

## BCA COMPLETION STATEMENT

Building Code of Australia (BCA) 2016 Amendment One.

Project Reference No. GDL190178

### 1. APPLICANT DETAILS

Name Hansen Yuncken Pty Ltd

Address Sydney Corporate Park Building 1, Level 3, 75-85 O'Riordan Street, Alexandria NSW 2015

Contact  
Tel: -

Mobile: -

Email: -

### 2. DETAILS OF THE BUILDING

Address SINSW -East Leppington Public School, Commissioners Drive, Denham Court NSW 2565

Description of the building  
(whole or part) New Public School (whole buildings A-D & E)

BCA Classification 9b - Educational Establishment

### 3. INFORMATION ATTACHED TO THIS DECISION

- ☒ Schedule "A" – Information relied upon in certificate determination  
☒ Limitations / Exclusions

### 4. STATEMENT OF COMPLIANCE

I hereby confirm that:

- ☒ Based upon visual inspection, and reliance upon the submitted documentation it is our opinion the new works subject of this assessment have been satisfactorily completed in accordance with the Building Code of Australia 2019.

Certificate No: GDL190178

Date of this Certificate: 01/07/2021

Name: Brett Clabburn, NSW Fair Trading; BDC0064

Signature:



Address: Suite 7.02, Level 7, 10 Bridge Street, Sydney NSW 2000

Contact Tel: 02 8355 3160

## COMPLETION CERTIFICATE (continued)

**Certificate No. GDL190178**

### 5. DESIGN DOCUMENTATION

The Documentation and Architectural plans as listed in the BCA Design Statement issued by Group DLA for this project has been relied upon as part of the BCA assessment at the Design stage, and reliance upon this information continues for the issue of this BCA completion statement.

### 6. SCHEDULE A – INFORMATION RELIED UPON IN STATEMENT DETERMINATION

- Letter of Compliance - Fire Safety Requirements (152B of EP&A Regs) for Occupation Certificate issued by Mark McDaid of MCD Fire Engineering 25/06/2021
- Installation Certificate for Failsafe Electric Door Striker C Block issued by Joe Mackin of ET Security and Fire Pty Ltd, dated 02/03/2021
- Installation Certificate for Automatic Fire Detection and Alarm System issued by Joe Mackin of ET Security and Fire Pty Ltd, dated 04/06/2021
- Installation Certificate for Emergency Lighting and Exit Signs issued by Shaun Bradwell of Bradwell Electrics Pty Ltd, dated 27/05/2021
- Installation Certificate for Electrical Works, Emergency Lighting and Exit Signs issued by Kieran Murtagh of Alland Group, dated 04/06/2021
- Installation Certificate for Fire Hydrant Systems issued by Mohamed El Said of Moeco Plumbing Services Pty Ltd, dated 10/06/2021
- Installation Certificate for Penetrations to Blocs A, B, E & D through walls and ceilings issued by Roger Bulloch of Advocate Industrial Pty Ltd, dated 10/06/2021
- Installation Certificate for Blocks B, C & D Electrical and Mechanical Penetrations through walls, floor and ceilings issued by Nicholas Prested of Bradwell Electrics Pty Ltd, dated 02/06/2021
- Installation Certificate for Fire Rated Doors issued by Goran Skular of MMZ Projects Group, dated 25/05/2021
- Installation Certificate for Blocks B, C & D Electrical Penetrations through walls, floor and ceilings issued by Nicholas Prested of Bradwell Electrics Pty Ltd, dated 02/06/2021
- Fire Certificate for Fire Doors issued by Mitch Black of Spartan Doors, dated 03/05/2021
- Installation Certificate for Blocks A, Lower Block D, E & F Hydraulic Penetrations issued by Mohamed El Said of Moeco Plumbing Services Pty Ltd, dated 02/06/2021
- Inspection Test Plans for Fire Stopping / Penetrations, Revision 01 issued by Moeco Plumbing Services Pty Ltd, dated 31/03/2021
- Installation Certificate for Blocks A, E & F Electrical and Mechanical Penetrations through walls, floor and ceilings issued by Danny Canal of New Edge Group, dated 23/06/2021
- Installation Certificate for Fire Rated Doors and Access Panels issued by Nikola Vujovic of Atlantic Interior Designs Pty Ltd, dated 10/05/2021
- Installation Certificate for Lightweight Partitions & Ceilings issued by Nikola Vujovic of Atlantic Interior Designs Pty Ltd, dated 10/05/2021
- Installation Certificate for Lightweight Partitions & Ceilings issued by Jun Shi of Jun projects Group Pty Ltd, dated 09/06/2021
- Installation Certificate for Supply of Mechanical Ventilation, Air-Conditioning, including ductwork and fire penetrations to Buildings named Block B, Block C & Block D, issued by Danny Canal of New Edge Group, dated 03/06/2021
- Installation Certificate for Supply of Mechanical Ventilation, Air-Conditioning, including ductwork and fire penetrations to Buildings named Block B, Block C & Block D, issued by Shaun Bradwell of Bradwell Electrics Pty Ltd, dated 31/05/2021

