

Level 02

Cross Ventilation: Building_A: 4/9 Building_B: 3/7 Building_C: n/a Building_D: n/a
Total: 7/16



Level 03

Cross Ventilation: Building_A: 5/10 Building_B: 4/7 Building_C: 10/11 Building_D: 4/5
Total: 23/33



Level 04

Cross Ventilation: Building_A: 5/10 Building_B: 4/7 Building_C: 5/6 Building_D: 5/5
Total: 19/28



Level 05

Cross Ventilation: Building_A: 5/10 Building_B: 4/7 Building_C: 3/6 Building_D: 4/6
Total: 16/29



Level 06 - 07

Cross Ventilation: Building_A: 4/8 Building_B: 4/7 Building_C: 3/6 Building_D: 4/6
Total: 15/27



Level 08

Cross Ventilation: Building_A: 4/7 Building_B: n/a Building_C: 3/6 Building_D: 4/6
Total: 11/19

Apartment Amenity (with reference to Apartment Design Guide)

Natural Ventilation (Objective 4B-3, Design Criteria 1)
Minimum % of apartments to be naturally ventilated: ≥ 60% in the first nine storeys of the building

Building A & B & C & D
Actual % of apartments naturally ventilated:
Number of apartments counted for Natural Ventilation: 189
114 apartments = 60%

NOTES
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LEGEND

- ✓ Cross-ventilation
- ✓ Cross-ventilation via duct system

Rev	Date	Approved by	Revision Notes
01	07.06.21	JMC	Draft DA for Review
02	06.07.21	JMC	DA Submission
03	22.03.22	JMC	For Coordination
04	01.04.22	JMC	Draft Amended DA
05	08.04.22	JMC	For Draft DA
06	14.04.22	JMC	For Draft DA
07	21.04.22	JMC	For DA Submission

Project Title
Doran Drive
Doran Drive, Castle Hill Castle Hill NSW 2154 Australia
Drawing Title
AMENITY DIAGRAMS (ADG)
Cross Ventilation Diagrams 1

Scale
1:500 @A1, 50% @A3
Status
DA Submission
Project No.
19068
Dwg No.
DA-720-101
Rev
07
North
↗

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Level 09

Cross Ventilation: Building_A: n/a Building_B: n/a Building_C: 4/5 Building_D: 4/5

Total: 8/10

Apartment Amenity (with reference to Apartment Design Guide)

Natural Ventilation (Objective 4B-3, Design Criteria 1)
Minimum % of apartments to be naturally ventilated: ≥ 60% in the first nine storeys of the building

Building A & B & C & D
Actual % of apartments naturally ventilated:
Number or apartments counted for Natural Ventilation: 189
114 apartments = 60%

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LEGEND

- ✓ Cross-ventilation
- ✓ Cross-ventilation via duct system

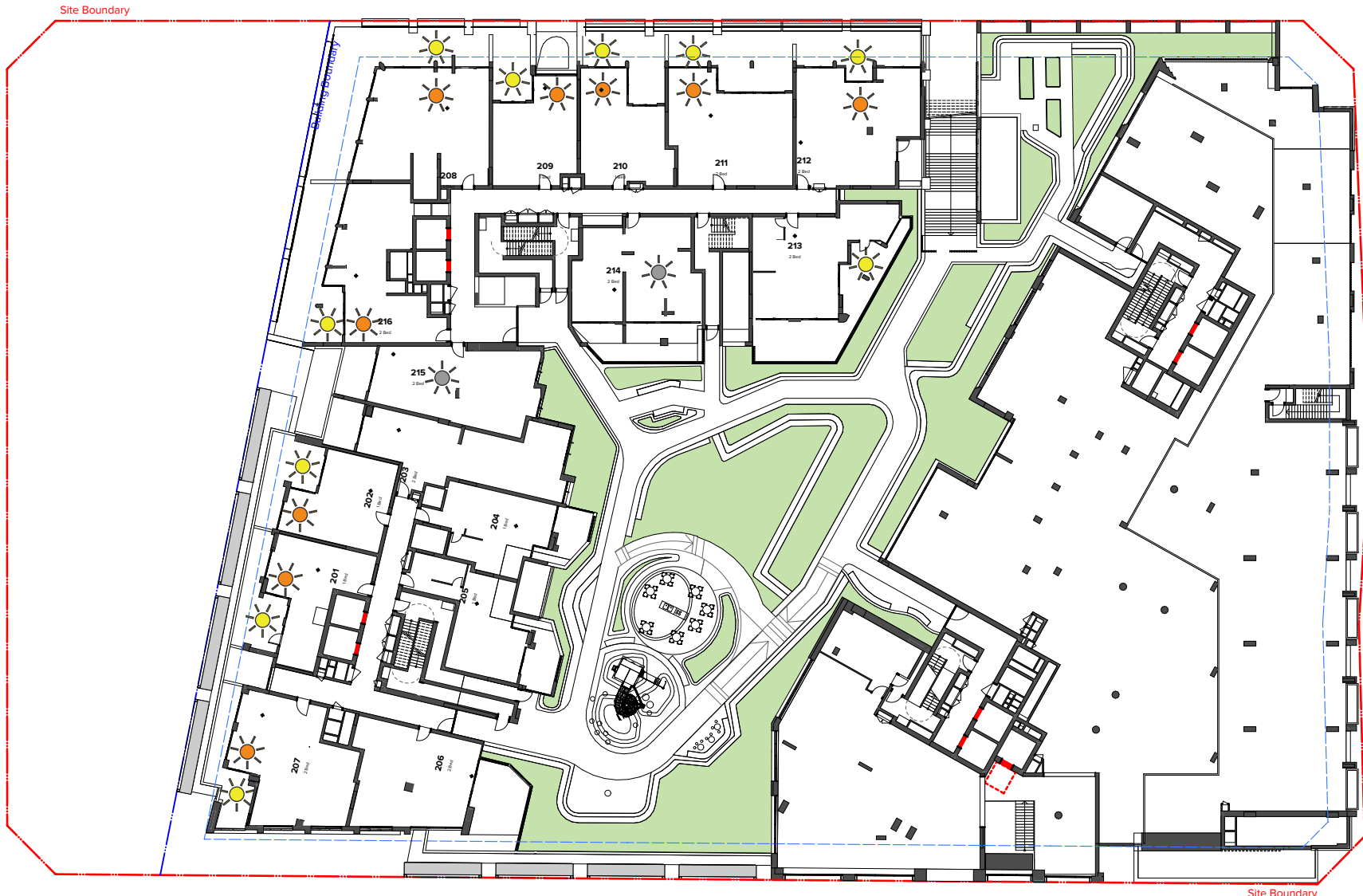
Rev	Date	Approved by	Revision Notes
01	07.06.21	JMC	Draft DA for Review
02	06.07.21	JMC	DA Submission
03	22.03.22	JMC	For Coordination
04	01.04.22	JMC	Draft Amended DA
05	08.04.22	JMC	For Draft DA
06	14.04.22	JMC	For Draft DA
07	21.04.22	JMC	For DA Submission

