Date generated:15/09/2021 11:42:56 AM C:\REVIT_LOCAL\2016056-JT-SHT-AR-_-17_2021-DA_srodic535U6.rvt

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## AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |

## LEGEND

- ANGLICARE SITE
- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- BUILDINGS TO BE DEMOLISHED - AREA OF GFA TO BE DEMOLISHED APPROX = 3,498 m2 (TBC BY ON SITE SURVEY)
- TREES TO BE REMOVED AS PER ABORIST'S DOCUMENTATION
- TREES TO BE RETAINED AS PER ABORIST'S DOCUMENTATION
- ROAD TO BE DEMOLISHED
- BUILDINGS TO BE RETAINED

## NOTES

- REFER TO CIVIL DOCUMENTS FOR BULK EXCAVATION
- REFER TO ARBORIST REPORT FOR DETAILED INFORMATION RELATING TO RETENTION AND DEMOLITION OF SITE TREES.

0 10 20

SCALE 1:500

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# DA ISSUE

APPROVED BY: CA

CHECKED BY: TW

**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
EXISTING & DEMOLITION PLAN WEST

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 500 | JX |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-020 | 1 |

**PROJECT**
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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## AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |

## LEGEND

- ANGLICARE SITE
- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- BUILDINGS TO BE DEMOLISHED - AREA OF GFA TO BE DEMOLISHED APPROX = 3,498 m2 (TBC BY ON SITE SURVEY)
- TREES TO BE REMOVED AS PER ABORIST'S DOCUMENTATION
- TREES TO BE RETAINED AS PER ABORIST'S DOCUMENTATION
- ROAD TO BE DEMOLISHED
- BUILDINGS TO BE RETAINED

## NOTES

- REFER TO CIVIL DOCUMENTS FOR BULK EXCAVATION
- REFER TO ARBORIST REPORT FOR DETAILED INFORMATION RELATING TO RETENTION AND DEMOLITION OF SITE TREES.

0 10 20

SCALE 1:500

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**DA ISSUE**

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**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
EXISTING & DEMOLITION PLAN EAST

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 01/23/20 | 1 : 500 | ZE |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-021 | 1 |

**PROJECT**
201656 WESTERN ROAD

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T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
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ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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## AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

## LEGEND

- ANGLICARE SITE
- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- DEPTH LIMIT CONTRL LINE (SYDNEY METRO TRAINLINE BELOW)
- PROPOSED BUILDINGS
- BUILDINGS TO BE RETAINED
- ROAD NETWORK
- (#) NUMBER OF STOREYS
- SITE ENTRY POINTS
- OSD TANKS (REFER TO CIVIL DRAWINGS)

## AREAS OF LOTS WHERE DEVELOPMENT OCCURS

| PART | LOT/DP | AREAS |
|---|---|---|
| A | 1/177433 (part) | 70998.9 m² |
| B | 3/1047222 | 1408.8 m² |
| C | 100/1101146 | 2052.1 m² |
| D | 10/135926 | 3199.1 m² |
| E | 1/654242 | 20907.5 m² |
| F | B/410898 (part) | 9106.3 m² |
| G | 2005/1088072 (part) | 171390.0 m² |

## NOTES:

- ALL EXISTING LOT AREAS (GFAs) ARE BASED ON SURVEY INFORMATION BY LOCKLEY SURVEYING, CURRENT AT THE DATE OF DRAWING PREPARATION.

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

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**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
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**DRAWING**
SITE PLAN

Anglicare

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 1500 | DL |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-030 | 2 |

**PROJECT**
201656 WESTERN ROAD

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E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
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| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

## BUS STOP DISTANCE

| BUILDING # | DISTANCE (m) | BUILDING # | DISTANCE (m) |
|---|---|---|---|
| B8 | 58 | 21B | 94 |
| B9A | 117 | 22A | 51 |
| B9B | 41 | 22B | 48 |
| B19 | 118 | 23A | 77 |
| | | 23B | 65 |
| | | 25A | 48 |
| | | 25B | 58 |
| | | 26A | 94 |
| | | 26B | 116 |
| | | 27A | 138 |
| | | 27B | 153 |
| | | 28A | 60 |
| | | 28B | 74 |

## LEGEND

- ANGLICARE SITE
- LOT BOUNDARY LINES
- ACCESSIBLE PATH OF TRAVEL @ 1:20 MAX. UNLESS NOTED OTHERWISE AT RAMPS.
- ACCESSIBLE ENTRY
- PATH NOT ACCESSIBLE (I.E. > 1:14 SLOPE)
- EXISTING PATH OF TRAVEL
- BUS STOP
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE

## KEY PLAN

0 10 20

SCALE 1:500

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**ADDRESS**
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CASTLE HILL NSW 2154

**DRAWING**
SITE ACCESSIBILITY PLAN - BUILDINGS 8-28

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 01/09/20 | 1 : 500 | HD |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-035 | 2 |

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AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |

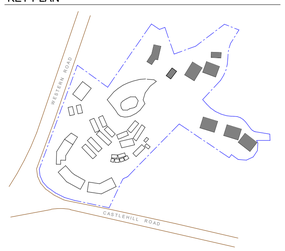
BUS STOP DISTANCE

| BUILDING # | DISTANCE (m) | BUILDING # | DISTANCE (m) |
|---|---|---|---|
| B8 | 58 | 21B | 94 |
| B9A | 117 | 22A | 51 |
| B9B | 41 | 22B | 48 |
| B19 | 118 | 23A | 77 |
| | | 23B | 65 |
| | | 25A | 48 |
| | | 25B | 58 |
| | | 26A | 94 |
| | | 26B | 116 |
| | | 27A | 138 |
| | | 27B | 153 |
| | | 28A | 60 |
| | | 28B | 74 |

LEGEND

- ANGLICARE SITE
- LOT BOUNDARY LINES
- ACCESSIBLE PATH OF TRAVEL @ 1:20 MAX. UNLESS NOTED OTHERWISE AT RAMPS.
- ACCESSIBLE ENTRY
- PATH NOT ACCESSIBLE (I.E. > 1:14 SLOPE)
- EXISTING PATH OF TRAVEL
- BUS STOP
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE

KEY PLAN

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SCALE 1:500

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ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
SITE ACCESSIBILITY PLAN - BUILDINGS 12, 19, 21-27

Anglicare

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 01/09/20 | 1 : 500 | HD |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-036 | 1 |

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T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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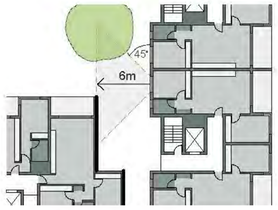
## EXCERPT FROM SEPP 65 APARTMENT DESIGN GUIDE - PART 3F - VISUAL PRIVACY - PAGE 64

### Blank wall conditions

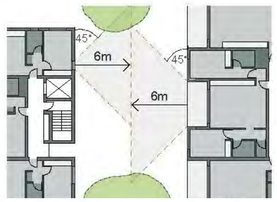
To habitable rooms



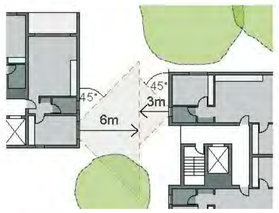

To non-habitable rooms

### Conditions within a development

Habitable to habitable rooms

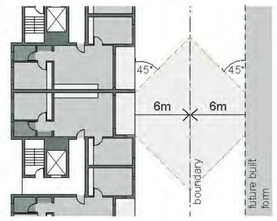



Habitable to non-habitable rooms

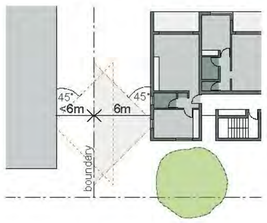



### Boundary conditions

Habitable to habitable rooms




Habitable to non-compliant existing

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AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

### LEGEND

- ANGLICARE SITE
- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE

ADDITIONAL PRIVACY MEASURES UNRELATED TO BUILDING SEPARATION

- P1 FIXED SCREEN (GROUND ONLY)
- P2 FIXED HORIZONTAL BATTEN SCREEN (LEVEL 01 ONLY)
- P3 FIXED VERTICAL BLADE SCREEN (VARIES - REFER TO ELEVATIONS)

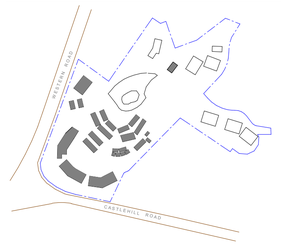
BUILDING SEPARATION KEY

- XX HABITABLE SPACE TO HABITABLE SPACE
- KERB CROSSOVER
- DRIVEWAY
- PRIVATE OPEN SPACE OVERLOOKING SITE

NOTE:

LEVEL 1 FLOOR PLANS OF PROPOSED DEVELOPMENT SHOWN

KEY PLAN



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CLIENT
ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
BUILDING SEPARATION AND VISUAL PRIVACY PLANS - BUILDINGS 8, 9A & 9B

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/26/18 | 1 : 500 | YH |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-050 | 2 |

PROJECT
201656 WESTERN ROAD

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Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

OLD NORTHERN ROAD
CLARKE DRIVE
COOK DRIVE
JAMES CRESCENT
WESTERN ROAD
MILNE COURT
CASTLE HILL ROAD
TOM THUMB LAGOON
ISLAND
RACF
SUBSTATION 01
B12
DEPTH LIMIT CONTROL [SYDNEY METRO TRAINLINE BELOW]
EXISTING MASONRY FENCE
NET FENCE
EXISTING FENCE

1 SITE PLAN
SCALE 1 : 500

Date generated:11/02/2022 4:25:35 PM

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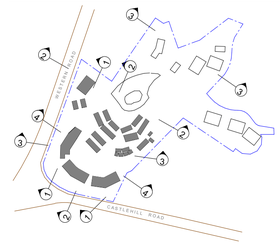
LEGEND

- ANGLICARE SITE
- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE

NOTES

GROUND FLOOR PLAN SHOWN IN BUILDINGS WITHIN EXTENTS OF DEVELOPMENT APPLICATION FOR CLARITY

KEY PLAN



0 10 20
SCALE 1:500

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

**DA ISSUE**

APPROVED BY: CA
CHECKED BY: TW

CLIENT
ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
SECTION CROSS REFERENCES - BUILDINGS 8/9A/9B/28B

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/01/19 | As indicated | SR |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-052 | 2 |

PROJECT
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
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T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
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## AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |

DRAWING CONTINUED DA-052

TREES UNAFFECTED BY THE PROPOSED WORKS AND NOT INCLUDED IN THE ARBORICULTURAL IMPACT ASSESSMENT REPORT

DONNINGTON CARPARK

B19

B12

B15

VILLA 21B

VILLA 22B

VILLA 23A

VILLA 23B

VILLA 22A

VILLA 26A

VILLA 26B

VILLA 25A

VILLA 25B

VILLA 27A

VILLA 27B

TOM THUMB LAGOON

OSD TANK BELOW

KIOSK SUBSTATION No.2

LOBER HOUSE

BRUGHTON AVE

LOBER DRIVE

BARKER DRIVE

WESTERN ROAD

10 Barker Dr 1 STOREY

8 Barker Dr 2 STOREY

1 Silvermist Cres

6 Barker Drive 1 STOREY

4 Barker Drive 1 STOREY

2

17 Western Rd 1 STOREY

15 Western Rd 1 STOREY

11 & 13 Western Rd 2 STOREY

1 & 3 Malvern Pl

THE GATEHOUSE

BLUE GUMS WAY

GASTLEHILL ROAD

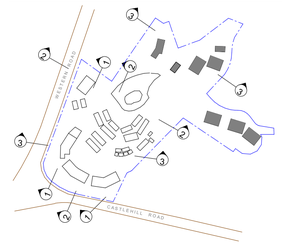
## LEGEND

- ANGLICARE SITE
- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE

## NOTES

GROUND FLOOR PLAN SHOWN IN BUILDINGS WITHIN EXTENTS OF DEVELOPMENT APPLICATION FOR CLARITY

## KEY PLAN



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## DA ISSUE

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**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
SECTION CROSS REFERENCES-
BUILDINGS 12, 19, 21-27

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/18/19 | As indicated | SR |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-053 | 1 |

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E sydney@jacksonteece.com
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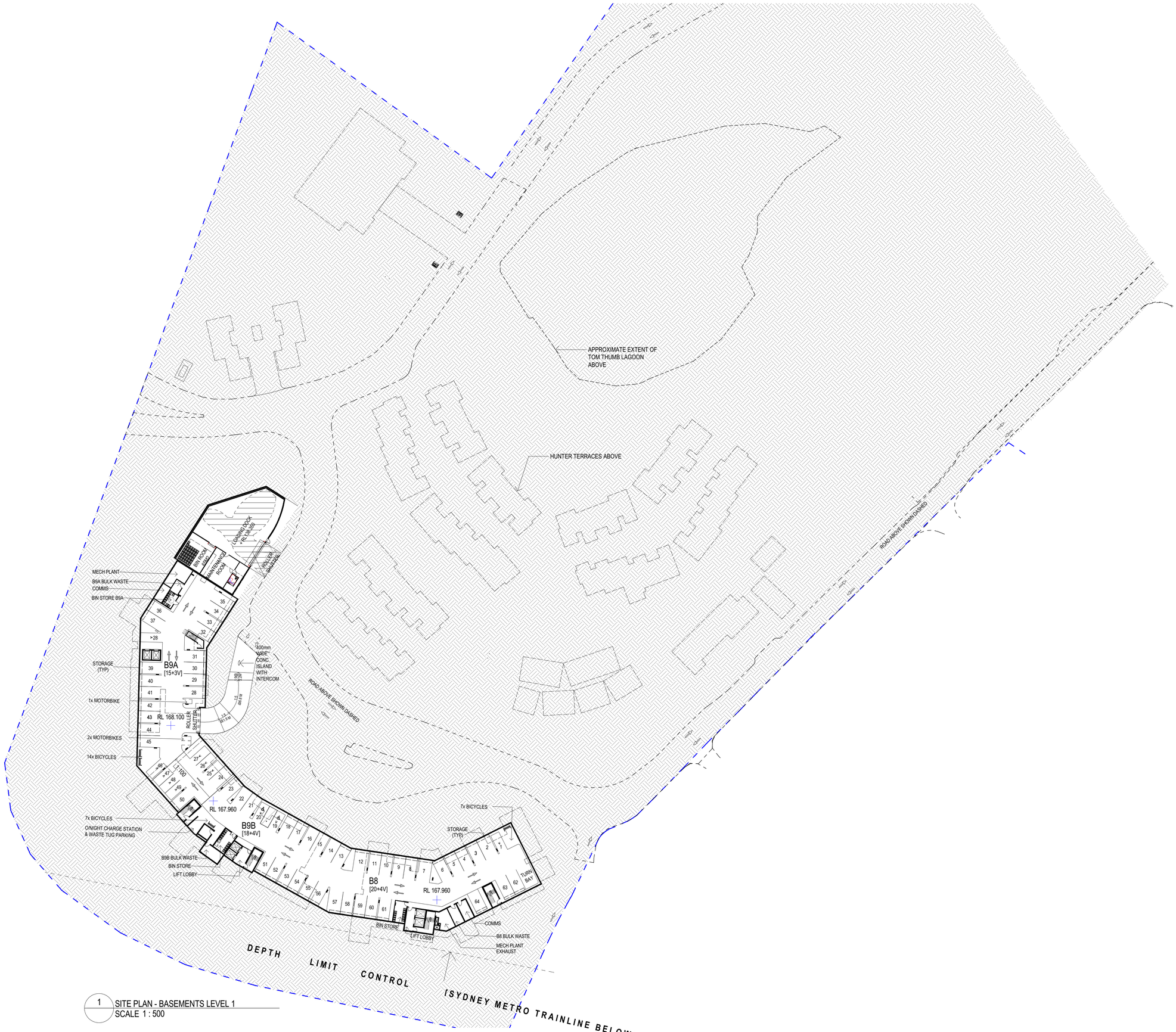
## AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |

## NOTES

DETAILED SITE INFORMATION SHOWN ON THIS DRAWING IS DIRECTLY SOURCED FROM SITE SURVEY DRAWING NO. 33880DT REV. U DATED 23 /09 /19 BY REGISTERED SURVEYOR (LTS LOCKLEY).



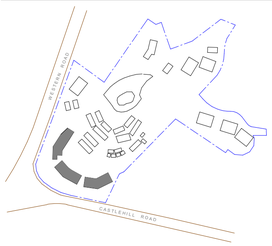

1 SITE PLAN - BASEMENTS LEVEL 1
SCALE 1 : 500

Date generated:16/09/2021 2:23:53 PM C:\Users\cyan\Documents\2016056-JT-SHT-AR-_-17_2021-DA_cyanXS75M.rvt

## LEGEND

- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- ROADWAY EXTENT ABOVE
- BUILDING OUTLINE ABOVE
- [ ] NUMBER IN BRACKETS - CAR COUNT FOR BUILDING

KEY PLAN




0 10 20
SCALE 1:500

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

**DA ISSUE**

APPROVED BY: CA
CHECKED BY: TW

**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
FLOOR PLAN - BASEMENT LEVEL - BUILDINGS 8, 9A, 9B

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 500 | JL |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-109 | 1 |

**PROJECT**
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)
JACKSON TEECE

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## AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

## LEGEND

- ANGLICARE SITE
- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- SITE ENTRY POINTS
- APT — APARTMENT
- C/U — CONDENSER UNIT ROOM
- D — DRYING COURT
- T251 — TREE TO BE RETAINED, TREE PROTECTION ZONE AND TREE IDENTIFICATION NUMBER

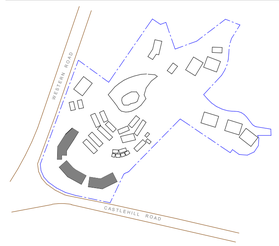
## NOTES

FOR BALCONY AREAS REFER TO DA-604

BUILDING FLOOR LEVELS ARE QUOTED IN MILLIMETRES.

FIRE SPRINKLERS ARE PROPOSED TO BE INSTALLED TO THE RESIDENTIAL CARE FACILITY AS REQUIRED BY CLAUSE 55 OF SEPP (SENIORS) 2004.

KEY PLAN




0 5 10

SCALE 1:200

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## DA ISSUE

APPROVED BY: CA
CHECKED BY: TW

**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
FLOOR PLAN - GROUND LEVEL - BUILDINGS 8, 9B

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 200 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-110 | 2 |

**PROJECT**
201656 WESTERN ROAD

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E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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AMENDMENTS

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| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
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LEGEND

- ANGLICARE SITE
- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- SITE ENTRY POINTS
- APT — APARTMENT
- C/U — CONDENSER UNIT ROOM
- D — DRYING COURT
- T261 — TREE PROTECTION ZONE AND TREE IDENTIFICATION NUMBER

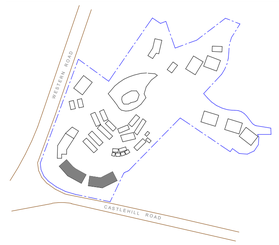
NOTES

FOR BALCONY AREAS REFER TO DA-604.

BUILDING FLOOR LEVELS ARE QUOTED IN MILLIMETRES.

FIRE SPRINKLERS ARE PROPOSED TO BE INSTALLED TO THE RESIDENTIAL CARE FACILITY AS REQUIRED BY CLAUSE 55 OF SEPP (SENIORS) 2004.

KEY PLAN




0 5 10

SCALE 1:200

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

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APPROVED BY: CA
CHECKED BY: TW

CLIENT
ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
FLOOR PLAN - LEVELS 1 AND 2 TYPICAL - BUILDINGS 8 AND 9B

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 200 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-111 | 2 |

PROJECT
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
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E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)
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| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

PV SOLAR PANELS
FALL
FALL
BUILDING 9B
SKY LIGHT
INNER GLASS: 1150 x 1150
EXTERNAL SIZE: 1275 x 1275
TYPICAL
LIFT OVERRUN
RL 181.71
UP
BUILDING 8
DEPTH LIMIT CONTROL
[SYDNEY METRO TRAINLINE BELOW]
CASTLE HILL ROAD
LIMITED IN DEPTH TO RL137.6
DN
1 DA-356
2 DA-356
3 DA-355
4 DA-207
1 DA-207
2 DA-207
3 DA-207
1 DA-358
2 DA-358
4 DA-205
1 DA-205
2 DA-205
3 DA-205
1 DA-357
2 DA-357
1 DA-359
2 DA-359
3 DA-200
1 DA-360
2 DA-368
1 DA-368

## LEGEND

- ANGLICARE SITE
- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- SITE ENTRY POINTS
- APT — APARTMENT
- C/U — CONDENSER UNIT ROOM
- D — DRYING COURT
- T261 — TREE PROTECTION ZONE AND TREE IDENTIFICATION NUMBER

## NOTES

FOR BALCONY AREAS REFER TO DA-604.

BUILDING FLOOR LEVELS ARE QUOTED IN MILLIMETRES.

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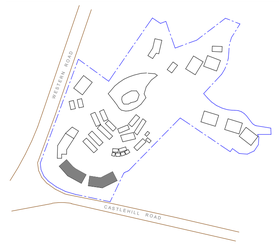
## KEY PLAN

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SCALE 1:200

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# DA ISSUE

APPROVED BY: CA
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CLIENT
ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
ROOF PLAN - BUILDINGS 8 AND 9B

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 200 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-112 | 2 |

PROJECT
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9299 2722 F 61 2 9299 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 299
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)
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AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
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| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

1 FLOOR PLAN - BLDG 9A - GROUND FLOOR
SCALE 1 : 200

2 FLOOR PLAN - BLDG B28 - GROUND FLOOR
SCALE 1 : 200

LEGEND

- ANGLICARE SITE
- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- SITE ENTRY POINTS
- APT — APARTMENT
- C/U — CONDENSER UNIT ROOM
- D — DRYING COURT
- T261 — TREE TO BE RETAINED, TREE PROTECTION ZONE AND TREE IDENTIFICATION NUMBER

NOTES

FOR BALCONY AREAS REFER TO DA-604

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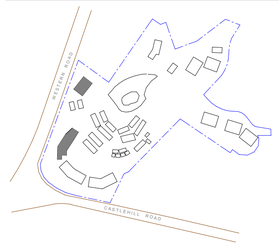
FIRE SPRINKLERS ARE PROPOSED TO BE INSTALLED TO THE RESIDENTIAL CARE FACILITY AS REQUIRED BY CLAUSE 55 OF SEPP (SENIORS) 2004.

KEY PLAN




0 5 10
SCALE 1:200

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ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
FLOOR PLAN - GROUND LEVEL - BUILDING 9A & B28

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 200 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-114 | 2 |

PROJECT
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 857 299
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)
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AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
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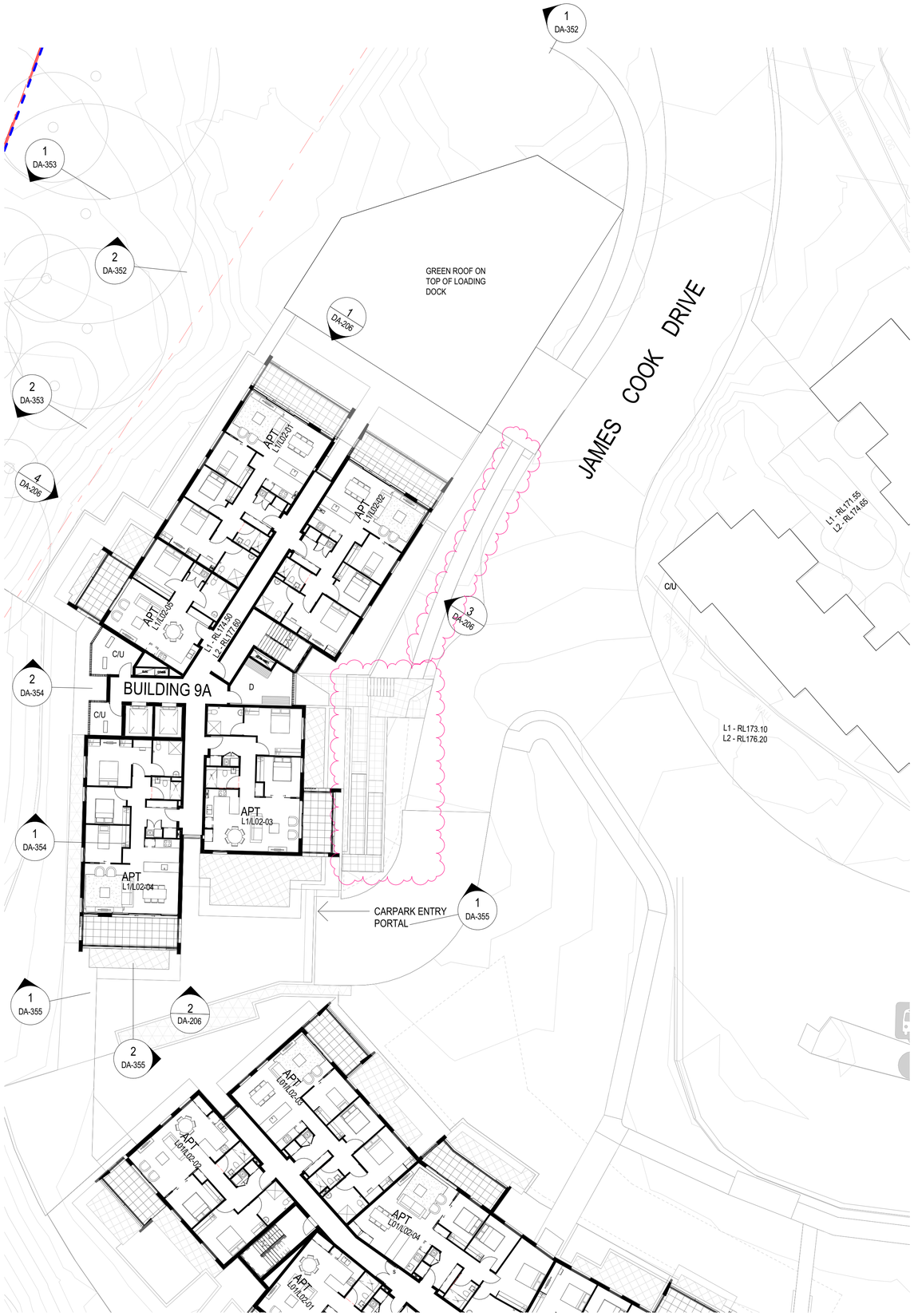
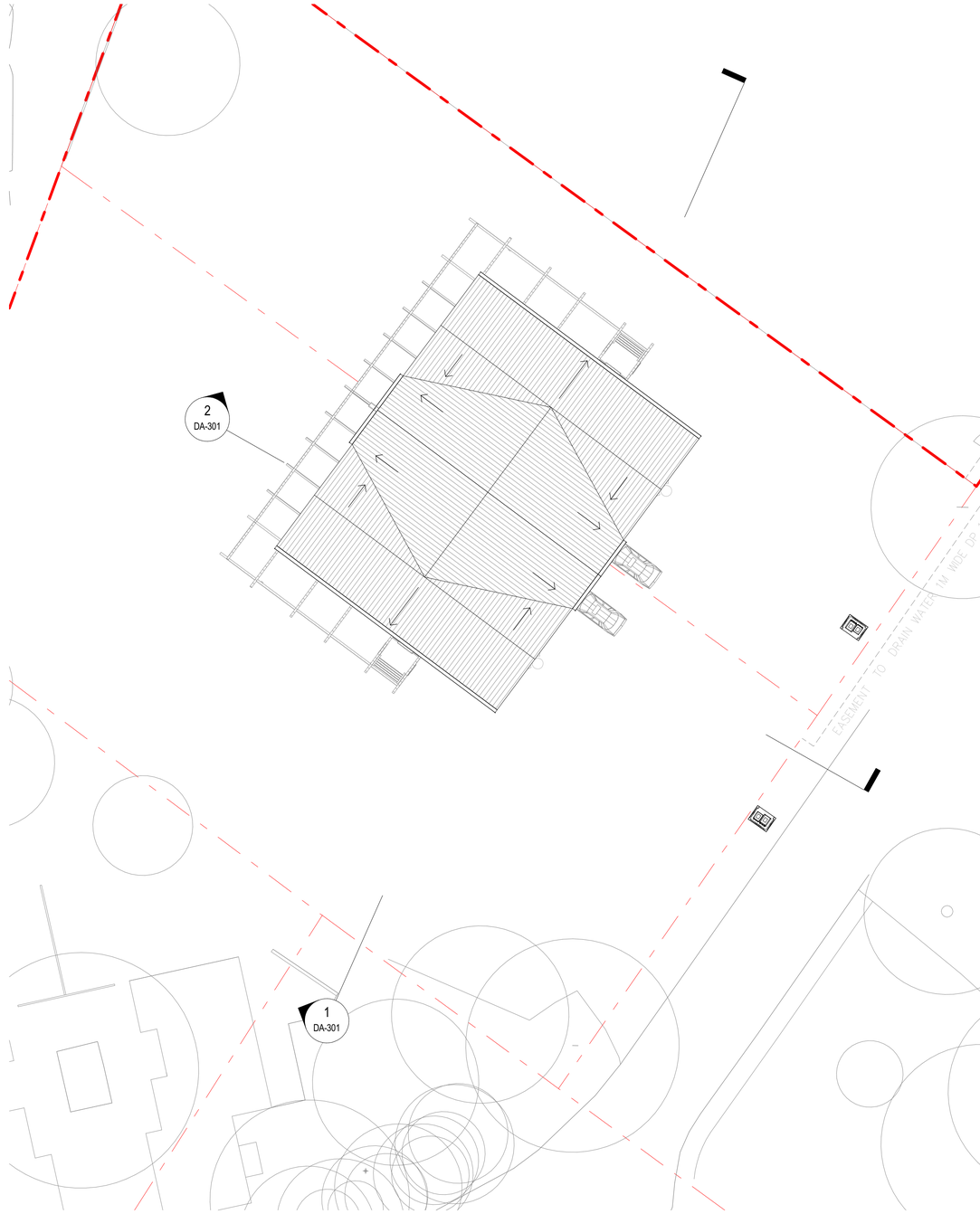
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |




1 FLOOR PLAN - BLDG 9A - LEVEL 1 & 2
SCALE 1 : 200




2 ROOF PLAN - BLDG B28
SCALE 1 : 200

LEGEND

- ANGLICARE SITE
- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- SITE ENTRY POINTS
- APT — APARTMENT
- C/U — CONDENSER UNIT ROOM
- D — DRYING COURT
- T261 — TREE PROTECTION ZONE AND TREE IDENTIFICATION NUMBER

NOTES

FOR BALCONY AREAS REFER TO DA-604.

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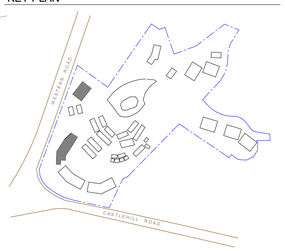
KEY PLAN




0 5 10
SCALE 1:200

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**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
FLOOR PLAN - LEVELS 1 AND 2 TYPICAL - BUILDING 9A - ROOF PLAN B28

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 200 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-115 | 2 |

**PROJECT**
201656 WESTERN ROAD

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T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

JAMES COOK DRIVE

EXISTING HUNTER TERRACES

GREEN ROOF ON TOP OF LOADING DOCK

BUILDING 9A

RL 182.20

LIFT OVERRUN

PV SOLAR PANELS

FALL

RL 181.00

BUILDING 9B

SKY LIGHT
INNER GLASS: 1150 x 1150
EXTERNAL SIZE: 1275 x 1275
TYPICAL

LIFT OVERRUN

RL 181.71

UP

1 DA-352 · 1 DA-353 · 1 DA-206 · 2 DA-352 · 2 DA-353 · 4 DA-206 · 1 DA-352 · 3 DA-206 · 2 DA-354 · 6 DA-206 · 5 DA-206 · 1 DA-354 · 1 DA-355 · 2 DA-355 · 2 DA-206 · 2 DA-356 · 1 DA-368 · 2 DA-368 · 2 DA-359

LEGEND

- ANGLICARE SITE
- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- SITE ENTRY POINTS
- APT APARTMENT
- C/U CONDENSER UNIT ROOM
- D DRYING COURT
- T261 TREE PROTECTION ZONE AND TREE IDENTIFICATION NUMBER

NOTES

FOR BALCONY AREAS REFER TO DA-604.

BUILDING FLOOR LEVELS ARE QUOTED IN MILLIMETRES.

FIRE SPRINKLERS ARE PROPOSED TO BE INSTALLED TO THE RESIDENTIAL CARE FACILITY AS REQUIRED BY CLAUSE 55 OF SEPP (SENIORS) 2004.

KEY PLAN

0 5 10

SCALE 1:200

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

**DA ISSUE**

APPROVED BY: CA
CHECKED BY: TW

**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
ROOF PLAN - BUILDING 9A

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 200 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-117 | 2 |

**PROJECT**
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 299
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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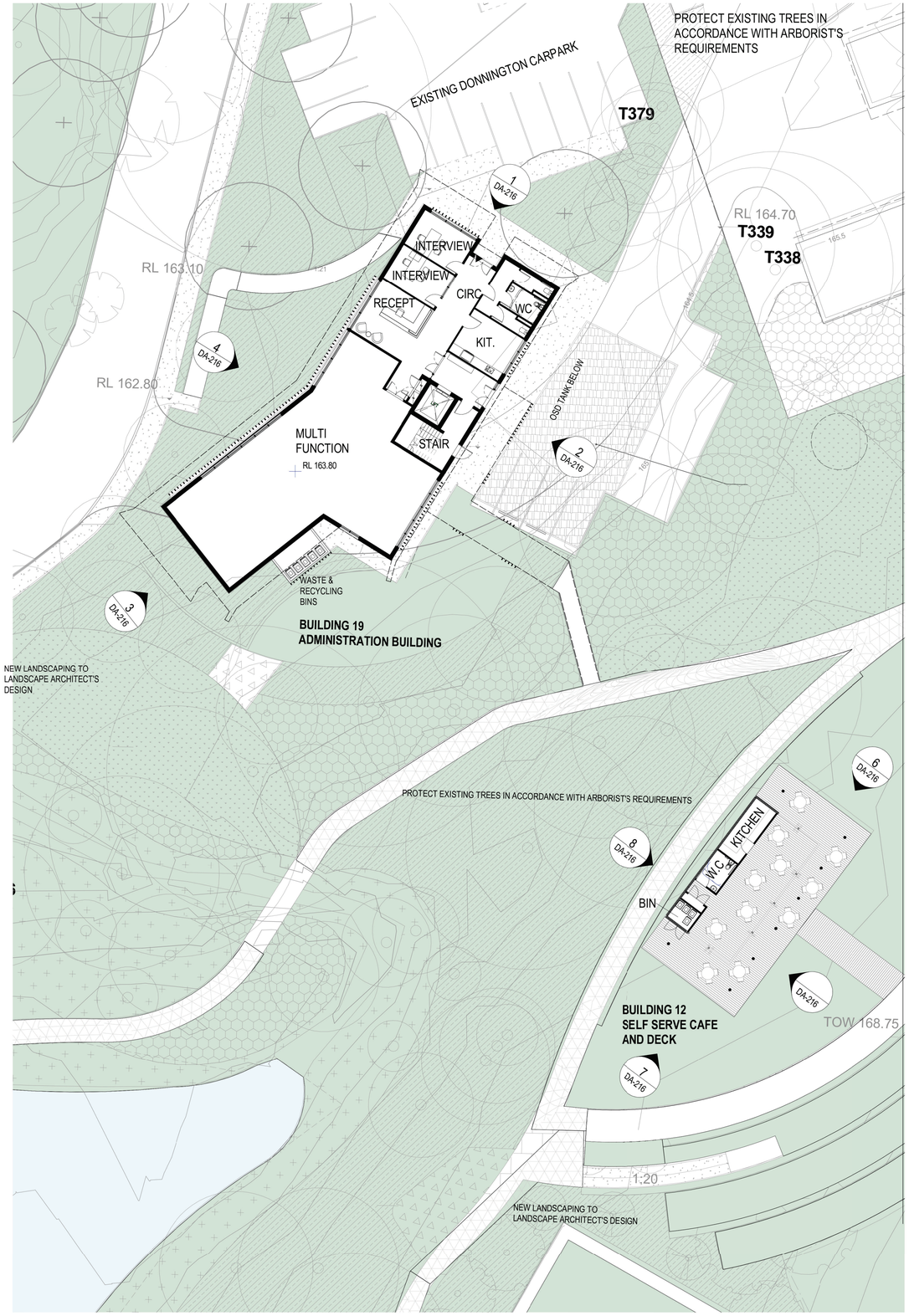
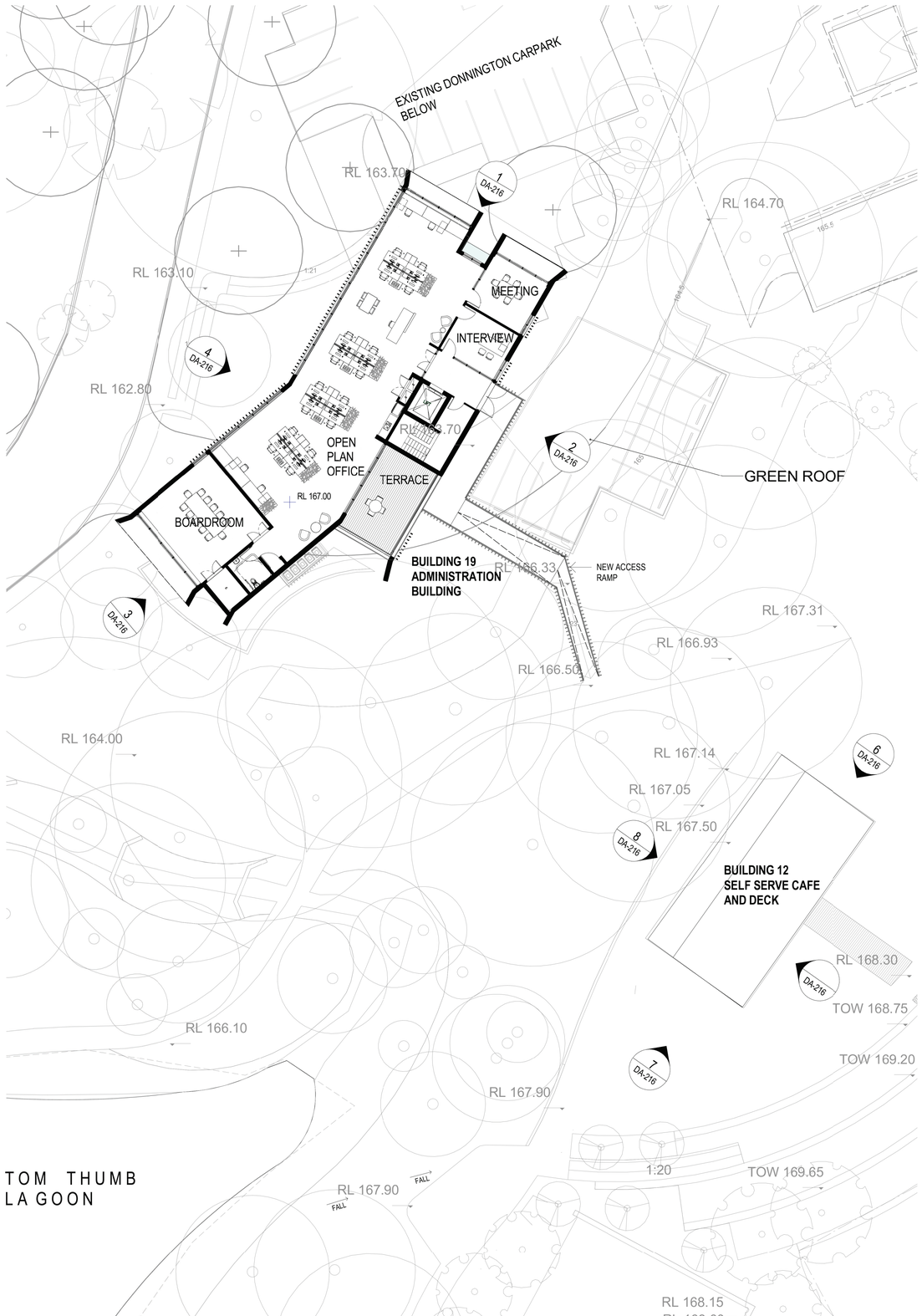
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |




1 FLOOR PLAN - GF - BUILDING 12 & 19
SCALE 1 : 200




2 FLOOR PLAN - L1 - BUILDING 12 & 19
SCALE 1 : 200

LEGEND

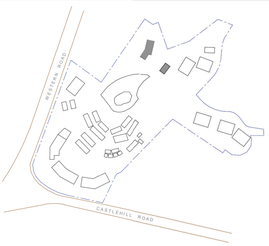
- ANGLICARE SITE
- EXTENT OF DEVELOPMENT APPLICATION/ SITE BOUNDARY FENCE
- ENTRY POINTS

NOTE

REFER TO LANDSCAPE DOCUMENTATION FOR EXISTING AND PROPOSED SITE RL'S

FIRE SPRINKLERS ARE PRPOPSED TO BE INSTALLED TO THE RESIDENTIAL CARE FACILITY AS REQUIRED BY CLAUSE 55 OF SEPP (SENIORS) 2004.

KEY PLAN




0 5 10
SCALE 1:200

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

**DA ISSUE**

APPROVED BY: CA
CHECKED BY: TW

CLIENT
ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
FLOOR PLAN - BLDG 12 & 19 GROUND/
BLDG 12 LEVEL 1 & BLDG 12 ROOF

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 200 | CR |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-127 | 1 |

PROJECT
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)
JACKSON TEECE

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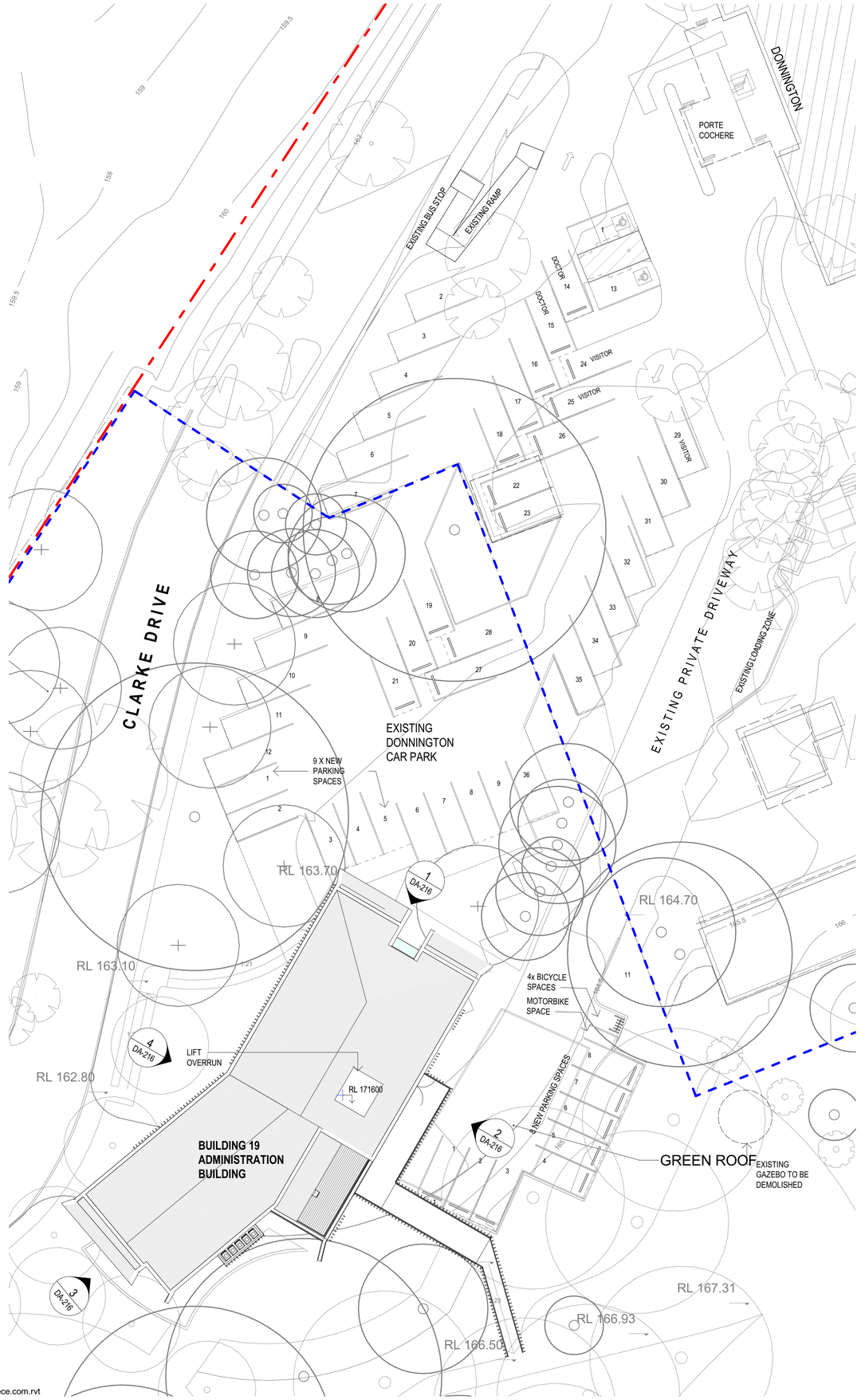
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |




1 SK-304 FLOOR PLAN - ROOF - BUILDING 12 & CARPARK
1 : 200

LEGEND

- ANGLICARE SITE
- EXTENT OF DEVELOPMENT APPLICATION/ SITE BOUNDARY FENCE
- ENTRY POINTS

**NOTES:**

REFER TO LANDSCAPE DOCUMENTATION FOR EXISTING AND PROPOSED SITE RL'S

FIRE SPRINKLERS ARE PROPOSED TO BE INSTALLED TO THE RESIDENTIAL CARE FACILITY AS REQUIRED BY CLAUSE 55 OF SEPP (SENIORS) 2004.