## COMPLETION CERTIFICATE (continued)

**Certificate No. GDL190178**

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- Installation Certificate for Supply of Mechanical Services to Buildings named Block D (Ground Floor and level 1), Block C and Block B issued by Shaun Bradwell of Bradwell Electrics Pty Ltd, dated 31/05/2021
- Installation Certificate for Supply of M Mechanical Services to Buildings named Block A, Block D (Lower Ground Floor only), Block E & Block F, issued by Danny Canal of New Edge Group, dated 03/06/2021
- Installation Certificate for Portable Fire Extinguishers issued by Jason Andrews of Fire Flow Solutions Pty Ltd, 09/06/2021
- Structural Certification for Package 2 issued by Zac Casimatis of Hansen Yuncken, dated 28/06/2021
- Main Contractor Statement issued by Zac Casimatis of Hansen Yuncken, dated 18/06/2021
- Installation Certificate for Waterproofing Membrane to wet areas issued by Jun Shi of Jun projects Group Pty Ltd, dated 23/05/2021
- Installation Certificate for Installation of waterproofing membrane to wet areas in Buildings named Block A, Block D (Lower Ground Floor Only), Block E & Block F, issued by Awad Al Nsirat of Prestige Tiling Australia, dated 02/03/2021
- Certificate of Compliance for Wall Foam Fill issued by James Thomas Cookson of Easy Insulation, dated 26/03/2021
- Certificate of Compliance for Food Premises Construction issued by Andrew J. Frost of Cini Little, dated 09/06/2021
- Report for Wall Foam Fill issued by Easy Insulation
- Installation Certificate for All External Lighting, Blocks A, E F and Lower D issued by Kieran Mirtagh of Alland Group, dated 04/06/2021
- Installation Certificate for Artificial Lighting (Blocks B, C & D) issued by Shaun Bradwell of Bradwell Electrics Pty Ltd, dated 27/05/2021
- Installation Certificate for Electrical Works, Emergency Lighting and Exit Signs (Blocks F, A, E and Lower D) issued by Kieran Mirtagh of Alland Group, dated 04/06/2021
- Installation Certificate for Emergency Lighting and Exit Signs issued by Shaun Bradwell of Bradwell Electrics Pty Ltd, dated 27/05/2021
- Installation Certificate for Glazing – Windows and Doors for Buildings B, C & D issued by James Qu of Crown Windows Pty Ltd, dated 01/06/2021
- Installation Certificate for Glazing – Windows and Doors for Buildings A & E issued by Paul Borg of Supplied Holdings Pty Ltd, dated 04/03/2021
- Installation Certificate for Balustrades issued by Nikola Vujovic of Atlantic Interior Designs Pty Ltd, dated 18/06/2021
- Installation Certificate for Balustrades and handrails issued by Rod Hogger of Coastwide Steel & Metal Work, dated 18/06/2021
- Installation Certificate for SCR01, PMS, Acoustic Louvre, Plant Room Louvre and Sunhood issued by Azhaar M. Nasir of Safe Australia (SafeOz) Engineers, dated 22/06/2021
- Structural Design Compliance of Steel Screen Framing and Steel Balustrades issued by Jonathan Low of Northrop Consulting Engineers Pty Ltd, dated 18/06/2021
- Installation Certificate for Internal Plumbing and Drainage issued by Grant Ryan of Grant Ryan Plumbing, dated 31/05/2021
- Installation Certificate for Internal Plumbing and Drainage (Blocks A, Lower D, E & F) issued by Mohamed El Said of Moeco Plumbing Services Pty Ltd, dated 02/06/2021
- Installation Certificate for Rainwater & External Plumbing and Drainage issued by Mohamed El Said of Moeco Plumbing Services Pty Ltd, dated 02/06/2021
- Installation Certificate for Stormwater System installation issued by James Park of Rainbow Group Pty Ltd, dated 16/06/2021
- Installation Certificate for External Walls (Blocks A, D Lower GF, E & F) issued by Nikola Vujovic of Atlantic Interior Designs Pty Ltd, dated 12/05/2021

