

TULICH LIFESTYLE VILLAGE, ORAN PARK

1 Civic Way, Oran Park

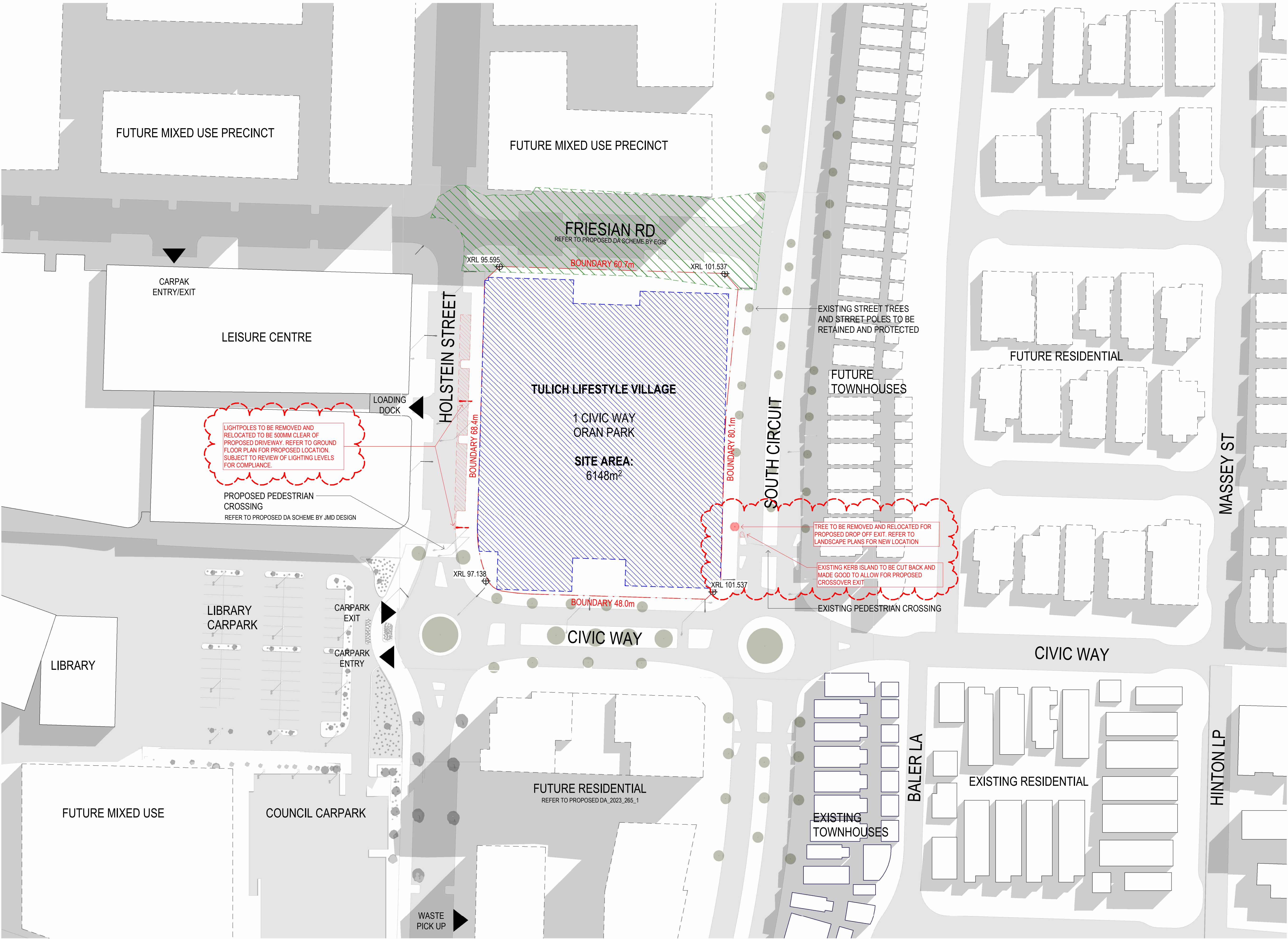
TULICH PROJECT MANAGEMENT PTY LTD



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CONTENTS		
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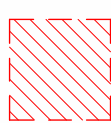
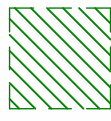
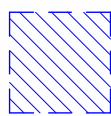
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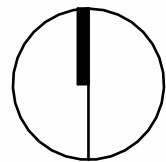


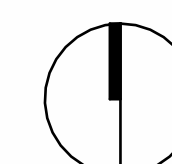
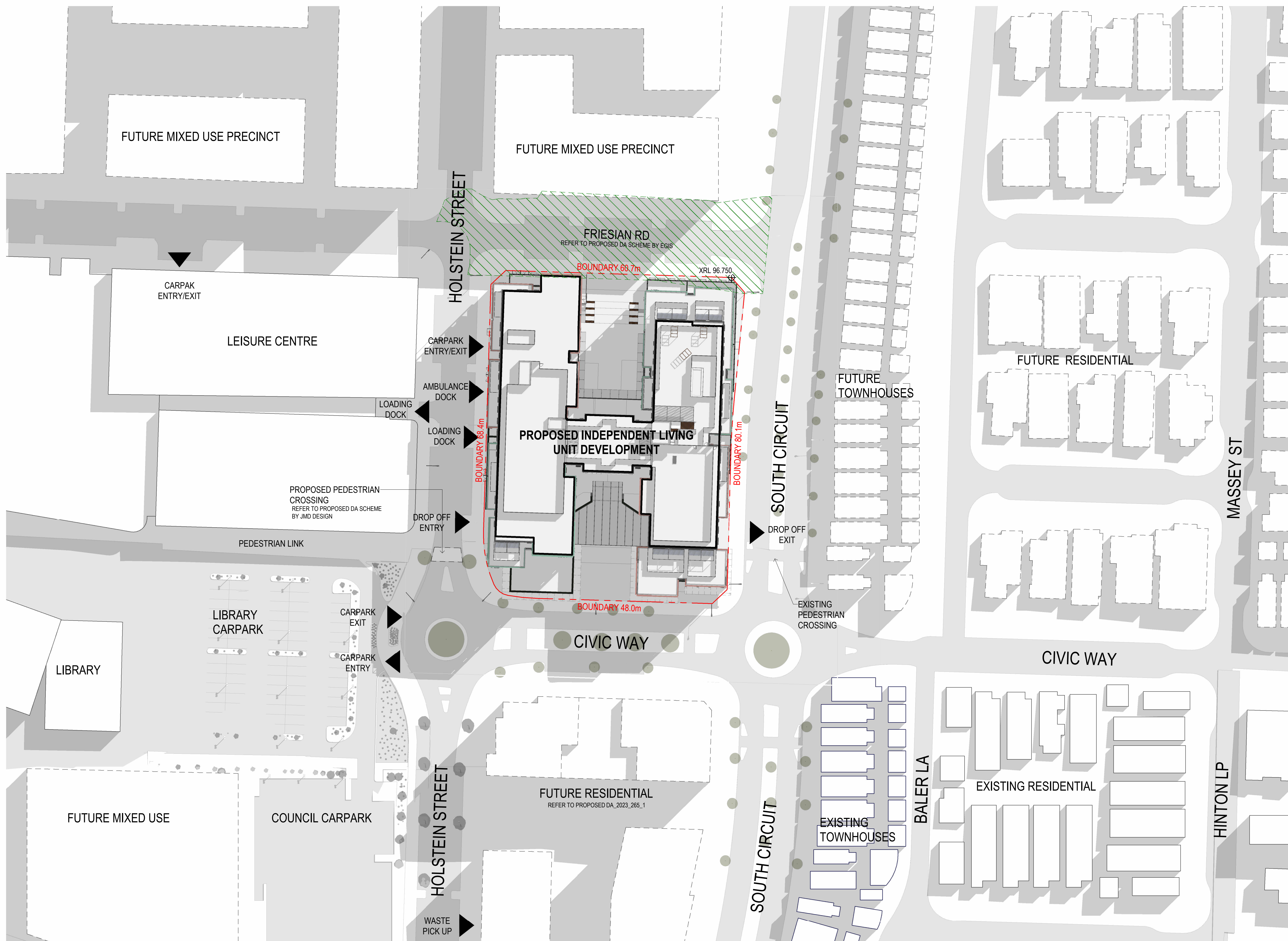
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[Nom. Architect]	THOMAS HANSEN /9527	
[File]	20240019-AB-SK001-R24	
[Print Date]	24/01/2025 2:16:18 PM	
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A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	14.10.2024
1	DA SUBMISSION	22.10.2024
2	DA SUBMISSION - RFI AMMENDMENTS	24.01.2024

LEGEND

-  REMOVE EXISTING PARKING AND STREET FURNITURE FOR PROPOSED CROSSOVERS AND MAKE GOOD PUBLIC DOMAIN TO COUNCIL REQUIREMENTS
-  FUTURE ROAD TO BE CONSTRUCTED IN CONJUNCTION WITH PROPOSED DEVELOPMENT
-  EXTENT OF EXCAVATION TO 2 BASEMENT LEVELS





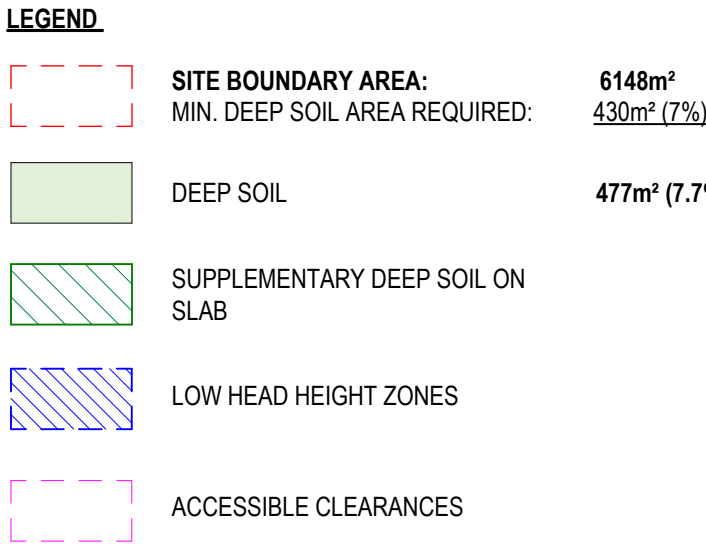
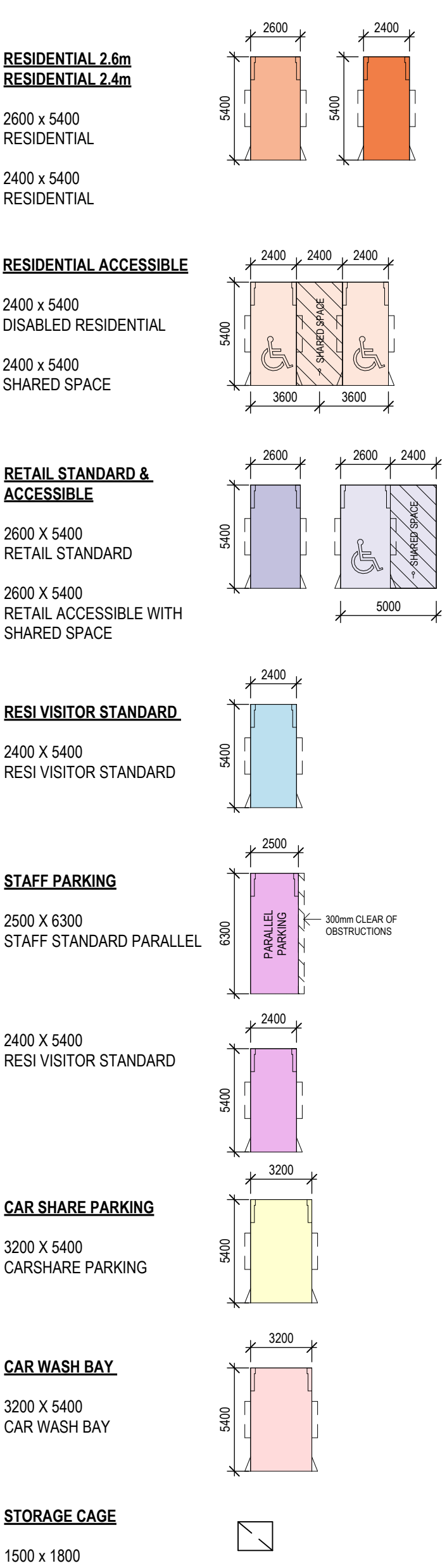
PARKING SCHEDULE - NUMBERS BY LEVEL - 2 LEVELS			
Parking Type	Size	Count	
BASEMENT 1			
CAR WASH BAY	5.4 x 3.2	1	
CARSHARE	5.4 x 3.2	5	
Residential 2.4m	5.4 x 2.4	3	
Residential 2.6m	5.4 x 2.6	57	
Residential Accessible	5.4 x 2.4	3	
Residential Accessible	5.4 x 2.6	7	
Retail	5.4 x 2.6	12	
Retail Accessible	5.4 x 2.6	1	
Staff Parallel	6.3 x 2.5	1	
Staff Standard	5.4 x 2.4	1	
Visitor Standard	5.4 x 2.4	4	
		95	

BASEMENT 2			
	5.4 x 3.8	1	
Residential 2.4m	5.4 x 2.4	6	
Residential 2.6m	5.4 x 2.6	89	
Residential Accessible	5.4 x 2.4	10	
Residential Accessible	5.4 x 2.6	6	
Staff Parallel	6.3 x 2.5	1	
Staff Standard	5.4 x 2.4	1	
		114	

TOTAL: 209 209

PARKING SCHEDULE - OVERALL NUMBERS - 2 LEVELS			
Parking Type	Size	Count	
	5.4 x 3.8	1	
: 1		1	
CAR WASH BAY	5.4 x 3.2	1	
CAR WASH BAY: 1		1	
CARSHARE	5.4 x 3.2	5	
CARSHARE: 5		5	
Residential 2.4m	5.4 x 2.4	9	
Residential 2.4m: 9		9	
Residential 2.6m	5.4 x 2.6	146	
Residential 2.6m: 146		146	
Residential Accessible	5.4 x 2.4	13	
Residential Accessible	5.4 x 2.6	13	
Residential Accessible: 26		26	
Retail	5.4 x 2.6	12	
Retail: 12		12	
Retail Accessible	5.4 x 2.6	1	
Retail Accessible: 1		1	
Staff Parallel	6.3 x 2.5	2	
Staff Parallel: 2		2	
Staff Standard	5.4 x 2.4	2	
Staff Standard: 2		2	

Visitor Standard	5.4 x 2.4	4			
Visitor Standard: 4	BASEMENT STORAGE CAGES - 2 LEVELS				
TOTAL: 209	Description	Size	209 Area	Volume	Count
BASEMENT 2	Storage-Carpark	1500w x 1800d x 2100h	2.7 m²	5.67 m³	116
					116
BASEMENT 1	Storage-Carpark	1500w x 1800d x 2100h	2.7 m²	5.67 m³	80
					80
Grand total: 196					196



PARKING SCHEDULE - NUMBERS BY LEVEL - 2 LEVELS		
Parking Type	Size	Count
BASEMENT 1		
CAR WASH BAY	5.4 x 3.2	1
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		95

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Residential 2.6m	5.4 x 2.6	89
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Residential Accessible	5.4 x 2.6	6
Staff Parallel	6.3 x 2.5	1
Staff Standard	5.4 x 2.4	1
		114

TOTAL: 209

PARKING SCHEDULE - OVERALL NUMBERS - 2 LEVELS

Parking Type	Size	Count
	5.4 x 3.8	1
1		1

CAR WASH BAY	5.4 x 3.2	1
CAR WASH BAY: 1		1

CARSHARE	5.4 x 3.2	5
CARSHARE: 5		5

Residential 2.4m	5.4 x 2.4	9
Residential 2.4m: 9		9

Residential 2.6m	5.4 x 2.6	146
Residential 2.6m: 146		146

Residential Accessible	5.4 x 2.4	13
Residential Accessible	5.4 x 2.6	13
Residential Accessible: 26		26

Retail	5.4 x 2.6	12
Retail: 12		12

Retail Accessible	5.4 x 2.6	1
Retail Accessible: 1		1

Staff Parallel	6.3 x 2.5	2
Staff Parallel: 2		2

Staff Standard	5.4 x 2.4	2
Staff Standard: 2		2

Visitor Standard	5.4 x 2.4	4
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Visitor Standard: 4

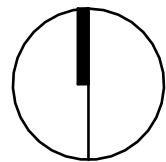
TOTAL: 209

Level Description Size Area Volume Count

BASEMENT 2	Storage-Carpark	1500w x 1800d x 2100h	2.7 m²	5.67 m³	116
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BASEMENT 1	Storage-Carpark	1500w x 1800d x 2100h	2.7 m²	5.67 m³	80
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Grand total:	196
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[Rev#]	[Description]	[Date]dd.mm.yy
2	DA SUBMISSION	25.10.2024
3	DA SUBMISSION	28.10.2024
4	DA SUBMISSION	31.10.2024
5	DA SUBMISSION - RFI AMENDMENTS	24.01.2024
6	DA SUBMISSION - RFI AMENDMENTS	11.03.2025

RESIDENTIAL 2.6m
RESIDENTIAL 2.4m

2600 x 5400
RESIDENTIAL

2400 x 5400
RESIDENTIAL

RESIDENTIAL ACCESSIBLE

2400 x 5400
DISABLED RESIDENTIAL

2400 x 5400
SHARED SPACE

RETAIL STANDARD &
ACCESSIBLE

2600 X 5400
RETAIL STANDARD

2600 X 5400
RETAIL ACCESSIBLE WITH
SHARED SPACE

RESI VISITOR STANDARD

2400 X 5400
RESI VISITOR STANDARD

STAFF PARKING

2500 X 6300
STAFF STANDARD PARALLEL

2400 X 5400
RESI VISITOR STANDARD

CAR SHARE PARKING

3200 X 5400
CARSHARE PARKING

CAR WASH BAY

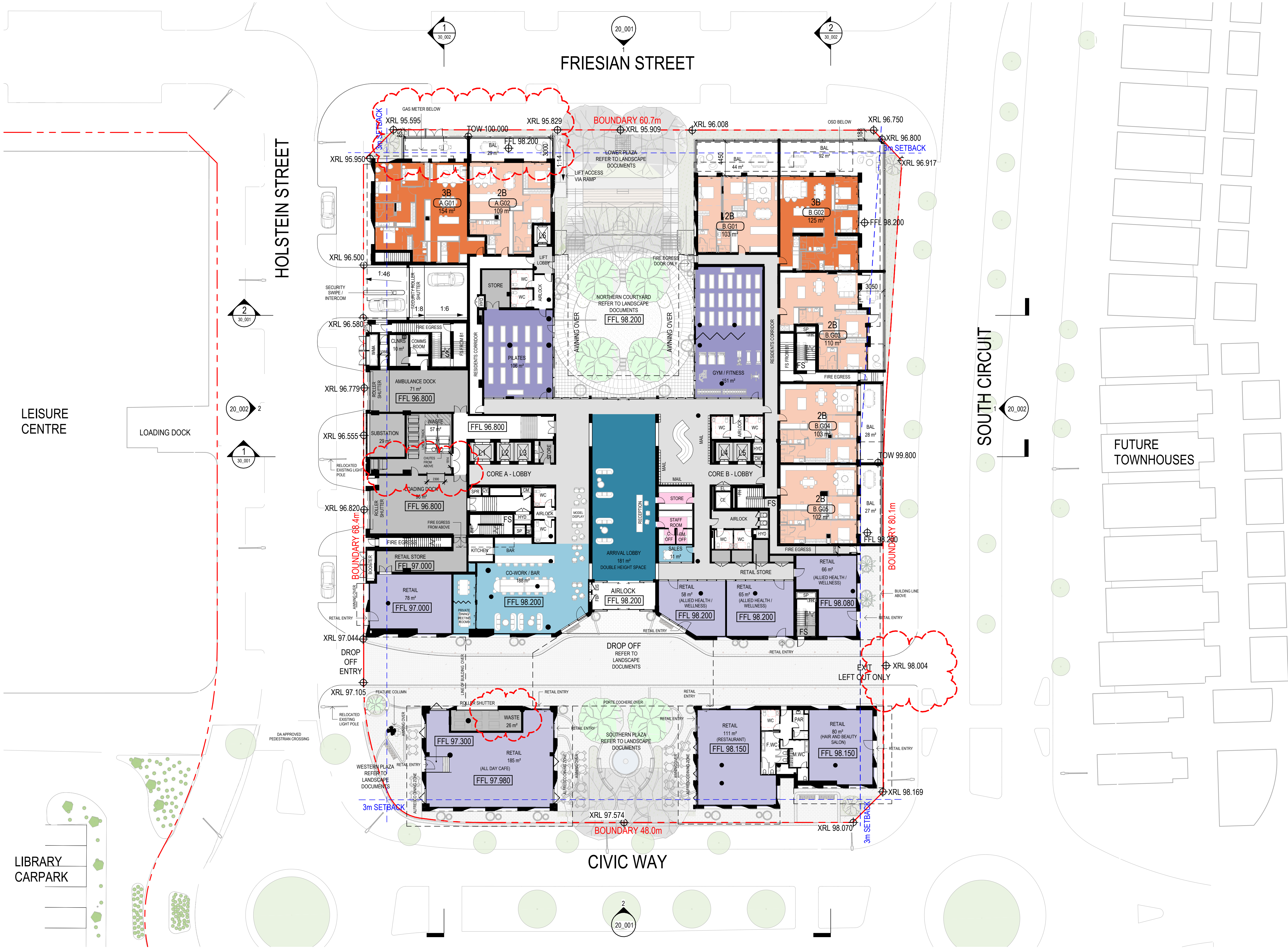
3200 X 5400
CAR WASH BAY

STORAGE CAGE

1500 x 1800

LEGEND

[Red dashed line]	SITE BOUNDARY AREA:	6148m²
[Green dashed line]	MIN. DEEP SOIL AREA REQUIRED:	430m² (7%)
[Green solid line]	DEEP SOIL	477m² (7.7%)
[Green hatched line]	SUPPLEMENTARY DEEP SOIL ON SLAB	
[Blue hatched line]	LOW HEAD HEIGHT ZONES	
[Pink dashed line]	ACCESSIBLE CLEARANCES	



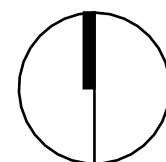
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COLOUR LEGEND

- RETAIL / COMMERCIAL TENANCIES
- WELLNESS SERVICES
- ARRIVAL LOBBY
- RESIDENTS COMMUNAL SPACES
- ADMINISTRATION
- BACK OF HOUSE / ANCILLARY SPACES
- CIRCULATION

RESIDENTIAL UNITS

- BALCONY
- 1 BEDROOM, ASSISTED LIVING
- 1 BEDROOM
- 2 BEDROOM
- 2 BEDROOM + STUDY
- 3 BEDROOM





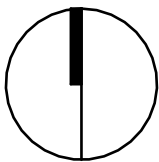
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[Nom. Architect]	THOMAS HANSEN /9527	
[File]	20240019-AB-SK001-R24	
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D	DRAFT DA SET	04.10.2024
E	DRAFT DA SET	14.10.2024
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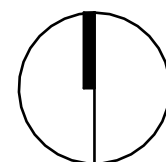
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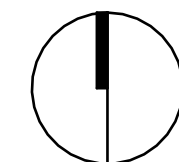


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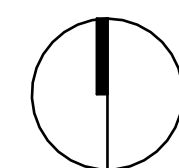


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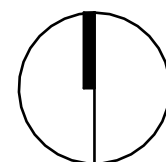
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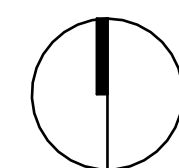


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0 2.5 5 7.5 10 12.5 m
Bar Scale 1:250

[Scale] 1 : 250 @ A1

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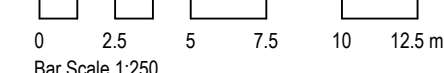
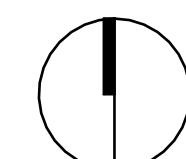


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1	DA SUBMISSION	22.10.2024
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4	DA SUBMISSION - RFI AMMENDMENTS	24.01.2024

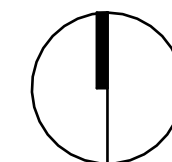


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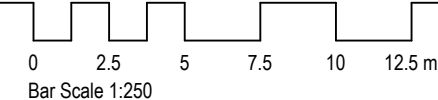
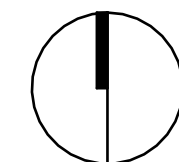


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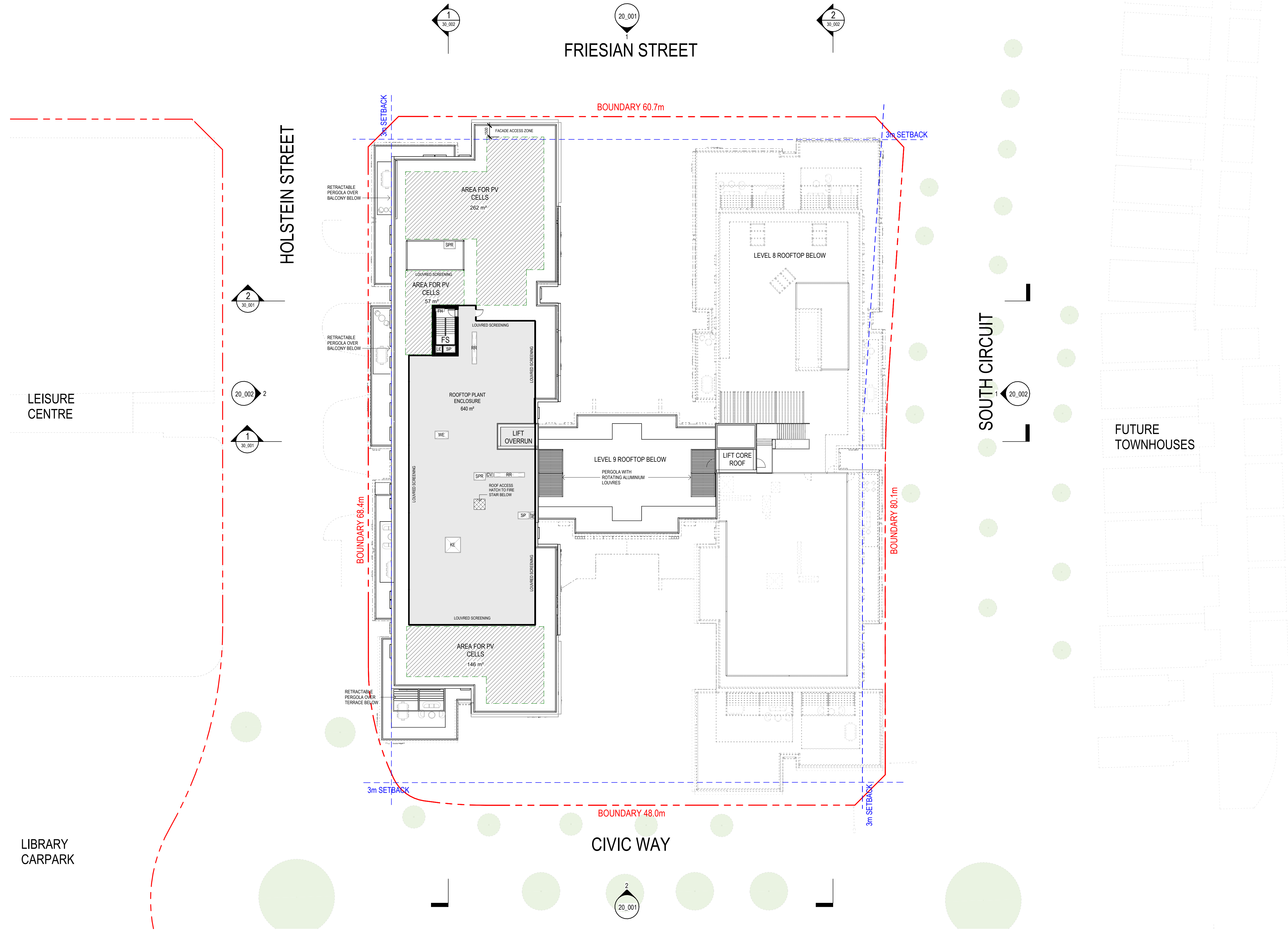
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- BACK OF HOUSE / ANCILLARY SPACES
- CIRCULATION

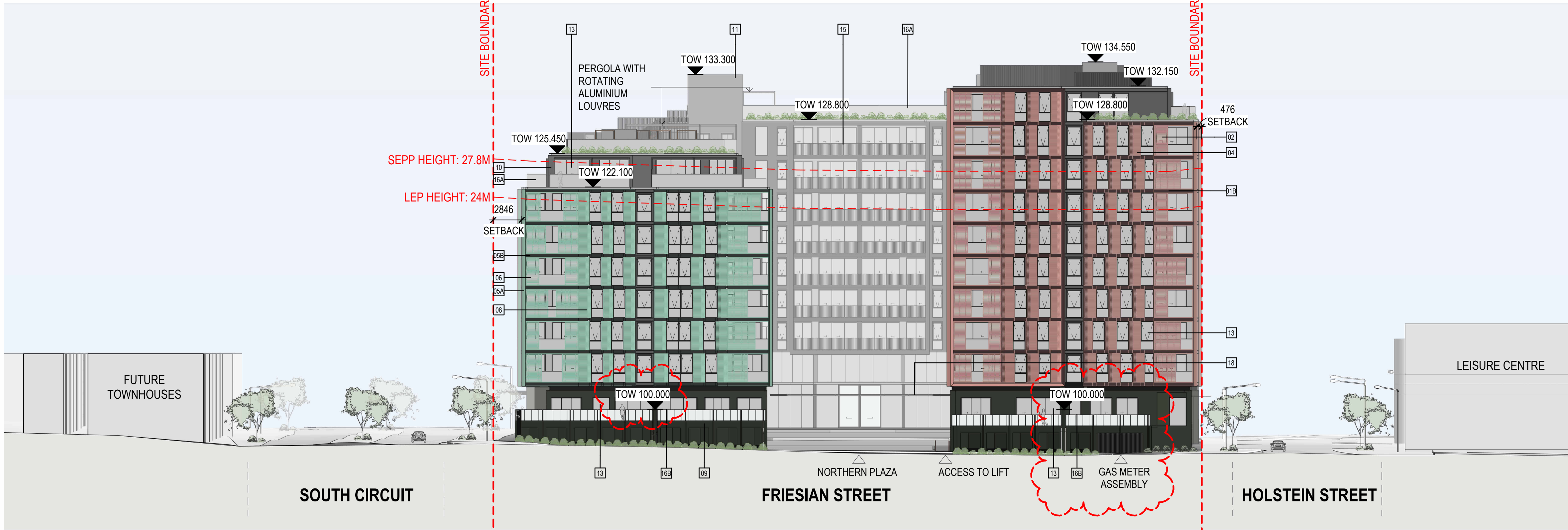
RESIDENTIAL UNITS

- BALCONY
- 1 BEDROOM, ASSISTED LIVING
- 1 BEDROOM
- 2 BEDROOM
- 2 BEDROOM + STUDY
- 3 BEDROOM

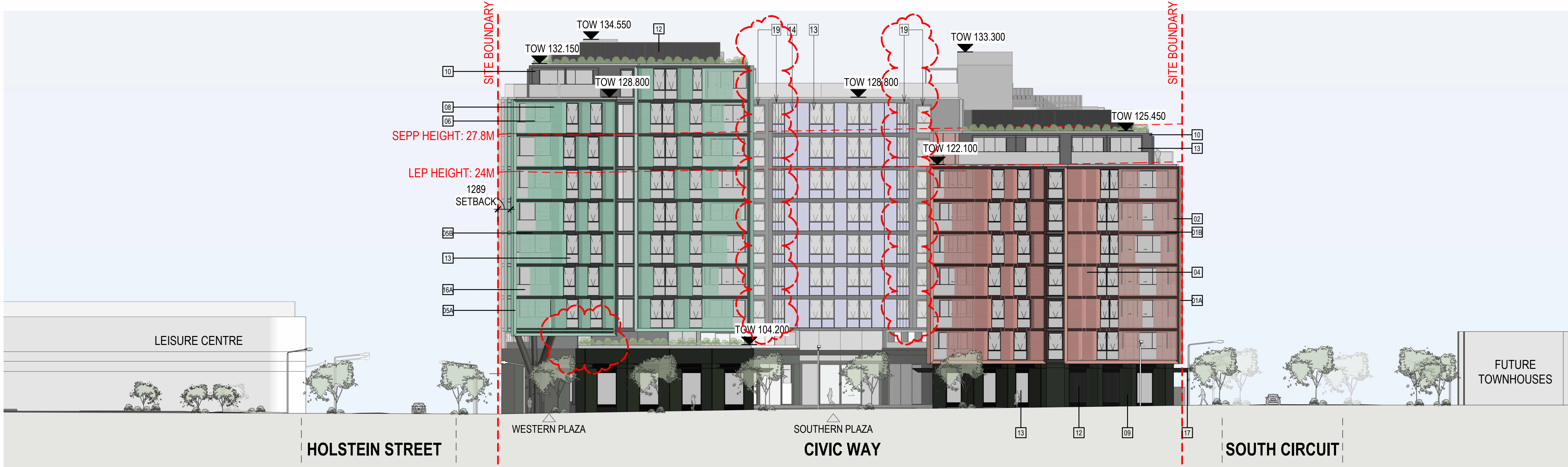


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E	DRAFT DA SET	14.10.2024
F	DRAFT DA - REVISED	15.10.2024
G	FOR COORDINATION - PV	15.10.2024
1	DA SUBMISSION	22.10.2024
2	DA SUBMISSION	25.10.2024





1 NORTH ELEVATION - FRIESIAN STREET
1 : 250



2 SOUTH ELEVATION - CIVIC WAY
1 : 250

DEVELOPMENT APPLICATION		
[Status]	THOMAS HANSEN /9527	
[Nom. Architect]	20240019-AB-SK001-R24	
[File]	24/01/2025 1:12:59 PM	
[Print Date]	History	
[Revit]	[Description]	[Date]dd.mm.yy
D	DRAFT DA - REVISED	15.10.2024
1	DA SUBMISSION	22.10.2024
2	DA SUBMISSION	25.10.2024
3	DA SUBMISSION	28.10.2024
4	DA SUBMISSION - RFI AMMENDMENTS	24.01.2024

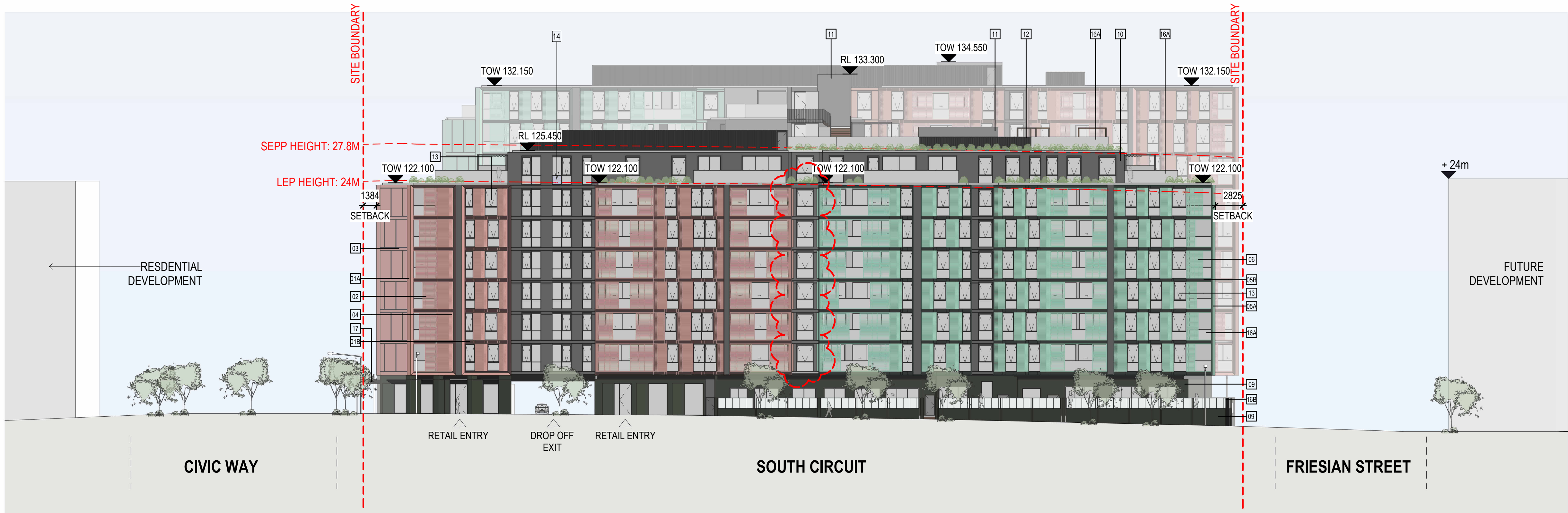
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FFL 138.650	
LEVEL 11	▼
FFL 135.300	
LEVEL 10	▼
FFL 131.950	
LEVEL 9	▼
FFL 128.600	
LEVEL 8	▼
FFL 125.250	
LEVEL 7	▼
FFL 121.900	
LEVEL 6	▼
FFL 118.700	
LEVEL 5	▼
FFL 115.500	
LEVEL 4	▼
FFL 112.300	
LEVEL 3	▼
FFL 109.100	
LEVEL 2	▼
FFL 105.900	
LEVEL 1	▼
FFL 102.700	
GROUND FLOOR	▼
FFL 98.200	

MATERIALS LEGEND

- 01A - ALUMINIUM - OCHRE
 - 01B- ALUMINIUM - DARK OCHRE
 - 02- ALUMINIUM SCREENS - OCHRE
 - 03- SOLID PANEL - OCHRE
 - 04- SOLID GROOVED PANEL - OCHRE
 - 05A- ALUMINIUM - GREEN OXIDE
 - 05B- ALUMINIUM - DARK GREEN OXIDE
 - 06- ALUMINIUM SCREENS - GREEN OXIDE
 - 07- SOLID PANEL - GREEN OXIDE
 - 08- SOLID GROOVED PANEL - GREEN OXIDE
 - 09- DARK BRICKWORK
 - 10- DARK METAL CLADDING
 - 11- LIGHT METAL CLADDING
 - 12- DARK METAL LOUVRE / SCREEN
 - 13- CLEAR GLAZING
 - 14- CLEAR GLAZING - SPANDREL PANEL
 - 15- METAL SLATTED BALUSTRADE
 - 16A- FRAMELESS GLASS BALUSTRADE
 - 16B- GLASS AND METAL BALUSTRADE
 - 17- DARK METAL AWNING WITH GLAZED INFILL PANELS
 - 18- GLAZED AWNING / ROOF
 - 19- DARK METAL PRIVACY SHROUD / FINS
- Refer to DA77_001 External Materials and Finishes Schedule for more information

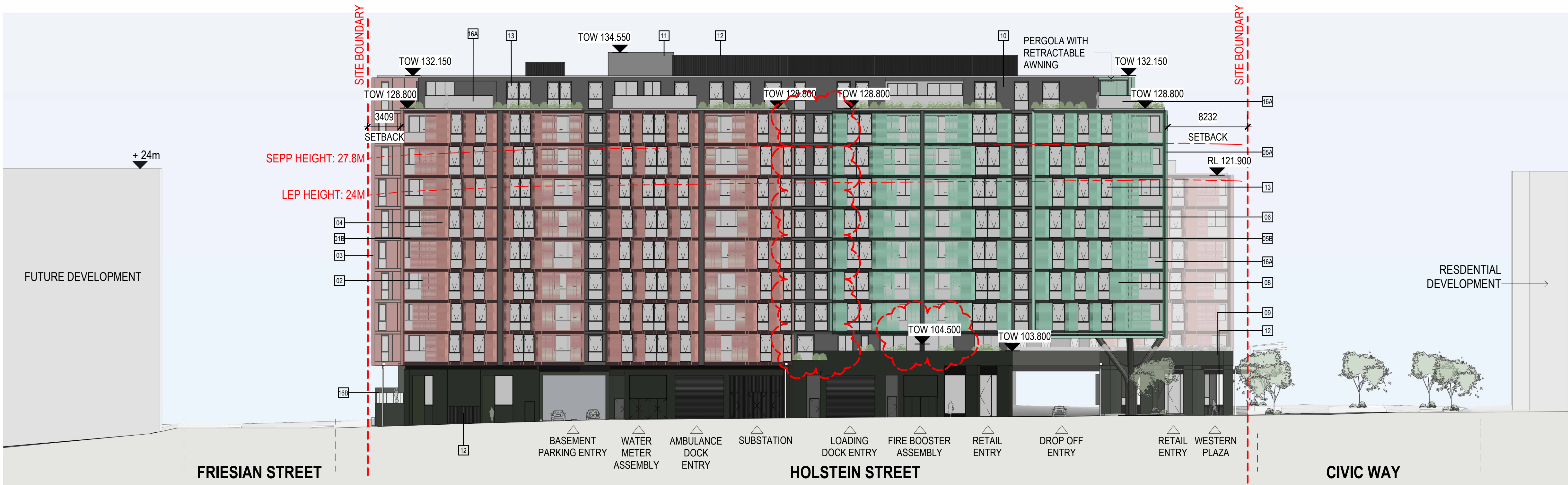
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[Revit]	[Description]	[Date]dd.mm.yy
D	DRAFT DA - REVISED	15.10.2024
1	DA SUBMISSION	22.10.2024
2	DA SUBMISSION	25.10.2024
3	DA SUBMISSION	28.10.2024
4	DA SUBMISSION - RFI AMMENDMENTS	24.01.2024



LEVEL 10	FFL 131.950
LEVEL 9	FFL 128.600
LEVEL 8	FFL 125.250
LEVEL 7	FFL 121.900
LEVEL 6	FFL 118.700
LEVEL 5	FFL 115.500
LEVEL 4	FFL 112.300
LEVEL 3	FFL 109.100
LEVEL 2	FFL 105.900
LEVEL 1	FFL 102.700
GROUND FLOOR	FFL 98.200

1 EAST ELEVATION - SOUTH CURCUIT
1 : 250



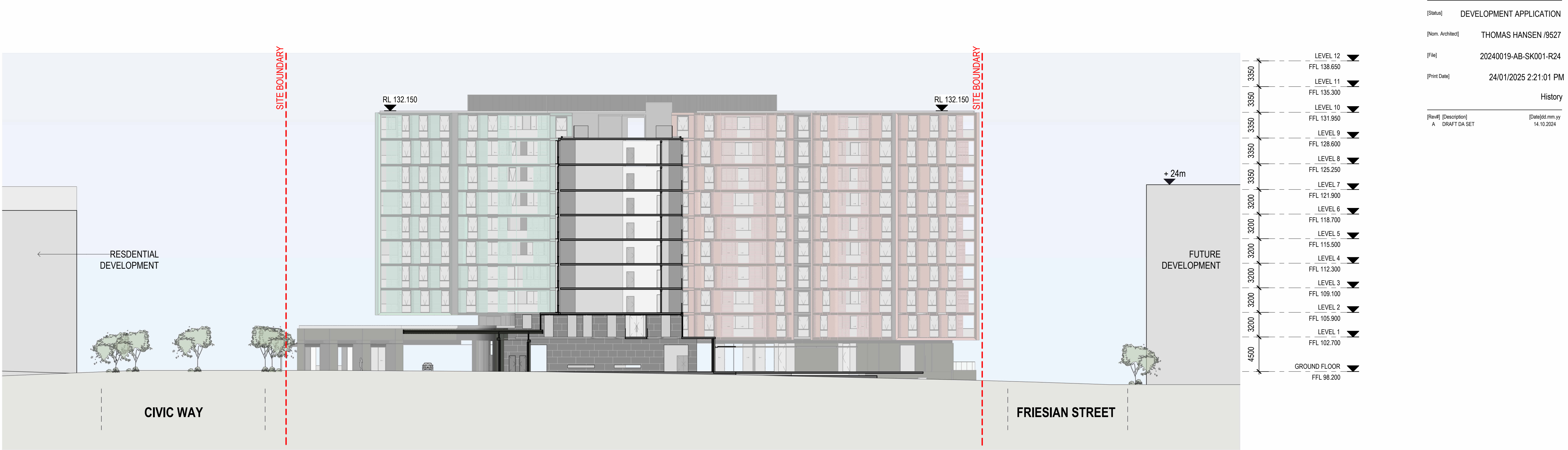
LEVEL 10	FFL 131.950
LEVEL 9	FFL 128.600
LEVEL 8	FFL 125.250
LEVEL 7	FFL 121.900
LEVEL 6	FFL 118.700
LEVEL 5	FFL 115.500
LEVEL 4	FFL 112.300
LEVEL 3	FFL 109.100
LEVEL 2	FFL 105.900
LEVEL 1	FFL 102.700
GROUND FLOOR	FFL 98.200

MATERIALS LEGEND

- 01A - ALUMINIUM - OCHRE
- 01B- ALUMINIUM - DARK OCHRE
- 02- ALUMINIUM SCREENS - OCHRE
- 03- SOLID PANEL - OCHRE
- 04- SOLID GROOVED PANEL - OCHRE
- 05A- ALUMINIUM - GREEN OXIDE
- 05B- ALUMINIUM - DARK GREEN OXIDE
- 06- ALUMINIUM SCREENS - GREEN OXIDE
- 07- SOLID PANEL - GREEN OXIDE
- 08- SOLID GROOVED PANEL - GREEN OXIDE
- 09- DARK BRICKWORK
- 10- DARK METAL CLADDING
- 11- LIGHT METAL CLADDING
- 12- DARK METAL LOUVRE / SCREEN
- 13- CLEAR GLAZING
- 14- CLEAR GLAZING - SPANDREL PANEL
- 15- METAL SLATTED BALUSTRADE
- 16A- FRAMELESS GLASS BALUSTRADE
- 16B- GLASS AND METAL BALUSTRADE
- 17- DARK METAL AWNING WITH GLAZED INFILL PANELS
- 18- GLAZED AWNING / ROOF
- 19- DARK METAL PRIVACY SHROUD / FINS

Refer to DA77-001 External Materials and Finishes Schedule for more information

2 WEST ELEVATION - HOLSTEIN STREET
1 : 250



1 EAST ELEVATION - INTERNAL
1 : 250



2 WEST ELEVATION - INTERNAL
1 : 250

MATERIALS LEGEND

- 01A - ALUMINIUM - OCHRE
- 01B- ALUMINIUM - DARK OCHRE
- 02- ALUMINIUM SCREENS - OCHRE
- 03- SOLID PANEL - OCHRE
- 04- SOLID GROOVED PANEL - OCHRE
- 05A- ALUMINIUM - GREEN OXIDE
- 05B- ALUMINIUM - DARK GREEN OXIDE
- 06- ALUMINIUM SCREENS - GREEN OXIDE
- 07- SOLID PANEL - GREEN OXIDE
- 08- SOLID GROOVED PANEL - GREEN OXIDE
- 09- DARK BRICKWORK
- 10- DARK METAL CLADDING
- 11- LIGHT METAL CLADDING
- 12- DARK METAL LOUVRE / SCREEN
- 13- CLEAR GLAZING
- 14 - CLEAR GLAZING - SPANDREL PANEL
- 15- METAL SLATTED BALUSTRADE
- 16A- FRAMELESS GLASS BALUSTRADE
- 16B- GLASS AND METAL BALUSTRADE
- 17- DARK METAL AWNING WITH GLAZED INFILL PANELS
- 18- GLAZED AWNING / ROOF
- 19- DARK METAL PRIVACY SHROUD / FINS

Refer to DA77_001 External Materials and Finishes Schedule for more information

ELEVATIONS - SHEET 3



1 EAST-WEST SECTION 01
1 : 250



2 EAST-WEST SECTION 02
1 : 250

[Rev#]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
C	DRAFT DA SET	14.10.2024
1	DA SUBMISSION	22.10.2024
2	DA SUBMISSION	25.10.2024

COLOUR LEGEND

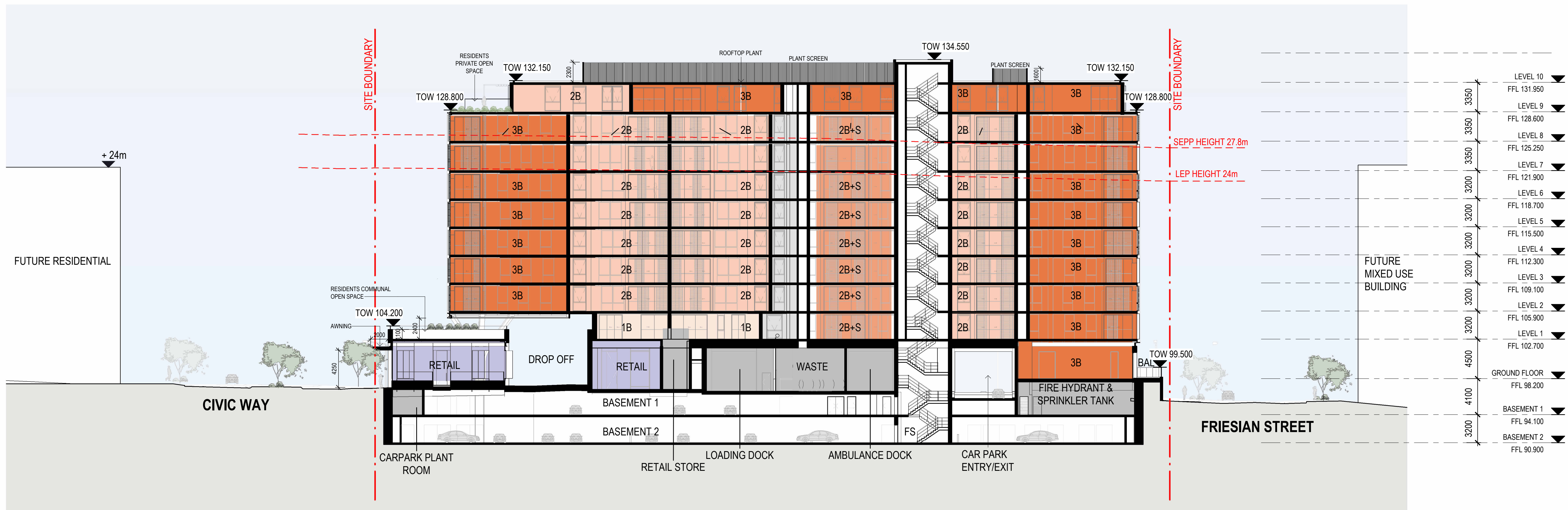
- RETAIL / COMMERCIAL TENANCIES
- WELLNESS SERVICES
- ARRIVAL LOBBY
- RESIDENTS COMMUNAL SPACES
- ADMINISTRATION
- BACK OF HOUSE / ANCILLARY SPACES
- CIRCULATION

RESIDENTIAL UNITS

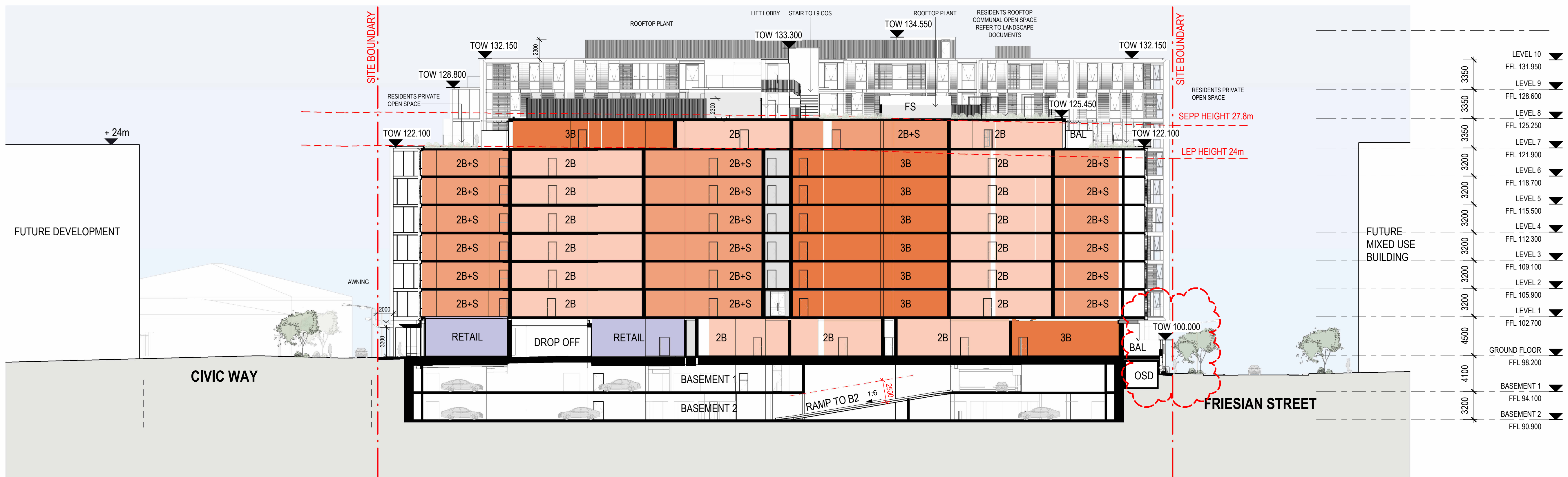
- BALCONY
- 1 BEDROOM, ASSISTED LIVING
- 1 BEDROOM
- 2 BEDROOM
- 2 BEDROOM + STUDY
- 3 BEDROOM

History

[Revit]	[Description]	[Date]dd.mm.yy
C	DRAFT DA SET	14.10.2024
1	DA SUBMISSION	22.10.2024
2	DA SUBMISSION	25.10.2024
3	DA SUBMISSION	28.10.2024
4	DA SUBMISSION - RFI AMMENDMENTS	24.01.2024



