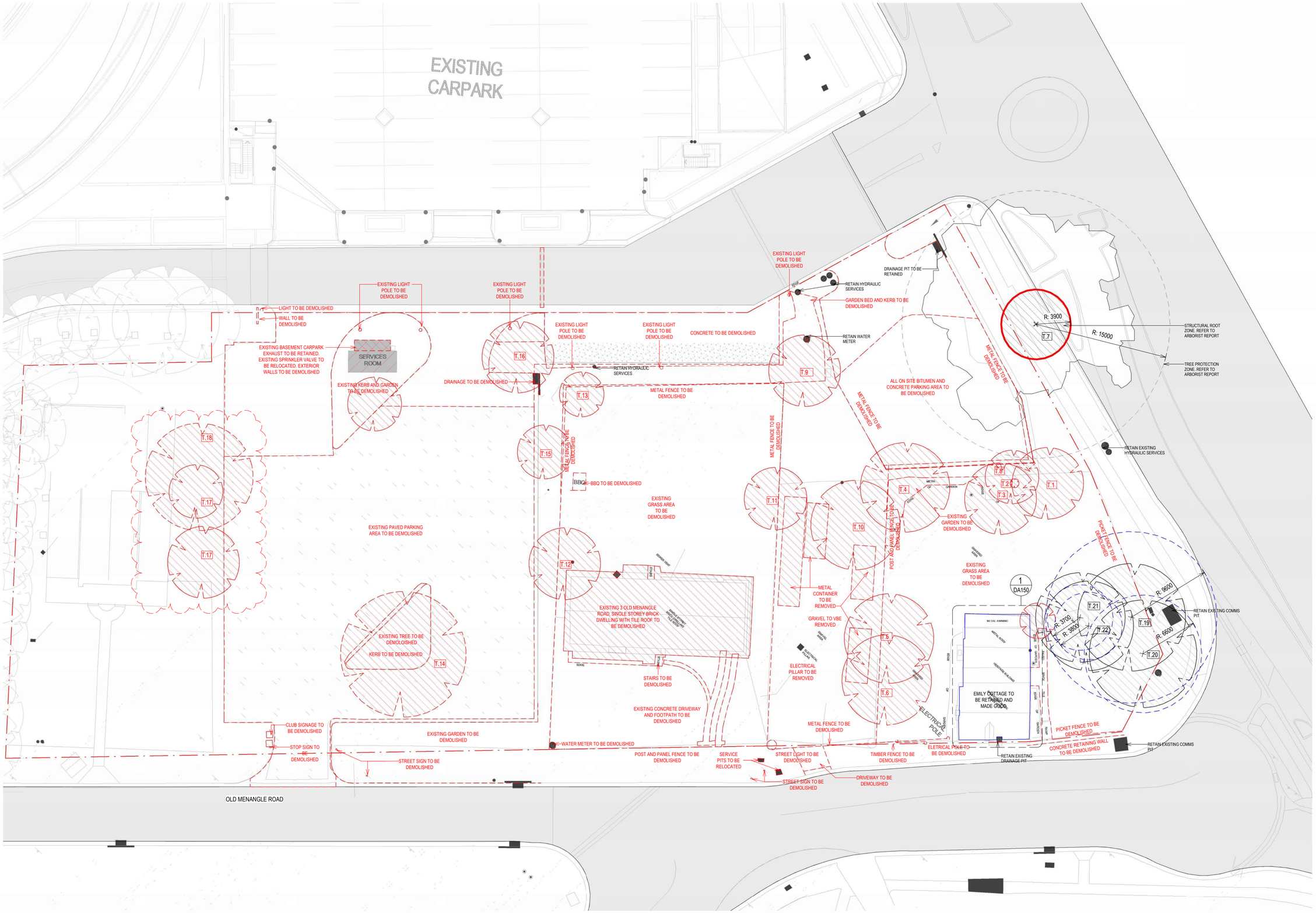

[Status] DA SUBMISSION

Doug Southwell /7362

[File] 20220099-AB-DA001-R23.rvt

[Print Date] 9/08/2024 3:07:04 PM

History

[Rev#]	[Description]	[Date]
A	FOR REVIEW	22.12.2023
1	FOR DA SUBMISSION	25.01.2024
2	FOR DA SUBMISSION	09.08.2024

GENERAL NOTES:

1. ALL PAVEMENT AND LANDSCAPING WITHIN SITE BOUNDARY TO BE REMOVED EXCEPT TREES AS NOTED.
2. T. REFERS TO TREE NUMBER AS PER ARBORIST REPORT. REFER TO REPORT FOR DETAILS OF TREES AND PROTECTION REQUIREMENTS

LEGEND

- SITE BOUNDARY
- TO BE DEMOLISHED
- TO BE RETAINED AND MADE GOOD
- TREES TO BE RETAINED
- TREE PROTECTION ZONE

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[Project] CAMPBELLTOWN CATHOLIC CLUB INDEPENDENT LIVING

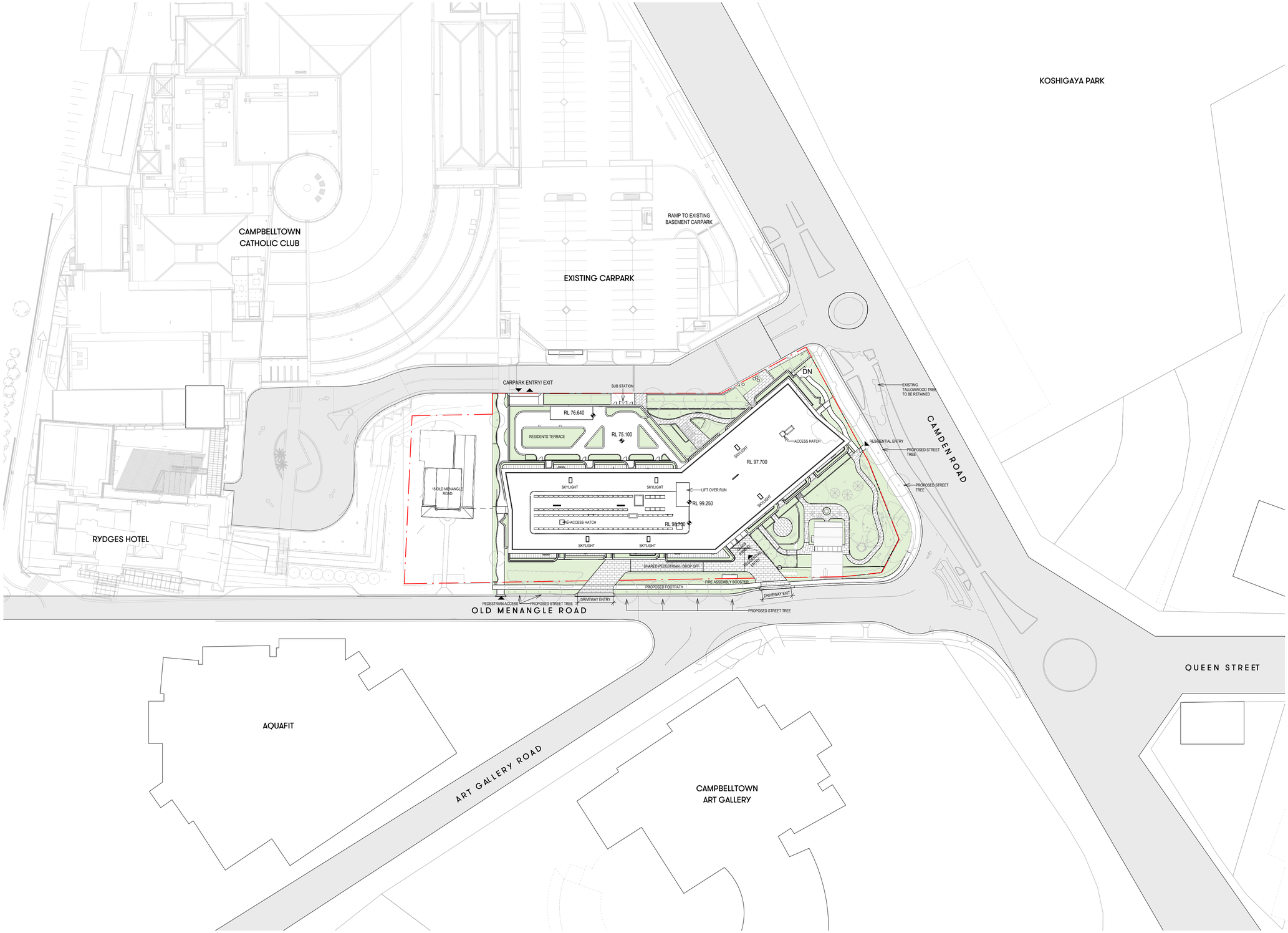
[Client] Campbelltown Catholic Club

0 2 4 6 8 10 m
Bar Scale 1:200

[Scale] As indicated @ A1

DEMOLITION WORK

[Ref] 20220099 [Dwg No] AD-DA030 [Rev] 2



[Status] Preliminary

Doug Southwell /7362

[File] 20220099-AB-DA001-R23.rvt

[Print Date] 25/01/2024 3:57:09 PM

History

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1	FOR DA SUBMISSION	25.01.2024

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[Client] Campbelltown Catholic Club

0 5 10 15 20 25 m
Bar Scale 1:500

[Scale] 1 : 500 @ A1

SITE PLAN

[Ref] 20220099 [Dwg No] AD-DA040 [Rev] 1

[Status]	DA SUBMISSION
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[File]	20220099-AB-DA001-R23.rvt
[Print Date]	9/09/2024 2:14:10 PM

History

[Rev#]	[Description]	[Date]
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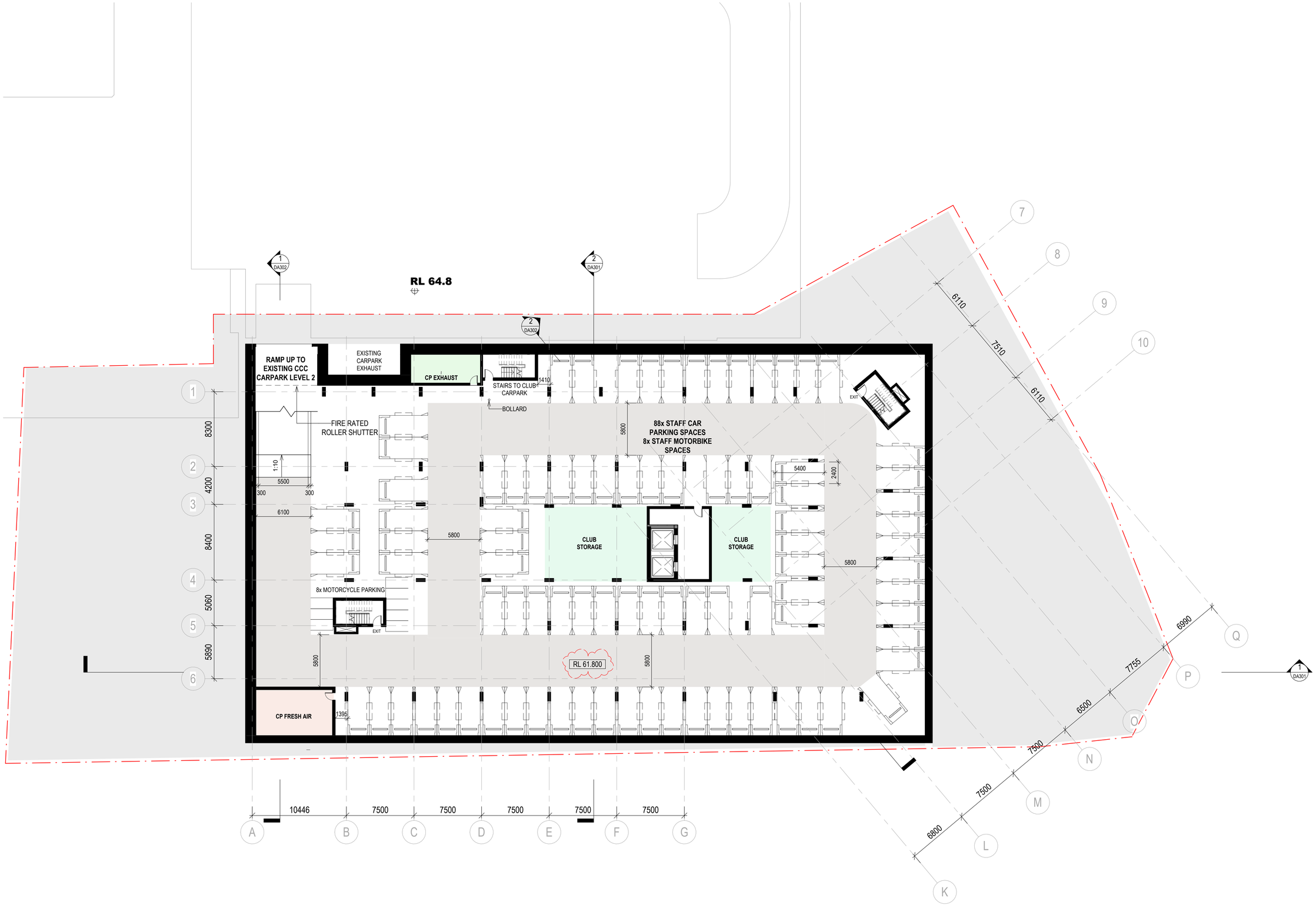
E	FOR REVIEW	22.12.2023
1	FOR DA SUBMISSION	25.01.2024
2	FOR DA SUBMISSION	09.09.2024



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[Project] CAMPBELLTOWN CATHOLIC CLUB INDEPENDENT LIVING

[Client] Campbelltown Catholic Club

0 2 4 6 8 10 m
Bar Scale 1:200

[Scale] 1 : 200 @ A1

GA PLAN - BASEMENT 3

[Ref] 20220099 [Dwg No] AD-DA097 [Rev] 2

GENERAL NOTE
Parking provision as the following;
- AS 2890.6-2009 - 15%
- 3.2m width - 50%
- Standard width (2.4m) - 35%
Refer to DA Access Report by Morris Godding for justification.

[Status]	DA SUBMISSION
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[Print Date]	9/09/2024 2:14:13 PM

History

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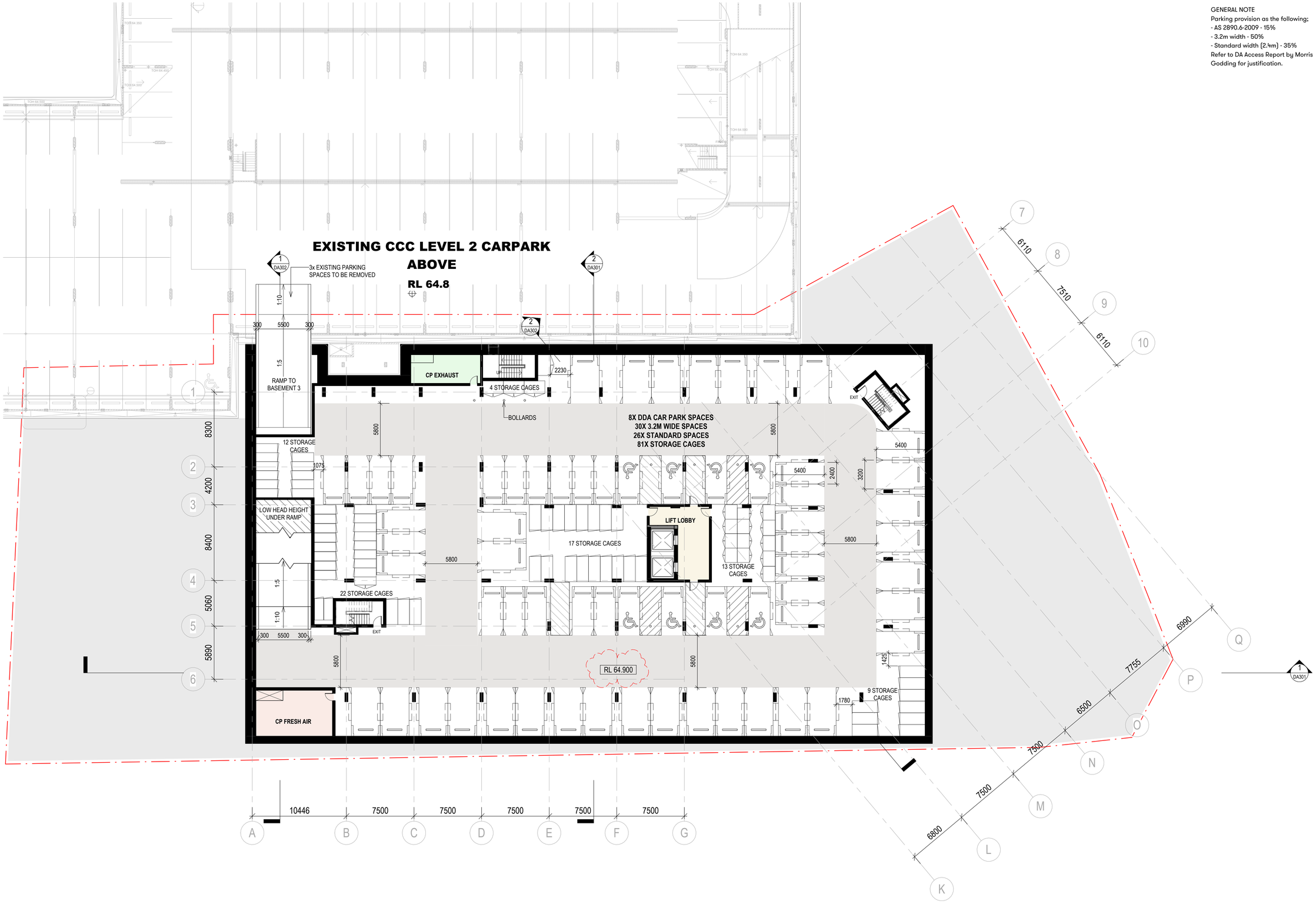
1	FOR DA SUBMISSION	25.01.2024
2	FOR DA SUBMISSION	09.09.2024



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[Project] CAMPBELLTOWN CATHOLIC CLUB INDEPENDENT LIVING

[Client] Campbelltown Catholic Club

Bar Scale 1:200 (0 2 4 6 8 10 m)

[Scale] 1 : 200 @ A1

GA PLAN - BASEMENT 2

[Ref] 20220099 [Dwg No] AD-DA098 [Rev] 2

GENERAL NOTE
Parking provision as the following;
- AS 2890.6-2009 - 15%
- 3.2m width - 50%
- Standard width (2.4m) - 35%
Refer to DA Access Report by Morris Godding for justification.

[Status]	DA SUBMISSION
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2	FOR DA SUBMISSION	09.08.2024
3	FOR DA SUBMISSION	09.09.2024

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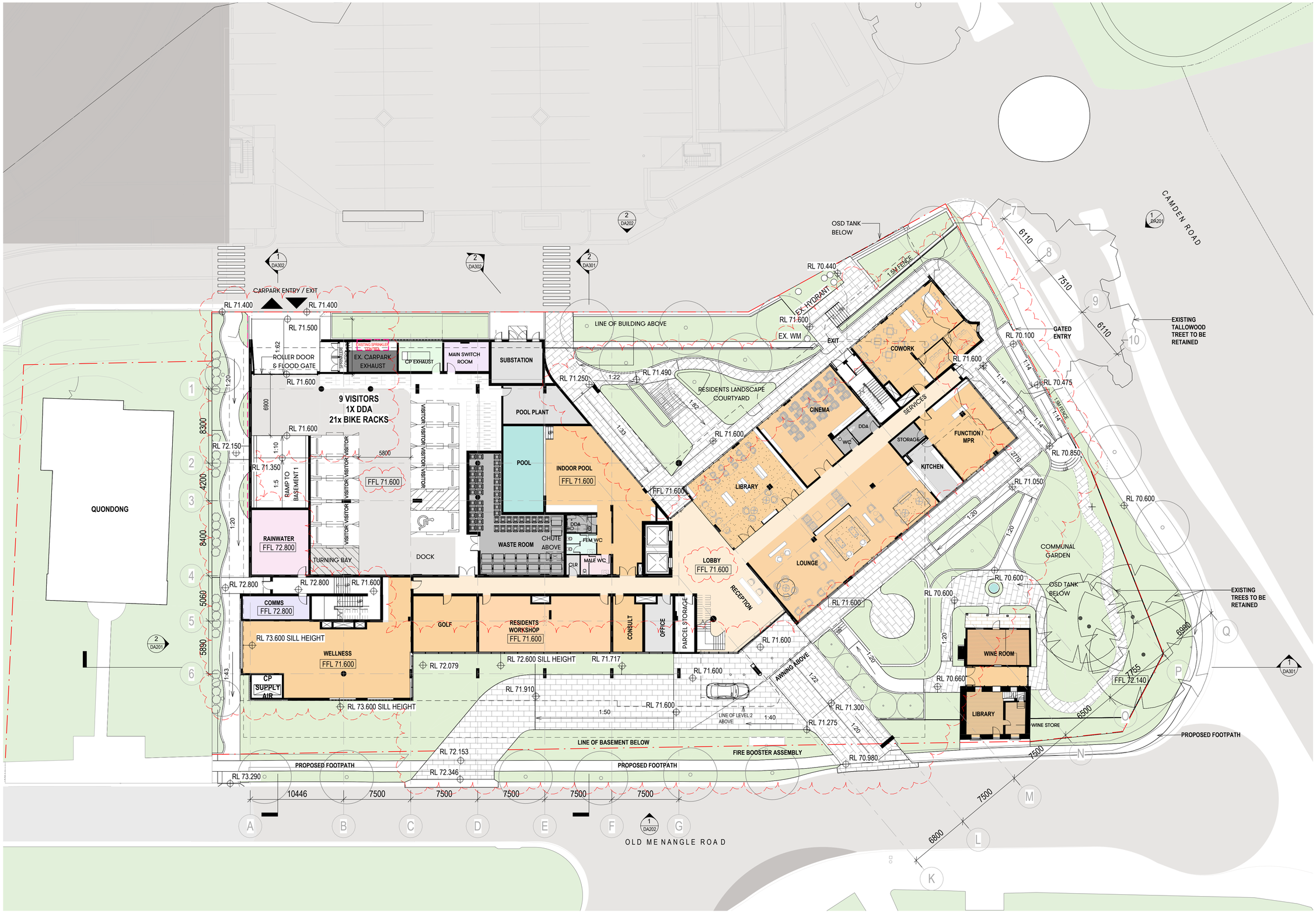
[Client] Campbelltown Catholic Club

0 2 4 6 8 10 m
Bar Scale 1:200

[Scale] 1 : 200 @ A1

GA PLAN - BASEMENT 1

[Ref] 20220099 [Dwg No] AD-DA099 [Rev] 3



[Status] DA SUBMISSION

Doug Southwell /7362

[File] 20220099-AB-DA001-R23.rvt

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History

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2	FOR DA SUBMISSION	09.08.2024
3	FOR DA SUBMISSION	09.09.2024

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[Client] Campbelltown Catholic Club

Bar Scale 1:200 (0 2 4 6 8 10 m)

[Scale] 1 : 200 @ A1

GA PLAN - GROUND FLOOR

[Ref] 20220099 [Dwg No] AD-DA100 [Rev] 3

[Status] DA SUBMISSION

Doug Southwell /7362

[File] 20220099-AB-DA001-R23.rvt

[Print Date] 9/09/2024 2:18:09 PM

History

[Rev#]	[Description]	[Date]
1	FOR DA SUBMISSION	25.01.2024
2	FOR DA SUBMISSION	17.05.2024
3	FOR DA SUBMISSION	09.08.2024
4	FOR DA SUBMISSION	09.09.2024

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[Client] Campbelltown Catholic Club

0 2 4 6 8 10 m
Bar Scale 1:200

[Scale] 1 : 200 @ A1

GA PLAN - LEVEL 1

[Ref] 20220099 [Dwg No] AD-DA101 [Rev] 4

[Status] DA SUBMISSION

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[File] 20220099-AB-DA001-R23.rvt

[Print Date] 9/09/2024 2:18:44 PM

History

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3	FOR DA SUBMISSION	09.08.2024
4	FOR DA SUBMISSION	09.09.2024

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[Client] Campbelltown Catholic Club

Bar Scale 1:200

[Scale] 1 : 200 @ A1

GA PLAN - LEVEL 2, 4 & 6

[Ref] 20220099 [Dwg No] AD-DA102 [Rev] 4

[Status]	DA SUBMISSION
	Doug Southwell /7362
[File]	20220099-AB-DA001-R23.rvt
[Print Date]	9/09/2024 2:19:11 PM

History

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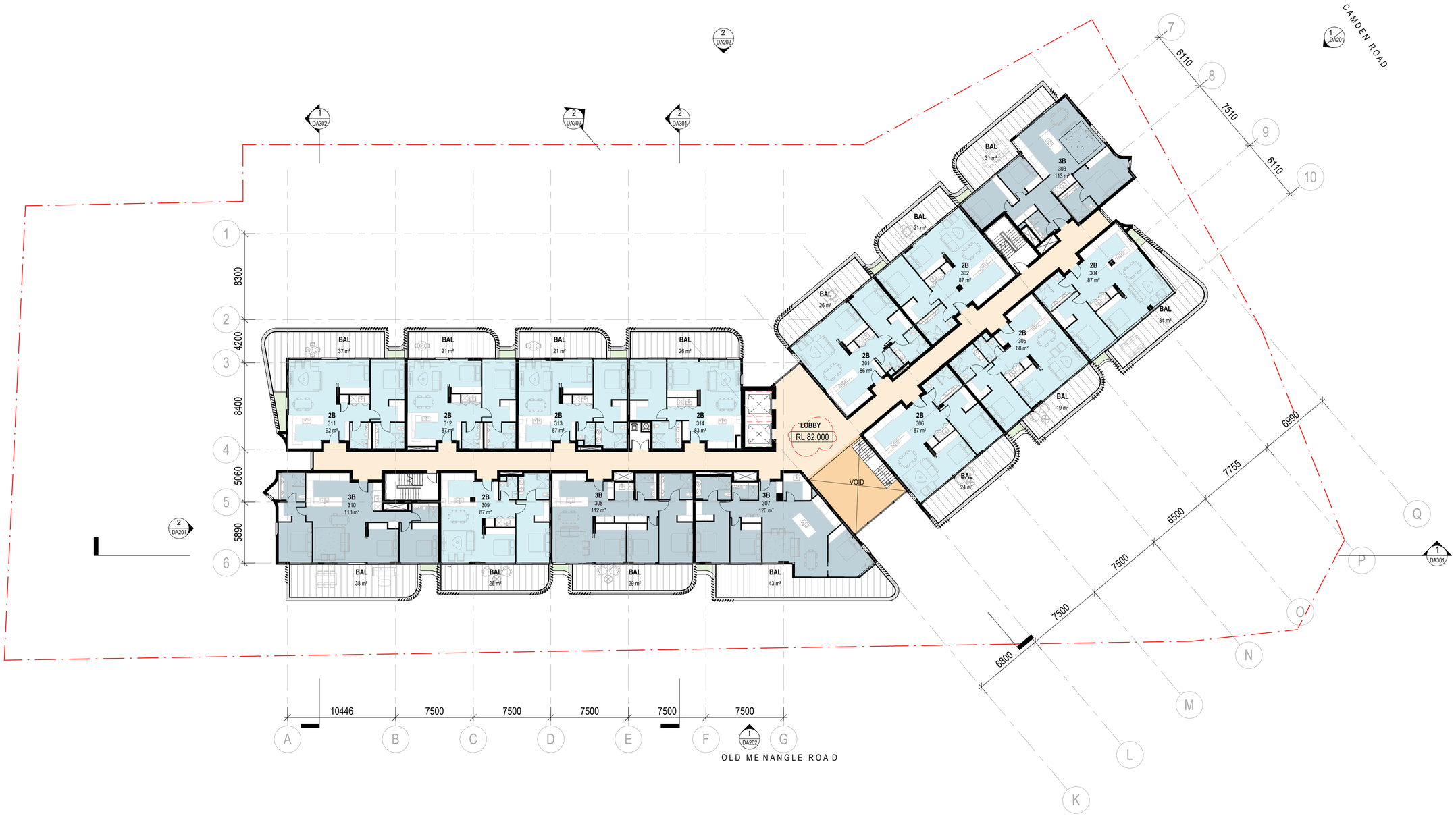

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[Client] Campbelltown Catholic Club

Bar Scale 1:200 (0 2 4 6 8 10 m)

[Scale] 1 : 200 @ A1

GA PLAN - LEVEL 3 & 5

[Ref] 20220099 [Dwg No] AD-DA103 [Rev] 4

[Status]	DA SUBMISSION
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[File]	20220099-AB-DA001-R23.rvt
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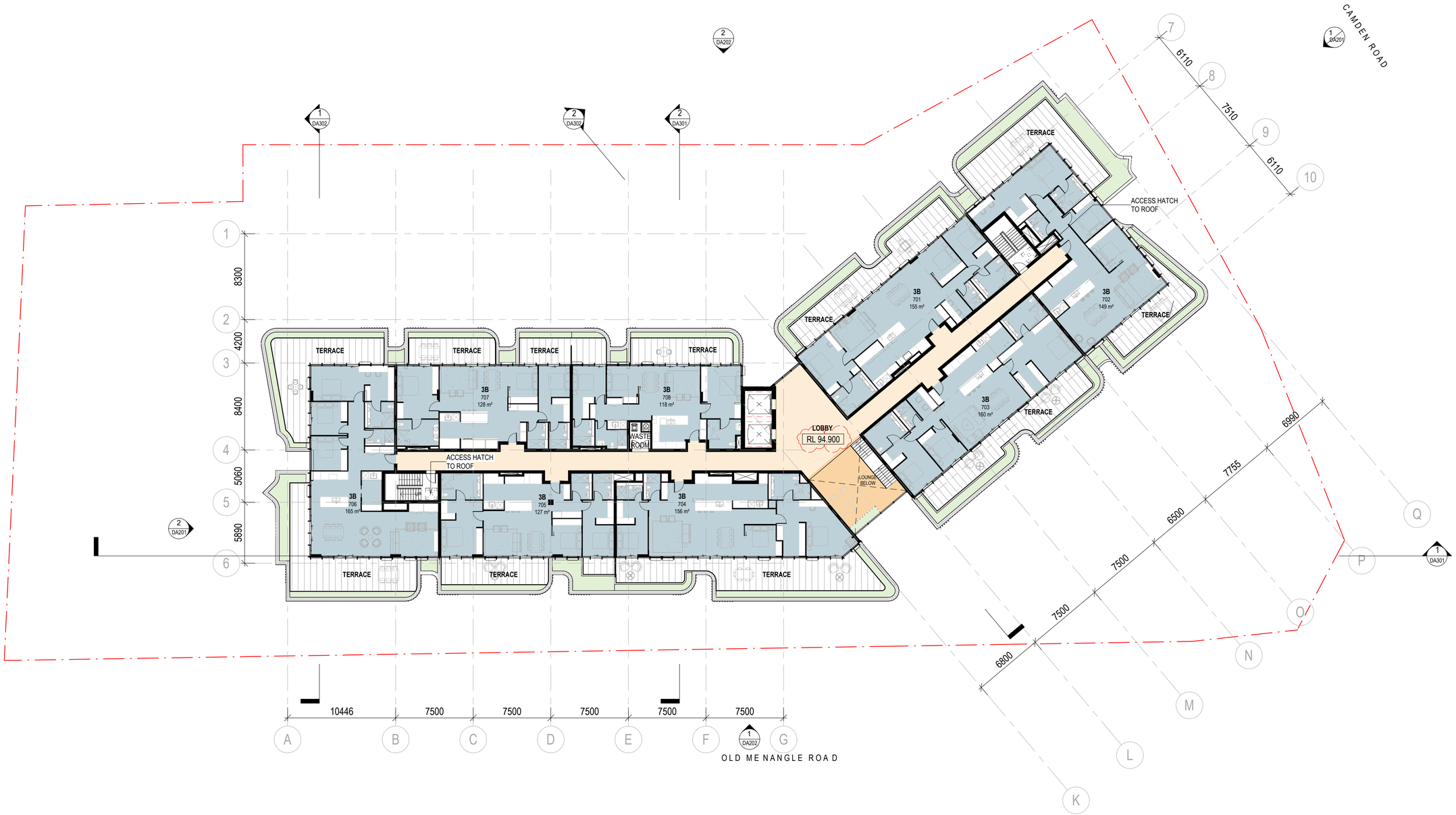

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[Project] CAMPBELLTOWN CATHOLIC CLUB INDEPENDENT LIVING

[Client] Campbelltown Catholic Club

Bar Scale 1:200 (0 2 4 6 8 10 m)

[Scale] 1 : 200 @ A1

GA PLAN - LEVEL 7

[Ref] 20220099 [Dwg No] AD-DA107 [Rev] 2

[Status]	DA SUBMISSION
	Doug Southwell /7362
[File]	20220099-AB-DA001-R23.rvt
[Print Date]	9/09/2024 2:37:48 PM

