Attachment B

Selected Drawings



Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: M6AYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

NOTE: ALL STRUCTURES, PLANTER BEDS AND PAVING WITHIN THE SITE BOUNDARY ARE TO BE DEMOILSHED UNLESS NOTED OTHERWISE.

LEGEND
TREE - RETAINED
TREE - DEMOLISHED

23/12/2019 12:53:39 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Existing / Demolition Plan**

Project No: **218089**

Date: **03/12/18**

Author: **MG**

Scale: @ A1 **As indicated**

Drawing No: **DA2-003 A**

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Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

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> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8
Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW
B	17.01.20	COUNCIL UPDATE	NE

17/01/2020 4:33:30 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Proposed Site Plan**

Project No: 218089

Date: 03/12/18

Author: MG

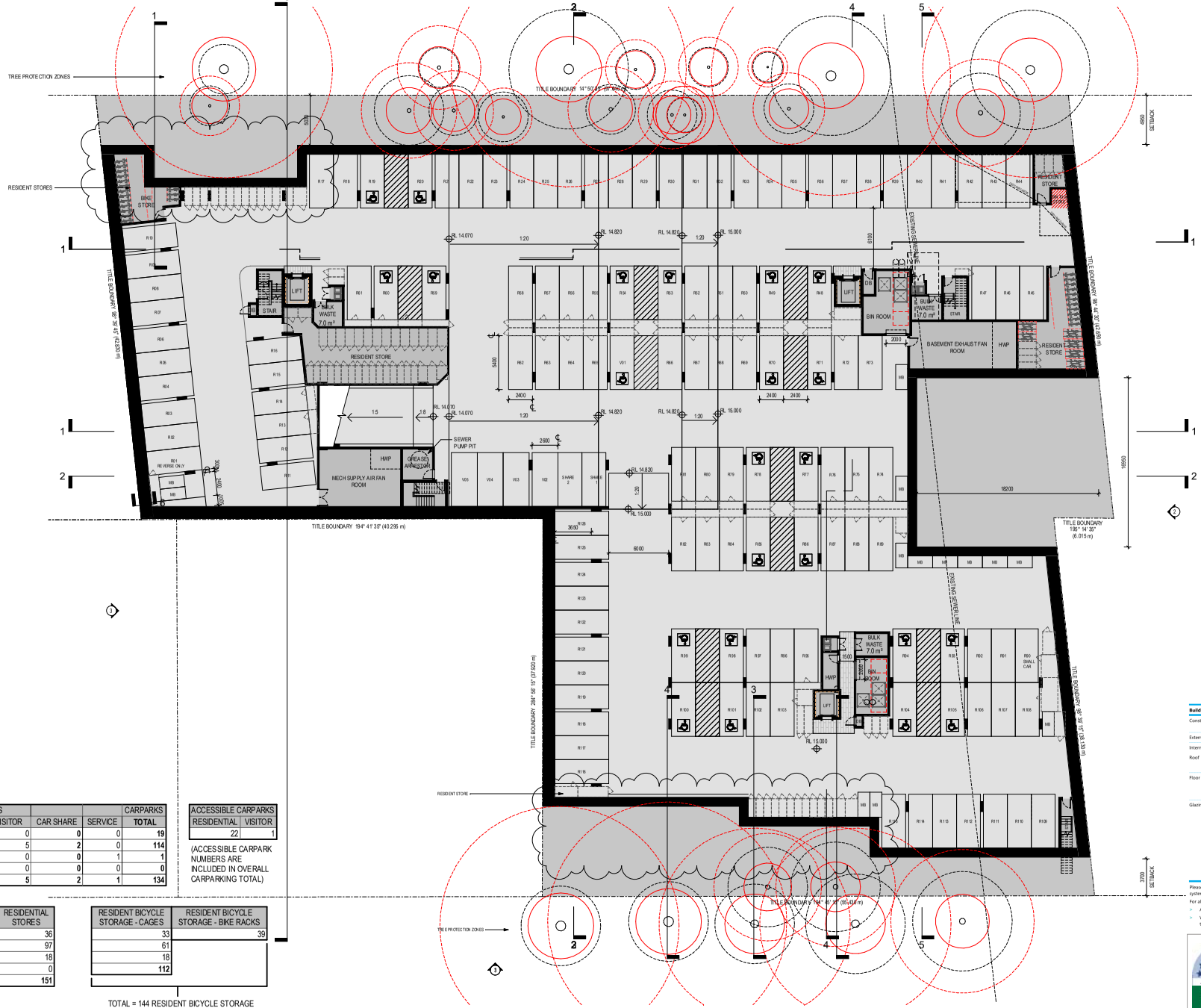
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Drawing No.: DA2-004 B

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LEVEL	CARPARKS RESIDENTIAL	CARPARKS VISITOR	CAR SHARE	SERVICE	CARPARKS TOTAL
BASEMENT LOWER	19	0	0	0	19
BASEMENT	107	5	2	0	114
BASEMENT UPPER	0	0	0	1	1
LEVEL 1	0	0	0	0	0
TOTAL	126	5	2	1	134

ACCESSIBLE CARPARKS RESIDENTIAL	ACCESSIBLE CARPARKS VISITOR
22	1

(ACCESSIBLE CARPARK NUMBERS ARE INCLUDED IN OVERALL CARPARKING TOTAL)

LEVEL	MOTORCYCLE / SCOOTER PARKS	RESIDENTIAL STORES
BASEMENT LOWER	0	36
BASEMENT	13	97
BASEMENT UPPER	0	18
LEVEL 1	0	0
TOTAL	13	151

RESIDENT BICYCLE STORAGE - CAGES	RESIDENT BICYCLE STORAGE - BIKE RACKS
33	39
61	
18	
112	

TOTAL = 144 RESIDENT BICYCLE STORAGE

DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW
B	15.01.20	TP2 UPDATE	NE
C	17.01.20	COUNCIL UPDATE	NE

17/01/2020 1:50:44 PM

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note; glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.
For all apartments, the following assumptions have been made:
> All windows and doors are weather stripped and have insect screens;
> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

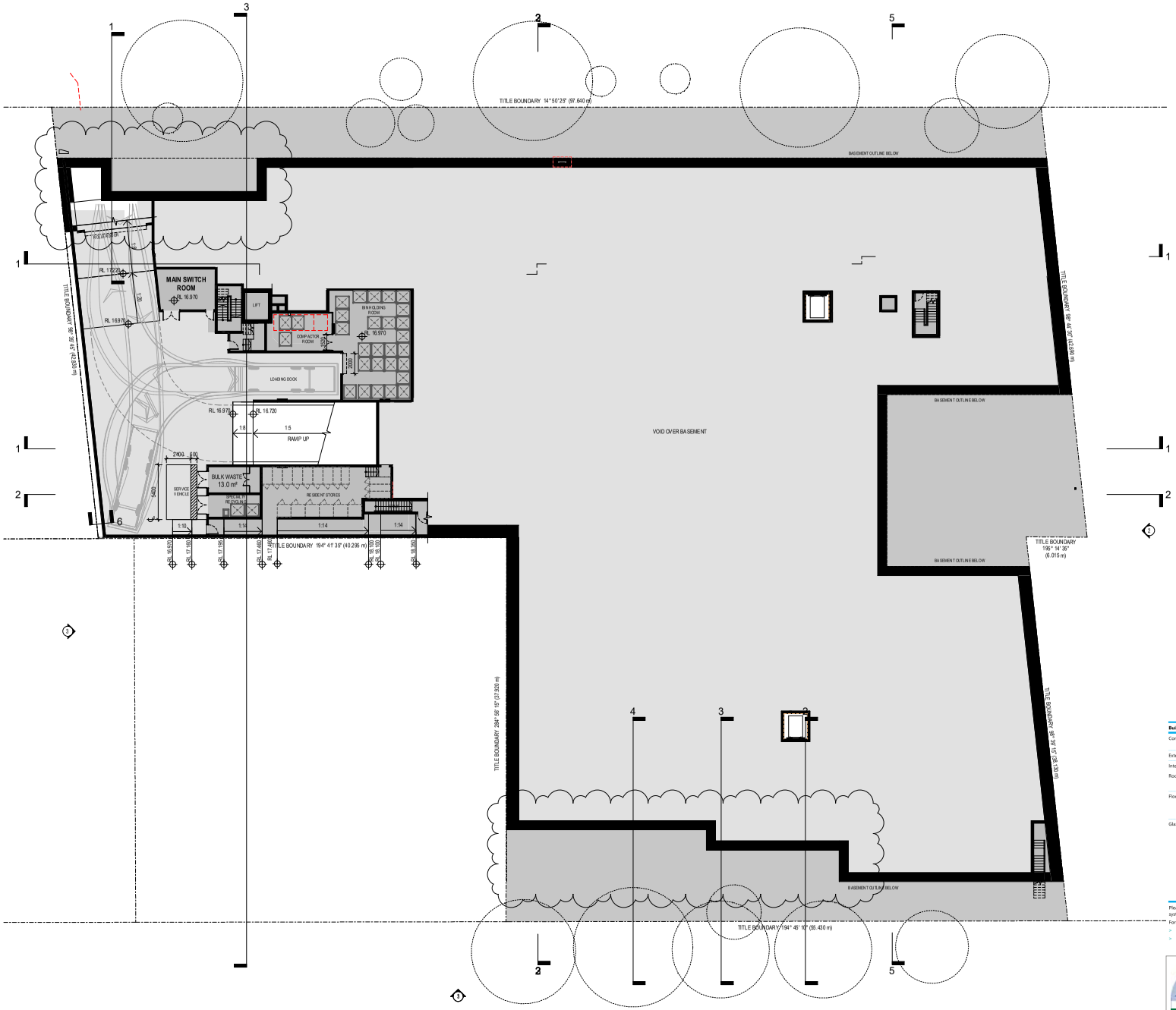
Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

Project: Dunning Avenue, Rosebery
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: Basement Floor Plan
Project No: 218089
Date: 12.03.18
Author: MG
Scale: @ A1: 1 : 200
Drawing No: DA2-100 C

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Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
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Certificate Number: MBAYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

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DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW
B	15.01.20	TPZ UPDATE	NE

17/01/2020 1:50:50 PM

LEGEND
TPZ
SRZ
CANOPY

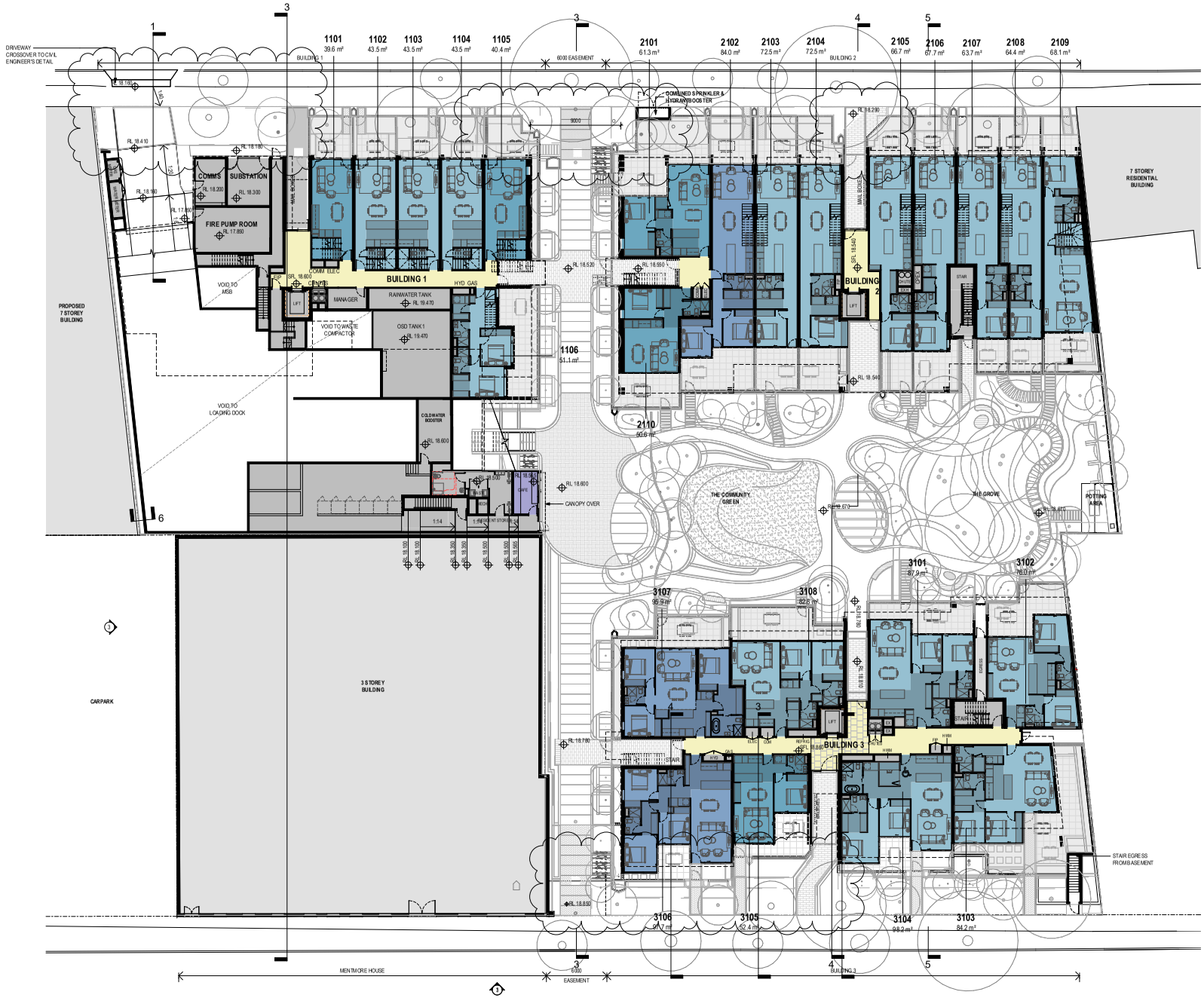
Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Upper Basement Floor Plan**

Project No: 218089
Date: 17/01/19
Author: YY
Scale: @ A1: 1 : 200
Drawing No: DA2-101 B

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154

BUILDING LINE OVERHEAD

1B 2B 3B 2400 CEILING ZONE WITHIN APARTMENT

DEVELOPMENT APPLICATION

Revisions				
	-	15.04.19	DEVELOPMENT APPLICATION	NE
	A	13.11.19	COUNCIL RESUBMISSION	KW
	B	15.01.20	TPZ UPDATE	NE
	C	17.01.20	COUNCIL UPDATE	NE

17/01/2020 1:51:05 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Level 1 Floor Plan**

Project No: **218089**

Date: **03.12.18**

Author: **MG**

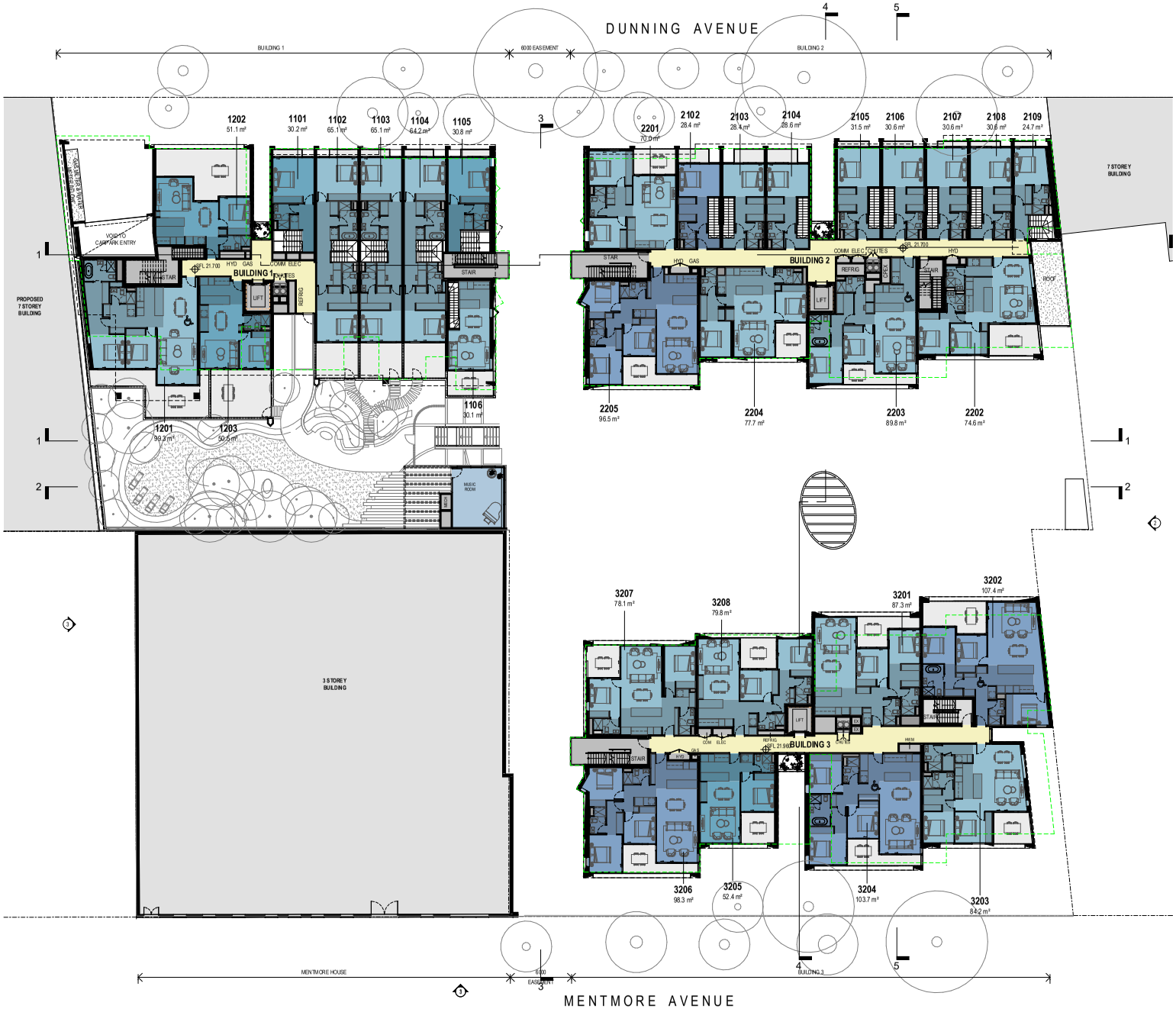
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Drawing No: **DA2-102 C**