KEY PLAN

0 5 10
SCALE 1:200

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

**DA ISSUE**

APPROVED BY: CA
CHECKED BY: TW

CLIENT
ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
ROOF PLAN - BUILDING 19 AND CARPARK

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 11/26/18 | 1 : 200 | CR |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-128 | 1 |

PROJECT
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
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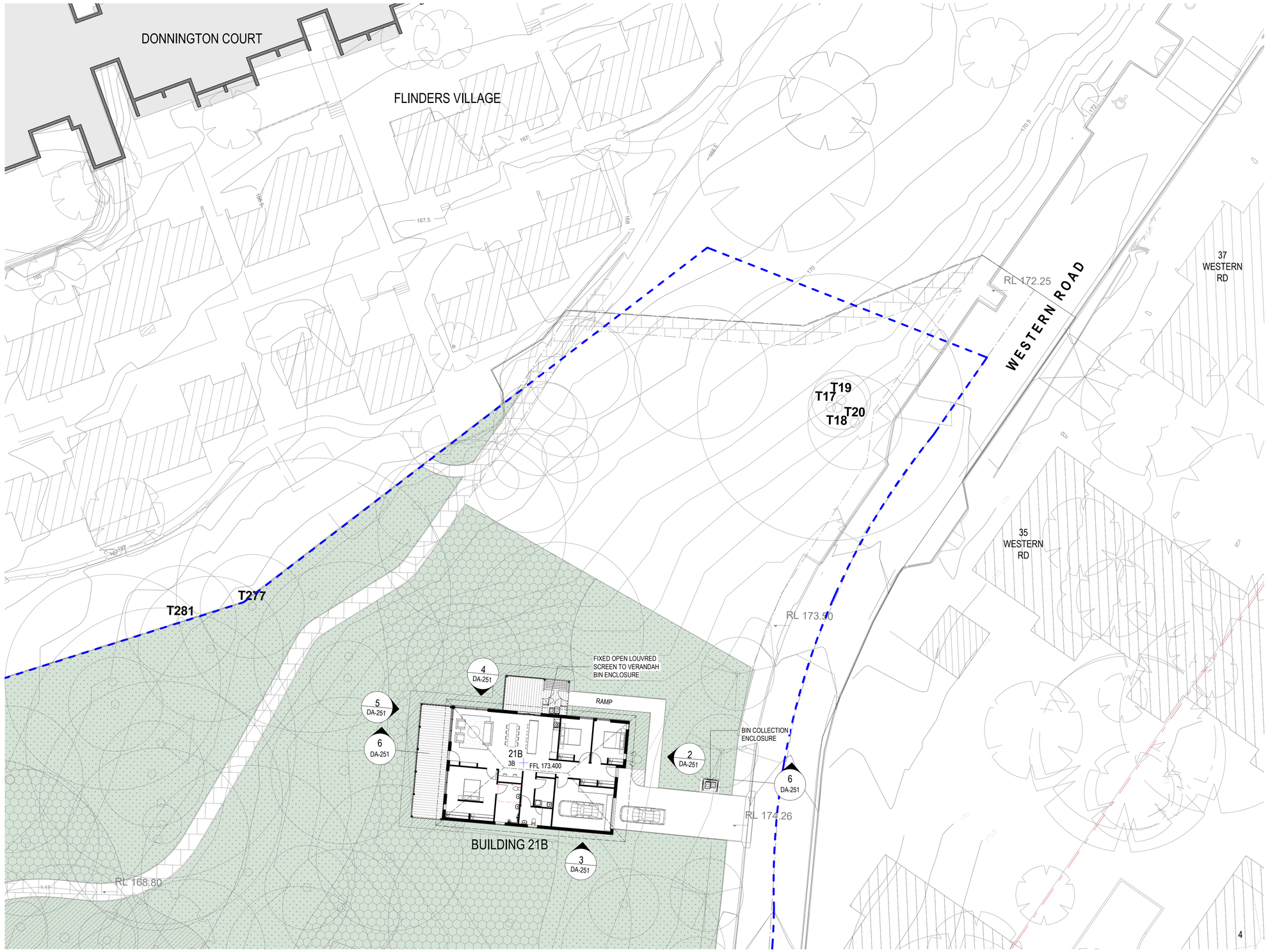
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |




LEGEND

- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION/ SITE BOUNDARY FENCE
- T261 — TREE PROTECTION ZONE AND TREE IDENTIFICATION NUMBER

NOTES

DETAILED SITE INFORMATION SHOWN ON THIS DRAWING IS DIRECTLY SOURCED FROM SITE SURVEY DRAWING NO. 33880DT REV. U DATED 23 /09 /19 BY REGISTERED SURVEYOR (LTS LOCKLEY).

NOTES

FIRE SPRINKLERS ARE PRPOPSED TO BE INSTALLED TO THE RESIDENTIAL CARE FACILITY AS REQUIRED BY CLAUSE 55 OF SEPP (SENIORS) 2004.

KEY PLAN

0 5 10

SCALE 1:200

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**DA ISSUE**

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**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
FLOOR PLAN - GROUND LEVEL - VILLA 21B

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | As indicated | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-160 | 1 |

**PROJECT**
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)
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AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
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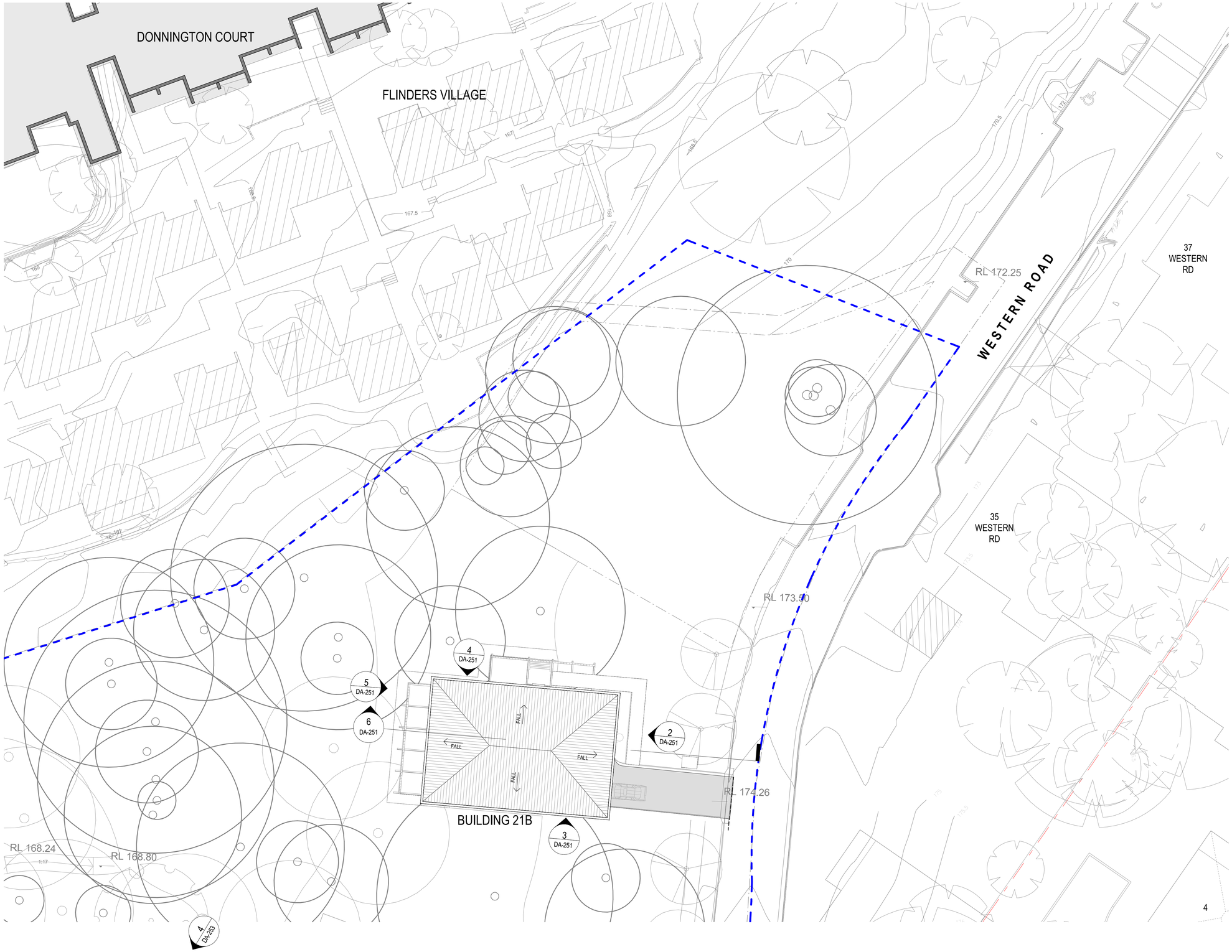
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |




LEGEND

- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION/ SITE BOUNDARY FENCE
- T251 — TREE PROTECTION ZONE AND TREE IDENTIFICATION NUMBER

NOTES

FIRE SPRINKLERS ARE PRPOPSED TO BE INSTALLED TO THE RESIDENTIAL CARE FACILITY AS REQUIRED BY CLAUSE 55 OF SEPP (SENIORS) 2004.

KEY PLAN

0 5 10

SCALE 1:200

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**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
ROOF PLAN - VILLA 21B

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 11/02/18 | 1 : 200 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-161 | 1 |

**PROJECT**
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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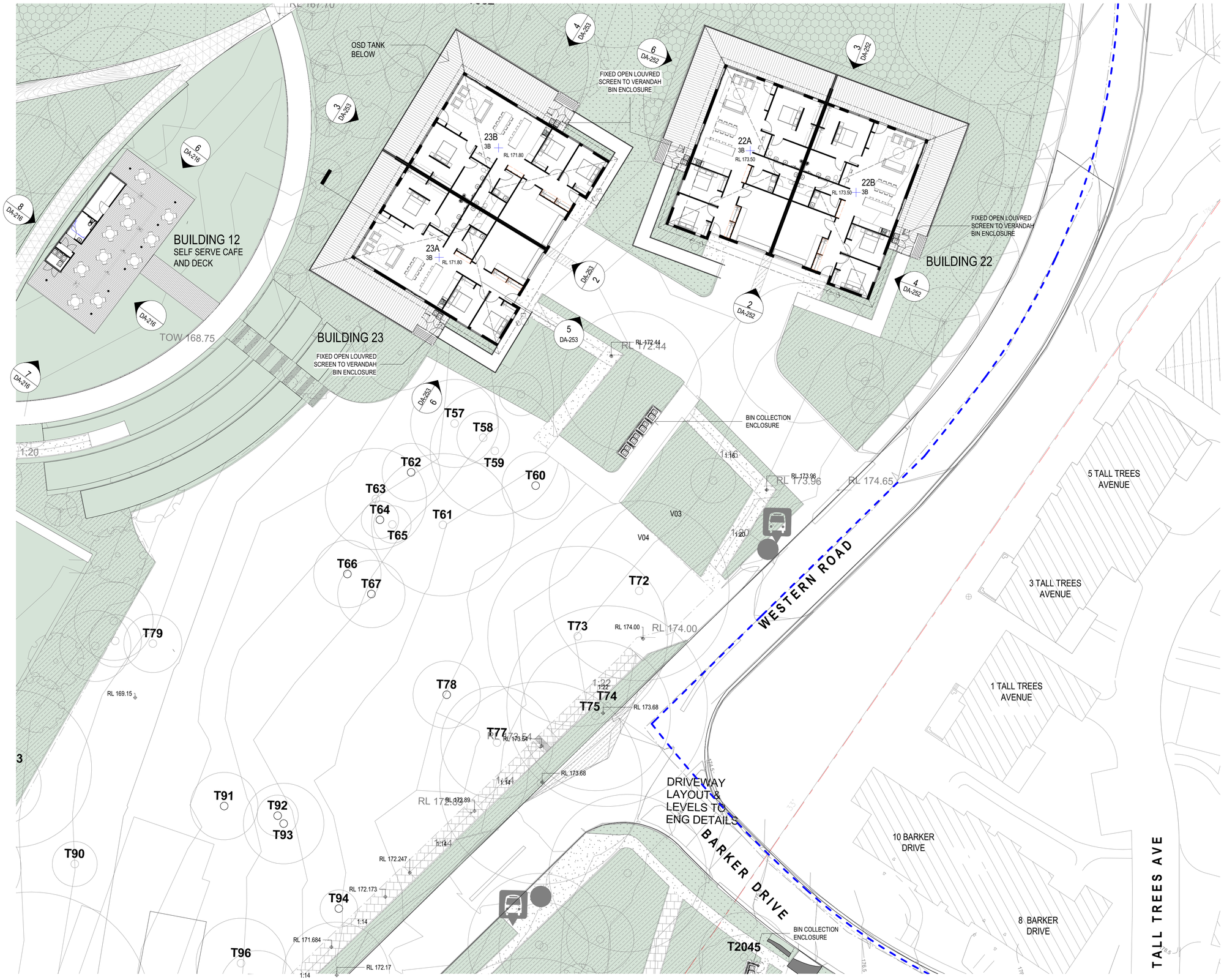
AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |




NOTES

DETAILED SITE INFORMATION SHOWN ON THIS DRAWING IS DIRECTLY SOURCED FROM SITE SURVEY DRAWING NO. 33880DT REV. U DATED 23 /09 /19 BY REGISTERED SURVEYOR (LTS LOCKLEY).

LEGEND

LOT BOUNDARY LINES

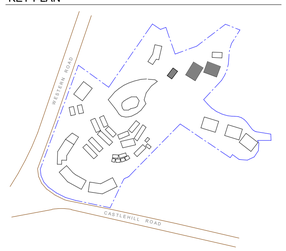
EXTENT OF DEVELOPMENT APPLICATION/ SITE BOUNDARY FENCE

T251 TREE PROTECTION ZONE AND TREE IDENTIFICATION NUMBER

NOTES

FIRE SPRINKLERS ARE PRPOPSED TO BE INSTALLED TO THE RESIDENTIAL CARE FACILITY AS REQUIRED BY CLAUSE 55 OF SEPP (SENIORS) 2004.

KEY PLAN




0 5 10

SCALE 1:200

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CLIENT
ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
FLOOR PLAN - GROUND LEVEL - VILLAS 22, 23 AND B12

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 11/16/18 | As indicated | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-162 | 1 |

PROJECT
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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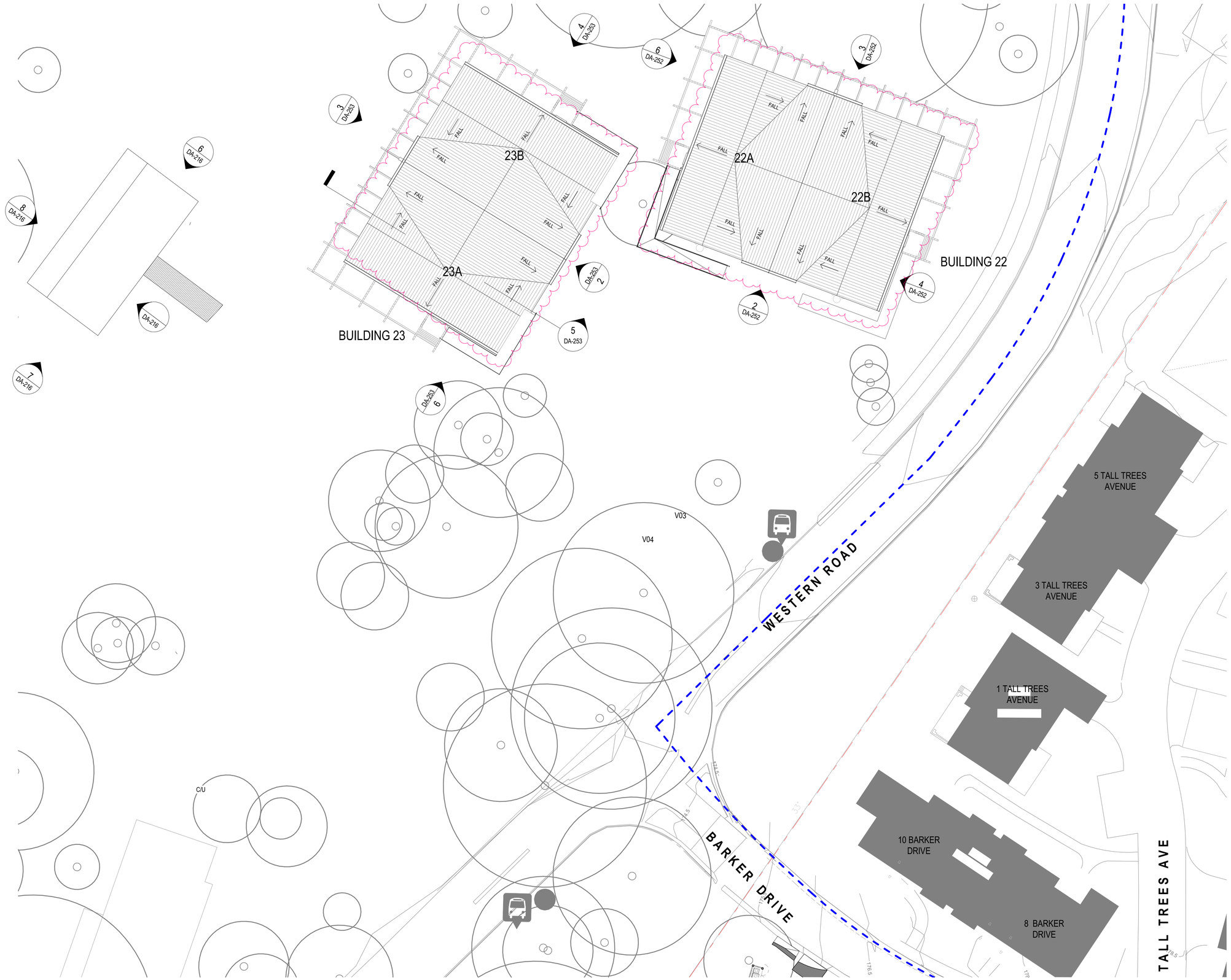
AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |



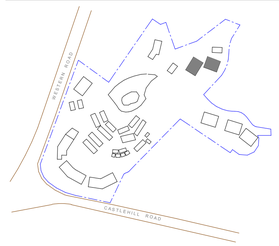

LEGEND

- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION/ SITE BOUNDARY FENCE
- T261 TREE PROTECTION ZONE AND TREE IDENTIFICATION NUMBER

NOTES

FIRE SPRINKLERS ARE PRPOPSED TO BE INSTALLED TO THE RESIDENTIAL CARE FACILITY AS REQUIRED BY CLAUSE 55 OF SEPP (SENIORS) 2004.

KEY PLAN




0 5 10

SCALE 1:200

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**DA ISSUE**

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CHECKED BY: TW

**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
ROOF PLAN - VILLAS 22 AND 23

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 11/16/18 | 1 : 200 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-163 | 2 |

**PROJECT**
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 857 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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| ISSUE | DESCRIPTION | APPROVED | DATE |
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| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |

NOTES

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LEGEND

LOT BOUNDARY LINES

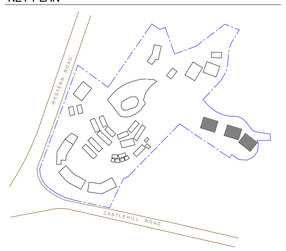
EXTENT OF DEVELOPMENT APPLICATION/ SITE BOUNDARY FENCE

T261 TREE PROTECTION ZONE AND TREE IDENTIFICATION NUMBER

NOTES

FIRE SPRINKLERS ARE PRPOPSED TO BE INSTALLED TO THE RESIDENTIAL CARE FACILITY AS REQUIRED BY CLAUSE 55 OF SEPP (SENIORS) 2004.

KEY PLAN

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CLIENT
ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
FLOOR PLAN - GROUND LEVEL - VILLAS 25, 26 AND 27

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | As indicated | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-164 | 1 |

PROJECT
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

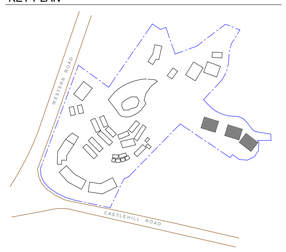
LEGEND

- LOT BOUNDARY LINES
- EXTENT OF DEVELOPMENT APPLICATION/ SITE BOUNDARY FENCE
- T261 — TREE PROTECTION ZONE AND TREE IDENTIFICATION NUMBER

NOTES

FIRE SPRINKLERS ARE PRPOPSED TO BE INSTALLED TO THE RESIDENTIAL CARE FACILITY AS REQUIRED BY CLAUSE 55 OF SEPP (SENIORS) 2004.

KEY PLAN

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**CLIENT**
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**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
ROOF PLAN - VILLAS 25, 26 AND 27

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 200 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-165 | 2 |

**PROJECT**
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 857 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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AMENDMENTS

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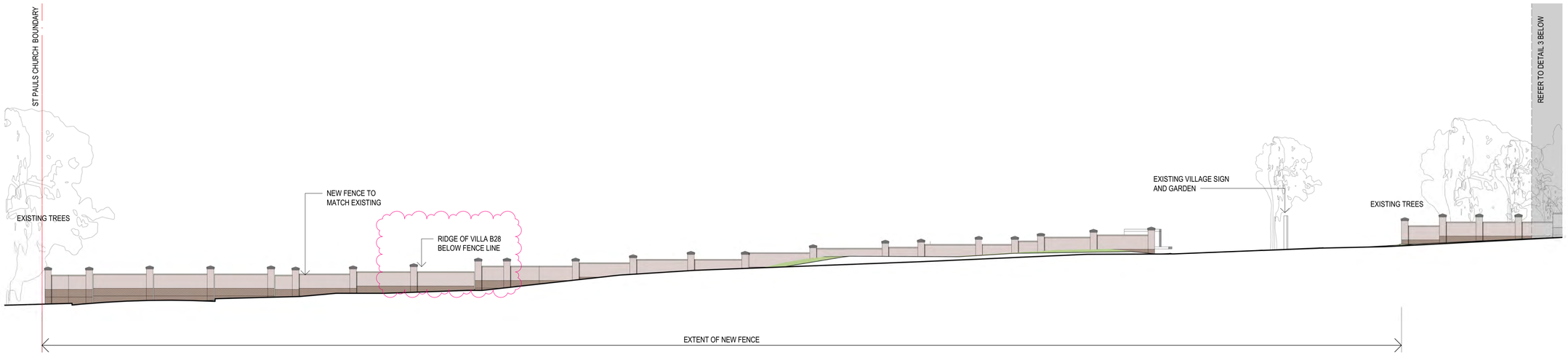
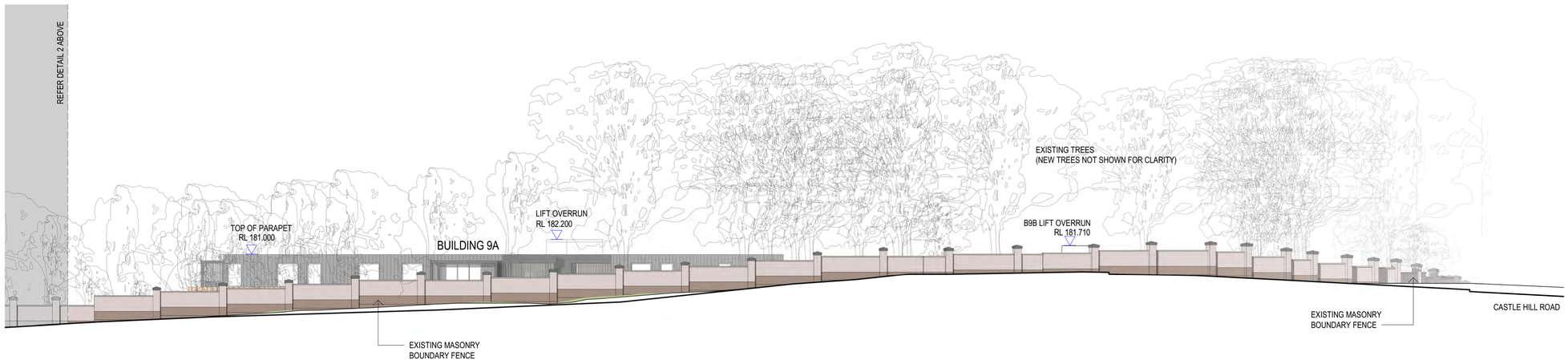
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |




1 OLD NORTHERN ROAD ELEVATION
SCALE 1 : 200



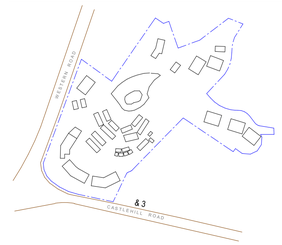

2 OLD NORTHERN ROAD ELEVATION
SCALE 1 : 200

3 CASTLE HILL RD ELEVATION
SCALE 1 : 200

## NOTES

- MAXIMUM HEIGHT & CEILING HEIGHT CONTROL PLANES NOT SHOWN ON ELEVATIONS. FOR ADDITIONAL HEIGHT PLANE INFORMATION REFER TO DA-410 & RELEVANT SECTIONS
- THE BUILDING HEIGHT IS BELOW THE MAXIMUM HEIGHT PLANE OF 8.5m. THERE ARE MINOR HEIGHT LEVEL EXCEPTIONS WHICH ARE INDICATED ON THE 3D HEIGHT PLANE DRAWINGS DA-410. THE HIGHEST OF THESE, THE LIFT OVERRUN & PLANT ROOM IS INDICATED WITH AN RL ON DRAWING. AN EXCEPTION IS BUILDING 13 WITH AN ADDITIONAL FLOOR.
- COLOURS ON THE ELEVATIONS ARE INDICATIVE TO ASSIST INTERPRETATION OF MATERIAL DIFFERENCES. REFER TO THE MATERIAL PALETTE ON SHEET.
- ALL FACADE WINDOWS TO APARTMENTS ARE TYPICALLY DOUBLE-GLAZED AWNING WINDOWS, EXCEPT FOR GLAZED SLIDING DOOR & GLAZED FIXED PANELS.
- FOR MORE INFORMATION REFER TO INDIVIDUAL BUILDING ELEVATIONS.

KEY PLAN




0 5 10
SCALE 1:200

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

**DA ISSUE**

APPROVED BY: CA
CHECKED BY: TW

**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
STREET ELEVATIONS - OLD NORTHERN ROAD AND CASTLE HILL ROAD

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 200 | DK |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-200 | 2 |

**PROJECT**
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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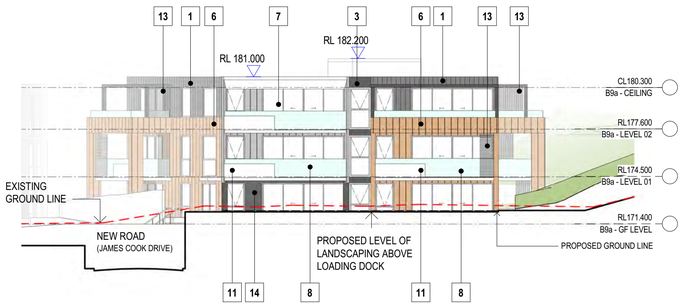
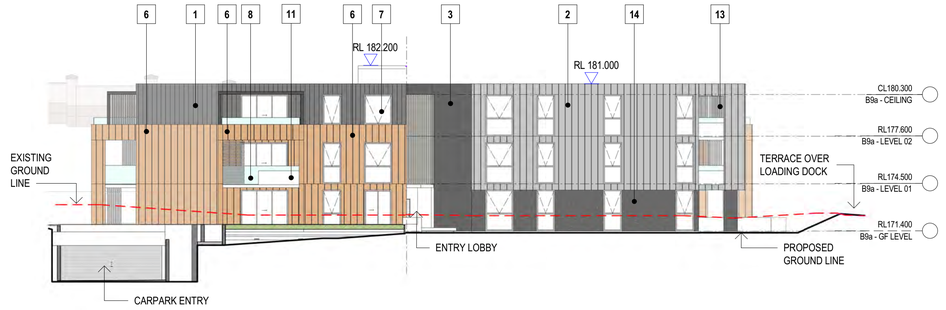
## AMENDMENTS

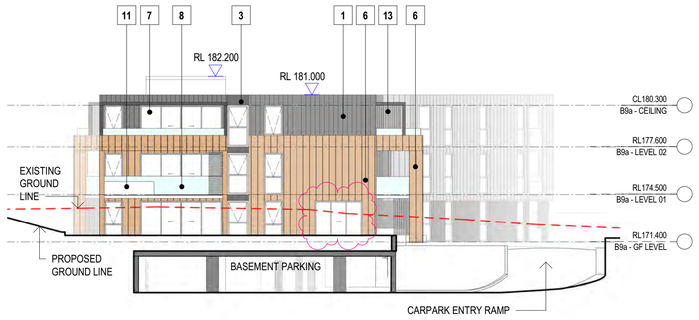
| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |




1 BUILDING 9A - NORTH ELEVATION




3 BUILDING 9A - EAST ELEVATION




2 BUILDING 9A - SOUTH ELEVATION

4 BUILDING 9A - WEST ELEVATION

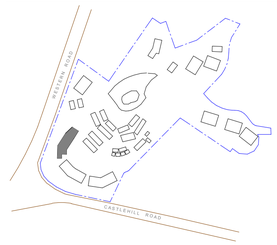
## NOTES

- LANDSCAPE IS NOT SHOWN ON ELEVATIONS TO SHOW FULL ELEVATION VIEW. REFER TO LANDSCAPE DOCUMENTS FOR NEW & EXISTING PLANTING.
- MAXIMUM HEIGHT & CEILING HEIGHT CONTROL PLANES ARE NOT SHOWN ON ELEVATIONS. FOR ADDITIONAL HEIGHT PLANE INFORMATION REFER TO DA-410 & RELEVANT SECTIONS.
- COLOURS ON THE ELEVATIONS ARE INDICATIVE TO ASSIST INTERPRETATION OF MATERIAL DIFFERENCES. REFER TO THE MATERIAL PALETTE ON SHEET.
- ALL FACADE WINDOWS TO APARTMENTS ARE TYPICALLY DOUBLE-GLAZED AWNING WINDOWS, EXCEPT FOR GLAZED SLIDING DOOR & GLAZED FIXED PANELS.

## LEGEND

- EXISTING GROUND HEIGHT AT THE FACE OF THE ELEVATION SHOWN
- LOT BOUNDARY LINES

## KEY PLAN




0 5 10

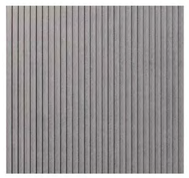
SCALE 1:200

## MATERIALS PALETTE

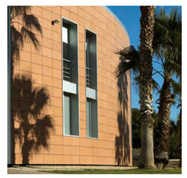
1 - WALL CLADDING

2 - WALL CLADDING

3 - WALL CLADDING


4 - WALL CLADDING

5 - CLADDING


6 - CLADDING

7 - ALUMINIUM WINDOW FRAME

8 - BALUSTRADE

9 - WALL CLADDING

10 - WALL CLADDING

11 - BALUSTRADES

12 - BATTENED LOUVRES

12 - BATTENED LOUVRES - TIMBER LOOK

13 -BATTENED LOUVRES - TIMBER LOOK B

14 - WALL CLADDING

20 - ROOF COLOUR

20 - ROOFING PROFILE

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

**DA ISSUE**

APPROVED BY: CA
CHECKED BY: TW

**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
ELEVATIONS - BUILDING 9A

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 200 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-206 | 2 |

**PROJECT**
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
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T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)
JACKSON TEECE

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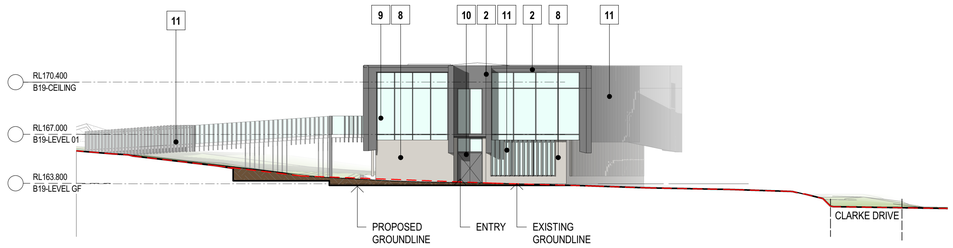
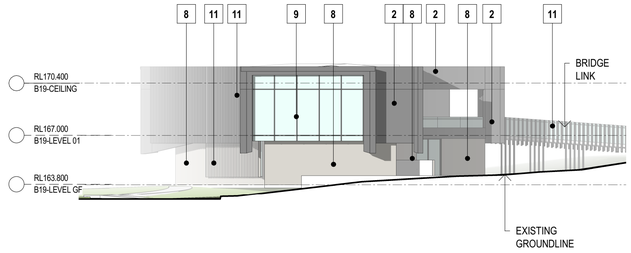
AMENDMENTS

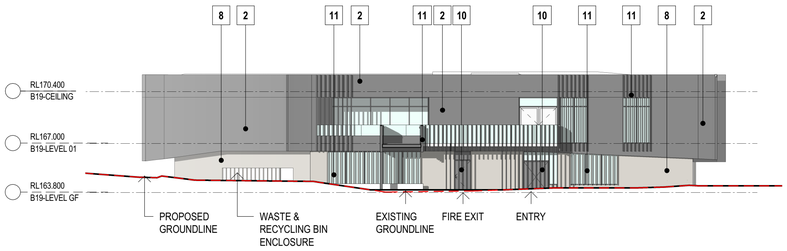
| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |



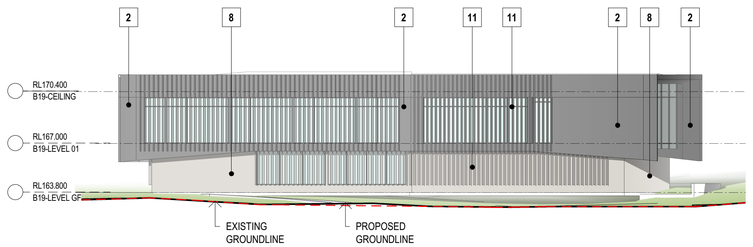

1 BUILDING 19 - NORTH ELEVATION
SCALE 1 : 200



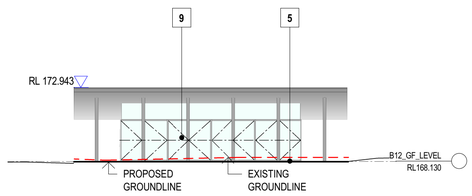

3 BUILDING 19 - SOUTH ELEVATION
SCALE 1 : 200



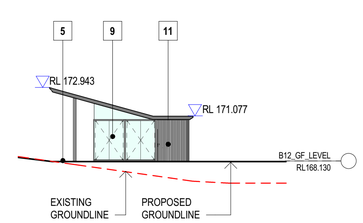

2 BUILDING 19 - EAST ELEVATION
SCALE 1 : 200



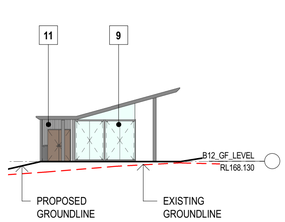

4 BUILDING 19 - WEST ELEVATION
SCALE 1 : 200



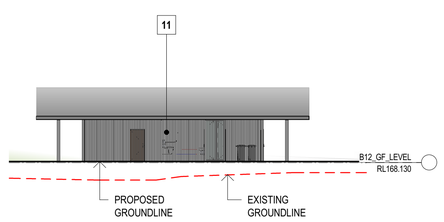

5 BUILDING 12 EAST ELEVATION
SCALE 1 : 200




6 BUILDING 12 NORTH ELEVATION
SCALE 1 : 200



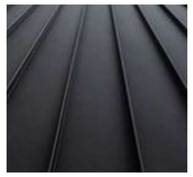

7 BUILDING 12 SOUTH ELEVATION
SCALE 1 : 200




8 BUILDING 12 WEST ELEVATION
SCALE 1 : 200

MATERIALS PALETTE

1 - WALL CLADDING


2 - WALL CLADDING

3 - DOOR AND WINDOW FRAME COLOUR

4 - WALL CLADDING

5 - DECKING

6 - PAVING

7 - ROOFING COLOUR

8 - CLADDING

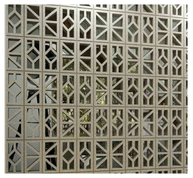
9 - WINDOW GLASS

10 - FRONT DOOR PANEL

11 - TIMBER LOOK ALUMINIUM

12 - WALL CLADDING

13 - ROOF PROFILE


14 - BREEZE BLOCKS

15 - FEATURE BLOCK WALL

16 - FEATURE BLOCK WALL

NOTES

- LANDSCAPE IS NOT SHOWN ON ELEVATIONS TO SHOW FULL ELEVATION VIEW. REFER TO LANDSCAPE DOCUMENTS FOR NEW & EXISTING PLANTING.
- MAXIMUM HEIGHT & CEILING HEIGHT CONTROL PLANES ARE NOT SHOWN ON ELEVATIONS. FOR ADDITIONAL HEIGHT PLANE INFORMATION REFER TO DA-410 & RELEVANT SECTIONS.
- COLOURS ON THE ELEVATIONS ARE INDICATIVE TO ASSIST INTERPRETATION OF MATERIAL DIFFERENCES. REFER TO THE MATERIAL PALETTE ON SHEET.
- ALL FACADE WINDOWS TO APARTMENTS ARE TYPICALLY DOUBLE-GLAZED AWNING WINDOWS, EXCEPT FOR GLAZED SLIDING DOOR & GLAZED FIXED PANELS.

LEGEND

EXISTING GROUND HEIGHT AT THE FACE OF THE ELEVATION SHOWN

LOT BOUNDARY LINES

KEY PLAN

0 5 10
SCALE 1:200

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

**DA ISSUE**

APPROVED BY: CA
CHECKED BY: TW

CLIENT
ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
ELEVATIONS - BUILDINGS 12 AND 19

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 11/26/18 | 1 : 200 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-216 | 1 |

PROJECT
201656 WESTERN ROAD

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Walsh Bay New South Wales 2000 Australia
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E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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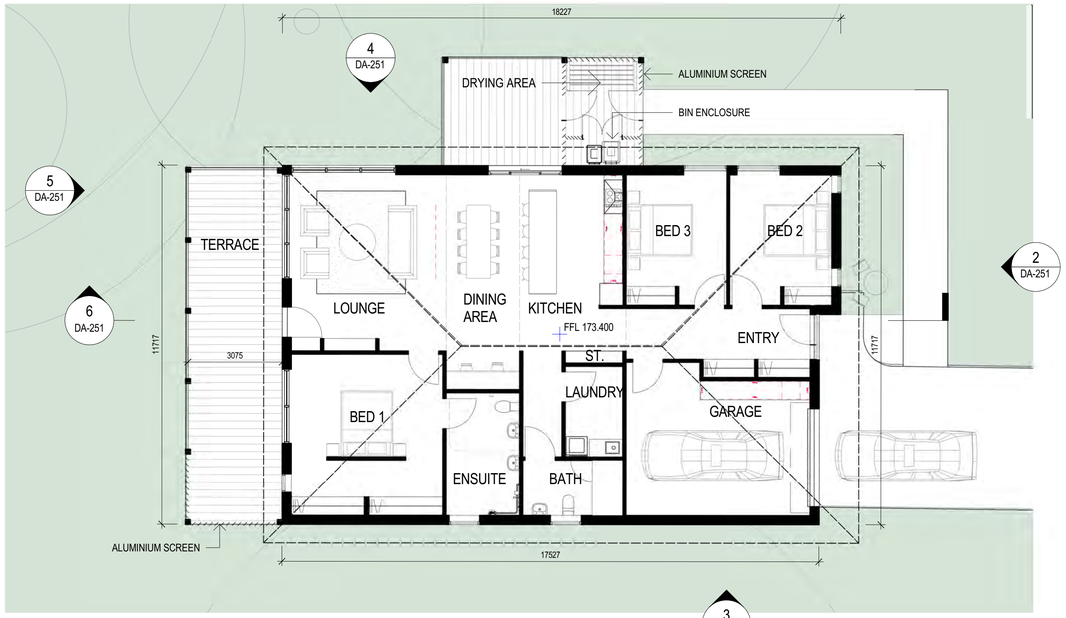
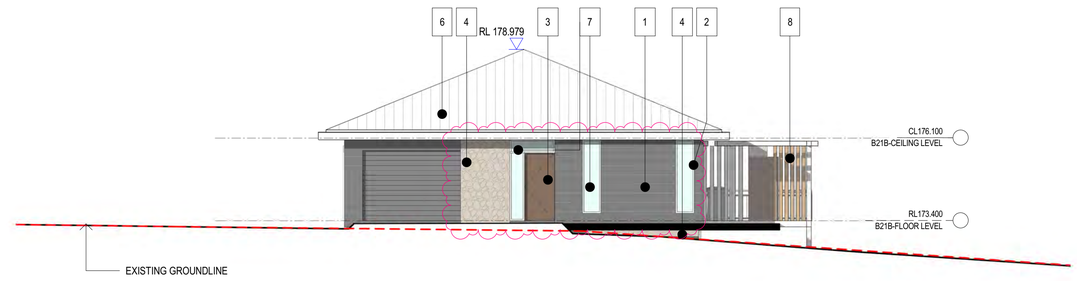
AMENDMENTS

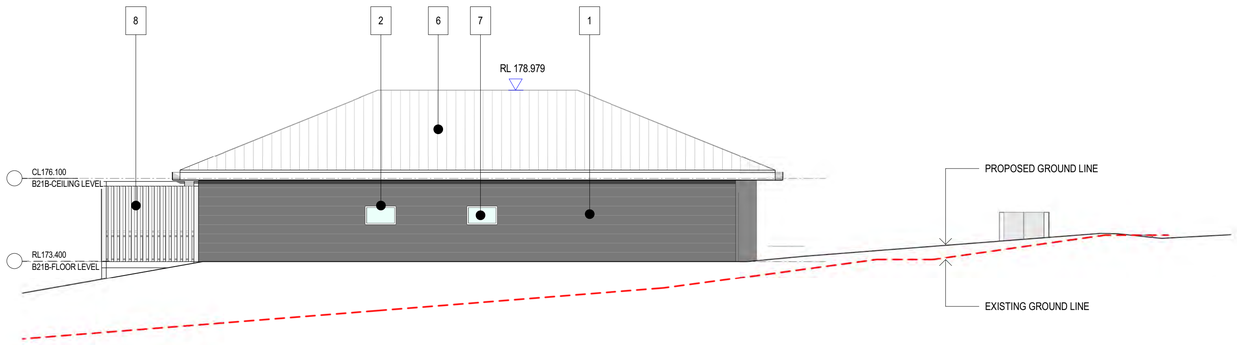
| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

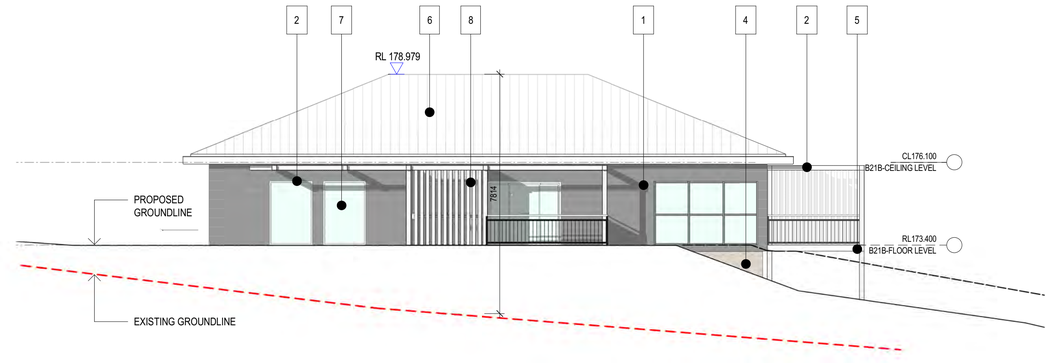



1 VILLA 21B - FLOOR PLAN
SCALE 1 : 100

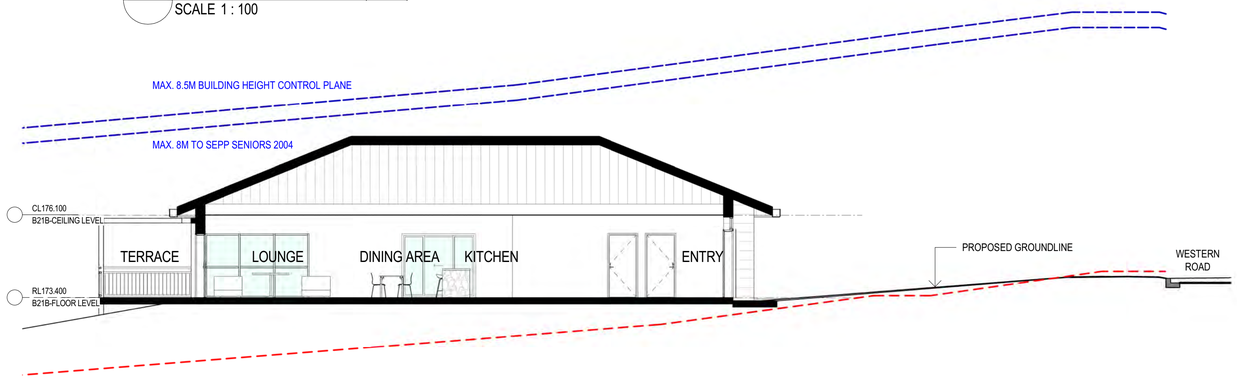



2 VILLA 21B - EAST ELEVATION (FRONT)
SCALE 1 : 100

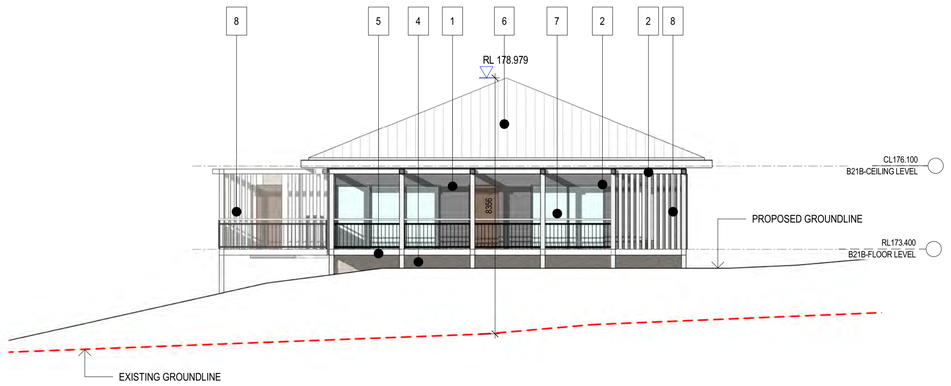



3 VILLA 21B - SOUTH ELEVATION (SIDE 1)
SCALE 1 : 100




4 VILLA 21B - NORTH ELEVATION (SIDE 2)
SCALE 1 : 100




6 VILLA 21B - CROSS SECTION
SCALE 1 : 100

5 VILLA 21B - WEST ELEVATION (REAR)
SCALE 1 : 100

VILLA - MATERIALS PALETTE TYPE 1

1 - WEATHERBOARD CLADDING; VARIED EARTH PALETTE
1 - CLADDING PAINT COLOUR
2 - WINDOW & ARCHITRAVE COLOUR
3 - FRONT DOOR COLOUR
4 - STONE CLADDING
5 - TIMBER DECKING
6 - ROOFING COLOUR
7 - WINDOW GLASS/ SIDE LIGHT
8 - ALUMINIUM SCREEN