History

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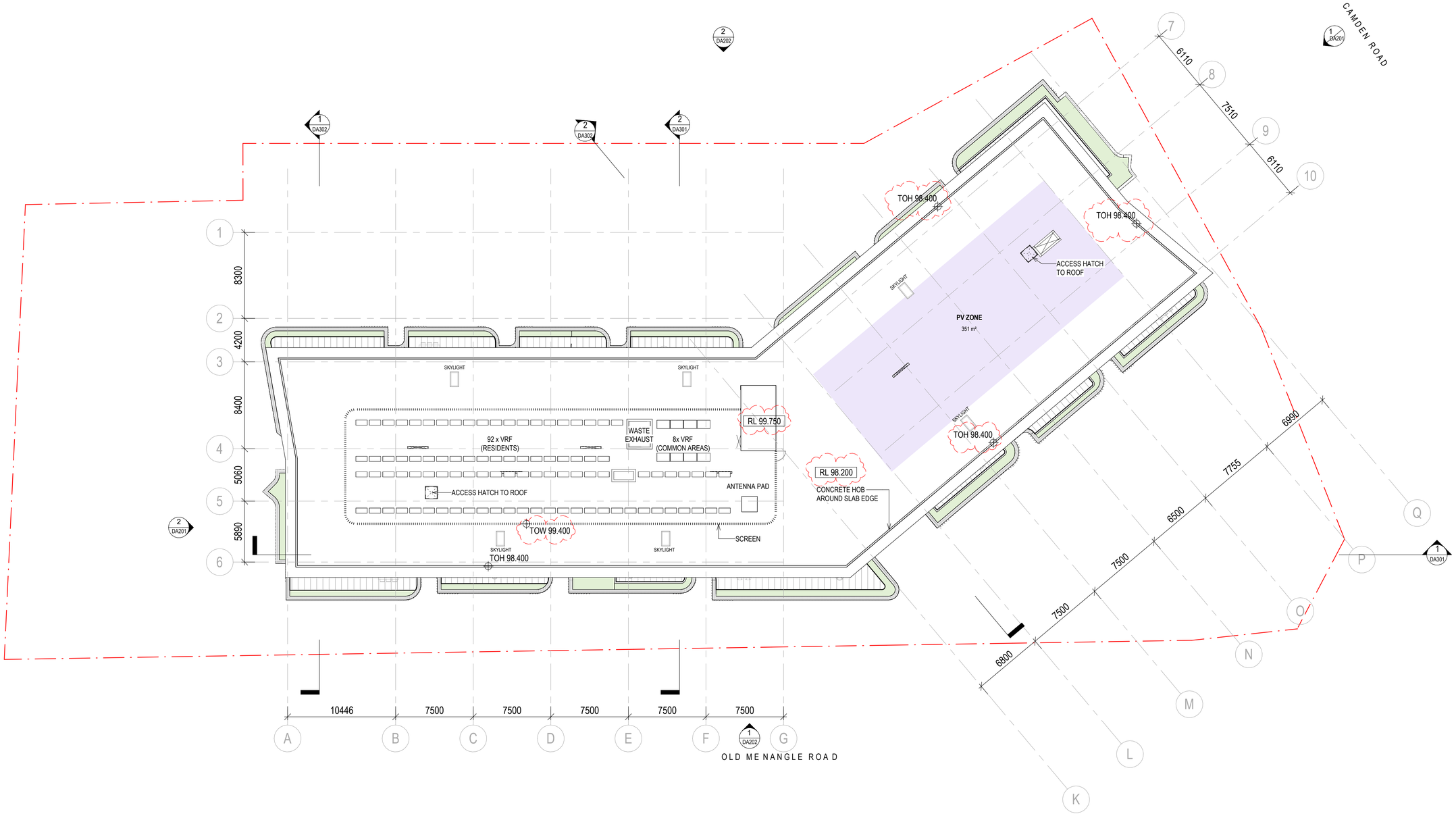

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[Project] CAMPBELLTOWN CATHOLIC CLUB INDEPENDENT LIVING

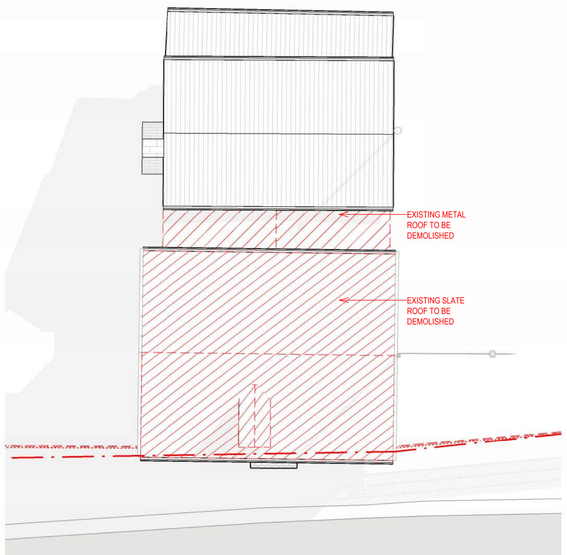
[Client] Campbelltown Catholic Club

0 2 4 6 8 10 m
Bar Scale 1:200

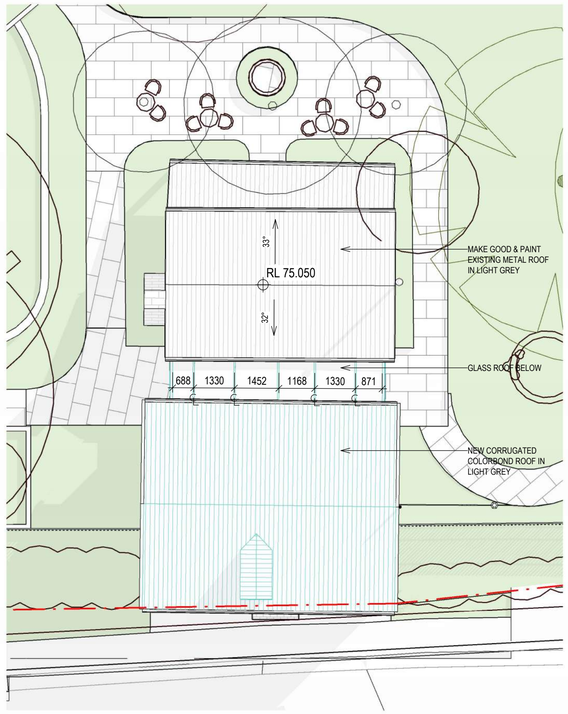
[Scale] 1 : 200 @ A1

GA PLAN - ROOF LEVEL

[Ref] 20220099 [Dwg No] AD-DA108 [Rev] 2



2 DEMOLITION PLAN - EMILY COTTAGE ROOF
1 : 100



5 GA PLAN - EMILY COTTAGE ROOF
1 : 100

6 EMILY COTTAGE AXO

[Status] Preliminary

Doug Southwell /7362

[File] 20220099-AB-DA001-R23.rvt

[Print Date] 25/01/2024 4:01:44 PM

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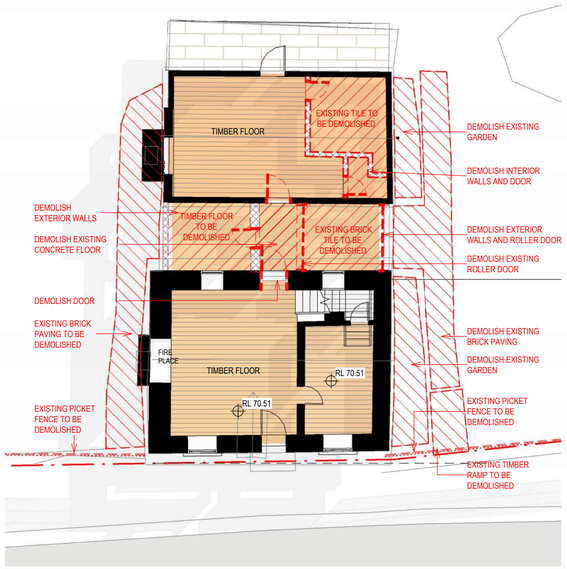
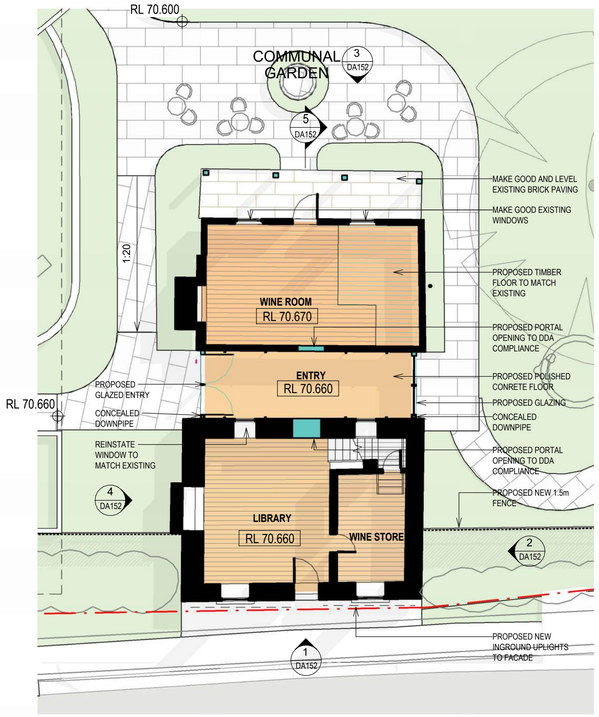
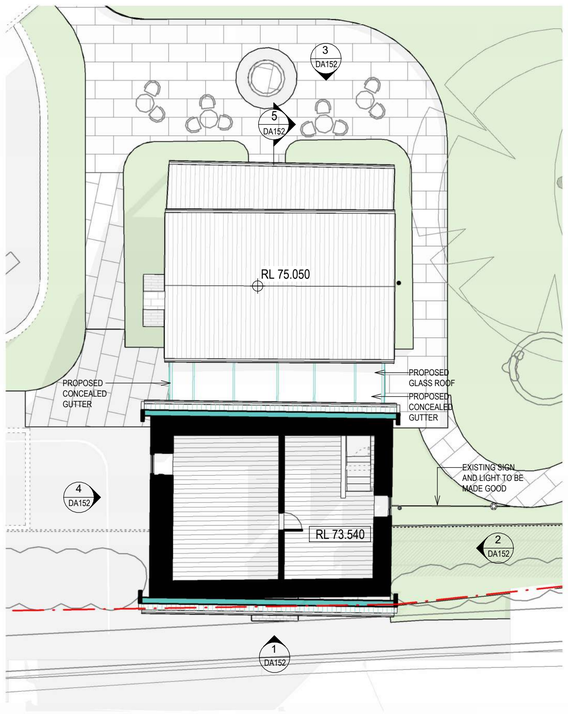


1 DEMOLITION PLAN - EMILY COTTAGE
1 : 100



3 GA PLAN - EMILY COTTAGE
1 : 100



4 GA PLAN - LEVEL 1 EMILY COTTAGE
1 : 100

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[Client] Campbelltown Catholic Club

0 1 2 3 4 5 m
Bar Scale 1:100

[Scale] 1 : 100 @ A1

GA PLAN - EMILY COTTAGE

[Ref] 20220099 [Dwg No] AD-DA150 [Rev] 1

[Status] Preliminary

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[File] 20220099-AB-DA001-R23.rvt

[Print Date] 25/01/2024 4:01:55 PM

History

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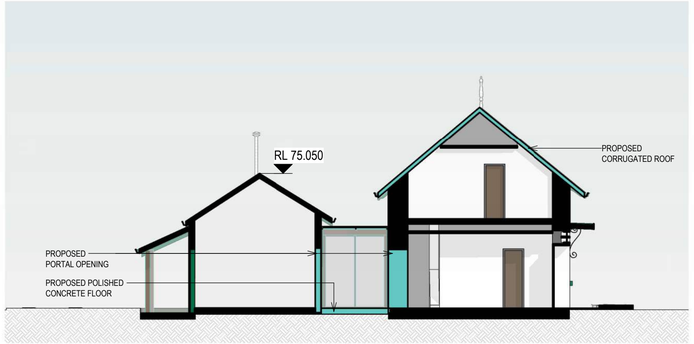
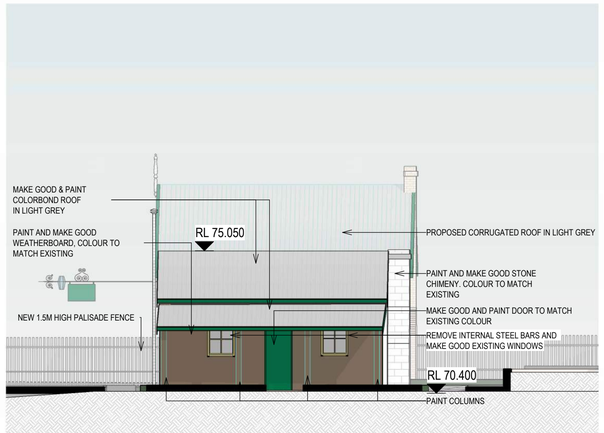
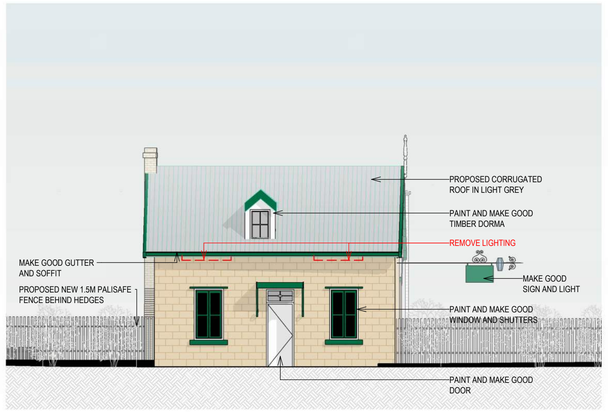


5 SECTION - EMILY COTTAGE
1 : 100



3 NORTH WEST ELEVATION
1 : 100

4 SOUTH-WEST ELEVATION
1 : 100



1 SOUTH EAST ELEVATION
1 : 100

2 NORTH -EAST ELEVATION
1 : 100

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[Client] Campbelltown Catholic Club

0 1 2 3 4 5 m
Bar Scale 1:100

[Scale] 1 : 100 @ A1

SECTIONS AND ELEVATIONS - EMILY COTTAGE

[Ref] 20220099 [Dwg No] AD-DA152 [Rev] 1

[Status] DA SUBMISSION

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[File] 20220099-AB-DA001-R23.rvt

[Print Date] 9/09/2024 2:21:46 PM

History

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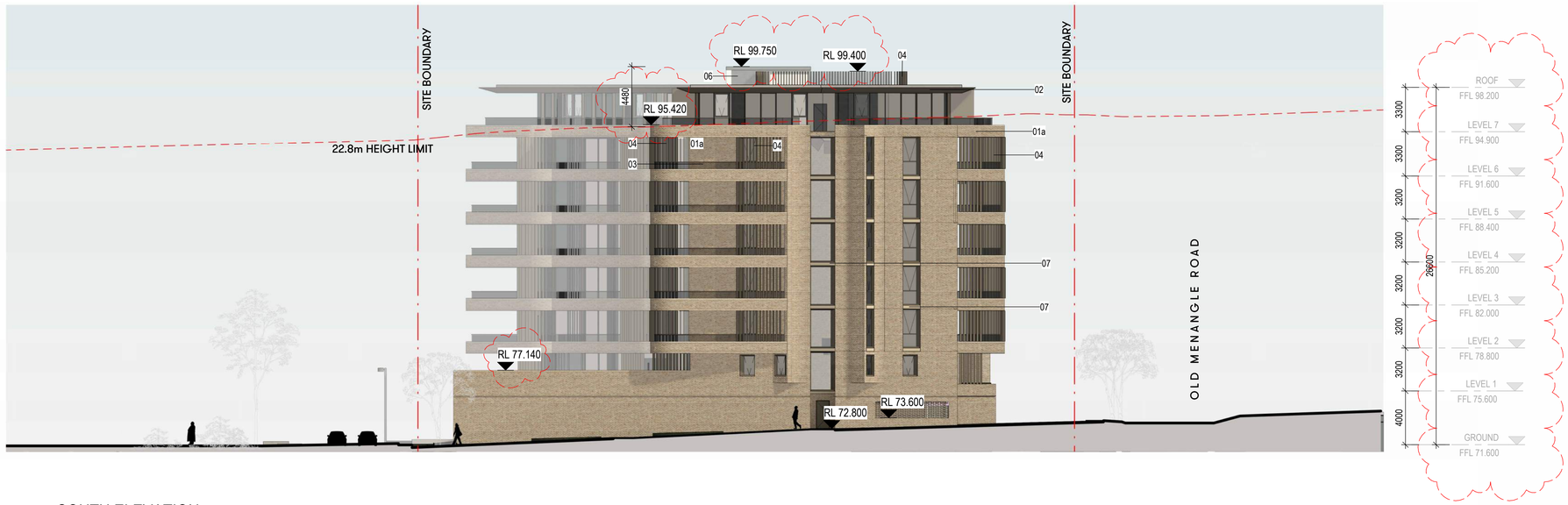
B	FOR REVIEW	22.12.2023
1	FOR DA SUBMISSION	25.01.2024
2	FOR DA SUBMISSION	09.08.2024
3	FOR DA SUBMISSION	09.09.2024

1 NORTH ELEVATION - FROM CAMDEN RD

1 : 200

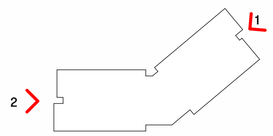
LEGEND - MATERIALS AND FINISHES

01a	BRICKWORK - STRETCHER BOND
01b	BRICKWORK - HIT & MISS BOND
02	BRONZE ALUMINIUM
03	ALUMINIUM FRAMED GLASS
04	METAL BATTEN SCREEN
05	METAL CLADDING
06	CONCRETE
07	RENDER ON CONCRETE



2 SOUTH ELEVATION

1 : 200



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[Project] CAMPBELLTOWN CATHOLIC CLUB INDEPENDENT LIVING

[Client] Campbelltown Catholic Club

0 2 4 6 8 10 m
Bar Scale 1:200

[Scale] 1 : 200 @ A1

OVERALL ELEVATIONS - NORTH & SOUTH

[Ref] 20220099 [Dwg No] AD-DA201 [Rev] 3

[Status] DA SUBMISSION

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[File] 20220099-AB-DA001-R23.rvt

[Print Date] 9/09/2024 2:26:06 PM

History

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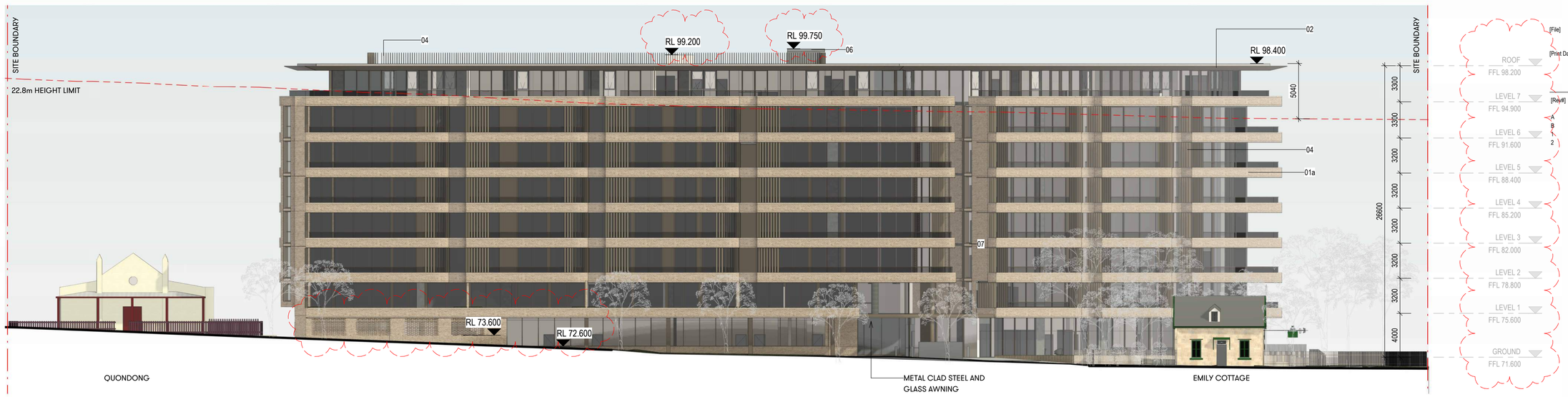
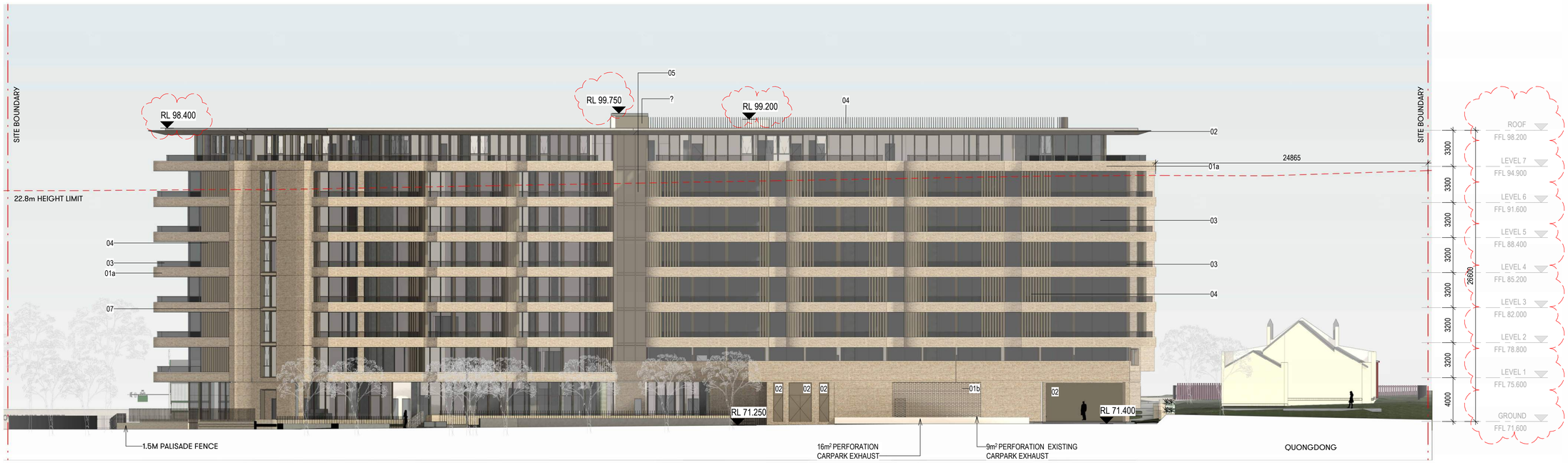


1 EAST ELEVATION - OLD MENANGLE RD

1 : 200

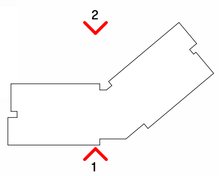
LEGEND - MATERIALS AND FINISHES

01a	BRICKWORK - STRETCHER BOND
01b	BRICKWORK - HIT & MISS BOND
02	BRONZE ALUMINIUM
03	ALUMINIUM FRAMED GLASS
04	METAL BATTEN SCREEN
05	METAL CLADDING
06	CONCRETE
07	RENDER ON CONCRETE



2 WEST ELEVATION - FROM CARPARK

1 : 200



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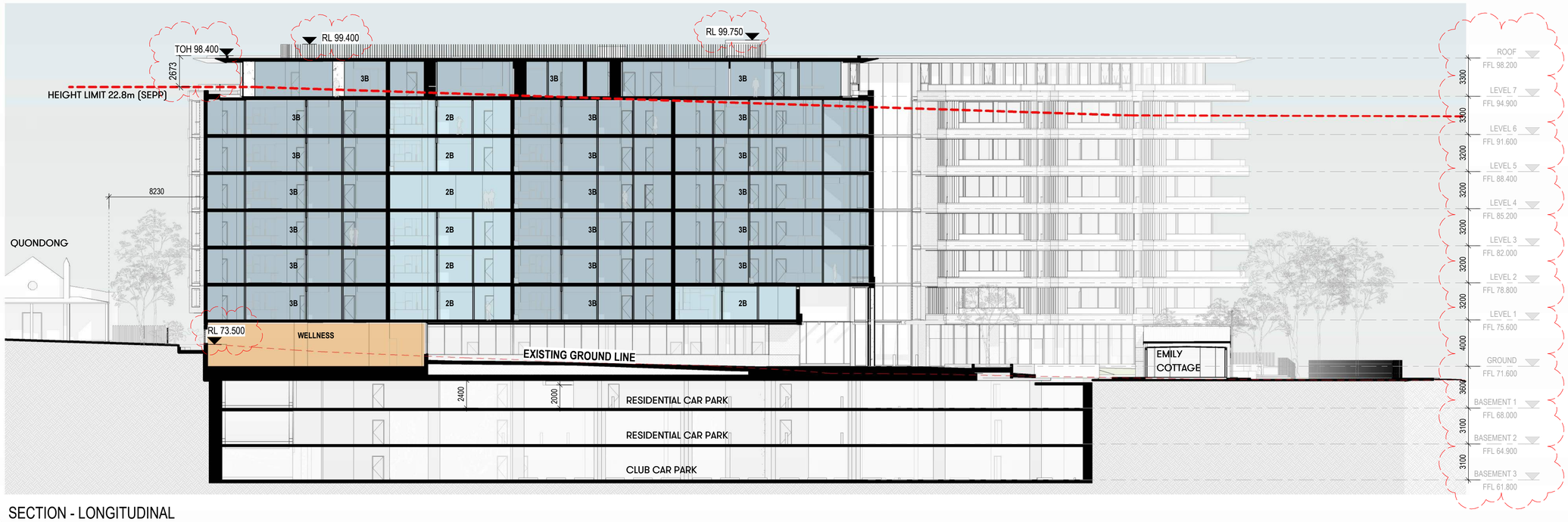
[Client] Campbelltown Catholic Club

0 2 4 6 8 10 m
Bar Scale 1:200

[Scale] 1 : 200 @ A1

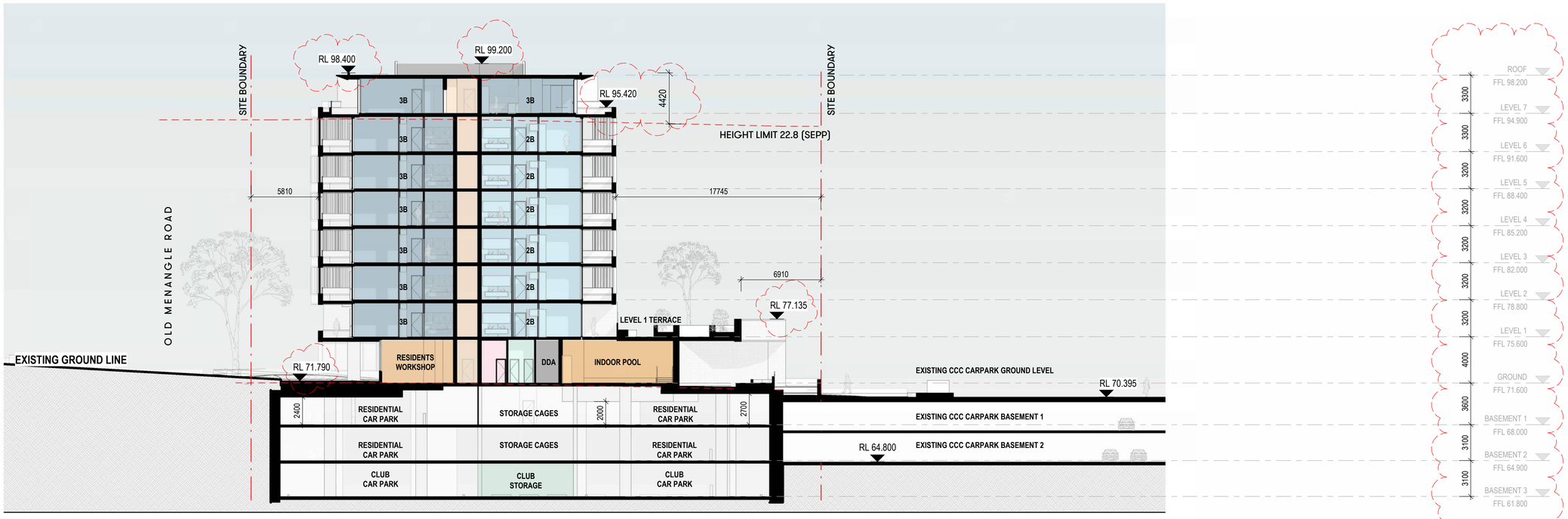
OVERALL ELEVATIONS - EAST & WEST

[Ref] 20220099 [Dwg No] AD-DA202 [Rev] 2



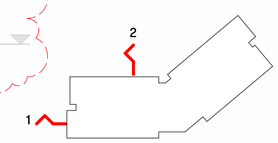
1 SECTION - LONGITUDINAL

1 : 200



2 SECTION - EAST-WEST

1 : 200



[Status] DA SUBMISSION

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[File] 20220099-AB-DA001-R23.rvt

[Print Date] 9/09/2024 2:29:36 PM

History

[Rev#]	[Description]	[Date]
B	FOR REVIEW	22.12.2023
1	FOR DA SUBMISSION	25.01.2024
2	FOR DA SUBMISSION	09.08.2024
3	FOR DA SUBMISSION	09.09.2024

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[Project] CAMPBELLTOWN CATHOLIC CLUB INDEPENDENT LIVING

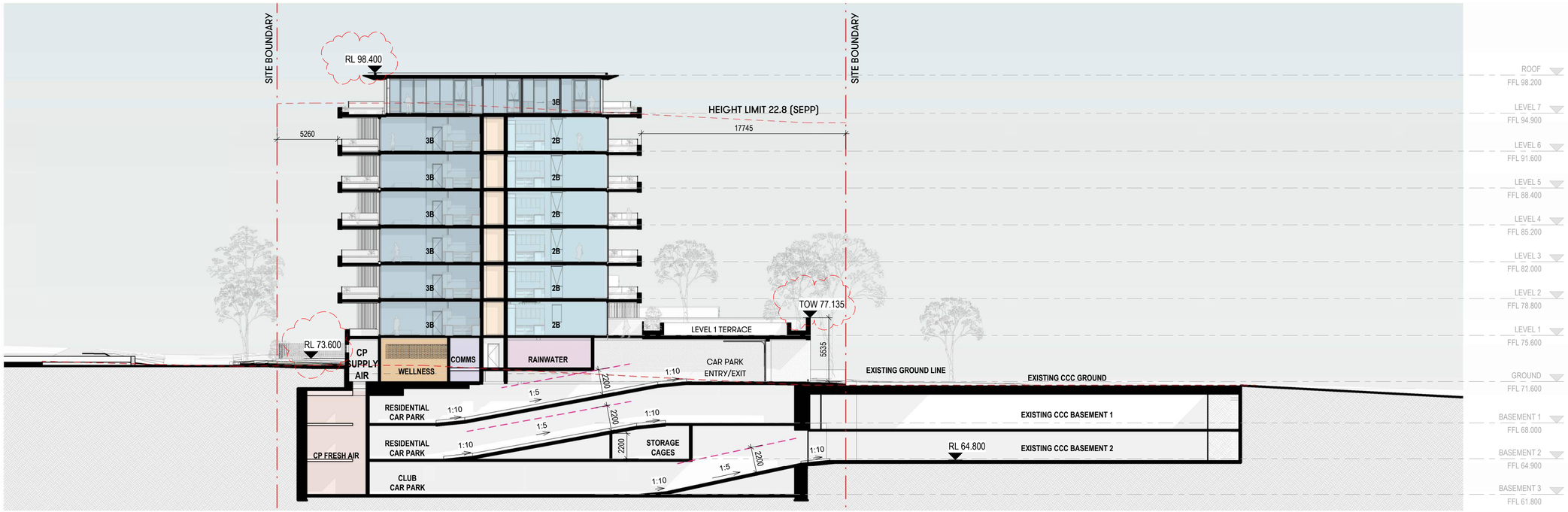
[Client] Campbelltown Catholic Club

0 2 4 6 8 10 m
Bar Scale 1:200

[Scale] 1 : 200 @ A1

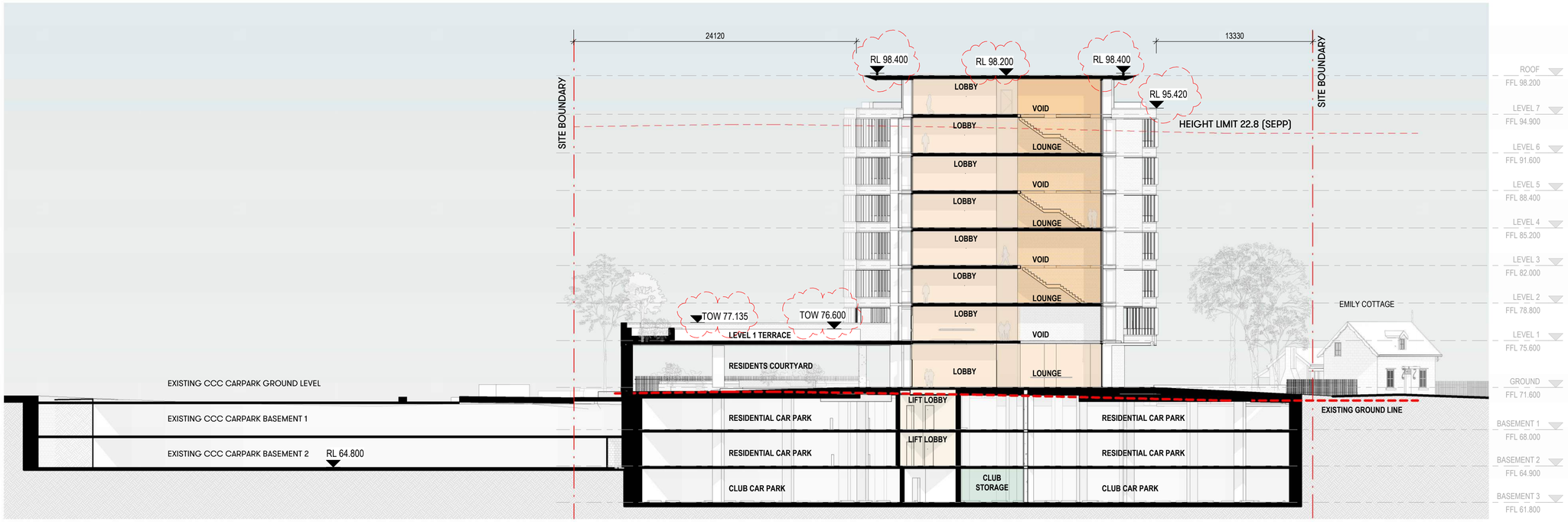
OVERALL SECTIONS - SHEET 1

[Ref] 20220099 [Dwg No] AD-DA301 [Rev] 3



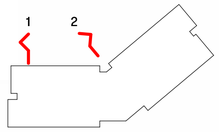
1 SECTION - CARPARK RAMP

1 : 200



2 SECTION - LOBBY

1 : 200



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2	FOR DA SUBMISSION	09.08.2024
3	FOR DA SUBMISSION	09.09.2024

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[Client] Campbelltown Catholic Club

0 2 4 6 8 10 m
Bar Scale 1:200

[Scale] 1 : 200 @ A1

OVERALL SECTIONS - SHEET 2

[Ref] 20220099 [Dwg No] AD-DA302 [Rev] 3

[Status]	DA SUBMISSION
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[Print Date]	17/05/2024 5:32:40 PM