Project Title
Doran Drive
Doran Drive, Castle Hill Castle Hill NSW 2154 Australia
Drawing Title
AMENITY DIAGRAMS (ADG)
Cross Ventilation Diagrams 2

Scale
1:500 @A1, 50% @A3
Status
DA Submission
Project No.
19068
Dwg No.
DA-720-102
Drawn by
JB, JB
Rev
07
North
↑

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Level 02

	(LIV) 2 hours solar:	Building_A: 6/9	Building_B: 3/7	Building_C: n/a	Building_D: n/a
					Total: 9/16
	(BY) 2 hours solar:	Building_A: 7/9	Building_B: 3/7	Building_C: n/a	Building_D: n/a
					Total: 10/16
	No Direct Sun:	Building_A: 2/9	Building_B: 0/7	Building_C: n/a	Building_D: n/a
					Total: 2/16



Level 03

	(LIV) 2 hours solar:	Building_A: 6/10	Building_B: 3/7	Building_C: 9/11	Building_D: 1/5
					Total: 19/33
	(BY) 2 hours solar:	Building_A: 6/10	Building_B: 3/7	Building_C: 11/11	Building_D: 3/5
					Total: 23/33
	No Direct Sun:	Building_A: 3/10	Building_B: 0/7	Building_C: 0/11	Building_D: 0/5
					Total: 3/33



Level 04

	(LIV) 2 hours solar:	Building_A: 6/10	Building_B: 3/7	Building_C: 4/6	Building_D: 1/5
					Total: 14/28
	(BY) 2 hours solar:	Building_A: 6/10	Building_B: 3/7	Building_C: 6/6	Building_D: 2/5
					Total: 17/28
	No Direct Sun:	Building_A: 3/10	Building_B: 0/7	Building_C: 0/6	Building_D: 0/5
					Total: 3/28



Level 05

	(LIV) 2 hours solar:	Building_A: 6/10	Building_B: 3/7	Building_C: 5/6	Building_D: 3/6
					Total: 17/29
	(BY) 2 hours solar:	Building_A: 6/10	Building_B: 3/7	Building_C: 6/6	Building_D: 4/6
					Total: 19/29
	No Direct Sun:	Building_A: 3/10	Building_B: 0/7	Building_C: 0/6	Building_D: 0/6
					Total: 3/29



Level 06

	(LIV) 2 hours solar:	Building_A: 5/8	Building_B: 3/7	Building_C: 5/6	Building_D: 3/6
					Total: 16/27
	(BY) 2 hours solar:	Building_A: 6/8	Building_B: 3/7	Building_C: 6/6	Building_D: 4/6
					Total: 19/27
	No Direct Sun:	Building_A: 2/8	Building_B: 0/7	Building_C: 0/6	Building_D: 0/6
					Total: 2/27



Level 07

	(LIV) 2 hours solar:	Building_A: 6/8	Building_B: 3/7	Building_C: 5/6	Building_D: 3/6
					Total: 17/27
	(BY) 2 hours solar:	Building_A: 6/8	Building_B: 3/7	Building_C: 6/6	Building_D: 4/6
					Total: 19/27
	No Direct Sun:	Building_A: 2/8	Building_B: 0/7	Building_C: 0/6	Building_D: 0/6
					Total: 2/27

Apartment Amenity (with reference to Apartment Design Guide)

Solar Access (Objective 4A-1, Design Criteria 1)

Minimum % of apartments achieving 2 hours solar access: ≥ 70%.