KEY PLAN

0 2 5
SCALE 1:100

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

**DA ISSUE**

APPROVED BY: CA
CHECKED BY: TW

CLIENT
ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
PLAN, SECTION AND ELEVATIONS - VILLA 21B

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 11/15/18 | 1 : 100 | JX |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 A | | DA-251 | 2 |

PROJECT
201656 WESTERN ROAD

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T 61 2 9290 2722 F 61 2 9290 1150
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Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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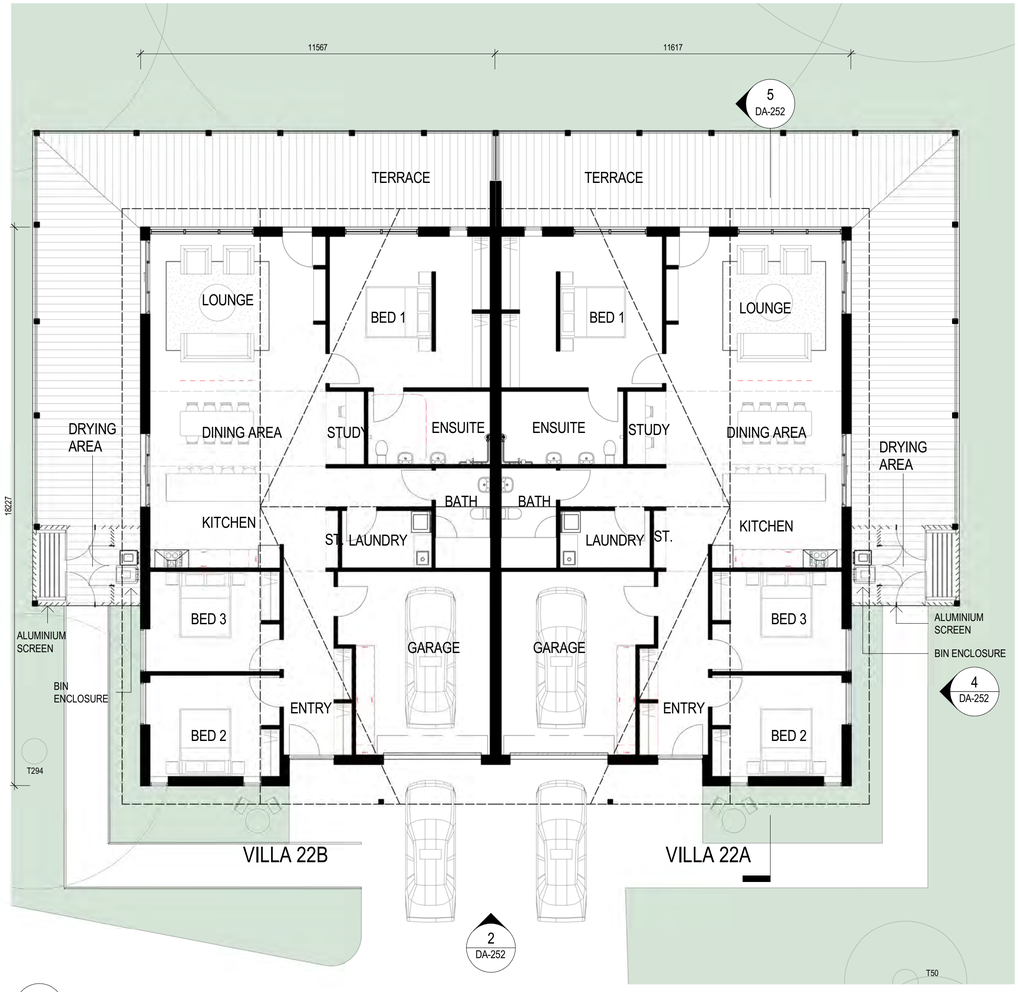
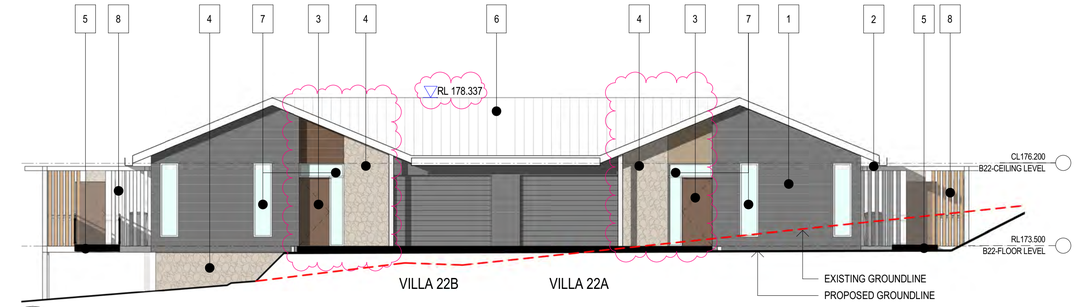
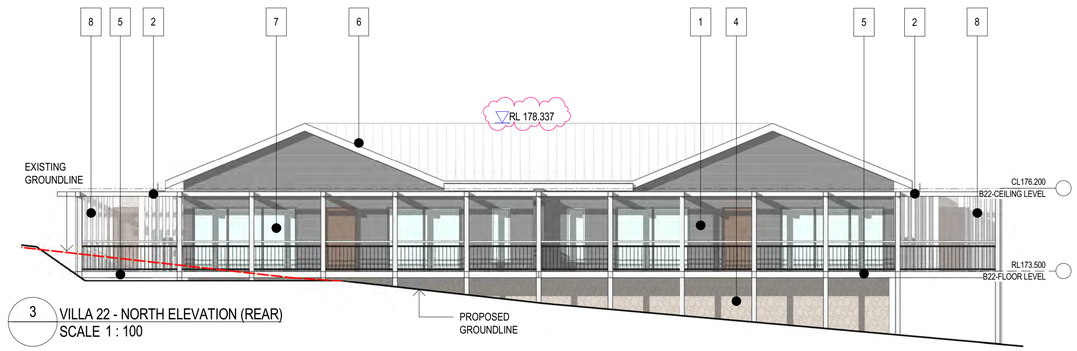


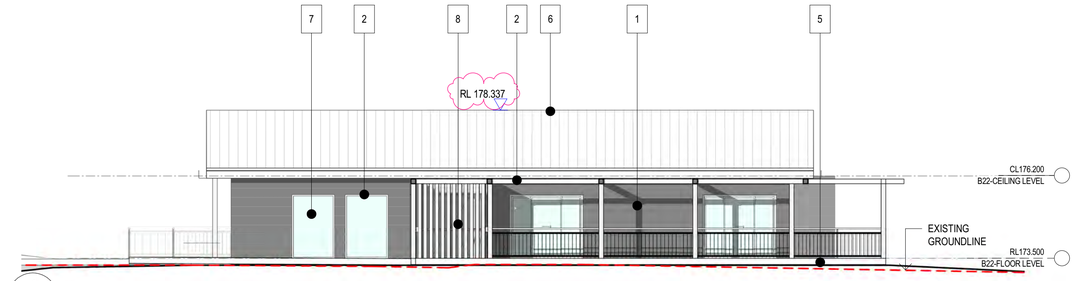

1 VILLA 22A - DOUBLE - FLOOR PLAN
SCALE 1 : 100




2 VILLA 22 - SOUTH ELEVATION (FRONT)
SCALE 1 : 100



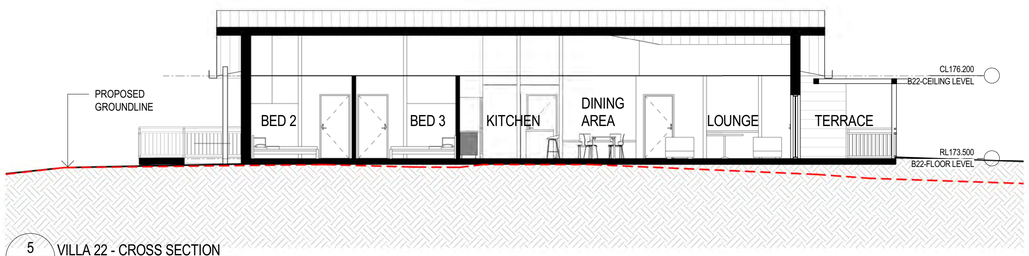

3 VILLA 22 - NORTH ELEVATION (REAR)
SCALE 1 : 100



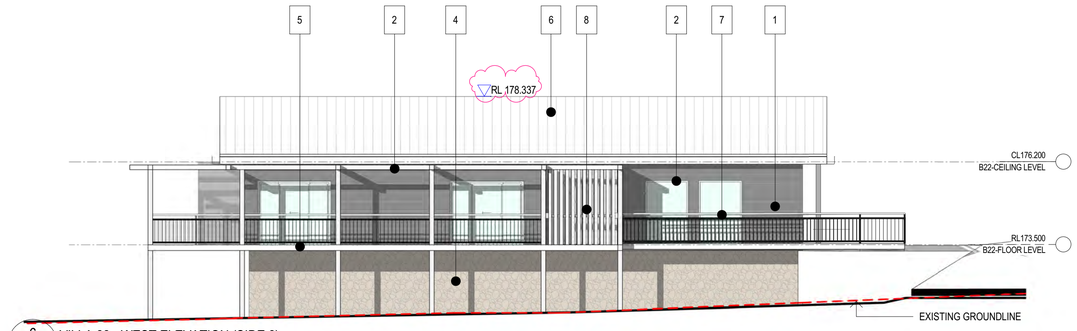

4 VILLA 22 - EAST ELEVATION (SIDE 1)
SCALE 1 : 100

MAX. 8.5M BUILDING HEIGHT CONTROL PLANE

MAX. 8M TO SEPP SENIORS 2004




5 VILLA 22 - CROSS SECTION
SCALE 1 : 100

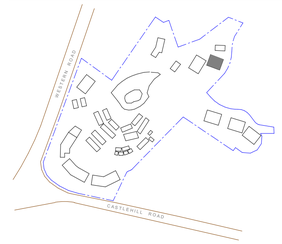



6 VILLA 22 - WEST ELEVATION (SIDE 2)
SCALE 1 : 100

VILLA - MATERIALS PALETTE TYPE 1

1 - WEATHERBOARD CLADDING; VARIED EARTH PALETTE
1 - CLADDING PAINT COLOUR
2 - WINDOW & ARCHITRAVE COLOUR
3 - FRONT DOOR COLOUR
4 - STONE CLADDING
5 - TIMBER DECKING
6 - ROOFING COLOUR
7 - WINDOW GLASS/ SIDE LIGHT
8 - ALUMINIUM SCREEN

KEY PLAN




0 2 5
SCALE 1:100

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

**DA ISSUE**

APPROVED BY: CA
CHECKED BY: TW

CLIENT
ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
PLAN, SECTION AND ELEVATIONS - VILLA 22

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 11/21/18 | 1 : 100 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-252 | 2 |

PROJECT
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
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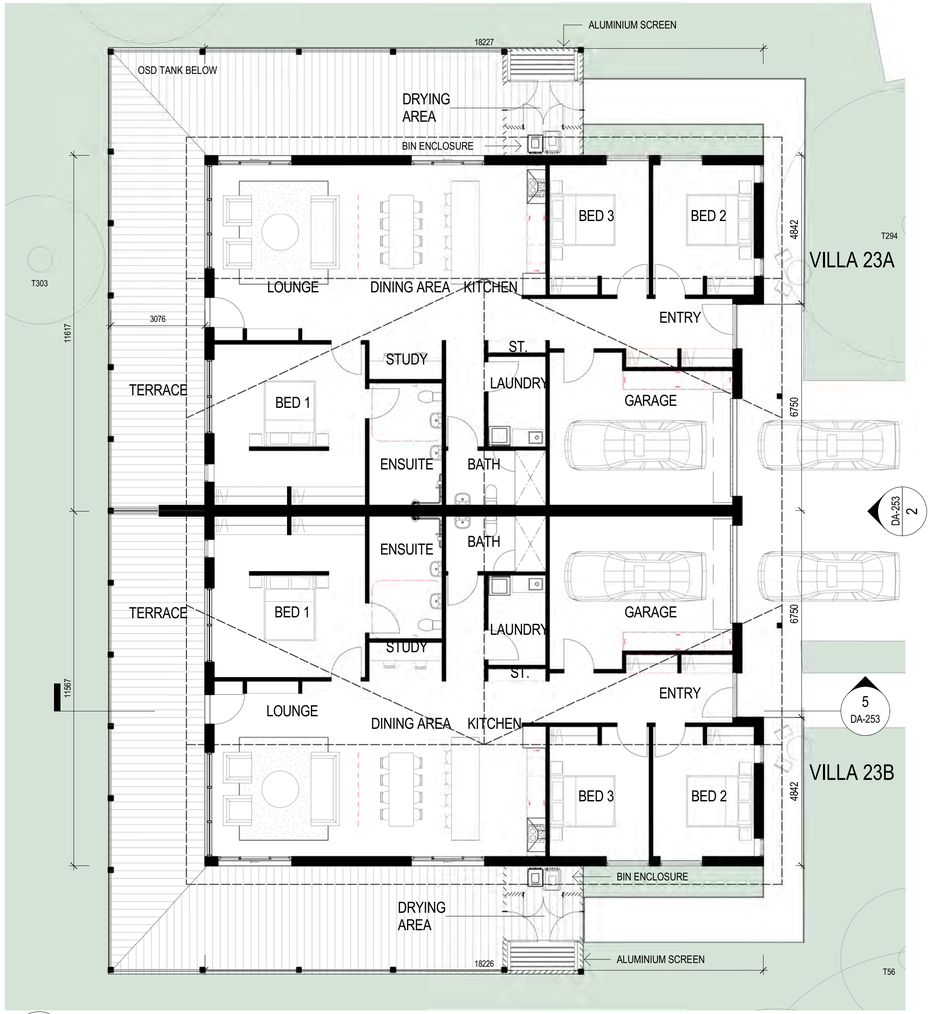
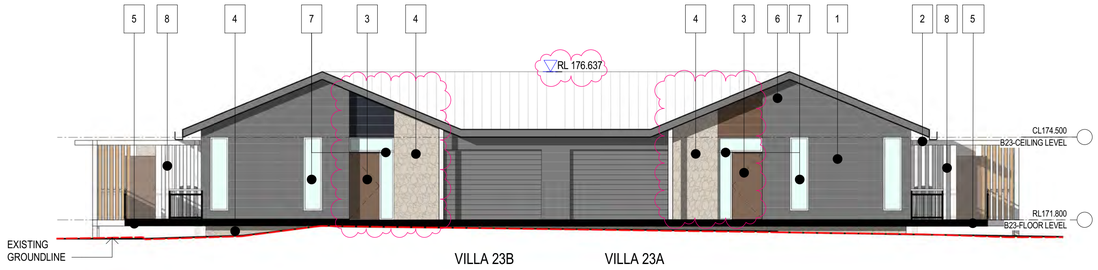
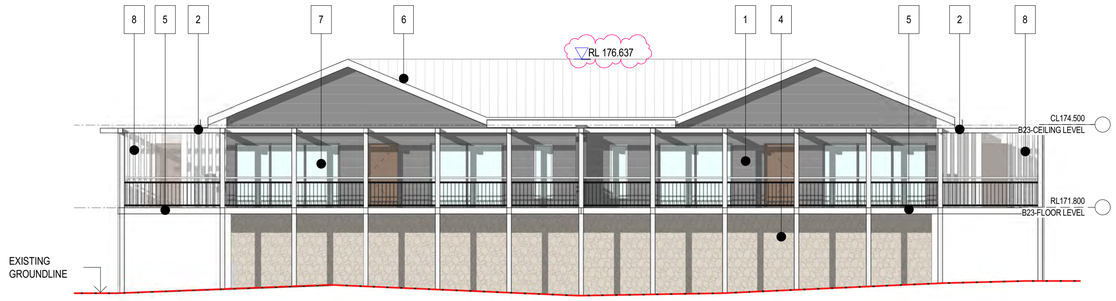
JACKSON TEECE



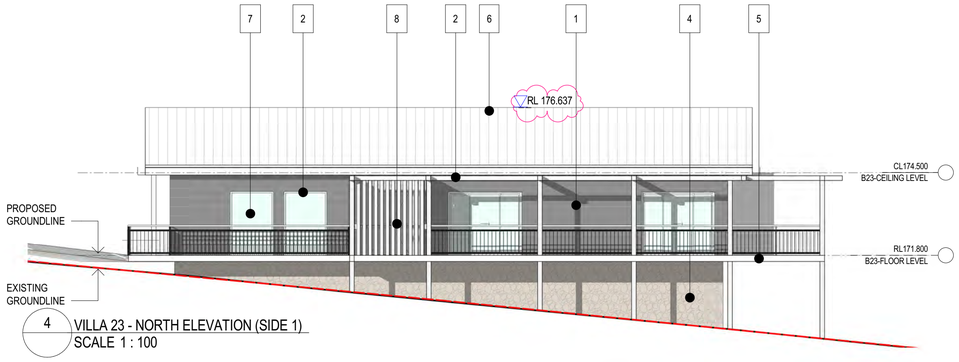

1 VILLA 23 - DOUBLE - FLOOR PLAN
SCALE 1 : 100



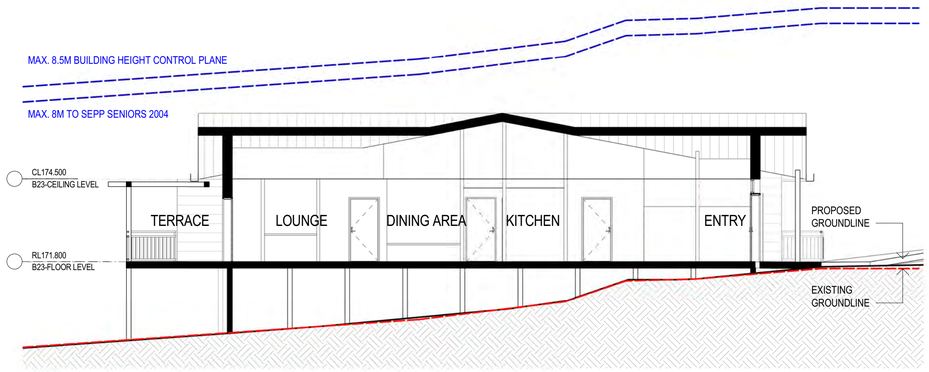

2 VILLA 23 - EAST ELEVATION (FRONT)
SCALE 1 : 100



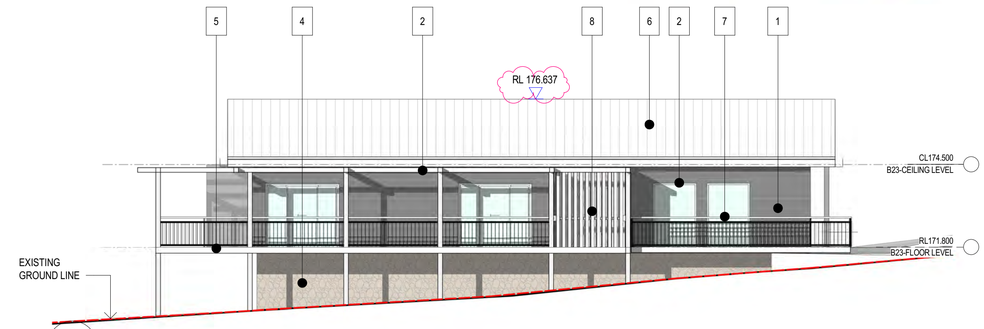

3 VILLA 23 - WEST ELEVATION (REAR)
SCALE 1 : 100




4 VILLA 23 - NORTH ELEVATION (SIDE 1)
SCALE 1 : 100




5 VILLA 23 - CROSS SECTION
SCALE 1 : 100




6 VILLA 23 - SOUTH ELEVATION (SIDE 2)
SCALE 1 : 100

VILLA - MATERIALS PALETTE TYPE 1

1 - WEATHERBOARD CLADDING; VARIED EARTH PALETTE
1 - CLADDING PAINT COLOUR
2 - WINDOW & ARCHITRAVE COLOUR
3 - FRONT DOOR COLOUR
4 - STONE CLADDING
5 - TIMBER DECKING
6 - ROOFING COLOUR
7 - WINDOW GLASS/ SIDE LIGHT
8 - ALUMINIUM SCREEN

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AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

KEY PLAN

0 2 5
SCALE 1:100

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

**DA ISSUE**

APPROVED BY: CA
CHECKED BY: TW

CLIENT
ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
PLAN, SECTION AND ELEVATIONS - VILLA 23

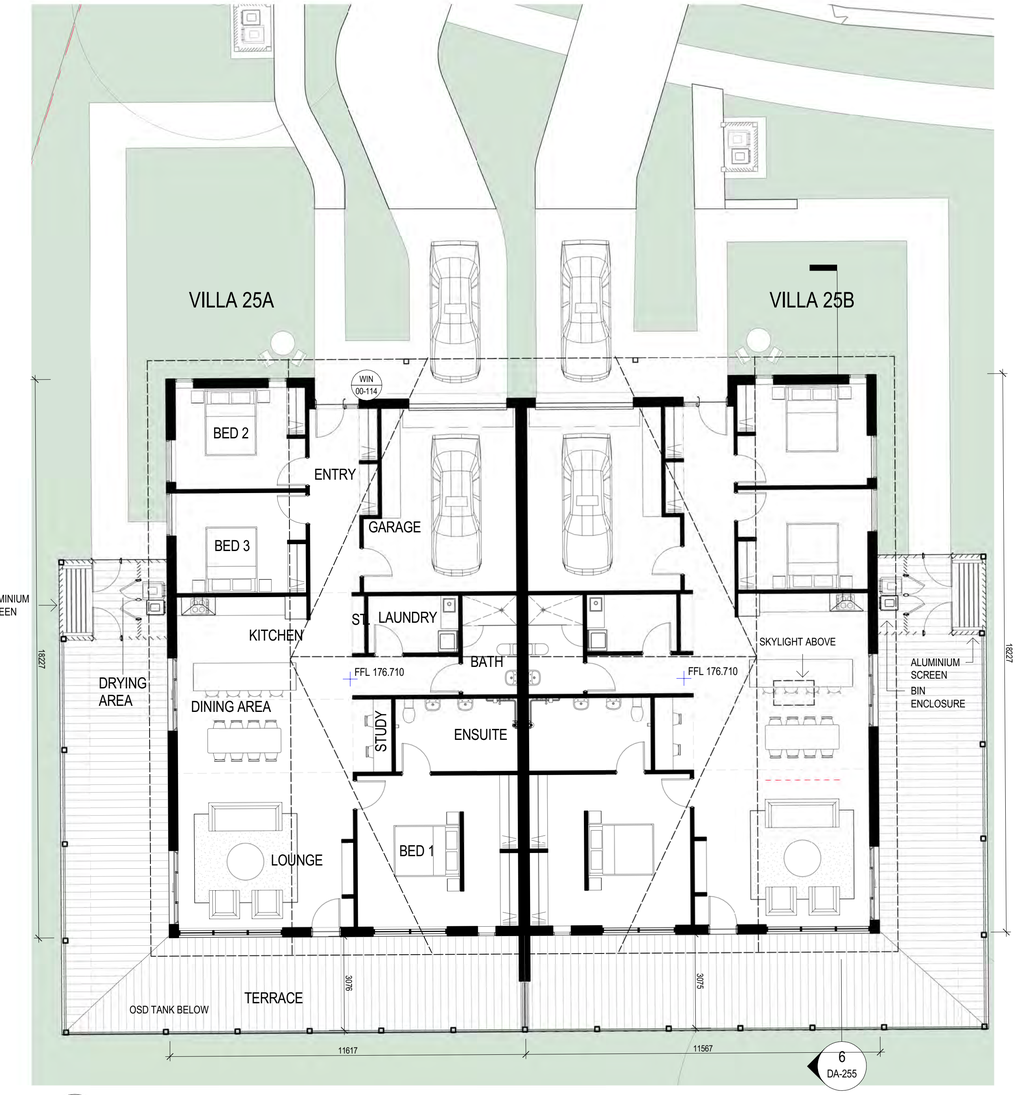
| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 11/21/18 | 1 : 100 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-253 | 2 |

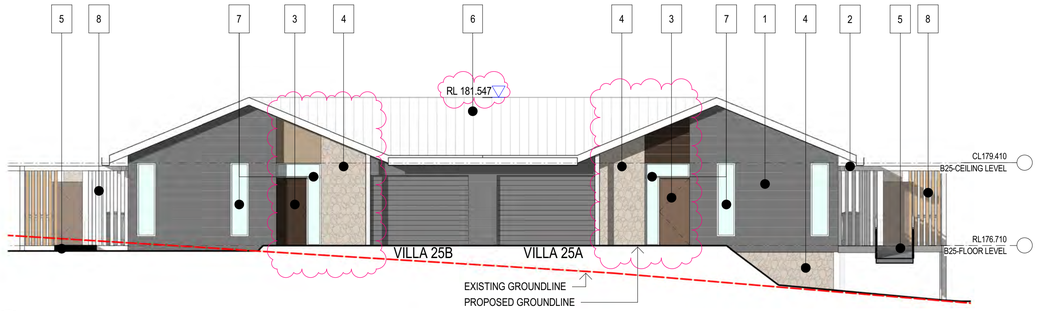
PROJECT
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

JACKSON TEECE

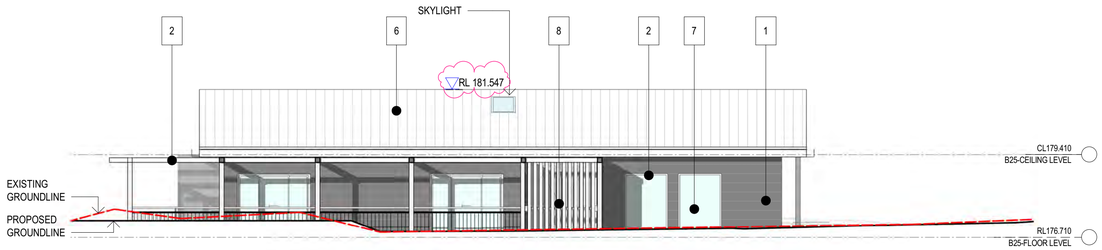



1 VILLA 25 - DOUBLE - FLOOR PLAN
SCALE 1 : 100

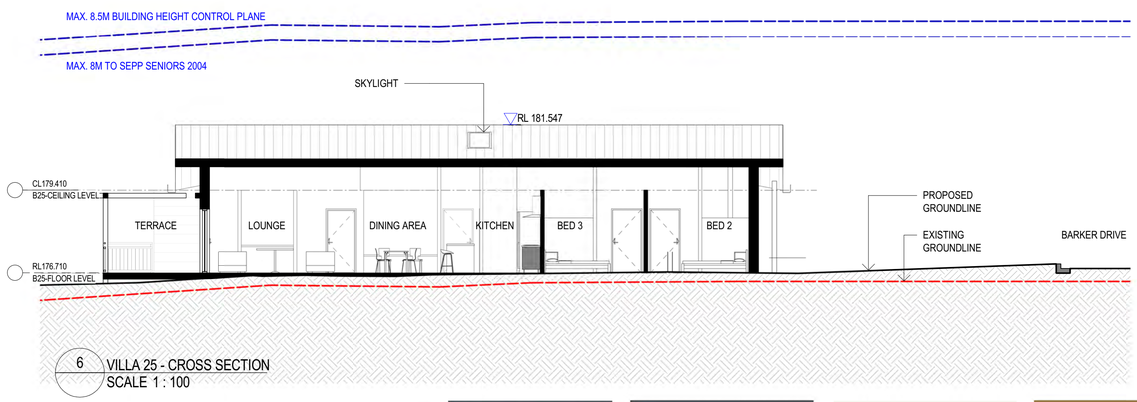



2 VILLA 25 - NORTH ELEVATION (FRONT)
SCALE 1 : 100

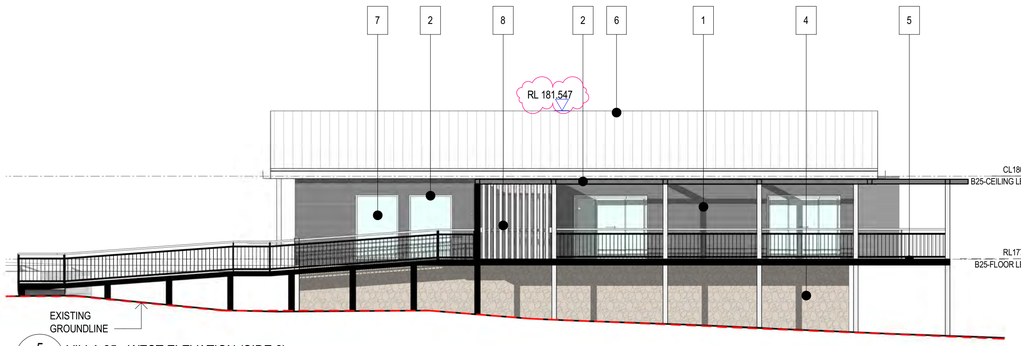
3 VILLA 25 - SOUTH ELEVATION (REAR)
SCALE 1 : 100




4 VILLA 25 - EAST ELEVATION (SIDE 1)
SCALE 1 : 100




6 VILLA 25 - CROSS SECTION
SCALE 1 : 100




5 VILLA 25 - WEST ELEVATION (SIDE 2)
SCALE 1 : 100

VILLA - MATERIALS PALETTE TYPE 1

1 - WEATHERBOARD CLADDING; VARIED EARTH PALETTE
1 - CLADDING PAINT COLOUR
2 - WINDOW & ARCHITRAVE COLOUR
3 - FRONT DOOR COLOUR
4 - STONE CLADDING
5 - TIMBER DECKING
6 - ROOFING COLOUR
7 - WINDOW GLASS/ SIDE LIGHT
8 - ALUMINIUM SCREEN

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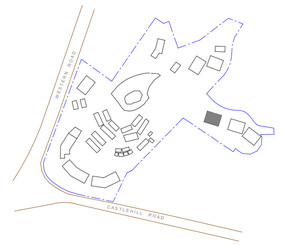
AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

KEY PLAN




0 2 5
SCALE 1:100

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

**DA ISSUE**

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CHECKED BY: TW

**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
PLAN, SECTION AND ELEVATIONS - VILLA 25

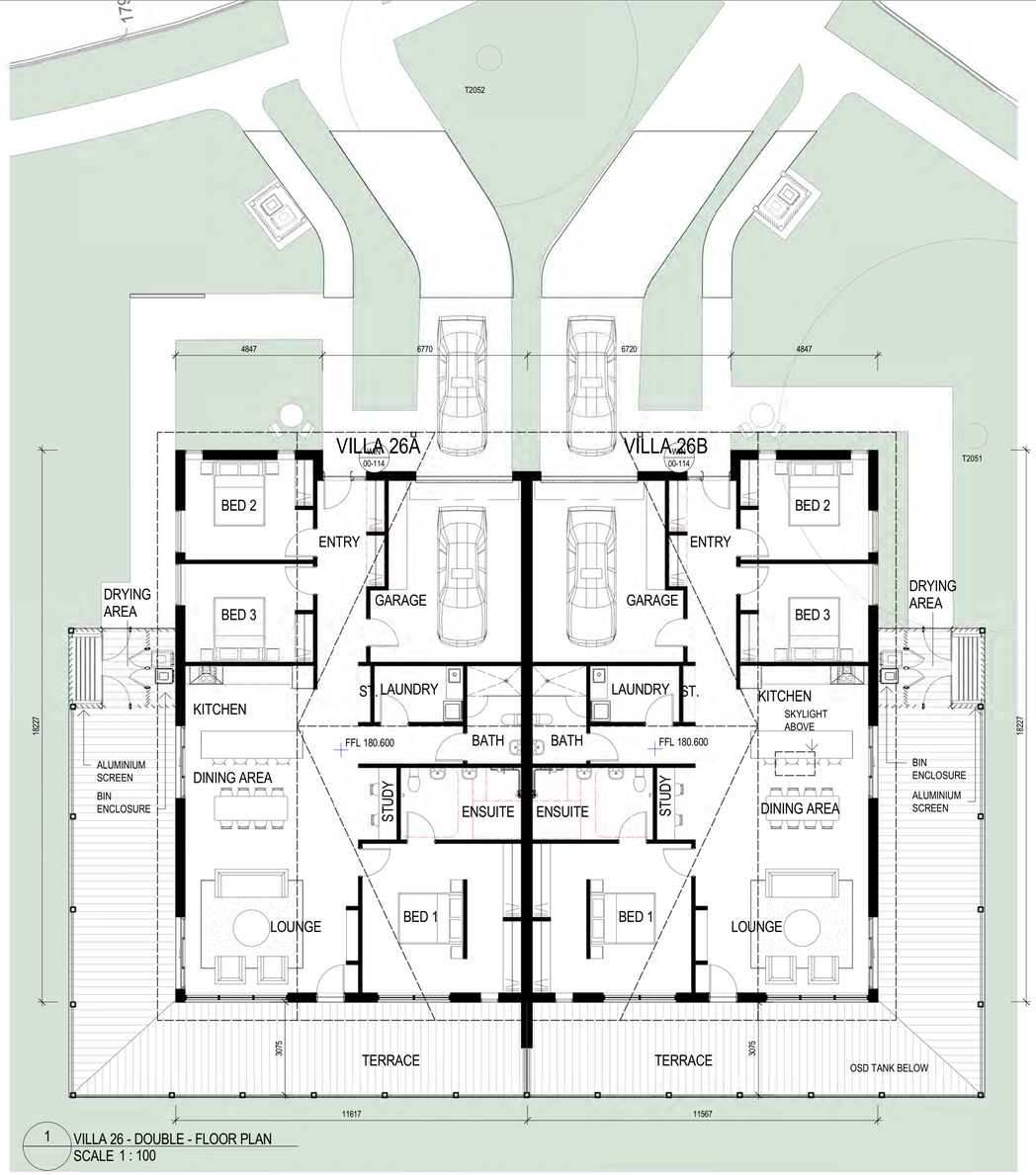
| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 11/21/18 | 1 : 100 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-255 | 2 |

**PROJECT**
201656 WESTERN ROAD

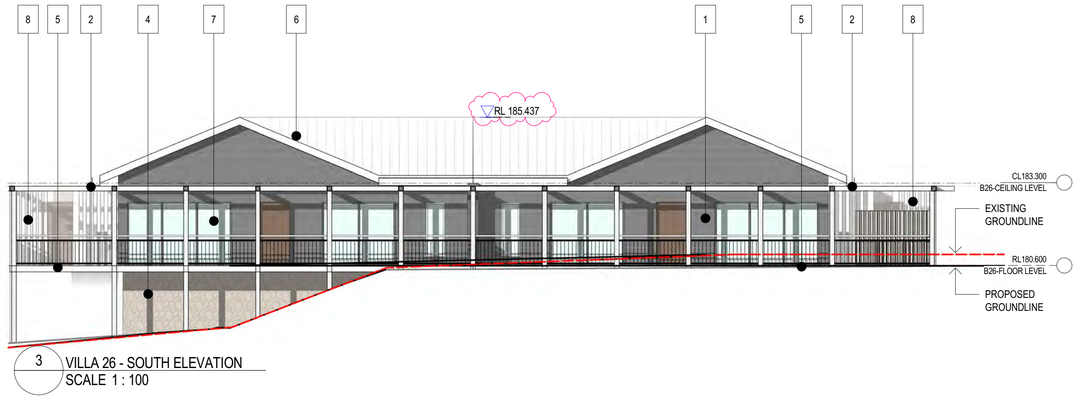
Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 877 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

JACKSON TEECE

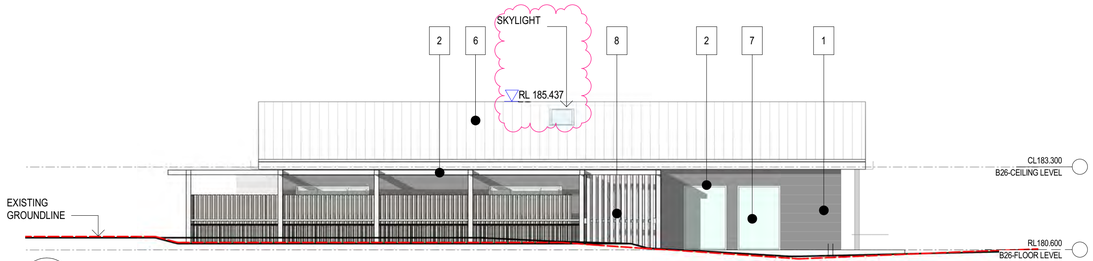



1 VILLA 26 - DOUBLE - FLOOR PLAN
SCALE 1 : 100

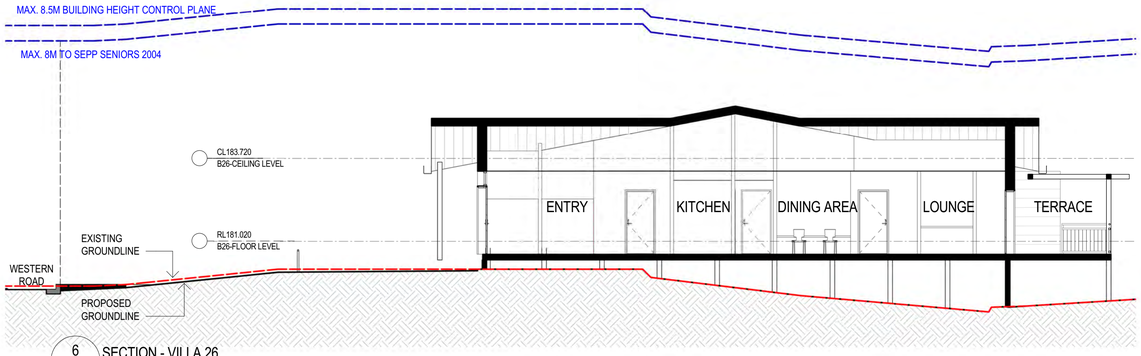
2 VILLA 26 - NORTH ELEVATION
SCALE 1 : 100



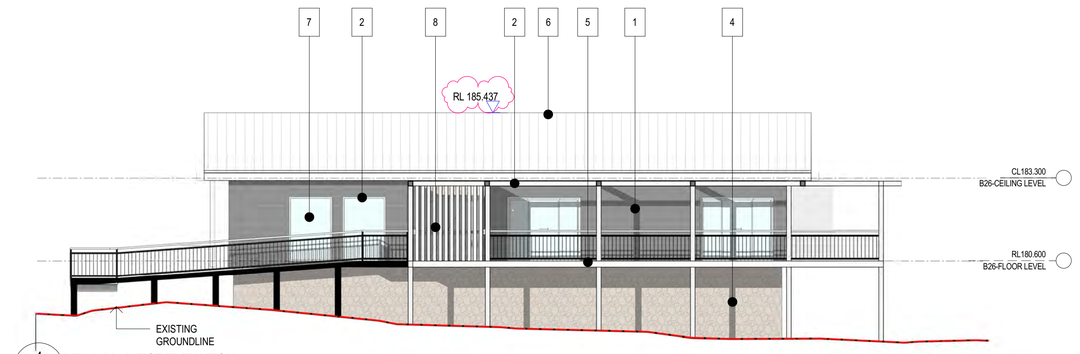

3 VILLA 26 - SOUTH ELEVATION
SCALE 1 : 100




5 VILLA 26 - EAST ELEVATION
SCALE 1 : 100




6 SECTION - VILLA 26
SCALE 1 : 100




4 VILLA 26 - WEST ELEVATION
SCALE 1 : 100

VILLA - MATERIALS PALETTE TYPE 2

1 - WEATHERBOARD CLADDING; VARIED EARTH PALETTE
1 - CLADDING PAINT COLOUR
2 - WINDOW & ARCHITRAVE COLOUR
3 - FRONT DOOR COLOUR
4 - STONE CLADDING
5 - TIMBER DECKING
6 - ROOFING COLOUR
7 - WINDOW GLASS/ SIDE LIGHT
8 - ALUMINIUM SCREEN

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AMENDMENTS

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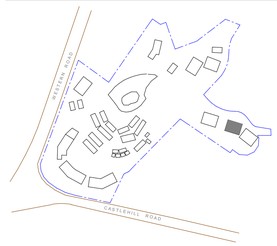
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

KEY PLAN




0 2 5
SCALE 1:100

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**DA ISSUE**

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CHECKED BY: TW

CLIENT
ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
PLAN, SECTION AND ELEVATIONS - VILLA 26

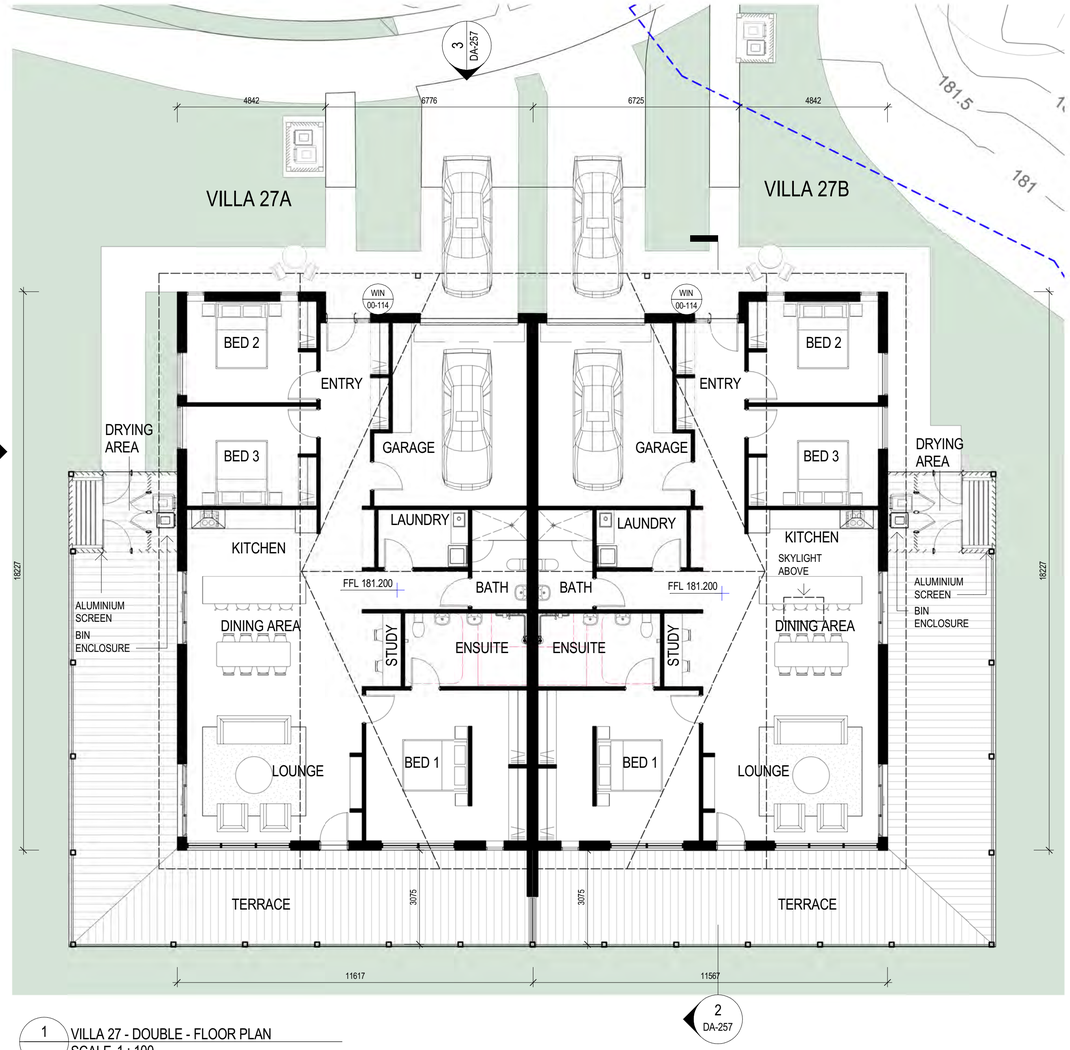
| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 11/21/18 | 1 : 100 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-256 | 2 |

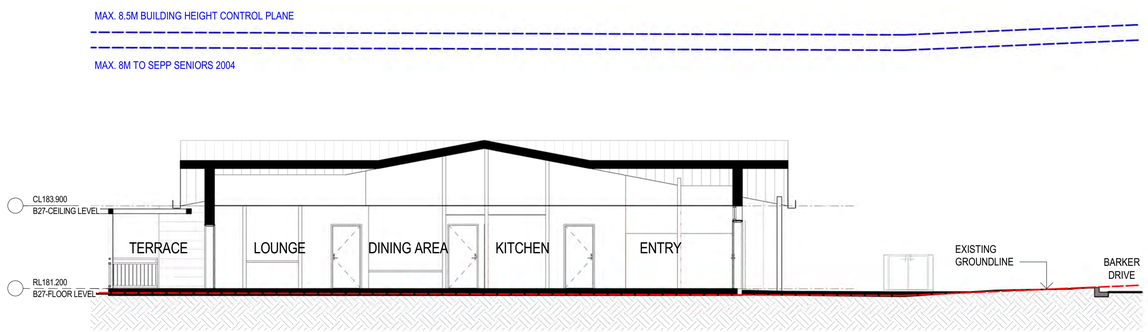
PROJECT
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

