

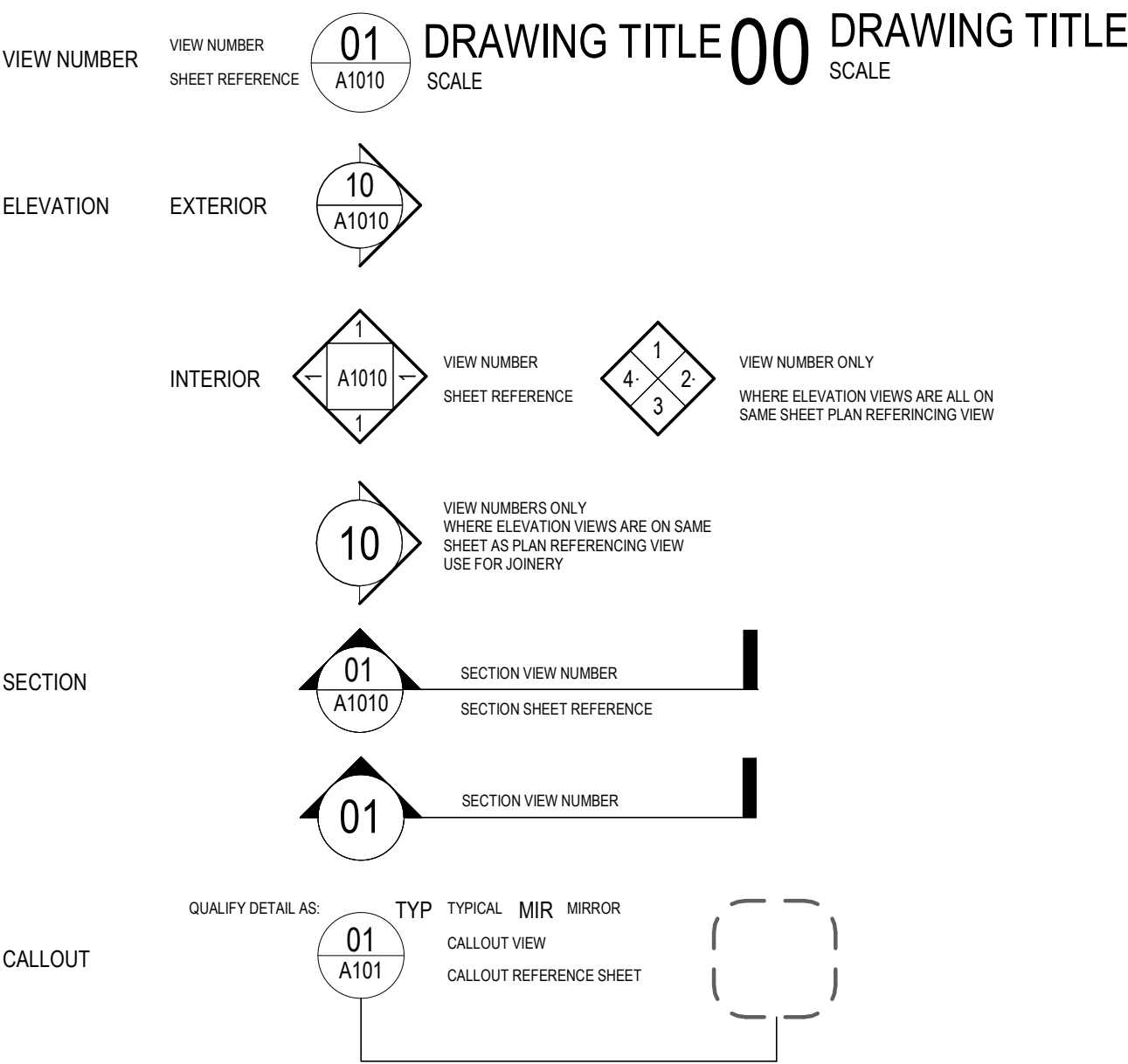
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	SHEET NUMBER	SHEET NAME	REVISION	REVISION DESCRIPTION	DATE
WMQ-BLD2-HAS-AR-DRG-	DA001	COVER SHEET	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA002	SITE PLAN	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA010	GROUND FLOOR PLAN	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA011	LEVEL 01 PLAN	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA012	LEVEL 02 PLAN	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA013	LEVEL 03 PLAN - AFFORDABLE	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA014	LEVEL 04 PLAN - AFFORDABLE	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA015	LEVEL 05 PLAN - AFFORDABLE	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA016	LEVEL 06 PLAN - LOW BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA017	LEVEL 07 PLAN - LOW BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA018	LEVEL 08 PLAN - LOW BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA019	LEVEL 09 PLAN - LOW BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA020	LEVEL 10 PLAN - LOW BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA021	LEVEL 11 PLAN - LOW BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA022	LEVEL 12 PLAN - LOW BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA023	LEVEL 13 PLAN - LOW BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA024	LEVEL 14 PLAN - LOW BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA025	LEVEL 15 PLAN - LOW BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA026	LEVEL 16 PLAN - LOW BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA027	LEVEL 17 PLAN - LOW BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA028	LEVEL 18 PLAN - LOW BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA029	LEVEL 19 PLAN - LOW BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA030	LEVEL 20 PLAN - MID BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA031	LEVEL 21 PLAN - MID BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA032	LEVEL 22 PLAN - HIGH BTS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA033	LEVEL 23 PLANT ROOM	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA034	LEVEL 23 MEZZANINE PLANT ROOM	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA035	LEVEL 24 ROOF	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA101	AFFORDABLE 1 BED ADAPTABLE APARTMENT	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA102	BTS TYPICAL 2 BED ADAPTABLE APARTMENT	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA103	BTS HIGH 3 BED ADAPTABLE APARTMENT	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA201	SECTION AA	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA202	SECTION BB	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA301	ELEVATION - NORTH	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA302	ELEVATION - SOUTH	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA303	ELEVATION - EAST	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA304	ELEVATION - WEST	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA401	AREA PLANS - GFA	3	Response to Submission	27/07/21
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WMQ-BLD2-HAS-AR-DRG-	DA501	CROSS VENTILATION	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA502	SOLAR ACCESS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA503	DAYLIGHT ANALYSIS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA601	SCHEDULE	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA701	SHADOW DIAGRAMS	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA801	MATERIAL BOARD	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA901	PHOTOMONTAGE 01	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA902	PHOTOMONTAGE 02	3	Response to Submission	27/07/21
WMQ-BLD2-HAS-AR-DRG-	DA1001	STORAGE PLANS	2	Response to Submission	27/07/21



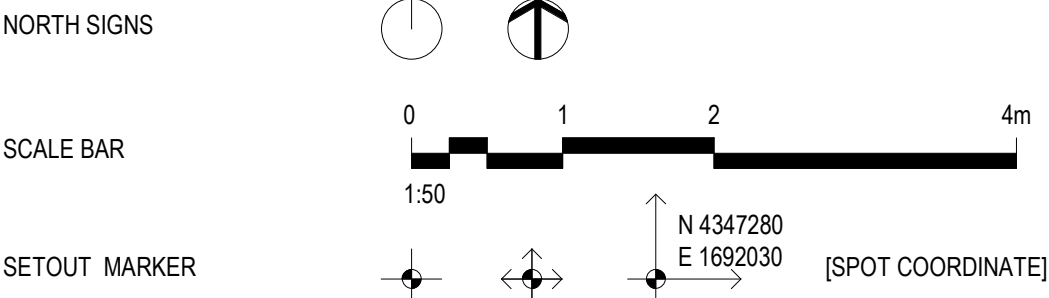
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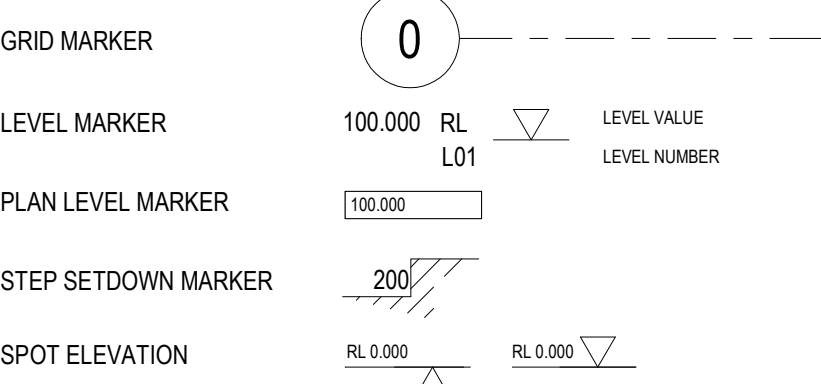
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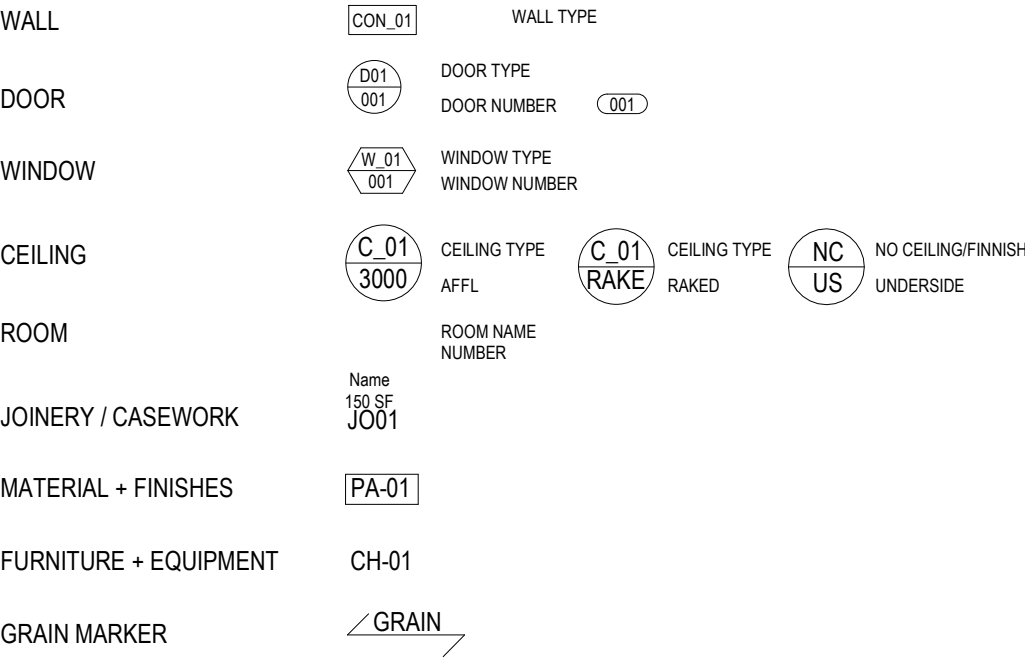
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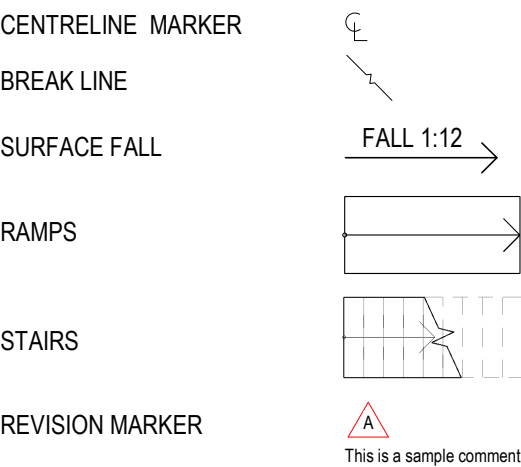
GRIDS + LEVELS



ELEMENT + MATERIAL MARKERS



MISCELLANEOUS MARKERS



WMQ Building 2 NatHERS Thermal Comfort Inclusions			
Glazing Doors/Windows	Aluminium framed double glazing to all units, except where noted:		
	Glazing element	U-value	SHGC
	Fixed vision glazing	3.35	0.47
	Operable (awning) vision glazing	4.36	0.40
	Sliding Doors	3.30	0.43
	Given values are NFRC, total window system values (glass and frames) Operability of windows as per drawings		
Ceiling	NOTE: openability modelled as per NatHERS Technical Note Version June 2019 – 8.9 with regard to restricted openings Plasterboard ceilings, no insulation required to units with units above Plasterboard ceilings, minimum R2.0 insulation (insulation only) required to units with winter garden/unconditioned spaces above, Level 21 ceilings that require insulation are minimum R4.5. All ceiling penetrations: downlights and exhaust fans are sealed to prevent the movement of air between a zone and another zone, neighbour or roof/attic space. Sizes as below: Exhaust fans: 250 x 250mm with 0 clearance Downlights: 100 x 100mm with 50mm clearance For units where ceiling thermal upgrade is required please refer to assessor certificate		
External Wall	NOTE: loss of ceiling insulation due to penetrations have been accounted for in accordance with BASIX Thermal Protocol 4.13.1 and NatHERS Technical Note Version June 2019 Insulated walls – added insulation of R2.5 (insulation only) Acoustic ventilators – modelled as metal clad wall, with openness factor of 18% (worst case) and added insulation of R1.0 Exception: For units where improved wall performance is required refer to assessor certificate		
Inter-tenancy Walls	NOTE: default colour modelled as per NatHERS Technical Note Version June 2019 – 4.12.2 Dividing wall – added insulation of R1.6 to achieve minimum R1.9 (total R-value) to all walls between neighbouring units, 100mm cast concrete with plasterboard Dividing wall – added insulation of R1.6 to achieve minimum R1.9 (total R-value) to all walls adjacent common areas, lifts, stairwells, etc 100mm cast concrete with plasterboard		
Internal Walls within Dwellings Floors	Plasterboard on studs – no insulation 200mm concrete suspended floor, no insulation required to units with units above 200mm concrete suspended floor, minimum R2.0 insulation (insulation only) required to units with winter garden/unconditioned spaces below Exception: For units where improved floor performance is required refer to assessor certificate		
Floor Coverings	Bathrooms and Laundry: Tiles Bedrooms (including WIR): Carpet All other areas: Carpet, tiles or timber		
Artificial Lighting within Units	All light fittings within each room are to be sealed LED fixtures. Downlights modelled at a rate of 1 downlight per 2.5m ² of floor area as per BASIX Thermal Comfort Protocol. NOTE: modelled as per NatHERS Assessor Handbook Version June 2019 – Section 8.8.1.3		
Ventilation within Units	Bathroom – individual ducted fan Laundry – individual ducted fans Kitchen range hood – individual ducted fans NOTE: modelled as per NatHERS Assessor Handbook Version June 2019 – Section 8.8.1.2		
External screens	Metal balustrade to balcony with 10% opacity		

Recent revision history		
#	Status	Description
1		Development Application
2		Response to Submission
3		Response to Submission

Date
29/07/20
15/03/21
27/07/21

Notes

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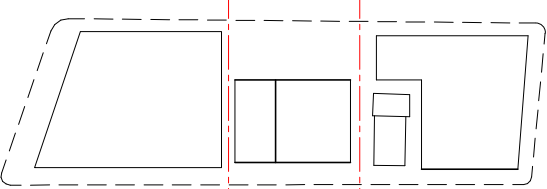
Approved Application No.....SSD-10439

Granted on the.....24/11/21

Signed.....RH

Sheet No.....1 of.....49

Key Plan



North Point

Client



Consultant

Hassell

Project

WATERLOO METRO QUARTER DEVELOPMENT

Central Precinct

Project number

014079-61A-P

Size check

25mm

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Approved

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Sheet title

COVER SHEET

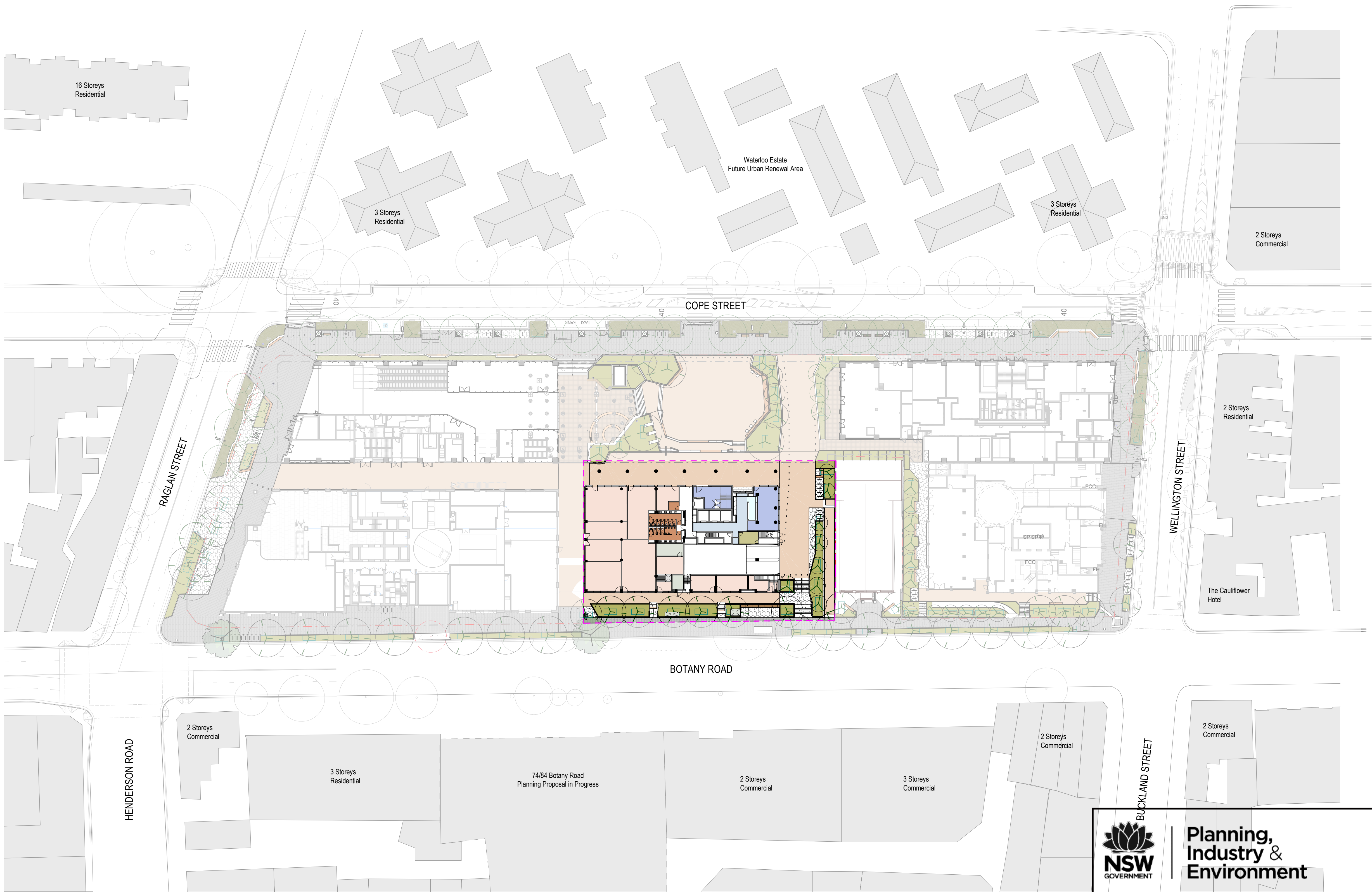
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Sheet number

WMQ-BLD2-HAS-AR-DRG-DA001

Revision

3



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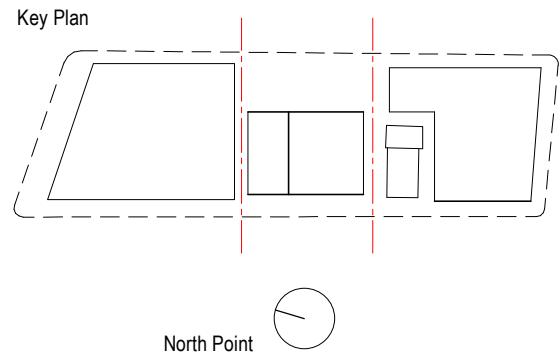
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Sheet No.....2..... of.....49.....

Recent revision history		
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2	Response to Submission	15/03/21
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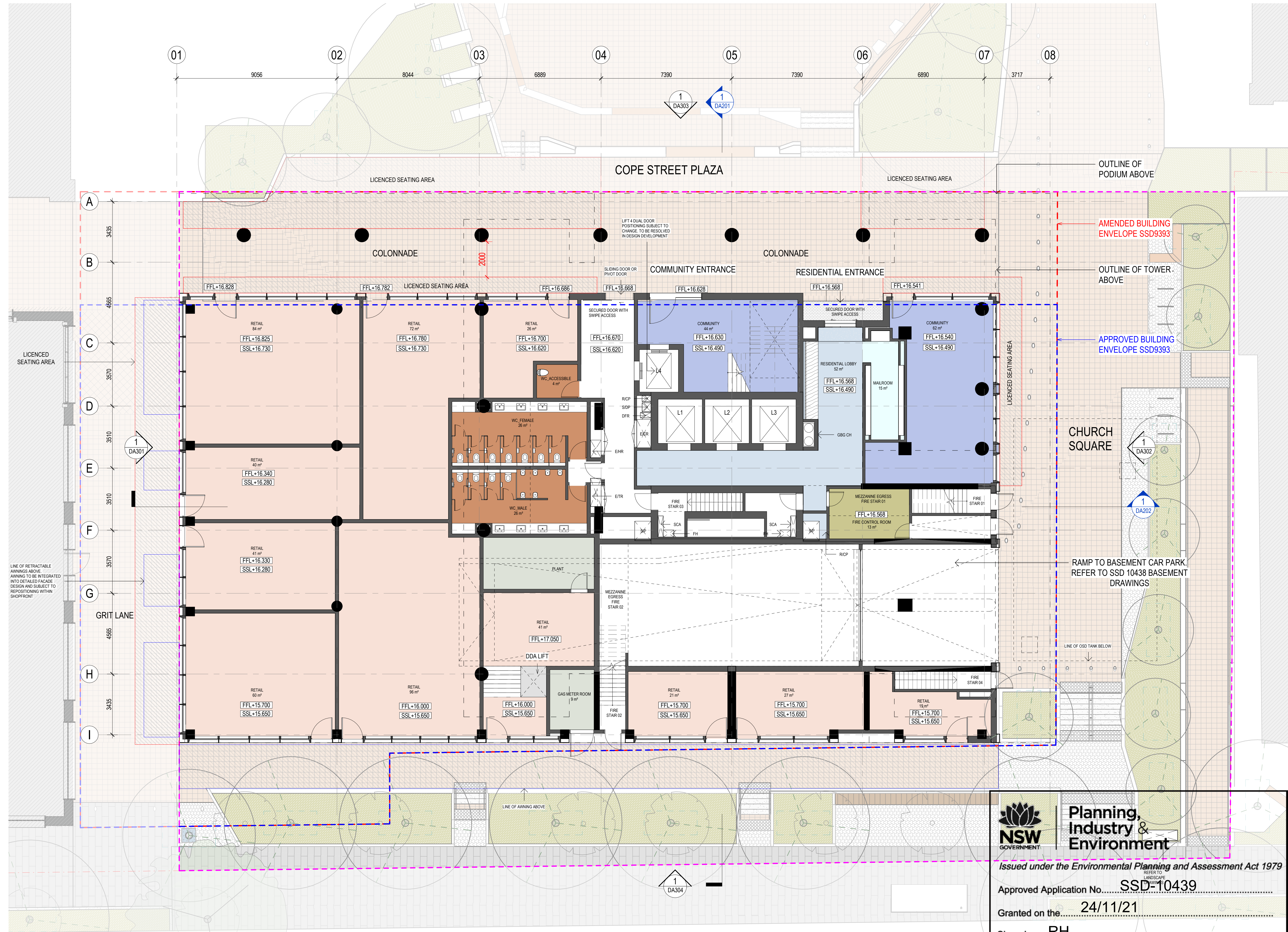
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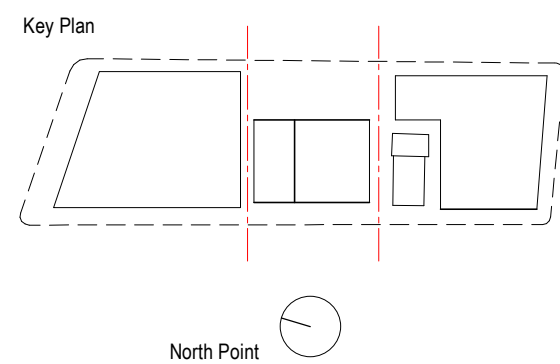
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Revision
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Recent revision history		
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1	Development Application	29/07/20
2	Response to Submission	15/03/21
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Sheet size	Scale
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GROUND FLOOR PLAN

Status

Sheet number
WMQ-BLD2-HAS-AR-DRG-DA010 3



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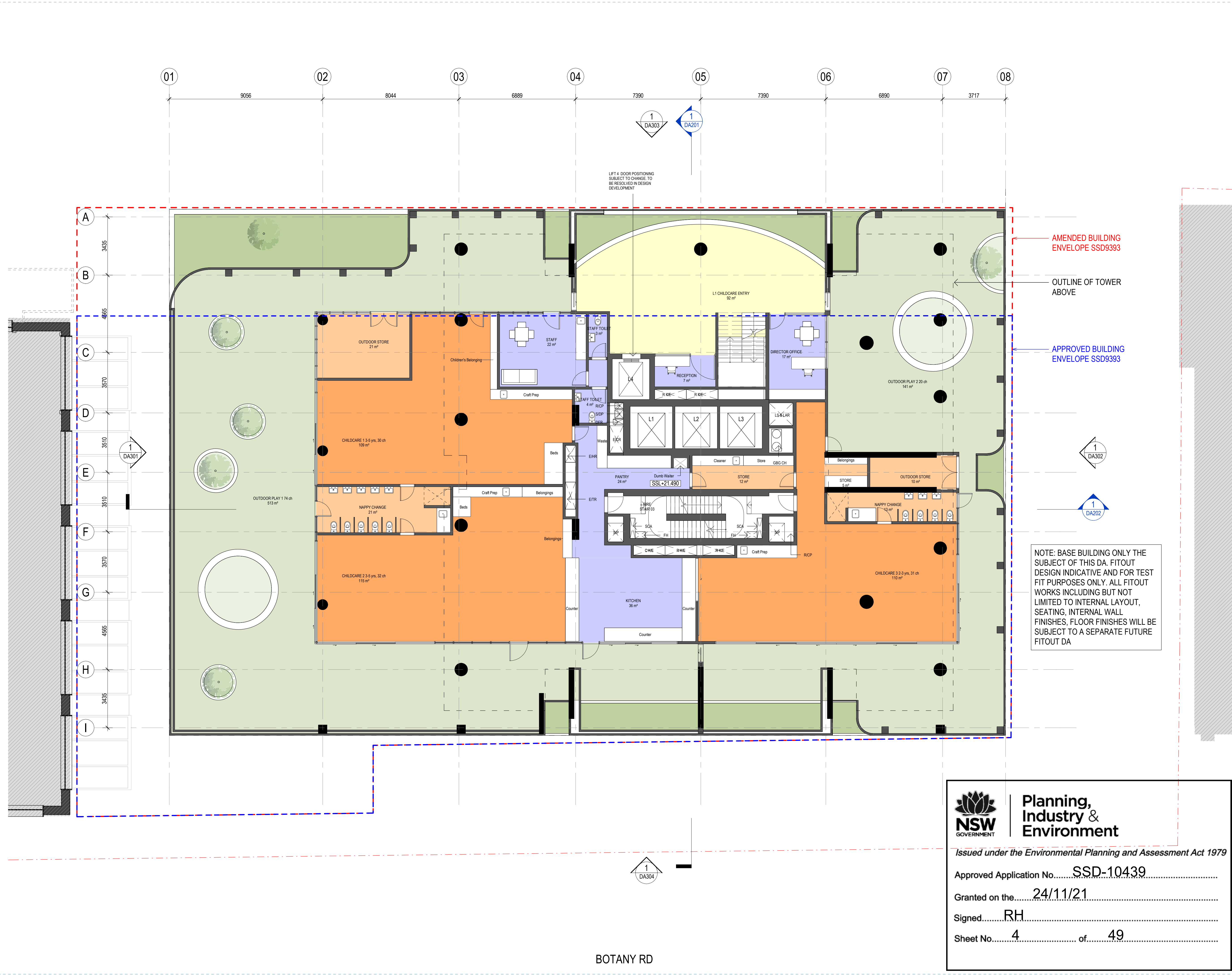
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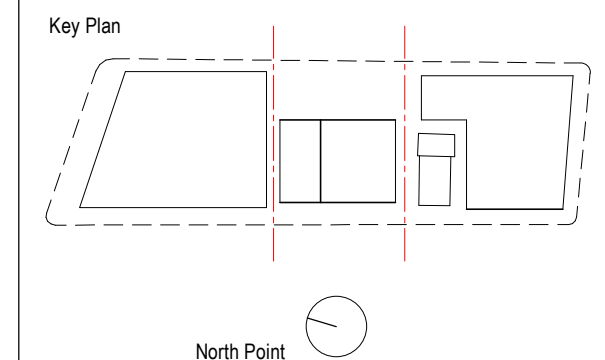
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Recent revision history		
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1	Development Application	29/07/20
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LEVEL 01 PLAN

Status

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WMQ-BLD2-HAS-AR-DRG-DA011

Revision
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NSW GOVERNMENT | **Planning, Industry & Environment**

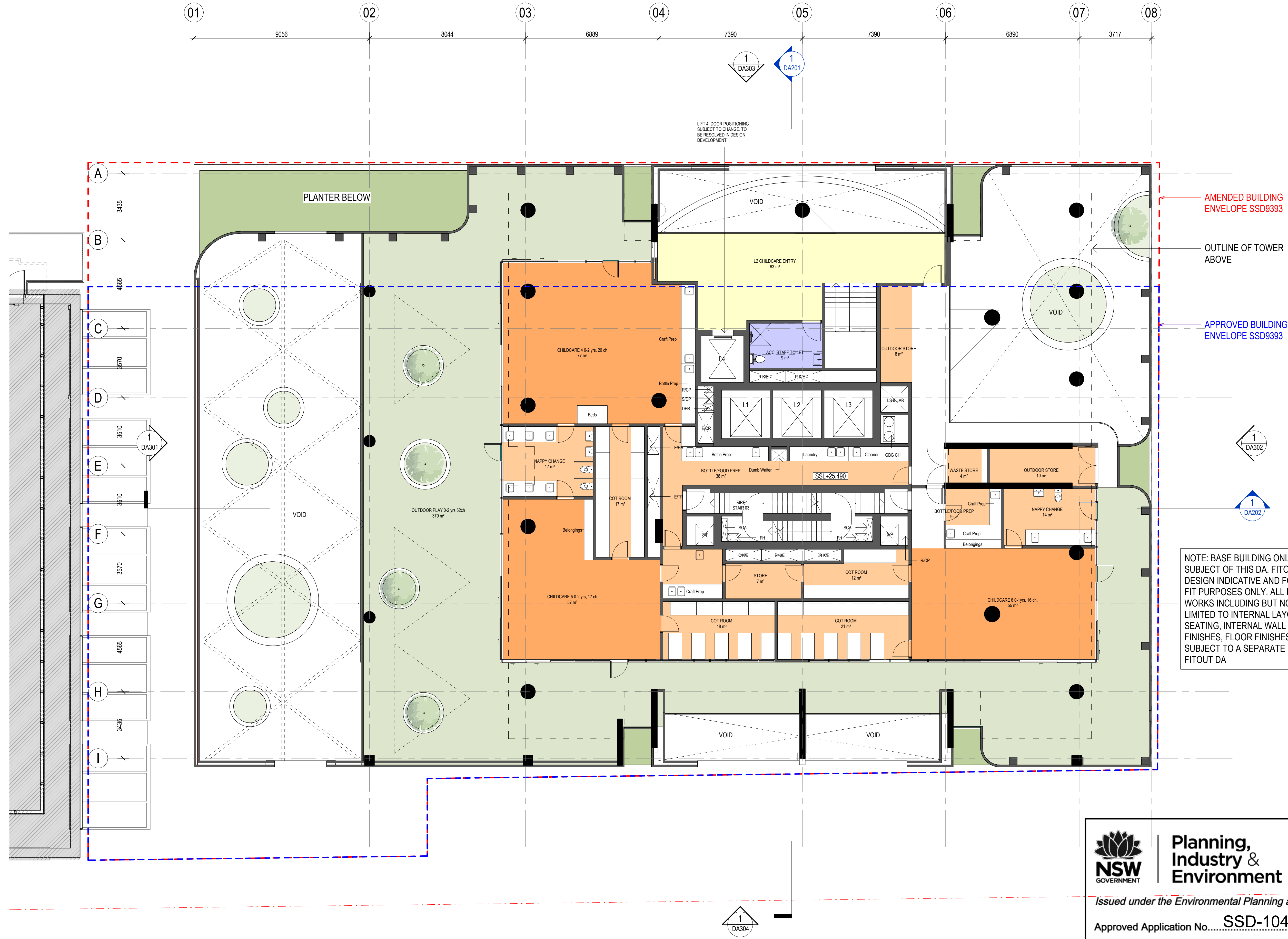
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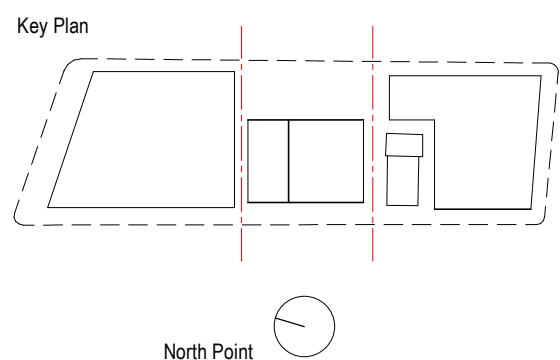
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Recent revision history		
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Client

