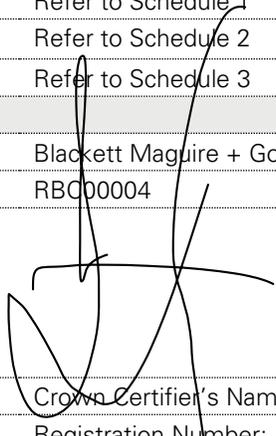




BCA Crown Certificate

Pursuant to Section 6.28 of the Environmental Planning & Assessment Act 1979

Certificate No.	CRO-23088
Date of Certificate	30.10.2023
+ Subject Land	
Lot + DP	Lot 101 DP 1119583
Address	The Children's Hospital at Westmead Corner of Hawkesbury Road and Hainsworth Street WESTMEAD NSW 2145
Local Government Area	City of Parramatta Council
+ Applicant	
Name	Anna Chernih
Company	Health Infrastructure
Address	1 Reserve Road, St Leonards NSW 2065
Phone	0408 702 690
Email	Anna.chernih@health.nsw.gov.au
+ Owner	
Name	Sydney Children Hospital Network
Address	5 Fleet Street, North Parramatta NSW 2151
Phone	(02) 9840 3000
+ Description of Development	
Description	Forecourt Main works involving Retail Pods above Ground Structure, Façade, Outdoor Canopy, Furniture, Play Equipment and Cold Shell of Retail Pod 2 only. <i>Note: This Crown Certificate is subject to conditions outlined in schedule 2 below.</i>
	<i>1. This staged BCA Crown Certificate has been issued for the building works described above only. Separate BCA Crown Certificate/s will be required prior to commencement of any subsequent works.</i>
	<i>2. This BCA Crown Certificate excludes any external ancillary services, structures or civil works required by relevant authorities.</i>
BCA Classification	Class 3, 5, 6, 7a & 9a
Applicable BCA	National Construction Code 2019 Volume 1 – Building Code of Australia
Development Consent	Consent Number: SSD-10349252 Date: 17 December 2021
Statutory Certification	<i>Pursuant to the provisions of Section 6.28 of the Environmental Planning and Assessment Act 1979, Blackett Maguire + Goldsmith Pty Ltd hereby certifies that the building works have been designed in accordance with the Building Code of Australia 2019 subject to the attached Conditions.</i>
Referenced Documentation	Refer to Schedule 1
Conditions and Exclusions	Refer to Schedule 2
Fire Safety Schedule	Refer to Schedule 3
+ Details of Crown Certifier	
Crown Certifier	Blackett Maguire + Goldsmith Pty Ltd
Accreditation Number	RBC00004
Signature	
Signed on Behalf of BM+G	Crown Certifier's Name: David Blackett Registration Number: BDC0032

Liability limited by a scheme approved under Professional Standards Legislation

+ Schedule 1 – Schedule of Documentation

Referenced Plans

+ Architectural Plans prepared by Billard Leece Partnership Pty Ltd:

+ Drawing Number	+ Rev	+ Date	+ Drawing Number	+ Rev	+ Date
Architectural Plans relied upon for <i>CRO-23014</i>					
CHW-AR-DG-PSB-SSD001	J	19.10.2021	CHW-AR-DG-PSB-SSD004-01	E	19.10.2021
CHW-AR-DG-PSB-SSD005	D	19.10.2021			
Architectural Plans relied upon for <i>CRO-23014/A</i>					
CHW-AR-DG-RFB-04-02001	G	08.04.2022			
Architectural Plans relied upon for <i>CRO-23088</i>					
CHW-AR-DG-RFB-10-02700	1	13.06.2023	CHW-AR-DG-RFB-10-02701	2	12.07.2023
CHW-AR-DG-RFB-10-02711	1	12.07.2023	CHW-AR-DG-RFB-10-02712	1	12.07.2023
CHW-AR-DG-RFB-10-03701	2	12.07.2023	CHW-AR-DG-RFB-13-02701	1	13.06.2023
CHW-AR-DG-RFB-13-02702	1	12.07.2023	CHW-AR-DG-RFB-20-EL701	1	13.06.2023
CHW-AR-DG-RFB-20-EL711	1	12.07.2023	CHW-AR-DG-RFB-30-SE701	1	13.06.2023
CHW-AR-DG-RFB-30-SE711	1	12.07.2023			

Documentation Relied Upon

In conjunction with the approved plans and specifications the following documentation was relied upon in issuing the BCA Crown Certificate:

+ Documentation:

+ Item	+ Documentation	+ Prepared by	+ Date
Documentation relied upon for <i>CRO-23014</i>			
1.	Crown Certificate Application Form	Health Infrastructure	3 February 2023
2.	Levy Receipt No: L0000033714	NSW Government	26 January 2022
3.	Structural Plan	DunningsCE	March 2023
4.	Dilapidation Survey	James Townsend Dilapidation Surveys Pty Ltd	10 February 2023
5.	Email Correspondence – Evidence of Submission to Council (Pre-construction Survey)	Ford Civil Contracting Pty Ltd	21 February 2023
6.	Notification to Residents – Pre Construction Survey	Ford Civil Contracting Pty Ltd	February 2023
7.	Certificate of Design – Electrical	Stantec	16 February 2023
8.	Certificate of Design - Demolition	Titan Contractors Pty Ltd	3 February 2022
9.	Demolition Management Plan	Titan Contractors Pty Ltd	12 January 2023
10.	Project Environmental Management Plan	Ford Civil Contracting Pty Ltd	04 January 2023
11.	Post Approval Form	NSW Government	29 March 2023

12.	Construction Traffic & Pedestrian Management Plan	Ford Civil Contracting Pty Ltd	06 January 2023
13.	Noise and Vibration Management Plan	Ford Civil Contracting Pty Ltd	09 January 2023
14.	Construction Waste Management Plan	Ford Civil Contracting Pty Ltd	09 January 2023
15.	Email Correspondence – Soil and Water Management Plan	City of Parramatta	22 February 2023
16.	Soil and Water Management Plan	Ford Civil Contracting Pty Ltd	06 January 2023
17.	Construction Traffic and Pedestrian Management	Ford Civil Contracting Pty Ltd	06 January 2023
18.	Certificate of Design – Landscape Architecture	McGregor Coxall	27 February 2023
19.	Construction Stormwater Management	Ford Civil Contracting Pty Ltd	6 January 2023
20.	Head contractor compliance statement – SSDA Condition C26	Ford Civil Contracting Pty Ltd	22 November 2022
21.	Demolition Plan	Billard Leece Partnership Pty Ltd	18 February 2022
22.	Site Plan	Billard Leece Partnership Pty Ltd	10 March 2023
23.	Certificate of Design – Architecture Forecourt	Billard Leece Partnership Pty Ltd	10 March 2023
24.	Structural Design Certificate	Dunnings Consulting Engineers	21 March 2023
25.	Forecourt Work- Hydraulic Design Certificate	Arup	30 March 2023
26.	Site Survey	LTS	9 December 2019
27.	Bulk Earthworks Plan	Arup	10 March 2023
28.	Satisfactory Reply letter – traffic and Pedestrian Management Sub-Plan	City of Parramatta	16 February 2023
29.	Food Emergency Response Sub Plan	Ford Civil Contracting Pty Ltd	9 January 2023
30.	Peer Review – Constriction Noise and Vibration Management Plan	SLR	3 February 2023
31.	Consultation Meeting Minutes – Evidence of Submission for SSDA	NSW Government	4 November 2019
32.	Noise and Vibration Monitoring Report	Arup	14 November 2022
33.	Notification to Residents - Pre Construction Survey	Ford Civil Contracting Pty Ltd	February 2023
34.	Demolition Management Plan	Titan Contractors Pty Ltd	12 January 2023
35.	Emil Correspondence - Notice of EPA Auditor	PWC	22 March 2021
36.	Proposal to Conduct Site Audit	Senversa Pty Ltd	15 December 2020
37.	Civil Design Certificate	Arup Pty Ltd	31 March 2023
38.	Staging Report Paediatric Services Building	NGH Consulting	10 February 2023
Documentation relied upon for CRO-23014/A			
39.	Structural Design Statement	Dunnings Consulting Engineers	24 July 2023
40.	Architectural Design Verification Statement - Forecourt	Billard Leece Partnership Pty Ltd	26 July 2023