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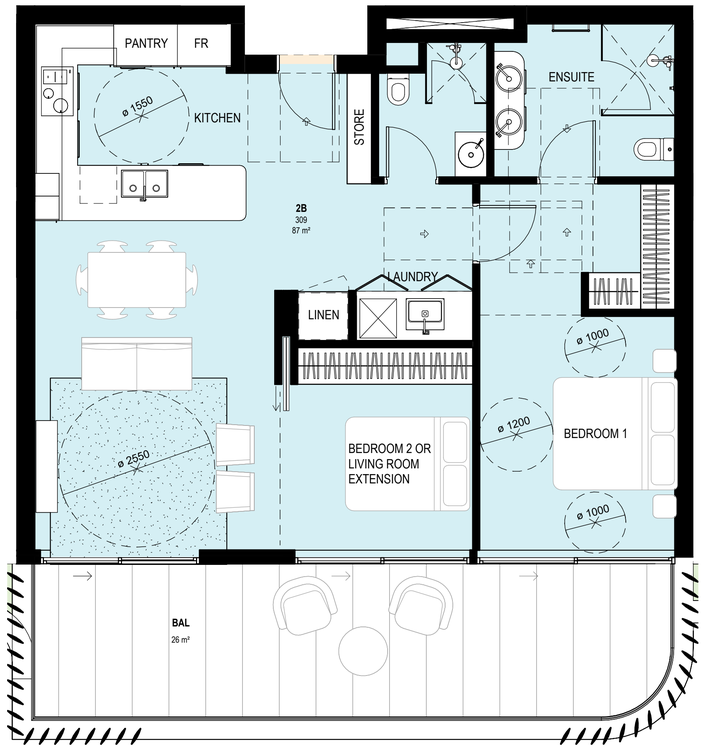
1	FOR DA SUBMISSION	25.01.2024
2	FOR DA SUBMISSION	17.05.2024



1 TYPICAL 2B UNIT
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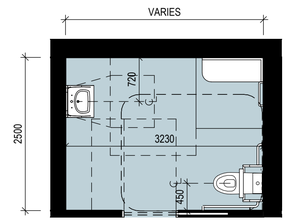
2 TYPICAL UNIT - 3B TYPE A
1 : 50



3 TYPICAL POST ADAPTABLE BATHROOM LAYOUT
1 : 50

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[Client] Campbelltown Catholic Club

0 0.5 1 1.5 2 2.5 m
Bar Scale 1:50

[Scale] 1 : 50 @ A1

TYPICAL UNIT LAYOUTS - SHEET 1

[Ref] 20220099 [Dwg No] AD-DA401 [Rev] 2

[Status] DA SUBMISSION

Doug Southwell /7362

[File] 20220099-AB-DA001-R23.rvt

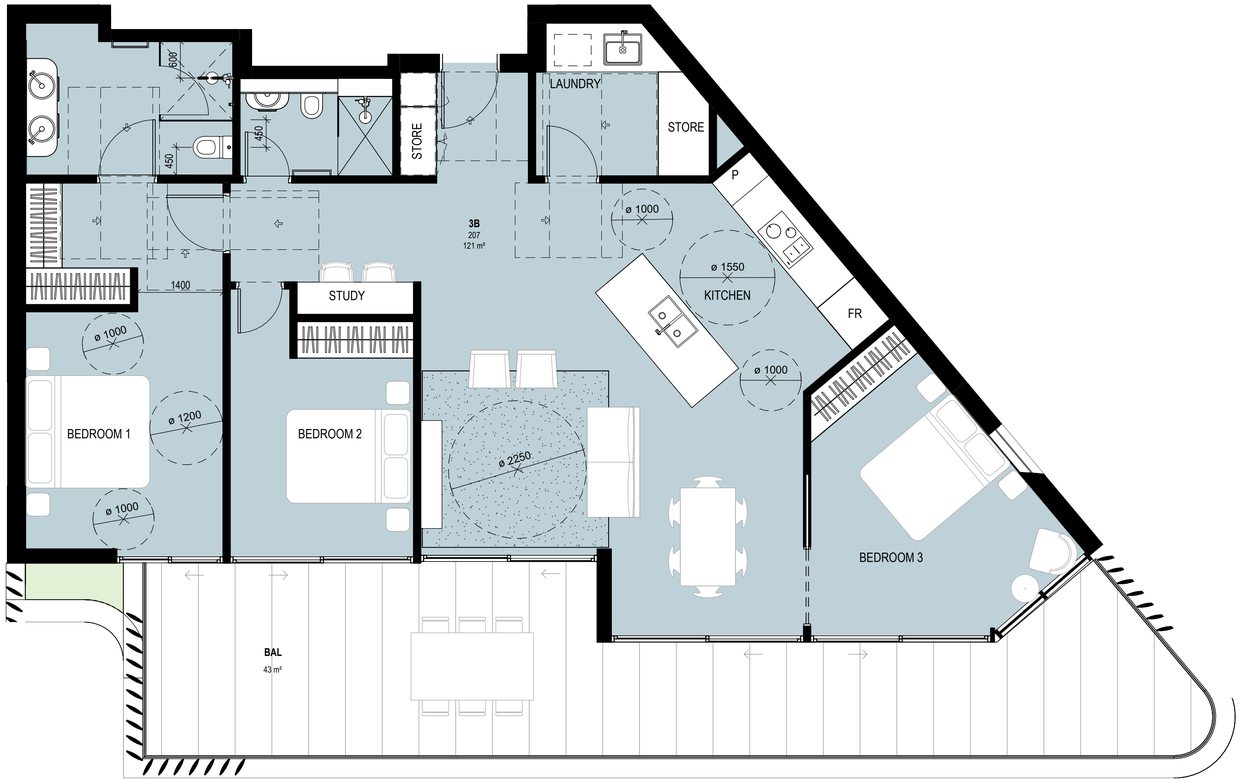
[Print Date] 9/02/2024 3:36:15 PM

History

[Rev#]	[Description]	[Date]
A	FOR INFORMATION	14.11.2023
B	FOR INFORMATION	24.11.2023
C	FOR REVIEW	22.12.2023
1	FOR DA SUBMISSION	25.01.2024

1 TYPICAL UNIT - 3B TYPE B

1 : 50



2 TYPICAL UNIT - 3B TYPE D

1 : 50

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0 0.5 1 1.5 2 2.5 m
Bar Scale 1:50

[Scale] 1 : 50 @ A1

TYPICAL UNIT LAYOUTS - SHEET 2

[Ref] 20220099 [Dwg No] AD-DA402 [Rev] 1

[Status] DA SUBMISSION

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[File] 20220099-AB-DA001-R23.rvt

[Print Date] 9/02/2024 3:36:15 PM

History

[Rev#]	[Description]	[Date]
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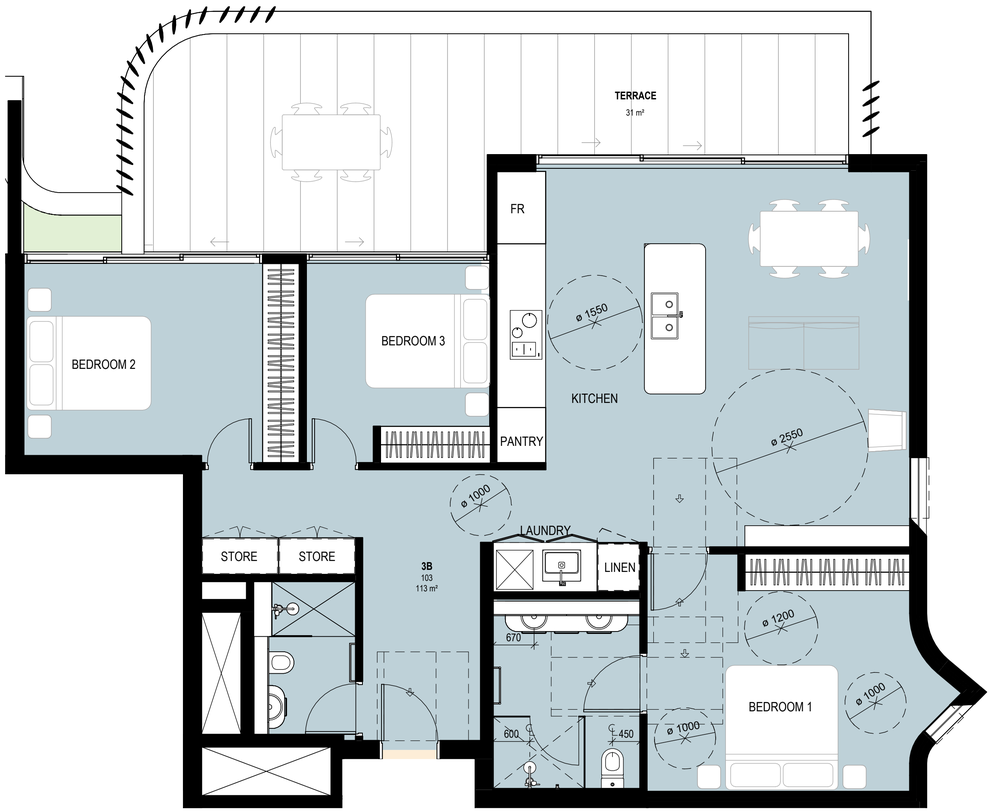
B	FOR INFORMATION	24.11.2023
C	FOR REVIEW	22.12.2023
1	FOR DA SUBMISSION	25.01.2024



1 TYPICAL UNIT - 3B TYPE E

1 : 50

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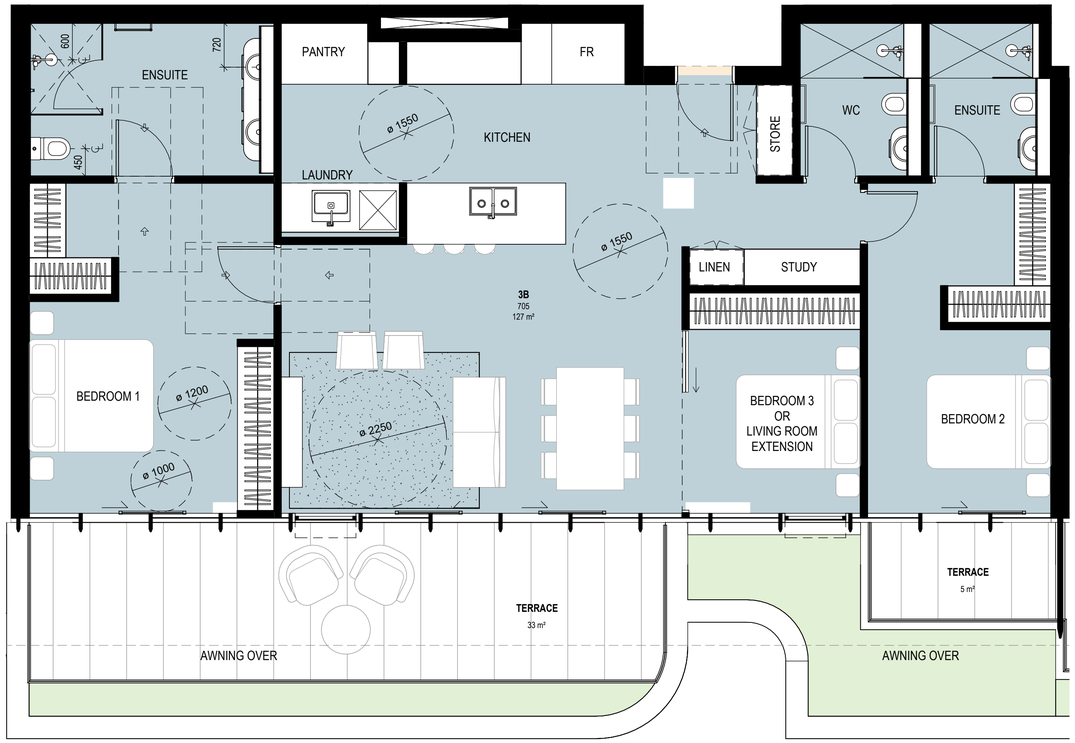
0 0.5 1 1.5 2 2.5 m
Bar Scale 1:50

[Scale] 1 : 50 @ A1

TYPICAL UNIT LAYOUTS - SHEET 3

[Ref] 20220099 [Dwg No] AD-DA403 [Rev] 1



2 TYPICAL UNIT - PENTHOUSE - TYPE B
1 : 50

1 PENTHOUSE - TYPE A
1 : 50

3 PENTHOUSE - TYPE A - POST ADAPTABLE ENSUITE
1 : 50

[Status] DA SUBMISSION

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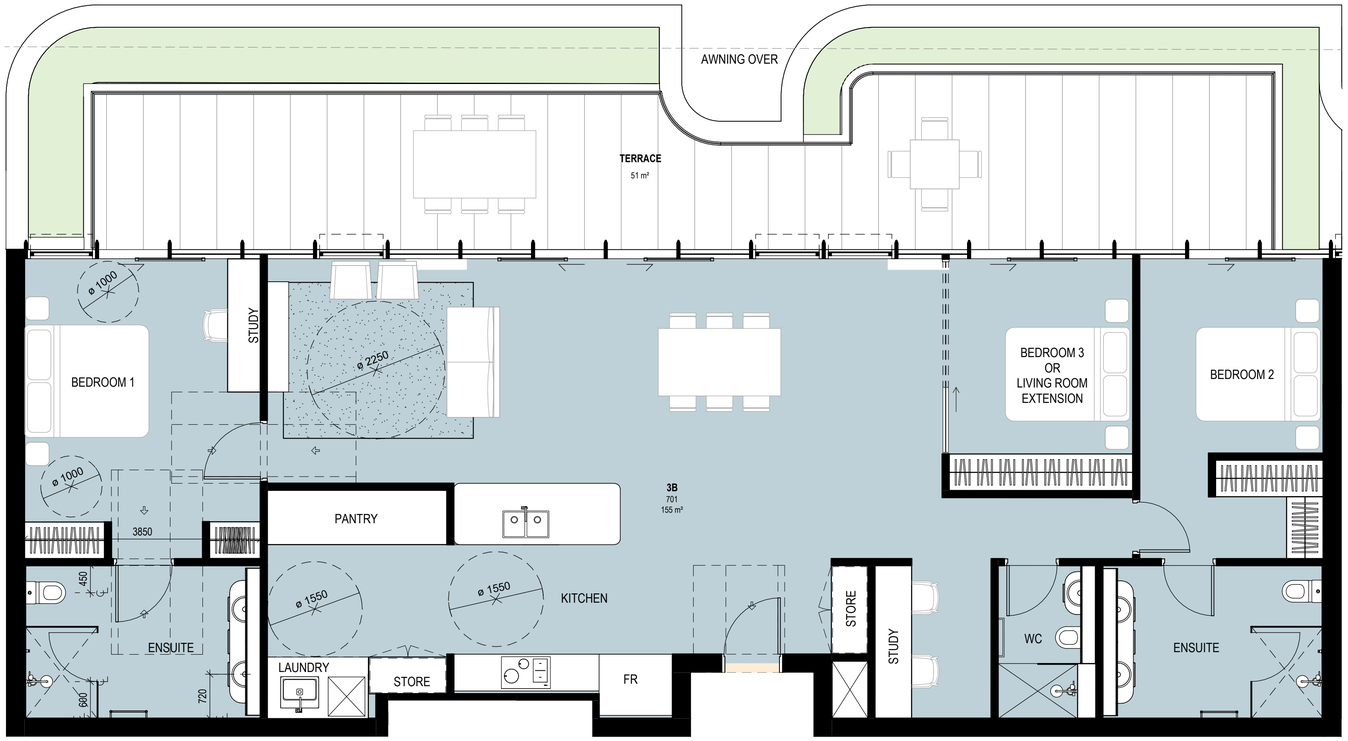
0 0.5 1 1.5 2 2.5 m
Bar Scale 1:50

[Scale] 1 : 50 @ A1

TYPICAL UNIT LAYOUTS - SHEET 4

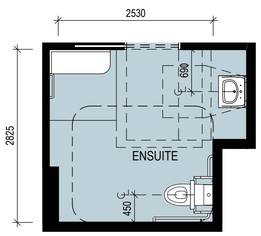
[Ref] 20220099 [Dwg No] AD-DA404 [Rev] 1



1 TYPICAL UNIT - PENTHOUSE - TYPE E
1 : 50

2 TYPICAL UNIT - PENTHOUSE - TYPE D
1 : 50

3
DA405



3 PENTHOUSE - TYPE D - POST ADAPTABLE ENSUITE
1 : 50

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[Client] Campbelltown Catholic Club

0 0.5 1 1.5 2 2.5 m
Bar Scale 1:50

[Scale] 1 : 50 @ A1

TYPICAL UNIT LAYOUTS - SHEET 5

[Ref] 20220099 [Dwg No] AD-DA405 [Rev] 1

1 PENTHOUSE - TYPE C

1 : 50

2 TYPICAL UNIT - PENTHOUSE - TYPE F

1 : 50

[Status] DA SUBMISSION

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[Print Date] 9/02/2024 3:36:20 PM

History

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C	FOR REVIEW	22.12.2023
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[Client] Campbelltown Catholic Club

0 0.5 1 1.5 2 2.5 m
Bar Scale 1:50

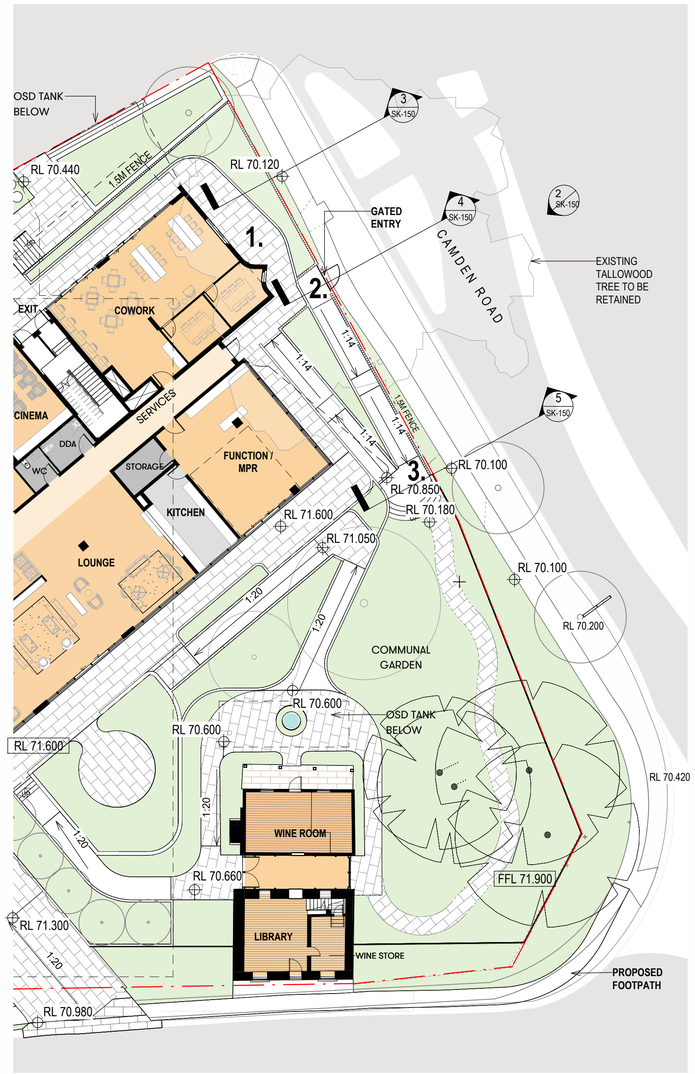
[Scale] 1 : 50 @ A1

TYPICAL UNIT LAYOUTS - SHEET 6

[Ref] 20220099 [Dwg No] AD-DA406 [Rev] 1

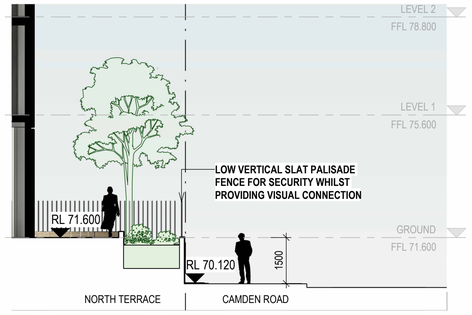
2 NORTH ELEVATION - FROM CAMDEN RD PUBLIC INTERFACE

1 : 100



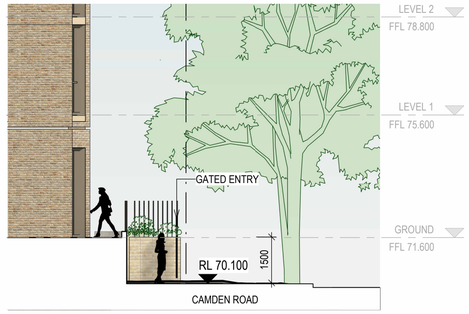
1 GA PLAN - GROUND FLOOR STUDY

1 : 200



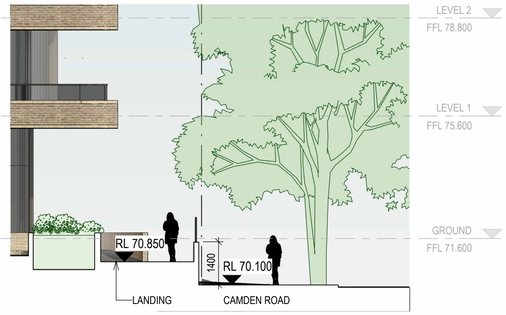
3 SECTION 1 - TERRACE EDGE

1 : 100



4 SECTION 2 - GATE ENTRY

1 : 100



5 SECTION 3 - RAMP MID LANDING

1 : 100

NOTES:

1. THE TERRACE LEVEL OUTSIDE THE CO-WORKING AREA IS LEVEL WITH THE INTERNAL FLOOR LEVEL – THAT IN TURN IS SET BY COUNCIL'S FLOOD LEVEL
   THE ELEVATED TERRACE ENSURES;
   - LEVEL OF TERRACE AND GROUND IS ABOVE THE FLOOD LEVEL (AS DICTATED BY COUNCIL)
   - A SAFE AND ACCESSIBLE TRANSITION BETWEEN THE INTERNAL AREAS AND RESIDENTS EXTERNAL AREAS FOR EQUITABLE ACCESS FOR THE ELDERLY RESIDENTS.
   - ALLOWS VISIBILITY TO PEOPLE OUTSIDE IN THE PUBLIC DOMAIN BY VIRTUE OF THE PALISADE VERTICAL SLATTED FENCE FOR SECURITY AND LANDSCAPE BUFFER.
   - SECURITY IS ENSURED THROUGH LEVEL DIFFERENCE AND THE PALISADE FENCING.

2. GATED ENTRY BETWEEN THE SITE AND CAMDEN ROAD PROVIDES ACCESS DIRECTLY TO CAMDEN ROAD FOR RESIDENTS, PROVIDING THE ROUTE TO THE CLOSEST BUS STOP AS REQUIRED UNDER THE HOUSING SEPP (SENIORS)
3. DDA RAMP ALLOWS FOR UNIVERSAL ACCESS FROM LOBBY GROUND TO NATURAL STREET LEVEL
4. THE LANDSCAPED AREA WITHIN THE SITE, HAS BEEN DESIGNED TO BOTH BALANCE THE GRADE SEPARATION TO THE PUBLIC DOMAIN, WHILST ALSO ENSURING THE RETIREMENT LIVING RESIDENTS ARE SECURE BASED ON THE FOLLOWING CONSIDERATIONS:

   - <u>SEPP 2021 (HOUSING) CHAPTER 4 CLAUSE 142 (C) IDENTIFIES THE NEED TO:</u> *TO MAXIMISE THE AMENITY, SAFETY AND SECURITY OF THE RESIDENTS OF RESIDENTIAL APARTMENT DEVELOPMENT AND THE COMMUNITY*
   - <u>NSW SENIORS HOUSING DESIGN GUIDE, PART 3 DESIGN PRINCIPLES 16.4 CRIME PREVENTION:</u> 16.4.1 *TO SAFELY MANAGE THE TRANSITION BETWEEN INSIDE AND OUTSIDE AND BETWEEN PUBLIC AND PRIVATE SPACES.*
   - <u>NSW SENIORS HOUSING DESIGN GUIDE, PART 4 DESIGNING THE BUILDING, CLAUSE 4L</u> ADVISES: *OUTDOOR GARDENS AND TERRACES ON THE GROUND FLOOR MAY ALSO NEED TO SECURELY ENCLOSED*

[Status]	DA SUBMISSION
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[Client] Campbelltown Catholic Club

0 1 2 3 4 5 m
Bar Scale 1:100

[Scale] As indicated @ A1

CAMDEN ROAD STREET STUDY

[Ref] 20220099 [Dwg No] AD-SK-150 [Rev] A

Campbelltown Independent Living

Landscape Concept Design

Prepared by NewScape Design

Prepared for Studio.SC

NewScape

CAMPBELLTOWN INDEPENDENT LIVING

REVISION	AUTHORS	REVIEWED	PURPOSE	ISSUED TO	DATE
2	SS+KN	JN + KN	DRAFT	STUDIO.SC	07/11/2023
3	SS+KN	JN + KN	CONCEPT DESIGN	STUDIO.SC	17/11/2023
4	SS+EA	JN	CONCEPT DESIGN	STUDIO.SC	01/02/2024
5	SS+EA	JN	CONCEPT DESIGN	STUDIO.SC	13/02/2024
6	SS+EA	JN	CONCEPT DESIGN	STUDIO.SC	06/09/2024

NewScape

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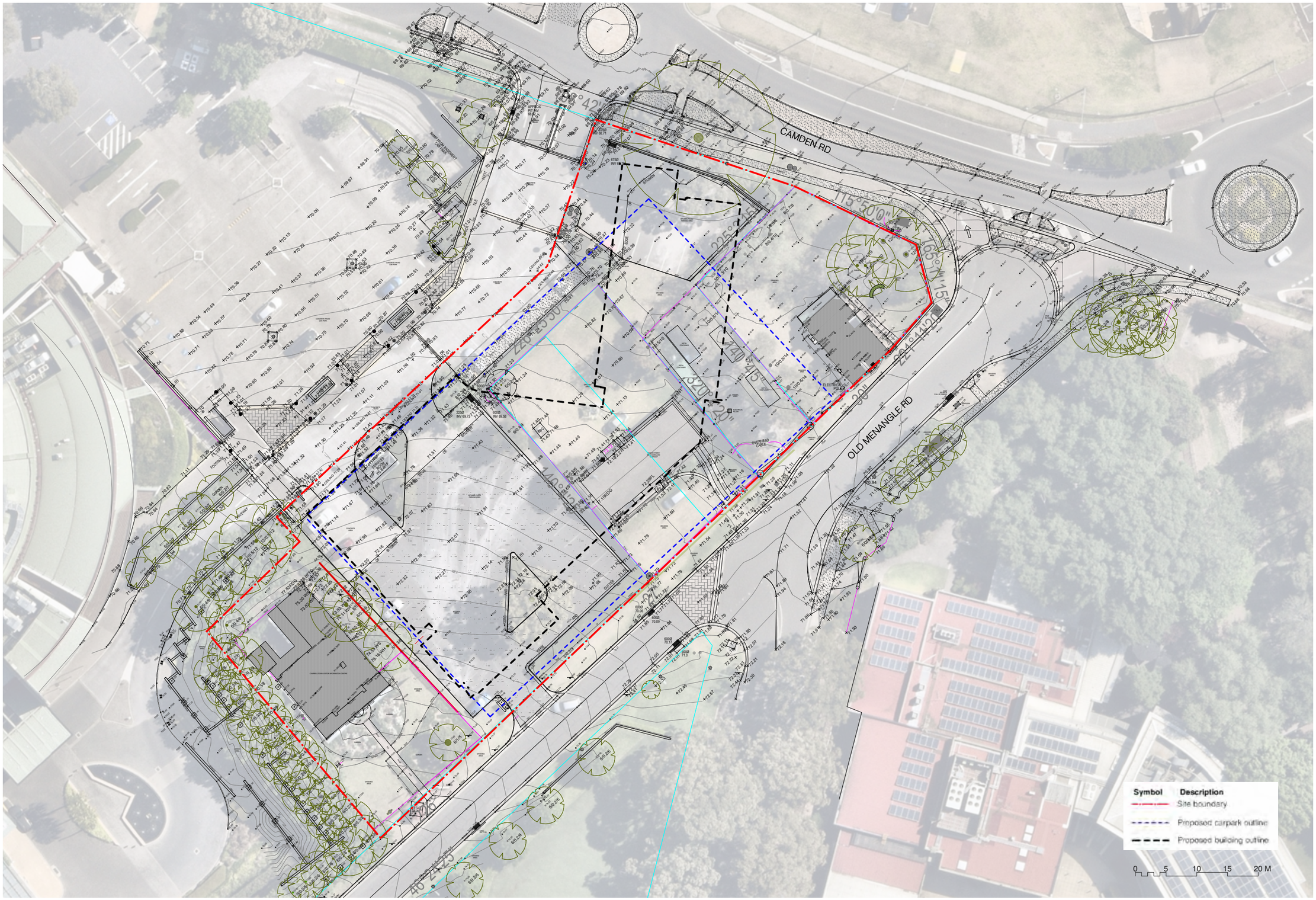
Existing Site Plan



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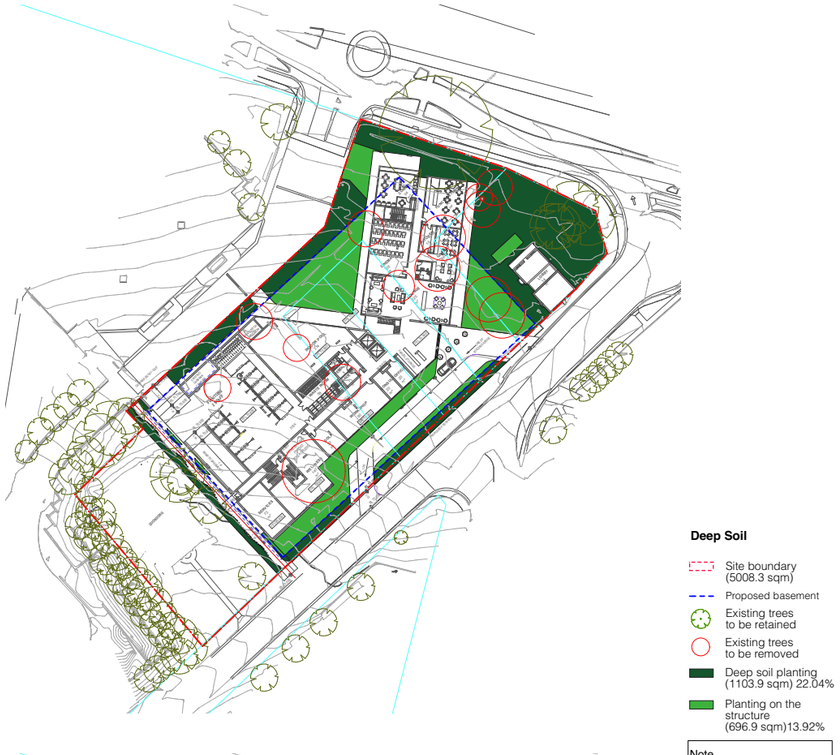


Concept Site Plan

LEGEND

Symbol	Description
	Site boundary
	Carpark outline
	Roof outline
	1.8m high fence
	Picket fence
	OSD Tank
	Stormwater pit
	Paving & ancillaries
	Concrete pavement
	Recycled brick pavement
	Concrete pavers
	Concrete pavers (driveway)
	Stone clad wall
	Softworks
	Existing tree to be removed
	Existing tree to be retained
	Proposed tree
	Turf
	Garden bed
	Hedge planting
	Furniture & Signage
	Bistro seat
	Backed seat
	BBQ
	Existing street light
	Sculpture
	Pond
	Bird bath
	Veggie garden
	Handrail

KEY:

1 COTTAGE GARDEN

- Native planting and sensory garden with water feature
- Garden loop walk with seating
- Sculpture
- Communal activity open lawn space
- Communal seating courtyard

2 STREET FRONTAGE PLANTING

- Large avenue tree planting
- Nature strip with manicured ornamental hedge planting

3 PUBLIC PATHWAY

- Continuous footpath connection alongside Old Menangle Road

4 THROUGHLINK

- Serpentine configuration to create engageful walking experience in laneway. Manicured ornamental planting to compliment winding path experience

5 WESTERN COURTYARD

- Raised planter garden bed and trees to create screening along western driveway
- Communal activity open lawn space
- Courtyard with seating and bbq facility

N

0 5 10 15 20 M

NewScape

Ground Floor Concept Plan 1

LEGEND

Symbol	Description
	Site boundary
	Carpark outline
	Roof outline
	1.8m high fence
	Picket fence
	OSD Tank
	Stormwater pit
	Paving & ancillaries
	Concrete pavement
	Recycled brick pavement
	Concrete pavers
	Concrete pavers (driveway)
	Stone clad wall
	Softworks
	Existing tree to be removed
	Existing tree to be retained
	Proposed tree
	Turf
	Garden bed
	Hedge planting
	Furniture & Signage
	Bistro seat
	Backed seat
	BBQ
	Existing street light
	Sculpture
	Pond
	Bird bath
	Veggie garden
	Handrail

1. Sensory garden
2. Garden loop walk
3. Communal seating courtyard with integrated chess board
4. Water feature
5. Raised planter garden bed
6. Open lawn area with seating and umbrella
7. Communal courtyard with seating and BBQ facility
8. Open lawn spill-out area with bench seating

NewScape

Ground Floor Concept Plan 2

LEGEND

Symbol	Description
	Site boundary
	Carpark outline
	Roof outline
	1.8m high fence
	Picket fence
	OSD Tank
	Stormwater pit

Paving & ancillaries

- Concrete pavement
- Recycled brick pavement
- Concrete pavers
- Concrete pavers (driveway)
- Stone clad wall

Softworks

- Existing tree to be removed
- Existing tree to be retained
- Proposed tree
- Turf
- Garden bed
- Hedge planting