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A Joint Venture Project
JOHN HOLLAND **mirvac**

NSW GOVERNMENT **sydney METRO**

Consultant

Hassell

Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number
014079-61A-P

Size check
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LEVEL 02 PLAN

Status

Sheet number
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Revision
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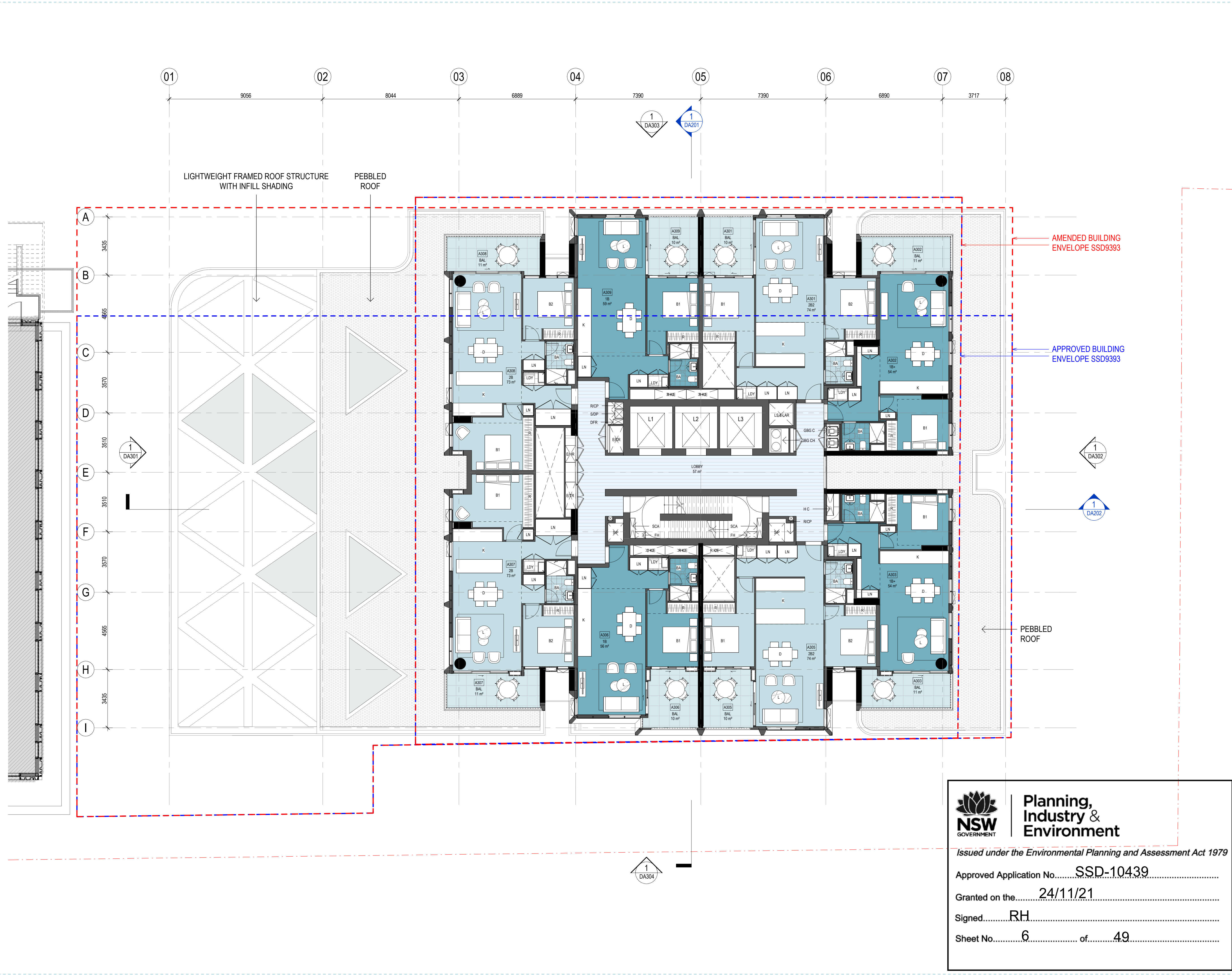
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Recent revision history

#	Status	Description	Date
1	Development Application		29/07/20
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3	Response to Submission		27/07/21

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Key Plan

North Point

Client

NSW GOVERNMENT

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Project

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Central Precinct

Project number

014079-61A-P

Size check

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Sheet title

LEVEL 03 PLAN - AFFORDABLE

Status

Sheet number

WMQ-BLD2-HAS-AR-DRG-DA013

Revision

3

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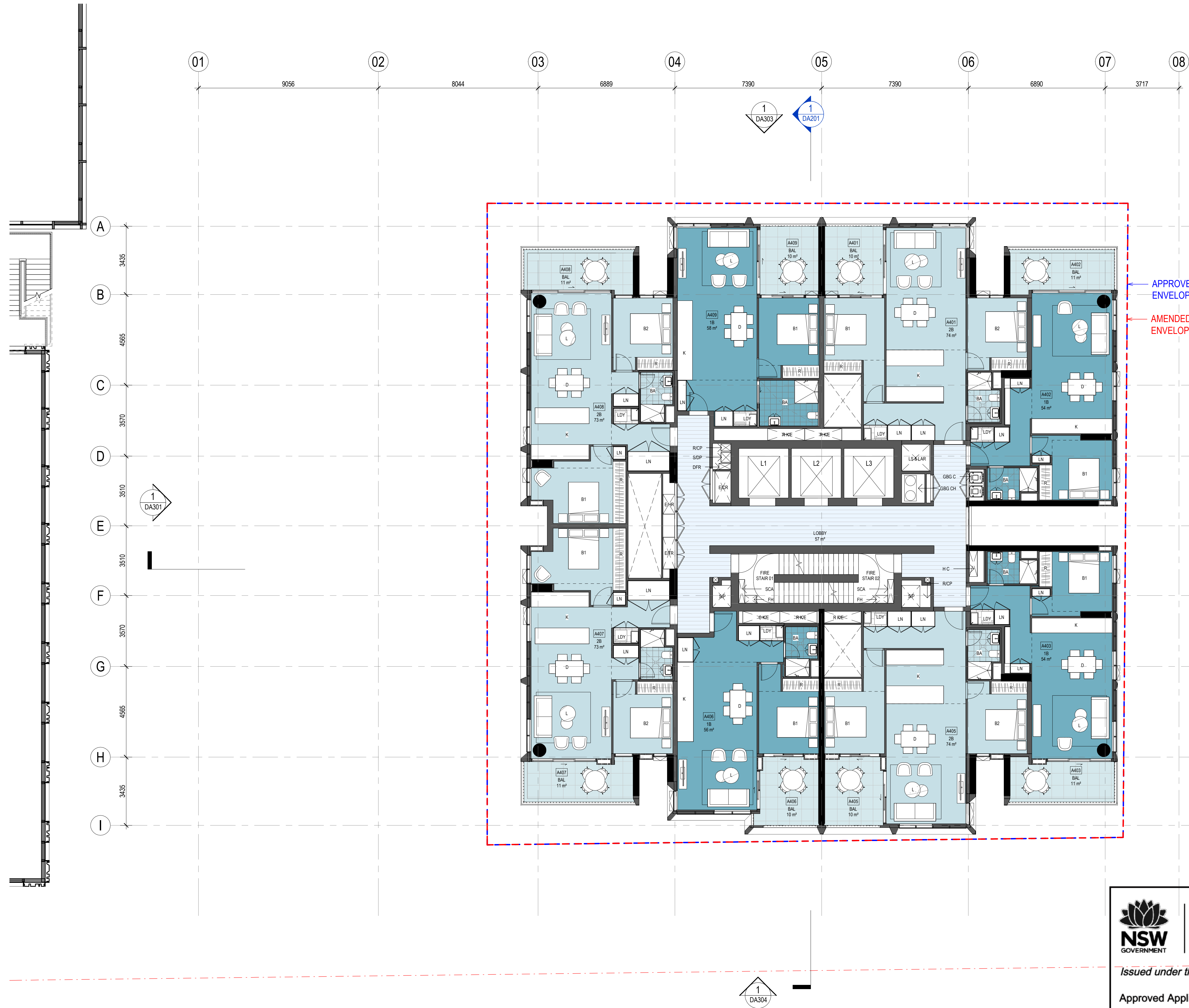
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APPROVED BUILDING
ENVELOPE SSD9393

AMENDED BUILDING
ENVELOPE SSD9393

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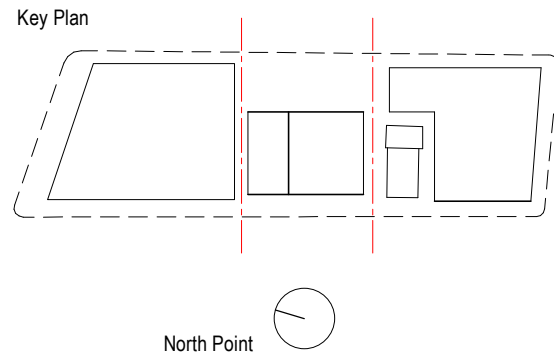
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Recent revision history		
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1	Development Application	29/07/20
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Central Precinct

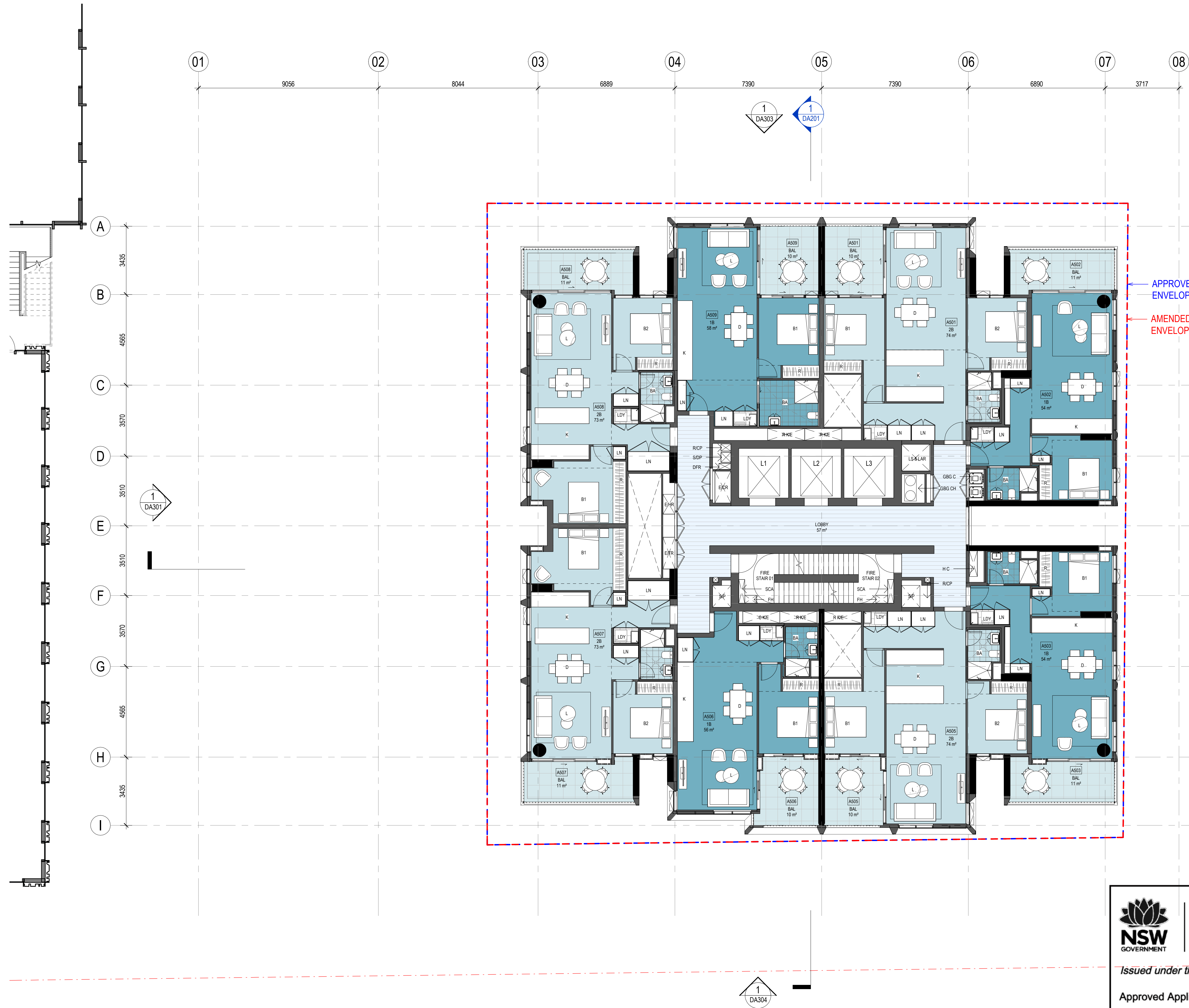
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LEVEL 04 PLAN - AFFORDABLE

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Sheet number
WMQ-BLD2-HAS-AR-DRG-DA014

Revision
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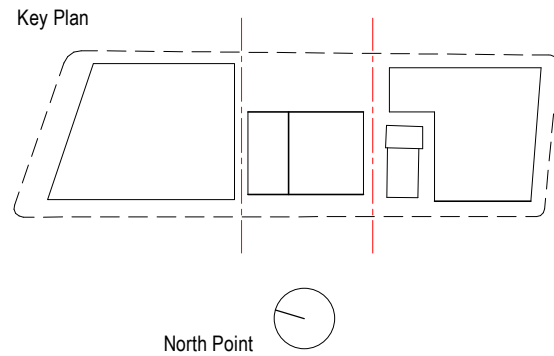
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Sheet No.....8 of.....49

Recent revision history		
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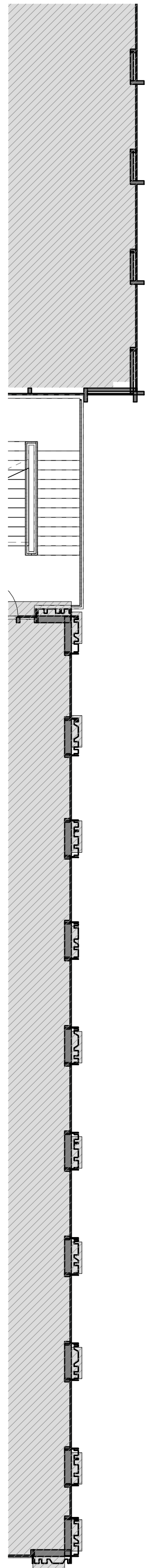
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WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

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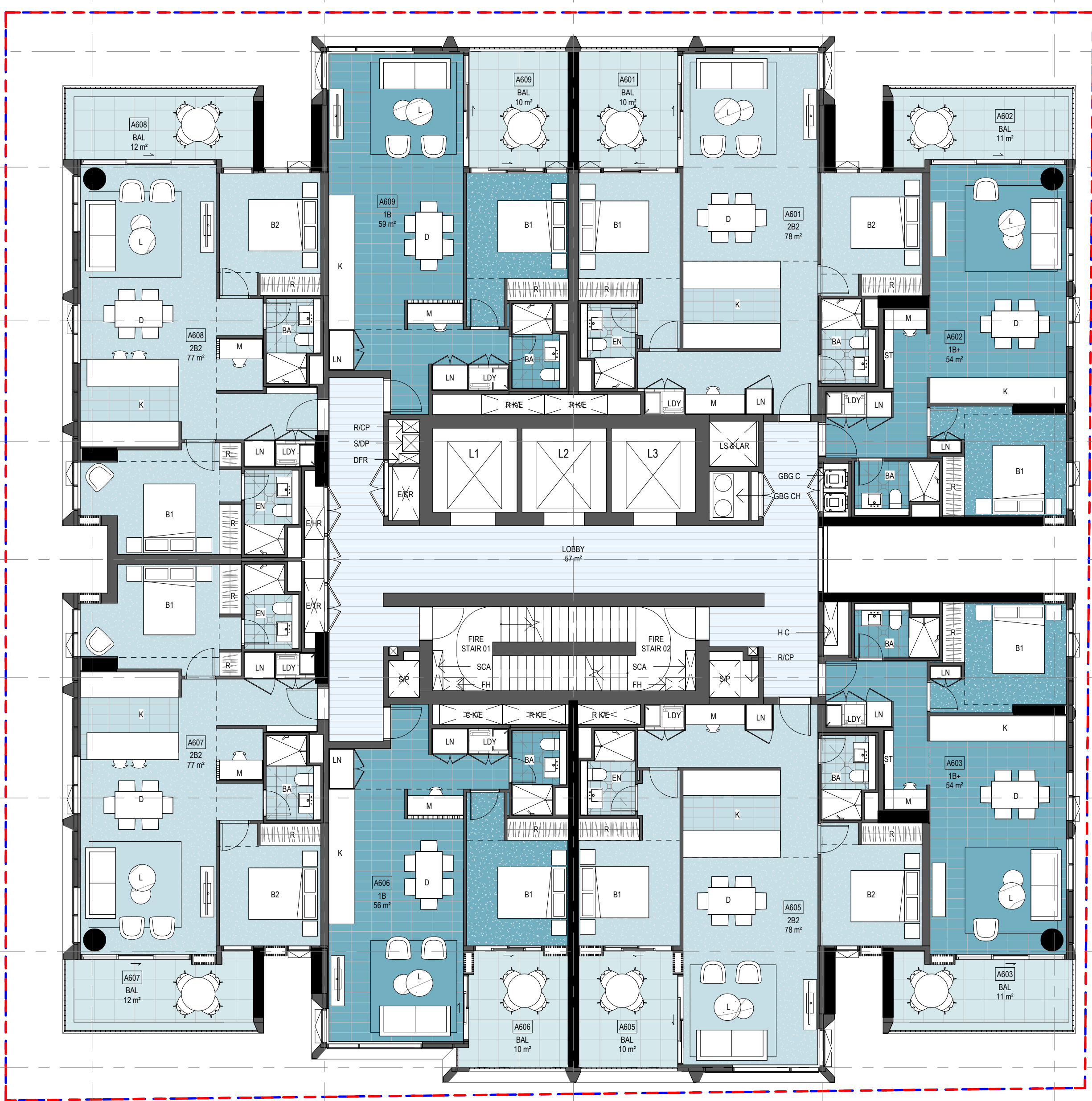
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APPROVED BUILDING
ENVELOPE SSD9393

AMENDED BUILDING
ENVELOPE SSD9393

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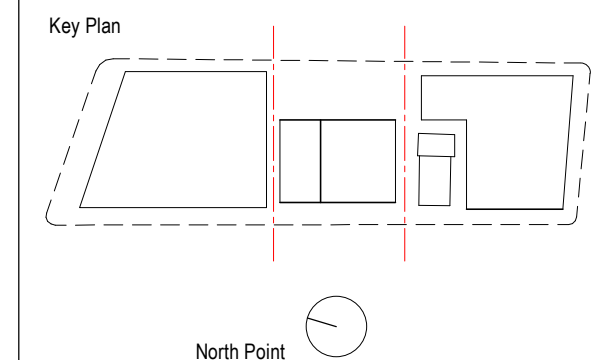
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Client



Waterloo Integrated
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A Joint Venture Project

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Project

WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number

014079-61A-P

Size check

25mm

Checked

Approved

ZC

LW

Sheet size

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Scale

1 : 100

Sheet title

LEVEL 06 PLAN - LOW BTS

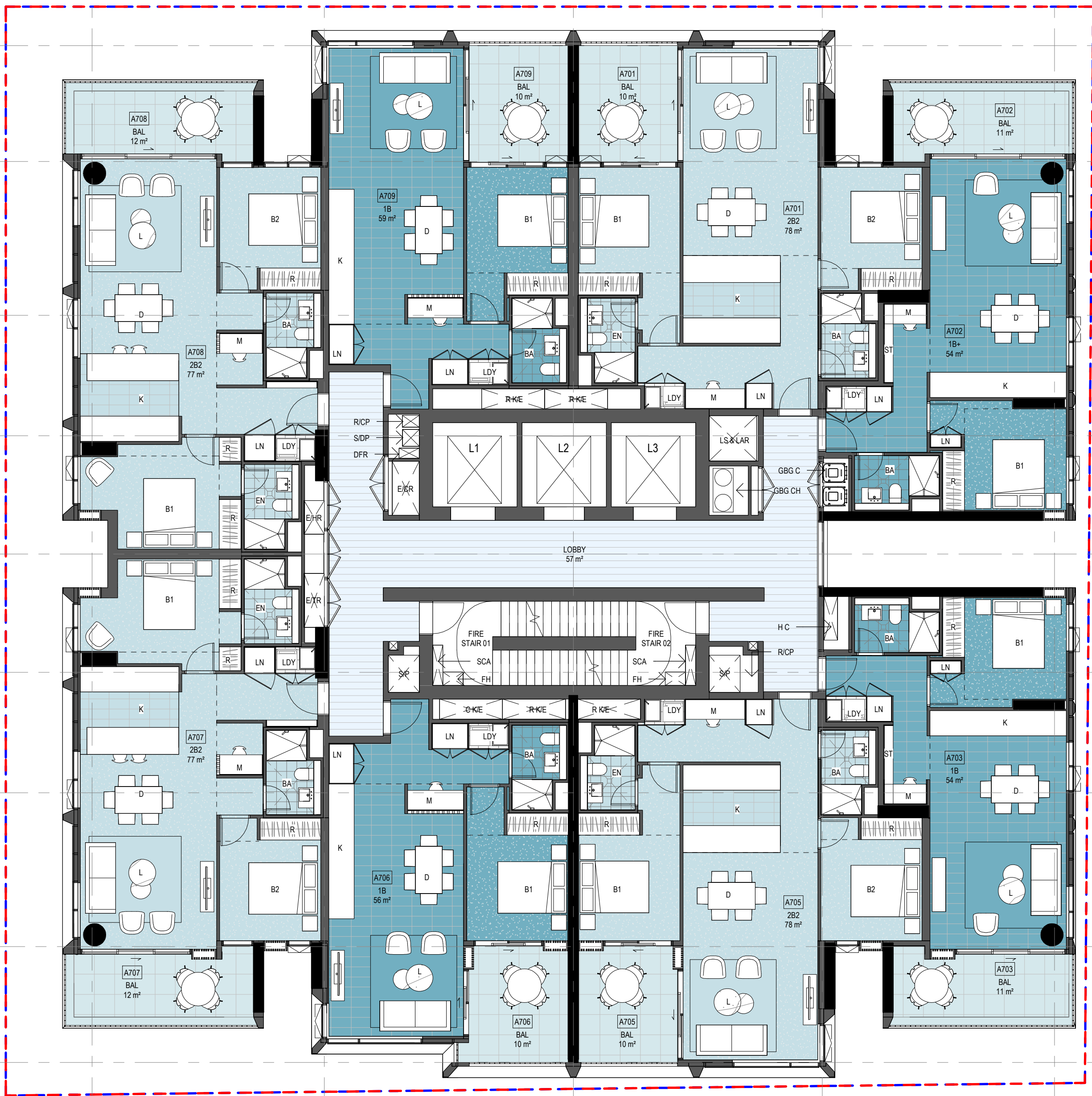
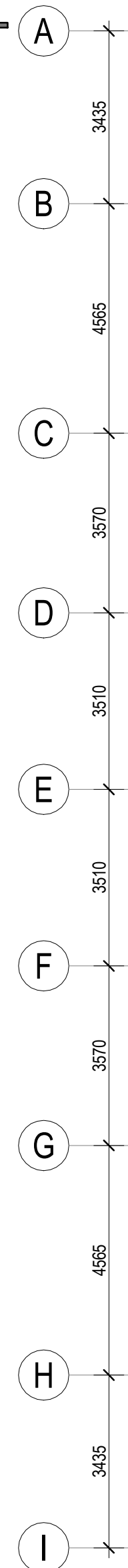
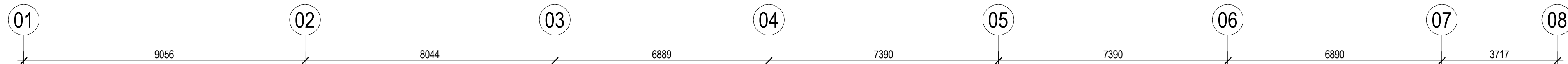
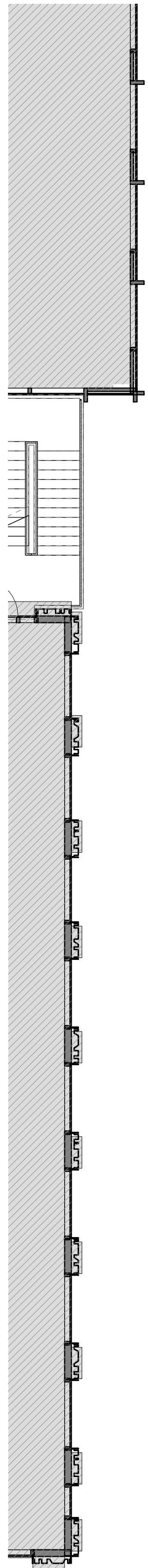
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Sheet number

WMQ-BLD2-HAS-AR-DRG-DA016

Revision

3



APPROVED BUILDING
ENVELOPE SSD9393

AMENDED BUILDING
ENVELOPE SSD9393



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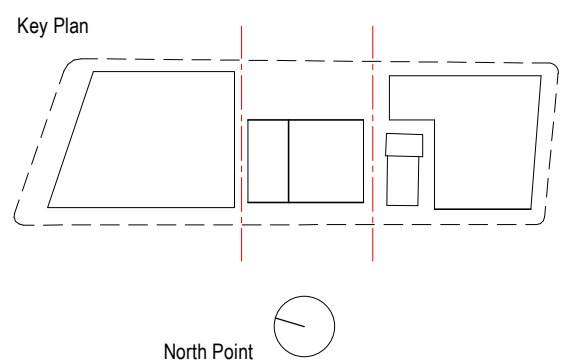
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Sheet No.....10..... of.....49.....

Recent revision history		
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2	Response to Submission	15/03/21
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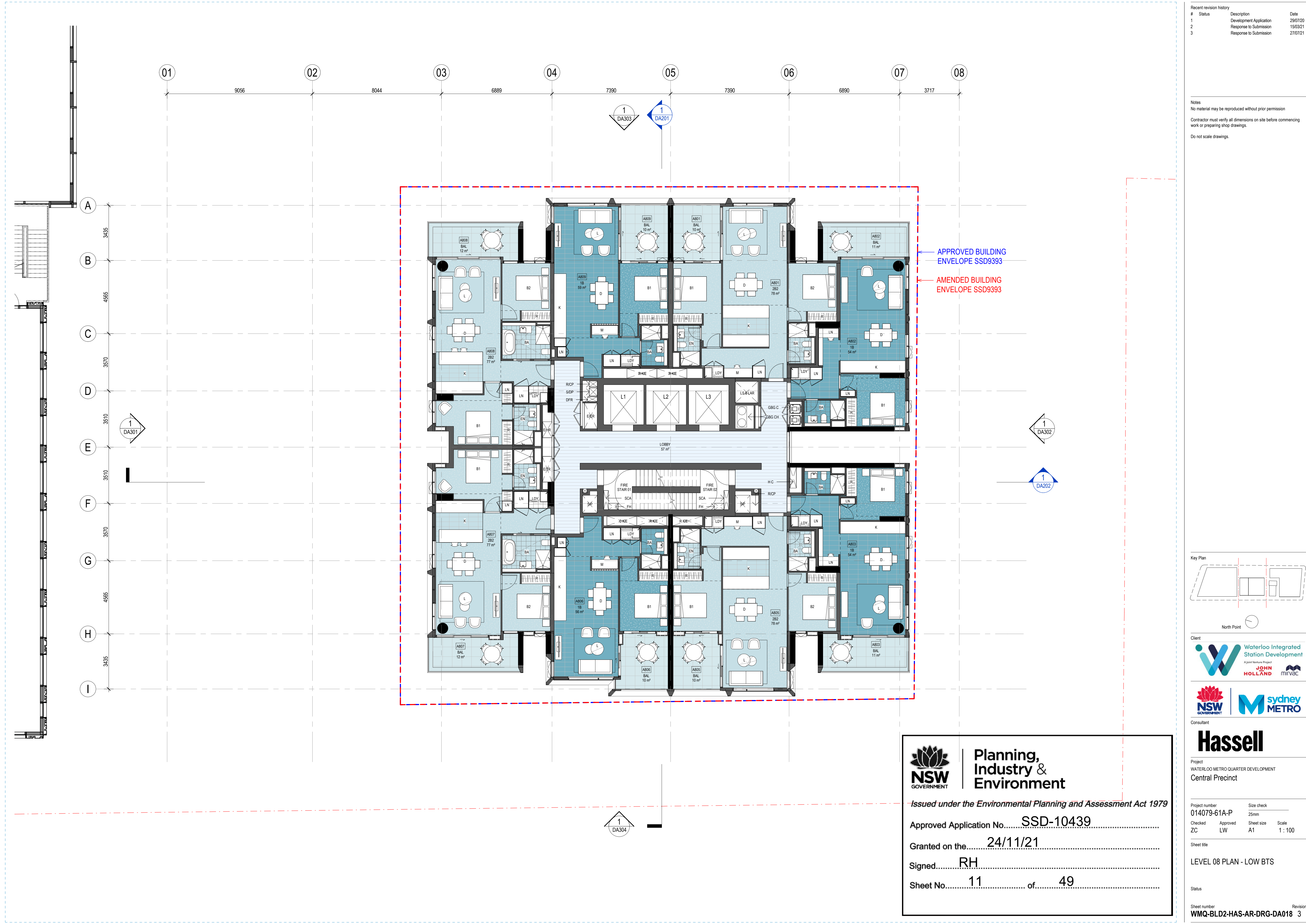
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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number	Size check
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Checked	Approved
ZC	LW
Sheet size	Scale
A1	1 : 100

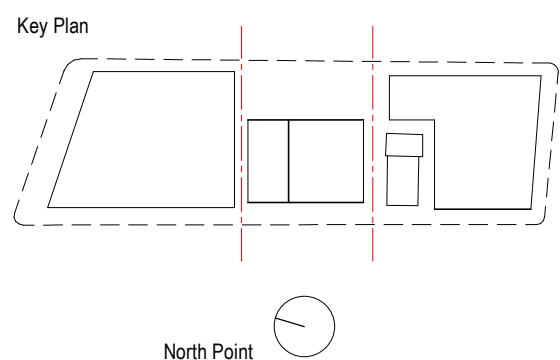
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LEVEL 07 PLAN - LOW BTS

Status	Revision
Sheet number	WMQ-BLD2-HAS-AR-DRG-DA017
	3



Recent revision history		
#	Status	Description
1	Development Application	29/07/20
2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

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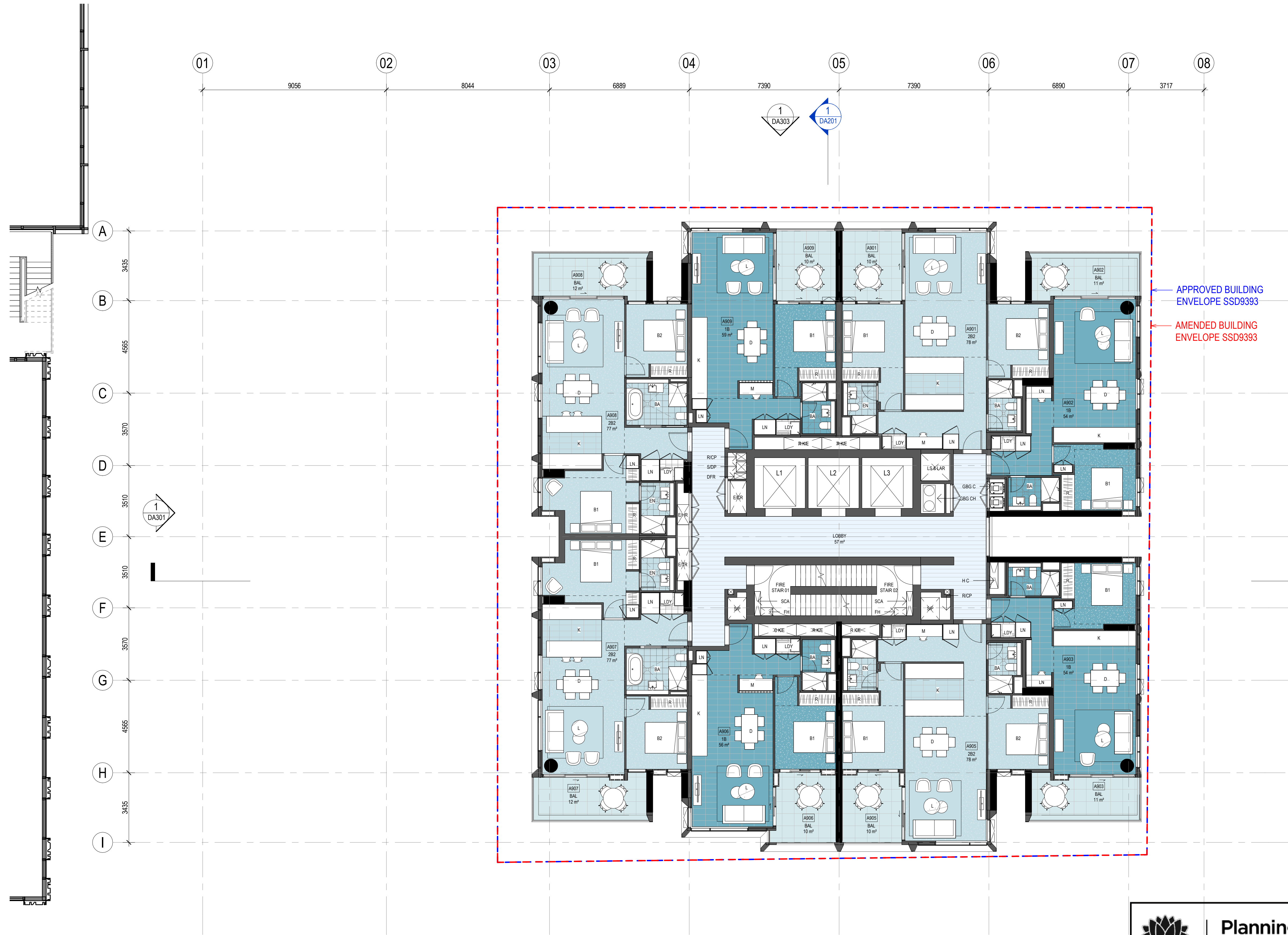
Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number	Size check
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Checked	Approved
ZC	LW
Sheet size	Scale
A1	1 : 100