1 NORTH-SOUTH SECTION 01
1 : 250



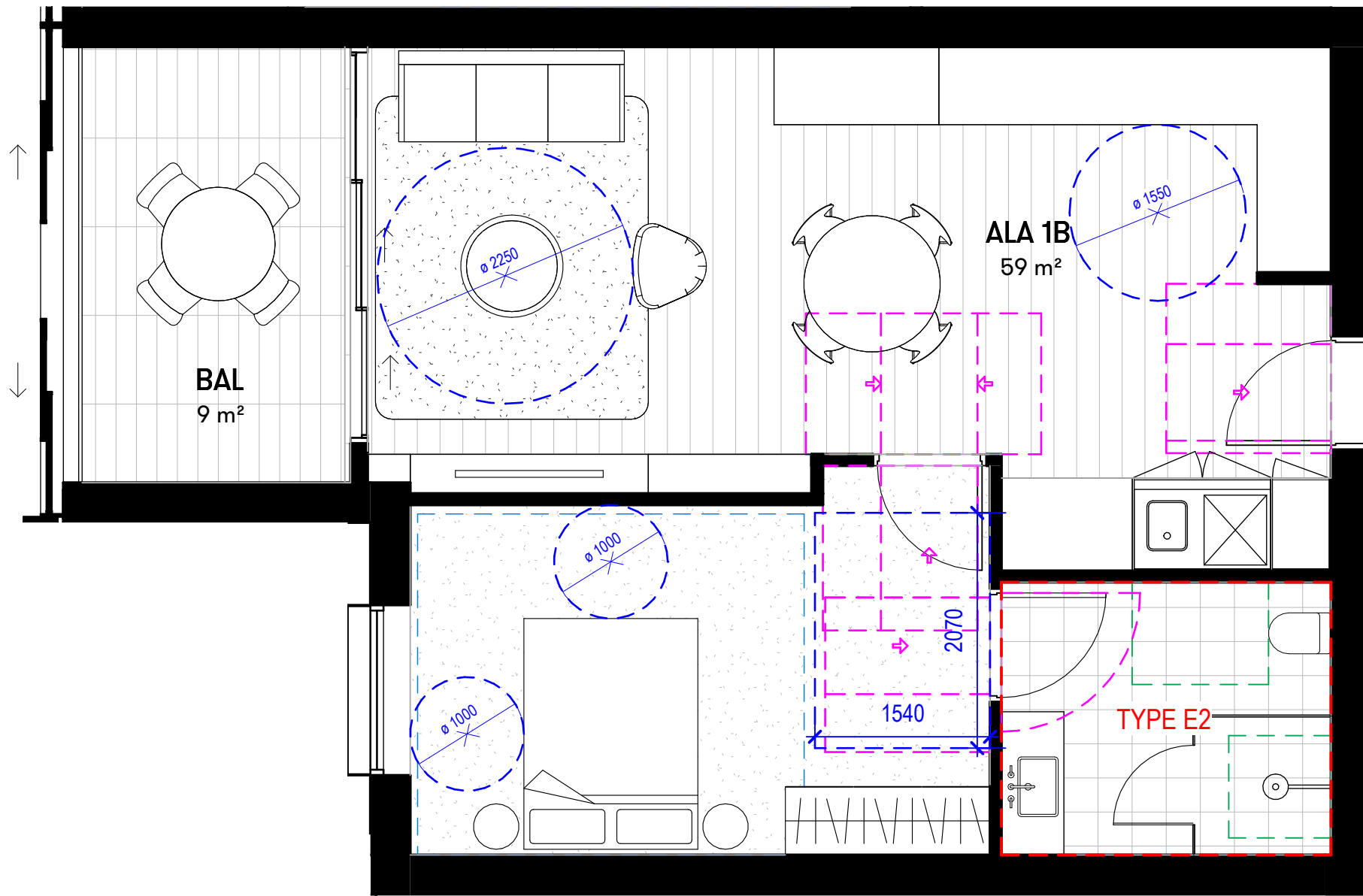
2 NORTH-SOUTH SECTION 02
1 : 250

COLOUR LEGEND

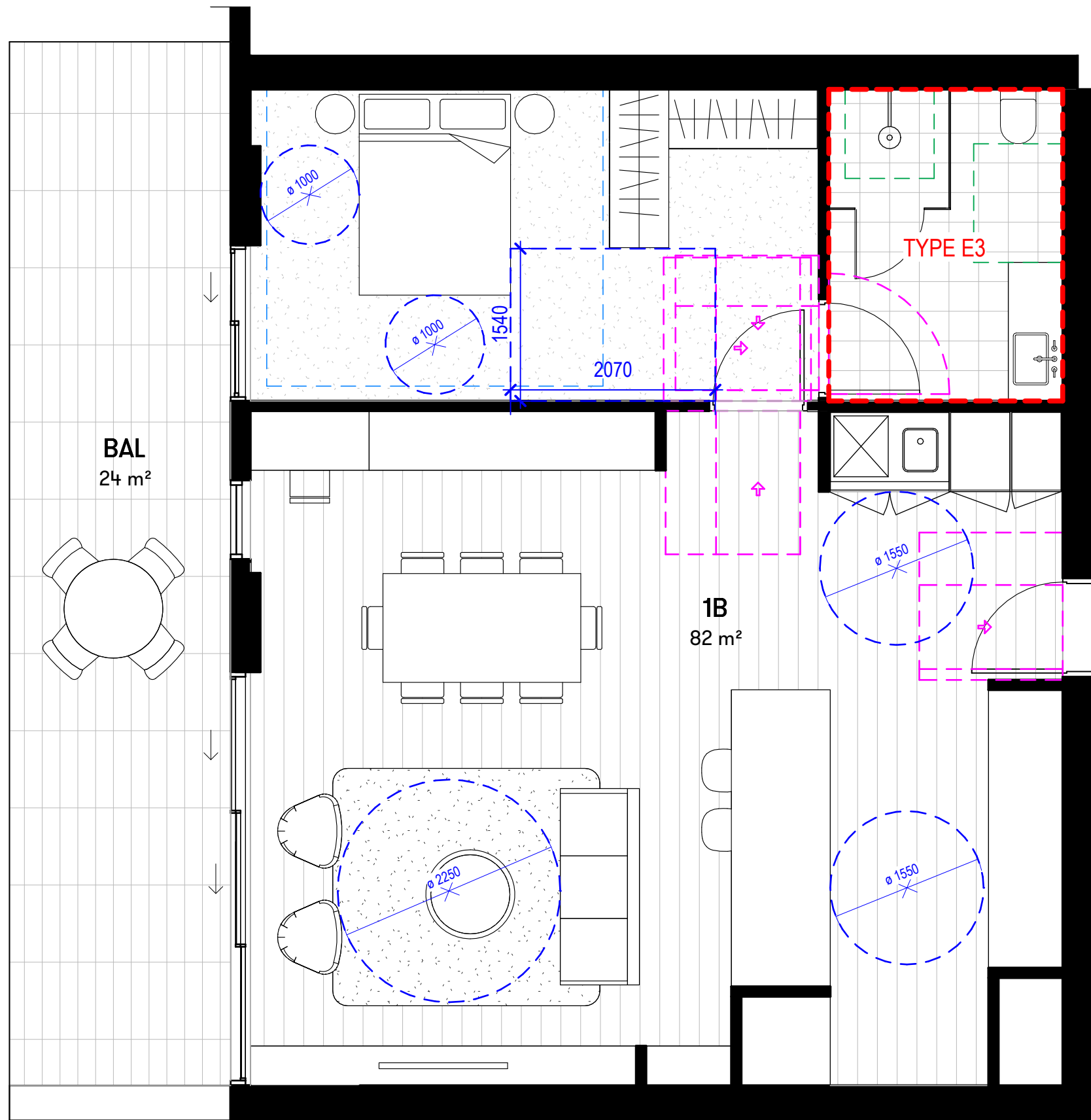
- RETAIL / COMMERCIAL TENANCIES
- WELLNESS SERVICES
- ARRIVAL LOBBY
- RESIDENTS COMMUNAL SPACES
- ADMINISTRATION
- BACK OF HOUSE / ANCILLARY SPACES
- CIRCULATION

RESIDENTIAL UNITS

- BALCONY
- 1 BEDROOM, ASSISTED LIVING
- 1 BEDROOM
- 2 BEDROOM
- 2 BEDROOM + STUDY
- 3 BEDROOM



1 1B UNIT - TYPE A
1 : 50



2 1B UNIT - TYPE B
1 : 50

[Status] DEVELOPMENT APPLICATION

[Nom. Architect] THOMAS HANSEN /9527

[File] 20240019-AB-SK001-R24

[Print Date] 24/01/2025 1:18:59 PM

History

[Rev#]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024

1B & 1B+S UNIT TYPES	
TYPE	COUNT
1B - TYPE A	14
1B - TYPE B	1
1B - TYPE C	1
1B - TYPE D	2

Grand total: 18

UNIT LEGEND

 ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE
REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES

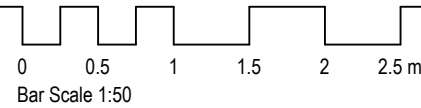
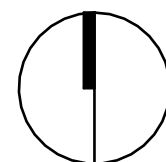
 CLEARANCES FOR ACCESSIBILITY COMPLIANCE TO AS1428.1.
REFER TO ACCESS REPORT

 DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE

 MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES

 MINIMUM BEDROOM SIZE TO ADG

 CROSS VENTILATION

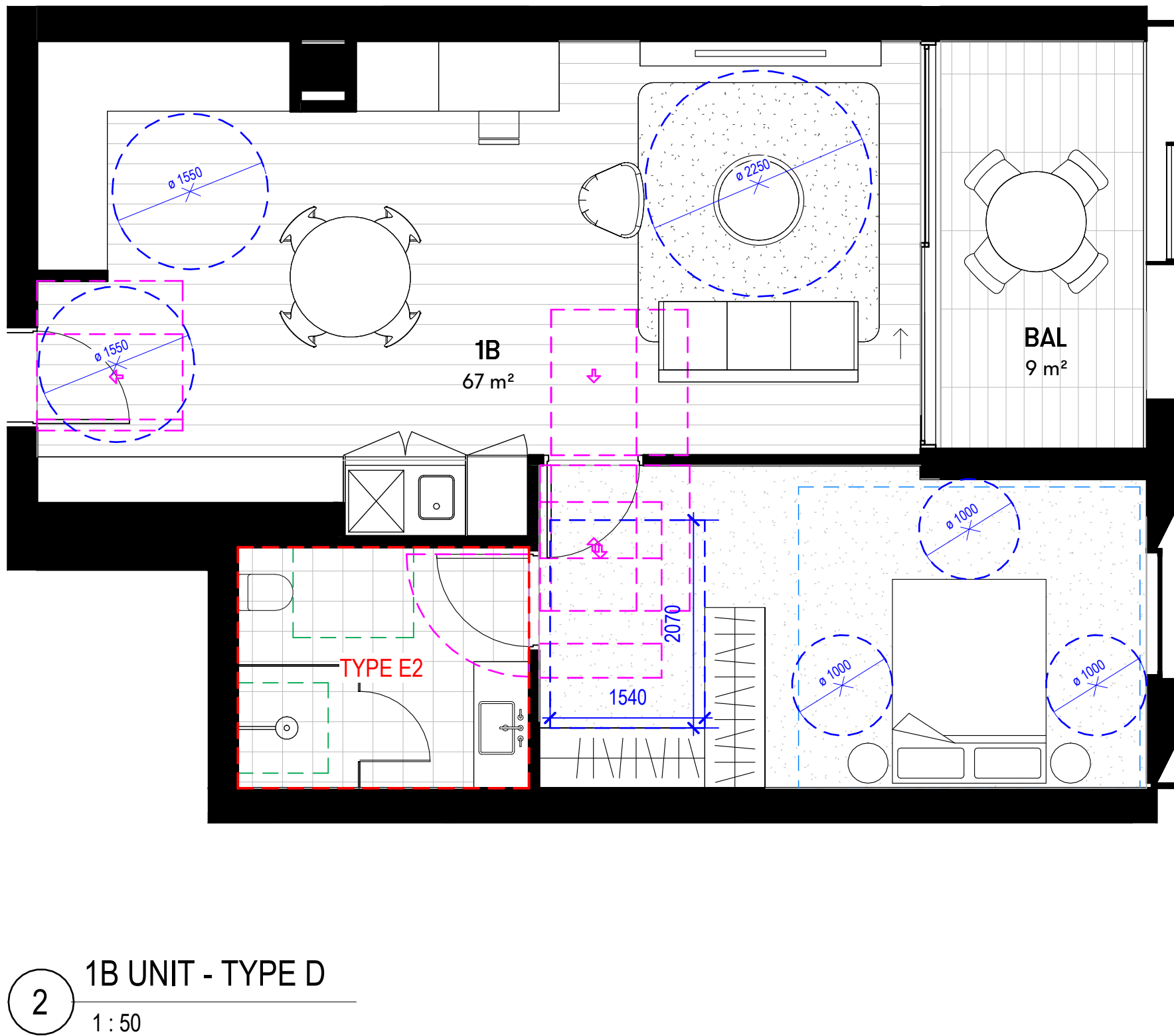
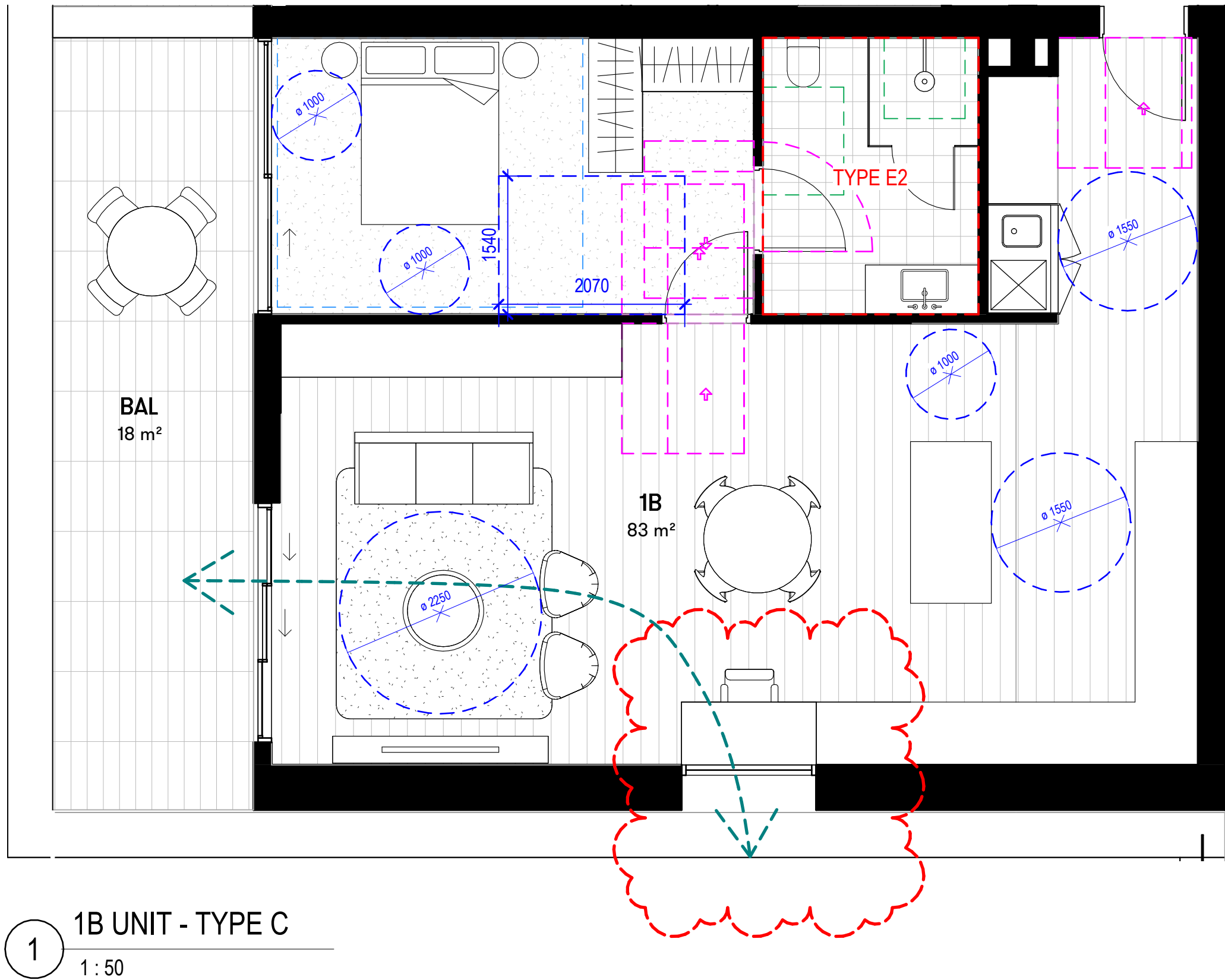


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[Ref] 20240019

[Dwg No] AD-DA60_101

[Rev] 1



[Revit]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024
2	DA SUBMISSION - RFI AMMENDMENTS	24.01.2024

1B & 1B+S UNIT TYPES	
TYPE	COUNT
1B - TYPE A	14
1B - TYPE B	1
1B - TYPE C	1
1B - TYPE D	2
Grand total: 18	

UNIT LEGEND

ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES

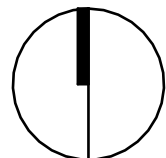
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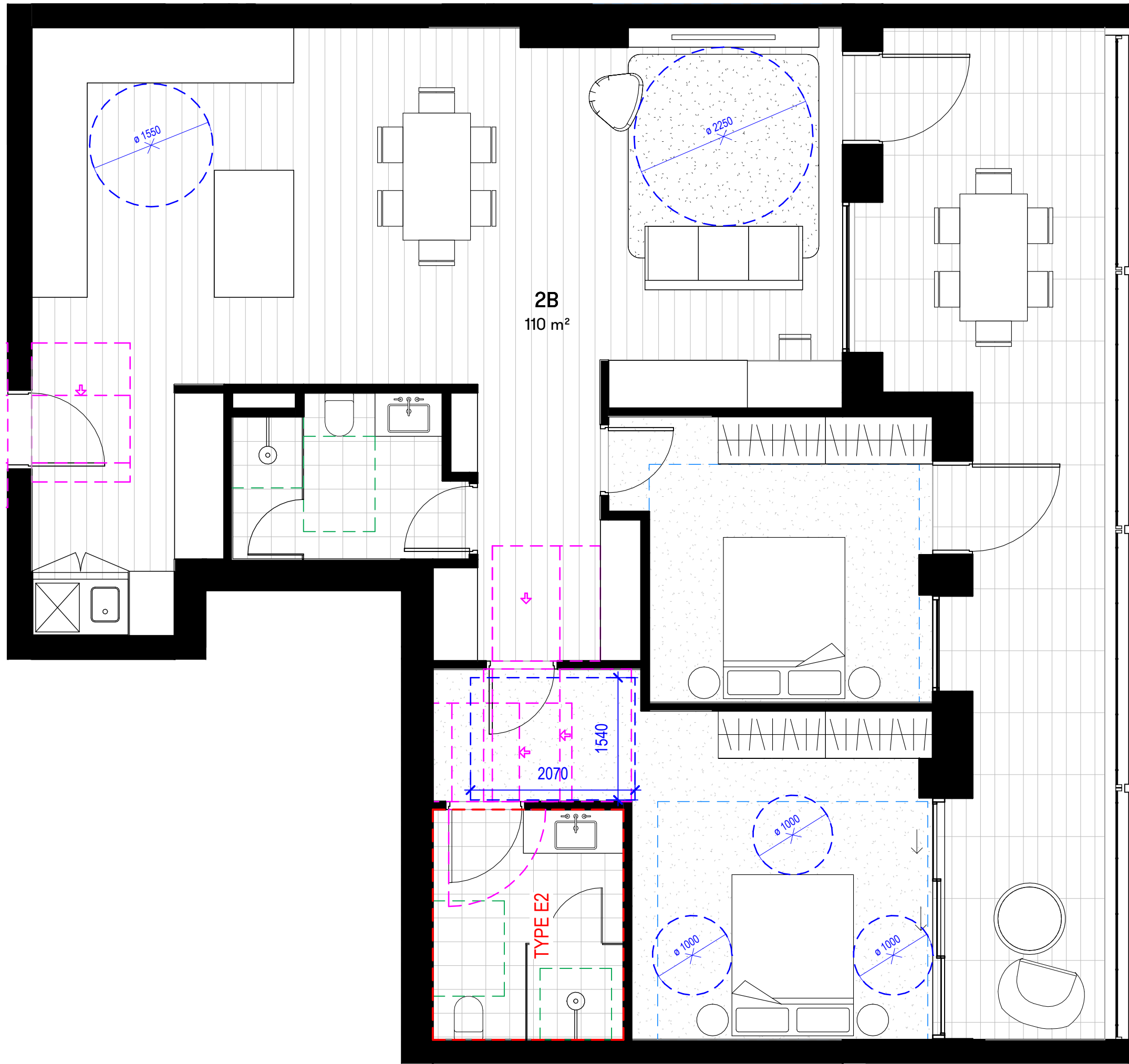
DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE

MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES

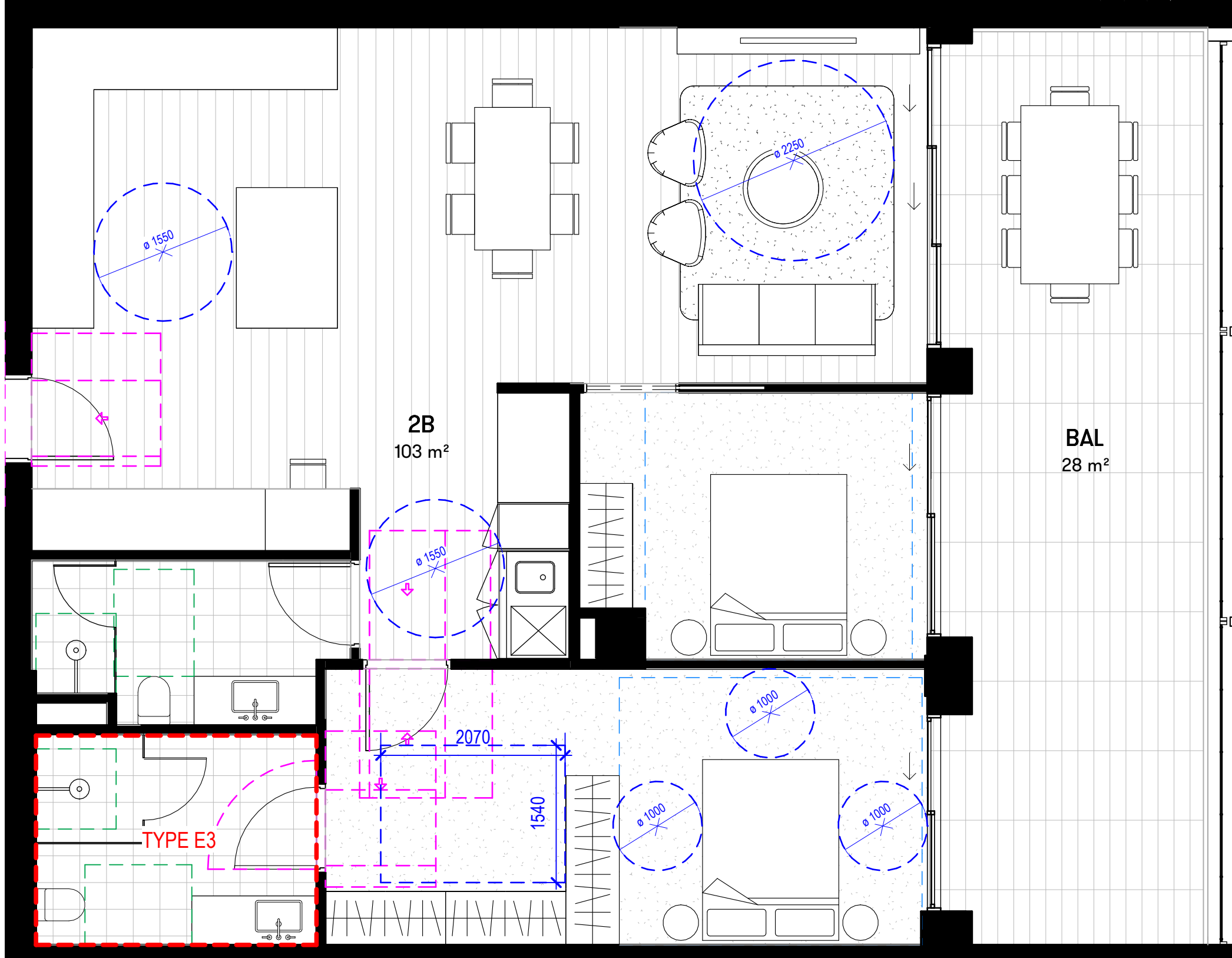
MINIMUM BEDROOM SIZE TO ADG

CROSS VENTILATION





1 2B UNIT - TYPE C
1 : 50



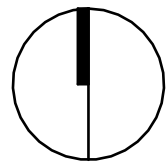
2 2B UNIT - TYPE D
1 : 50

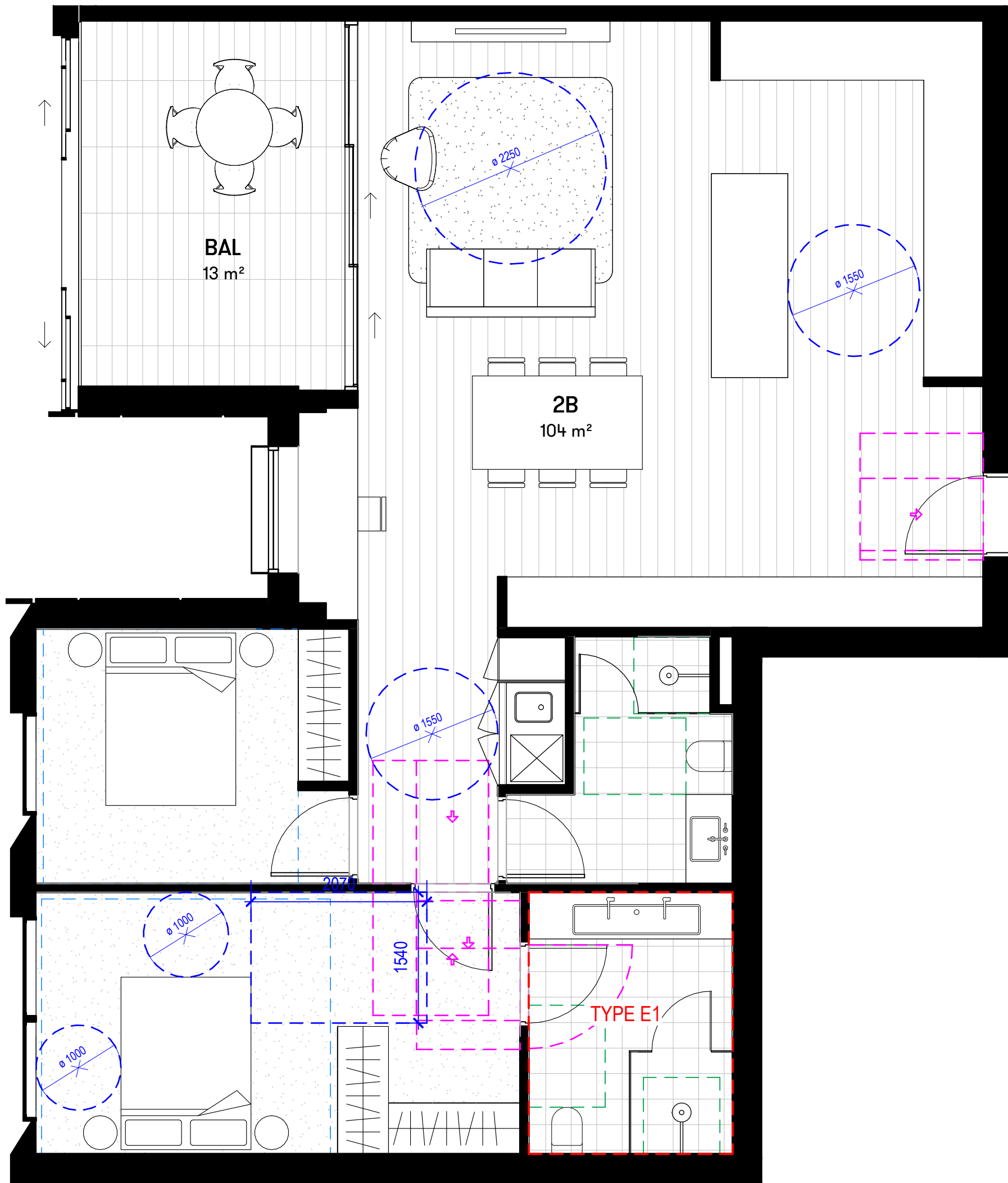
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[Nom. Architect]	THOMAS HANSEN /9527		
[File]	20240019-AB-SK001-R24		
[Print Date]	24/01/2025 2:11:59 PM		
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A	DRAFT DA SET	13.09.2024	
B	DRAFT DA SET	04.10.2024	
1	DA SUBMISSION	22.10.2024	

2B UNIT TYPES	
TYPE	COUNT
2B - TYPE A	1
2B - TYPE B	1
2B - TYPE C	1
2B - TYPE D1	1
2B - TYPE D2	1
2B - TYPE E	8
2B - TYPE F	6
2B - TYPE G	1
2B - TYPE H1	7
2B - TYPE H2	7
2B - TYPE I	6
2B - TYPE J	1
2B - TYPE K	1
2B - TYPE L	1
Grand total: 43	

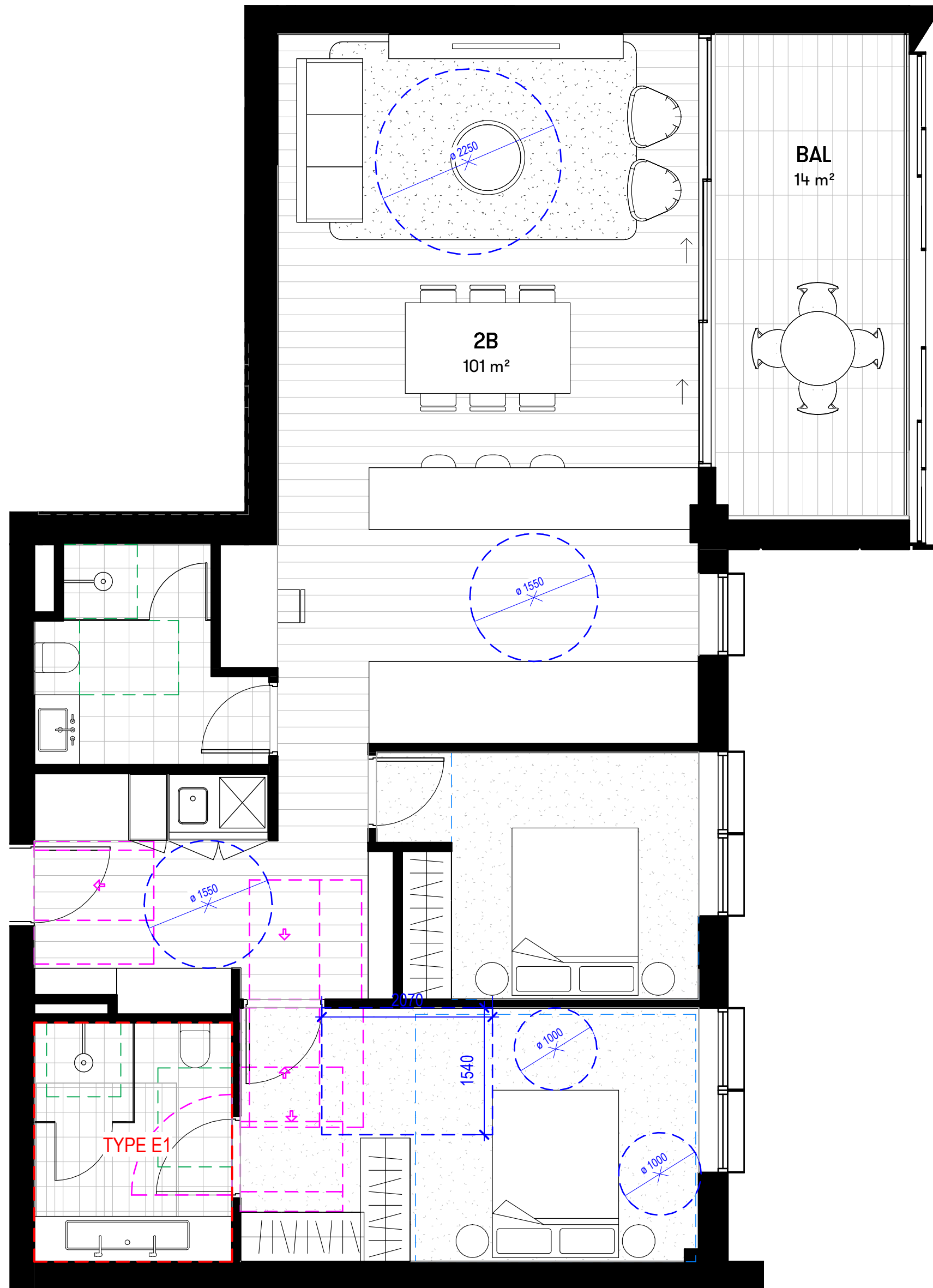
UNIT LEGEND

- ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE
REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES
- CLEARANCES FOR ACCESSIBILITY COMPLIANCE TO AS1428.1.
REFER TO ACCESS REPORT
- DOOR CLEARANCE TO AS1428.1 FOR DOORS
REQUIRED TO BE ACCESSIBLE
- MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES
- MINIMUM BEDROOM SIZE TO ADG
- CROSS VENTILATION





1 2B UNIT - TYPE E
1 : 50



2 2B - UNIT TYPE F
1 : 50

[Status] DEVELOPMENT APPLICATION

[Nom. Architect] THOMAS HANSEN /9527

[File] 20240019-AB-SK001-R24

[Print Date] 24/01/2025 2:12:04 PM

History

[Rev#]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024

2B UNIT TYPES	
TYPE	COUNT
2B - TYPE A	1
2B - TYPE B	1
2B - TYPE C	1
2B - TYPE D1	1
2B - TYPE D2	1
2B - TYPE E	8
2B - TYPE F	6
2B - TYPE G	1
2B - TYPE H1	7
2B - TYPE H2	7
2B - TYPE I	6
2B - TYPE J	1
2B - TYPE K	1
2B - TYPE L	1
Grand total: 43	

UNIT LEGEND

 ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES

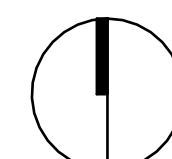
 CLEARANCES FOR ACCESSIBILITY COMPLIANCE TO AS1428.1. REFER TO ACCESS REPORT

 DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE

 MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES

 MINIMUM BEDROOM SIZE TO ADG

 CROSS VENTILATION



History

[Rev#]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024
2	DA SUBMISSION	25.10.2024
3	DA SUBMISSION - RFI AMMENDMENTS	24.01.2024

2B UNIT TYPES	
TYPE	COUNT

2B - TYPE A	1
2B - TYPE B	1
2B - TYPE C	1
2B - TYPE D1	1
2B - TYPE D2	1
2B - TYPE E	8
2B - TYPE F	6
2B - TYPE G	1
2B - TYPE H1	7
2B - TYPE H2	7
2B - TYPE I	6
2B - TYPE J	1
2B - TYPE K	1
2B - TYPE L	1

Grand total: 43

UNIT LEGEND

[Red dashed line] ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES

[Blue dashed line] CLEARANCES FOR ACCESSIBILITY COMPLIANCE TO AS1428.1. REFER TO ACCESS REPORT

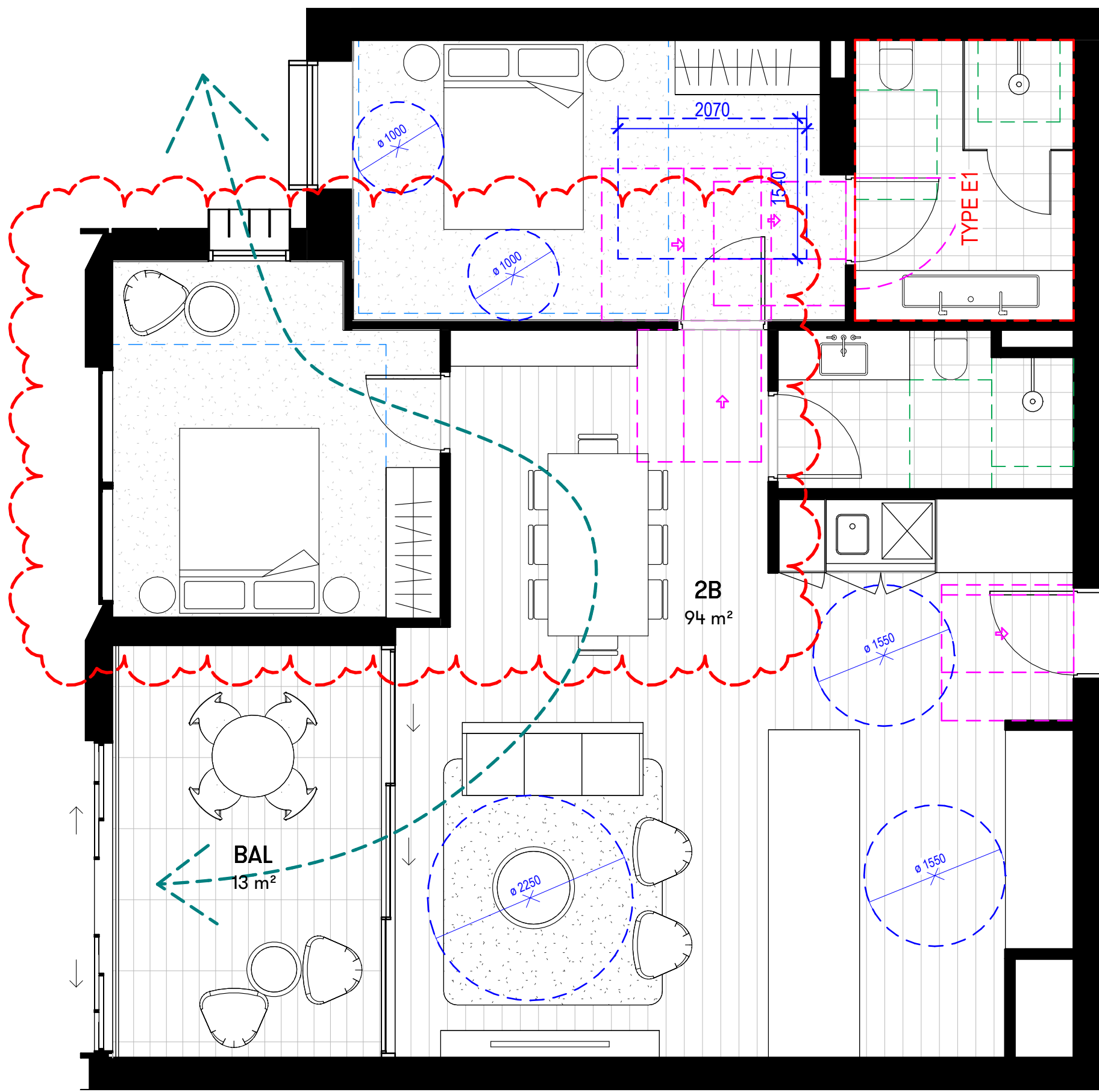
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[Green dashed line] MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES

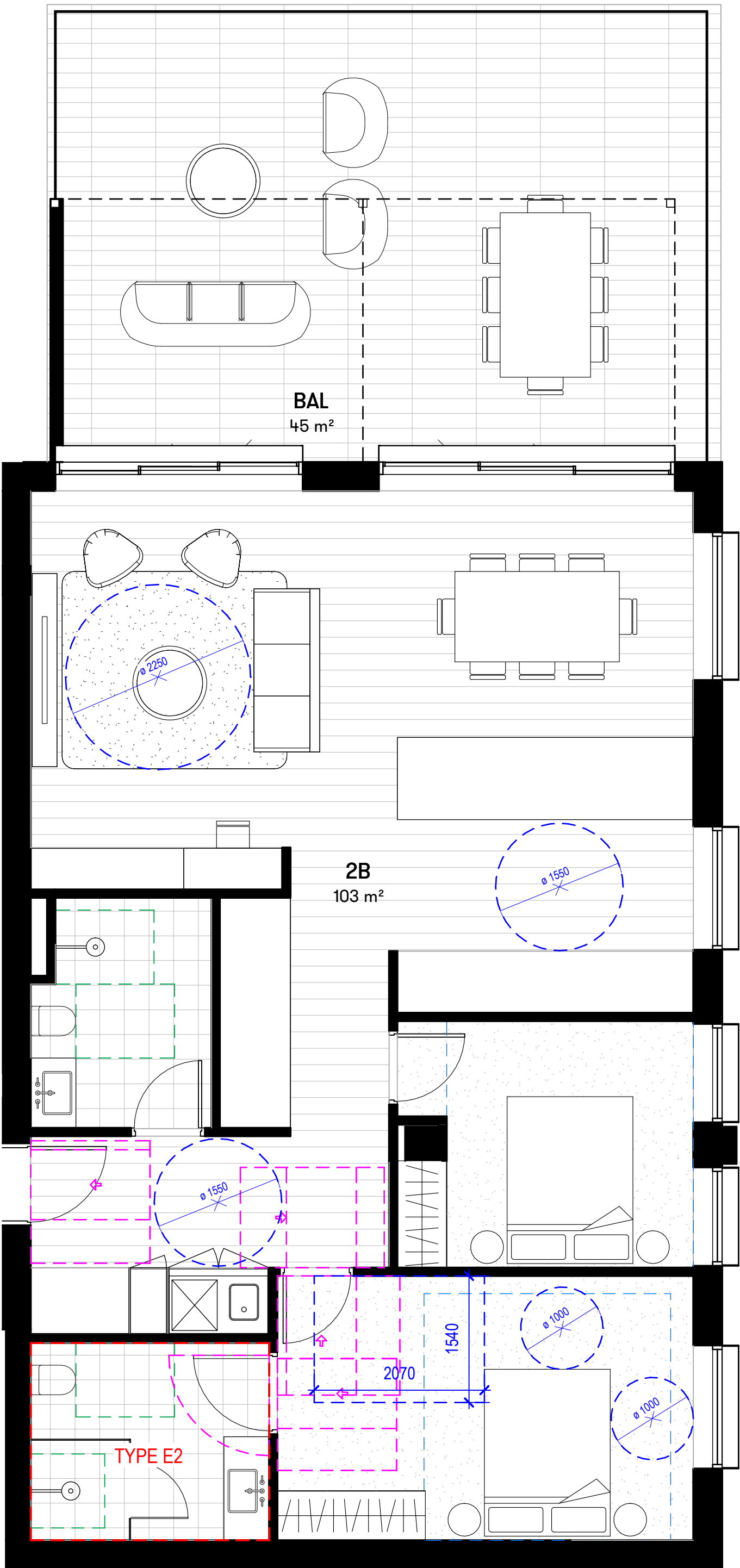
[Blue dashed line] MINIMUM BEDROOM SIZE TO ADG

[Teal dashed line] CROSS VENTILATION

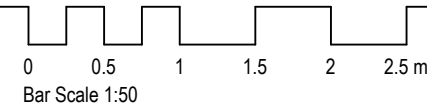
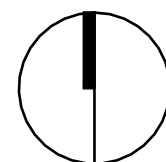
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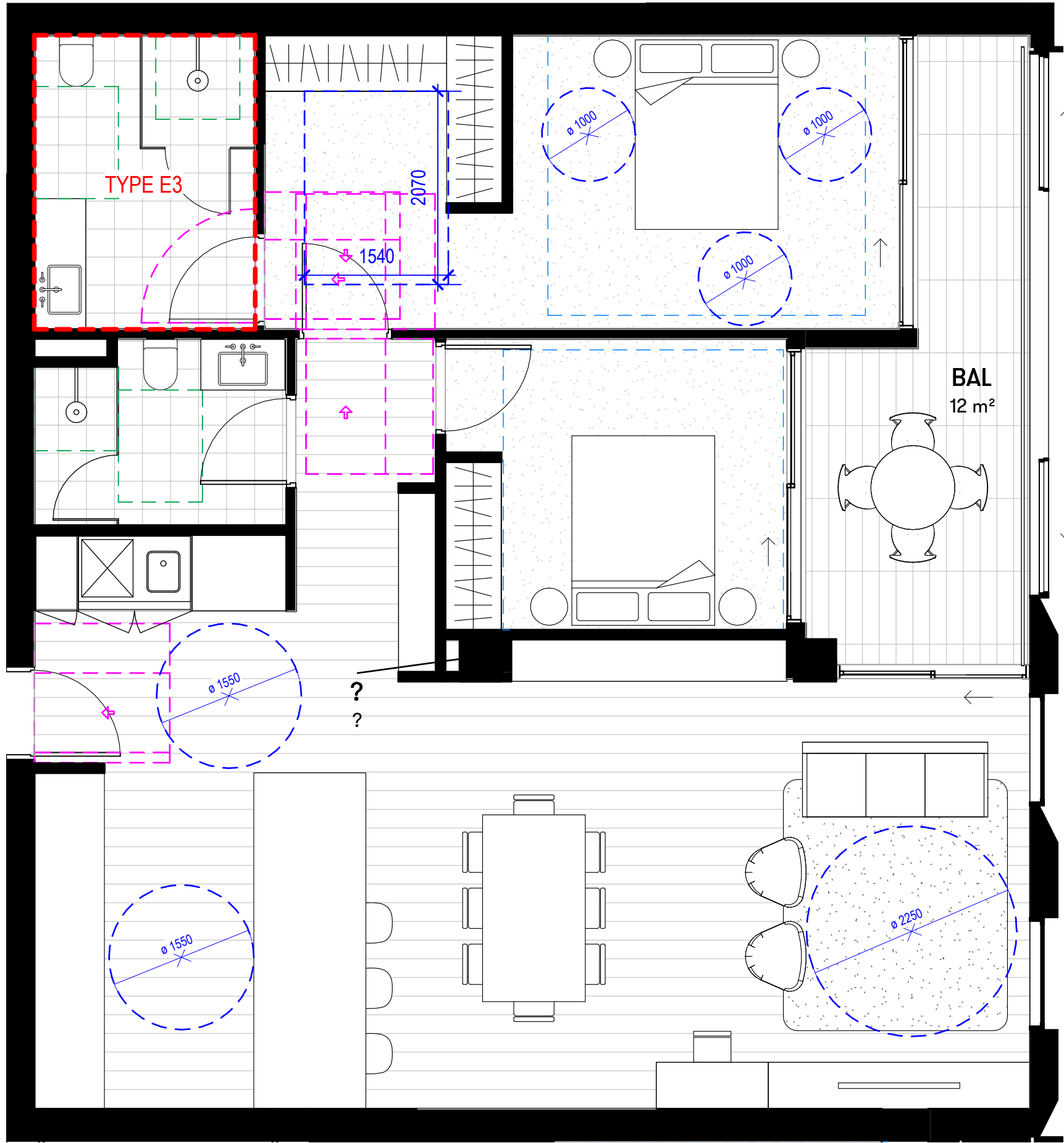


2 2B UNIT - TYPE H
1 : 50

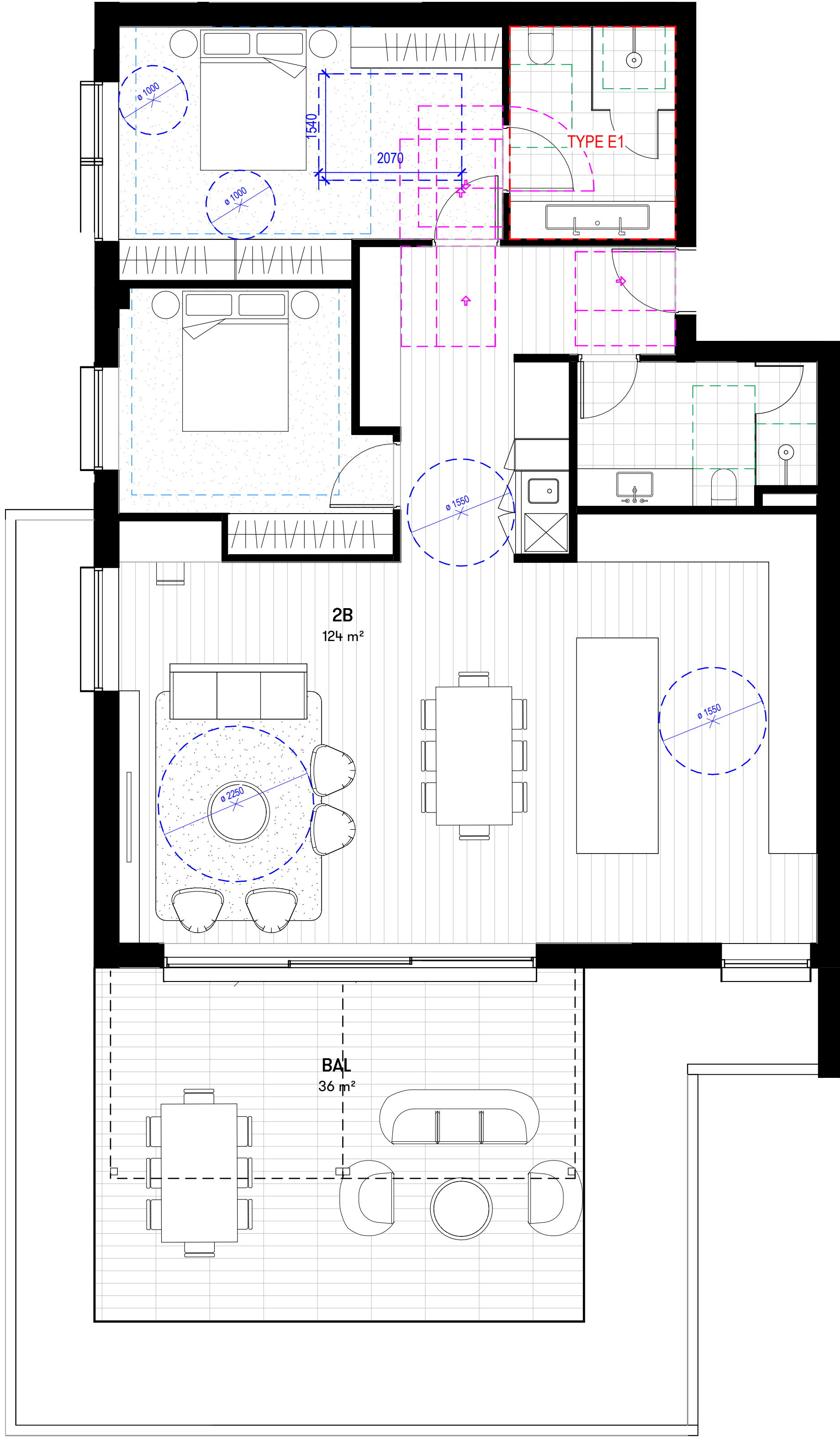


1 2B UNIT - TYPE G
1 : 50





1 2B UNIT - TYPE I
1:50



2 2B UNIT - TYPE J
1:50

[Status] DEVELOPMENT APPLICATION

[Nom. Architect] THOMAS HANSEN /9527

[File] 20240019-AB-SK001-R24

[Print Date] 24/01/2025 2:14:17 PM

History

[Revit]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024

2B UNIT TYPES	
TYPE	COUNT
2B - TYPE A	1
2B - TYPE B	1
2B - TYPE C	1
2B - TYPE D1	1
2B - TYPE D2	1
2B - TYPE E	8
2B - TYPE F	6
2B - TYPE G	1
2B - TYPE H1	7
2B - TYPE H2	7
2B - TYPE I	6
2B - TYPE J	1
2B - TYPE K	1
2B - TYPE L	1
Grand total: 43	

UNIT LEGEND

 ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE
REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES

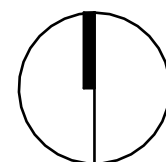
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REFER TO ACCESS REPORT

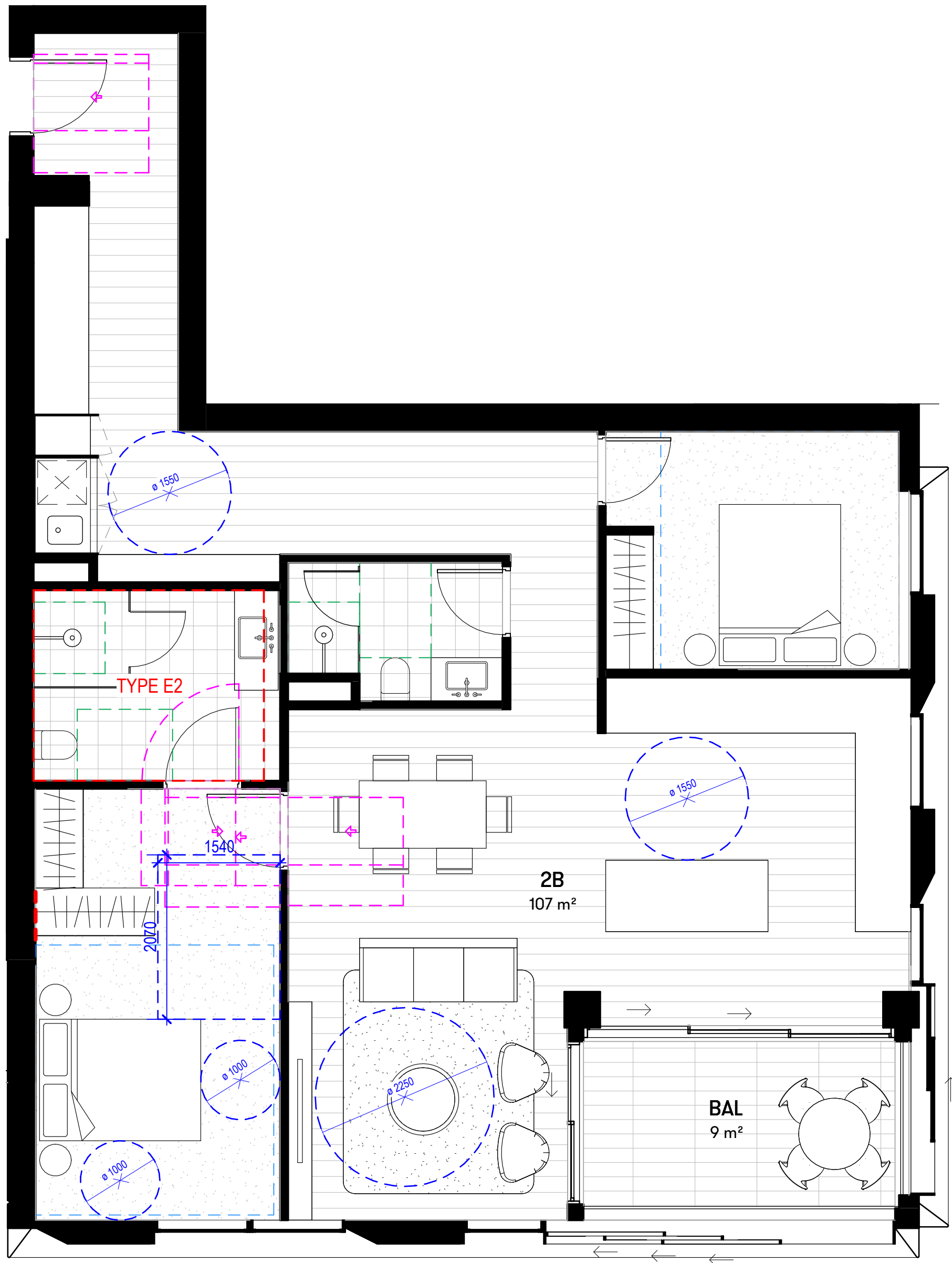
 DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE

 MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES

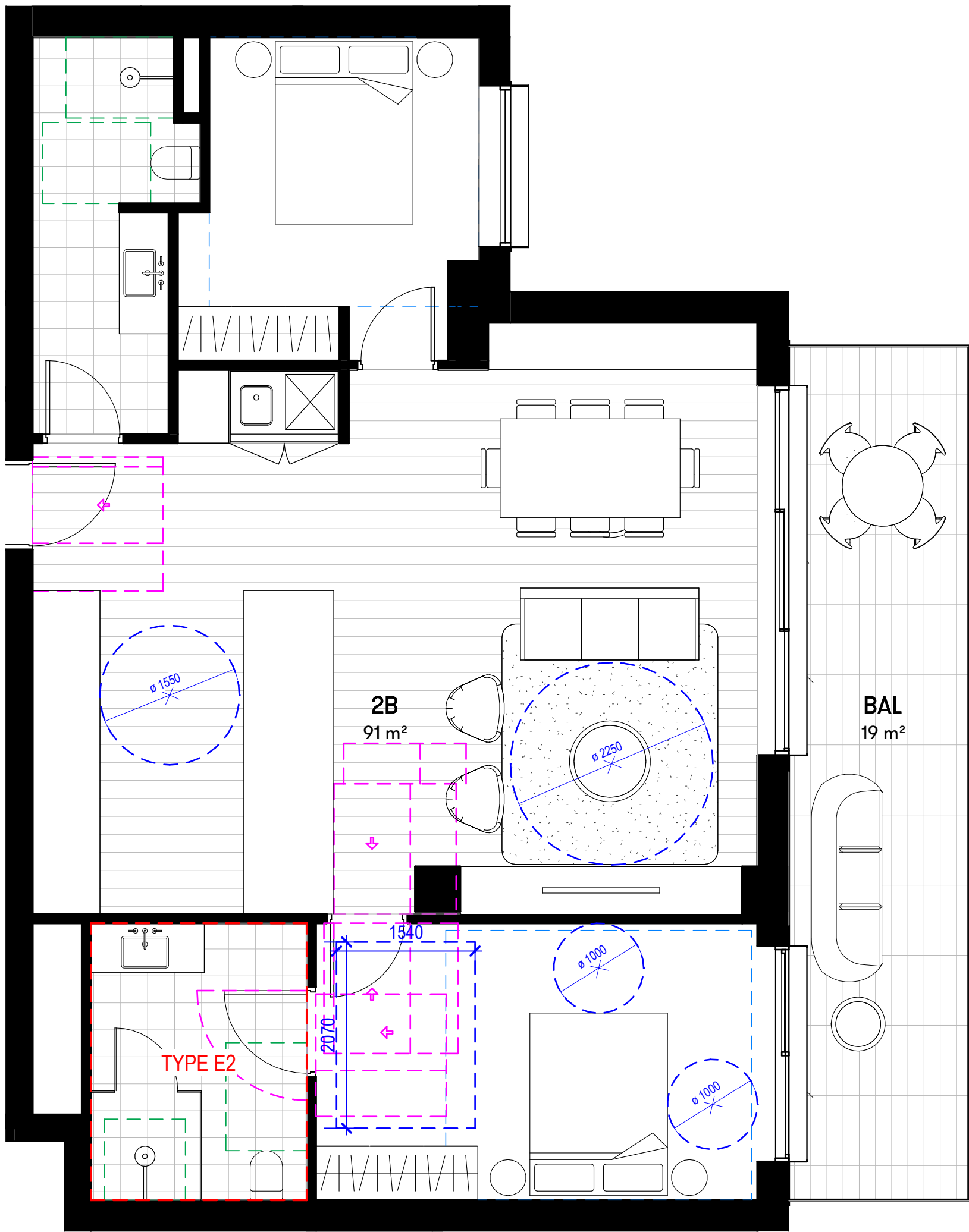
 MINIMUM BEDROOM SIZE TO ADG

 CROSS VENTILATION





1 2B UNIT - TYPE K
1 : 50



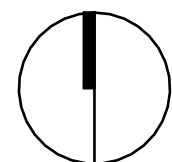
2 2B UNIT - TYPE L
1 : 50

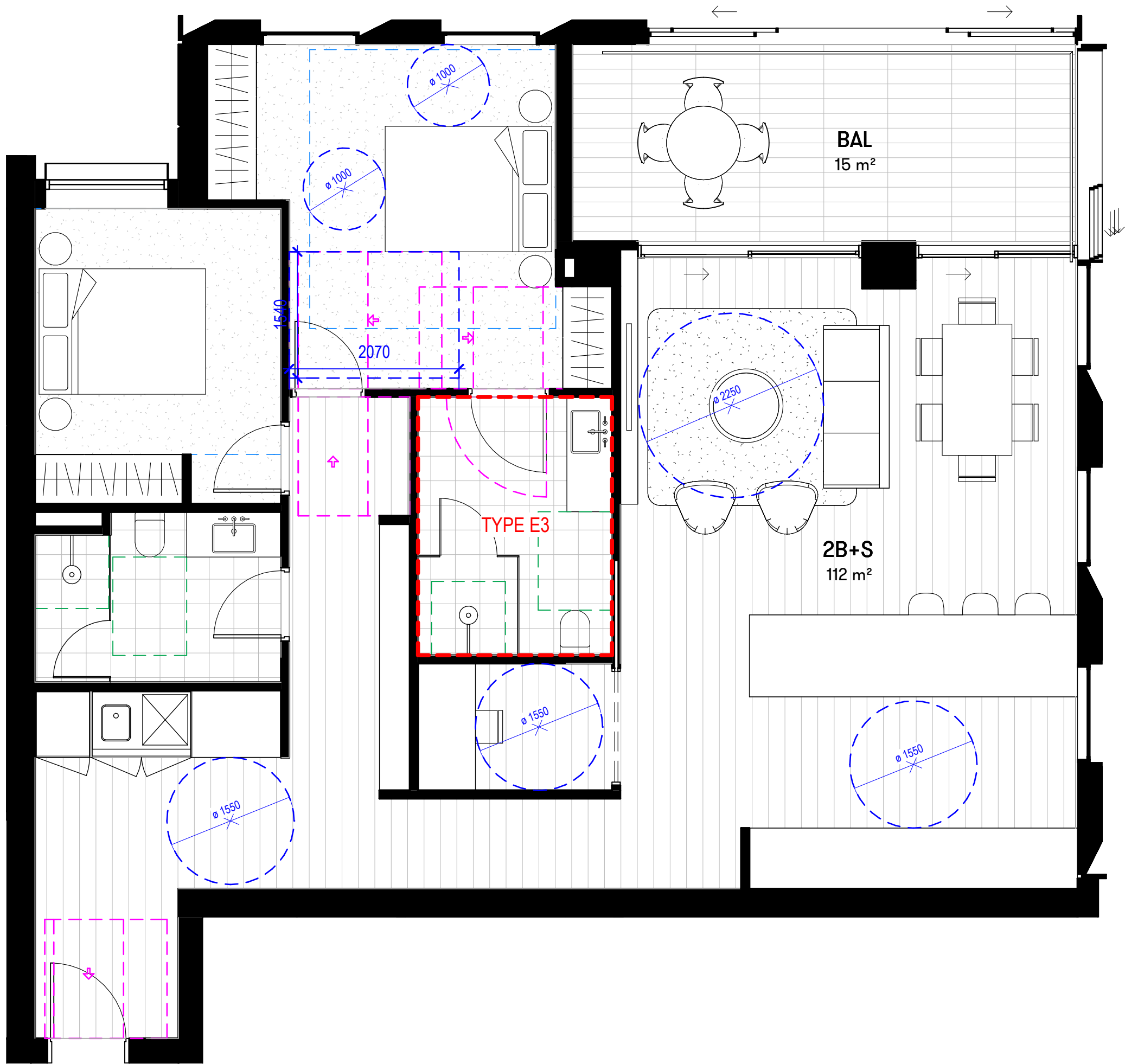
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[Nom. Architect]	THOMAS HANSEN /9527	
[File]	20240019-AB-SK001-R24	
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A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024

2B UNIT TYPES	
TYPE	COUNT
2B - TYPE A	1
2B - TYPE B	1
2B - TYPE C	1
2B - TYPE D1	1
2B - TYPE D2	1
2B - TYPE E	8
2B - TYPE F	6
2B - TYPE G	1
2B - TYPE H1	7
2B - TYPE H2	7
2B - TYPE I	6
2B - TYPE J	1
2B - TYPE K	1
2B - TYPE L	1
Grand total: 43	

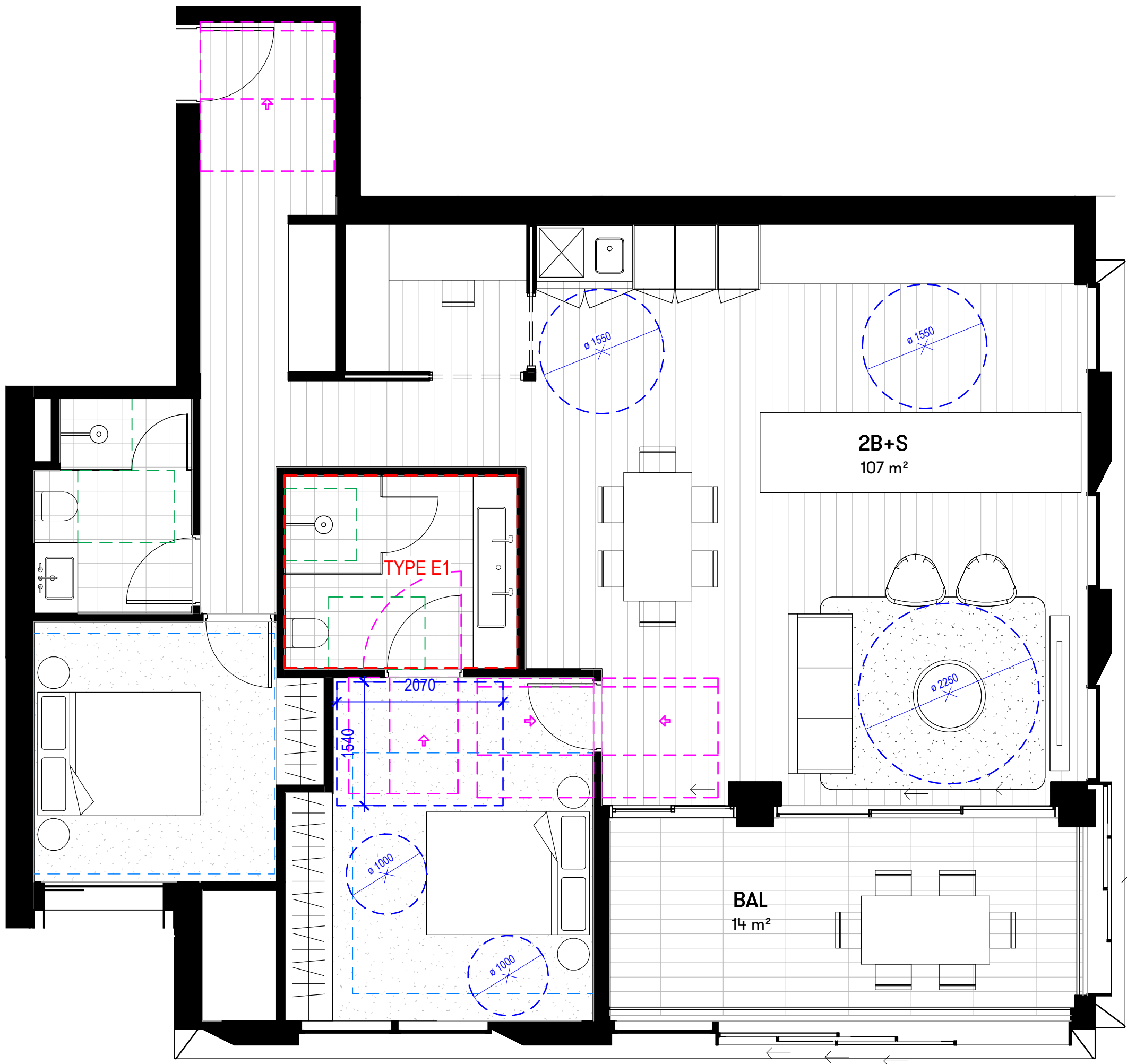
UNIT LEGEND

- ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES
- CLEARANCES FOR ACCESSIBILITY COMPLIANCE TO AS1428.1. REFER TO ACCESS REPORT
- DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE
- MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES
- MINIMUM BEDROOM SIZE TO ADG
- CROSS VENTILATION





1 2B+S UNIT - TYPE A
1:50



2 2B+S UNIT - TYPE B
1:50

[Status]	DEVELOPMENT APPLICATION	
[Nom. Architect]	THOMAS HANSEN /9527	
[File]	20240019-AB-SK001-R24	
[Print Date]	24/01/2025 2:13:55 PM	
History		
[Rev#]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024

2B+S UNIT TYPES	
TYPES	COUNT

2B+S - TYPE A	6
2B+S - TYPE B1	2
2B+S - TYPE B2	6
2B+S - TYPE C	9
2B+S - TYPE D	6
2B+S - TYPE E	9
2B+S - TYPE F	5
2B+S - TYPE G	1
2B+S - TYPE H	8
2B+S - TYPE I	6

Grand total: 58

UNIT LEGEND

 ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE
REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES

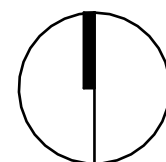
 CLEARANCES FOR ACCESSIBILITY COMPLIANCE TO AS1428.1.
REFER TO ACCESS REPORT

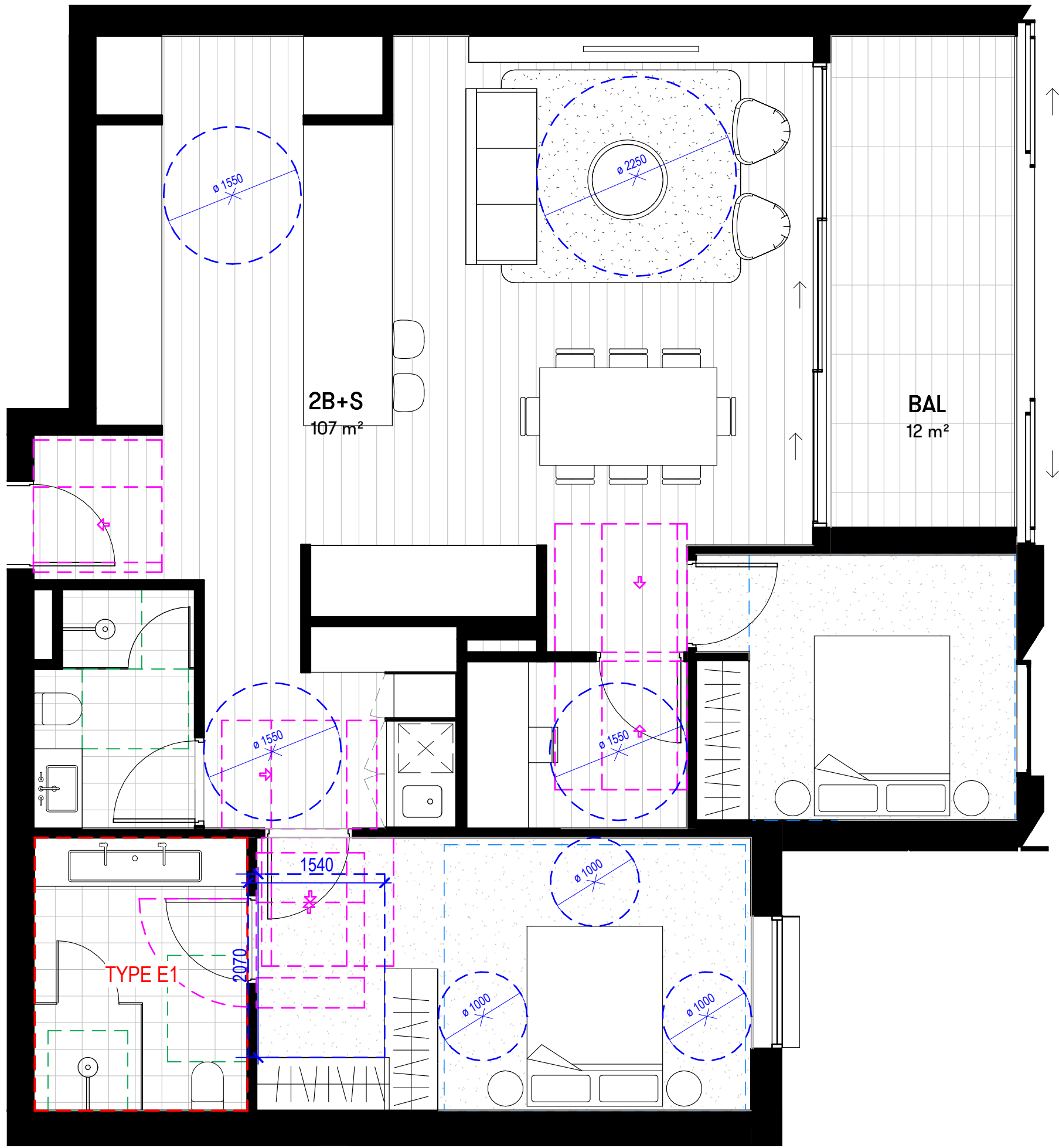
 DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE

 MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES

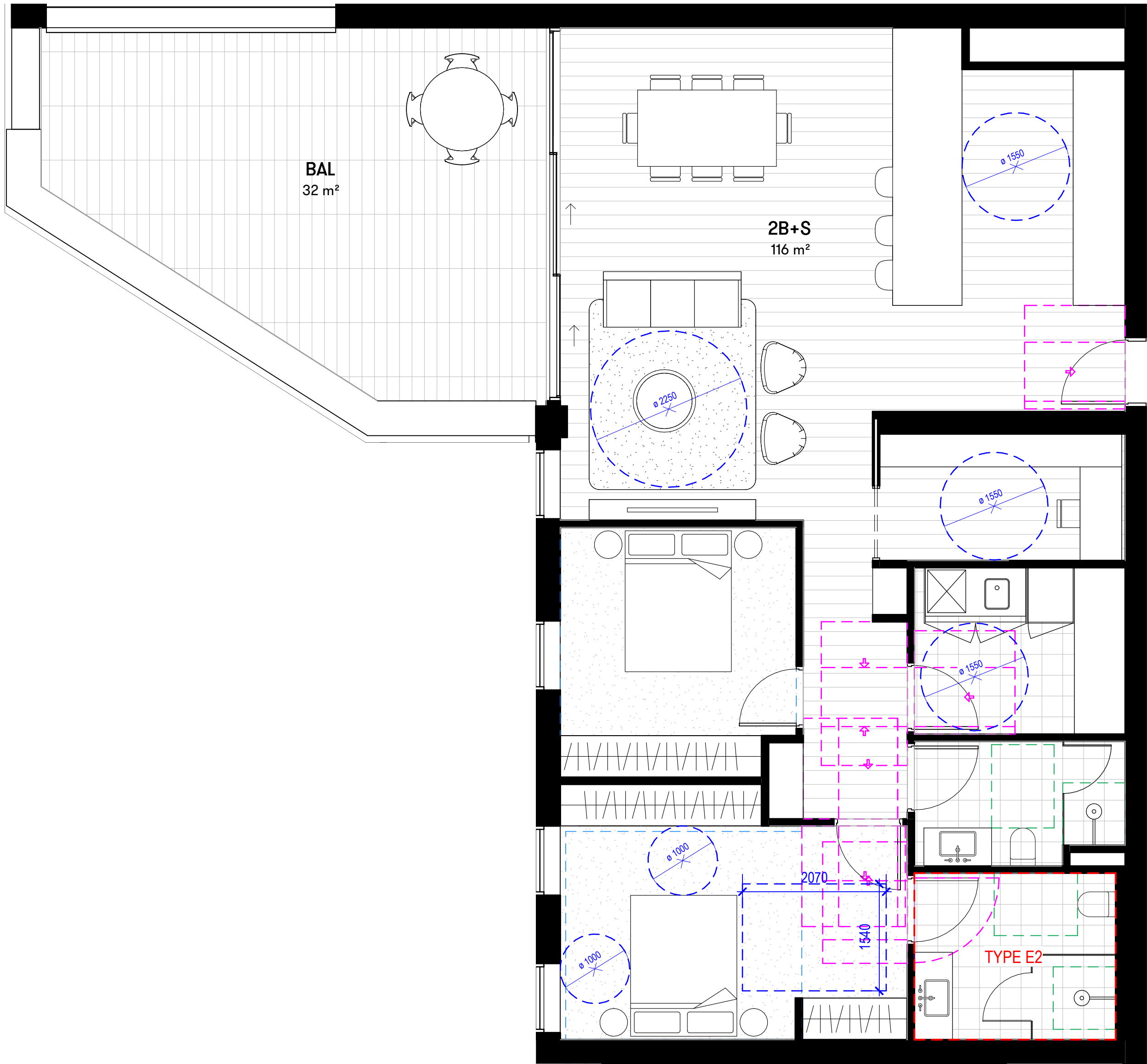
 MINIMUM BEDROOM SIZE TO ADG

 CROSS VENTILATION





1 2B+S - UNIT TYPE C
1 : 50



2 2B+S UNIT - TYPE D
1 : 50

[Status]	DEVELOPMENT APPLICATION	
[Nom. Architect]	THOMAS HANSEN /9527	
[File]	20240019-AB-SK001-R24	
[Print Date]	24/01/2025 2:14:00 PM	
History		
[Rev#]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024

2B+S UNIT TYPES	
TYPES	COUNT

2B+S - TYPE A	6
2B+S - TYPE B1	2
2B+S - TYPE B2	6
2B+S - TYPE C	9
2B+S - TYPE D	6
2B+S - TYPE E	9
2B+S - TYPE F	5
2B+S - TYPE G	1
2B+S - TYPE H	8
2B+S - TYPE I	6

Grand total: 58

UNIT LEGEND

 ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE
REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES

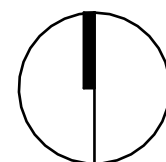
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REFER TO ACCESS REPORT

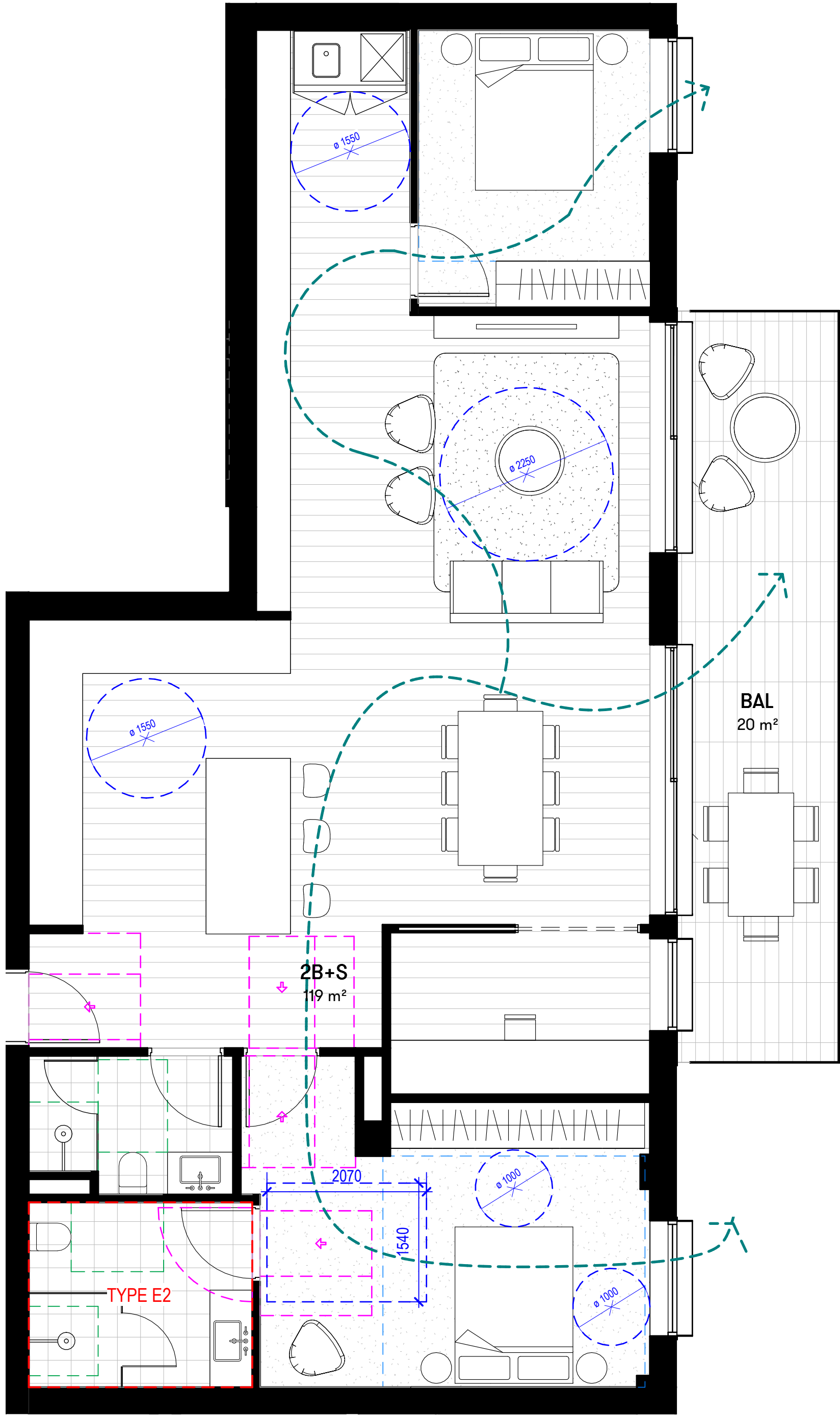
 DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE

 MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES

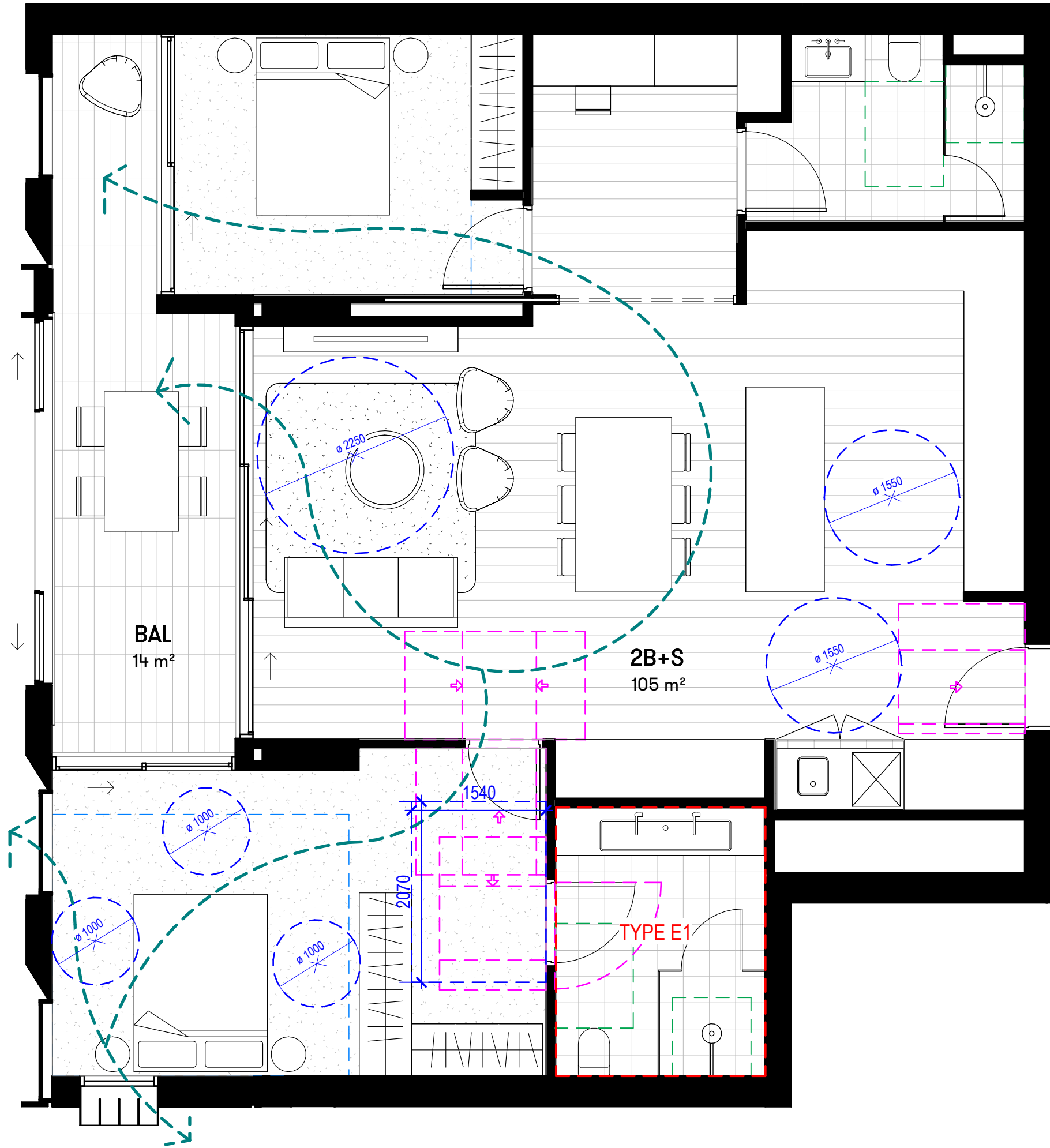
 MINIMUM BEDROOM SIZE TO ADG

 CROSS VENTILATION





1 2B+S UNIT - TYPE G
1 : 50



2 2B+S UNIT - TYPE H
1 : 50

[Status] DEVELOPMENT APPLICATION

[Nom. Architect] THOMAS HANSEN /9527

[File] 20240019-AB-SK001-R24

[Print Date] 24/01/2025 2:14:12 PM

History

[Revit]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024

2B+S UNIT TYPES	
TYPES	COUNT

2B+S - TYPE A	6
2B+S - TYPE B1	2
2B+S - TYPE B2	6
2B+S - TYPE C	9
2B+S - TYPE D	6
2B+S - TYPE E	9
2B+S - TYPE F	5
2B+S - TYPE G	1
2B+S - TYPE H	8
2B+S - TYPE I	6

Grand total: 58

UNIT LEGEND

 ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE
REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES

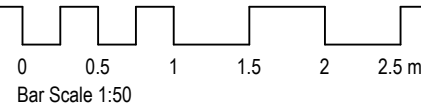
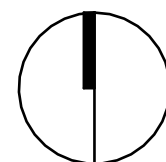
 CLEARANCES FOR ACCESSIBILITY COMPLIANCE TO AS1428.1.
REFER TO ACCESS REPORT

 DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE

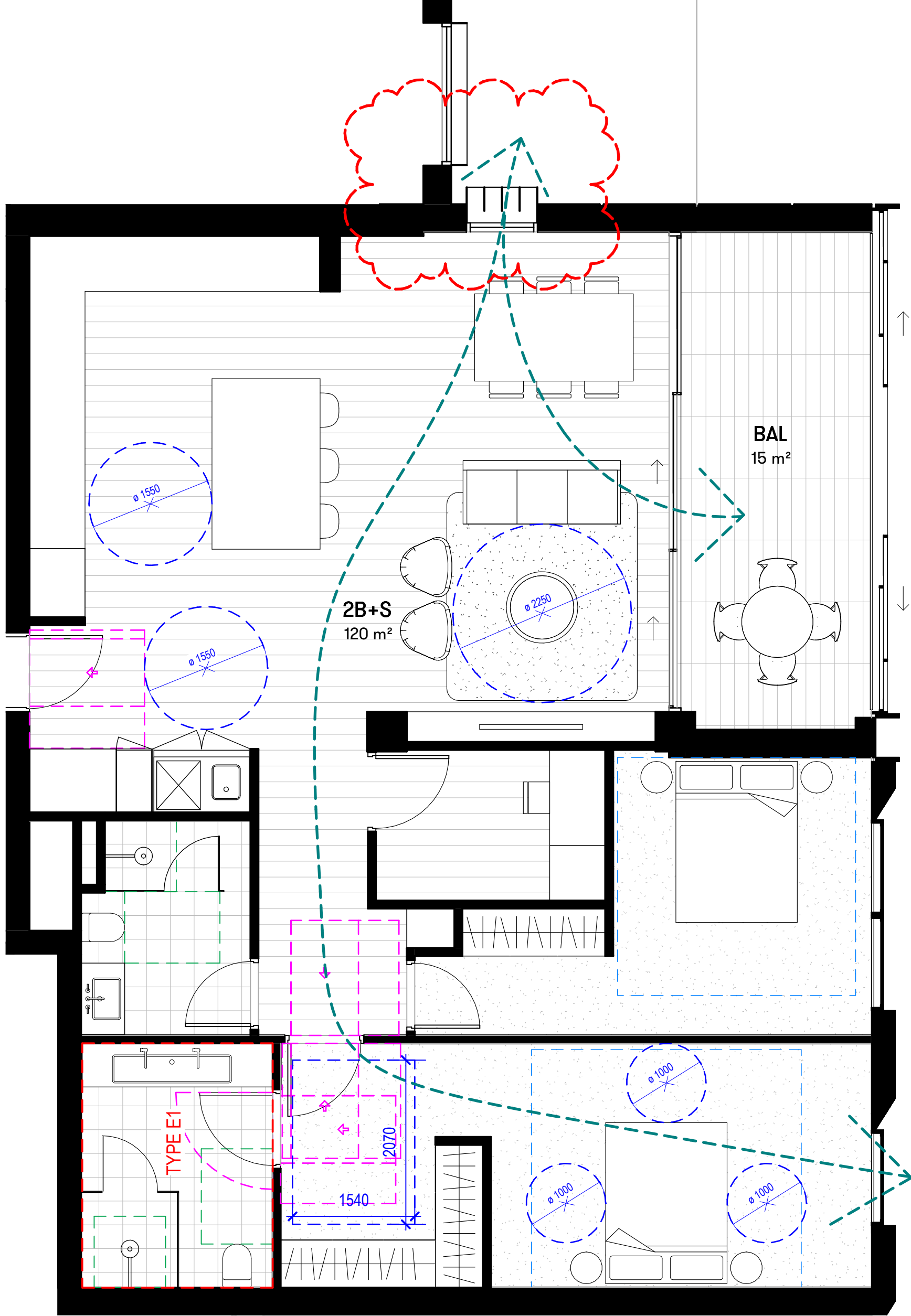
 MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES

 MINIMUM BEDROOM SIZE TO ADG

 CROSS VENTILATION



[Scale] 1 : 50 @ A1



1 2B+S UNIT - TYPE I
1 : 50

[Status]

DEVELOPMENT APPLICATION

[Nom. Architect]

THOMAS HANSEN /9527

[File]

20240019-AB-SK001-R24

[Print Date]

24/01/2025 2:12:13 PM

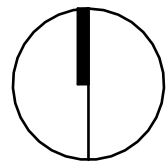
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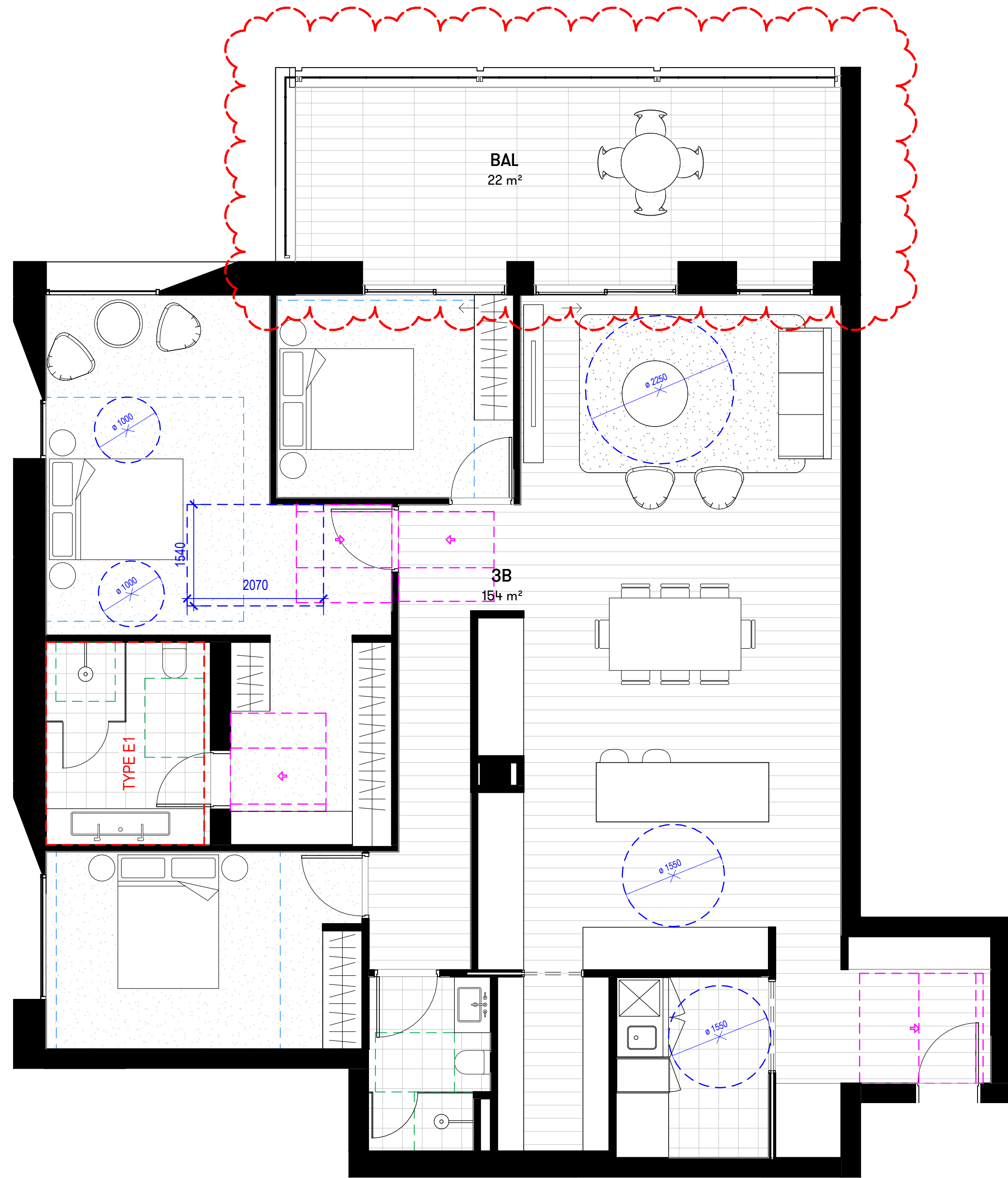
[Rev#]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024
2	DA SUBMISSION - RFI AMMENDMENTS	24.01.2024

2B+S UNIT TYPES	
TYPES	COUNT
2B+S - TYPE A	6
2B+S - TYPE B1	2
2B+S - TYPE B2	6
2B+S - TYPE C	9
2B+S - TYPE D	6
2B+S - TYPE E	9
2B+S - TYPE F	5
2B+S - TYPE G	1
2B+S - TYPE H	8
2B+S - TYPE I	6
Grand total: 58	

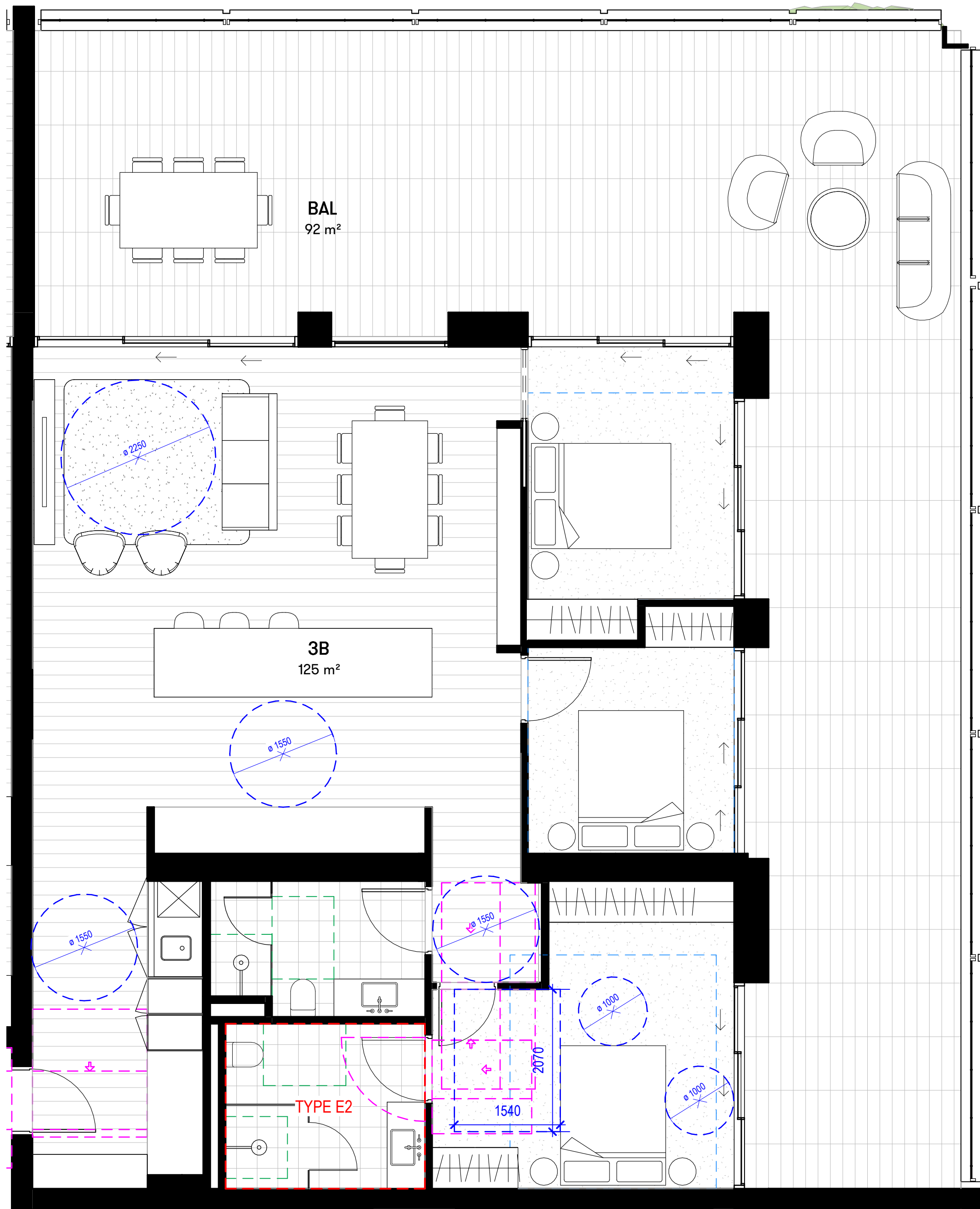
UNIT LEGEND

- ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE
REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES
- CLEARANCES FOR ACCESSIBILITY COMPLIANCE TO AS1428.1.
REFER TO ACCESS REPORT
- DOOR CLEARANCE TO AS1428.1 FOR DOORS
REQUIRED TO BE ACCESSIBLE
- MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES
- MINIMUM BEDROOM SIZE TO ADG
- CROSS VENTILATION





1 3B UNIT - TYPE A
1 : 50



2 3B UNIT - TYPE B
1 : 50

[Status]	DEVELOPMENT APPLICATION		
[Nom. Architect]	THOMAS HANSEN /9527		
[File]	20240019-AB-SK001-R24		
[Print Date]	24/01/2025 1:18:02 PM		
			History
[Rev#]	[Description]	[Date]dd mm yy	
A	DRAFT DA SET	13.09.2024	
B	DRAFT DA SET	04.10.2024	
1	DA SUBMISSION	22.10.2024	
2	DA SUBMISSION - RFI AMMENDMENTS	24.01.2024	

3B UNIT TYPES	
TYPE	COUNT

3B - TYPE A	1
3B - TYPE B	1
3B - TYPE C	8
3B - TYPE D	7
3B - TYPE E1	7
3B - TYPE E2	7
3B - TYPE F	1
3B - TYPE G	1
3B - TYPE H	1
3B - TYPE I	6
3B - TYPE J	1
3B - TYPE K	1
3B - TYPE L	1
3B - TYPE M	1
3B - TYPE N	12
3B - TYPE O	1
3B - TYPE P	5
3B - TYPE Q	6
3B - TYPE R	9

Grand total: 77

UNIT LEGEND

 ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES

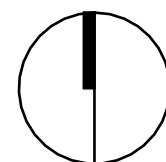
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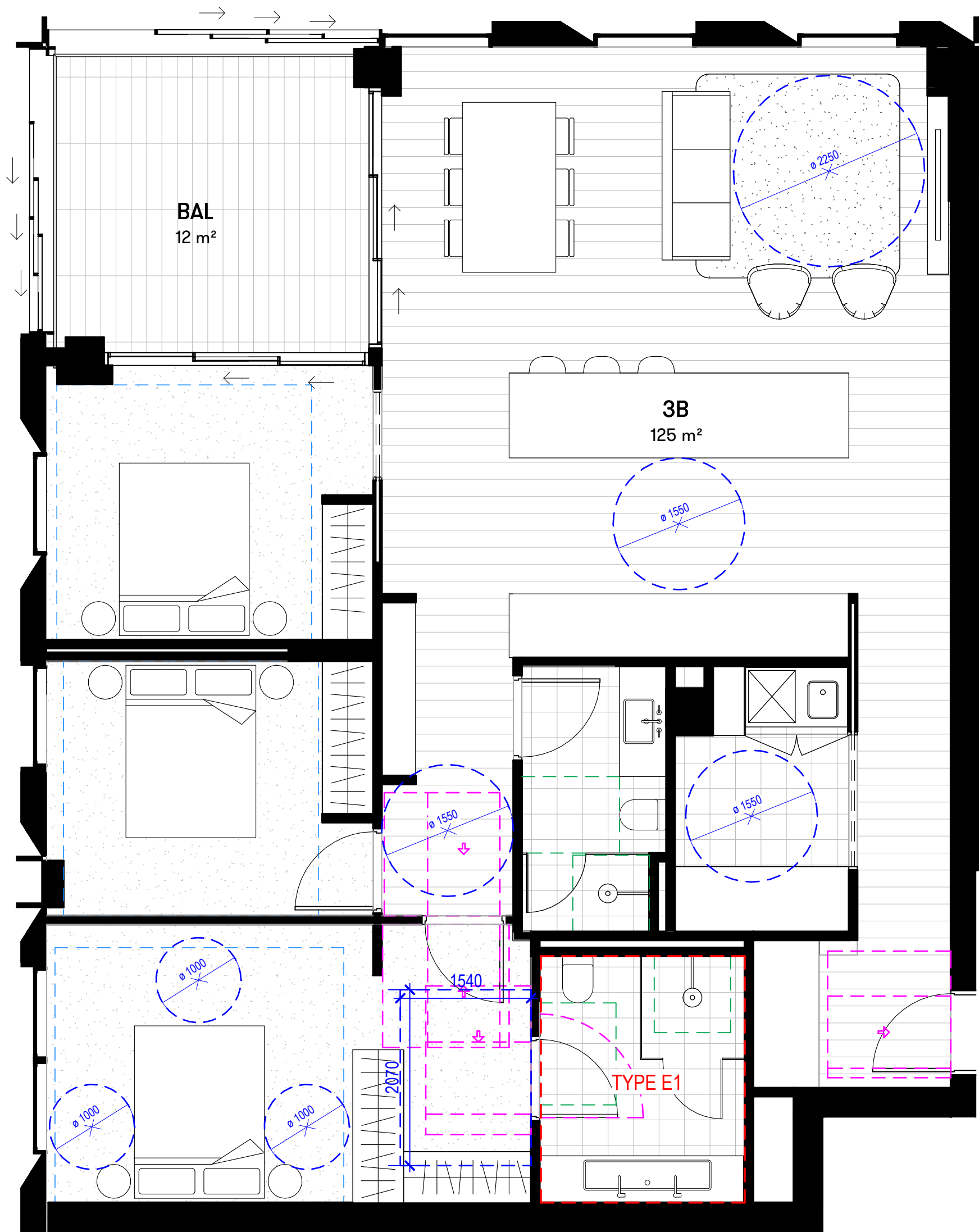
 DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE

 MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES

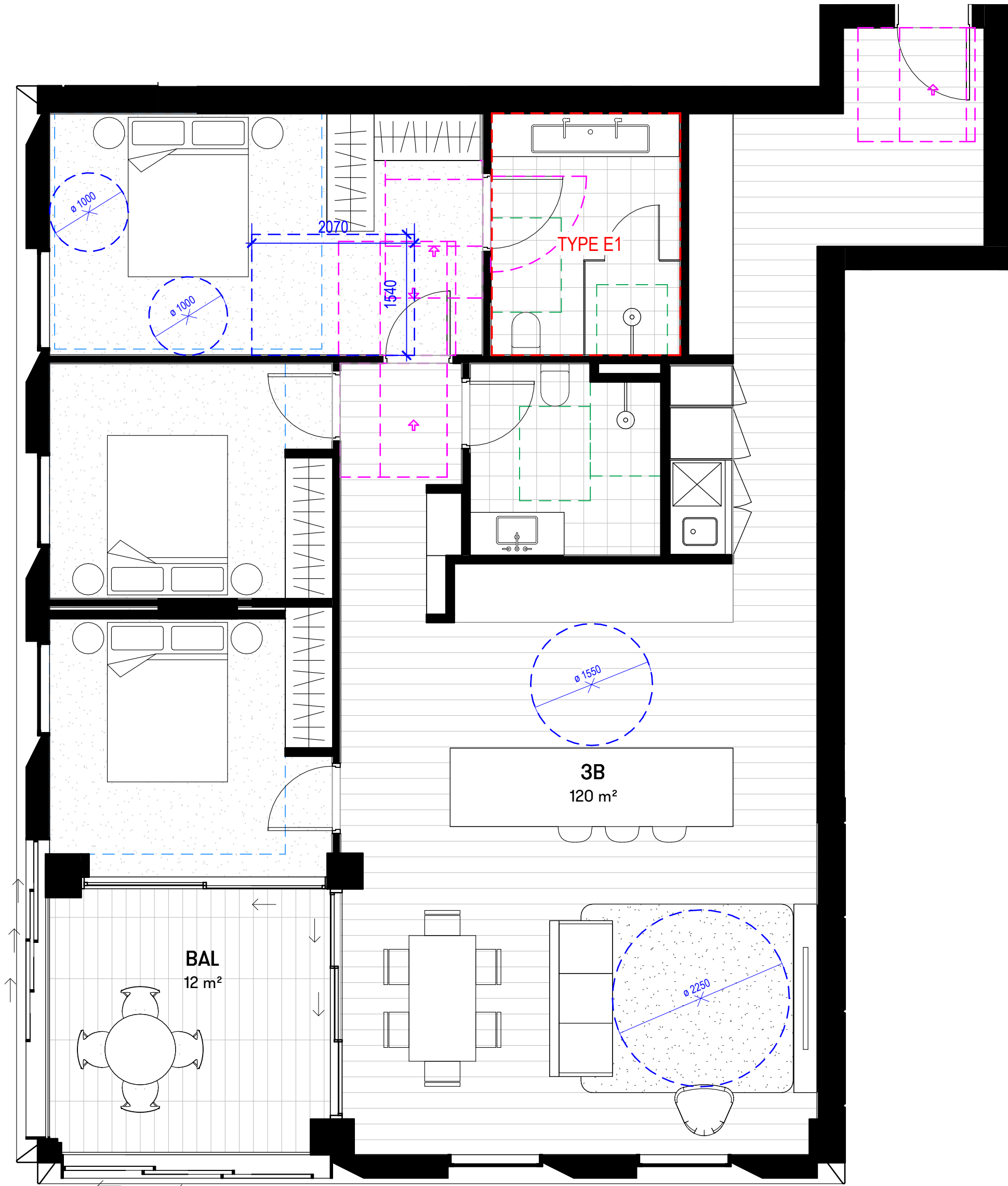
 MINIMUM BEDROOM SIZE TO ADG

 CROSS VENTILATION





1 3B UNIT - TYPE C
1 : 50



2 3B UNIT - TYPE D
1 : 50

[Status]	DEVELOPMENT APPLICATION		
[Nom. Architect]	THOMAS HANSEN /9527		
[File]	20240019-AB-SK001-R24		
[Print Date]	24/01/2025 2:14:24 PM		
History			
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A	DRAFT DA SET	13.09.2024	
B	DRAFT DA SET	04.10.2024	
1	DA SUBMISSION	22.10.2024	

3B UNIT TYPES	
TYPE	COUNT

3B - TYPE A	1
3B - TYPE B	1
3B - TYPE C	8
3B - TYPE D	7
3B - TYPE E1	7
3B - TYPE E2	7
3B - TYPE F	1
3B - TYPE G	1
3B - TYPE H	1
3B - TYPE I	6
3B - TYPE J	1
3B - TYPE K	1
3B - TYPE L	1
3B - TYPE M	1
3B - TYPE N	12
3B - TYPE O	1
3B - TYPE P	5
3B - TYPE Q	6
3B - TYPE R	9

Grand total: 77

UNIT LEGEND

 ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE
REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES

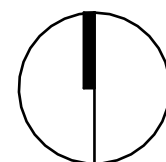
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REFER TO ACCESS REPORT

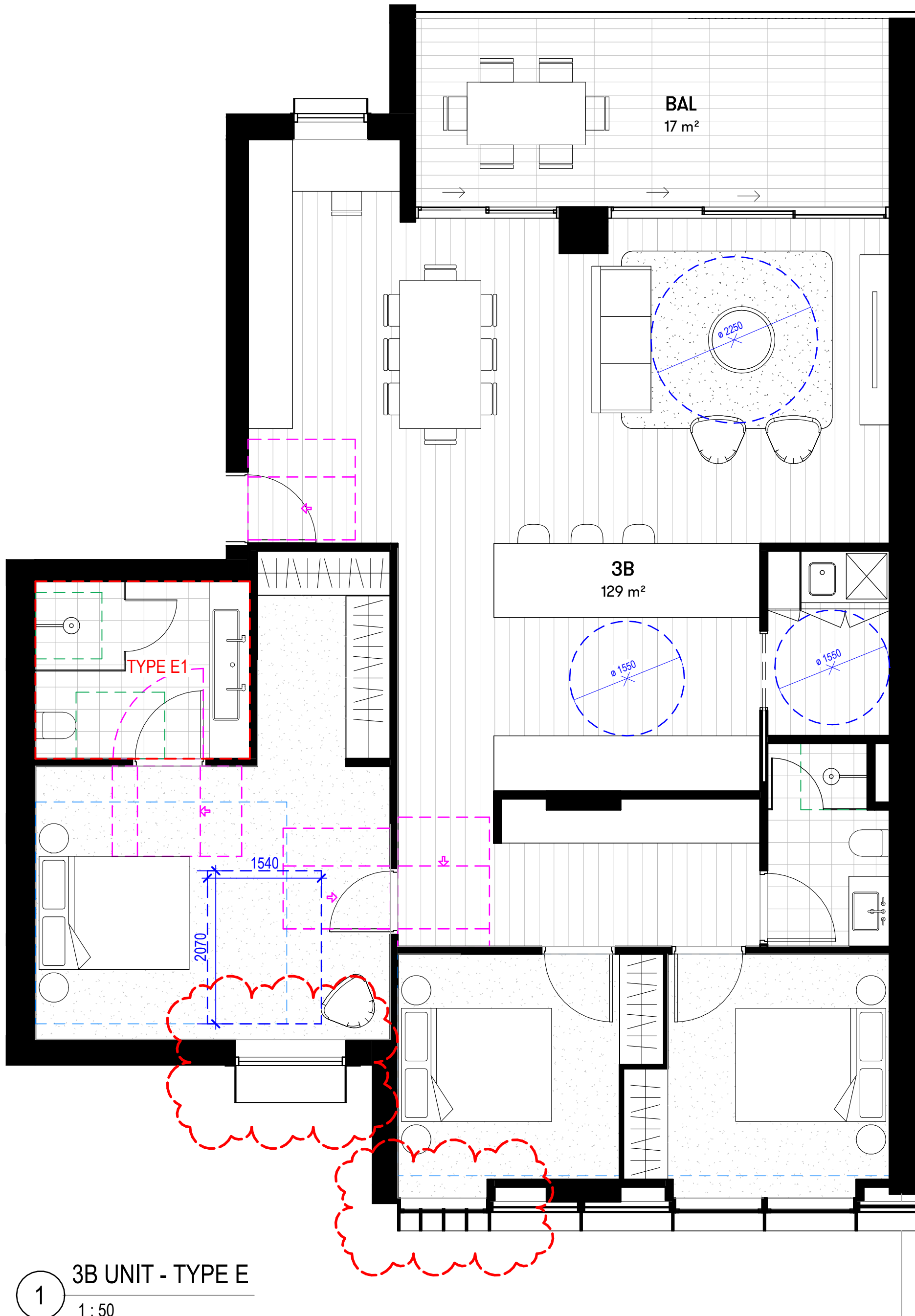
 DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE

 MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES

 MINIMUM BEDROOM SIZE TO ADG

 CROSS VENTILATION





1 3B UNIT - TYPE E
1 : 50



2 3B UNIT - TYPE F
1 : 50

[Revit]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024
2	DA SUBMISSION	25.10.2024
3	DA SUBMISSION - RFI AMMENDMENTS	24.01.2024

3B UNIT TYPES	
TYPE	COUNT

3B - TYPE A	1
3B - TYPE B	1
3B - TYPE C	8
3B - TYPE D	7
3B - TYPE E1	7
3B - TYPE E2	7
3B - TYPE F	1
3B - TYPE G	1
3B - TYPE H	1
3B - TYPE I	6
3B - TYPE J	1
3B - TYPE K	1
3B - TYPE L	1
3B - TYPE M	1
3B - TYPE N	12
3B - TYPE O	1
3B - TYPE P	5
3B - TYPE Q	6
3B - TYPE R	9

Grand total: 77

UNIT LEGEND

 ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE
REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES

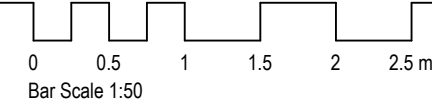
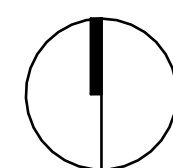
 CLEARANCES FOR ACCESSIBILITY COMPLIANCE TO AS1428.1.
REFER TO ACCESS REPORT

 DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE

 MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES

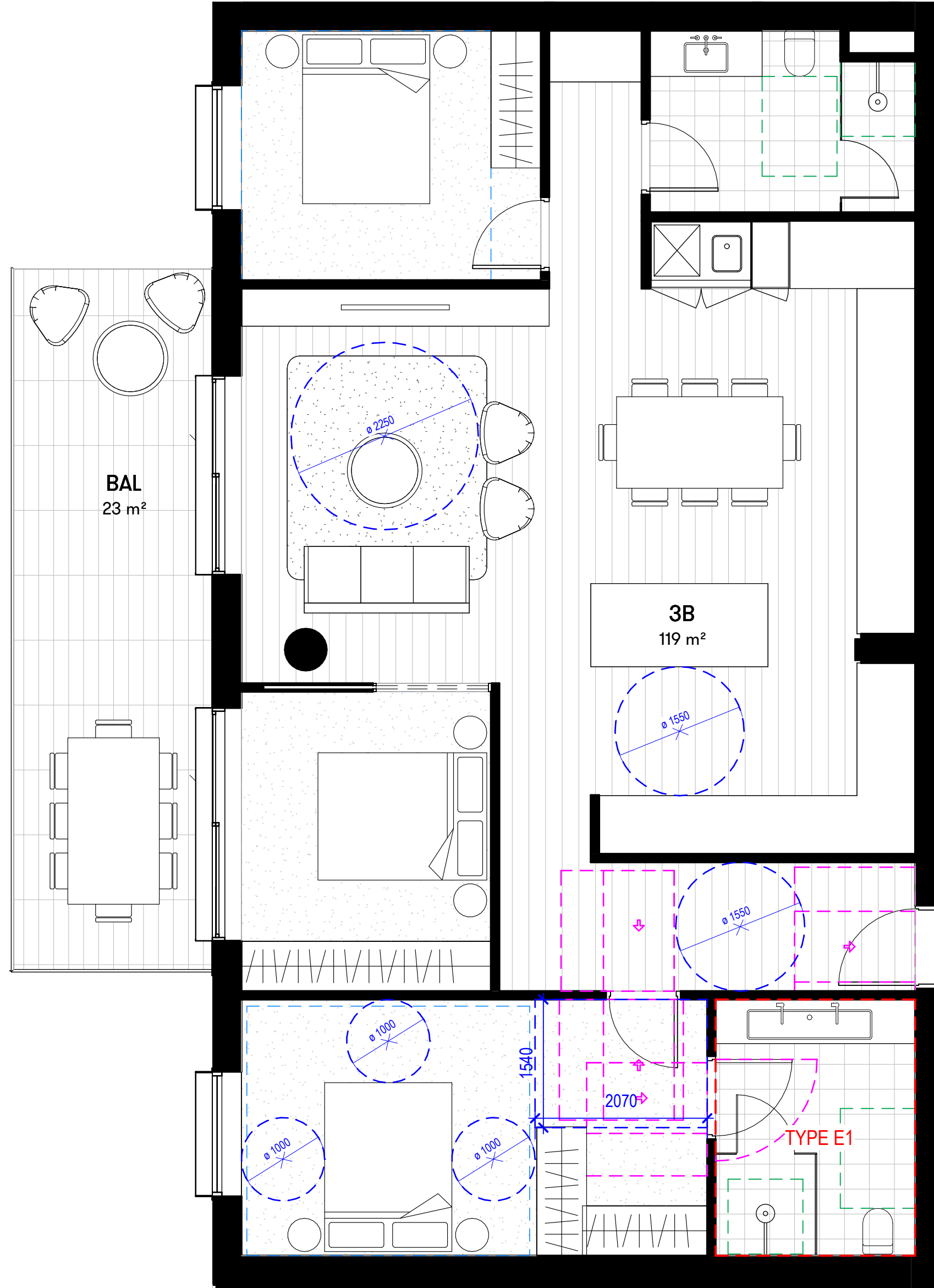
 MINIMUM BEDROOM SIZE TO ADG

 CROSS VENTILATION





1 3B UNIT - TYPE G
1 : 50



2 3B UNIT - TYPE H
1 : 50

[Status]	DEVELOPMENT APPLICATION	
[Nom. Architect]	THOMAS HANSEN /9527	
[File]	20240019-AB-SK001-R24	
[Print Date]	24/01/2025 1:18:37 PM	
History		
[Rev#]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024
2	DA SUBMISSION	25.10.2024

3B UNIT TYPES	
TYPE	COUNT

3B - TYPE A	1
3B - TYPE B	1
3B - TYPE C	8
3B - TYPE D	7
3B - TYPE E1	7
3B - TYPE E2	7
3B - TYPE F	1
3B - TYPE G	1
3B - TYPE H	1
3B - TYPE I	6
3B - TYPE J	1
3B - TYPE K	1
3B - TYPE L	1
3B - TYPE M	1
3B - TYPE N	12
3B - TYPE O	1
3B - TYPE P	5
3B - TYPE Q	6
3B - TYPE R	9

Grand total: 77

UNIT LEGEND

 ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES

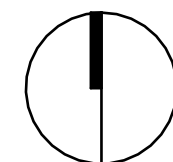
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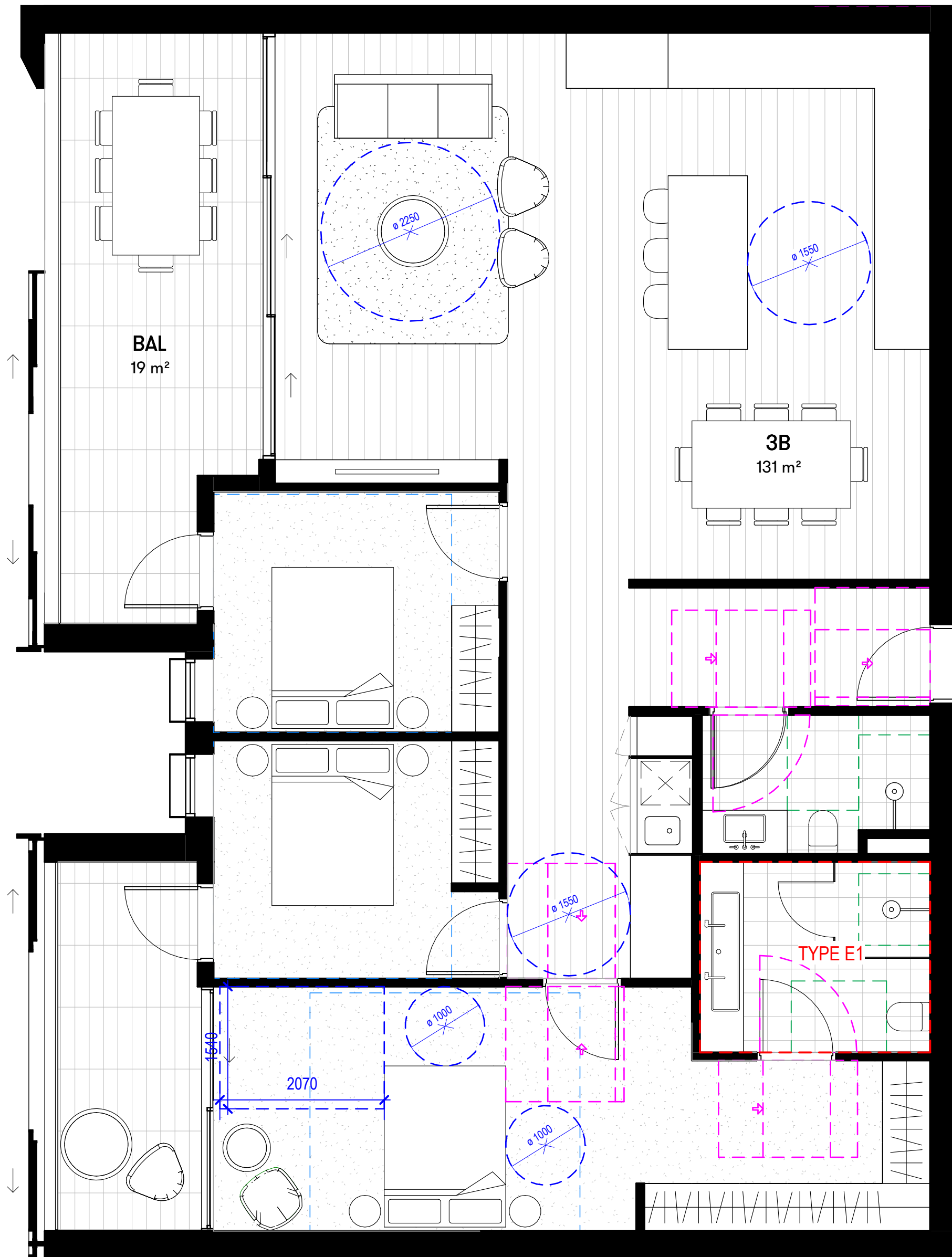
 DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE

 MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES

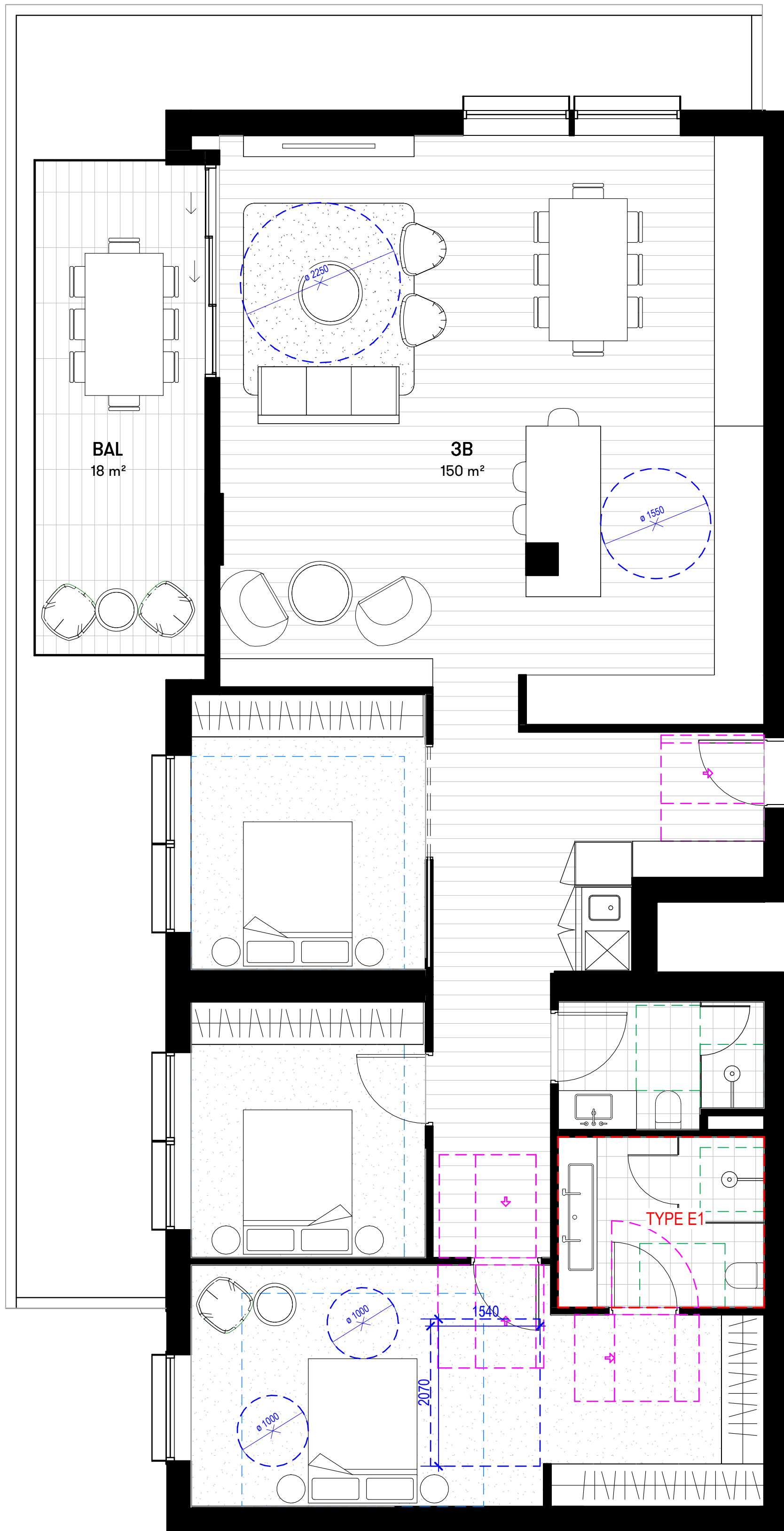
 MINIMUM BEDROOM SIZE TO ADG

 CROSS VENTILATION





1 3B UNIT - TYPE I
1 : 50



2 3B UNIT - TYPE J
1 : 50

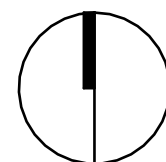
3B UNIT TYPES	
TYPE	COUNT

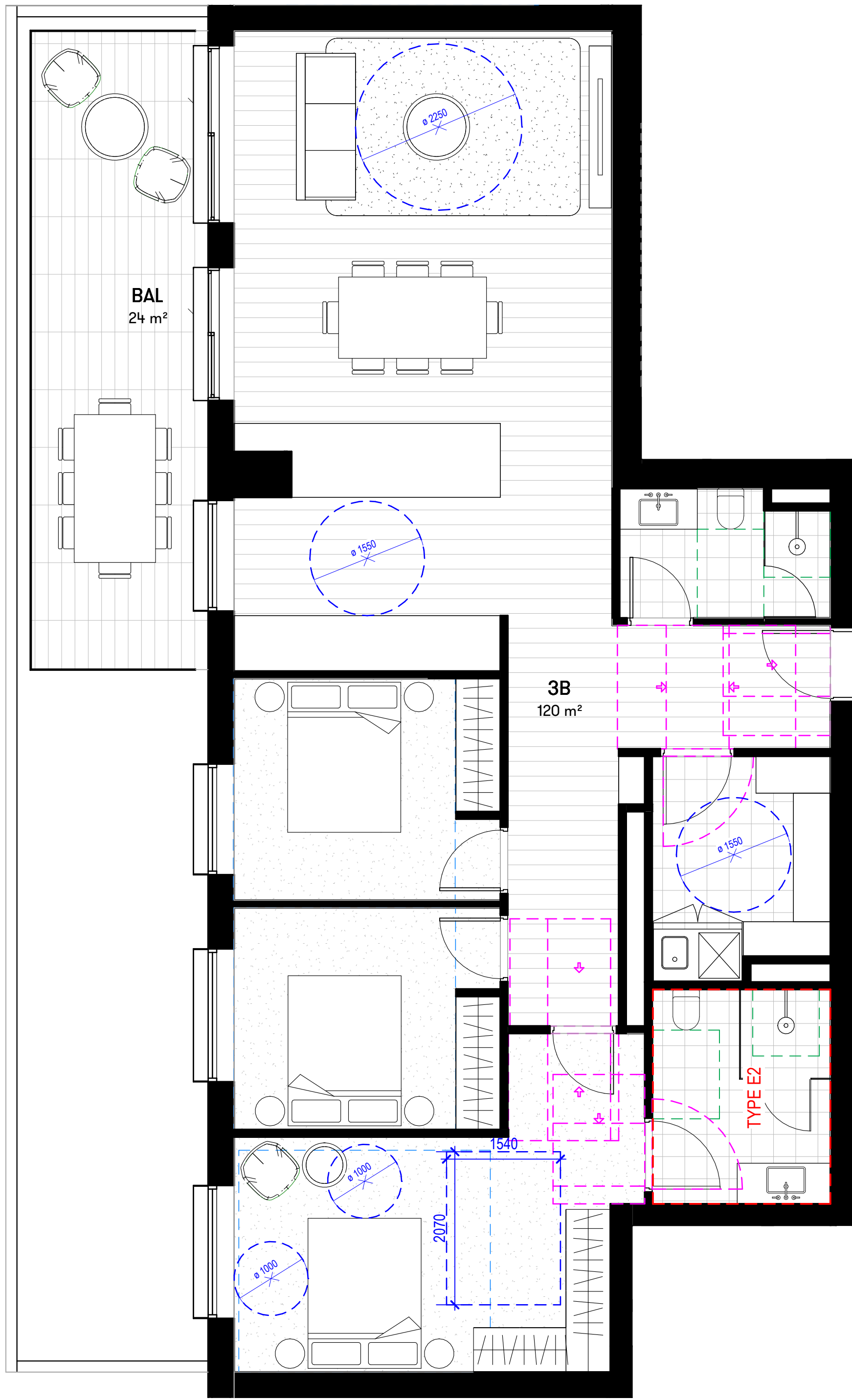
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3B - TYPE B	1
3B - TYPE C	8
3B - TYPE D	7
3B - TYPE E1	7
3B - TYPE E2	7
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3B - TYPE G	1
3B - TYPE H	1
3B - TYPE I	6
3B - TYPE J	1
3B - TYPE K	1
3B - TYPE L	1
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3B - TYPE P	5
3B - TYPE Q	6
3B - TYPE R	9

Grand total: 77

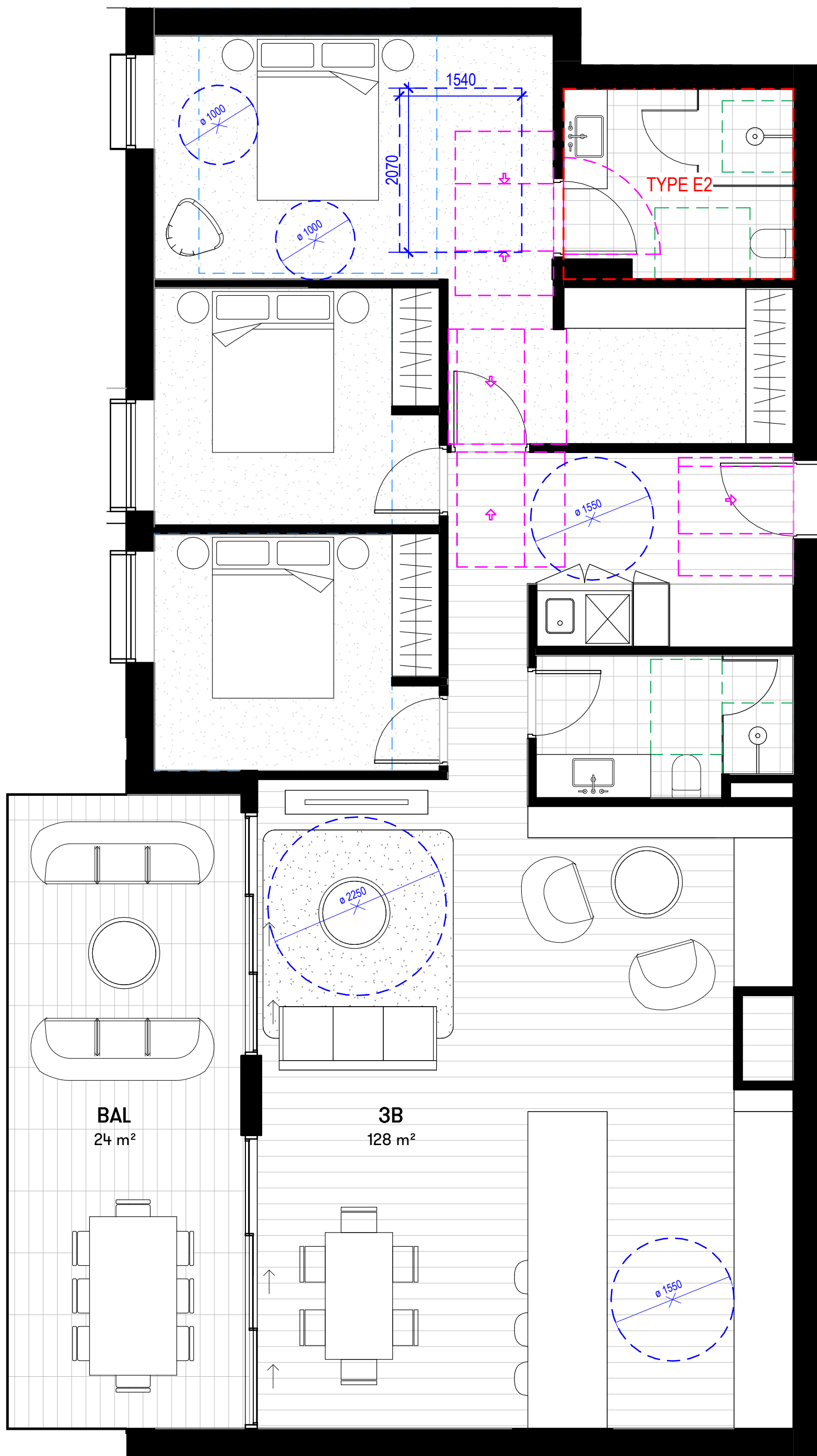
UNIT LEGEND

- ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES
- CLEARANCES FOR ACCESSIBILITY COMPLIANCE TO AS1428.1. REFER TO ACCESS REPORT
- DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE
- MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES
- MINIMUM BEDROOM SIZE TO ADG
- CROSS VENTILATION





1 3B UNIT - TYPE K
1 : 50



2 3B UNIT - TYPE L
1 : 50

[Status] DEVELOPMENT APPLICATION

[Nom. Architect] THOMAS HANSEN /9527

[File] 20240019-AB-SK001-R24

[Print Date] 24/01/2025 1:18:48 PM

History

[Revit]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024

3B UNIT TYPES	
TYPE	COUNT

3B - TYPE A	1
3B - TYPE B	1
3B - TYPE C	8
3B - TYPE D	7
3B - TYPE E1	7
3B - TYPE E2	7
3B - TYPE F	1
3B - TYPE G	1
3B - TYPE H	1
3B - TYPE I	6
3B - TYPE J	1
3B - TYPE K	1
3B - TYPE L	1
3B - TYPE M	1
3B - TYPE N	12
3B - TYPE O	1
3B - TYPE P	5
3B - TYPE Q	6
3B - TYPE R	9

Grand total: 77

UNIT LEGEND

 ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES

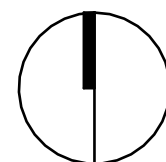
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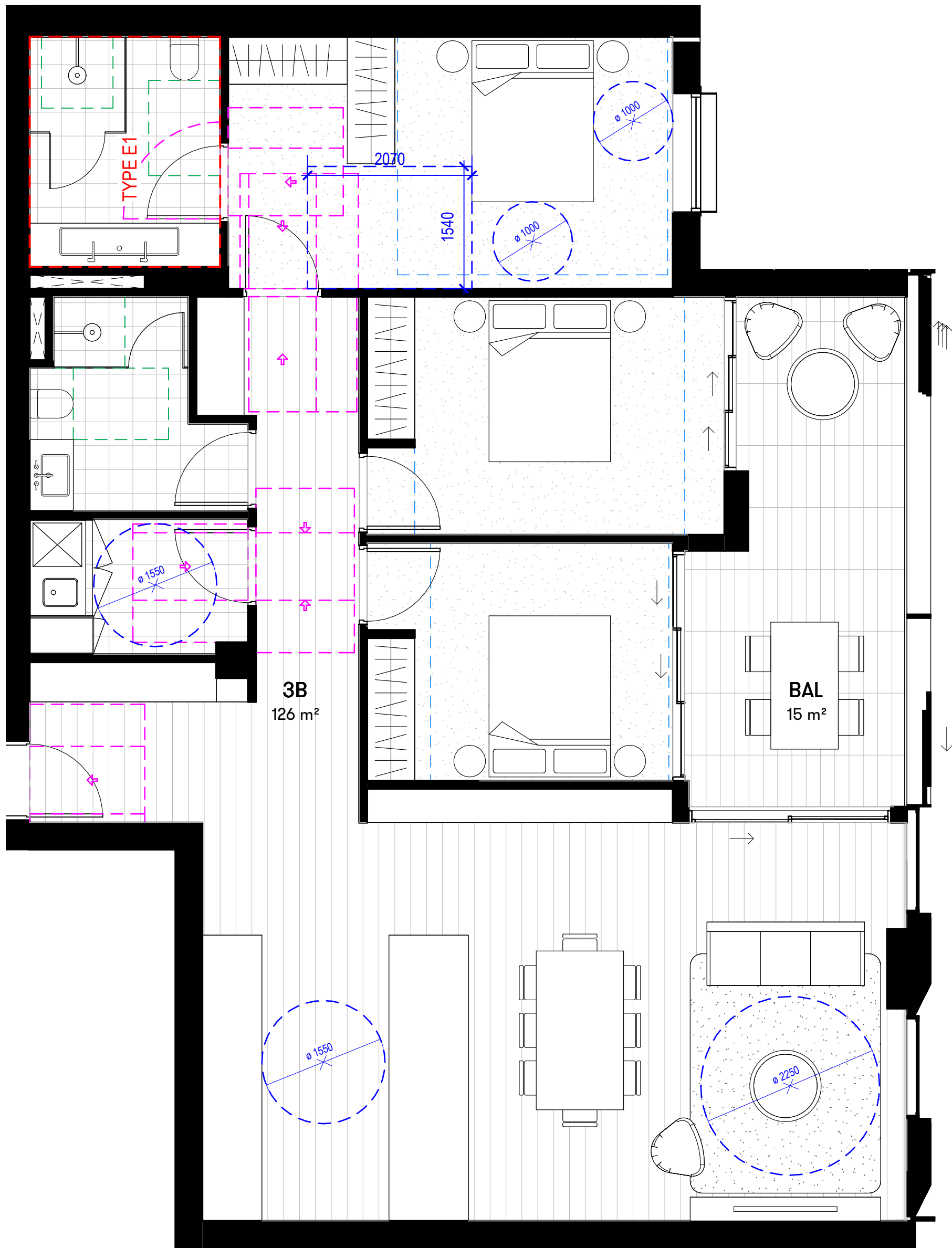
 DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE

 MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES

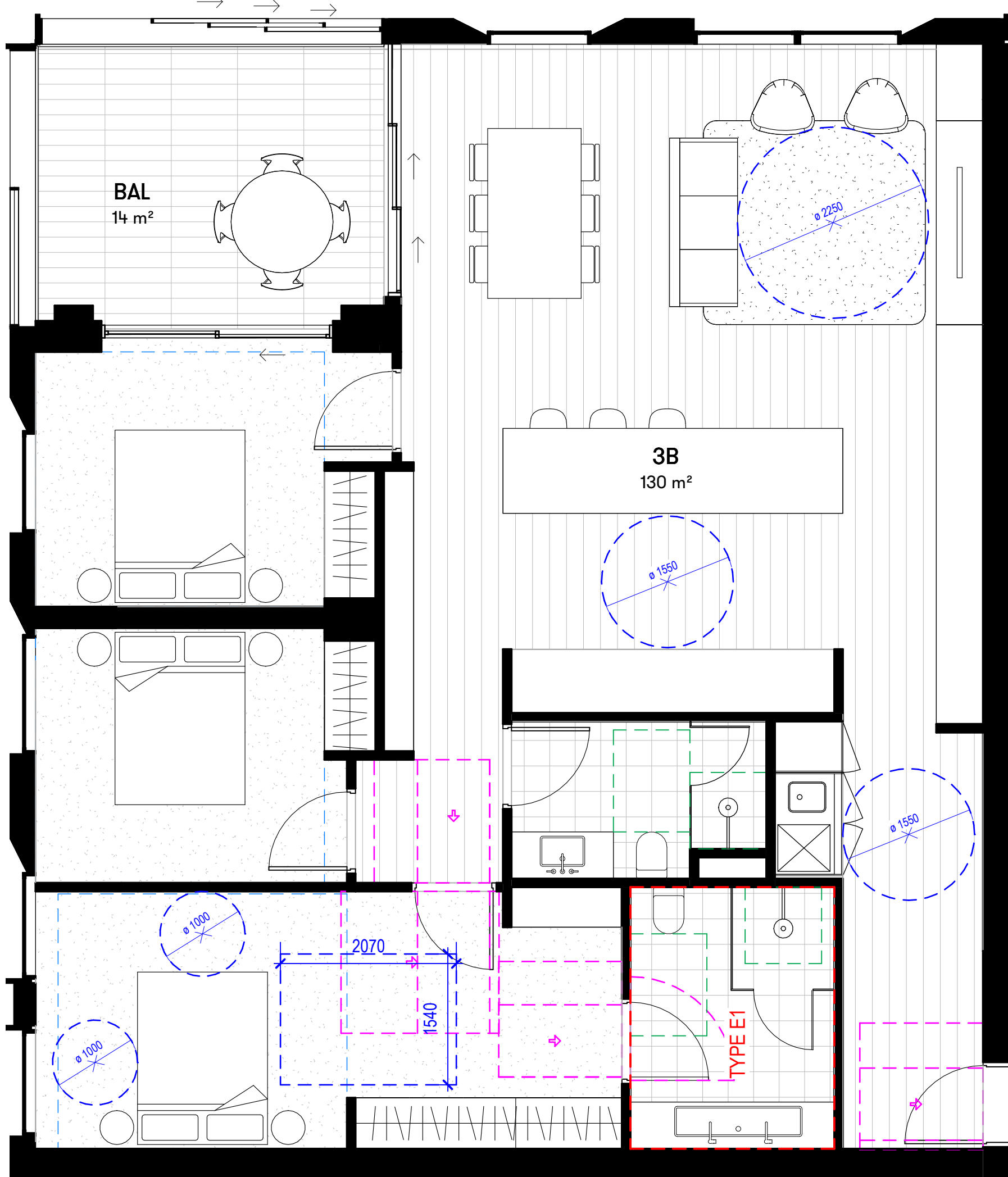
 MINIMUM BEDROOM SIZE TO ADG

 CROSS VENTILATION





1 3B UNIT - TYPE M
1 : 50



2 3B UNIT - TYPE N
1 : 50

[Status]	DEVELOPMENT APPLICATION	
[Nom. Architect]	THOMAS HANSEN /9527	
[File]	20240019-AB-SK001-R24	
[Print Date]	24/01/2025 1:18:54 PM	
History		
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A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024

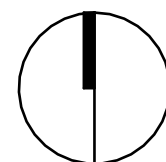
3B UNIT TYPES	
TYPE	COUNT

3B - TYPE A	1
3B - TYPE B	1
3B - TYPE C	8
3B - TYPE D	7
3B - TYPE E1	7
3B - TYPE E2	7
3B - TYPE F	1
3B - TYPE G	1
3B - TYPE H	1
3B - TYPE I	6
3B - TYPE J	1
3B - TYPE K	1
3B - TYPE L	1
3B - TYPE M	1
3B - TYPE N	12
3B - TYPE O	1
3B - TYPE P	5
3B - TYPE Q	6
3B - TYPE R	9

Grand total: 77

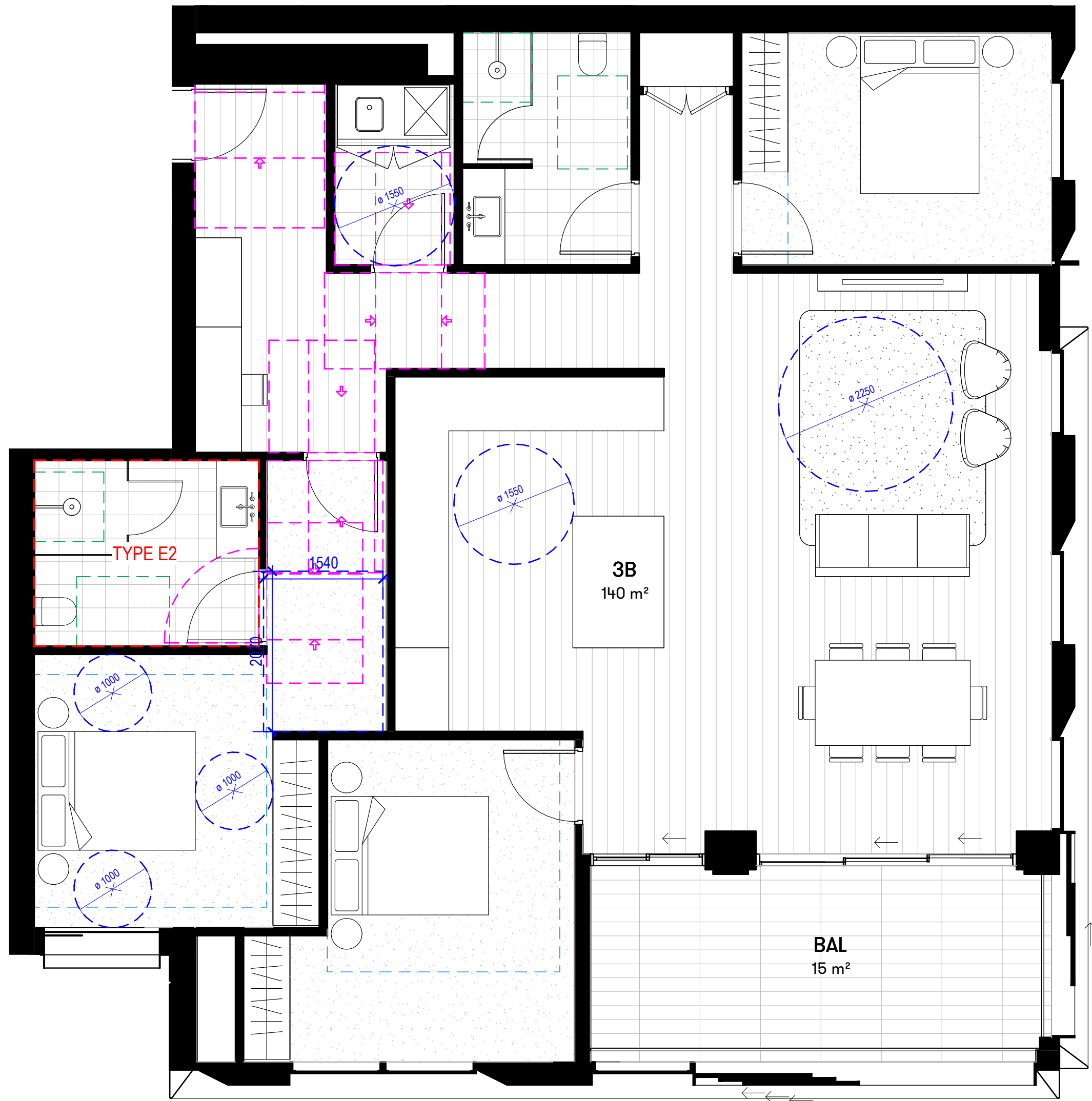
UNIT LEGEND

- ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE
REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES
- CLEARANCES FOR ACCESSIBILITY COMPLIANCE TO AS1428.1.
REFER TO ACCESS REPORT
- DOOR CLEARANCE TO AS1428.1 FOR DOORS
REQUIRED TO BE ACCESSIBLE
- MINIMUM SILVER LEVEL CIRCULATION
REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES
- MINIMUM BEDROOM SIZE TO ADG
- CROSS VENTILATION





1 3B UNIT - TYPE O
1 : 50



2 3B UNIT - TYPE P
1 : 50

[Status]	DEVELOPMENT APPLICATION		
[Nom. Architect]	THOMAS HANSEN /9527		
[File]	20240019-AB-SK001-R24		
[Print Date]	24/01/2025 2:14:47 PM		
			History
[Rev#]	[Description]	[Date]	dd.mm.yy
A	DRAFT DA SET	13.09.2024	
B	DRAFT DA SET	04.10.2024	
1	DA SUBMISSION	22.10.2024	
2	DA SUBMISSION	25.10.2024	

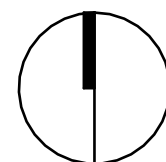
3B UNIT TYPES	
TYPE	COUNT

3B - TYPE A	1
3B - TYPE B	1
3B - TYPE C	8
3B - TYPE D	7
3B - TYPE E1	7
3B - TYPE E2	7
3B - TYPE F	1
3B - TYPE G	1
3B - TYPE H	1
3B - TYPE I	6
3B - TYPE J	1
3B - TYPE K	1
3B - TYPE L	1
3B - TYPE M	1
3B - TYPE N	12
3B - TYPE O	1
3B - TYPE P	5
3B - TYPE Q	6
3B - TYPE R	9

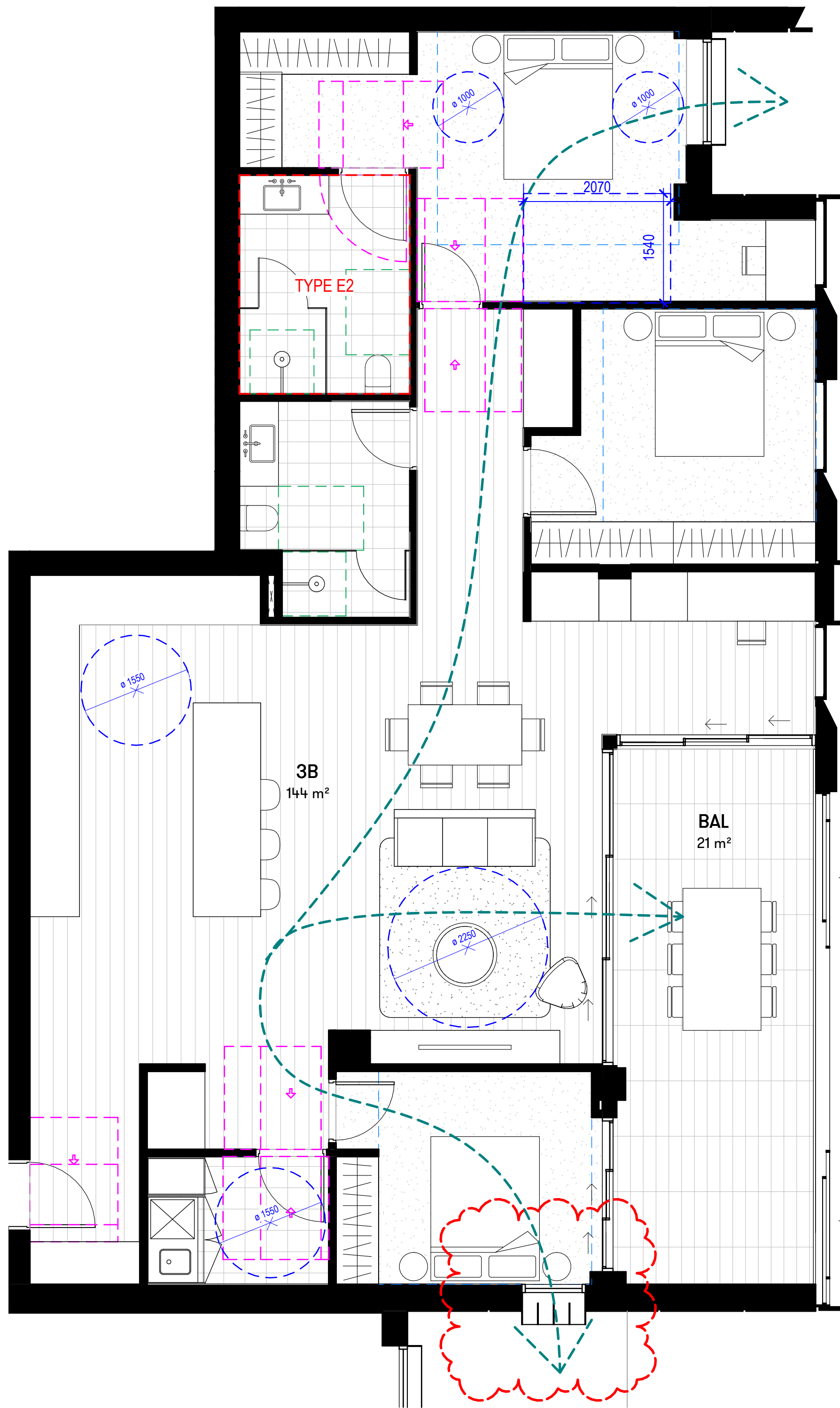
Grand total: 77

UNIT LEGEND

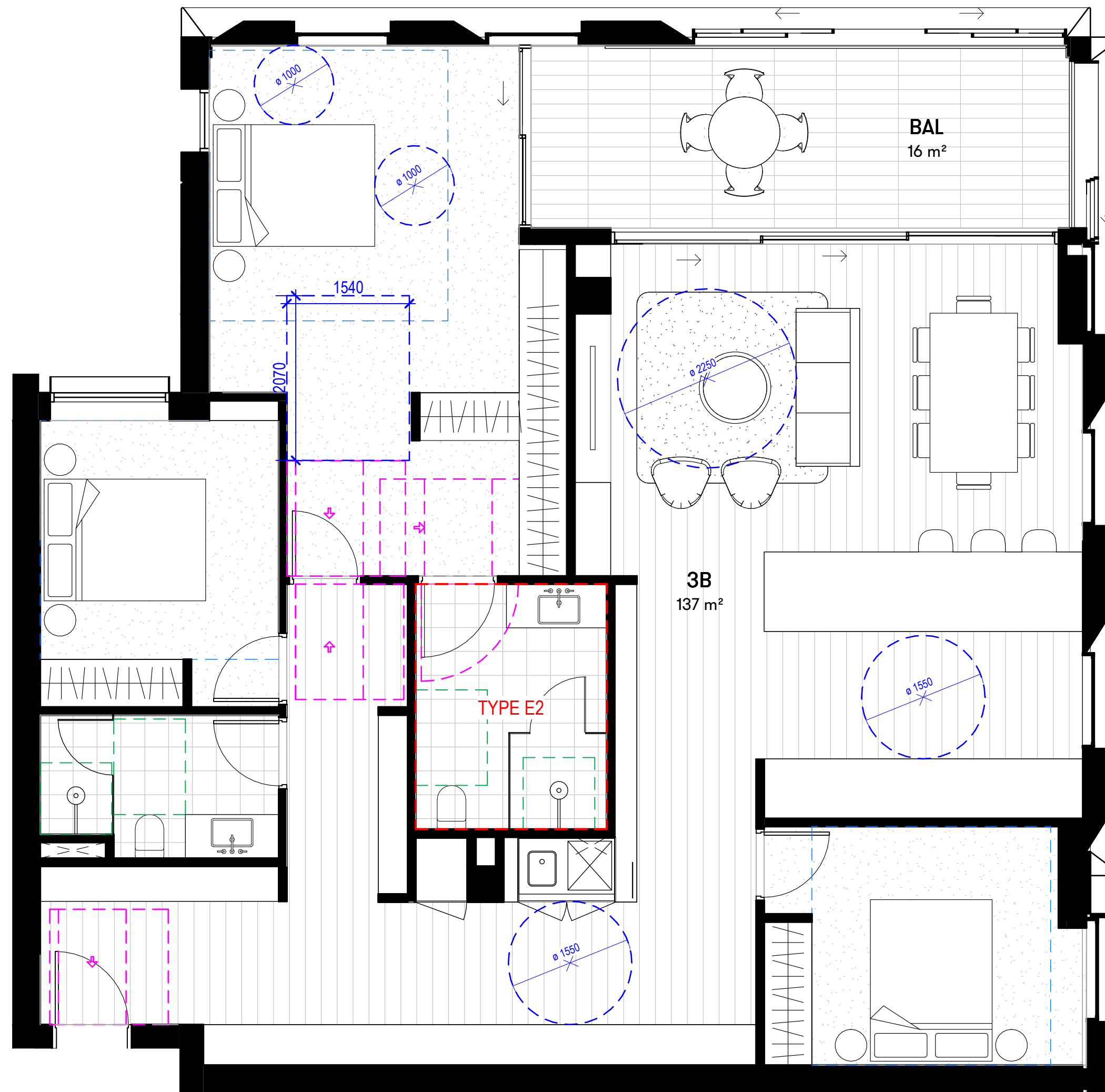
- ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES
- CLEARANCES FOR ACCESSIBILITY COMPLIANCE TO AS1428.1. REFER TO ACCESS REPORT
- DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE
- MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES
- MINIMUM BEDROOM SIZE TO ADG
- CROSS VENTILATION



[Rev#]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
B	DRAFT DA SET	04.10.2024
1	DA SUBMISSION	22.10.2024
2	DA SUBMISSION - RFI AMMENDMENTS	24.01.2024



1 3B UNIT - TYPE Q
1 : 50



2 3B UNIT - TYPE R
1 : 50

3B UNIT TYPES	
TYPE	COUNT

3B - TYPE A	1
3B - TYPE B	1
3B - TYPE C	8
3B - TYPE D	7
3B - TYPE E1	7
3B - TYPE E2	7
3B - TYPE F	1
3B - TYPE G	1
3B - TYPE H	1
3B - TYPE I	6
3B - TYPE J	1
3B - TYPE K	1
3B - TYPE L	1
3B - TYPE M	1
3B - TYPE N	12
3B - TYPE O	1
3B - TYPE P	5
3B - TYPE Q	6
3B - TYPE R	9

Grand total: 77

UNIT LEGEND

 ALTERATIONS REQUIRED FOR ACCESSIBILITY COMPLIANCE
REFER TO SHEET AD-SK61_101 FOR ACCESSIBLE ENSUITE TYPES

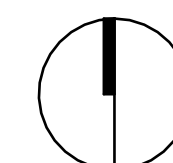
 CLEARANCES FOR ACCESSIBILITY COMPLIANCE TO AS1428.1.
REFER TO ACCESS REPORT

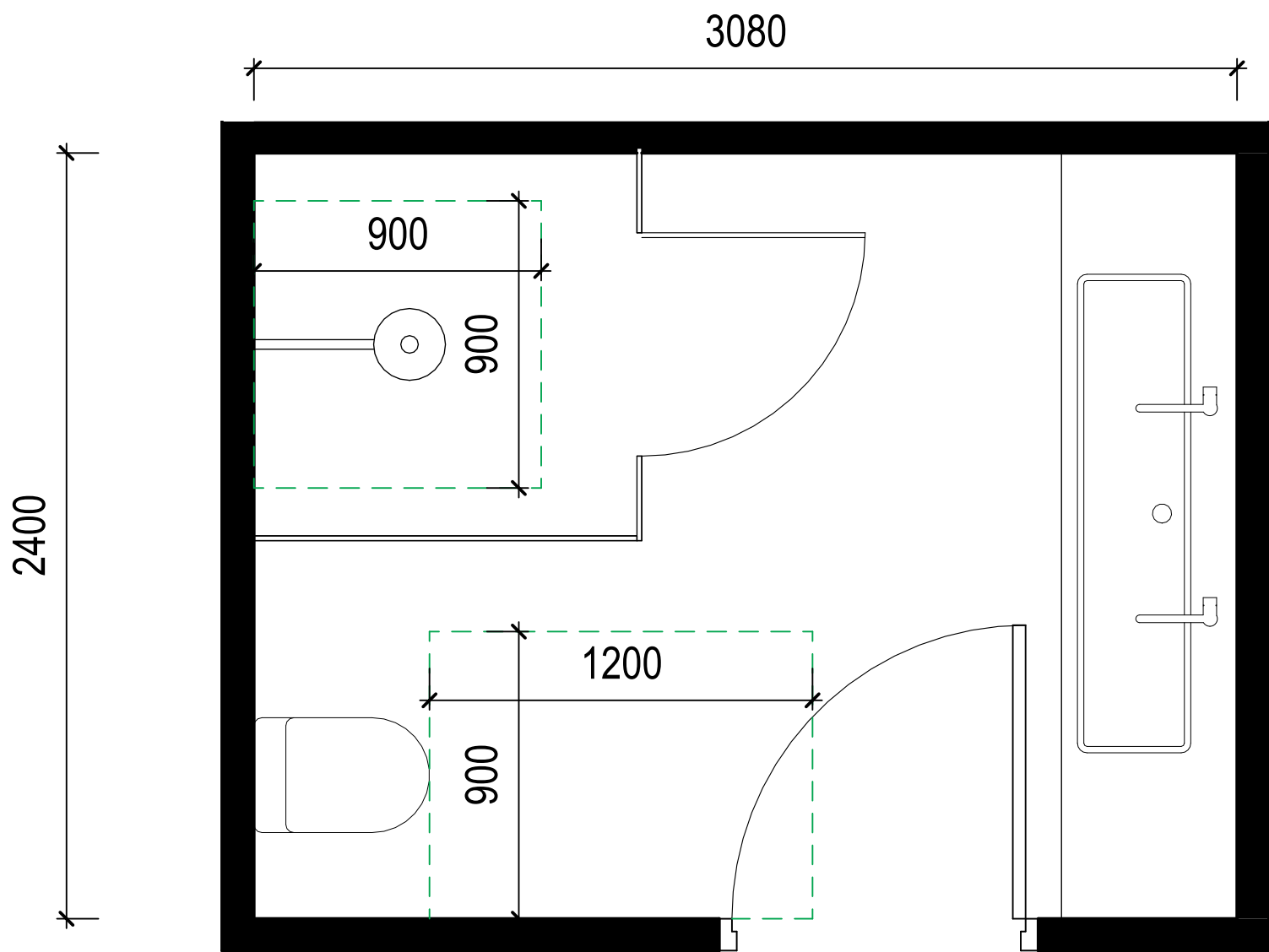
 DOOR CLEARANCE TO AS1428.1 FOR DOORS REQUIRED TO BE ACCESSIBLE

 MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES

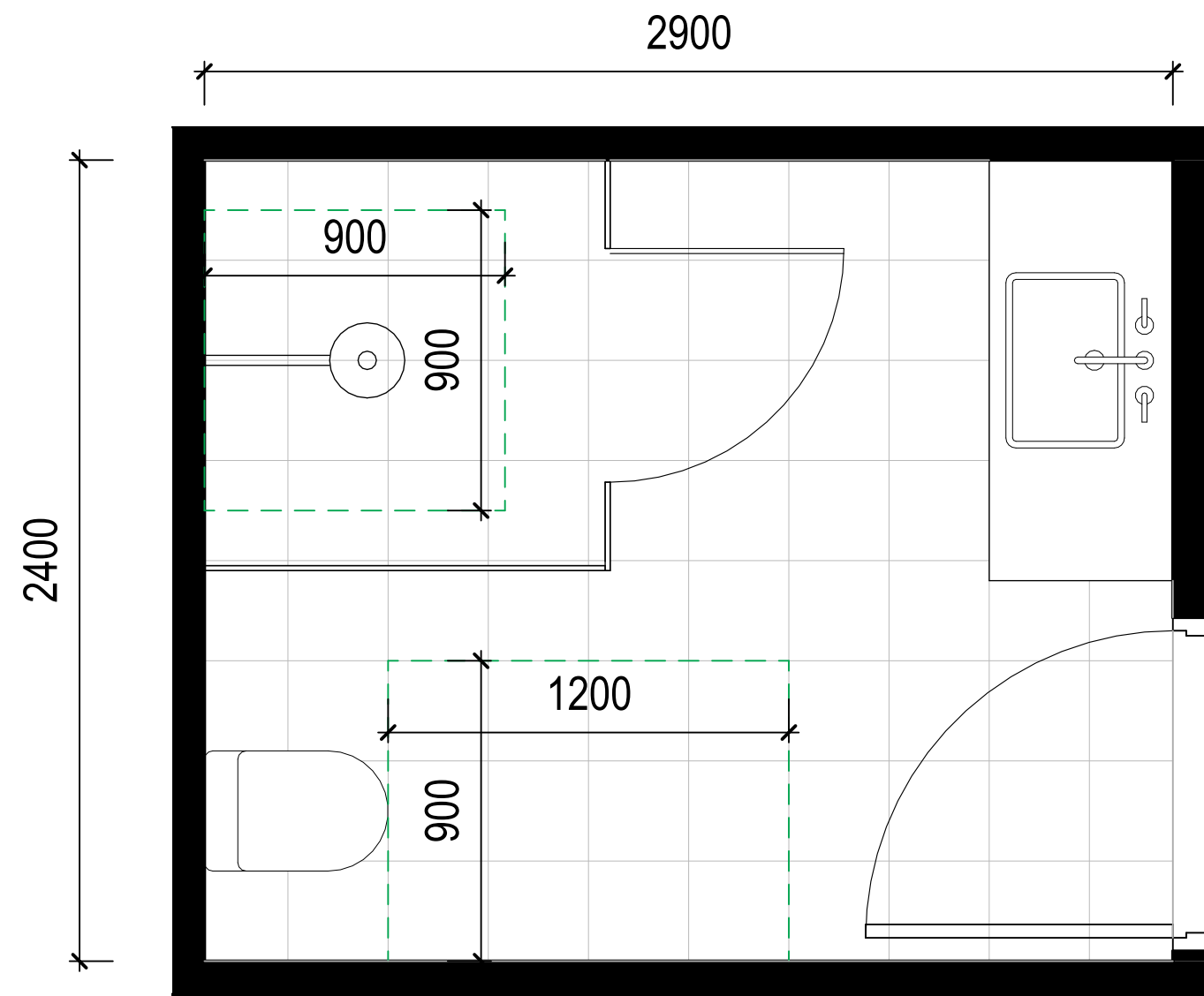
 MINIMUM BEDROOM SIZE TO ADG

 CROSS VENTILATION

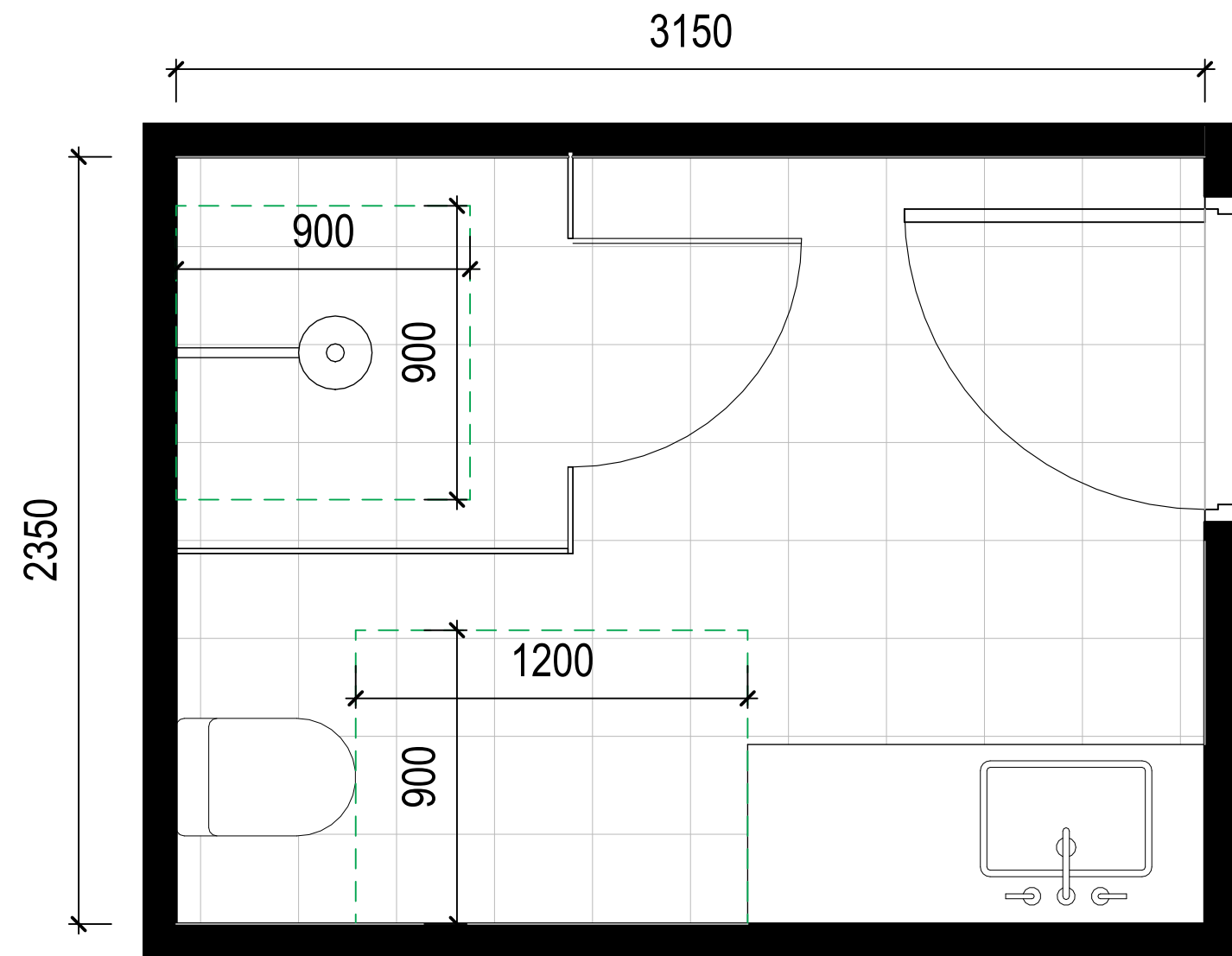




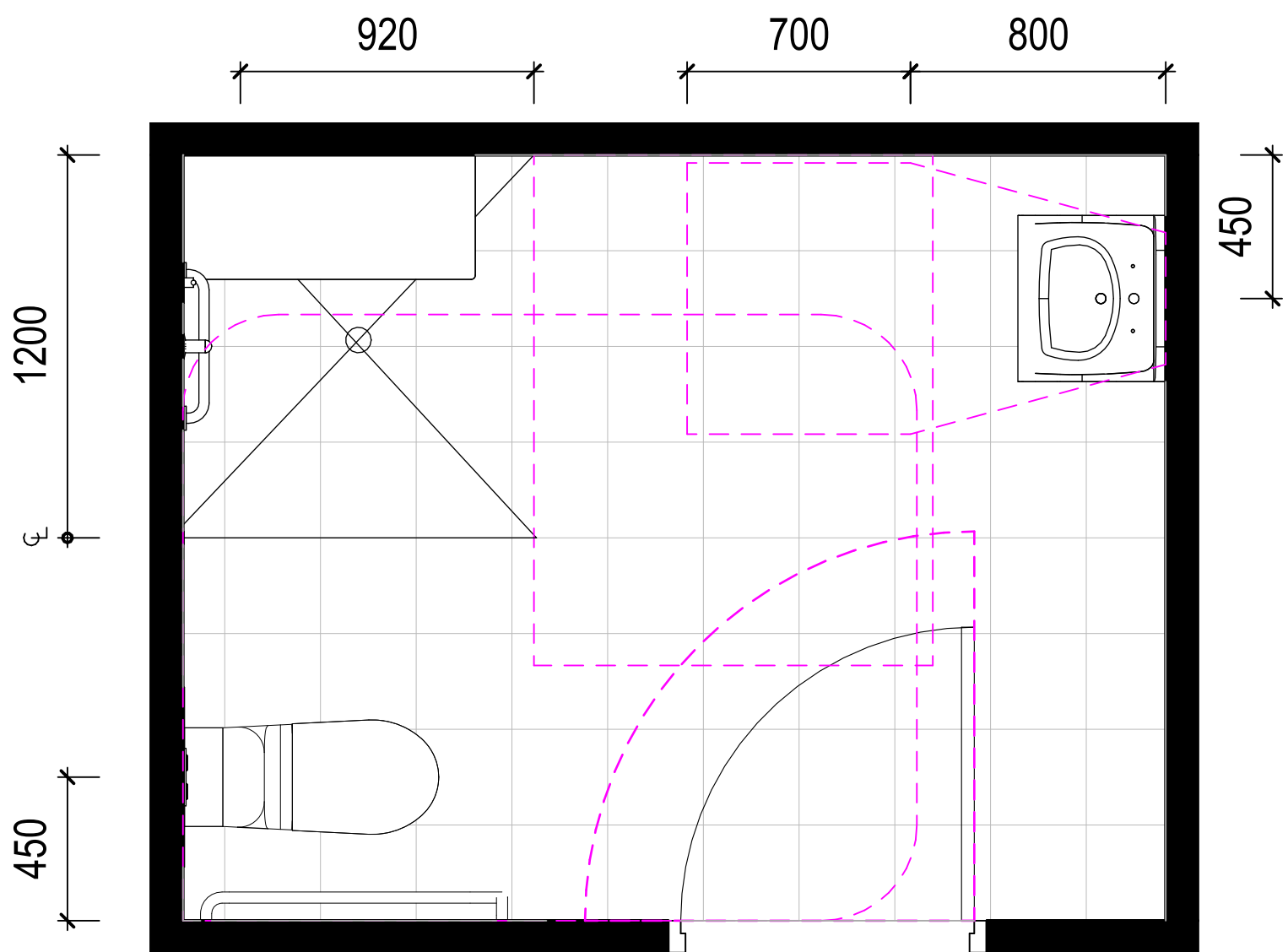
1 ENSUITE TYPE E1 - PRE ADAPTABLE
1 : 20