No Direct Sunlight (Objective 4A-1, Design Criteria 3)

Maximum % of apartments receiving no sunlight: ≤ 15%

Building A & B & C & D

Actual % of apartments (LIV) achieving 2 hours solar access:
313 apartments = 72.8%

Actual % of apartments (BY) achieving 2 hours solar access:
334 apartments = 77.7%

Actual % of apartments receiving no direct sunlight:
28 apartments = 6.5%

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DLCS Quality Endorsment Company ISO 9001:2015, Registration Number 234076
Notified Architect Nicholas Turner 6085, ABN 98 594 094 871

Rev	Date	Approved by	Revision Notes
01	07.06.21	JMC	Draft DA for Review
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03	01.04.22	JMC	Draft Amended DA
04	08.04.22	JMC	For Draft DA
05	14.04.22	JMC	For Draft DA
06	21.04.22	JMC	For DA Submission

Project Title
Doran Drive
Doran Drive, Castle Hill Castle Hill NSW 2154 Australia
Drawing Title
AMENITY DIAGRAMS (ADG)
Solar Access Diagrams 1

Scale
1:500 @A1, 50%@A3
Status
DA Submission

Project No.
19068
Dwg No.
DA-720-201
Drawn by
JA
Rev
06



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Level 08

	(LIV) 2 hours solar:	Building_A: 6/7	Building_B: 3/6	Building_C: 5/6	Building_D: 3/6
					Total: 17/25
	(BY) 2 hours solar:	Building_A: 6/7	Building_B: 3/6	Building_C: 6/6	Building_D: 4/6
					Total: 19/25
	No Direct Sun:	Building_A: 1/7	Building_B: 0/6	Building_C: 0/6	Building_D: 0/6
					Total: 1/25



Level 09 - 10

	(LIV) 2 hours solar:	Building_A: 6/7	Building_B: 3/6	Building_C: 5/5	Building_D: 4/5
					Total: 18/23
	(BY) 2 hours solar:	Building_A: 6/7	Building_B: 3/6	Building_C: 5/5	Building_D: 4/5
					Total: 18/23
	No Direct Sun:	Building_A: 1/7	Building_B: 0/6	Building_C: 0/5	Building_D: 0/5
					Total: 1/23



Level 11 - 13

	(LIV) 2 hours solar:	Building_A: 6/7	Building_B: 3/6	Building_C: 5/5	Building_D: 4/5
					Total: 18/23
	(BY) 2 hours solar:	Building_A: 6/7	Building_B: 3/6	Building_C: 5/5	Building_D: 4/5
					Total: 18/23
	No Direct Sun:	Building_A: 1/7	Building_B: 0/6	Building_C: 0/5	Building_D: 0/5
					Total: 1/23



Level 14

	(LIV) 2 hours solar:	Building_A: 6/7	Building_B: 3/6	Building_C: 5/5	Building_D: 4/5
					Total: 18/23
	(BY) 2 hours solar:	Building_A: 6/7	Building_B: 3/6	Building_C: 5/5	Building_D: 5/5
					Total: 17/23
	No Direct Sun:	Building_A: 1/7	Building_B: 0/6	Building_C: 0/5	Building_D: 0/5
					Total: 1/23



Level 15

	(LIV) 2 hours solar:	Building_A: 6/7	Building_B: 5/6	Building_C: 5/5	Building_D: 4/5
					Total: 20/23
	(BY) 2 hours solar:	Building_A: 6/7	Building_B: 5/6	Building_C: 5/5	Building_D: 5/5
					Total: 21/23
	No Direct Sun:	Building_A: 1/7	Building_B: 0/6	Building_C: 0/5	Building_D: 0/5
					Total: 1/23



Level 16

	(LIV) 2 hours solar:	Building_A: 6/7	Building_B: 6/6	Building_C: 5/5	Building_D: 4/5
					Total: 21/23
	(BY) 2 hours solar:	Building_A: 6/7	Building_B: 6/6	Building_C: 5/5	Building_D: 5/5
					Total: 22/23
	No Direct Sun:	Building_A: 1/7	Building_B: 0/6	Building_C: 0/5	Building_D: 0/5
					Total: 1/23

Apartment Amenity (with reference to Apartment Design Guide)

Solar Access (Objective 4A-1, Design Criteria 1)

Minimum % of apartments achieving 2 hours solar access: ≥ 70%.

No Direct Sunlight (Objective 4A-1, Design Criteria 3)

Maximum % of apartments receiving no sunlight: ≤ 15%

Building A & B & C & D

Actual % of apartments (LIV) achieving 2 hours solar access:
313 apartments = 72.8%

Actual % of apartments (BY) achieving 2 hours solar access:
334 apartments = 77.7%

Actual % of apartments receiving no direct sunlight:
28 apartments = 6.5%

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Rev	Date	Approved by	Revision Notes
01	07.06.21	JMC	Draft DA for Review
02	06.07.21	JMC	DA Submission
03	01.04.22	JMC	Draft Amended DA
04	08.04.22	JMC	For Draft DA
05	14.04.22	JMC	For Draft DA
06	21.04.22	JMC	For DA Submission

Project Title
Doran Drive
Doran Drive, Castle Hill Castle Hill NSW 2154 Australia
Drawing Title
AMENITY DIAGRAMS (ADG)
Solar Access Diagrams 2

Scale
1:500 @A1, 50%@A3
Status
DA Submission
Project No.
19068
Dwg No.
DA-720-202
Drawn by
JA
Rev
06