Sheet title
LEVEL 08 PLAN - LOW BTS

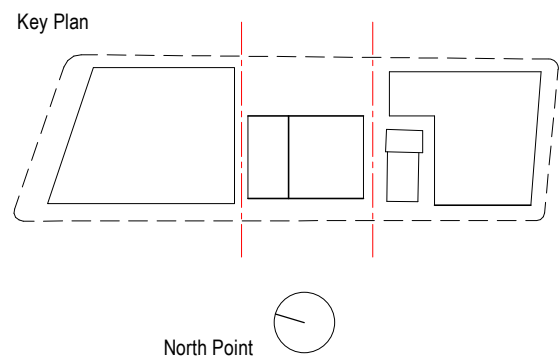
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Sheet number
WMQ-BLD2-HAS-AR-DRG-DA018 3



Recent revision history		
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2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

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Central Precinct

Project number		Size check	
014079-61A-P		25mm	
Checked	Approved	Sheet size	Scale
ZC	LW	A1	1 : 100

Sheet title
LEVEL 09 PLAN - LOW BTS

Status

Sheet number
WMQ-BLD2-HAS-AR-DRG-DA019

Revision
3



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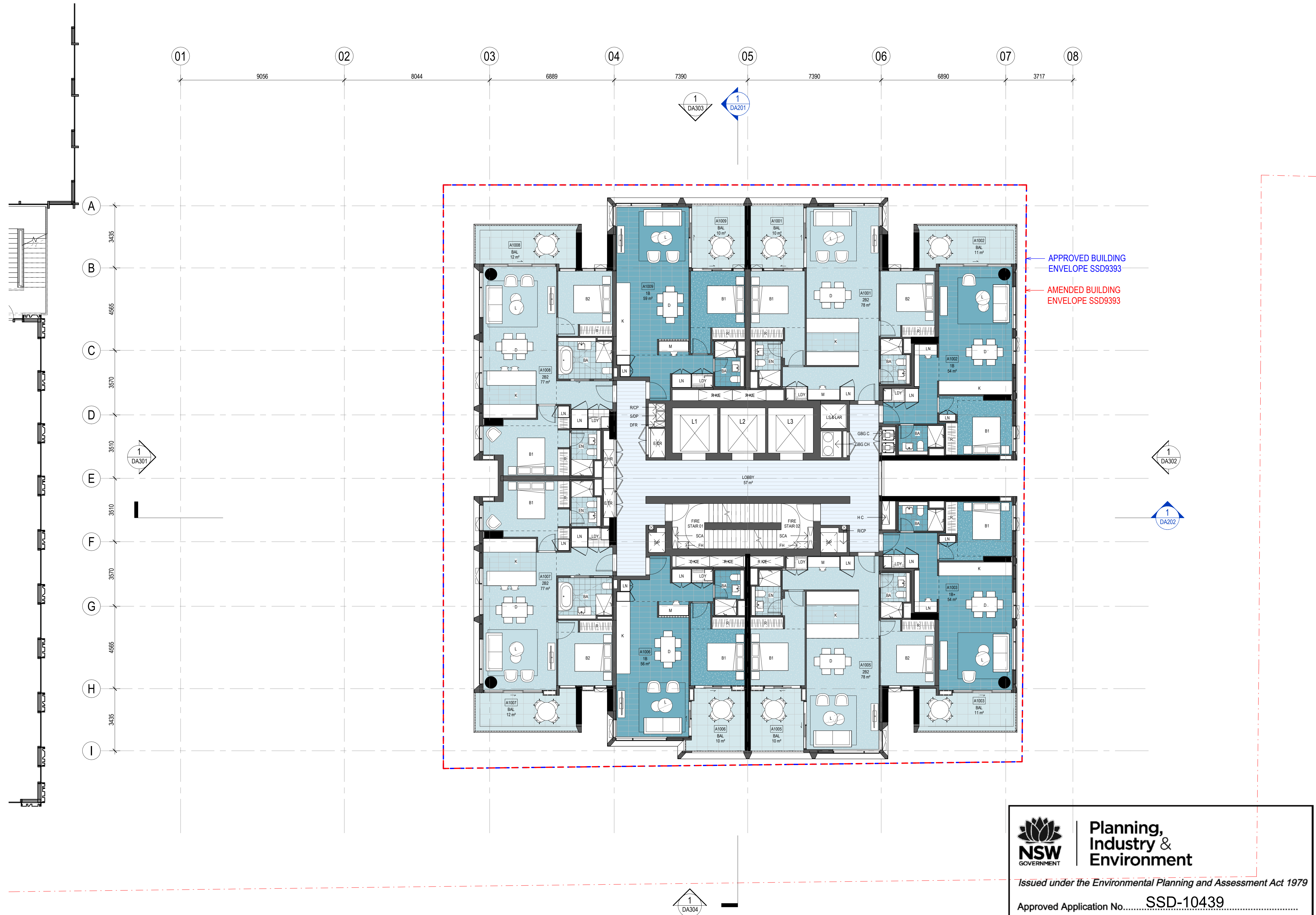
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Sheet No.....**13**..... of.....**49**.....

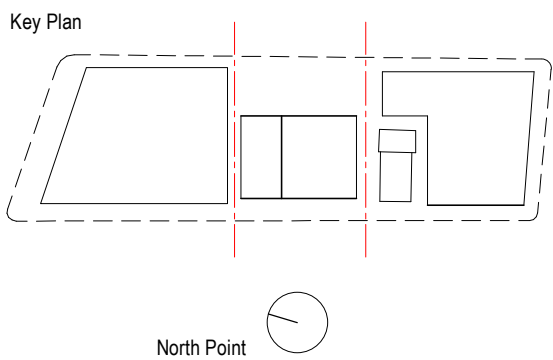
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#	Status	Description
1	Development Application	29/07/20
2	Response to Submission	15/03/21
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Central Precinct

Project number
014079-61A-P

Checked
ZC

Approved
LW

Size check
25mm

Sheet size
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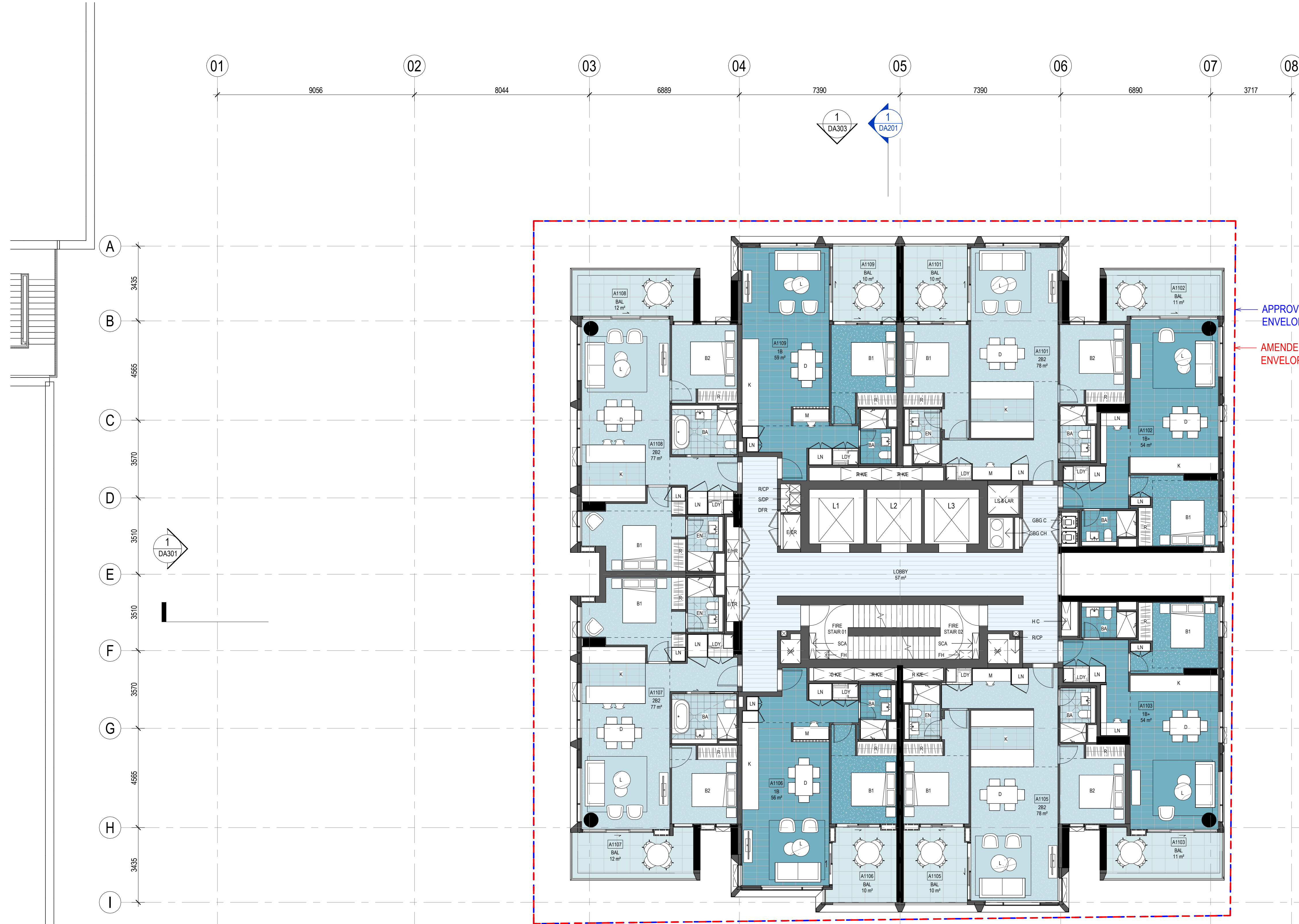
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LEVEL 10 PLAN - LOW BTS

Status

Sheet number
WMQ-BLD2-HAS-AR-DRG-DA020

Revision
3



APPROVED BUILDING
ENVELOPE SSD9393

AMENDED BUILDING
ENVELOPE SSD9393



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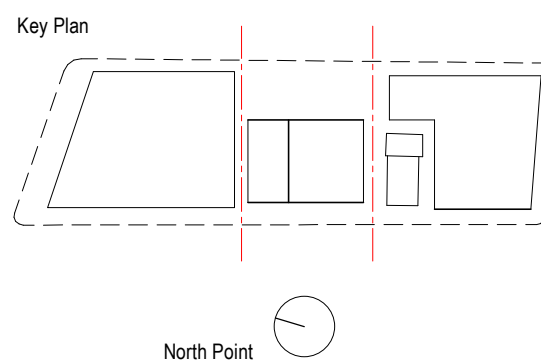
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1	Development Application	29/07/20
2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

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JOHN HOLLAND mirvac





Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number
014079-61A-P

Size check
25mm

Checked
ZC

Approved
LW

Sheet size
A1

Scale
1 : 100

Sheet title

LEVEL 11 PLAN - LOW BTS

Status

Sheet number
WMQ-BLD2-HAS-AR-DRG-DA021

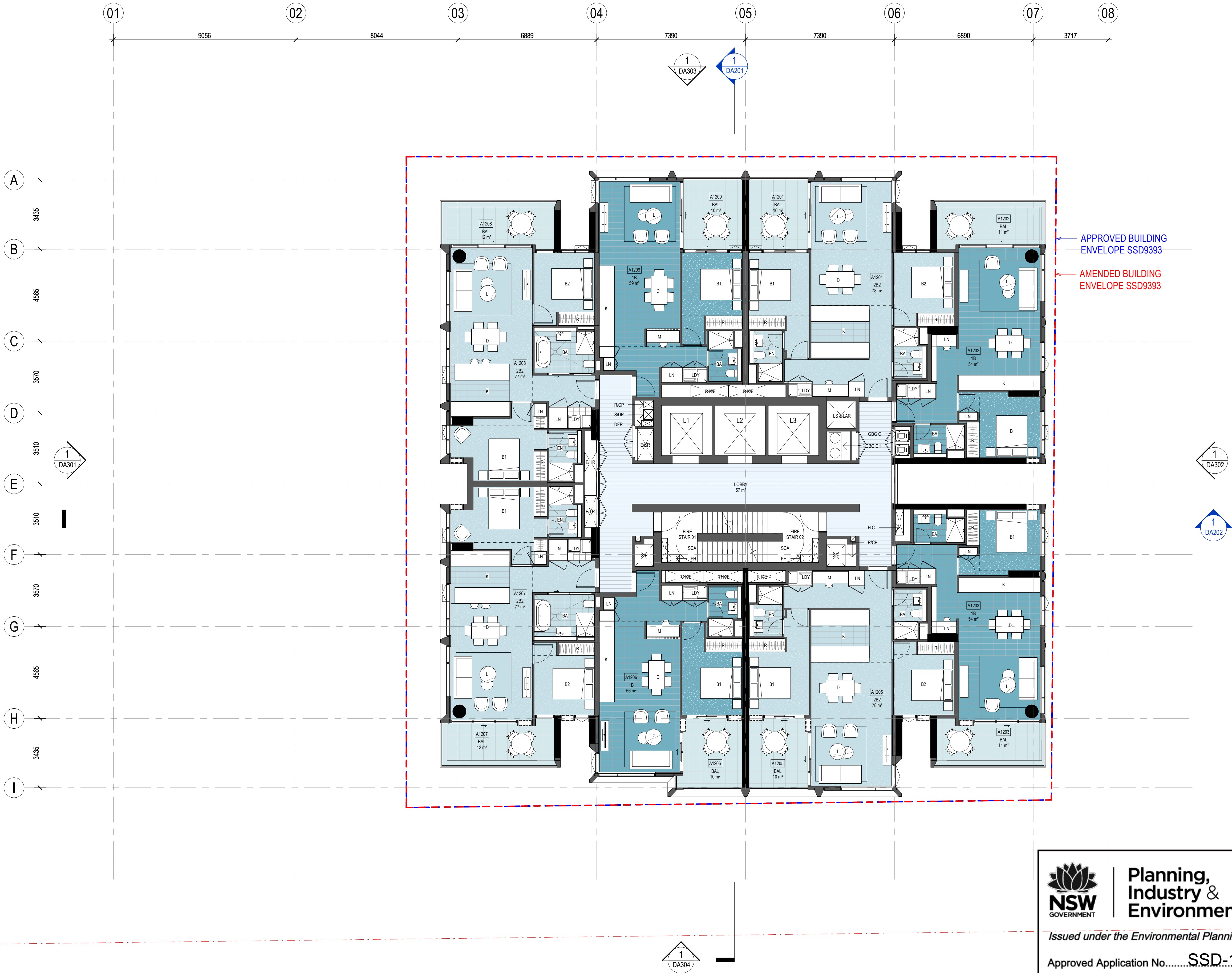
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Recent revision history		
#	Status	Description
1	Development Application	29/07/20
2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

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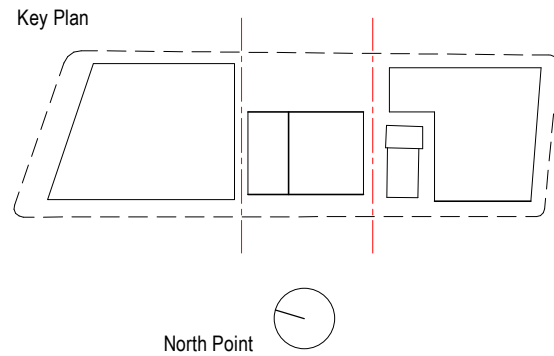
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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number
014079-61A-P

Size check
25mm

Checked
ZC

Approved
LW

Sheet size
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Scale
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Sheet title
LEVEL 12 PLAN - LOW BTS

Status

Sheet number
WMQ-BLD2-HAS-AR-DRG-DA022

Revision
3

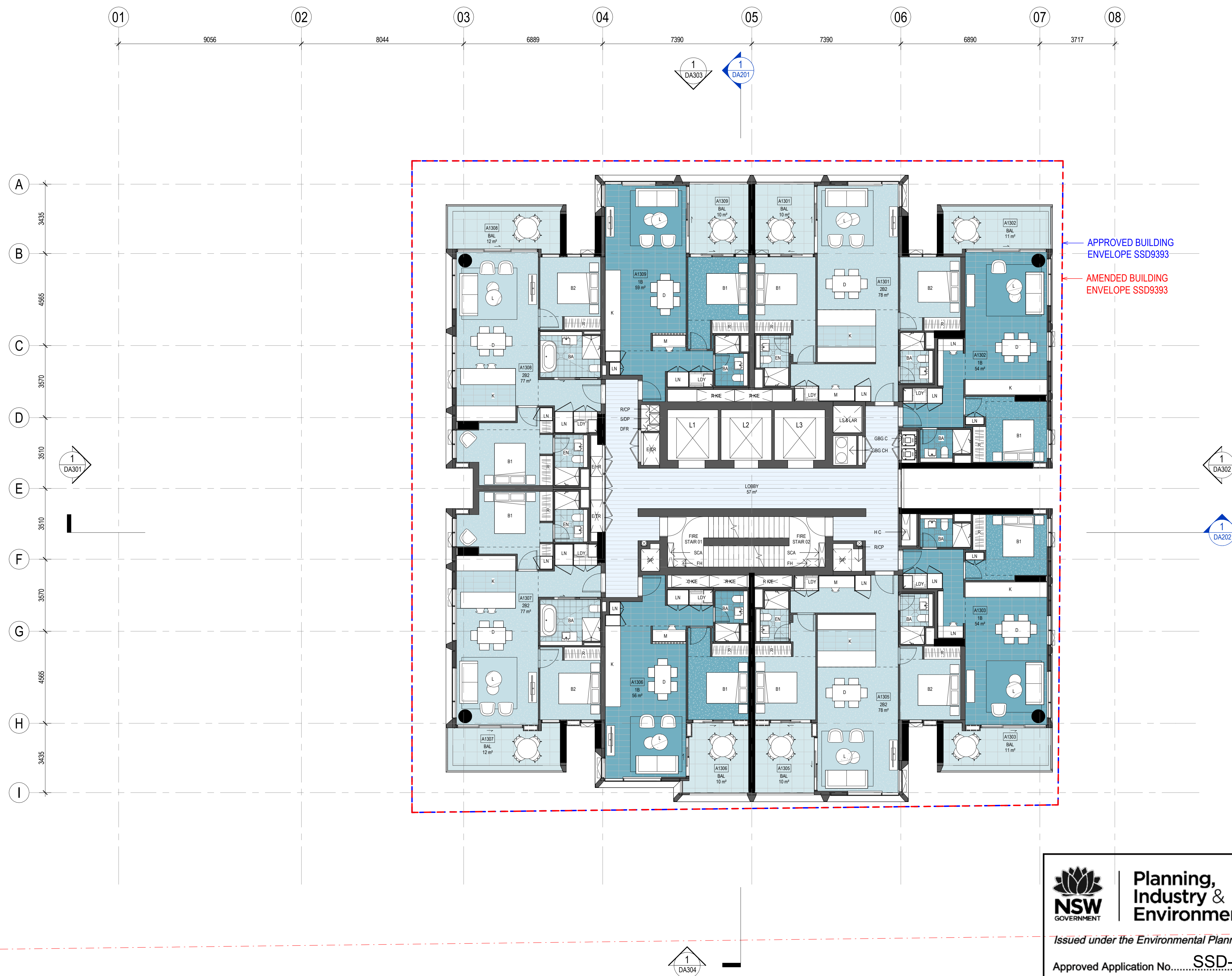
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2		Response to Submission	15/03/21
3		Response to Submission	27/07/21

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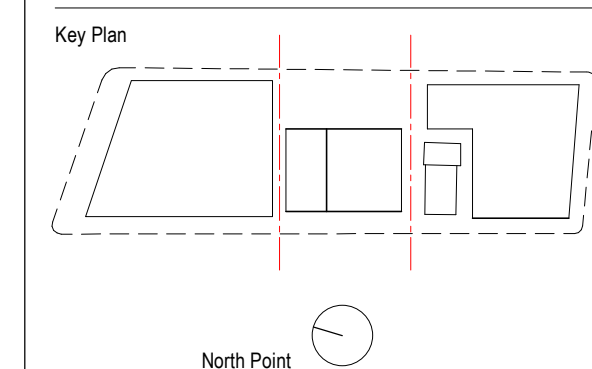
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Central Precinct

Project number		Size check	
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Checked	Approved	Sheet size	Scale
ZC	LW	A1	1 : 100

Sheet title

LEVEL 13 PLAN - LOW BTS

Status	
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Sheet number Revision
WMQ-BLD2-HAS-AR-DRG-DA023 **3**

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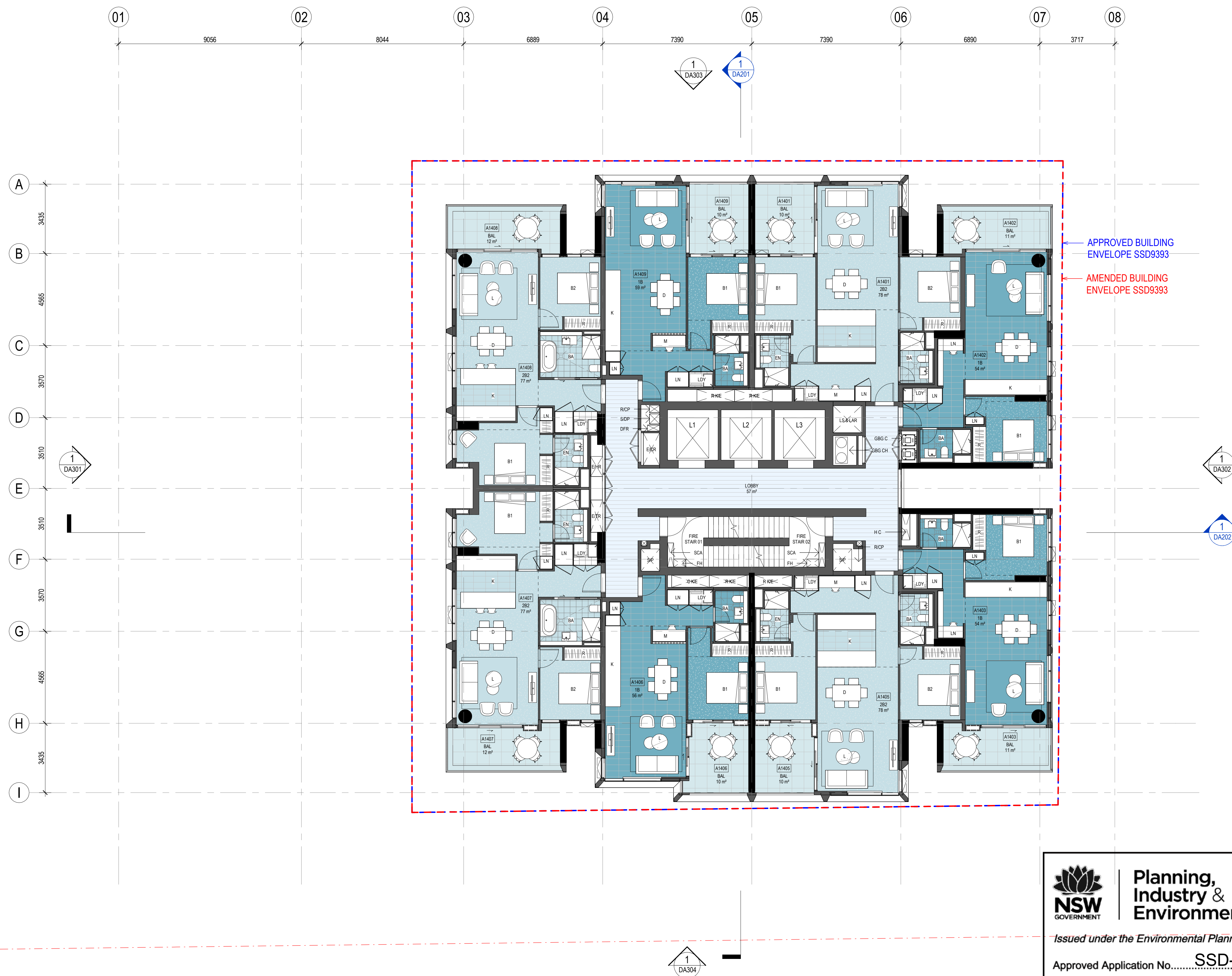
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1		Development Application	29/07/20
2		Response to Submission	15/03/21
3		Response to Submission	27/07/21

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Sheet No. 17 of 49

Key Plan

North Point

Client

 Waterloo Integrated
Station Development

A Joint Venture Project

**JOHN
HOLLAND**

 mirvac



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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number		Size check	
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Checked	Approved	Sheet size	Scale
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Sheet title

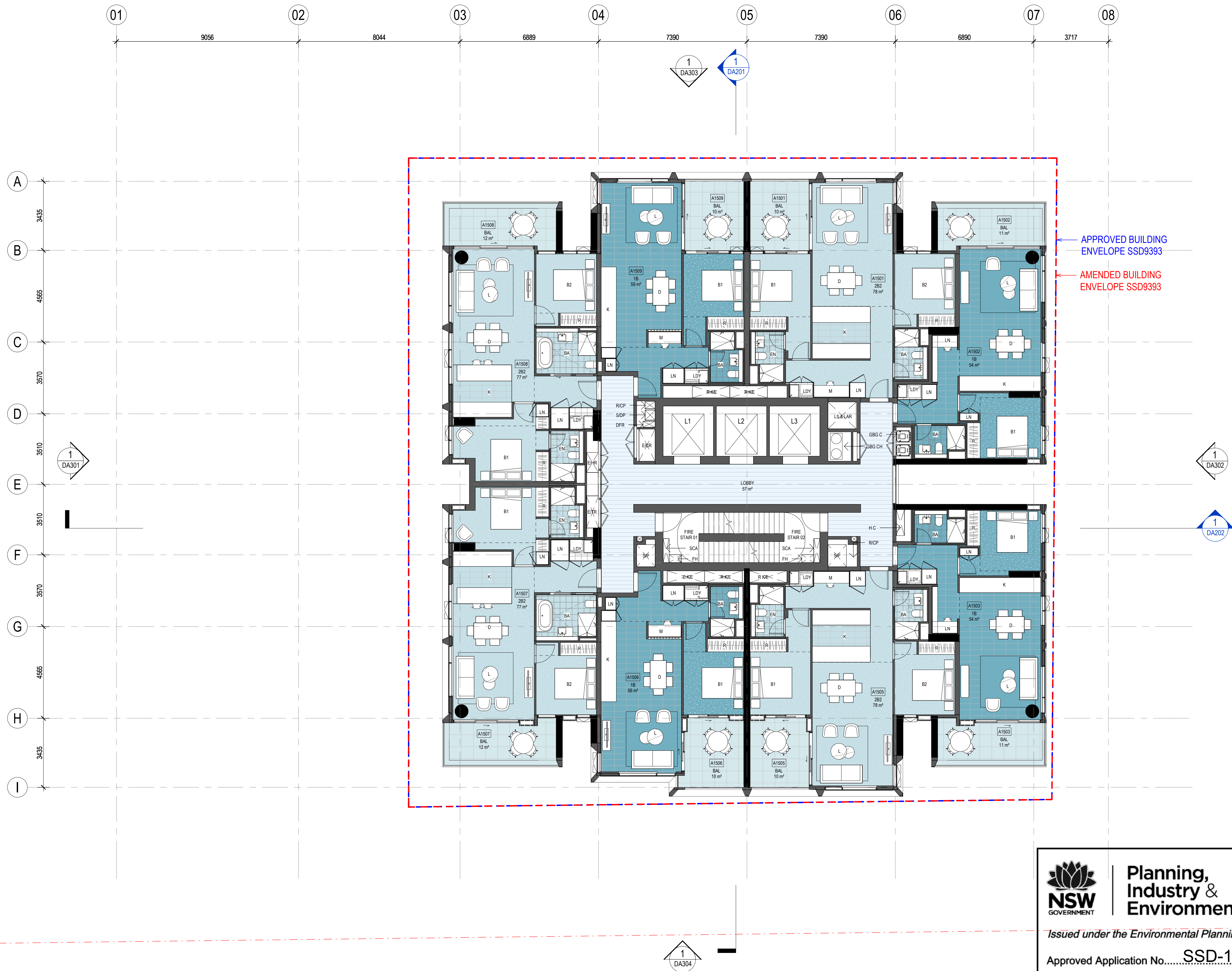
LEVEL 14 PLAN - LOW BTS

Status

Sheet number Revision
WMQ-BLD2-HAS-AR-DRG-DA024 3

Recent revision history		
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1	Development Application	29/07/20
2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

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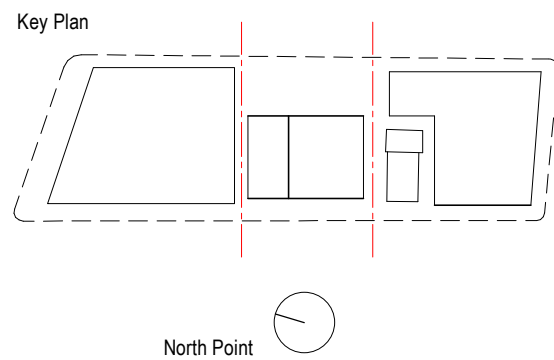
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Sheet No. **18** of **49**



Client
Waterloo Integrated Station Development
A Joint Venture Project
JOHN HOLLAND **MIRVAC**

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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number
014079-61A-P

Size check
25mm

Checked
ZC

Approved
LW

Sheet size
A1

Scale
1 : 100

Sheet title
LEVEL 15 PLAN - LOW BTS

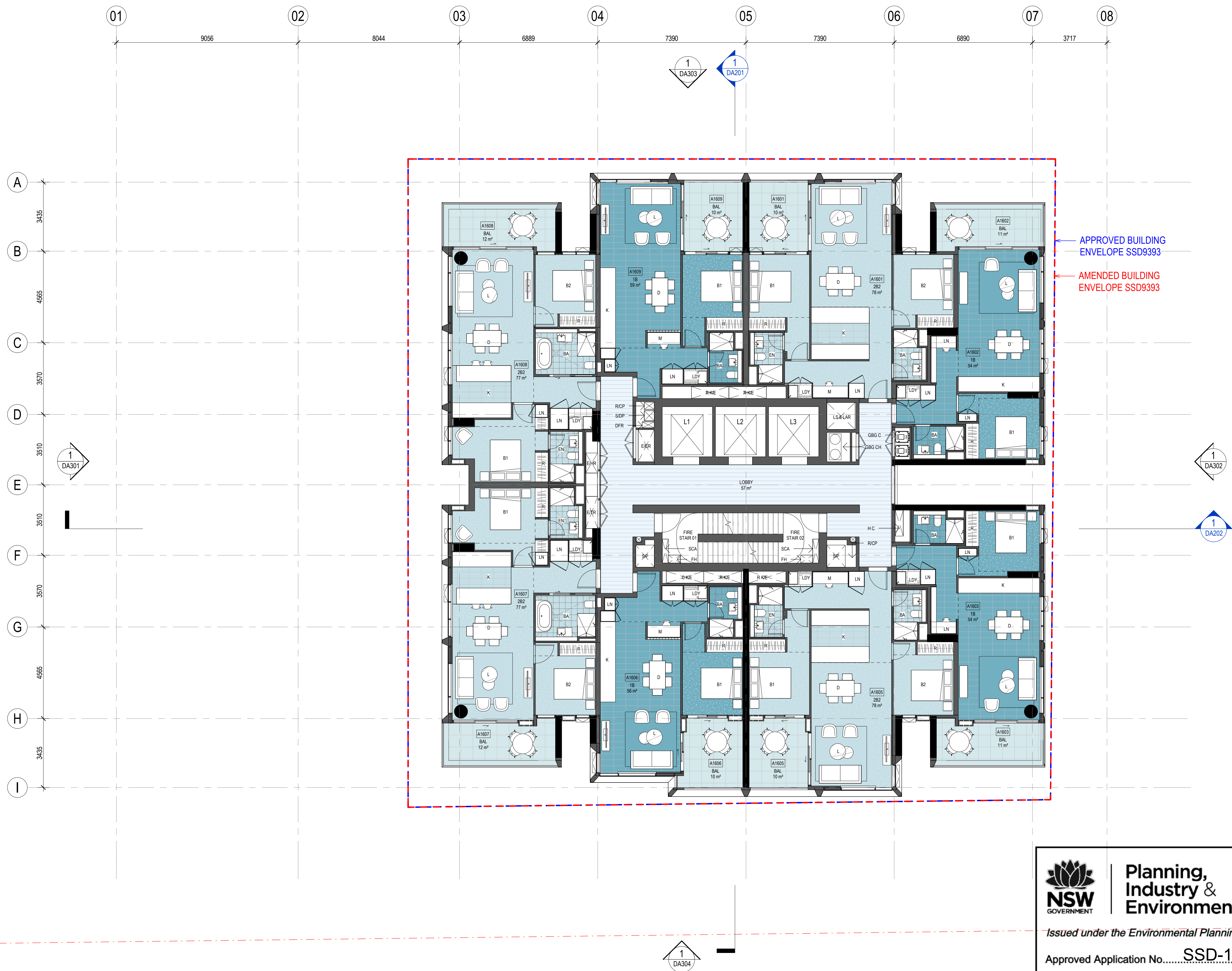
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Sheet number
WMQ-BLD2-HAS-AR-DRG-DA025