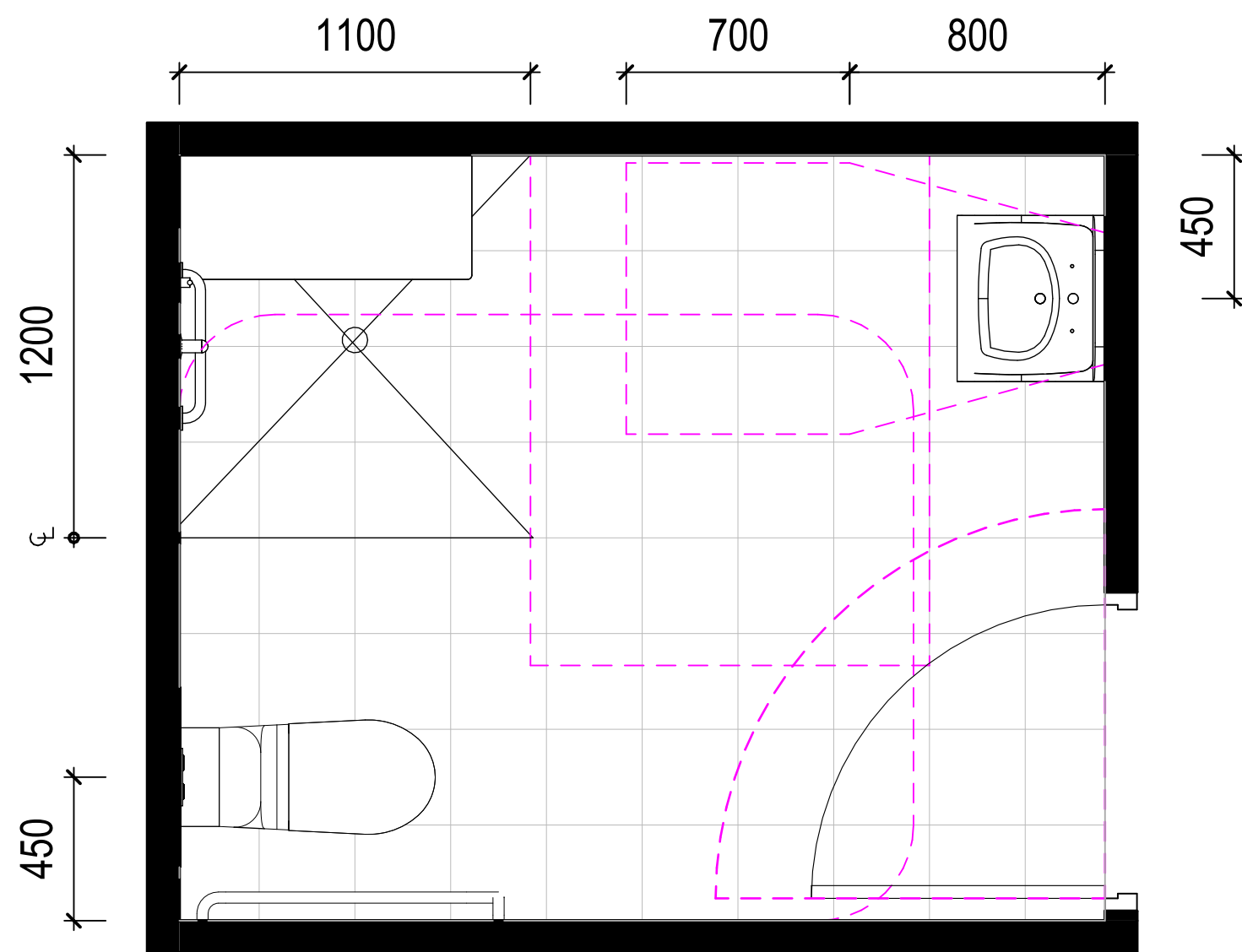
3 ENSUITE TYPE E2 - PRE ADAPTABLE
1 : 20



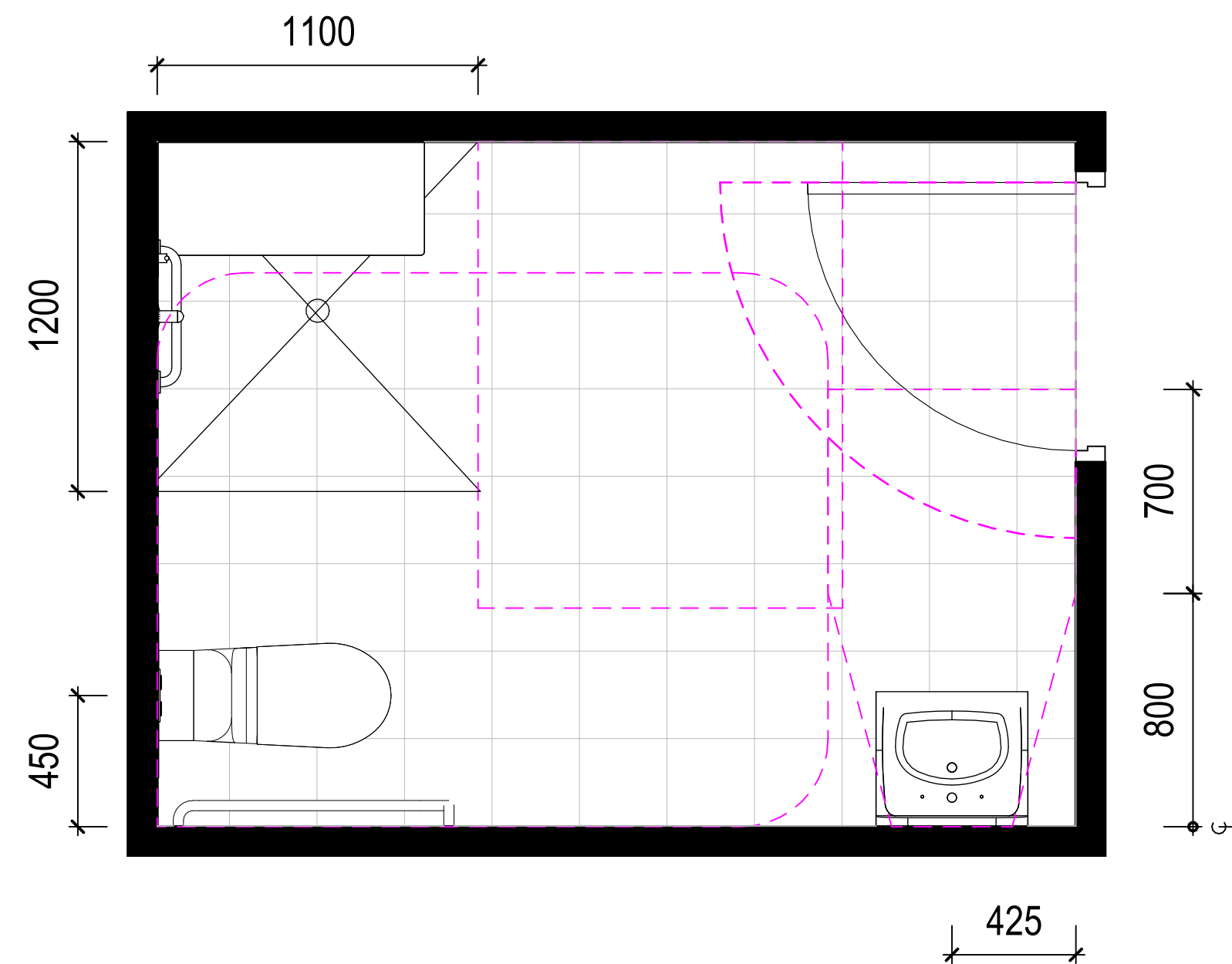
5 ENSUITE TYPE E3 - PRE ADAPTABLE
1 : 20



2 ENSUITE TYPE E1 - POST ADAPTABLE
1 : 20

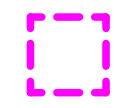


4 ENSUITE TYPE E2 - POST ADAPTABLE
1 : 20



6 ENSUITE TYPE E3 - POST ADAPTABLE
1 : 20

ADAPTABLE UNIT LEGEND

 CLEARANCE TO AS1428.1 FOR DOORS & PLUMBING FIXTURES REQUIRED TO BE ACCESSIBLE

 MINIMUM SILVER LEVEL CIRCULATION REQUIREMENT FOR BATHROOMS, PER LIVEABLE HOUSING DESIGN GUIDELINES



3D VIEW FROM CIVIC WAY - SOUTH FACADE

16A

12

05A

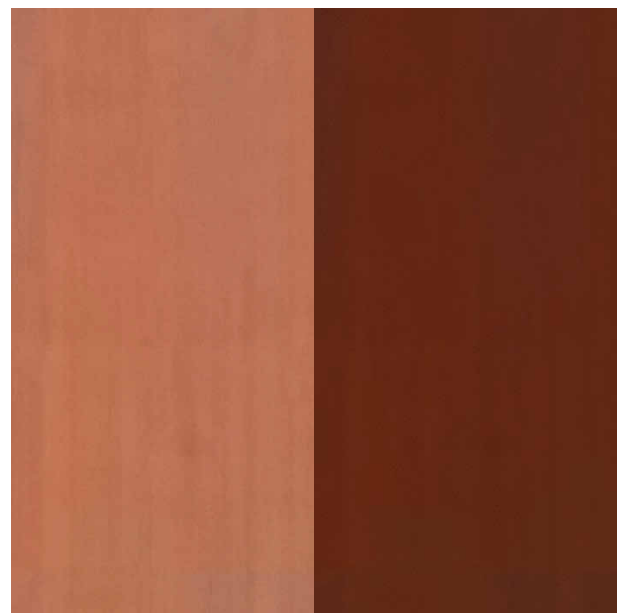
06

05B

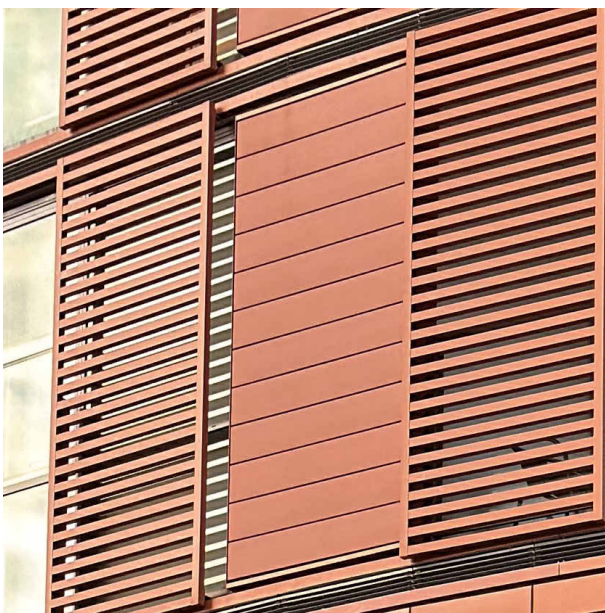
08

14

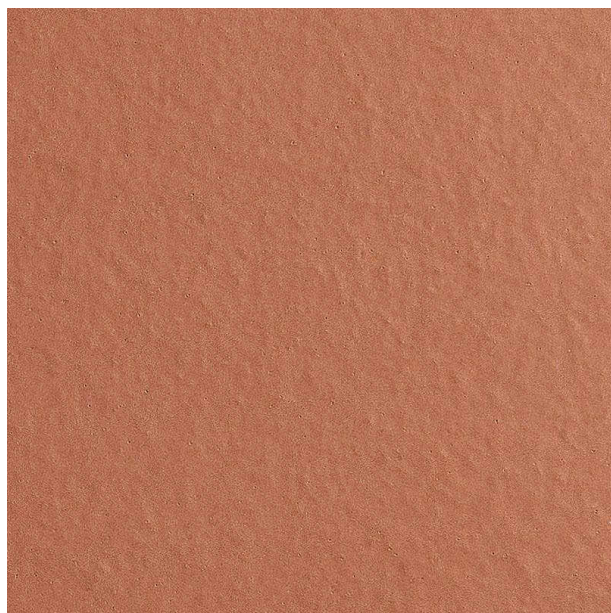
13



01A - OCHRE ALUMINIUM
01B - DARK OCHER ALUMINIUM



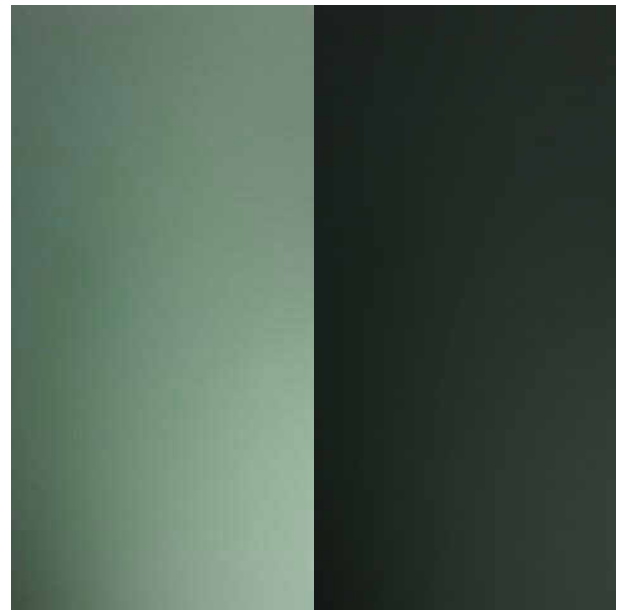
02 - ALUMINIUM SCREENS -
ORCHE



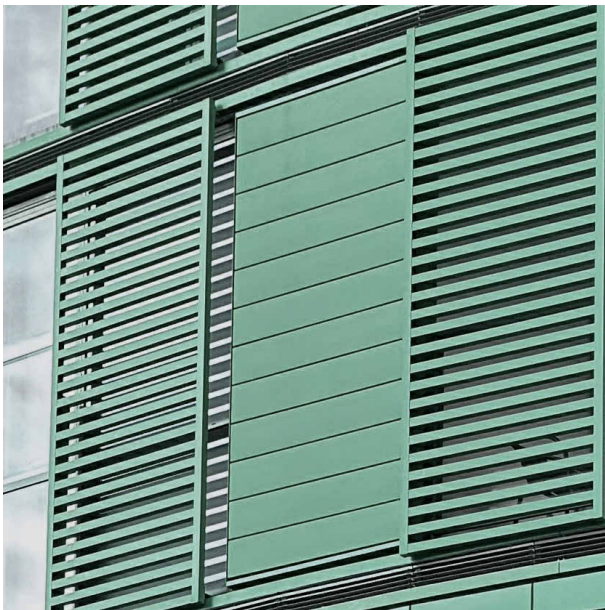
03 - SOLID PANEL - ORCHE



04 - SOLID PANEL WITH
HORIZONTAL GROOVES -
OCHRE



05A - GREEN OXIDE ALUMINIUM
05B - DARK GREEN OXIDE
ALUMINIUM



06 - ALUMINIUM SCREENS -
GREEN OXIDE



07 - SOLID PANEL - GREEN
OXIDE



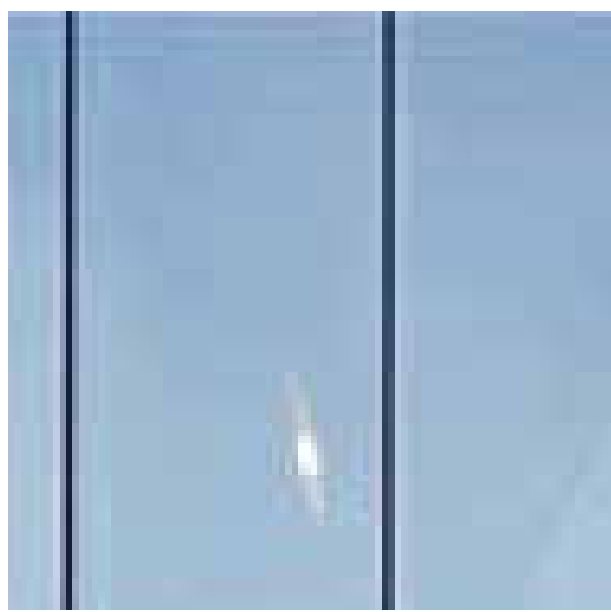
08 - SOLID PANEL WITH
HORIZONTAL GROOVES -
GREEN OXIDE



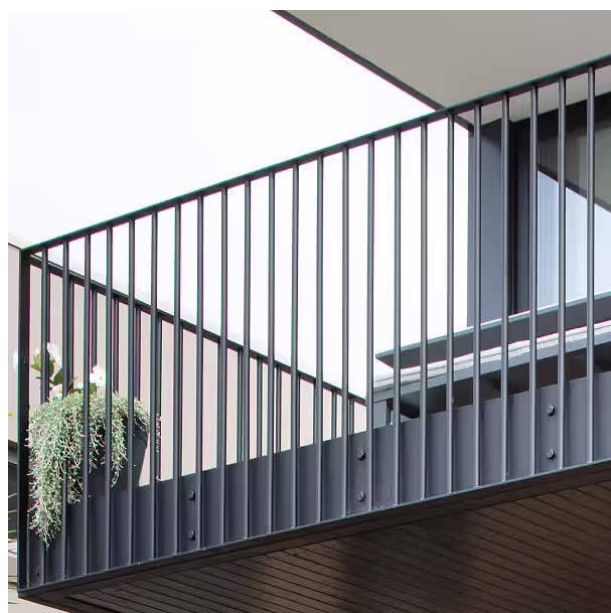
09 - DARK BRICKWORK



11 - LIGHT METAL CLADDING



13 - CLEAR GLAZING



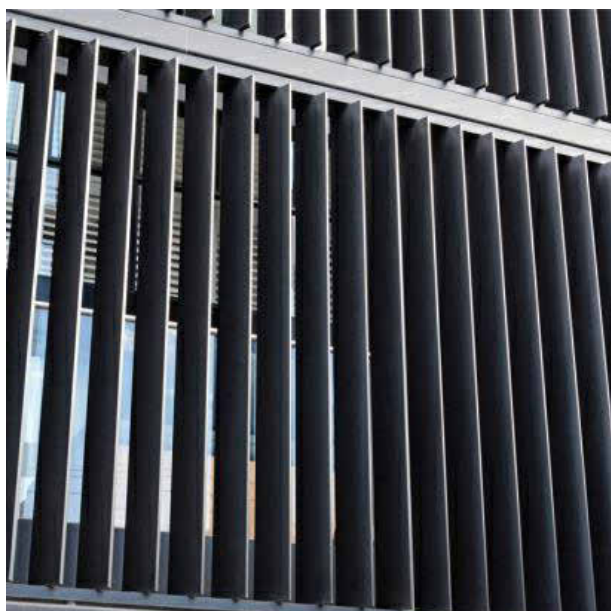
15 - DARK SLATTED METAL
BALUSTRADE



17 - DARK METAL AWNING WITH
GLAZED INFILL PANELS



10 - DARK METAL CLADDING



12 - DARK METAL
LOUVRE/SCREEN



14 - CLEAR GLAZING -
SPANRAL PANEL



16A - FRAMELESS GLASS
BALUSTRADE
16B - FRAMED GLASS BALUSTRADE



18 - GLAZED AWNING /
ROOF

ADG STORAGE SCHEDULE TULLICH						
ROOM NUMBER	REQUIRED STORAGE(OVERALL)	REQUIRED STORAGE (WITHIN UNIT)	ROOM NAME	STORAGE VOLUME	ADG COMPLIANCE - INTERNAL STORAGE PROVIDED	ADG COMPLIANCE - BASEMENT STORAGE REQUIRED

A.G01	10.00 m³	5.00 m³	3B	30.30 m³	Yes	0.00 m³
A.G02	8.00 m³	4.00 m³	2B	7.43 m³	Yes	0.57 m³
B.G01	8.00 m³	4.00 m³	2B	8.11 m³	Yes	0.00 m³
B.G02	10.00 m³	5.00 m³	3B	10.44 m³	Yes	0.00 m³
B.G03	8.00 m³	4.00 m³	2B	11.39 m³	Yes	0.00 m³
B.G04	8.00 m³	4.00 m³	2B	7.95 m³	Yes	0.05 m³
B.G05	8.00 m³	4.00 m³	2B	11.58 m³	Yes	0.00 m³

GROUND FLOOR: 34 87.20 m³

A.101	8.00 m³	4.00 m³	2B+S	10.61 m³	Yes	0.00 m³
A.102	8.00 m³	4.00 m³	2B+S	6.03 m³	Yes	1.97 m³
A.103	10.00 m³	5.00 m³	3B	20.40 m³	Yes	0.00 m³
A.104	10.00 m³	5.00 m³	3B	9.69 m³	Yes	0.31 m³
A.105	8.00 m³	4.00 m³	2B	9.20 m³	Yes	0.00 m³
A.106	8.00 m³	4.00 m³	2B+S	9.12 m³	Yes	0.00 m³
A.107	6.00 m³	3.00 m³	1B	6.64 m³	Yes	0.00 m³
A.108	6.00 m³	3.00 m³	1B	10.85 m³	Yes	0.00 m³
B.101	6.00 m³	3.00 m³	ALA 1B	7.23 m³	Yes	0.00 m³
B.102	10.00 m³	5.00 m³	3B	5.05 m³	Yes	4.95 m³
B.103	10.00 m³	5.00 m³	3B	12.97 m³	Yes	0.00 m³
B.104	8.00 m³	4.00 m³	2B+S	6.49 m³	Yes	1.51 m³
B.105	8.00 m³	4.00 m³	2B	8.00 m³	Yes	0.00 m³
B.106	10.00 m³	5.00 m³	3B	11.93 m³	Yes	0.00 m³
B.107	8.00 m³	4.00 m³	2B+S	6.44 m³	Yes	1.56 m³
B.108	8.00 m³	4.00 m³	2B	7.22 m³	Yes	0.78 m³
B.109	8.00 m³	4.00 m³	2B+S	8.47 m³	Yes	0.00 m³
B.110	10.00 m³	5.00 m³	3B	12.97 m³	Yes	0.00 m³
B.111	8.00 m³	4.00 m³	2B+S	11.79 m³	Yes	0.00 m³

LEVEL 1: 85	181.10 m ³
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A.201	8.00 m³	4.00 m³	2B+S	10.61 m³	Yes	0.00 m³
A.202	8.00 m³	4.00 m³	2B+S	6.03 m³	Yes	1.97 m³
A.203	10.00 m³	5.00 m³	3B	20.40 m³	Yes	0.00 m³
A.204	10.00 m³	5.00 m³	3B	9.69 m³	Yes	0.31 m³
A.205	8.00 m³	4.00 m³	2B	9.20 m³	Yes	0.00 m³
A.206	8.00 m³	4.00 m³	2B+S	9.12 m³	Yes	0.00 m³
A.207	8.00 m³	4.00 m³	2B	6.07 m³	Yes	1.93 m³
A.208	8.00 m³	4.00 m³	2B	6.15 m³	Yes	1.85 m³
A.209	10.00 m³	5.00 m³	3B	8.10 m³	Yes	1.90 m³
A.210	8.00 m³	4.00 m³	2B+S	8.47 m³	Yes	0.00 m³
A.211	6.00 m³	3.00 m³	1B	6.11 m³	Yes	0.00 m³
A.212	6.00 m³	3.00 m³	ALA 1B	7.23 m³	Yes	0.00 m³
A.213	10.00 m³	5.00 m³	3B	11.66 m³	Yes	0.00 m³
B.201	6.00 m³	3.00 m³	ALA 1B	7.23 m³	Yes	0.00 m³
B.202	10.00 m³	5.00 m³	3B	5.05 m³	Yes	4.95 m³
B.203	10.00 m³	5.00 m³	3B	12.97 m³	Yes	0.00 m³
B.204	8.00 m³	4.00 m³	2B+S	6.49 m³	Yes	1.51 m³
B.205	8.00 m³	4.00 m³	2B	8.00 m³	Yes	0.00 m³
B.206	10.00 m³	5.00 m³	3B	11.93 m³	Yes	0.00 m³
B.207	8.00 m³	4.00 m³	2B+S	6.44 m³	Yes	1.56 m³
B.208	8.00 m³	4.00 m³	2B	7.22 m³	Yes	0.78 m³
B.209	8.00 m³	4.00 m³	2B+S	8.47 m³	Yes	0.00 m³
B.210	10.00 m³	5.00 m³	3B	12.97 m³	Yes	0.00 m³
B.211	8.00 m³	4.00 m³	2B+S	7.57 m³	Yes	0.43 m³
B.212	6.00 m³	3.00 m³	ALA 1B	7.23 m³	Yes	0.00 m³
B.213	10.00 m³	5.00 m³	3B	11.66 m³	Yes	0.00 m³

LEVEL 2: 112	232.05 m ³
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A.301	8.00 m³	4.00 m³	2B+S	10.61 m³	Yes	0.00 m³
A.302	8.00 m³	4.00 m³	2B+S	6.03 m³	Yes	1.97 m³

ADG STORAGE SCHEDULE TULLICH						
ROOM NUMBER	REQUIRED STORAGE(OVERALL)	REQUIRED STORAGE (WITHIN UNIT)	ROOM NAME	STORAGE VOLUME	ADG COMPLIANCE - INTERNAL STORAGE PROVIDED	ADG COMPLIANCE - BASEMENT STORAGE REQUIRED

A.303	10.00 m³	5.00 m³	3B	20.40 m³	Yes	0.00 m³
A.304	10.00 m³	5.00 m³	3B	9.69 m³	Yes	0.31 m³
A.305	8.00 m³	4.00 m³	2B	9.20 m³	Yes	0.00 m³
A.306	8.00 m³	4.00 m³	2B+S	9.12 m³	Yes	0.00 m³
A.307	8.00 m³	4.00 m³	2B	6.07 m³	Yes	1.93 m³
A.308	8.00 m³	4.00 m³	2B	6.15 m³	Yes	1.85 m³
A.309	10.00 m³	5.00 m³	3B	8.10 m³	Yes	1.90 m³
A.310	8.00 m³	4.00 m³	2B+S	8.47 m³	Yes	0.00 m³
A.311	6.00 m³	3.00 m³	1B	6.11 m³	Yes	0.00 m³
A.312	6.00 m³	3.00 m³	ALA 1B	7.23 m³	Yes	0.00 m³
A.313	10.00 m³	5.00 m³	3B	11.66 m³	Yes	0.00 m³
B.301	6.00 m³	3.00 m³	ALA 1B	7.23 m³	Yes	0.00 m³
B.302	10.00 m³	5.00 m³	3B	5.05 m³	Yes	4.95 m³
B.303	10.00 m³	5.00 m³	3B	12.97 m³	Yes	0.00 m³
B.304	8.00 m³	4.00 m³	2B+S	6.49 m³	Yes	1.51 m³
B.305	8.00 m³	4.00 m³	2B	8.00 m³	Yes	0.00 m³
B.306	10.00 m³	5.00 m³	3B	11.93 m³	Yes	0.00 m³
B.307	8.00 m³	4.00 m³	2B+S	6.44 m³	Yes	1.56 m³
B.308	8.00 m³	4.00 m³	2B	7.22 m³	Yes	0.78 m³
B.309	8.00 m³	4.00 m³	2B+S	8.47 m³	Yes	0.00 m³
B.310	10.00 m³	5.00 m³	3B	12.97 m³	Yes	0.00 m³
B.311	8.00 m³	4.00 m³	2B+S	7.57 m³	Yes	0.43 m³
B.312	6.00 m³	3.00 m³	ALA 1B	7.23 m³	Yes	0.00 m³
B.313	10.00 m³	5.00 m³	3B	11.66 m³	Yes	0.00 m³

LEVEL 3: 112	232.05 m ³
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A.401	8.00 m³	4.00 m³	2B+S	10.61 m³	Yes	0.00 m³
A.402	8.00 m³	4.00 m³	2B+S	6.03 m³	Yes	1.97 m³
A.403	10.00 m³	5.00 m³	3B	20.40 m³	Yes	0.00 m³
A.404	10.00 m³	5.00 m³	3B	9.69 m³	Yes	0.31 m³
A.405	8.00 m³	4.00 m³	2B	9.20 m³	Yes	0.00 m³
A.406	8.00 m³	4.00 m³	2B+S	9.12 m³	Yes	0.00 m³
A.407	8.00 m³	4.00 m³	2B	6.07 m³	Yes	1.93 m³
A.408	8.00 m³	4.00 m³	2B	6.15 m³	Yes	1.85 m³
A.409	10.00 m³	5.00 m³	3B	8.10 m³	Yes	1.90 m³
A.410	10.00 m³	5.00 m³	3B	5.52 m³	Yes	4.48 m³
A.411	8.00 m³	4.00 m³	2B+S	7.28 m³	Yes	0.72 m³
A.412	10.00 m³	5.00 m³	3B	11.66 m³	Yes	0.00 m³
B.401	6.00 m³	3.00 m³	ALA 1B	7.23 m³	Yes	0.00 m³
B.402	10.00 m³	5.00 m³	3B	5.05 m³	Yes	4.95 m³
B.403	10.00 m³	5.00 m³	3B	12.97 m³	Yes	0.00 m³
B.404	8.00 m³	4.00 m³	2B+S	6.49 m³	Yes	1.51 m³
B.405	8.00 m³	4.00 m³	2B	8.00 m³	Yes	0.00 m³
B.406	10.00 m³	5.00 m³	3B	11.93 m³	Yes	0.00 m³
B.407	8.00 m³	4.00 m³	2B+S	6.44 m³	Yes	1.56 m³
B.408	8.00 m³	4.00 m³	2B	7.22 m³	Yes	0.78 m³
B.409	8.00 m³	4.00 m³	2B+S	8.47 m³	Yes	0.00 m³
B.410	10.00 m³	5.00 m³	3B	12.97 m³	Yes	0.00 m³
B.411	8.00 m³	4.00 m³	2B+S	7.57 m³	Yes	0.43 m³
B.412	6.00 m³	3.00 m³	ALA 1B	7.23 m³	Yes	0.00 m³
B.413	10.00 m³	5.00 m³	3B	11.66 m³	Yes	0.00 m³

LEVEL 4: 106	223.05 m ³
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A.501	8.00 m³	4.00 m³	2B+S	10.61 m³	Yes	0.00 m³
A.502	8.00 m³	4.00 m³	2B+S	6.03 m³	Yes	1.97 m³
A.503	10.00 m³	5.00 m³	3B	20.40 m³	Yes	0.00 m³
A.504	10.00 m³	5.00 m³	3B	9.69 m³	Yes	0.31 m³

ADG STORAGE SCHEDULE TULLICH						
ROOM NUMBER	REQUIRED STORAGE(OVERALL)	REQUIRED STORAGE (WITHIN UNIT)	ROOM NAME	STORAGE VOLUME	ADG COMPLIANCE - INTERNAL STORAGE PROVIDED	ADG COMPLIANCE - BASEMENT STORAGE REQUIRED

A.505	8.00 m³	4.00 m³	2B	9.20 m³	Yes	0.00 m³
A.506	8.00 m³	4.00 m³	2B+S	9.12 m³	Yes	0.00 m³
A.507	8.00 m³	4.00 m³	2B	6.07 m³	Yes	1.93 m³
A.508	8.00 m³	4.00 m³	2B	6.15 m³	Yes	1.85 m³
A.509	10.00 m³	5.00 m³	3B	8.10 m³	Yes	1.90 m³
A.510	10.00 m³	5.00 m³	3B	5.52 m³	Yes	4.48 m³
A.511	8.00 m³	4.00 m³	2B+S	7.28 m³	Yes	0.72 m³
A.512	10.00 m³	5.00 m³	3B	11.66 m³	Yes	0.00 m³
B.501	6.00 m³	3.00 m³	ALA 1B	7.23 m³	Yes	0.00 m³
B.502	10.00 m³	5.00 m³	3B	5.05 m³	Yes	4.95 m³
B.503	10.00 m³	5.00 m³	3B	12.97 m³	Yes	0.00 m³
B.504	8.00 m³	4.00 m³	2B+S	6.49 m³	Yes	1.51 m³
B.505	8.00 m³	4.00 m³	2B	8.00 m³	Yes	0.00 m³
B.506	10.00 m³	5.00 m³	3B	11.93 m³	Yes	0.00 m³
B.507	8.00 m³	4.00 m³	2B+S	6.44 m³	Yes	1.56 m³
B.508	8.00 m³	4.00 m³	2B	7.22 m³	Yes	0.78 m³
B.509	8.00 m³	4.00 m³	2B+S	8.47 m³	Yes	0.00 m³
B.510	10.00 m³	5.00 m³	3B	12.97 m³	Yes	0.00 m³
B.511	8.00 m³	4.00 m³	2B+S	7.57 m³	Yes	0.43 m³
B.512	6.00 m³	3.00 m³	ALA 1B	7.23 m³	Yes	0.00 m³
B.513	10.00 m³	5.00 m³	3B	11.66 m³	Yes	0.00 m³

LEVEL 5: 106	223.05 m ³
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A.601	8.00 m³	4.00 m³	2B+S	10.61 m³	Yes	0.00 m³
A.602	8.00 m³	4.00 m³	2B+S	6.03 m³	Yes	1.97 m³
A.603	10.00 m³	5.00 m³	3B	20.40 m³	Yes	0.00 m³
A.604	10.00 m³	5.00 m³	3B	9.69 m³	Yes	0.31 m³
A.605	8.00 m³	4.00 m³	2B	9.20 m³	Yes	0.00 m³
A.606	8.00 m³	4.00 m³	2B+S	9.12 m³	Yes	0.00 m³
A.607	8.00 m³	4.00 m³	2B	6.07 m³	Yes	1.93 m³
A.608	8.00 m³	4.00 m³	2B	6.15 m³	Yes	1.85 m³
A.609	10.00 m³	5.00 m³	3B	8.10 m³	Yes	1.90 m³
A.610	10.00 m³	5.00 m³	3B	5.52 m³	Yes	4.48 m³
A.611	8.00 m³	4.00 m³	2B+S	7.28 m³	Yes	0.72 m³
A.612	10.00 m³	5.00 m³	3B	11.66 m³	Yes	0.00 m³
B.601	6.00 m³	3.00 m³	ALA 1B	7.23 m³	Yes	0.00 m³
B.602	10.00 m³	5.00 m³	3B	5.05 m³	Yes	4.95 m³
B.603	10.00 m³	5.00 m³	3B	12.97 m³	Yes	0.00 m³
B.604	8.00 m³	4.00 m³	2B+S	6.49 m³	Yes	1.51 m³
B.605	8.00 m³	4.00 m³	2B	8.00 m³	Yes	0.00 m³
B.606	10.00 m³	5.00 m³	3B	11.93 m³	Yes	0.00 m³
B.607	8.00 m³	4.00 m³	2B+S	6.44 m³	Yes	1.56 m³
B.608	8.00 m³	4.00 m³	2B	7.22 m³	Yes	0.78 m³
B.609	8.00 m³	4.00 m³	2B+S	8.47 m³	Yes	0.00 m³
B.610	10.00 m³	5.00 m³	3B	12.97 m³	Yes	0.00 m³
B.611	8.00 m³	4.00 m³	2B+S	7.57 m³	Yes	0.43 m³
B.612	6.00 m³	3.00 m³	ALA 1B	7.23 m³	Yes	0.00 m³
B.613	10.00 m³	5.00 m³	3B	11.66 m³	Yes	0.00 m³

LEVEL 6: 106 223.05 m³

A.701	8.00 m³	4.00 m³	2B+S	10.61 m³	Yes	0.00 m³
A.702	8.00 m³	4.00 m³	2B+S	6.03 m³	Yes	1.97 m³
A.703	10.00 m³	5.00 m³	3B	20.40 m³	Yes	0.00 m³
A.704	10.00 m³	5.00 m³	3B	9.69 m³	Yes	0.31 m³
A.705	8.00 m³	4.00 m³	2B	9.20 m³	Yes	0.00 m³
A.706	8.00 m³	4.00 m³	2B+S	9.12 m³	Yes	0.00 m³
A.707	8.00 m³	4.00 m³	2B	6.07 m³	Yes	1.93 m³
A.708	8.00 m³	4.00 m³	2B	6.15 m³	Yes	1.85 m³

Studio.SC
Formerly Scott Carver

Level 1, 1 Chifley Square Sydney NSW 2000 Australia
www.studiosc.com.au +61 2 9957 3988

[Project]

TULICH LIFESTYLE VILLAGE, ORAN PARK

[Client]

TULICH PROJECT MANAGEMENT PTY LTD

[Scale]

[Ref]

20240019

[Dwg No]

AD-DA83_101

[Rev]

**BASEMENT STORAGE
REQUIRED**

* REFER TO BASEMENT PLANS

* 1x storage cage provided in the basement per unit @ 2.7m² per storage cage

ADG STORAGE SCHEDULE TULLICH						
ROOM NUMBER	REQUIRED STORAGE(OVERALL)	REQUIRED STORAGE (WITHIN UNIT)	ROOM NAME	STORAGE VOLUME	ADG COMPLIANCE - INTERNAL STORAGE PROVIDED	ADG COMPLIANCE - BASEMENT STORAGE REQUIRED

A.709	10.00 m³	5.00 m³	3B	8.10 m³	Yes	1.90 m³
A.710	10.00 m³	5.00 m³	3B	5.52 m³	Yes	4.48 m³
A.711	8.00 m³	4.00 m³	2B+S	7.28 m³	Yes	0.72 m³
A.712	10.00 m³	5.00 m³	3B	11.66 m³	Yes	0.00 m³
B.701	10.00 m³	5.00 m³	3B	12.55 m³	Yes	0.00 m³
B.702	10.00 m³	5.00 m³	3B	9.06 m³	Yes	0.94 m³
B.703	8.00 m³	4.00 m³	2B	11.29 m³	Yes	0.00 m³
B.704	8.00 m³	4.00 m³	2B+S	8.07 m³	Yes	0.00 m³
B.705	8.00 m³	4.00 m³	2B	4.89 m³	Yes	3.11 m³
B.706	10.00 m³	5.00 m³	3B	8.40 m³	Yes	1.60 m³
B.707	10.00 m³	5.00 m³	3B	8.93 m³	Yes	1.07 m³
B.708	6.00 m³	3.00 m³	ALA 1B	7.23 m³	Yes	0.00 m³
B.709	10.00 m³	5.00 m³	3B	11.66 m³	Yes	0.00 m³

LEVEL 7: 80191.91 m³

A.801	8.00 m³	4.00 m³	2B+S	10.61 m³	Yes	0.00 m³
A.802	8.00 m³	4.00 m³	2B+S	6.03 m³	Yes	1.97 m³
A.803	10.00 m³	5.00 m³	3B	20.40 m³	Yes	0.00 m³
A.804	10.00 m³	5.00 m³	3B	9.69 m³	Yes	0.31 m³
A.805	8.00 m³	4.00 m³	2B	9.20 m³	Yes	0.00 m³
A.806	8.00 m³	4.00 m³	2B+S	9.12 m³	Yes	0.00 m³
A.807	8.00 m³	4.00 m³	2B	6.07 m³	Yes	1.93 m³
A.808	8.00 m³	4.00 m³	2B	6.15 m³	Yes	1.85 m³
A.809	10.00 m³	5.00 m³	3B	8.10 m³	Yes	1.90 m³
A.810	10.00 m³	5.00 m³	3B	5.52 m³	Yes	4.48 m³
A.811	8.00 m³	4.00 m³	2B+S	7.28 m³	Yes	0.72 m³
A.812	10.00 m³	5.00 m³	3B	11.66 m³	Yes	0.00 m³
B.801	10.00 m³	5.00 m³	3B	11.66 m³	Yes	0.00 m³

LEVEL 8: 51121.50 m³

A.901	8.00 m³	4.00 m³	2B+S	10.61 m³	Yes	0.00 m³
A.902	8.00 m³	4.00 m³	2B+S	6.03 m³	Yes	1.97 m³
A.903	10.00 m³	5.00 m³	3B	20.40 m³	Yes	0.00 m³
A.904	10.00 m³	5.00 m³	3B	13.38 m³	Yes	0.00 m³
A.905	10.00 m³	5.00 m³	3B	5.15 m³	Yes	4.85 m³
A.906	10.00 m³	5.00 m³	3B	13.97 m³	Yes	0.00 m³
A.907	8.00 m³	4.00 m³	2B	6.89 m³	Yes	1.11 m³
A.908	8.00 m³	4.00 m³	2B	6.77 m³	Yes	1.23 m³
A.909	10.00 m³	5.00 m³	3B	10.18 m³	Yes	0.00 m³

LEVEL 9: 4193.39 m³

Grand total: 8331808.36 m³

[Status] DEVELOPMENT APPLICATION

[Nom. Architect] THOMAS HANSEN /9527

[File] 20240019-AB-SK001-R24

[Print Date] 24/01/2025 2:18:14 PM

History

[Rev#]	[Description]	[Date]dd.mm.yy
A	DRAFT DA SET	13.09.2024
1	DA SUBMISSION	22.10.2024

STORAGE LEGEND

BASEMENT STORAGE REQUIRED

* REFER TO BASEMENT PLANS

* 1x storage cage provided in the basement per unit @ 2.7m² per storage cage

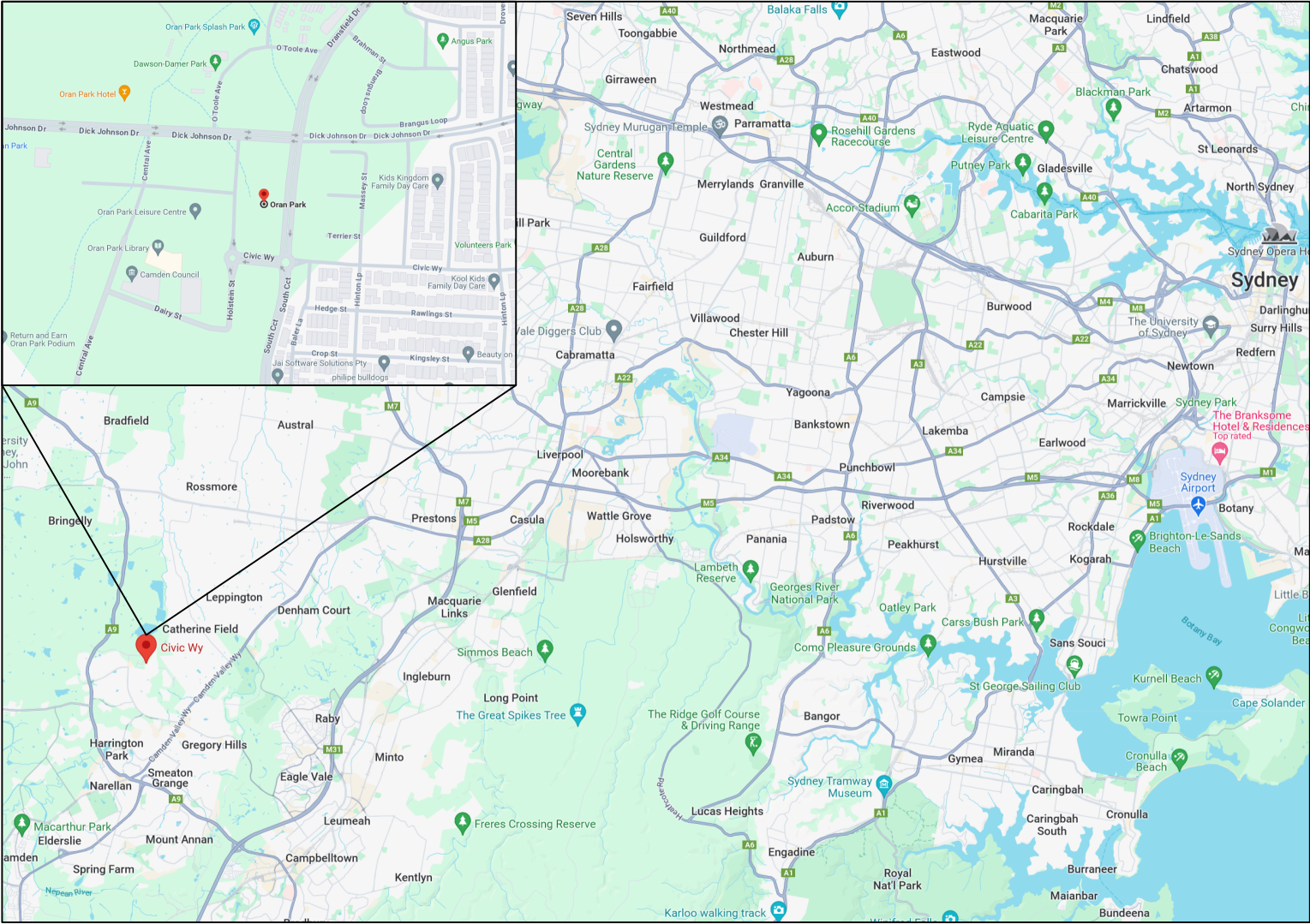
Tulich Lifestyle Village, Oran Park

LANDSCAPE DRAWINGS

LANDSCAPE DRAWINGS SHEET REGISTER

DWG NO.	DRAWING TITLE	SCALE	ISSUE
L-00	Cover Sheet	N/A	F
L-100	General Arrangement Plan: Ground Floor	1:500	F
L-100a	General Arrangement Plan: Southern Plaza and Western Plaza	1:250	F
L-100b	General Arrangement Plan: Northern Plaza	1:250	F
L-101	General Arrangement Plan: Level 1	1:500	F
L-101a	General Arrangement Plan: Level 1 Detail Plan	1:250	F
L-102	General Arrangement Plan: Level 8	1:500	F
L-102a	General Arrangement Plan: Level 8 Detail Plan	1:200	F
L-103	General Arrangement Plan: Level 9	1:200	F
L-103a	General Arrangement Plan: Level 9 Detail Plan	1:200	F
L-200	Planting Palette 1 of 2	N/A	F
L-201	Planting Palette 2 of 2	N/A	F
L-202	Planting Schedule	N/A	F
L-400	Sections: Ground Floor 1 of 2	AS SHOWN	F
L-401	Sections: Ground Floor 2 of 2	AS SHOWN	F
L-402	Sections: Level 1	AS SHOWN	F
L-403	Sections: Level 8	AS SHOWN	F
L-404	Sections: Level 9	AS SHOWN	F
L-500	Soil Depth Plan: Southern Plaza and Western Plaza	1:250	F
L-501	Soil Depth Plan: Northern Plaza	1:250	F
L-502	Soil Depth Plan: Level 1	1:250	F
L-503	Soil Depth Plan: Level 8	1:200	F
L-504	Soil Depth Plan: Level 9	1:200	F

LOCATION PLAN



NewScape

202/30 Kingsway, Cronulla NSW 2230
P: 2 9538 5003
E: info@newsapedesign.com.au
W: www.newsapedesign.com.au

DRAWING NOTES

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FOR DEVELOPMENT APPLICATION

ISSUE DESCRIPTION

A	FOR DEVELOPMENT APPLICATION
B	DRAFT DA FOR REVIEW
C	DRAFT DA FOR REVIEW
D	FOR DEVELOPMENT APPLICATION
E	FOR DEVELOPMENT APPLICATION
F	FOR DEVELOPMENT APPLICATION