41.	Structural (in-ground Drawing's)	Dunnings Consulting Engineers	Various
Documentation relied upon for CRO-23088			
42.	Letter of request for staged Crown Certificate	Kane Constructions	27 November 2023
43.	Long Service Levy Receipt No. L0000112991.	NSW Long Service Corporation	28 April 2023
44.	Architectural Materials and Workmanship Specification	Billard Leece Partnership Pty Ltd	08 April 2022
45.	Mechanical Services Certificate of Design	JHA Consulting Engineers	23 October 2023
46.	Box Gutters & Downpipes Certificate of Design	Maconachie & Partners Hydraulic & Fire Services Engineers	23 October 2023
47.	Section J Report No. 4513 Issue 1	Aspire Sustainability Consulting Pty Ltd	28 July 2023
48.	Landscape Design Certificate	McGregor Coxall	27 February 2023
49.	Schedule of Slip Resistance	Kane Constructions	11 September 2023
50.	Paediatric Services Building – Staging Report Revision 5	NGH Pty Ltd	10 February 2023
51.	External Wall System Disclosure Statement	Billard Leece Partnership Pty Ltd	20 September 2023
52.	Architectural Certificate of Design	Billard Leece Partnership Pty Ltd	25 August 2023
53.	Combined Structural Plans	Dunnings Consulting Engineers Pty Ltd	Various
54.	Consultation Meeting Minutes	NSW Health Infrastructure	04 November 2019
55.	Dilapidation Survey	James Townsend Dilapidation Surveys Pty Ltd	10 February 2023
56.	Correspondence Regarding Pre-Construction Survey Submission to Asset Owners	Ford Civil Contracting Pty Ltd	21 February 2023
57.	Correspondence Regarding Pre-Construction Survey Submission to Council	Ford Civil Contracting Pty Ltd	21 February 2023
58.	Community Notification of Pre-Construction Survey	Form Civil Contracting Pty Ltd	February 2023
59.	Community Notification of Public Domain Works	Form Civil Contracting Pty Ltd	February 2023
60.	Environmental Management Plan	Kane Constructions	26 June 2023
61.	Construction Noise and Vibration Management Sub-Plan	Acoustic Logic	10 July 2023
62.	Waste Management Plan	Kane Construction	23 August 2023
63.	Construction Traffic & Pedestrian Management (Sub Plan) – Driver Code of Conduct	Asset Traffic Management	24 July 2023
64.	Construction Traffic & Pedestrian Management (Sub Plan) – Parking on Site	Asset Traffic Management	24 July 2023
65.	Forecourt Site Establishment and Evacuation Plan – Rev 3	-	20 July 2023
66.	Flood Impact Assessment	ARUP Pty Ltd	13 March 2023

67.	Landscape Letter of Design Compliance	McGregor Coxall	03 July 2023
68.	Proposal to conduct a Site Audit	Senversa Pty Ltd	15 December 2020
69.	Fire Services Specification – Preliminaries	ARUP Pty Ltd	27 May 2022
70.	Wet Fire Services Plan		
71.	ARUP Pty Ltd	14 April 2023	
72.	Retail Pod Partition Markup Plan	ARUP Pty Ltd	10 March 2023
73.	Civil Design Certification	ARUP Pty Ltd	08 September 2023
74.	Electrical Certificate of Design	Stantec	24 August 2023
75.	Dry Fire Services Plan	Wormald Australia Pty Ltd	13 September 2023
76.	Hydraulic and Fire Services Design Statement	ARUP Pty Ltd	20 September 2023
77.	Fire System Design Endorsement Statement: Automatic Fire Detection & Alarm System Building Occupant Warning System	Wormald Australia Pty Ltd	
78.	Letter of Council Approval of the Construction Traffic and Pedestrian Management Sub-Plan	City of Parramatta Council	16 February 2023
79.	On-site Slip Test Report No. BO151222-7 - Childrens Playground	Sliptest Australia Pty Ltd	15 December 2022
80.	Landscaping Plans	McGregor Coxall	Various Dates
81.	Dry Fire Services – Single Line Plan	Wormald Australia Pty Ltd	10 August 2023
82.	Slip Test Report No. R9677 – Aluminum Stair Nosing	Safe Environments Pty Ltd	04 November 2015
83.	Slip Test Report No. R10334b – Stainless Steet Tactile Indicators	Safe Environments Pty Ltd	19 February 2016
84.	Slip Test Report No. UNS0723-1 – Diamond Gold (Exfoliated)	Stone Initiatives and Materials Testing Group Pty Ltd	25 July 2023
85.	Slip Test Report No. UNS0723-1 – Diamond Gold (Bush Hammered)	Stone Initiatives and Materials Testing Group Pty Ltd	25 July 2023
86.	SSDA Staging Report	NGH Consulting	10 February 2023
87.	Structural Design Certificate	Dunnings CE	30 October 2023
88.	Fire Engineering Report	Mott MacDonald	05 May 2023
89.	Confirmation that no Sydney Water Tapin required	Arup Pty Ltd	30 October 2023

+ Schedule 2 – Conditions and Exclusions

This Crown Certificate has been issued subject to the following conditions:

1. This Crown Certificate does not certify compliance with the Conditions of the Development Consent No. SSD-10349252 dated 17 December 2021. The building works should not commence until the Crown is satisfied that the relevant conditions of the Development Consent that are a pre-requisite to commencement have been appropriately addressed where relevant.
2. A Fire Safety Schedule is to be provided in order for BM+G to develop an appropriate Fire Safety Schedule within five (5) business days.
3. A performance solution for retail pod is to be developed
4. All items as identified within the attached Crown Certificate Requirement list R(3) are to the complete exclusion and are required to be actioned within five (5) business days.

Note: BM+G reserves the right to withdraw this Crown Certificate should the documentation required to be rectified not be closed out by the not be closed out within the stipulated time frame.

5. No approval is given nor implied for the construction of works beyond the scope specifically approved by this Stage 4 – Forecourt Main Works Crown Certificate.
6. There is to be no impact, disruption, impediment or modification to existing active or passive fire safety systems or egress arrangements within the existing hospital building as a direct or indirect result of the proposed works without prior consultation and approval by the LHD (as applicable) and the crown certifier (BM+G).
7. Demolition works are to be undertaken in accordance with the documentation listed in Schedule 1 & AS 2601-2001.
8. Where the proposed demolition works necessitate the isolation and/or decommissioning of any existing fire services, particularly the fire hydrant system or the sprinkler system, then Fire & Rescue NSW and any relevant insurance providers should be notified prior to de-commissioning and/or isolation of the system.
9. All building works associated with the subject development are to be carried out in accordance with the approved documentation listed above in Schedule 1.

Any departure from the documentation cannot be undertaken without the review and approval by Blackett Maguire + Goldsmith.

10. Where there is any conflict between the Design Documentation and the advice provided by Blackett Maguire + Goldsmith, the advice issued takes precedence unless approved by Blackett Maguire + Goldsmith.
11. Any changes to the Architectural Documentation that may affect compliance with the Building Code of Australia, or the referenced Australian Standards are to be appropriately disclosed to Blackett Maguire + Goldsmith for review.
12. Blackett Maguire + Goldsmith are to be contacted throughout the project for routine site inspections to ensure that the works are being carried out in accordance with the approved documentation.
13. The Fire Safety Engineer is to be contacted throughout the project for routine site inspections to ensure that the works are being carried out in accordance with the approved documentation.
14. The Access Consultant is to be contacted throughout the project for routine site inspections to ensure that the works are being carried out in accordance with the approved documentation.

+ Inspection and Certification Schedule

Required Inspections

The following inspections must be undertaken during the construction program.

- + In the case of Class 9a buildings, prior to covering of fire protection at service penetrations to building elements that are required to resist internal fire or smoke spread, inspection of a minimum of one of each type of protection method for each type of service, on each storey of the building comprising the building work.
- + After the building works has been completed and prior to any Occupation Certificate being issued in relation to the building.

+ Schedule 3 – Fire Safety Schedule

Fire Safety Schedule is to be provided upon submission of Annual Fire Safety Certificate for the building.

+ Crown Certificate Requirements List

+ Project	Stage 4 – Forecourt Main Works		
+ To	Kane Constructions Pty Ltd	+ Project No.	210631
+ Attention	Peter Boutros	+ Pages	15
+ Email	Aconex	+ Date	26/10/2023
+ From	James McNeill Innaaya Sampelalong Adam Durnford	+ SSDA No.	SSD -10349252

Dear Peter,

Further to your request we have undertaken a review of the Development Consent No. SSD-10349252

dated 17 December 2021 as issued by Minister for Planning and Public Spaces for the proposed Forecourt Main Works as part of the Stage 2 Children’s Hospital Redevelopment at Westmead Hospital.

It is understood that the works are proposed to be staged as follows:

Stage 4 Crown Certificate – Forecourt Main works involving Retail Pods above Ground Structure and Façade, Outdoor Canopy, Furniture, Play Equipment and Cold Shell of Retail Pod 2 only.

As a result, we have identified the relevant Conditions of the Development Consent that will be required to be finalised prior to the issue of the respective Crown Certificates.