Revision
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Recent revision history		
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2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

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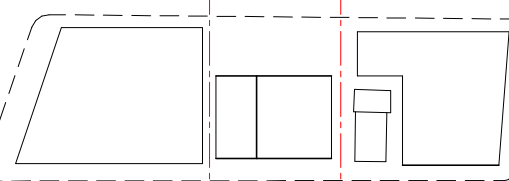
Approved Application No.....SSD-10439

Granted on the.....24/11/21

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Sheet No.....19.....of.....49

Key Plan



North Point



Client



Waterloo Integrated
Station Development



JOHN
HOLLAND



mivac

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sydney
METRO

Consultant

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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number	Size check
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Checked	Approved
ZC	LW
Sheet size	Scale
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Sheet title

LEVEL 16 PLAN - LOW BTS

Status

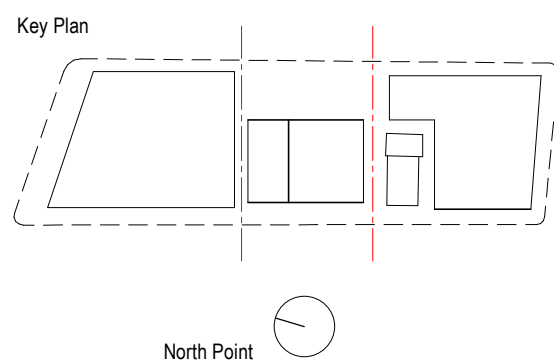
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WMQ-BLD2-HAS-AR-DRG-DA026	3

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Central Precinct

Project number		Size check	
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Checked	Approved	Sheet size	Scale
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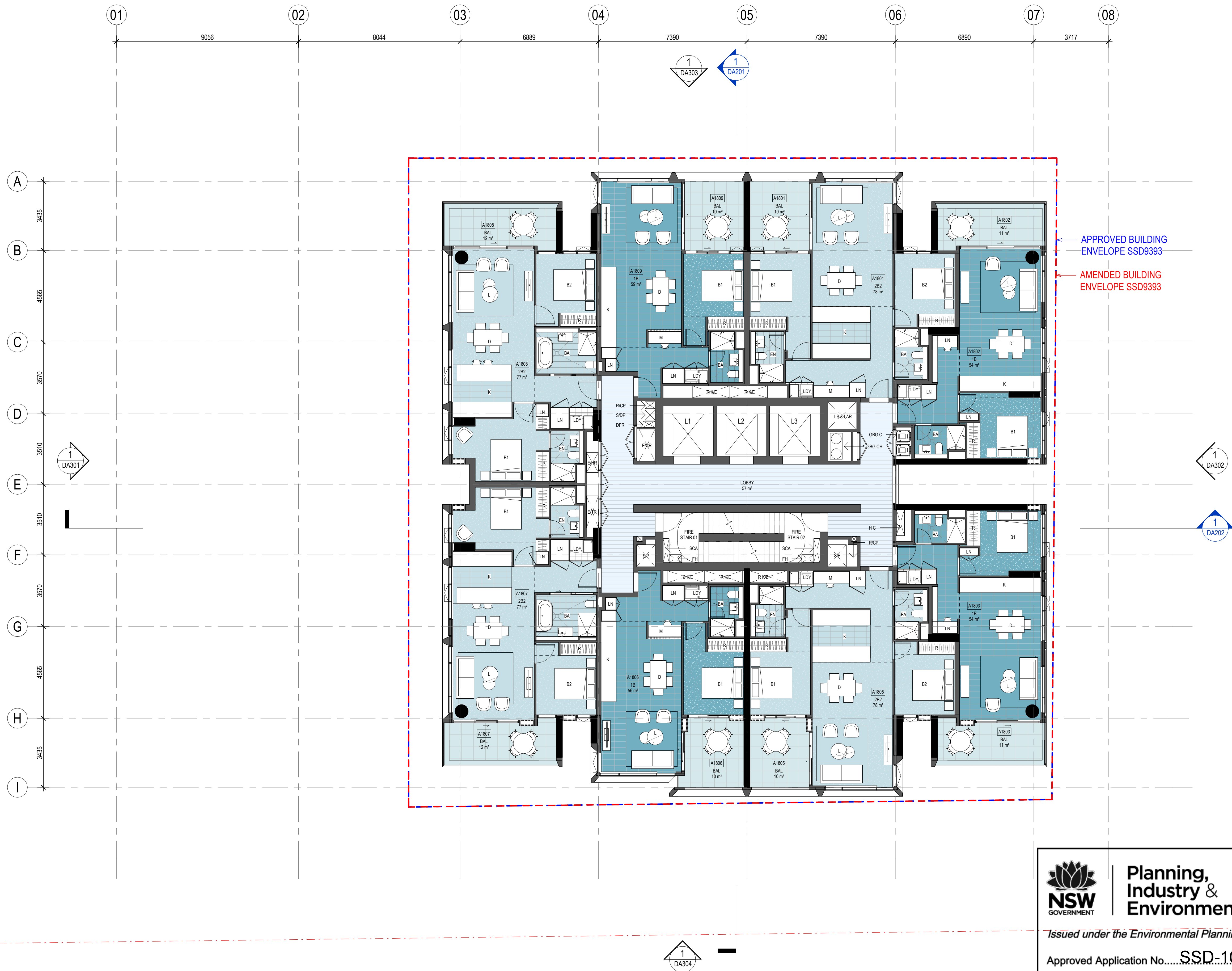
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Item 9	900
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Item 12	1200
Item 13	1300
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Item 20	2000
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Sheet number Revision
WMQ-BLD2-HAS-AR-DRG-DA027 3

Recent revision history		
#	Status	Description
1	Development Application	29/07/20
2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

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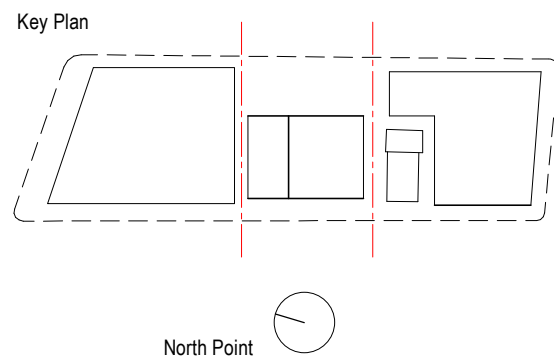
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A Joint Venture Project
JOHN HOLLAND | mirvac

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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number
014079-61A-P

Size check
25mm

Checked
ZC

Approved
LW

Sheet size
A1

Scale
1 : 100

Sheet title
LEVEL 18 PLAN - LOW BTS

Status

Sheet number
WMQ-BLD2-HAS-AR-DRG-DA028

Revision
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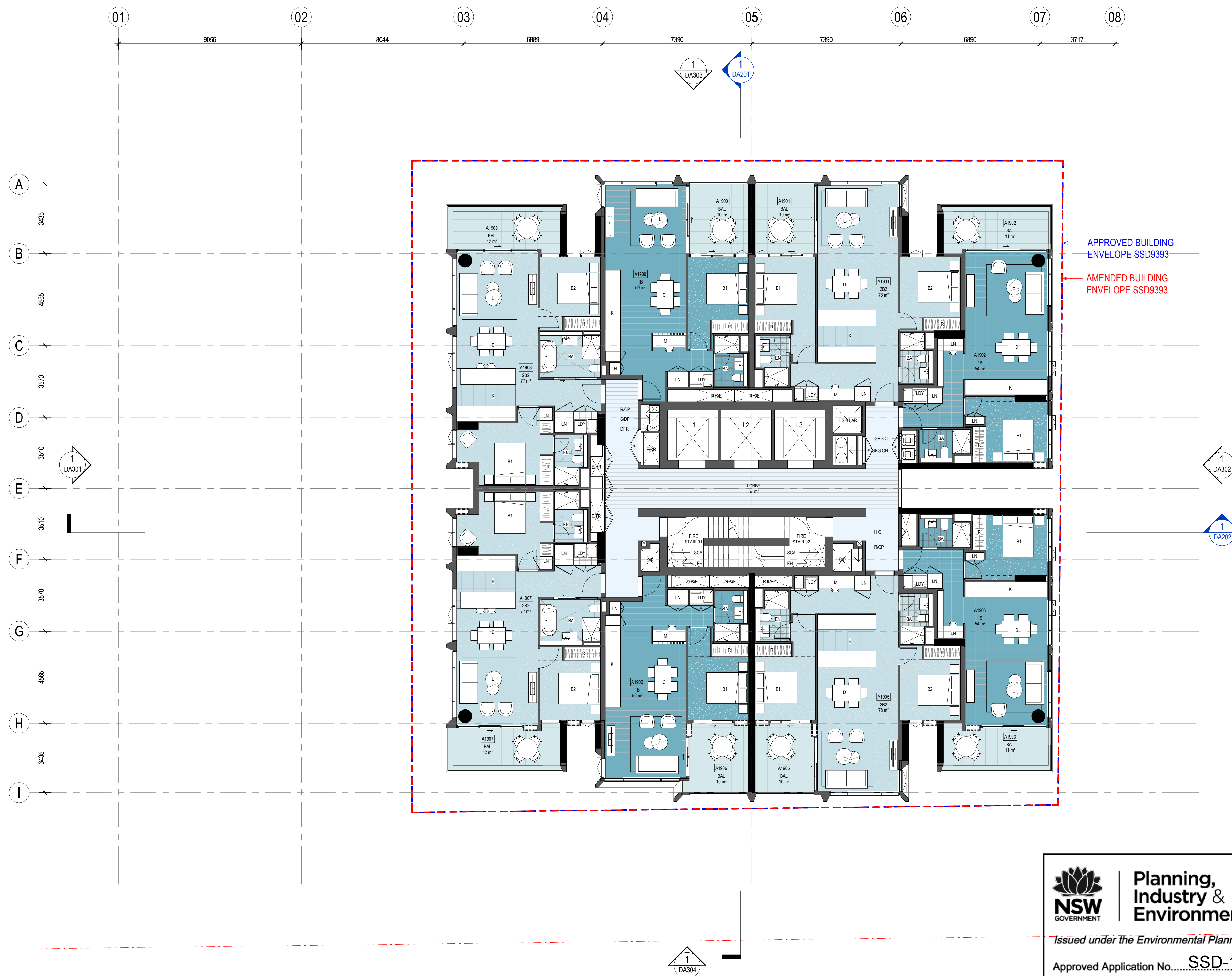
#	Status	Description	Date
1		Development Application	29/07/20
2		Response to Submission	15/03/21
3		Response to Submission	27/07/21

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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number		Size check	
014079-61A-P		25mm	
Checked	Approved	Sheet size	Scale
ZC	LW	A1	1 : 100

Sheet title

LEVEL 19 PLAN - LOW BTS

Status	
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Sheet number Revision
WMQ-BLD2-HAS-AR-DRG-DA029 **3**



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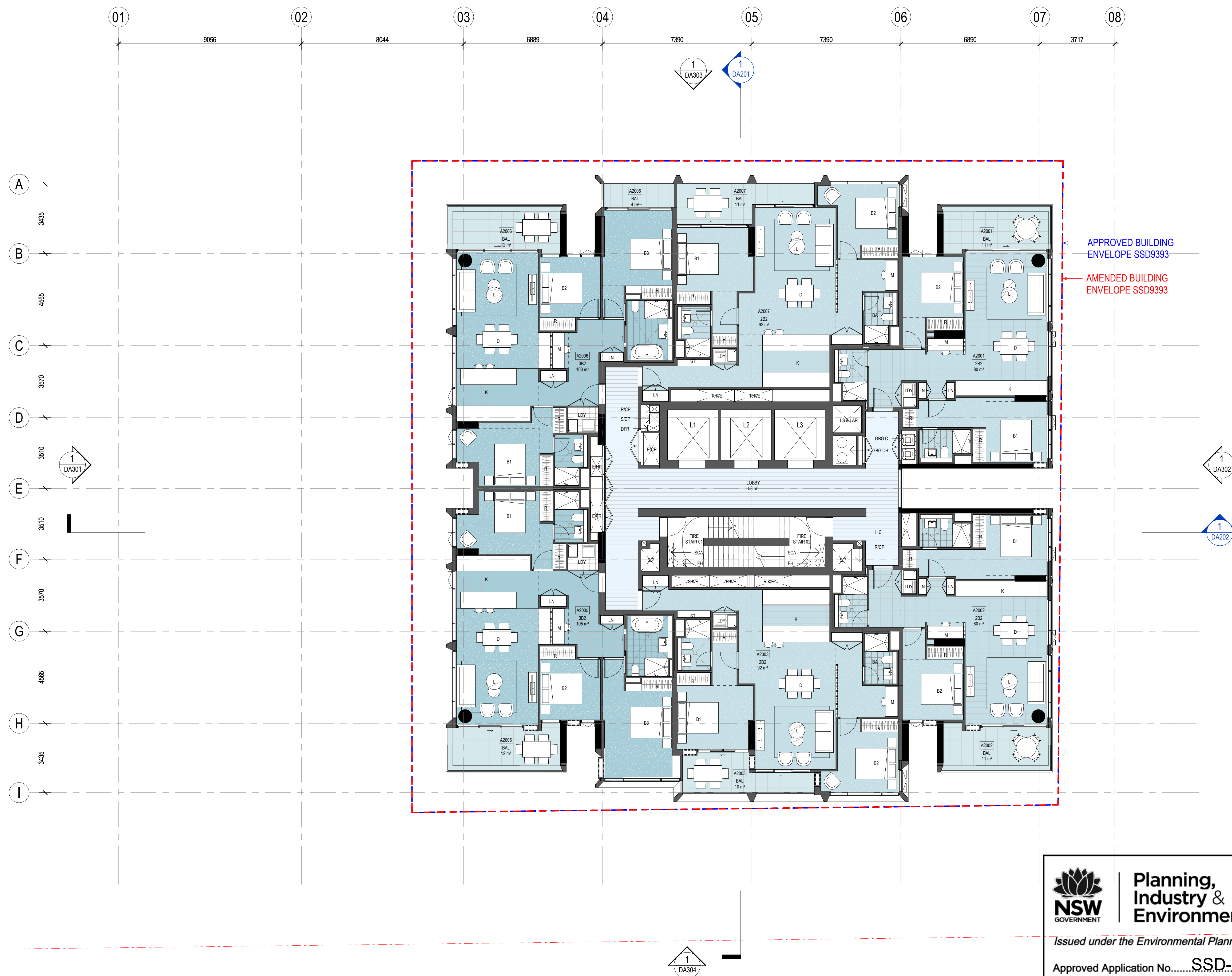
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1		Development Application	29/07/20
2		Response to Submission	15/03/21
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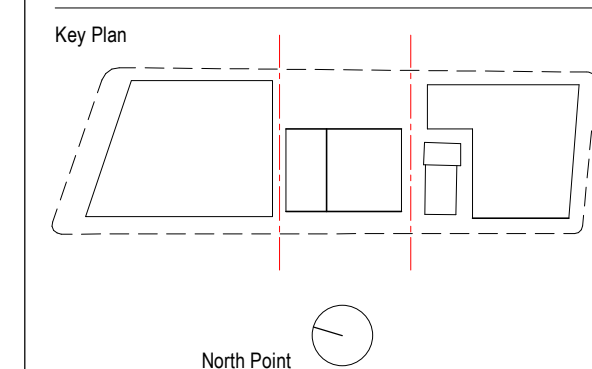
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— APPROVED BUILDING
ENVELOPE SSD9393

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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number		Size check	
014079-61A-P		25mm	
Checked	Approved	Sheet size	Scale
ZC	LW	A1	1 : 100

Sheet title

LEVEL 20 PLAN - MID BTS

Status	
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Sheet number Revision
WMQ-BLD2-HAS-AR-DRG-DA030 **3**



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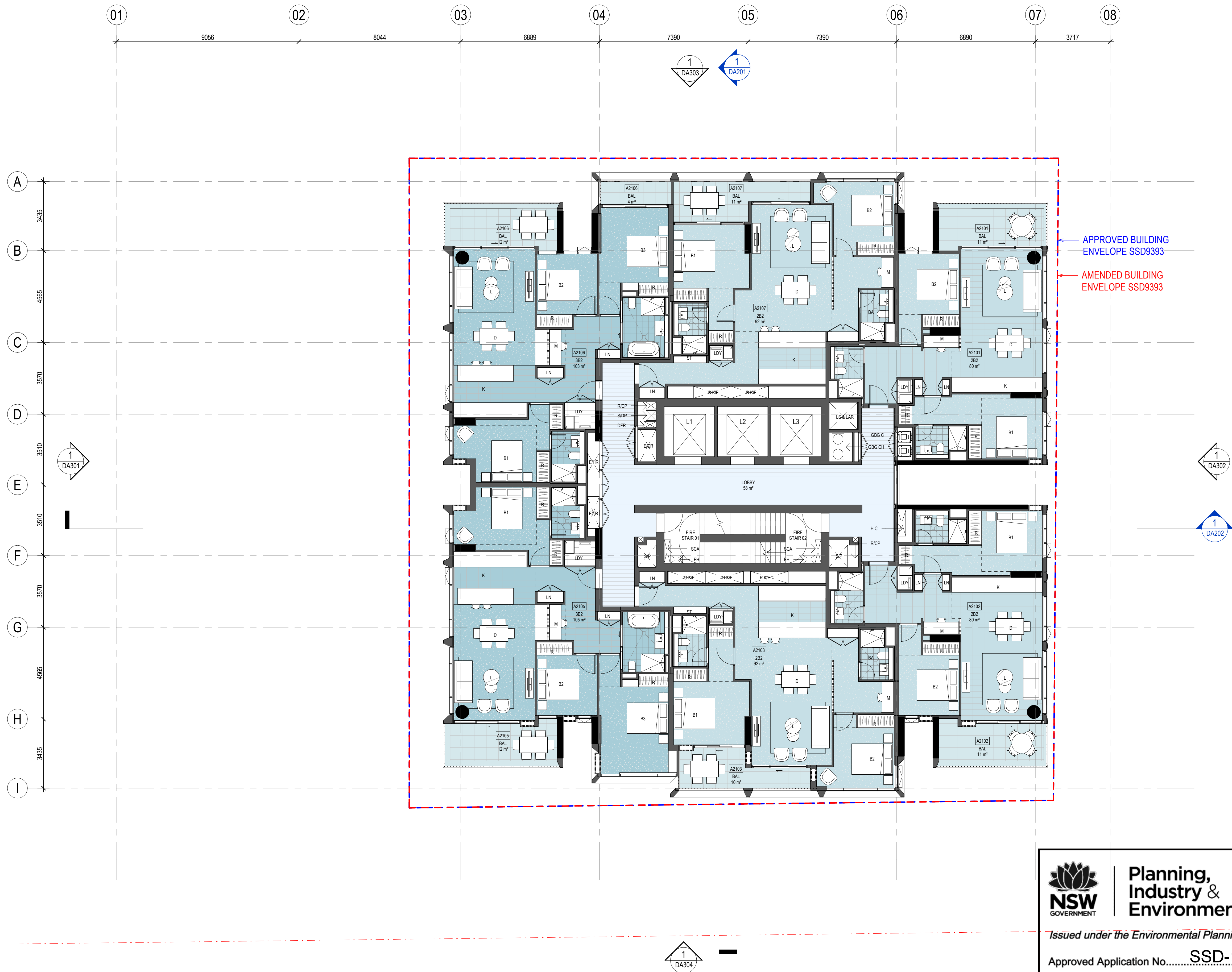
Granted on the.....24/11/21.....

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Sheet No. 23 of 49

Recent revision history		
#	Status	Description
1		Development Application
2		Response to Submission
3		Response to Submission

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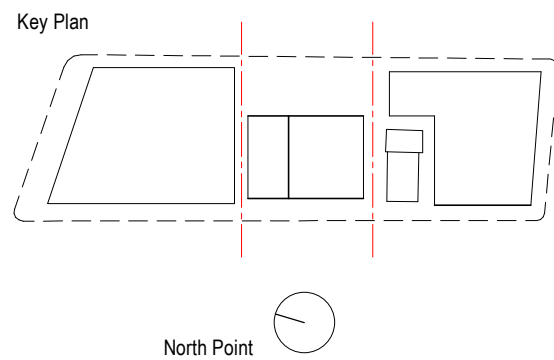
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Sheet No.....24.....of.....49.....



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Central Precinct

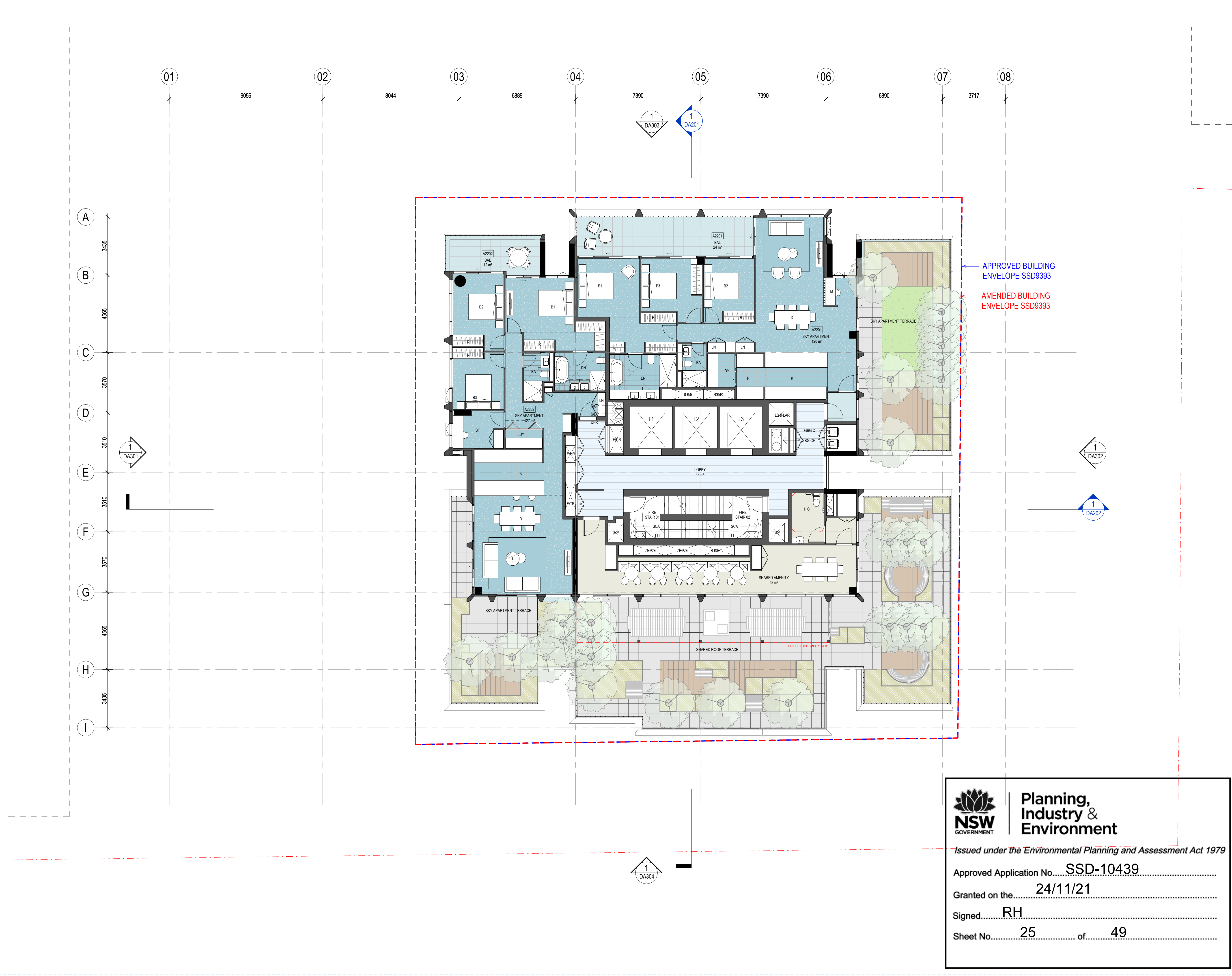
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Size check
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Sheet title

LEVEL 21 PLAN - MID BTS

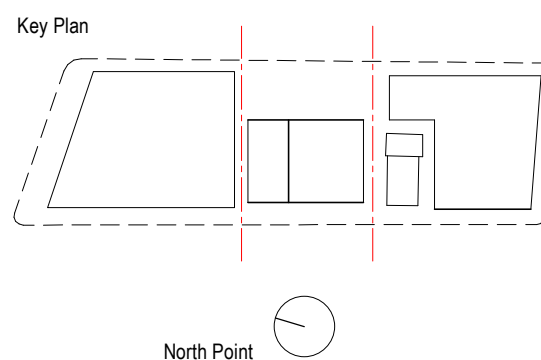
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Sheet number
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Revision
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Recent revision history		
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1	Development Application	29/07/20
2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

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Project
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Central Precinct

Project number	Size check
014079-61A-P	25mm
Checked	Approved
ZC	LW
Sheet size	Scale
A1	1 : 100

Sheet title
LEVEL 22 PLAN - HIGH BTS

Status

Sheet number	Revision
WMQ-BLD2-HAS-AR-DRG-DA032	3



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Environment**

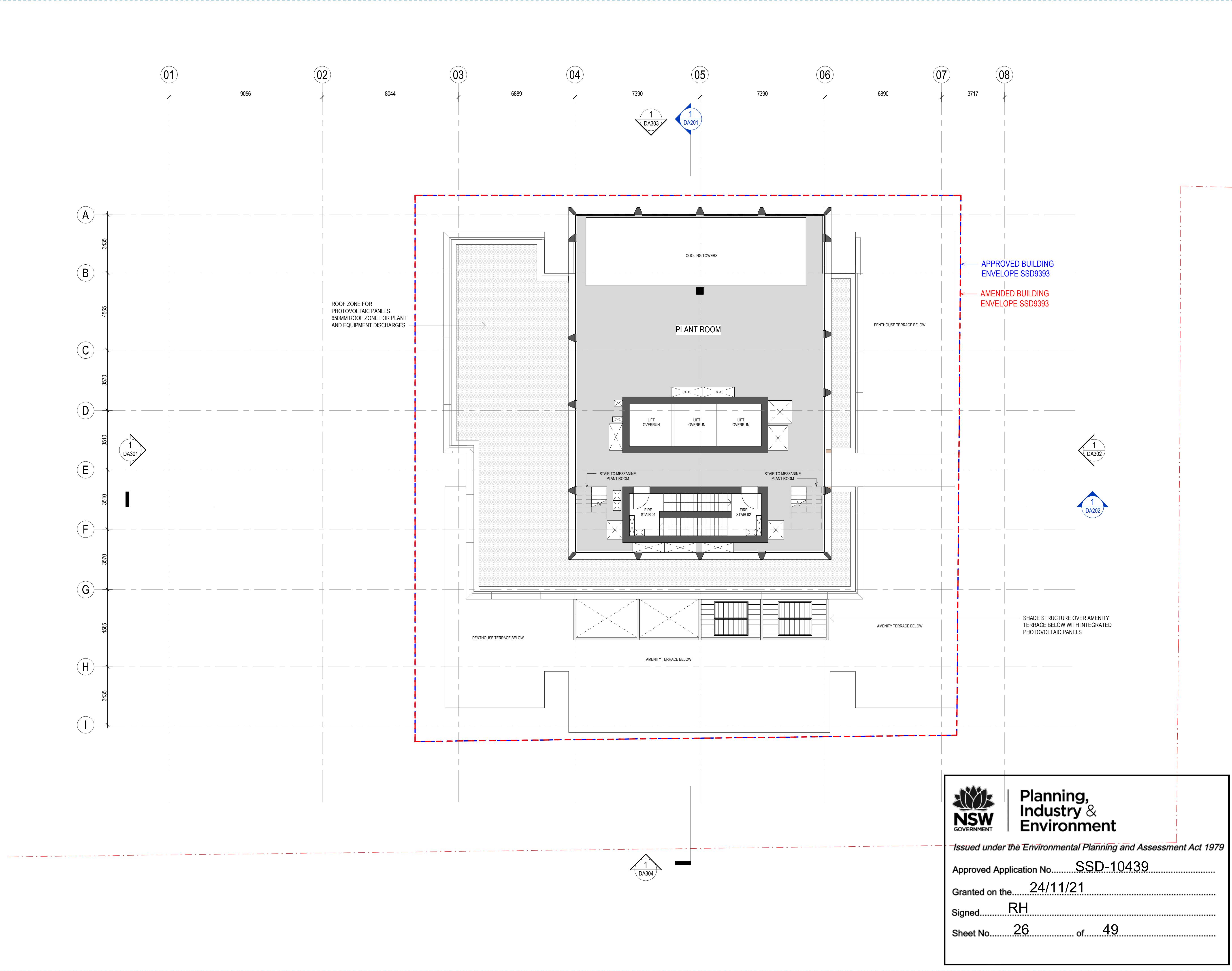
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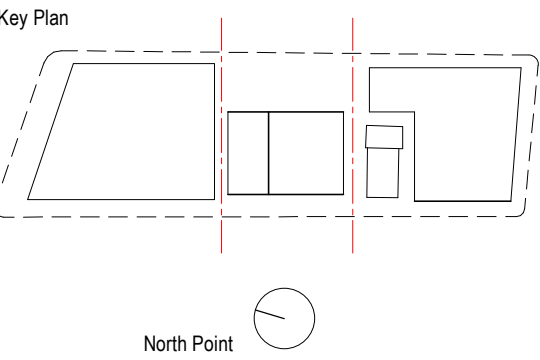
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1	Development Application	29/07/20
2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

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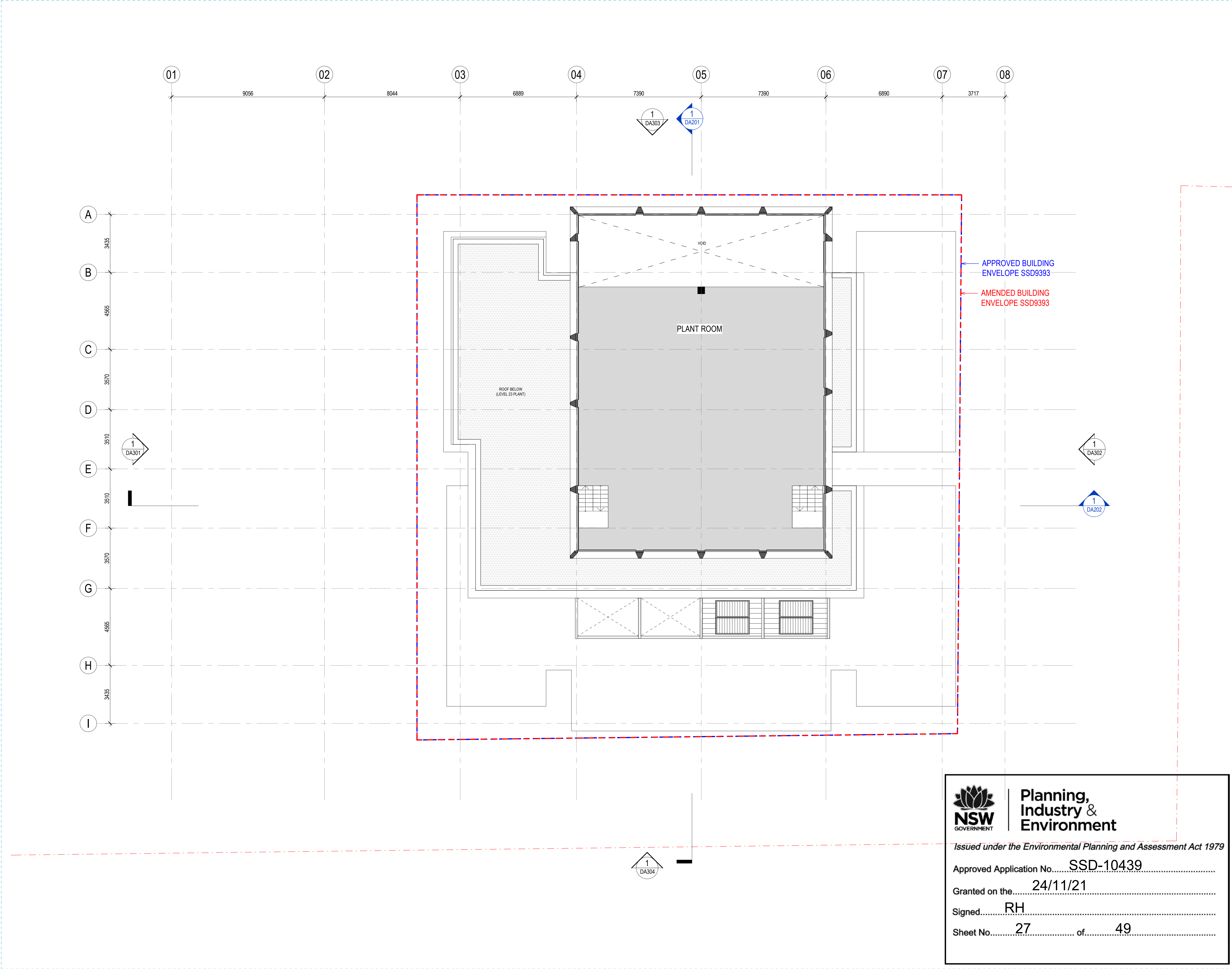
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WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