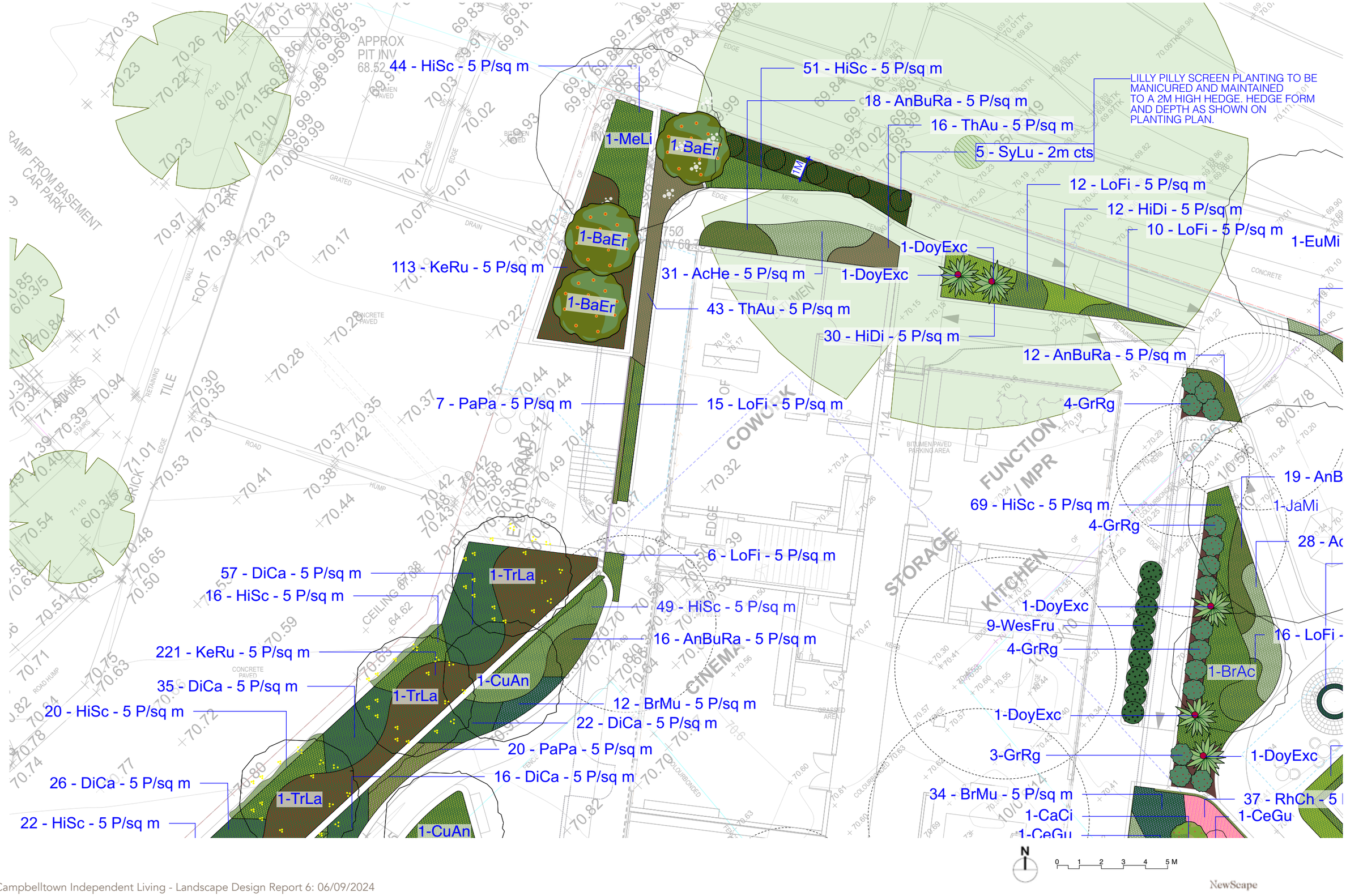
Furniture & Signage

- Bistro seat
- Backed seat
- BBQ
- Existing street light
- Sculpture
- Pond
- Bird bath
- Veggie garden
- Handrail

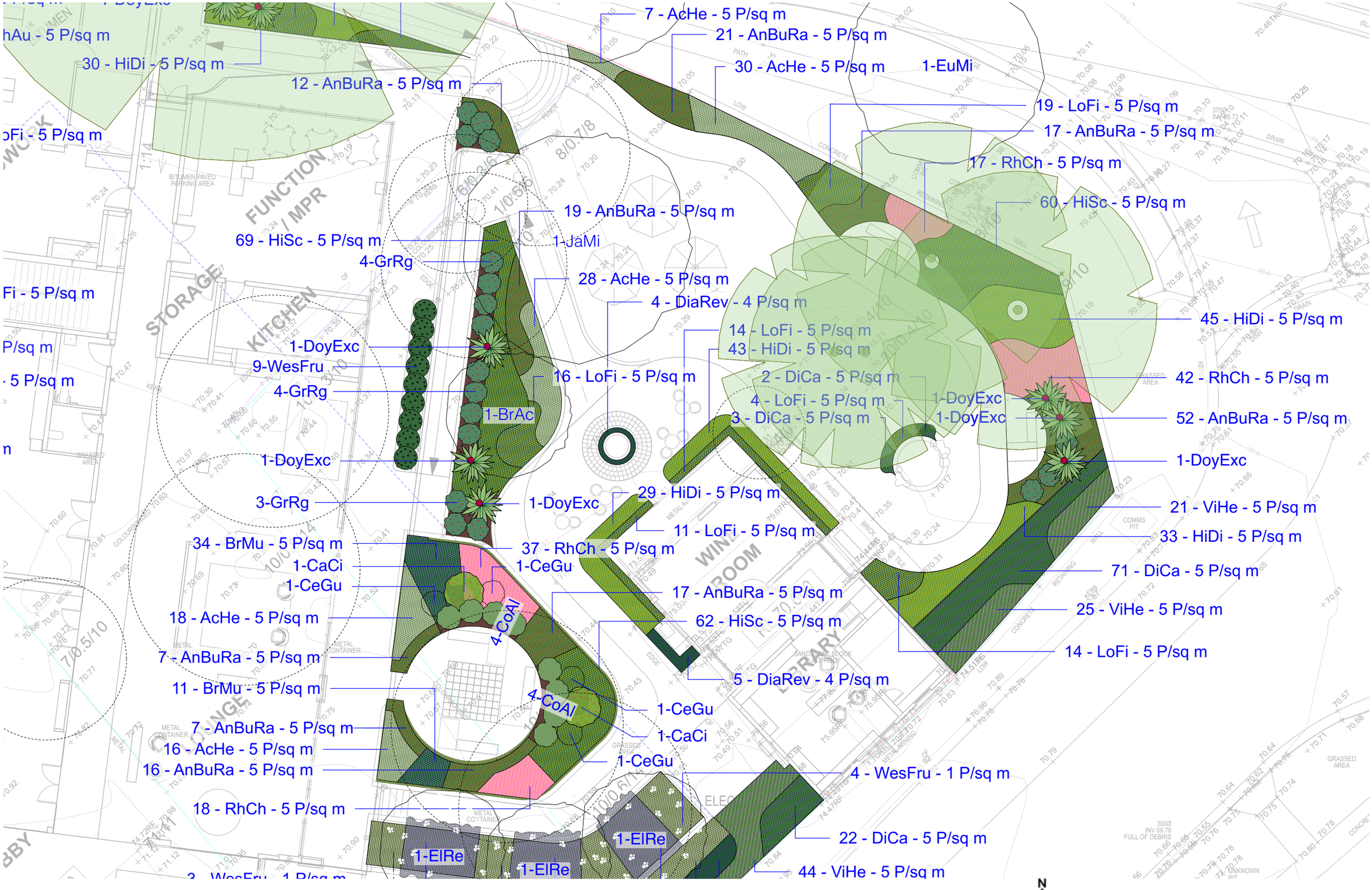
1. Continuous footpath connection
2. Large avenue tree planting
3. Nature strip with manicured ornamental hedge planting
4. Garden bed

Ground Floor Planting Plan

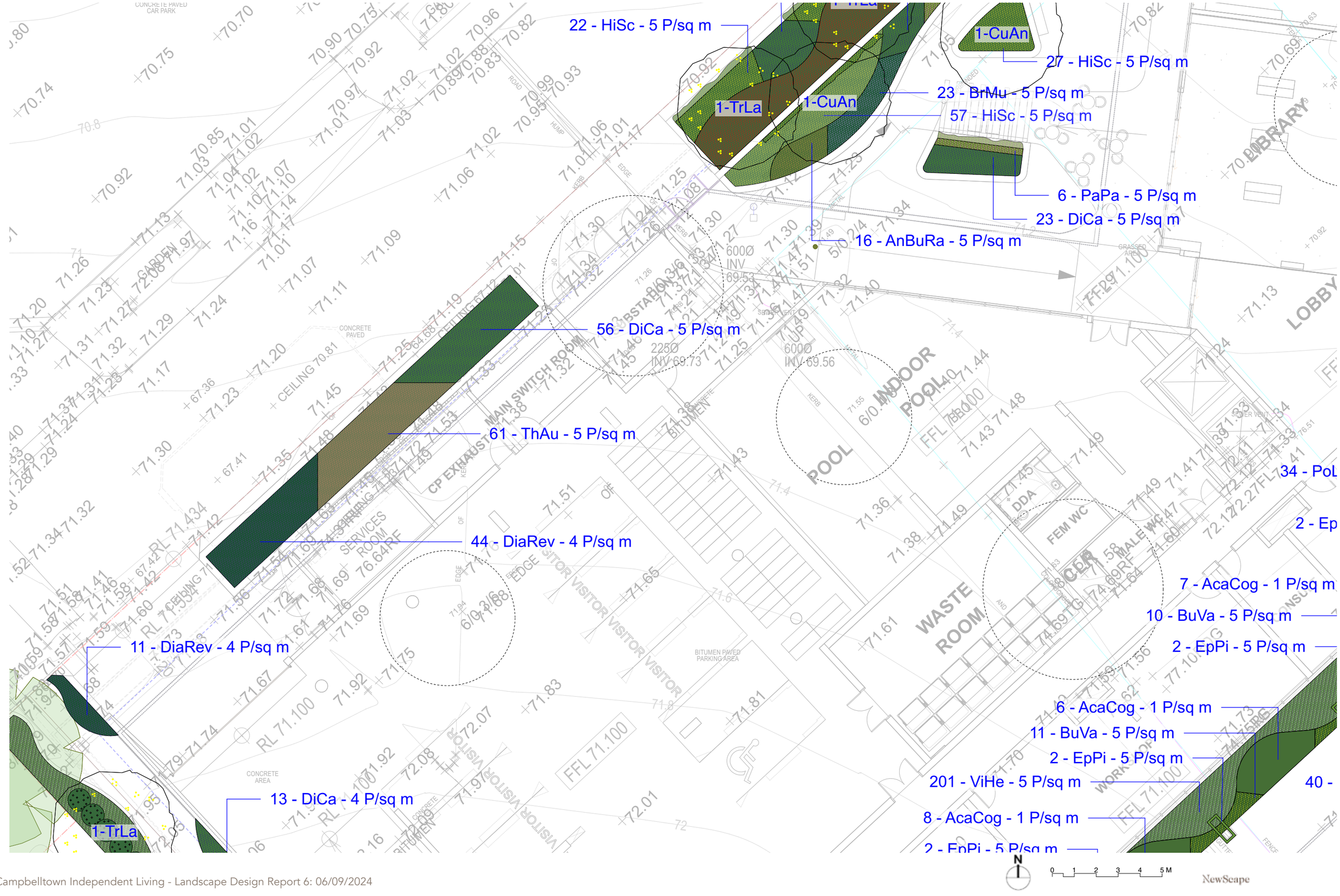
Ground Floor - Planting Plan 1



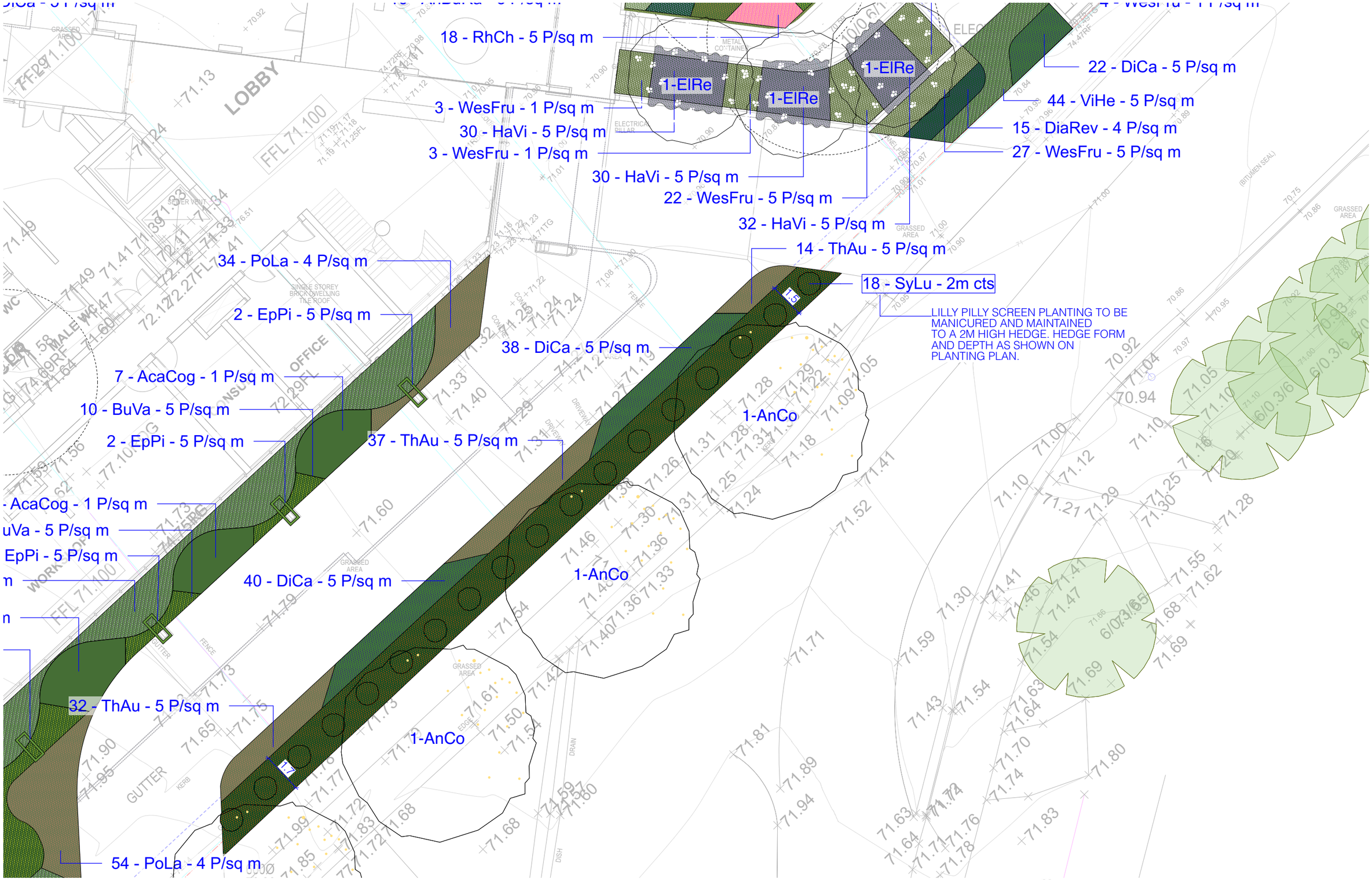
Ground Floor - Planting Plan 2



Ground Floor - Planting Plan 3



Ground Floor - Planting Plan 4



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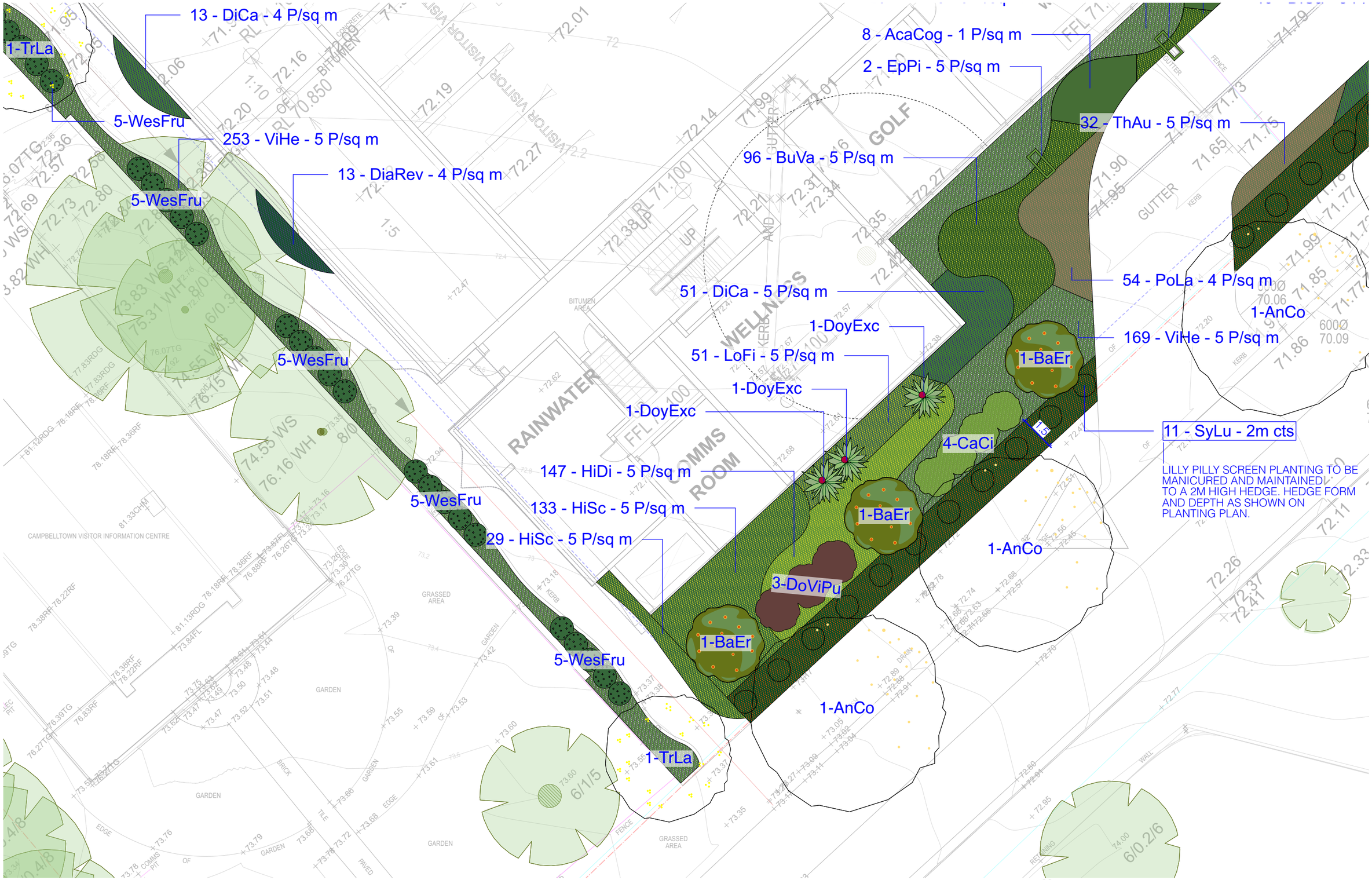
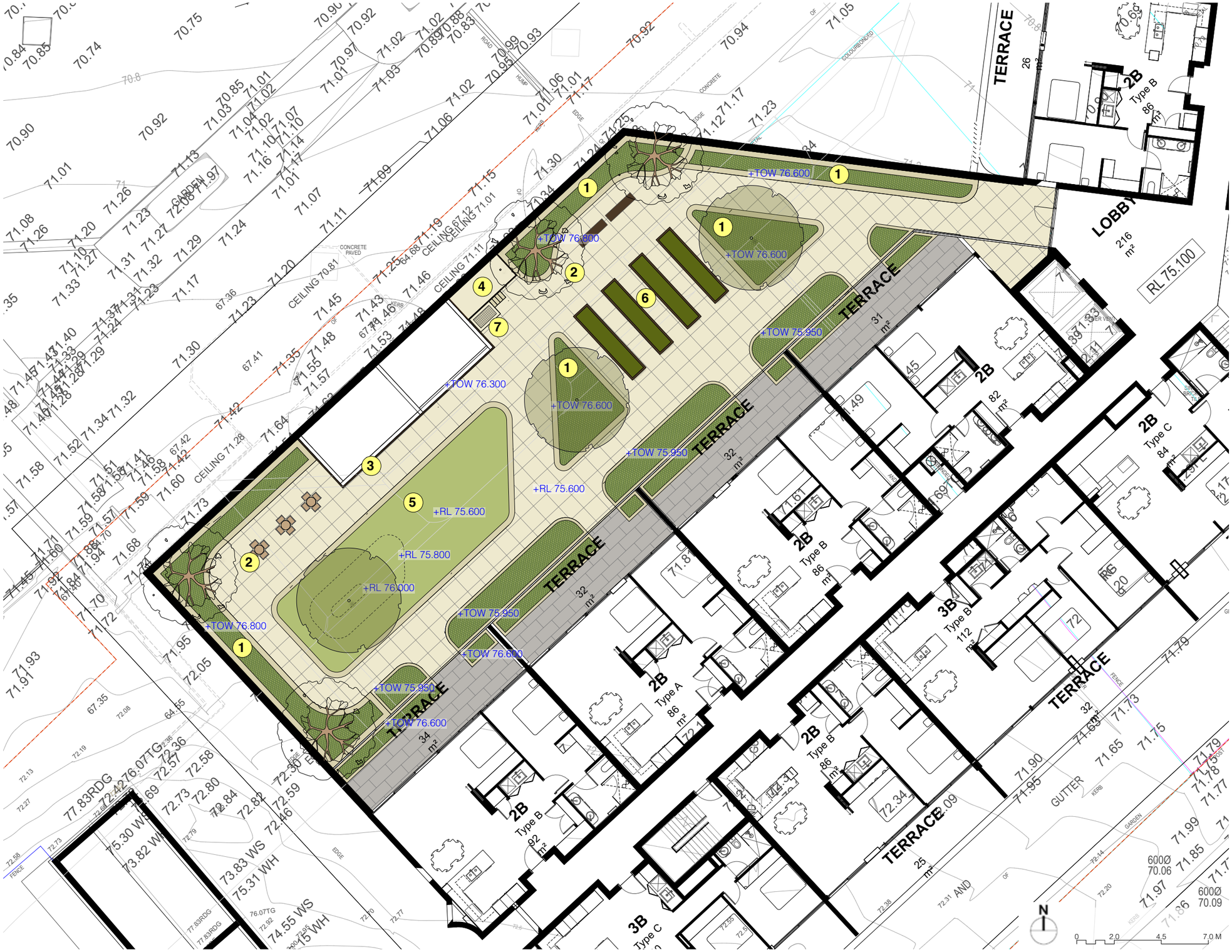
Ground Floor - Planting Plan 5



NewScape

Level 1 Terrace Concept Plan

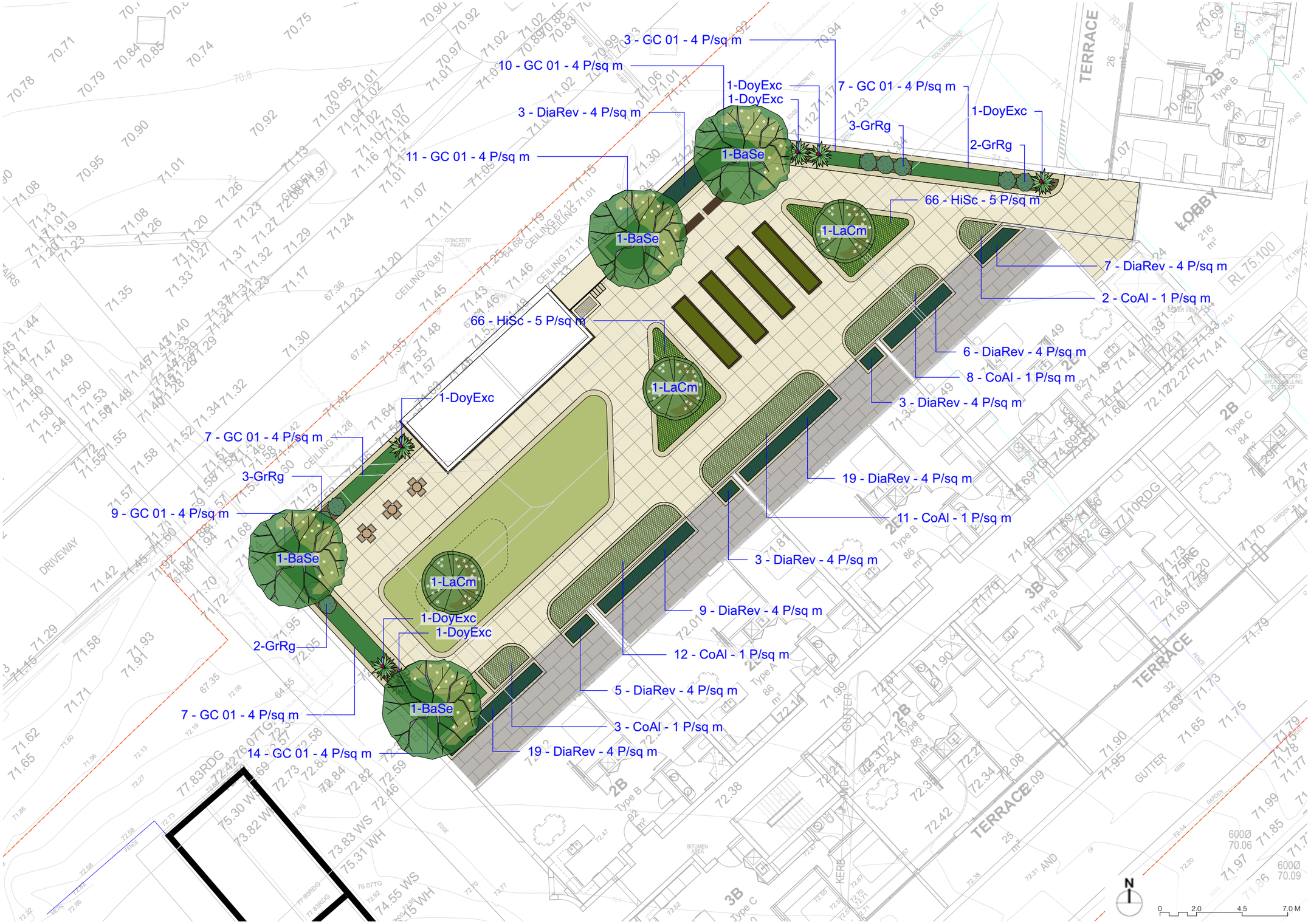


LEGEND

Symbol	Description
	Site boundary
	Carpark outline
	Roof outline
	1.8m high fence
	Picket fence
	OSD Tank
	Stormwater pit
	Paving & ancillaries
	Concrete pavement
	Recycled brick pavement
	Concrete pavers
	Concrete pavers (driveway)
	Stone clad wall
	Softworks
	Existing tree to be removed
	Existing tree to be retained
	Proposed tree
	Turf
	Garden bed
	Hedge planting
	Furniture & Signage
	Bistro seat
	Backed seat
	BBQ
	Existing street light
	Sculpture
	Pond
	Bird bath
	Veggie garden
	Handrail

1. Raised planter garden bed
2. Communal seating courtyard
3. Timber batten screen for exhaust
4. Garden shed
5. Open turf area
6. Veggie patch zone
7. Dog wash

Level 1 Terrace Planting Plan



Plant Schedule

Plant List

ID	Plant Qty	Common Name	Botanical Name	Scheduled	Mature Height	Mature Spread
Trees						
AnCo	6	Sydney Red Gum, Smooth-barked Apple	Angophora costata		15 - 20m	6 - 10m
BaSe	4	Old Man Banksia	Banksia serrata		5 - 10m	3.5 - 6m
BrAc	1	Bottle Tree; Illawarra Flame Tree	Brachychiton acerifolius		25 - 30m	3.5 - 6m
CeGu	4	NSW Christmas Bush	Ceratopetalum gummiferum		1.5 - 3m	0.9 - 1.2m
CuAn	3	Tuckeroo	Cupaniopsis anacardioides		10 - 15m	3.5 - 6m
ElRe	3	Blueberry Ash	Elaeocarpus reticulatus		5 - 10m	3.5 - 6m
EuMi	2	tallowwood	Eucalyptus microcorys		40 - 60m	6 - 10m
JaMi	1	Jacaranda	Jacaranda mimosifolia		10 - 15m	4.5 - 8m
LaCm	3	Crepe myrtle	Lagerstroemia Acoma		5m	4m
MeLi	1	Flax-leaved Paperbark, Budjur (Gadigal), Snow-in-summer	Melaleuca lineariifolia		5 - 10m	6 - 10m
TrLa	6	Kanooka, Water Gum	Tristaniopsis laurina		5 - 10m	3.5 - 6m
Shrubs and Perennials						
AcaCog	21	bower wattle, river wattle,'Green Mist'	Acacia cognata	1.0 x 2.0	1.50 - 3m	2.0 - 3.5m
BaEr	6	Heath-leaved Banksia	Banksia ericifolia		3 - 5m	3.5 - 6m
CaCi	6	Lemon-scented Bottlebrush	Callistemon citrinus		1.5 - 3m	1.2 - 2.0m
CoAl	44	White Correa	Correa alba		0.9 - 1.5m	0.9 - 1.2m
DoViPu	3	Purple Hopseed Bush	Dodonaea viscosa 'Purpurea'		3 - 5m	2.0 - 3.5m
DoyExc	17	gymea lily	Doryanthes excelsa	3.0 x 1.5	3 - 5m	1.2 - 2.0m
EpPi	8	Devil's Ivy	Epipremnum pinnatum		1.5 - 3m	0.0 - 0.3m
HiDi	339	Wedge Guinea Flower	Hibbertia diffusa		0.0 - 0.3m	0.3 - 0.6m
SyLu	34	Small-leaf Lilly Pilly	Syzygium luehmannii		4 - 8m	2 - 3m
WesFru	93	Coastal Rosemary, coastal westringia	Westringia fruticosa	0.5 x 1.0	0.9 - 1.5m	0.9 - 1.2m
GrRg	26	Grevillea 'Robyn Gordon'			1 - 1.5m	0.5 - 1.5m
Ground Covers						
AcHe	130	Flannel Flower	Actinotus helianthi		0.75 - 0.9m	0.3 - 0.6m
BrMu	80	Cut Leaf Daisy	Brachyscome multifida		0.3 - 0.45m	0.9 - 1.2m
GC 01	68	Cousin it	Casuarina glauca		0.1m - 0.15m	1m
HaVi	92	Purple Twining-pea, False Sarsaparilla	Hardenbergia violacea		0.75 - 0.9m	1.2 - 2.0m
HiSc	771	Golden Guinea Flower, Snake Vine	Hibbertia scandens		0.0 - 0.3m	3.5 - 6m
KeRu	334	Dusky Coral-pea	Kennedia rubicunda		3 - 5m	3.5 - 6m
LoFi	172	Wattle Mat-rush	Lomandra filiformis		0.0 - 0.3m	0.0 - 0.3m
PaPa	33	Wonga Wonga Vine	Pandorea pandorana		3 - 5m	0.6 - 0.9m
RhCh	114	Everlasting Daisy	Rhodanthe chlorocephala ssp rosea		0.2 - 0.7m	0.2 - 0.4m
ViHe	713	Native Violet	Viola hederacea		0.0 - 0.3m	1.2 - 2.0m
Grasses						
AnBuRa	218	Bush Ranger Kangaroo Paws	Anigozanthos 'Bush Ranger' P.P.# 6478		0.45 - 0.6m	0.0 - 0.3m
BuVa	117	Bulbine lily	Bulbine vagans		0.2 - 0.6m	0.3 - 0.6m
DiCa	475	Paroo Lily, Blue Flax-lily	Dianella caerulea		0.45 - 0.6m	0.3 - 0.6m
DiaRev	166	Spreading Flax Lily, Blueberry Lily, Blue Flax Lily	Dianella revoluta	1.0 x 1.0	0.75 - 0.9m	0.6 - 0.9m
PoLa	88	Tussock Grass	Poa labillardieri		0.75 - 0.9m	0.6 - 0.9m
ThAu	215	Kangaroo Grass	Themeda australis/triandra		0.9 - 1.5m	0.3 - 0.6m
Total	**4417**					

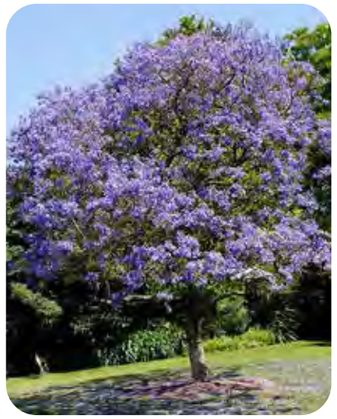
Planting Palette

Large Trees

Angophora costata

Eucalyptus microcorys

Brachychiton acerifolius


Jacaranda mimosifolia

Tristaniopsis laurina

Small Trees & Large Shrubs

Acmena smithii 'Minor'

Banksia ericifolia

Banksia serrata

Calistemon citrinus

Ceratopetalum gummiferum

Cupaniopsis anacardioides

Elaeocarpus reticulatus

Melaleuca decora

Melaleuca linariifolia

Syzygium luehmannii

Xanthorrea australis

Planting Palette

Small & Medium Shrubs

Acacia cognata

Callistemon "Little John"

Correa alba

Dianella revoluta

Dillwynia sieberi

Dodonaea viscosa purpurea

Doryanthes excelsa

Grevillia "Robyn Gordon"

Westringia fruticosa

Ground Covers, Climbers & Grasses

Actinotus helianthi

Anigozanthus 'Bush Ranger'

Anigozanthus 'Yellow Gem'

Anigozanthus 'Orange Cross'

Brachyscome multifida

Bulbine vagans

Planting Palette

Ground Covers, Climbers & Grasses

Casurina glauca

Dianella caerulea

Epipremnum pinnatum

Hardenbergia violacea

Hibbertia diffusa

Hibbertia scandens

Kennedia rubicunda

Lomandra filiformis

Myoporum parvifolium

Pandorea pandorana

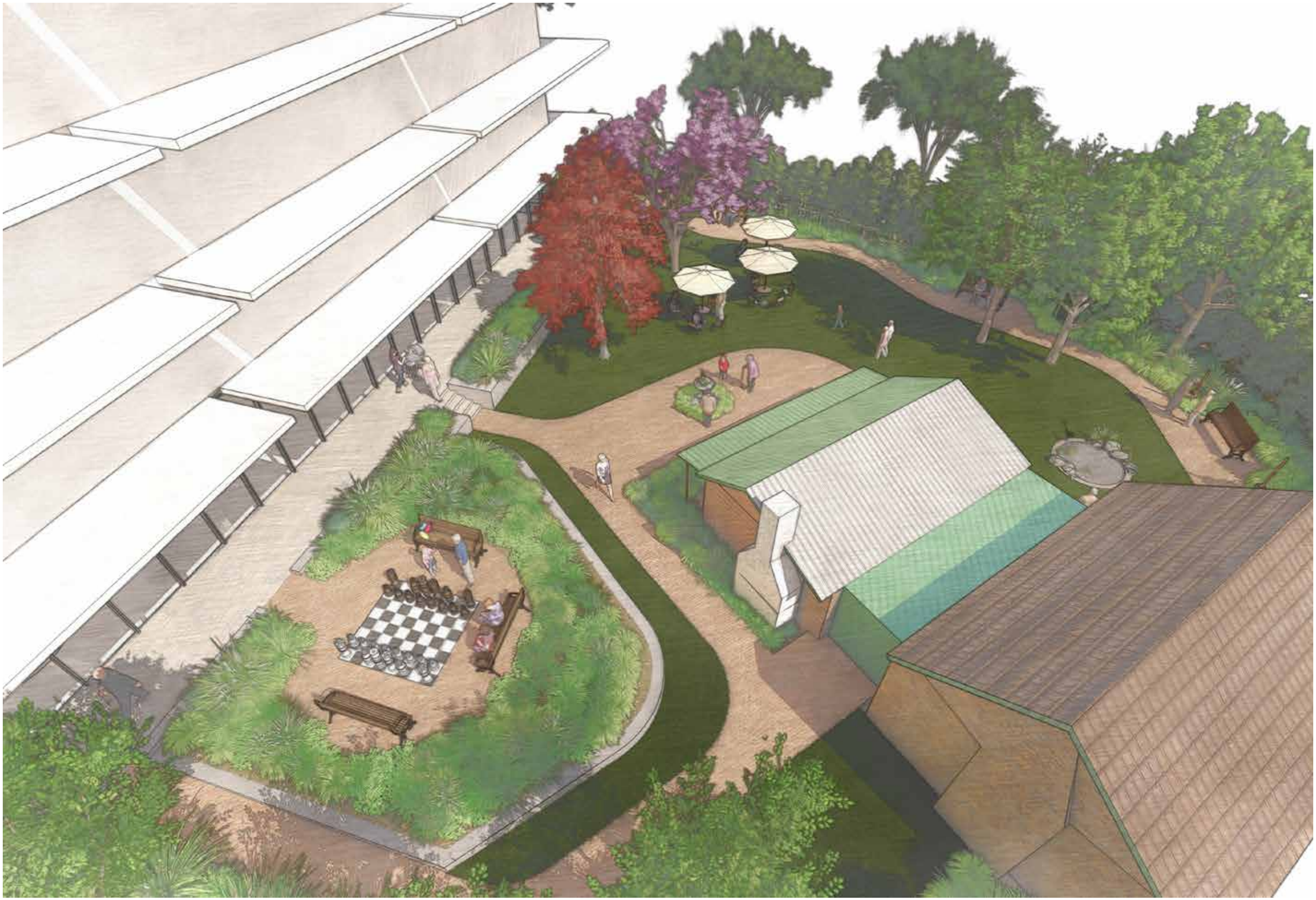
Poa labillardieri

Rhodanthe chlorocephala subsp. rosea

Themeda australis

Viola hederacea

Cottage Garden



Cottage Garden

Cottage Garden

Cottage Garden

Cottage Garden

Resident's Landscape Courtyard

Resident's Landscape Courtyard

Resident's Landscape Courtyard

Laneway

Level 1 Terrace

Level 1 Terrace

Level 1 Terrace

Materials Palette

Cottage Garden

A cottage garden that boasts Australian native flora.

