

Consultants Works Certificate

Date: 13 / 03 / 2020
To: Icon Co (NSW) Pty Ltd ACN 604 790 409 (**Contractor**)
From: WSP Structures Pty Limited ACN 006 769 339 (**Consultant**)

Project: Opal Project – Remedial Design Services

The Consultant certifies to Australia Avenue Developments Pty Limited ACN 104 573 391 (**Principal**) and to the Contractor as follows:

1. The Consultant is a practicing Structural Engineers within the meaning of the Building Code of Australia (BCA), and provided to the Contractor the Remedial Design as described in the Consultant's Design Certificate dated 16 December 2019.
2. When requested to do so by the Contractor, the Consultant attended visual inspection of portions of the work the subject of the Remedial Design.
3. The Consultant certifies that it has carried out periodic site visits during the remedial works and that at the time of these visits, the remedial works generally complied with the intent of the Remedial Design.
4. The Consultant's visual inspections and observations of those inspections were recorded and given to the Contractor (the SIR's – copy **attached**).
5. The Consultant is aware that the Principal and the Contractor will be relying on this certificate, as at the date of this certificate.

Signed:



Name: Adam Read
Role/Position: Director of Structures

Encl. SIR numbers 004 – 034

SIR#	BY	DATE	SUBJECT
004	GA	11-02-2019	Level 16 Wall Coring and Level 4 Wall C-5.5
005	AR	6-03-2019	Level 16 stabilisation plates
006	AR	13-03-2019	Level 16 stabilisation plates
007	RW	10-04-2019	Level 10 Wall C-14.5 Through Bolt Installation
008	RW	13-05-2019	Level 10 Wall C-14.5 Prototype Panel Cracking and Bolt Installation
009	RW	16-05-2019	Level 10 Wall C-14.5 and Level 4 Wall A-10.5 Remediation
010	RW	21-05-2019	Level 4 Wall A-10.5 Pre-Pour Inspection
011	RW	21-05-2019	Level 10 Wall C-14.5 and Level 4 Wall 4B-0.5 Progress

012	RW	28-05-2019	Level 10 Wall C-14.5 Reinforcing
013	RW	28-05-2019	Level 4 Wall A-10.5 Concrete Pour
014	RW	12-06-2019	Level 10 Wall C-14.5 Reinforcing Pour 2
015	RW	12-06-2019	Level 16 Wall A-10.5
016	RW	25-06-2019	Level 10 Wall B-9.5
017	RW	1-07-2019	Level 16 Wall C-5.5
018	RW	1-07-2019	Level 10 Wall B-9.5
019	RW	4-07-2019	Level 4 Wall B-0.5
020	RW	5-07-2019	Level 16B-0.5 Reinforcing
021	CS	12-07-2019	Level 4 Wall B-0.5 (Pour 2)
022	CS	16-08-2019	Grout Joint Remediation Wall 5.5 on levels 6, 7 and 8
023	AR	20-08-2019	Grout Joint Remediation Wall 5.5 on levels 9+ sundry
024	RW	22-08-2019	B3 Footing Remediation
025	CS	26-08-2019	Grout Joint Remediation Wall C-5.5 on levels 18+
026	CS	5-09-2019	Grouting of External Precast Horizontal Wall Joints: B-9.5 on Levels 1-3
027	CS	1-10-2019	Grouting of External Precast Horizontal Wall Joints: B-0.5 on Levels 5-9
028	CS	16-10-2019	Grouting of External Precast Horizontal Wall Joints: B-0.5 on Levels 17-25
029	CS	29-10-2019	Grouting of External Precast Horizontal Wall Joints: C-14.5 on Levels 12-15
030	CS	20-11-2019	Grouting of External Precast Horizontal Wall Joints: C-14. on Levels 1-3
031	CS	26-11-2019	Cracking to External Face of Precast Concrete Walls (Grid B-9.5, A-4.5, 4.5-CX)
032	CS	13-12-2019	Crack to External Face of Precast Concrete Wall (Grid C-14.5, Level 14)
033	CS	29-01-2020	Grouting of External Precast Horizontal Wall Joints: B-9.5 on Levels 12-15
034	CS	19-02-2020	Cracking to External Face of Precast Concrete Walls (Grid B-9.0 and B-9.5) on Levels 34-36