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Sheet title
LEVEL 23 PLANT ROOM

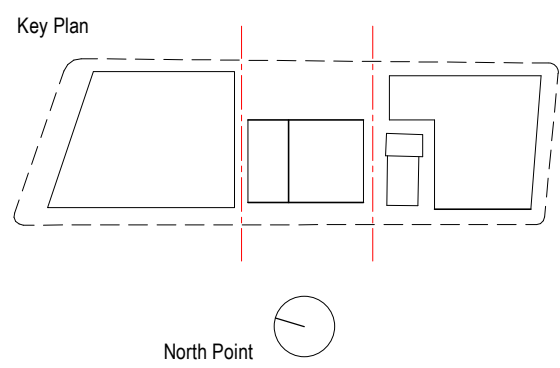
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Recent revision history		
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1	Development Application	29/07/20
2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

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Project
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Central Precinct

Project number	Size check
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Checked ZC	Approved LW
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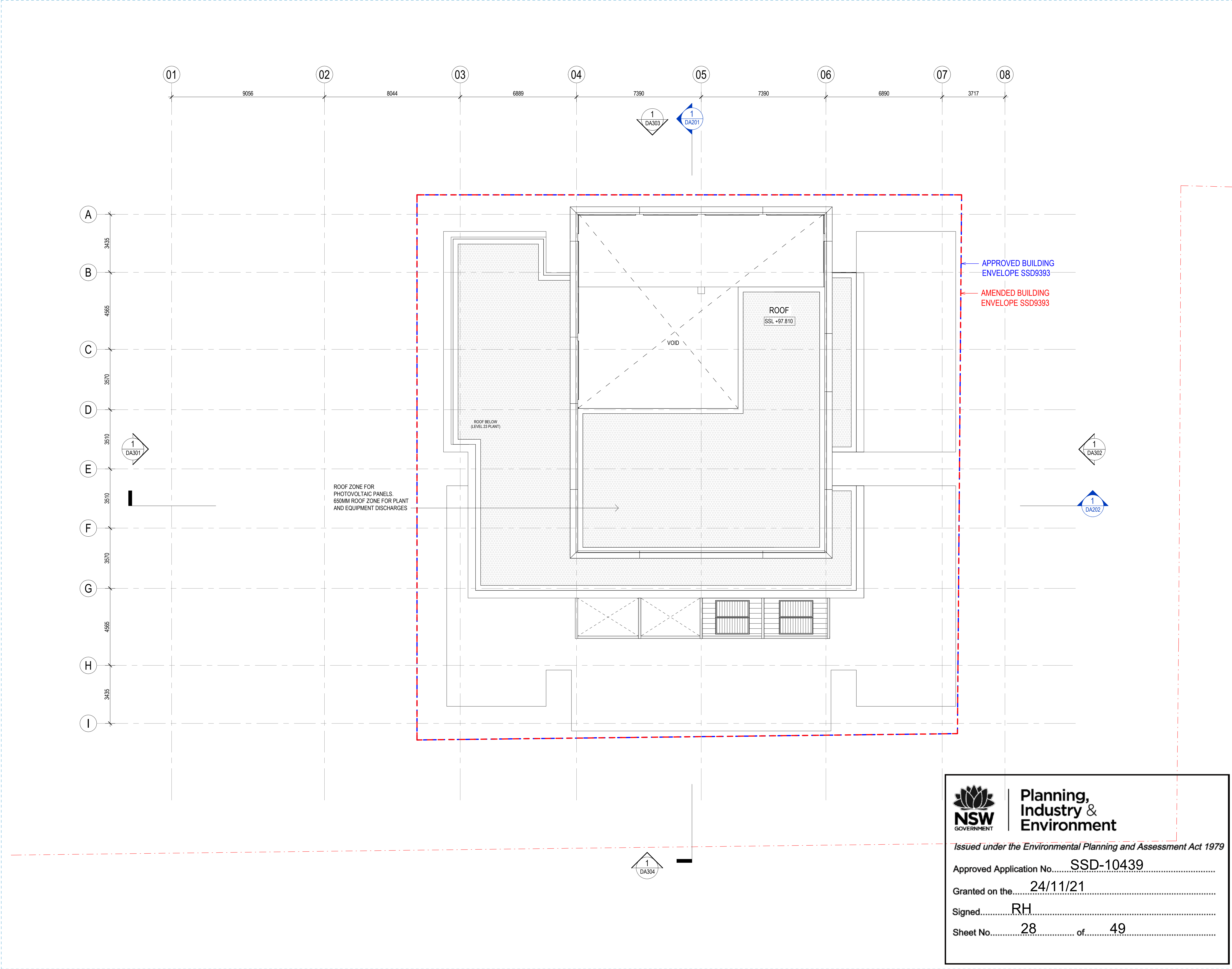
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LEVEL 23 MEZZANINE PLANT ROOM

Status

Sheet number
WMQ-BLD2-HAS-AR-DRG-DA034

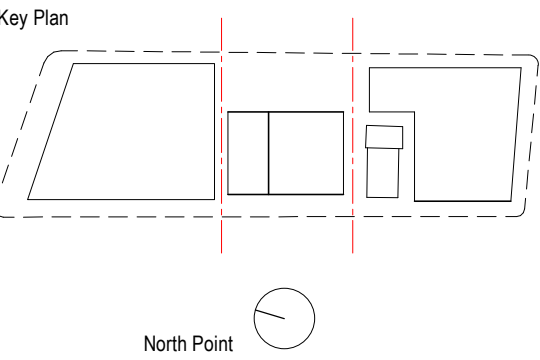
Revision
3

NSW GOVERNMENT | **Planning, Industry & Environment**
Issued under the Environmental Planning and Assessment Act 1979
Approved Application No.....**SSD-10439**.....
Granted on the.....**24/11/21**.....
Signed.....**RH**.....
Sheet No.....**27**..... of.....**49**.....



Recent revision history		
#	Status	Description
1	Development Application	29/07/20
2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number		Size check	
014079-61A-P		25mm	
Checked	Approved	Sheet size	Scale
ZC	LW	A1	1 : 100

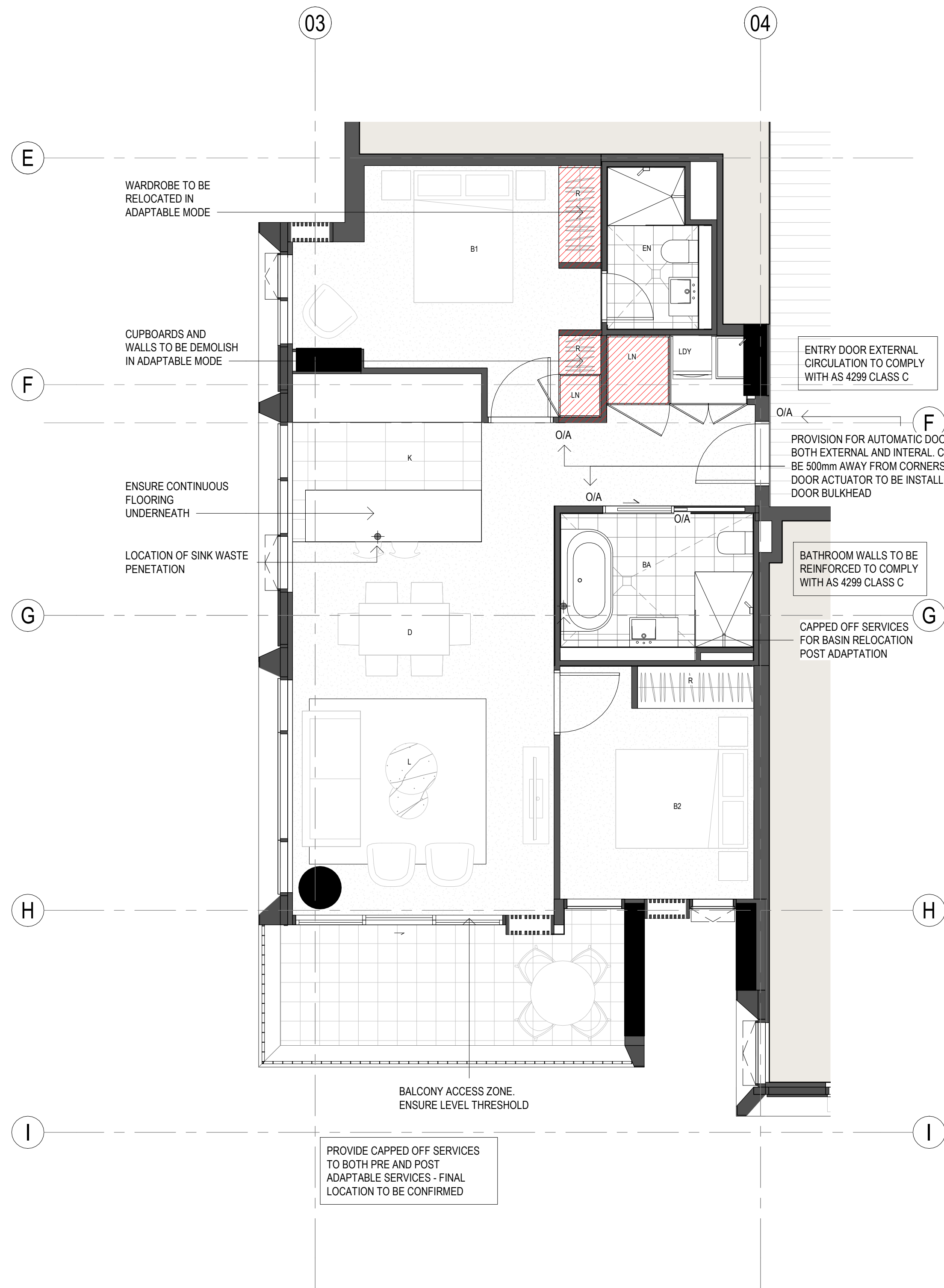
Sheet title
LEVEL 24 ROOF

Status

Sheet number
WMQ-BLD2-HAS-AR-DRG-DA035 3

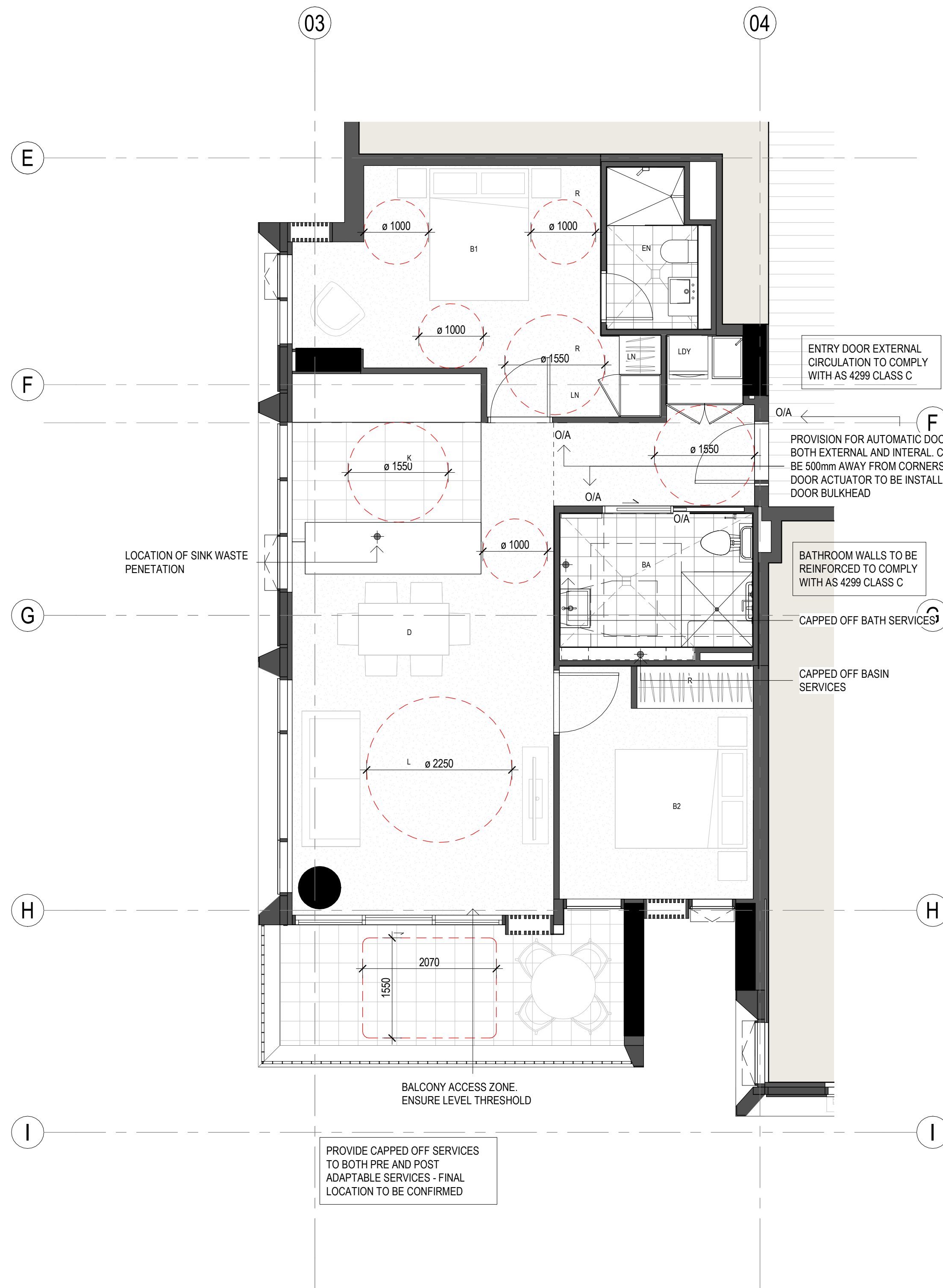
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#	Status	Description
1	Development Application	29/07/20
2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

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1 .BTS - 2BD - PRE ADAPTED LAYOUT
1 : 50

NOTE: MIRRORED APARTMENT OF
THE SAME LAYOUT ON LEVEL 11 - 19



2 .BTS - 2BD - POST ADAPTED LAYOUT
1 : 50

NOTE: MIRRORED APARTMENT OF
THE SAME LAYOUT ON LEVEL 11 - 19



**Planning,
Industry &
Environment**

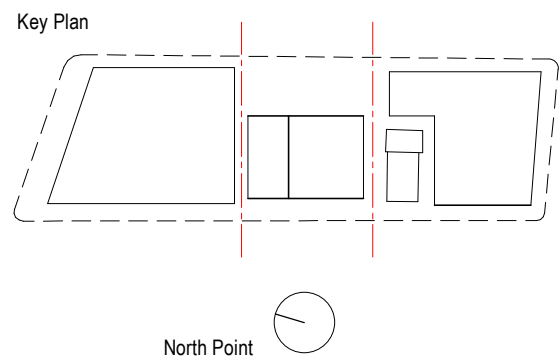
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Approved Application No.....SSD-10439.....

Granted on the.....24/11/21.....

Signed.....RH.....

Sheet No.....30..... of.....49.....



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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number	Size check
014079-61A-P	25mm
Checked	Approved
ZC	LW
Sheet size	Scale
A1	1 : 50

Sheet title

BTS TYPICAL 2 BED ADAPTABLE
APARTMENT

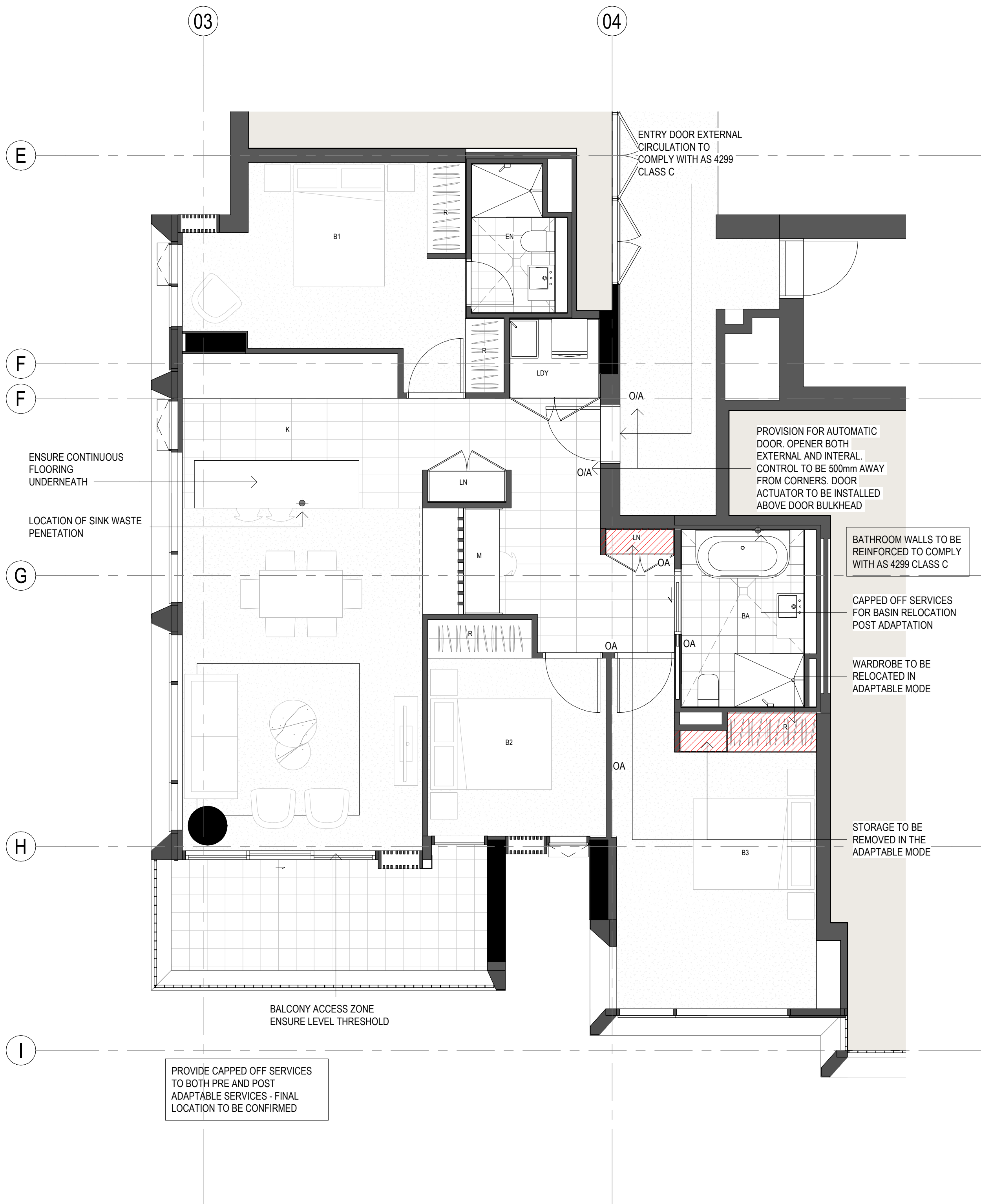
Status

Sheet number
WMQ-BLD2-HAS-AR-DG-DA102

Revision
3

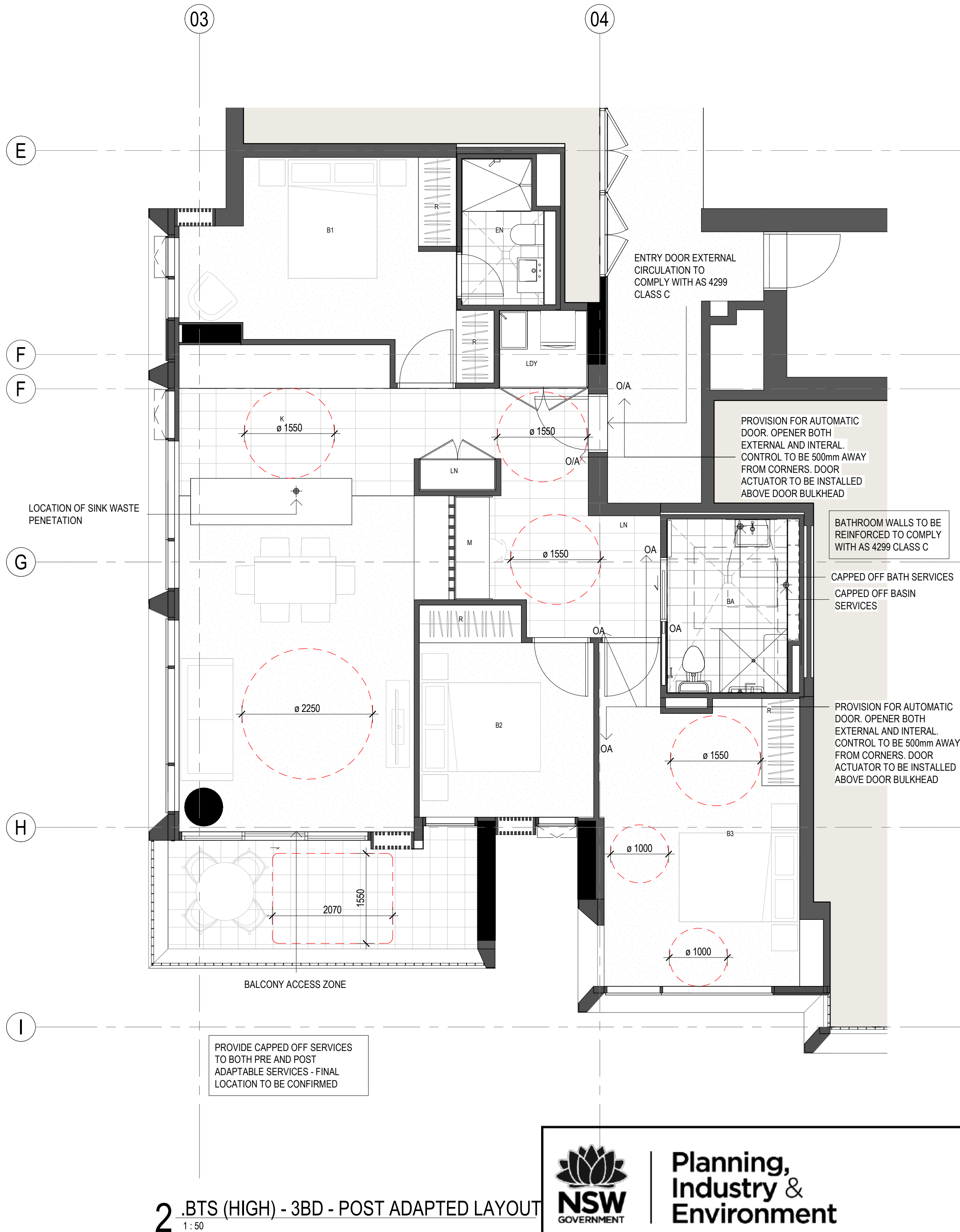
Recent revision history		
#	Status	Description
1		Development Application
2		Response to Submission
3		Response to Submission

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1 .BTS (HIGH) - 3BD - PRE ADAPTED LAYOUT
1 : 50

NOTE: MIRRORED APARTMENT OF
THE SAME LAYOUT ON LEVEL 20 - 21



2 .BTS (HIGH) - 3BD - POST ADAPTED LAYOUT
1 : 50

NOTE: MIRRORED APARTMENT OF
THE SAME LAYOUT ON LEVEL 20 - 21



**Planning,
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Environment**

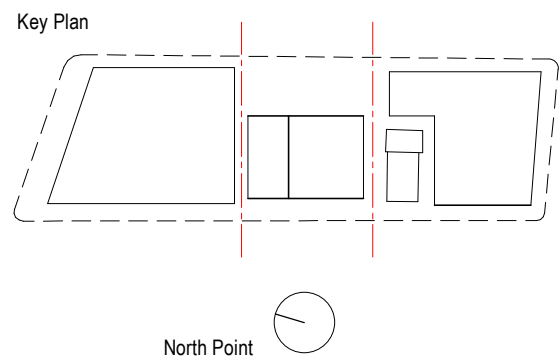
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Approved Application No.....SSD-10439

Granted on the.....24/11/21

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Sheet No.....31 of.....49



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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number
014079-61A-P

Size check
25mm

Checked
ZC

Approved
LW

Sheet size
A1

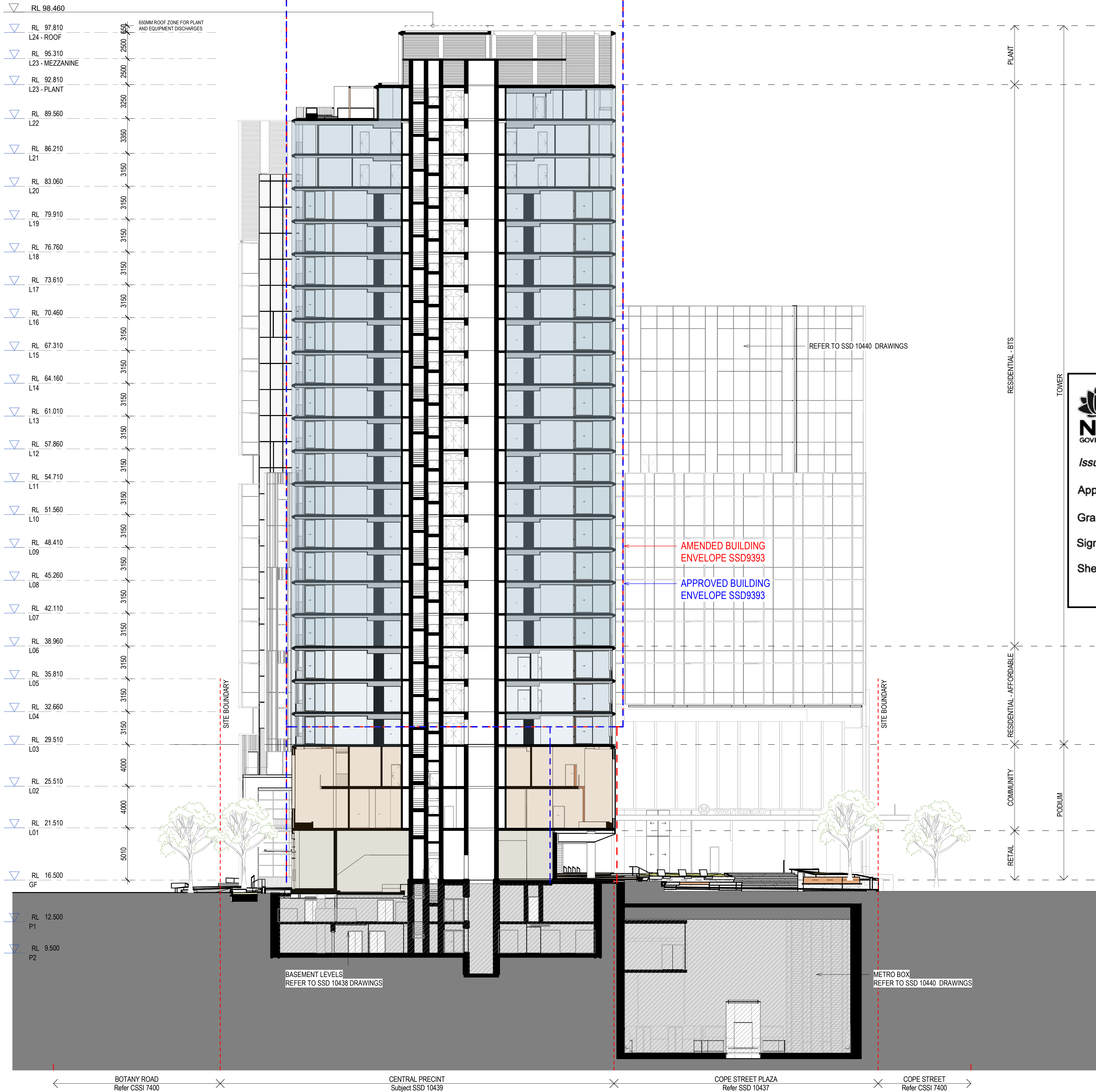
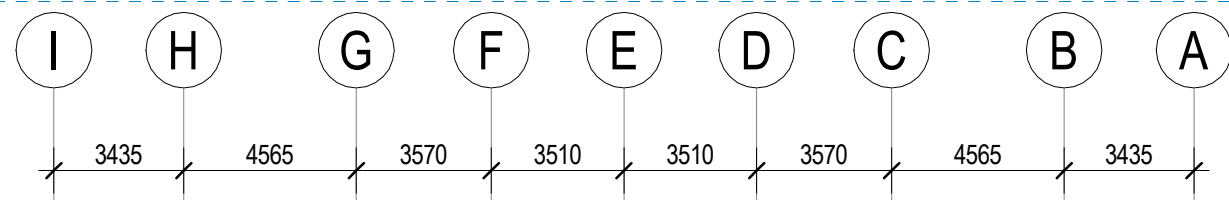
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Sheet title
BTS HIGH 3 BED ADAPTABLE
APARTMENT

Status

Sheet number
WMQ-BLD2-HAS-AR-DRG-DA103

Revision
3



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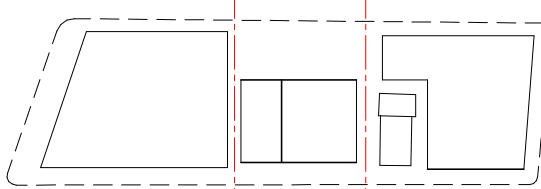
Approved Application No. SSD-10439

Granted on the 24/11/21

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Sheet No. 32 of 49

Key Plan



North Point

Client



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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number
014079-61A-P

Checked
ZC

Approved
LW

Size check

25mm

Sheet size

A1

Scale

1 : 200

Sheet title

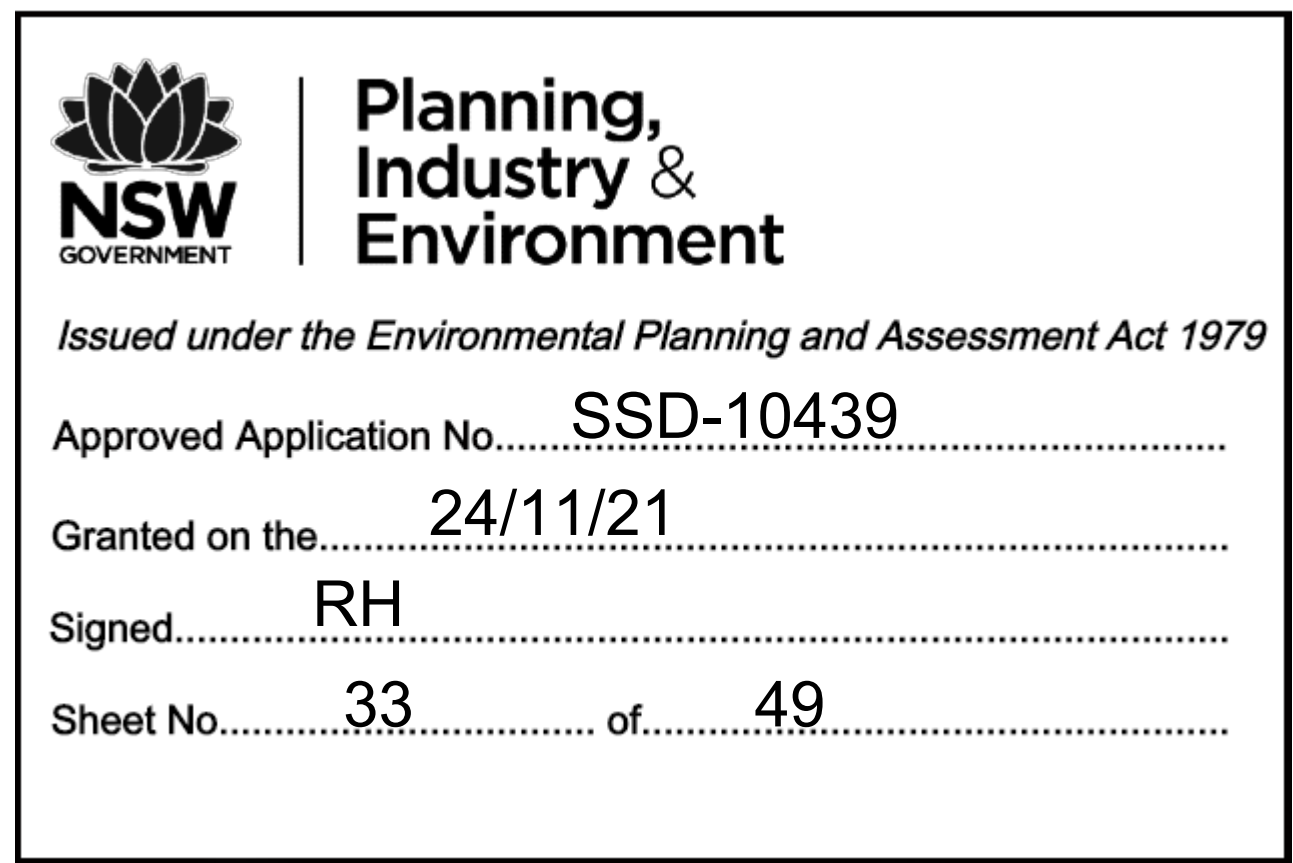
SECTION AA

Status

Sheet number

WMQ-BLD2-HAS-AR-DG-DA201 3

Revision



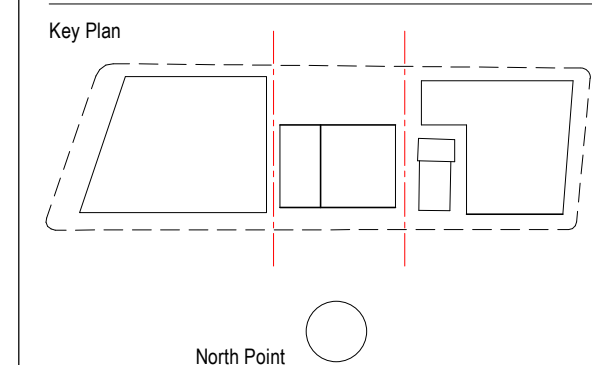
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#	Status	Description	Date
1		Development Application	29/07/20
2		Response to Submission	15/03/21
3		Response to Submission	27/07/21

Notes

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Do not scale drawings.