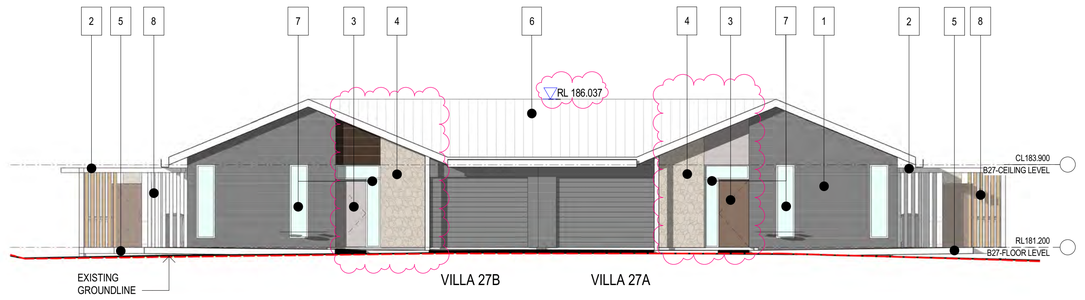
JACKSON TEECE




1 VILLA 27 - DOUBLE - FLOOR PLAN
SCALE 1 : 100



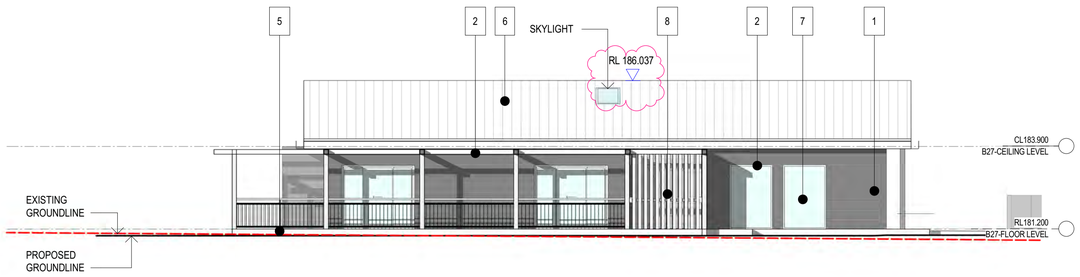

2 VILLA 27 - CROSS SECTION
SCALE 1 : 100




3 VILLA 27 - NORTH ELEVATION (FRONT)
SCALE 1 : 100

4 VILLA 27 - SOUTH ELEVATION (REAR)
SCALE 1 : 100

5 VILLA 27 - EAST ELEVATION (SIDE 1)
SCALE 1 : 100




6 VILLA 27 - WEST ELEVATION (SIDE 2)
SCALE 1 : 100

VILLA - MATERIALS PALETTE TYPE 2

1 - WEATHERBOARD CLADDING; VARIED EARTH PALETTE
1 - CLADDING PAINT COLOUR
2 - WINDOW & ARCHITRAVE COLOUR
3 - FRONT DOOR COLOUR
4 - STONE CLADDING
5 - TIMBER DECKING
6 - ROOFING COLOUR
7 - WINDOW GLASS/ SIDE LIGHT
8 - ALUMINIUM SCREEN

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AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
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| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

KEY PLAN

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

**DA ISSUE**

APPROVED BY: CA
CHECKED BY: TW

CLIENT
ANGLICARE CASTLE HILL

ADDRESS
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

DRAWING
PLAN, SECTION AND ELEVATIONS - VILLA 27

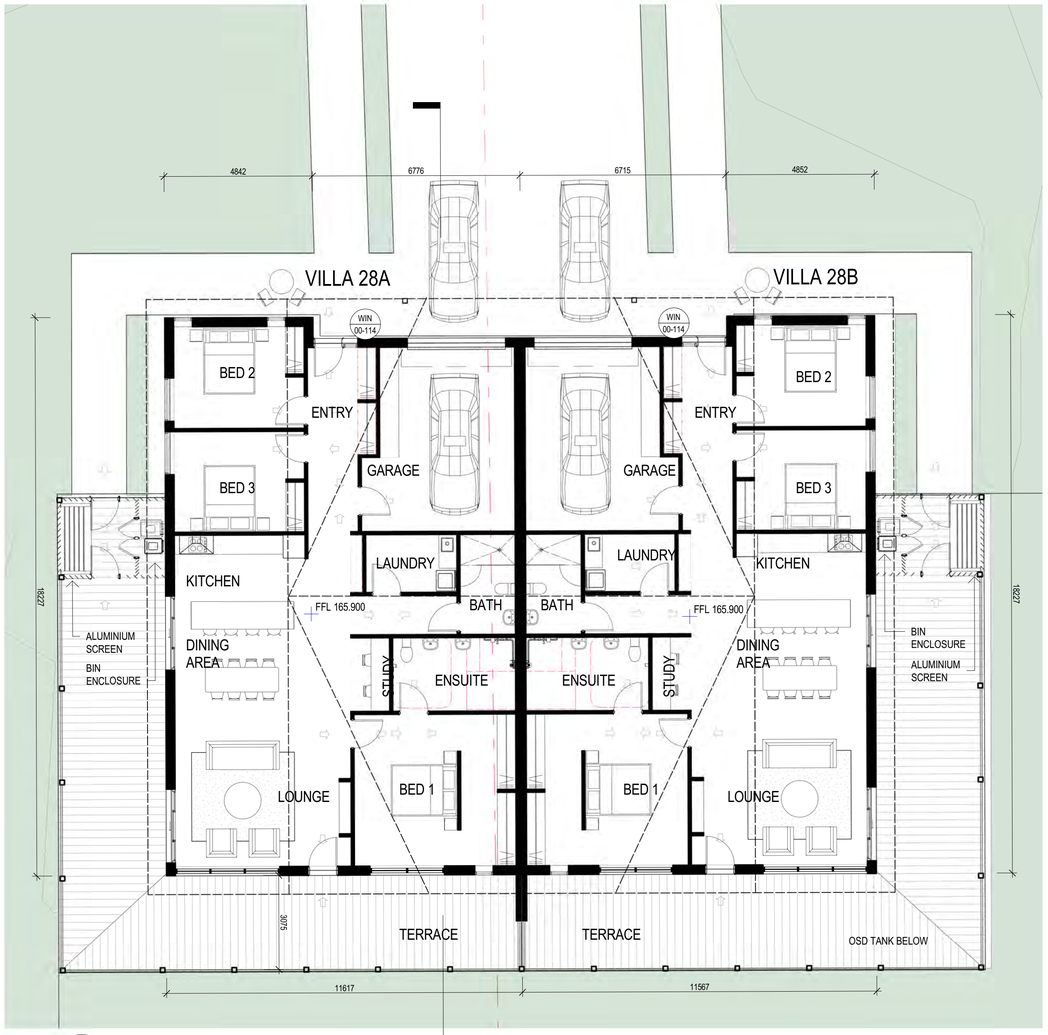
| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 11/21/18 | 1 : 100 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-257 | 2 |

PROJECT
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

JACKSON TEECE

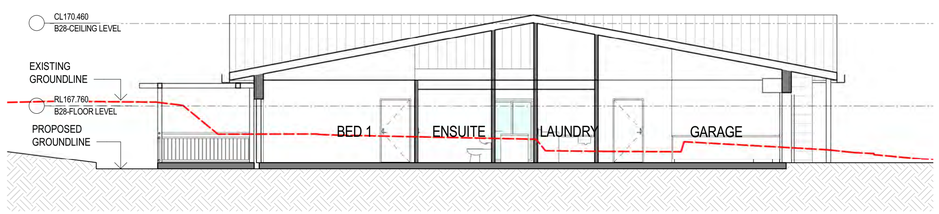



1 VILLA 28 - DOUBLE - FLOOR PLAN
SCALE 1 : 100

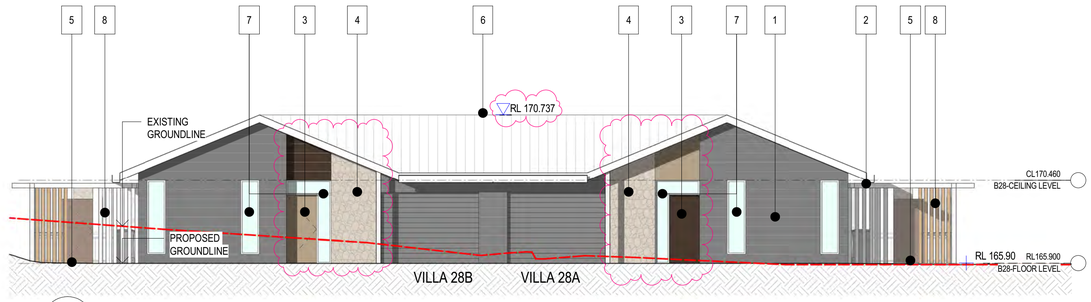
2 DA-258

MAX. 8.5M BUILDING HEIGHT CONTROL PLANE

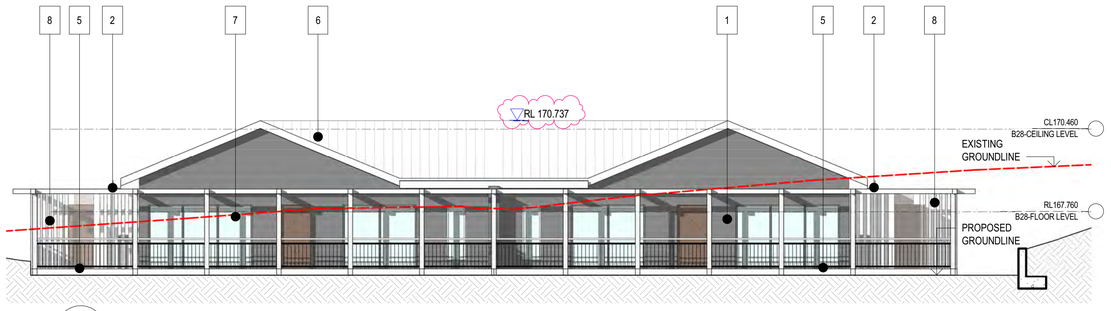
MAX. 8M TO SEPP SENIORS 2004



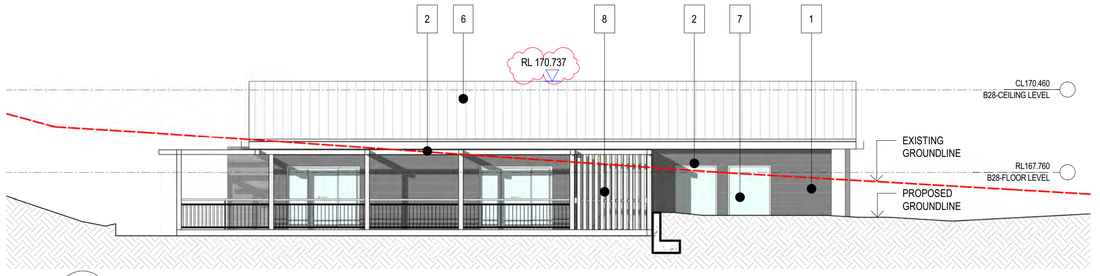

2 VILLA 28 - CROSS SECTION
SCALE 1 : 100




3 VILLA 28 - EAST ELEVATION
SCALE 1 : 100




4 VILLA 28 - WEST ELEVATION
SCALE 1 : 100




5 VILLA 28- SOUTH ELEVATION
SCALE 1 : 100

6 VILLA 28 - NORTH ELEVATION
SCALE 1 : 100

VILLA - MATERIALS PALETTE TYPE 2

1 - WEATHERBOARD CLADDING; VARIED EARTH PALETTE

1 - CLADDING PAINT COLOUR

2 - WINDOW & ARCHITRAVE COLOUR

3 - FRONT DOOR COLOUR

4 - STONE CLADDING

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8 - ALUMINIUM SCREEN

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## AMENDMENTS

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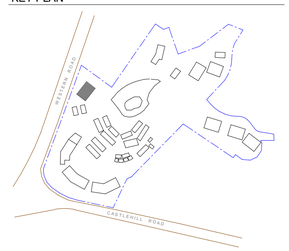
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

KEY PLAN

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**DA ISSUE**

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**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
PLAN, SECTION AND ELEVATIONS - VILLA 28

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 100 | LY |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-258 | 2 |

**PROJECT**
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 857 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)
JACKSON TEECE

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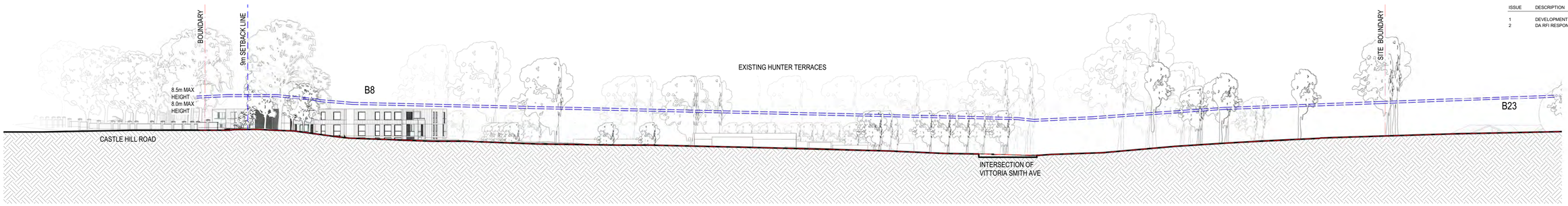
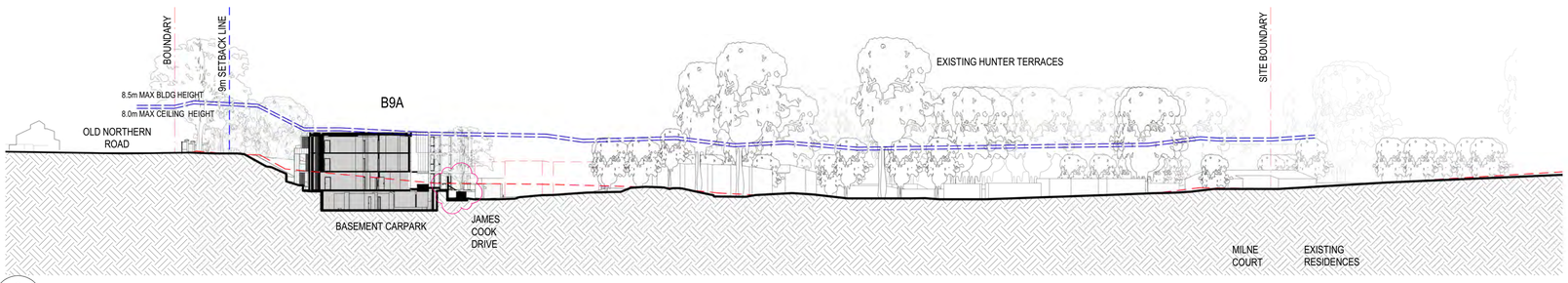



1 SITE SECTION ALONG WESTERN ROAD

2 SITE SECTION CASTLE HILL ROAD




3 SITE SECTION OLD NORTHERN ROAD

4 SITE SECTION EAST-WEST
DA-052 1 : 500

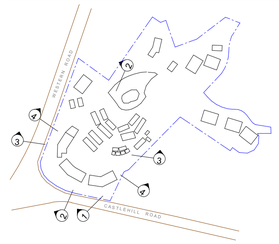
NOTES

- THE HEIGHT & GROUND LINES IN THE SECTION ARE SHOWN AT THE POINT THE SECTION IS CUT ONLY. THESE LINES DO NOT REFER TO BUILDINGS IN THE BACKGROUND.

LEGEND

- HORNSBY LEP 2013 MAXIMUM HEIGHT CONTROL PLANE 8.5m.
- SEPP SENIORS, 2004 MAXIMUM HEIGHT OF CEILING CONTROL PLANE 8.0m.
- EXISTING GROUND HEIGHT AT SECTION CUT.

KEY PLAN




0 10 20
SCALE 1:500

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**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
SITE SECTIONS - SHEET 1

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 500 | DL/DK |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-300 | 2 |

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201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
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Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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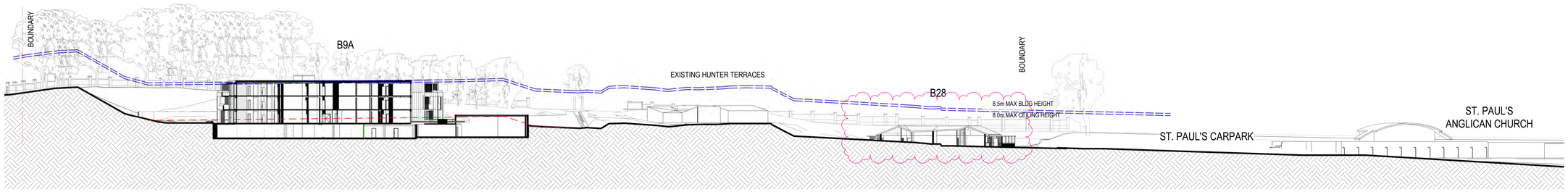
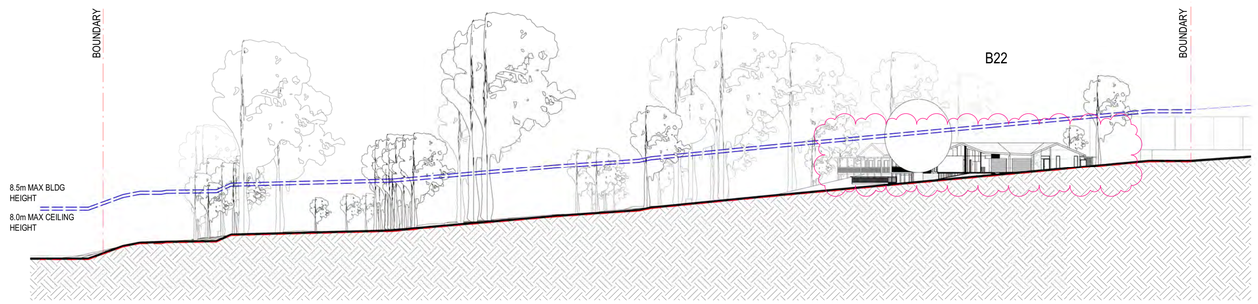
AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |




1 RACF CROSS SECTION

2 SITE SECTION F-F




3 SITE SECTION G-G

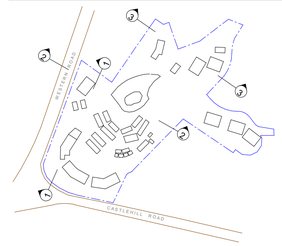
NOTES

- THE HEIGHT & GROUND LINES IN THE SECTION ARE SHOWN AT THE POINT THE SECTION IS CUT ONLY. THESE LINES DO NOT REFER TO BUILDINGS IN THE BACKGROUND.

LEGEND

- HORNSBY LEP 2013 MAXIMUM HEIGHT CONTROL PLANE 8.5m.
- SEPP SENIORS, 2004 MAXIMUM HEIGHT OF CEILING CONTROL PLANE 8.0m.
- EXISTING GROUND HEIGHT AT SECTION CUT.

KEY PLAN

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SCALE 1:500

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**CLIENT**
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**DRAWING**
SITE SECTIONS - SHEET 2

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 500 | DL/DK |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-301 | 2 |

**PROJECT**
201656 WESTERN ROAD

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T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 857 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)
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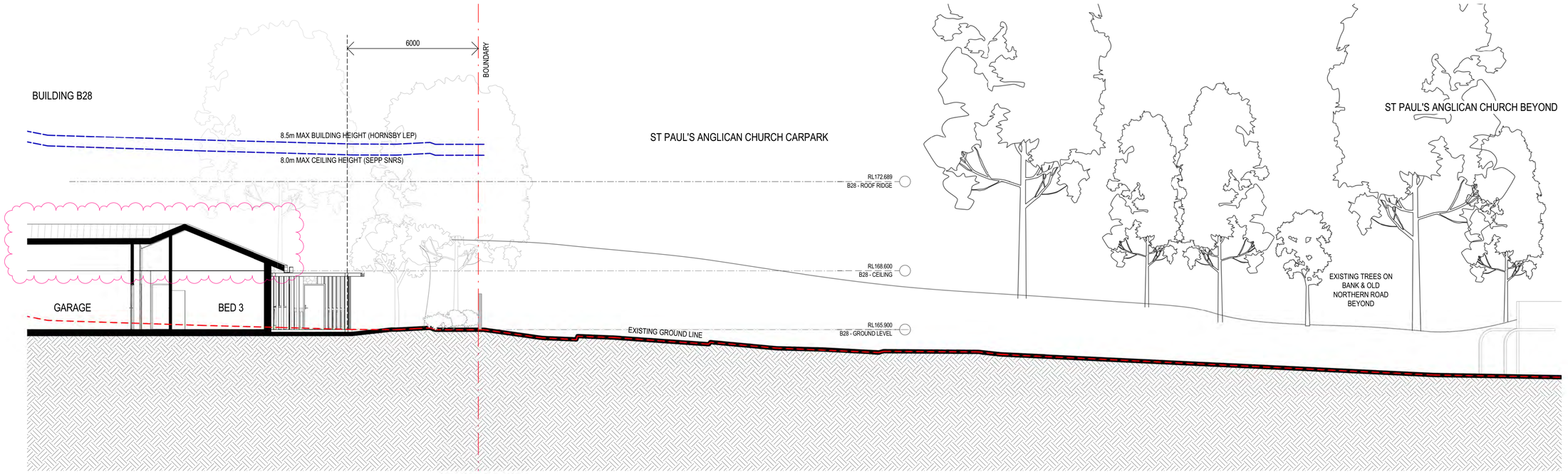


1 BUILDING B28 SECTION AT NORTHERN BOUNDARY TO CHURCH

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NOTES:

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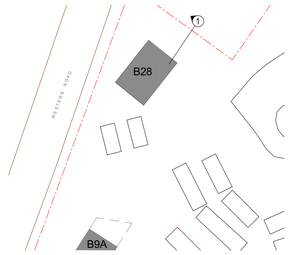
LEGEND

EXISTING GROUND HEIGHT AT THE FACE OF THE ELEVATION SHOWN

LOT BOUNDARY LINES

KEY PLAN

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SCALE 1:100

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DA DETAILED SECTIONS

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 09/19/19 | 1 : 100 | ZE |

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|---|---|---|---|
| 2016056 | A | DA-351 | 2 |

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T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
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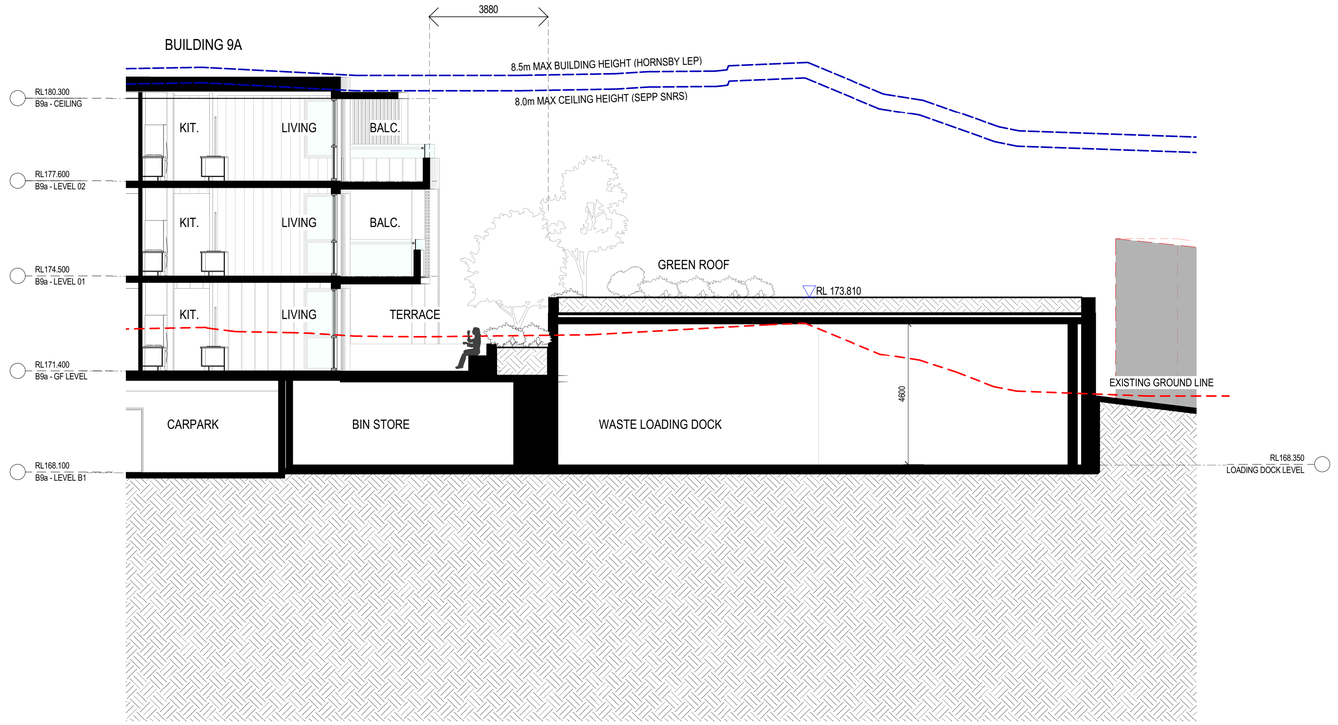
3 BLDG 9A AT WESTERN BOUNDARY LOOKING SOUTH
SCALE

**NOTE:** INDICATIVE IMAGE SHOWING BUILDING + FINISHED GROUND LEVEL ONLY




1 BUILDING 18/9A SECTION THROUGH LOADING DOCK 02

NOTES:

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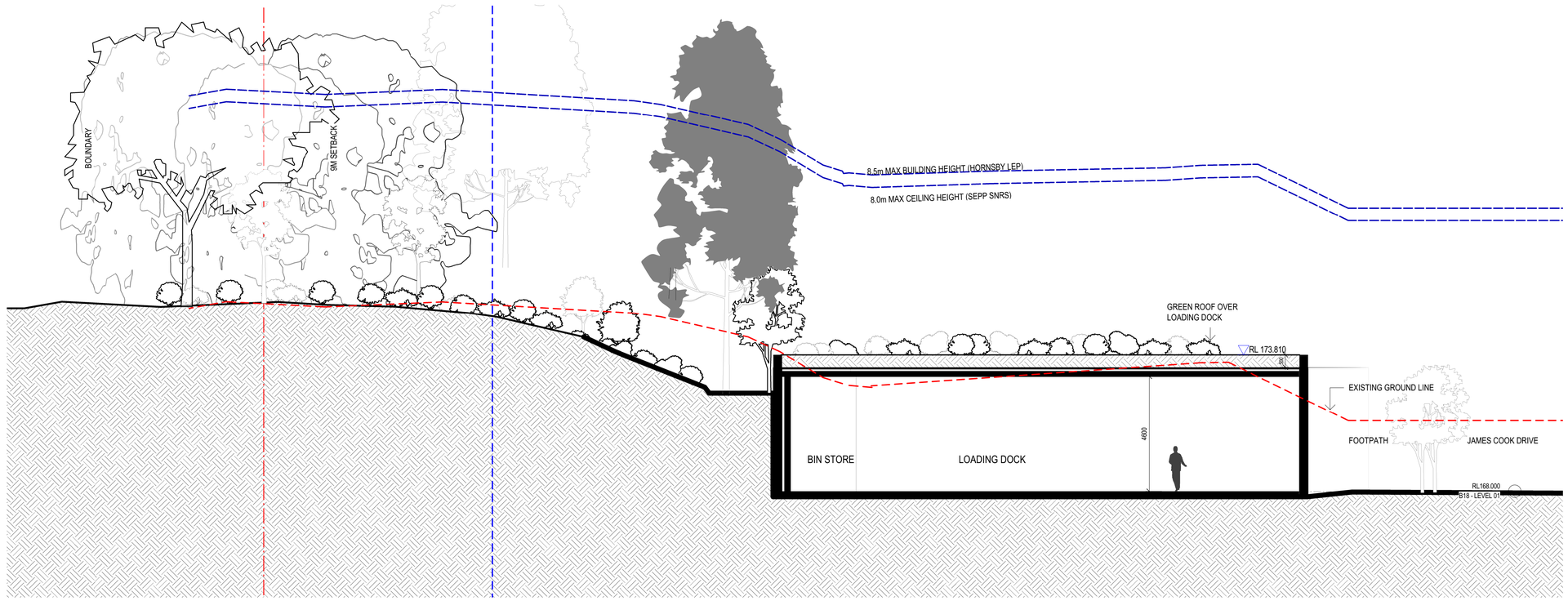
LEGEND

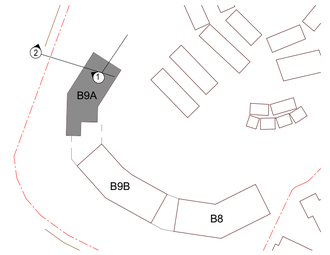
EXISTING GROUND HEIGHT AT THE FACE OF THE ELEVATION SHOWN

LOT BOUNDARY LINES




2 SECTION THROUGH LOADING DOCK LOOKING NORTH

KEY PLAN

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| 2016056 | A | DA-352 | 1 |

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T 61 2 9290 2722 F 61 2 9290 1150
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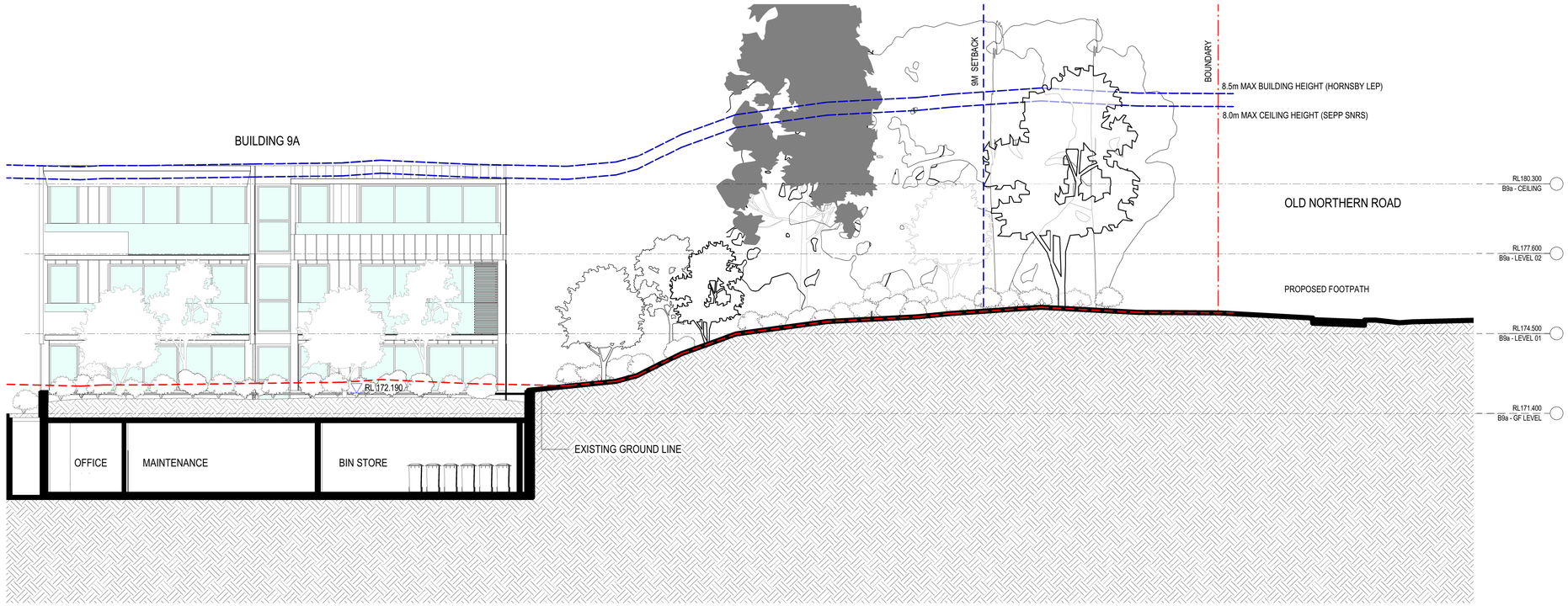
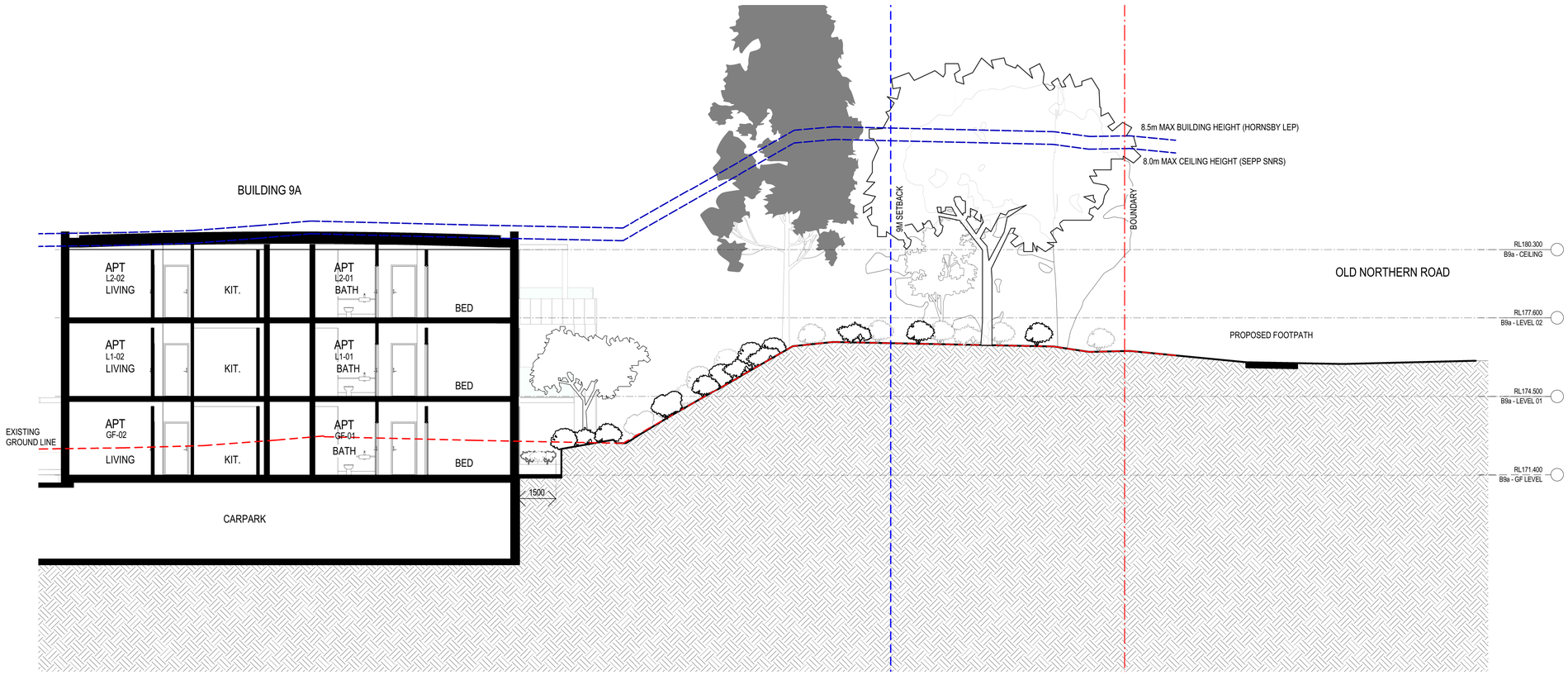



1 BUILDING 9A WESTERN BOUNDARY LOOKING SOUTH 01




2 BUILDING 9A WESTERN BOUNDARY LOOKING SOUTH 02

NOTES:

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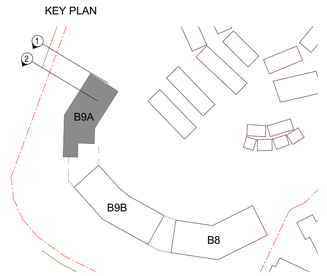
LEGEND

EXISTING GROUND HEIGHT AT THE FACE OF THE ELEVATION SHOWN

LOT BOUNDARY LINES

KEY PLAN

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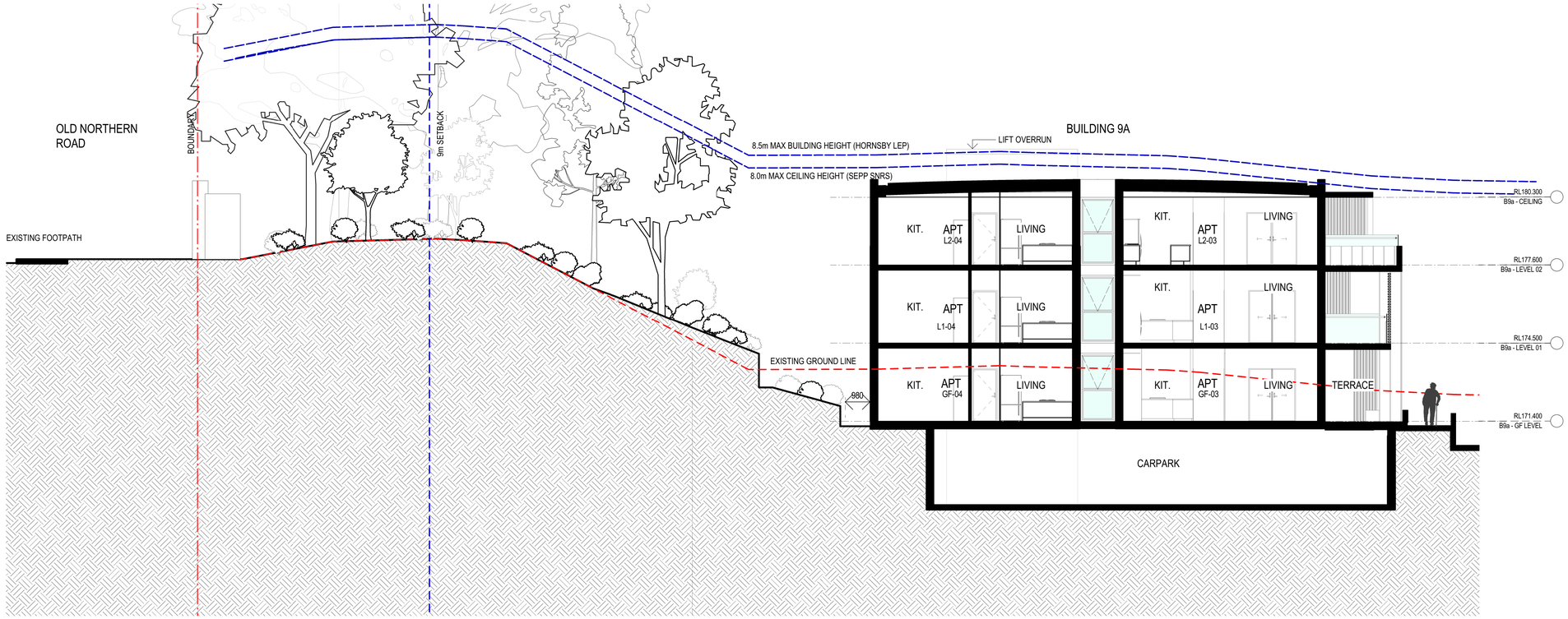
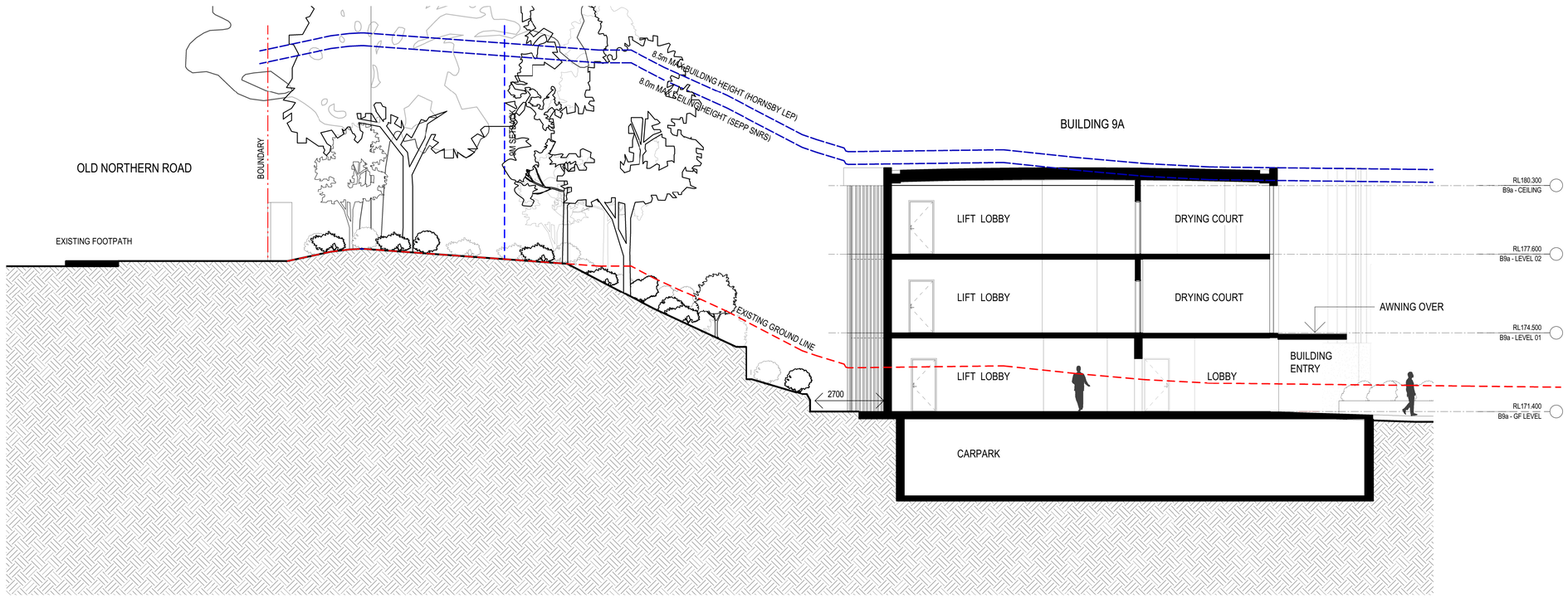



1 BUILDING 9A WESTERN BOUNDARY LOOKING NORTH 01




2 BUILDING 9A WESTERN BOUNDARY LOOKING NORTH 02

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LEGEND

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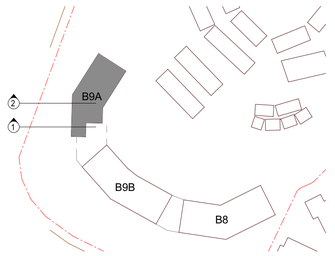
LOT BOUNDARY LINES

KEY PLAN

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| 2016056 | A | DA-354 | 1 |

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T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)
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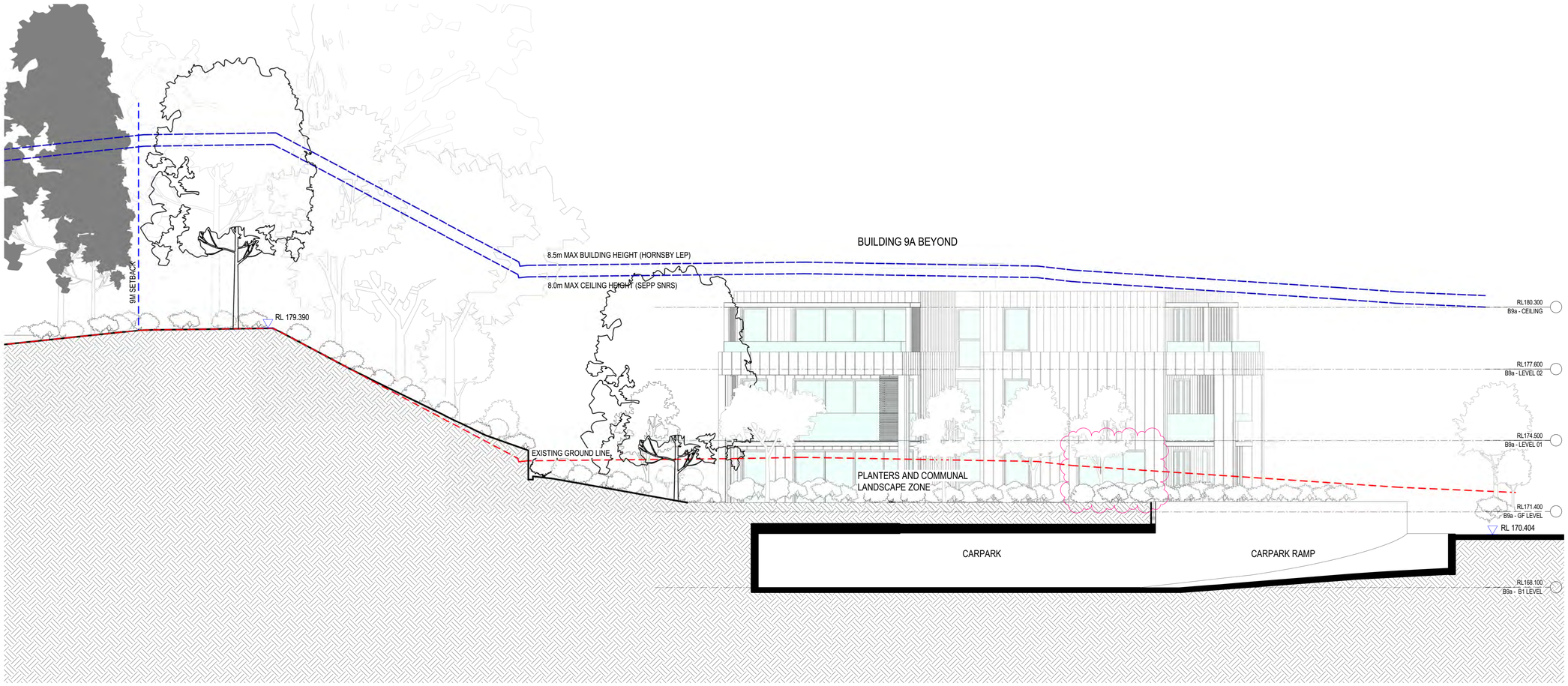
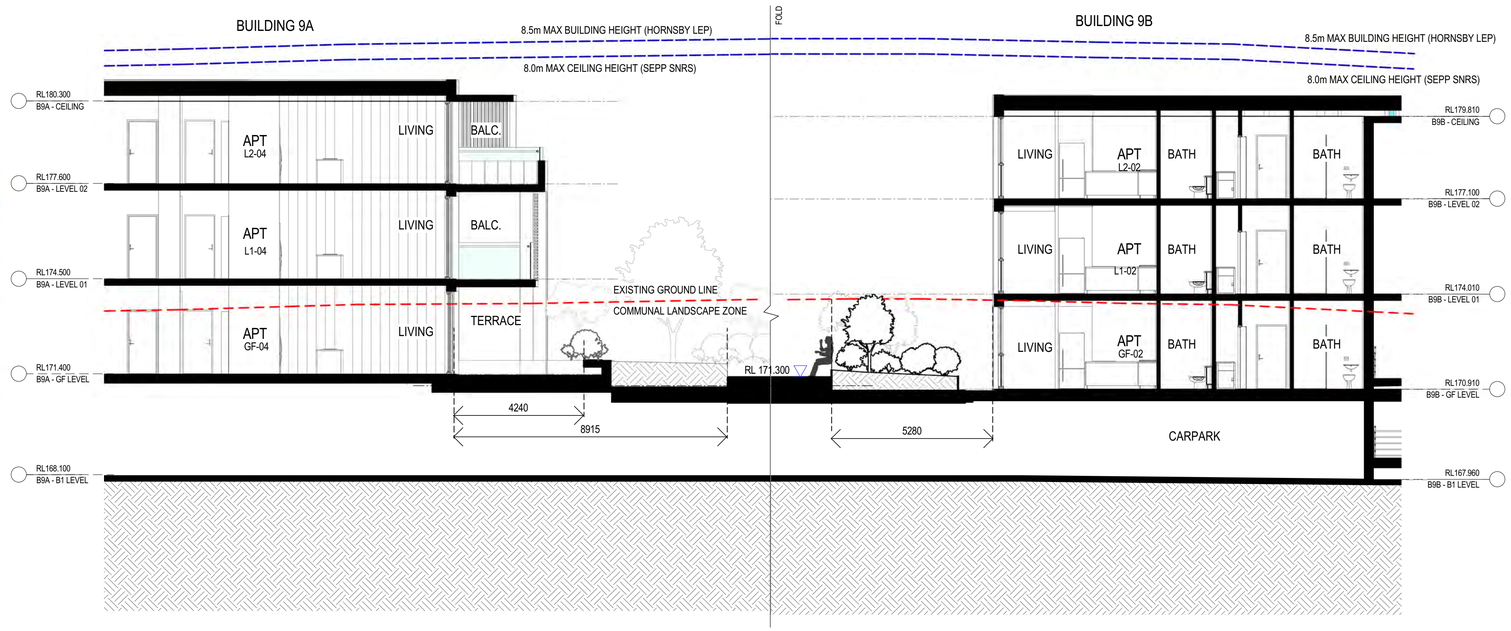