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155

BUILDING LINE OVERHEAD

1B 2B 3B 2400 CEILING ZONE WITHIN APARTMENT

DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 12:55:04 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Level 2 Floor Plan**

Project No: **218089**

Date: **03.12.18**

Author: **MG**

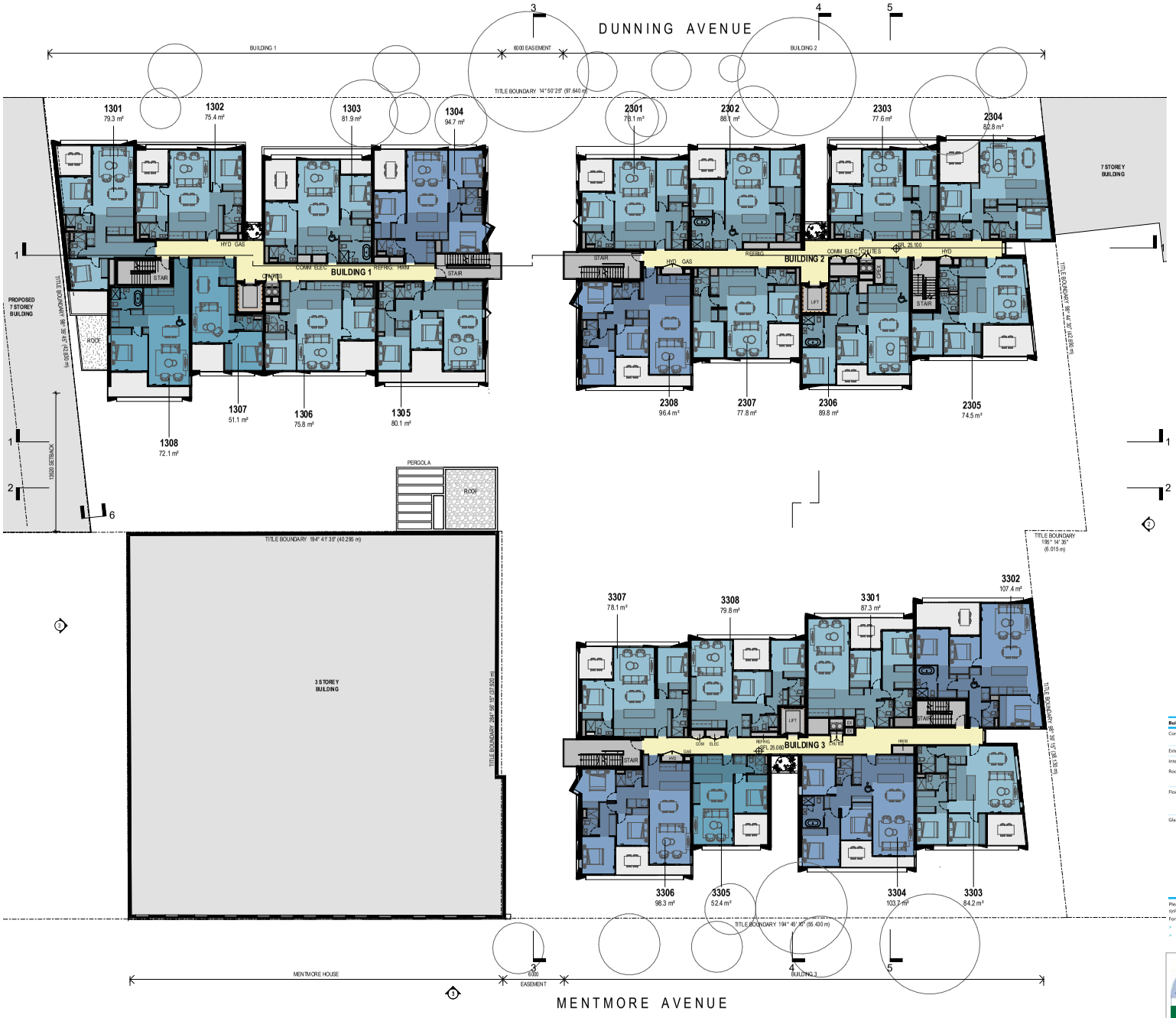
Scale: @ A1 **1 : 200**

Drawing No: **DA2-103 A**

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156

BUILDING LINE OVERHEAD

1B 2B 3B 2400 CEILING ZONE WITHIN APARTMENT

DEVELOPMENT APPLICATION

Revisions				
	-	15.04.19	DEVELOPMENT APPLICATION	NE
	A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 12:55:21 PM

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating NATIONWIDE HOUSE ENERGY RATING SCHEME www.nathers.gov.au

Certificate Number: MBAYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Level 3 Floor Plan**

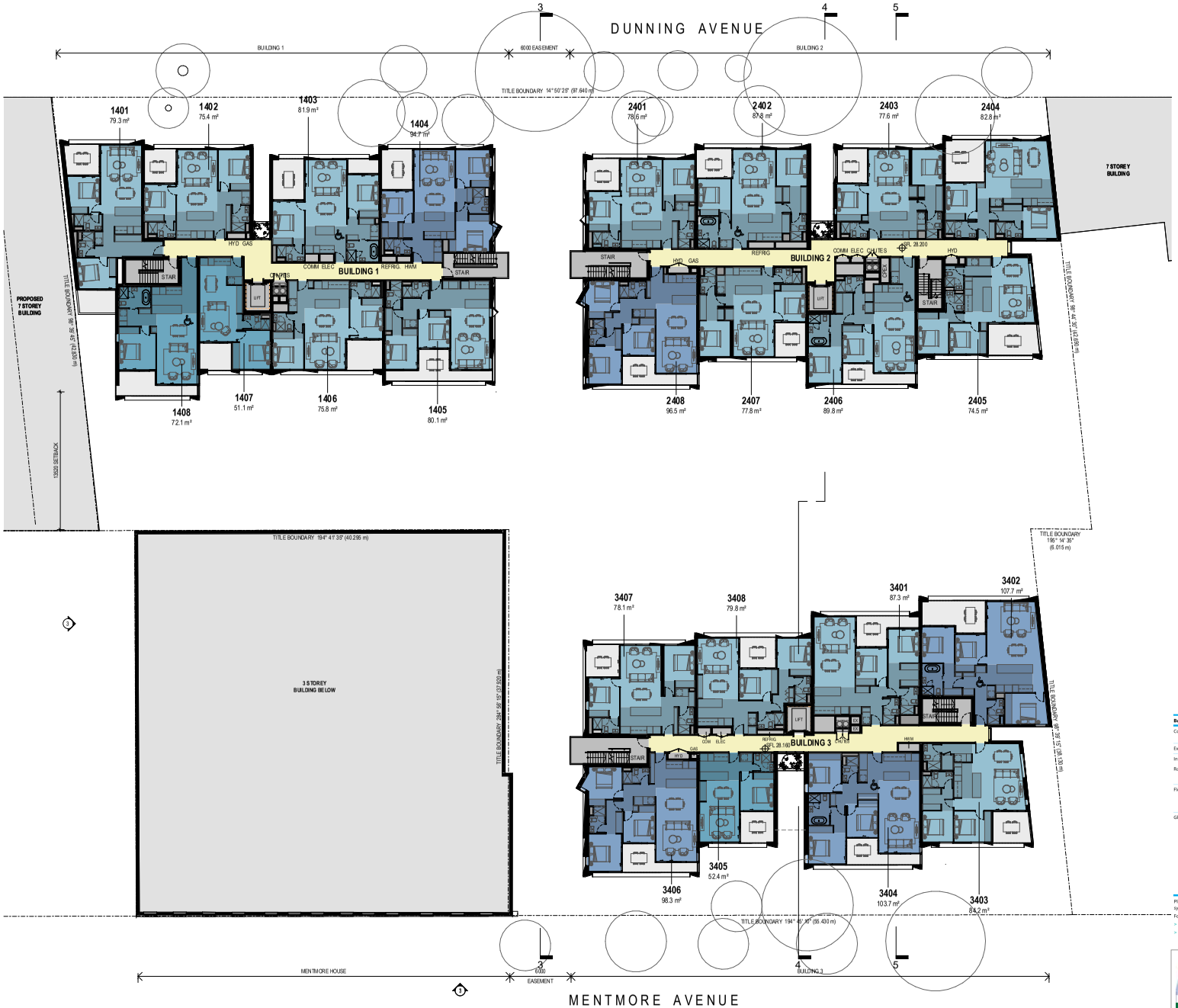
Project No: 218089 | Date: 03.12.18 | Author: MG | Scale: @ A1: 1 : 200

Drawing No: **DA2-104 A**

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157

BUILDING LINE OVERHEAD

1B 2B 3B 2400 CEILING ZONE WITHIN APARTMENT

DEVELOPMENT APPLICATION

Revisions				
	-	15.04.19	DEVELOPMENT APPLICATION	NE
	A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 12:55:39 PM

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

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6.8 Average star rating NATIONWIDE HOUSE ENERGY RATING SCHEME www.nathers.gov.au

Certificate Number: MBAYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018

www.nathers.gov.au

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Level 4 Floor Plan**

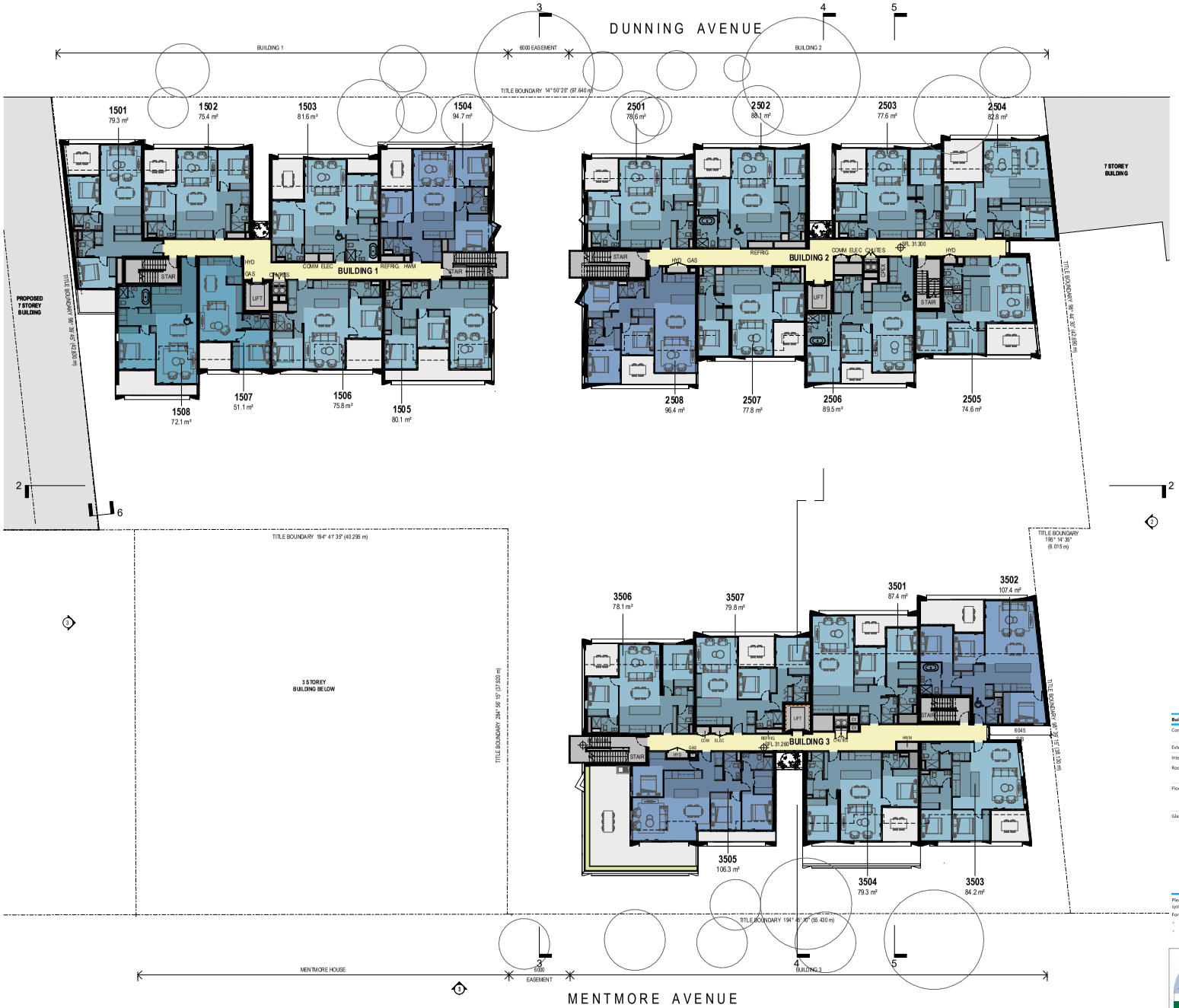
Project No: 218089 | Date: 03.12.18 | Author: MG | Scale: @ A1: 1 : 200

Drawing No: **DA2-105 A**

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158

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
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Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

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6.8 Average star rating NATIONWIDE HOUSE ENERGY RATING SCHEME www.nathers.gov.au

Certificate Number: MBAYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018

www.nathers.gov.au

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1B 2B 3B

2400 CEILING ZONE WITHIN APARTMENT

BUILDING LINE OVERHEAD

DEVELOPMENT APPLICATION

Revisions				
	-	15.04.19	DEVELOPMENT APPLICATION	NE
	A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 12:55:57 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Level 5 Floor Plan**

Project No: 218089

Date: 03.12.18

Author: MG

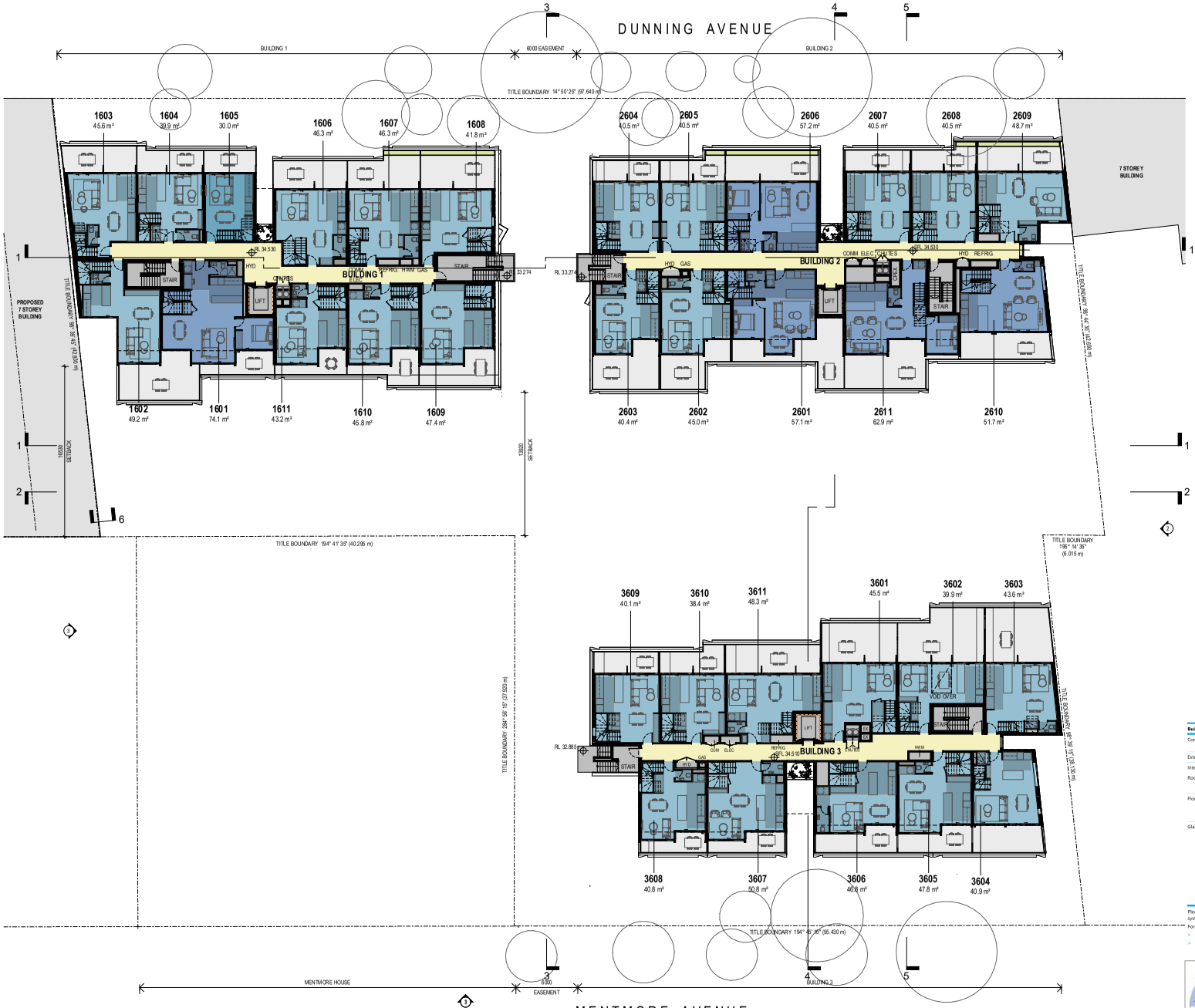
Scale: @ A1: 1 : 200

Drawing No: DA2-106 A

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BUILDING LINE OVERHEAD

1B 2B 3B 2400 CEILING ZONE WITHIN APARTMENT

DEVELOPMENT APPLICATION

Revisions				
	-	15.04.19	DEVELOPMENT APPLICATION	NE
	A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 12:56:16 PM