Client

 **Waterloo Integrated Station Development**
A Joint Venture Project
JOHN HOLLAND 



Consultant

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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number		Size check	
014079-61A-P		25mm	
Checked	Approved	Sheet size	Scale
ZC	LW	A1	1 : 200

Sheet title

SECTION BB

Status	
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Sheet number Revision
WMQ-BLD2-HAS-AR-DRG-DA202 3



1 .BLD2 - ELEVATION - NORTH
DA010 1 : 200



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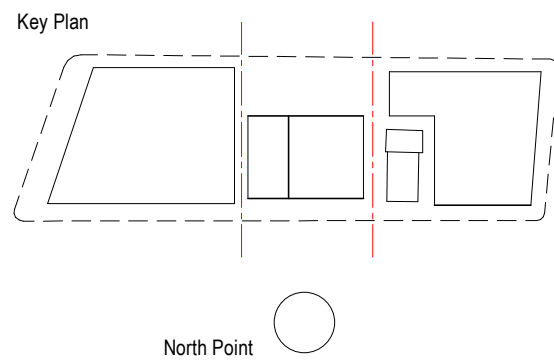
Signed.....RH

Sheet No.....34 of.....49

Recent revision history		
#	Status	Description
1	Development Application	29/07/20
2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

Notes
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CODE	MATERIAL
BT-01	Metal Balustrade
BT-02	Solid - Metal Balustrade
MAS-01	Patterned Masonry Facade
MAS-02	Patterned Masonry Screen
FAC-01	Terracotta Panel - Light Clay
FAC-02	Aluminium Profile
FAC-03	Terracotta Panel - Dark Clay
FAC-04	Aluminium Acoustic - Plenum Vents
FAC-05	Textured Rendered Finish to FC
FAC-06	Painted Precast Concrete
FAC-07	Terracotta Panel Thin Format (Dark Clay)
GLS-01	Glazing
LVR-01	Aluminium Louvres
SCR-01	Mesh Screen
AWN-01	Aluminium Awning



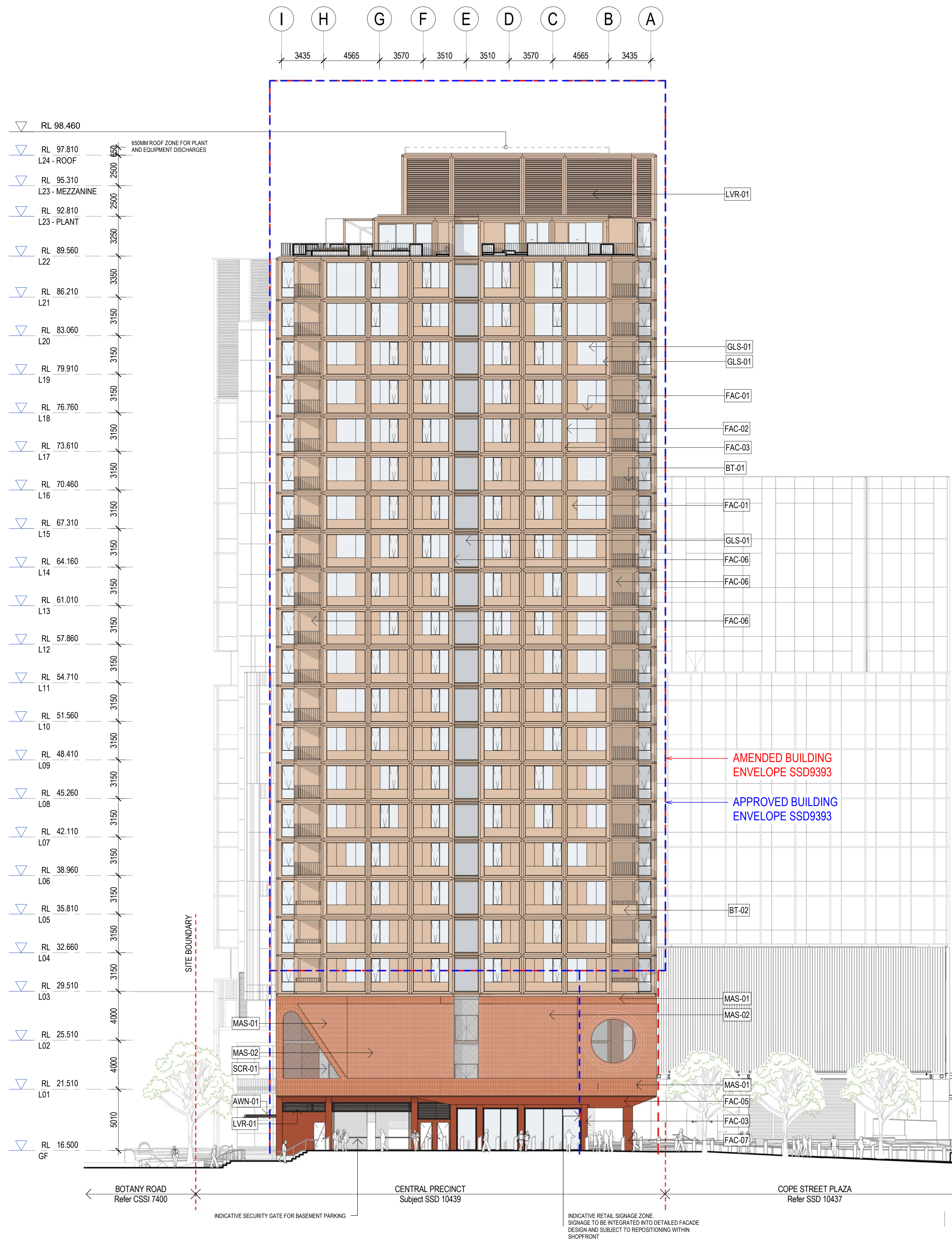
Consultant
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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number	Size check
014079-61A-P	25mm
Checked	Approved
ZC	LW
Sheet size	Scale
A1	1 : 200

Sheet title
ELEVATION - NORTH

Status

Sheet number
WMQ-BLD2-HAS-AR-DRG-DA301 3



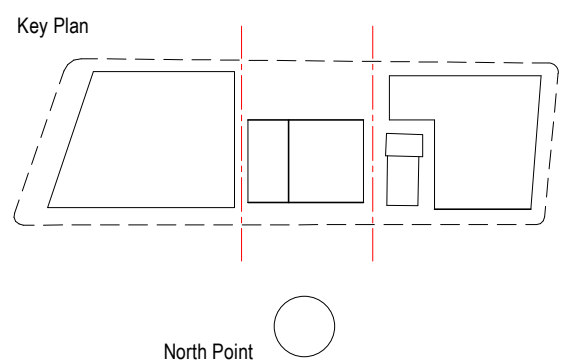
1 .BLD2 - ELEVATION - SOUTH
DA010 1:200

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Approved Application No. **SSD-10439**
Granted on the **24/11/21**
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Sheet No. **35** of **49**

#	Status	Description	Date
1	Development Application	29/07/20	
2	Response to Submission	15/03/21	
3	Response to Submission	27/07/21	

Notes
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CODE	MATERIAL
BT-01	Metal Balustrade
BT-02	Solid - Metal Balustrade
MAS-01	Patterned Masonry Facade
MAS-02	Patterned Masonry Screen
FAC-01	Terracotta Panel - Light Clay
FAC-02	Aluminium Profile
FAC-03	Terracotta Panel - Dark Clay
FAC-04	Aluminium Acoustic - Plenum Vents
FAC-05	Textured Rendered Finish to FC
FAC-06	Painted Precast Concrete
FAC-07	Terracotta Panel Thin Format (Dark Clay)
GLS-01	Glazing
LVR-01	Aluminium Louvres
SCR-01	Mesh Screen
AWN-01	Aluminium Awning



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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number	Size check
014079-61A-P	25mm
Checked	Approved
ZC	LW
Sheet size	Scale
A1	1:200

Sheet title
ELEVATION - SOUTH
Status

Sheet number
WMQ-BLD2-HAS-AR-DRG-DA302 3

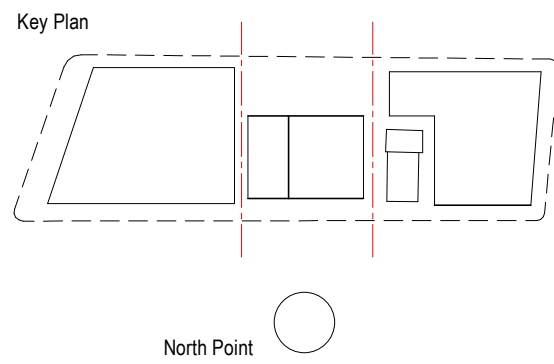


1 .BLD2 - ELEVATION - EAST
DA010 1:200

Recent revision history		
#	Status	Description
1	Development Application	29/07/20
2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

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CODE	MATERIAL
BT-01	Metal Balustrade
BT-02	Solid - Metal Balustrade
MAS-01	Patterned Masonry Facade
MAS-02	Patterned Masonry Screen
FAC-01	Terracotta Panel - Light Clay
FAC-02	Aluminium Profile
FAC-03	Terracotta Panel - Dark Clay
FAC-04	Aluminium Acoustic - Plenum Vents
FAC-05	Textured Rendered Finish to FC
FAC-06	Painted Precast Concrete
FAC-07	Terracotta Panel Thin Format (Dark Clay)
GLS-01	Glazing
LVR-01	Aluminium Louvres
SCR-01	Mesh Screen
AWN-01	Aluminium Awning



Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

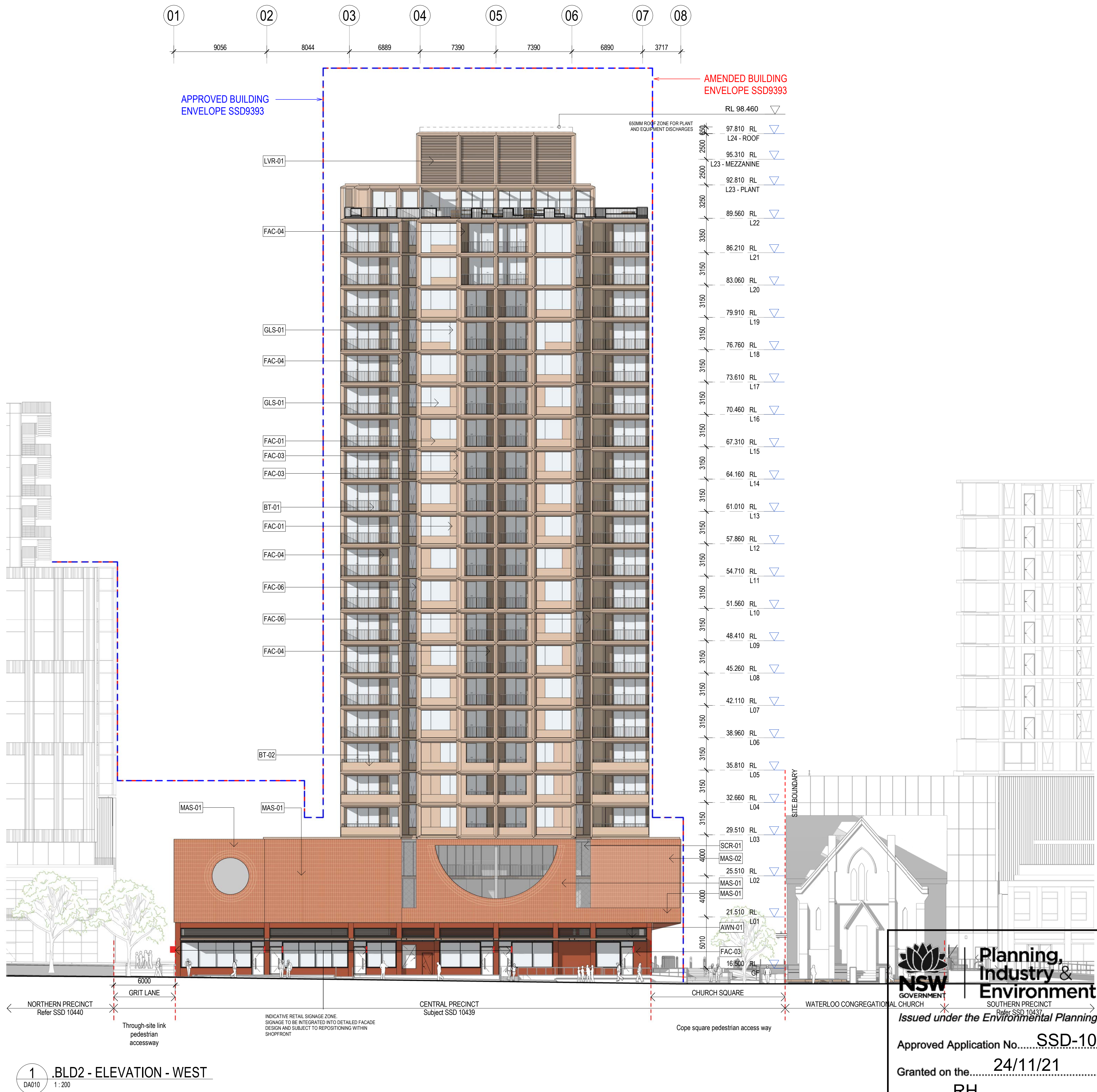
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Checked	Approved
ZC	LW
Sheet size	Scale
A1	1:200

Sheet title
ELEVATION - EAST

Status

Sheet number
WMQ-BLD2-HAS-AR-DRG-DA303

Revision
3



1 .BLD2 - ELEVATION - WEST
DA010 1:200



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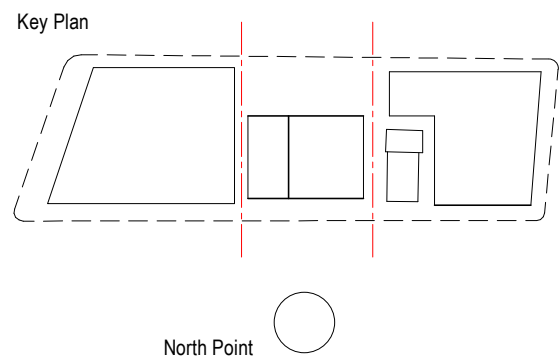
Signed.....RH

Sheet No.....37.....of.....49

#	Status	Description	Date
1	Development Application	Response to Submission	29/07/20
2	Response to Submission	Response to Submission	15/03/21
3	Response to Submission	Response to Submission	27/07/21

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CODE	MATERIAL
BT-01	Metal Balustrade
BT-02	Solid - Metal Balustrade
MAS-01	Patterned Masonry Facade
MAS-02	Patterned Masonry Screen
FAC-01	Terracotta Panel - Light Clay
FAC-02	Aluminium Profile
FAC-03	Terracotta Panel - Dark Clay
FAC-04	Aluminium Acoustic - Plenum Vents
FAC-05	Textured Rendered Finish to FC
FAC-06	Painted Precast Concrete
FAC-07	Terracotta Panel Thin Format (Dark Clay)
GLS-01	Glazing
LVR-01	Aluminium Louvres
SCR-01	Mesh Screen
AWN-01	Aluminium Awning



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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number	Size check
014079-61A-P	25mm
Checked ZC	Approved LW
Sheet size A1	Scale 1:200

Sheet title
ELEVATION - WEST

Status

Sheet number	Revision
WMQ-BLD2-HAS-AR-DRG-DA304	3

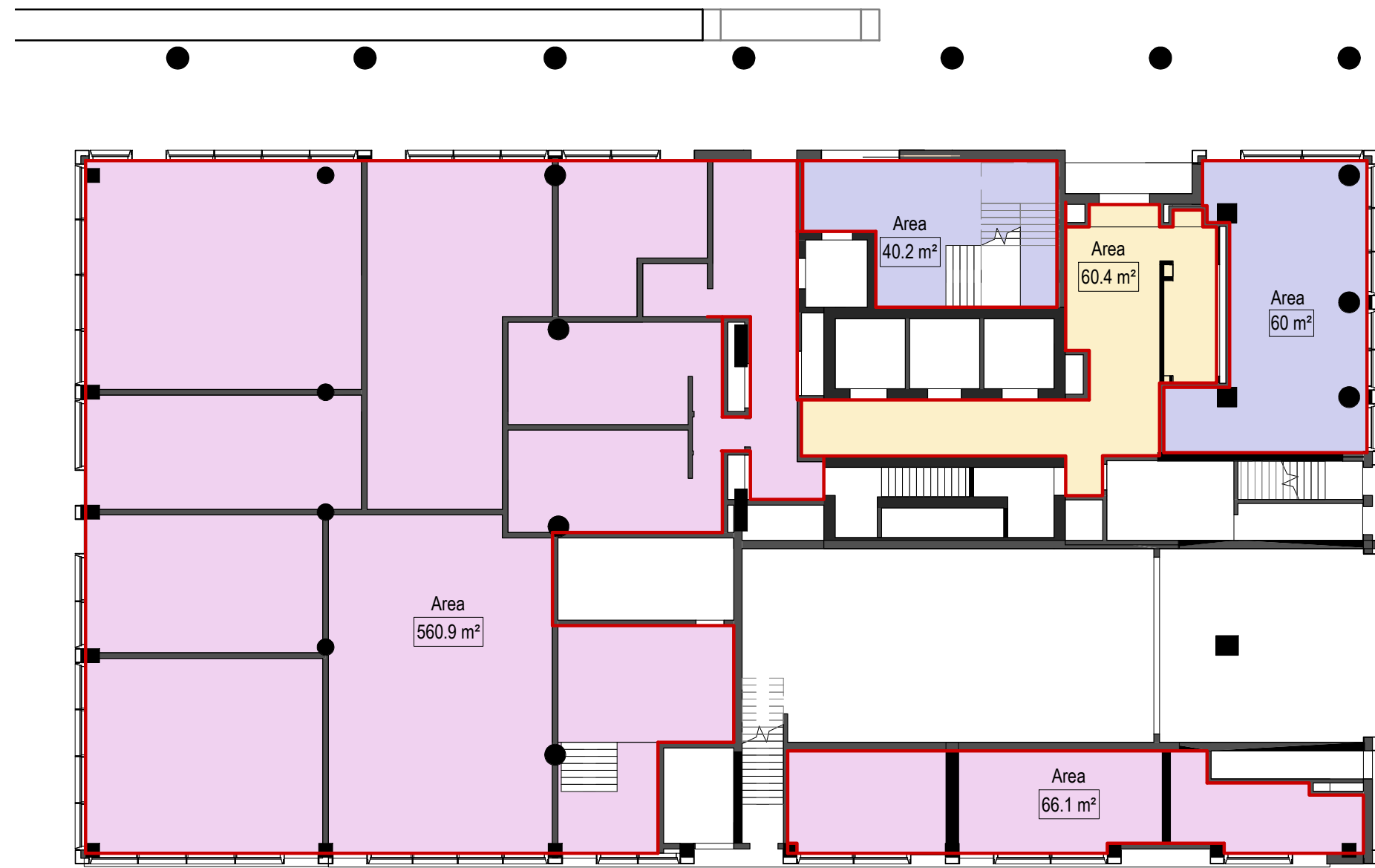
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#	Status	Description
1		Development Application
2		Response to Submission
3		Response to Submission

Date
29/07/20
15/03/21
27/07/21

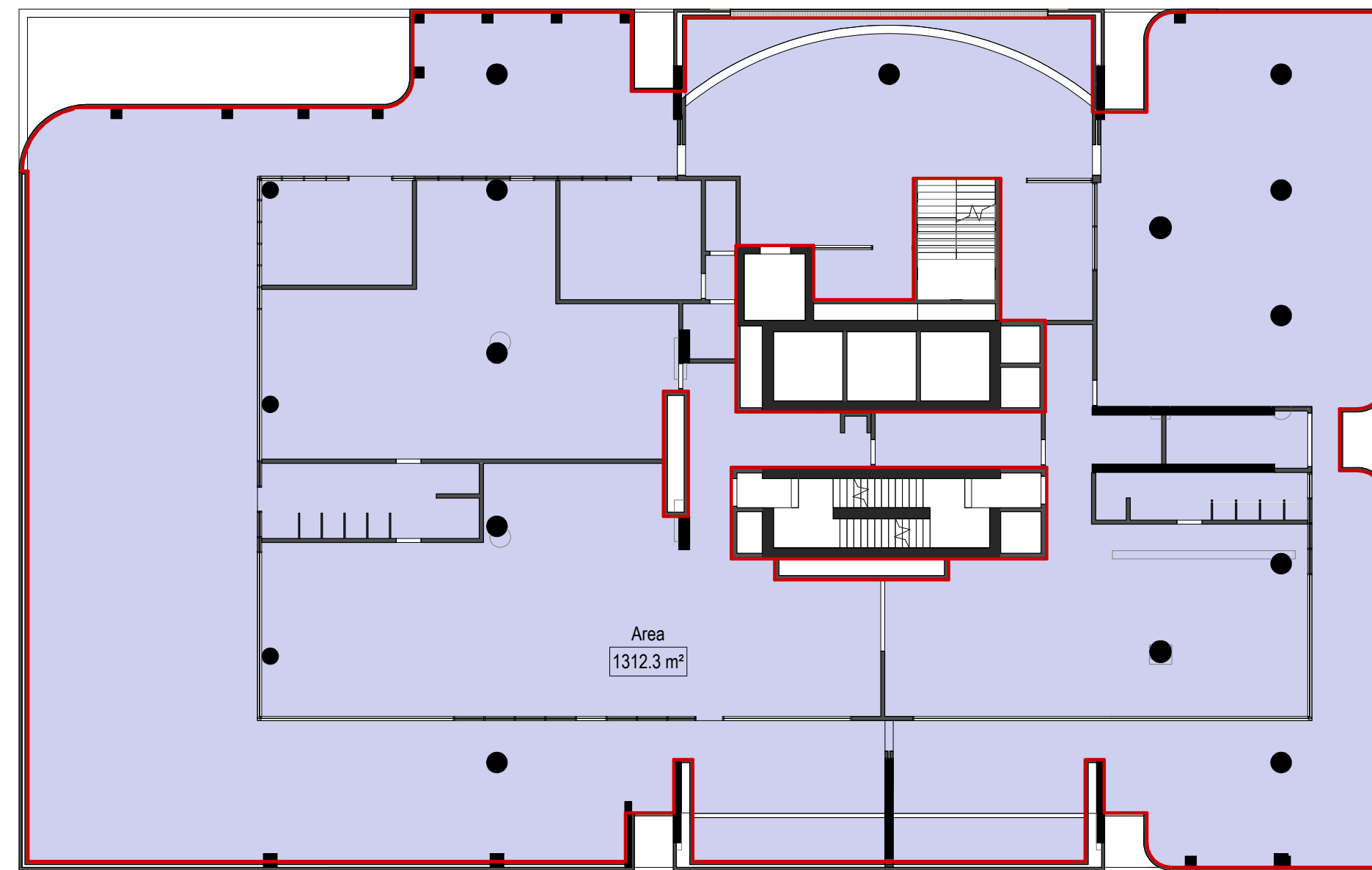
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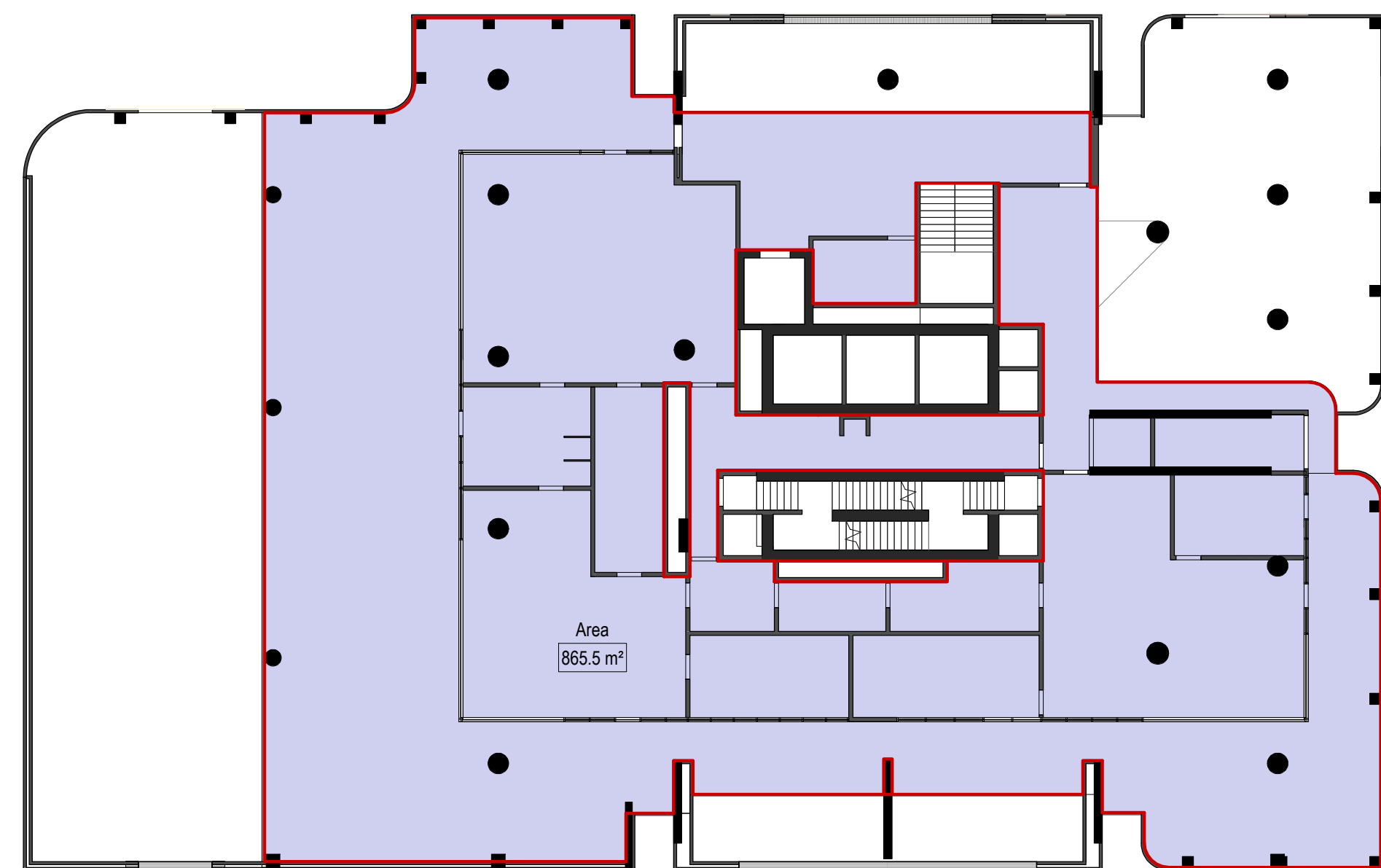
Do not scale drawings.



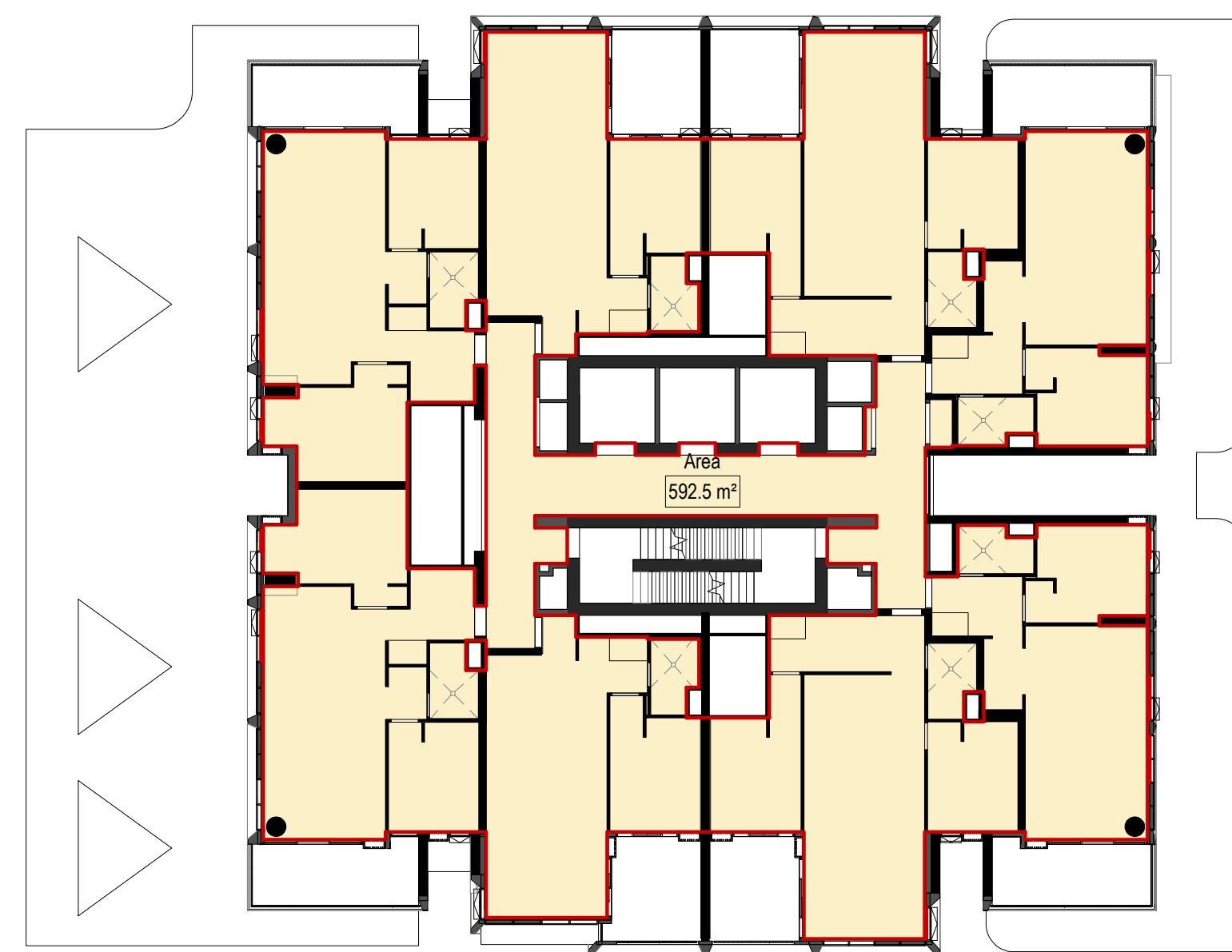
1 .GROUND FLOOR - GFA AREA PLAN
1 : 200



2 .LEVEL 1 - GFA AREA PLAN
1 : 200

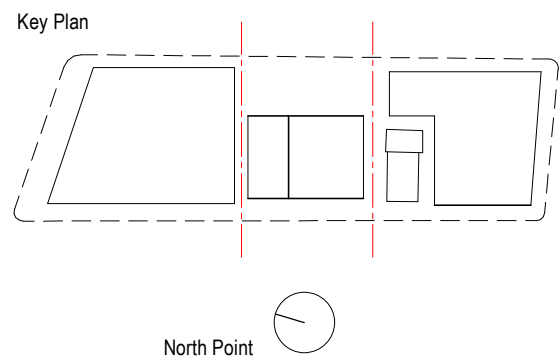


3 .LEVEL 2 - GFA AREA PLAN
1 : 200



4 .LEVEL 3-5 - GFA AREA PLAN
1 : 200

AREA LEGEND	
	RESIDENTIAL
	CHILDCARE/COMMUNITY USE
	RETAIL



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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number 014079-61A-P	Size check 25mm
Checked ZC	Approved LW
Sheet size A1	Scale As indicated