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Level 17

	(LIV) 2 hours solar:	Building_A: 4/5	Building_B: 6/6	Building_C: 5/5	Building_D: 4/5
					Total: 19/21
	(BY) 2 hours solar:	Building_A: 4/5	Building_B: 6/6	Building_C: 5/5	Building_D: 5/5
					Total: 20/21
	No Direct Sun:	Building_A: 1/5	Building_B: 0/6	Building_C: 0/5	Building_D: 0/5
					Total: 1/21



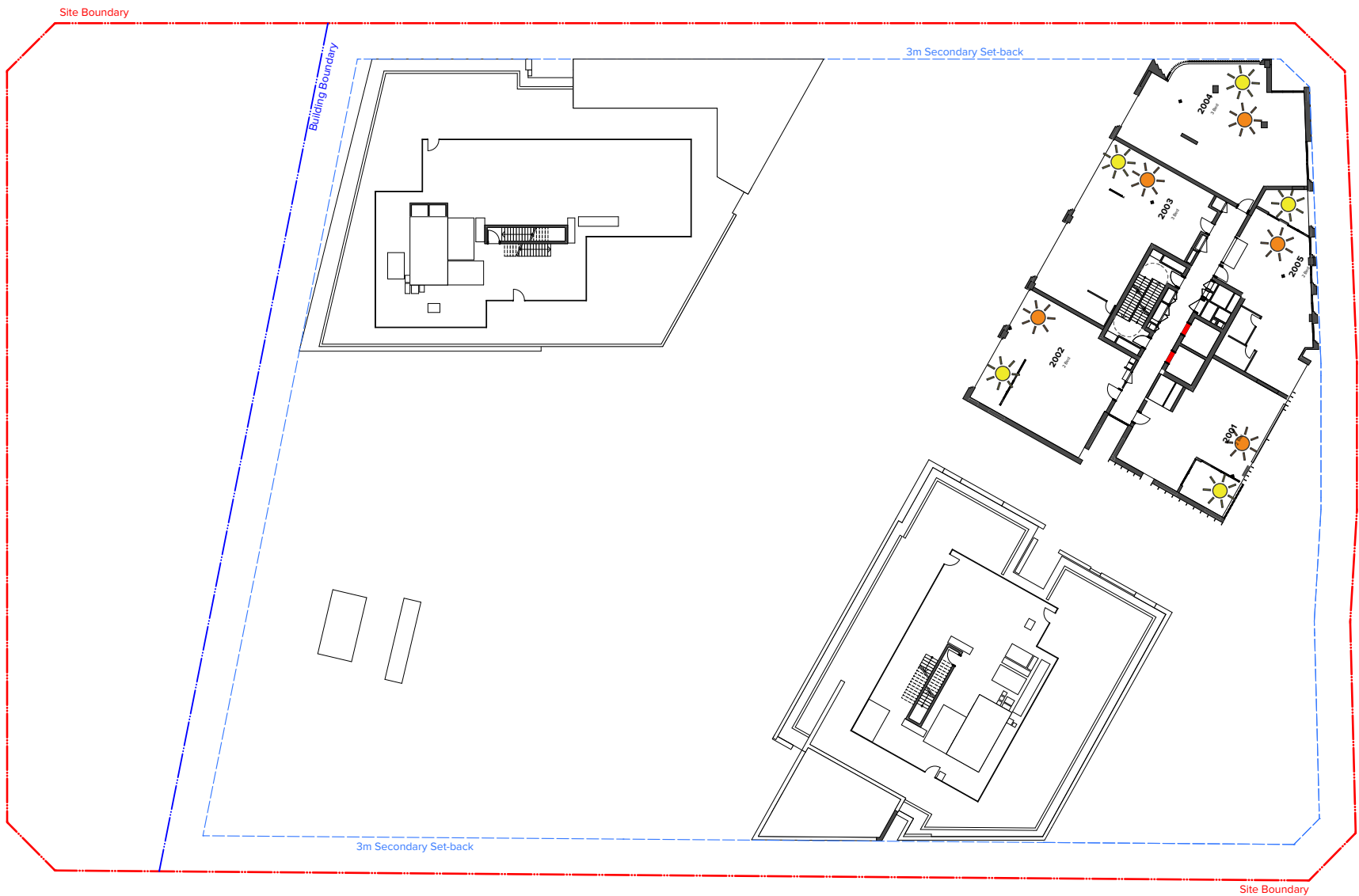
Level 18

	(LIV) 2 hours solar:	Building_A: 4/5	Building_B: 5/5	Building_C: 5/5	Building_D: 4/5
					Total: 18/20
	(BY) 2 hours solar:	Building_A: 4/5	Building_B: 5/5	Building_C: 5/5	Building_D: 5/5
					Total: 19/20
	No Direct Sun:	Building_A: 1/5	Building_B: 0/5	Building_C: 0/5	Building_D: 0/5
					Total: 1/20



Level 19

	(LIV) 2 hours solar:	Building_A: 4/5	Building_B: n/a	Building_C: 5/5	Building_D: 4/5
					Total: 13/15
	(BY) 2 hours solar:	Building_A: 4/5	Building_B: n/a	Building_C: 5/5	Building_D: 5/5
					Total: 14/15
	No Direct Sun:	Building_A: 1/5	Building_B: n/a	Building_C: 0/5	Building_D: 0/5
					Total: 1/15



Level 20

	(LIV) 2 hours solar:	Building_A: n/a	Building_B: n/a	Building_C: 5/5	Building_D: n/a
					Total: 5/5
	(BY) 2 hours solar:	Building_A: n/a	Building_B: n/a	Building_C: 5/5	Building_D: n/a
					Total: 5/5
	No Direct Sun:	Building_A: n/a	Building_B: n/a	Building_C: 0/5	Building_D: n/a
					Total: 0/5

Apartment Amenity (with reference to Apartment Design Guide)

Solar Access (Objective 4A-1, Design Criteria 1)

Minimum % of apartments achieving 2 hours solar access: ≥ 70%.