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

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6.8 Average star rating NATIONWIDE HOUSE ENERGY RATING SCHEME www.nathers.gov.au

Certificate Number: MBAYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Level 6 Floor Plan**

Project No: 218089

Date: 03.12.18

Author: MG

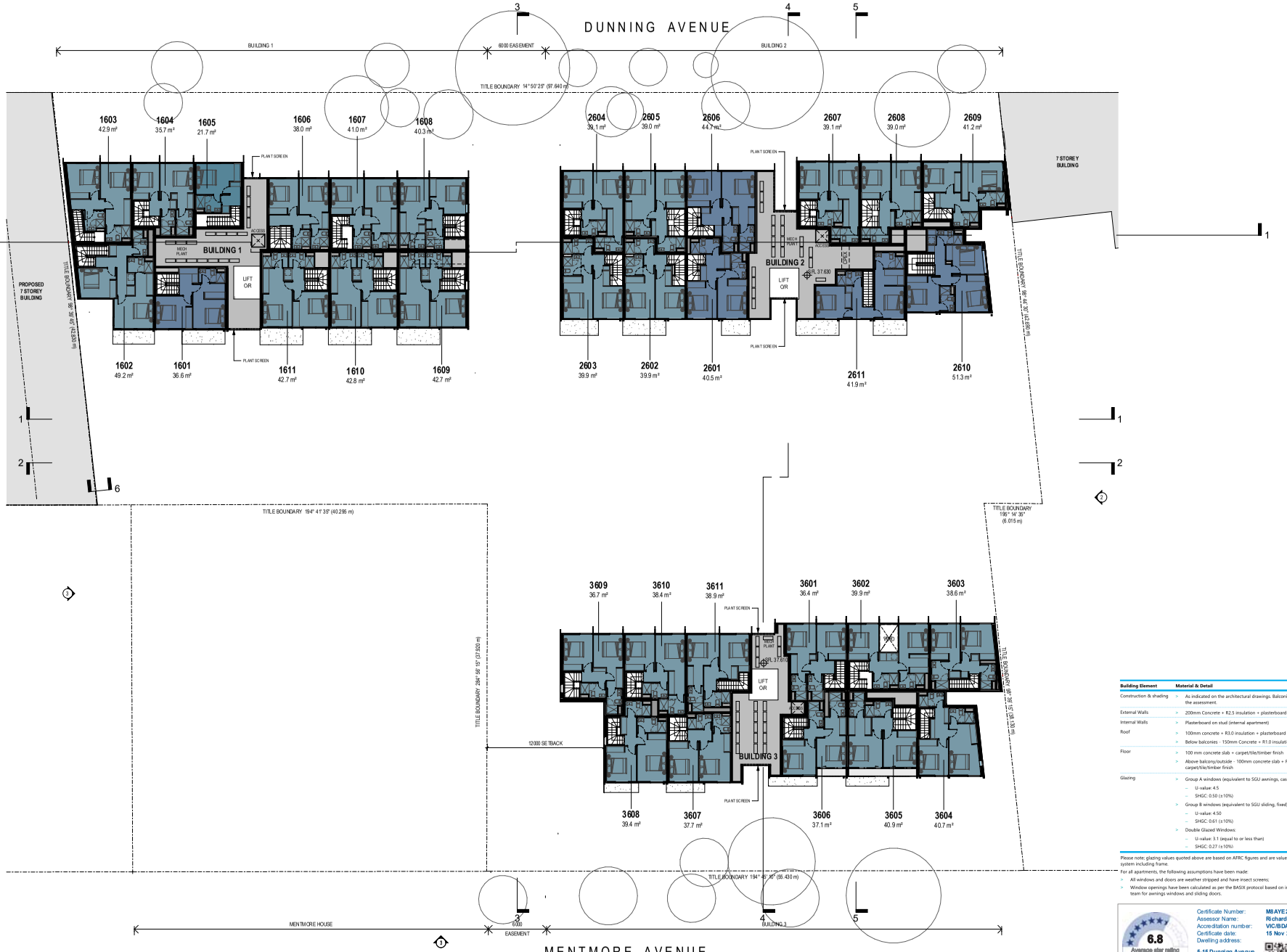
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Drawing No: DA2-107 A

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160

BUILDING LINE OVERHEAD

1B 2B 3B 2400 CEILING ZONE WITHIN APARTMENT

DEVELOPMENT APPLICATION

Revisions				
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 12:56:29 PM

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating NATIONWIDE HOUSE ENERGY RATING SCHEME www.nathers.gov.au

Certificate Number: MBAYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018

www.nathers.gov.au

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Level 7 Floor Plan**

Project No: **218089**

Date: **03.12.18**

Author: **MG**

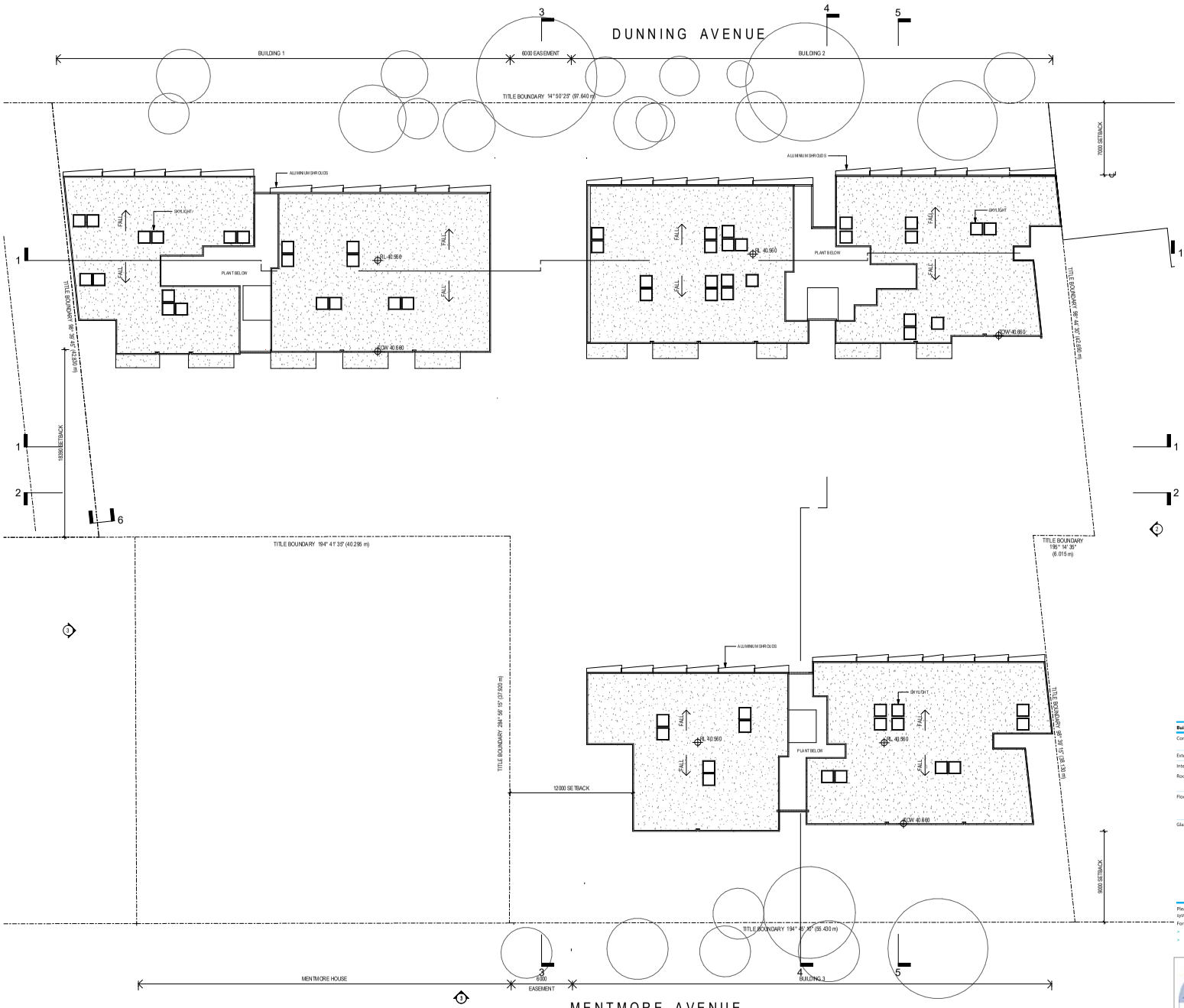
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Drawing No: **DA2-108 A**

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Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: MBAYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

RDocument(1.0)*[ProjectID(MBAYE2584G)]*[ProjectCert(MBAYE2584G)]*[ProjectCert(MBAYE2584G)]*[ProjectCert(MBAYE2584G)]

DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 12:56:36 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Roof Plan**

Project No: **218089**

Date: **03.12.18**

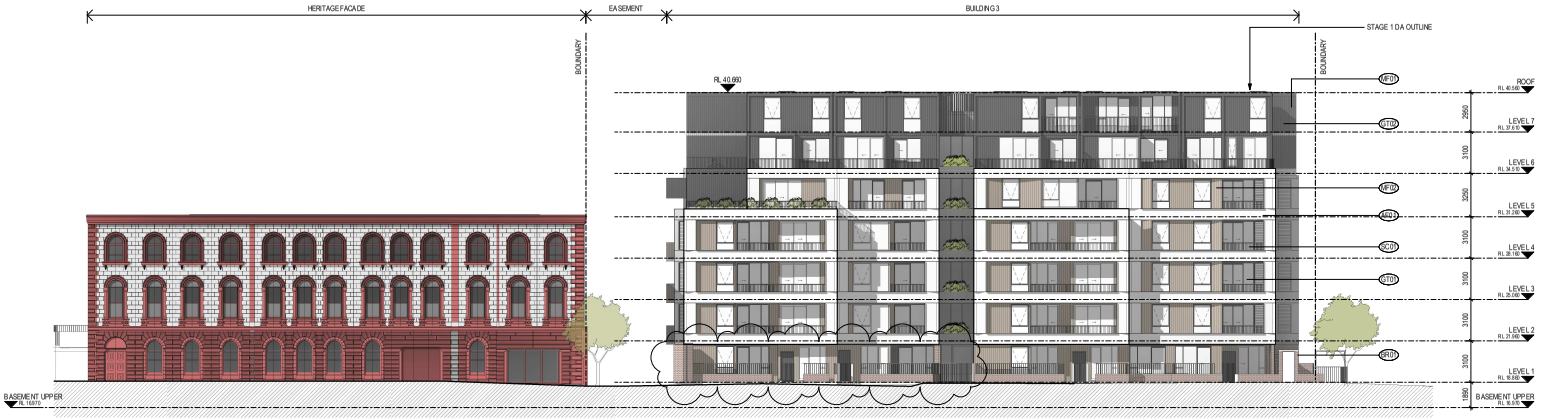
Author: **MG**

Scale: @ A1 **1 : 200**

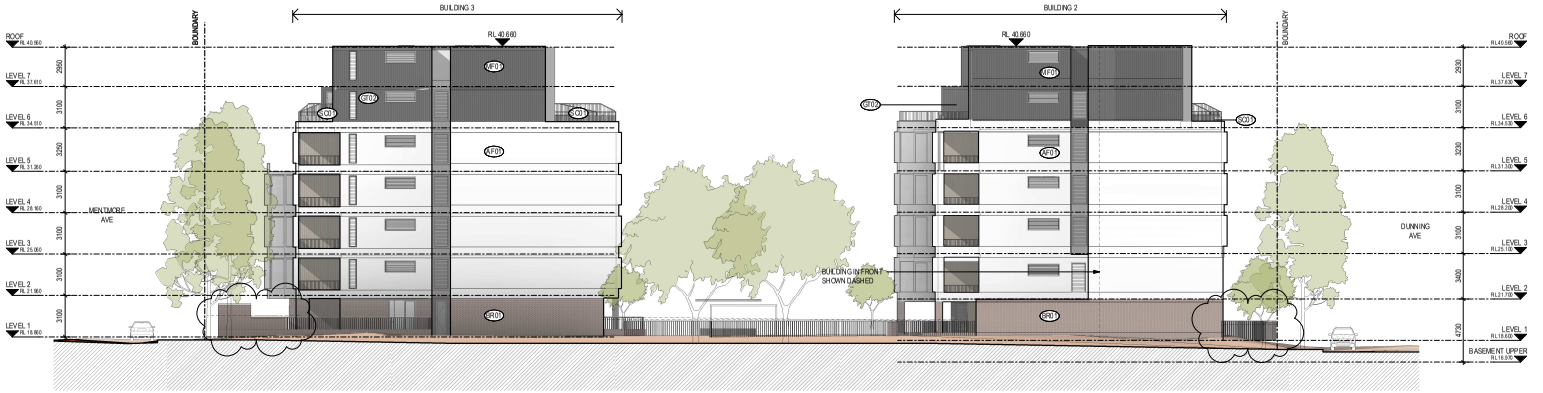
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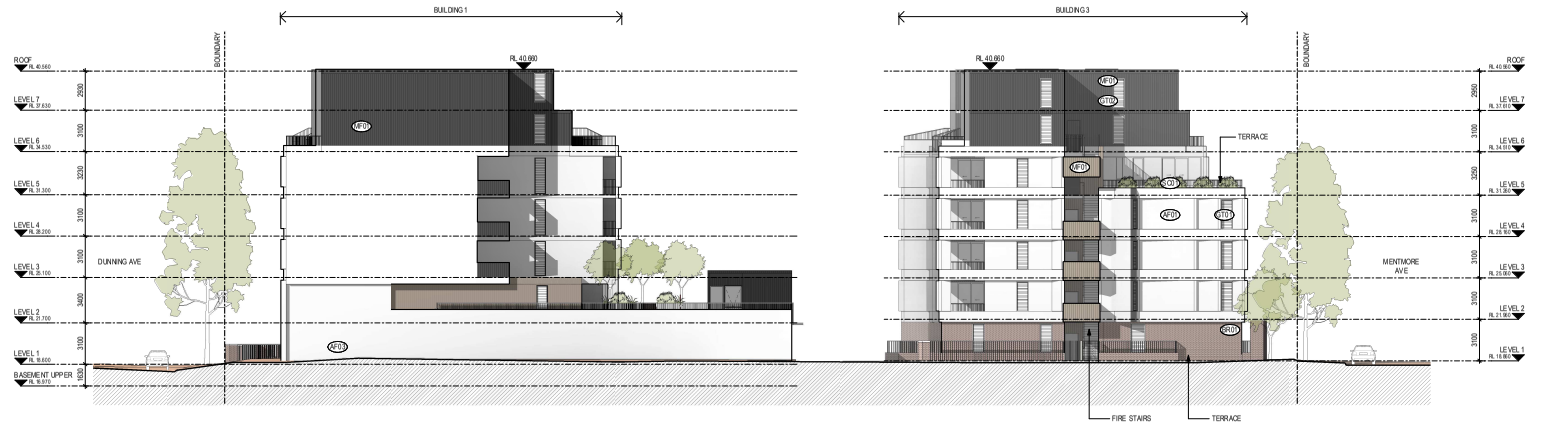
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1 - EAST ELEVATION
SCALE 1 : 200



2 - NORTH ELEVATION
SCALE 1 : 200



3 - SOUTH ELEVATION
SCALE 1 : 200

LEGEND
- (AP01) APPLIED FINISH - WHITE
- (AP02) APPLIED FINISH - CHARCOAL
- (BR1) BRICK FINISH
- (GT01) CLEAR GLASS
- (GT02) GREY GLASS
- (MP01) CHARCOAL PROFILED METAL
- (MP02) BRONZE PROFILED METAL
- (PC01) PC ALUMINIUM BALUSTRADE