Range of equipment for recreation and enjoyment

Formal entry ways and encapsulated nodes of rest

Water for sensory activation, ponds and bird baths.

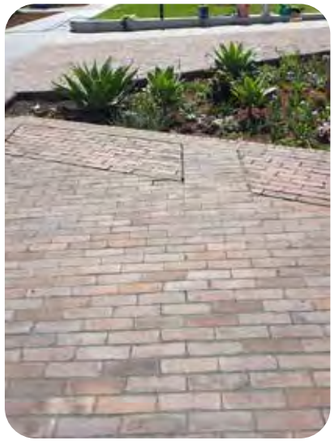
Building Front

Maintained and formal gardening at building front.

Laneway

Laneway to be vibrant and well planted above ground.

Courtyard



Paving options, utilisation of recycled brick and cobblestone

Raised turf and level changes to create visual differences in the area.

Shade that acts as space for climbing vegetation as well as BBQ stations.

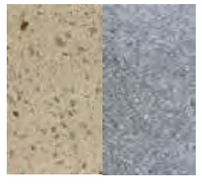
Dog wash for owners to rinse dogs efficiently

Terrace

Garden veggie patches, raised turf seating areas

Native planting options and timber batten wall to cover carpark exhaust

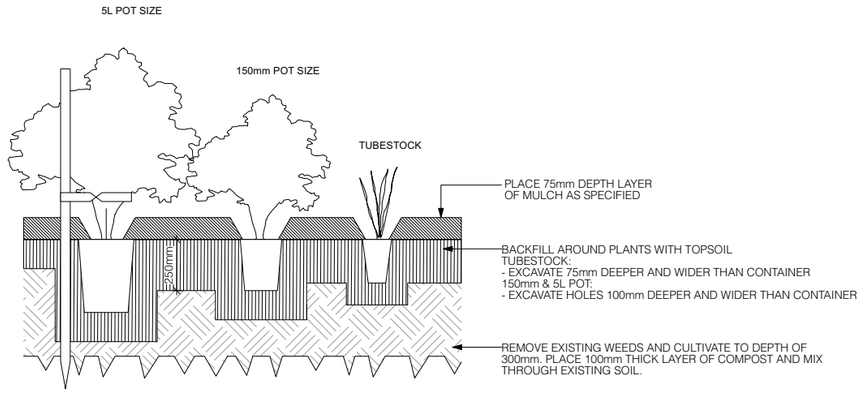
Materials Palette

	TYPE	SUPPLIER	MODEL	PRODUCT LINK	DIMENSIONS	MATERIAL AND FINISH	FIXING
HARDSCAPE							
	Concrete pavement	-	-	-	Continuous.	Exposed aggregate - colour and finish to match existing concrete pavement.	Laid on site with joints to engineer specification.
	Recyled brick pavement	-	-	-	200x100x50 mm		Refer landscape drawings
	Concrete pavers	Urban Stone			600x300 , 600x600 mm	Honed, miled,shot blast	Refer landscape drawings
	Stone Clad Wall	Gosford Quarries Sandstone			600x300 mm		Refer landscape drawings
	Garden border- Concrete edging	-			Refer landscape drawings	150mm Concrete kerb with pencil round edges.	Refer landscape drawings
	Bench Seat	Fiveways Furniture	Bottle Brush	https://www.fivewaysfurniture.com.au/cast-iron-outdoor-furniture/cast-iron-outdoor-bench-seats/rosella-with-bottle-brush	1280 W x 915 H x 686 D mm	The though long-waering bronze powder-coat finish with hand painted gold highlights is highly rust resistant.	

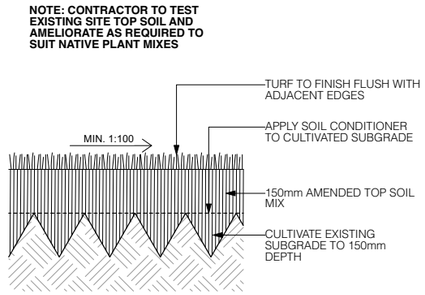
Materials Palette

	TYPE	SUPPLIER	MODEL	PRODUCT LINK	DIMENSIONS	MATERIAL AND FINISH	FIXING
HARDSCAPE							
	Backed Seat	Emerdyn Street Furniture	Boulevarde Seat	https://www.emerdyn.com.au/product-detail/boulevarde-seat	L:1800 x W:608 x h:825	powder coated frame	inground with 50mm pins for chemsetting
	Bistro Seat	Temple & Webster	2 Seater Mia Outdoor Bistro Set	https://www.templeandwebster.com.au/2-Seater-Mia-Outdoor-Bistro-Set-MIA-COGA1107.html?refid=GOOSENB60049&gclid=Cj0KCQjw-pyqBhDmARIsAKd9XIOgtaPiQJPbqgc8AO1tyJTGahB1rN9vGWrRW6eXh9ReVZ01YbIe9T4aAn8oEALw_wcB#view-	Table: 700 H x 600 W x 600 D mm Chair: 940H x400 W x600 D mm	Metal	
	Bird Bath Option 2	Fountains Galore	Modern Birdbath	https://www.fountainsgalore.com.au/products/modern-bird-bath	H:730 x W:420mm Weight - 39kg	Concrete	
	Barbeque	DA Christie	ICON Series Large All-access Barbecue	https://dachristie.com/barbecues/cabinets#icon-series	2200mm (W) x 1000mm (D) x 860mm(H)	Weathered steel powdercoat. Hood optional. Colour to be mid Bronze.	Refer landscape drawings
	Barbeque-Option 2	EG Landscapes	Built in BBQ	Built in BBQ			Refer landscape drawings
	Pond	Anything Wet (or approved equavalant supplier/ installer.	Fish Pond	https://anythingwet.com.au/pond-building/	2000mm diameter x 500mm deep	Sandstone random rock, boulders. and pebbles.	Refer landscape Plan for location

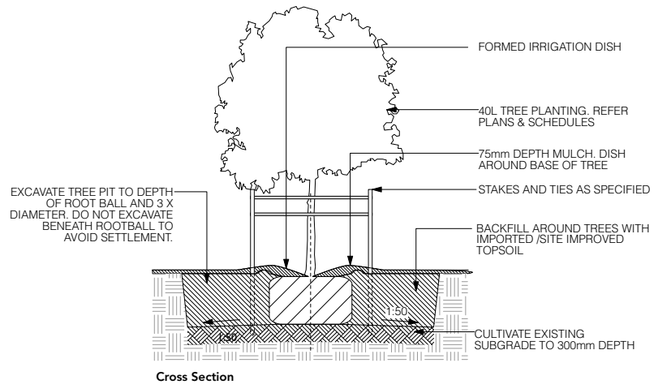
Details



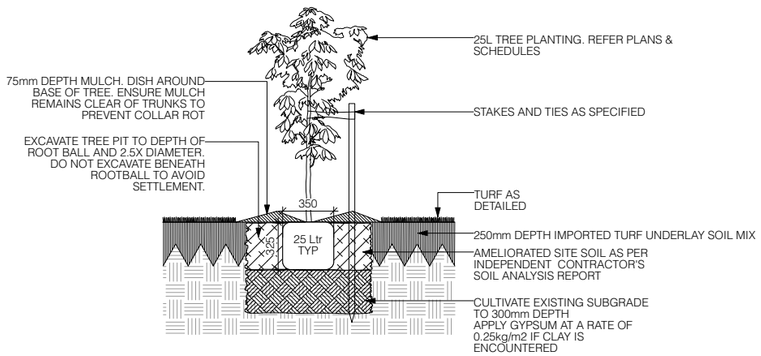
1 S1 - GARDEN BED
Scale: 1:10



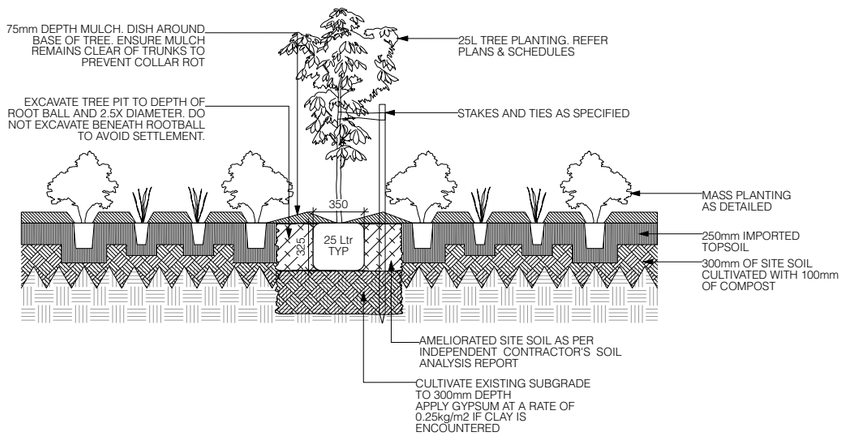
2 S2 - TURF
Scale: 1:10



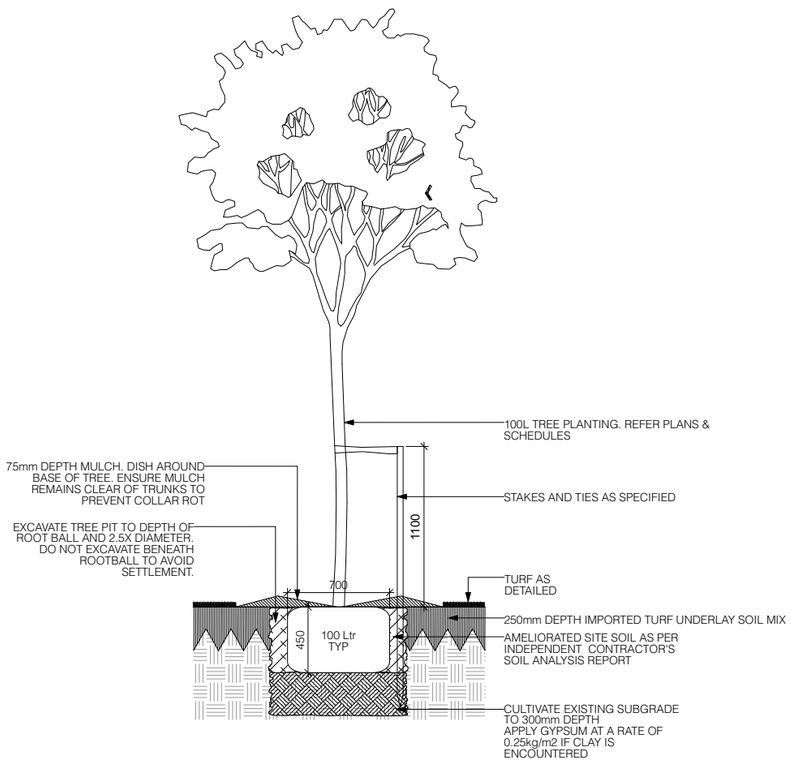
3 PROPOSED 40L TREE PLANTING
Scale: 1:50



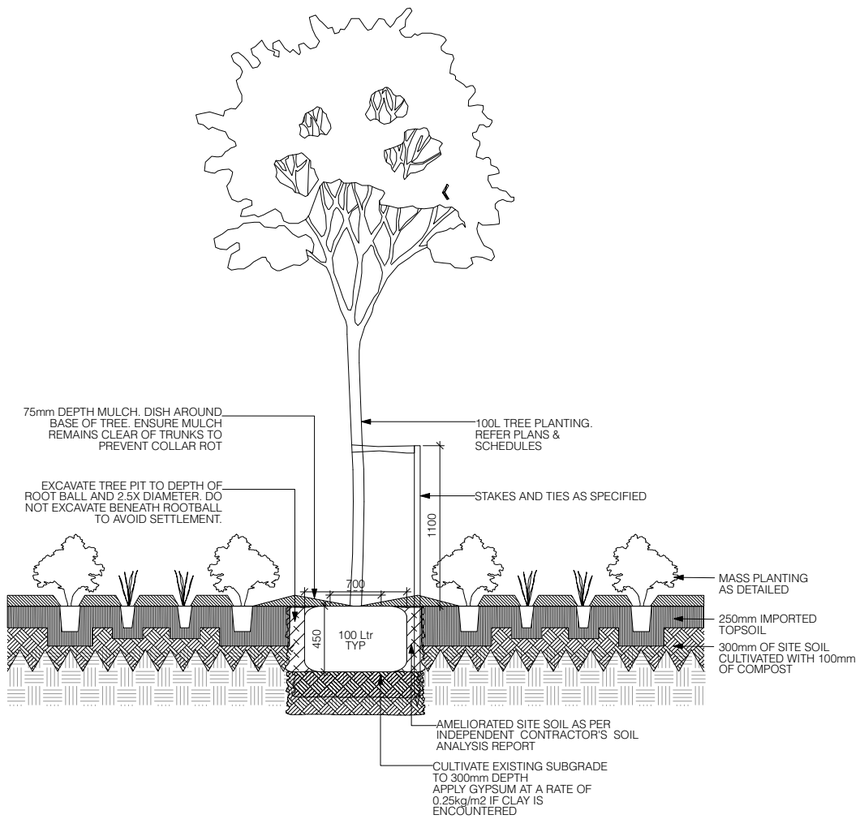
4 PROPOSED 25L TREE PLANTING: TURF
Scale: 1:20



5 PROPOSED 25L TREE PLANTING: GARDEN BED
Scale: 1:20

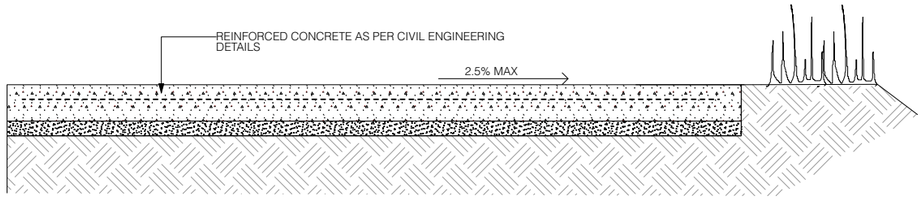


1 PROPOSED 100L TREE PLANTING: TURF
Scale: 1:20

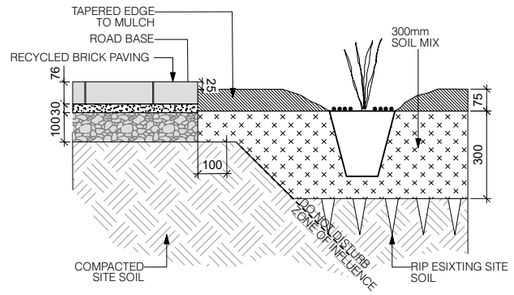


2 PROPOSED 100L TREE PLANTING: GARDEN BED
Scale: 1:20

Details

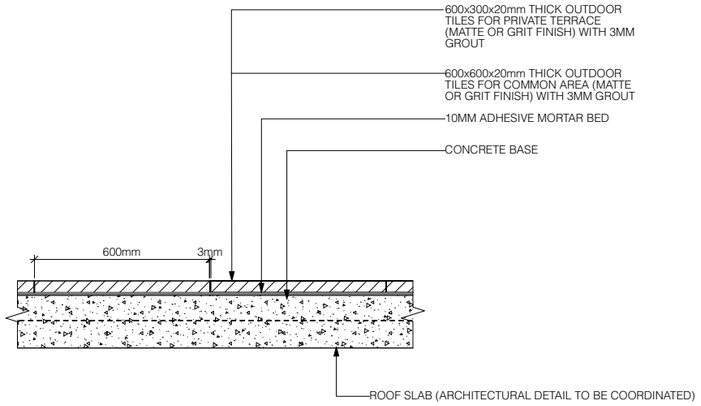


1 P1 - CONCRETE PAVEMENT
Scale: 1:10

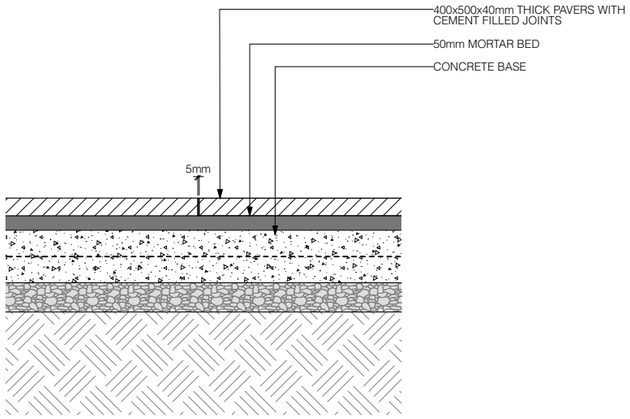


2 PAVED PATH ADJOINING GARDEN BED
Scale: 1:10

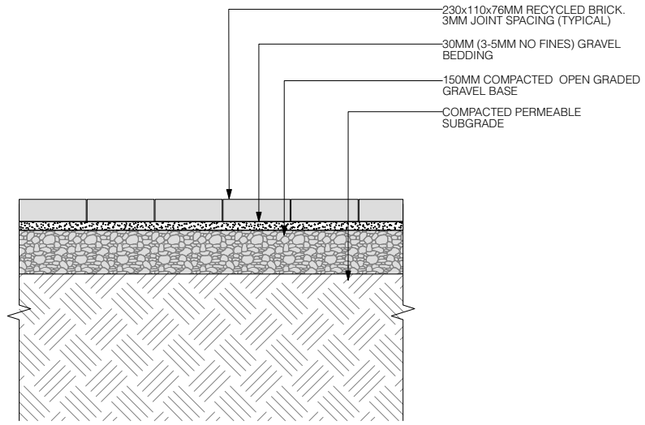
Details



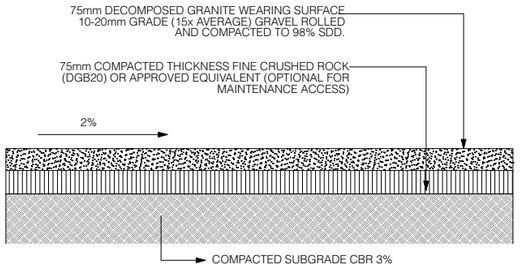
1 TILE- TERRACE PAVING
Scale: 1:10



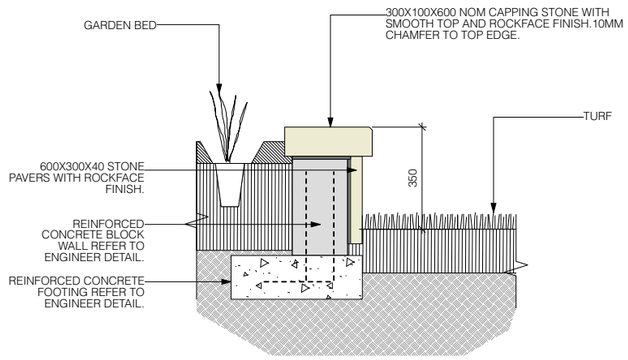
2 CONCRETE PAVERS
Scale: 1:10



3 RECYCLED BRICK PAVING
Scale: 1:10

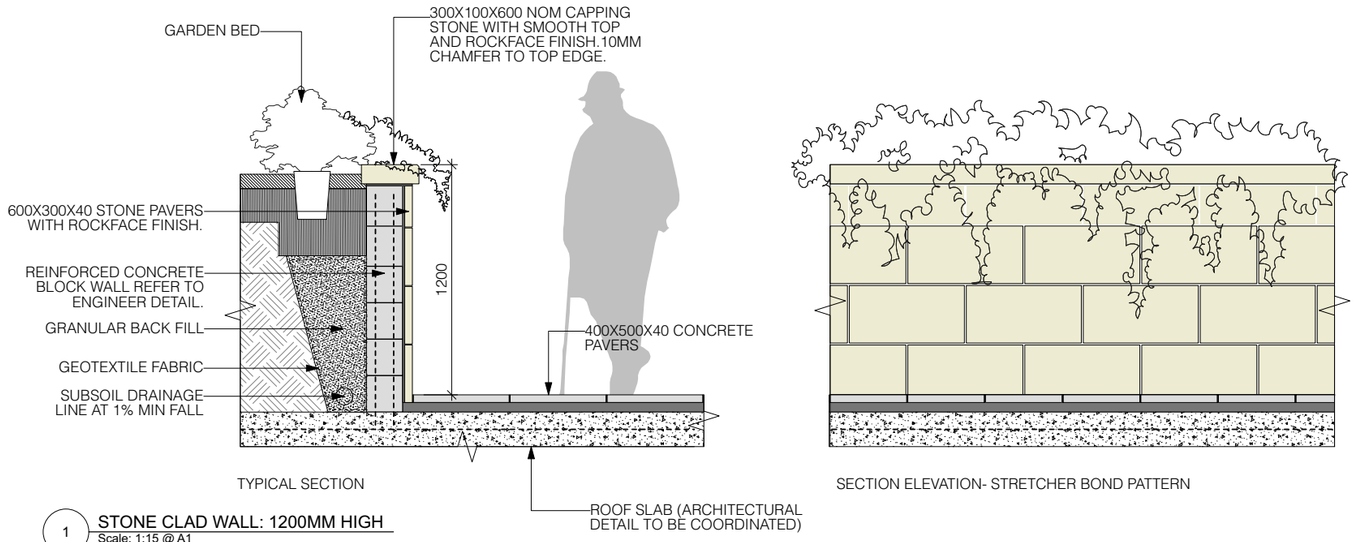


4 GRAVEL TRACK
Scale: 1:10

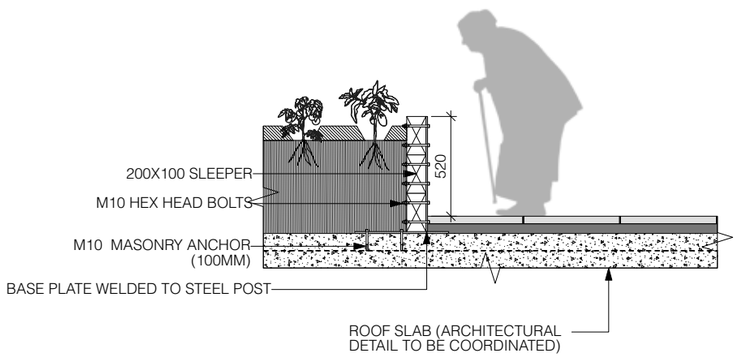


5 STONE CLAD WALL: 350MM HIGH
Scale: 1:10

Details



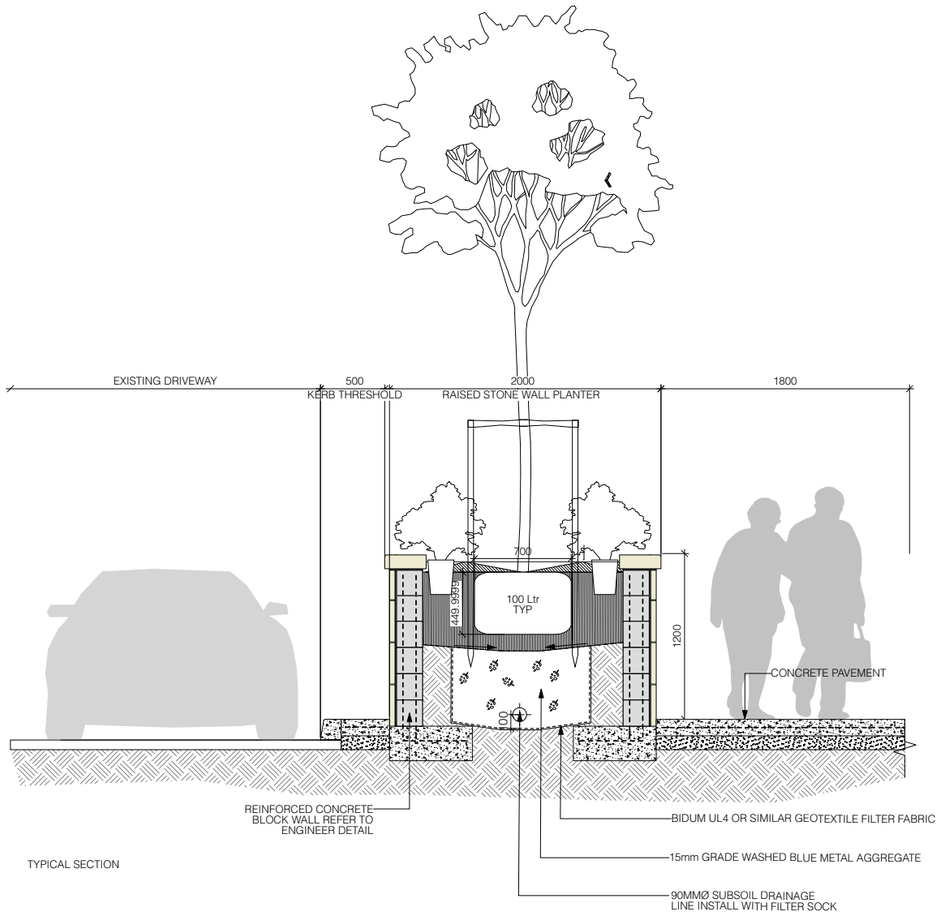
1 STONE CLAD WALL: 1200MM HIGH
Scale: 1:15 @ A1



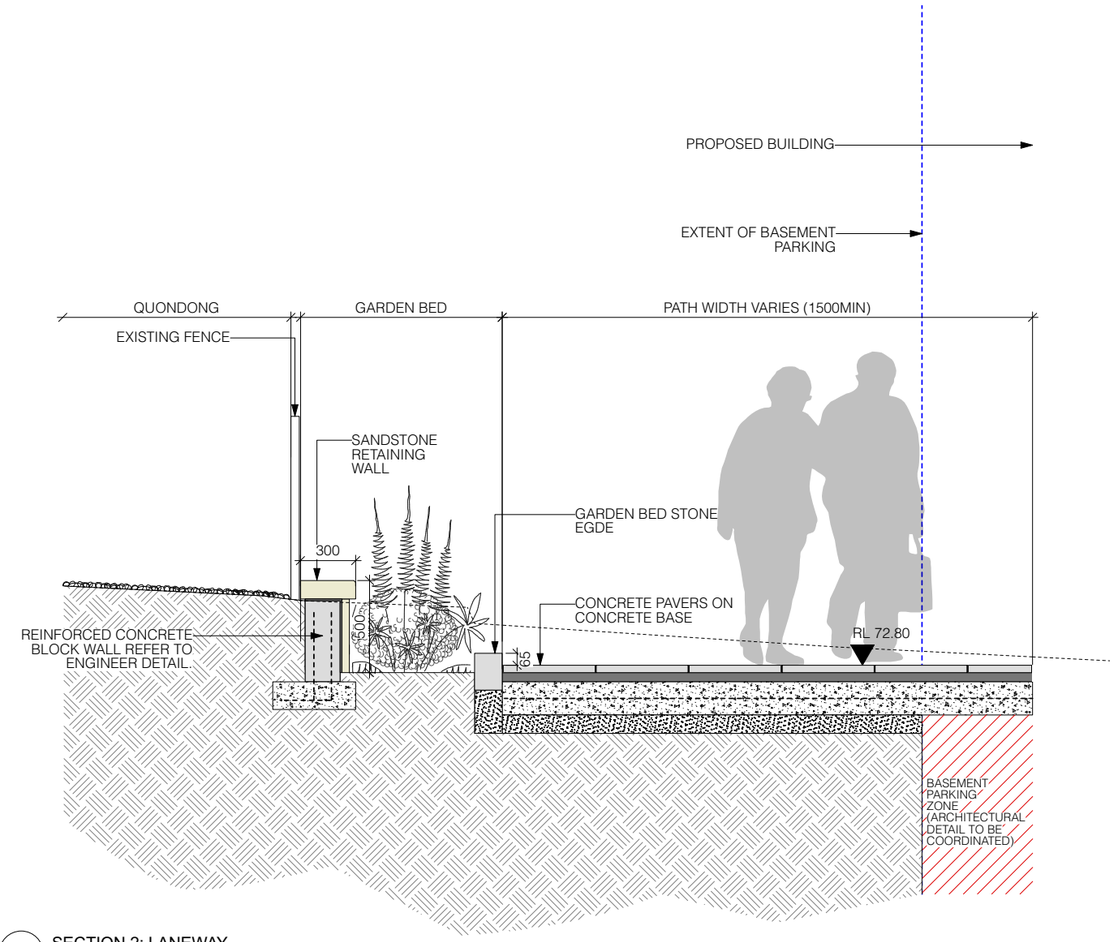
2 RAISED TIMBER SLEEPER PLANTER: VEGGIE PATCH
Scale: 1:15 @ A1