BY

SS
EA
EA
EA
EA
EA
EA

APP'D

JN
JN
JN
JN
JN
JN
JN

DATE

26/8/2024
9/10/2024
11/10/2024
18/10/2024
21/10/2024
28/10/2024

NORTH



OTHER CONSULTANTS

Studio.SC
Planning & Design

CLIENT

Tulich (Oran Park)
Project Management Pty Ltd

SCALE

PROJECT

Tulich Lifestyle Village, Oran Park

DRAWING TITLE

Cover Sheet

SCALE

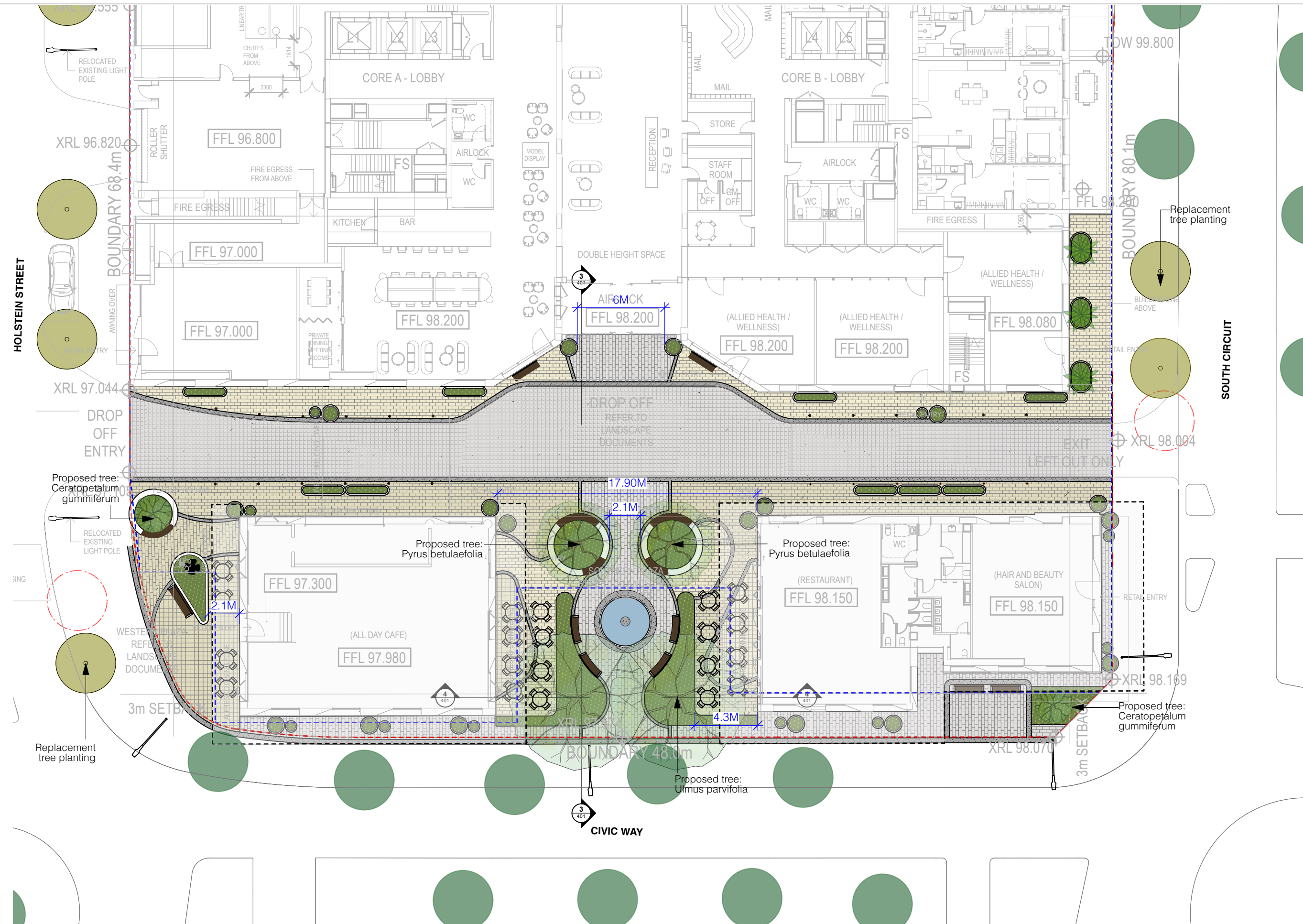
N/A
FOR DEVELOPMENT APPLICATION
EA
JN
28/10/2024
472

DRAWING NUMBER

L-00

ISSUE

F



LEGEND & NOTES

Legend

Symbol

Description

Site boundary

Basement outline

Paving & ancillaries

Stone pavers

Off form concrete planter wall

Softworks

Existing tree to be retained

Existing tree to be removed

Proposed tree

Garden bed

Furniture

Planting pots

Planter box

Cafe table

Bench seat

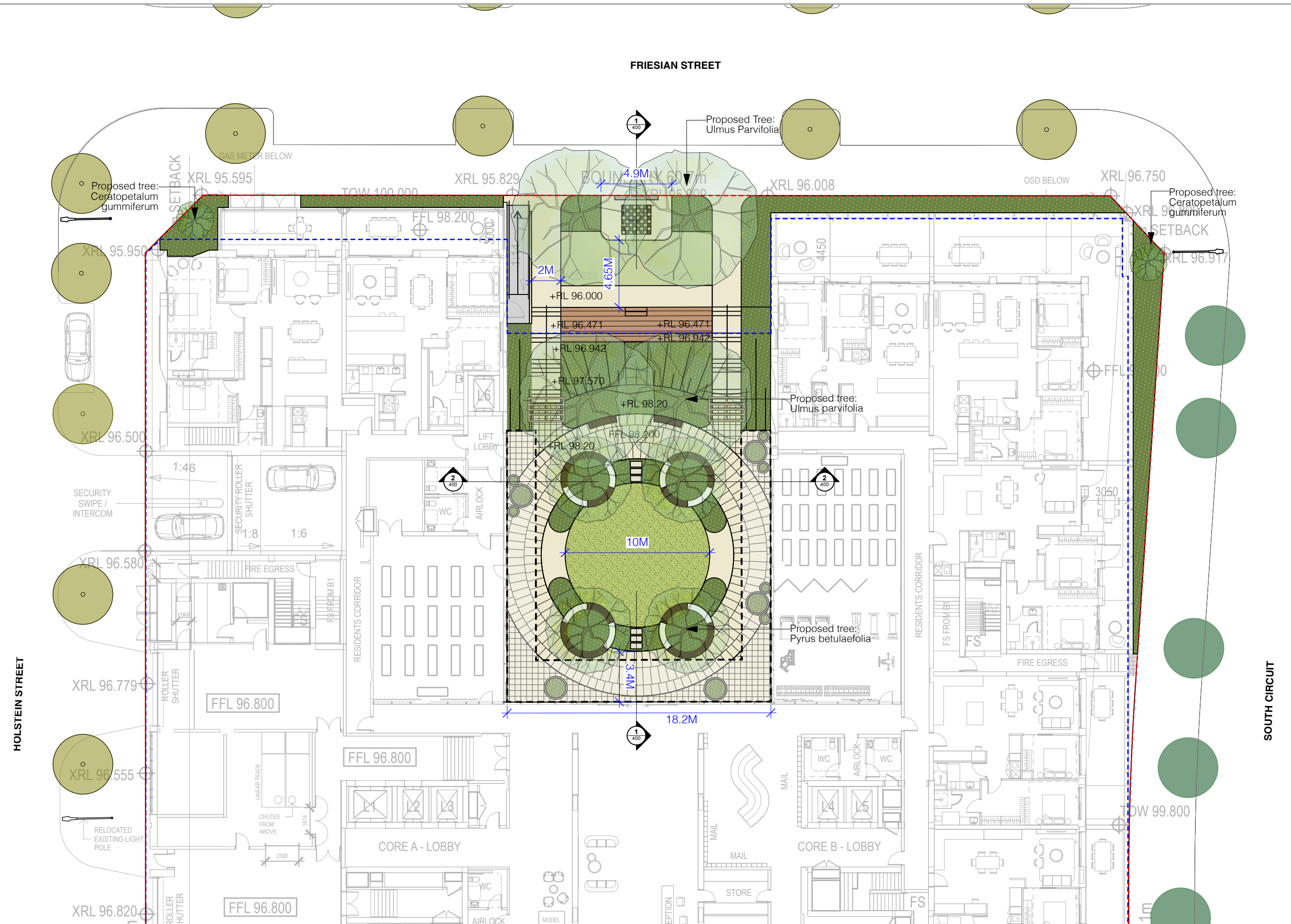
Seat with back and arm rest

Wall mounted seat

Building awning

Water feature

KEY PLAN



LEGEND & NOTES

Legend

Symbol

Description

Site boundary

Basement outline

Paving & ancillaries

Stone pavers

Off form concrete planter wall

Signage wall

Batterline

Softworks

Existing tree to be retained

Existing tree to be removed

Proposed tree

Synthetic turf

Turf

Garden bed

Furniture

Planting pots

Planter box

Bench seat

Wall mounted seat

Building awning

Pergola with climbing plants

Chess board

Step grab rail

KEY PLAN

NewScape

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FOR DEVELOPMENT APPLICATION

ISSUE	DESCRIPTION	BY	APP'D	DATE
A	DRAFT DA FOR REVIEW	EA	JN	26/8/2024
B	DRAFT DA FOR REVIEW	EA	JN	9/10/2024
C	DRAFT DA FOR REVIEW	EA	JN	11/10/2024
D	FOR DEVELOPMENT APPLICATION	EA	JN	18/10/2024
E	FOR DEVELOPMENT APPLICATION	EA	JN	21/10/2024
F	FOR DEVELOPMENT APPLICATION	EA	JN	28/10/2024
G	FOR DEVELOPMENT APPLICATION	EA	JN	4/11/2024
H	FOR INFORMATION	EA	SS	28/1/2025
I	FOR DEVELOPMENT APPLICATION	EA	JN	14/3/2025

NORTH

OTHER CONSULTANTS

Studio.SC

CLINT

TULICH

Tulich (Oran Park)
Project Management Pty Ltd

SCALE

0 1 2 3 4 5 m

PROJECT

Tulich Lifestyle Village, Oran Park

DRAWING TITLE

General Arrangement Plan: Northern Plaza

SCALE

1:250

STATUS

FOR DEVELOPMENT APPLICATION

DESIGNED/DRAWN

EA

VERIFIED

JN

DATE

14/3/2025

JOB NUMBER

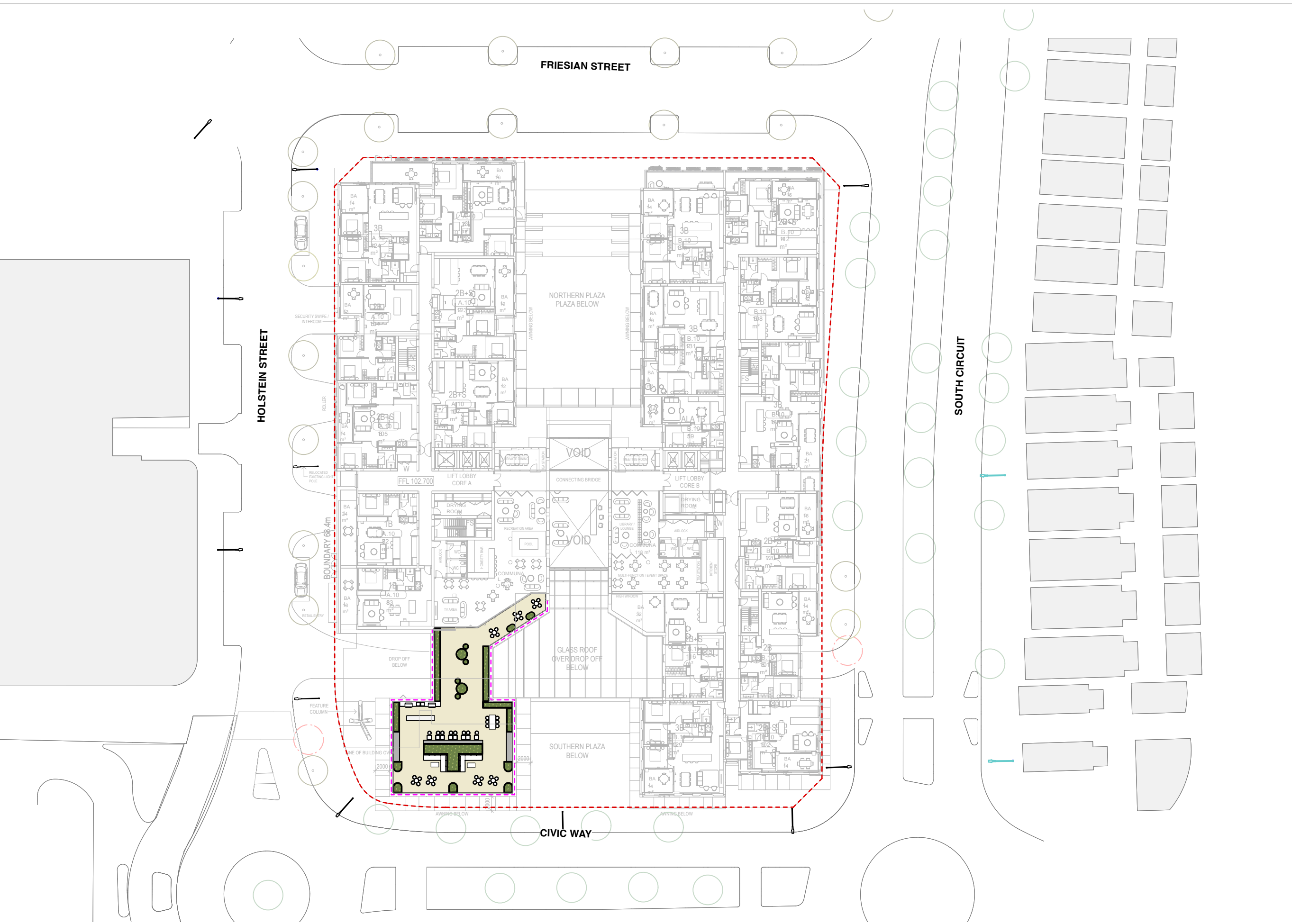
472

DRAWING NUMBER

L-100b

ISSUE

I



LEGEND & NOTES

Legend

Symbol

Description

Site boundary

Paving & ancillaries

Stone pavers

Softworks

Existing tree to be retained

Proposed tree

Garden bed

Furniture & Signage

Bistro seat

Lounge seat

BBQ

Kitchen bench

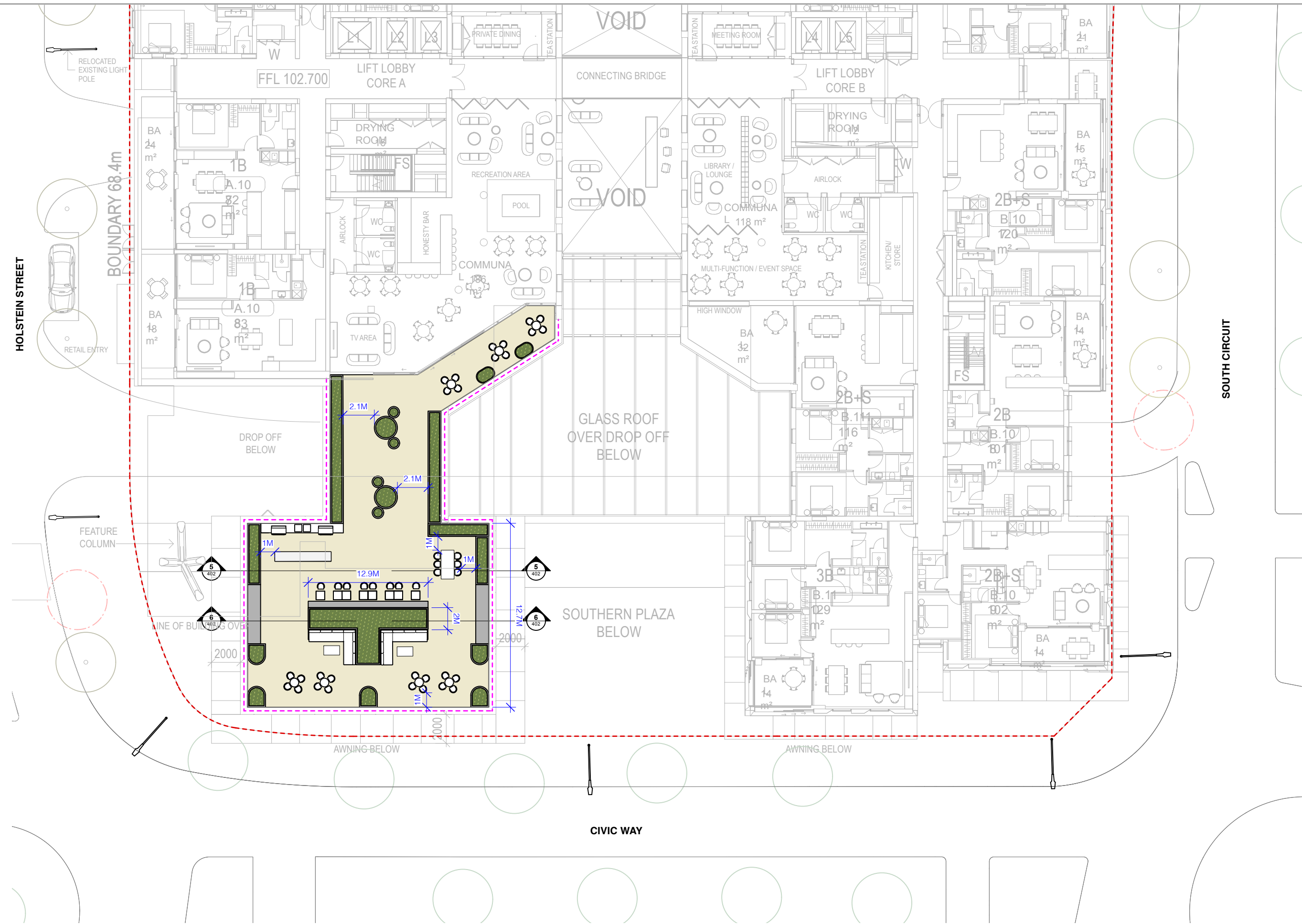
Planter box built booth seating

Long table

Planter box

0.4m high glass balustrade on top of 1.1m parapet

KEY PLAN



LEGEND & NOTES

Legend

Symbol

Description

Site boundary

Paving & ancillaries

Stone pavers

Softworks

Existing tree to be retained

Proposed tree

Garden bed

Furniture & Signage

Bistro seat

Lounge seat

BBQ

Kitchen bench

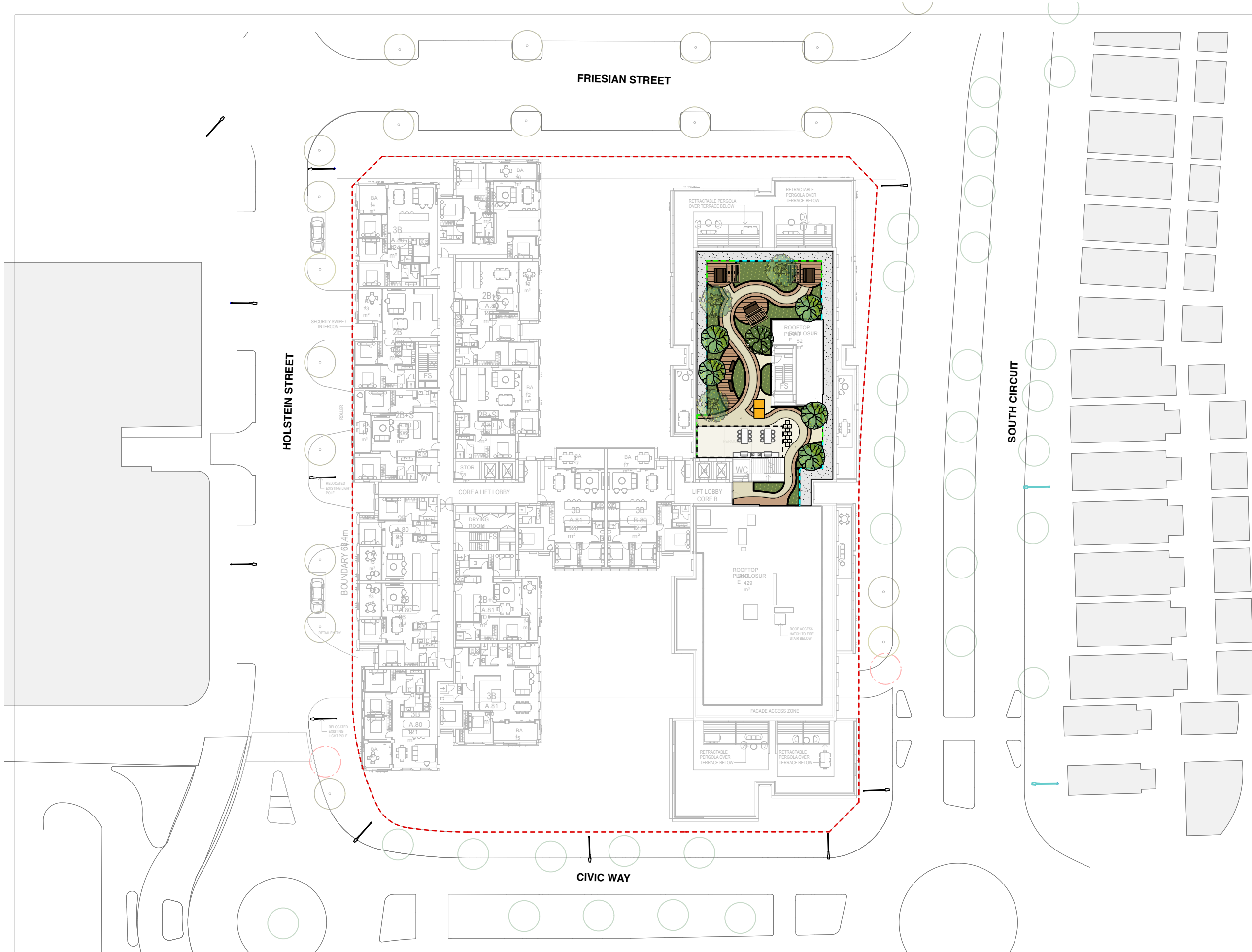
Planter box built booth seating

Long table

Planter box

0.4m high glass balustrade on top of 1.1m parapet

KEY PLAN



- LEGEND & NOTES
- Legend**
- | Symbol | Description |
|---------------------------------|--|
| | Site boundary |
| Paving & ancillaries | |
| | Concrete pavement to roof edge for facade service access |
| | Stone pavers |
| | Timber decking |
| Softworks | |
| | Proposed tree |
| | Garden bed in raised concrete planters |
| | Building awning |
| | BBQ |
| | Movable outdoor table setting |
| | Pergola with climbing plants |
| | Picnic table |
| | Seat with back and arm rest |
| | Chalkboard fixed to wall |
| | Hopscotch game painted on pavers |
| | Ping pong table |
| | 0.5m high glass balustrade on top of 1.1m parapet |
| | 1.6m high glass balustrade |

KEY PLAN

NewScape

202/30 Kingsway, Cronulla NSW 2230
P: 2 9538 5003
E: info@newsapedesign.com.au
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FOR DEVELOPMENT APPLICATION

ISSUE	DESCRIPTION	BY	APP'D	DATE
A	FOR DEVELOPMENT APPLICATION	SS	JN	26/8/2024
B	DRAFT DA FOR REVIEW	EA	JN	9/10/2024
C	DRAFT DA FOR REVIEW	EA	JN	11/10/2024
D	FOR DEVELOPMENT APPLICATION	EA	JN	18/10/2024
E	FOR DEVELOPMENT APPLICATION	EA	JN	21/10/2024
F	FOR DEVELOPMENT APPLICATION	EA	JN	28/10/2024

NORTH



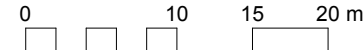
OTHER CONSULTANTS

Studio.SC
Planning & Design

CLIENT

TULICH
Library for a lifetime
Tulich (Oran Park)
Project Management Pty Ltd

SCALE



PROJECT

Tulich Lifestyle Village, Oran Park

DRAWING TITLE

General Arrangement Plan: Level 8

SCALE

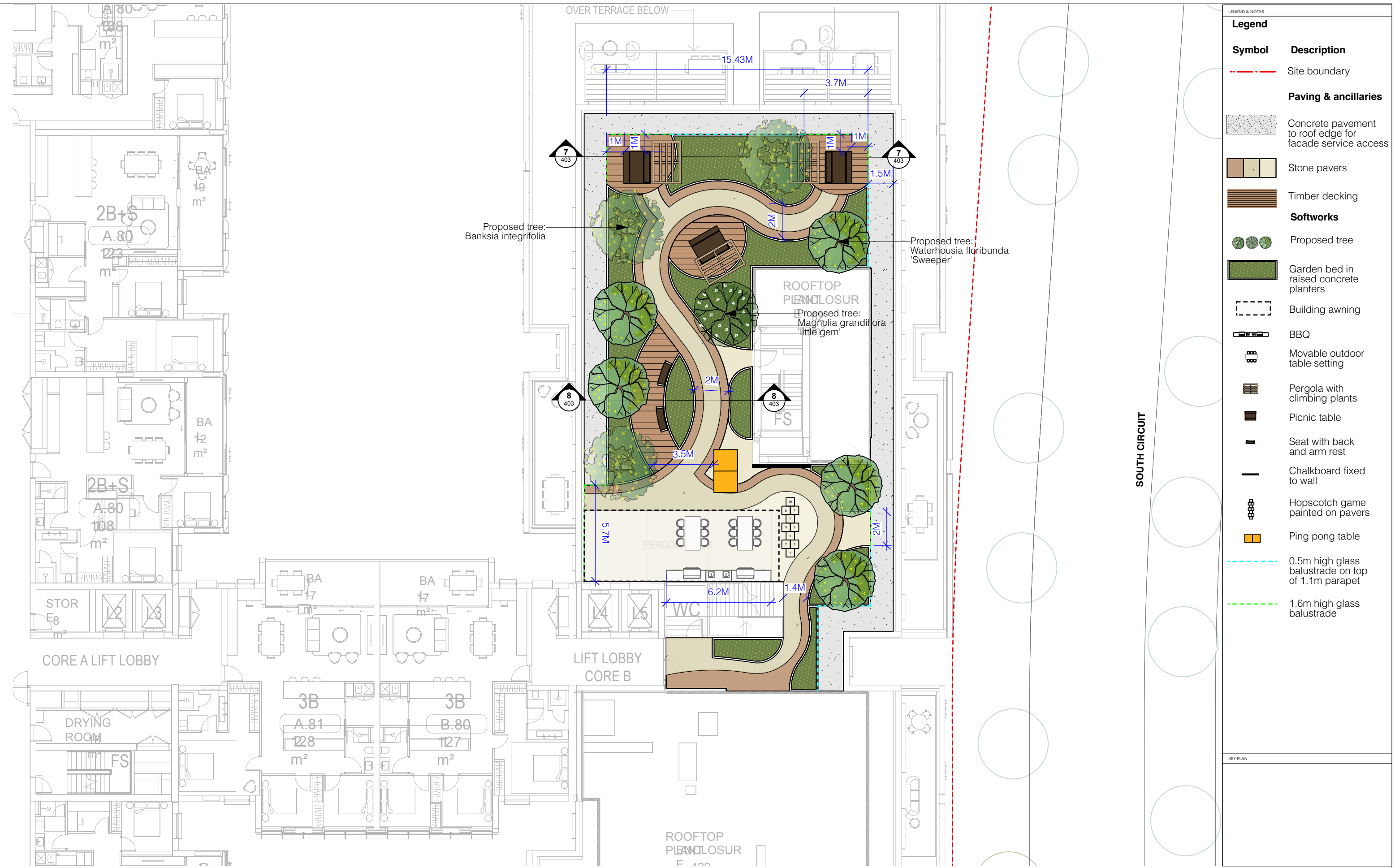
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FOR DEVELOPMENT APPLICATION
STATUS
DESIGNED/DRAWN
EA
VERIFIED
JN
DATE
28/10/2024
JOB NUMBER
472

DRAWING NUMBER

L-102

ISSUE

F



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FOR DEVELOPMENT APPLICATION

ISSUE	DESCRIPTION	BY	APP'D	DATE
A	FOR DEVELOPMENT APPLICATION	SS	JN	26/8/2024
B	DRAFT FOR REVIEW	EA	JN	9/10/2024
C	DRAFT FOR REVIEW	EA	JN	11/10/2024
D	FOR DEVELOPMENT APPLICATION	EA	JN	18/10/2024
E	FOR DEVELOPMENT APPLICATION	EA	JN	21/10/2024
F	FOR DEVELOPMENT APPLICATION	EA	JN	28/10/2024

NORTH

OTHER CONSULTANTS

Studio.SC
Planning & Design Centre

CLIENT

TULICH **Tulich (Oran Park)**
Project Management Pty Ltd

SCALE

0 1 2 3 4 5 m

PROJECT

Tulich Lifestyle Village, Oran Park

DRAWING TITLE

General Arrangement Plan: Level 8
Detail Plan

SCALE 1:200

STATUS FOR DEVELOPMENT APPLICATION

DESIGNED/DRAWN EA

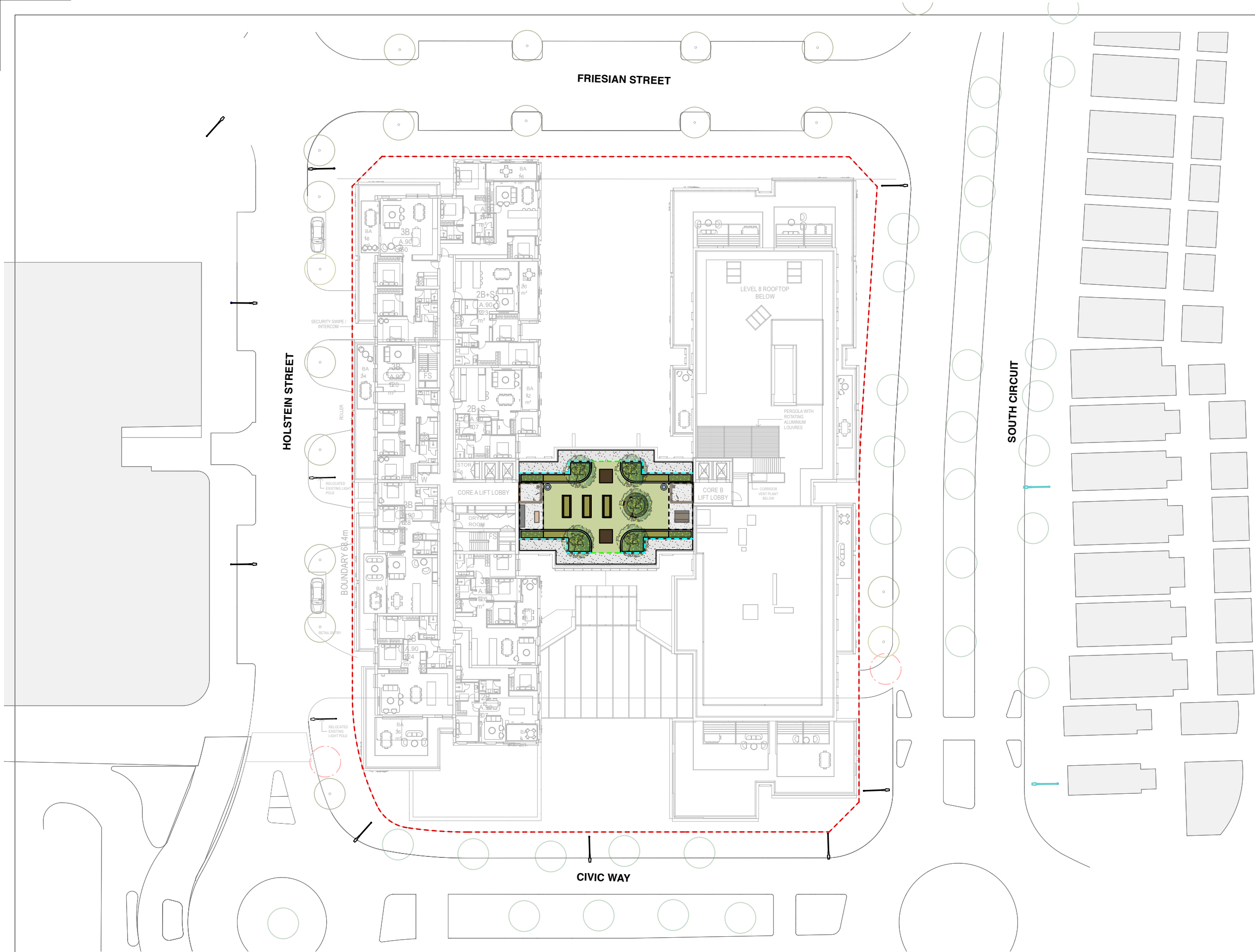
VERIFIED JN

DATE 28/10/2024

JOB NUMBER 472

DRAWING NUMBER **L-102a**

ISSUE **F**



Legend & Notes	
Legend	
Symbol	Description
	Site boundary
Paving & ancillaries	
	Concrete pavement to roof edge for facade service access
Softworks	
	Proposed tree
	Synthetic turf
	Garden bed in raised concrete planters
	Edible garden bed
Furniture	
	Table seat
	Timber bench seating wall
	Outdoor storage
	Potting table
	Picnic table
	Residents vegetable garden
	Building awning
	Dog friendly water fountain
	20L waste bin enclosure
	0.5m high glass balustrade on top of 1.1m parapet
	1.6m high glass balustrade

KEY PLAN

NewScape

202/30 Kingsway, Cronulla NSW 2230
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FOR DEVELOPMENT APPLICATION

ISSUE	DESCRIPTION	BY	APP'D	DATE
A	FOR DEVELOPMENT APPLICATION	SS	JN	26/8/2024
B	DRAFT DA FOR REVIEW	EA	JN	9/10/2024
C	DRAFT DA FOR REVIEW	EA	JN	11/10/2024
D	FOR DEVELOPMENT APPLICATION	EA	JN	18/10/2024
E	FOR DEVELOPMENT APPLICATION	EA	JN	21/10/2024
F	FOR DEVELOPMENT APPLICATION	EA	JN	28/10/2024

NORTH



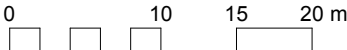
OTHER CONSULTANTS

Studio.SC
Planning & Design

CLIENT

TULICH
Lifestyle for a lifetime
Tulich (Oran Park)
Project Management Pty Ltd

SCALE



PROJECT

Tulich Lifestyle Village, Oran Park

DRAWING TITLE

General Arrangement Plan: Level 9

SCALE

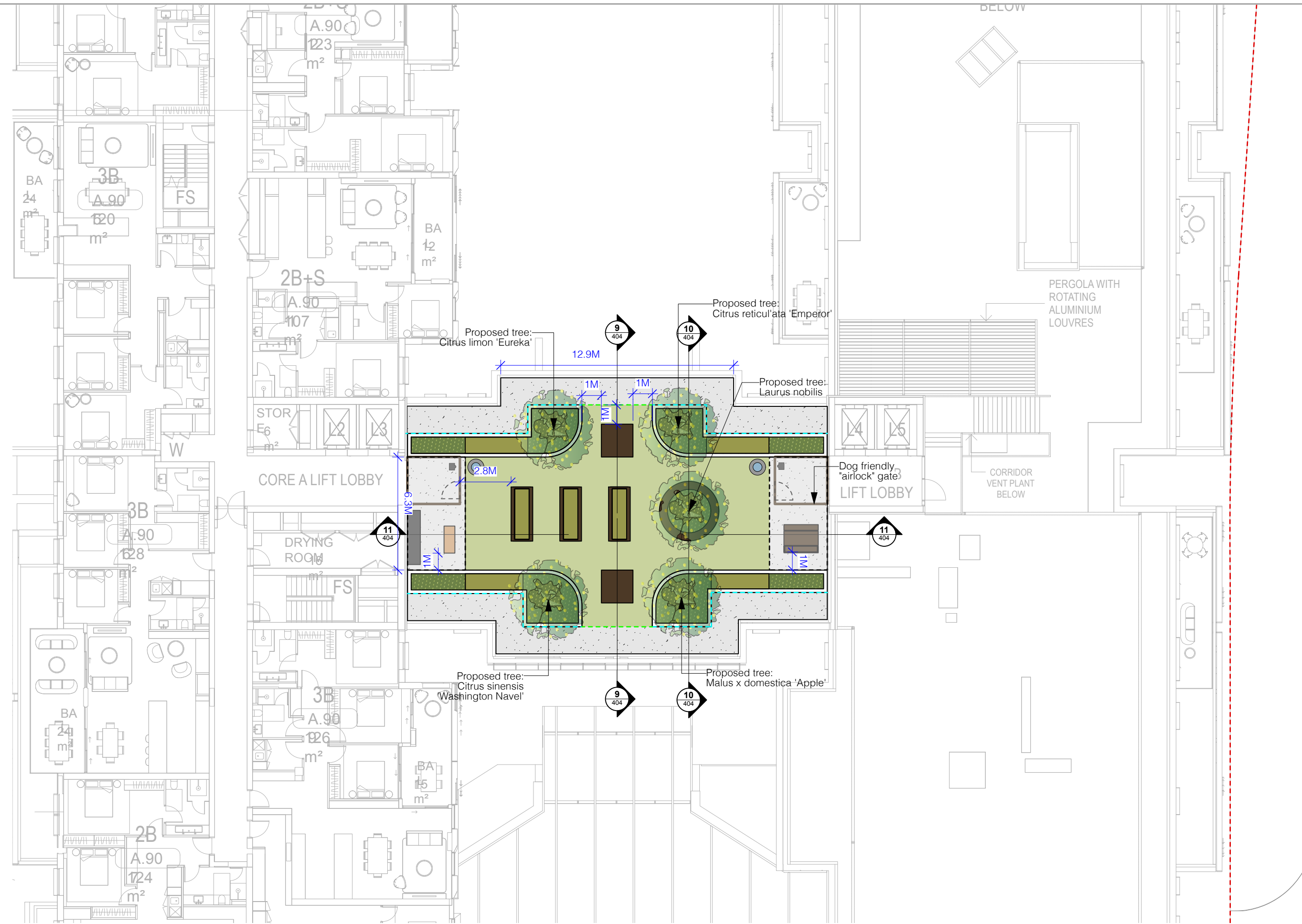
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STATUS FOR DEVELOPMENT APPLICATION
DESIGNED/DRAWN EA
VERIFIED JN
DATE 28/10/2024
JOB NUMBER 472

DRAWING NUMBER

L-103

ISSUE

F



LEGEND & NOTES

Legend

Symbol

Description

Site boundary

Paving & ancillaries

Concrete pavement to roof edge for facade service access

Softworks

Proposed tree

Synthetic turf

Garden bed in raised concrete planters

Edible garden bed

Furniture

Table seat

Timber bench seating wall

Outdoor storage

Potting table

Picnic table

Residents vegetable garden

Building awning

Dog friendly water fountain

20L waste bin enclosure

0.5m high glass balustrade on top of 1.1m parapet

1.6m high glass balustrade

KEY PLAN

NewScape

202/30 Kingsway, Cronulla NSW 2230
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W: www.newsapedesign.com.au

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FOR DEVELOPMENT APPLICATION

ISSUE

DESCRIPTION

BY

APP'D

DATE

A

FOR DEVELOPMENT APPLICATION

SS

JN

26/8/2024

B

DRAFT DA FOR REVIEW

EA

JN

9/10/2024

C

DRAFT DA FOR REVIEW

EA

JN

11/10/2024

D

FOR DEVELOPMENT APPLICATION

EA

JN

18/10/2024

E

FOR DEVELOPMENT APPLICATION

EA

JN

21/10/2024

F

FOR DEVELOPMENT APPLICATION

EA

JN

28/10/2024

NORTH

OTHER CONSULTANTS

Studio.SC

Planning & Design

CLIENT

TULICH

Tulich (Oran Park)
Project Management Pty Ltd

SCALE

0 1 2 3 4 5 m

PROJECT

Tulich Lifestyle Village, Oran Park

DRAWING TITLE

General Arrangement Plan: Level 9
Detail Plan

SCALE

1:200

STATUS

FOR DEVELOPMENT APPLICATION

DESIGNED/DRAWN

EA

VERIFIED

JN

DATE

28/10/2024

JOB NUMBER

472

DRAWING NUMBER

L-103a

ISSUE

F

GROUND COVERS



Chrysocephalum apiculatum



Hardenbergia violacea



Viola hederacea



Casuarina Cousin It



Dichondra argentea



Brachyscome multifida

TUSSOCK GRASSES



Themeda trianda



Poa labillardieri

CLIMBERS



Trachelospermum
jasminoides



Pandorea pandorana

FERNS

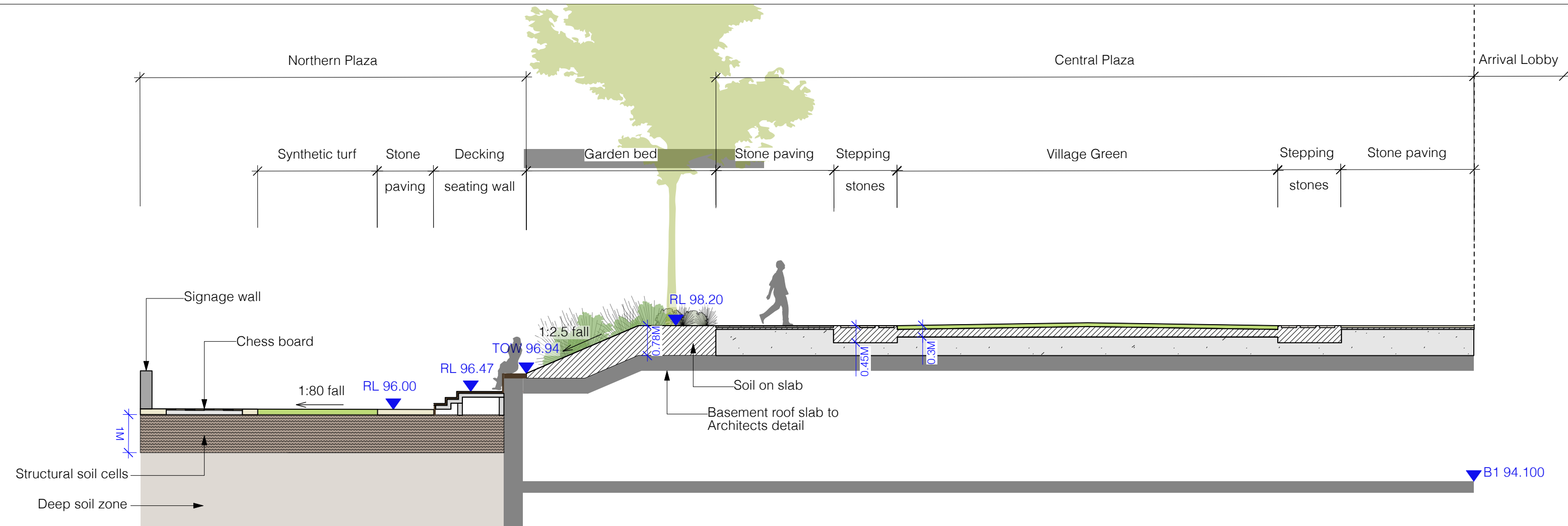


Asplenium nidus

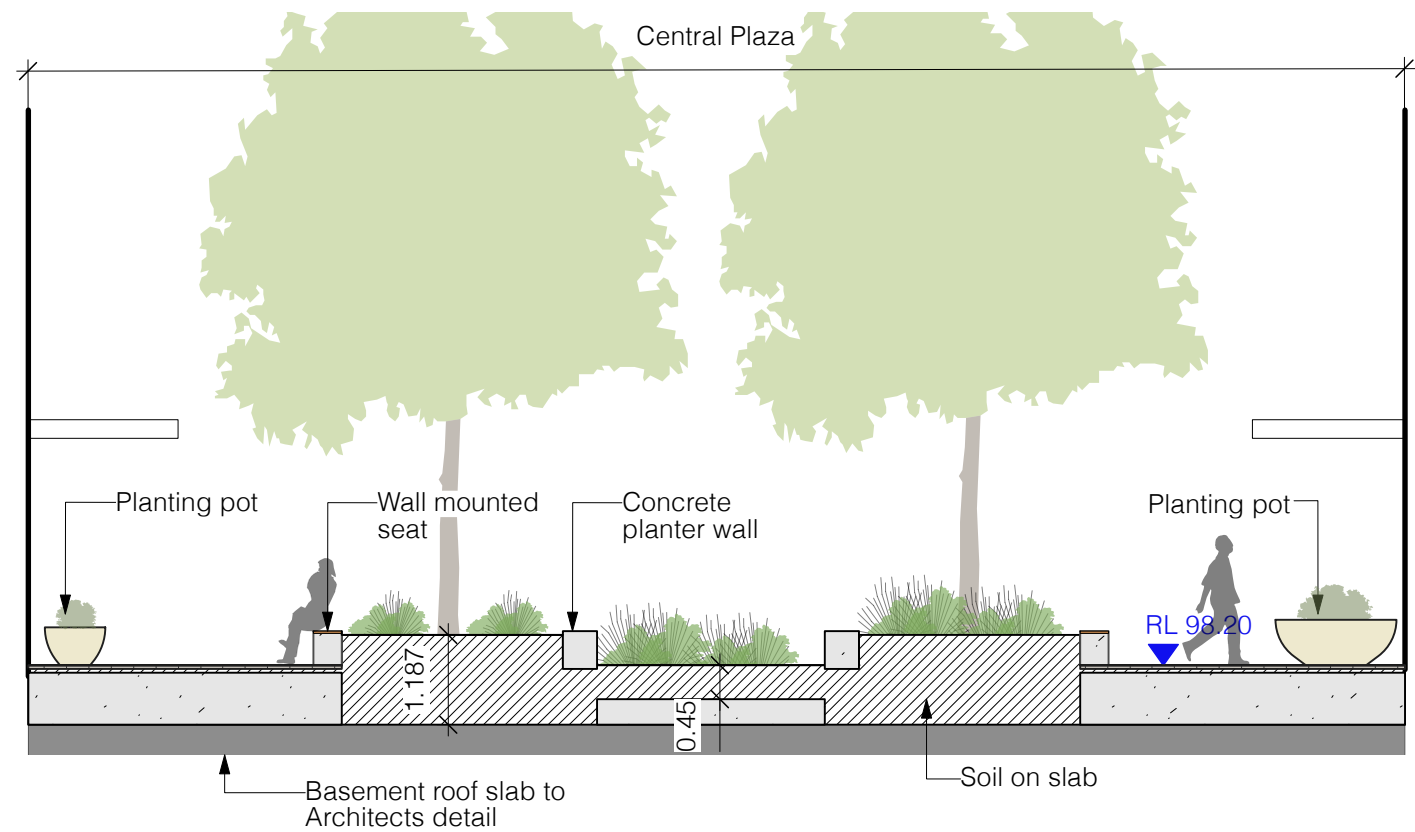


Nephrolepis exaltata

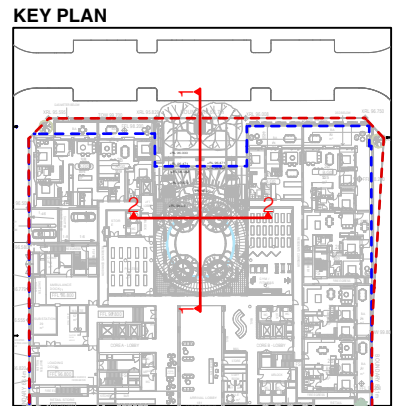
NewScape 202/30 Kingsway, Cronulla NSW 2230 P: 2 9538 5003 E: info@newsapedesign.com.au W: www.newsapedesign.com.au	DRAWING NOTES 1. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVERN. 2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE. 3. ALL DIMENSIONS SHALL BE VERIFIED ON SITE BEFORE PROCEEDING WITH THE WORK. 4. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS. 5. THE LEVELS SHOWN ON THIS PLAN HAVE BEEN BASED ON SURVEY BY GEOFFREY BROWNE, DATED MAY 2015. THIS DRAWING IS AN UNCONTROLLED COPY, UNLESS NOTED OTHERWISE. FOR DEVELOPMENT APPLICATION	<table><tr><th>ISSUE</th><th>DESCRIPTION</th><th>BY</th><th>APP'D</th><th>DATE</th></tr><tr><td>A</td><td>FOR DEVELOPMENT APPLICATION</td><td>SS</td><td>JN</td><td>26/8/2024</td></tr><tr><td>B</td><td>DRAFT DA FOR REVIEW</td><td>EA</td><td>JN</td><td>9/10/2024</td></tr><tr><td>C</td><td>DRAFT DA FOR REVIEW</td><td>EA</td><td>JN</td><td>11/10/2024</td></tr><tr><td>D</td><td>FOR DEVELOPMENT APPLICATION</td><td>EA</td><td>JN</td><td>18/10/2024</td></tr><tr><td>E</td><td>FOR DEVELOPMENT APPLICATION</td><td>EA</td><td>JN</td><td>21/10/2024</td></tr><tr><td>F</td><td>FOR DEVELOPMENT APPLICATION</td><td>EA</td><td>JN</td><td>28/10/2024</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>	ISSUE	DESCRIPTION	BY	APP'D	DATE	A	FOR DEVELOPMENT APPLICATION	SS	JN	26/8/2024	B	DRAFT DA FOR REVIEW	EA	JN	9/10/2024	C	DRAFT DA FOR REVIEW	EA	JN	11/10/2024	D	FOR DEVELOPMENT APPLICATION	EA	JN	18/10/2024	E	FOR DEVELOPMENT APPLICATION	EA	JN	21/10/2024	F	FOR DEVELOPMENT APPLICATION	EA	JN	28/10/2024																NORTH	OTHER CONSULTANTS SCALE Studio.SC Family Social Center CLIENT TULICH Liberty for a Lifetime Tulich (Oran Park) Project Management Pty Ltd	PROJECT Tulich Lifestyle Village, Oran Park DRAWING TITLE Planting Schedule	SCALE N/A STATUS FOR DEVELOPMENT APPLICATION DESIGNED/DRAWN EA VERIFIED JN DATE 28/10/2024 JOB NUMBER 472 DRAWING NUMBER L-202 ISSUE F
ISSUE	DESCRIPTION	BY	APP'D	DATE																																																				
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1 SECTION 1
Scale: 1:100



2 SECTION 2
Scale: 1:100



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F	FOR DEVELOPMENT APPLICATION	EA	JN	28/10/2024

OTHER CONSULTANTS

Studio.SC
Planning & Design

TULICH
Landscape for a better life

Tulich (Oran Park) Project Management Pty Ltd

PROJECT

Tulich Lifestyle Village, Oran Park

DRAWING TITLE

Sections: Ground Floor 1 of 2

SCALE

AS SHOWN

STATUS: FOR DEVELOPMENT APPLICATION

DESIGNED/DRAWN: EA

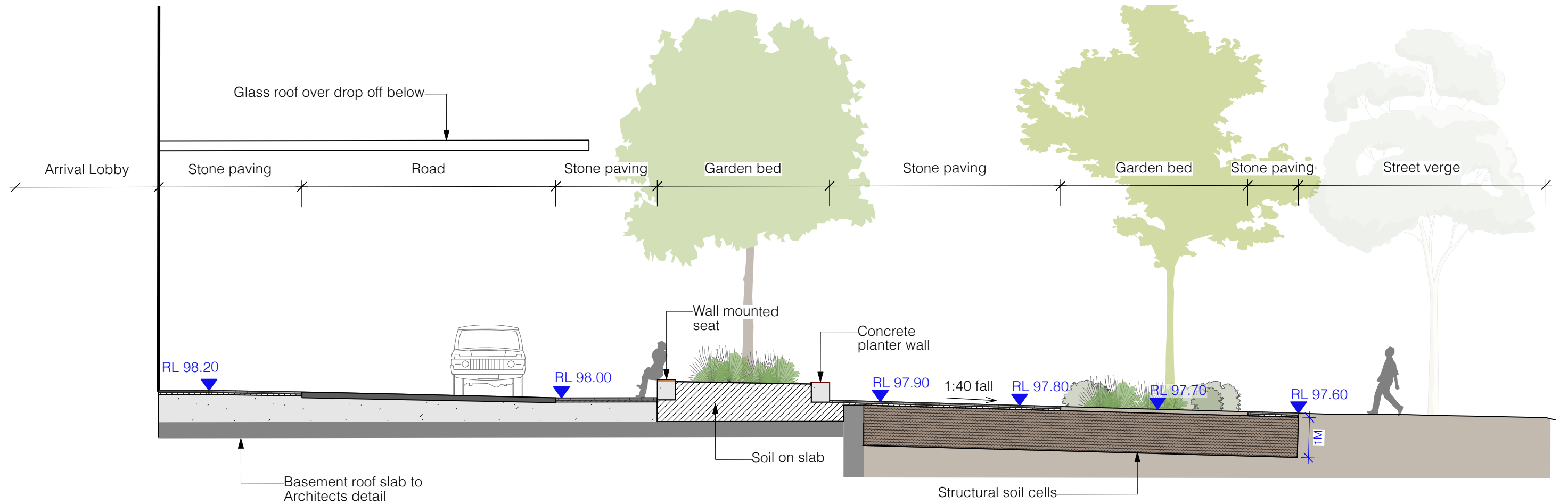
VERIFIED: JN

DATE: 28/10/2024

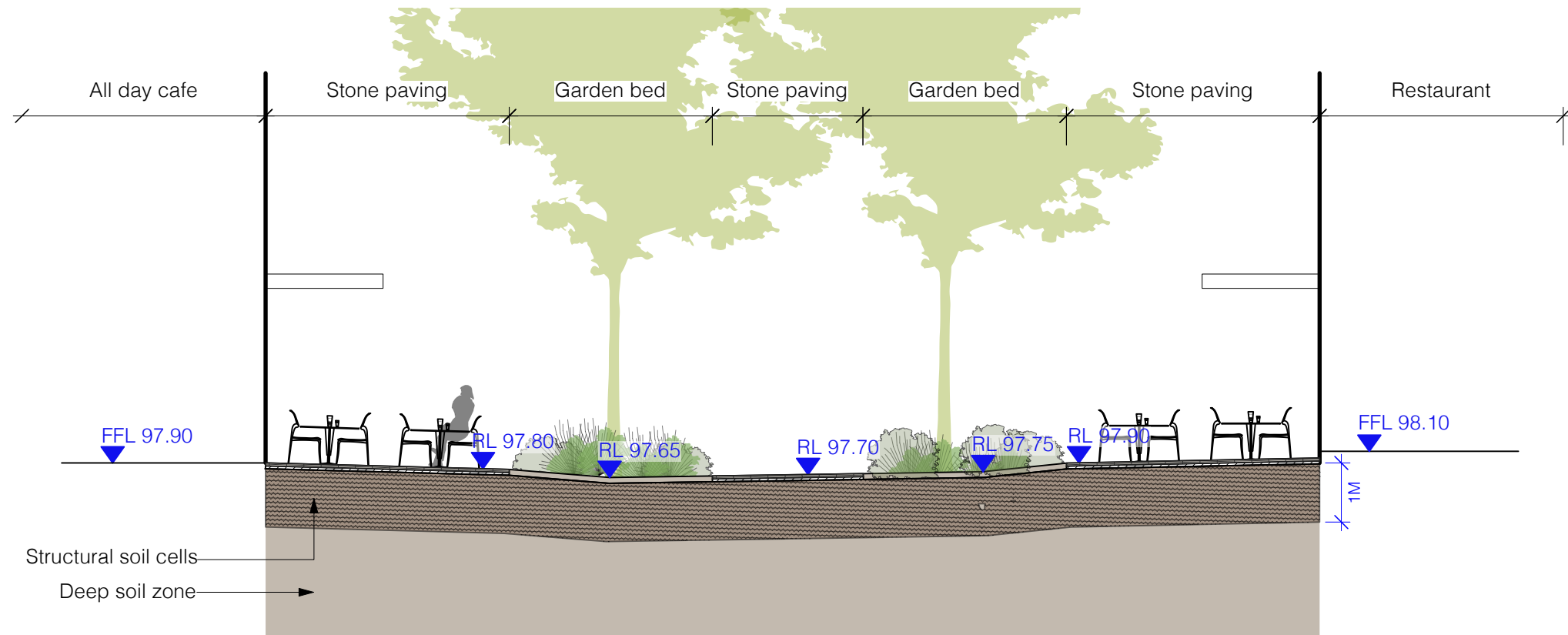
JOB NUMBER: 472

DRAWING NUMBER: **L-400**

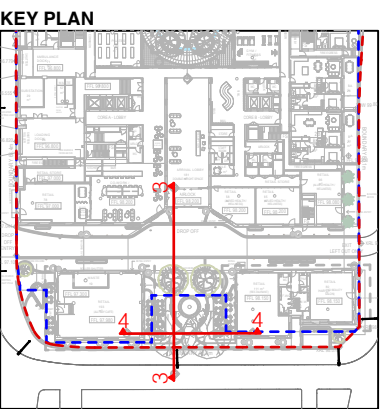
ISSUE: **F**



3 SECTION 3
Scale: 1:100



4 SECTION 4
Scale: 1:100



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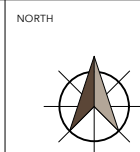
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FOR DEVELOPMENT APPLICATION

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E	FOR DEVELOPMENT APPLICATION	EA	JN	21/10/2024
F	FOR DEVELOPMENT APPLICATION	EA	JN	28/10/2024