NOTE - STREET TREES NOT SHOWN IN ELEVATION FOR DRAWING CLARITY

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: MBAYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018

www.nathers.gov.au

https://www.nathers.gov.au/Rating/Rating/RatingDetail?RatingID=MBAYE2584G&DisplayCertificate=True

DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW
B	28.11.19	UPDATED ELEVATIONS	NE

17/01/2020 1:52:41 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Elevations Sheet 1**

Project No: **218089**

Date: **03.12.18**

Author: **MG**

Scale: @ A1 **As indicated**

Drawing No: **DA2-301 B**

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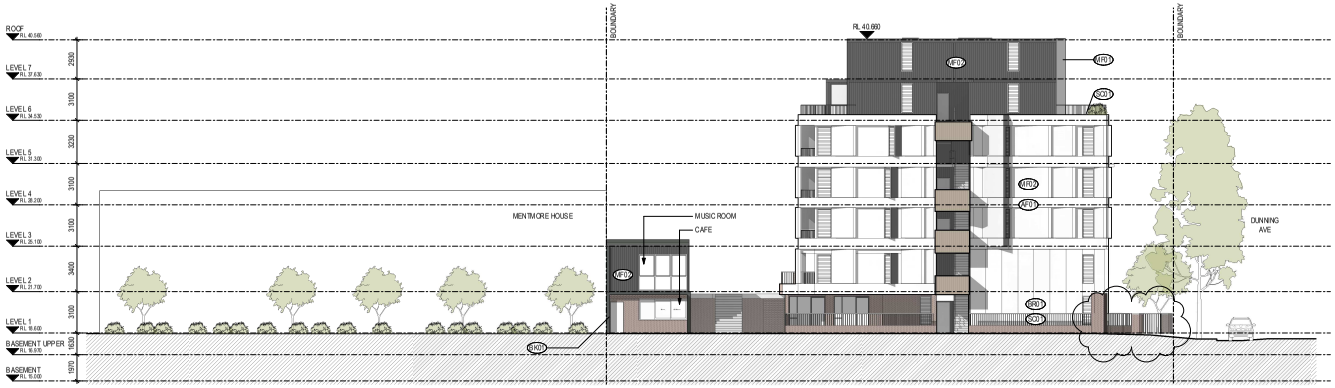


LEGEND

- AFR1 APPLIED FINISH - WHITE
- AFR2 APPLIED FINISH - CHARCOAL
- BRK1 BRICK FINISH
- GTD1 CLEAR GLASS
- GTD2 GREY GLASS
- MFD1 CHARCOAL PROFILED METAL
- MFD2 BRONZE PROFILED METAL
- SCR1 PC ALUMINIUM BALUSTRADE

NOTE - STREET TREES NOT SHOWN IN ELEVATION FOR DRAWING CLARITY

2 / - WEST ELEVATION
SCALE 1 : 200



1 / - NORTH ELEVATION, BUILDING 1
SCALE 1 : 200

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: MBAYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018

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DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW
B	28.11.19	UPDATED ELEVATIONS	NE

17/01/2020 1:53:27 PM

Project / **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing / **Elevations Sheet 2**

Project No / **218089**

Date / **03.12.18**

Author / **MG**

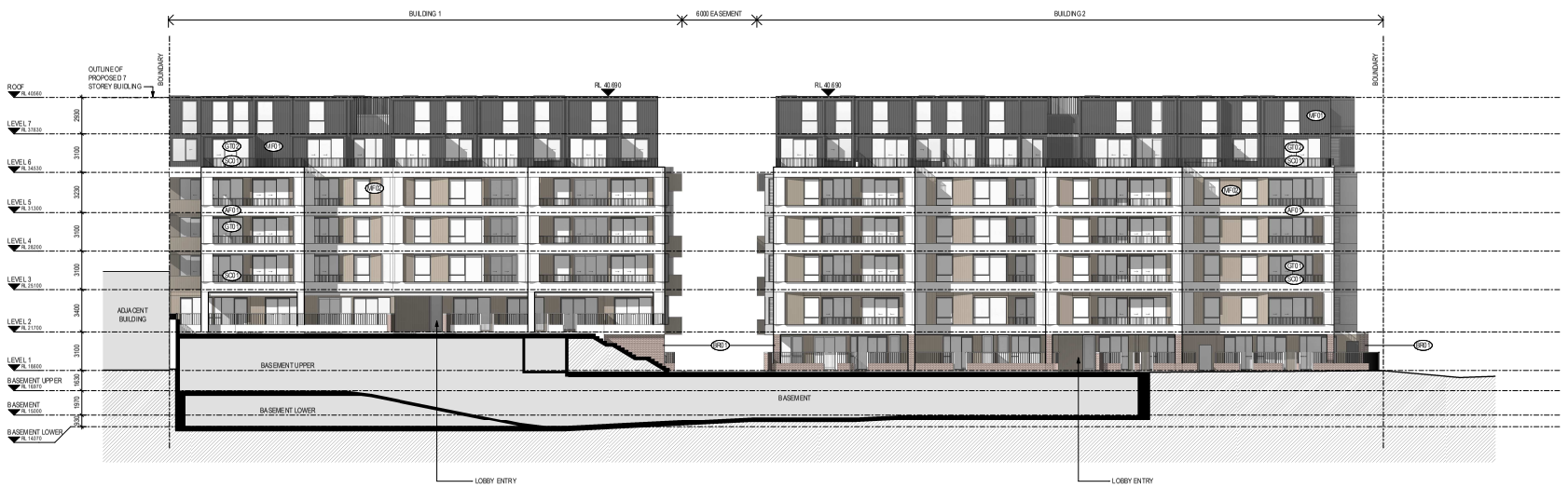
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Drawing No / **DA2-302 B**

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1 / - EAST ELEVATION, BUILDING 1 & 2
SCALE 1 : 200

LEGEND

- APF1 APPLIED FINISH - WHITE
- APF2 APPLIED FINISH - CHARCOAL
- BRK1 BRICK FINISH
- CLR1 CLEAR GLASS
- GRY1 GREY GLASS
- MFP1 CHARCOAL PROFILED METAL
- MFP2 BRONZE PROFILED METAL
- PCP1 PC ALUMINIUM BALUSTRADE

NOTE - STREET TREES NOT SHOWN IN ELEVATION FOR DRAWING CLARITY

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: MBAYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
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DEVELOPMENT APPLICATION

Revisions			
-	06.06.19	DEVELOPMENT APPLICATION	MG
A	13.11.19	COUNCIL RESUBMISSION	KW
B	28.11.19	UPDATED ELEVATIONS	NE

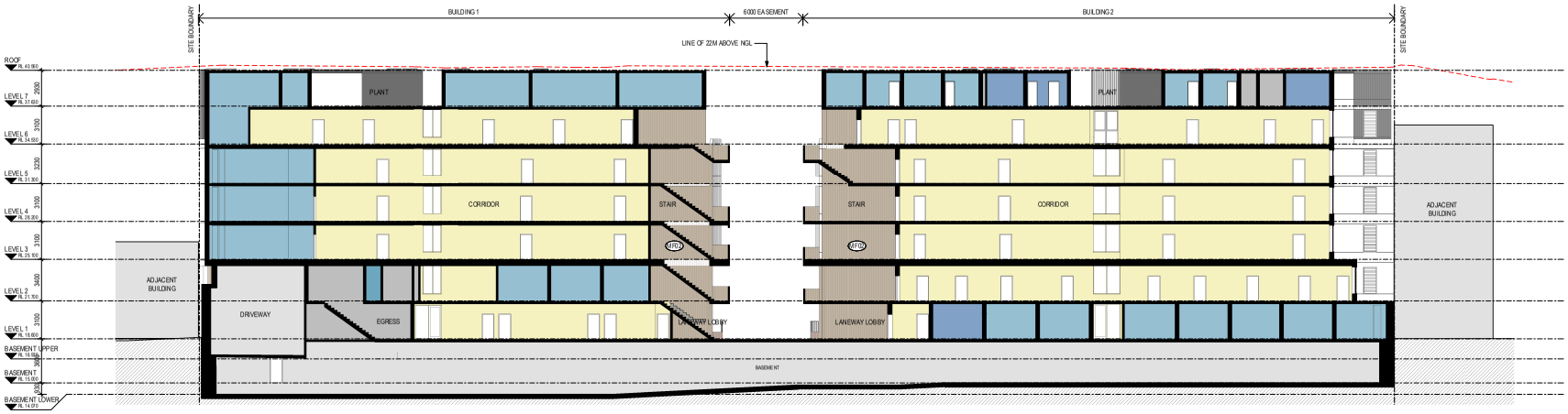
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Project: Dunning Avenue, Rosebery
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: Elevations Sheet 3
Project No: 218089
Date: 06/06/19
Author: MG
Scale: @ A1: As indicated
Drawing No: DA2-303 B

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SECTION 1



SECTION 2

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW
B	23.12.13	UPDATED SECTIONS	NE

23/12/2019 1:40:37 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Sections Sheet 1**

Project No: **218089**

Date: **03/12/18**

Author: **MG**

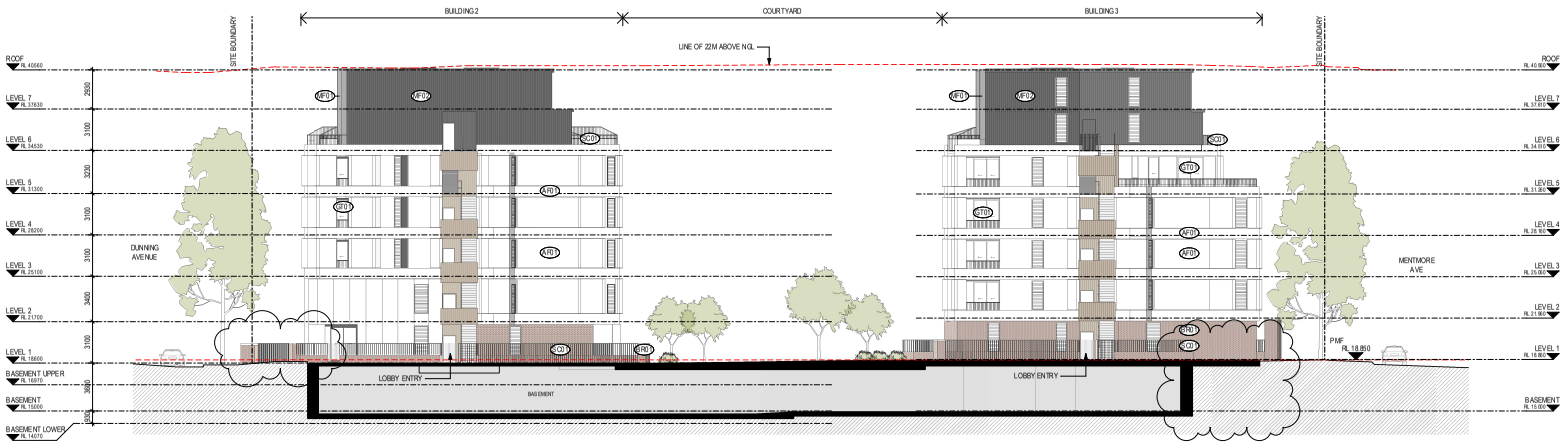
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Drawing No: **DA2-304 B**

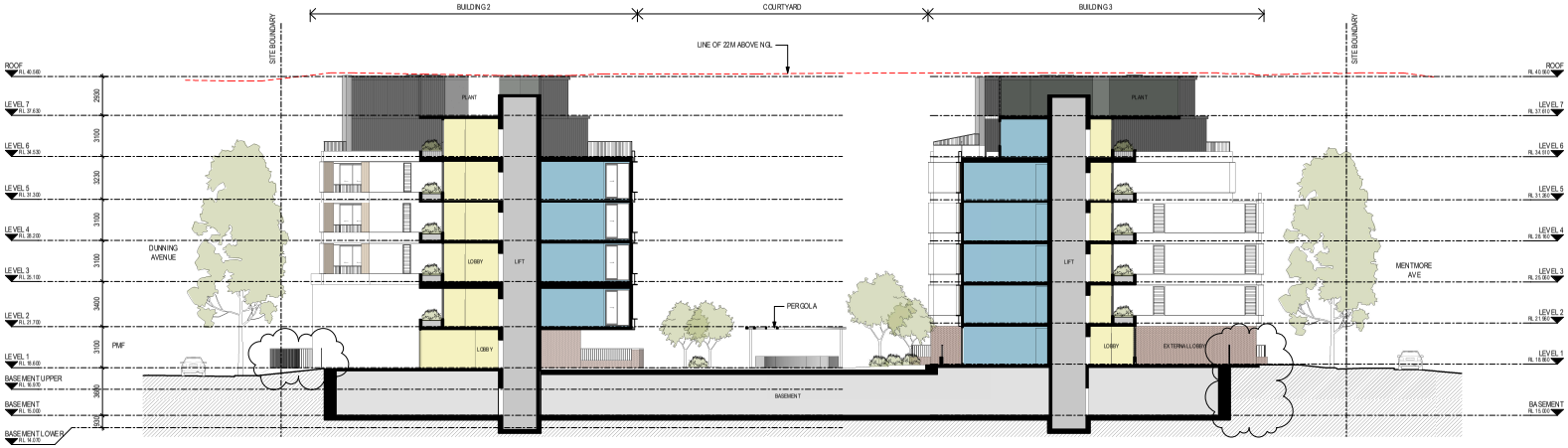
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Brisbane, Melbourne, Sydney
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SECTION 3



SECTION 4

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note, glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating NATIONWIDE HOUSE ENERGY RATING SCHEME www.nathers.gov.au

Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW
B	23.12.13	UPDATED SECTIONS	NE

17/01/2020 1:53:43 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Sections Sheet 2**

Project No: **218089**

Date: **03/12/18**

Author: **MG**

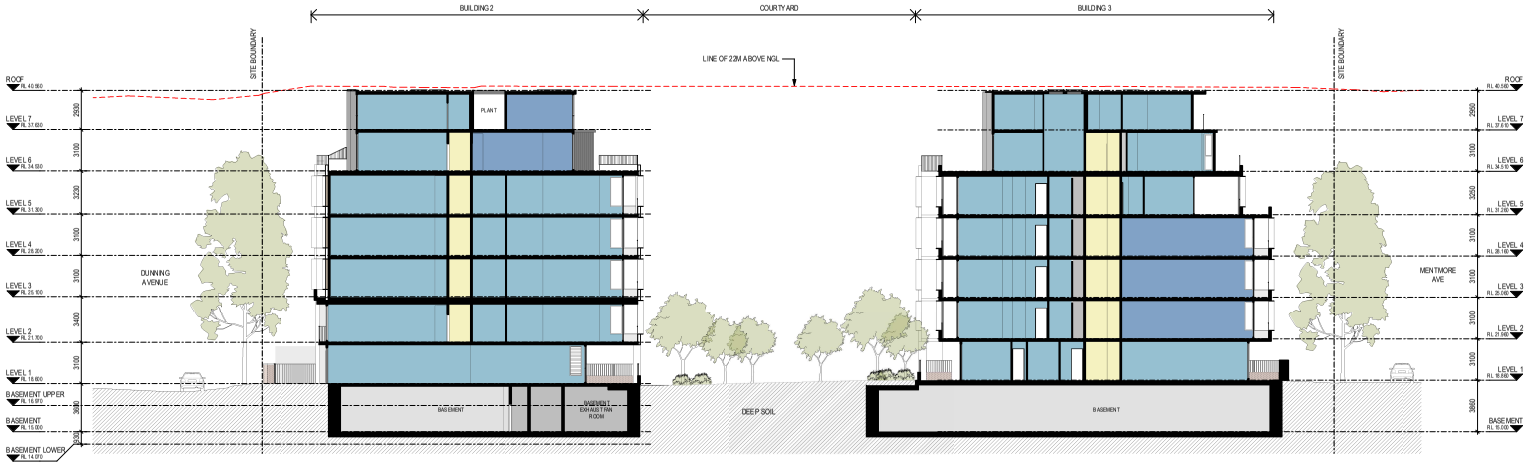
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Drawing No: **DA2-305 B**

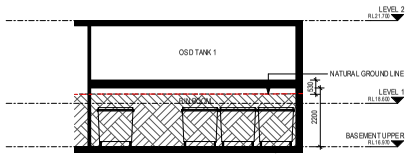
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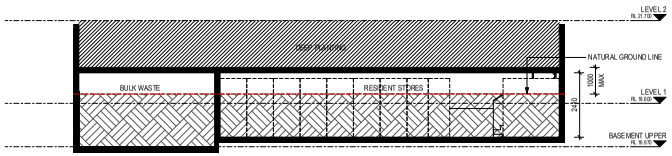
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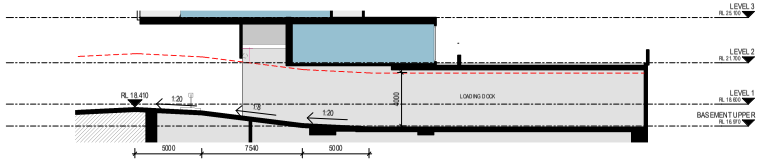
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5 SECTION 5
SCALE 1 : 200