Sheet title

AREA PLANS - GFA

Status

Sheet number WMQ-BLD2-HAS-AR-DRG-DA401	Revision 3
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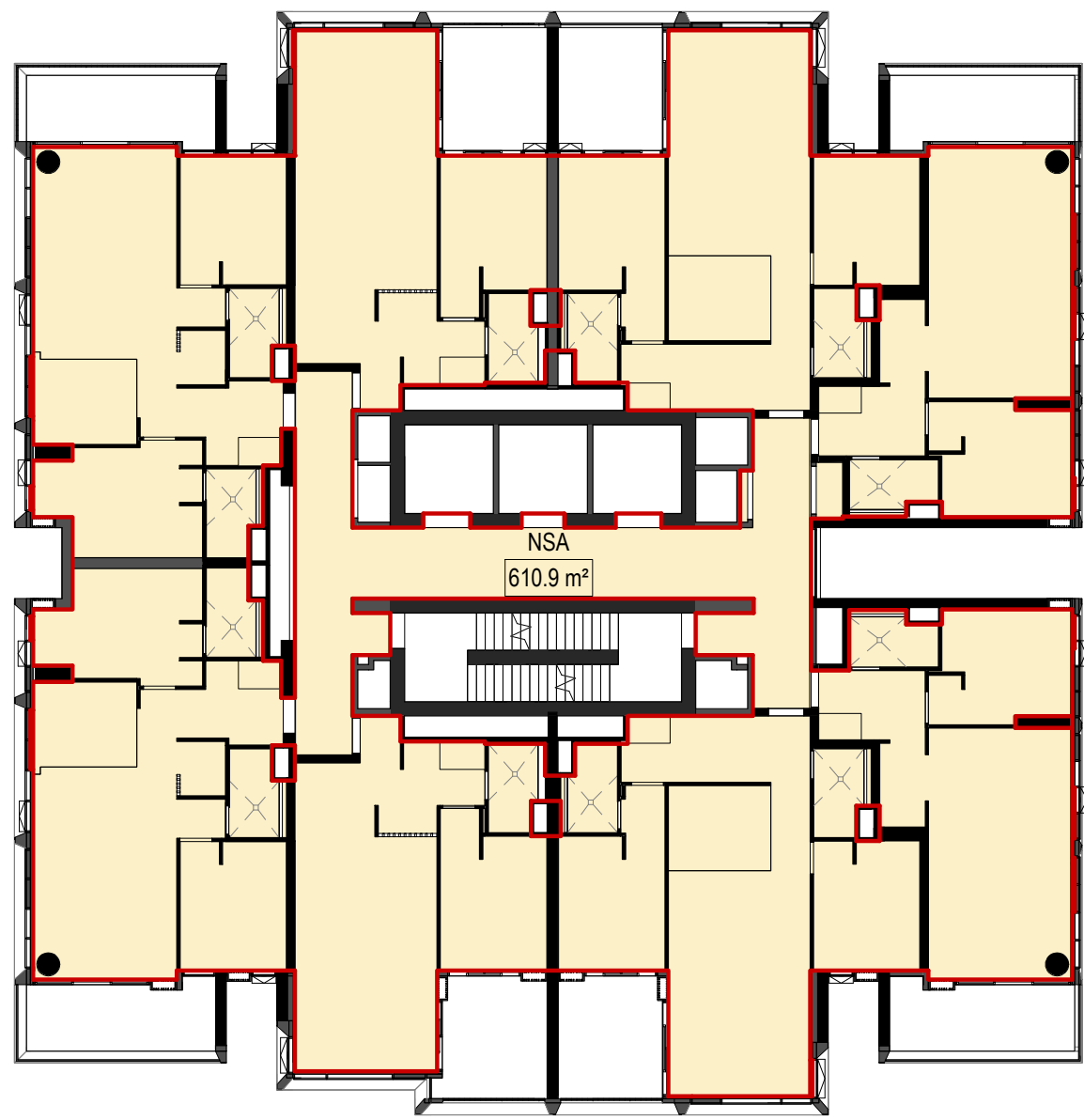
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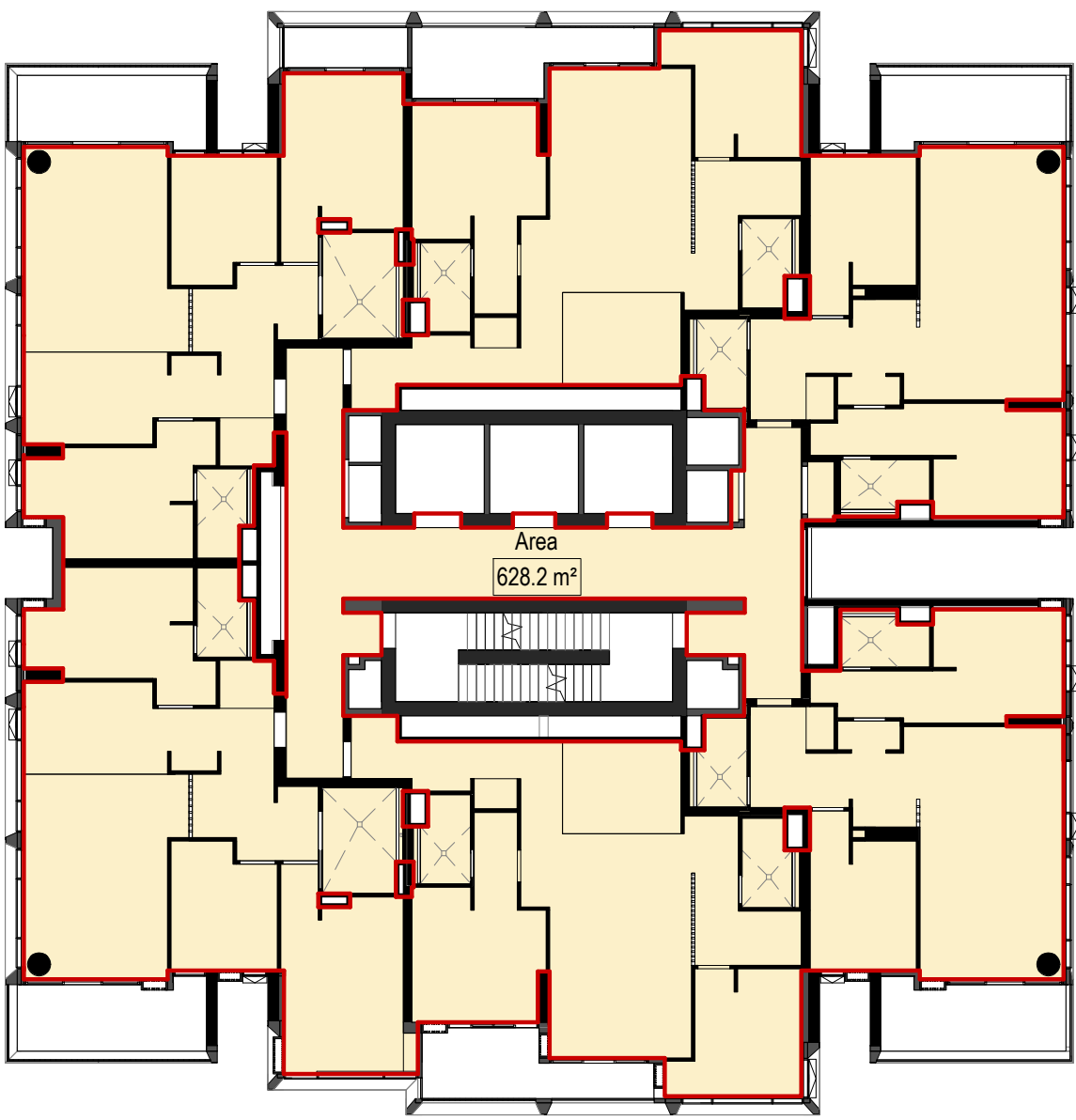
Granted on the.....24/11/21

Signed.....RH

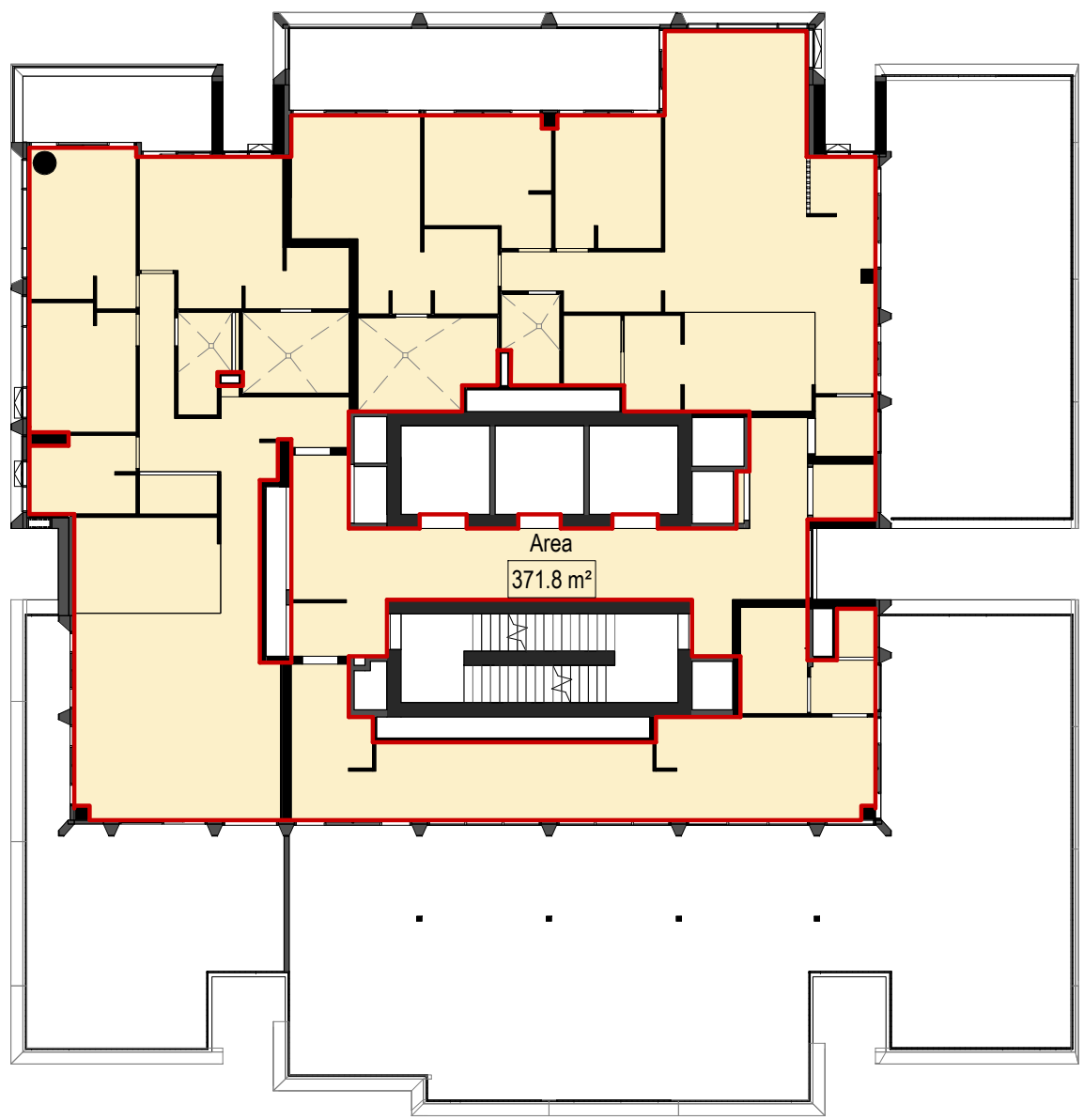
Sheet No.....38 of.....49



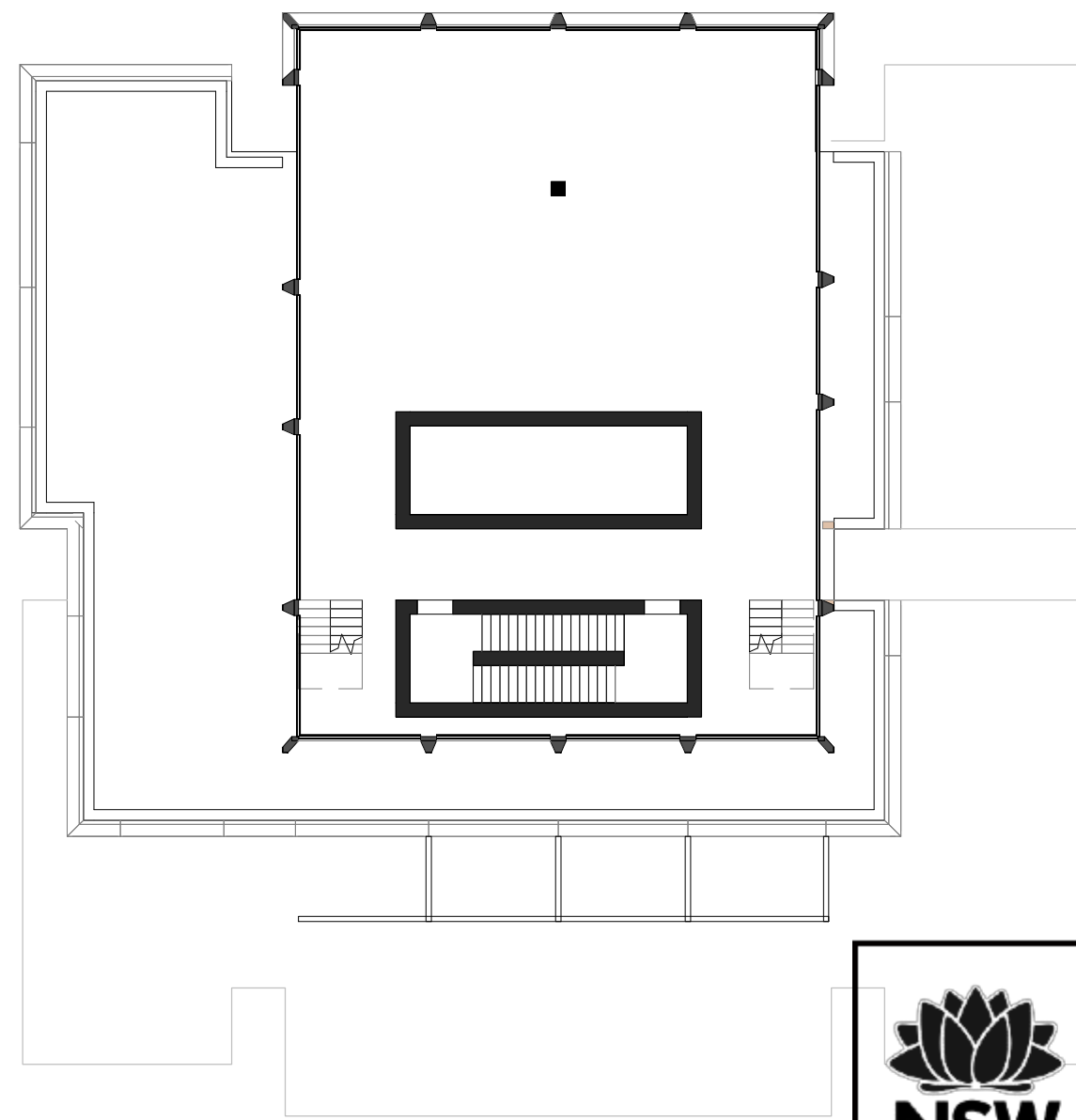
4 .LEVEL 6-19 - GFA AREA PLAN
1 : 200



3 .LEVEL 20-21 - GFA AREA PLAN
1 : 200



1 .LEVEL 22 - GFA AREA PLAN
1 : 200



2 .LEVEL 23 - GFA AREA PLAN
1 : 200



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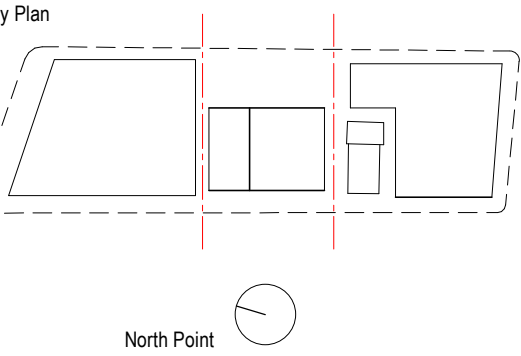
Sheet No.....39.....of.....49.....

Recent revision history		
#	Status	Date
1	Development Application	29/07/20
2	Response to Submission	15/03/21
3	Response to Submission	27/07/21

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AREA LEGEND

- RESIDENTIAL
- CHILDCARE/COMMUNITY USE
- RETAIL



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Project
WATERLOO METRO QUARTER DEVELOPMENT
Central Precinct

Project number		Size check	
14079-61A-P		25mm	
Checked	Approved	Sheet size	Scale
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Sheet title
AREA PLANS - GFA

Sheet number	Revision
WMQ-BLD2-HAS-AR-DRG-DA402	3

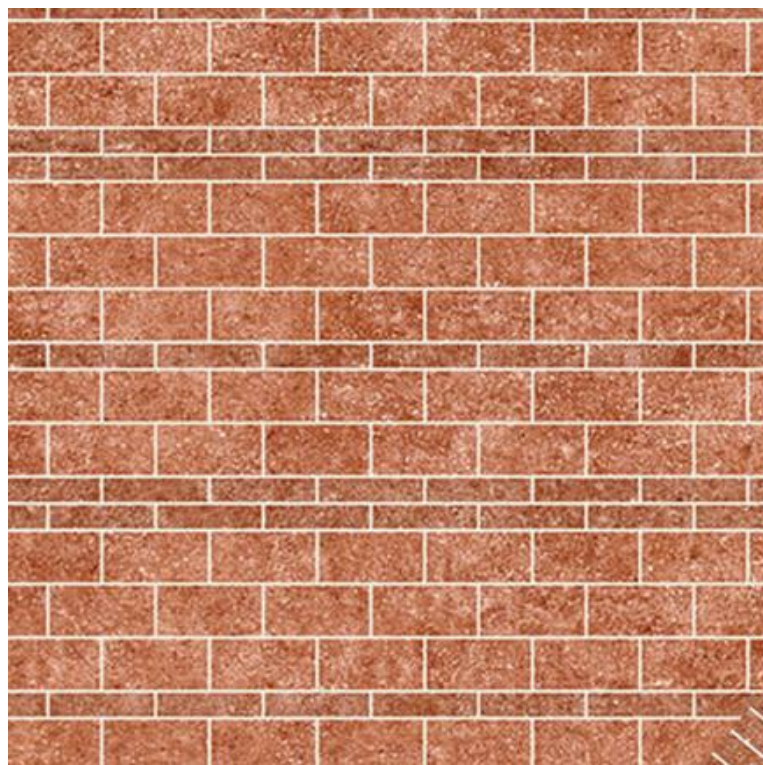
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1		Development Application
2		Response to Submission
3		Response to Submission

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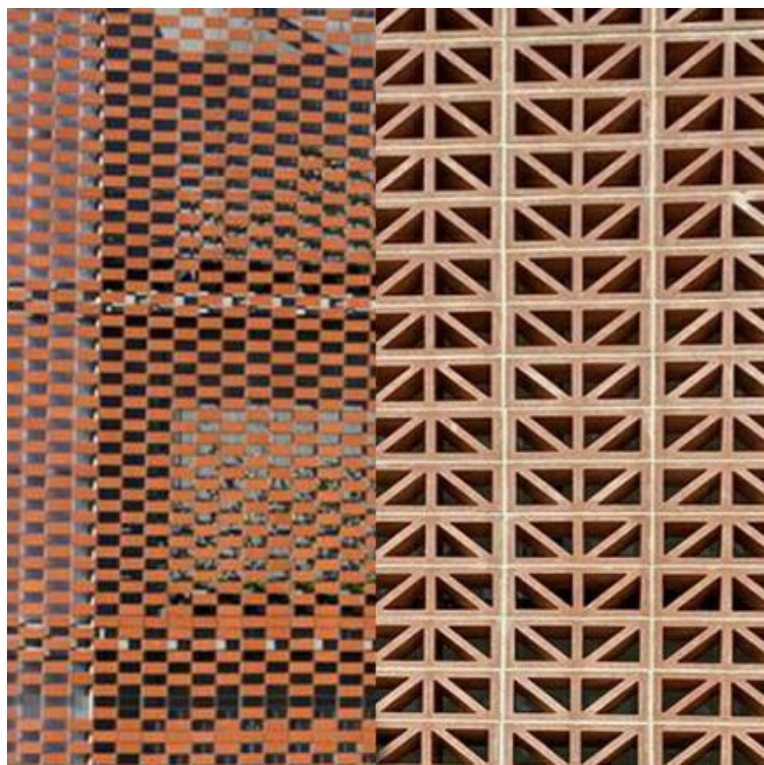
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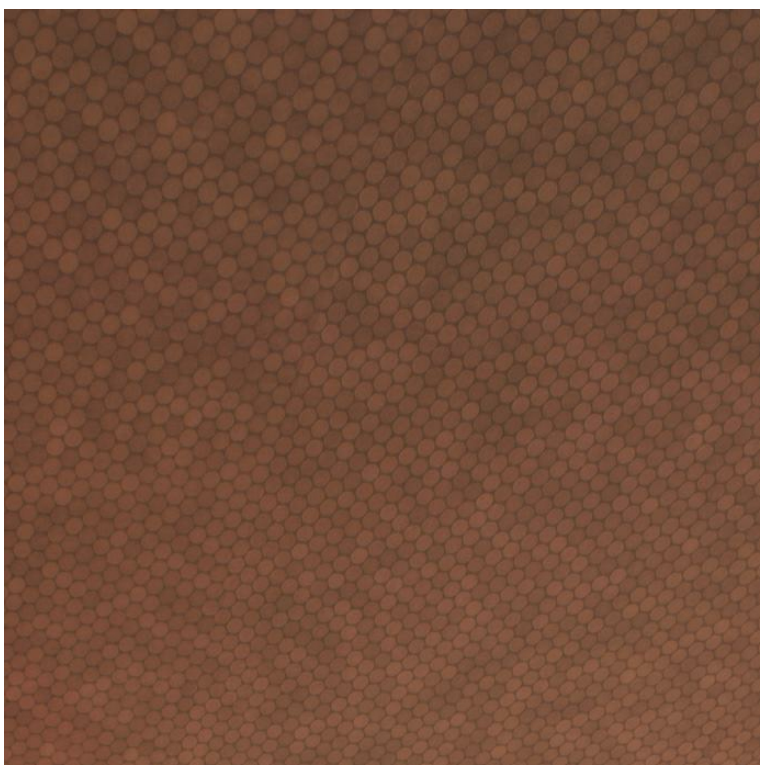
MAS-01 Patterned Masonry Facade



MAS-02 Patterned Masonry Screen
(Flexbrick terracotta tile system on SS mesh or Perforated masonry blockwork)



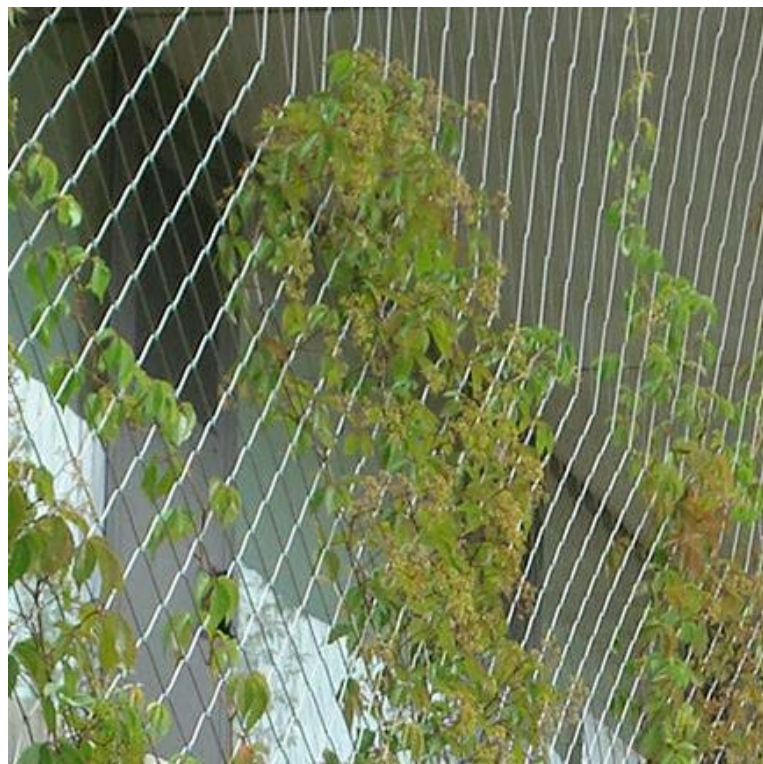
FAC-03 Terracotta Panel
Large format terracotta panel.
Matt finish with anti graffiti coating.
Colour - 'dark clay'



FAC-05 Textured rendered finish to FC
Colour - 'dark clay'



FAC-07 Terracotta Panel
Thin format terracotta tiles in glazed finish.
Colour - 'dark clay'



SCR-01 Mesh Screen
Woven metal mesh - providing framework for climbing plants



AWN-01 Aluminium Awning
Solid aluminium powdercoat 'metallic' finish.
Colour - 'dark bronze'



FAC-01 Terracotta Panel
In various sizes, matt and glazed finish.
Colour - 'light clay'



FAC-02 Aluminium Profile
Powdercoat 'metallic' finish.
Colour - 'copper/bronze'



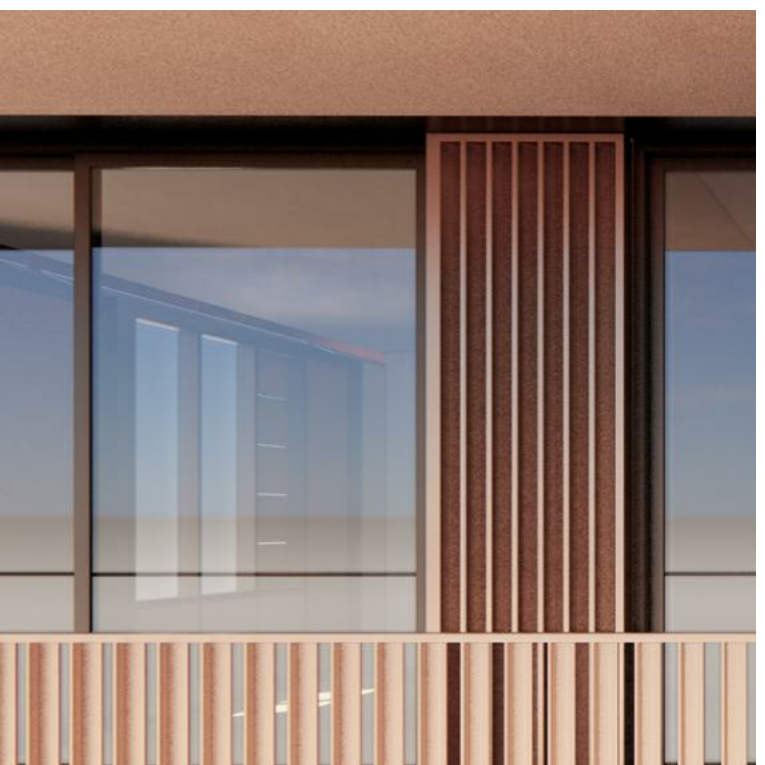
FAC-06 Painted Precast Concrete



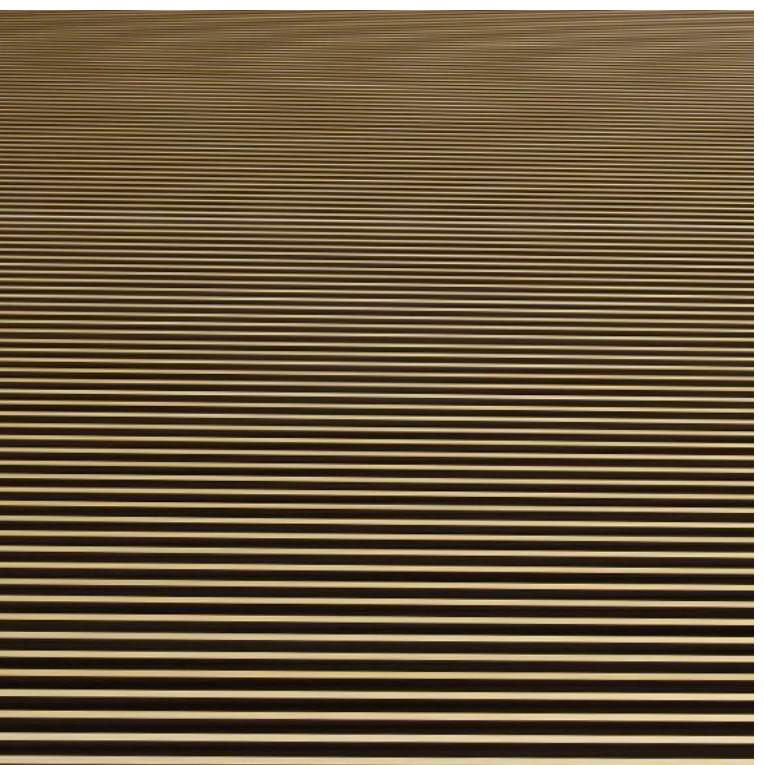
BT-01 Metal Balustrade
Aluminium. Powdercoat 'metallic' finish
Colour - 'copper/bronze'



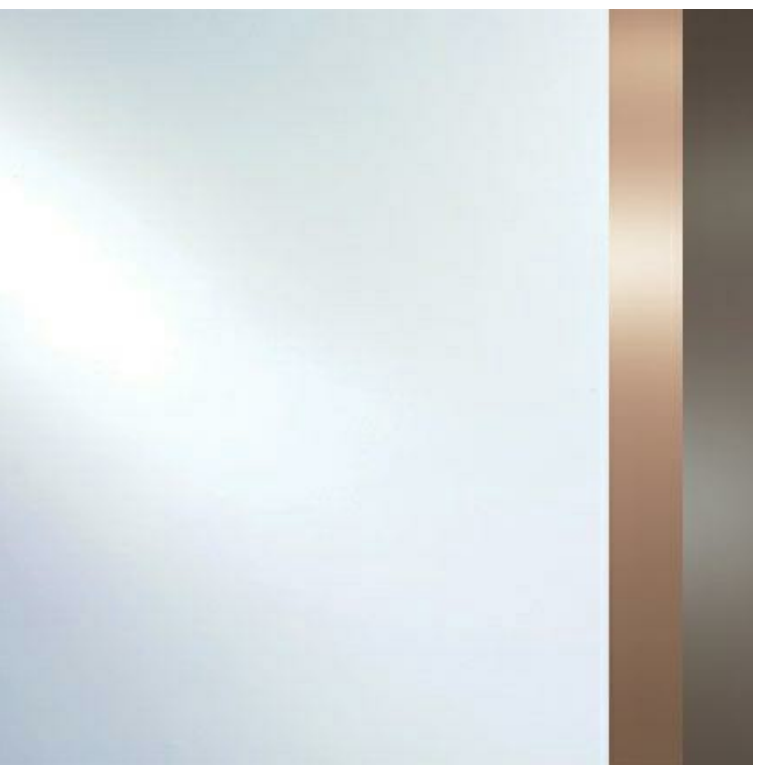
BT-02 Solid-Metal Balustrade
Solid upstand with small format terracotta panels in matt and glazed finish. Aluminium balustrade above.
Powdercoat 'metallic' finish
Colour - 'copper/bronze'



FAC-04 Aluminium Acoustic Plenum Vents
Aluminium. Powdercoat 'metallic' finish
Colour - 'copper/bronze'



LVR-01 Aluminium Louvres
Aluminium. Powdercoat 'metallic' finish
Colour - 'copper/bronze' for tower
- 'dark bronze' for ground



GLS-01 Glazing
Glazed DGU with clear performance vision glass.
Solid aluminium window frame. Powdercoat 'metallic' finish
Colour - 'copper/bronze' for tower
- 'dark bronze' for ground



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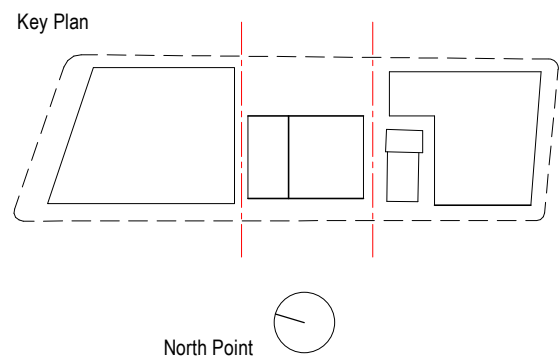
Issued under the *Environmental Planning and Assessment Act 1979*

Approved Application No.....SSD-10439.....

Granted on the.....24/11/21.....

Signed.....RH.....

Sheet No.....40..... of49.....