OTHER CONSULTANTS

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Planning & Design

CLIENT

TULICH
Tulich (Oran Park)
Project Management Pty Ltd

SCALE

PROJECT

Tulich Lifestyle Village, Oran Park

DRAWING TITLE

Sections: Ground Floor 2 of 2

SCALE

AS SHOWN

STATUS

FOR DEVELOPMENT APPLICATION

DESIGNED/DRAWN

EA

VERIFIED

JN

DATE

28/10/2024

JOB NUMBER

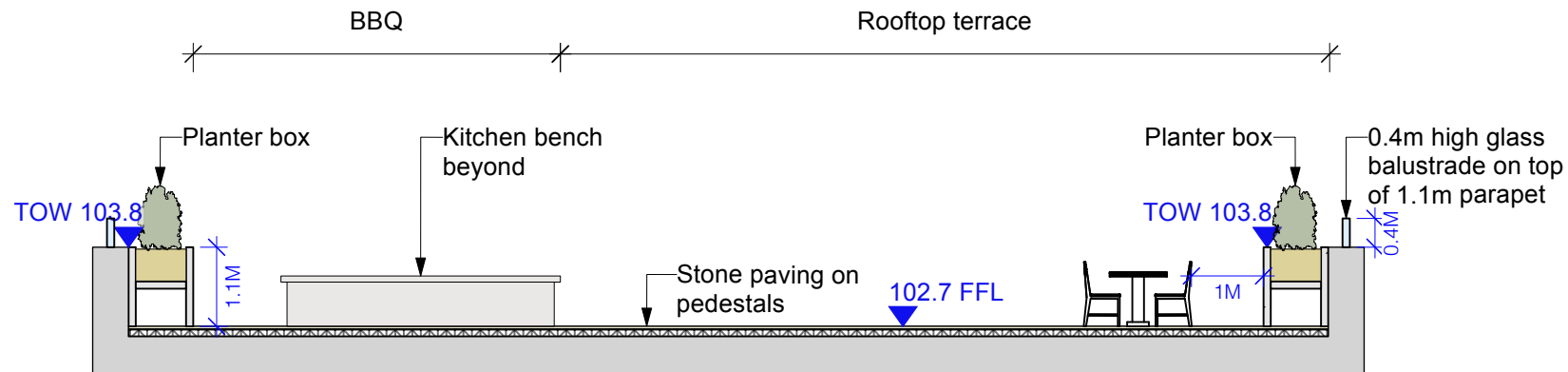
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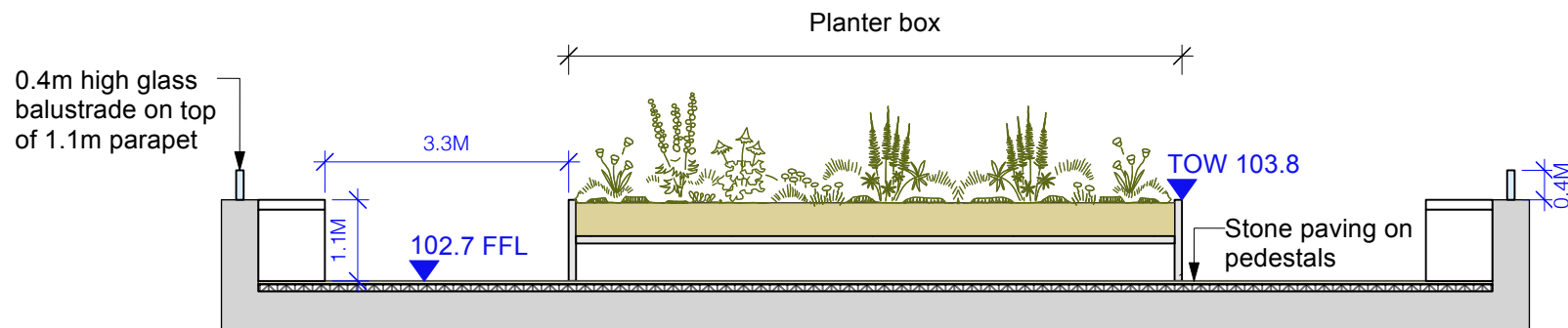
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ISSUE

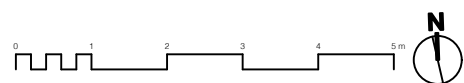
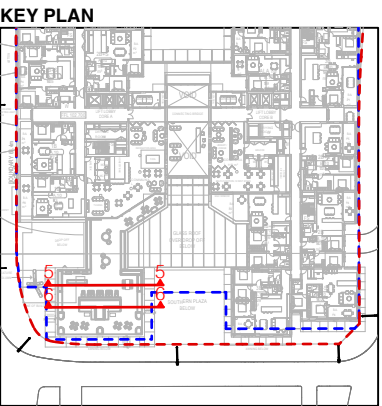
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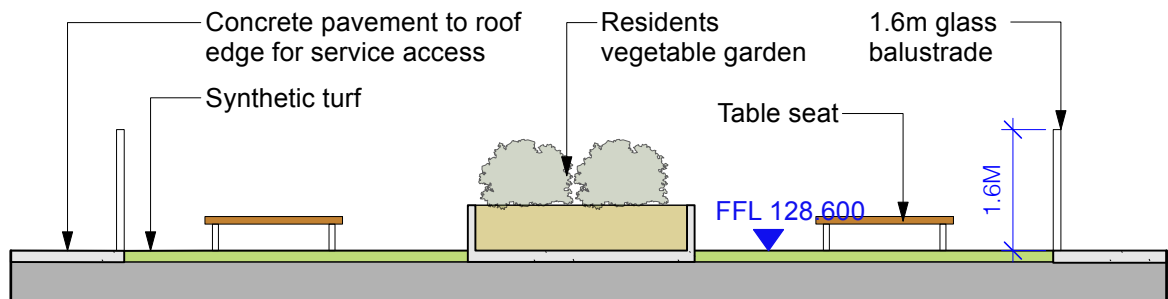


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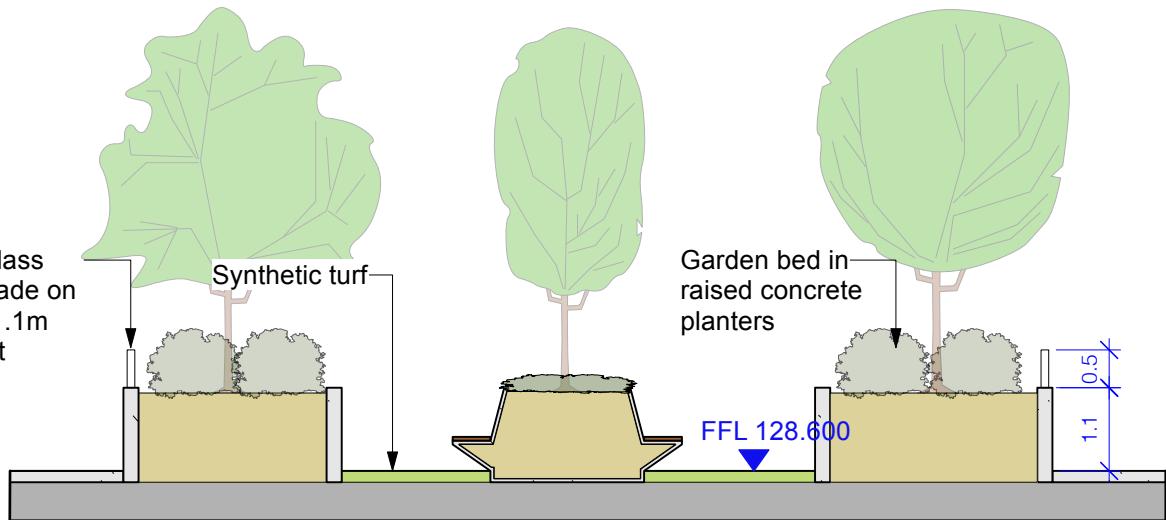


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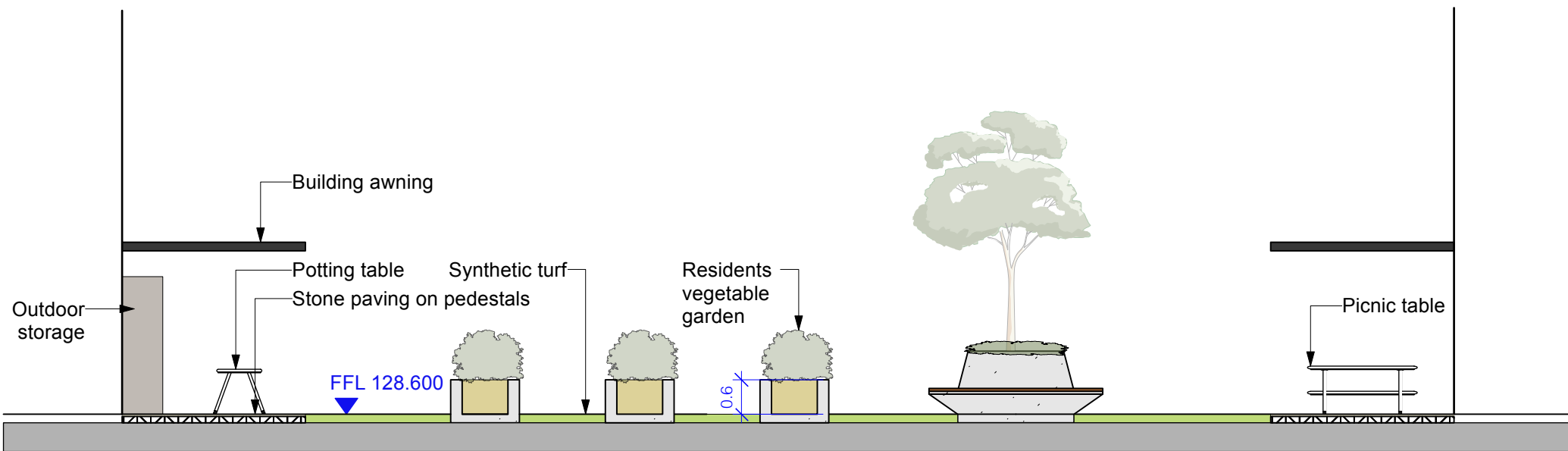




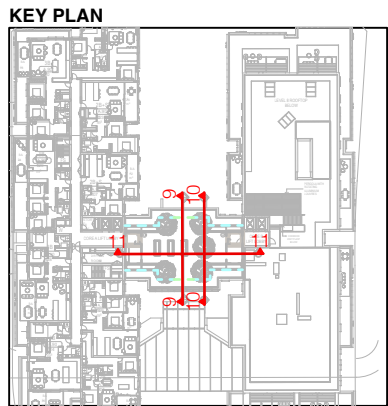
9 SECTION 9
Scale: 1:100



10 SECTION 10
Scale: 1:100



11 SECTION 11
Scale: 1:100



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FOR DEVELOPMENT APPLICATION

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E	FOR DEVELOPMENT APPLICATION	EA	JN	21/10/2024
F	FOR DEVELOPMENT APPLICATION	EA	JN	28/10/2024

NORTH



OTHER CONSULTANTS

Studio.SC
Planning & Design

CLIENT

TULICH **Tulich (Oran Park)**
Project Management Pty Ltd

SCALE

PROJECT

Tulich Lifestyle Village, Oran Park

DRAWING TITLE

Sections: Level 9

SCALE

STATUS
DESIGNED/DRAWN
VERIFIED
DATE
JOB NUMBER

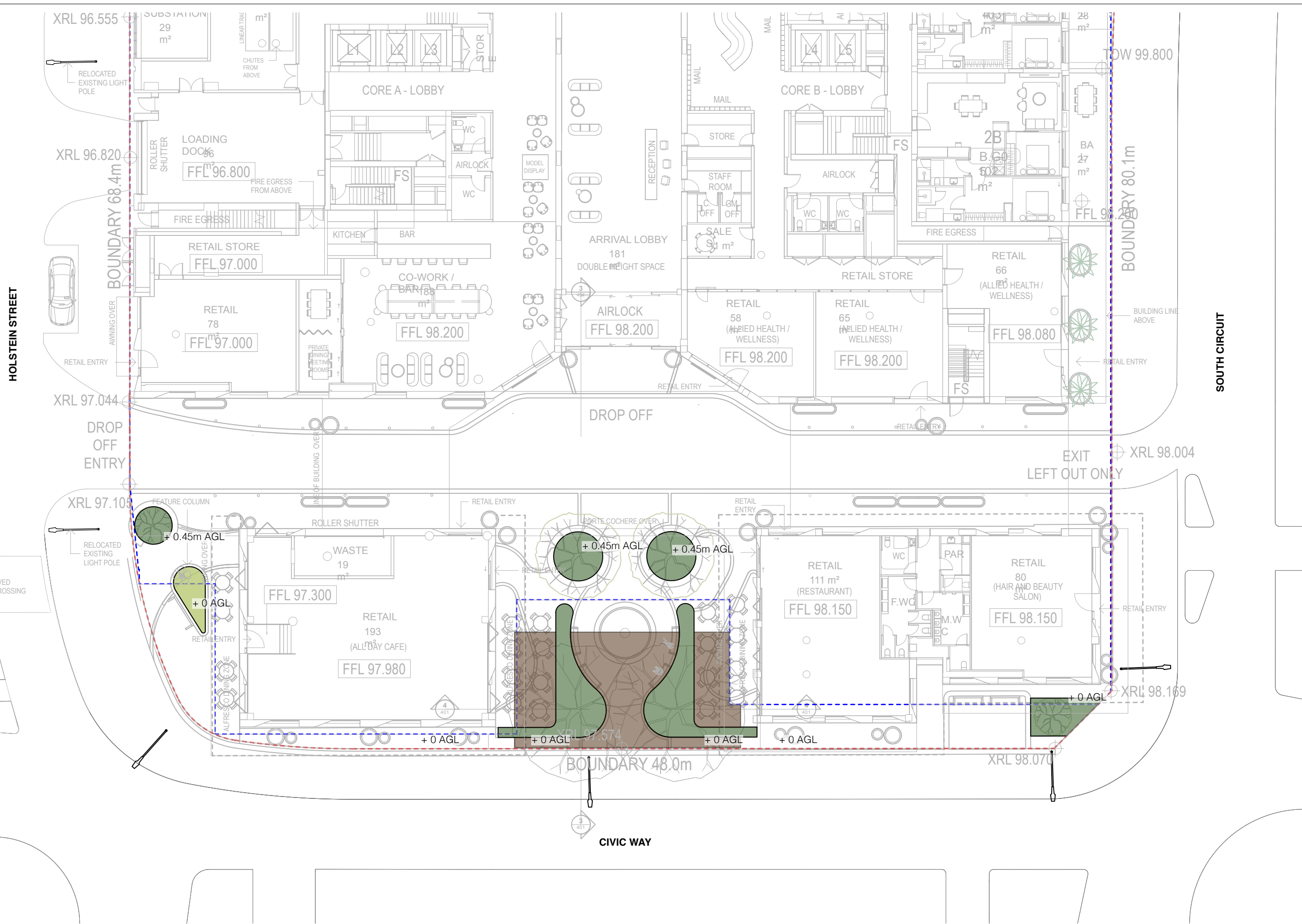
L-404

AS SHOWN

FOR DEVELOPMENT APPLICATION
EA
JN
28/10/2024
472

ISSUE

F



LEGEND & NOTES

Legend

Symbol

Description

--- --

Site boundary

Soil depth

1m soil depth

0.60m soil depth

0.45m soil depth

0.30m soil depth

1m planter
(0.45m soil depth)

Structural soil cell

+ 0 AGL

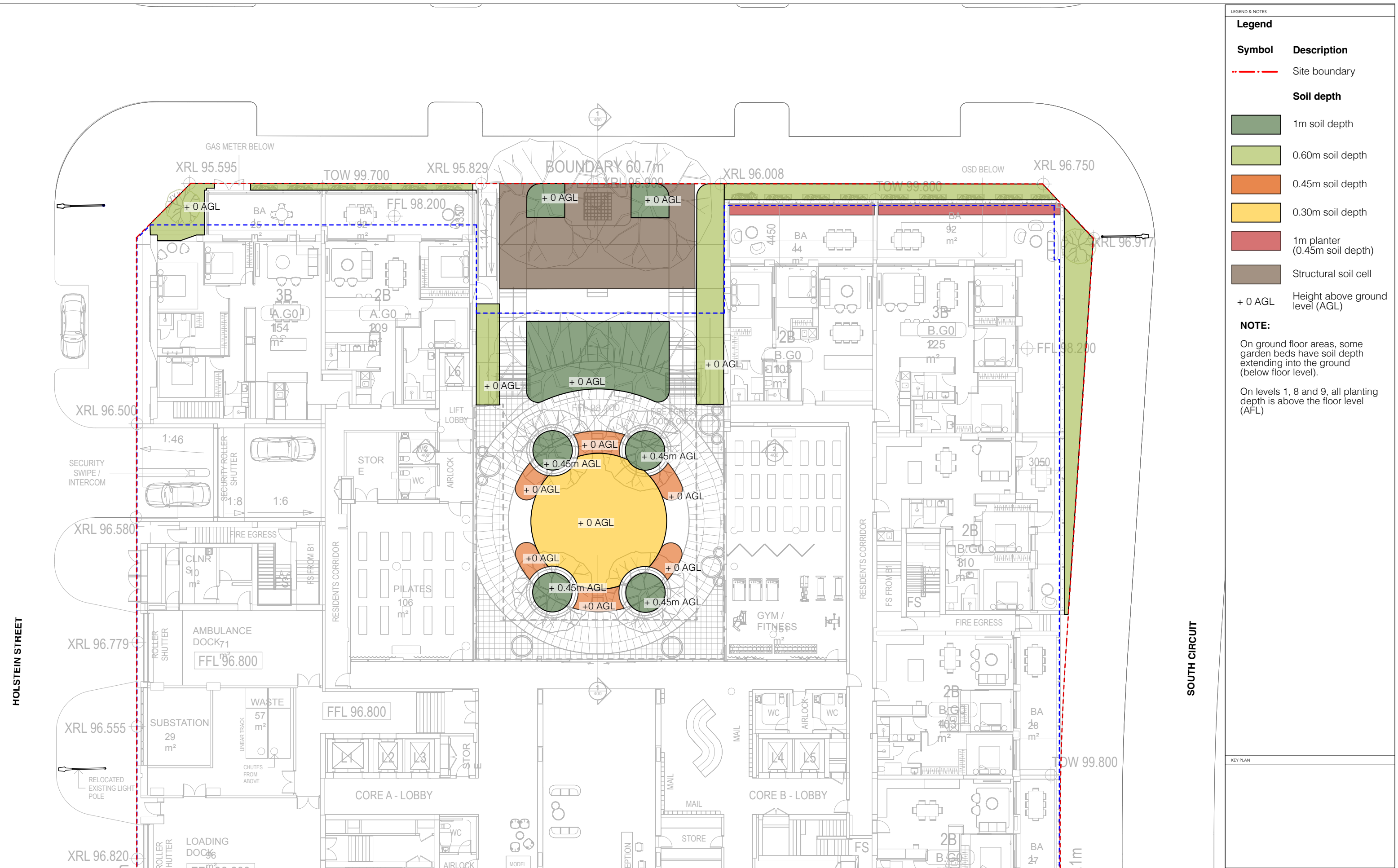
Height above ground
level (AGL)

NOTE:

On ground floor areas, some
garden beds have soil depth
extending into the ground
(below floor level).

On levels 1, 8 and 9, all planting
depth is above the floor level
(AFL)

KEY PLAN



LEGEND & NOTES

Legend

Symbol

Description

--- Site boundary

Soil depth

1m soil depth

0.60m soil depth

0.45m soil depth

0.30m soil depth

1m planter (0.45m soil depth)

Structural soil cell

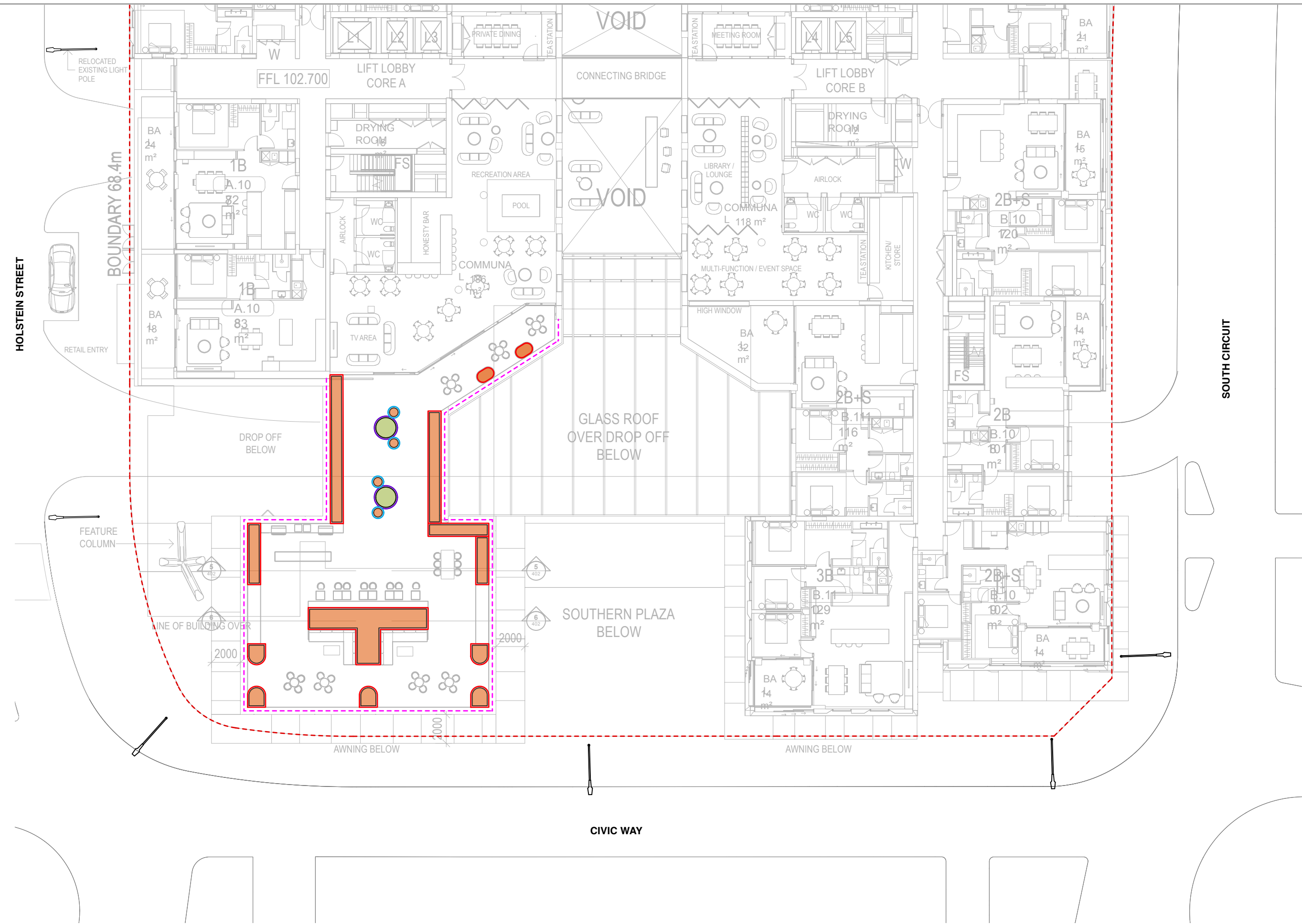
+ 0 AGL Height above ground level (AGL)

NOTE:

On ground floor areas, some garden beds have soil depth extending into the ground (below floor level).

On levels 1, 8 and 9, all planting depth is above the floor level (AFL)

KEY PLAN



LEGEND & NOTES

Legend

Symbol

Description

Site boundary

Soil depth
(fill color)

0.60m soil depth

0.45m soil depth

+ 0 AFL

Height above floor level (AFL)

Balustrade height
(outline)

1.1m height

0.7m height

0.5m height

Balustrade height

0.4m high glass balustrade on top of 1.1m parapet

NOTE:

On ground floor areas, some garden beds have soil depth extending into the ground (below floor level).

On levels 1, 8 and 9, all planting depth is above the floor level (AFL)

KEY PLAN

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FOR DEVELOPMENT APPLICATION

ISSUE

DESCRIPTION

BY

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FOR DEVELOPMENT APPLICATION

SS

JN

26/8/2024

B

DRAFT DA FOR REVIEW

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D

FOR DEVELOPMENT APPLICATION

EA

JN

18/10/2024

E

FOR DEVELOPMENT APPLICATION

EA

JN

21/10/2024

F

FOR DEVELOPMENT APPLICATION

EA

JN

28/10/2024

NORTH

OTHER CONSULTANTS

Studio.SC

Planning & Design Centre

CLIENT

TULICH

Tulich (Oran Park)
Project Management Pty Ltd

SCALE

0 1 2 3 4 5 m

PROJECT

Tulich Lifestyle Village, Oran Park

DRAWING TITLE

Soil Depth Plan: Level 1

SCALE

1:250

STATUS

FOR DEVELOPMENT APPLICATION

DESIGNED/DRAWN

EA

VERIFIED

JN

DATE

28/10/2024

JOB NUMBER

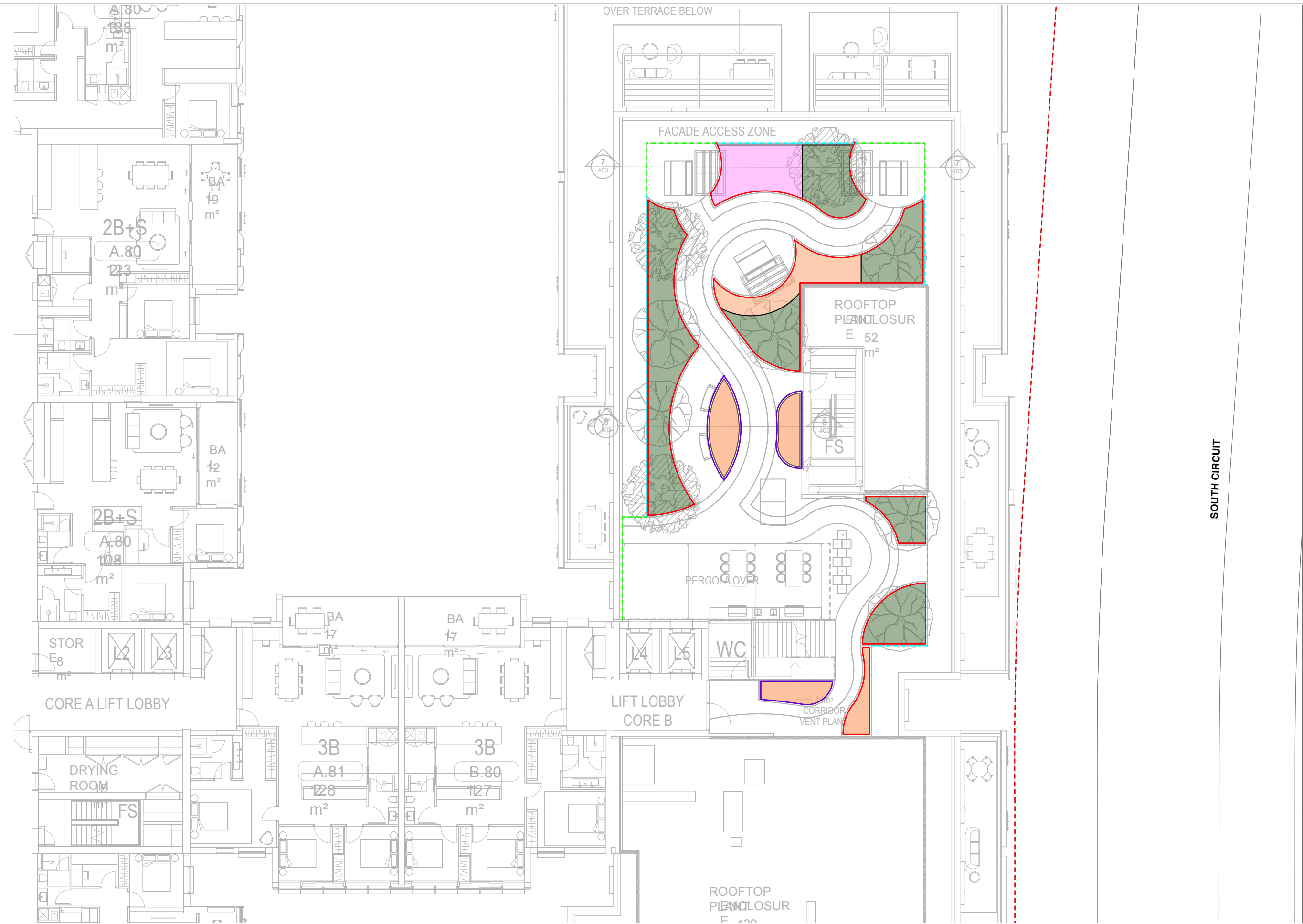
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DRAWING NUMBER

L-502

ISSUE

F



LEGEND & NOTES

Legend

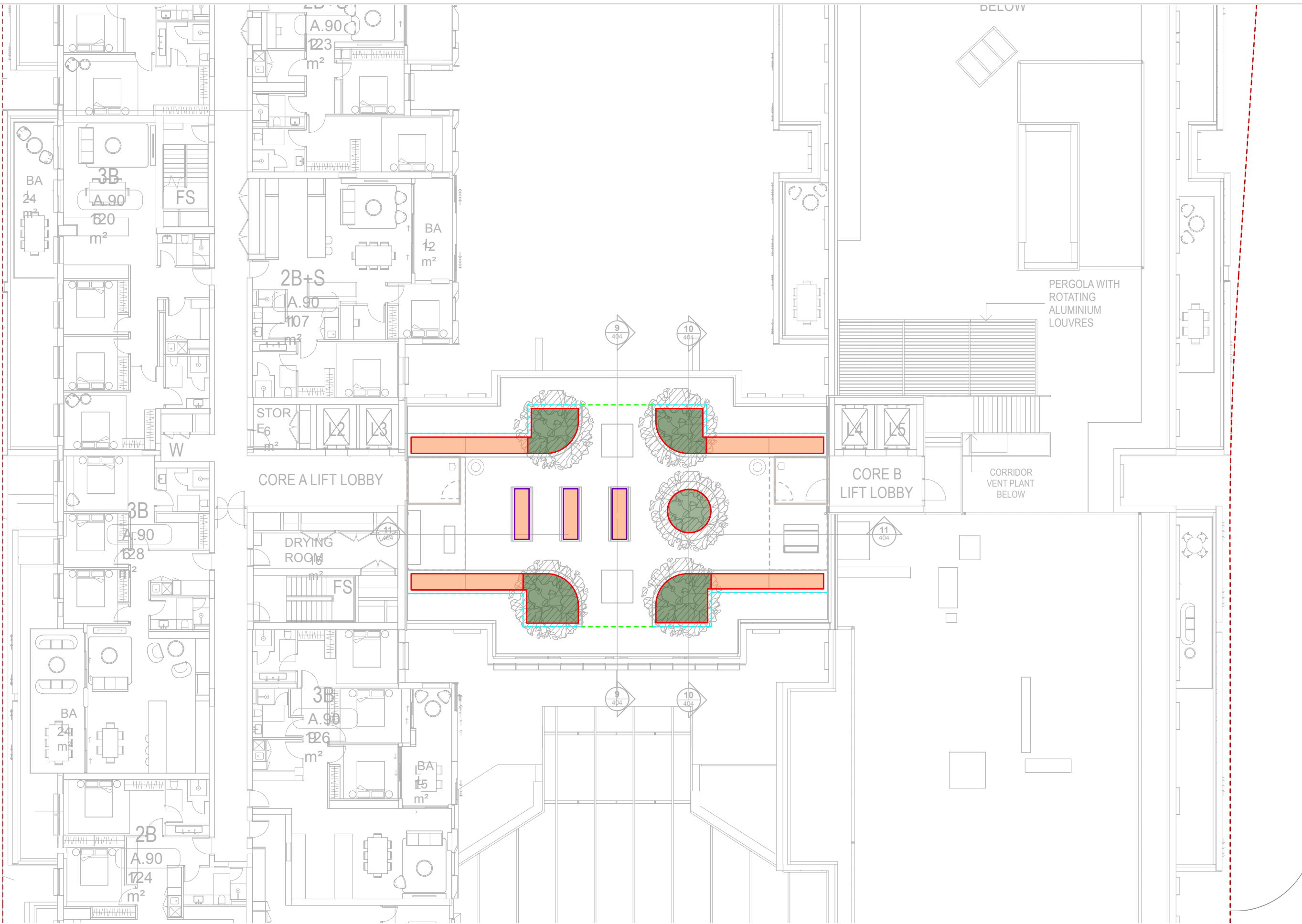
Symbol	Description
	Site boundary
Soil depth	
	1m soil depth
	0.50m soil depth
	0.40m soil depth
+ 0 AFL	Height above floor level (AFL)
Planter height	
	1.1m height
	0.6m height
Balustrade height	
	0.5m high glass balustrade on top of 1.1m parapet
	1.6m high glass balustrade

NOTE:

On ground floor areas, some garden beds have soil depth extending into the ground (below floor level).

On levels 1, 8 and 9, all planting depth is above the floor level (AFL)

KEY PLAN



LEGEND & NOTES

Legend

Symbol

Description

Site boundary

Soil depth

1m soil depth

0.50m soil depth

+ 0 AFL

Height above floor level (AFL)

Planter height

1.1m height

0.6m height

Balustrade height

0.5m high glass balustrade on top of 1.1m parapet

1.6m high glass balustrade

NOTE:

On ground floor areas, some garden beds have soil depth extending into the ground (below floor level).

On levels 1, 8 and 9, all planting depth is above the floor level (AFL)

KEY PLAN

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F	FOR DEVELOPMENT APPLICATION	EA	JN	28/10/2024

NORTH

OTHER CONSULTANTS

Studio.SC

Planning & Design Centre

CLIENT

TULICH

Tulich (Oran Park)
Project Management Pty Ltd

SCALE

0

1

2

3

4

5

m

PROJECT

Tulich Lifestyle Village, Oran Park

DRAWING TITLE

Soil Depth Plan: Level 9

SCALE

1:200

STATUS

FOR DEVELOPMENT APPLICATION

DESIGNED/DRAWN

EA

VERIFIED

JN

DATE

28/10/2024

JOB NUMBER

472

DRAWING NUMBER

L-504

ISSUE

F

TULICH ORAN PARK

SCHEMATIC DESIGN CIVIL ENGINEERING PACKAGE



LOCALITY PLAN

SOURCE : NEARMAP.COM.AU (© 2021)

CIVIL DRAWING SCHEDULE

DWG No.	DRAWING TITLE
C01.01	COVER SHEET, DRAWING SCHEDULE AND LOCALITY PLAN
C01.11	SPECIFICATION NOTES
C02.01	SEDIMENT AND SOIL EROSION CONTROL PLAN
C02.11	SEDIMENT AND SOIL EROSION CONTROL DETAILS
C03.01	BULK EARTHWORKS CUT AND FILL PLAN
C04.01	SITEWORKS AND STORMWATER MANAGEMENT PLAN
C05.21	STORMWATER DETAILS
C05.41	STORMWATER CATCHMENT PLAN

DESIGNED: D WEERAMANTHRI JOB MANAGER: N SUTHERLAND VERIFIER: R GILL

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
01	ISSUED FOR DA	JM		NS	18.10.24	TULICH PTY LTD
02	ISSUED FOR DA	UM		DW	25.10.24	

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	STUDIO.SC A/ Level 11, 345 George Street, Sydney NSW 2000 Australia www.studio.sc.com.au +61 2 9557 5988 thomsonradwell.com
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Sydney
Level 11 345 George Street, Sydney NSW 2000
Ph (02) 9241 4188 Fax (02) 9241 4324
Email sydney@northrop.com.au ABN 81 094 433 100

PROJECT	TULICH ORAN PARK 1 CIVIC WAY ORAN PARK, NSW, 2570
---------	--

DRAWING TITLE	CIVIL ENGINEERING PACKAGE COVER SHEET, DRAWING SCHEDULE AND LOCALITY PLAN
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JOB NUMBER	241823
DRAWING NUMBER	C01.01
REVISION	02
DRAWING SHEET SIZE = A1	

NOT FOR CONSTRUCTION

DESIGNED: D VEEERAMANTHRI JOB MANAGER: N SUTHERLAND VERIFIER: R GILL

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GENERAL NOTES
THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND WITH OTHER SUCH WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCY SHALL BE REFERRED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
ALL DIMENSIONS ARE IN MILLIMETRES & ALL LEVELS ARE IN METRES, UNO (UNLESS NOTED OTHERWISE).
NO DIMENSION SHALL BE OBTAINED BY SCALING THE DRAWINGS.
ALL LEVELS AND SETTING OUT DIMENSIONS SHOWN ON THE DRAWINGS SHALL BE CHECKED ON SITE PRIOR TO THE COMMENCEMENT OF THE WORK.
DETAIL SURVEY DATA WAS SUPPLIED BY BEVERIDGE WILLIAMS, REF. NUMBER: 10202T(C) DRAWING TITLE: 10202T(C)-DET REVISION DATE: 15.05.24 REVISION NUMBER: B GEOCENTRIC DATUM OF AUSTRALIA: MGA2020 SURVEYOR: AR APPROVED: AR
EXISTING SERVICES WHERE SHOWN HAVE BEEN PLOTTED FROM SUPPLIED DATA AND SUCH THEIR ACCURACY CAN NOT BE GUARANTEED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF WORK.
ON COMPLETION OF STORMWATER INSTALLATION, ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL CONDITION, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED AREAS AND ROAD PAVEMENTS, UNLESS DIRECTED OTHERWISE.

ALL STORMWATER MANAGEMENT MEASURES SHOWN ON THIS DRAWING HAVE BEEN PREPARED FOR DEVELOPMENT APPLICATION PURPOSES TO DEMONSTRATE FEASIBILITY. ALL MEASURES WILL BE SUBJECT TO DETAIL DESIGN AT THE CONSTRUCTION CERTIFICATE STAGE AND MAY BE SUBJECT TO VARIATION PROVIDED THAT THE DESIGN INTENT IS MAINTAINED.

ACCESS AND SAFETY
1. THE CONTRACTOR SHALL COMPLY WITH ALL STATUTORY AND INDUSTRIAL REQUIREMENTS FOR PROVISION OF A SAFE WORKING ENVIRONMENT INCLUDING TRAFFIC CONTROL.
2. THE CONTRACTOR SHALL PROVIDE TRAFFIC MANAGEMENT PLANS FOR THE PROPOSED WORKS COMPLETED BY A SUITABLY QUALIFIED PERSON AND APPROVED BY COUNCIL / REGULATORY AUTHORITY. WORK IS NOT TO COMMENCE ON SITE PRIOR TO APPROVAL OF TRAFFIC MANAGEMENT SCHEME.
3. THE CONTRACTOR SHALL ENSURE THAT AT ALL TIMES ACCESS TO BUILDINGS ADJACENT THE WORKS IS NOT DISRUPTED.
4. WHERE NECESSARY THE CONTRACTOR SHALL PROVIDE SAFE PASSAGE OF VEHICLES AND/OR PEDESTRIANS THROUGH OR BY THE SITE.
5. THE CONTRACTOR SHALL ENSURE PUBLIC ACCESS EXTERNAL TO THE SITE IS IN ACCORDANCE WITH COUNCILS / AUTHORITY / SITE MANAGERS REQUIREMENTS.

SEDIMENT AND SOIL EROSION
1. THE SEDIMENT & EROSION CONTROL PLAN PRESENTS CONCEPTS ONLY. THE CONTRACTOR SHALL AT ALL TIMES BE RESPONSIBLE FOR THE ESTABLISHMENT & MANAGEMENT OF A DETAILED SCHEME MEETING COUNCILS AND OTHER REGULATORY AUTHORITY REQUIREMENTS AND MAKE PAYMENT OF ALL FEES.
2. THE CONTRACTOR SHALL INSTIGATE ALL SEDIMENT AND EROSION CONTROL MEASURES IN ACCORDANCE WITH STATUTORY REQUIREMENTS AND IN PARTICULAR THE 'BLUE BOOK' (MANAGING URBAN STORMWATER SOILS & CONSTRUCTION), PRODUCED BY LANDCOM AND COUNCILS POLICIES. THESE MEASURES ARE TO BE INSPECTED AND MAINTAINED ON A DAILY BASIS.
3. THE CONTRACTOR SHALL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS INSTRUCTED IN THE DRAWINGS AND ADHERE TO ALL REGULATORY AUTHORITY REQUIREMENTS.
4. THE CONTRACTOR SHALL INFORM ALL SUB CONTRACTORS OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSTREAM LANDS AND WATERWAYS.
5. WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE SHALL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE; 5.1. CONSTRUCT TEMPORARY STABILISED SITE ACCESS INCLUSIVE OF SHAKE DOWN / WASH PAD. 5.2. INSTALL ALL TEMPORARY SEDIMENT FENCES AND BARRIER FENCES. WHERE FENCES ADJACENT EACH OTHER, THE SEDIMENT FENCE CAN BE INCORPORATED INTO THE BARRIER FENCE. 5.3. INSTALL SEDIMENT CONTROL MEASURES AS OUTLINED ON THE APPROVED PLANS.
6. UNDERTAKE SITE DEVELOPMENT WORKS SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF MINIMUM WORKABLE SIZE.
7. AT ALL TIMES AND IN PARTICULAR DURING WINDY AND DRY WEATHER, LARGE UNPROTECTED AREAS WILL BE STABILISED / KEPT MOIST (NOT WET) TO KEEP DUST UNDER CONTROL ENSURING CONFORMITY TO REGULATORY AUTHORITY REQUIREMENTS.
8. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) SHALL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
9. WATER SHALL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS THE CATCHMENT AREA HAS BEEN STABILISED AND/OR ANY LIKELY SEDIMENT BEEN FILTERED OUT.
10. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES SHALL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE STABILISED / REHABILITATED.
11. ALLOW FOR GRASS STABILISATION OF EXPOSED AREAS, OPEN CHANNELS AND ROCK BATTERS DURING ALL PHASES OF CONSTRUCTION.
12. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIRS AND/OR MAINTENANCE SHALL BE UNDERTAKEN REGULARLY AND AS REQUIRED, PARTICULARLY FOLLOWING RAIN EVENTS.
13. RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER SHALL BE DISPOSED OF IN ACCORDANCE WITH REGULATORY AUTHORITY REQUIREMENTS. CONTRACTOR TO PAY ALL FEES AND PROVIDE EVIDENCE OF SAFE DISPOSAL.
14. IF A TEMPORARY SEDIMENT BASIN IS REQUIRED, ENSURE SAFE BATTER SLOPES IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. MAINTAIN ADEQUATE STORAGE VOLUME IN ACCORDANCE WITH PLANS. TEMPORARY PUMP 'CLEAN FLOCCULATED' WATER TO AUTHORITIES STORMWATER SYSTEM. ENSURE WHOLE DISTURBED SITE RUN-OFF IS DIRECTED TO TEMPORARY SEDIMENT BASIN.

STORMWATER DRAINAGE
1. ALL DRAINAGE LINES SHALL BE UPVC (CLASS SN4) SEWER GRADE DRAINAGE PIPE, UN.O.
2. ALL DRAINAGE LINES SHALL BE LAID AT 1% MIN. FALL, UNO.
3. ALL LEVELS ARE AUSTRALIAN HEIGHT DATUM (AHD).
4. ALL DOWNPIPES GUTTERS TO BE DESIGNED IN ACCORDANCE WITH AS/NZS 3500.3.2 - 2003 'STORMWATER' DRAINAGE.
5. THE STORMWATER DRAINAGE DESIGN HAS BEEN CARRIED OUT IN ACCORDANCE WITH AS/NZS 3500.3.2-2003 'STORMWATER' DRAINAGE.
6. ANY VARIATIONS TO THE NOMINATED LEVELS SHALL BE REFERRED TO ENGINEER IMMEDIATELY.
7. SUBSOIL DRAINAGE SHALL BE PROVIDED TO ALL RETAINING WALLS & EMBANKMENTS, WITH THE LINES FEEDING INTO THE STORMWATER DRAINAGE SYSTEM.
8. ALL GRATES TO BE GALVANISED STEEL WITH HINGES AND CHILD PROOF LOCK.
9. ALL GRATES TO BE HEEL SAFE WITHIN AGED CARE DEVELOPMENTS.
10. THE STORMWATER DRAINAGE IS DESIGNED IN ACCORDANCE WITH COUNCIL'S STORMWATER CODE.

RAINWATER RE-USE
1. PROVIDE RAINWATER RE-USE SYSTEM TO SUPPLY WATER FOR TOILET FLUSHING.
2. GUTTER GUARD TO BE INSTALLED ON ALL EAVES GUTTERS.
3. A PERMANENT SIGN IS TO BE LOCATED IN THE VICINITY OF THE TANK STATING THE WATER IS "NON POTABLE WATER" WITH APPROPRIATE HAZARD IDENTIFICATION.
4. PIPEWORK USED FOR RAINWATER SERVICES SHALL BE COLOURED LILAC IN ACCORDANCE WITH AS1345.
5. ALL VALVES AND APERTURES SHALL BE CLEARLY AND PERMANENTLY LABELLED WITH SAFETY SIGNS TO COMPLY WITH AS1319.
6. RAINWATER TANK RETICULATION SYSTEM AND MAINS WATER BYPASS ARRANGEMENT TO BE INSTALLED IN ACCORDANCE WITH AS/NZS 3500.12-2003 AND THE NSW CODE OF PRACTICE : PLUMBING AND DRAINING.
7. A FIRST FLUSH FILTRATION DEVICE IS TO BE PROVIDED AT RAINWATER TANK.

CONCEPT SOIL & WATER MANAGEMENT
1. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH RELEVANT ORDINANCES AND REGULATIONS, NOTE IN PARTICULAR THE REQUIREMENTS OF LANDCOMS MANAGING URBAN STORMWATER, SOILS & CONSTRUCTION' (THE 'BLUE BOOK'). THIS SOIL AND WATER MANAGEMENT PLAN DETAILS THE ACTIONS TO BE TAKEN FOR THE MANAGEMENT AND DEWATERING OF STORMWATER DURING CONSTRUCTION OF THE PROPOSED BUILDING.
2. INSTALL SEDIMENT PROTECTION FILTERS ON ALL NEW AND EXISTING STORMWATER INLET PITS IN ACCORDANCE WITH EITHER THE MESH AND GRAVEL INLET FILTER DETAIL SD6-11 OR THE GEOTEXTILE INLET FILTER DETAIL SD6-12 OF THE 'BLUE BOOK'.
3. ESTABLISH ALL REQUIRED SEDIMENT FENCES IN ACCORDANCE WITH DETAIL SD6-8 OF THE 'BLUE BOOK'.
4. INSTALL SEDIMENT FENCING AROUND INDIVIDUAL BUILDING ZONES/AREAS AS REQUIRED AND AS DIRECTED BY THE SUPERINTENDENT.
5. ALL TRENCHES INCLUDING ALL SERVICE TRENCHES AND SWALE EXCAVATION SHALL BE SIDE-CAST TO THE HIGH SIDE AND CLOSED AT THE END OF EACH DAYS WORK.
6. THE CONTRACTOR SHALL ENSURE THAT ALL VEGETATION (TREE, SHRUB & GROUND COVER) WHICH IS TO BE RETAINED SHALL BE PROTECTED DURING THE DURATION OF CONSTRUCTION. REFER ARCHITECTS PLANS FOR TREES TO BE KEPT.
7. ALL VEGETATION TO BE REMOVED SHALL BE MULCHED ONSITE AND SPREAD/STOCKPILED AS DIRECTED BY THE SUPERINTENDENT.
8. STRIP TOPSOIL IN AREAS DESIGNATED FOR STRIPPING AND STOCKPILE FOR RE-USE AS REQUIRED. ANY SURPLUS MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH EPA GUIDELINES.
9. CONSTRUCT AND MAINTAIN ALL MATERIAL STOCKPILES IN ACCORDANCE WITH DETAIL SD4-1 OF THE 'BLUE BOOK' INCLUDING CUT-OFF SWALES TO THE HIGH SIDE AND SEDIMENT FENCES TO THE LOW SIDE).
10. ENSURE STOCKPILES DO NOT EXCEED 2.0m HIGH. PROVIDE WIND AND RAIN EROSION PROTECTION AS REQUIRED IN ACCORDANCE WITH THE 'BLUE BOOK'.
11. PROVIDE WATER TRUCKS OR SPRINKLER DEVICES DURING CONSTRUCTION AS REQUIRED TO SUPPRESS DUST.
12. ONCE CUT/FILL OPERATIONS HAVE BEEN FINALIZED ALL DISTURBED AREAS THAT ARE NOT BEING WORKED ON SHALL BE RE-VEGETATED AS SOON AS IS PRACTICAL.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING A DETAILED WRITTEN RECORD OF ALL EROSION & SEDIMENT CONTROLS ON-SITE DURING THE CONSTRUCTION PERIOD. THIS RECORD SHALL BE UPDATED ON A DAILY BASIS & SHALL CONTAIN DETAILS ON THE CONDITION OF CONTROLS AND ANY/ ALL MAINTENANCE, CLEANING & BREACHES. THIS RECORD SHALL BE KEPT ON-SITE AT ALL TIMES AND SHALL BE MADE AVAILABLE FOR INSPECTION BY THE PRINCIPAL CERTIFYING AUTHORITY AND THE SUPERINTENDENT DURING NORMAL WORKING HOURS.
14. GROUNDWATER SEEPAGE RATES AND QUALITY TO BE MONITORED AND TREATED IF REQUIRED DURING CONSTRUCTION IN ACCORDANCE WITH REQUIREMENTS OF SUPERVISING GEOTECHNICAL ENGINEER.

EARTHWORKS																			
1. AT THE COMMENCEMENT OF FILLING OPERATIONS FOR BULK EARTHWORKS A GEOTECHNICAL ENGINEER IS TO VISIT THE SITE & CONFIRM THE SUITABILITY OF THE METHODOLOGY OF ACHIEVING THE REQUIRED COMPACTION EARTHWORKS REQUIREMENTS. 2. STRIP TOPSOIL, VEGETABLE MATTER AND RUBBLE TO EXPOSE NATURALLY OCCURRING MATERIAL AND STOCKPILE ON SITE AS DIRECTED BY THE SUPERINTENDENT. 3. WHERE FILLING IS REQUIRED TO ACHIEVE DESIGN SUBGRADE, PROOF ROLL EXPOSED NATURAL SURFACE WITH A MINIMUM OF TEN PASSES OF A VIBRATING ROLLER (MINIMUM STATIC WEIGHT OF 10 TONNES) IN THE PRESENCE OF THE SUPERINTENDENT OR CERTIFYING ENGINEER. 4. THE CONTRACTOR IS TO ALLOW FOR A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER TO PROVIDE ADVICE AND CERTIFICATION OF ANY WORKS ASSOCIATED WITH TREATING OR MANAGING UNSUITABLE GROUND CONDITIONS THROUGHOUT THE CONTRACT (e.g. STABILITY OF EXCAVATIONS, POOR SUBGRADE, THE EXISTING QUARRY AREA etc). 5. ALL SOFT, WET OR UNSUITABLE MATERIAL IS TO BE REMOVED AS DIRECTED BY THE SUPERINTENDENT AND REPLACED WITH APPROVED MATERIAL SATISFYING THE REQUIREMENTS BELOW. 6. PROVIDE CERTIFICATES VERIFYING THE QUALITY OF IMPORTED MATERIAL FOR THE SUPERINTENDENTS APPROVAL. 7. ALL FILL MATERIAL SHALL BE PLACED IN MAXIMUM 200mm THICK LAYERS (LOOSE) AND COMPACTED AT OPTIMUM MOISTURE CONTENT (+ OR - 2%) TO ACHIEVE A DRY DENSITY DETERMINED IN ACCORDANCE WITH AS1289 2.11, AS1289 5.1.1 AND AS1289 5.8 OF NOT LESS THAN THE FOLLOWING STANDARD MINIMUM DRY DENSITY; <table><tr><th>LOCATION</th><th>COMPACTION REQUIREMENT</th></tr><tr><td>LANDSCAPED AREAS</td><td>98% SMDD</td></tr><tr><td>ROADS</td><td>100% SMDD (IN ACCORDANCE WITH COUNCIL SPECIFICATIONS)</td></tr><tr><td>PAVED AREAS</td><td>100% SMDD (IN ACCORDANCE WITH COUNCIL SPECIFICATIONS)</td></tr></table> 8. TESTING OF THE SUBGRADE SHALL BE CARRIED OUT BY AN APPROVED N.A.T.A. REGISTERED LABORATORY AT THE CONTRACTORS EXPENSE UNLESS AGREED DIFFERENTLY WITH THE PRINCIPAL. 9. ALLOW THE FOLLOWING COMPACTION TESTING BY N.A.T.A. REGISTERED LABORATORY FOR PLATFORMS AND FILL LAYERS IN ACCORDANCE WITH THE LATEST VERSION OF AS3798. (MINIMUM 3 TESTS PER LAYER) OR 1 TEST PER MATERIAL TYPE PER 2500sq.m OR 1 TEST. 10. WHERE TEST RESULTS ARE BELOW THE SPECIFIED COMPACTION, RECOMPACT (TYNNING FIRST AS NECESSARY) AND RETEST UNTIL SPECIFIED COMPACTION STANDARDS ARE ACHIEVED, OTHERWISE SUBGRADE REPLACEMENT IS REQUIRED IF COMPACTION STANDARDS ARE NOT ACHIEVED. 11. ALLOW FOR EXCAVATION IN ALL MATERIALS AS FOUND U.N.O. NO ADDITIONAL PAYMENTS WILL BE MADE FOR EXCAVATION IN WET OR HARD GROUND. 12. WHERE THERE IS INSUFFICIENT EXCAVATED MATERIAL SUITABLE FOR FILLING OR SUBGRADE REPLACEMENT, THE CONTRACTOR IS TO ALLOW TO IMPORT FILL. IMPORTED FILL SHALL COMPLY WITH THE FOLLOWING; <table><tr><td>12.1.</td><td>BE OF VIRGIN EXCAVATED NATURAL MATERIAL OR</td></tr><tr><td>12.2.</td><td>CONTRACTOR TO PROVIDE EVIDENCE IMPORT IS SUITABLE FOR USE</td></tr><tr><td>12.3.</td><td>PLASTICITY INDEX BETWEEN 2-15% AND CBR > 8</td></tr><tr><td>12.4.</td><td>FREE FROM ORGANIC AND PERISHABLE MATTER</td></tr><tr><td>12.5.</td><td>MAXIMUM SIZE 50mm, PASSING 75 MICRON SIEVE (+25%)</td></tr></table> 13. THE CONTRACTOR SHALL PROGRAM THE EARTHWORKS OPERATION SO THAT THE WORKING AREAS ARE ADEQUATELY DRAINED DURING THE PERIOD OF CONSTRUCTION. THE SURFACE SHALL BE GRADED AND SEALED OFF TO REMOVE DEPRESSIONS, ROLLERS MARKS AND SIMILAR WHICH WOULD ALLOW WATER TO POND AND PENETRATE THE UNDERLYING MATERIAL. ANY DAMAGE RESULTING FROM THE CONTRACTOR NOT OBSERVING THESE REQUIREMENTS SHALL BE RECTIFIED AT THEIR COST. 14. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE AND MAINTAIN THE INTEGRITY OF ALL SERVICES, CONDUITS AND PIPES DURING CONSTRUCTION, SPECIFICALLY DURING THE BACKFILLING AND COMPACTION PROCEDURE. ANY AND ALL DAMAGE TO NEW OR EXISTING SERVICES AS A RESULT OF THESE WORKS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.		LOCATION	COMPACTION REQUIREMENT	LANDSCAPED AREAS	98% SMDD	ROADS	100% SMDD (IN ACCORDANCE WITH COUNCIL SPECIFICATIONS)	PAVED AREAS	100% SMDD (IN ACCORDANCE WITH COUNCIL SPECIFICATIONS)	12.1.	BE OF VIRGIN EXCAVATED NATURAL MATERIAL OR	12.2.	CONTRACTOR TO PROVIDE EVIDENCE IMPORT IS SUITABLE FOR USE	12.3.	PLASTICITY INDEX BETWEEN 2-15% AND CBR > 8	12.4.	FREE FROM ORGANIC AND PERISHABLE MATTER	12.5.	MAXIMUM SIZE 50mm, PASSING 75 MICRON SIEVE (+25%)
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15. PRIOR TO THE COMMENCEMENT OF EXCAVATION WORKS GREATER THAN 1.5m IN DEPTH, THE CONTRACTOR SHALL OBTAIN THE SERVICES OF A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER TO DETERMINE THE STABILITY OF MATERIAL BEING EXCAVATED AND BENCHING REQUIREMENTS / MINIMUM BATTER SLOPES. 16. THE CONTRACTOR MUST PROVIDE THE SUPERINTENDENT AND OR THE DESIGN ENGINEER WITH A COPY OF THE GEOTECHNICAL ENGINEERS REPORT PRIOR TO PRACTICAL COMPLETION. 17. THE CONTRACTOR IS TO PROVIDE SAFETY BARRIERS, FENCING AND THE LIKE IN ACCORDANCE WITH OH&S AND REGULATORY AUTHORITY REQUIREMENTS AND TO ENSURE THE WORK SITE IS SAFE AT ALL TIMES.																			