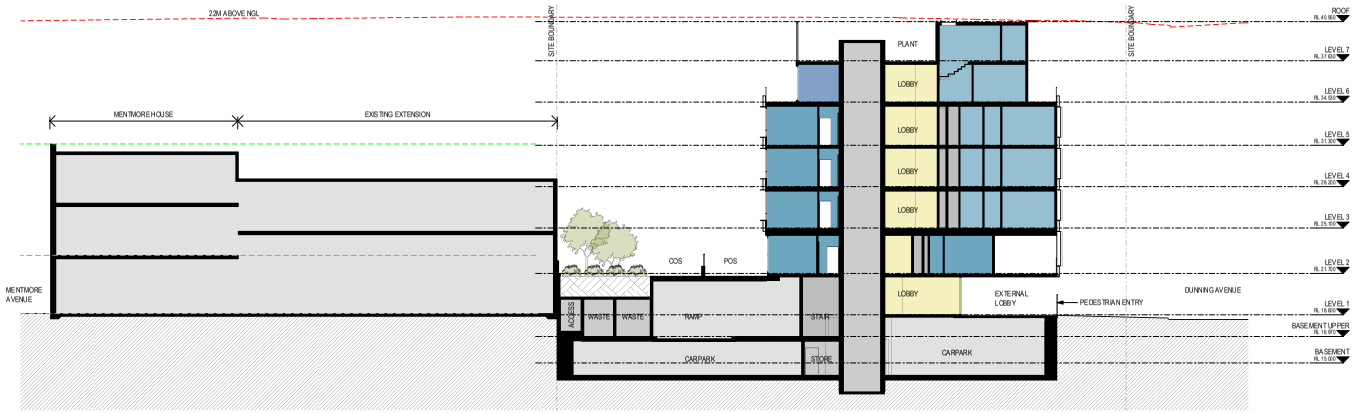


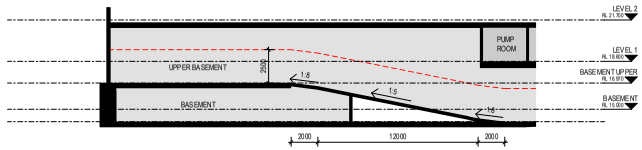


1 SECTION - UPPER BASEMENT BIN ROOM
SCALE 1 : 100

2 SECTION - UPPER BASEMENT RESIDENT STORES
SCALE 1 : 100

4 DRIVEWAY SECTION
SCALE 1 : 200





3 SECTION 7 - BUILDING 1 LOBBY
DA2-003 SCALE 1 : 200

6 RAMP SECTION
SCALE 1 : 200

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note; glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;
> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

https://www.first.com.au/QM8AYE2584G/QSHQ

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DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW
B	23.12.13	UPDATED SECTIONS	NE
C	10.01.20	COUNCIL UPDATE	NE

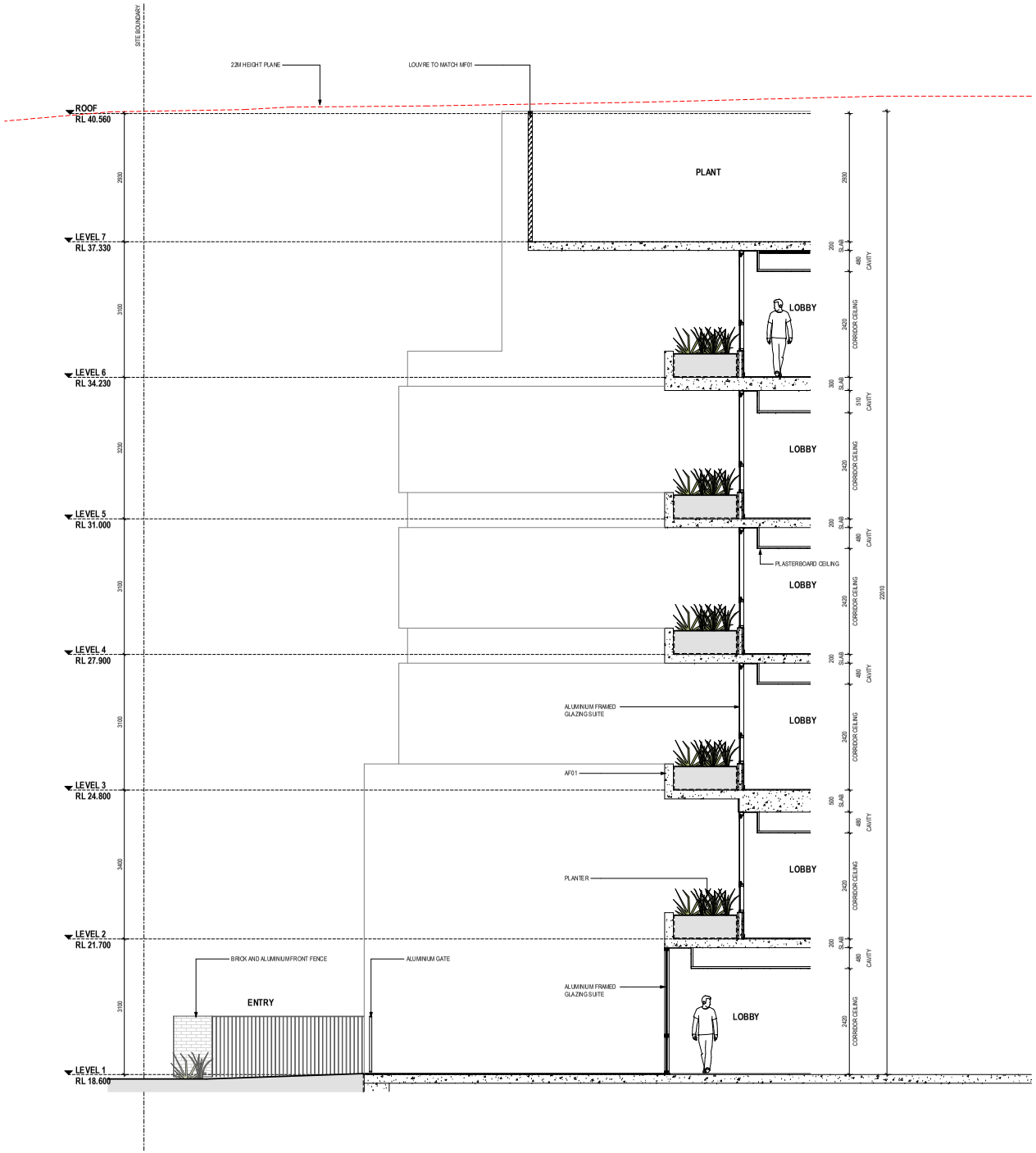
10/01/2020 3:26:30 PM

Project: Dunning Avenue, Rosebery
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: Sections Sheet 3
Project No: 218089
Date: 14/01/19
Author: MG
Scale: @ A1: As indicated
Drawing No: DA2-310 C

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Building Element	Material & Detail
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NATIONWIDE HOUSE ENERGY RATING SCHEME
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Certificate Number: MBAYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018

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DEVELOPMENT APPLICATION

Revisions			
-	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:00:27 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

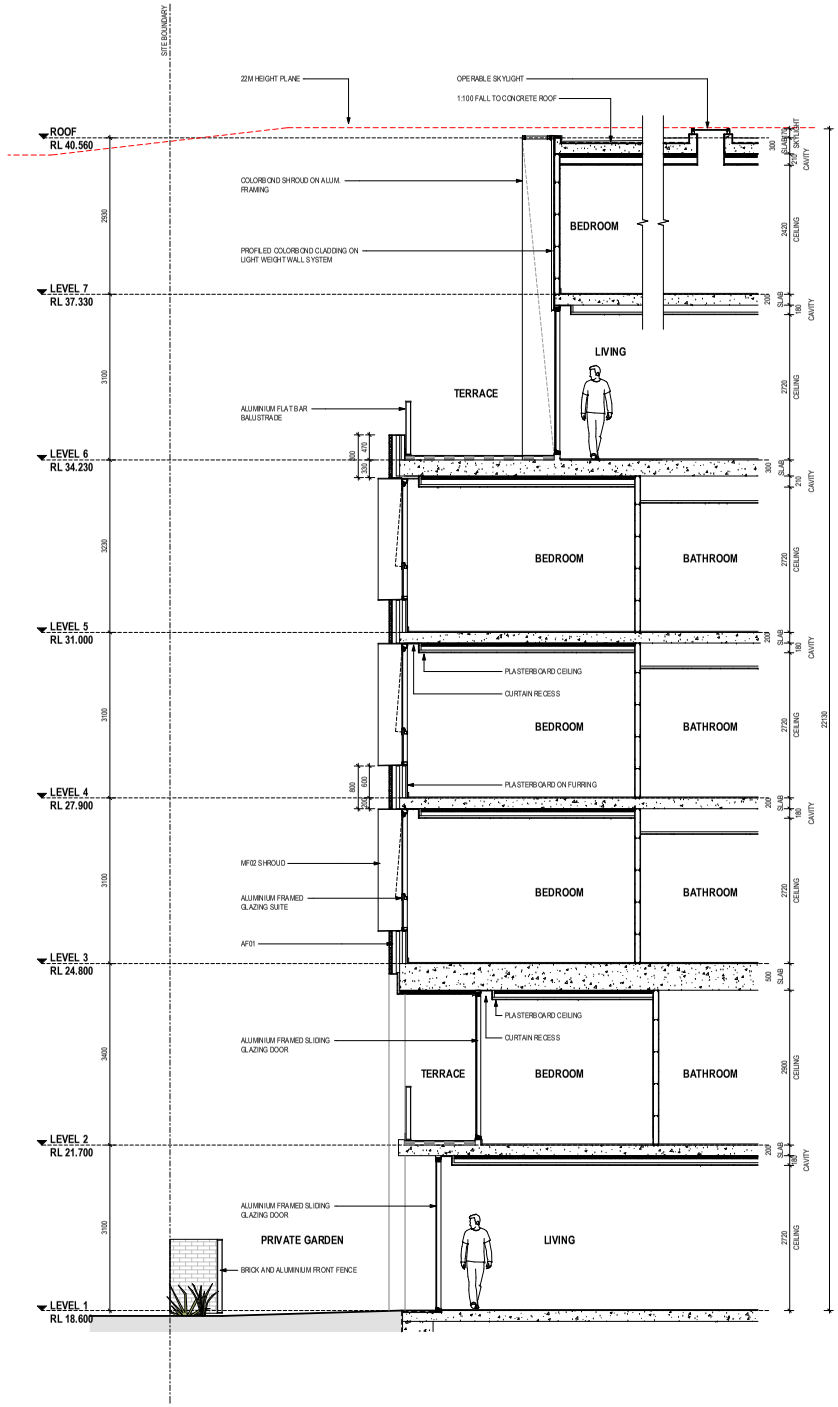
Drawing: **Building 1 - Facade Section Detail**

Project No: 218089 Date: 11/11/19 Author: MG Scale: @ A1: 1 : 50

Drawing No: DA2-311 -

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Certificate Number: MBAYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

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DEVELOPMENT APPLICATION

Revisions				
	-	15.04.19	DEVELOPMENT APPLICATION	NE
	A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:00:32 PM

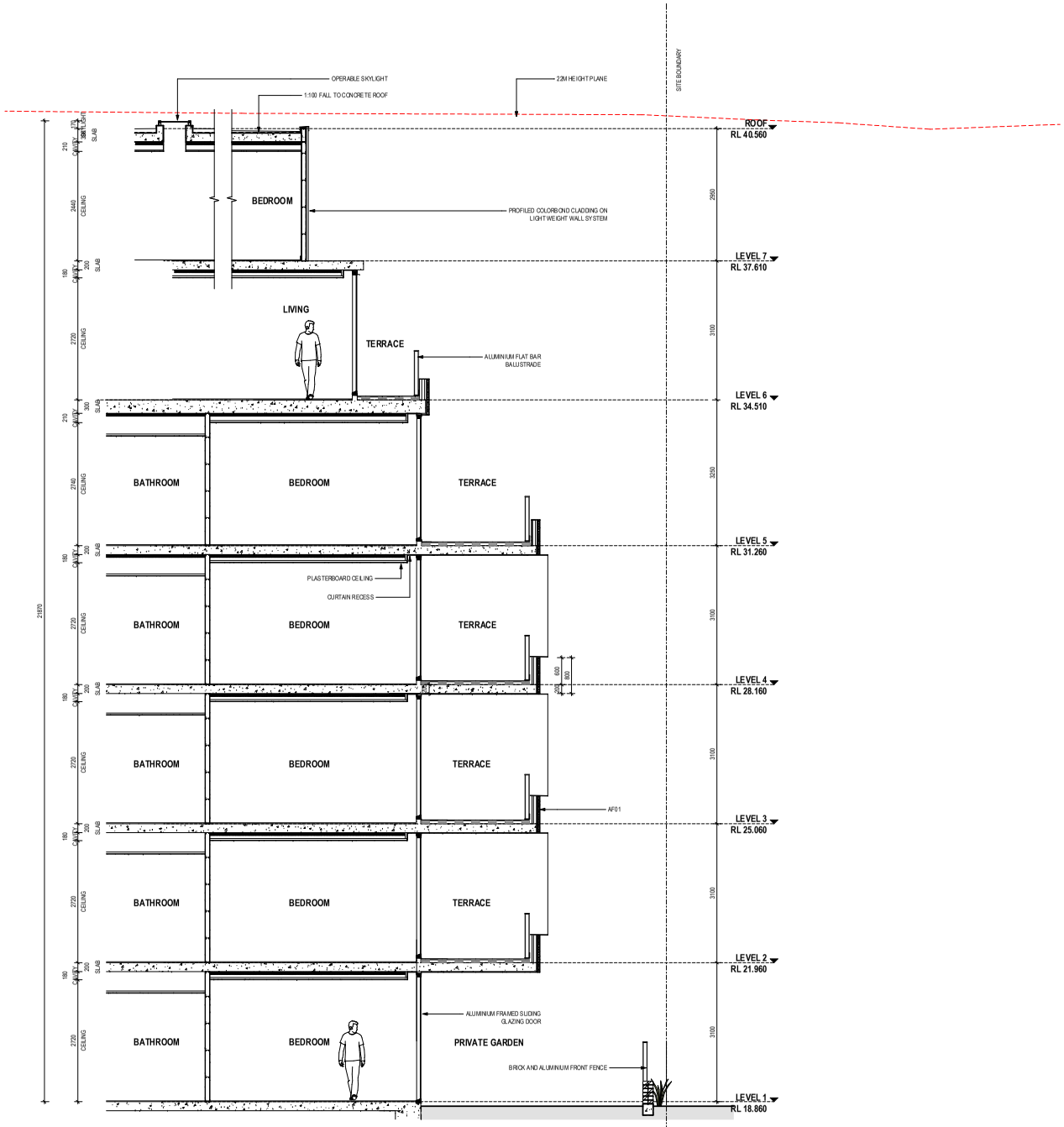
Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 2 - Facade Section Detail**

Project No: 218089
Date: 28/11/18
Author: NE
Scale: @ A1: 1 : 50
Drawing No: DA2-312 A

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Building Element	Material & Detail
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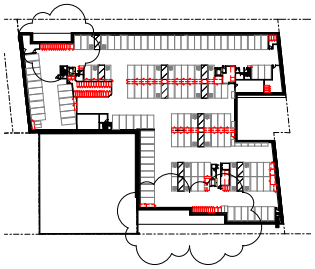
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6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: MBAYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018

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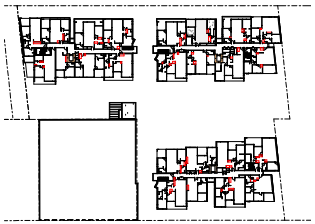
1 - BASEMENT STORAGE PLAN
SCALE 1 : 1000