## COMPLETION CERTIFICATE (continued)

**Certificate No. GDL190178**

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- Installation Certificate for External Walls (Blocks B, C & D) issued by Jun Shi of Jun projects Group Pty Ltd, dated 09/06/2021
- Installation Certificate for Waterproofing inc. Metal Roofing – Blocks A, E & F and External Wall Cladding to Blocks E & F issued by David Hanson of Axis Metal Roofing Pty Ltd, dated 18/05/2021
- Installation Certificate for External Wall Cladding to Blocks A and lower D issued by Nikola Vujovic of Atlantic Interior Designs Pty Ltd, dated 10/05/2021
- Installation Certificate for Waterproofing inc. Metal Roofing – Blocks A, E & F and External Wall Cladding to Blocks E & F issued by David Hanson of Axis Metal Roofing Pty Ltd, dated 18/05/2021
- Installation Certificate for Blocks B & C Pop Out Window Roofing issued by Kylie Atkins of CK Roofing Solutions Pty Ltd, dated 27/05/2021
- Installation Certificate for Internal Linings to Blocks A and lower D, Block E & F issued by Nikola Vujovic of Atlantic Interior Designs Pty Ltd, dated 10/05/2021
- Installation Certificate for Installation of the following materials to relevant areas in Buildings named Block A, Block D (Lower Ground Floor, Block E - Carpet Tiles/ Resilient Flooring issued by Corey Bull of Future Floors NSW Pty Ltd, dated 08/06/2021
- Installation Certificate for Installation of the Timber Flooring & Stairs in Block A & E issued by Troy Marquat of Shoreline Carpentry & Joinery Pty Ltd, dated 08/06/2021
- Installation Certificate for Lightweight Partitions & Ceilings issued by Jun Shi of Jun projects Group Pty Ltd, dated 09/06/2021
- Statement regarding Construction Dilapidation Report issued by Zac Casimatis of Hansen Yuncken, dated 29/06/2021
- Condition D4 –Works as Executed Plans (combined)
- Statement of Compliance for Mechanical Ventilation issued by Shaun Bradwell of Bradwell Electrics Pty Ltd, dated 08/06/2021
- Certificate of Compliance for Mechanical Systems issued by Danny Canal of New Edge Group, dated 05/01/2021
- Statement of Compliance for Acoustics issued by Isabella Adlington of Northrop Consulting Engineers Pty Ltd, dated 15/04/2021
- Installation Certificate for Warm Water Plumbing issued by Mohamed El Said of Moeco Plumbing Services Pty Ltd, dated 24/06/2021
- Letter of Compliance with SSD Condition D10 compliance with Food Code issued by Zac Casimatis of Hansen Yuncken, dated 22/06/2021
- Completion Certificate for Outdoor Lighting issued by Kieran Murtagh of Alland Group, dated 24/06/2021
- Post Construction Dilapidation Report No. SC126, Job No. 21134 issued by Project Solutions, dated 28/06/2021
- Design Certificate for Bicycle Parking and End of Trip Facilities issued by Sam Rigoli of Pedavoli Architects, dated 27/04/2021
- Section 73 Subdivider/Developer Compliance Certificate Case No. 180911 issued by Sydney Water, dated 13/05/2021
- WSUD Maintenance Schedule No. 190518, Revision A issued by Northrop, dated 22/04/2021
- Letter referencing Stormwater Management Plan issue by Zac Casimatis of Hansen Yuncken, dated 22/06/2021
- Emergency Management Plan, Version 01 issued by NSW Department of Education, dated November 2020
- Emergency Response Plan (ERM) Report No. 113377-ERP-R1 issued by SGA Fire, dated 27/05/2021
- Letter of Compliance for SSD Condition D32 issued by Himanshu Gupta of SGA Fire, dated 30/06/2021
- Letter of Compliance for Item 27 – External Wall Material and associated Test Reports issued by Zac Casimatis of Hansen Yuncken, dated 30/06/2021
- Letter of Compliance for Item 30 – Internal Linings and associated Test Reports issued by Zac Casimatis of Hansen Yuncken, dated 30/06/2021