Note: Crown Certificate documentation must be lodged via the NSW Planning Portal (where required). planningportal.nsw.gov.au

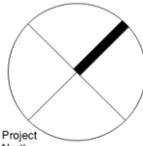
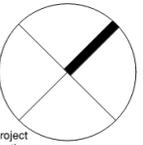
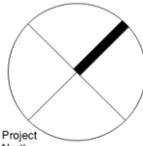
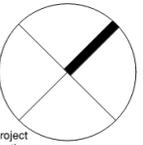
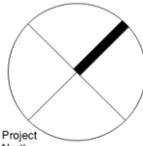
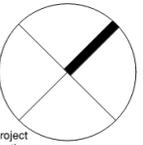
We request that all **documentation listed below is supplied to our office in the first instance** for review and acceptance named concurrent with the contents of the file (i.e., where a file relates to a SSDA Condition, the file is named “DA # - Document Name” and where a file relates to a Crown Certificate Document the file is name “CC # - Document Name”). **Once the documentation package has been finalised and accepted by BM+G it will be uploaded via the Portal for final submission.**

Liability limited by a scheme approved under Professional Standards Legislation

+ Development Consent Requirements

Compliance with the following Conditions of Development Consent No. SSD-10349252 dated 17 December 2021.

+ DA #	+ Requirement	+ Date
A10/A11/ A13	<u>Submission of the latest staging report</u> in accordance with this condition.	01/08/2023
A18	Note: Item will be satisfied as part of the Crown Certificate requirement documentation items below.	<u>Note only</u>
A20	<u>Submission of certification</u> that the external colors, materials and finishes of the building are consistent with the approved SSDA plans as referenced in condition A2.	28.09.2023
A31	<p>Note only</p> <p>Within three months of:</p> <p>(a) the submission of a compliance report under condition A34;</p> <p>(b) the submission of an incident report under condition A27;</p> <p>(c) the submission of an Independent Audit under condition C40 or C41;</p> <p>(d) the approval of any modification of the conditions of this consent; or</p> <p>(e) the issue of a direction of the Planning Secretary under condition A2 which requires</p> <p>A review, the strategies, plans, and programs required under this consent must be reviewed, and the Planning Secretary and the Certifier must be notified in writing that a review is being carried out.</p>	Note only
A32	<p>Note only</p> <p>If necessary to either improve the environmental performance of the development, cater for a modification, or comply with a direction, the strategies, plans, programs or drawings required under this consent must be revised, to the satisfaction of the Planning Secretary or Certifier (where previously approved by the Certifier). Where revisions are required, the revised document must be submitted to the Planning Secretary and / or Certifier for approval and / or information (where relevant) within six weeks of the review.</p> <p><i>Note: This is to ensure strategies, plans and programs are updated on a regular basis and to incorporate any recommended measures to improve the environmental performance of the development.</i></p>	Note only
B2	<p>Notify the Planning Secretary (via the Major Projects Planning Portal) of the date of commencement and the development to be carried out as part of stage 4 at least 48 hours prior to the commencement of that stage.</p> <p><i>BM+G Comment 28.09.2023:</i></p> <p><i>Certification noted. A submission via the Major Projects Planning Portal to be provided.</i></p> <p>BM+G 26.10.2023:</p> <p>Provide evidence of submission of letter to the department of planning via email correspondence.</p>	
B3	<p><u>Submission of plans</u> prepared by a NER listed structural engineer.</p> <p><i>BM+G Comments 01.08.2023:</i></p>	28.09.2023

	<p>+ <i>All submitted plans as part of structural design are to be modified to remove 'Not for Construction' text where 'For Construction' text is present on the drawing (see image below).</i></p> <table border="1" data-bbox="363 297 1251 521"> <tr> <td colspan="2">Status FOR CONSTRUCTION</td> <td rowspan="5"></td> <td colspan="2">Project No. 21171</td> </tr> <tr> <td>Drawn N. JORDAN</td> <td rowspan="4">Project North</td> <td>Sheet No. S0815</td> <td>Revision B</td> </tr> <tr> <td>Designed M. HEO</td> <td colspan="2"></td> </tr> <tr> <td>Scale AS NOTED</td> <td colspan="2"></td> </tr> <tr> <td>Approved V. GUNER</td> <td colspan="2"></td> </tr> <tr> <td>Approved Date MARCH 2023</td> <td colspan="2"></td> <td colspan="2"></td> </tr> </table> <p>NOT FOR CONSTRUCTION</p> <p>+ Submitted Plans to fill out 'Approved' and 'Approved Date' (see image below).</p> <p>+ Submitted Plans to have Plans "For Construction" See image below).</p> <table border="1" data-bbox="363 633 1251 891"> <tr> <td colspan="2">Status FOR INFORMATION</td> <td rowspan="5"></td> <td colspan="2">Project No. 21171</td> </tr> <tr> <td>Drawn R. BURKE</td> <td rowspan="4">Project North</td> <td>Sheet No. S0820</td> <td>Revision 1</td> </tr> <tr> <td>Designed T. KWON</td> <td colspan="2"></td> </tr> <tr> <td>Scale AS NOTED</td> <td colspan="2"></td> </tr> <tr> <td>Approved [Redacted]</td> <td colspan="2"></td> </tr> <tr> <td>Approved Date [Redacted]</td> <td colspan="2"></td> <td colspan="2"></td> </tr> </table> <p>NOT FOR CONSTRUCTION Construction</p>	Status FOR CONSTRUCTION			Project No. 21171		Drawn N. JORDAN	Project North	Sheet No. S0815	Revision B	Designed M. HEO			Scale AS NOTED			Approved V. GUNER			Approved Date MARCH 2023					Status FOR INFORMATION			Project No. 21171		Drawn R. BURKE	Project North	Sheet No. S0820	Revision 1	Designed T. KWON			Scale AS NOTED			Approved [Redacted]			Approved Date [Redacted]					
Status FOR CONSTRUCTION			Project No. 21171																																													
Drawn N. JORDAN	Project North		Sheet No. S0815		Revision B																																											
Designed M. HEO																																																
Scale AS NOTED																																																
Approved V. GUNER																																																
Approved Date MARCH 2023																																																
Status FOR INFORMATION			Project No. 21171																																													
Drawn R. BURKE	Project North		Sheet No. S0820	Revision 1																																												
Designed T. KWON																																																
Scale AS NOTED																																																
Approved [Redacted]																																																
Approved Date [Redacted]																																																
A19/B4	<p>+ Submission of the External Wall Disclosure statement (Pro forma attached)</p> <p>+ The same documented evidence is to be provided to the Planning Secretary within seven days after BM+G accepts it.</p>	28.09.2023																																														
B5	<p>+ Submission of evidence that consultation has occurred between the relevant owners and service providers that are likely to be affected by the development and suitable arrangements for access to, diversion, protection and support of the affected infrastructure have been consulted with.</p> <p>+ Submission of the Pre-Construction dilapidation report which identifies all public (nonresidential) infrastructure and assets in the vicinity of the site (including roads, gutters, and footpaths) that have potential to be affected.</p> <p>+ Submission of evidence that the Pre-Construction dilapidation report has been submitted to the Asset Owner and Council.</p>	01.08.2023																																														
B6	<p><u>Submission of evidence</u> that the applicant has offered a Pre-Construction survey to owners of residential or commercial properties that are likely to be impacted by the development.</p>	01.08.2023																																														
B7	<p>Note only</p> <p>Where the offer for a pre-construction survey is accepted (as required by condition B6), the Applicant must arrange for a survey to be undertaken by a suitably qualified and experienced expert prior to the commencement of vibration generating works that could impact on the identified buildings.</p>	Note only																																														
B8	<p>Submission of the following:</p> <ul style="list-style-type: none"> + <u>Evidence that the Pre-Construction Survey report has been supplied to owner</u> of each residential building surveyed. + <u>Submission of a copy</u> of the Pre-construction Survey <p>BM+G Comments 01.08.2023:</p> <ul style="list-style-type: none"> + <u>Provide confirmation in a letter head document signed and dated, that no pre-construction survey was to be provided.</u> 																																															