1 BUILDING 9A SECTION THROUGH CARPARK ENTRY RAMP

4 TERRACE BETWEEN BLDG 9A & 9B LOOKING NORTH

**NOTE:** INDICATIVE IMAGE SHOWING BUILDING + FINISHED GROUND LEVEL ONLY




2 BUILDING 9A SECTION THROUGH CARPARK AND GREEN ROOF

3 BUILDING 9B SECTION THROUGH CARPARK AND GREEN ROOF

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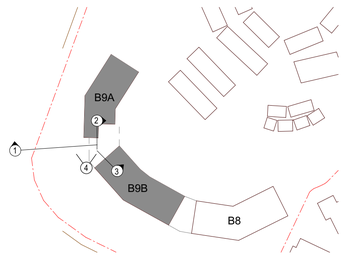
LEGEND

- EXISTING GROUND HEIGHT AT THE FACE OF THE ELEVATION SHOWN
- LOT BOUNDARY LINES

KEY PLAN

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CASTLE HILL NSW 2154

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DA DETAILED SECTIONS

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
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|---|---|---|---|
| 2016056 | A | DA-355 | 2 |

**PROJECT**
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Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
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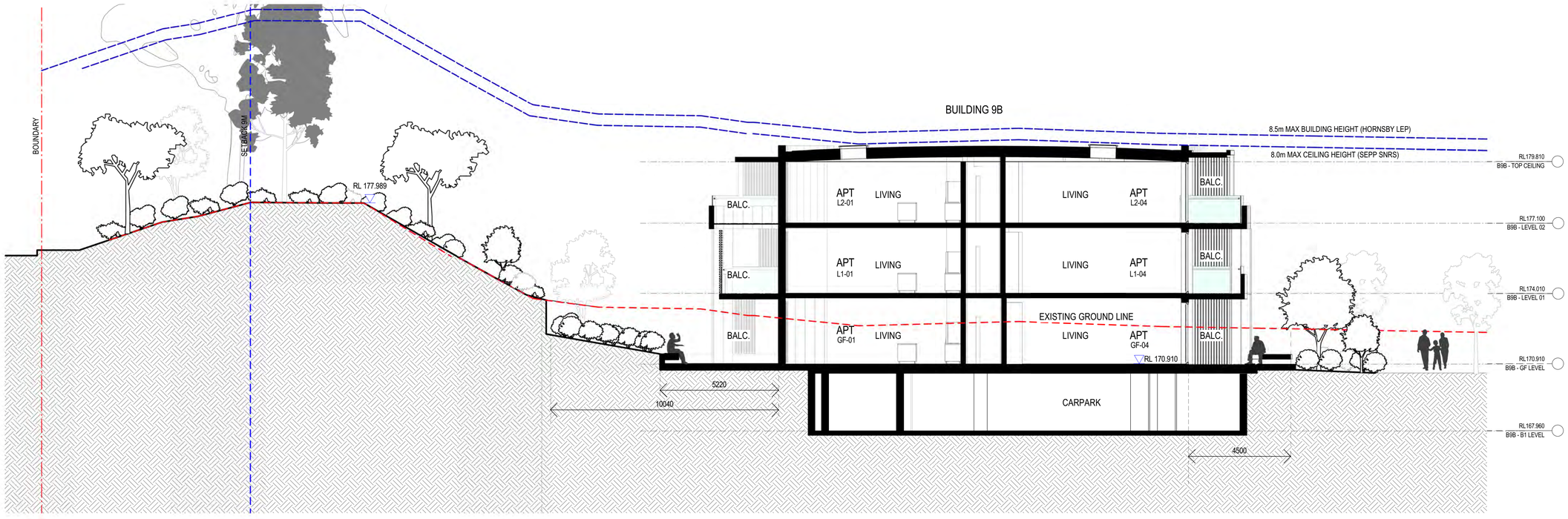


1 BUILDING 9B SECTION LOOKING WEST 01

2 BUILDING 9B SECTION LOOKING WEST 02

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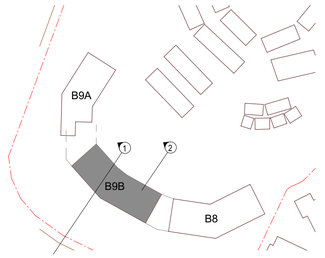
LOT BOUNDARY LINES

KEY PLAN

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PROJECT
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Walsh Bay New South Wales 2000 Australia
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Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 857 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

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AMENDMENTS

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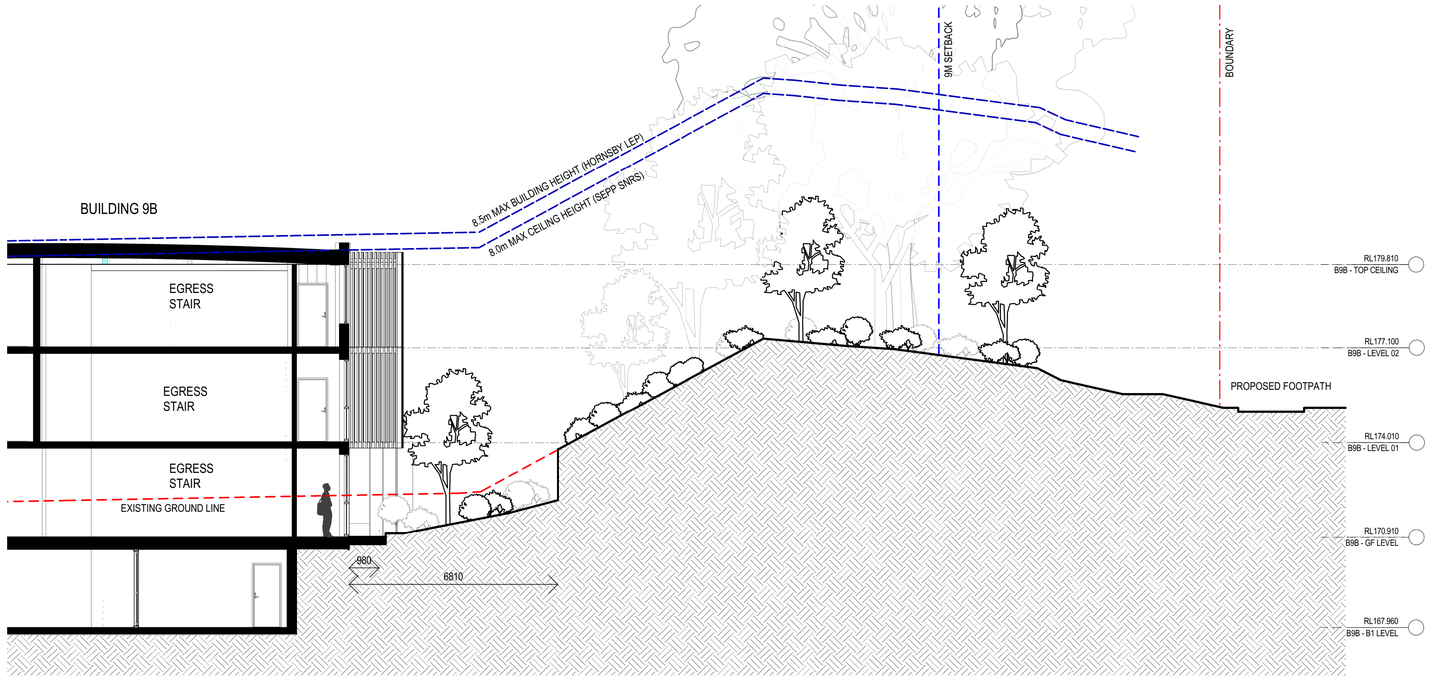
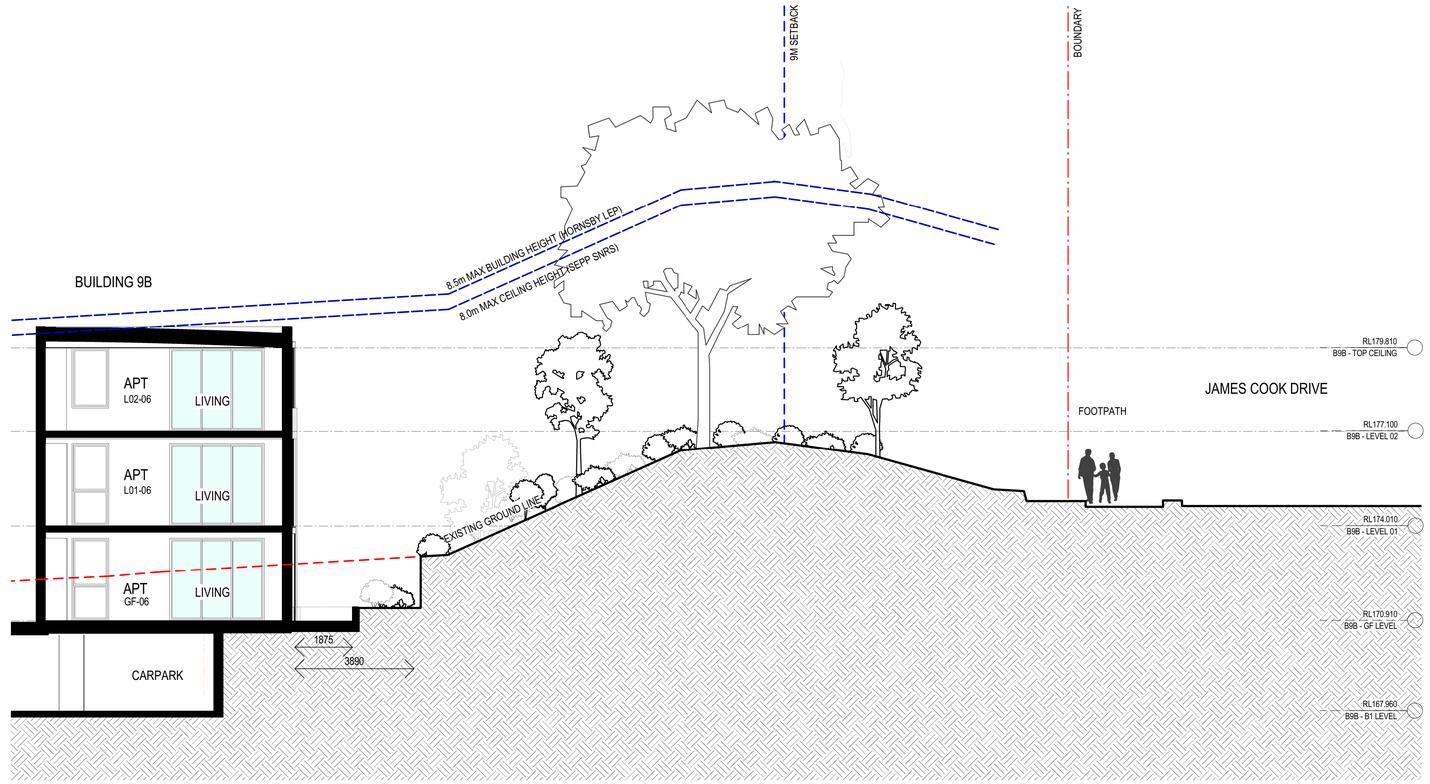
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |




1 BUILDING 9B SOUTHERN BOUNDARY SECTION 01




2 BUILDING 9B SOUTHERN BOUNDARY SECTION 02

NOTES:

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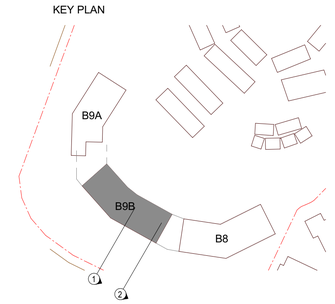
LEGEND

EXISTING GROUND HEIGHT AT THE FACE OF THE ELEVATION SHOWN

LOT BOUNDARY LINES

KEY PLAN

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DRAWING
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| DATE | SCALE @ A1 | DRAWN |
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| 2016056 | A | DA-357 | 1 |

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E sydney@jacksonteece.com
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ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)
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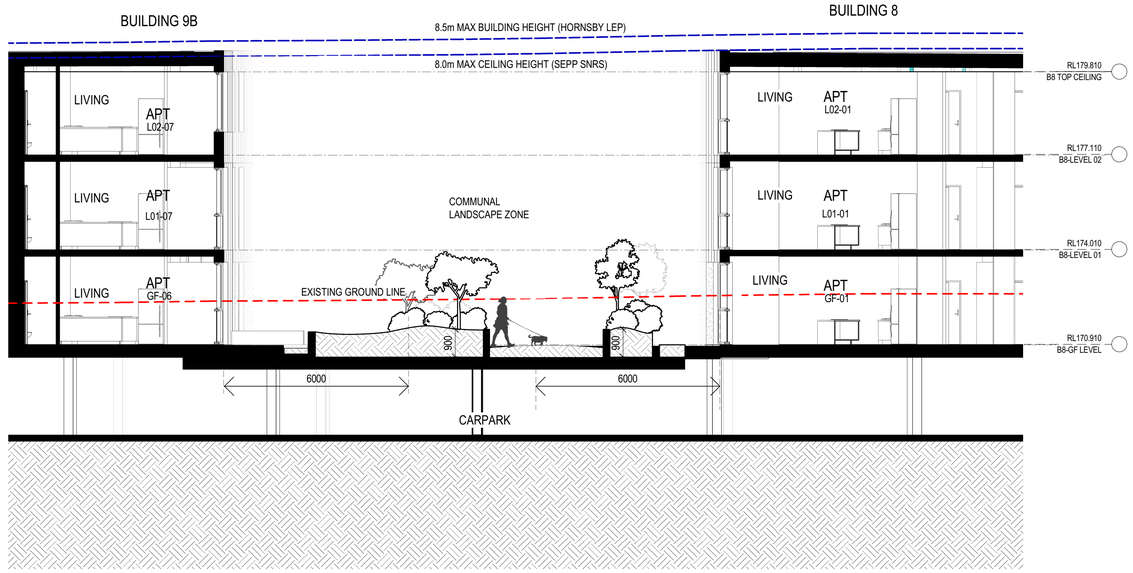
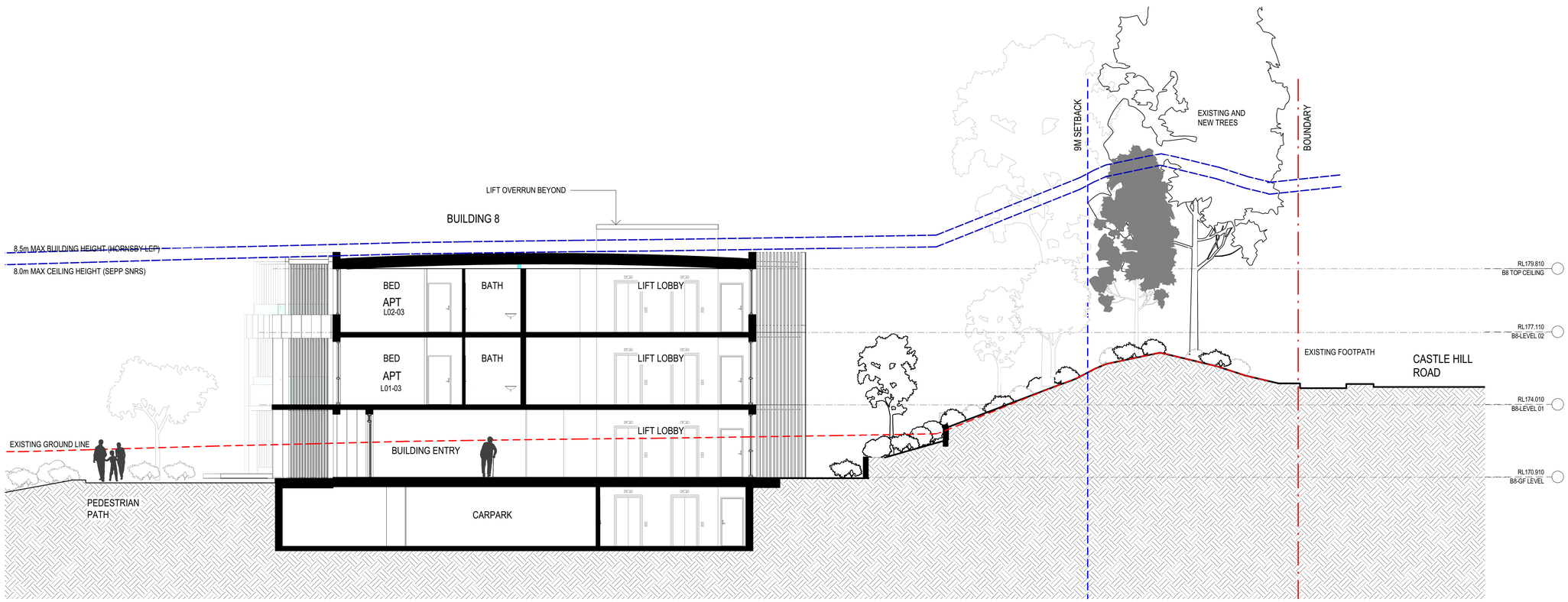



1 BUILDING 9B/8 SECTION LOOKING NORTH




2 BUILDING 8 SECTION THROUGH ENTRY FOYER

NOTES:

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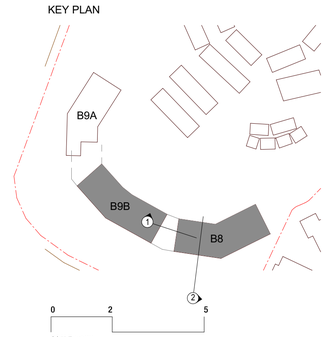
LEGEND

EXISTING GROUND HEIGHT AT THE FACE OF THE ELEVATION SHOWN

LOT BOUNDARY LINES

KEY PLAN

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| 2016056 | A | DA-358 | 1 |

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T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
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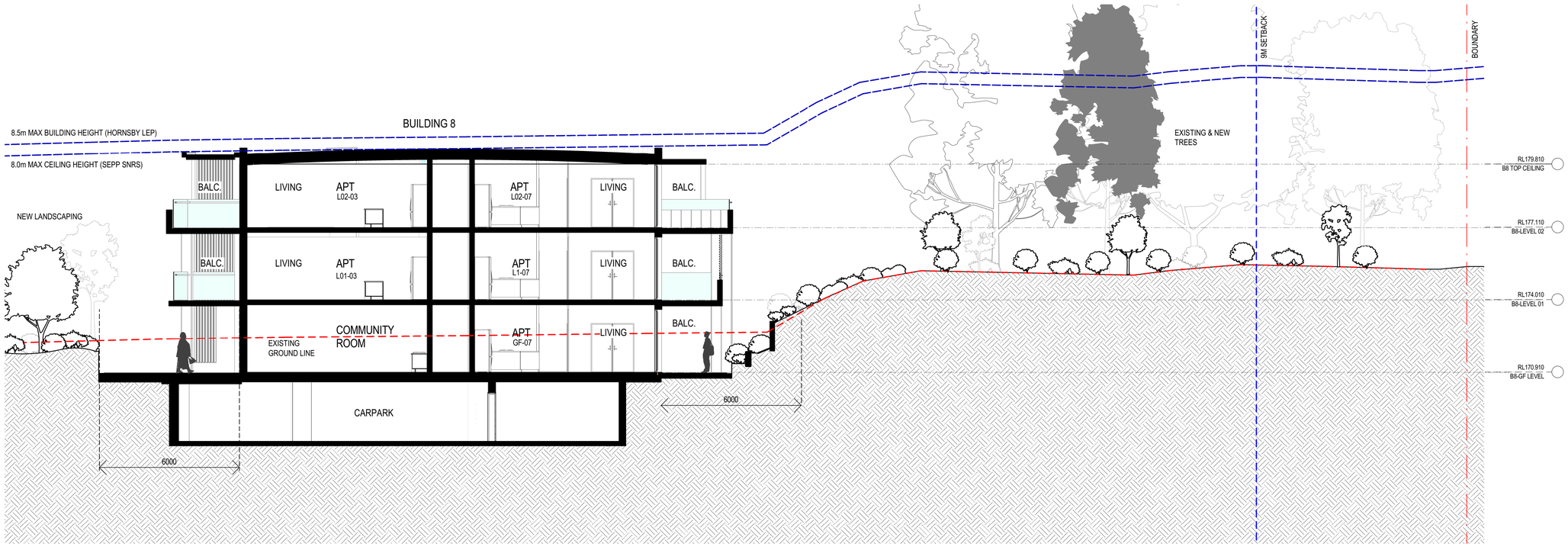
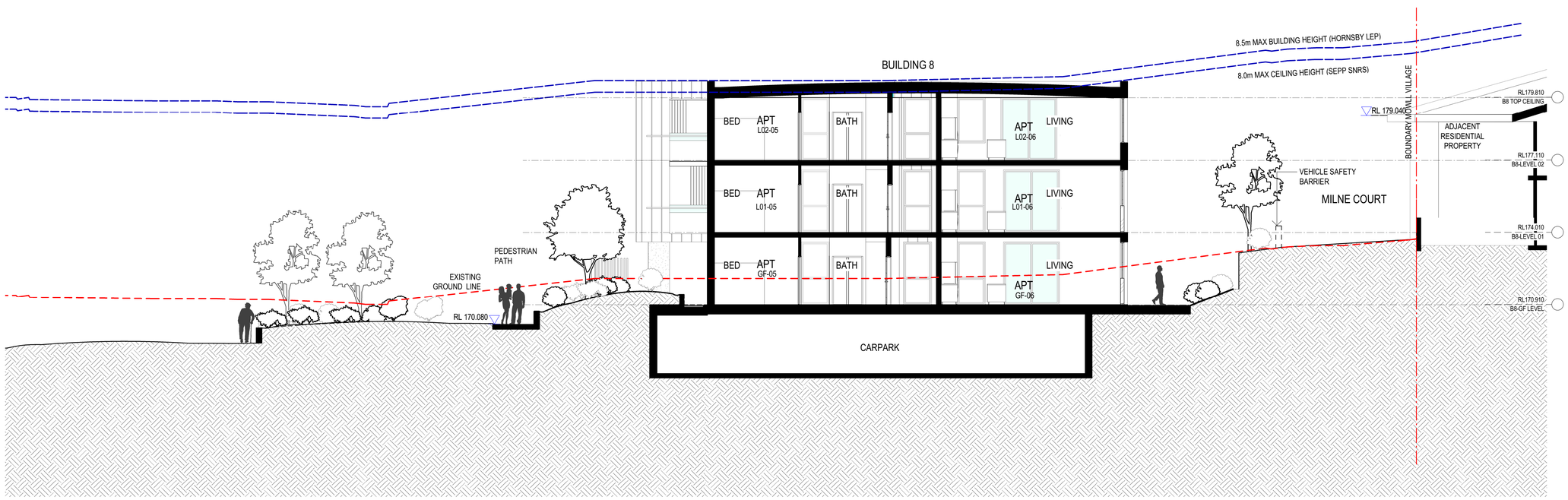



1 BUILDING 8 SECTION LOOKING EAST 01




2 BUILDING 8 & 16 SECTION LOOKING EAST

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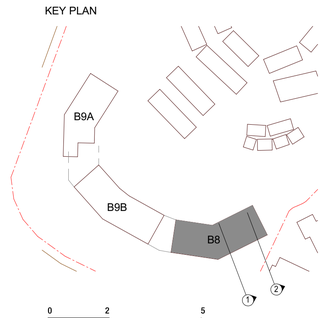
EXISTING GROUND HEIGHT AT THE FACE OF THE ELEVATION SHOWN

LOT BOUNDARY LINES

KEY PLAN

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| 2016056 | A | DA-359 | 1 |

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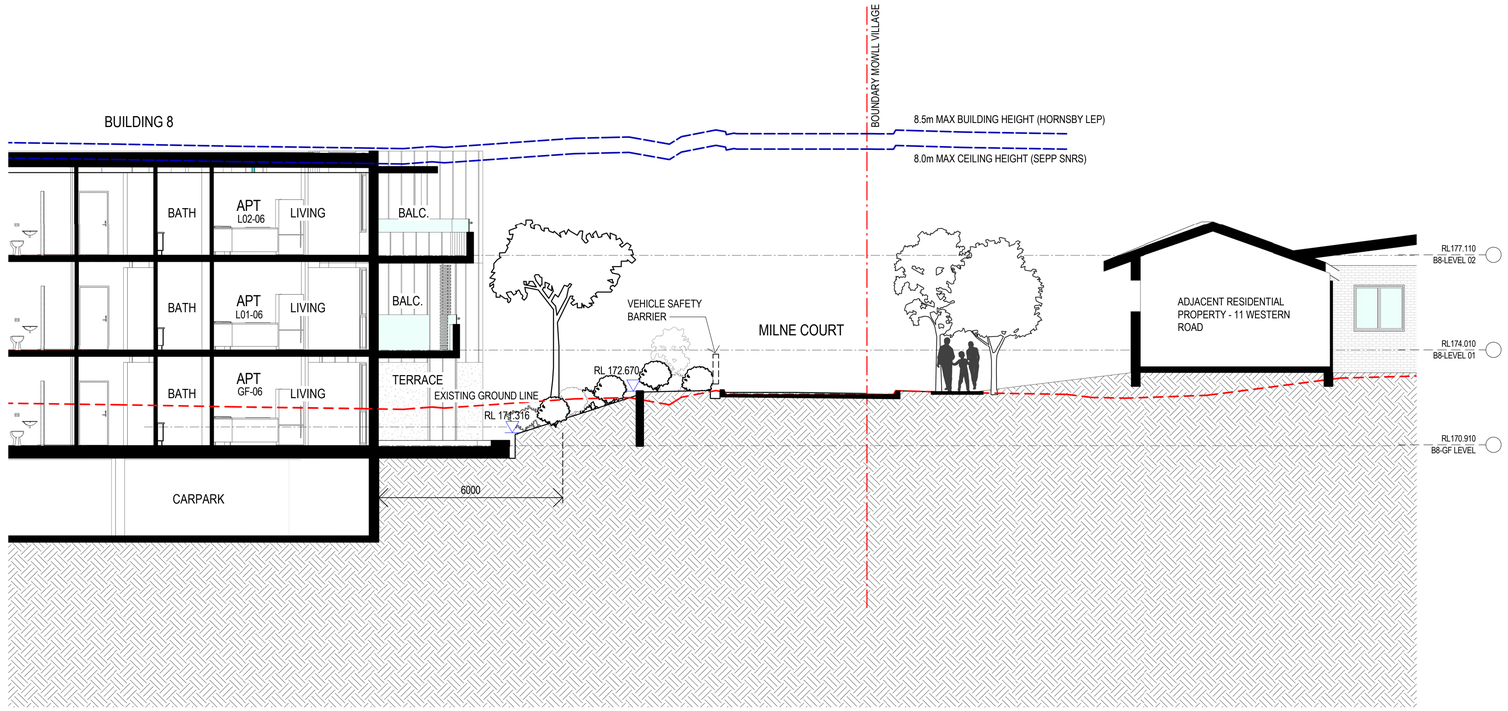


1 BUILDING 8 SECTION AT AT MILNE COURT

NOTES:

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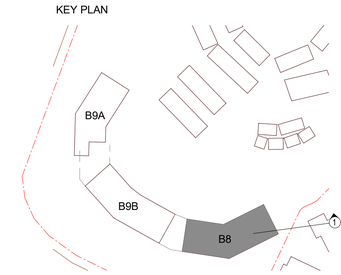
LEGEND

EXISTING GROUND HEIGHT AT THE FACE OF THE ELEVATION SHOWN

LOT BOUNDARY LINES

KEY PLAN

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| 2016056 | A | DA-360 | 1 |

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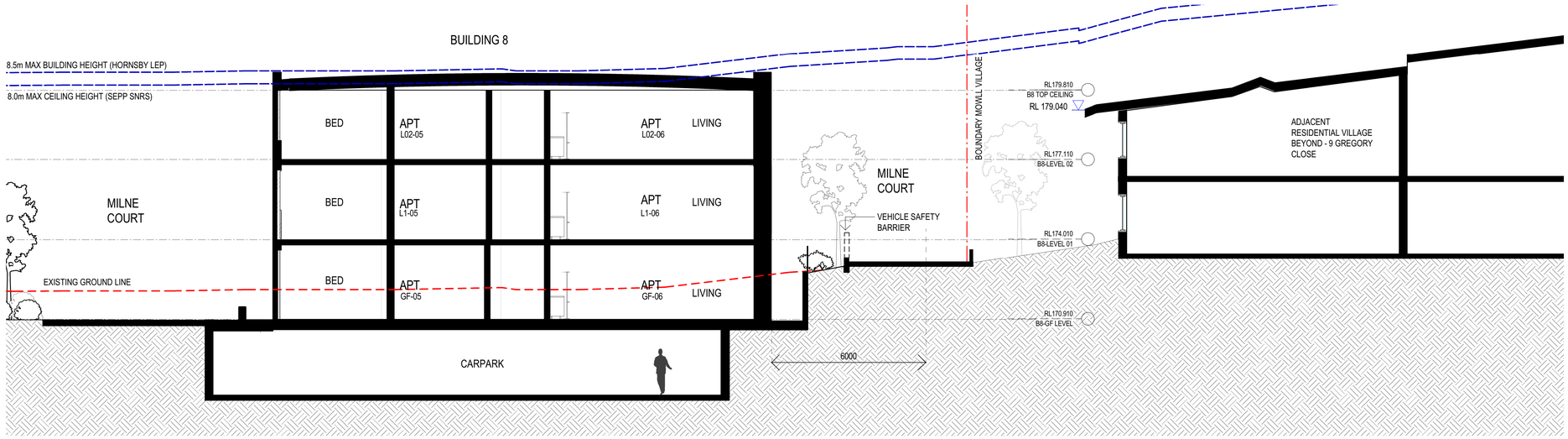
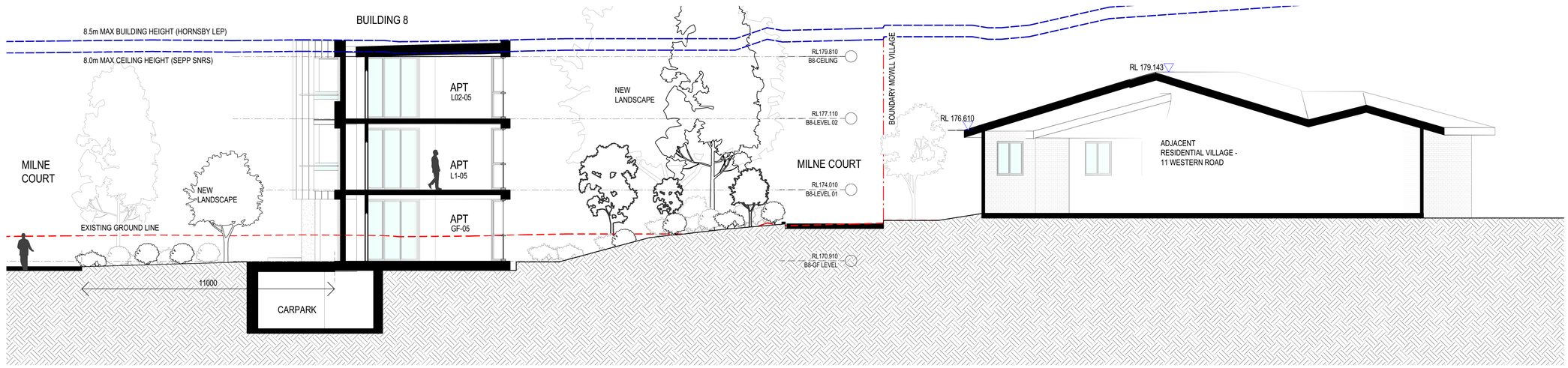



1 BLDG 8 SECTION THROUGH MILNE COURT & ADJ. VILLAGE 01




2 BLDG 8 SECTION THROUGH MILNE COURT & ADJ. VILLAGE 02

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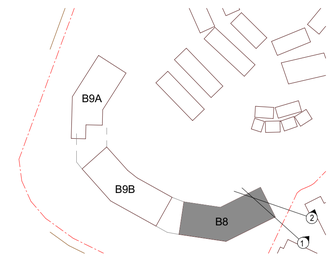
KEY PLAN

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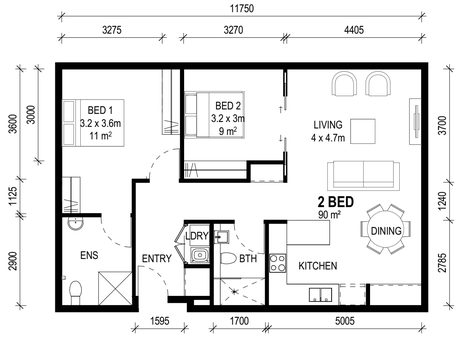
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |
| 2 | DA RFI RESPONSE ITEM | SR | 11/02/22 |

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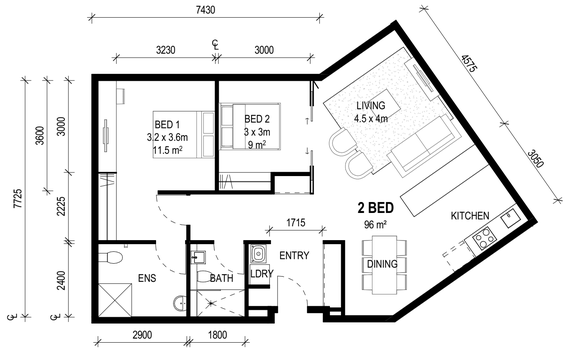


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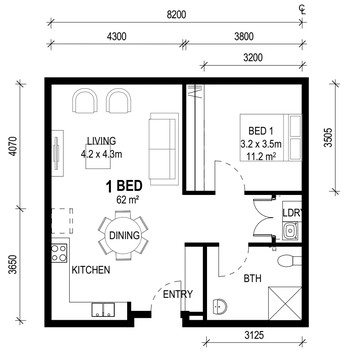


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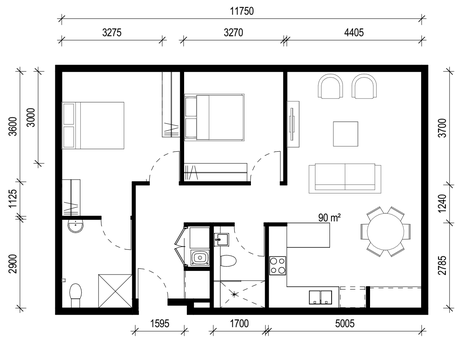


2B-1 GF

GUIDE TO LOCATION OF APARTMENT TYPES

| TYPE | BUILDING LOCATION |
|---|---|
| 2B-1 | 8, 9A, 9B |
| 2B-2 | 8 |
| 1B-1 | 9A |
| 2B-1 GF | 9A |

NOTES

TYPICAL APARTMENT PLANS ONLY. WINDOW AND DOOR LOCATIONS VARY TO SUIT CHARACTERISTICS OF EACH APARTMENT LOCATION.

*TYPE WITH VARIANT LAYOUTS. ONLY TYPICAL SHOWN

REFER TO SHEETS DA-604
FOR APARTMENT TYPE SCHEDULE INCLUDING APARTMENT STORAGE, PRIVATE OPEN SPACE PROVISION, BALCONY SIZES AND APARTMENT DESIGN GUIDE COMPLIANCE PROVISIONS FOR EACH APARTMENT

APARTMENT INTERNAL AREAS MAY VARY, SUBJECT TO REQUIRED SERVICES AND FACADE ARTICULATION IN DIFFERENT BUILDINGS

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DRAWING
PLANS - APARTMENT TYPES - 1 BED & 2-BED

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/26/18 | 1 : 100 | RP |

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|---|---|---|---|
| 2016056 | A | DA-500 | 2 |

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E sydney@jacksonteece.com
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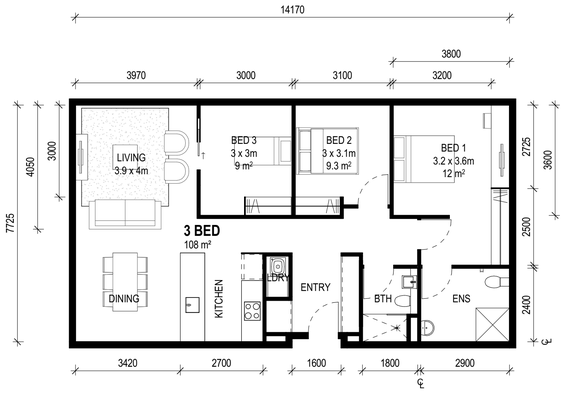
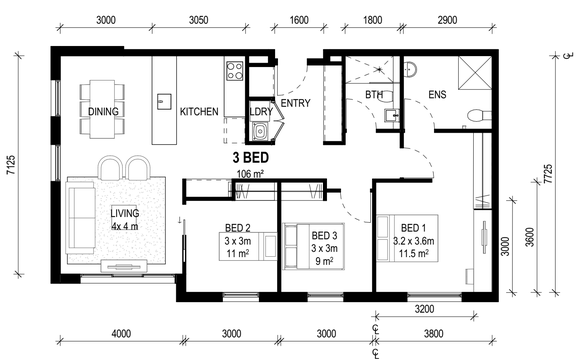
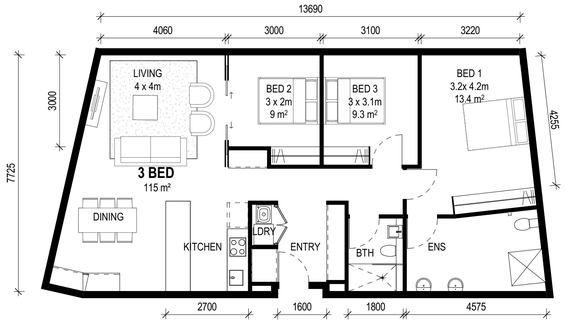



3B-1




3B-2




3B-3

GUIDE TO LOCATION OF APARTMENT TYPES

| TYPE | BUILDING LOCATION |
|---|---|
| 3B-1 | 9A, 9B |
| 3B-2 | 8 |
| 3B-3 | 9B |

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SUBJECT TO REQUIRED SERVICES AND FACADE ARTICULATION IN DIFFERENT BUILDINGS

0 2 5

SCALE 1:100

THIS DRAWING ISSUE HAS BEEN REVIEWED FOR

**DA ISSUE**

APPROVED BY: CA
CHECKED BY: TW

**CLIENT**
ANGLICARE CASTLE HILL

**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

Anglicare

**DRAWING**
PLANS - APARTMENT TYPES - 3-BED

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/26/18 | 1 : 100 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-501 | 1 |

**PROJECT**
201656 WESTERN ROAD

Lot 1, Pier 8-9, 23 Hickson Road
Walsh Bay New South Wales 2000 Australia
T 61 2 9290 2722 F 61 2 9290 1150
E sydney@jacksonteece.com
Jackson Teece Chesterman Willis Pty Ltd
Trading as Jackson Teece
ABN 15 083 837 290
Nominated Architects: Damian Barker (8192), John Gow (6790), Daniel Hudson (8315)

JACKSON TEECE

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## AMENDMENTS

| ISSUE | DESCRIPTION | APPROVED | DATE |
|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |




VILLA TYPE 01




VILLA TYPE 02

## GUIDE TO LOCATION OF VILLA TYPES

| TYPE | BUILDING LOCATION |
|---|---|
| 01 | 22,23,25,26,27,28 |
| 02 | 21B |

## NOTES

TYPICAL APARTMENT PLANS ONLY. WINDOW AND DOOR LOCATIONS VARY TO SUIT CHARACTERISTICS OF EACH APARTMENT LOCATION.