## COMPLETION CERTIFICATE (continued)

**Certificate No. GDL190178**

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- Operational Waste Management Plan issued by EcCell
- Structural Design Statement Regarding Block E Ceiling Fan Support issued by Jonathan Low of Northrop, dated 07/06/2021
- Installation Certificate for Lift 1 issued by Geoffrey Devitt of Schindler Lifts Australia Pty Ltd, dated 16/06/2021
- Letter of Compliance for Condition D2.13 issued by Zac Casimatis of Hansen Yuncken, dated 01/07/2021
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## 7. LIMITATIONS / EXCLUSIONS

- Compliance with the Disability Discrimination Act (DDA); Disability (Access to Premises – Buildings) Standards 2010.
- Testing or Commissioning of any fire or related services. Refer to relevant certification of compliance issued for any measures altered, modified or installed as part of these works.
- This statement is issued for those elements not the subject of design or installation certification issued and listed in the statement
- Our assessment is limited to a visual inspection of accessible areas only and does not include review of any concealed spaces or the level of compliance of any elements of the base building unaffected by the subject scope of works.
- This statement excludes any Development Consent requirements or associated conditions of any planning requirements for these works, and relates to confirmation of BCA compliance only subject to the above exclusions/limitations.

## COMPLETION CERTIFICATE (continued)

Certificate No. **GDL190178**

### 8. FIRE SAFETY SCHEDULE

#### Building A-D

Fire Safety Measures	Standard	BCA Clause(s)	New Fire Safety Measures
Access panels, doors & hoppers to fire resisting shafts	AS 1530.4 – 2014	C3.13	✓
Automatic fail-safe devices	--	C3.8, D2.21, Spec C3.4	✓
Automatic fire detection & alarm systems (associated to automatic shut-down system)	AS 1670.1 – 2015 AS 1668.1 – 2015	Spec E2.2b	✓
Emergency lighting	AS 2293.1 – 2005	E4.2, E4.4	✓
Exit signs	AS 2293.1 – 2005	E4.5, NSW E4.6 & E4.8, EP4.2	✓
Fire dampers	AS 1668.1 – 2015	Spec E2.2a	✓
Fire doors	AS 1905.1 – 2015	Spec C3.4, C3.10	✓
Fire hydrant systems	AS 2419.1 – 2005	E1.3, EP1.3	✓
Fire seals (protecting openings in fire resisting components of the building)	AS 4072.1 – 2005 AS 1530.4 – 2014	C3.12, C3.13, C3.15	✓
Lightweight construction	--	C1.8, Spec C1.8, CP1, CP2	✓
Mechanical air handling systems <ul style="list-style-type: none"> <li>Auto shutdown</li> </ul>	AS 1668.1 – 2015 AS 1668.2 – 2012	E2.2, Spec E2.2a, Spec E2.2b	✓
Portable fire extinguishers & fire blankets	AS 2444 – 2001	E1.6	✓
Paths of Travel	--	D1.6	✓
<p>Fire Engineering Performance Solutions prepared by MCD Fire Engineering.</p> <p>Rev: FER4.0, date: 10/06/2021. ;</p> <ol style="list-style-type: none"> <li>To review and permit a reduction in spandrel/balcony separation between vertically aligned openings for building of Type A construction (Blocks A-D).</li> <li>To permit the reduction in general FRLs; <ul style="list-style-type: none"> <li>from the required FRL of 120 minutes down to 60 minutes for building of Type A construction, i.e., main School Buildings (Blocks A-D);</li> <li>from the required FRL of 90 minutes down to 60 minutes for building of Type C construction, i.e., Hall Building (Block E).</li> </ul> </li> <li>To permit the reduction of FRLs to the floors for buildings of Type A construction (Blocks B, C &amp; D), from 120/120/120 to a</li> </ol>	<p>C2.6, CP2</p> <p>Spec C1.1, Table 3, Table 5, CP1 and CP2</p> <p>Spec C1.1, Clause 3.1 Table 3, CP1 and CP2</p>	<p>C2.6</p> <p>Spec C1.1, Table 3, Table 5</p> <p>Spec C1.1, Clause 3.1, Table 3</p>	✓