B9	<p>Submission of plans that note and reflect that the development incorporates ESD initiatives recommended by the ESD report (Ref 197087S01, prepared by Steensen Varming and dated 4 December 2020).</p> <p><i>BM+G Comments 10.08.2023:</i></p> <p>+ Provide plans which note the above has been implemented into the design.</p>	28.09.2023
B10	<p>Submission of certification that the project achieves compliance with section 2.5.6 of the Health Infrastructure Engineering Services Guidelines dated 6 August 2021 (including Design Guidance Note No.058) by attaining a minimum of 60 points in accordance with the ESD Evaluation Tool.</p> <p><i>BM+G Comments 10.08.2023:</i></p> <p>+ Provide certification stating compliance with section 2.5.6 of the Health Infrastructure Engineering Services Guidelines dated 6 August 2021.</p>	
B11	<p>Submission of certification that all outdoor lighting is to be installed has been designed in accordance with 1158.3.1:2005 Lighting for roads and public spaces – Pedestrian area (Category P) lighting – Performance and design requirements and AS 4282-2019 Control of the obtrusive effects of outdoor lighting.</p>	15.08.2023
B15	<p>+ Submission of the Construction Environmental Management Plans which details measures (a) – (h) of SSD item B15.</p> <p>(a) details of:</p> <p>(i) hours of work;</p> <p>(ii) 24 hour contact details of site manager;</p> <p>(iii) management of dust and odour to protect the amenity of the neighbourhood;</p> <p>(iv) groundwater management plan including measures to prevent groundwater contamination; and</p> <p>(v) external lighting in compliance with AS 4282 2019 Control of the obtrusive effects of outdoor lighting;</p> <p>(b) an unexpected finds protocol for contamination and associated communications procedure to ensure that potentially contaminated material is appropriately managed;</p> <p>(c) an unexpected finds protocol for Aboriginal and non Aboriginal heritage and associated communications procedure;</p> <p>(d) Construction Traffic and Pedestrian Management Sub Plan (see condition B16);</p> <p>(e) Construction Noise and Vibration Management Sub Plan (see condition B17); NSW Government 14 The Children’s Hospital at Westmead – PSB Department of Planning, Industry and Environment (SSD 10349252)</p> <p>(f) Construction Waste Management Sub Plan (see condition B18);</p> <p>(g) Construction Soil and Water Management Sub Plan (see condition B19); and</p> <p>(h) Flood Emergency Response (see condition B20).</p> <p>+ Submission of evidence that the Construction Environmental Management has been submitted to the Planning Secretary.</p> <p><i>BM+G Comments 01.08.2023:</i></p> <p>+ Please provide correct document reference. See below for corrections:</p> <p>— Item vi. to reference Section 5.13.</p>	28.09.2023

	<p>Item vii. to reference Section 5.12.</p> <p>Item h. to provide Attachment 10.</p> <p>CEMP to include item for Flood Emergency Response.</p> <p>+ Provide submission of evidence that the CEMP has been submitted to the Planning Secretary.</p>	
<p>B16</p>	<p>+ Submission of the Construction Traffic and pedestrian Management Sub-Plan which addresses measures (a) – (c) of SSD condition B16.</p> <p>(a) be prepared by a suitably qualified and experienced person(s);</p> <p>(b) be prepared to the satisfaction of Council’s Traffic and Transport Manager and TfNSW; And</p> <p>(c) detail:</p> <p>(i) measures to ensure road safety and network efficiency during construction in consideration of potential impacts on general traffic, cyclists and pedestrians and bus services;</p> <p>(ii) measures to ensure the safety of vehicles and pedestrians accessing adjoining properties where shared vehicle and pedestrian access occurs;</p> <p>(iii) detail the measures that are to be implemented to minimise the impact of activities associated with the construction of the development the subject of this consent on the Parramatta Light Rail (PLR) Project, in liaison with PLR’s Construction Contractor and/or Operator;</p> <p>(iv) construction and heavy vehicle routes, access and parking arrangements;</p> <p>(v) the swept path of the longest construction vehicle entering and exiting the site in association with the new work, as well as manoeuvrability through the site, in accordance with the latest version of AS 2890.2;</p> <p>(vi) arrangements to ensure that construction vehicles enter and leave the site in a forward direction unless in specific exceptional circumstances under the supervision of accredited traffic controller(s);</p> <p>(vii) details of crane arrangements including location of any crane(s) and crane movement plan; and</p> <p>(viii) detail measures to minimise cumulative construction impacts on surrounding road networks, identifying the duration of impacts;</p> <p>+ Submission of evidence that the plan has been prepared to the satisfaction of Councils Traffic and Transport Manager.</p> <p>BM+G Comments 01.08.2023:</p> <p>+ Provide evidence that the plan has been prepared to the satisfaction of Councils Traffic and Transport Manager.</p> <p>BM+G Comment 28.09.2023:</p> <p>+ Plan is to include reference to AS 2890.2 in accordance with condition (b)(v) above.</p>	
<p>B17</p>	<p>Submission of the Construction Noise and Vibration Management plan which details measure (a) – (g) of SSD condition B17.</p> <p>(a) be prepared by a suitably qualified and experienced noise expert;</p> <p>(b) describe procedures for achieving the noise management levels in EPA’s Interim Construction Noise Guideline (DECC, 2009);</p> <p>(c) describe a reasonable and feasible mitigation measures to be implemented to manage high noise generating works such as piling, in close proximity to sensitive receivers;</p> <p>(d) include strategies that have been developed with the community for managing high noise generating works;</p> <p>(e) describe the community consultation undertaken to develop the strategies in condition B17(d);</p>	<p>28.09.2023</p>

	<p>(f) include a complaints management system that would be implemented for the duration of the construction; and</p> <p>(g) include a program to monitor and report on the impacts and environmental performance of the development and the effectiveness of the implemented management measures in accordance with the requirements of condition B14.</p> <p>BM+G Comments 01.08.2023:</p> <ul style="list-style-type: none"> + Please provide correct document reference. See below for corrections. - Item b to reference Section 5. + Item g states that 'Noise monitoring may be undertaken' on Section 8.4.6. This item is not optional and therefore needs to be reworded to state that the item will be included and undertaken. 	
<p>B18</p>	<p>Submission of the Construction Waste Management Sub-plan which addressed measures (a) – (c) of SSD condition B18.</p> <p>(a) the recording of quantities, classification (for materials to be removed) and validation (for materials to remain) of each type of waste generated during construction and proposed use for materials to remain; NSW Government 15 The Children's Hospital at Westmead – PSB Department of Planning, Industry and Environment (SSD 10349252)</p> <p>(b) information regarding the recycling and disposal locations; and</p> <p>(c) confirmation of the contamination status of the development areas of the site based on the validation results.</p> <p>BM+G Comments 01.08.2023:</p> <ul style="list-style-type: none"> + Construction Waste Management Plan to include the third item regarding contamination status. 	<p>28.09.2023</p>
<p>B19</p>	<ul style="list-style-type: none"> + Submission of the Construction Soil and Water Management Sub-Plan which addresses measures (a) – (h). <p>(a) be prepared by a suitably qualified expert, in consultation with Council;</p> <p>(b) measures to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the site;</p> <p>(c) describe all erosion and sediment controls to be implemented during construction, including as a minimum, measures in accordance with the publication Managing Urban Stormwater: Soils & Construction (4th edition, Landcom 2004) commonly referred to as the 'Blue Book';</p> <p>(d) include an Acid Sulfate Soils Management Plan, if required, including measures for the management, handling, treatment and disposal of Acid Sulfate Soils, including monitoring of water quality at acid-sulfate soils treatment areas;</p> <p>(e) direct all sediment laden water in overland flow away from the leachate management system and prevent cross contamination of clean and sediment or leachate laden water.</p> <p>(f) provide a plan of how all construction works will be managed in a wet weather events (i.e. storage of equipment, stabilisation of the site);</p> <p>(g) detail all off site flows from the site; and</p> <p>(h) describe the measures that must be implemented to manage stormwater and flood flows for small and large sized events, including, but not limited to 1 in 5 year ARI and 1 in 100 year ARI.</p>	

	<p>+ <u>Submission of evidence</u> that the plan has been conducted in consultation with Council.</p> <p><i>BM+G Comment 15.08.2023:</i> <i>Highlighted items above to be addressed via the provided plan or separately via a dedicated specification.</i></p> <p><i>BM+G Comment 28.09.2023:</i> <i>Provide a response from Council.</i></p> <p><i>BM+G Comment 26.10.2023:</i> <i>Response from Council is noted however, council is required to be consulted on the matter in accordance with condition B19(a) (highlight below):</i></p> <p>B19. The Applicant must prepare a Construction Soil and Water Management Sub-Plan (CSWMSP) and the plan must address, but not be limited to the following:</p> <ul style="list-style-type: none"> (a) be prepared by a suitably qualified expert, <u>in consultation with Council</u>; (b) measures to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the site; (c) describe all erosion and sediment controls to be implemented during construction, including as a minimum, measures in accordance with the publication Managing Urban Stormwater: Soils & Construction (4th edition, Landcom 2004) commonly referred to as the 'Blue Book'; (d) include an Acid Sulfate Soils Management Plan, if required, including measures for the management, handling, treatment and disposal of Acid Sulfate Soils, including monitoring of water quality at acid sulfate soils treatment areas; (e) direct all sediment laden water in overland flow away from the leachate management system and prevent cross-contamination of clean and sediment or leachate laden water. (f) provide a plan of how all construction works will be managed in a wet-weather events (i.e. storage of equipment, stabilisation of the site); (g) detail all off-site flows from the site; and (h) describe the measures that must be implemented to manage stormwater and flood flows for small and large sized events, including, but not limited to 1 in 5-year ARI and 1 in 100-year ARI. 	
B20	<u>Submission of the Flood Emergency Response Sub-Plan</u> which addresses measures (a) – (c).	15.08.2023
B21	<u>Submission of the Driver Code of Conduct</u> which has been prepared and communicated with the heavy vehicle drivers and addresses measures (a) – (d) of SSD condition B21. (a) minimise the impacts of earthworks and construction on the local and regional road network; (b) minimise conflicts with other road users; (c) minimise road traffic noise; and (d) ensure truck drivers use specified routes.	03.08.2023
B22	<u>Submission of the details</u> that sufficient parking facilities on-site or within approved works zones for construction vehicles and machinery (including for heavy vehicles) are to be implemented to ensure that construction traffic associated with the development does not utilise public and residential street or public parking facilities.	10.08.2023
B23	<p>+ <u>Submission of a Construction Worker Transport Strategy</u> which details the provisions of sufficient parking facilities or other travel arrangements for construction workers.</p> <p>+ <u>Submission of evidence that a copy of the strategy</u> has been provided to the Planning Secretary for information.</p>	Note taken from CC1 (Ford Civil).
B24	<u>Submission of the following:</u> <ul style="list-style-type: none"> + <u>Flood warning and notification procedures</u> for construction works on site and; + <u>Evacuation and refuge protocols.</u> 	10.08.2023