Raised Timber Sleeper Planter

Details

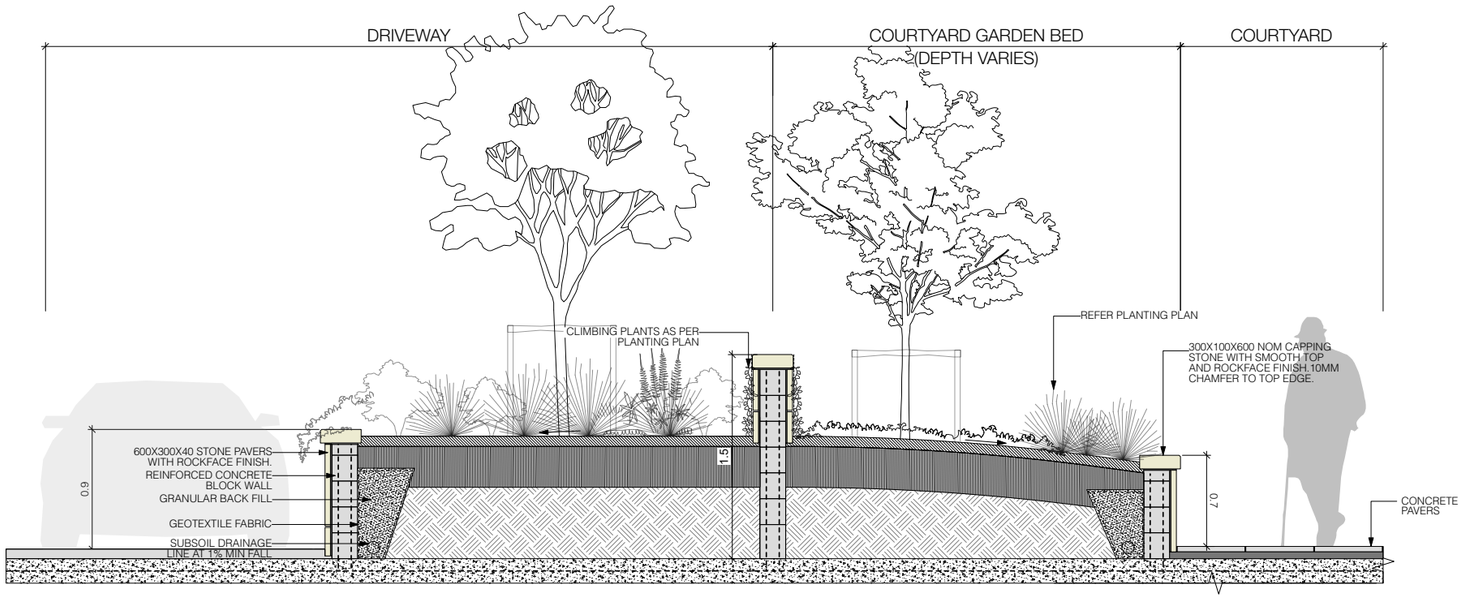


1 SECTION 1: STONE CLAD WALL: 1200MM HIGH
Scale: 1:20 @ A1

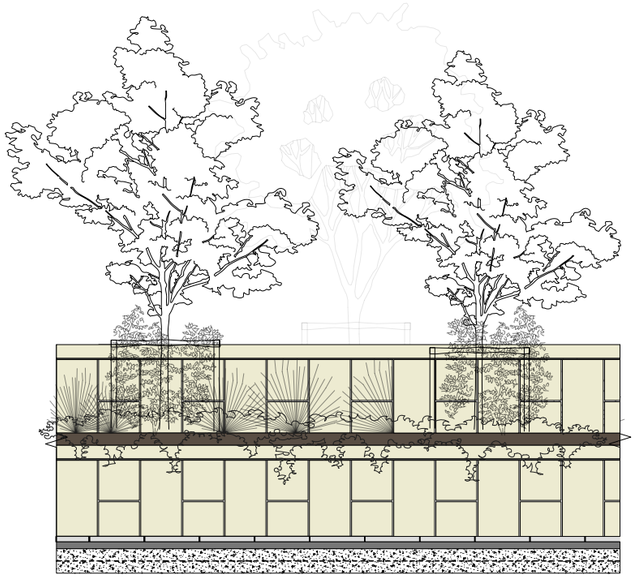


2 SECTION 2: LANEWAY
Scale: 1:15 @ A1

Details

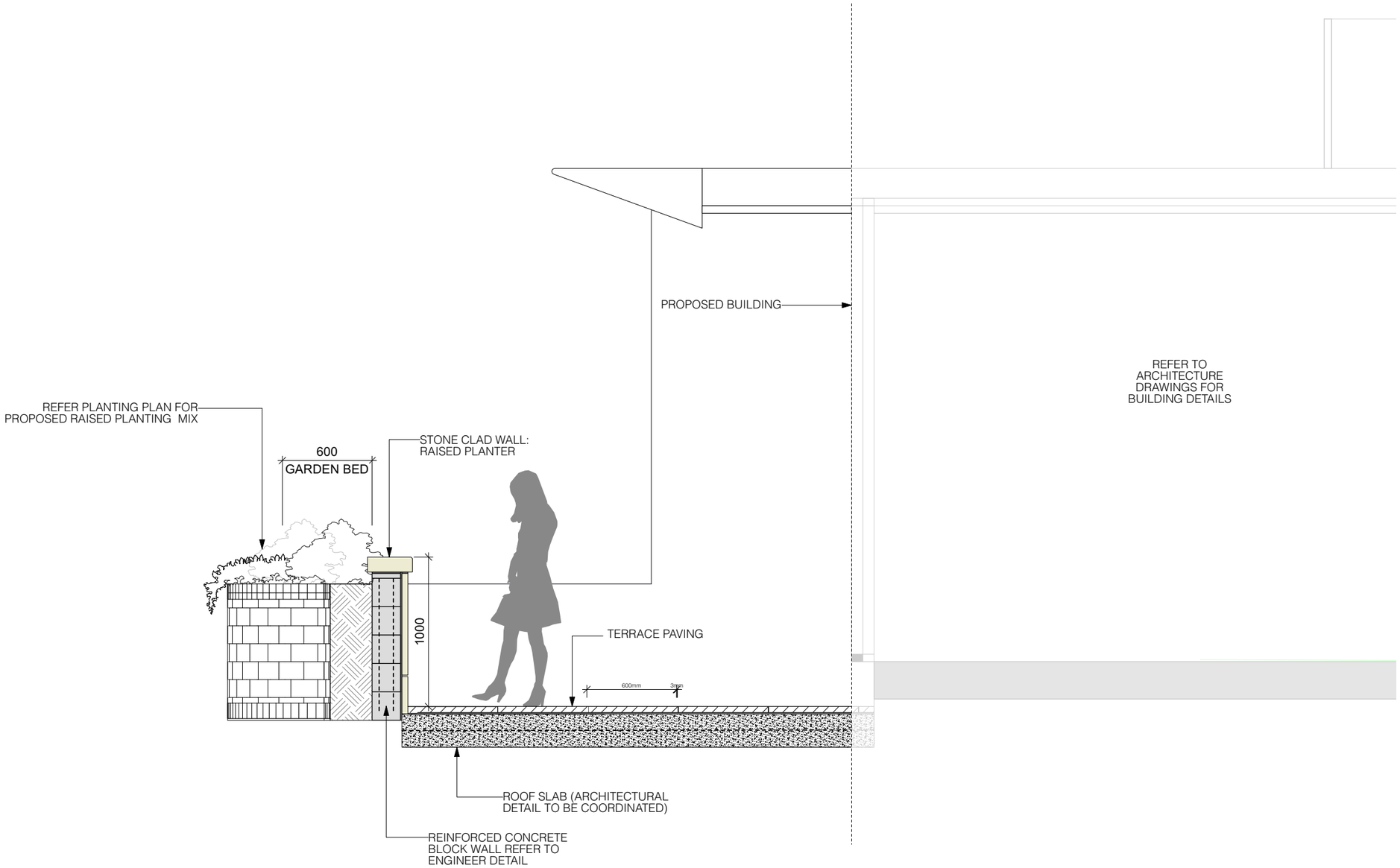


1 SECTION 3: STONE CLAD WALL
Scale: 1:20 @ A1



2 ELEVATION: STONE CLAD WALL
Scale: 1:20 @ A1

Details

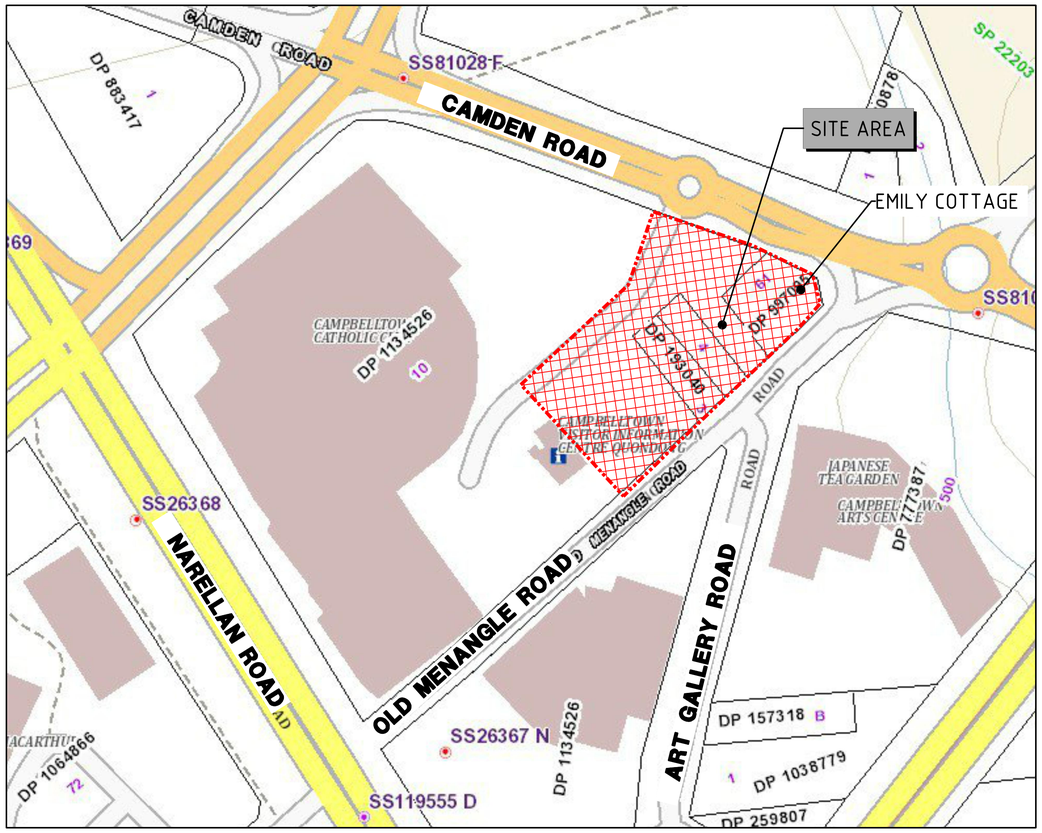


1 LEVEL 7 TERRACE PLANTING
Scale: 1:15

CAMPBELLTOWN CATHOLIC CLUB, 20-22 CAMDEN ROAD (LOT 10 DP1134526 LOTS 3&4 DP193040 LOT 61 DP997095)

INDEPENDENT LIVING DEVELOPMENT APPLICATION

CIVIL ENGINEERING WORKS DRAWINGS



LOCALITY PLAN
N.T.S

DRAWING LIST

DRAWING No.	REV.	DRAWING TITLE
23048–DA01	B	COVER SHEET, DRAWING LIST AND LOCALITY PLAN
23048–DA02	A	GENERAL ARRANGEMENT PLAN
23048–DA03	A	SETOUT PLAN
23048–DA04	A	EROSION AND SEDIMENT CONTROL PLAN
23048–DA05	A	EROSION AND SEDIMENT CONTROL DETAILS
23048–DA06	A	EARTHWORKS CUT & FILL PLAN
23048–DA07	A	CIVIL WORKS PLAN
23048–DA08	A	DRIVEWAY LONGITUDINAL AND TYPICAL SECTIONS
23048–DA09	A	PUBLIC DOMAIN LONGITUDINAL SECTIONS
23048–DA10	A	PUBLIC DOMAIN CROSS SECTIONS OLD MENANGLE ROAD
23048–DA11	A	PUBLIC DOMAIN CROSS SECTIONS CAMDEN ROAD
23048–DA12	A	STORMWATER CATCHMENT PLAN INTERNAL
23048–DA13	A	STORMWATER CATCHMENT PLAN EXTERNAL
23048–DA14	A	STORMWATER LONGITUDINAL SECTIONS SHEET 1 OF 2
23048–DA15	A	STORMWATER LONGITUDINAL SECTIONS SHEET 2 OF 2
23048–DA16	B	OSD 1 PLAN AND SECTIONS
23048–DA17	B	OSD 2 PLAN AND SECTIONS

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
B	16/07/2024	OSD VOLUME UPDATED	JGC	JGC	PGD	PGD
A	13/02/2024	ISSUE FOR DA	DG	JGC	AS	PGD

SCALE: NOT TO SCALE

DRAWING DIMENSIONS IN METRES UNLESS NOTED OTHERWISE

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PROJECT: CAMPBELLTOWN CATHOLIC CLUB
INDEPENDENT LIVING

TITLE: COVER SHEET, DRAWING LIST AND LOCALITY PLAN

PROJECT No.: 23048 | DRG No.: DA01 | REV.: B

Wednesday, 20 March 2019 1:02:14 PM C:\USERS\JOHNCLARK\DIVERSI CONSULTING\AP - D DRIVE\3_PROJECTS\2022\23048 - CAMPBELLTOWN CATHOLIC CLUB\5.DRAW\23048-DA01

A1

LEGEND

- SITE BOUNDARY
- LIMIT OF WORKS
- EXISTING LOT BOUNDARY
- PROPOSED RETAINING WALL
- STORMWATER PIT AND PIPE
- EXISTING TREES
- PROPOSED BUILDING FOOTPRINT
- EXISTING HERITAGE BUILDING
- PAVING (REFER LANDSCAPE ARCHITECT DRAWING)
- PAVING (PUBLIC DOMAIN)
- PROPOSED CONCRETE PAVEMENT

EXISTING CAR PARK

EXISTING DRIVEWAY

OSD1

OSD2

CAMDEN ROAD

EXISTING BUILDING QUONDONG

GARDEN

GARDEN

PAVED PATH

FFL 71.100

PROPOSED BUILDING (BY OTHERS)

HERITAGE BUILDING

DRIVEWAY

OLD MENANGLE ROAD

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
A	13/02/2024	ISSUE FOR DA	DG	JGC	AS	PGD

SCALE:

1:200 (A1) | 1:400 (A3)

1:200 4.0m 2.0 0 4.0 8.0 12.0m

DRAWING DIMENSIONS IN METRES UNLESS NOTED OTHERWISE

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PROJECT: **CAMPBELLTOWN CATHOLIC CLUB**
INDEPENDENT LIVING

TITLE: GENERAL ARRANGEMENT PLAN

PROJECT No.:	DRG No.:	REV:
23048	DA02	A

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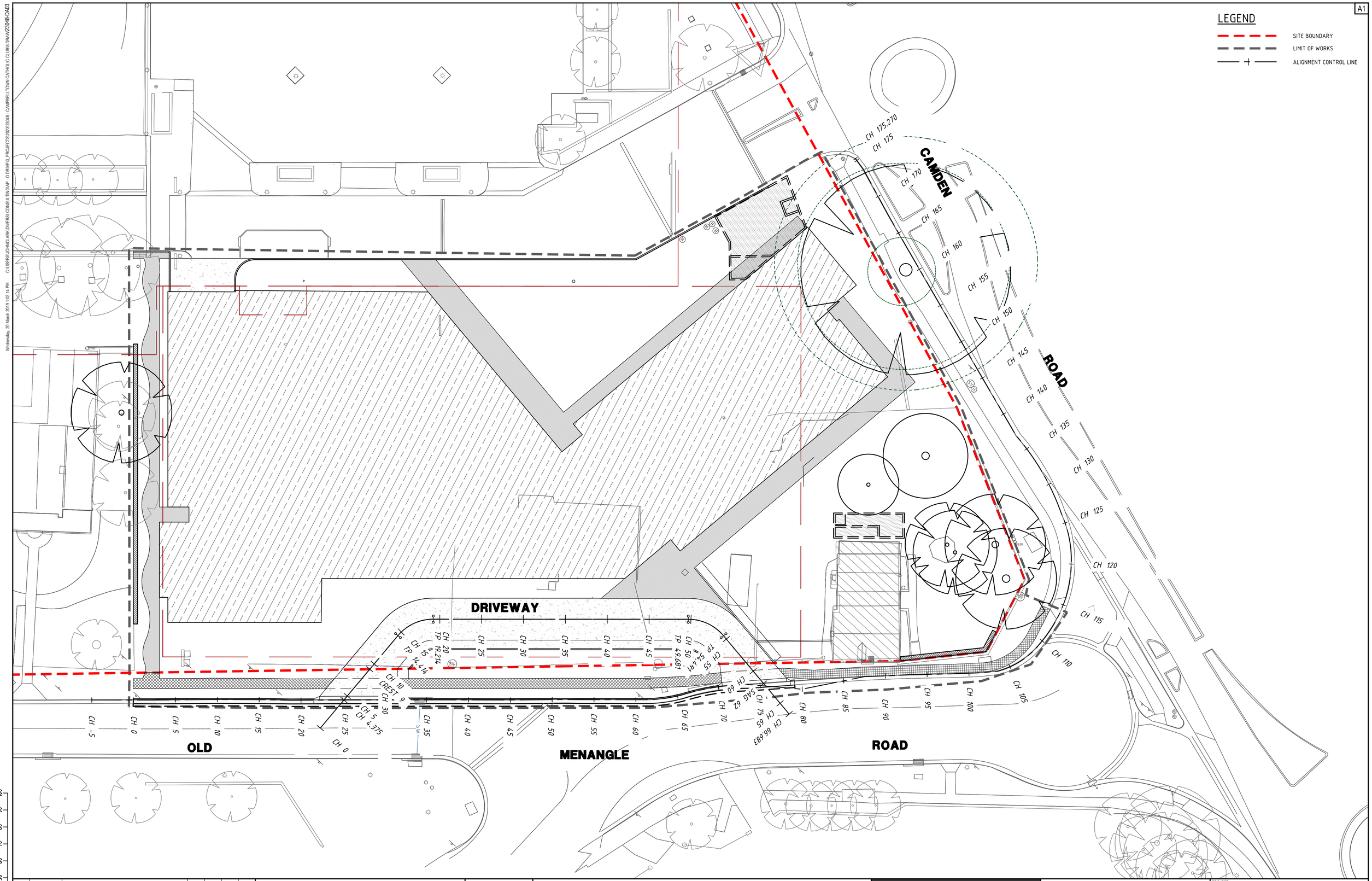
A1



REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
A	13/02/2024	ISSUE FOR DA	DG	JGC	AS	PGD

SCALE:

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4.0m 2.0 0 4.0 8.0 12.0m
1:200

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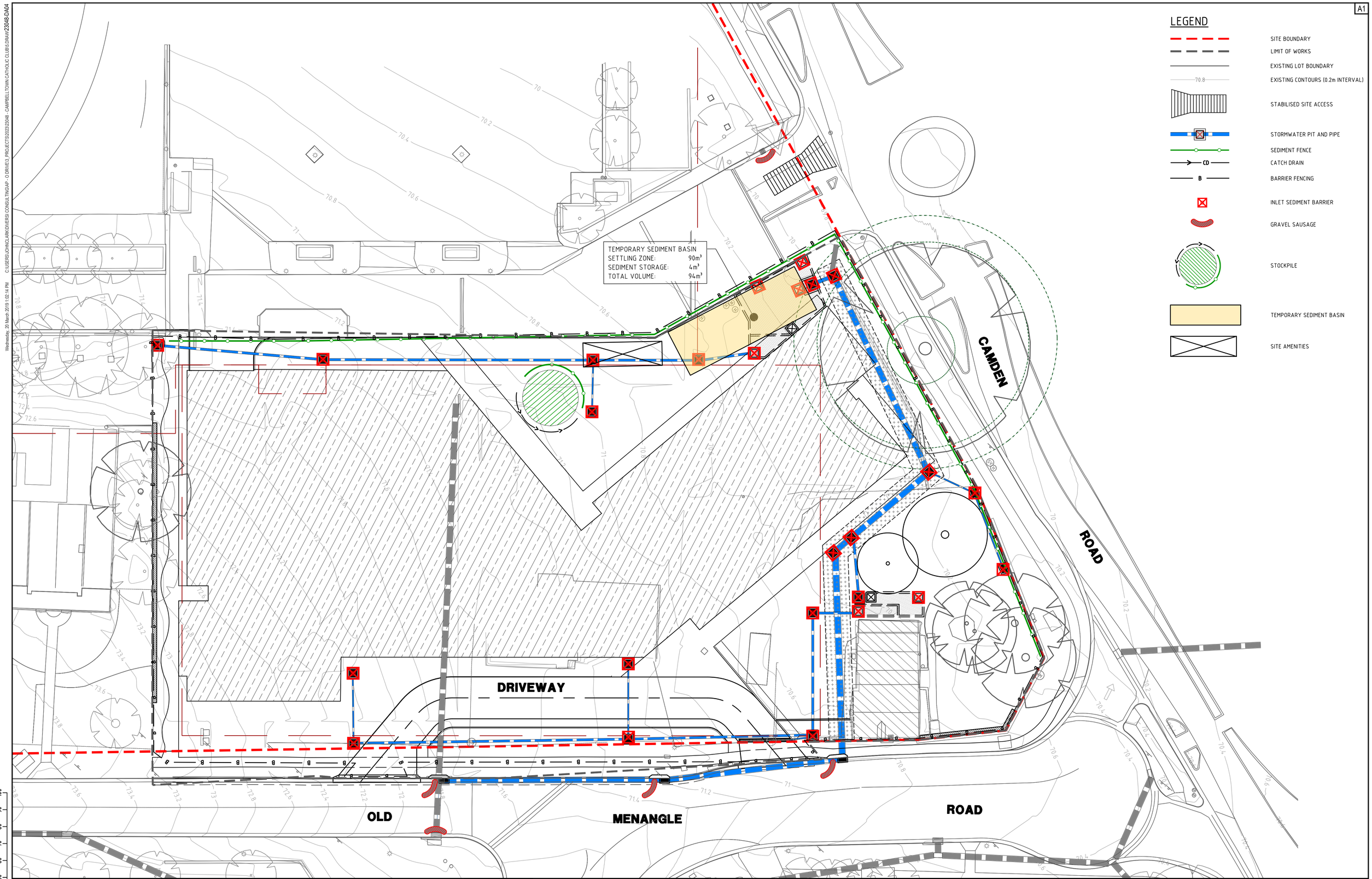
PROJECT: **CAMPBELLTOWN CATHOLIC CLUB**
INDEPENDENT LIVING

TITLE: SETOUT PLAN

PROJECT No.:	DRG No.:	REV:
23048	DA03	A

A1



LEGEND

- SITE BOUNDARY
- LIMIT OF WORKS
- EXISTING LOT BOUNDARY
- EXISTING CONTOURS (0.2m INTERVAL)
- STABILISED SITE ACCESS
- STORMWATER PIT AND PIPE
- SEDIMENT FENCE
- CATCH DRAIN
- BARRIER FENCING
- INLET SEDIMENT BARRIER
- GRAVEL SAUSAGE
- STOCKPILE
- TEMPORARY SEDIMENT BASIN
- SITE AMENITIES

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
A	13/02/2024	ISSUE FOR DA	DG	JGC	AS	PGD

SCALE:
1:200 (A1) | 1:400 (A3)
1:200 4.0m 2.0 0 4.0 8.0 12.0m

DRAWING DIMENSIONS IN METRES UNLESS NOTED OTHERWISE

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PROJECT:
CAMPBELLTOWN CATHOLIC CLUB
INDEPENDENT LIVING

TITLE:
EROSION AND SEDIMENT CONTROL PLAN

PROJECT No.:	DRG No.:	REV:
23048	DA04	A

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A1

4. Volume of Sediment Basins, *Type D* and *Type F* Soils

Basin volume = settling zone volume + sediment storage zone volume

Settling Zone Volume

The settling zone volume for *Type F* and *Type D* soils is calculated to provide capacity to contain all runoff expected from up to the y-percentile rainfall event. The volume of the basin's settling zone (V) can be determined as a function of the basin's surface area and depth to allow for particles to settle and can be determined by the following equation:

$$V = 10 \times C_v \times A \times R_{x\text{-day},\ y\text{-}\%ile}\ (m^3)$$

where:

10 = a unit conversion factor

C_v = the volumetric runoff coefficient defined as that portion of rainfall that runs off as stormwater over the

$R_{x\text{-day},\ y\text{-}\%ile}$ = is the x-day total rainfall depth (mm) that is not exceeded in y percent of rainfall events. (See Sections 6.3.4(d), (e), (f), (g) and (h)).

A = total catchment area (ha)

Sediment Storage Zone Volume

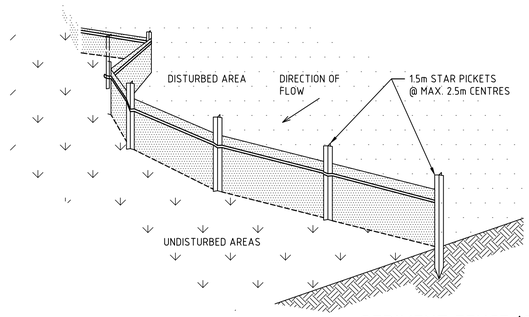
In the detailed calculation on Soil Loss Classes 1 to 4 lands, the sediment storage zone can be taken as 50 percent of the settling zone capacity. Alternately designers can design the zone to store the 2-month soil loss as calculated by the RUSLE (Section 6.3.4(i)(ii)). However, on Soil Loss Classes 5, 6 and 7 lands, the zone must contain the 2-month soil loss as calculated by the RUSLE (Section 6.3.4(i)(iii).

Place an "X" in the box below to show the sediment storage zone design parameters used

	50% of settling zone capacity,
X	2 months soil loss calculated by RUSLE

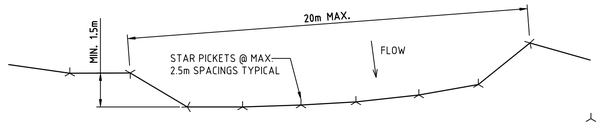
Total Basin Volume

Site	C_v	$R_{x\text{-day},\ y\text{-}\%ile}$	Total catchment area (ha)	Settling zone volume (m^3)	Sediment storage volume (m^3)	Total basin volume (m^3)
CAT 1	0.50	19.2	0.94	90	4	94



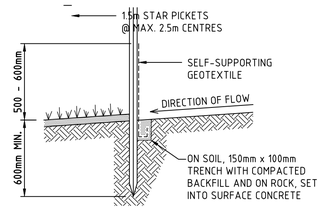
SEDIMENT FENCE (SF)

SCALE N.T.S.



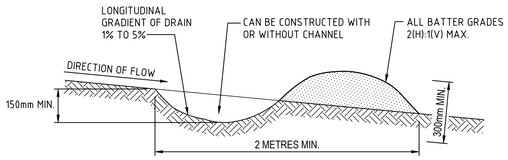
(SF) PLAN

SCALE N.T.S.



(SF) SECTION

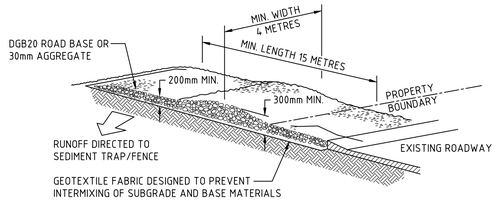
SCALE N.T.S.



NOTE: ONLY TO BE USED AS TEMPORARY BANK WHERE MAXIMUM UPSLOPE LENGTH IS 80 METRES.

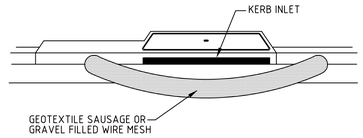
CATCH DRAIN (CD)

SCALE N.T.S.



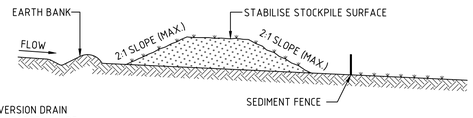
STABILISED SITE ACCESS

SCALE N.T.S.



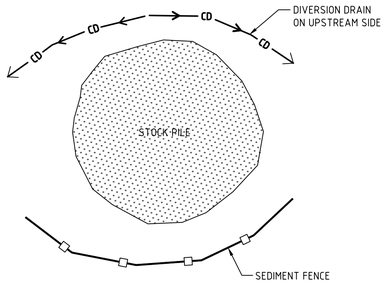
GRAVEL SAUSAGE (GS)

SCALE N.T.S.



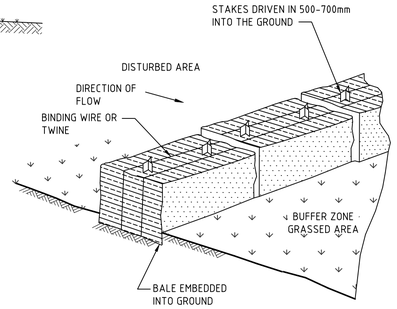
STOCKPILE SECTION

SCALE N.T.S.



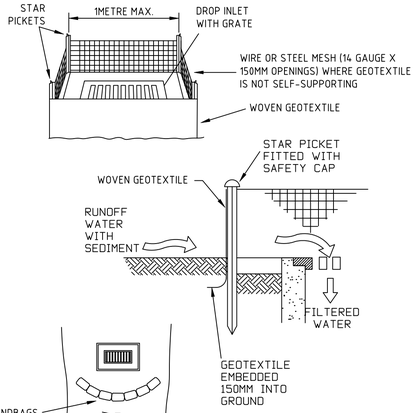
STOCKPILE PLAN

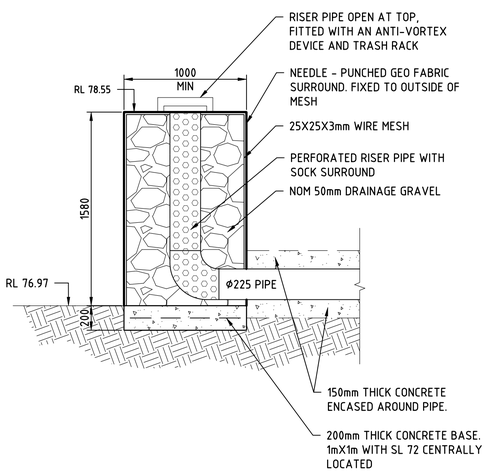
SCALE N.T.S.



TYPICAL STRAW BALE BUND

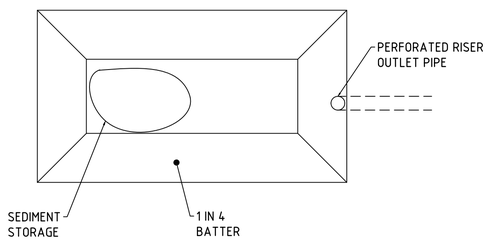
SCALE N.T.S.





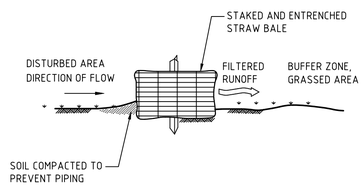
PERFORATED RISER PIPE DETAIL

SCALE N.T.S.



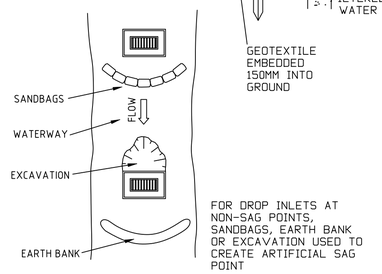
TEMPORARY SEDIMENTATION BASIN PLAN

SCALE N.T.S.



SECTION STRAW BALE BUND

SCALE N.T.S.

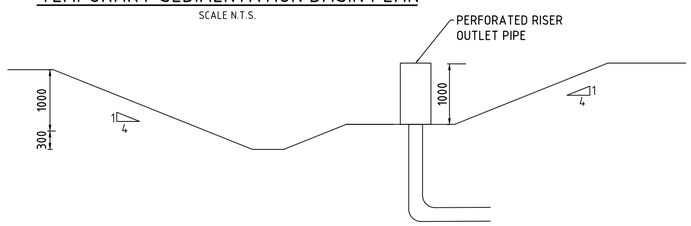


CONSTRUCTION NOTES

1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
2. SUPPORT GEOTEXTILE WITH MESH TIED TO POSTS SPACED AT 1 METRE CENTRES.
3. DO NOT COVER INLET WITH GEOTEXTILE.
4. CONSTRUCTION DETAILS ARE SIMILAR TO STANDARD DRAWING 6-6 AND 6-7.

INLET SEDIMENT BARRIER (ISB)

SCALE N.T.S.



SEDIMENT FENCE 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 1.5m LONG STAR PICKETS INTO GROUND @ 2.5m 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.

STOCKPILE CONSTRUCTION NOTES:

1. PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES 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 2 METRES IN HEIGHT.
4. WHERE THEY ARE TO BE PLACED FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED E.S.C.P. OR S.W.M.P. TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
5. CONSTRUCT EARTH BANKS ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES 1 TO 2 METRES DOWNSLOPE.

STABILISED SITE ACCESS CONSTRUCTION NOTES:

1. STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT THE SUBGRADE.
2. COVER THE AREA WITH NEEDLE - PUNCHED GEOTEXTILE.
3. CONSTRUCT A 200mm THICK PAD OVER THE GEOTEXTILE USING ROAD BASE OR 30mm AGGREGATE.
4. ENSURE THE STRUCTURE IS AT LEAST 15 METRES LONG OR TO BUILDING ALIGNMENT AND AT LEAST 3 METRES WIDE.
5. WHERE A SEDIMENT FENCE JOINS ONTO THE STABILISED ACCESS, CONSTRUCT A HUMP IN THE STABILISED ACCESS TO DIVERT WATER TO SEDIMENT FENCE.

INLET SEDIMENT BARRIER NOTES:

1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
2. SUPPORT GEOTEXTILE WITH MESH TIED TO POSTS SPACED AT 1 METRE ICENTRES. 3. DO NOT COVER INLET WITH GEOTEXTILE.
3. DO NOT COVER INLET WITH GEOTEXTILE.
4. CONSTRUCTION DETAILS ARE SIMILAR TO STANDARD DRAWING 6-6 AND 6-7.

EARTH BANK CONSTRUCTION NOTES:

1. BUILD WITH GRADIENTS BETWEEN 1% AND 5%.
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 BANKS ARE PROPERLY COMPACTED TO PREVENT FAILURE.
6. COMPLETE PERMANENT OR TEMPORARY STABILISATION WITHIN 10 DAYS OF CONSTRUCTION.

EROSION AND SEDIMENT CONTROLS

1. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH THESE DOCUMENTS AND
   - A CAMDEN COUNCIL REQUIREMENTS
   - B EPA REQUIREMENTS
   - C NSW DEPARTMENT OF HOUSING MANUAL 'MANAGING URBAN STORM WATER , SOILS AND CONSTRUCTION', 4TH EDITION , MARCH 2004.
2. MAINTAIN THE EROSION CONTROL DEVICES INDICATED TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
3. WHEN STORM WATER PITS ARE CONSTRUCTED , PREVENT SITE RUNOFF ENTERING UNLESS SILT FENCES ARE ERECTED AROUND THE PITS.
4. CONTRACTOR IS TO ENSURE ALL EROSION AND SEDIMENTATION CONTROL DEVICES ARE MAINTAINED IN GOOD WORKING ORDER AND OPERATE EFFICIENTLY. REPAIRS AND/OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED , PARTICULARLY FOLLOWING STORM EVENTS.
5. CONTRACTOR TO PROVIDE 1m WIDE TURF STRIPED BEHIND ALL KERBS.

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
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PROJECT: **CAMPBELLTOWN CATHOLIC CLUB**
INDEPENDENT LIVING

TITLE: EROSION AND SEDIMENT CONTROL DETAILS

PROJECT No.: 23048 | DRG No.: DA05 | REV: A

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A1

ESTIMATED BULK EARTHWORKS VOLUME

TOTAL CUT	-36,026m^3
TOTAL FILL	322m^3
TOTAL BALANCE	35,704m^3

LEGEND

- SITE BOUNDARY
- EXISTING LOT BOUNDARY
- LIMIT OF WORKS
- EXISTING CONTOURS (0.2m INTERVAL)
- PROPOSED CONTOURS (0.2m INTERVAL)
- PROPOSED RETAINING WALL
- X e70.48 EXISTING LEVEL
- EXISTING TREES
- T — T EXISTING TELSTRA
- E — E EXISTING ELCTRICAL
- S — S EXISTING SEWER
- W — W EXISTING WATER MAIN
- C — C EXISTING COMMUNICATION
- G — G EXISTING GAS
- SW — SW EXISTING STORMWATER
- OUTLINE OF PROPOSED BASEMENT

CUT AND FILL DEPTH RANGE (m)

	2.5 >
2.5	2.0
2.0	1.5
1.5	1.0
1.0	0.5
0.5	0.2
0.2	-0.2
-0.2	-0.5
-0.5	-1.0
-1.0	-1.5
-1.5	-2.0
-2.0	-2.5
<-2.5	

NOTE:

1. TEMPORARY BATTERS HAVE NOT BEEN CONSIDERED.
2. VOLUMES ARE BANK VOLUMES AND BULKING FACTORS HAVE NOT BEEN CONSIDERED.
3. NO ALLOWANCE HAS BEEN MADE FOR STRIPPING.
4. NO ALLOWANCE FOR PAVEMENT BOXING OR SERVICES TRENCHING.

EXISTING CAR PARK
OSD1
CAMDEN ROAD
EXISTING BUILDING
PROPOSED RETAINING WALL. 500mm MAX HEIGHT
GARDEN
GARDEN
PAVED PATH
DRIVEWAY
HERITAGE BUILDING
OLD MENANGLE ROAD
RECONSTRUCT EXISTING RETAINING WALL

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
A	13/02/2024	ISSUE FOR DA	DG	JGC	AS	PGD

SCALE: 1:200 (A1) | 1:400 (A3)

DRAWING DIMENSIONS IN METRES UNLESS NOTED OTHERWISE

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PROJECT: CAMPBELLTOWN CATHOLIC CLUB
INDEPENDENT LIVING

TITLE: EARTHWORKS CUT & FILL PLAN

PROJECT No.: 23048 | DRG No.: DA06 | REV: A

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Wednesday, 20 March 2019 1:02:14 PM

A1

EXTENT OF EXISTING UNDERGROUND CARPARK

RECONSTRUCT KIP AS GSIP. REFER DETAIL AS SHEET DA14

CUT EXISTING KERB AND CONNECT PROPOSED KERB

KERB TO BE DEMOLISHED

PROPOSED LEVELS TBC ON DETAIL DESIGN

CUT EXISTING PAVEMENT AND CONSTRUCT NEW DRIVEWAY TO CAMPBELLTOWN COUNCIL'S STANDARD DRAWING SD-R10

CUT EXISTING PAVEMENT AND CONSTRUCT NEW KERB ONLY. USE EXISTING PAVEMENT LEVEL AS PROPOSED KERB INVERT.