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Project

WATERLOO METRO QUARTER DEVELOPMENT

Central Precinct

Project number		Size check	
014079-61A-P		25mm	
Checked	Approved	Sheet size	Scale
ZC	LW	A1	

Sheet title

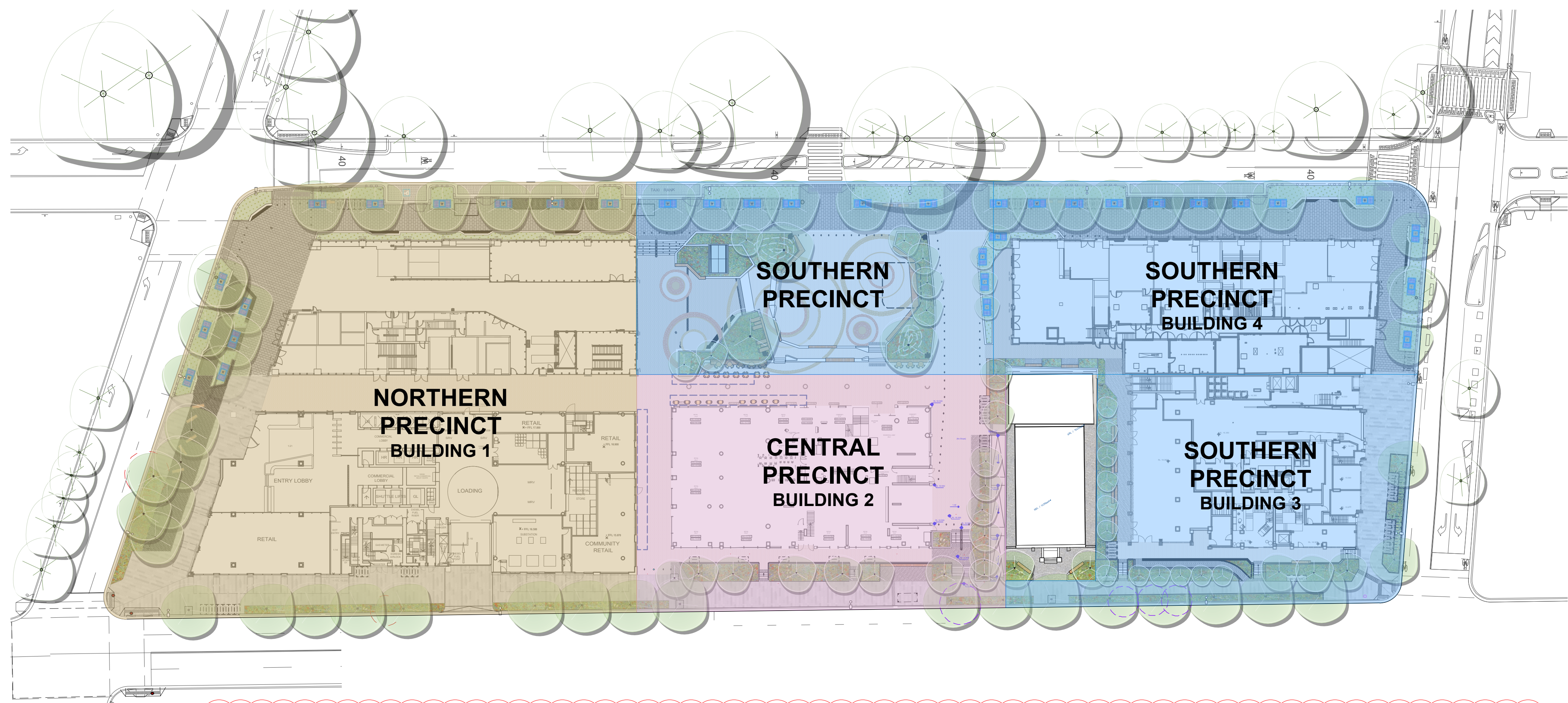
MATERIAL BOARD

Status

Sheet number	Revision
WMQ-BLD2-HAS-AR-DRG-DA801	3

WATERLOO METRO QUARTER

PUBLIC DOMAIN MASTERPLAN



CENTRAL PRECINCT - DA DRAWING LIST - SSD10437

SHEET NUMBER	SHEET NAME	ISSUED	REVISION
WMQ-BLD2-ASP-LS-DRG-DA-001	GROUND FLOOR	23/2/21	8
WMQ-BLD2-ASP-LS-DRG-DA-002	LEVEL 01	8/3/21	2
WMQ-BLD2-ASP-LS-DRG-DA-004	LEVEL 22	23/2/21	5
WMQ-BLD2-ASP-LS-DRG-DA-100	COVER SHEET	23/2/21	5
WMQ-BLD2-ASP-LS-DRG-DA-010	LEGEND	23/2/21	
WMQ-BLD2-ASP-LS-DRG-DA-300	LANDSCAPE SECTIONS - THROUGH SITE PEDESTRIAN ACCESSWAY	23/2/21	
WMQ-BLD2-ASP-LS-DRG-DA-301	LANDSCAPE SECTIONS - CHURCH LANE PEDESTRIAN ACCESSWAY	23/2/21	
WMQ-BLD2-ASP-LS-DRG-DA-302	LANDSCAPE SECTIONS - L22 ROOF TERRACE	23/2/21	
WMQ-BLD2-ASP-LS-DRG-DA-303	LANDSCAPE SECTIONS - BOTANY ROAD	8/3/21	



**Planning,
Industry &
Environment**

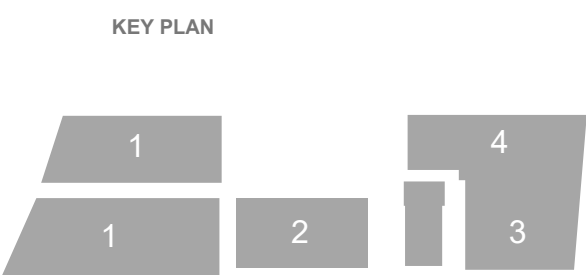
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Granted on the.....24/11/21.....

Signed.....RH.....

Sheet No.....41..... of.....49.....



REV	DATE	AMENDMENTS
01	24/07/20	DRAFT DA ISSUE
02	29/09/20	DRAFT DA ISSUE
03	03/02/21	DRAFT DA ISSUE
04	23/02/21	DRAFT DA ISSUE
05	28/03/21	DA ISSUE

STATUS

DEVELOPMENT APPLICATION

ARCHITECT

CLIENT

sydney
METRO

JOHN
HOLLAND

mirvac

PROJECT

WATERLOO METRO QUARTER

CENTRAL PRECINCT

DRAWING

COVER SHEET

DRAWN	CHECKED	SCALE @ A1
JT/CK	SB KL	1:100
DRAWING NO.		REVISION
WMQ-BLD2-ASP-LS-DRG-DA-100		05

LEGEND

GENERAL

- PROPOSED CENTRAL PRECINCT EXTENT OF WORKS
- SITE BOUNDARY
- PROPOSED AWNING LINE
AS PER ARCHITECTURAL PLANS
- LICENSED SEATING AREAS
AS PER APPROVED PARAMETER PLANS

SOFTWORKS

- PROPOSED TREE
AS SHOWN
- MP1

MASS PLANTING GARDEN BED
MIN 450mm SHRUB / GRASSES / GROUNDCOVERS
MIN 1m TREE PLANTING
- L

LAWN
L22 PENTHOUSE GARDEN
- GR

INACCESSIBLE GREEN ROOF
MIN 150mm SOIL DEPTH

LEVELS + GRADING

- ✚XRL / 15290mm

EXISTING LEVELS
ADAPTED FROM RFT SURVEY
- ✚XBOK / 15090mm

EXISTING BACK OF KERB LEVELS
ADAPTED FROM RFT SURVEY
- ✚RL / 17200mm

PROPOSED LEVELS
- 40:1

PAVEMENT GRADING

MATERIALS + FINISHES

- PV1

PAVING TYPE 1 | CoS CONCRETE UNIT PAVING
PEDESTRIAN GRADE (50mm) - CHARCOAL
- PV3

PAVING TYPE 3 | METRO QUARTER UNIT PAVING
PEDESTRIAN GRADE (50mm) - CONCRETE UNIT PAVER
- PV4

PAVING TYPE 4 | METRO QUARTER UNIT PAVING
VEHICULAR GRADE (80mm INTERLOCKING) - CONCRETE UNIT PAVER
- PV5

PAVING TYPE 5 | METRO QUARTER UNIT PAVING
PEDESTRIAN GRADE (50mm) - PERMEABLE PAVING OVER DEEP SOIL
- PV6

PAVING TYPE 6 | CoS CONCRETE UNIT PAVING
PEDESTRIAN GRADE (50mm) - PERMEABLE PAVING OVER DEEP SOIL
- PV8

PAVING TYPE 8 | ROOF TERRACE PAVING
CONCRETE PAVERS ON PEDESTAL (40mm)
- TI3

TGSI TYPE 3 | STAINLESS STEEL BUTTONS
INDIVIDUAL BUTTONS - DIRECTIONAL
- TI4

TGSI TYPE 3 | STAINLESS STEEL BUTTONS
INDIVIDUAL BUTTONS - HAZARD

KERBS, EDGES + WALLS

- KG1

KERB + GUTTER TYPE 1 | CoS BLUESTONE
300mm WIDE
- W1

WALL TYPE 1 - PRECAST CONCRETE
CONCRETE WALL
- ST1

STAIR TYPE 1 - PRECAST CONCRETE
- SE1

RAISED PLANTER EDGE TYPE 1
INSTALLED FLUSH | LEVEL 22 PENTHOUSES & COMMUNAL COURTYARD
- SE2

RAISED PLANTER EDGE TYPE 2
450mm (H) | LEVEL 22 PENTHOUSES & COMMUNAL COURTYARD
- SE3

RAISED PLANTER EDGE TYPE 3
900mm (H) | LEVEL 22 PENTHOUSES & COMMUNAL COURTYARD
- E1

EDGE TYPE 1 - STEEL EDGE TO PLANTING
GROUND LEVEL

FURNITURE + FIXTURES

- TP1

TREE PIT TYPE 1 | PROPOSED TREES IN PAVING
WITH TERRABOND SURROUND.
- TP3

TREE PIT TYPE 3 | PROPOSED TREE IN MASS PLANTING
- BH1

PROPOSED BICYCLE HOOP | CoS STANDARD
SUBSURFACE MOUNTED
- RB1

PROPOSED RUBBISH BIN | CoS STANDARD
REFER DETAILS
- BL1

PROPOSED SECURITY BOLLARD
STAINLESS STEEL - RATED TO MEET RFT SECURITY REQUIREMENTS
- BL2

PROPOSED BOLLARD
STAINLESS STEEL
- BE2

PROPOSED BENCH SEAT | CUSTOM
TIMBER SEATING ATOP INSITU CONCRETE WALL
- BE3

PROPOSED BENCH SEAT | CUSTOM
TIMBER SEATING - STEEL FRAME
- TD1

PROPOSED TIMBER DECK | LEVEL 22 COMMUNAL COURTYARD
INSTALLED FLUSH WITH ADJACENT PAVING
- BS1

BUS SHELTER | CoS STANDARD
TO BOTANY ROAD
- BQ1

BBQ TYPE 1 | LEVEL 22 COMMUNAL COURTYARD
DUAL GRILL WITH CUPBOARD STORAGE BELOW
- WT1

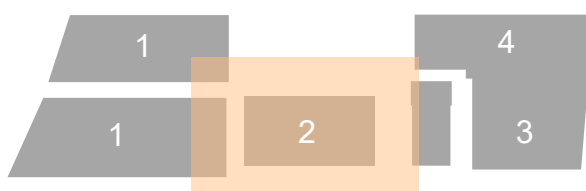
WORKTOP & SINK | LEVEL 22 COMMUNAL COURTYARD
TAPS AND PREP AREA WITH KITCHEN STORAGE BELOW
- TB1

TABLE | LEVEL 22 COMMUNAL COURTYARD
TIMBER PICNIC BENCH AND TABLE
- TB2

GROUP SEATING AREA | LEVEL 22 COMMUNAL COURTYARD
STEEL FRAME CIRCULAR TIMBER BENCH SEAT WITH BACKREST



KEY PLAN



REV	DATE	AMENDMENTS
01	24/07/20	DRAFT DA ISSUE
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03	03/02/21	FOR REVIEW
04	23/02/21	REVISED DA ISSUE

STATUS
DEVELOPMENT APPLICATION

ARCHITECT

Hassell

CLIENT



PROJECT
WATERLOO METRO QUARTER
CENTRAL PRECINCT
BUILDING 2

DRAWING
LEGEND

DRAWN
JT/CK

CHECKED
SB | KL

SCALE @ A1

DRAWING NO.

WMQ-BLD2-ASP-LS-DRG-DA-010

REVISION

4



Planning,
Industry &
Environment

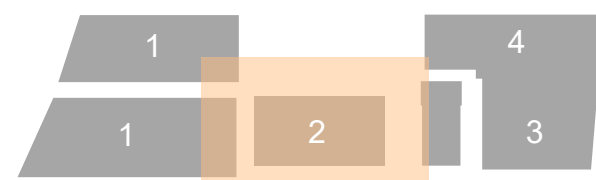
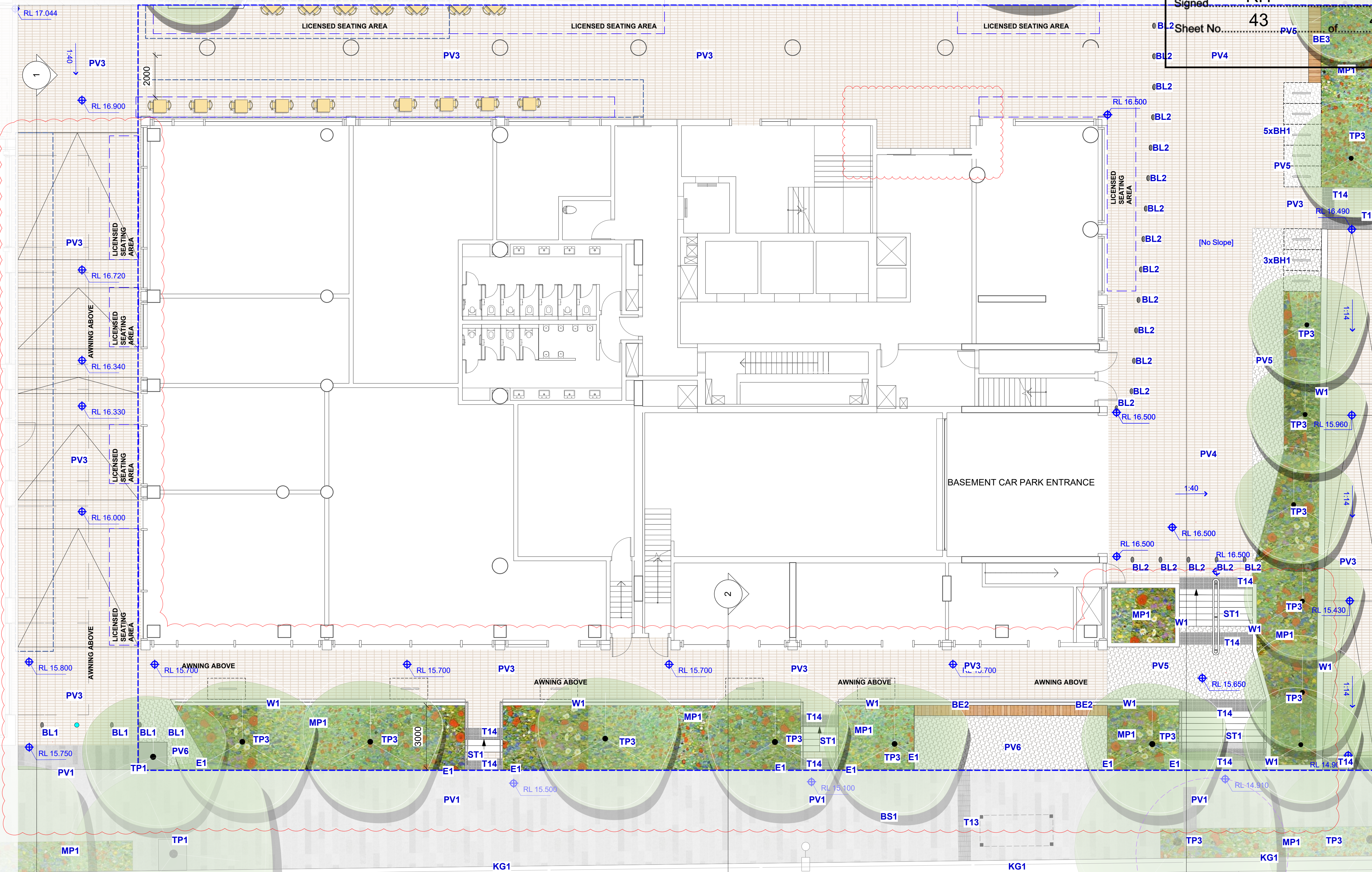
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Planning,
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Environment

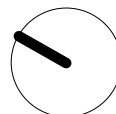
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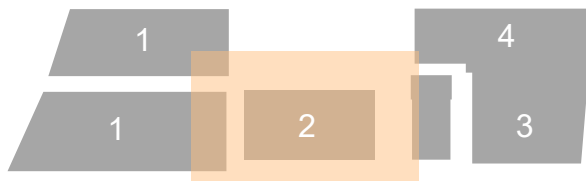
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NORTH



KEY PLAN



REV	DATE	AMENDMENTS
01	24/06/20	DRAFT DA ISSUE
02	08/03/21	REVISED DA ISSUE

STATUS
DEVELOPMENT APPLICATION

ARCHITECT

Hassell

CLIENT



PROJECT
WATERLOO METRO QUARTER
CENTRAL PRECINCT
BUILDING 2

DRAWING
LANDSCAPE PLAN
LEVEL 01

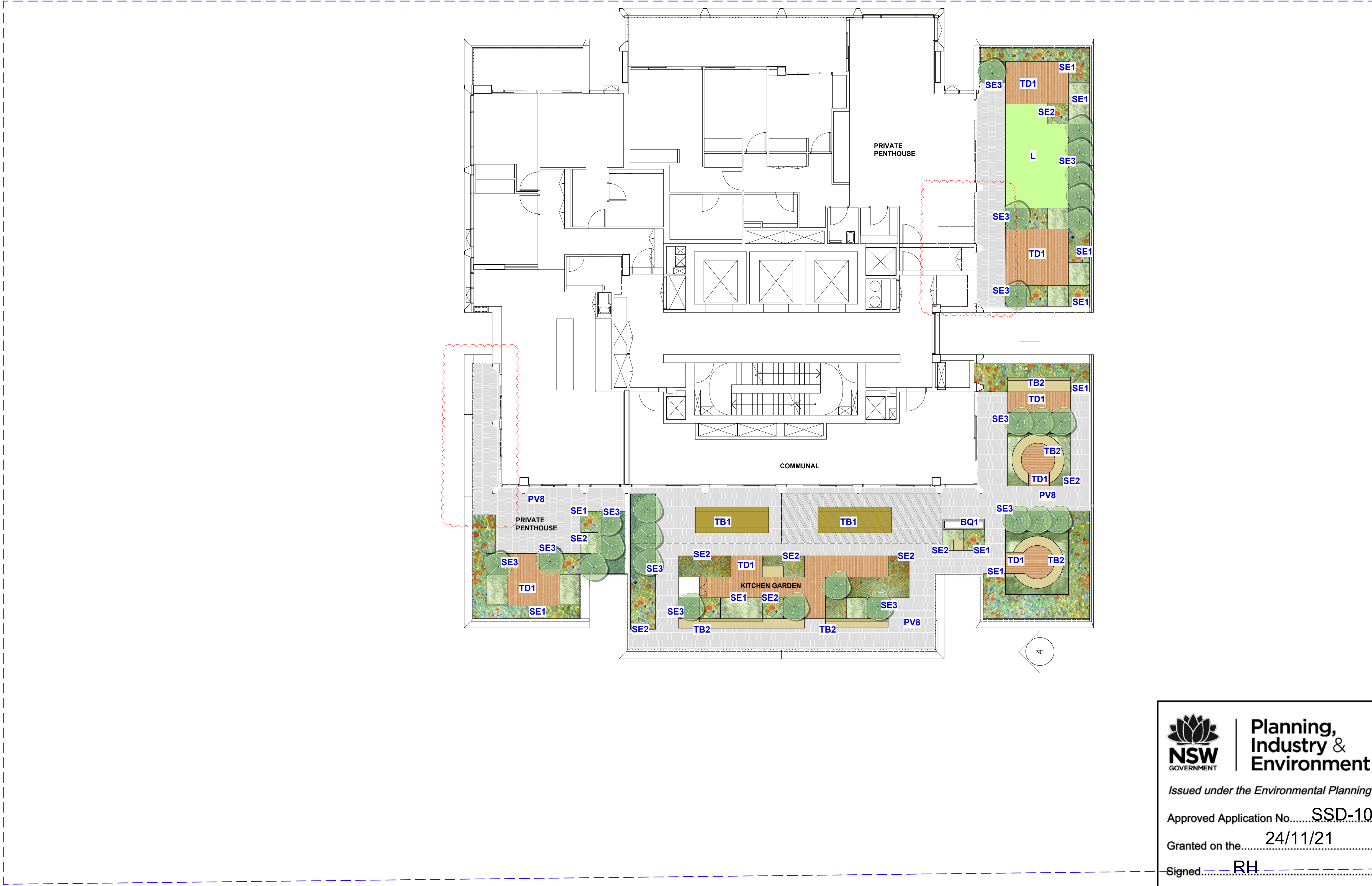
DRAWN
JT/CK

CHECKED
SB | KL

SCALE @ A1
1:100

DRAWING NO.
WMQ-BLD2-ASP-LS-DRG-DA-002

REVISION
2



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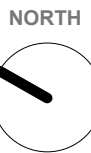
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Signed.....RH.....

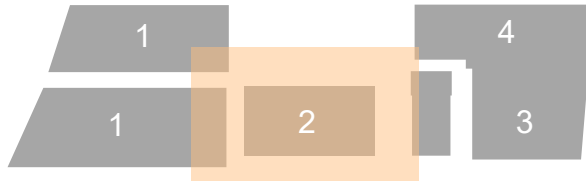
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05	29/03/21	DA ISSUE

STATUS
DEVELOPMENT APPLICATION

ARCHITECT

Hassell

CLIENT



PROJECT
WATERLOO METRO QUARTER
CENTRAL PRECINCT
BUILDING 2

DRAWING
LANDSCAPE PLAN
LEVEL 22 ROOF TERRACE AND PENTHOUSE

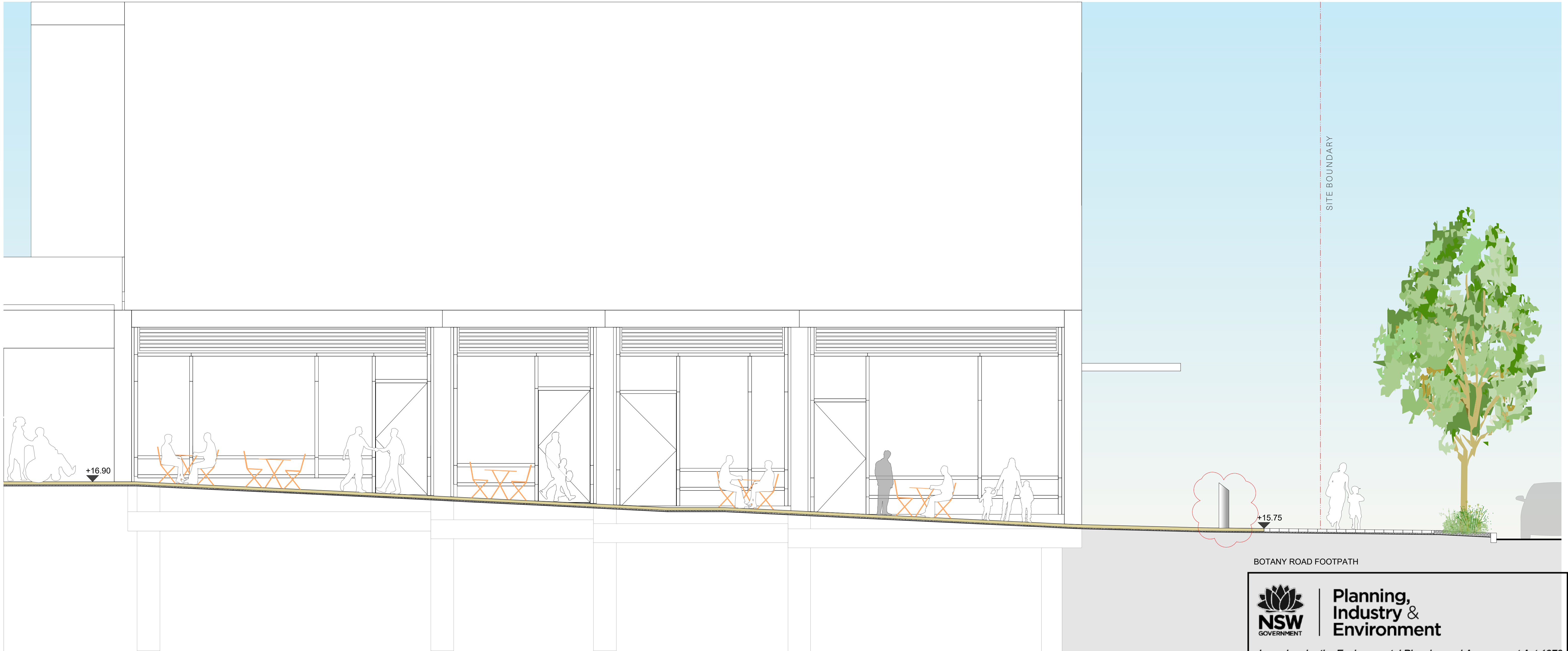
DRAWN
JT/CK

CHECKED
SB | KL

SCALE @ A1
1:100

DRAWING NO.
WMQ-BLD2-ASP-LS-DRG-DA-004

REVISION
5



SECTION 1
GRIT LANE INTERFACE



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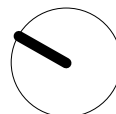
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STATUS
DEVELOPMENT APPLICATION



PROJECT
WATERLOO METRO QUARTER
CENTRAL PRECINCT
BUILDING 2

DRAWING
LANDSCAPE SECTIONS
THROUGH SITE PEDESTRIAN ACCESSWAY

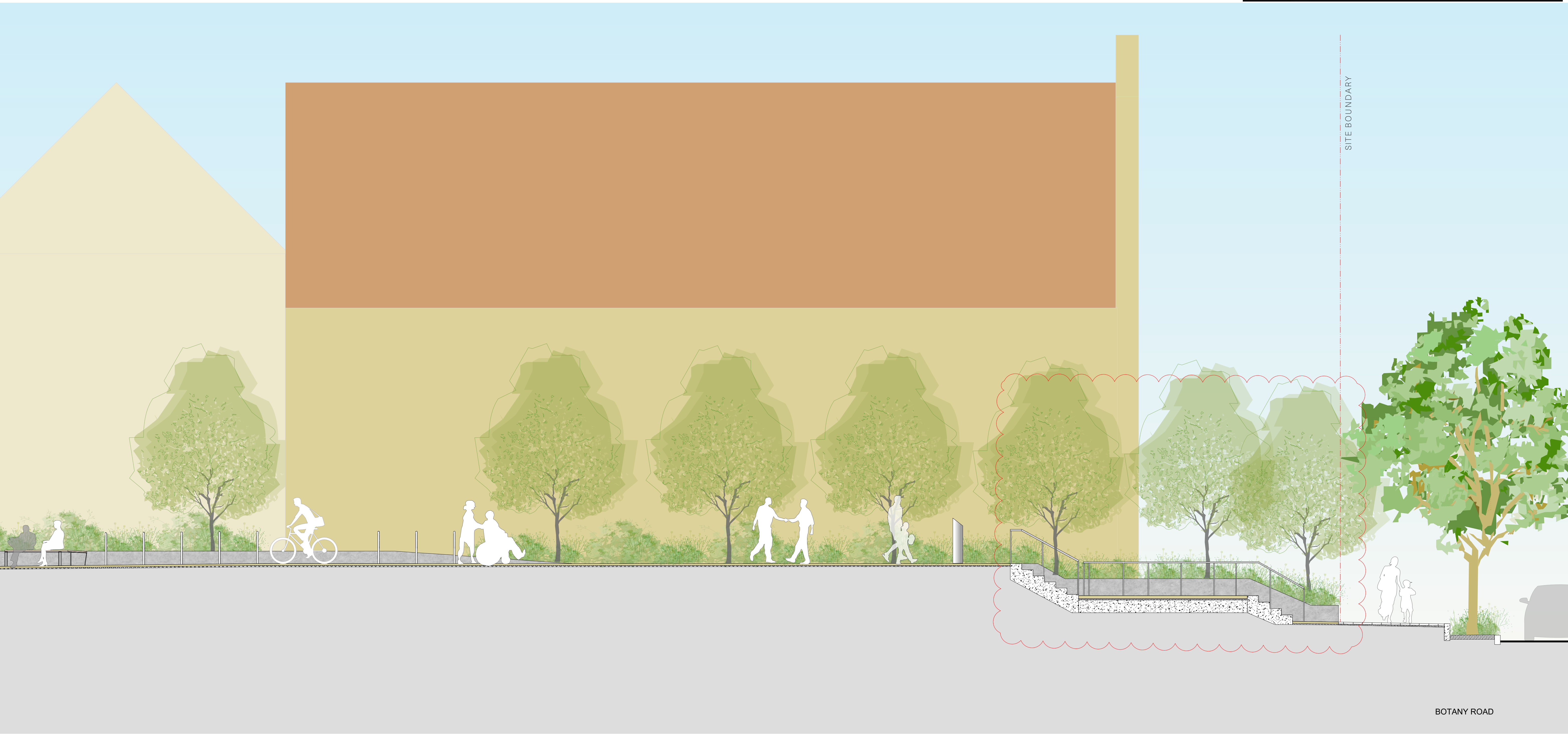
DRAWN
HN

CHECKED
SB | KL

SCALE @ A1
1:50

DRAWING NO.
WMQ-BLD2-ASP-LS-DRG-DA-300

REVISION
03

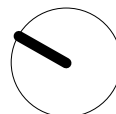


SECTION 3 1:50
CHURCH SQUARE

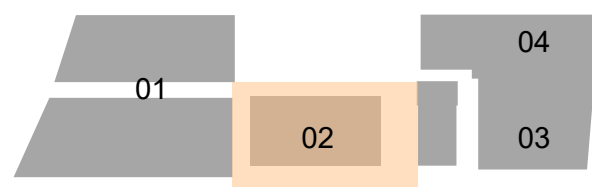
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STATUS
DEVELOPMENT APPLICATION



PROJECT
WATERLOO METRO QUARTER
CENTRAL PRECINCT
BUILDING 2

DRAWING
LANDSCAPE SECTIONS
CHURCH LANE PEDESTRIAN ACCESSWAY

DRAWN
HN

CHECKED
SB | KL

SCALE @ A1
1:50

DRAWING NO.
WMQ-BLD2-ASP-LS-DRG-DA-301

REVISION
04



SECTION 4 1:25
ROOF TERRACE





Planning,
Industry &
Environment

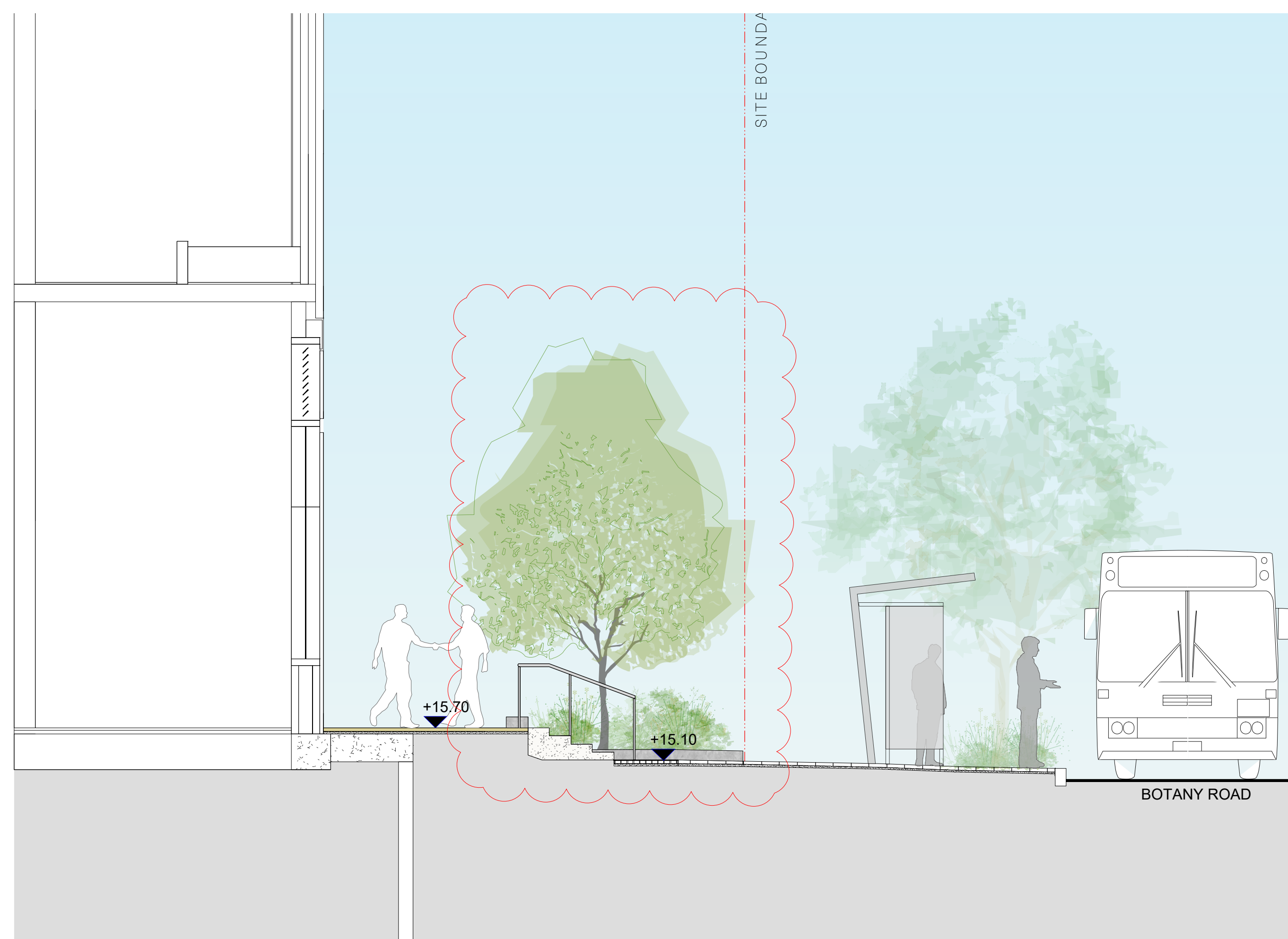
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SECTION 2 1:50
BOTANY ROAD INTERFACE



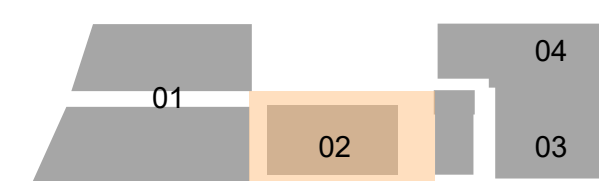
SECTION 5 1:25
LEVEL 1 - CHILD CARE CENTRE PLANTER

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03	08/03/21	REVISED DA ISSUE

STATUS
DEVELOPMENT APPLICATION



PROJECT
WATERLOO METRO QUARTER
CENTRAL PRECINCT
BUILDING 2

DRAWING
LANDSCAPE SECTIONS
BOTANY ROAD

DRAWN	CHECKED	SCALE @ A1
HN	SB KL	AS SHOWN

DRAWING NO.	REVISION
WMQ-BLD2-ASP-LS-DRG-DA-303	03