*TYPE WITH VARIANT LAYOUTS. ONLY TYPICAL SHOWN

REFER TO SHEETS DA-604
FOR APARTMENT TYPE SCHEDULE INCLUDING APARTMENT STORAGE, PRIVATE OPEN SPACE PROVISION, BALCONY SIZES AND APARTMENT DESIGN GUIDE COMPLIANCE PROVISIONS FOR EACH APARTMENT

APARTMENT INTERNAL AREAS MAY VARY,
SUBJECT TO REQUIRED SERVICES AND FACADE ARTICULATION IN DIFFERENT BUILDINGS

0 2 5

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**ADDRESS**
284 CASTLE HILL RD,
CASTLE HILL NSW 2154

**DRAWING**
PLANS - APARTMENT AND VILLA TYPES

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 100 | RP |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-502 | 1 |

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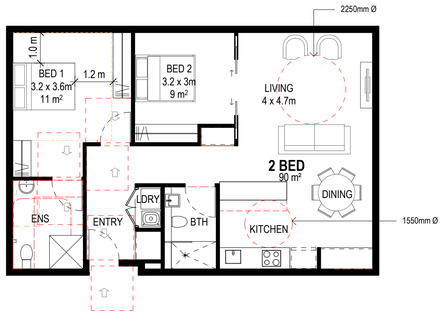


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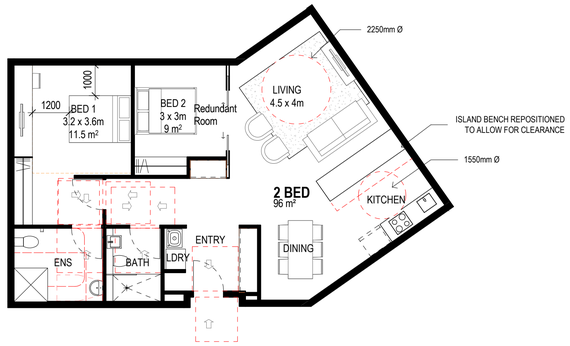
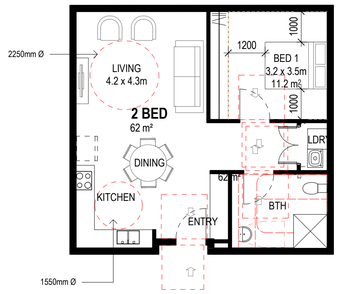



2B-2




1B-1

GUIDE TO LOCATION OF APARTMENT TYPES

| TYPE | BUILDING LOCATION |
|---|---|
| 2B-1 | 8, 9A, 9B |
| 2B-2 | 8 |
| 1B-1 | 9A |

NOTES

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APARTMENT INTERNAL AREAS MAY VARY,
SUBJECT TO REQUIRED SERVICES AND FACADE ARTICULATION IN DIFFERENT BUILDINGS

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SCALE 1:100

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Anglicare

**DRAWING**
PLANS - APARTMENT TYPES - 2-BED - ADAPTED

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 100 | AT |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-510 | 1 |

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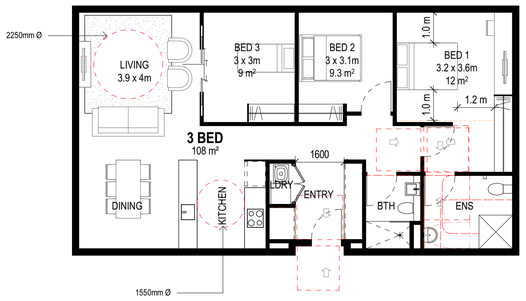
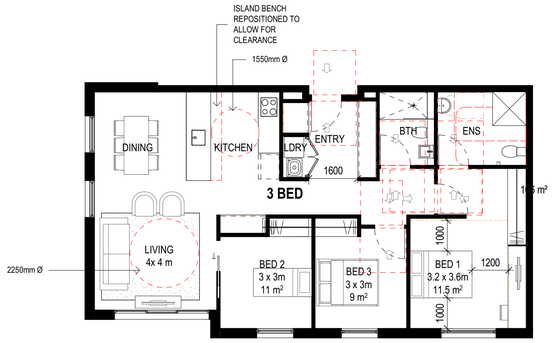
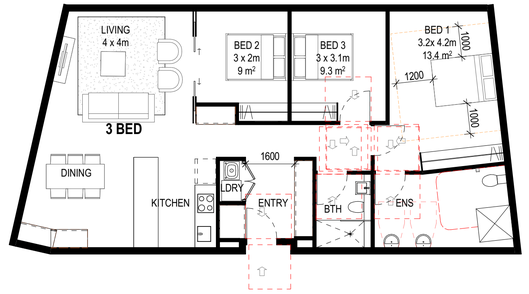



3B-1




3B-2




3B-3

GUIDE TO LOCATION OF APARTMENT TYPES

| TYPE | BUILDING LOCATION |
|---|---|
| 3B-1 | 9A, 9B |
| 3B-2 | 8 |
| 3B-3 | 9B |

NOTES

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0 2 5
SCALE 1:100

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DRAWING
PLANS - APARTMENT TYPES - 3-BED - ADAPTED

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 100 | AT |

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|---|---|---|---|
| 2016056 | A | DA-511 | 1 |

PROJECT
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AMENDMENTS

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|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | MA | 07/09/2021 |

GUIDE TO LOCATION OF VILLA TYPES

| TYPE | BUILDING LOCATION |
|---|---|
| 01 | 22,23,25,26,27,28 |
| 02 | 21B |

NOTES

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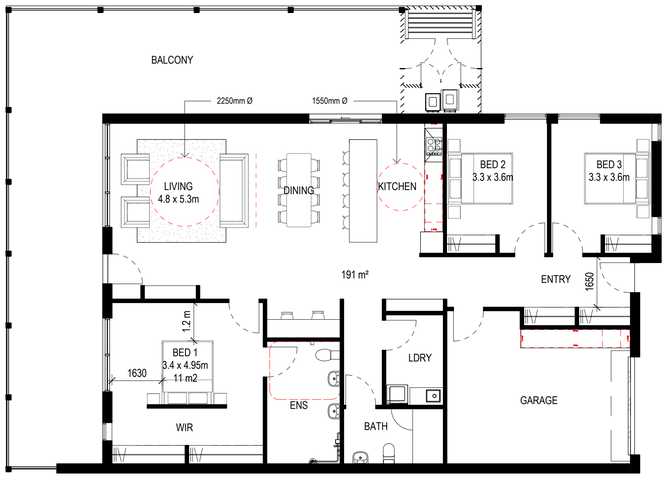


VILLA TYPE 1

VILLA TYPE 2

0 2 5

SCALE 1:100

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**ADDRESS**
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Anglicare

**DRAWING**
PLANS - APARTMENT TYPES - ADAPTED

| DATE | SCALE @ A1 | DRAWN |
|---|---|---|
| 10/17/18 | 1 : 100 | AT |

| PROJECT No. | DISCP. | DRAWING No. | ISSUE |
|---|---|---|---|
| 2016056 | A | DA-512 | 1 |

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JACKSON TEECE

## LEGEND

BOUNDARY

EXTENT OF WORKS

T2050 — EXISTING TREE TO BE RETAINED AND PROTECTED AS PER COUNCIL'S TPO

T2050 — EXISTING TREE TO BE REMOVED AS PER ARBORIST REPORT

NOTE : REFER TO ARBORIST REPORT

## PAVEMENT PROFILE

P1: UNIT PAVING.
REFER TO LANDSCAPE MATERIALITY

P2: STONE PAVING.
REFER TO LANDSCAPE MATERIALITY

P3: RED SHOT BLASTED CONCRETE.
REFER TO LANDSCAPE MATERIALITY

P4: CONCRETE WITH SAW CUT FINISH.
REFER TO LANDSCAPE MATERIALITY

P6: DECOMPOSED GRAVEL GRANITE.
REFER TO LANDSCAPE MATERIALITY

P7: TIMBER
REFER TO LANDSCAPE MATERIALITY

P8: PRIVATE OPEN SPACE.
REFER TO LANDSCAPE MATERIALITY

P9: DECORATIVE GRAVEL.
REFER TO LANDSCAPE MATERIALITY

EXISTING PATH TO BE RETAINED

IT : IRRIGATED TURF

NT : NON IRRIGATED TURF

TACTILE GROUND SURFACE INDICATOR

W1- WALL TYPE 1
REFER LANDSCAPE CHARACTER

SW : BESPOKE SEATING WALL
REFER LANDSCAPE CHARACTER

BENCH SEATING.
REFER LANDSCAPE CHARACTER

PICNIC TABLE.
REFER LANDSCAPE CHARACTER

EXISTING SHADE STRUCTURE
REFER LANDSCAPE CHARACTER

PLANTING. REFER PLANTING PLAN

PLANTING. SYDNEY BLUE GUM
HIGH FOREST COMMUNITY

MACROPHYTE PLANTING.
REFER PLANTING PLAN

PLANTING OVER STRUCTURE
ADG - PLANTING DEPTHS APPLIED

PLANTING OVER STRUCTURE
ADG - PLANTING DEPTHS APPLIED

## GRADING

PROPOSED CONTOURS & LEVELS
REFER CIVIL ENGINEER'S DRAWINGS

+EX 0.00 — EXISTING LEVELS
REFER SURVEY PLAN

RL 168.15 — PROPOSED LEVELS
REFER GRADING PLANS

## BUS STOPS

EXISTING BUS STOP

PROPOSED BUS STOP

NOTE:
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- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.ALL DIMENSIONS ARE MINIMUM SETTING OUT REQUIREMENTS.
- ALL DIMENSIONS SHOULD BE VERIFIED ON SITE PRIOR TO PROCEEDING WITH THE WORKS. NOTIFY THE PRINCIPALS REPRESENTATIVE IN WRITING OF ANY DISCREPANCIES.
- ALL ARCHITECTURAL DRAWINGS MUST BE READ IN CONJUNCTION WITH RELEVANT CONTRACTS, ARCHITECTURAL REPORTS, SCHEDULES AND SPECIFICATIONS AND ALL OTHER CONSULTANT / CONTRACT DOCUMENTATION. NOTIFY THE PRINCIPALS REPRESENTATIVE OF ANY DISCREPANCIES BETWEEN DOCUMENTATION IN WRITING TO OBTAIN CLARIFICATION DIRECTION.
- INSTALLATION OF SYSTEMS AND PROPRIETARY PRODUCTS TO BE STRICTLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- ALL WORK TO COMPLY WITH THE NATIONAL CONSTRUCTION CODE INCLUDING RELEVANT AUSTRALIAN STANDARDS AND REQUIREMENTS OF THE BUILDING CODE OF AUSTRALIA AND AUSTRALIAN WORK HEALTH AND SAFETY LEGISLATION.
- DESIGN DRAWINGS ARE BASED ON SURVEY INFORMATION. PRIOR TO DETAILED DESIGN AND CONSTRUCTION, THE CONTRACTOR IS TO UNDERTAKE A FULL SURVEY TO VERIFY ALL DIMENSIONS AND CONFIRM LOCATION OF EXISTING


CONSULTANT

LAND FORM Studios

401, 11A Lachlan st, Waterloo
Sydney, 2017
LANDFORM Studios | ABN 14 426 681 039


CLIENT

ANGLICARE RETIREMENT VILLAGES (DIOCESE OF SYDNEY)

Anglicare

ARCHITECT

JACKSON TEECE


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| REV | DESCRIPTION | DWN | CHK | DATE |
|---|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | RI | CR | 07.09.21 |

PROJECT NAME & ADDRESS

KILVINTON ANGLICARE

KILVINTON VILLAGE

417 OLD NORTHERN RD,
CASTLE HILL NSW

PROJECT DIRECTOR: CR

DRAWING TITLE

LEGEND & NOTES

ISSUE — DEVELOPMENT APPLICATION

PROJECT NO. — 2021035

SCALE

1:500 @ A1 1:1000 @ A3

5 10 15 20 25m

DRAWING NO. — LD_DA002

REVISION — 1


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# LANDSCAPE CHARACTER

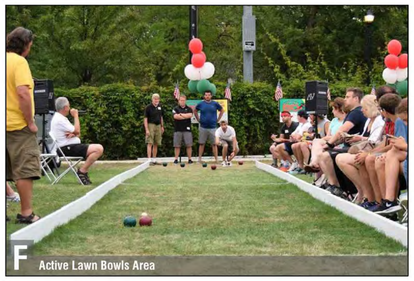
A Timber Bench Seating with Coated Black Arm Rests and Frame

B Seating Walls with Integrated Bespoke Timber

C Steel Shade Structures with Picnic Tables

D Timber Slatted Waste Enclosures

E Irrigated Amphitheater and Open Turf Area


F Active Lawn Bowls Area

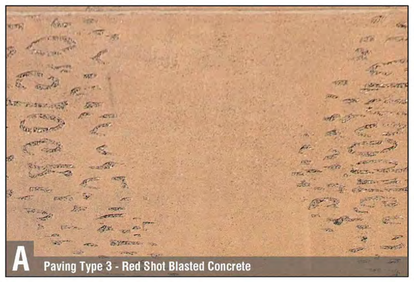
G Community Gardens to Residential Areas

H Residential Gardens

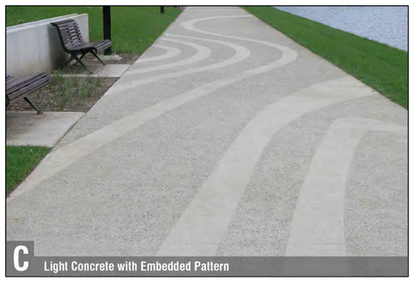
I Urban Open Plaza Areas

J Active Exercise Nooks

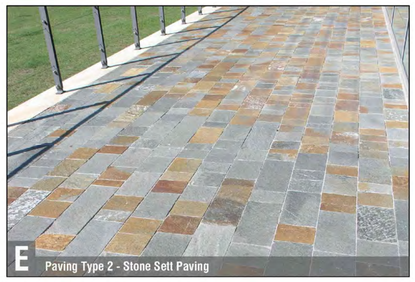
# LANDSCAPE MATERIALITY


A Paving Type 3 - Red Shot Blasted Concrete

B Paving Type 4 - Concrete with Saw Cut Finish

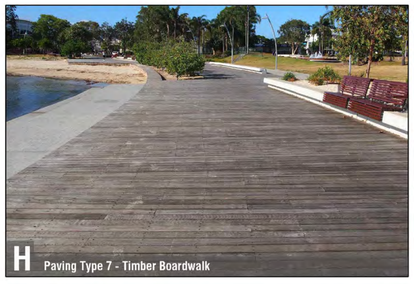

C Light Concrete with Embedded Pattern

D Paving Type 1 - Unit Paving

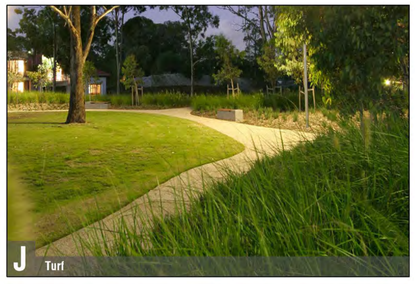

E Paving Type 2 - Stone Sett Paving

F Paving Type 6 - Decomposed Gravel Granite

G Paving Type 9 - Decorative Gravel


H Paving Type 7 - Timber Boardwalk

I Raised Concrete Planters


J Turf

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Sydney, 2017
LANDFORM Studios | ABN 14 426 681 039

CLIENT

ANGLICARE
RETIREMENT VILLAGES
(DIOCESE OF SYDNEY)

Anglicare

ARCHITECT

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PROJECT NAME & ADDRESS

KILVINTON ANGLICARE

KILVINTON VILLAGE

417 OLD NORTHERN RD,
CASTLE HILL NSW

PROJECT DIRECTOR: CR

DRAWING TITLE

LANDSCAPE CHARCTER & MATERIALS

ISSUE: DEVELOPMENT APPLICATION

PROJECT NO.: 2021035

SCALE

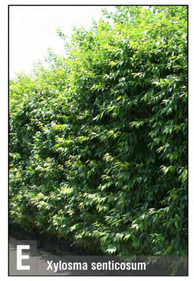
1:500 @ A1 1:1000 @ A3

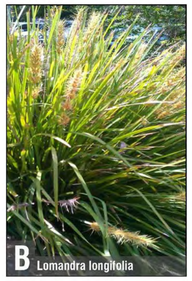
0 5 10 15 20 25 m

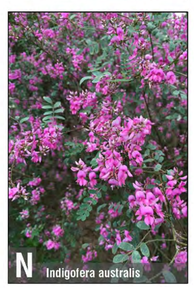
DRAWING NO.: LD_DA003

REVISION: 1

# PLANTING CHARACTER







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LAND FORM Studios

401, 11A Lachlan st, Waterloo
Sydney, 2017
LANDFORM Studios | ABN 14 426 681 039

CLIENT

ANGLICARE
RETIREMENT VILLAGES
(DIOCESE OF SYDNEY)

Anglicare

ARCHITECT

JACKSON TEECE

DISCLAIMER

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| REV | DESCRIPTION | DWN | CHK | DATE |
|---|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | RI | CR | 07.09.21 |

PROJECT NAME & ADDRESS

KILVINTON ANGLICARE

KILVINTON VILLAGE

417 OLD NORTHERN RD,
CASTLE HILL NSW

PROJECT DIRECTOR: CR

DRAWING TITLE

PLANTING CHARACTER

ISSUE: DEVELOPMENT APPLICATION

PROJECT NO.: 2021035

SCALE

1:500 @ A1 1:1000 @ A3

1 5 10 15 20 25 m

DRAWING NO.: LD_DA004

REVISION: 1

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| 1 | DEVELOPMENT APPLICATION | RI | CR | 07.09.21 |

PROJECT NAME & ADDRESS

KILVINTON ANGLICARE

KILVINTON VILLAGE

417 OLD NORTHERN RD,
CASTLE HILL NSW

PROJECT DIRECTOR: CR

DRAWING TITLE

TREE MANAGEMENT PLAN 1

ISSUE: DEVELOPMENT APPLICATION

PROJECT NO.: 2021035

SCALE

1:500 @ A1 1:1000 @ A3

5 10 15 20 25m

DRAWING NO.: LD_DA010

REVISION: 1

PAGE SETUP: ----

PLOTTED BY: CHAS ROB

PLOT DATE: 14.09.2021

PATH: C:\Landform\2021\2021035_Anglicare Kilvinton (284 Castle Hill Road, Castle Hill)\CAD\LD_LSCAPE_PLAN.dwg

NOTE:
TREE RETENTION PLANS ARE TO BE READ IN CONJUNCTION WITH THE ARBORISTS REPORT;
· TREE PROTECTION MEASURES SHALL BE USED AS PER THE ARBORISTS REPORT.
· IN SITUATIONS WHERE THE TPZ OF TREES TO BE RETAINED ARE IMPACTED BY BUILT FORM TREE SENSITIVE CONSTRUCTION MEASURES SHALL BE USED.
· WHEN SITING A STRUCTURE NEAR TO A TREE, THE FUTURE GROWTH OF THE TREE, BOTH ABOVE AND BELOW GROUND SHOULD BE TAKEN INTO ACCOUNT. PRECAUTIONS SHOULD BE TAKEN AT THE PLANNING AND DESIGN STAGE TO MINIMIZE POTENTIAL CONFLICT BETWEEN TREES AND NEW STRUCTURES.
· SOME WORKS AND ACTIVITIES WITHIN THE TPZ MAY BE AUTHORIZED BY THE PROJECT ARBORIST. THESE WORKS MUST BE SUPERVISED BY THE PROJECT ARBORIST.
· REFER TO THE ARBORISTS REPORT FOR THE NOMINATED TREE PROTECTION ZONES AND STRUCTURAL ROOT ZONES.
EXISTING TREES ARE SHOWN AS PER THE SURVEY AND WILL BE VERIFIED ONSITE PRIOR TO DETAILED DESIGN.

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PROJECT NAME & ADDRESS

KILVINTON ANGLICARE

KILVINTON VILLAGE

417 OLD NORTHERN RD,
CASTLE HILL NSW

PROJECT DIRECTOR: CR

DRAWING TITLE

TREE MANAGEMENT PLAN 2

ISSUE: DEVELOPMENT APPLICATION

PROJECT NO.: 2021035

SCALE

1:500 @ A1 1:1000 @ A3

5 10 15 20 25 m

DRAWING NO.: LD_DA011

REVISION: 1

PAGE SETUP: ----

PLOTTED BY: CHAS ROB

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CASTLE HILL NSW

PROJECT DIRECTOR: CR

DRAWING TITLE

LANDSCAPE PLAN SHEET 1

ISSUE: DEVELOPMENT APPLICATION

PROJECT NO.: 2021035

SCALE

1:500 @ A1 1:1000 @ A3

5 10 15 20 25m

DRAWING NO.: LD_DA100

REVISION: 1

PAGE SETUP: ----

PLOTTED BY: CHAS ROB

PLOT DATE: 14.09.2021

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| REV | DESCRIPTION | DWN | CHK | DATE |
|---|---|---|---|---|
| 2 | DEVELOPMENT APPLICATION | RI | CR | 15.02.22 |
| 1 | DEVELOPMENT APPLICATION | RI | CR | 07.09.21 |

PROJECT NAME & ADDRESS

KILVINTON ANGLICARE
KILVINTON VILLAGE
417 OLD NORTHERN RD,
CASTLE HILL NSW

PROJECT DIRECTOR: CR

DRAWING TITLE

LANDSCAPE PLAN SHEET 2

ISSUE: DEVELOPMENT APPLICATION

PROJECT NO.: 2021035

SCALE

1:500 @ A1 1:1000 @ A3

5 10 15 20 25m

DRAWING NO.: LD_DA101

REVISION: 2

PLOTTED BY: CHARLIE ROBINSON

PLOT DATE: 16.02.2022

PAGE SETUP: ----

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# PLANTING PLANS

THE PROPOSAL SEEKS TO ENHANCE EXISTING LANDSCAPE ASSETS BY REINFORCING THE LEGACY PARKLANDS, REMNANT BLUE GUM HIGH FOREST AND TOM THUMB LAGOON, AND BY PLACING PROPOSED BUILDINGS WITHIN HIGH VALUE AMENITY LANDSCAPE SETTINGS.

**BLUE GUM HIGH FOREST**

REMNANT AREAS OF BLUE GUM HIGH FOREST (BGHF) TREES ARE REINFORCED BY:

- **CANOPY TREES**
  EXISTING BGHF CANOPY TREES WILL BE REPLACED AND/OR REINFORCED BY ADDITIONAL CANOPY TREES INSTALLED AS 75-100LITRE STOCK AS INDICATED ON THE PLANTING PLANS .
- **BGHF COMMUNITY PLANTINGS**
  MOST OF THE LEGACY BGHF TREES ARE WITHIN OPEN GRASS AREAS. WHERE IT IS POSSIBLE TO EVOLVE UNDERSTORY PLANTINGS THAT CAN MATURE AS ROBUST AND APPROPRIATE BGHF PLANT COMMUNITIES EXISTING GRASS AREAS WILL BE REPLACED BY AN INDIGENOUS REPRESENTATIVE MIX OF BGHF PLANTS. THESE WILL BE INSTALLED AS TUBE STOCK.

**TOM THUMB LAGOON**
AQUATIC AND EMERGENT LAGOON ZONES ARE REINFORCED WITH PLANTS TYPICAL OF SYDNEY FRESHWATER WETLANDS TO PROVIDE A MORE VARIED EMERGENT PLANT COMMUNITY. PLANT SPECIES HAVE BEEN SELECTED WITH A VIEW TO ATTRACTING ADDITIONAL BIRDS, INSECTS AND OTHER FAUNA.

**EXOTIC AND NATIVE TREES**
THE PROPOSAL SEEKS TO MAXIMISE SUMMER SHADE/COOLING AND WINTER SOLAR ACCESS IN ORDER TO OPTIMISE PEDESTRIAN AMENITY AND MINIMISE THE HEAT ISLAND EFFECT IN RESPONSE TO FUTURE WARMING TRENDS. SELECTED STREET TREE SPECIES ARE DECIDUOUS. ALONG THE MAIN BUS ROUTES ALONG CLARKE DRIVE AND WESTERN ROAD STREET TREE SPECIES HAVE BEEN SELECTED TO MINIMISE POTENTIAL CONFLICTS WITH BUS OPERATIONS (IE A TIGHT, VASE-SHAPED Zelkova .

AMENITY TREES ARE A MIXTURE OF EXOTIC AND NATIVE SPECIES. THEY ARE SELECTED TO RESPOND TO THE SCALE OF THE SPACE, TO PROVIDE COLOUR OR SEASONAL HIGHLIGHTS.

**AMENITY PLANTING**
ALL AMENITY PLANTING IS SELECTED TO OFFER A RANGE OF FUNCTIONS:

*SPATIAL DEFINITION*
GENERALLY PLANTING AREAS ARE DEFINED BY A RANGE OF VERTICAL STRATA,

- GROUNDCOVER PLANTING: CARPET OR STRAPPY TEXTURES
- MEDIUM HEIGHT SHRUBS: PROVIDING TEXTURE AND /OR COLOUR AND MID-GROUND ENCLOSURE OR SPATIAL DEFINITION
- HIGH SHRUBS: PROVIDING TEXTURE AND / OR COLOUR AND FAR-GROUND ENCLOSURE OR SPATIAL DEFINITION
- SCREEN PLANTING: WHERE SCREENING IS REQUIRED FOR PRIVACY ADDITIONAL HIGH SHRUBS (CAPABLE OF MODELLING AS HEDGING PLANTS WHERE APPROPRIATE) ARE ALSO INCLUDED.

ALL OF THE ABOVE PLANTS MAY ALSO BE SELECTED TO PROVIDE COLOUR HIGHLIGHTS AND/OR TEXTURE FOCUS.

*COLOUR OR SEASONAL HIGHLIGHTS*
IN ADDITION TO PLANTS THAT PROVIDE SPATIAL DEFINITION, THE PANTING PLAN ALSO PROPOSES SPECIAL PLANTING AREAS TO HEIGHTEN VISUAL OR AROMATIC INTEREST, INCLUDING SEASONAL FLOWERING AND/OR LEAF COLOUR.

# PLANTING LEGEND

- SYDNEY BLUE GUM HIGH FOREST FEATURE TREES
  REFER PLANT SCHEDULE
- SYDNEY BLUE GUM HIGH FOREST - REINFORCEMENT MIX (HIGH)
  REFER PLANT SCHEDULE
- SYDNEY BLUE GUM HIGH FOREST - REINFORCEMENT MIX (MEDIUM)
  REFER PLANT SCHEDULE
- SYDNEY BLUE GUM HIGH FOREST - REINFORCEMENT MIX (LOW)
  REFER PLANT SCHEDULE
- SYDNEY BLUE GUM HIGH FOREST - BATTER PLANTING MIX
  REFER PLANT SCHEDULE
- TOM THUMB LAGOON - RIPARIAN PLANTING MIX
  REFER PLANT SCHEDULE
- TOM THUMB LAGOON - MACROPHYTE PLANTING MIX
  REFER PLANT SCHEDULE
- NATIVE TREES
  REFER PLANT SCHEDULE
- EXOTIC TREES
  REFER PLANT SCHEDULE
- SHRUB MIX - SH1 (TALL) NATIVE/EXOTIC
  REFER PLANT SCHEDULE
- SHRUB MIX SH2 (MEDIUM) NATIVE/EXOTIC
  REFER PLANT SCHEDULE
- SHRUB MIX SH3 (MEDIUM) NATIVE/EXOTIC
  REFER PLANT SCHEDULE
- SHRUB MIX SH4 (MEDIUM) EXOTIC (HIGHLIGHT MIX)
  REFER PLANT SCHEDULE
- SCREENING SHRUBS
  REFER PLANT SCHEDULE
- ENTRY PLANTING
  REFER PLANT SCHEDULE
- SHADE TOLERANT MIX ST1
  REFER PLANT SCHEDULE
- GROUNDCOVER NATIVE MIX GC 1
  REFER PLANT SCHEDULE
- GROUNDCOVER ORNAMENTAL MIX GC 2
  REFER PLANT SCHEDULE
- STRAPPY PLANT MIX SP 1 (NATIVE FOCUS)
  REFER PLANT SCHEDULE
- STRAPPY PLANT MIX SP 2 (EXOTIC FOCUS)
  REFER PLANT SCHEDULE

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PLOT DATE: 14.09.2021
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PROJECT NAME & ADDRESS
KILVINTON ANGLICARE
KILVINTON VILLAGE
417 OLD NORTHERN RD,
CASTLE HILL NSW

PROJECT DIRECTOR: CR

DRAWING TITLE
PLANTING PLAN LEGEND NOTES

ISSUE: DEVELOPMENT APPLICATION
PROJECT NO.: 2021035

SCALE
AS SHOWN @ A1

DRAWING NO.: LD_DA200
REVISION: 1

| KEY | BOTANICAL NAME | COMMON NAME | POT SIZE | POTENTIAL HEIGHT | POTENTIAL SPREAD | Density/Spacing | Mix % | Quanitiy |
|---|---|---|---|---|---|---|---|---|
| **Blue Gum High Forest Feature Trees** | | | | | | | | |
| At | *Allocasuarina torulosa** | Forest Oak | 75L | 8-10m | 5-7m | As Shown | - | 2 |
| Ac | *Angophora costata** | Smooth-barked Apple | 75-100L | 15-18m | 10m | As Shown | - | 36 |
| Af | *Angophora floribunda** | Rough barked Apple | 75-100L | 15-18m | 10m | As Shown | - | 37 |
| Ba | *Brachychiton acerifolius** | Illawarra Flame Tree | 75L | 8-12m | 6m | As Shown | - | 2 |
| Ere | *Elaeocarpus reticulatus** | Blueberry Ash | 75L | 8-10m | 5m | As Shown | - | 18 |
| Gf | *Glochidion ferdinandi var. ferdinandi** | Cheese Tree | 75-100L | 10-15m | 8m | As Shown | - | 44 |
| **BGHF Reinforcement Mix (BGHF RM)** | | | | | | | | |
| **Canopy Trees** | | | | | | | | |
| | *Angophora costata** | Smooth bark apple | Viro tube | 18-20m | 8-10m | 0.05 | 40% | |
| | *Eucalyptus paniculata** | Grey iron bark | Viro tube | 18-20m | 8-10m | 0.05 | 40% | |
| | *Eucalyptus saligna** | Sydney Blue Gum | Viro tube | 20-30m | 10m | 0.05 | 20% | |
| **Small Tree** | | | | | | | | |
| | *Allocasuarina torulosa** | Forest Oak | Viro tube | 8-10m | 5-6m | 0.05 | 40% | |
| | *Elaeocarpus reticulatus** | Blueberry Ash | Viro tube | 8-10m | 5m | 0.05 | 40% | |
| | *Glochidion ferdinandi var. ferdinandi** | Cheese Tree | Viro tube | 10-15m | 8m | 0.05 | 20% | |
| **Low Shrub** | | | | | | | | |
| | *Breynia oblongifolia** | Coffee Bush | Viro tube | 3m | 1.5m | 0.1 | 40% | |
| | *Persoonia linearis** | Narrow-leaved Geebung | Viro tube | 3m | 1.5m | 0.1 | 20% | |
| | *Rapanea variabilis** | Muttonwood | Viro tube | 5m | 2m | 0.1 | 40% | |
| **Ground Layer** | | | | | | | | |
| | *Blechnum cartilagineum** | Gristle Ferns | Viro tube | 1m | 1m | 1 | 15% | |
| | *Calochlaena dubia** | Soft bracken | Viro tube | 1m | 1m | 1 | 15% | |
| | *Dianella caerulea** | Blue Flax Lily | Viro tube | 1m | 1.5m | 1 | 10% | |
| | *Doodia aspera** | Prickly Rasp Fern | Viro tube | 0.35m | 0.3m | 1 | 10% | |
| | *Lomandra longifolia** | Spiney Mat Rush | Viro tube | 1m | 1m | 1 | 10% | |
| | *Oplismenus aemulus* | Australian Basket Grass | Viro tube | 0.3m | 1.2m | 1 | 15% | |
| | *Pratia purpurascens** | White Root | Viro tube | 0.15m | 0.4m | 1 | 10% | |
| | *Viola hederacea** | Native Violet | Viro tube | 0.1m | 0.8m | 1 | 15% | |
| **BGHF Batter Planting Mix (BGHF BM)** | | | | | | | | |
| | *Blechnum cartilagineum** | Gristle Ferns | Viro tube | 1m | 1m | 3 | 15% | |
| | *Calochlaena dubia** | Soft bracken | Viro tube | 1m | 1m | 3 | 15% | |
| | *Clematis aristata** | Australian Clamatis | Viro tube | 0.4m | 2m | 3 | 10% | |
| | *Dianella caerulea** | Blue Flax Lily | Viro tube | 1m | 1.5m | 3 | 10% | |
| | *Glycine clandestina** | Ttwining glycine | Viro tube | 0.3m | 1.5 | 3 | 10% | |
| | *Oplismenus aemulus* | Australian Basket Grass | Viro tube | 0.3m | 1.2m | 3 | 15% | |
| | *Pratia purpurascens** | White Root | Viro tube | 0.15m | 0.4m | 3 | 10% | |
| | *Viola hederacea** | Native Violet | Viro tube | 0.1m | 0.8m | 3 | 15% | |
| **BGHF Cascade Planting Mix (BGHF CM)** | | | | | | | | |
| | *Clematis aristata** | Australian Clamatis | Viro tube | 0.4m | 2m | 3 | 10% | |
| | *Glycine clandestina** | Ttwining glycine | Viro tube | 0.3m | 1.5 | 3 | 10% | |
| | *Pratia purpurascens** | White Root | Viro tube | 0.15m | 0.4m | 3 | 10% | |
| | *Viola hederacea** | Native Violet | Viro tube | 0.1m | 0.8m | 3 | 15% | |
| **Tom Thumb Lagoon Mix** | | | | | | | | |
| **Canopy Trees** | | | | | | | | |
| | *Allocasuarina torulosa** | Forest Oak | Viro tube | 8-10m | 5-6m | 0.05 | 40% | |
| | *Melaleuca stypheloides** | Prickly-leaved Paperbark | Viro tube | 6-8m | 3-5m | 0.05 | 40% | |
| | *Angophora floribunda** | Rough barked Apple | Viro tube | 18m | 10m | 0.05 | 20% | |
| **Terrestrial Planting (+0.5m and above)** | | | | | | | | |
| | *Callistemon citrinus** | Lemon Scented Bottle Brush | Viro tube | 3-4m | 2m | 1 | 15% | |
| | *Calochlaena dubia** | Soft bracken | Viro tube | 1m | 1m | 1 | 15% | |
| | *Dianella caerulea** | Blue Flax Lily | Viro tube | 1m | 1.5m | 1 | 20% | |
| | *Doodia aspera** | Prickly Rasp Fern | Viro tube | 0.35m | 0.3m | 1 | 15% | |
| | *Lomandra longifolia** | Spiney Mat Rush | Viro tube | 1m | 1m | 1 | 20% | |
| | *Melaleuca linariifolia** | Snow-in-summer | Viro tube | 6-8m | 3m | 1 | 15% | |
| **Ephemeral Batter** | | | | | | | | |
| | *Juncus subsecundus** | Broom Rush | Viro tube | 0.9m | 0.5m | 6 | 40% | |
| | *Persicaria decipiens** | Slender Knotweed | Viro tube | 0.3m | 0.2m | 6 | 40% | |
| | *Restio tetraphyllus** | Tassel Cord Rush | Viro tube | 1.5m | 0.5m | 6 | 20% | |
| **Shallow Marsh** | | | | | | | | |
| | *Alisma plantago-aquatica** | Water Plantain | Viro tube | 1m | 0.5m | 5 | 25% | |
| | *Philydrum lanuginosum** | Woolly Water Lily | Viro tube | 1m | 0.4m | 5 | 25% | |
| | *Triglochin procerum** | Water Ribbons | Viro tube | 1m | 0.6m | 5 | 25% | |
| | *Triglochin striata** | Streaked Arrowgrass | Viro tube | 0.3m | 0.3m | 5 | 25% | |
| **Deep Marsh** | | | | | | | | |
| | *Baumea articulata* | Jointed Twig-rush | tube - 100mm | 1.5m | N/A | 4 | 40% | |
| | *Eleocharis sphacelata* | Tall Spike-rush | tube - 100mm | 2m | N/A | 4 | 40% | |
| | *Phragmites australis* | Common Reed | tube - 100mm | 3m | N/A | 4 | 20% | |
| **Aquatics** | | | | | | | | |
| | *Ludwigia peploides* | Water Primrose | Viro tube | N/A | N/A | 1 | 50% | |
| | *Ottelia ovalifolia* | Swamp Lily | Viro tube | N/A | N/A | 1 | 50% | |
| **Native** | | | | | | | | |
| **Trees** | | | | | | | | |
| Ce | *Corymbia eximia* | Yellow Bloodwood | 75L | 10-15m | 8m | As Shown | - | 7 |
| CeN | *Corymbia eximia* 'Nana' | Dwarf Yellow Bloodwood | 75L | 8m | 4m | As Shown | - | 14 |
| Cg | *Corymbia gummifera* | Red Bloodwood | 75L | 17-20m | 10-15m | As Shown | - | 13 |
| Er | *Eucalyptus racemosa* | Snappy Gum | 75L | 15-18m | 8m | As Shown | - | 12 |
| Es | *Eucalyptus sideroxylon* 'Rosea' | Red Ironbark | Viro tube | 18m | 12m | As Shown | - | 17 |
| **Trees (Suitable for shallow planting locations)** | | | | | | | | |
| Ca | *Cupaniopsis anacardioidies* | Tuckeroo | 75L | 8m | 6m | As Shown | - | 28 |
| Ere | *Elaeocarpus reticulatus* 'Prima Donna' | Prima Donna Blueberry Ash | 75L | 6.5m | 3m | As Shown | - | 25 |
| Ht | *Hibiscus tiliaceus* 'Rubra' | Red Cottonwood | 75L | 8m | 5m | As Shown | - | 25 |
| Tl | *Tristaniopsis laurina* 'Luscious' | Water Gum | 75-100L | 8m | 4m | As Shown | - | 31 |
| **Exotic** | | | | | | | | |
| **Trees** | | | | | | | | |
| Fa | *Franklinia axillaris* | Fried Egg Tree | 100L | 5-6m | 4m | As Shown | - | 12 |
| FaR | *Fraxinus angustifolia* 'Raywood' | Claret Ash | 100-400L | 12m | 9m | As Shown | - | 1 |
| Gb | *Gingko biloba* | Maidenhair Tree | 100-400L | 12m | 5m | As Shown | - | 4 |
| Lt | *Liriodendron tulipifera* | Tulip Tree | 100-400L | 14m | 10m | As Shown | - | 21 |

| KEY | BOTANICAL NAME | COMMON NAME | POT SIZE | POTENTIAL HEIGHT | POTENTIAL SPREAD | Density/Spacing | Mix % | Quanitiy |
|---|---|---|---|---|---|---|---|---|
| **Trees (Suitable for shallow planting locations)** | | | | | | | | |
| LN | *Lagerstroemia indica 'Natchez'* | Crepe Myrtle | 200L | 6m | 3.5m | As Shown | - | 2 |
| LiS | *Lagerstroemia indica* 'Sioux' | Crepe Myrtle | 200L | 5m | 3.5m | As Shown | - | 4 |
| LiT | *Lagerstroemia indica* 'Tuscarora' | Crepe Myrtle | 400L | 5m | 3.5m | As Shown | - | 11 |
| Po | *Prunus cerasifera* 'Oakville Crimson Spire' | Crimson Spire Flowering Plum | 200L | 5m | 2.5m | As Shown | - | 2 |
| Pc | *Pyrus calleryana* 'Capital' | Ornamental Pear | 200L | 7m | 3m | As Shown | - | 7 |
| Pxb | *Prunus x blireana* | Flowering Plum | 400L | 5m | 3m | As Shown | | 5 |
| Up | *Ulmus parvifolia 'Todd'* | Chinese Elm | 200-600l | 8-10m | 6.5m | As Shown | | 7 |
| Zs | ***Zelkova serrata* 'Green Vase' | Green Vase | 400-1000L | 10-15m | 6.5-8m | As Shown | - | 42 |
| **Amenity Planting** | | | | | | | | |
| **Shrub Mix SH1 (Tall) Native/Exotic** | | | | | | | | |
| | *Banksia integrifolia* 'Sentinel' | Coastal Banksia | 250mm | 2-3m | 1m | 1m centres | 15% | |
| | *Buckinghamia celsissima* | Ivory Curl | 250mm | 5m | 2.5m | 2m centres | 15% | |
| | *Callistemon* 'Pink Alma' | Pink Alma Bottle Brush | 250mm | 2.5m | 1.8m | 1.5m centres | 20% | |
| | *Camellia japonica* 'Emperor of Russia' | Camellia Emperor of Russia | 250mm | 4m | 2m | 1.5m centres | 10% | |
| | *Hydrangea macrophylla* | Hydrangea | 250mm | 3m | 2m | 1.5m centres | 20% | |
| | *Westringia fruticosa* | Native Rosemary | 250mm | 3m | 3m | 2m centres | 20% | |
| **Shrub Mix SH2 (Medium) Native/Exotic** | | | | | | | | |
| | *Baeckea virgata* | Heath Myrtle | 100mm | 1.5m | 1.2mn | 1m centres | 20% | |
| | *Epacris pulchella* | NSW Coral Heath | 100mm | 1.5m | 1m | 0.8m centres | 30% | |
| | *Ozothamnus diosmifolius* | Everlasting | 100mm | 2m | 1m | 0.8m centres | 10% | |
| | *Pimelea linifolia* | Rice Flower | 100mm | 1.5m | 1m | 0.8m centres | 20% | |
| | *Rosmarinus officinalis* | Rosemary | 200mm | 1.2m | 1m | 1m centres | 20% | |
| **Shrub Mix SH3 (Medium) Native/Exotic** | | | | | | | | |
| | *Callistemon citrinus* 'Endeavour' | Endeavour Bottle brush | 200mm | 2m | 2m | 1.5m centres | 15% | |
| | *Correa alba* | White Correa | 100mm | 1.5m | 1m | 0.8m centres | 20% | |
| | *Grevillea banksia x bipinnatifida* 'Superb' | Superb Grevillea | 150mm | 1.5m | 0.8m | 1m centres | 20% | |
| | *Indigofera australis* | Australian Indigo | 100mm | 1-2m | 1m | 1m centres | 20% | |
| | *Leucopogon juniperinus** | Prickly Beard-heath | 150mm | 1m | 1m | 0.5m centres | 15% | |
| | *Rhaphiolepsis indica* 'Pink Apple Blossum' | Pink Apple Indian Hawethorn | 200mm | 1.2m | 1.5m | 1m centres | 10% | |
| **Shrub Mix SH4 (Medium) Exotic (Highlight mix)** | | | | | | | | |
| | *Canna* 'Camille Bernardin' | Canna Lily | 150mm | 1.2m | 0.8m | 0.5m centres | 10% | |
| | *Echium fastuosum* 'Duxfield Blue' | Duxfield Blue Pride of Madeira | 200mm | 1.5m | 1.5m | 1.5m centres | 15% | |
| | *Hebe 'Sunset Boulevard'* | Sunset Boulevard | 200mm | 1.5m | 1m | 0.8m centres | 20% | |
| | *Kniphofia* 'Poco Red' | Poco Red Hot Pocker | 200mm | 1m | 1m | 0.8m centres | 10% | |
| | *Lavendula dentata* | French Lavender | 200mm | 1.2m | 0.8m | 0.5m centres | 20% | |
| | *Loropetalum chinense rubrum* 'China Pink' | China Pink | 200mm | 2m | 1.5m | 1m centres | 25% | |
| **Screening Shrubs** | | | | | | | | |
| | Banksia spinulosa | Hairpin Banksia | 250mm | 2.5m | 1.5m | 1.2m centres | - | |
| | *Buxus japonica* | Japanese Box | 250mm | 1m | 1m | 0.5m centres | - | |
| | *Camellia sasanqua* 'Jennifer Susan' | Jennifer Susan Camellia | 250mm | 3m | 1.5m | 0.8m centres | - | |
| | *Camellia sasanqua* 'Setsugeka' | Setsugeka Camellia | 250mm | 1.5m | 1m | 0.8m centres | - | |
| | *Magnolia grandiflora* 'Teddy Bear' | Teddy Bear Magnolia | 250mm | 4m | 3m | 1.5m centres | - | |
| | *Murraya paniculata* | Orange Jessamine | 250mm | 3m | 1.5m | 1m centres | - | |
| | *Syzygium australe* 'Resilience' | Resilience Lily Pilly | 250mm | 3m | 1.5m | 0.8m centres | - | |
| | *Viburnum odoratissimum* | Sweet Viburnum | 250mm | 4m | 3m | 1.5m centres | - | |
| | *Xylosma senticosum* | Shiny Xylosma | 250mm | 2m | 1m | 0.8m centres | - | |
| **Entry Planting** | | | | | | | | |
| | *Canna* 'Camille Bernardin' | Canna Lily | 150mm | 1.2m | 0.8m | 0.5m centres | - | |
| | *Lavendula dentata* | French Lavender | 200mm | 1.2m | 0.8m | 0.5m centres | - | |
| | *Loropetalum chinense rubrum* 'China Pink' | China Pink | 200mm | 2m | 1.5m | 1m centres | - | |
| | *Rhaphiolepsis indica* 'Pink Apple Blossum' | Pink Apple Indian Hawethorn | 200mm | 1.2m | 1.5m | 1m centres | - | |
| | *Rosmarinus officinalis prostratus* | Prostrate Rosemary | 150mm | 0.5m | 1m | 0.8m centres | - | |
| **Shade Tolerant Mix ST1** | | | | | | | | |
| | *Alpinia nutans* | Dwarf Cardamon | 150mm | 1.5m | 1m | 0.8m centres | 15% | |
| | *Asplenium nidus* | Birds Nest Fern | 200mm | 1.5m | 1m | 1.2m centres | 5% | |
| | *Blechnum cartilagineum** | Gristle Fern | 150mm | 1.5m | 1m | 0.8m centres | 5% | |
| | *Cycas revoluta* | Cycad | 200mm | 1m | 1.2m | 1.2m centres | 10% | |
| | *Philodendron* 'Xanadu' | Xanadu | 200mm | 1m | 1m | 1m centres | 15% | |
| | *Liriope muscari* 'Isabella' | Isabella | 150mm | 0.5m | 0.5m | 0.5m centres | 25% | |
| | *Clivia minata* | Natal lily | 200mm | 0.6m | 0.5m | 0.5m centres | 25% | |
| **Groundcover Native Mix GC 1** | | | | | | | | |
| | *Doodia aspera** | Prickly Rasp Fern | 100mm | 0.35m | 0.3m | 2 | 10% | |
| | *Grevillea juniperina* 'Cherry Cluster' | Cherry Cluster Grevillea | 100mm | 0.3m | 1m | 2 | 30% | |
| | *Myoporum parvifolium* | Creeping Boobiala | 100mm | 0.3m | 0.8m | 2 | 20% | |
| | *Pratia purpurascens** | White Root | 100mm | 0.15m | 0.4m | 3 | 25% | |
| | *Westringia* 'Low Horizon' | Coastal Rosemary | 100mm | 0.3m | 0.7m | 2 | 15% | |
| **Groundcover Ornamental Mix GC 2** | | | | | | | | |
| | Alternanthera dentata 'Little Ruby' | Little Ruby | 100mm | 0.5m | 0.8m | 3 | 20% | |
| | Convolvulus cneorum | Silverbush | 100mm | 0.5m | 0.6m | 3 | 20% | |
| | *Grevillea x gaudichaudi* | Prickly Rasp Fern | 100mm | 0.35m | 0.3m | 1 | 10% | |
| | *Myoporum parvifolium* | Creeping Boobiala | 100mm | 0.3m | 0.8m | 2 | 10% | |
| | *Osteospermum sp.* | African Daisy | 100mm | 0.4m | 0.5m | 3 | 10% | |
| | Limonium Perezii Blue | Sea Lavender | 100mm | 0.4m | 0.3m | 3 | 30% | |
| **Strappy Plant Mix SP 1 (Native Focus)** | | | | | | | | |
| | *Agapanthus orientalis* | Lily of the Nile | Transplant/150mm | 0.8m | 0.5m | 3 | 10% | |
| | Anigozanthos 'Amber Velvet' | Amber Velvet Kangaroo Paw | 150mm | 0.6-1m | 0.5m | 3 | 10% | |
| | *Dianella caerulea** | Blue Flax Lily | 100mm | 1m | 1.5m | 4 | 15% | |
| | *Dianella tasmanica* 'Tas Red' | Tas Red Flax Lily | 100mm | 0.6m | 0.6m | 4 | 15% | |
| | *Lomandra longifolia** | Mat Rush | 100mm | 1m | 1m | 1 | 20% | |
| | *Lomandra* 'Tanika' | Tanika Mat Rush | 100mm | 0.6m | 0.6m | 2 | 30% | |
| **Strappy Plant Mix SP 2 (Exotic Focus)** | | | | | | | | |
| | Anigozanthos 'Gold Velvet' | Gold Velvet Kangaroo Paw | 150mm | 0.6-1m | 0.5m | 3 | 20% | |
| | *Arthropodium cirratum* 'Te Puna' | Te Puna NZ Rock Lily | 100 - 200mm | 0.4m | 0.5m | 3 | 25% | |
| | *Dianella revoluta* | Black Anther Flax Lily | 100mm | 1m | 1.5m | 4 | 10% | |
| | *Dietes grandiflora* | Wild Iris | 100 - 200mm | 1.2m | 1.2m | 2 | 10% | |
| | *Liriope muscari* 'Isabella' | Isabella | 150mm | 0.4m | 2m | 3 | 25% | |
| | *Lomandra* 'Tanika' | Tanika Mat Rush | 150mm | 0.6m | 0.6m | 3 | 10% | |
| **Green Roof Mix GR(Native Focus)** | | | | | | | | |
| | Anigozanthos 'Gold Velvet' | Gold Velvet Kangaroo Paw | 150mm | 0.6-1m | 0.5m | 3 | 20% | |
| | *Pratia purpurascens** | White Root | Viro tube | 0.15m | 0.4m | 1 | 25% | |
| | *Viola hederacea** | Native Violet | Viro tube | 0.1m | 0.8m | 1 | 10% | |
| | *Dietes grandiflora* | Wild Iris | 100 - 200mm | 1.2m | 1.2m | 2 | 10% | |
| | *Liriope muscari* 'Isabella' | Isabella | 150mm | 0.4m | 2m | 3 | 25% | |
| | *Lomandra* 'Tanika' | Tanika Mat Rush | 150mm | 0.6m | 0.6m | 3 | 10% | |

** Proposed Street Trees

*Denotes species is part of the Blue Gum High Forest

Note: Potential heights of trees located in shallow soil areas (e.g. over structure) have

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Anglicare

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| 2 | DEVELOPMENT APPLICATION | RI | CR | 15.02.22 |
| 1 | DEVELOPMENT APPLICATION | RI | CR | 07.09.21 |

PROJECT NAME & ADDRESS

KILVINTON ANGLICARE

KILVINTON VILLAGE

417 OLD NORTHERN RD,
CASTLE HILL NSW

PROJECT DIRECTOR: CR

DRAWING TITLE

PLANTING SCHEDULES

ISSUE: DEVELOPMENT APPLICATION

PROJECT NO.: 2021035

SCALE

1:250 @ A1 1:500 @ A3

2.5 5 7.5 10 12.5 m

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CASTLE HILL NSW

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PLANTING PLAN 1

ISSUE: DEVELOPMENT APPLICATION

PROJECT NO.: 2021035

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2.5 5 7.5 10 12.5 m

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CASTLE HILL NSW

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DRAWING TITLE

PLANTING PLAN 2

ISSUE

DEVELOPMENT APPLICATION

PROJECT NO.