B25	<ul style="list-style-type: none"> + <u>Submission of certification</u> that all habitable floor levels must be protected up to the 1 per cent Annual Exceedance Probability flood plus 500mm of freeboard or PMF, whichever is greater. + <u>Submission of drawings and details</u> which reflect the above. <p><i>BM+G Comments 09.08.2023:</i></p> <ul style="list-style-type: none"> + Provide Certification detailing the first item alongside the relevant drawings and details. 	28.09.2023
B26	<ul style="list-style-type: none"> + <u>Submission of certification</u> that any structures below the 1 per cent Annual Exceedance Probability plus 500mm of freeboard are constructed from flood compatible building components. + <u>Submission of drawings and details</u> which reflects the above. <p><i>BM+G Comments 09.08.2023:</i></p> <ul style="list-style-type: none"> + Provide Certification detailing the first item alongside the relevant drawings and details. 	28.09.2023
B27	<p><u>Prior to the installation of mechanical plant equipment</u> evidence of submission for the following:</p> <ul style="list-style-type: none"> + <u>Detailed assessment of mechanical plant and equipment</u> with compliance with the relevant project trigger noise levels as recommended in the Paediatric Services Building, The Children’s Hospital at Westmead Acoustic Report prepared by Stantec dated 30 September 2021 must be undertaken by a suitably qualified person and; + <u>Submission of certification</u> for Noise mitigation recommendations identified in the assessment carried out under (a) have been incorporated into the design to ensure the development will not exceed the recommended project trigger noise levels identified in the Paediatric Services Building, The Children’s Hospital at Westmead Acoustic Report prepared by Stantec dated 30 September 2021. <p><i>BM+G Comment 26.10.2023:</i></p> <p><i>Certification is required to refer to Acoustic report dated 30 September 2021:</i></p> <p>Building Code of Australia and relevant Australian standards. In particular, the design is in accordance with the following:</p> <ul style="list-style-type: none"> ▪ Energy efficiency in compliance with BCA/NCC Volume 1 2019 Amendment 1 Section J5 ▪ BCA/NCC Volume 1 2019 Amendment 1 Clauses F4.5 ▪ AS1668.2-2012: The use of ventilation and air conditioning in buildings (excluding carpark ventilation) ▪ AS1668.1-2015: Fire and Smoke control in multi-compartment buildings ▪ Mott Macdonald, Refurbishment at The Children’s Hospital Westmead Fire Engineering Report Issue 1; 24/05/2023. ▪ Stantec, Paediatric Services Building, The Children’s Hospital Westmead Acoustic Report, Issue 06; 15/07/2021. <p>I am appropriately qualified and competent person in the area, and such can certify that the design complies with the</p>	
B28	<p><u>Submission of a detailed landscaping plan</u> in accordance with the Amended Landscape Report, prepared by McGregor Coxall dated July 2021 to management revegetation and landscaping works on-site in accordance with measures (a) – (f).</p>	14.08.2023
B29	<p><u>Submission of the design of the operational waste storage area</u> agreed with Council (where waste removal is being undertaken by Council). Where waste is being undertaken by a third-party submission evidence that the design of the operational waste storage area is provided detailing measures (a) – (e) of SSD condition B29.</p> <p><i>BM+G Comments 09.08.2023:</i></p> <ul style="list-style-type: none"> + Provide verification if the Council or a third-party is undertaking the waste removal. + Submission to include designs that state ‘For Construction’. 	
B30	<p><u>Submission of certification and drawings</u> which details the following:</p>	

	<ul style="list-style-type: none"> + (a) a minimum of 128 on-site car parking spaces for use during operation of the development and designed in accordance with the latest versions of AS 2890.1 and AS 2890.6; and + (b) the swept path of the largest service vehicle entering and exiting the site in association with the new work, as well as manoeuvrability through the site, must be in accordance with the latest version of AS 2890.2. <p>BM+G Comments 09.08.2023:</p> <ul style="list-style-type: none"> + Submission to clearly detail the above 2 items, emphasizing compliance with the appropriate Australia Standard (AS2890.6). + Swept Path submission to include drawings/plans of maneuverability of vehicles regarding how they will exit out after entering headfirst. 	
B31	<ul style="list-style-type: none"> + Prior to the commencement of footpath and public domain works submission of evidence that Council has been consulted with in regard to the streetscape design and treatment meets the requirements of Council, including addressing pedestrian management. + Prior to the commencement of footpath and public domain works submission of plans, details and certification that the streetscape design and treatment meet the requirements of Council, including addressing pedestrian management. <p><i>BM+G Comment 28.09.2023:</i> <i>This specific item is required as part of the Stage 4 work. Provided item from Ford Civil relates to SSDA-B16 only.</i></p> <p>BM+G Comment 26.10.2023: <i>Confirmation is required from the NSW Department of Planning, Environment and Infrastructure (not Council) as the assessing office for an SSDA. Alternatively, Health Infrastructures planning team are required to make comment.</i></p>	
B32	<u>Submission of evidence that an NSW EPA-accredited Site Auditor has been engaged.</u>	10.08.2023
C25	Note only Within three months of the commencement of works the applicant must submit the design for the operational stormwater management system for the development which addresses measures (a) – (d).	Note only
C39	Note only Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the preparation of an Independent Audit.	Note only

Note:

1. The above summary does not elaborate on the requirements of all the DA Conditions and in this regard we request that the consultants ensure that they have reviewed and are familiar with all other conditions relevant to their respective disciplines. Please contact our office to discuss any of the DA Conditions if necessary.
2. All of the above DA Conditions are to be addressed before statutory expiration of the DA to ensure preservation of the operative DA Consent.
3. A Crown Certificate must be in place before ANY work begins.

+ Crown Certificate Requirements

+ Item #	+ Requirement	+ Date
Administrative		
1.	Completion and submission of the Crown Certificate Application Form . Submission of a letter requesting the issue of the Stage 4 Crown Certificate.	Levy receipt COW = \$36,045,852.00
2.	Provide evidence of payment of the Crown Certificate Application Fee (must be paid prior to the issue of any Crown Certificate). Please contact BM+G Account Department on 02 9211 7777 or email accounts@bmgplus.com.au to request an invoice prior to making payment.	
3.	Where the cost of works exceeds \$250,000, provide evidence of payment of the Long Service Levy (0.25% of the cost of works) to the Long Service Levy Corporation. The amount paid where LSL applies is the cost of works Inclusive of GST which is the amount that should be consistent with that shown on our Crown application. Payment can be made online at longservice.nsw.gov.au (Please quote the SSDA when making payment). Submission of written verification that the payment of the Long Service Levy already paid by Kane Constructions included the cost of works associated with the Pathology expansion and refurbishment.	Levy receipt COW = \$36,045,852.00
4.	Builder's details, including: Contact details Insurance Certificate Licence details	14.08.2023
Architectural		
5.	Architectural Plans relating to including: Submission of Architectural Plans relating to the Stage 4 Crown Certificate including: Site survey plan. Concrete setout plans and section through the building showing RL's of each floor level. A site plan, showing the location of the proposed building, setbacks from boundaries, levels of adjacent ground, existing buildings on the site and other site features such as easements and fire source features. Floor plans for each floor of the building, showing all building elements and detailed layouts at a suitable scale, which is to include: <ul style="list-style-type: none"> — Reduced levels and proposed finished levels — The intended use of each room — Dimensions of rooms — Dimensions of walls and structural elements — Internal and external wall construction, including details of any sound insulation, fire resistance or the like — Locations of door and window openings — Floor coverings — Reflected ceiling layout — Layouts or rooms within the building and locations of fixtures — Locations of services — Sanitary facilities for persons with a disability 	14.08.2023