No Direct Sunlight (Objective 4A-1, Design Criteria 3)

Maximum % of apartments receiving no sunlight: ≤ 15%

Building A & B & C & D

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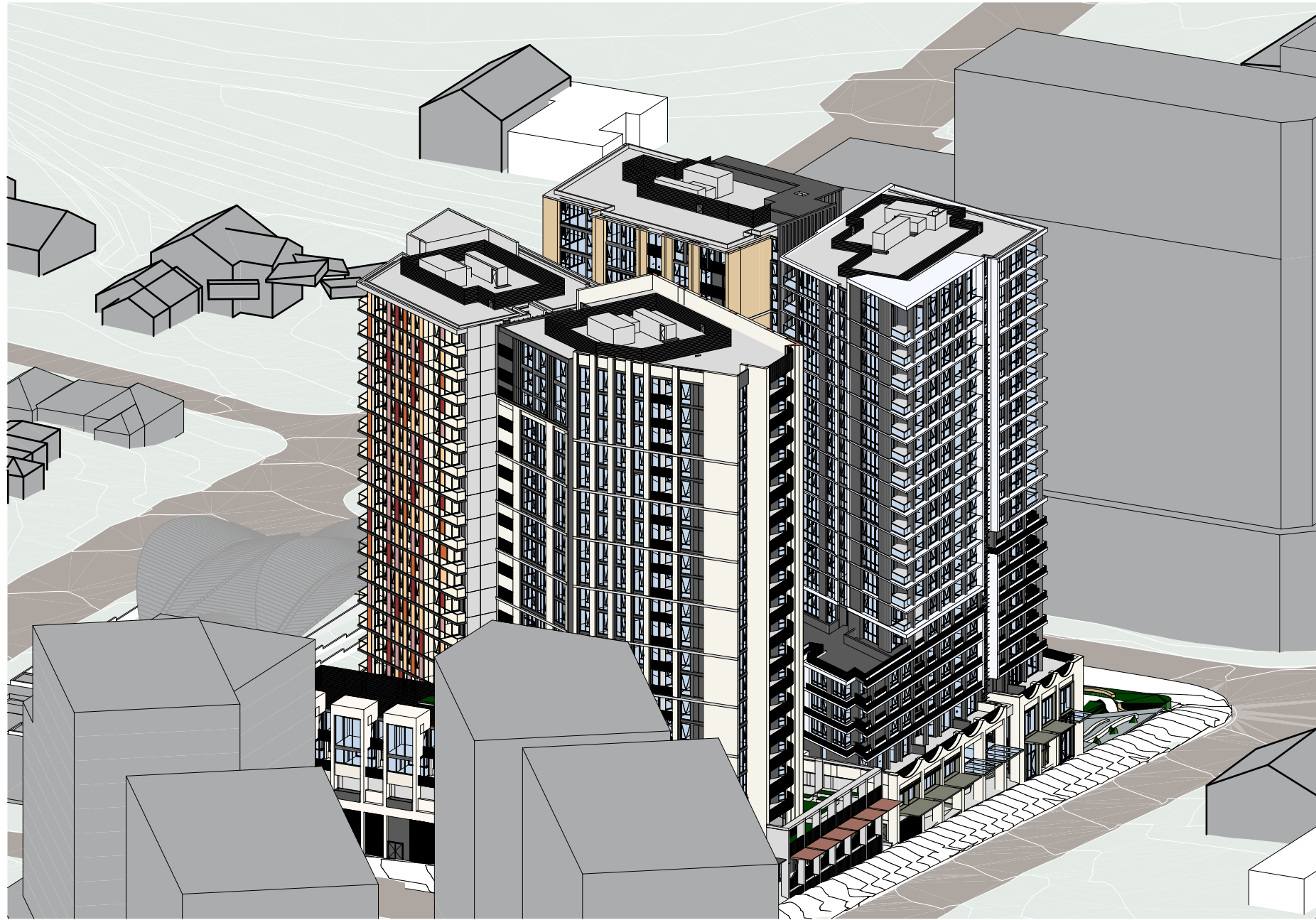
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01	07.06.21	JMC	Draft DA for Review
02	06.07.21	JMC	DA Submission
03	01.04.22	JMC	Draft Amended DA
04	08.04.22	JMC	For Draft DA
05	14.04.22	JMC	For Draft DA
06	21.04.22	JMC	For DA Submission

Project Title
Doran Drive
Doran Drive, Castle Hill Castle Hill NSW 2154 Australia
Drawing Title
AMENITY DIAGRAMS (ADG)
Solar Access Diagrams 3

Scale 1:500 @A1, 50% @A3	Project No. 19068	Drawn by JL	North
Status DA Submission	Dwg No. DA-720-203	Rev 06	