## COMPLETION CERTIFICATE (continued)

Certificate No. **GDL190178**

Fire Safety Measures	Standard	BCA Clause(s)	New Fire Safety Measures
<p>ceiling having a Resistance to Incipient Spread of Fire (RISF) of 60 minutes.</p> <p>4. To permit the use of combustible sarking material (Bradford Enviroseal ProctorWrap RW) inside the external walls of the building of Type A construction (Blocks A-D).</p> <p>5. To permit the use of plywood timber noggings/reinforcement (for handrails/grabrails/wall mounted wet areas systems such as WHBs etc) in cavities of fire rated walls (internal or external) and non-fire-rated external walls the building of Type A construction (Blocks A-D).</p> <p>6. The residual pressure of internal fire hydrants is to be designed in accordance with AS 2419.1-2017 instead of AS 2419.1-2005, i.e., 250 kPa instead of 700 kPa by viewing them as "unassisted attack fire hydrant".</p> <p>7. To permit the location of the fire hydrant booster to not technically be within sight of each building entry on the site, and not adjacent to the vehicular entrance.</p> <p>8. To permit the omission of Fire Hose Reels serving parts of the buildings that are not forming part of the main classroom areas of the building (i. e. admin, BOH, etc).</p> <p>9. To permit the exit door handles (latches) greater than 1.1m above floor level (up to 1.2m instead).</p> <p>10. To permit the use of Dincel Wall system that contains combustible formwork to be used as external walls of lower ground of Block D toilet block.</p> <p>11. To permit that Blocks A-D and Block E are considered two separate buildings whilst being connected by a covered external walkway.</p>	<p>C1.9, CP2, CP4</p> <p>C1.9, Spec C1.1, Clause 3.1(d), CP2, CP4</p> <p>E1.3, AS 2419.1, EP1.3</p> <p>E1.3, AS 2419.1, EP1.3</p> <p>E1.4, EP1.1</p> <p>DP4, EP2.2</p> <p>CP1, CP2, CP4 and CP8.</p> <p>C1.1, C2.7, C3.2, C3.3, C3.4, Spec C1.1.</p>	<p>C1.9</p> <p>C1.9, Spec C1.1, Clause 3.1(d)</p> <p>E1.3, AS2419.1</p> <p>E1.3, AS2419.1</p> <p>E1.4</p> <p>D2.21(a) (i)</p> <p>C1.9</p> <p>C1.1, C2.7, C3.2, C3.3, C3.4, Spec C1.1.</p>	