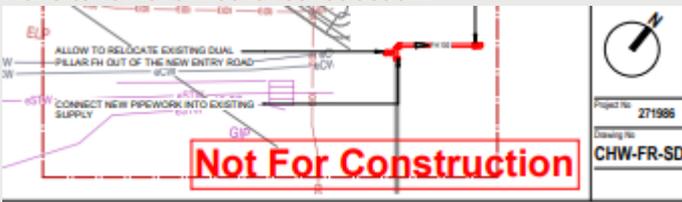
+ Item #	+ Requirement	+ Date
	<ul style="list-style-type: none"> — Provision for fire safety and fire resistance, showing which elements are fire resisting, the proposed level of fire resistance, and any fire compartmentation. Ideally plans should be colour coded differentiating all the fire resisting elements and clearly identifying fire compartmentation and bounding construction for the building. <p>Elevations of the proposed building, showing the relevant floor levels and heights, design, finishes and materials, which is to include:</p> <ul style="list-style-type: none"> — Dimensioned heights, including the overall height — Proposed external materials — Proposed finished floor and ceiling levels — Floor to floor and floor to ceiling heights — Location and sizes of window and door openings, balconies and any another external features <p>Sections of the proposed building of at least two intersecting sections showing building elements and construction methods, which is to include:</p> <ul style="list-style-type: none"> — Sections of ramps and other elements with gradients and stairways — Finished floor and ceiling levels — Floor to ceiling heights — Wall, window and door heights — Thresholds and set downs — Structural supports — Building services and equipment — All relevant and vertical and horizontal building elements and their relationship to the building 	
6.	<p>Architectural Design Statement confirming that the plans submitted for the Stage 4 Crown Certificate:</p> <ul style="list-style-type: none"> — Are consistent with the Conditions of the Development Consent and SSDA stamped Approved Plans including the External Schedule of Finishes. — Incorporate the relevant BCA requirements identified in the Building Code of Australia Report prepared by BM+G. — Incorporate the relevant Accessibility requirements identified in the Access Report prepared by BM+G. — Incorporates the requirements for Seismic Restraint of parts and components in accordance with Section 8 of AS 1170.4. — Incorporates the relevant requirements of the Fire Engineering Report. — Incorporate the relevant requirements of the Façade Weatherproofing Performance Solution Report — All external waterproofing has been designed to comply with Clause F1.4 of the BCA and AS 4654.1 2012 and AS 4654.2 2012. — All internal waterproofing has been designed to comply with Clause F1.7 of the BCA and AS 3740 2010. — All roof coverings have been designed to comply with Clause F3D2 of the BCA. — The ceiling heights throughout the building have been designed in accordance with the requirements of Clause F3.1 of the BCA. — Confirmation as to whether any primary building elements are proposed to be constructed of timber. If so, method of termite protection is to be specified. If no primary building elements are proposed to be constructed of timber, then written verification confirming such is to be submitted. 	28.09.2023

+ Item #	+ Requirement	+ Date
	<p><i>BM+G Comments 14.08.2023:</i></p> <ul style="list-style-type: none"> + Design Statement to include and state compliance with all the relevant items listed above. 	
7. —	<p>Architectural Details showing building elements and construction methods, which is to include:</p> <ul style="list-style-type: none"> — Junctions and interfaces between and within major building elements — Key areas of the building such as glass curtain wall interface with the floor slab — Penetrations and proposed protection methods — Methods of waterproofing and attaching building elements — Waterproofing details — Tanking and damp proofing details — Wall details such as for fire resistance and sound insulation — Access ramp, landing, threshold details — Structural supports — Building services and equipment 	N/A
8. —	<p>Fire / Smoke Compartment Plans including:</p> <p>Floor area of each fire and smoke compartment</p> <p>Location of fire and smoke walls</p> <p>Nominated fire ratings of fire / smoke walls</p> <ul style="list-style-type: none"> — Fire / smoke wall details 	28.09.2023
9. —	<p>Architectural / Building Works Specifications including:</p> <p>Describe the construction and the materials to be used to construct the building; and</p> <p>Describe the method of drainage, sewerage and water supply; and</p> <ul style="list-style-type: none"> — State whether the materials to be used are new or second hand and contain details of any second hand materials to be used. 	15.08.2023
Structural		
10.	<p>Structural Design Statement from an appropriately qualified Chartered Professional Structural Engineer listed on the National Engineer Register (NER). The Structural Design Statement is required to include references to the following:</p> <p>Relevant provisions of the BCA including (but not limited to):</p> <ul style="list-style-type: none"> — BCA Section B - Nominate the Importance Level (BCA cl. B1.2) - Fire resisting construction (BCA Spec. 5) <p>Relevant Australian Standards</p> <p>Relevant Conditions of the Development Consent</p> <p>Any applicable Geotechnical Report</p> <p>The Earthquake Design Category (EDC) in accordance with AS 1170.4</p> <p>Fire Safety Engineering Report (where applicable)</p> <p>Seismic Restraint in accordance with Section 8 of AS 1170.4</p> <p><i>BM+G Comments 14.08.2023:</i></p> <ul style="list-style-type: none"> + Design Statement to include and state compliance with all highlighted items listed above. <p><i>BM+G Comment 28.09.2023:</i></p>	

+ Item #	+ Requirement	+ Date
	<p><i>Certification nominates IL3 for the retail pod whereas the building (PSB) is IL4. The Importance level (IL4) associated with the building must be maintained.</i></p> <div style="border: 1px solid black; padding: 5px;"> <ul style="list-style-type: none"> · NCC (2019) Part B1 Building Code of Australia, National Construction Code and associated requirements for an Importance Level 3 structure · AS/NZS 1170.0 (2002) Structural Design Actions: General Principles · AS/NZS 1170.1 (2002) Structural Design Actions: Permanent, Imposed and other Actions · AS 3600 (2018) Concrete Structures · AS 4100 (1998) Steel Structures </div> <p>BM+G Comment 26.10.2023: <i>Certification to be signed items highlighted above still to be actioned.</i></p>	
11.—	A Statement from the Structural Engineer that verifies that the proposed Structural Design complies with the Deemed to Satisfy provisions of the BCA and contains no non-compliances that will result in a Performance Solution.	03.08.2023
Façade		
12.—	<p>Submission of a Façade Design Statement from an appropriately qualified Façade Engineer listed on the National Engineer Register (NER). The Structural Design Statement is required to include references to the following:</p> <p>Relevant provisions of the BCA including (but not limited to):</p> <ul style="list-style-type: none"> — BCA Section B — Fire resisting construction (BCA Spec. C1.1. <p>Relevant Australian Standards Relevant Conditions of the Development Consent Fire Safety Engineering Report (where applicable) Seismic Restraint in accordance with Section 8 of AS 1170.4 (as appropriate)</p>	28.09.2023
13.	<p>Performance Based Design Brief as required by BCA clause A2.2(4)</p> <p>BM+G Comment 28.09.2023: <i>Specific performance solution to be provided. This may be prepared by the architect.</i></p>	
14.	<p>Performance Solution Report and associated documents (Test Reports, Codemark Certification or other suitable evidence) to demonstrate that external walls (including openings around windows and doors) comply with the weatherproofing requirements of Performance Requirement FP1.4.</p> <p>The Performance Solution Report is required to be prepared to address new external walls and roof.</p> <p>BM+G Comment 28.09.2023: <i>Specific performance solution to be provided. This may be prepared by the architect.</i></p>	
15.—	External Wall Systems Disclosure Statement for external walls required to be non-combustible [for Type A & B Construction].	28.09.2023
Stormwater/Civil		
16.—	Stormwater / Civil Design Statement prepared by an appropriately qualified NER listed Civil Engineer. The Stormwater / Civil Design Statement is required to include references to the following:	28.09.2023