2021035

SCALE

1:250 @ A1 1:500 @ A3

2.5 5 7.5 10 12.5 m

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LD_DA203

REVISION

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DP 177433

TOM THUMB LAGOON

ISLAND

KILVINTON VILLAGE

REFER LD_DA 205

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B12

B23

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OSD BELOW

GREEN ROOF

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PLANTING PLAN 3

ISSUE: DEVELOPMENT APPLICATION

PROJECT NO.: 2021035

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2.5 5 7.5 10 12.5m

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PLANTING PLAN 4

ISSUE: DEVELOPMENT APPLICATION

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2.5 5 7.5 10 12.5 m

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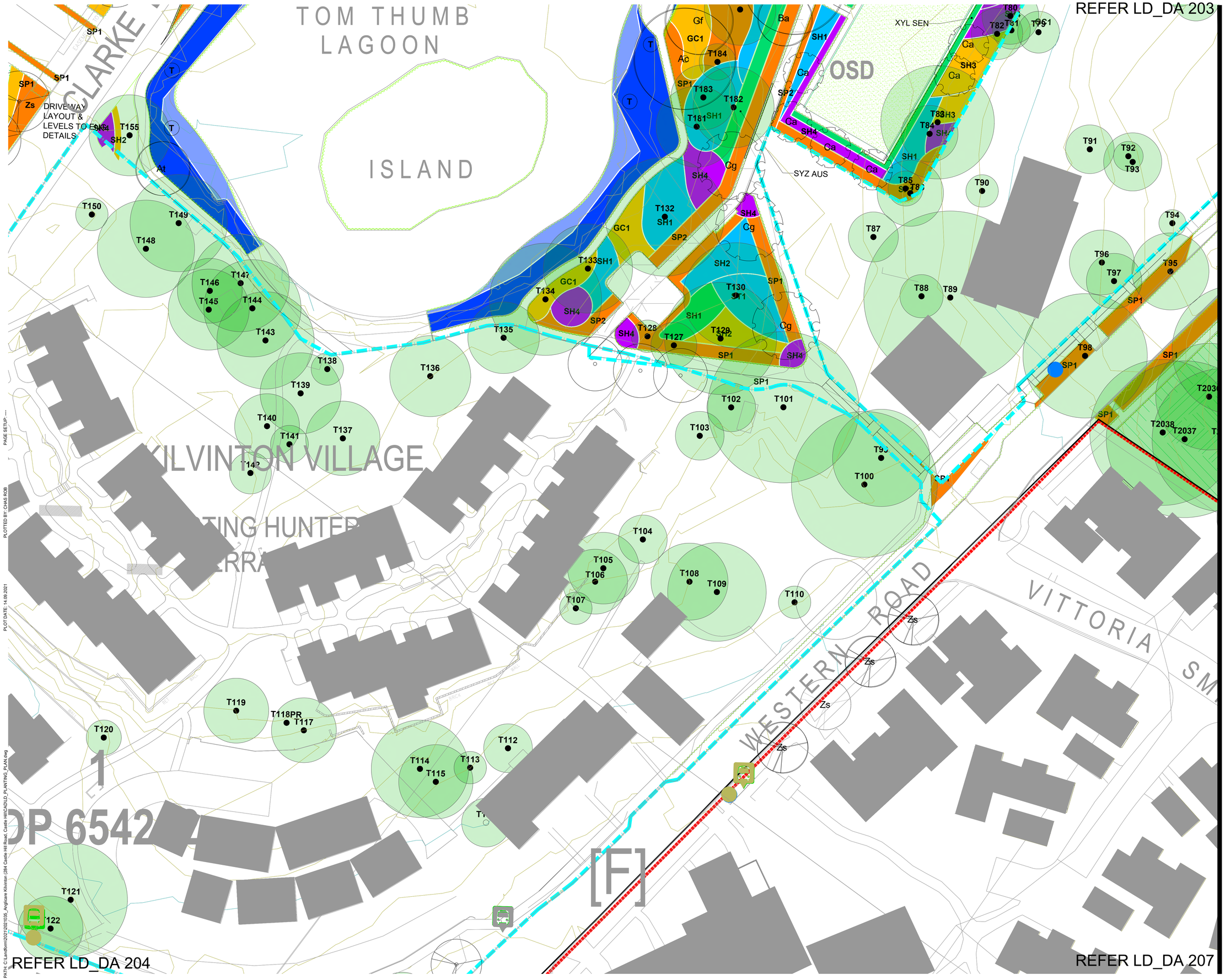


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PLANTING PLAN 5

ISSUE: DEVELOPMENT APPLICATION

PROJECT NO.: 2021035

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REFER LD_DA 208

TERRACES

SS TENSIONED TRELLIS - REFER TO SECTION

Landscaped Green Roof or Bin Loading

GREEN ROOF

GREEN ROOF

DRIVEWAY LAYOUT & LEVELS TO ENG DETAILS

DRIVEWAY LAYOUT & LEVELS TO ENG DETAILS

SYZ AUS

SYZ AUS

B9A

B9B

B8

3

3

3

1

DP 654242

RL171.5

RL168.1

JAMES COOK DRIVE

WHITE COURT

BAN SPI

CAM JEN

MAG GRA

LIMITED IN DEPTH TO RL137.6

LIMITED IN DEPTH TO RL150

T196 T198 T199 T197 T200 T202 T203 T204 T205 T206 T207 T209 T208 T210 T211 T212 T213 T214 T215 T216 T217 T218 T219 T221 T220 T222 T224 T225 T227 T229 T228 T230 T233 T234 T235 T238 T240 T241 T242 T243 T245 T246 T247 T248 T249 T250 T251 T252 T253 T254 T255 T256 T257 T258 T260 T261 T119 T118PR T117 T120 T121 T122

Gf Ca Ac Ht Af Ere Cg Es Gb Fa Po Ti Tl LiS LiT Lit CeN ErP Zs

ST1 SP1 SP2 GC2 GC1 SH1 SH3 SH4 GR

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|---|---|---|---|---|
| 2 | DEVELOPMENT APPLICATION | RI | CR | 15.02.22 |
| 1 | DEVELOPMENT APPLICATION | RI | CR | 07.09.21 |

PROJECT NAME & ADDRESS

KILVINTON ANGLICARE

KILVINTON VILLAGE

417 OLD NORTHERN RD,
CASTLE HILL NSW

PROJECT DIRECTOR: CR

DRAWING TITLE

PLANTING PLAN 6

ISSUE: DEVELOPMENT APPLICATION

PROJECT NO.: 2021035

SCALE

1:250 @ A1 1:500 @ A3

2.5 5 7.5 10 12.5m

DRAWING NO.: LD_DA207

REVISION: 2

01 - SECTION AA
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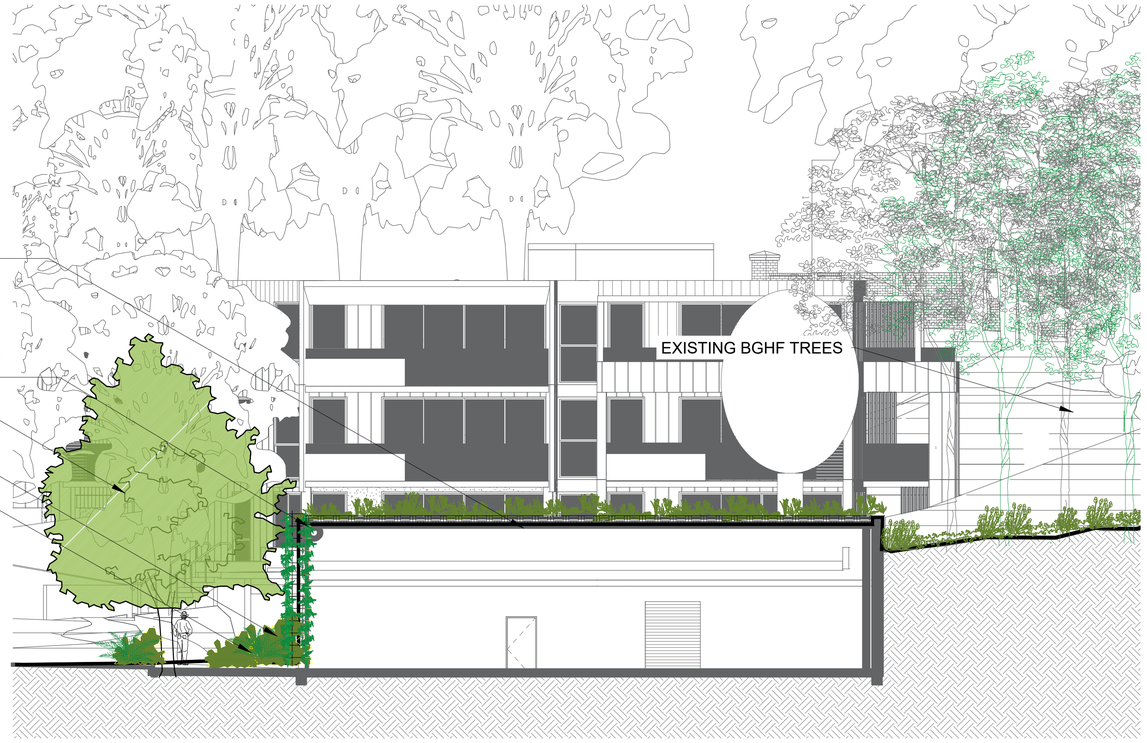
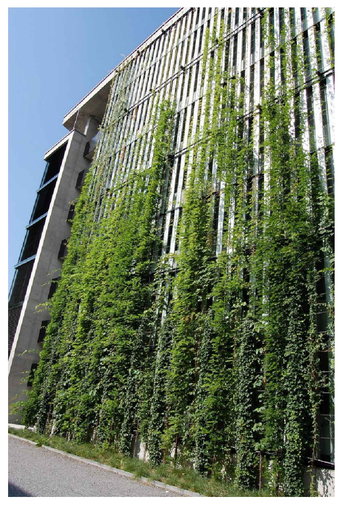



02 - SECTION BB
SCALE 1:100 @ A1



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RETIREMENT VILLAGES
(DIOCESE OF SYDNEY)

Anglicare

ARCHITECT
JACKSON TEECE

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|---|---|---|---|---|
| 1 | DEVELOPMENT APPLICATION | RI | CR | 15.02.22 |

PROJECT NAME & ADDRESS
KILVINTON ANGLICARE
KILVINTON VILLAGE
417 OLD NORTHERN RD,
CASTLE HILL NSW

PROJECT DIRECTOR: CR

DRAWING TITLE
TYPICAL SECTIONS

ISSUE
DEVELOPMENT APPLICATION

PROJECT NO.
2021035

SCALE
1:100 @ A1 1:200 @ A3
1 2 3 4 5 m

DRAWING NO.
LD_DA400

REVISION
1

PAGE SETUP: ---
PLOTTED BY: CHARLIE ROBINSON
PLOT DATE: 16.02.2022
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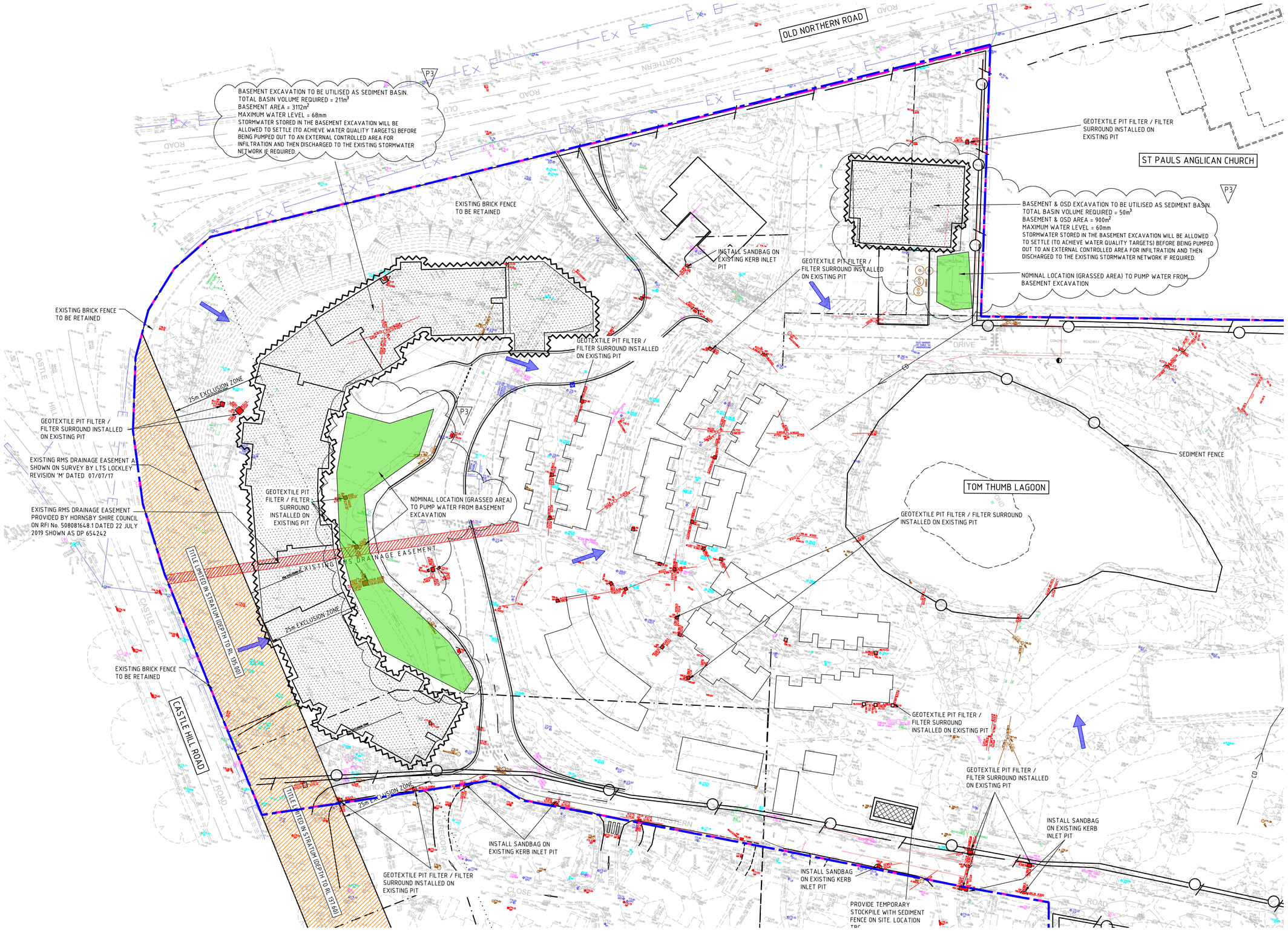


## SURVEY LEGEND

- SITE BOUNDARY
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING STORMWATER DRAINAGE LINE
- EXISTING SEWER LINE
- EXISTING WATER MAIN
- EXISTING GAS LINE
- EXISTING TELECOMMUNICATIONS LINE
- EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- EX TREE

## SITEWORKS LEGEND

- SEDIMENT FENCE
- SITE FENCE
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- TEMPORARY SHAKER RAMP FOR ENTRY/EXIT
- TEMPORARY STOCKPILE (LOCATION TBC ON-SITE)
- GEOTEXTILE PIT FILTER / FILTER SURROUND INSTALLED ON EXISTING PIT
- SANDBAGS INSTALLED ON EXISTING PIT
- EXISTING OVERLAND FLOW
- SAFETY/BARRIER FENCE
- SEDIMENT BASIN
- CATCH DRAIN
- TITLE LIMITED IN STRATUM (DEPTH AS SHOWN)
- EXISTING RMS DRAINAGE EASEMENT SHOWN INDICATIVELY ONLY. REFER TO HORNSBY SHIRE COUNCIL RFI No. 508081648.1 DATED 22 JULY 2019

GENERAL NOTES:

1. INSTALL GEOTEXTILE PIT FILTER/FILTER SURROUND ON EXISTING INLET PIT
2. INSTALL SANDBAG ON EXISTING KERB INLET PIT


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| P3 | ISSUED FOR DA SUBMISSION | 25.01.22 | FM | - |
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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SOIL AND WATER MANAGEMENT PLAN-SHEET 1

# DEVELOPMENT APPLICATION

| | |
|---|---|
| Designed | AN |
| Drawn | FM |
| Scale | 1:500 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |

Project Director Approved | Date | North

Project Ref: 22 - 0062 | Drawing No: C005 | Rev: P3

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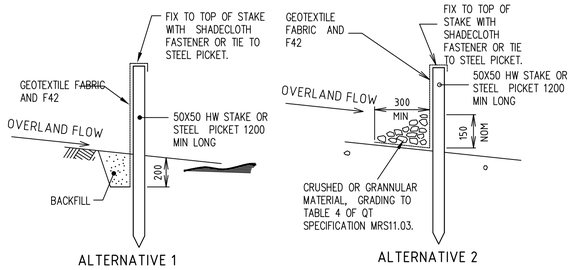
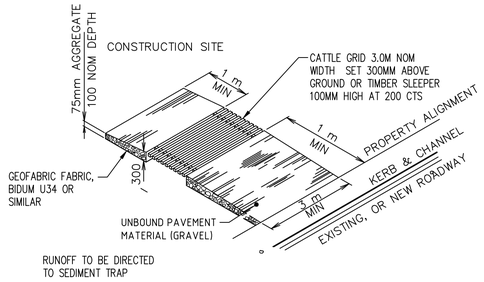
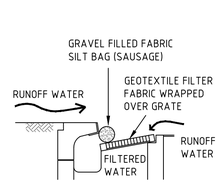



ALTERNATIVE 1 ALTERNATIVE 2

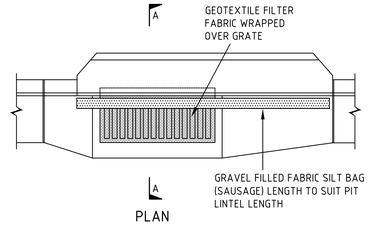
## TEMPORARY CONSTRUCTION VEHICLE ENTRY/EXIT SEDIMENT TRAP

NOT TO SCALE



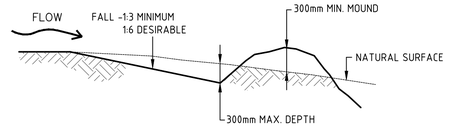

SECTION A-A




PLAN

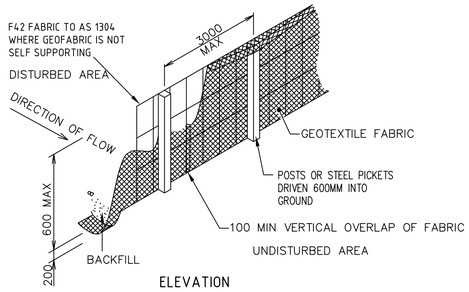
## KERB INLET SEDIMENT TRAP

NOT TO SCALE




## CATCH DRAIN

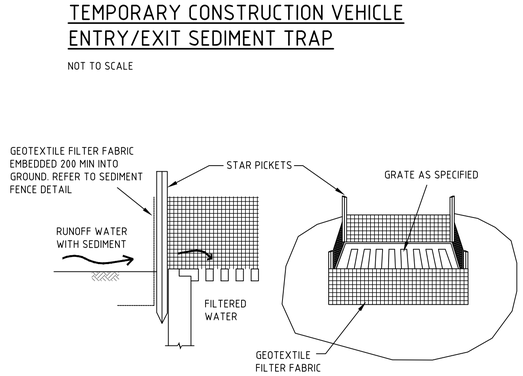
NOT TO SCALE




ELEVATION

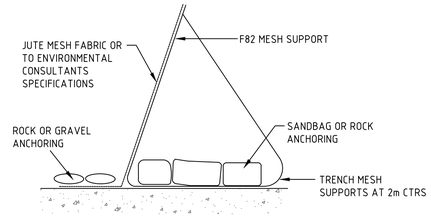
## SEDIMENT FENCE

NOT TO SCALE



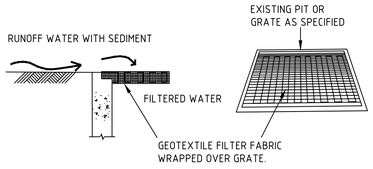

## GEOTEXTILE PIT FILTER 1

NOT TO SCALE




## ALTERNATIVE SEDIMENT FENCE

NOT TO SCALE

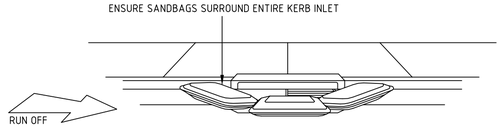



## GEOTEXTILE PIT FILTER 2

NOT TO SCALE

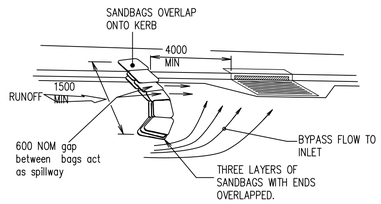
**ALTERNATIVE SEDIMENT FENCE NOTES**

1. INSTALL THIS TYPE OF SEDIMENT FENCE WHEN USE OF SUPPORT POSTS IS NOT DESIRABLE OR NOT POSSIBLE. SUCH CONDITIONS MIGHT APPLY, FOR EXAMPLE, WHERE APPROVAL IS GRANTED FROM THE APPROPRIATE AUTHORITIES TO PLACE THESE FENCES IN HIGHLY SENSITIVE ESTUARINE AREAS.
2. USE BENT TRENCH MESH TO SUPPORT THE F82 WELDED MESH FACING AS SHOWN ON THE DRAWING ABOVE. ATTACH THE JUTE MESH TO THE WELDED MESH FACING USING UV-RESISTANT CABLE TIES.
3. STABILISE THE WHOLE STRUCTURE WITH SANDBAG OR ROCK ANCHORING OVER THE TRENCH MESH AND THE LEADING EDGE OF THE JUTE MESH. THE ANCHORING SHOULD BE SUFFICIENTLY LARGE TO ENSURE STABILITY OF THE STRUCTURE IN THE DESIGN STORM EVENT, USUALLY THE 10 YEAR EVENT.



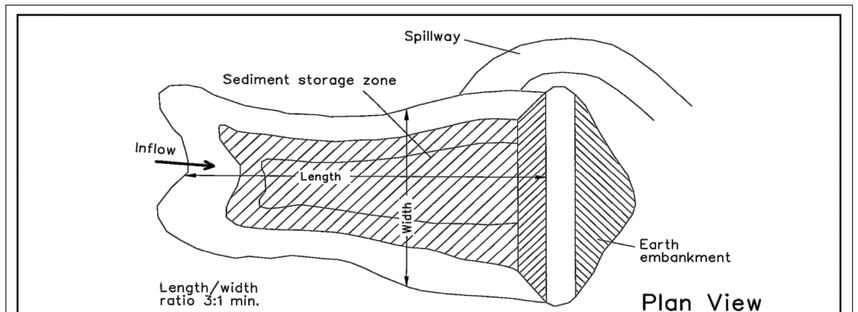

## SANDBAG KERB INLET SEDIMENT TRAP

NOT TO SCALE




## ON GRADE KERB INLET SEDIMENT TRAP

NOT TO SCALE




## Construction Notes

1. Remove all vegetation and topsoil from under the dam wall and from within the storage area.
2. Construct a cut-off trench 500 mm deep and 1,200 mm wide along the centreline of the embankment extending to a point on the gully wall level with the riser crest.
3. Maintain the trench free of water and recompact the materials with equipment as specified in the SWMP to 95 per cent Standard Proctor Density.
4. Select fill following the SWMP that is free of roots, wood, rock, large stone or foreign material.
5. Prepare the site under the embankment by ripping to at least 100 mm to help bond compacted fill to the existing substrate.
6. Spread the fill in 100 mm to 150 mm layers and compact it at optimum moisture content following the SWMP.
7. Construct the emergency spillway.
8. Rehabilitate the structure following the SWMP.

## EARTH BASIN - WET

**(APPLIES TO 'TYPE D' AND 'TYPE F' SOILS ONLY)**

**SD 6-4**

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SOIL AND WATER MANAGEMENT DETAILS

DEVELOPMENT APPLICATION

| | | | |
|---|---|---|---|
| Designed | AN | Project Director Approved | Date |
| Drawn | FM | | |
| Scale | NTS | | |
| Date | AUG 2021 | | |
| Sheet | A1 | | |

North

| Project Ref | Drawing No | Rev |
|---|---|---|
| 22 - 0062 | C006 | P2 |

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Note: These "Detailed Calculation" spreadsheets relate only to high erosion hazard lands as identified in figure 4.6 or where the designer chooses to use the RUSLE to size sediment basins. The "Standard Calculation" spreadsheets should be used on low erosion hazard lands as identified by figure 4.6 and where the designer chooses not to run the RUSLE in calculations.

## 1. Site Data Sheet

**Site Name: Kilvinton & Dorothy Mowll Court Renewal**

**Site Location: 417 Old Northern Road, Castle Hill**

**Precinct: Healthcare**

**Description of Site:**

| Site area | Site | | | | | | Remarks |
|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | | | | |
| Total catchment area (ha) | 0.905 | 0.18 | 0.36 | | | | |
| Disturbed catchment area (ha) | 0.356 | 0.09 | 0.2 | | | | |

**Soil analysis**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| % sand (faction 0.02 to 2.00 mm | | | | | | | Soil texture should be assessed through mechanical dispersion only. Dispersing agents (e.g. Calgon) should not be used |
| % silt (fraction 0.002 to 0.02 mm) | | | | | | | |
| % clay (fraction finer than 0.002 mm) | | | | | | | |
| Dispersion percentage | | | | | | | E.g. enter 10 for dispersion of 10% |
| % of whole soil dispersible | | | | | | | See Section 6.3.3(e) |
| Soil Texture Group | | | | | | | See Section 6.3.3(c), (d) and (e) |

**Rainfall data**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Design rainfall depth (days) | 5 | 5 | 5 | | | | See Sections 6.3.4 (d) and (e) |
| Design rainfall depth (percentile) | 85 | 85 | 85 | | | | See Sections 6.3.4 (f) and (g) |
| x-day, y-percentile rainfall event | 43.3 | 43.3 | 43.3 | | | | See Section 6.3.4 (h) |
| Rainfall intensity: 2-year, 6-hour storm | 10.4 | 10.4 | 10.4 | | | | See IFD chart for the site |

**RUSLE Factors**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Rainfall erosivity (*R*-factor) | 2380 | 2380 | 2380 | | | | Automatic calculation from above data |
| Soil erodibility (*K*-factor) | 0.026 | 0.026 | 0.026 | | | | RUSLE data can be obtained from Appendixes A, B and C |
| Slope length (m) | 28 | 28 | 28 | | | | |
| Slope gradient (%) | 17 | 17 | 17 | | | | |
| Length/gradient (*LS*-factor) | 2.9 | 2.9 | 2.9 | | | | |
| Erosion control practice (*P*-factor) | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | |
| Ground cover (*C* -factor) | 1 | 1 | 1 | 1 | 1 | 1 | |

**Calculations**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Soil loss (t/ha/yr) | 233 | 233 | 233 | | | | |
| Soil Loss Class | 3 | 3 | 3 | | | | See Section 4.4.2(b) |
| Soil loss ($m^3$/ha/yr) | 179 | 179 | 179 | | | | |
| Sediment basin storage volume, $m^3$ | 11 | 3 | 6 | | | | See Sections 6.3.4(i) and 6.3.5 (e) |

## 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:

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

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 x-day period

$R_{x\text{-day, y-\%ile}}$ = 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 here:

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

### Total Basin Volume

| Site | $C_v$ | $R_{x\text{-day, y-\%ile}}$ | Total catchment area (ha) | Settling zone volume ($m^3$) | Sediment storage volume ($m^3$) | Total basin volume ($m^3$) |
|---|---|---|---|---|---|---|
| 1 | 0.51 | 43.3 | 0.905 | 199.85115 | 11 | 210.85115 |
| 2 | 0.51 | 43.3 | 0.18 | 39.7494 | 3 | 42.7494 |
| 3 | 0.51 | 43.3 | 0.36 | 79.4988 | 6 | 85.4988 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SOIL AND WATER MANAGEMENT CONTROL CALCULATIONS

DEVELOPMENT APPLICATION

Designed AN | Drawn FM | Scale NTS | Date AUG 2021 | Sheet A1

Project Director Approved | Date | North

Project Ref 22 - 0062 | Drawing No C007 | Rev P1

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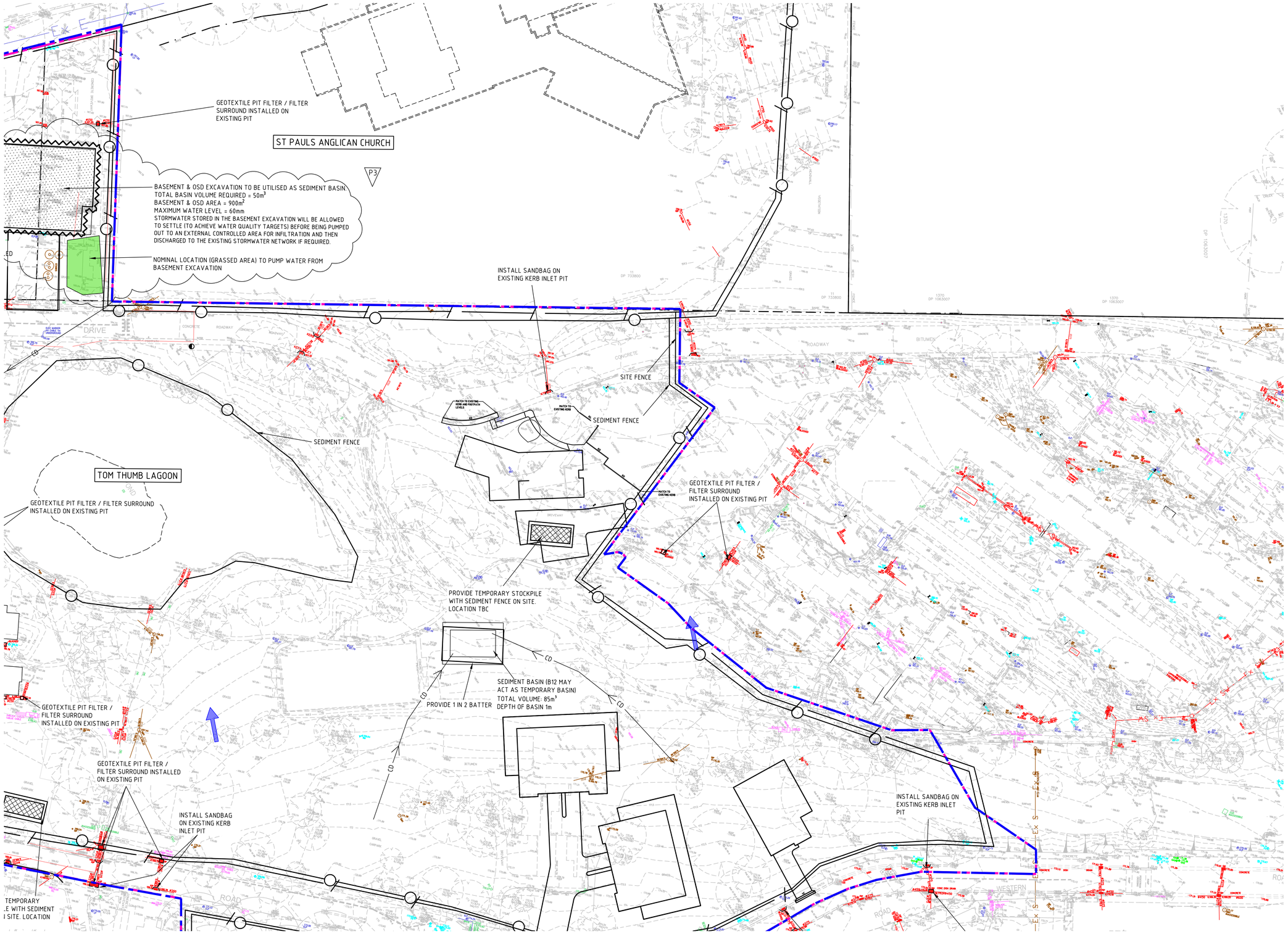


REFER TO DRAWING C005 FOR CONTINUATION

REFER TO DRAWING C009 FOR CONTINUATION

## SURVEY LEGEND

- SITE BOUNDARY
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING STORMWATER DRAINAGE LINE
- EXISTING SEWER LINE
- EXISTING WATER MAIN
- EXISTING GAS LINE
- EXISTING TELECOMMUNICATIONS LINE
- EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- EX TREE

## SITEWORKS LEGEND

- SEDIMENT FENCE
- SITE FENCE
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- TEMPORARY SHAKER RAMP FOR ENTRY/EXIT
- TEMPORARY STOCKPILE (LOCATION TBC ON-SITE)
- GEOTEXTILE PIT FILTER / FILTER SURROUND INSTALLED ON EXISTING PIT
- SANDBAGS INSTALLED ON EXISTING PIT
- EXISTING OVERLAND FLOW
- SAFETY/BARRIER FENCE
- SEDIMENT BASIN
- CATCH DRAIN

GENERAL NOTES:

1. INSTALL GEOTEXTILE PIT FILTER/FILTER SURROUND ON EXISTING INLET PIT
2. INSTALL SANDBAG ON EXISTING KERB INLET PIT


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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SOIL AND WATER MANAGEMENT PLAN-SHEET 2

# DEVELOPMENT APPLICATION

| | |
|---|---|
| Designed | AN |
| Drawn | FM |
| Scale | 1:500 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |

Project Director Approved | Date | North

Project Ref: 22 - 0062 | Drawing No: C008 | Rev: P3

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REFER TO DRAWING C008 FOR CONTINUATION

REFER TO DRAWING C005 FOR CONTINUATION

GEOTEXTILE PIT FILTER / FILTER SURROUND INSTALLED ON EXISTING PIT

GEOTEXTILE PIT FILTER / FILTER SURROUND INSTALLED ON EXISTING PIT

INSTALL SANDBAG ON EXISTING KERB INLET PIT

INSTALL SANDBAG ON EXISTING KERB INLET PIT

PROVIDE TEMPORARY STOCKPILE WITH SEDIMENT FENCE ON SITE. LOCATION TBC

SEDIMENT BASIN (B12 MAY ACT AS TEMPORARY BASIN)
TOTAL VOLUME: 85m³
DEPTH OF BASIN 1m

PROVIDE 1 IN 2 BATTER

INSTALL SANDBAG ON EXISTING KERB INLET PIT

GEOTEXTILE PIT FILTER / FILTER SURROUND INSTALLED ON EXISTING PIT

INSTALL SANDBAG ON EXISTING KERB INLET PIT

INSTALL SANDBAG ON EXISTING KERB INLET PIT

GEOTEXTILE PIT FILTER / FILTER SURROUND INSTALLED ON EXISTING PIT

PROVIDE TEMPORARY SHAKER RAMP FOR ENTRY/EXIT

INDICATIVE STAGE 1 BOUNDARY

PROVIDE TEMPORARY STOCKPILE WITH SEDIMENT FENCE ON SITE. LOCATION TBC

ALICE HANCOCK CLOSE

TALL TREES AVENUE

BROUGHTON AVENUE

HILLIARD DRIVE

## SURVEY LEGEND

- SITE BOUNDARY
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- Ex SW — EXISTING STORMWATER DRAINAGE LINE
- Ex S — EXISTING SEWER LINE
- Ex W — EXISTING WATER MAIN
- Ex G — EXISTING GAS LINE
- Ex T — EXISTING TELECOMMUNICATIONS LINE
- Ex E — EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- EX TREE

## SITEWORKS LEGEND

- SEDIMENT FENCE
- SITE FENCE
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- TEMPORARY SHAKER RAMP FOR ENTRY/EXIT
- TEMPORARY STOCKPILE (LOCATION TBC ON-SITE)
- GEOTEXTILE PIT FILTER / FILTER SURROUND INSTALLED ON EXISTING PIT
- SANDBAGS INSTALLED ON EXISTING PIT
- EXISTING OVERLAND FLOW
- SAFETY/BARRIER FENCE
- SEDIMENT BASIN (LOCATION TBC ON-SITE)
- CATCH DRAIN

**GENERAL NOTES:**

1. INSTALL GEOTEXTILE PIT FILTER/FILTER SURROUND ON EXISTING INLET PIT
2. INSTALL SANDBAG ON EXISTING KERB INLET PIT

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| Rev | Description | Date | By | App |
|---|---|---|---|---|
| P2 | ISSUED FOR DA SUBMISSION | 14.09.21 | FM | - |
| P1 | ISSUED FOR DA SUBMISSION | 07.09.21 | FM | - |

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Anglicare

Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE
417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SOIL AND WATER MANAGEMENT PLAN-SHEET 3

DEVELOPMENT APPLICATION

| | | | |
|---|---|---|---|
| Designed | AN | Project Director Approved | Date |
| Drawn | FM | | |
| Scale | 1:500 @A1 | | |
| Date | AUG 2021 | | |
| Sheet | A1 | | |

North

Project Ref: 22 - 0062 Drawing No: C009 Rev: P2

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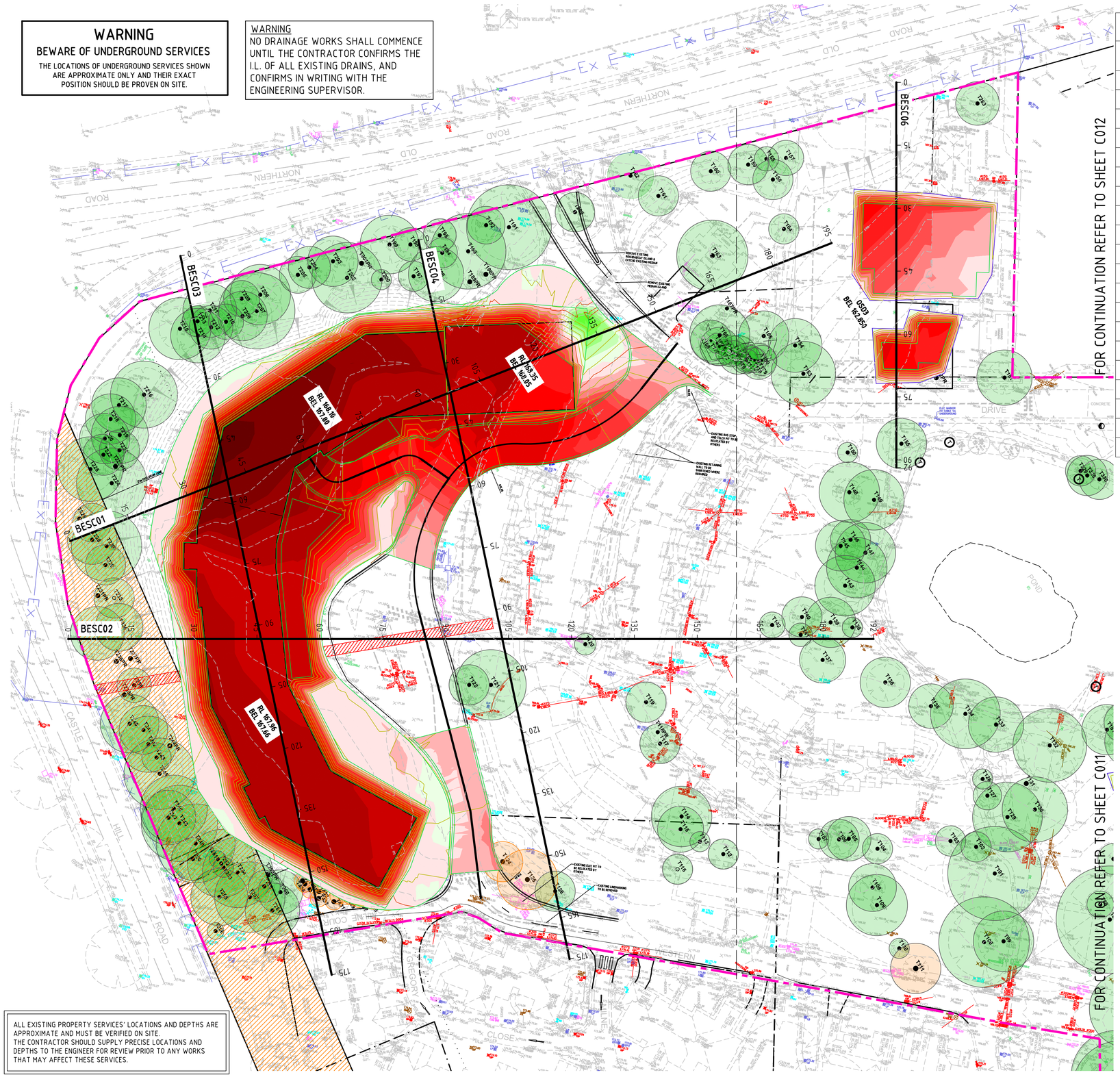
PM By: Farnaz Yohannadi

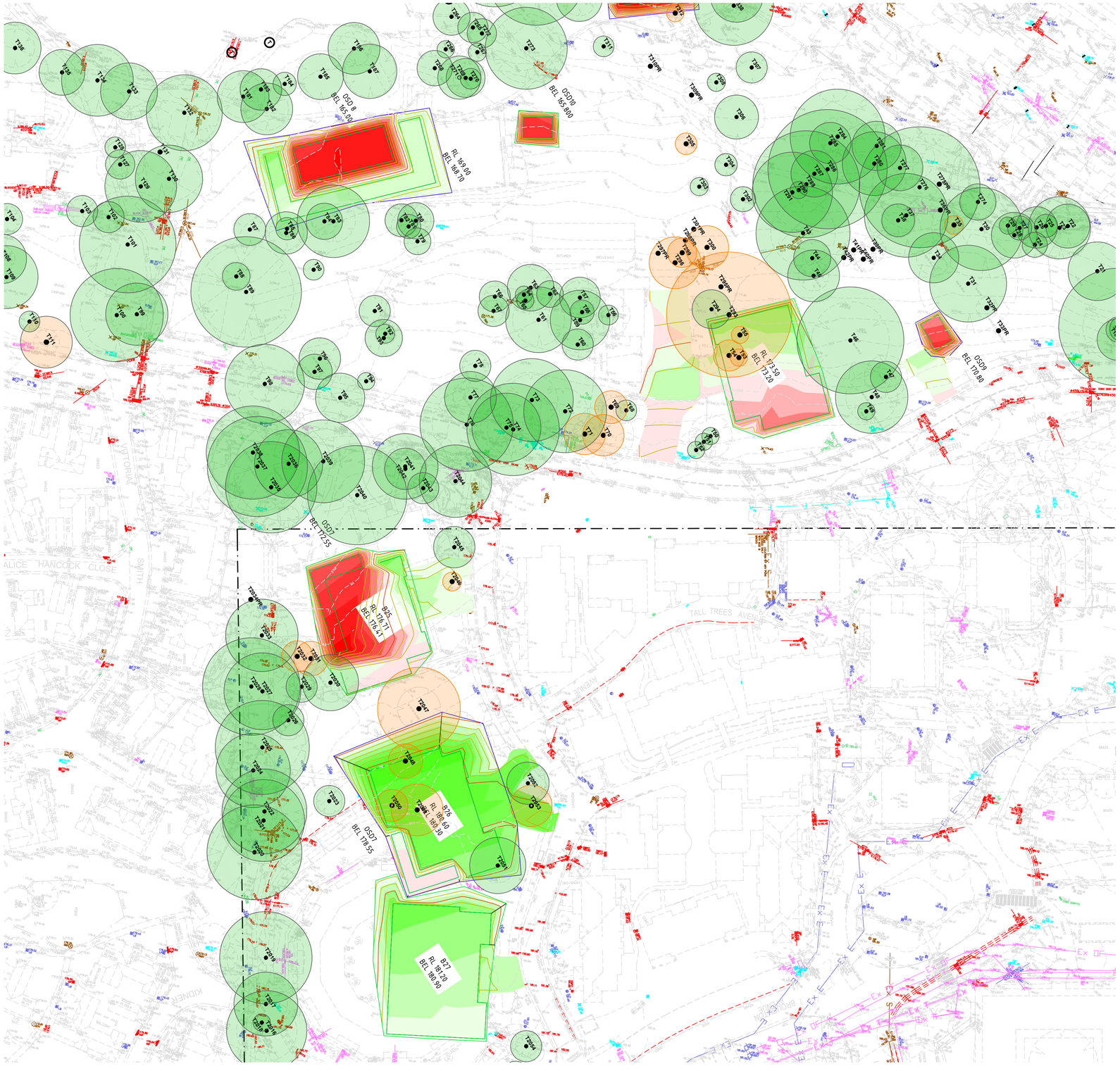
**WARNING**
**BEWARE OF UNDERGROUND SERVICES**
THE LOCATIONS OF UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.

**WARNING**
NO DRAINAGE WORKS SHALL COMMENCE UNTIL THE CONTRACTOR CONFIRMS THE I.L. OF ALL EXISTING DRAINS, AND CONFIRMS IN WRITING WITH THE ENGINEERING SUPERVISOR.


BESC01
BESC02
BESC03
BESC04
BESC06
RL 168.10
BEL 167.60
RL 169.35
BEL 168.85
RL 167.86
BEL 167.66
DSD3
BEL 162.850
FOR CONTINUATION REFER TO SHEET C012
FOR CONTINUATION REFER TO SHEET C011
EXISTING RMS DRAINAGE EASEMENT TO BE REMOVED
EXISTING RMS DRAINAGE EASEMENT TO BE REMOVED
EXISTING RMS DRAINAGE EASEMENT TO BE REMOVED
EXISTING ELEC PIT TO BE RELOCATED BY OTHERS
EXISTING LANDSCAPING TO BE REMOVED
EXISTING RMS DRAINAGE EASEMENT

FOR CONTINUATION REFER TO SHEET C012

FOR CONTINUATION REFEER TO SHEET C010




## Cut and Fill Depth Range

| Color | Minimum Elevation (m) | Maximum Elevation (m) |
|---|---|---|
| | -7.000 | -6.500 |
| | -6.500 | -6.000 |
| | -6.000 | -5.500 |
| | -5.500 | -5.000 |
| | -5.000 | -4.500 |
| | -4.500 | -4.000 |
| | -4.000 | -3.500 |
| | -3.500 | -3.000 |
| | -3.000 | -2.500 |
| | -2.500 | -2.000 |
| | -2.000 | -1.500 |
| | -1.500 | -1.000 |
| | -1.000 | -0.500 |
| | -0.500 | 0.000 |
| | 0.000 | 0.500 |
| | 0.500 | 1.000 |
| | 1.000 | 1.500 |
| | 1.500 | 2.000 |
| | 2.000 | 2.500 |
| | 2.500 | 3.000 |

## LEGEND

- Ex SW — EXISTING STORMWATER DRAINAGE LINE
- Ex S — EXISTING SEWER LINE
- Ex W — EXISTING WATER MAIN
- Ex G — EXISTING GAS LINE
- Ex T — EXISTING TELECOMMUNICATIONS LINE
- Ex E — EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- TITLE LIMITED IN STRATUM (DEPTH AS SHOWN)
- EXISTING RMS DRAINAGE EASEMENT SHOWN INDICATIVELY ONLY. REFER TO HORNSBY SHIRE COUNCIL RFI No. 508081648.1 DATED 22 JULY 2019
- BEL 48.72 — FINISHED BULK EXCAVATION LEVEL
- 48.50 — BULK EARTHWORKS CONTOURS
- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- +24.50 — EX SURFACE LEVEL
- 5.00 — EX SURFACE CONTOUR
- TPZ — EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED

## EXCAVATION NOTES

E1 VOLUMES ARE APPROXIMATE ONLY AND DO NOT INCORPORATE BULKING FACTORS AND OVER EXCAVATION. VOLUMES HAVE BEEN CALCULATED BETWEEN EXISTING SURFACE LEVELS AND BULK EARTHWORKS LEVELS.