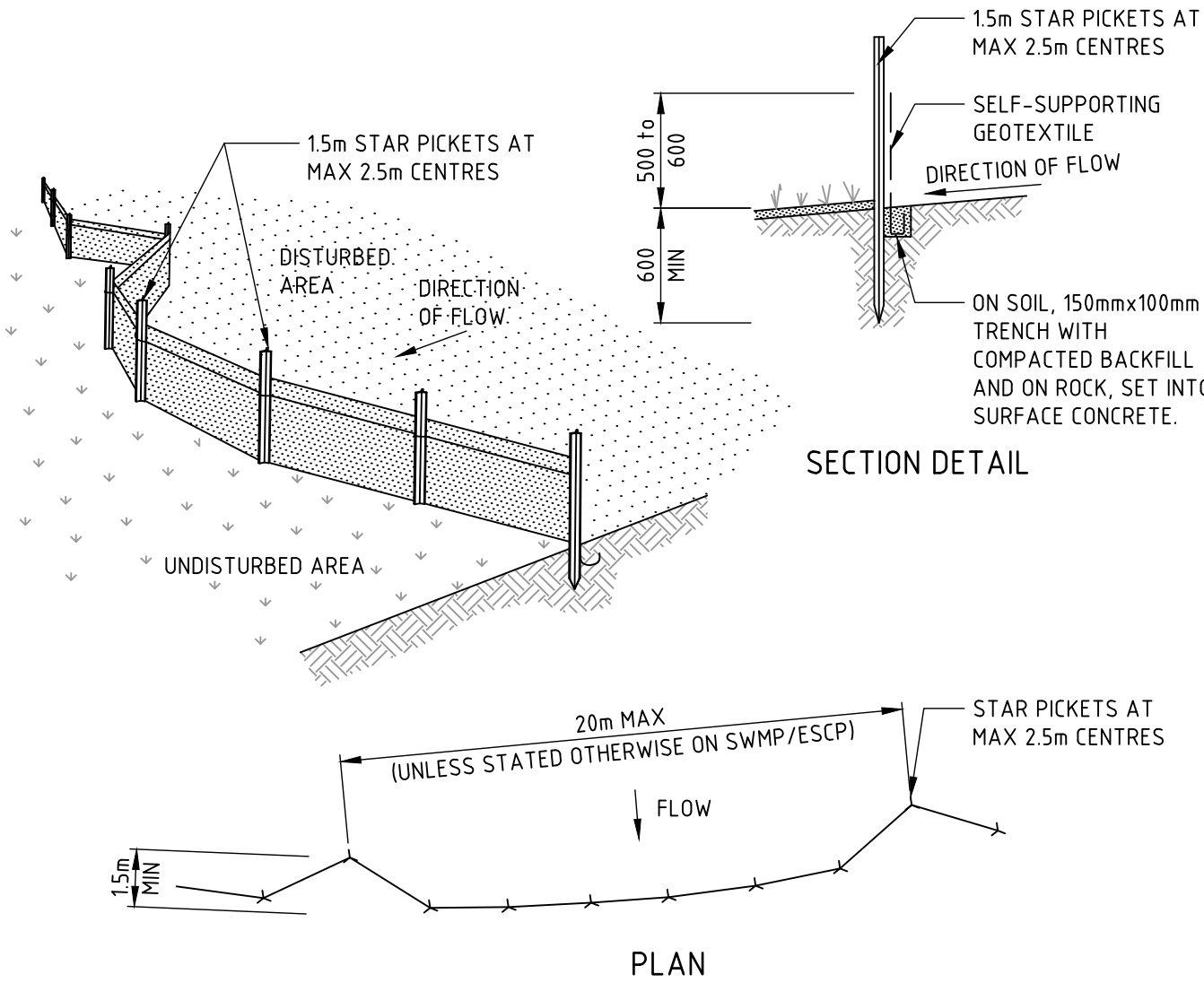
SITEWORKS
1. ALL WORKS TO BE IN ACCORDANCE WITH RELEVANT LOCAL COUNCIL / REGULATORY AUTHORITIES REQUIREMENTS, ALL SPECIFICATIONS AND AUSTRALIAN STANDARDS. CONFLICTS BETWEEN SAID DOCUMENTS SHALL BE REFERRED TO THE SUPERINTENDENT FOR DIRECTION.
2. THE CONTRACTOR IS TO REVIEW THE DRAWINGS PRIOR TO PRICING AND COMMENCEMENT AND REPORT ANY DISCREPANCIES TO NORTHPROP
3. ANY PRODUCTS SPECIFIED OR USED TO BE VERIFIED BY THE CONTRACTOR AS BEING SAFE AND APPROPRIATE FOR USE. NORTHPROP DO NOT TAKE ANY RESPONSIBILITY FOR THE USE OF UNSAFE PRODUCTS
4. THE CONTRACTOR IS TO DESIGN, OBTAIN APPROVALS AND CARRY OUT REQUIRED TEMPORARY TRAFFIC CONTROL PROCEDURES DURING CONSTRUCTION IN ACCORDANCE WITH ALL REGULATORY AUTHORITIES, INCLUSIVE OF LOCAL COUNCIL REGULATIONS AND REQUIREMENTS.
5. THE CONTRACTOR IS TO OBTAIN ALL AUTHORITY APPROVALS AS REQUIRED PRIOR TO COMMENCEMENT OF WORKS.
6. RESTORE ALL PAVED, COVERED, GRASSED AND LANDSCAPED AREAS TO THEIR ORIGINAL CONDITION OR AS DIRECTED BY THE SITE SUPERINTENDENT ON COMPLETION OF WORKS. WHERE PLANTING OF NEW GRASS IS NECESSARY REFER TO LANDSCAPE ARCHITECT AND / OR ARCHITECT DOCUMENTATION.
7. ON COMPLETION OF ANY TRENCHING WORKS, ALL DISTURBED AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR AS DIRECTED BY THE SITE SUPERINTENDENT, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL, GRASSED AREAS AND ROAD PAVEMENTS.
8. THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A REGISTERED SURVEYOR PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR IS TO ENSURE THAT SURVEY BOUNDARIES ARE DERIVED FROM A CADASTRAL SURVEY RATHER THAN A DETAIL SURVEY.
9. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING LEVELS ONSITE PRIOR TO LODGMET OF TENDER AND ONSITE WORKS. THE PRICE AS TENDERED SHALL BE INCLUSIVE OF ALL WORKS SHOWN ON THE TENDER PROJECT DRAWINGS. ADDITIONAL PAYMENTS FOR WORKS SHOWN ON THE TENDER PROJECT DRAWINGS WILL NOT BE APPROVED.
10. DO NOT OBTAIN DIMENSIONS BY SCALING DRAWINGS.
11. IN CASE OF DOUBT OR DISCREPANCY REFER TO SUPERINTENDENT FOR CLARIFICATION OR CONFIRMATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
12. WHERE NEW WORKS ABUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED. MAKE SMOOTH TRANSITION TO EXISTING FEATURES AND MAKE GOOD WHERE JOINED.
13. TRENCHES THROUGH EXISTING ROAD AND CONCRETE PAVEMENTS SHALL BE SAWCUT TO FULL DEPTH OF CONCRETE AND A MIN 50mm IN BITUMINOUS PAVING.
14. ALL CIVIL ENGINEERING DESIGN HAS BEEN DOCUMENTED UNDER THE ASSUMPTION THAT ALL NECESSARY SITE CONTAMINATION REMEDIATION WORKS HAVE BEEN SATISFACTORILY COMPLETED (IF APPLICABLE) AND THAT THE SITE IS NOT AFFECTED BY ANY SOIL STRATA OR GROUNDWATER TABLE CONTAMINATION.
15. NOTES ON DETAILS PROVIDED TAKE PRECEDENCE OVER SPECIFICATION NOTES UNLESS IN CONTRADICTION WITH COUNCIL/AUTHORITY SPECIFICATIONS/DETAILS. CONTRACTOR TO CONSULT WITH NORTHPROP FOR ANY DISCREPANCIES.
16. IF THE CONTRACTOR DISCOVERS HAZARDOUS/CONTAMINATED MATERIAL THE CONTRACTOR SHALL CONSULT WITH AN ENVIRONMENTAL SPECIALIST.
17. THE CONTRACTOR IS RESPONSIBLE FOR DEALING WITH COMMUNITY COMPLAINTS ASSOCIATED WITH THE WORKS UNDER THE CONTRACT AND TO COMPENSATE FOR/RECTIFY ANY DAMAGE REASONABLY CAUSED BY THE CONTRACTOR.
18. THE TERM 'MAKE GOOD' OR 'MAKE NEAT' IS IN REFERENCE TO THE SATISFACTION OF NORTHPROP OR CERTIFYING ENGINEER. THE CONTRACTOR IS TO SEEK CLARIFICATION FROM NORTHPROP OR THE CERTIFYING ENGINEER IF NECESSARY
19. TOLERANCES TO BE IN ACCORDANCE WITH COUNCIL/AUTHORITY REQUIREMENTS. IN ABSENCE OF COUNCIL/AUTHORITY SPECIFICATIONS THE FOLLOWING TOLERANCES APPLY: xxx xxx xxx
SERVICE TRENCHES
20. SAWCUT EXISTING SURFACES PRIOR TO EXCAVATION. BACKFILL ALL TRENCHES UNDER EXISTING ROADS, PAVEMENTS AND PATHS WITH STABILISED SAND 5% CEMENT OR DGS40 MATERIAL (5% CEMENT) COMPACTED IN 200mm THICK LAYERS TO 98% MHDD TO UNDERSIDE OF PAVEMENT.
21. BACKFILL ALL TRENCHES NOT UNDER ROADS, PAVEMENTS, PATHS AND BUILDINGS WITH APPROVED EXCAVATED OR IMPORTED MATERIAL COMPACTED TO 95% SMDD.

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT		PROJECT	DRAWING TITLE	JOB NUMBER	
01	ISSUED FOR DA	JM		NS	18.10.24	TULICH PTY LTD	 STUDIO.SC A: Level 1, 1 Chifley Square Sydney NSW 2000 Australia www.studio.sc.com.au +61 2 9957 3998 thomson@studio.sc.com	 ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCING WORK. NORTHPROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY. THIS DRAWING MAY HAVE BEEN PREPARED USING COLOUR, AND MAY BE INCOMPLETE IF COPIED TO BLACK & WHITE	 NORTHPROP Sydney Level 11 345 George Street, Sydney NSW 2000 Ph (02) 9241 4188 Fax (02) 9241 4324 Email sydney@northrop.com.au ABN 81 094 433 100	TULICH ORAN PARK 1 CIVIC WAY ORAN PARK, NSW, 2570	CIVIL ENGINEERING PACKAGE SPECIFICATION NOTES	241823
02	ISSUED FOR DA	UM		DW	25.10.24							
DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED							THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHPROP CONSULTING ENGINEERS PTY LTD					
											DRAWING NUMBER	REVISION
											C01.11	02
											DRAWING SHEET SIZE = A1	

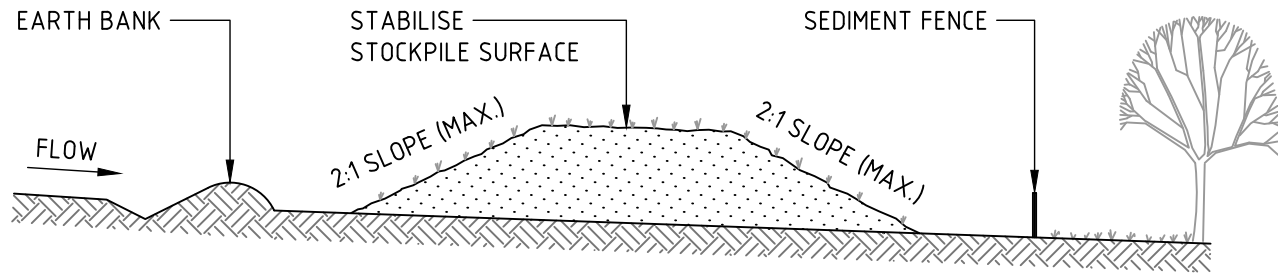
FOUNDED: 1911 NORTHPROP - AUSTRALIA'S LEADING CIVIL ENGINEERING CONSULTANTS - TULICH ORAN PARK ORAN PARK NSW 2570 - TULICH ORAN PARK ORAN PARK NSW 2570 - TULICH ORAN PARK ORAN PARK NSW 2570

DESIGNED: DWEERAMANTHRI JOB MANAGER: N SUTHERLAND VERIFIER: R GILL



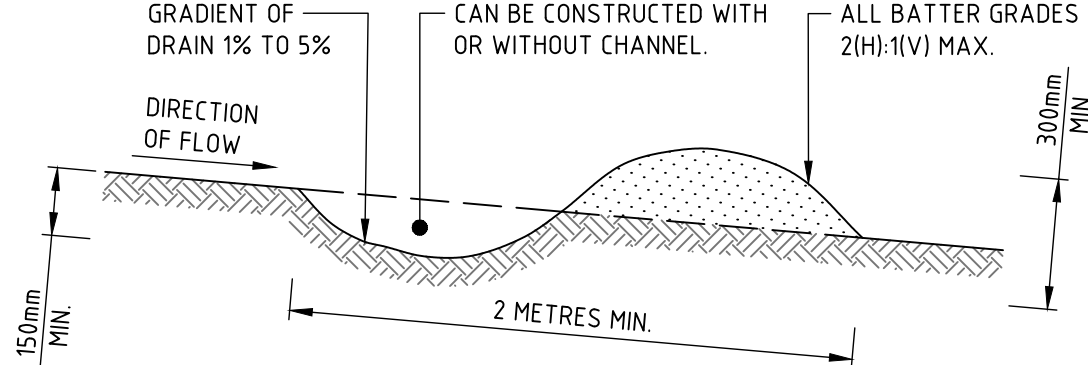
- CONSTRUCTION NOTES**
1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
 2. CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
 3. DRIVE 15 METRE LONG STAR PICKETS INTO GROUND AT 2.5 METRE INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
 4. FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
 5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
 6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.

SEDIMENT FENCE



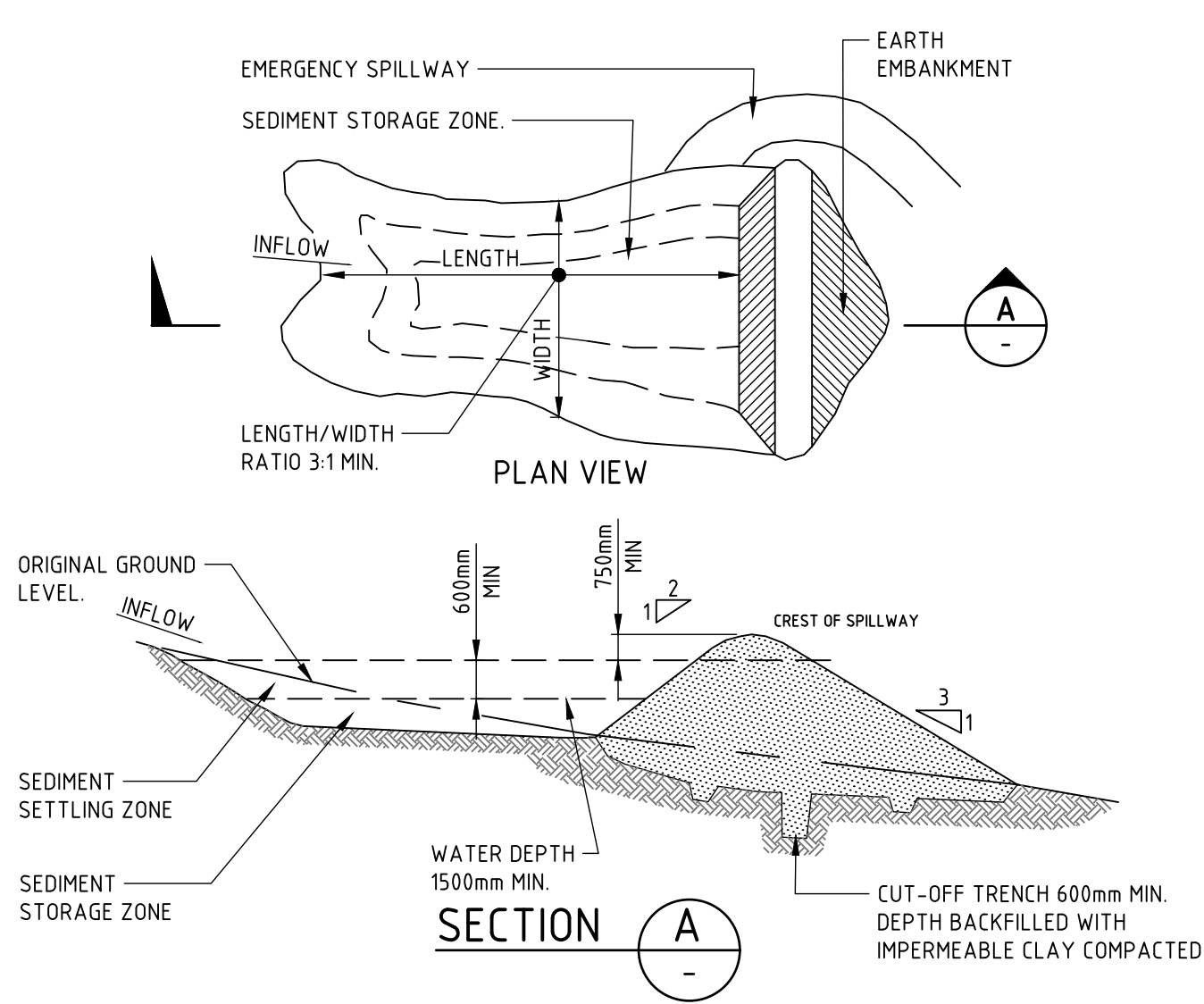
- CONSTRUCTION NOTES**
1. PLACE STOCKPILES MORE THAN 2m (PREFERABLY 5m) FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
 2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
 3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2m IN HEIGHT.
 4. WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
 5. CONSTRUCT EARTH BANKS (STANDARD DRAWING 5-5) ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES (STANDARD DRAWING 6-8) 1 TO 2m DOWNSLOPE.

STOCKPILE



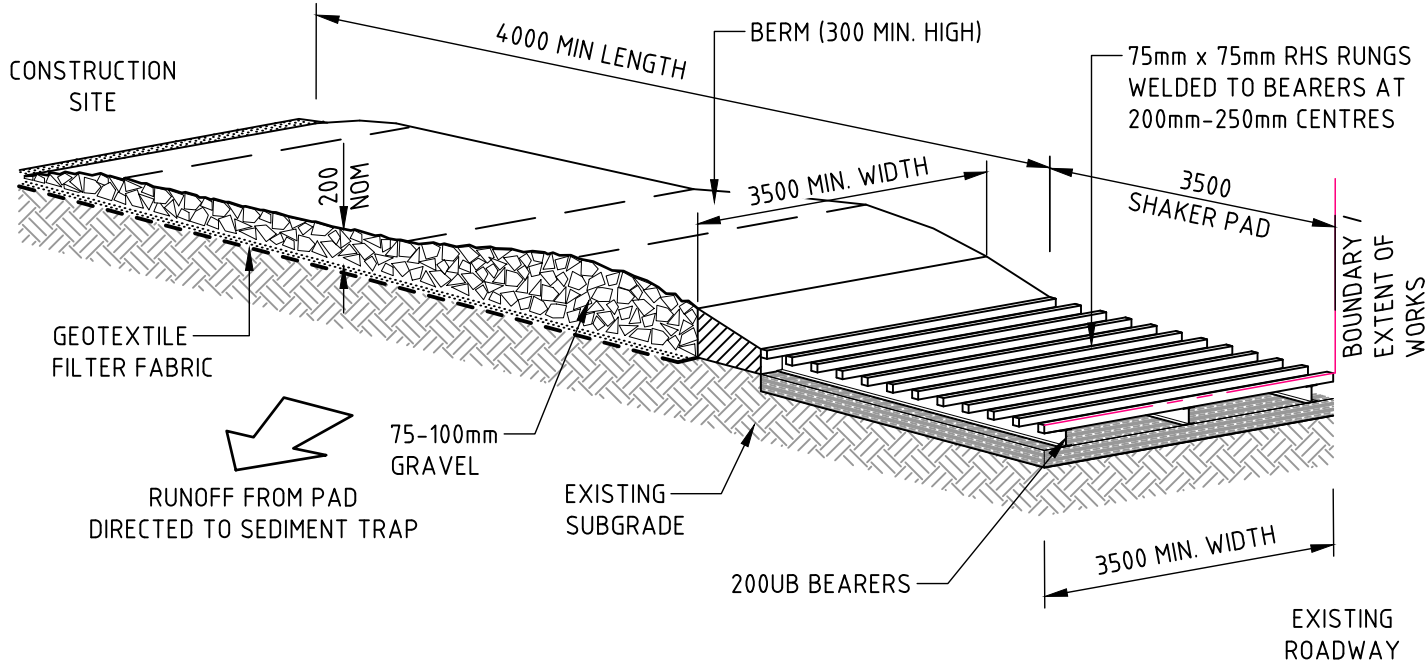
- CONSTRUCTION NOTES**
1. BUILD WITH GRADIENTS BETWEEN 1 AND 5 PERCENT.
 2. AVOID REMOVING TREES AND SHRUBS IF POSSIBLE - WORK AROUND THEM.
 3. ENSURE THE STRUCTURES ARE FREE OF PROJECTIONS OR OTHER IRREGULARITIES THAT COULD IMPEDE WATER FLOW.
 4. BUILD THE DRAINS WITH CIRCULAR, PARABOLIC OR TRAPEZOIDAL CROSS SECTIONS, NOT V SHAPED.
 5. ENSURE THE BANKS ARE PROPERLY COMPACTED TO PREVENT FAILURE.
 6. COMPLETE PERMANENT OR TEMPORARY STABILISATION WITHIN 10 DAYS OF CONSTRUCTION.

NOTE: ONLY TO BE USED AS TEMPORARY BANK WHERE MAXIMUM UPSLOPE LENGTH IS 80 METRES.
DRAINAGE SWALE - LOW FLOW



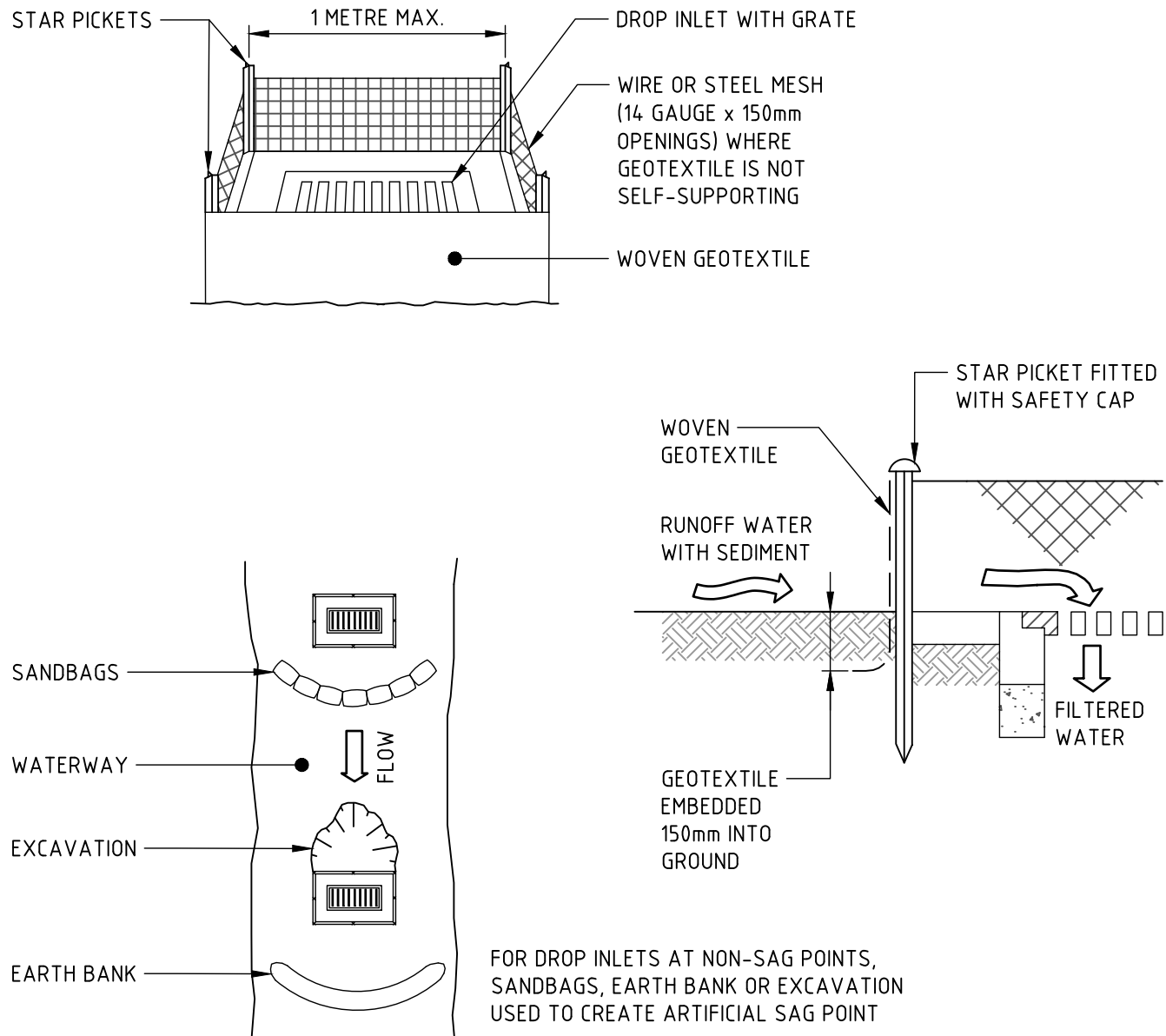
- CONSTRUCTION NOTES**
1. REMOVE ALL VEGETATION AND TOPSOIL FROM UNDER THE DAM WALL AND FROM WITHIN THE STORAGE AREA.
 2. CONSTRUCT A CUT-OFF TRENCH 500mm DEEP AND 1200mm WIDE ALONG THE CENTRELIN OF THE EMBANKMENT EXTENDING TO A POINT ON THE GULLY WALL LEVEL WITH THE RISER CREST.
 3. MAINTAIN THE TRENCH FREE OF WATER AND RECOMPACT THE MATERIALS WITH EQUIPMENT AS SPECIFIED IN THE SWMP TO 95 PER CENT STANDARD PROCTOR DENSITY.
 4. SELECT FILL FOLLOWING THE SWMP THAT IS FREE OF ROOTS, WOOD, ROCK, LARGE STONE OR FOREIGN MATERIAL.
 5. PREPARE THE SITE UNDER THE EMBANKMENT BY RIPPING TO AT LEAST 100mm TO HELP BOND COMPACTED FILL TO THE EXISTING SUBSTRATE.
 6. SPREAD THE FILL IN 100mm TO 150mm LAYERS AND COMPACT IT AT OPTIMUM MOISTURE CONTENT FOLLOWING THE SWMP.
 7. CONSTRUCT THE EMERGENCY SPILLWAY.
 8. REHABILITATE THE STRUCTURE FOLLOWING THE SWMP.

(APPLIES TO 'TYPE D' AND 'TYPE F' SOILS ONLY)
EARTH SEDIMENT BASIN - WET



- CONSTRUCTION NOTES**
1. THE TEMPORARY ACCESS SHALL BE MAINTAINED IN A CONDITION THAT PREVENTS TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS OF WAY.
 - THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL GRAVEL AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 2. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS OF WAY MUST BE REMOVED IMMEDIATELY.
 3. INSTALL BARRIER ON EITHER SIDE OF SHAKER PAD, TO ENSURE VEHICLES ARE GUIDED ON TO THE PAD.
 4. INVERT OF SHAKER PAD TO BE DRAINED VIA AGRICULTURAL PIPE WRAPPED IN GEOTEXTILE FABRIC.

STABILISED SITE ACCESS



- CONSTRUCTION NOTES**
1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
 2. FOLLOW STANDARD DRAWING 6-7 AND STANDARD DRAWING 6-8 FOR INSTALLATION PROCEDURES FOR THE STRAW BALES OR GEOFABRIC. REDUCE THE PICKET SPACING TO 1 METRE CENTRES.
 3. IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
 4. DO NOT COVER THE INLET WITH GEOTEXTILE UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.

GEOTEXTILE INLET FILTER TRAPS

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
01	ISSUED FOR DA	JM		NS	18.10.24
02	ISSUED FOR DA	UM		DW	25.10.24

TULICH PTY LTD

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ARCHITECT	CLIENT
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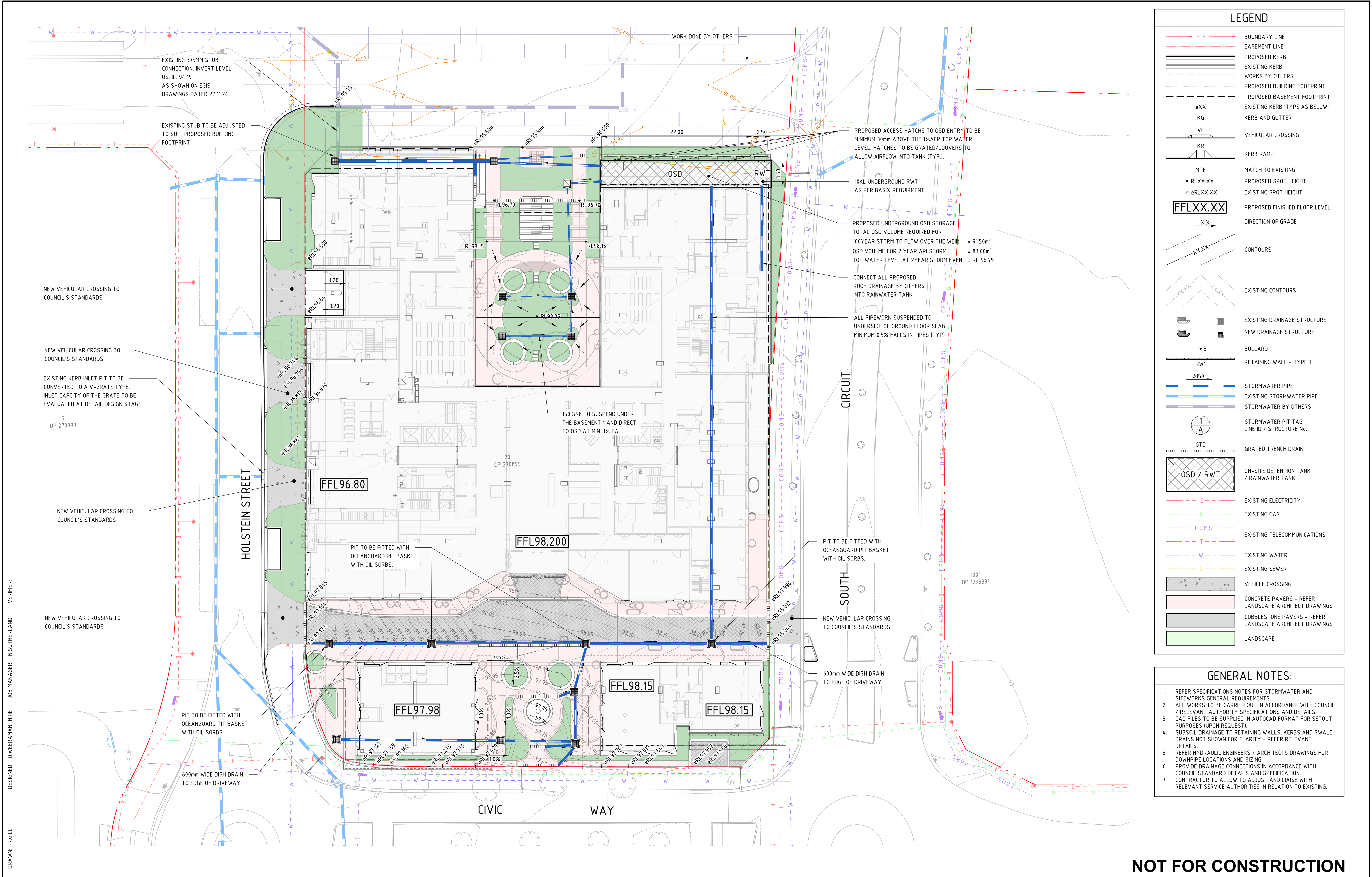
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NORTHROP
Sydney Level 11 345 George Street, Sydney NSW 2000 Ph (02) 9241 4188 Fax (02) 9241 4324 Email sydney@northrop.com.au ABN 81 094 433 100

PROJECT
TULICH ORAN PARK 1 CIVIC WAY ORAN PARK, NSW, 2570

DRAWING TITLE	JOB NUMBER
CIVIL ENGINEERING PACKAGE	241823
SEDIMENT AND SOIL EROSION CONTROL DETAILS	DRAWING NUMBER
	C02.11
	REVISION
	02
DRAWING SHEET SIZE = A1	

NOT FOR CONSTRUCTION



DESIGNED: D.WEERAMANTHRI JOB MANAGER: N.SUTHERLAND VERIFIER: R.GILL

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
01	ISSUED FOR DA	JM	NS	NS	15.10.24	TULICH PTY LTD
02	ISSUED FOR DA	JM	NS	NS	18.10.24	
03	ISSUED FOR DA	UM	DW	NS	25.10.24	
04	RE-ISSUED FOR DA	AS	NS	NS	14.03.25	
05	RE-ISSUED FOR DA	AS	NS	NS	04.04.25	

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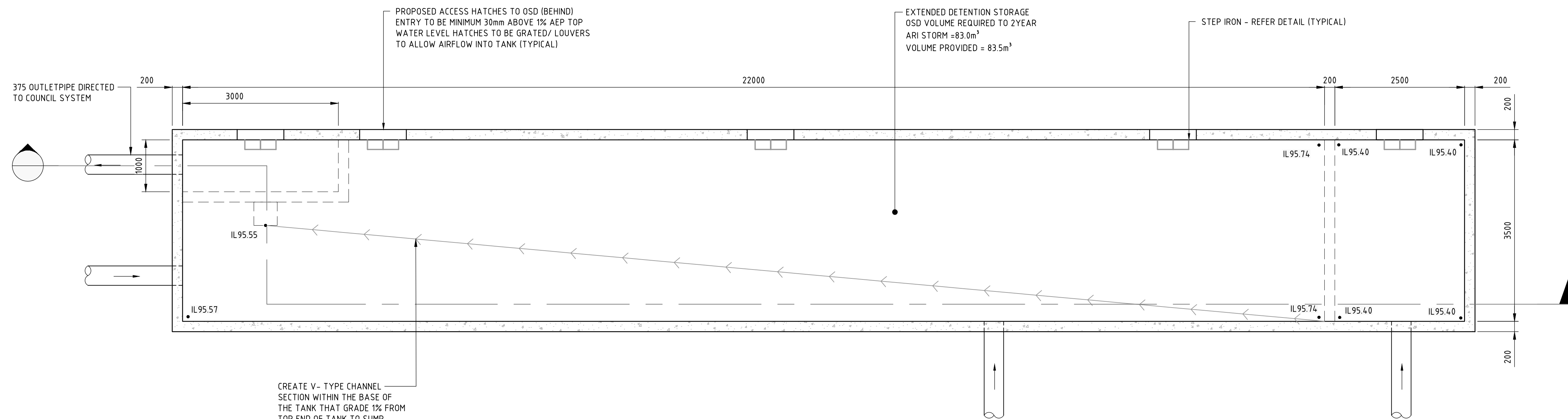
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1 CIVIC WAY ORAN PARK, NSW, 2570	

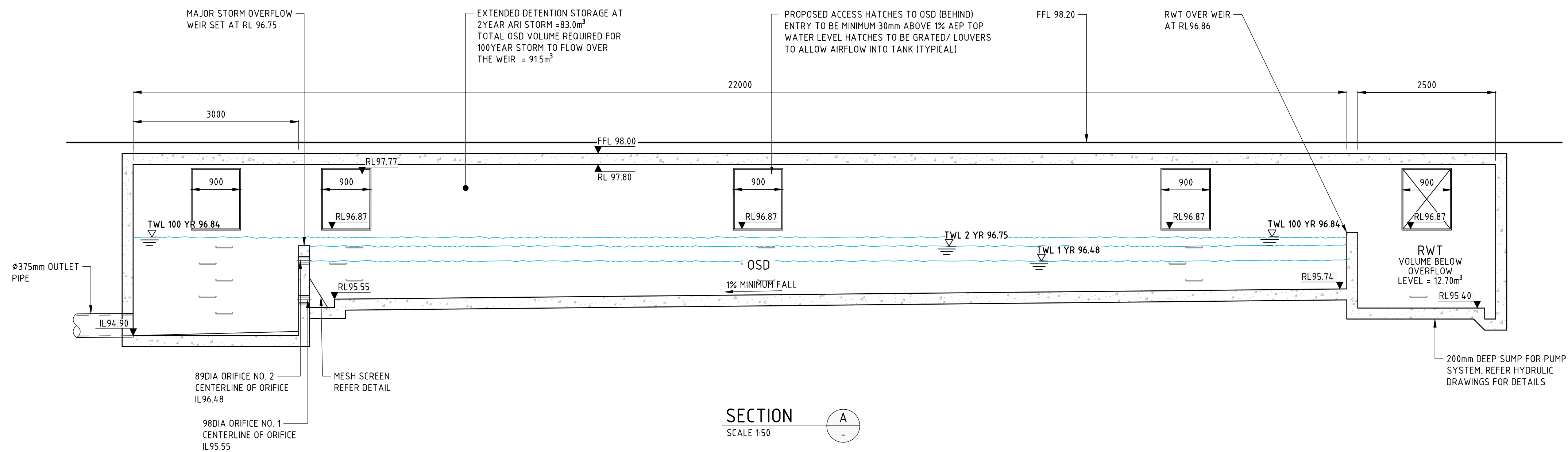
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SITEWORKS AND STORMWATER MANAGEMENT PLAN		DRAWING NUMBER	C04.01
		REVISION	05
DRAWING SHEET SIZE = A1			

NOT FOR CONSTRUCTION



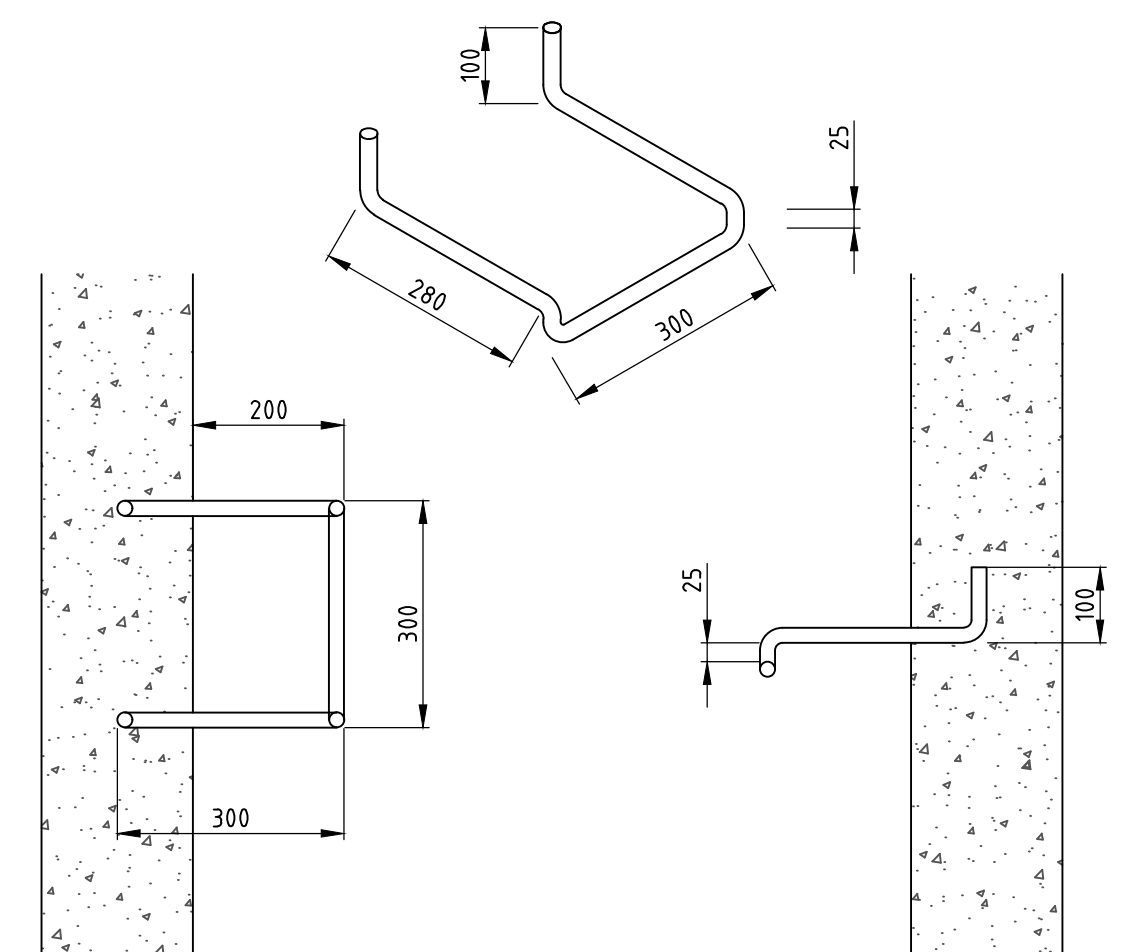
OSD TANK BASE PLAN

SCALE 1:50



SECTION

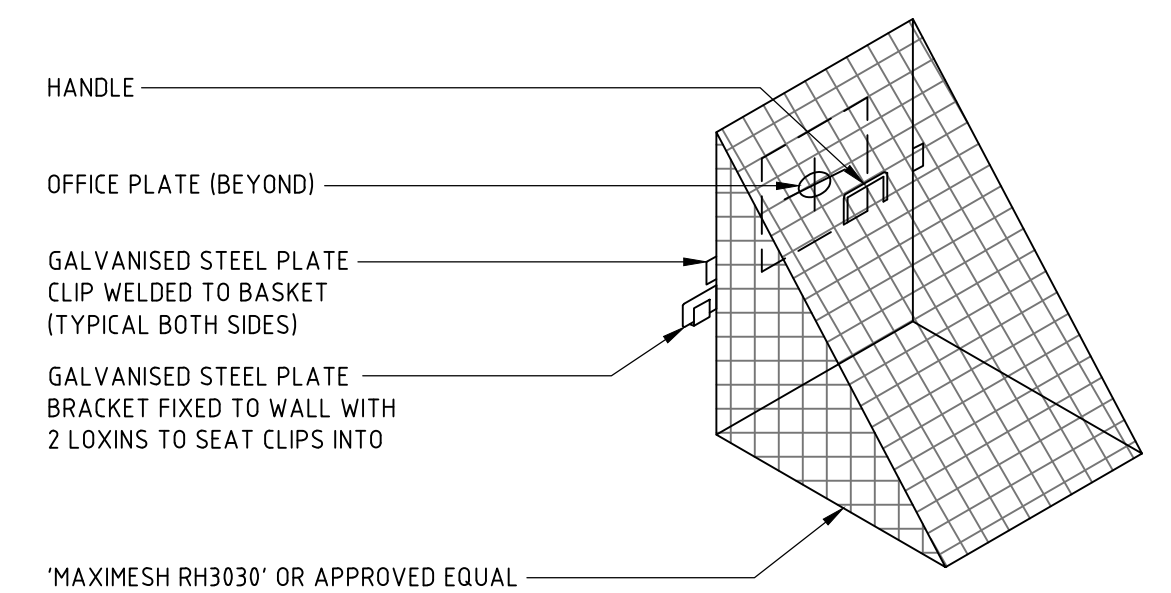
SCALE 1:50



STEP IRON DETAIL

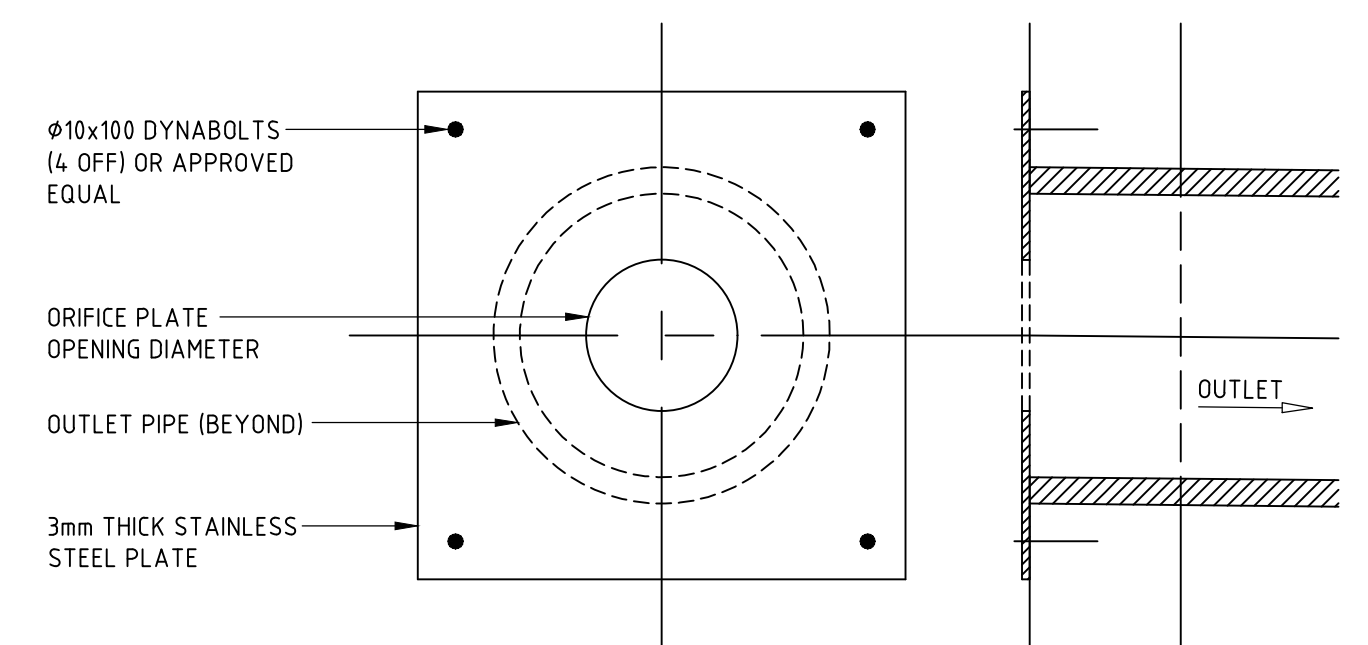
STEP IRON OF 20mm GALVANISED STEEL MADE TO SHAPE AND DIMENSIONS AS SHOWN, PLACED AT 300 CENTRES AND STAGGERED HORIZONTALLY FOR ALL PITS DEEPER THAN 1.0m. THE USE OF PROPRIETARY STEP IRONS ARE ACCEPTABLE PROVIDED THE PRODUCT IS IN ACCORDANCE WITH AUSTRALIAN STANDARDS

SCALE 1:10



TRASH SCREEN DETAIL

SCALE 1:10



ORIFICE PLATE DETAIL

SCALE 1:10

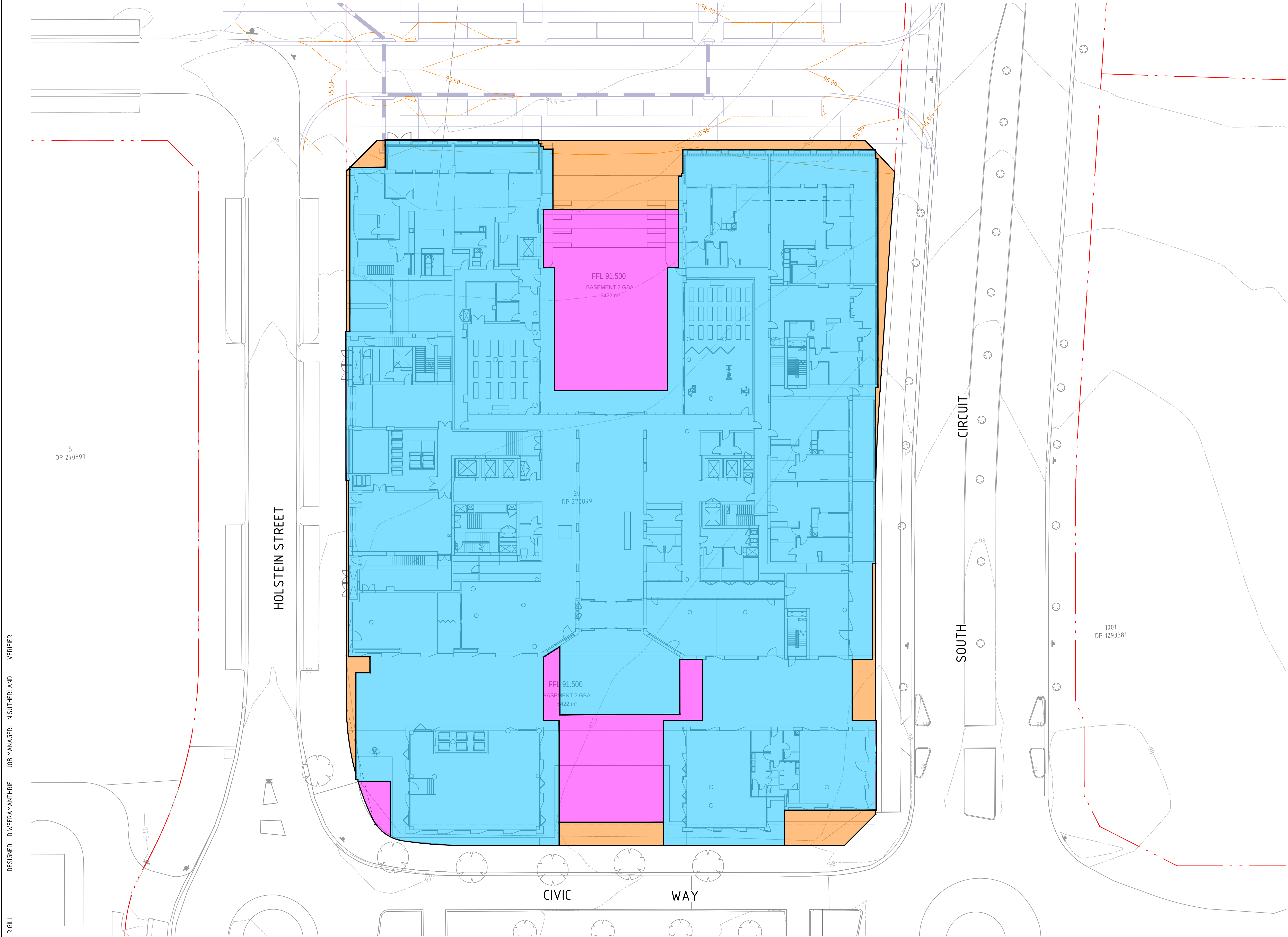
ORIFICE DIAMETER 1.98mm

ORIFICE DIAMETER 2 89mm

DRAWN: R.GILL	DESIGNED: D.WEERAMANTHRI	JOB MANAGER: N.SUTHERLAND	VERIFIER:
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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT	PROJECT		DRAWING TITLE	JOB NUMBER	
01	ISSUED FOR DA	JM	NS	18.10.24		TULICH PTY LTD	 STUDIO.SC A: Level 1, 1 Chifley Square Sydney NSW 2000 Australia www.studio-sc.com.au 61 2 9957 3988 thomson@studio-sc.com	 NORTHROP Sydney Level 11 345 George Street, Sydney NSW 2000 Ph (02) 9241 4188 Fax (02) 9241 4324 Email sydney@northrop.com.au ABN 81 094 433 100	TULICH ORAN PARK	CIVIL ENGINEERING PACKAGE	241823	
02	ISSUED FOR DA	UM	DW	25.10.24								
03	RE-ISSUED FOR DA	AS	NS	14.03.25								
04	RE-ISSUED FOR DA	AS	NS	04.04.25								
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										DRAWING SHEET SIZE = A1		

DRAWN: R.GILL
DESIGNED: D.WEERAMANTHRI
JOB MANAGER: N.SUTHERLAND
VERIFIER:



LEGEND

PROPOSED BOUNDARY LINE

EXISTING BOUNDARY LINE

EXISTING CONTOURS

PROPOSED CONTOURS

CATCHMENT BOUNDARY

01\01
0.3671ha

CATCHMENT TAG

EXISTING DRAINAGE STRUCTURE

NEW DRAINAGE STRUCTURE

ROOF AND PODIUM CATCHMENT TO DIRECTED TO RWT/OSD SYSTEM.
AREA = 0.518Ha

COURTYAD CATCHMENT TO DIRECTED RWT/OSD SYSTEM.
AREA = 0.0606Ha

COURTYAD CATCHMENT TO BYPASS RWT/OSD SYSTEM AND DIRECTED TO ADJOINING ROADWAY.
AREA = 0.0370Ha

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
01	ISSUED FOR DA	UM		DW	25.10.24

CLIENT	TULICH PTY LTD
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0 2 4 6 8 10 12m

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Sydney

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Email sydney@northrop.com.au ABN 81 094 433 100

PROJECT	TULICH ORAN PARK 1 CIVIC WAY ORAN PARK, NSW, 2570
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DRAWING TITLE	CIVIL ENGINEERING PACKAGE STORMWATER CATCHMENT PLAN
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JOB NUMBER	241823
DRAWING NUMBER	REVISION
C05.41	01
DRAWING SHEET SIZE = A1	

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