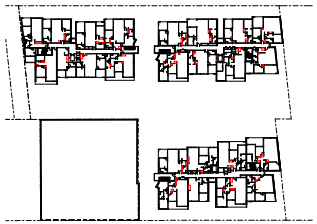
2 - LEVEL 1 STORAGE PLAN
SCALE 1 : 1000



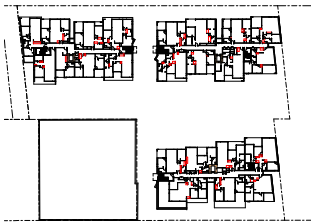
3 - LEVEL 2 STORAGE PLAN
SCALE 1 : 1000



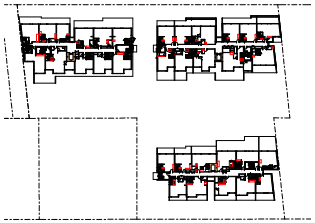
4 - LEVEL 3 STORAGE PLAN
SCALE 1 : 1000



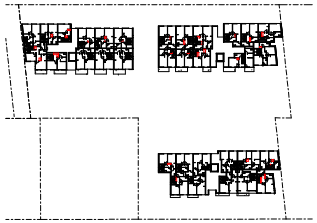
5 - LEVEL 4 STORAGE PLAN
SCALE 1 : 1000



6 - LEVEL 5 STORAGE PLAN
SCALE 1 : 1000



7 - LEVEL 6 STORAGE PLAN
SCALE 1 : 1000



8 - LEVEL 7 STORAGE PLAN
SCALE 1 : 1000

RESIDENTIAL STORAGE WITHIN APARTMENT		
UNIT	BEDS	VOLUME
1101	1 BED	3m³
1102	2 BED	4m³
1103	2 BED	4m³
1104	2 BED	4m³
1105	1 BED	3m³
1106	2 BED	4m³
1201	2 BED	4m³
1202	1 BED	3m³
1203	1 BED	3m³
1301	2 BED	4m³
1302	2 BED	4m³
1303	2 BED	4m³
1304	3 BED	5m³
1305	2 BED	4m³
1306	2 BED	4m³
1307	1 BED	4m³
1308	1 BED	3m³
1401	2 BED	4m³
1402	2 BED	4m³
1403	2 BED	4m³
1404	3 BED	5m³
1405	2 BED	4m³
1406	2 BED	4m³
1407	1 BED	4m³
1408	1 BED	3m³
1501	2 BED	4m³
1502	2 BED	4m³
1503	2 BED	4m³
1504	3 BED	5m³
1505	2 BED	4m³
1506	2 BED	4m³
1507	1 BED	4m³
1508	1 BED	3m³
1601	3 BED	6m³
1602	2 BED	8m³
1603	2 BED	5m³
1604	2 BED	5m³
1605	1 BED	3m³
1606	2 BED	4m³
1607	2 BED	4m³
1608	2 BED	4m³
1609	2 BED	4m³

RESIDENTIAL STORAGE WITHIN APARTMENT		
UNIT	BEDS	VOLUME
2101	1 BED	4m³
2102	3 BED	5m³
2103	2 BED	4m³
2104	2 BED	5m³
2105	2 BED	5m³
2106	2 BED	5m³
2107	2 BED	4m³
2108	2 BED	5m³
2109	2 BED	5m³
2110	1 BED	3m³
2201	2 BED	6m³
2202	2 BED	4m³
2203	2 BED	4m³
2204	2 BED	4m³
2205	3 BED	6m³
2301	2 BED	5m³
2302	2 BED	6m³
2303	2 BED	4m³
2304	2 BED	5m³
2305	2 BED	4m³
2306	2 BED	4m³
2307	2 BED	4m³
2308	3 BED	6m³
2401	2 BED	5m³
2402	2 BED	6m³
2403	2 BED	4m³
2404	2 BED	5m³
2405	2 BED	4m³
2406	2 BED	4m³
2407	2 BED	4m³
2408	3 BED	6m³
2501	2 BED	5m³
2502	2 BED	6m³
2503	2 BED	4m³
2504	2 BED	5m³
2505	2 BED	4m³
2506	2 BED	4m³
2507	2 BED	4m³
2508	3 BED	6m³
2601	3 BED	6m³
2602	2 BED	4m³
2603	2 BED	4m³
2604	2 BED	4m³
2605	2 BED	4m³
2606	3 BED	5m³
2607	2 BED	4m³
2608	2 BED	4m³
2609	2 BED	4m³
2610	3 BED	5m³
2611	3 BED	5m³

RESIDENTIAL STORAGE WITHIN APARTMENT		
UNIT	BEDS	VOLUME
3101	2 BED	4m³
3102	2 BED	4m³
3103	2 BED	6m³
3104	2 BED	11m³
3105	1 BED	3m³
3106	3 BED	5m³
3107	3 BED	6m³
3108	2 BED	8m³
3201	2 BED	5m³
3202	3 BED	6m³
3203	2 BED	6m³
3204	3 BED	7m³
3205	1 BED	3m³
3206	3 BED	5m³
3207	2 BED	4m³
3208	2 BED	4m³
3301	2 BED	5m³
3302	3 BED	6m³
3303	2 BED	6m³
3304	3 BED	7m³
3305	1 BED	3m³
3306	3 BED	5m³
3307	2 BED	4m³
3308	2 BED	4m³
3401	2 BED	5m³
3402	3 BED	6m³
3403	2 BED	6m³
3404	3 BED	7m³
3405	1 BED	3m³
3406	3 BED	5m³
3407	2 BED	4m³
3408	2 BED	4m³
3501	2 BED	5m³
3502	3 BED	6m³
3503	2 BED	6m³
3504	2 BED	4m³
3505	3 BED	6m³
3506	2 BED	4m³
3507	2 BED	4m³
3601	2 BED	9m³
3602	2 BED	5m³
3603	2 BED	5m³
3604	2 BED	5m³
3605	2 BED	5m³
3606	2 BED	5m³
3607	2 BED	6m³
3608	2 BED	6m³
3609	2 BED	5m³
3610	2 BED	5m³
3611	2 BED	5m³

RESIDENTIAL STORAGE IN BASEMENTS + GROUND CAR PARKS & STORAGE AREA	
VOLUME	NO. OF STORAGE CAGES
3+ m³	98
4+ m³	75
5+ m³	18

TOTAL STORAGE: 151

UNITS: 1602, 3104, 3108 & 3601 ACHIEVE MINIMUM ADG STORAGE REQUIREMENTS WITH IN APARTMENT

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
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NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: **M8AYE2S84G**
Assessor Name: **Richard Noble**
Accreditation number: **VIC/BDAV/16/1756**
Certificate date: **15 Nov 2019**
Dwelling address: **5-15 Dunning Avenue, Rosebery NSW 2018**
www.nathers.gov.au

Plans checked by Chris Dahlstrom on 15/11/2019
Plans prepared by Richard Noble on 15/11/2019
M8AYE2S84G-GAEqrGqnH+

171

DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

17/01/2020 1:55:18 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Storage Plans and Schedule**

Project No: **218089**

Date: **03/12/18**

Author: **MG**

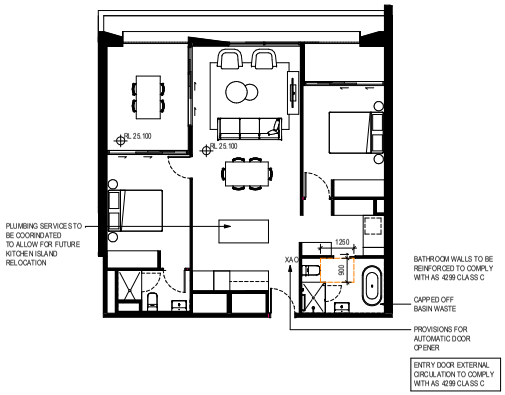
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Drawing No.: **DA2-622 A**

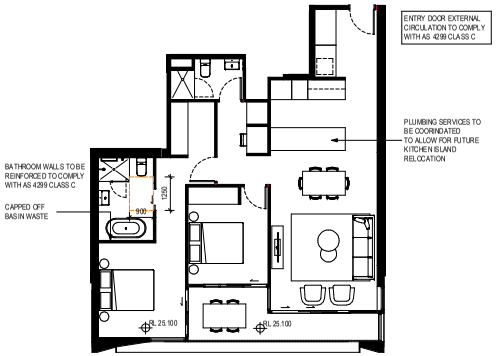
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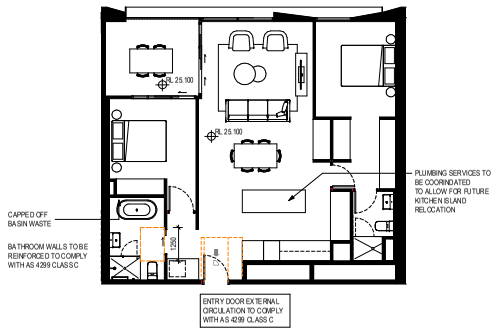
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1 - TYPE 1 - PRE ADAPTION
SCALE 1 : 100



3 - TYPE 2 - PRE ADAPTION
SCALE 1 : 100



5 - TYPE 3 - PRE ADAPTION
SCALE 1 : 100

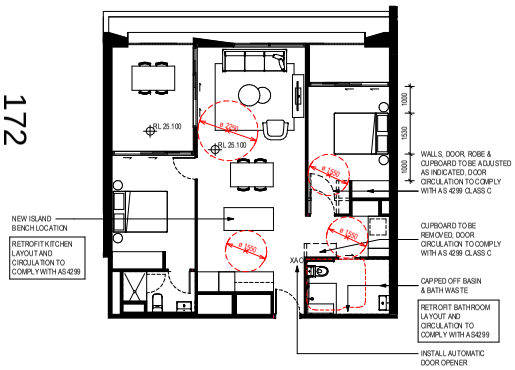
ADAPTABLE APARTMENTS SCHEDULE			
LEVEL	UNIT NUMBER	TYPE	No. of BEDS
LEVEL 2	1201	Type B	2 BED
LEVEL 3	1303	Type 1	2 BED
LEVEL 3	1309	Type 5	1 BED
LEVEL 4	1403	Type 1	2 BED
LEVEL 4	1408	Type 5	1 BED
LEVEL 5	1503	Type 1	2 BED
LEVEL 5	1509	Type 5	1 BED
LEVEL 2	2203	Type 2	2 BED
LEVEL 3	2302	Type 3	2 BED
LEVEL 3	2306	Type 2	2 BED
LEVEL 4	2402	Type 3	2 BED
LEVEL 4	2406	Type 2	2 BED
LEVEL 5	2502	Type 3	2 BED
LEVEL 5	2506	Type 2	2 BED
LEVEL 1	3104	Type 7	2 BED
LEVEL 2	3202	Type 4	3 BED
LEVEL 2	3204	Type 6	3 BED
LEVEL 3	3302	Type 4	3 BED
LEVEL 3	3304	Type 6	3 BED
LEVEL 4	3402	Type 4	3 BED
LEVEL 4	3404	Type 6	3 BED
LEVEL 5	3502	Type 4	3 BED
TOTAL: 22			

22 / 144 = 15.2%

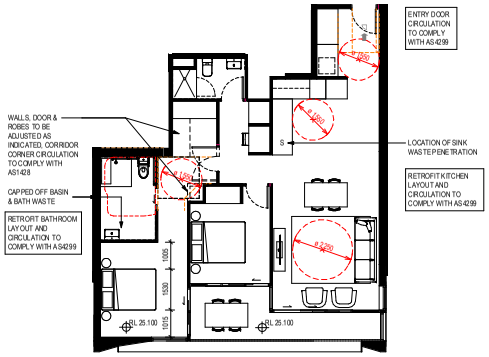
LHA APARTMENTS SCHEDULE	
LEVEL	UNIT NUMBER
LEVEL 1	2106
LEVEL 1	3104
LEVEL 1	3107
LEVEL 2	1201
LEVEL 2	2203
LEVEL 2	3202
LEVEL 2	3204
LEVEL 3	1302
LEVEL 3	1303
LEVEL 3	1304
LEVEL 3	1308
LEVEL 3	2302
LEVEL 3	2306
LEVEL 3	3302
LEVEL 3	3304
LEVEL 4	1402
LEVEL 4	1403
LEVEL 4	1404
LEVEL 4	1408
LEVEL 4	2402
LEVEL 4	2406
LEVEL 4	3402
LEVEL 4	3404
LEVEL 5	1502
LEVEL 5	1503
LEVEL 5	1504
LEVEL 5	1508
LEVEL 5	2502
LEVEL 5	2506
LEVEL 5	3502
TOTAL: 30	

30 / 144 = 20.8%
(SILVER LEVEL)

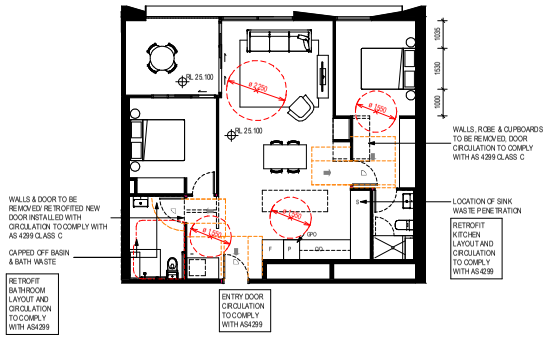
172



2 - TYPE 1 - POST ADAPTION
SCALE 1 : 100



4 - TYPE 2 - POST ADAPTION
SCALE 1 : 100



6 - TYPE 3 - POST ADAPTION
SCALE 1 : 100

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R5.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 150mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: 0MAYE2984G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

DEVELOPMENT APPLICATION

Revisions				
	-	15.04.19	DEVELOPMENT APPLICATION	NE
	A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:04:46 PM

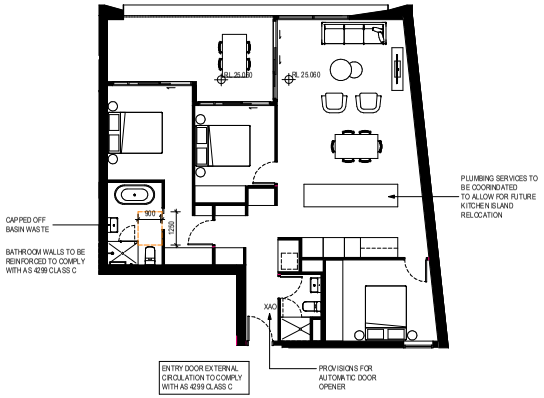
Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Adaptable, LHA Compliant & Accessible Plans**

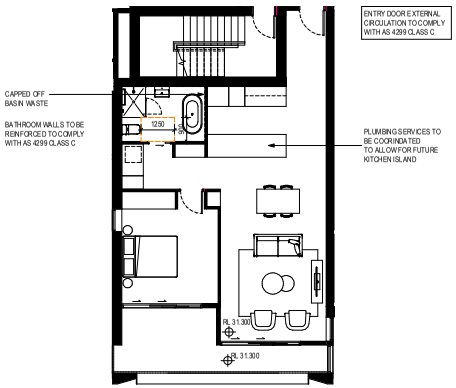
Project No: 218089 | Date: 14.03.18 | Author: SM | Scale: @ A1: 1 : 100 | Drawing No: DA2-631 A

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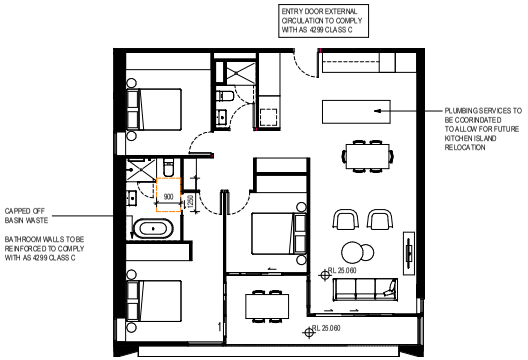
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1 / - TYPE 4 - PRE ADAPTION
SCALE 1 : 100



3 / - TYPE 5 - PRE ADAPTION
SCALE 1 : 100



5 / - TYPE 6 - PRE ADAPTION
SCALE 1 : 100

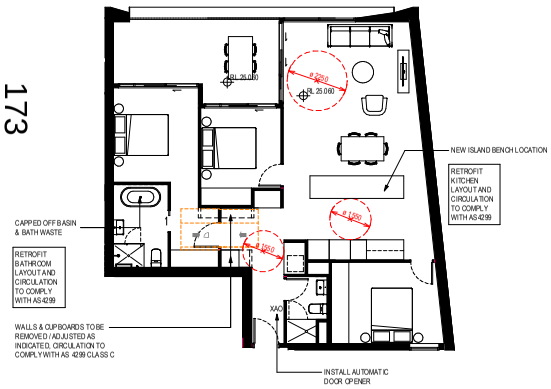
ADAPTABLE APARTMENTS SCHEDULE			
LEVEL	UNIT NUMBER	TYPE	No. of BEDS
LEVEL 2	1201	Type 8	2 BED
LEVEL 3	1303	Type 1	2 BED
LEVEL 3	1309	Type 5	1 BED
LEVEL 4	1403	Type 1	2 BED
LEVEL 4	1408	Type 5	1 BED
LEVEL 5	1503	Type 1	2 BED
LEVEL 5	1508	Type 5	1 BED
LEVEL 2	2203	Type 2	2 BED
LEVEL 3	2302	Type 3	2 BED
LEVEL 3	2306	Type 2	2 BED
LEVEL 4	2402	Type 3	2 BED
LEVEL 4	2406	Type 2	2 BED
LEVEL 5	2502	Type 3	2 BED
LEVEL 5	2506	Type 2	2 BED
LEVEL 1	3104	Type 7	2 BED
LEVEL 2	3202	Type 4	3 BED
LEVEL 2	3204	Type 6	3 BED
LEVEL 3	3302	Type 4	3 BED
LEVEL 3	3304	Type 6	3 BED
LEVEL 4	3402	Type 4	3 BED
LEVEL 4	3404	Type 6	3 BED
LEVEL 5	3502	Type 4	3 BED
TOTAL: 22			