+ Item #	+ Requirement	+ Date
	<p>Relevant provisions of the BCA</p> <p>Relevant Australian Standards</p> <p>Relevant Conditions of the Development Consent</p> <p>Relevant Council Policies</p> <p>BM+G Comments 14.08.2023:</p> <p>+ Design Statement to include the relevant BCA Part B Clauses.</p>	
17.—	<p>Plans and Specifications for the Civil / Stormwater design.</p> <p>Note: cl. 114 of the EP&A (DC&FS) Regulation requires specifications describing the method of drainage, sewerage and water supply.</p> <p>BM+G Comments 14.08.2023:</p> <p>+ Submitted Plans to state 'For Construction' in lieu of 'For Construction Design'.</p>	28.09.2023
18.—	<p>Statement from the Civil / Stormwater Design Consultant that verifies the proposed Civil / Stormwater design complies with the Deemed to Satisfy provisions of the BCA and contains no non-compliances that will result in a Performance Solution.</p> <p>BM+G Comments 14.08.2023:</p> <p>+ Design Statement to state verification for the above.</p>	28.09.2023
Electrical		
19.—	<p>Electrical Design Statement from an appropriately qualified Electrical Services Design Consultant certifying that the electrical design complies with:</p> <p>The relevant provisions of the BCA</p> <p>Relevant Australian Standards</p> <p>Relevant conditions of the Development Consent</p> <p>Fire Safety Engineering Report [details to be provided including Author, Report No. Revision and Date].</p> <p>BCA Section J and / or any relevant Section J or JV3 Report [details to be provided including Author, Report No. Revision and Date].</p> <p>Seismic Restraint in accordance with Section 8 of AS 1170.4</p> <p>BM+G Comments 14.08.2023:</p> <p>+ Design Statement to state 'Environmental Planning and Assessment Act.</p> <p>+ Correct reference for AS 1170.4:2017 to AS 1170.4:2007.</p>	28.09.2023
20.—	<p>Statement from the Electrical Design Consultant that verifies the proposed Electrical design complies with the Deemed to Satisfy provisions of the BCA and contains no non-compliances that will result in a Performance Solution.</p> <p>BM+G Comments 14.08.2023:</p> <p>+ Design Statement to state verification for the above.</p>	28.09.2023
Mechanical		
21.—	<p>Mechanical Design statement from an appropriately qualified Mechanical Services Design Consultant certifying that the mechanical design complies with:</p> <p>Relevant provisions of the BCA</p> <p>Relevant Australian Standards</p> <p>Fire Safety Engineering Report [details to be provided including Author, Report No. Revision and Date].</p>	26.10.2023

+ Item #	+ Requirement	+ Date
	<p>BCA Section J and/or any relevant Section J or JV3 Report [details to be provided including Author, Report No. Revision and Date].</p> <p>Relevant Conditions of the Development Consent [specific conditions to be listed on the Design Statement]</p> <p>Seismic Restraint in accordance with Section 8 of AS 1170.4</p>	
22. —	<p>Statement from the Mechanical Design Consultant that verifies the proposed Mechanical design complies with the Deemed to Satisfy provisions of the BCA and contains no non-compliances that will result in a Performance Solution.</p>	26.10.2023
Hydraulic		
23. —	<p>Hydraulic Design statement from an appropriately qualified Hydraulic Services Design Consultant certifying that the hydraulic design complies with:</p> <p>The relevant provisions of the BCA [list]</p> <p>Volume 3 of the NCC (Plumbing Code)</p> <p>Relevant Australian Standards [list]</p> <p>Relevant Conditions of the Development Consent [specific conditions to be listed on the Design Statement]</p> <p>Fire Safety Engineering Report [details to be provided including Author, Report No. Revision and Date].</p> <p>BCA Section J and/or any relevant Section J or JV3 Report</p> <p>Seismic Restraint in accordance with Section 8 of AS 1170.4</p> <p>Pro forma attached for consultant use.</p> <p>BM+G Comments 14.08.2023:</p> <p>+ Design Statement to include and state compliance with all the relevant items listed above e.g., BCA Clauses, Volume 3, AS 1170.4 – 2007, FER.</p> <p>BM+G Comments 28.09.2023:</p> <p>+ Reference to AS 1170.4 – 2007 (Section 8) to be referenced unless specific confirmation is provided confirming that the concessions of section 8 (see below) are present:</p> <div data-bbox="464 1406 1145 1787" style="border: 1px solid black; padding: 5px;"> <p>(xviii) Supports for ducts, cabling and piping distribution systems, except individually supported services, in the following situations:</p> <ul style="list-style-type: none"> (A) In structures classified as being in EDC I. (B) For gas piping less than 25 mm inside diameter. (C) For piping in boiler and mechanical rooms less than 32 mm inside diameter. (D) For all other piping less than 64 mm inside diameter. (E) For all electrical conduit less than 64 mm inside diameter. (F) For all rectangular air-handling ducts less than 0.4 m² in cross-sectional area. (G) For all round air-handling ducts less than 700 mm in diameter. (H) For all ducts and piping suspended by individual hangers 300 mm or less in length. <p>+ All other components similar to those listed in Items (a) and (b).</p> </div>	26.10.2023
24.	<p>Building Plan Approval issued by Sydney Water.</p> <p>Details for obtaining this approval can be found at Sydney Water TapIn™ website:</p> <p>sydneywater.com.au/tapin/index.htm</p>	
25. —	<p>Hydraulic Design Consultant that verifies the proposed Hydraulic design complies with the Deemed to Satisfy provisions of the BCA and contains no non-compliances that will result in a Performance Solution.</p>	28.09.2023

+ Item #	+ Requirement	+ Date
	<p><i>BM+G Comments 14.08.2023:</i></p> <p>+ Design Statement to state verification for the above.</p>	
Fire Services		
26.	<p>Fire Services Plans that that list the applicable BCA Clause/s, applicable Australian Standards (including standard year) and any applicable Fire Engineering Report, and:</p> <p>in the case of building work involving the installation of the relevant fire safety system — detail the layout, extent, and location of key components of the relevant fire safety system, or</p> <p>in the case of building work involving the modification or extension of the relevant fire safety system — detail the layout, extent, and location of any new or modified components of the relevant fire safety system.</p> <p><i>A Relevant Fire Safety System means any of the following:</i></p> <p>(a) <i>a hydraulic fire safety system comprising a fire hydrant system, or a fire hose reel system, or a sprinkler system (including a wall-wetting sprinkler or drencher system), or any type of automatic fire suppression system of a hydraulic nature.</i></p> <p>(b) <i>a fire detection and alarm system.</i></p> <p>(c) <i>a mechanical ducted smoke control system.</i></p> <p><i>BM+G Comments 14.08.2023:</i></p> <p>+ System plans for hydraulic, detection and mechanical ducted smoke control in accordance with section 22 of the EPA (DC&FS) Reg 2021 to be provided in lieu of design certification.</p> <p><i>BM+G Comment 28.09.2023:</i></p> <p>+ Sprinkler plans to be submitted.</p> <p>+ Plans to remove 'not for construction.'</p>  <p>+ </p>	
27.—	<p>Fire Services Specifications that:</p> <p>Describe the basis for design, installation and construction of the relevant fire safety system, and</p> <p>Identify the provisions of the Building Code of Australia and referenced Australian Standards upon which the design of the system is based.</p> <p><i>BM+G Comment 15.08.2023:</i></p> <p>Dedicated specifications of all relevant fire safety systems is to be provided.</p>	28.09.2023
28.—	<p>Design Endorsement Certificate from a FPAS Accredited Practitioner (FSD)* certifying that the Fire Services Design complies with:</p> <p>The relevant provisions of the BCA</p> <p>Relevant Australian Standards</p> <p>Fire Safety Engineering Report <i>[details to be provided including Author, Report No. Revision and Date]</i>.</p> <p><i>BM+G Comments 14.08.2023:</i></p> <p>+ Submission needs to be a Design Endorsement Certificate in lieu of a Hydraulic Design Statement. Furthermore, the endorsement certificate is to include and state compliance with all the relevant items above and certified by a FPAS accredited practitioner.</p>	28.09.2023

+ Item #	+ Requirement	+ Date
29.	<p>Fire hydrant coverage plans detailing the following:</p> <ul style="list-style-type: none"> Fire Hydrant Booster Location Fire pump location Street Hydrants (if relying upon street hydrant for coverage) External and internal fire hydrant locations <p>Hose layout plans showing how coverage is achieved throughout the building / tenancy.</p> <p><i>BM+G Comments 14.08.2023:</i></p> <p>+ Submitted Plans to state 'For Construction' in lieu of 'For Approval'.</p> <p><i>BM+G Comments 28.09.2023:</i></p> <p>Submitted Plans to state 'For Construction' in lieu of 'not for construction' and hydrant coverage to be shown.</p>	
30.	<p>Fire hose coverage plans showing the following:</p> <ul style="list-style-type: none"> Fire Hose Reel Locations <p>Hose layout plans showing how coverage is achieved throughout the building / tenancy.</p> <p>Where fire compartmentation is proposed, the above details are to be overlaid upon fire compartment plans in order to verify whether a fire hose is being proposed to pass through a fire or smoke door to provide coverage.</p> <p><i>BM+G Comments 28.09.2023:</i></p> <p>Submitted Plans to state 'For Construction' in lieu of 'not for construction' and hydrant coverage to be shown.</p>	
31.	<p>Review and execute the attached fire safety schedule pro forma.</p> <p>Note 1: <i>It is prudent to circulate the pro forma to relevant contractors/consultants to confirm the measures listed is consistent with the measures proposed as part of their scope of works.</i></p> <p>Note 2: <i>Fire safety measures which are incorrectly listed or omitted may create an inconsistency with the Crown Certificate & Completion Certificate schedules necessitating an Amended Crown Certificate.</i></p>	
32.	<p>Details of the proposed fire alarm communication link:</p> <ul style="list-style-type: none"> A plan that indicates the location of the new fire alarm communication link and associated works A document that describes the design, construction and mode of operation of the new fire alarm communication link and associated works. <p><i>BM+G Comments 14.08.2023:</i></p> <p>+ Submitted Plans to state, 'For Construction' in lieu of 'For Approval'.</p>	28.09.2023
Fire Safety Engineering		
33.	<p>Where an early works or staged Crown Certificate is required and the building will be subject to a Fire Safety Engineering Report, provide a statement from the appointed Fire Safety Engineer confirming that there are no requirements of the proposed Performance Solution Report applicable to the works that will be approved under Staged Crown Certificates i.e., Crown 1 / Crown 2 / Crown 3.</p>	BM+G Note: Refer to CC issued for Roberts.
34.	<p>Performance Based Design Brief (PBDB) / Fire Engineering Brief Questionnaire (FEBQ) as required by BCA clause A2.2(4).</p>	BM+G Note: Refer to CC issued for Roberts.
35.	<p>Fire Engineering Performance Solution Report prepared by the Fire Safety Engineer (Certifier Fire Safety).</p>	BM+G Note: Refer to CC

