
- Confirmation of Compliance with SSD Condition A10 and B61 issued by Kay Russell of Transport for NSW, dated 13/11/2019
- Confirmation of Compliance with SSD Condition B62 issued by Clement Lim of City of Sydney, dated 07/11/2019
- Confirmation of Compliance with SSD Condition B62 issued by Ben Borger of RMS, dated 07/11/2019

- Confirmation of Compliance with SSD Condition B63 issued by Mark Hanemann of NSW DPI, dated 23/10/2019
- Confirmation of Compliance with SSD Condition B69 issued by Mark Hanemann of NSW DPI, dated 23/10/2019
- Confirmation of Compliance with SSD Condition B72 issued by Mark Hanemann of NSW DPI, dated 23/10/2019
- Civil Design Certificate and associated Civil Plans for CC1 issued by Karen Seeto of ARUP, dated 07/11/2019
- Structural Plans issued by Arup
- Confirmation of Compliance with Conditions A10 and B61 issued by Steve Meredith of Heritage Council of NSW, dated 11/11/2019
- Confirmation of Compliance with Conditions A10 and B61 issued by Cheryl Brown of The Heritage Council of NSW, dated 14/11/2019
- Letter referencing Condition B22 Proposed Materials issued by Katrina Stankowski of Heritage Council of NSW, dated 03/06/2019
- Letter of Response regarding Works to the Former Naval Fuel Bunker - Condition B21 issued by Cheryl Brown of The Heritage Council of NSW, dated 25/10/2019
- Letter referencing approval to pay Levy by Instalments issued by Sherry Ryan of Long Service Corporation, dated 23/10/2019
- Letter referencing SSD Condition A20 issued by Marcus Ray of NSW Planning and Environment, dated 13/03/2019
- Letter referencing discharge of SSD Condition B2, B3 and B4 issued by Anthea Sargeant of NSW Planning and Environment, dated 25/10/2019
- Certificate of Currency – General, Products and Environmental Liability for Infrastructure NSW
- Certificate of Currency – Contract Works Material Damage for Infrastructure NSW
- EFT Remittance for Long Service Levy
- Letter referencing SSD Conditions B65 and C25 - Construction Waste Management Plan issued by Jesse Moss of Richard Crookes Constructions, dated 28/10/2019
- Letter referencing SSD Condition 16B – Geotechnical Excavation Monitoring Plan issued by James Searle of Coffey, dated 07/11/2019
- Air Quality and Odour Management Plan Report Reference No. SYDGE234348-RCC AQOMP R01, issued by Jesse Mosso f Richard Crookes Constructions, dated 22/10/2019
- Construction Noise and Vibration Management Plan Report, Revision 0, issued by Ben White of White Noise Acoustics, dated 18/10/2019
- Construction Pedestrian and traffic Management Plan report Reference No. 142/2019, Revision C issued by Transport and Traffic Planning Associates, dated 23/10/2019
- Letter referencing SSD Condition B52 and C1 – Demolition Control Plan issued by Brenton Watson of DECC, dated 28/10/2019
- Demolition Control Plan Report Version 2 issued by Brenton Watson of DECC, dated 22/10/2019
- Environmental Management Plan issued by Richard Crookes Constructions, dated 08/10/2019
- Geotechnical Excavation Monitoring Plan Report Reference No. SYDGE234348-G1-GEMP, Revision 2 issued by James Searle of Coffey, dated 05/11/2019
- Hazardous Material Management Plan Report Reference No. 754-SYDGE234348 – RCC HMMP R03, Revision R03, issued by Coffey, dated 04/11/2019
- Unexpected Finds Procedure Report Reference SYDGE234348-EB_UFP issued by Coffey, dated 15/10/2019
- Letter referencing Unexpected Finds Protocol issued by Michael Dunbavan of Coffey, dated 08/11/2019
- Plan – SMP-C-0100X01 – General Notes and Legend Sheet 1 of 2, Revision 04 issued by Sanaa Jimusho Ltd, dated 23/10/2019
- Plan – SMP-C-0100X02 – General Notes and Legend Sheet 2 of 2, Revision 04 issued by Sanaa Jimusho Ltd, dated 23/10/2019
- Plan – SMP-C-1200X01 – Sediment and Erosion Control Plan, Revision 04 issued by Sanaa Jimusho Ltd, dated 06/11/2019

- Plan – SMP-C-6200X01 – Sediment and Erosion Control Details, Revision 03 issued by Sanaa Jimusho Ltd, dated 06/11/2019
- Luminaire Data Sheet Reference XB1, dated Aug 2018
- Letter referencing SSD Condition B49 - Pre-Construction Dilapidation Report and Condition B60 – Heritage Dilapidation Study (HDS) issued by Steven Ju of GreenPlus Property Services, dated 08/11/2019
- Letter referencing SSD Condition B51- Requirements of Public Authorities issued by Michael Bradburn of Richard Crookes Constructions, dated 14/11/2019
- Email Correspondence regarding Principals Documentation for Crown Certificate, issued by Andrej Stevanovic of Art Gallery NSW Trust, dated 28/10/2019
- Email Correspondence regarding Condition B8 issued by Andrej Stevanovic of Art Gallery NSW Trust, dated 28/10/2019
- Plan – SMP-L-1000X00 – Northern Stair – Layout, Material & Finishes Plan, Revision 1, issued by Sanaa Jimusho Ltd, dated 29/10/2019
- Compliance Monitoring and Reporting Program (Condition B8), Revision 01, dated 10/10/2019
- Letter referencing Condition 5.1 – Construction Traffic Management Plan issued by Meg Kong of Transport and traffic Planning Associates, dated 28/10/2019
- Letter referencing Condition B62 and C8 – Construction Pedestrian and Traffic Management Plan issued by Meg Kong of Transport and traffic Planning Associates, dated 28/10/2019
- Fire Resistance Performance of Structural Steel Report Reference 409488 issued by Warringtonfire, dated 18/03/2019
- Certificate of Currency - Workers Compensation for Richard Crookes Constructions Pty Ltd
- GDL 190324 – Accessibility Statement issued by Group DLA 14 November 2019
- Evidence of approval of SSD Condition B61 issued by David m Zabell of City of Sydney dated 7/11/2019
- Evidence of approval of SSD Condition B63 issued by David m Zabell of City of Sydney dated 23/10/2019
- Evidence of approval of SSD Condition B69 issued by Raghuram Muguli of Coffey dated 8/11/2019
- Evidence of approval of SSD Condition B64 issued by Raghuram Muguli of Coffey dated 8/11/2019

This certificate confirms compliance to Clause 6.28 of the Environmental Planning and Assessment Act for the proposed works, and is reliant upon the listed documentation, design certification and plans referenced, as well as compliance with the conditions of this document as listed being achieved



Justin Jones-Gardiner
Director
Building Professionals Board / BPB0204