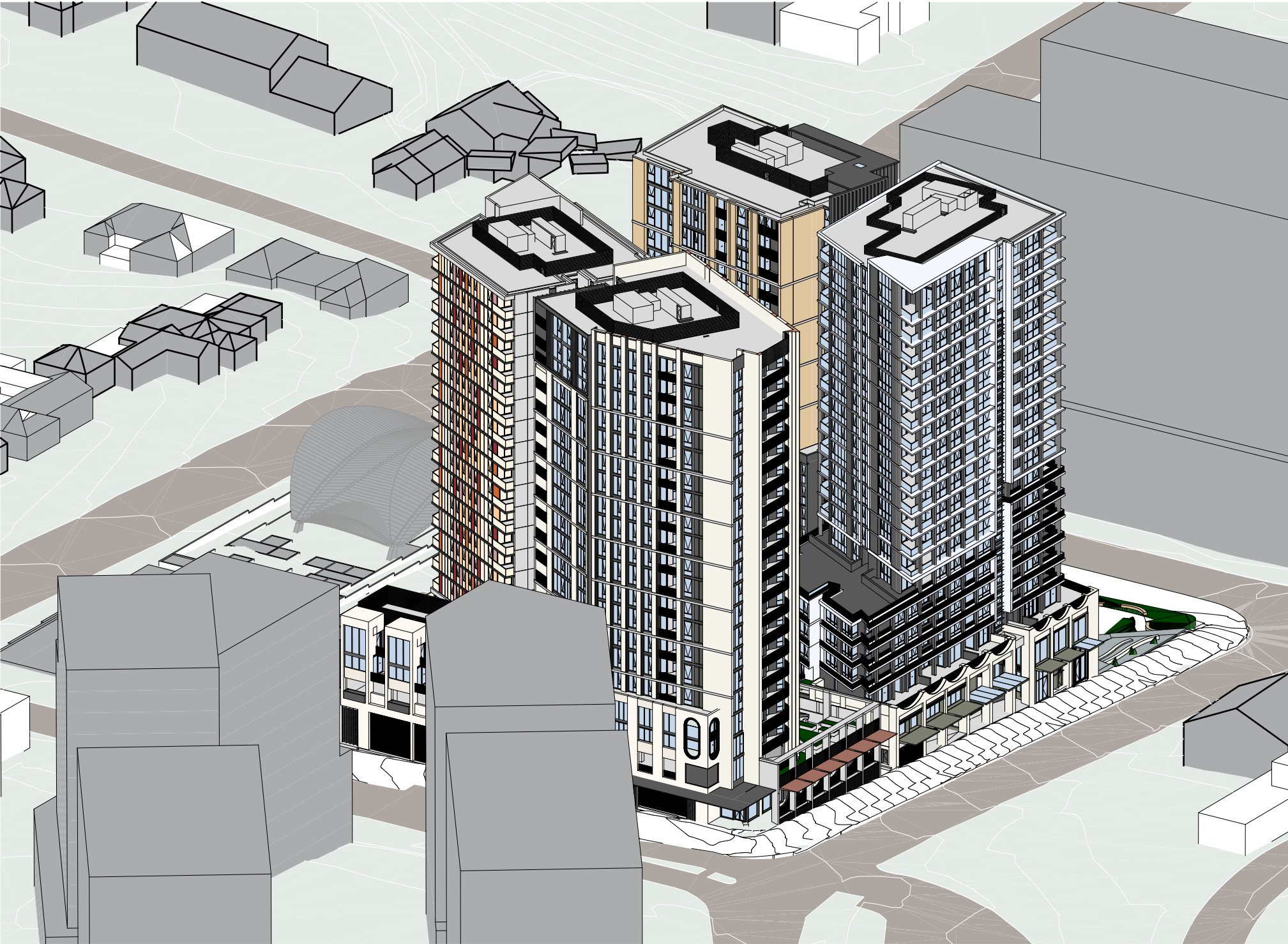
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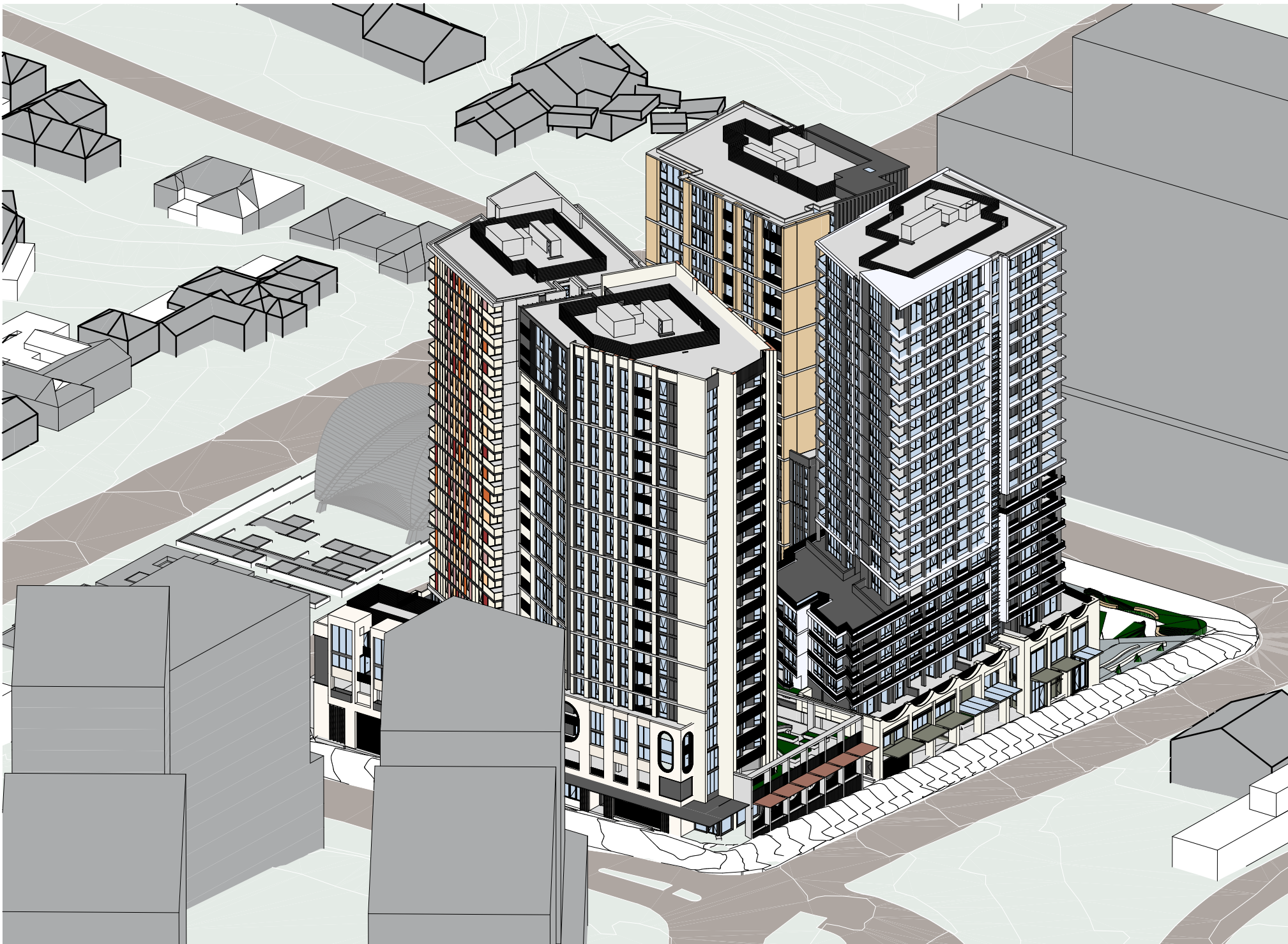
JUN 21st -
09.00am