+ Item #	+ Requirement	+ Date
		issued for Roberts.
36.	<p>Section 27 Initial Fire Safety Report (IFSR) issued by FRNSW (application to be lodged by BM+G where applicable).</p> <p>The following documentation (in electronic format) will be required to accompany the application for IFSR:</p> <p>FEBQ formatted as per the standard FEBQ form and Fire Engineering Report Letter from Fire Engineer confirming that the FER is consistent with the FEBQ Fire services plans (including schematic diagrams and draft block plans of any hydrant and sprinkler systems)</p>	BM+G Note: Refer to CC issued for Roberts.
37.	Where the CC is to be issued following 28 days from date of FRNSW receipt of the application for Initial Fire Safety Report with FRNSW, and comment has not been received from FRNSW, BM+G will require a Peer Review of the Fire Engineering Performance Solution Report from an independent Certifier Fire Safety / Engineer.	BM+G Note: Refer to CC issued for Roberts.
38.	Where the CC has been issued following 28 days from date of FRNSW receipt of the application for Initial Fire Safety Report with FRNSW, and comment has not been received from FRNSW, the Certifying Authority is to notify FRNSW that the Crown Certificate has been issued. (BM+G to action)	BM+G Note: Refer to CC issued for Roberts.
39.	A statement from the applicant confirming that they have received, reviewed and accept the Fire Safety Engineering Report.	BM+G Note: Refer to CC issued for Roberts.
Access for People with Disabilities		
40.	<p>Access Report relating to access for a person with a disability prepared by the Access Consultant.</p> <p>The report is to address compliance with the BCA and the Disability (Access to Premises – Buildings) Standards.</p>	BM+G to action
41.	Where Performance Solutions are proposed, a copy of the Performance Based Design Brief as required by BCA clause A2G2(4).	BM+G to action
42.	Performance Solution Report addressing any non-compliances with the BCA DTS provisions relating to access for a person with a disability.	BM+G to action
43.	<p>Design Statement confirming that the proposed Hearing Augmentation System satisfies the requirements of BCA Clause D3.7.</p> <p>The Design Statement is to verify where the systems are and what types of systems are proposed.</p>	BM+G to action
Energy Efficiency		
44.	<p>Section J Compliance Report with respect to BCA Parts J1 & J3 including ABCB Glazing Calculator for new external glazing, and any JV3 Verification Report.</p> <p><i>Note: Where a Performance Solution is proposed in this regard (e.g., JV3) a copy of the Performance Based Design Brief is also required, as per BCA clause A2.2(4).</i></p> <p>BM+G Comments 14.08.2023:</p> <p>+ The provided report has been prepared for the class 7a carpark.</p> <p>Aspire Sustainability Consulting has been engaged by Kane Constructions Pty Ltd. to assess the Class 7a development at Corner Hawkesbury Road and Hainsworth Street, Westmead NSW 2145, against Section J Verification Method JV3 of the 2019 National Construction Code (NCC) Volume 1 Amendment 1. This advice covers Section J Parts J1-J3. J Parts J5-J8 must be achieved in design by relevant services disciplines for the whole development.</p>	26.10.2023

+ Item #	+ Requirement	+ Date
	<p>+ The JV3 assessment is required to be provided in a performance solution form as determined by A2.2 of the BCA and include reference to how the performance solution is being prepared:</p> <p>A2.2 Performance Solution</p> <p>(1) A Performance Solution is achieved by demonstrating—</p> <p>(a) compliance with all relevant Performance Requirements; or</p> <p>(b) the solution is at least equivalent to the Deemed-to-Satisfy Provisions.</p> <p>(2) A Performance Solution must be shown to comply with the relevant Performance Requirements through one or a combination of the following Assessment Methods:</p> <p>(a) Evidence of suitability in accordance with Part A5 that shows the use of a material, product, plumbing and drainage product, form of construction or design meets the relevant Performance Requirements.</p> <p>(b) A Verification Method including the following:</p> <p>(i) The Verification Methods provided in the NCC.</p> <p>(ii) Other Verification Methods, accepted by the appropriate authority that show compliance with the relevant Performance Requirements.</p> <p>(c) Expert Judgement.</p> <p>(d) Comparison with the Deemed-to-Satisfy Provisions.</p> <p>(3) Where a Performance Requirement is satisfied entirely by a Performance Solution, in order to comply with (1) the following method must be used to determine the Performance Requirement or Performance Requirements relevant to the Performance Solution:</p> <p>(a) Identify the relevant Performance Requirements from the Section or Part to which the Performance Solution applies.</p> <p>(b) Identify Performance Requirements from other Sections or Parts that are relevant to any aspects of the Performance Solution proposed or that are affected by the application of the Performance Solution.</p> <p>(4) Where a Performance Requirement is proposed to be satisfied by a Performance Solution, the following steps must be undertaken:</p> <p>(a) Prepare a performance-based design brief in consultation with relevant stakeholders.</p> <p>(b) Carry out analysis, using one or more of the Assessment Methods listed in (2), as proposed by the performance-based design brief.</p> <p>(c) Evaluate results from (b) against the acceptance criteria in the performance-based design brief.</p> <p>(d) Prepare a final report that includes—</p> <p>(i) all Performance Requirements and/or Deemed-to-Satisfy Provisions identified through A2.2(3) or A2.4(3) as applicable; and</p> <p>(ii) identification of all Assessment Methods used; and</p> <p>(iii) details of steps (a) to (c); and</p> <p>(iv) confirmation that the Performance Requirement has been met; and</p> <p>(v) details of conditions or limitations, if any exist, regarding the Performance Solution.</p> <p>Note:</p> <p>A2.2(4) does not take effect until 1 July 2021.</p>	
Landscaping		
45.—	<p>Landscaping Design Statement confirming that the plans submitted for Crown Certificate:</p> <p>Are consistent with the Conditions of Development Consent and SSDA stamped approved plans.</p> <p>Incorporate the relevant BCA requirements identified in the BCA Report [details to be provided including Author, Report No. Revision and Date].</p> <p>Incorporate the relevant Accessibility requirements identified in the Access Report prepared by the Access Consultant [details to be provided including Author, Report No. Revision and Date].</p>	15.08.2023
Acoustic		
46.—	<p>Design statement confirming all requirements / recommendations of the Acoustic Report have been incorporated into the Architectural Drawings which have been submitted with the Crown Certificate Application.</p> <p>BM+G Comments 14.08.2023:</p> <p>+ Dedicated design statement from the acoustic engineer or the architect to be provided confirm that the acoustic report requirements have been implemented into the for construction plans.</p>	28.09.2023

+ Item #	+ Requirement	+ Date						
Slip Resistance								
47.	<p>Schedule of all unique floor finishes throughout the building along with the proposed slip resistance that has been specified. Refer to example below of schedule to be submitted:</p> <p><i>Insert Table of all Unique Locations / Floor Finishes</i></p> <table border="1"> <thead> <tr> <th>Location of Floor Finish</th> <th>Minimum Slip Resistance Specific</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table> <p><i>BM+G Comments 14.08.2023:</i></p> <p>+ Submission to include a schedule detailing the location of the floor finishes for both products.</p>	Location of Floor Finish	Minimum Slip Resistance Specific					28.09.2023
Location of Floor Finish	Minimum Slip Resistance Specific							

We trust the above information has been of assistance in the co-ordination of documentation required to be submitted to our office prior to the issue of the Crown Certificate(s).

If you have any questions regarding any of the above or would like to discuss any matter in further detail, please do not hesitate to contact me on 02 9211 7777 or by email james@bplusg.com.au

Regards,

James McNeill
Building Surveyor

BM+G

Attachments

- + Crown Application Form
- + Design Statement Pro forma