OSD 1
DETAIL SHEET DA16 & DA17.
12 x 690 OCEAN PROTECT PSORB FILTER CARTRIDGES.
TOP SLAB = RL70.58

EXISTING KERB TO BE DEMOLISHED

CUT EXISTING KERB AND CONNECT PROPOSED NEW KERB

EXISTING HYDRANTS TO BE RETAINED

PROVIDE OCEAN GUARD PIT INSERT TO PIT D-2

EXISTING TREE TO BE RETAINED

PROPOSED RETAINING WALL. 500mm MAX HEIGHT

REMOVE REDUNDANT Ø675 SORMWWATER PIPE

EXISTING SEWER TO BE DIVERTED. REFER HYDRAULIC DRAWINGS.

REALIGN EXISTING SEWER LINE

1.2m WIDE FOOTPATH TO CAMPBELLTOWN COUNCIL STANDARD DRAWING SD-R11

EXISTING DRIVEWAY TO BE DEMOLISHED

PROSED VEHICLE CROSSING TO CAMPBELLTOWN CITY COUNCIL'S STANDARD DRAWING SD-R10

DISCONNECT EXISTING STORMWATER PIPE AND CONNECT TO A NEW PROPOSED STOERMWATER LINE.

DEMOLISH EXISTING KERB AND GUTTER. CONSTRUCT NEW KERB AND GUTTER USING EXISTING INVERT LEVEL. REFER CAMPBELLTOWN COUNCIL STANDARD DRAWING SD-R04

CONCRETE PAVEMENT. REFER ARCHTECT DWG

FIRE BOOSTER ASSEMBLY

PROPOSED VEHICLE CROSSING TO CAMPBELLTOWN CITY COUNCIL'S STANDARD DRAWING SD-R10

CUT EXISTING KERB AND GUTTER AND CONSTRUCT VEHICLE CROSSING

PROVIDE 150mm HIGH KERB ALONG BOUNDARY BETWEEN DRIVEWAY AND EXISTING BUILDING

EXISTING HERITAGE BUILDING TO BE RETAINED

OSD 2
DETAIL SHEET DA16 & DA17.
8 x 690 OCEAN PROTECT PSORB FILTER CARTRIDGES.

END OF RETAINING WALL (TRANSITION)

RECONSTRUCT EXISTING RETAINING WALL

SMOOTH CONNECT TO EXISTING FOOTPATH

RETAIN EXISTING PRAM RAMP

EXISTING TREES TO BE RETAINED

HERITAGE BUILDING EX FFL 70.60

PROVIDE OCEAN GUARD PIT INSERT TO PIT A-2

MATCH EXISTING LEVEL ALONG THE BOUNDARY AT CAMDEN ROAD

PROVIDE OCEAN GUARD PIT INSERT TO PIT 1-2

MAINTAIN EXISTING PUBLIC DOMAIN AND LEVELS

PROPOSED TREES

CREATE NEW EASEMENT OVER COUNCIL'S STORMWATER

BASEMENT LINE BELOW

APPROXIMATE STRUCTURAL ROOT ZONE. REFER TO ARBORIST REPORT

RETAIN EXISTING PRAM RAMP

RECONSTRUCT EXISTING PIT PROVIDE OCEAN GUARD PIT INSERT TO PIT 1-1

EXISTING Ø675 STORMWATER PIPE

TREE PROTECTION ZONE. REFER TO ARBORIST REPORT)

CAMDEN ROAD

OLD MENANGLE ROAD

DRIVEWAY

OSD1

OSD2

PROPOSED FOOTPATH

LEGEND

- SITE BOUNDARY
- LIMIT OF WORKS
- EXISTING LOT BOUNDARY
- EXISTING CONTOURS (0.2m INTERVAL)
- PROPOSED CONTOURS (0.2m INTERVAL)
- STORMWATER PIT AND PIPE
- EXISTING STORMWATER
- EXISTING STORMWATER TO BE DEMOLISHED
- EXISTING LEVEL
- DESIGN LEVEL
- PROPOSED RETAINING WALL
- PROPOSED INTEGRAL KERB
- PROPOSED KERB AND GUTTER
- EXISTING TREES
- EXISTING TELSTRA
- EXISTING ELCTRICAL
- EXISTING SEWER
- EXISTING WATER MAIN
- EXISTING COMMUNICATION
- EXISTING GAS
- OUTLINE OF PROPOSED BASEMENT
- PROPOSED 3m WIDE EASEMENT FOR COUNCIL'S STORMWATER
- PROPOSED BUILDING FOOTPRINT
- EXISTING HERITAGE BUILDING
- PAVING (REFER LANDSCAPE ARCHITECT DRAWING)
- PAVING (PUBLIC DOMAIN)
- PROPOSED CONCRETE PAVEMENT
- NOMINAL TREE PROTECTED ZONE OF EXISTING TREES TO BE RETAINED

NOTE:

1. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT OF BUILDING ELEMENTS.
2. REFER LANDSCAPE ARCHITECT DRAWINGS FOR ALL SURFACE FINISHES AND NON-ROAD PAVEMENT AREAS

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
A	13/02/2024	ISSUE FOR DA	DG	JGC	AS	PGD

SCALE: 1:200 (A1) | 1:400 (A3)

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PROJECT: CAMPBELLTOWN CATHOLIC CLUB
INDEPENDENT LIVING

TITLE: CIVIL WORKS PLAN

PROJECT No.: 23048 | DRG No.: DA07 | REV.: A

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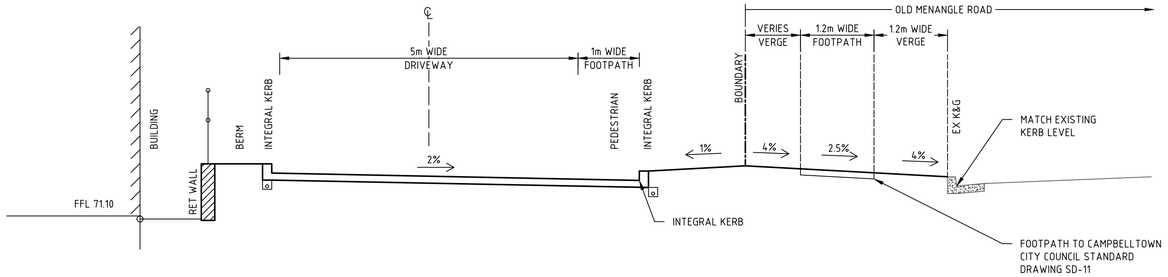
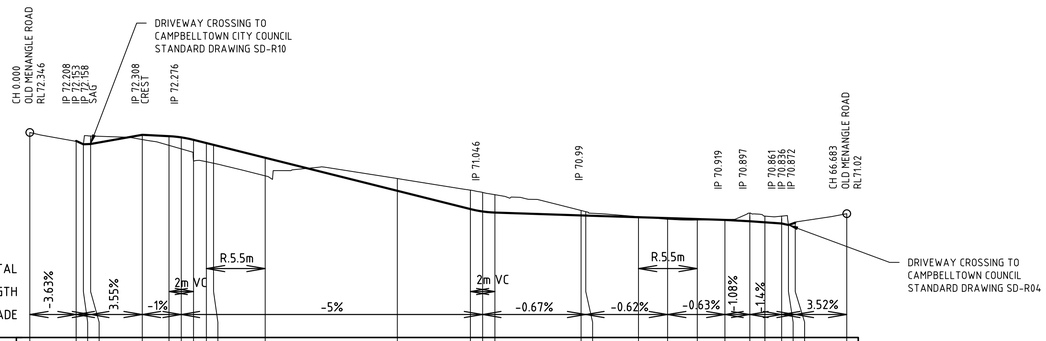


DRIVEWAY TYPICAL SECTION

SCALE 1: 100



Datum RL69

PROPOSED LEVEL		72.208	72.153	72.158	72.308	72.286	72.266	72.226	72.173	72.144	71.933	71.394	71.096	71.057	71.039	70.992	70.99	70.963	70.948	70.933	70.919	70.897	70.88	70.861	70.836	70.872	
EXISTING LEVEL	72.346	72.208	72.153	72.289	72.231	72.136	72.078	71.884	71.869	71.845	71.638	71.594	71.405	71.368	71.331	71.073	71.054	70.972	70.929	70.917	70.926	71.031	70.98	70.981	70.836	70.872	71.02
CHAINAGE	0.000	3.785	4.376	4.965	9.182	11.365	12.365	13.365	14.414	15.000	19.214	30.000	35.964	36.964	37.964	45.000	45.380	49.681	52.058	54.481	56.738	58.769	60.000	61.369	61.974	62.478	66.683

DRIVEWAY LONGITUDINAL SECTION

SCALE 1:250 HORI.
SCALE 1:50 VERT.

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
A	13/02/2024	ISSUE FOR DA	DG	JGC	AS	PGD

SCALE:

H 1:250 | V 1:50 (A1)

1:250 — 5.0m 2.5 0 5.0 10.0 15.0m

1:50 — 1000mm 500 0 1000 2000 3000mm

DRAWING DIMENSIONS IN METRES UNLESS NOTED OTHERWISE

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PROJECT:
CAMPBELLTOWN CATHOLIC CLUB
INDEPENDENT LIVING

TITLE:
DRIVEWAY LONGITUDINAL AND TYPICAL SECTIONS

PROJECT No.: 23048 | DRG No.: DA08 | REV.: A

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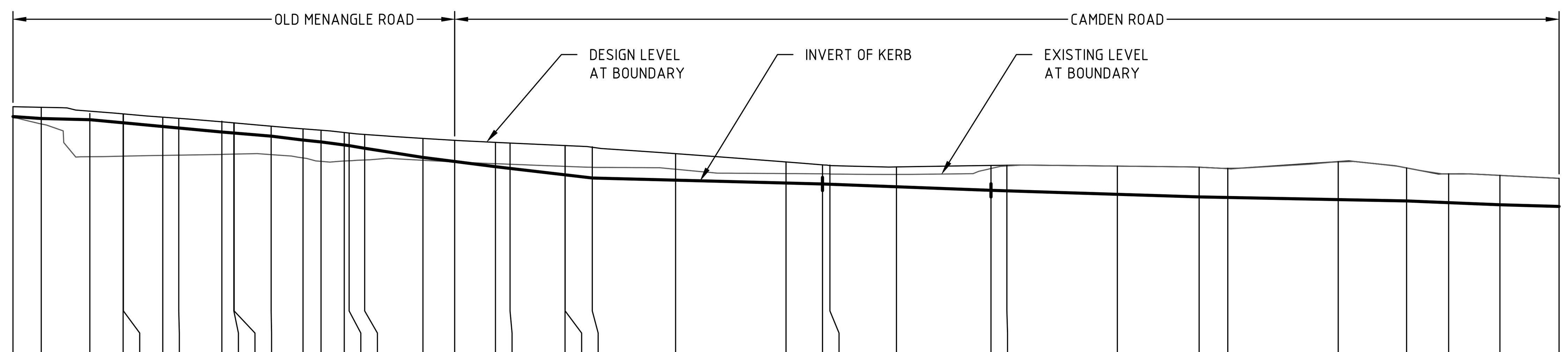
A1



Datum RL68

EX BOUNDARY	70.688	70.614	70.252	70.253	70.253	70.262	70.265	70.272	70.277	70.277
DES BOUNDARY	70.814	70.807	70.736	70.732	70.731	70.694	70.681	70.650	70.630	70.630
INVERT OF KERB LEVEL(EXISTING)	70.702	70.68	70.667	70.631	70.631	70.589	70.572	70.527	70.516	70.515
INVERT OF KERB CHAINAGE	100.000	101.282	103.481	104.988	105.000	106.782	107.507	109.458	110.000	110.015

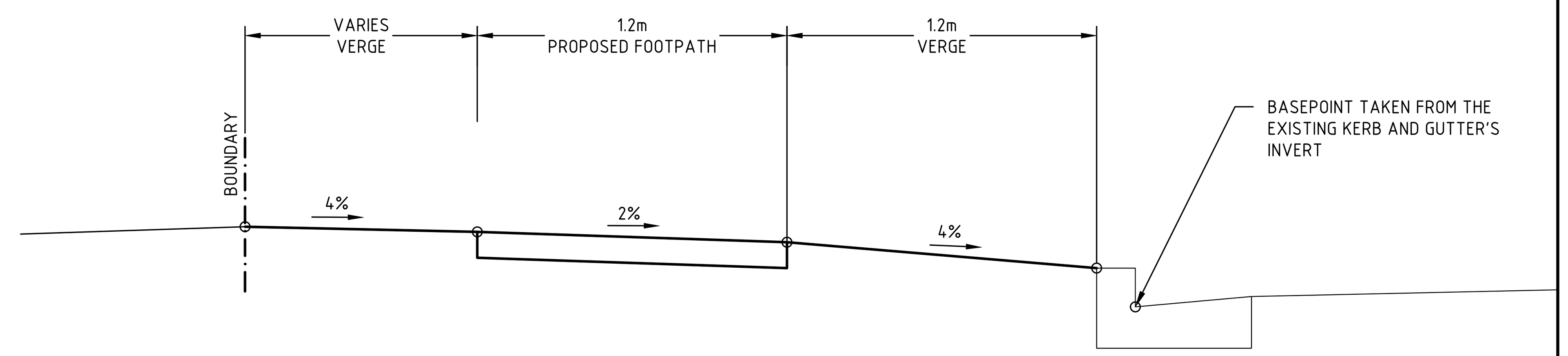
EX BOUNDARY	70.271	70.231	70.187	70.199	70.204	70.218	70.207	70.188	70.167	70.162
DES BOUNDARY	70.593	70.562	70.538	70.517	70.510	70.493	70.454	70.433	70.408	70.402
INVERT OF KERB LEVEL(EXISTING)	70.48	70.436	70.415	70.38	70.373	70.343	70.239	70.193	70.134	70.115
INVERT OF KERB CHAINAGE	111.690	113.132	113.948	115.000	115.220	115.926	118.562	120.000	121.846	122.506

EX BOUNDARY	70.138	70.138	70.128	70.105	70.056	70.053	70.053	70.047	70.113	70.142
DES BOUNDARY	70.374	70.373	70.360	70.282	70.188	70.155	70.152	70.131	70.148	70.150
INVERT OF KERB LEVEL(EXISTING)	70.042	70.042	70.006	69.982	69.949	69.938	69.935	69.907	69.866	69.861
INVERT OF KERB CHAINAGE	124.995	125.000	126.229	130.000	135.000	136.651	136.987	140.000	144.280	145.000

EX BOUNDARY	70.141	70.129	70.117	70.188	70.120	70.054	70.036	70.003
DES BOUNDARY	70.141	70.129	70.112	70.192	70.120	70.052	70.036	70.002
INVERT OF KERB LEVEL(EXISTING)	69.821	69.792	69.786	69.761	69.746	69.727	69.703	69.684
INVERT OF KERB CHAINAGE	150.000	153.702	155.000	160.000	163.094	165.000	167.321	170.000

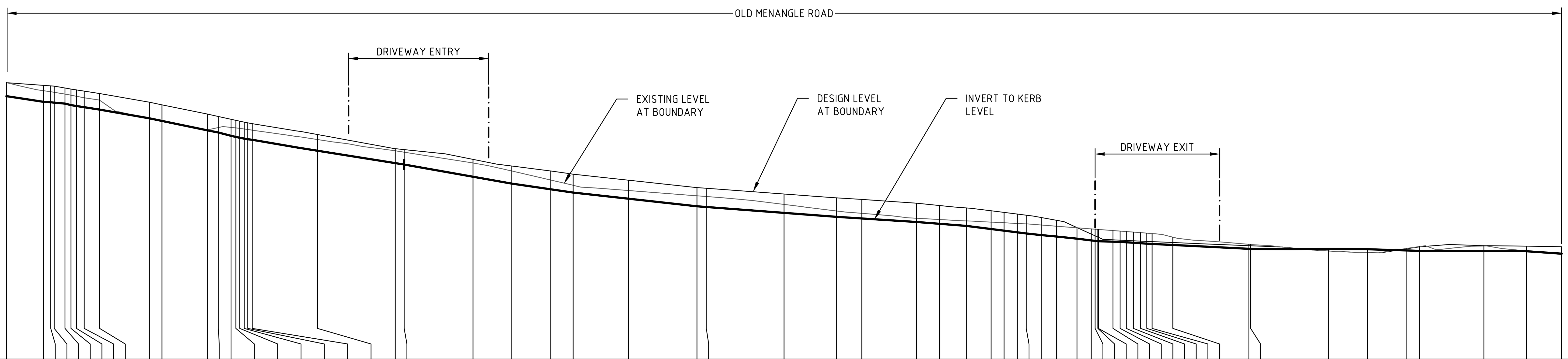
ROAD 1 KERB INVERT PROFILE

SCALE 1:200 HORIZ.
SCALE 1:50 VERT.



OLD MENANGLE ROAD - TYPICAL SECTION OF PUBLIC DOMAIN WORKS

SCALE 1: 100



Datum RL69

EX BOUNDARY	73.452	73.209	73.169	72.874	72.832	72.693	72.730	72.733	72.724	72.717
DES BOUNDARY	73.452	73.316	73.277	73.138	73.095	72.946	72.908	72.863	72.846	72.833
INVERT OF KERB LEVEL(EXISTING)	73.235	73.057	73.019	72.879	72.837	72.685	72.65	72.597	72.579	72.566
INVERT OF KERB CHAINAGE	0.000	5.000	5.994	9.187	10.000	12.934	13.626	14.443	14.753	15.000

EX BOUNDARY	72.707	72.699	72.689	72.537	72.357	72.334	72.161	72.031	71.886	71.802
DES BOUNDARY	72.817	72.806	72.794	72.618	72.391	72.375	72.218	72.111	72.032	71.981
INVERT OF KERB LEVEL(EXISTING)	72.552	72.542	72.533	72.357	72.158	72.135	71.939	71.829	71.737	71.684
INVERT OF KERB CHAINAGE	15.288	15.517	15.806	20.000	25.000	25.575	30.000	32.497	35.000	36.437

EX BOUNDARY	71.717	71.633	71.621	71.494	71.389	71.351	71.272	71.251	71.227	71.210
DES BOUNDARY	71.883	71.765	71.754	71.661	71.600	71.574	71.514	71.476	71.433	71.392
INVERT OF KERB LEVEL(EXISTING)	71.586	71.464	71.453	71.358	71.295	71.268	71.211	71.182	71.148	71.098
INVERT OF KERB CHAINAGE	40.000	44.403	45.000	50.000	53.361	55.000	58.518	60.000	61.718	63.313

EX BOUNDARY	71.199	71.187	71.179	71.162	71.143	71.118	71.100	71.095	71.092	71.091
DES BOUNDARY	71.366	71.339	71.321	71.281	71.238	71.121	71.017	70.989	70.969	70.965
INVERT OF KERB LEVEL(EXISTING)	71.072	71.045	71.027	71	70.978	70.943	70.915	70.908	70.903	70.902
INVERT OF KERB CHAINAGE	64.148	65.000	65.572	66.573	67.523	68.835	69.750	70.000	70.176	70.211

EX BOUNDARY	71.074	71.065	71.057	71.049	71.040	71.031	71.022	70.968	70.852	70.850
DES BOUNDARY	70.925	70.919	70.914	70.909	70.903	70.898	70.894	70.881	70.831	70.829
INVERT OF KERB LEVEL(EXISTING)	70.895	70.89	70.885	70.878	70.87	70.863	70.859	70.842	70.78	70.78
INVERT OF KERB CHAINAGE	71.148	71.605	72.006	72.463	72.925	73.325	73.664	75.000	79.889	80.000

EX BOUNDARY	70.746	70.717	70.785	70.817	70.825	70.746	70.688
DES BOUNDARY	70.746	70.719	70.779	70.812	70.830	70.823	70.814
INVERT OF KERB LEVEL(EXISTING)	70.776	70.773	70.754	70.747	70.744	70.741	70.702
INVERT OF KERB CHAINAGE	85.000	87.502	90.000	90.848	95.000	97.729	100.000

ROAD 1 KERB INVERT PROFILE

SCALE 1:200 HORIZ.
SCALE 1:50 VERT.

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
A	13/02/2024	ISSUE FOR DA	DG	JGC	AS	PGD

SCALE: H 1:200 | V 1:40 (A1)

1:200 4.0m 2.0 0 4.0 8.0 12.0m

1:40 20mm 10 0 20 40 60mm

DRAWING DIMENSIONS IN METRES UNLESS NOTED OTHERWISE

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PROJECT: **CAMPBELLTOWN CATHOLIC CLUB**
INDEPENDENT LIVING

TITLE: PUBLIC DOMAIN LONGITUDINAL SECTIONS

PROJECT No.: 23048 DRG No.: DA09 REV: A

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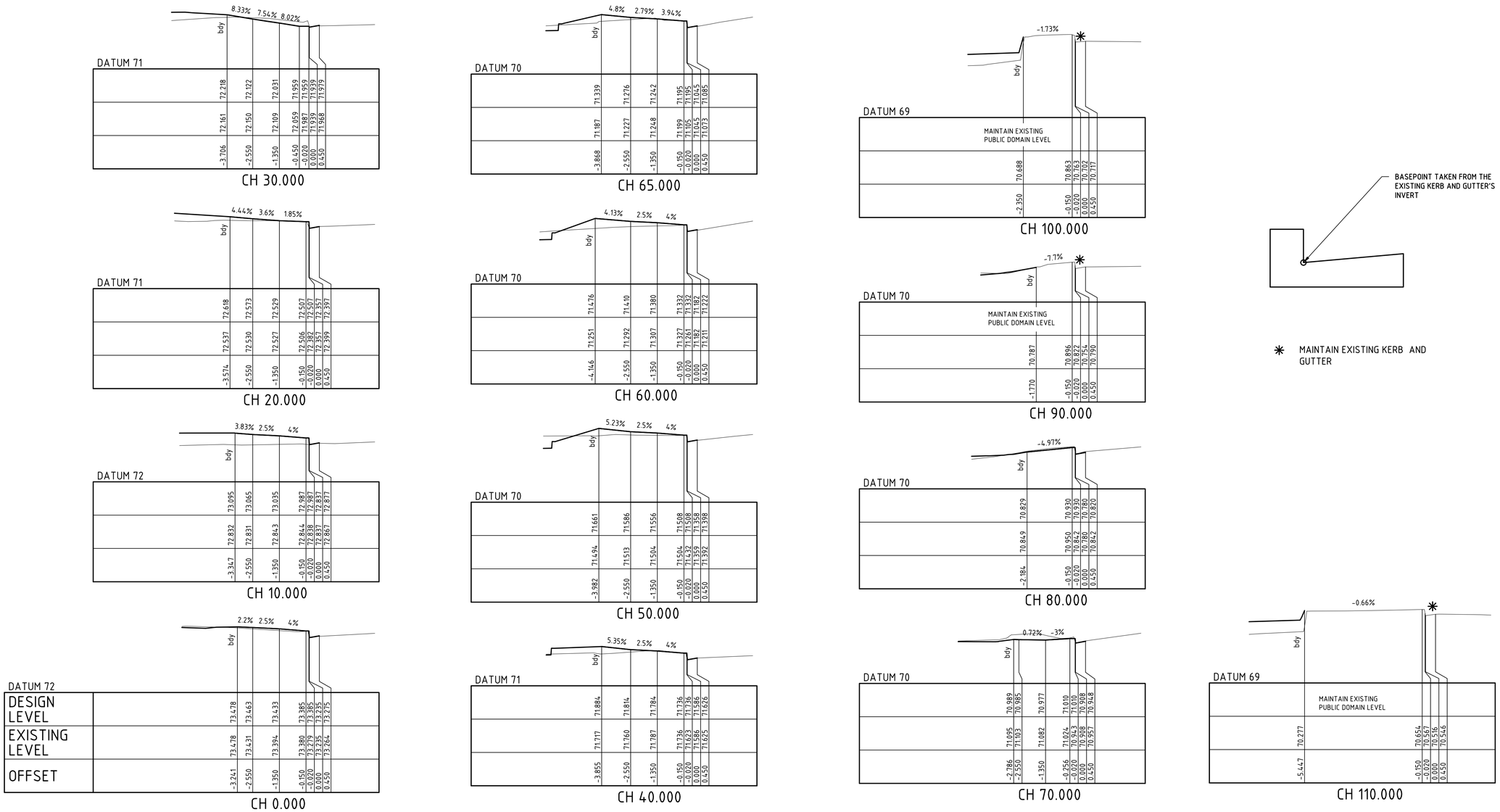

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
A	13/02/2024	ISSUE FOR DA	DG	JGC	AS	PGD

SCALE:

H 1:100 | V 1:200 (A1)

1:100 — 2.0m 1.0 0 2.0 4.0 6.0m

1:200 — 4.0m 2.0 0 4.0 8.0 12.0m

DRAWING DIMENSIONS IN METRES UNLESS NOTED OTHERWISE

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PROJECT: **CAMPBELLTOWN CATHOLIC CLUB**
INDEPENDENT LIVING

TITLE: PUBLIC DOMAIN CROSS SECTIONS
OLD MENANGLE ROAD

PROJECT No.: 23048 | DRG No.: DA10 | REV: A

Wednesday, 20 March 2019 1:02:14 PM C:\USERS\JOHNCLARK\DIVERSI CONSULTING\AP - D DRIVE\3. PROJECTS\2022\23048 - CAMPBELLTOWN CATHOLIC CLUB\5.DRAW\23048-DA11

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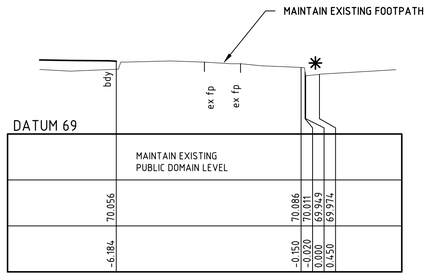

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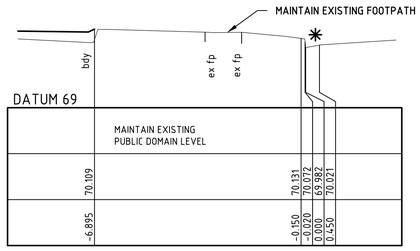

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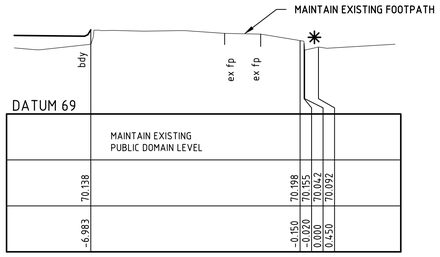

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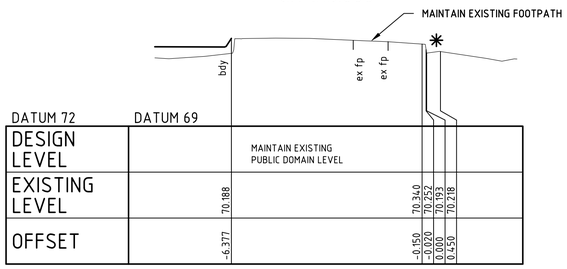

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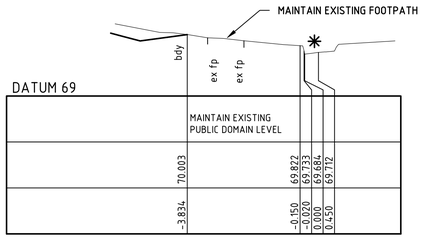
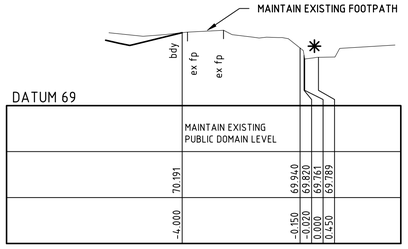


CH 170.000



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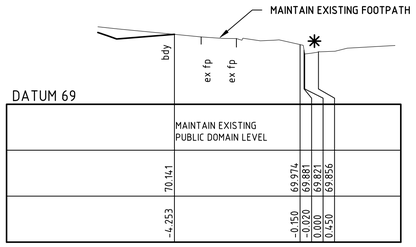

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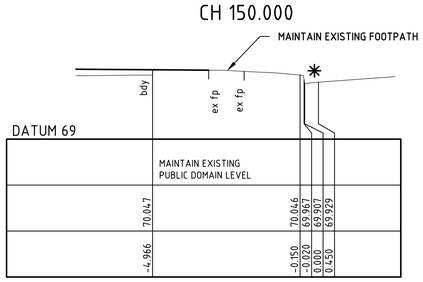

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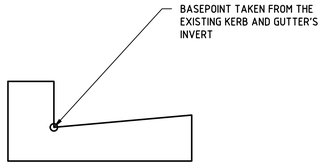

✳ MAINTAIN EXISTING KERB AND GUTTER

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
A	13/02/2024	ISSUE FOR DA	DG	JGC	AS	PGD

SCALE:

H 1:100 | V 1:200 (A1)

1:100 — 2.0m 1.0 0 2.0 4.0 6.0m

1:200 — 4.0m 2.0 0 4.0 8.0 12.0m

DRAWING DIMENSIONS IN METRES UNLESS NOTED OTHERWISE

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PROJECT: **CAMPBELLTOWN CATHOLIC CLUB**
INDEPENDENT LIVING

TITLE: PUBLIC DOMAIN CROSS SECTIONS
CAMDEN ROAD

PROJECT No.:	DRG No.:	REV:
23048	DA11	A

A1

LEGEND:

- EXISTING BOUNDARY
- EXTENT OF WORK
- PROPOSED STORMWATER PIT AND PIPE
- E-2 STORMWATER PIT TAG (LINE & PIT No.)
- 70.4 PROPOSED CONTOUR (0.2m INTERVAL)
- 70.6 EXISTING CONTOUR (0.2m INTERVAL)
- PROPOSED RETAINING WALL
- CATCHMENT BOUNDARY
- SW COUNCIL ASSETS EXISTING STORMWATER
- OVERLAND FLOW ARROW

CATCHMENT AREAS:

- CATCHMENT TO OSD1 (676m²)
- CATCHMENT TO OSD2 (624m²)
- ROOF CATCHMENT (3074m²)
- BYPASS CATCHMENT (609m²)

EXISTING CAR PARK

EXISTING DRIVEWAY

EXISTING BUILDING

GARDEN

PAVED PATH

PROPOSED BUILDING (BY OTHERS)

DRIVEWAY

HERITAGE BUILDING

OSD1

OSD2

CAMDEN ROAD

OLD MENANGLE ROAD

EXTERNAL CATCHMENT REFER DA13

61m² 130m² 55m² 105m² 50m² 45m² 30m² 159m² 154m² 79m² 415m² 2706m² 209m² 227m² 113m² 122m² 66m²

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
A	13/02/2024	ISSUE FOR DA	DG	JGC	AS	PGD

SCALE: 1:200 (A1) | 1:400 (A3)

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PROJECT: **CAMPBELLTOWN CATHOLIC CLUB**
INDEPENDENT LIVING

TITLE: STORMWATER CATCHMENT PLAN INTERNAL

PROJECT No.: 23048 | DRG No.: DA12 | REV: A

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A1

'CAMPBELLTOWN CATHOLIC CLUB'

EXISTING CAR PARK

EXISTING DRIVEWAY

NARELLAN ROAD

'RYDGES CAMPBELLTOWN'

EXISTING BUILDING

INTERNAL CATCHMENT (REFER DA12)

HERITAGE BUILDING

CAMDEN ROAD

1003
DP873452

1
DP570878

OLD MENANGLE ROAD

1-6

1-5

1-4

278m²

343m²

13741m²

CAMPBELLTOWN ARTS CENTRE

10
DP1134526

GALLERY ROAD

500
DP777387

B
DP157318

1
DP1038779

2
DP259807

3
DP259807

ART STREET

OXLEY

LEGEND:

- EXISTING BOUNDARY
- EXTENT OF WORK
- PROPOSED KERB INLET PIT AND PIPE
- E-6 STORMWATER PIT TAG (LINE & PIT No.)
- 70.4 PROPOSED CONTOUR (0.2m INTERVAL)
- 70.6 EXISTING CONTOUR (0.2m INTERVAL)
- PROPOSED RETAINING WALL
- CATCHMENT BOUNDARY
- SW COUNCIL ASSETS EXISTING STORMWATER
- OVERLAND FLOW ARROW

CATCHMENT AREAS:

- EXTERNAL CATCHMENT (14361m²)
- INTERNAL CATCHMENT REFER TO DA12

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
A	13/02/2024	ISSUE FOR DA	DG	JGC	AS	PGD

SCALE:
1:500 (A1) | 1:1000 (A3)
10.0m 5.0 0 10.0 20.0 30.0m
1:500

DRAWING DIMENSIONS IN METRES UNLESS NOTED OTHERWISE

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PROJECT:
CAMPBELLTOWN CATHOLIC CLUB
INDEPENDENT LIVING

TITLE:
STORMWATER CATCHMENT PLAN
EXTERNAL

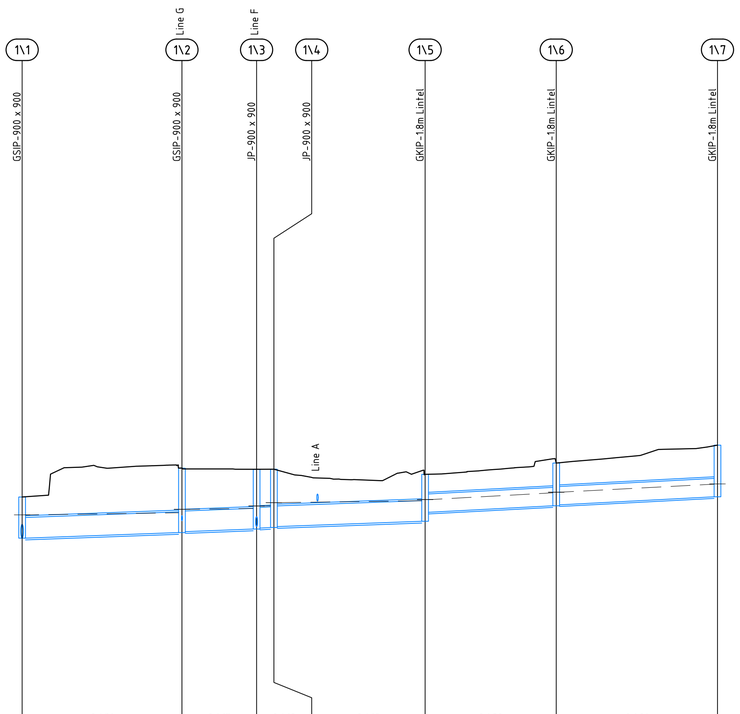
PROJECT No.: 23048 | DRG No.: DA13 | REV.: A