## COMPLETION CERTIFICATE (continued)

Certificate No. **GDL190178**

### Building E

Fire Safety Measures	Standard	BCA Clause(s)	New Fire Safety Measures
Access panels, doors & hoppers to fire resisting shafts	AS 1530.4 – 2014	C3.13	<input checked="" type="checkbox"/>
Automatic fail-safe devices	--	C3.8, D2.21, Spec C3.4	<input checked="" type="checkbox"/>
Automatic fire detection & alarm systems (associated to automatic shut-down system)	AS 1670.1 – 2015 AS 1668.1 – 2015	Spec E2.2b	<input checked="" type="checkbox"/>
Emergency lighting	AS 2293.1 – 2005	E4.2, E4.4	<input checked="" type="checkbox"/>
Exit signs	AS 2293.1 – 2005	E4.5, NSW E4.6 & E4.8, EP4.2	<input checked="" type="checkbox"/>
Fire doors	AS 1905.1 – 2015	Spec C3.4, C3.10	<input checked="" type="checkbox"/>
Fire hydrant systems	AS 2419.1 – 2005	E1.3, EP1.3	<input checked="" type="checkbox"/>
Lightweight construction	--	C1.8, Spec C1.8, CP1, CP2	<input checked="" type="checkbox"/>
Mechanical air handling systems <ul style="list-style-type: none"> <li>Auto shutdown</li> </ul>	AS 1668.1 – 2015 AS 1668.2 – 2012	E2.2, Spec E2.2a, Spec E2.2b	<input checked="" type="checkbox"/>
Portable fire extinguishers & fire blankets	AS 2444 – 2001	E1.6	<input checked="" type="checkbox"/>
Paths of Travel	--	D1.6	<input checked="" type="checkbox"/>
<p>Fire Engineering Performance Solutions prepared by MCD Fire Engineering.</p> <p>Rev: FER4.0, date: 10/06/2021. ;</p> <ol style="list-style-type: none"> <li>To review and permit a reduction in spandrel/balcony separation between vertically aligned openings for building of Type A construction (Blocks A-D).</li> <li>To permit the reduction in general FRLs; <ul style="list-style-type: none"> <li>from the required FRL of 120 minutes down to 60 minutes for building of Type A construction, i.e., main School Buildings (Blocks A-D);</li> <li>from the required FRL of 90 minutes down to 60 minutes for building of Type C construction, i.e., Hall Building (Block E).</li> </ul> </li> <li>To permit the reduction of FRLs to the floors for buildings of Type A construction (Blocks B, C &amp; D), from 120/120/120 to a ceiling having a Resistance to Incipient Spread of Fire (RISF) of 60 minutes.</li> <li>To permit the use of combustible sarking material</li> </ol>	<p>C2.6, CP2</p> <p>Spec C1.1, Table 3. Table 5, CP1 and CP2</p> <p>Spec C1.1, Clause 3.1 Table 3, CP1 and CP2</p>	<p>C2.6</p> <p>Spec C1.1, Table 3, Table 5</p> <p>Spec C1.1, Clause 3.1, Table 3</p>	<input checked="" type="checkbox"/>



## COMPLETION CERTIFICATE (continued)

Certificate No. **GDL190178**

Fire Safety Measures	Standard	BCA Clause(s)	New Fire Safety Measures
(Bradford Enviroseal ProctorWrap RW) inside the external walls of the building of Type A construction (Blocks A-D).	C1.9, CP2, CP4	C1.9	
5. To permit the use of plywood timber noggings/reinforcement (for handrails/grabrails/wall mounted wet areas systems such as WHBs etc) in cavities of fire rated walls (internal or external) and non-fire-rated external walls the building of Type A construction (Blocks A-D).	C1.9, Spec C1.1, Clause 3.1(d), CP2, CP4	C1.9, Spec C1.1, Clause 3.1(d)	
6. The residual pressure of internal fire hydrants is to be designed in accordance with AS 2419.1-2017 instead of AS 2419.1-2005, i.e., 250 kPa instead of 700 kPa by viewing them as "unassisted attack fire hydrant".	E1.3, AS 2419.1, EP1.3	E1.3, AS2419.1	
7. To permit the location of the fire hydrant booster to not technically be within sight of each building entry on the site, and not adjacent to the vehicular entrance.	E1.3, AS 2419.1, EP1.3	E1.3, AS2419.1	
8. To permit the omission of Fire Hose Reels serving parts of the buildings that are not forming part of the main classroom areas of the building (i. e. admin, BOH, etc).	E1.4, EP1.1	E1.4	
9. To permit the exit door handles (latches) greater than 1.1m above floor level (up to 1.2m instead).	DP4, EP2.2	D2.21(a) (i)	
10. To permit the use of Dincel Wall system that contains combustible formwork to be used as external walls of lower ground of Block D toilet block.	CP1, CP2, CP4 and CP8.	C1.9	
11. To permit that Blocks A-D and Block E are considered two separate buildings whilst being connected by a covered external walkway.	C1.1, C2.7, C3.2, C3.3, C3.4, Spec C1.1.	C1.1, C2.7, C3.2, C3.3, C3.4, Spec C1.1.	

01/07/2021

Hansen Yuncken Pty Ltd  
Att: Zac Casimatis  
Sydney Corporate Park Building 1  
Level 3, 75-85 O'Riordan Street  
Alexandria NSW 2015

**BCA Completion Statement No. GDL190178**

**SINSW - East Leppington Public School, Commissioners Drive, Denham Court NSW 2565**

I am pleased to forward your BCA Completion Statement for this project.

Should you have any queries regarding this matter please do not hesitate to contact the undersigned on 02 8355 3160.

Yours sincerely



Brett Clabburn  
Director