22 / 144 = 15.2%

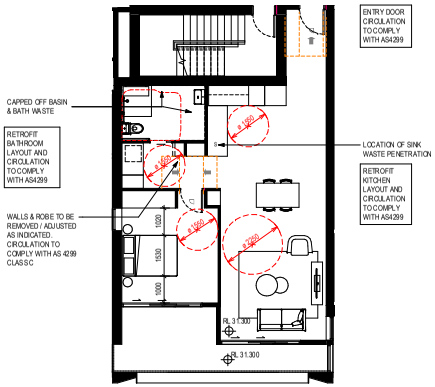
LHA APARTMENTS SCHEDULE	
LEVEL	UNIT NUMBER
LEVEL 1	2106
LEVEL 1	3104
LEVEL 1	3107
LEVEL 2	1201
LEVEL 2	2203
LEVEL 2	3202
LEVEL 2	3204
LEVEL 3	1302
LEVEL 3	1303
LEVEL 3	1304
LEVEL 3	1308
LEVEL 3	2302
LEVEL 3	2306
LEVEL 3	3302
LEVEL 3	3304
LEVEL 4	1402
LEVEL 4	1403
LEVEL 4	1404
LEVEL 4	1408
LEVEL 4	2402
LEVEL 4	2406
LEVEL 4	3402
LEVEL 4	3404
LEVEL 5	1502
LEVEL 5	1503
LEVEL 5	1504
LEVEL 5	1508
LEVEL 5	2502
LEVEL 5	2506
LEVEL 5	3502
TOTAL: 30	

30 / 144 = 20.8%
(SILVER LEVEL)

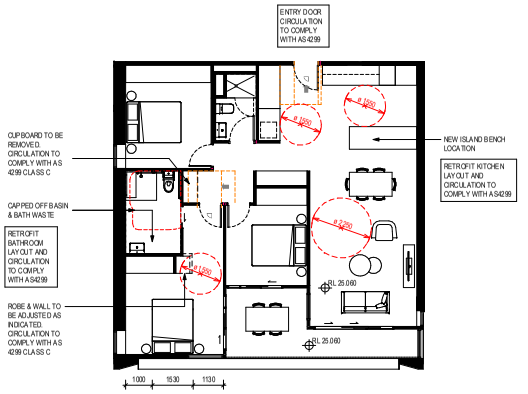
173



2 / - TYPE 4 - POST ADAPTION
SCALE 1 : 100



4 / - TYPE 5 - POST ADAPTION
SCALE 1 : 100



6 / - TYPE 6 - POST ADAPTION
SCALE 1 : 100

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
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Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

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6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: **MBAYE2984G**
Assessor Name: **Richard Noble**
Accreditation number: **VICBDAV1161756**
Certificate date: **15 Nov 2019**
Dwelling address: **5-15 Dunning Avenue, Rosebery NSW 2018**
www.nathers.gov.au

DEVELOPMENT APPLICATION

Revisions				
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:04:56 PM

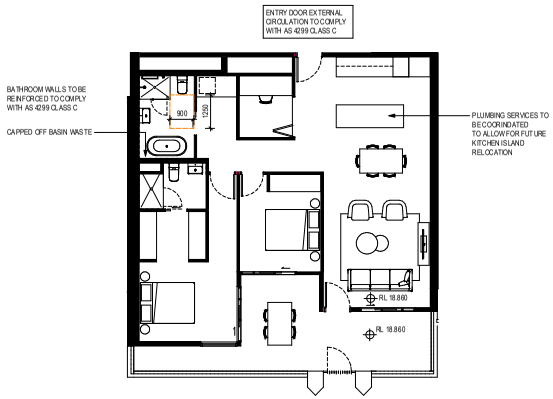
Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Adaptable, LHA Compliant & Accessible Plans**

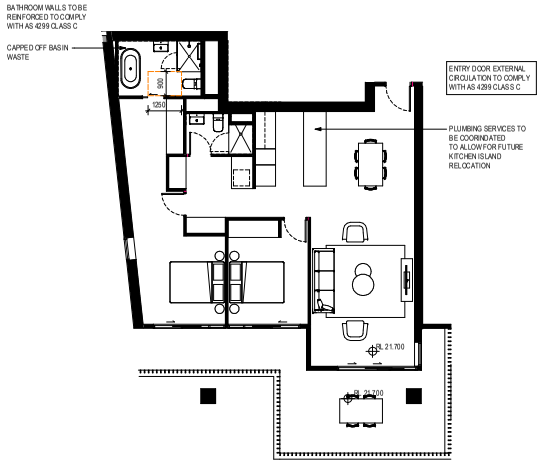
Project No: **218089** Date: **14.03.19** Author: **sm** Scale: @ A1 **1 : 100** Drawing No: **DA2-632 A**

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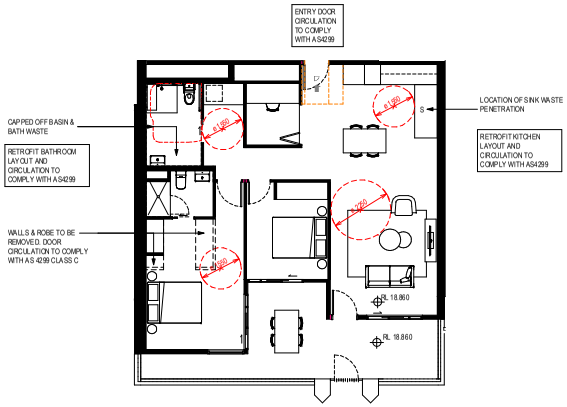
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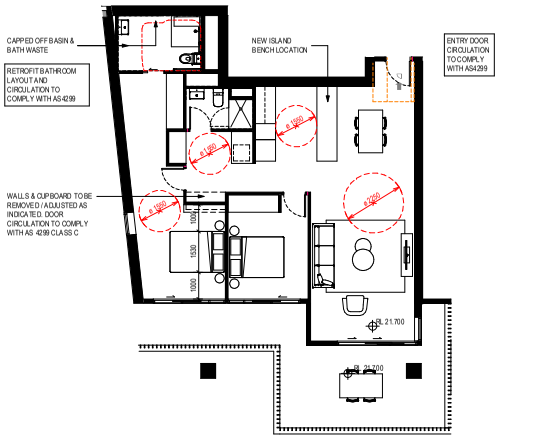
1 - TYPE 7 - PRE ADAPTION
SCALE 1 : 100



3 - TYPE 8 - PRE ADAPTION
SCALE 1 : 100



2 - TYPE 7 - POST ADAPTION
SCALE 1 : 100



4 - TYPE 8 - POST ADAPTION
SCALE 1 : 100

174

ADAPTABLE APARTMENTS SCHEDULE			
LEVEL	UNIT NUMBER	TYPE	No. of BEDS
LEVEL 2	1201	Type 8	2 BED
LEVEL 3	1303	Type 1	2 BED
LEVEL 3	1308	Type 5	1 BED
LEVEL 4	1403	Type 1	2 BED
LEVEL 4	1408	Type 5	1 BED
LEVEL 5	1903	Type 1	2 BED
LEVEL 5	1908	Type 5	1 BED
LEVEL 2	2203	Type 2	2 BED
LEVEL 3	2302	Type 3	2 BED
LEVEL 3	2306	Type 2	2 BED
LEVEL 4	2402	Type 3	2 BED
LEVEL 4	2406	Type 2	2 BED
LEVEL 5	2902	Type 3	2 BED
LEVEL 5	2906	Type 2	2 BED
LEVEL 1	3104	Type 7	2 BED
LEVEL 2	3202	Type 4	3 BED
LEVEL 2	3204	Type 6	3 BED
LEVEL 3	3302	Type 4	3 BED
LEVEL 3	3304	Type 6	3 BED
LEVEL 4	3402	Type 4	3 BED
LEVEL 4	3404	Type 6	3 BED
LEVEL 5	3902	Type 4	3 BED

TOTAL: 22

22 / 144 = 15.2%

LHA APARTMENTS SCHEDULE	
LEVEL	UNIT NUMBER
LEVEL 1	2106
LEVEL 1	3104
LEVEL 1	3107
LEVEL 2	1201
LEVEL 2	2203
LEVEL 2	3202
LEVEL 2	3204
LEVEL 3	1302
LEVEL 3	1303
LEVEL 3	1304
LEVEL 3	1308
LEVEL 3	2302
LEVEL 3	2306
LEVEL 3	3302
LEVEL 3	3304
LEVEL 4	1402
LEVEL 4	1403
LEVEL 4	1404
LEVEL 4	1408
LEVEL 4	2402
LEVEL 4	2406
LEVEL 4	3402
LEVEL 4	3404
LEVEL 5	1902
LEVEL 5	1903
LEVEL 5	1904
LEVEL 5	1908
LEVEL 5	2902
LEVEL 5	2906
LEVEL 5	3902

TOTAL: 30

30 / 144 = 20.8%
(SILVER LEVEL)

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
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Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

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> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
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www.nathers.gov.au

Certificate Number: **MBAYE2984G**
Assessor Name: **Richard Noble**
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DEVELOPMENT APPLICATION

Revisions				
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:41:15 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Adaptable, LHA Compliant & Accessible Plans**

Project No: **218089** Date: **03.12.18** Author: **SM** Scale: @ A1: **1 : 100** Drawing No: **DA2-633 A**

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BUILDING 1

	Fixtures					Appliances		Individual pool				Individual spa		
Dwelling no.	All shower-heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish-washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
All dwellings	3 star (> 4.5 but <= 6 L/min)	5 star	6 star	6 star	no	-	5 star	-	-	-	-	-	-	-

	Alternative water source						
Dwelling no.	Alternative water supply systems	Size	Configuration	Landscape connection	Toilet connection (s)	Laundry connection	Pool top-up	Spa top-up
None	-	-	-	-	-	-	-	-

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
All dwellings	central hot water system 1	individual fan, ducted to façade or roof	interlocked to light	individual fan, ducted to façade or roof	manual switch on/off	individual fan, ducted to façade or roof	interlocked to light

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
1105, 1201, 1302, 1308, 1408, 1502, 1507, 1606, 1611	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	3 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	-
1101, 1202, 1304, 1304, 1304, 1402, 1403, 1404, 1503, 1605	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	-
All other dwellings	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	2 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	-

	Individual pool		Individual spa		Appliances & other efficiency measures							
Dwelling no.	Pool heating system	Timer	Spa heating system	Timer	Kitchen cooktop/oven	Refrigerator	Well ventilated fridge space	Dishwasher	Clothes washer	Clothes dryer	Indoor or sheltered clothes drying line	Private outdoor or unsheltered clothes drying line
All dwellings	-	-	-	-	gas cooktop & electric oven	-	no	4.5 star	-	2 star	no	no

Thermal loads		
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
1101	32.2	23.1
1102	37.2	24.5
1103	30.7	21.4
1104	41.4	23.6
1105	19.8	13.3
1106	26.4	22.0
1201	2.3	19.5
1202	29.6	22.0
1203	6.8	26.1
1304	15.7	22.8
1304	8.0	24.2
1401	36.9	28.7
1407	3.6	27.8
1408	5.7	15.0
1601	13.7	21.6
1602	35.8	18.2
1603	6.1	26.0
1604	4.6	25.9
1605	1.8	26.0
1606	14.2	20.3
1607	11.0	21.2
1608	15.2	18.6
1609	12.9	18.3
1610	19.1	18.5
1611	21.1	23.3
1301, 1501	36.0	26.0
1307, 1507	3.3	28.3
1308, 1508	5.3	15.3
1302, 1402, 1502	23.7	21.6
1303, 1403, 1503	19.5	27.7
1304, 1404, 1504	10.4	14.7
1305, 1405, 1505	7.0	18.2

	Common area ventilation system		Common area lighting		
Common area	Ventilation system type	Ventilation efficiency measure	Primary type of artificial lighting	Lighting efficiency measure	Lighting control system/BMS
Lift car (No.1)	-	-	light-emitting diode	connected to lift call button	Yes
Corridors (Bldg 1)	ventilation supply only	none ie. continuous	light-emitting diode	motion sensors	Yes
Fire Stairs (Bldg 1)	no mechanical ventilation	-	light-emitting diode	motion sensors	Yes
Managers Room	air conditioning system	time clock or BMS controlled	light-emitting diode	motion sensors	Yes

Central energy systems	Type	Specification
Central hot water system (No. 1)	gas instantaneous	Piping insulation (ringmain & supply risers): (b) Piping internal to building: R1.0 (~38 mm)
Lift (No. 1)	gearless traction with V V V F motor	Number of levels (including basement): 7

BUILDING 2

	Fixtures					Appliances		Individual pool				Individual spa		
Dwelling no.	All shower-heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish-washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
All dwellings	3 star (> 4.5 but <= 6 L/min)	5 star	6 star	6 star	no	-	5 star	-	-	-	-	-	-	-

	Alternative water source						
Dwelling no.	Alternative water supply systems	Size	Configuration	Landscape connection	Toilet connection (s)	Laundry connection	Pool top-up	Spa top-up
None	-	-	-	-	-	-	-	-

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
All dwellings	central hot water system 2	individual fan, ducted to façade or roof	interlocked to light	individual fan, ducted to façade or roof	manual switch on/off	individual fan, ducted to façade or roof	interlocked to light

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
2105, 2108, 2612	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	-
2101, 2103, 2105, 2107, 2110, 2303, 2403, 2504, 2603, 2608	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	3 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	-
All other dwellings	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	2 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	-

	Individual pool		Individual spa		Appliances & other efficiency measures							
Dwelling no.	Pool heating system	Timer	Spa heating system	Timer	Kitchen cooktop/oven	Refrigerator	Well ventilated fridge space	Dishwasher	Clothes washer	Clothes dryer	Indoor or sheltered clothes drying line	Private outdoor or unsheltered clothes drying line
All dwellings	-	-	-	-	gas cooktop & electric oven	-	no	4.5 star	-	2 star	no	no

Thermal loads		
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
2101	21.2	24.7
2102	18.5	23.5
2103	19.5	16.3
2104	15.0	17.2
2105	14.5	22.4
2106	11.4	23.4
2107	16.7	23.1
2108	19.5	15.8
2109	20.2	18.2
2110	11.9	11.5
2201	22.4	25.9
2202	13.6	21.3
2204	21.2	24.5
2205	11.6	22.9
2301	15.4	14.6
2303	12.5	11.3
2304	23.3	24.6
2305	14.2	20.9
2307	22.2	23.4
2308	12.4	22.6
2401	16.4	14.1
2403	12.9	11.1
2404	23.9	24.0
2406	14.2	10.9
2407	28.8	15.8
2408	26.3	19.6
2501	11.3	22.1
2502	17.2	13.6
2503	29.1	13.4
2504	18.7	9.1
2505	22.4	22.6
2506	19.4	15.8

	Common area ventilation system		Common area lighting		
Common area	Ventilation system type	Ventilation efficiency measure	Primary type of artificial lighting	Lighting efficiency measure	Lighting control system/BMS
Lift car (No.2)	-	-	light-emitting diode	connected to lift call button	Yes
Corridors (Bldg 2)	no mechanical ventilation	-	light-emitting diode	motion sensors	Yes
Fire Stairs (Bldg 2)	no mechanical ventilation	-	light-emitting diode	motion sensors	Yes

Central energy systems	Type	Specification
Central hot water system (No. 2)	gas instantaneous	Piping insulation (ringmain & supply risers): (b) Piping internal to building: R1.0 (~38 mm)
Lift (No. 2)	gearless traction with V V V F motor	Number of levels (including basement): 7

BUILDING 3

	Fixtures					Appliances		Individual pool				Individual spa		
Dwelling no.	All shower-heads	All toilet flushing systems	All kitchen taps	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish-washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
All dwellings	3 star (> 4.5 but <= 6 L/min)	5 star	6 star	6 star	no	-	5 star	-	-	-	-	-	-	-

	Alternative water source						
Dwelling no.	Alternative water supply systems	Size	Configuration	Landscape connection	Toilet connection (s)	Laundry connection	Pool top-up	Spa top-up
None	-	-	-	-	-	-	-	-

	Hot water	Bathroom ventilation system		Kitchen ventilation system		Laundry ventilation system	
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control
All dwellings	central hot water system 3	individual fan, ducted to façade or roof	interlocked to light	individual fan, ducted to façade or roof	manual switch on/off	individual fan, ducted to façade or roof	interlocked to light

	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen
3611	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	-
3105, 3107, 3204, 3304, 3306, 3404, 3406, 3505, 3607	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	3 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	-
All other dwellings	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	1-phase airconditioning EER 3.0 - 3.5 (zoned)	2 (dedicated)	1 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	-

	Individual pool		Individual spa		Appliances & other efficiency measures							
Dwelling no.	Pool heating system	Timer	Spa heating system	Timer	Kitchen cooktop/oven	Refrigerator	Well ventilated fridge space	Dishwasher	Clothes washer	Clothes dryer	Indoor or sheltered clothes drying line	Private outdoor or unsheltered clothes drying line
All dwellings	-	-	-	-	gas cooktop & electric oven	-	no	4.5 star	-	2 star	no	no