Wednesday, 20 March 2019 1:02:14 PM C:\USERS\JOHNCLARK\DIVERSI CONSULTING\AP - O DRIVE\3_PROJECTS\2023\23048 - CAMPBELLTOWN CATHOLIC CLUB\5.DRAW\23048-DA13

A1

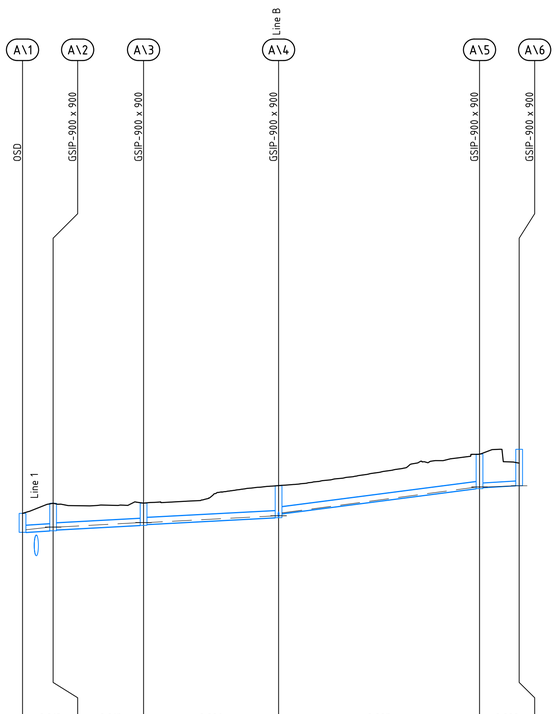
ANNOTATIONS:

GKIP - 1.8m Lintel	: DENOTES -	*GRATED KERB INLET PIT (WITH 1.8m LINTEL)* : REFER TO CCC STD. DWG. SD12
GSIP - 900 x 900	: DENOTES -	*GRATED INLET PIT* : REFER TO CCC STD. DWG. SD13
GSIP - 900 x 600	: DENOTES -	*GRATED INLET PIT* : REFER TO CCC STD. DWG. SD13
JP - 900 x 900	: DENOTES -	*JUNCTION PIT* : REFER TO CCC STD. DWG. SD14
Discharge Control Pit	: DENOTES -	DISCHARGE CONTROL PIT : REFER TO DETAILS



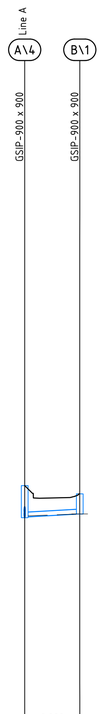
	1\1	1\2	1\3	1\4	1\5	1\6	1\7
Flow (cu.m/s)	0.431	0.417	0.419	0.419	0.420	0.401	
Velocity (m/s)	1.230	1.170	1.170	1.170	2.030	1.940	
Pipe Size & Class	Φ675RRJ3	Φ675RRJ3	Φ675RRJ3	Φ675RRJ3	Φ600RRJ3	Φ600RRJ3	
Grade (%)	0.7%	0.7%	0.7%	0.7%	1%	1%	
Minimum Cover	0.62	1.22	1.17	0.64	0.58	0.72	
Datum R.L	55.00						
DEPTH TO INVERT	1.344	2.100	1.951	1.921	1.903	1.873	1.532	1.240	1.394	1.364	1.686
H.G.L. LEVELS	69.468	69.538	69.68	69.757	69.764	69.869	69.93	69.966	70.189	70.209	70.472
INVERT R.L.	68.710	68.893	69.008	69.038	69.058	69.336	69.260	69.553	69.767	69.797	70.060
SURFACE R.L.	70.054	70.993	70.959		70.961	70.793	71.161	71.746
PIPE CHAINAGE	0.000	26.091	38.274	41.102	65.785	87.188	113.511

LINE 1
(10% AEP)



	A\1	A\2	A\3	A\4	A\5	A\6
Flow (cu.m/s)	0.018	0.013	0.006	0.003	0.000	
Velocity (m/s)	1.290	0.860	0.680	1.130	0.000	
Pipe Size & Class	Φ225uPVC	Φ225uPVC	Φ225uPVC	Φ225uPVC	Φ150uPVC	
Grade (%)	1%	1%	1%	2.5%	1%	
Minimum Cover	0.41	0.44	0.45	0.65	0.60	
Datum R.L	56.00					
DEPTH TO INVERT	0.618	0.618	0.898	0.868	0.725	0.695	1.048	0.918	1.127	1.097	1.188
H.G.L. LEVELS	69.984	69.984	70.069	70.069	70.218	70.218	70.438	70.535	71.376	71.376	71.421
INVERT R.L.	69.900	69.966	69.950	69.980	70.128	70.158	70.378	70.507	71.327	71.357	71.421
SURFACE R.L.	70.518	70.848	70.853	71.426	72.454	72.158
PIPE CHAINAGE	0.000	2.252	4.999	19.761	41.800	74.602	81.073

LINE A
(10% AEP)



	A\4	B\1
Flow (cu.m/s)	0.000	
Velocity (m/s)	0.000	
Pipe Size & Class	Φ150uPVC	
Grade (%)	1%	
Minimum Cover	0.39	
Datum R.L	56.00	
DEPTH TO INVERT	1.048	1.018	0.658
H.G.L. LEVELS	70.438	70.438	70.498
INVERT R.L.	70.378	70.408	70.498
SURFACE R.L.	71.426	71.156
PIPE CHAINAGE	0.000	8.987

LINE B
(10% AEP)

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
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SCALE:
H 1:500 | V 1:100 (A1)
2.0m 1.0 0 2.0 4.0 6.0m
1:100
10.0m 5.0 0 10.0 20.0 30.0m
1:500
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PROJECT:
CAMPBELLTOWN CATHOLIC CLUB
INDEPENDENT LIVING

TITLE:
STORMWATER LONGITUDINAL SECTIONS
SHEET 1 OF 2

PROJECT No.: 23048 | DRG No.: DA14 | REV.: A

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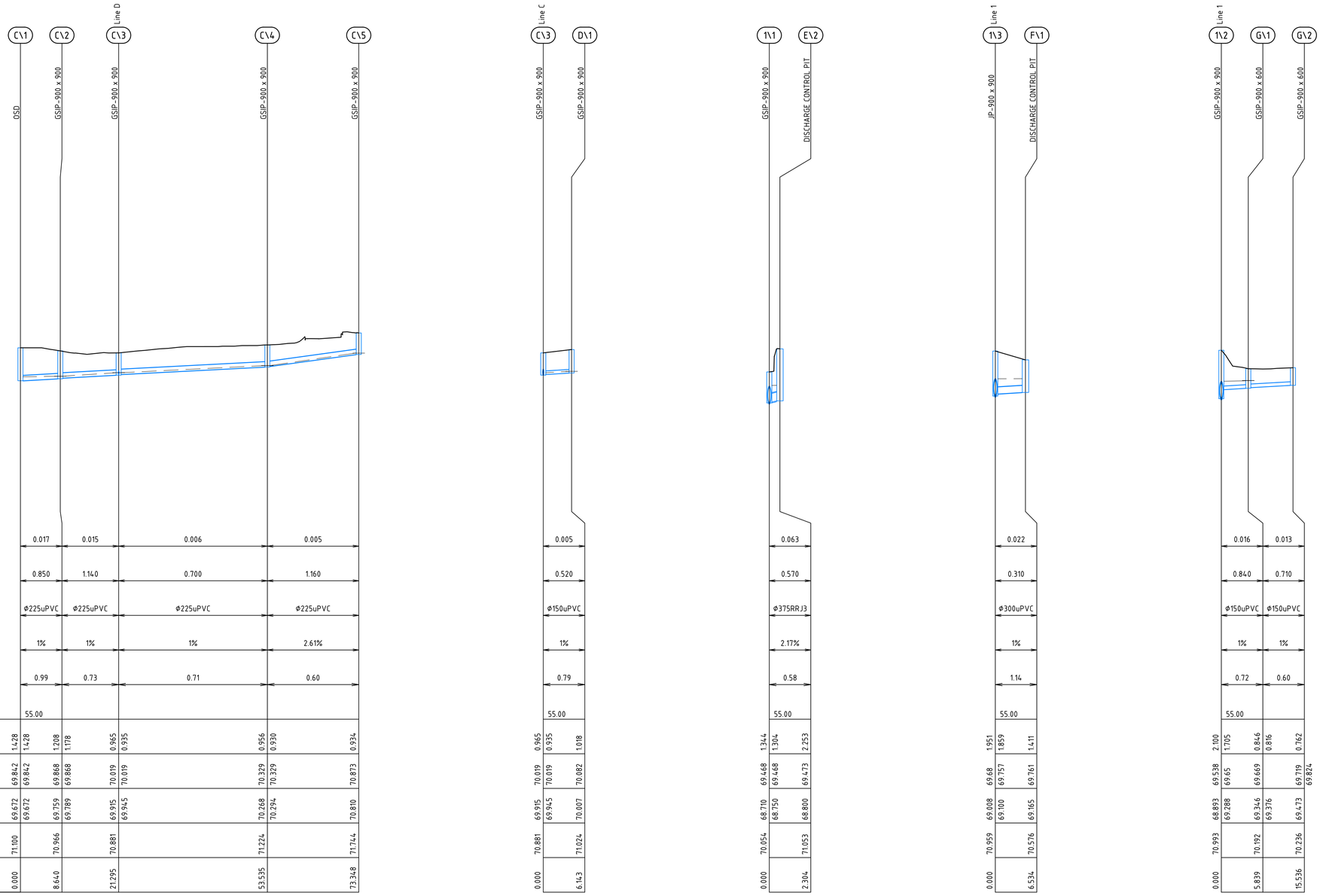
A1

ANNOTATIONS:

GKIP - 1.8m Lintel	: DENOTES - *GRATED KERB INLET PIT (WITH 1.8m LINTEL)* : REFER TO CCC STD. DWG. SD12
GSIP - 900 x 900	: DENOTES - *GRATED INLET PIT* : REFER TO CCC STD. DWG. SD13
GSIP - 900 x 600	: DENOTES - *GRATED INLET PIT* : REFER TO CCC STD. DWG. SD13
JP - 900 x 900	: DENOTES - *JUNCTION PIT* : REFER TO CCC STD. DWG. SD14
Discharge Control Pit	: DENOTES - DISCHARGE CONTROL PIT : REFER TO DETAILS



LINE C (10% AEP)

Flow (cu.m/s)	0.017	0.015	0.006	0.005
Velocity (m/s)	0.850	1.140	0.700	1.160
Pipe Size & Class	Φ225uPVC	Φ225uPVC	Φ225uPVC	Φ225uPVC
Grade (%)	1%	1%	1%	2.61%
Minimum Cover	0.99	0.73	0.71	0.60
Datum R.L	55.00			

DEPTH TO INVERT	1.428	1.428	1.208	1.178	0.965	0.935	0.956	0.930	0.934
H.G.L. LEVELS	69.842	69.842	69.868	69.868	70.019	70.019	70.329	70.329	70.873
INVERT R.L.	69.672	69.672	69.759	69.789	69.915	69.945	70.268	70.294	70.810
SURFACE R.L.	71.100		70.966		70.881		71.224		71.744
PIPE CHAINAGE	0.000		8.640		21.295		53.535		73.348

LINE D (10% AEP)

Flow (cu.m/s)	0.005	
Velocity (m/s)	0.520	
Pipe Size & Class	Φ150uPVC	
Grade (%)	1%	
Minimum Cover	0.79	
Datum R.L	55.00	

DEPTH TO INVERT	0.965	0.935	1.018
H.G.L. LEVELS	70.019	70.019	70.082
INVERT R.L.	69.915	69.945	70.007
SURFACE R.L.	70.881		71.024
PIPE CHAINAGE	0.000		6.143

LINE E (10% AEP)

Flow (cu.m/s)	0.063	
Velocity (m/s)	0.570	
Pipe Size & Class	Φ375RRJ3	
Grade (%)	2.17%	
Minimum Cover	0.58	
Datum R.L	55.00	

DEPTH TO INVERT	1.344	1.304	2.253
H.G.L. LEVELS	69.468	69.468	69.473
INVERT R.L.	68.710	68.750	68.800
SURFACE R.L.	70.054		71.053
PIPE CHAINAGE	0.000		2.304

LINE F (10% AEP)

Flow (cu.m/s)	0.022	
Velocity (m/s)	0.310	
Pipe Size & Class	Φ300uPVC	
Grade (%)	1%	
Minimum Cover	1.14	
Datum R.L	55.00	

DEPTH TO INVERT	1.951	1.859	1.411
H.G.L. LEVELS	69.68	69.757	69.761
INVERT R.L.	69.008	69.100	69.165
SURFACE R.L.	70.959		70.576
PIPE CHAINAGE	0.000		6.534

LINE G (10% AEP)

Flow (cu.m/s)	0.016	0.013	
Velocity (m/s)	0.840	0.710	
Pipe Size & Class	Φ150uPVC	Φ150uPVC	
Grade (%)	1%	1%	
Minimum Cover	0.72	0.60	
Datum R.L	55.00		

DEPTH TO INVERT	2.100	1.705	0.846	0.762
H.G.L. LEVELS	69.538	69.65	69.669	69.719
INVERT R.L.	68.893	69.288	69.346	69.376
SURFACE R.L.	70.993		70.192	70.236
PIPE CHAINAGE	0.000		5.839	15.536

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
A	13/02/2024	ISSUE FOR DA	DG	JGC	AS	PGD

SCALE:
H 1:500 | V 1:100 (A1)
1:100 2.0m 1.0 0 2.0 4.0 6.0m
1:500 10.0m 5.0 0 10.0 20.0 30.0m
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PROJECT:
CAMPBELLTOWN CATHOLIC CLUB
INDEPENDENT LIVING

TITLE:
STORMWATER LONGITUDINAL SECTIONS
SHEET 2 OF 2

PROJECT No.: 23048 | DRG No.: DA15 | REV: A

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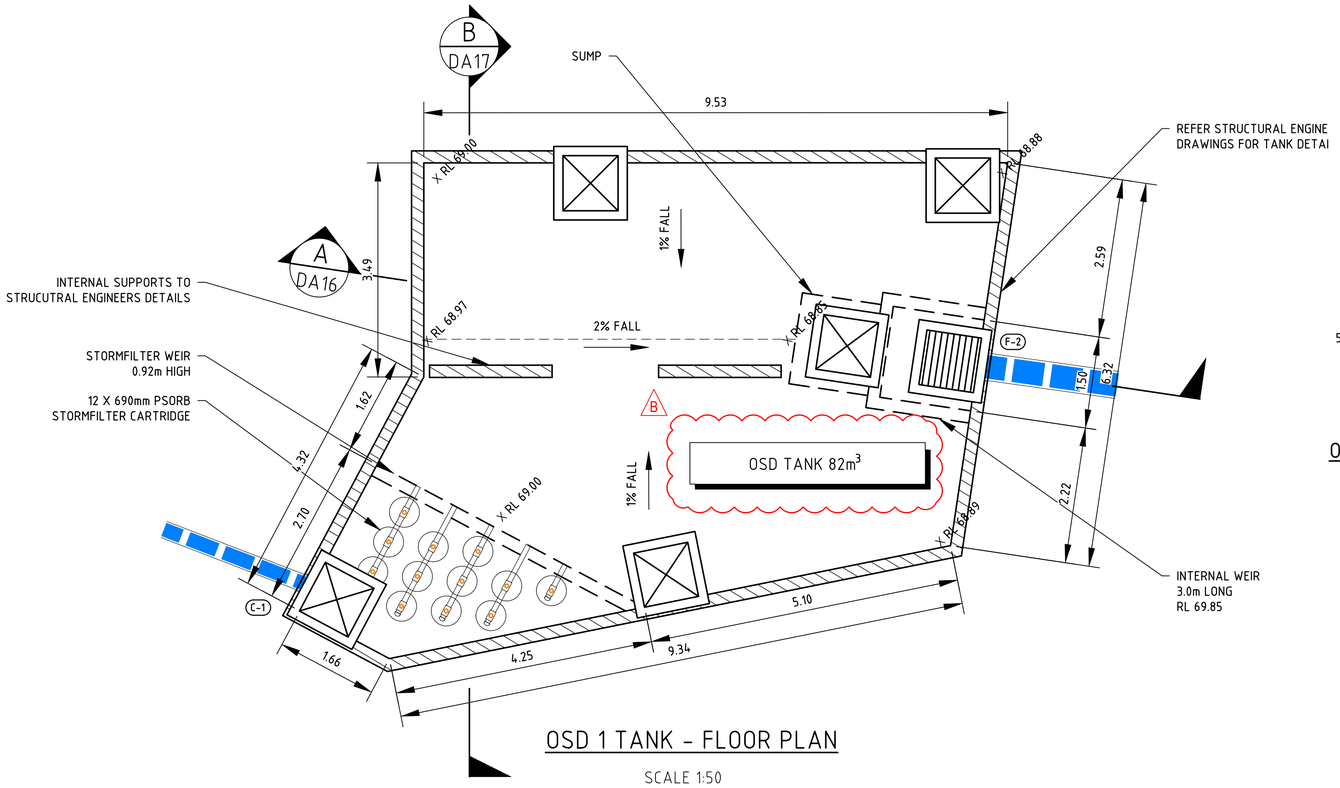
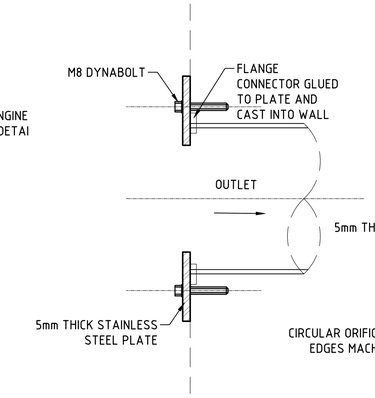
A1



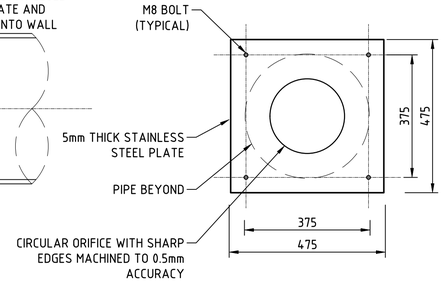
OSD 1 TANK - FLOOR PLAN

SCALE 1:50



ORIFICE PLATE ATTACHMENT DETAIL

NOT TO SCALE



ORIFICE PLATE TYPICAL DETAIL

NOT TO SCALE

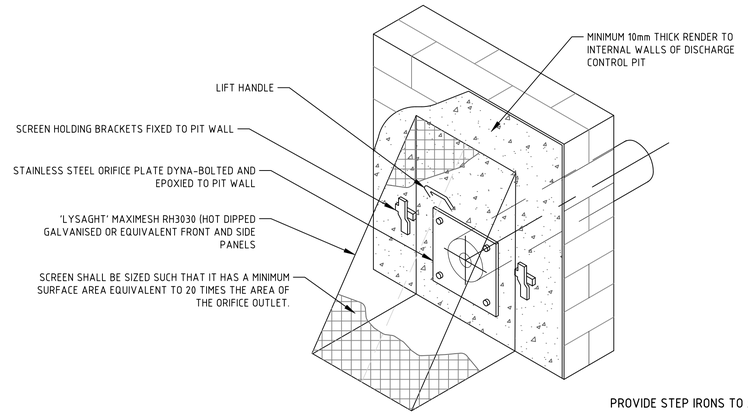
LEGEND

PROPOSED STORMWATER PIT AND PIPE

A-3 STORMWATER PIT ID

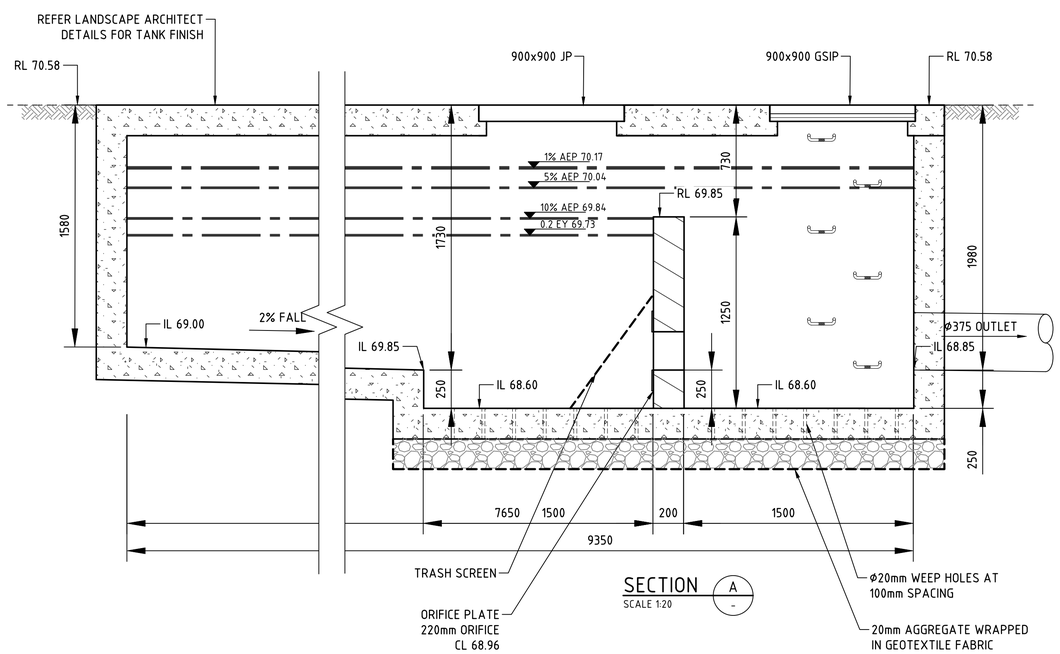
NOTES:

1. STORMWATER LAYOUT AND SIZING SUBJECT TO DETAILED DESIGN.
2. OSD TANK BE DETAILED BY STRUCTURAL ENGINEER AT DETAILED DESIGN.
3. LOCATION AND DEPTH OF EXISTING SERVICES TO BE DETERMINED ONSITE.



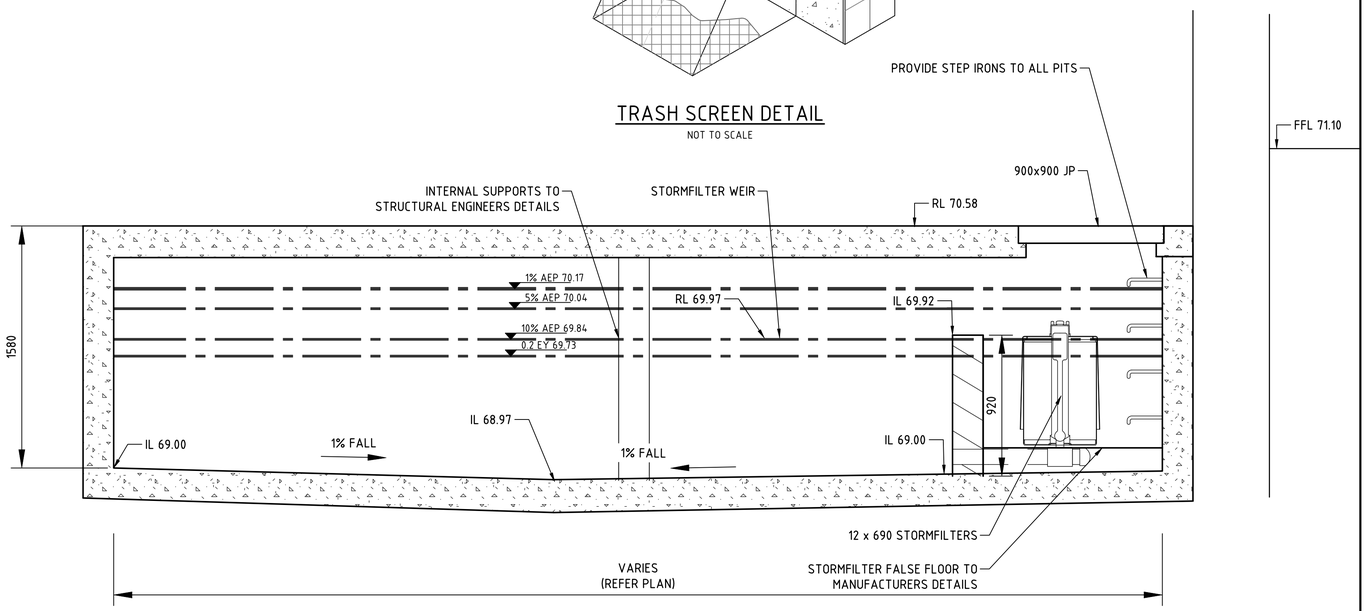
TRASH SCREEN DETAIL

NOT TO SCALE



SECTION A

SCALE 1:20



SECTION B

SCALE 1:20

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
B	16/07/2024	OSD VOLUME UPDATED	JGC	JGC	PGD	PGD
A	13/02/2024	ISSUE FOR DA	DG	JGC	AS	PGD

SCALE:

1:50 (A1) | 1:100 (A3)

DRAWING DIMENSIONS IN METRES UNLESS NOTED OTHERWISE

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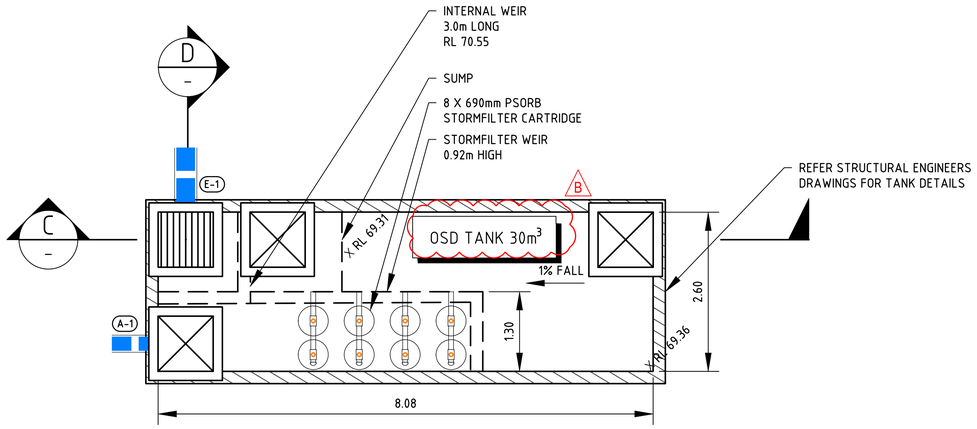
PROJECT: **CAMPBELLTOWN CATHOLIC CLUB**
INDEPENDENT LIVING

TITLE: OSD 1 PLAN AND SECTIONS

PROJECT No.:	DRG No.:	REV:
23048	DA16	B

A1



OSD 2 TANK - FLOOR PLAN

SCALE 1:50

INSTALL CONFINED SPACE SIGN AT ALL ACCESS POINTS TO THE OSD TANK.

COLOURS:
DANGER AND BACKGROUND = WHITE
ELLIPTICAL AREA = RED
RECTANGLE CONTAINING ELLIPSE = BLACK
OTHER LETTERING AND BORDER = BLACK

CONFINED SPACE SIGNAGE DETAIL

SCALE 1:5

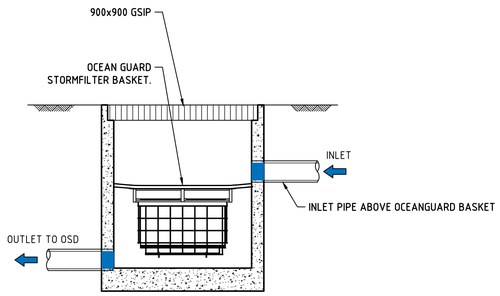
LEGEND

PROPOSED STORMWATER PIT AND PIPE

A-3 STORMWATER PIT ID

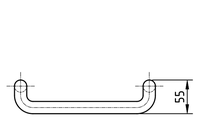
NOTES:

1. STORMWATER LAYOUT AND SIZING SUBJECT TO DETAILED DESIGN.
2. OSD TANK BE DETAILED BY STRUCTURAL ENGINEER AT DETAILED DESIGN.
3. LOCATION AND DEPTH OF EXISTING SERVICES TO BE DETERMINED ONSITE.



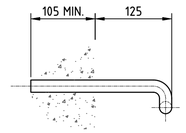
OCEANGUARD DETAIL

SCALE 1:20



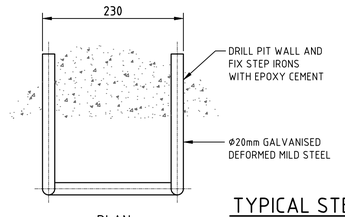
FRONT ELEVATION

SCALE 1:5



SIDE ELEVATION

SCALE 1:5

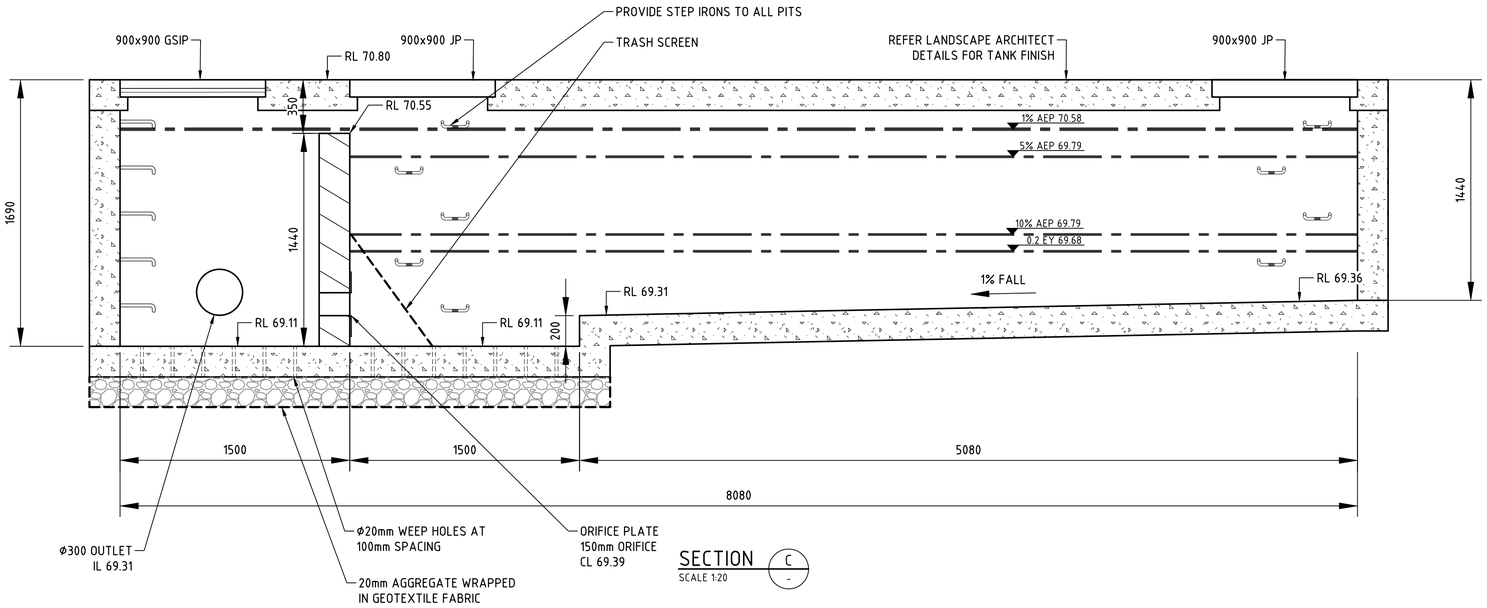


PLAN

SCALE 1:5

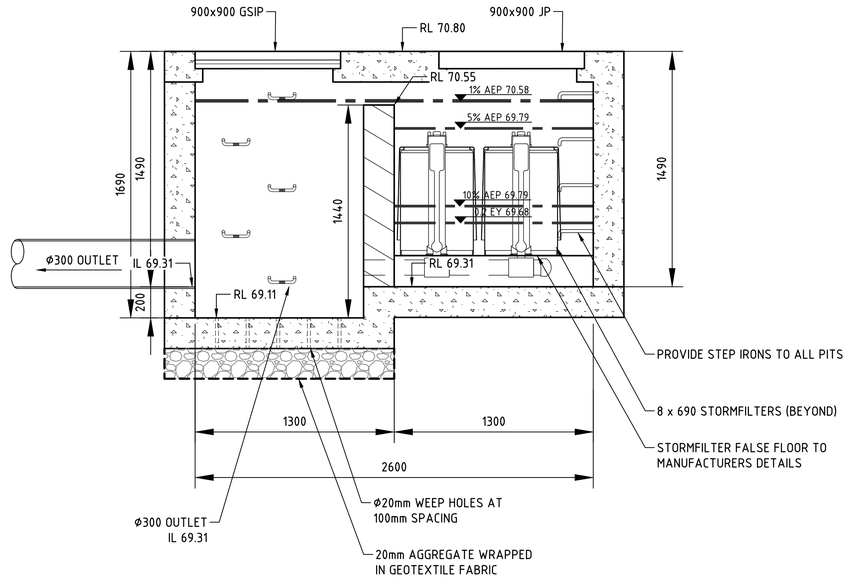
TYPICAL STEP IRON DETAIL

SCALE 1:5



SECTION C

SCALE 1:20



SECTION D

SCALE 1:20

REV	DATE	AMENDMENT / DESCRIPTION	DRN	DES	CHK	APP
B	16/07/2024	OSD VOLUME UPDATED	JGC	JGC	PGD	PGD
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W www.diversi.com.au

PROJECT:
CAMPBELLTOWN CATHOLIC CLUB
INDEPENDENT LIVING

TITLE:
OSD 2 PLAN AND SECTIONS

PROJECT No.: 23048 | DRG No.: DA17 | REV.: B

Wednesday, 20 March 2019 1:02:14 PM C:\USERS\JOHNCLARK\DIVERSI CONSULTING\DAP - O:\DRIVE3_PROJECTS\2023\23048 - CAMPBELLTOWN CATHOLIC CLUB\S\DRAW\23048-DA17