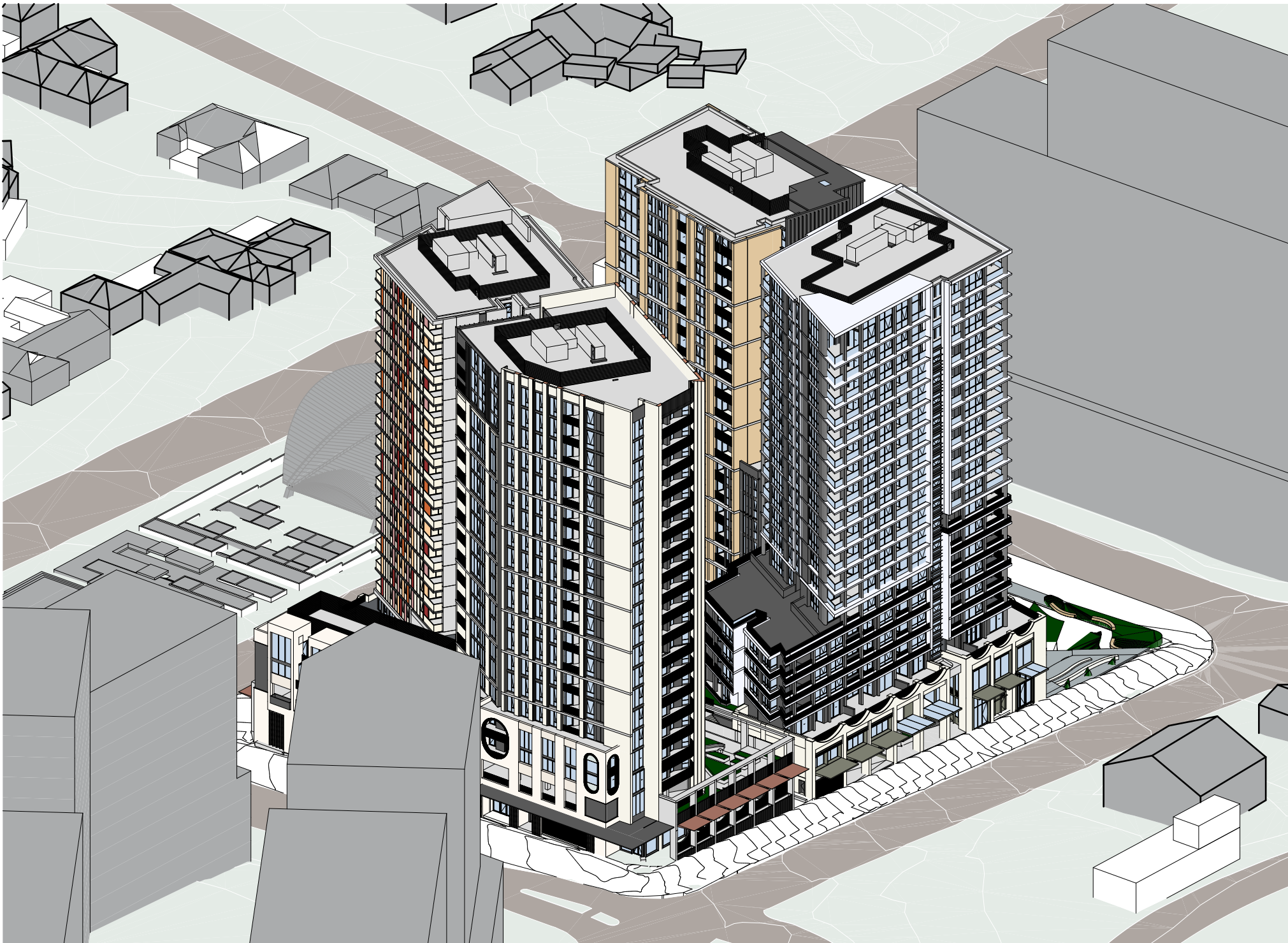
JUN 21st -
09.15am



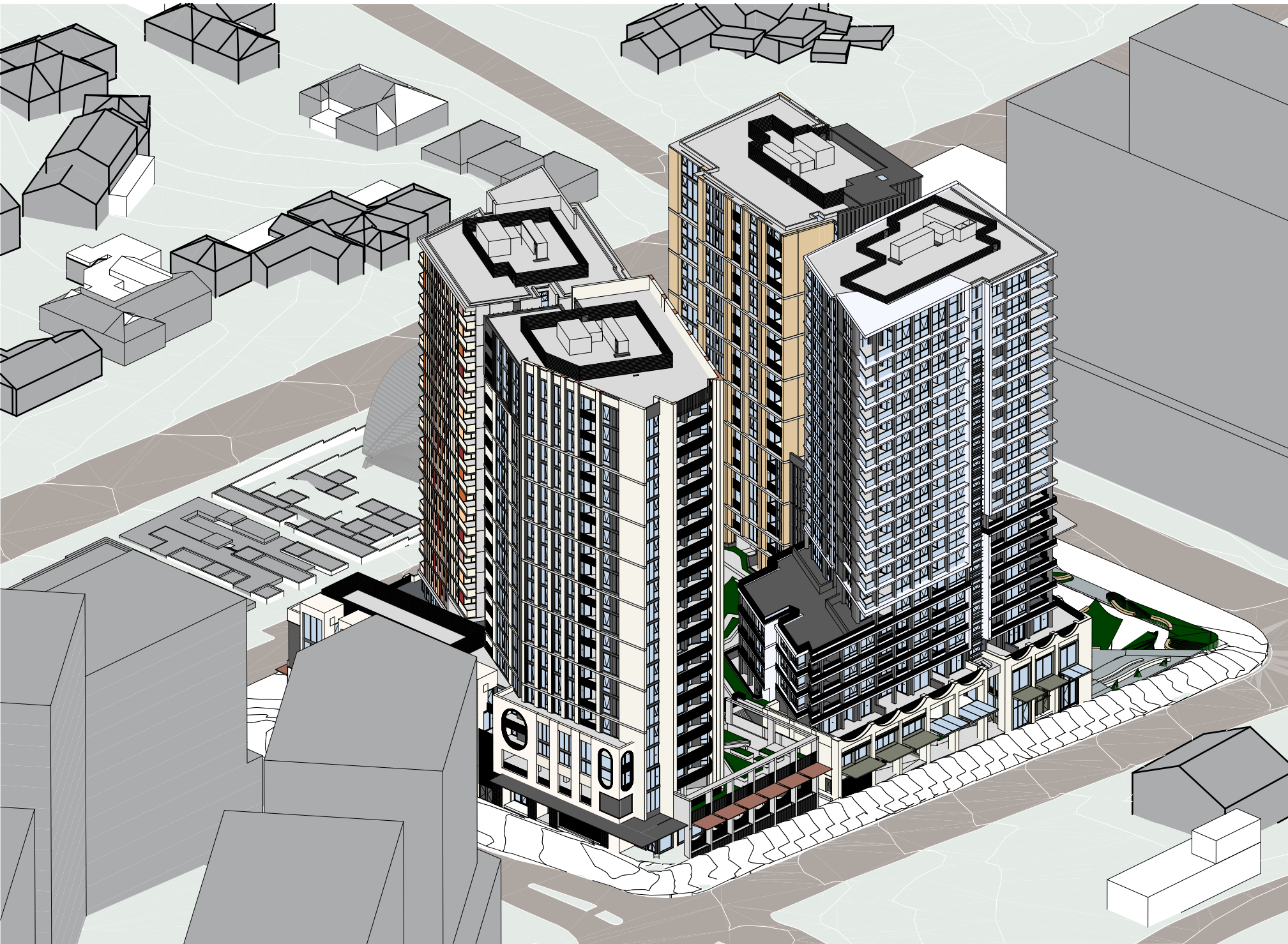
JUN 21st -
09.30am



JUN 21st -
09.45am



JUN 21st -
10.00am



JUN 21st -
10.15am

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DLCS Quality Endorsed Company ISO 9001:2015, Registration Number 20476
Turner and Black Nicholas Turner 6885, ABN 58 584 394 871

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01	07.06.21	JMC	Draft DA for Review
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05	14.04.22	JMC	For Draft DA
06	21.04.22	JMC	For DA Submission

Project Title
Doran Drive
Doran Drive, Castle Hill Castle Hill NSW 2154 Australia
Drawing Title
AMENITY DIAGRAM (ADG)
Sun Eye Views 9am - 10:15am

Scale
1:650 @A1, 50% @A3
Sheet
DA Submission
Project No.
19068
Dwg No.
DA-720-301
Drawn by
JA
Rev
06

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