Thermal loads		
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
3101	18.5	25.2
3102	19.4	29.0
3103	14.0	27.0
3104	29.5	29.5
3105	18.6	20.3
3106	45.0	19.0
3107	31.8	26.2
3108	16.5	15.4
3201	3.5	21.0
3202	20.0	27.0
3203	2.2	26.0
3204	28.1	20.7
3205	39.8	18.7
3207	17.8	21.6
3208	37.6	25.6
3301	4.4	18.1
3302	20.9	26.1
3303	1.0	26.0
3304	30.2	18.9
3305	27.8	17.6
3306	40.6	17.8
3307	17.8	19.7
3308	40.3	24.1
3401	4.0	19.4
3402	20.2	26.1
3403	29.8	19.3
3404	2.2	29.0
3405	27.3	17.7
3407	39.3	25.1
3408	8.7	15.5
3501	26.6	24.7
3502	5.1	27.5

	Common area ventilation system		Common area lighting		
Common area	Ventilation system type	Ventilation efficiency measure	Primary type of artificial lighting	Lighting efficiency measure	Lighting control system/BMS
Lift car (No.3)	-	-	light-emitting diode	connected to lift call button	Yes
Corridors (Bldg 3)	no mechanical ventilation	-	light-emitting diode	motion sensors	Yes
Fire Stairs (Bldg 3)	no mechanical ventilation	-	light-emitting diode	motion sensors	Yes

Central energy systems	Type	Specification
Central hot water system (No. 3)	gas instantaneous	Piping insulation (ringmain & supply risers): (b) Piping internal to building: R1.0 (~38 mm)
Lift (No. 3)	gearless traction with V V V F motor	Number of levels (including basement): 7

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R5.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 150mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: **M8AYE2S84G**
Assessor Name: **Richard Noble**
Accreditation number: **VIC/BDAV/16/1756**
Certificate date: **15 Nov 2019**
Dwelling address: **5-15 Dunning Avenue, Rosebery NSW 2018**
www.nathers.gov.au

Plan was generated on the 15 November 2019 using BASIX® certificate number M8AYE2S84G/CalcEngine

DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW
B	17.01.20	COUNCIL UPDATE	NE

17/01/2020 1:55:37 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Basix**

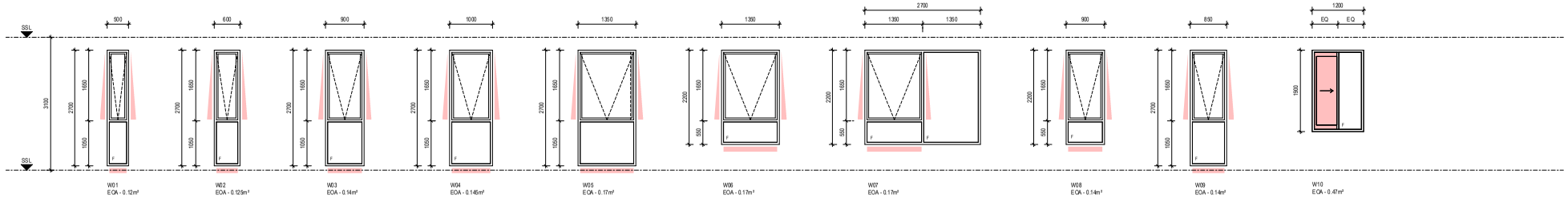
Project No: **218089** Date: **03/12/18** Author: **MG** Scale: @ A1

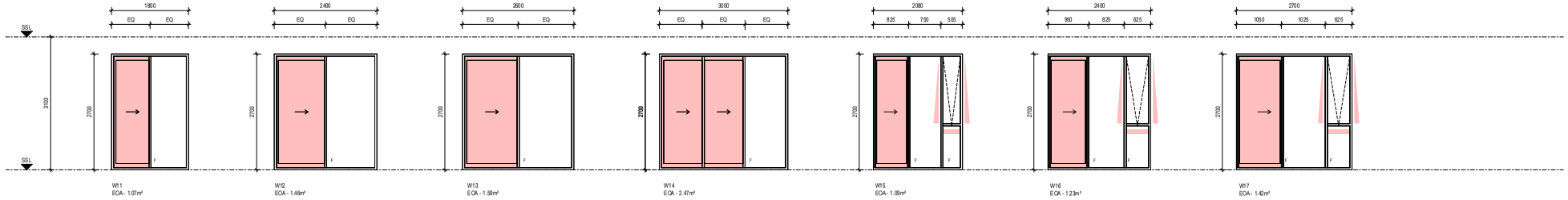
Drawing No.: **DA2-651 B**

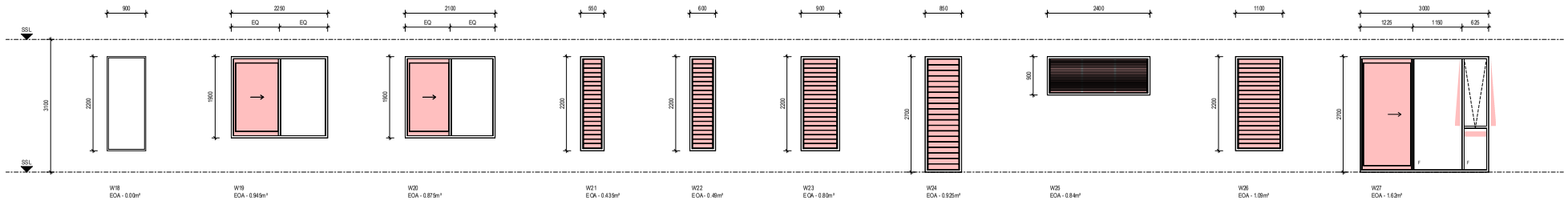
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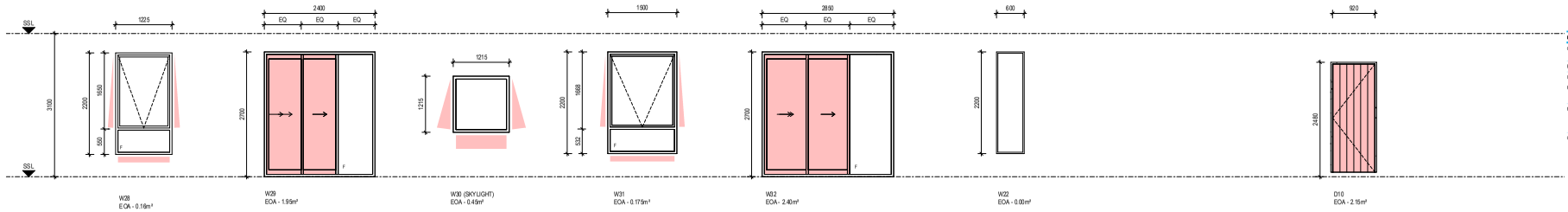
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Brisbane, Melbourne, Sydney
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EFFECTIVE OPEN AREA (EOA) OF WINDOW

EOA SHOWN ALLOWS FOR 50% REDUCTION FOR FLY SCREEN

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R5.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: MBAYE2984G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

Please scan this QR code with your mobile device to view your certificate online
MBAYE2984G-GAEqeQuH+

DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Window Schedule**

Project No: **218089**

Date: **30.01.19**

Author: **JC**

Scale: @ A1 **1 : 50**

Drawing No: **DA2-655 A**

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23/12/2019 1:05:18 PM



Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

DEVELOPMENT APPLICATION

Revisions
- 13.11.19 COUNCIL RESUBMISSION KW

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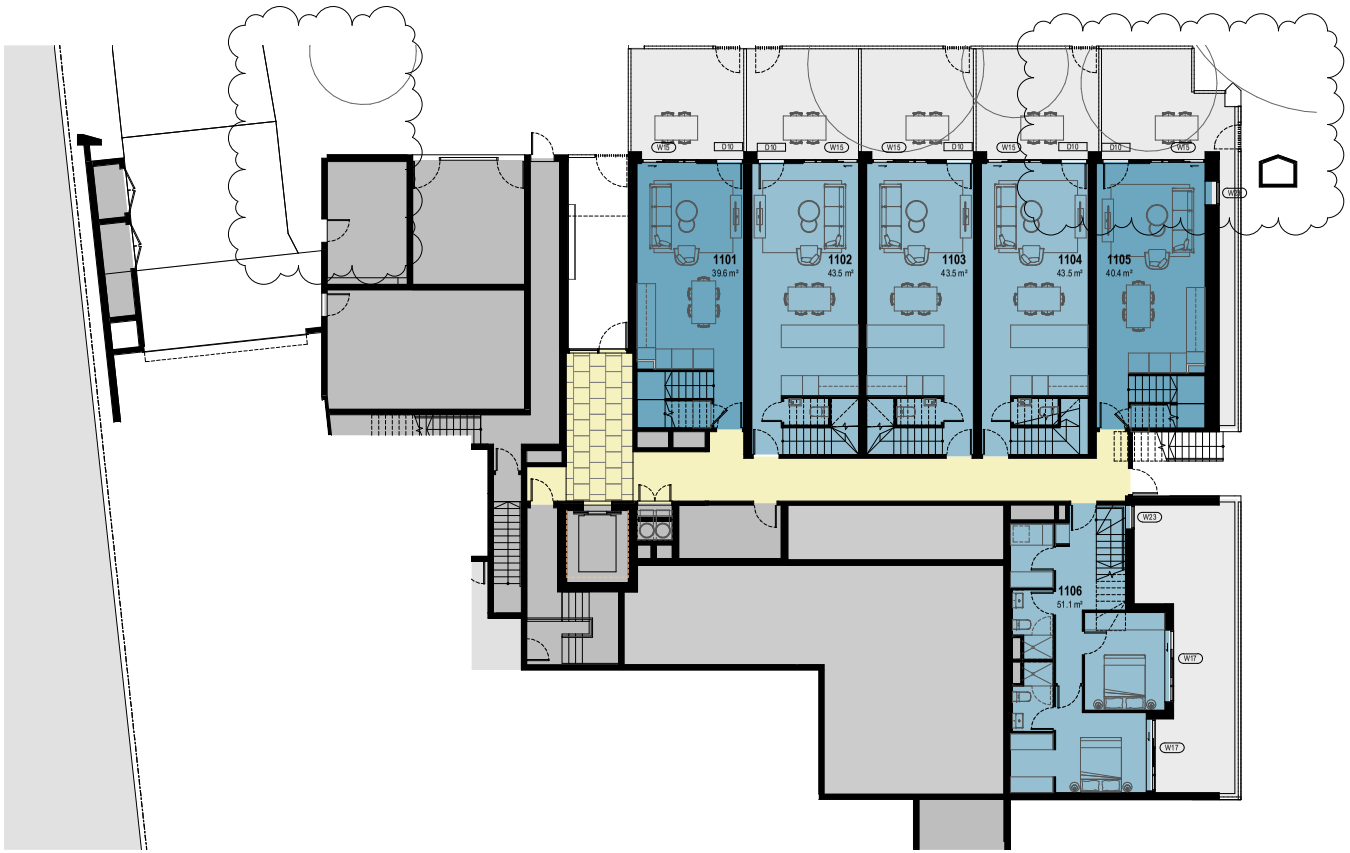
Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 1 Level 2 - Cross Ventilation**

Project No: 218089
Date: 08.11.19
Author: JL
Scale: @ A1: 1 : 100
Drawing No: DA2-656.1

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Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;
> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
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Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
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DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

17/01/2020 1:55:45 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 1 Level 1 - Cross Ventilation**

Project No: **218089**

Date: **27.03.19**

Author: **MG**

Scale: @ A1: **1 : 100**

Drawing No: **DA2-656 A**

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Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;
> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
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DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:05:43 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 1 Typical Level - Cross Ventilation**

Project No: 218089
Date: 04.02.19
Author: PN
Scale: @ A1: 1 : 100
Drawing No: DA2-657 A

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180

Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

DEVELOPMENT APPLICATION

Revisions			
-	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:06:03 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 2 Level 2 - Cross Ventilation**

Project No: 218089
Date: 08.11.19
Author: JL
Scale: @ A1: 1 : 100
Drawing No: DA2-658.1

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Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
Internal Walls	> Plasterboard on stud (internal apartment)
Roof	> 100mm concrete + R3.0 insulation + plasterboard ceiling > Below balconies - 150mm Concrete + R1.0 insulation + plasterboard ceiling
Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

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6.8 Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

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M8AYE2584G/GenCert=
M8AYE2584G/GenCert

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DEVELOPMENT APPLICATION

Revisions				
	-	15.04.19	DEVELOPMENT APPLICATION	NE
	A	13.11.19	COUNCIL RESUBMISSION	KW

17/01/2020 1:55:55 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 2 Level 1 - Cross Ventilation**

Project No: 218089
Date: 27.03.19
Author: MG
Scale: @ A1: 1 : 100
Drawing No: DA2-658 A

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Building Element	Material & Detail
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Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

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Certificate Number: M8AYE2584G
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Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
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DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

17/01/2020 1:56:06 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 3 Level 1 - Cross Ventilation**

Project No: **218089**

Date: **27.03.19**

Author: **MG**

Scale: @ A1: **1 : 100**

Drawing No: **DA2-660 A**

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Building Element	Material & Detail
Construction & shading	> As indicated on the architectural drawings. Balconies have been included in the assessment.
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Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

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Certificate Number: M8AYE2584G
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Certificate date: 15 Nov 2019
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DEVELOPMENT APPLICATION

Revisions				
	-	15.04.19	DEVELOPMENT APPLICATION	NE
	A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:06:33 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 3 Typical Level - Cross Ventilation**

Project No: 218089
Date: 04.02.19
Author: PN
Scale: @ A1: 1 : 100
Drawing No: DA2-661 A

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Building Element	Material & Detail
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Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
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DEVELOPMENT APPLICATION

Revisions				
	-	15.04.19	DEVELOPMENT APPLICATION	NE
	A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:06:43 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 3 - Level 5 Cross Ventilation**

Project No: 218089

Date: 27.03.19

Author: MG

Scale: @ A1: 1 : 100

Drawing No: DA2-662 A

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6.8 Average star rating
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Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
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DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:06:53 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 1 - Level 6 - Cross Ventilation**

Project No: **218089**

Date: **04/04/19**

Author: **MG**

Scale: @ A1: **1 : 100**

Drawing No: **DA2-663 A**

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Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
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DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:07:10 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 2 - Level 6 - Cross Ventilation**

Project No: **218089**

Date: **04/04/19**

Author: **MG**

Scale: @ A1 **1 : 100**

Drawing No: **DA2-665 A**

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6.8 Average star rating

NATIONWIDE HOUSE ENERGY RATING SCHEME www.nathers.gov.au

Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018

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DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:07:17 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 2 - Level 7 - Cross Ventilation**

Project No: **218089**

Date: **04/04/19**

Author: **MG**

Scale: @ A1: **1 : 100**

Drawing No: **DA2-666 A**

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DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:07:28 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 3 - Level 6 - Cross Ventilation**

Project No: **218089**

Date: **04/04/19**

Author: **MG**

Scale: @ A1: **1 : 100**

Drawing No: **DA2-667 A**

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DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:07:00 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 1 - Level 7 - Cross Ventilation**

Project No: **218089**

Date: **04/04/19**

Author: **MG**

Scale: @ A1: **1 : 100**

Drawing No: **DA2-664 A**

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Building Element	Material & Detail
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External Walls	> 200mm Concrete + R2.5 insulation + plasterboard
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Assessor Name: Richard Noble
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Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018

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DEVELOPMENT APPLICATION

Revisions			
-	15.04.19	DEVELOPMENT APPLICATION	NE
A	13.11.19	COUNCIL RESUBMISSION	KW

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Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 2 Typical Level - Cross Ventilation**

Project No: 218089
Date: 04.02.19
Author: PN
Scale: @ A1: 1 : 100
Drawing No: DA2-659 A

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Building Element	Material & Detail
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Floor	> 100 mm concrete slab + carpet/tile/timber finish > Above balcony/outside - 100mm concrete slab + R1.5 insulation + carpet/tile/timber finish
Glazing	> Group A windows (equivalent to SGU awnings, casements): – U-value: 4.5 – SHGC: 0.50 (±10%) > Group B windows (equivalent to SGU sliding, fixed): – U-value: 4.50 – SHGC: 0.61 (±10%) > Double Glazed Windows: – U-value: 3.1 (equal to or less than) – SHGC: 0.27 (±10%)

Please note: glazing values quoted above are based on AFRC figures and are values for the total glazing system including frame.

For all apartments, the following assumptions have been made:

> All windows and doors are weather stripped and have insect screens;

> Window openings have been calculated as per the BASIX protocol based on input from the architectural team for awnings windows and sliding doors.

6.8
Average star rating
NATIONWIDE HOUSE ENERGY RATING SCHEME
www.nathers.gov.au

Certificate Number: M8AYE2584G
Assessor Name: Richard Noble
Accreditation number: VIC/BDAV/16/1756
Certificate date: 15 Nov 2019
Dwelling address: 5-15 Dunning Avenue, Rosebery NSW 2018
www.nathers.gov.au

DEVELOPMENT APPLICATION

Revisions				
	-	15.04.19	DEVELOPMENT APPLICATION	NE
	A	13.11.19	COUNCIL RESUBMISSION	KW

23/12/2019 1:07:35 PM

Project: **Dunning Avenue, Rosebery**
5-15 Dunning Avenue
Rosebery, Sydney, NSW

Drawing: **Building 3 - Level 7 - Cross Ventilation**

Project No: 218089

Date: 04/04/19

Author: MG

Scale: @ A1: 1 : 100

Drawing No: DA2-668 A

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