E2 GROUND WATER SEEPAGE MAY OCCUR IN EXCAVATED AREAS. DE-WATERING MAY BE REQUIRED IN THIS INSTANCE.

E3 THIS DRAWING ONLY DETAILS EXCAVATION ASSOCIATED WITH THE BUILDING SLAB (IGNORING STRUCTURAL FOOTINGS, BEAMS AND COLUMNS).

E4 PROVIDE TEMPORARY MAXIMUM 1 IN 1 BATTERS U.N.O. GEOTECH TO CONFIRM BATTER ACCEPTABILITY DURING CONSTRUCTION.

E5 APPROVED EXCAVATED SITE TOPSOIL IS TO BE TEMPORARILY STOCKPILED WITHIN APPROVED LANDSCAPE ZONES (TO BE CONFIRMED ON SITE) AND RE-USED AS LANDSCAPING TOPSOIL IN ACCORDANCE WITH THE LANDSCAPE ARCHITECTS SPECIFICATIONS. WHERE NECESSARY, AND AS INDICATED BY SOIL TESTING, STOCKPILED TOPSOIL WILL BE AMELIORATED FOR THAT PURPOSE

E6 APPROVED EXCAVATED MATERIAL IS TO BE TEMPORARILY STOCKPILED WITHIN APPROVED LANDSCAPE ZONES (TO BE CONFIRMED ON SITE) AND RE-USED AS BACKFILL IN ACCORDANCE WITH THE ENGINEERS SPECIFICATIONS.

E7 REFER TO ARBORIST REPORT FOR TREE PROTECTION MEASURES IF REQUIRED.

E8 500mm ZONE OFFSET FROM BUILDING HAS BEEN ALLOWED FOR FORM WORK.

E9 SITE SURVEY SUPPLIED BY LTS LOCKLEY PTY LTD PROJECT: 33040, REF: 33880DT, REV Q, DATED 13.06.18

E10 THIS DRAWING DOES NOT DETAIL EXTENT OF WORKS TO ACHIEVE FINISHED GROUND LEVELS IN ACCORDANCE WITH DETAILED LANDSCAPE AND ARCHITECTURAL PLANS.

## BULK EARTHWORKS VOLUMES:

| | |
|---|---|
| CUT | 36,700 $m^3$ |
| FILL | 1,900 $m^3$ |
| EXCESS | 34,800 $m^3$ |

NOTES

1. BULK EARTHWORKS FOR BUILDINGS ARE 300mm BELOW BASEMENT FLOOR LEVELS - SEE BULK EXCAVATION DETAIL BELOW
2. FOR ROADWORK DEPTHS REFER TO PAVEMENT DETAILS ON SHEET C070
3. RE-USED EXCAVATED MATERIAL FOR LANDSCAPED FILL AREAS BETWEEN BUILDINGS **B8, B9, B12, B19, B22, B23, B25, B26, B27 & B28** NOT SHOWN FOR CLARITY
4. APPROVED EXCESS EXCAVATED TOPSOIL MAY BE DISTRIBUTED TO LANDSCAPED AREAS THROUGHOUT THE SITE WHERE APPROVED BY THE LANDSCAPE ARCHITECT AND OR ARBORIST - SEE EXCAVATION NOTES E5 AND E6.

**WARNING**
**BEWARE OF UNDERGROUND SERVICES**
THE LOCATIONS OF UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.

WARNING
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| P4 | ISSUED FOR DA SUBMISSION | 16.09.21 | SC | - |
| P3 | ISSUED FOR DA SUBMISSION | 15.09.21 | DS | - |
| P2 | ISSUED FOR DA SUBMISSION | 14.09.21 | DS | - |
| P1 | ISSUED FOR DA SUBMISSION | 07.09.21 | DS | - |

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Anglicare

Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: BULK EARTHWORKS PLAN SHEET 2

DEVELOPMENT APPLICATION

| | |
|---|---|
| Designed | AN |
| Drawn | DS |
| Scale | 1:500 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |

Project Director Approved | Date | North

Project Ref: 22 - 0062 | Drawing No: C011 | Rev: P4

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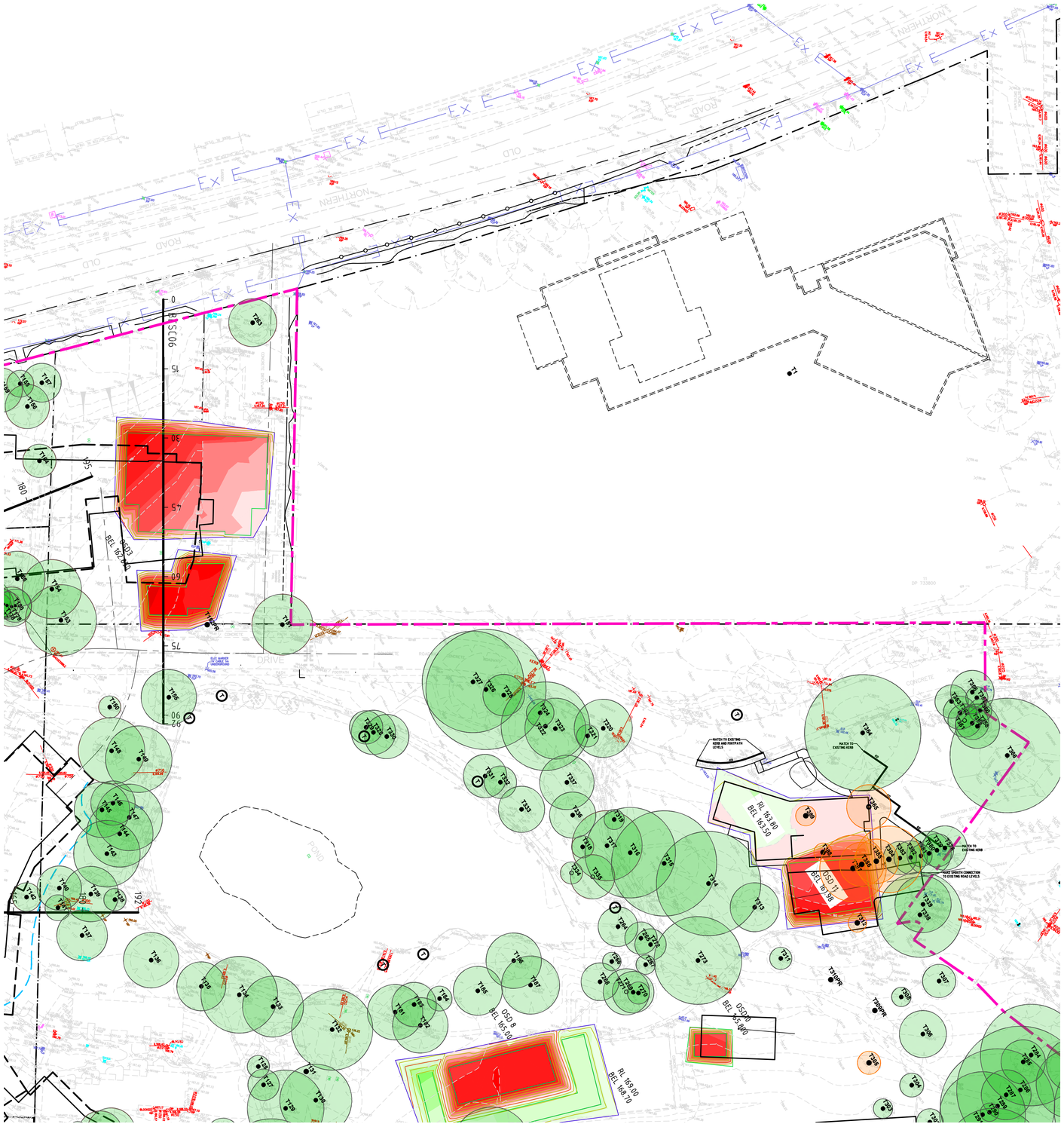


## Cut and Fill Depth Range

| Color | Minimum Elevation (m) | Maximum Elevation (m) |
|---|---|---|
| | -7.000 | -6.500 |
| | -6.500 | -6.000 |
| | -6.000 | -5.500 |
| | -5.500 | -5.000 |
| | -5.000 | -4.500 |
| | -4.500 | -4.000 |
| | -4.000 | -3.500 |
| | -3.500 | -3.000 |
| | -3.000 | -2.500 |
| | -2.500 | -2.000 |
| | -2.000 | -1.500 |
| | -1.500 | -1.000 |
| | -1.000 | -0.500 |
| | -0.500 | 0.000 |
| | 0.000 | 0.500 |
| | 0.500 | 1.000 |
| | 1.000 | 1.500 |
| | 1.500 | 2.000 |
| | 2.000 | 2.500 |
| | 2.500 | 3.000 |

## LEGEND

- Ex SW — EXISTING STORMWATER DRAINAGE LINE
- Ex S — EXISTING SEWER LINE
- Ex W — EXISTING WATER MAIN
- Ex G — EXISTING GAS LINE
- Ex T — EXISTING TELECOMMUNICATIONS LINE
- Ex E — EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- TITLE LIMITED IN STRATUM (DEPTH AS SHOWN)
- EXISTING RMS DRAINAGE EASEMENT SHOWN INDICATIVELY ONLY. REFER TO HORNSBY SHIRE COUNCIL RFI No. 508081648.1 DATED 22 JULY 2019
- BEL 48.72 — FINISHED BULK EXCAVATION LEVEL
- 48.50 — BULK EARTHWORKS CONTOURS
- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- +24.50 — EX SURFACE LEVEL
- 5.00 — EX SURFACE CONTOUR
- TPZ — EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED

## EXCAVATION NOTES

E1 VOLUMES ARE APPROXIMATE ONLY AND DO NOT INCORPORATE BULKING FACTORS AND OVER EXCAVATION. VOLUMES HAVE BEEN CALCULATED BETWEEN EXISTING SURFACE LEVELS AND BULK EARTHWORKS LEVELS.

E2 GROUND WATER SEEPAGE MAY OCCUR IN EXCAVATED AREAS. DE-WATERING MAY BE REQUIRED IN THIS INSTANCE.

E3 THIS DRAWING ONLY DETAILS EXCAVATION ASSOCIATED WITH THE BUILDING SLAB (IGNORING STRUCTURAL FOOTINGS, BEAMS AND COLUMNS).

E4 PROVIDE TEMPORARY MAXIMUM 1 IN 1 BATTERS U.N.O. GEOTECH TO CONFIRM BATTER ACCEPTABILITY DURING CONSTRUCTION.

E5 APPROVED EXCAVATED SITE TOPSOIL IS TO BE TEMPORARILY STOCKPILED WITHIN APPROVED LANDSCAPE ZONES (TO BE CONFIRMED ON SITE) AND RE-USED AS LANDSCAPING TOPSOIL IN ACCORDANCE WITH THE LANDSCAPE ARCHITECTS SPECIFICATIONS. WHERE NECESSARY, AND AS INDICATED BY SOIL TESTING, STOCKPILED TOPSOIL WILL BE AMELIORATED FOR THAT PURPOSE

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E7 REFER TO ARBORIST REPORT FOR TREE PROTECTION MEASURES IF REQUIRED.

E8 500mm ZONE OFFSET FROM BUILDING HAS BEEN ALLOWED FOR FORM WORK.

E9 SITE SURVEY SUPPLIED BY LTS LOCKLEY PTY LTD PROJECT: 33940, REF: 33880DT, REV Q, DATED 13.06.18

E10 THIS DRAWING DOES NOT DETAIL EXTENT OF WORKS TO ACHIEVE FINISHED GROUND LEVELS IN ACCORDANCE WITH DETAILED LANDSCAPE AND ARCHITECTURAL PLANS.

## BULK EARTHWORKS VOLUMES:

| | |
|---|---|
| CUT | 36,700 m³ |
| FILL | 1,900 m³ |
| EXCESS | 34,800 m³ |

NOTES

1. BULK EARTHWORKS FOR BUILDINGS ARE 300mm BELOW BASEMENT FLOOR LEVELS - SEE BULK EXCAVATION DETAIL BELOW
2. FOR ROADWORK DEPTHS REFER TO PAVEMENT DETAILS ON SHEET C070
3. RE-USED EXCAVATED MATERIAL FOR LANDSCAPED FILL AREAS BETWEEN BUILDINGS B8, B9, B12, B19, B22, B23, B25, B26, B27 & B28 NOT SHOWN FOR CLARITY
4. APPROVED EXCESS EXCAVATED TOPSOIL MAY BE DISTRIBUTED TO LANDSCAPED AREAS THROUGHOUT THE SITE WHERE APPROVED BY THE LANDSCAPE ARCHITECT AND OR ARBORIST - SEE EXCAVATION NOTES E5 AND E6.

**WARNING**
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WARNING
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| P3 | ISSUED FOR DA SUBMISSION | 15.09.21 | DS | - |
| P2 | ISSUED FOR DA SUBMISSION | 14.09.21 | DS | - |
| P1 | ISSUED FOR DA SUBMISSION | 07.09.21 | DS | - |

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: BULK EARTHWORKS PLAN SHEET 3

DEVELOPMENT APPLICATION

| | |
|---|---|
| Designed | AN |
| Drawn | DS |
| Scale | 1:500 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |

Project Director Approved Date North

Project Ref 22 - 0062 Drawing No C012 Rev P3

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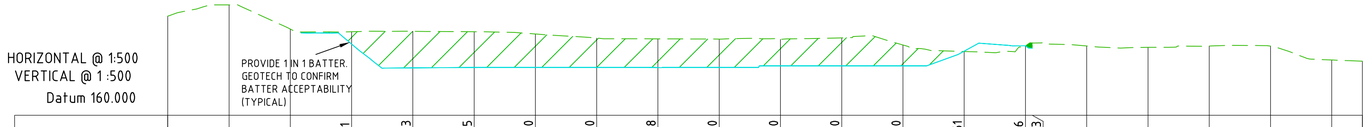
PM By: Farnaz.Tohidimajedi

## EXCAVATION NOTES

E1 VOLUMES ARE APPROXIMATE ONLY AND DO NOT INCORPORATE BULKING FACTORS AND OVER EXCAVATION. VOLUMES HAVE BEEN CALCULATED BETWEEN EXISTING SURFACE LEVELS AND BULK EARTHWORKS LEVELS.
E2 GROUND WATER SEEPAGE MAY OCCUR IN EXCAVATED AREAS. DE-WATERING MAY BE REQUIRED IN THIS INSTANCE.
E3 THIS DRAWING ONLY DETAILS EXCAVATION ASSOCIATED WITH THE BUILDING SLAB (IGNORING STRUCTURAL FOOTINGS, BEAMS AND COLUMNS).
E4 PROVIDE TEMPORARY MAXIMUM 1 IN 1 BATTERS U.N.O. GEOTECH TO CONFIRM BATTER ACCEPTABILITY DURING CONSTRUCTION.
E5 APPROVED EXCAVATED SITE TOPSOIL IS TO BE TEMPORARILY STOCKPILED WITHIN APPROVED LANDSCAPE ZONES (TO BE CONFIRMED ON SITE) AND RE-USED AS LANDSCAPING TOPSOIL IN ACCORDANCE WITH THE LANDSCAPE ARCHITECTS SPECIFICATIONS. WHERE NECESSARY, AND AS INDICATED BY SOIL TESTING, STOCKPILED TOPSOIL WILL BE AMELIORATED FOR THAT PURPOSE
E6 APPROVED EXCAVATED MATERIAL IS TO BE TEMPORARILY STOCKPILED WITHIN APPROVED LANDSCAPE ZONES (TO BE CONFIRMED ON SITE) AND RE-USED AS BACKFILL IN ACCORDANCE WITH THE ENGINEERS SPECIFICATIONS.
E7 REFER TO ARBORIST REPORT FOR TREE PROTECTION MEASURES IF REQUIRED.
E8 500mm ZONE OFFSET FROM BUILDING HAS BEEN ALLOWED FOR FORM WORK.
E9 SITE SURVEY SUPPLIED BY LTS LOCKLEY PTY LTD PROJECT: 33040, REF: 33880DT, REV 0, DATED 13.06.18
E10 THIS DRAWING DOES NOT DETAIL EXTENT OF WORKS TO ACHIEVE FINISHED GROUND LEVELS IN ACCORDANCE WITH DETAILED LANDSCAPE AND ARCHITECTURAL PLANS.




| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BULK EARTHWORKS | | | 171.611 | 167.723 | 167.795 | 167.800 | 167.800 | 167.768 | 167.800 | 168.050 | 168.050 | 168.050 | 170.461 | 171.346 | 170.913 | | | | | | | | | |
| EXISTING LEVELS | 176.194 | 178.014 | 174.055 | 173.632 | 173.688 | 173.627 | 173.256 | 172.586 | 172.463 | 172.427 | 172.374 | 172.626 | 171.467 | 170.402 | 171.356 | 171.804 | 171.301 | 171.078 | 171.289 | 171.291 | 169.011 | 168.820 | | |
| DEPTH | | | -2.021 | -5.965 | -5.832 | -5.456 | -4.786 | -4.695 | -4.627 | -4.324 | -4.576 | -3.417 | 0.059 | -0.010 | -0.891 | | | | | | | | | |
| CHAINAGE | 0.000 | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 | 60.000 | 70.000 | 80.000 | 90.000 | 100.000 | 110.000 | 120.000 | 130.000 | 140.000 | 141.095 | 150.000 | 160.000 | 170.000 | 180.000 | 190.000 | 195.000 | | |

BESC01 LONG SECTION

LEGEND

CUT FROM EXISTING SURFACE TO BULK EARTHWORK LEVEL

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| P2 | ISSUED FOR DA SUBMISSION | 14.09.21 | DS | - |
| P1 | ISSUED FOR DA SUBMISSION | 07.09.21 | DS | - |

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: BULK EARTHWORKS LONGITUDINAL SECTIONS SHEET 1

DEVELOPMENT APPLICATION

| | | | |
|---|---|---|---|
| Designed | AN | Project Director Approved | Date |
| Drawn | DS | | |
| Scale | 1:500 @A1 | | |
| Date | AUG 2021 | Project Ref | Drawing No / Rev |
| Sheet | A1 | 22 - 0062 | C020 P2 |

North

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## EXCAVATION NOTES

E1 VOLUMES ARE APPROXIMATE ONLY AND DO NOT INCORPORATE BULKING FACTORS AND OVER EXCAVATION. VOLUMES HAVE BEEN CALCULATED BETWEEN EXISTING SURFACE LEVELS AND BULK EARTHWORKS LEVELS.
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E3 THIS DRAWING ONLY DETAILS EXCAVATION ASSOCIATED WITH THE BUILDING SLAB (IGNORING STRUCTURAL FOOTINGS, BEAMS AND COLUMNS).
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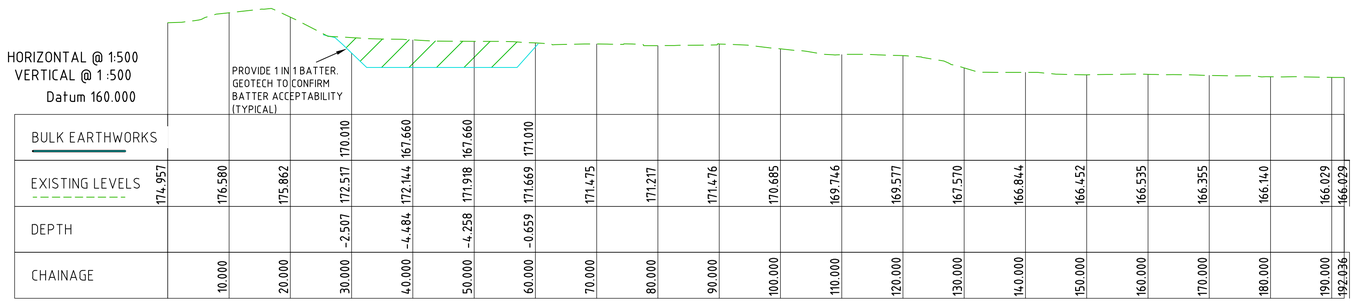
E9 SITE SURVEY SUPPLIED BY LTS LOCKLEY PTY LTD PROJECT: 33040, REF: 33880DT, REV Q, DATED 13.06.18
E10 THIS DRAWING DOES NOT DETAIL EXTENT OF WORKS TO ACHIEVE FINISHED GROUND LEVELS IN ACCORDANCE WITH DETAILED LANDSCAPE AND ARCHITECTURAL PLANS.




| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BULK EARTHWORKS | | | | 170.010 | 167.660 | 167.660 | 171.010 | | | | | | | | | | | | | | | |
| EXISTING LEVELS | 174.957 | 176.580 | 175.862 | 172.517 | 172.144 | 171.918 | 171.669 | 171.475 | 171.217 | 171.476 | 170.685 | 169.746 | 169.577 | 167.570 | 166.844 | 166.452 | 166.535 | 166.355 | 166.140 | 166.029 | 166.029 |
| DEPTH | | | | -2.507 | -4.484 | -4.258 | -0.659 | | | | | | | | | | | | | | | |
| CHAINAGE | | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 | 60.000 | 70.000 | 80.000 | 90.000 | 100.000 | 110.000 | 120.000 | 130.000 | 140.000 | 150.000 | 160.000 | 170.000 | 180.000 | 190.000 | 192.036 |

BESC02 LONG SECTION

LEGEND

CUT FROM EXISTING SURFACE TO BULK EARTHWORK LEVEL

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: BULK EARTHWORKS LONGITUDINAL SECTIONS SHEET 2

DEVELOPMENT APPLICATION

| | |
|---|---|
| Designed | AN |
| Drawn | DS |
| Scale | 1:500 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |

Project Director Approved | Date | North

Project Ref: 22 - 0062 | Drawing No: C021 | Rev: P2

File: Z:\PCI - PROJECT WORK FILES\2022 PROJECTS\0062_ANGL_CARE_CASTLE\03 WIP\01 ACAD\22-0062-C021.dwg Plotted: 16.09.21 at 3:51 PM By: Faraz.Inshamiyedi

## EXCAVATION NOTES

E1 VOLUMES ARE APPROXIMATE ONLY AND DO NOT INCORPORATE BULKING FACTORS AND OVER EXCAVATION. VOLUMES HAVE BEEN CALCULATED BETWEEN EXISTING SURFACE LEVELS AND BULK EARTHWORKS LEVELS.

E2 GROUND WATER SEEPAGE MAY OCCUR IN EXCAVATED AREAS. DE-WATERING MAY BE REQUIRED IN THIS INSTANCE.

E3 THIS DRAWING ONLY DETAILS EXCAVATION ASSOCIATED WITH THE BUILDING SLAB (IGNORING STRUCTURAL FOOTINGS, BEAMS AND COLUMNS).

E4 PROVIDE TEMPORARY MAXIMUM 1 IN 1 BATTERS U.N.O. GEOTECH TO CONFIRM BATTER ACCEPTABILITY DURING CONSTRUCTION.

E5 APPROVED EXCAVATED SITE TOPSOIL IS TO BE TEMPORARILY STOCKPILED WITHIN APPROVED LANDSCAPE ZONES (TO BE CONFIRMED ON SITE) AND RE-USED AS LANDSCAPING TOPSOIL IN ACCORDANCE WITH THE LANDSCAPE ARCHITECTS SPECIFICATIONS. WHERE NECESSARY, AND AS INDICATED BY SOIL TESTING, STOCKPILED TOPSOIL WILL BE AMELIORATED FOR THAT PURPOSE

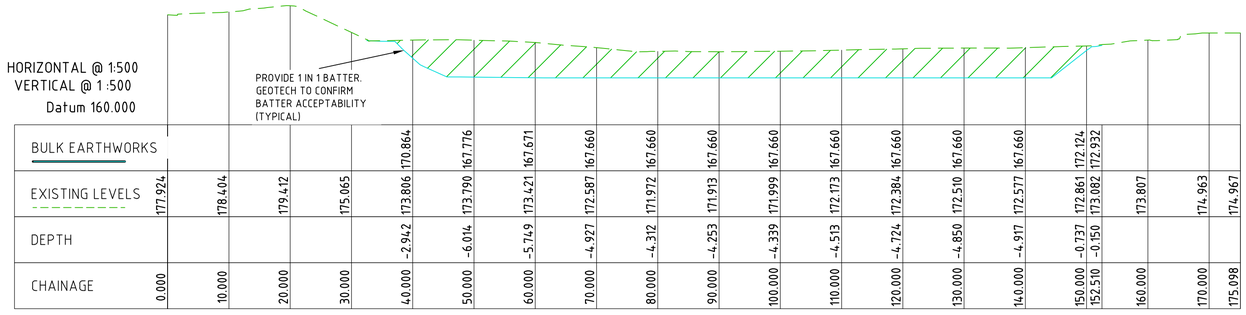
E6 APPROVED EXCAVATED MATERIAL IS TO BE TEMPORARILY STOCKPILED WITHIN APPROVED LANDSCAPE ZONES (TO BE CONFIRMED ON SITE) AND RE-USED AS BACKFILL IN ACCORDANCE WITH THE ENGINEERS SPECIFICATIONS.

E7 REFER TO ARBORIST REPORT FOR TREE PROTECTION MEASURES IF REQUIRED.

E8 500mm ZONE OFFSET FROM BUILDING HAS BEEN ALLOWED FOR FORM WORK.

E9 SITE SURVEY SUPPLIED BY LTS LOCKLEY PTY LTD PROJECT: 33040, REF: 33880DT, REV Q, DATED 13.06.18

E10 THIS DRAWING DOES NOT DETAIL EXTENT OF WORKS TO ACHIEVE FINISHED GROUND LEVELS IN ACCORDANCE WITH DETAILED LANDSCAPE AND ARCHITECTURAL PLANS.




| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BULK EARTHWORKS | | | | | 170.864 | 167.776 | 167.671 | 167.660 | 167.660 | 167.660 | 167.660 | 167.660 | 167.660 | 167.660 | 167.660 | 172.124 | 172.932 | | | |
| EXISTING LEVELS | 177.924 | 178.404 | 179.412 | 175.065 | 173.806 | 173.790 | 173.421 | 172.587 | 171.972 | 171.913 | 171.999 | 172.173 | 172.384 | 172.510 | 172.577 | 172.861 | 173.082 | 173.807 | 174.963 | 174.967 |
| DEPTH | | | | | -2.942 | -6.014 | -5.749 | -4.927 | -4.312 | -4.253 | -4.339 | -4.513 | -4.724 | -4.850 | -4.917 | -0.737 | -0.150 | | | |
| CHAINAGE | 0.000 | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 | 60.000 | 70.000 | 80.000 | 90.000 | 100.000 | 110.000 | 120.000 | 130.000 | 140.000 | 150.000 | 152.510 | 160.000 | 170.000 | 175.098 |

BESC03 LONG SECTION

LEGEND

CUT FROM EXISTING SURFACE TO BULK EARTHWORK LEVEL

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: BULK EARTHWORKS LONGITUDINAL SECTIONS SHEET 3

DEVELOPMENT APPLICATION

Designed AN
Drawn DS
Scale 1:500 @A1
Date DEC 2018
Sheet A1

Project Director Approved: UG 2021
Date
North

Project Ref: 22 - 0062
Drawing No: C022
Rev: P2

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## EXCAVATION NOTES

E1 VOLUMES ARE APPROXIMATE ONLY AND DO NOT INCORPORATE BULKING FACTORS AND OVER EXCAVATION. VOLUMES HAVE BEEN CALCULATED BETWEEN EXISTING SURFACE LEVELS AND BULK EARTHWORKS LEVELS.

E2 GROUND WATER SEEPAGE MAY OCCUR IN EXCAVATED AREAS. DE-WATERING MAY BE REQUIRED IN THIS INSTANCE.

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E4 PROVIDE TEMPORARY MAXIMUM 1 IN 1 BATTERS U.N.O. GEOTECH TO CONFIRM BATTER ACCEPTABILITY DURING CONSTRUCTION.

E5 APPROVED EXCAVATED SITE TOPSOIL IS TO BE TEMPORARILY STOCKPILED WITHIN APPROVED LANDSCAPE ZONES (TO BE CONFIRMED ON SITE) AND RE-USED AS LANDSCAPING TOPSOIL IN ACCORDANCE WITH THE LANDSCAPE ARCHITECTS SPECIFICATIONS. WHERE NECESSARY, AND AS INDICATED BY SOIL TESTING, STOCKPILED TOPSOIL WILL BE AMELIORATED FOR THAT PURPOSE

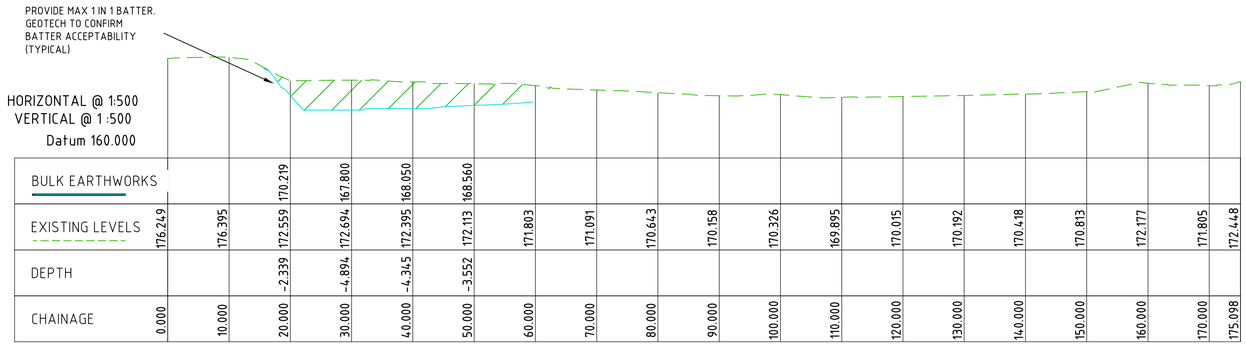
E6 APPROVED EXCAVATED MATERIAL IS TO BE TEMPORARILY STOCKPILED WITHIN APPROVED LANDSCAPE ZONES (TO BE CONFIRMED ON SITE) AND RE-USED AS BACKFILL IN ACCORDANCE WITH THE ENGINEERS SPECIFICATIONS.

E7 REFER TO ARBORIST REPORT FOR TREE PROTECTION MEASURES IF REQUIRED.

E8 500mm ZONE OFFSET FROM BUILDING HAS BEEN ALLOWED FOR FORM WORK.

E9 SITE SURVEY SUPPLIED BY LTS LOCKLEY PTY LTD PROJECT: 33040, REF: 33880DT, REV Q, DATED 13.06.18

E10 THIS DRAWING DOES NOT DETAIL EXTENT OF WORKS TO ACHIEVE FINISHED GROUND LEVELS IN ACCORDANCE WITH DETAILED LANDSCAPE AND ARCHITECTURAL PLANS.




BESC04 LONG SECTION

LEGEND

CUT FROM EXISTING SURFACE TO BULK EARTHWORK LEVEL

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: BULK EARTHWORKS LONGITUDINAL SECTIONS SHEET 4

DEVELOPMENT APPLICATION

Designed AN
Drawn DS
Scale 1:500 @A1
Date AUG 2021
Sheet A1

Project Director Approved | Date | North

Project Ref 22 - 0062 | Drawing No C023 | Rev P2

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PM By: Farnaz.mohammadi

## EXCAVATION NOTES

E1 VOLUMES ARE APPROXIMATE ONLY AND DO NOT INCORPORATE BULKING FACTORS AND OVER EXCAVATION. VOLUMES HAVE BEEN CALCULATED BETWEEN EXISTING SURFACE LEVELS AND BULK EARTHWORKS LEVELS.
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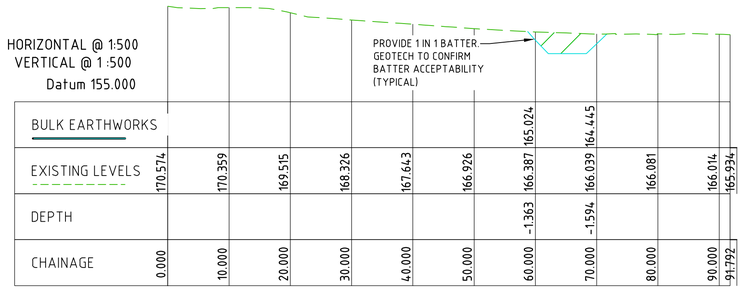
E7 REFER TO ARBORIST REPORT FOR TREE PROTECTION MEASURES IF REQUIRED.
E8 500mm ZONE OFFSET FROM BUILDING HAS BEEN ALLOWED FOR FORM WORK.
E9 SITE SURVEY SUPPLIED BY LTS LOCKLEY PTY LTD PROJECT: 33040, REF: 33880DT, REV Q, DATED 13.06.18
E10 THIS DRAWING DOES NOT DETAIL EXTENT OF WORKS TO ACHIEVE FINISHED GROUND LEVELS IN ACCORDANCE WITH DETAILED LANDSCAPE AND ARCHITECTURAL PLANS.




BESC06 LONG SECTION

## LEGEND

CUT FROM EXISTING SURFACE TO BULK EARTHWORK LEVEL

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: BULK EARTHWORKS LONGITUDINAL SECTIONS SHEET 5

DEVELOPMENT APPLICATION

| | | | |
|---|---|---|---|
| Designed | AN | Project Director Approved | Date |
| Drawn | DS | | North |
| Scale | 1:500 @A1 | | |
| Date | AUG 2021 | | |
| Sheet | A1 | | |

Project Ref: 22 - 0062 Drawing No: C025 Rev: P2

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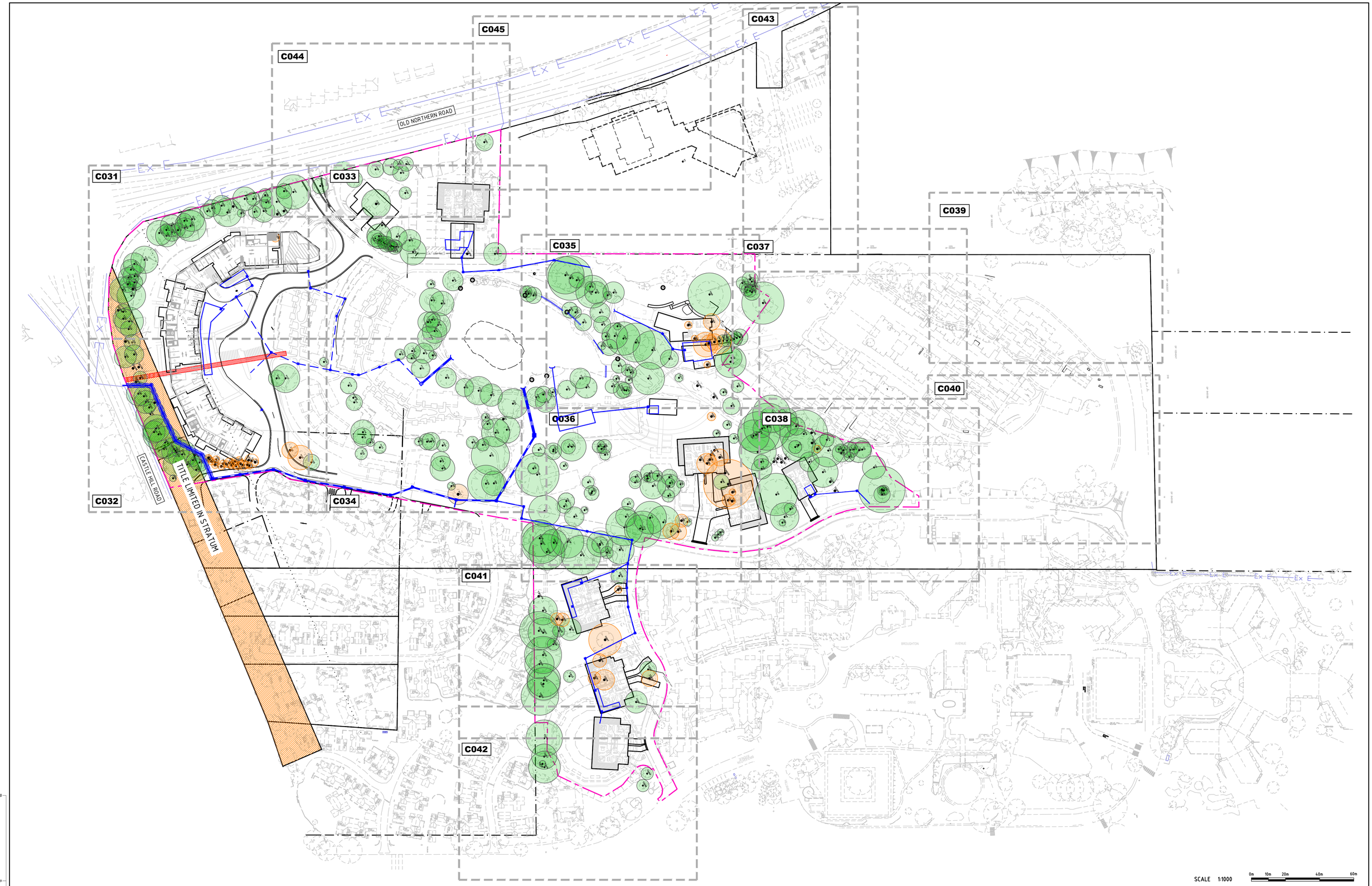


SCALE 1:1000

0m 10m 20m 40m 60m

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| P2 | ISSUED FOR DA SUBMISSION | 14.09.21 | FM | - |
| P1 | ISSUED FOR DA SUBMISSION | 07.09.21 | FM | - |

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: GENERAL ARRANGMENT PLAN

# DEVELOPMENT APPLICATION

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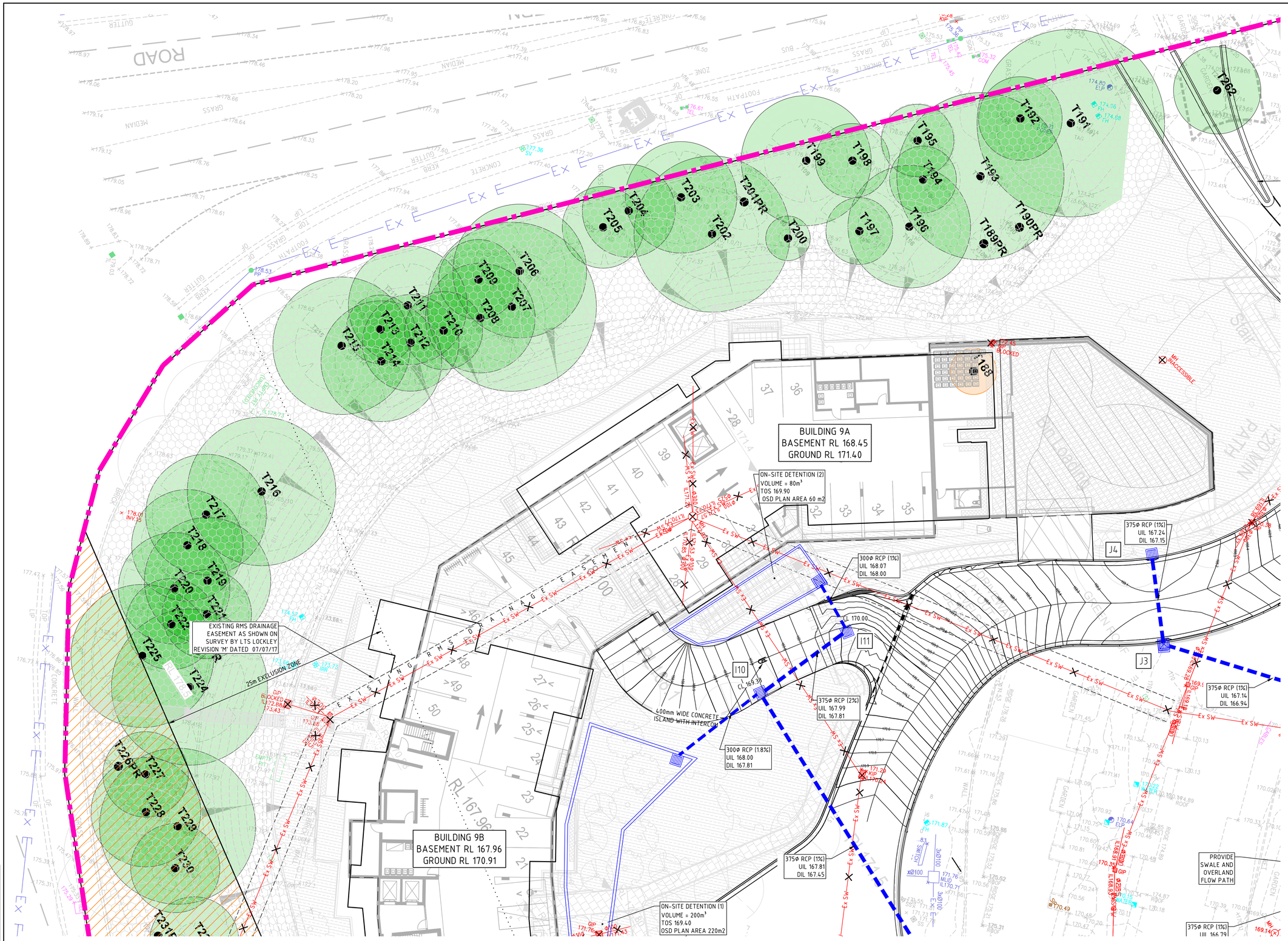
|---|---|
| Designed | AN |
| Drawn | FM |
| Scale | 1:1000 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |

Project Director Approved | Date | North

Project Ref: 22 - 0062 | Drawing No: C030 | Rev: P3

File: Z:\PCI - PROJECT WORK FILES\2022 PROJECTS\0062_ANGL_CARE_CASTLE\03 WIP\01 ACAD\22-0062-C030.dwg Plotted: 16.09.21 at 3:42 PM By: Farnaz.motamedi




FOR CONTINUATION REFER TO SHEET C033

FOR CONTINUATION REFER TO SHEET C032

## SURVEY LEGEND

- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- EXISTING STORMWATER DRAINAGE LINE
- EXISTING SEWER LINE
- EXISTING WATER MAIN
- EXISTING GAS LINE
- EXISTING TELECOMMUNICATIONS LINE
- EXISTING ELECTRICAL LINE EXISTING UNKNOWN SERVICE
- EXISTING STORMWATER LINE & PIT TO BE MADE REDUNDANT

## SITEWORKS LEGEND

- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- F 10.00 FINISHED SURFACE SPOT LEVEL
- XX % FALL DIRECTION AND GRADE OF FALL
- 5.00 FINISHED SURFACE CONTOUR
- SURFACE INLET PIT
- JUNCTION PIT
- KERB INLET PIT
- STORMWATER LINE
- GD GRATED DRAIN
- KO KERB ONLY
- KG KERB AND GUTTER
- VC VEHICULAR CROSSING
- DD DISH DRAIN
- FK FLUSH KERB
- RW RETAINING WALL
- BATTER
- TITLE LIMITED IN STRATUM
- EXISTING RMS DRAINAGE EASEMENT

SCALE 1:200 0m 2m 4m 8m 12m

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 1

# DEVELOPMENT APPLICATION

| | |
|---|---|
| Designed | AN |
| Drawn | FM |
| Scale | 1:200 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |
| Project Director Approved | |
| Date | |
| North | |
| Project Ref | 22 - 0062 |
| Drawing No | C031 |
| Rev | P3 |

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PM By: Farnaz.mohammadi

FOR CONTINUATION REFER TO SHEET C031

FOR CONTINUATION REFER TO SHEET C034

BASEMENT RL 167.96
GROUND RL 170.91

ON-SITE DETENTION (1)
VOLUME = 200m³
TOS 169.40
OSD PLAN AREA 220m2

EXISTING RMS DRAINAGE EASEMENT AS SHOWN ON SURVEY BY LTS LOCKLEY REVISION 'M' DATED 07/07/17

EXISTING RMS DRAINAGE EASEMENT PROVIDED BY HORNSBY SHIRE COUNCIL ON RFI No. 508081648.1 DATED 22 JULY 2019 SHOWN AS DP 654242

525ø RCP (1%)
UIL 171.87 (ASSUMED AND TO BE VERIFIED ON-SITE)
DIL 171.71

DIVERT EXISTING RMS STORMWATER DRAINAGE PIPE FROM PIT A1 AS SHOWN

EXISTING TELSTRA PIT TO BE RELOCATED. EXISTING POWER POLE TO BE ADJUSTED ON SITE

525ø RCP (1%)
UIL 171.69
DIL 171.52

525ø RCP (1%)
UIL 171.50
DIL 171.34

525ø RCP (1%)
UIL 171.32
DIL 171.16

525ø RCP (1%)
UIL 171.14
DIL 170.99

25m EXCLUSION ZONE

375ø RCP (1%)
UIL 167.81
DIL 167.45

375ø RCP (1%)
UIL 167.43
DIL 167.28

375ø RCP (1%)
UIL 166.79
DIL 166.48

375ø RCP (4%)
UIL 167.26
DIL 166.48

PROVIDE SWALE AND OVERLAND FLOW PATH

EXISTING RMS DRAINAGE EASEMENT SHOWN INDICATIVELY ONLY. REFER TO HORNSBY SHIRE COUNCIL RFI No. 508081648.1 DATED 22 JULY 2019

300ø RCP (2%)
UIL 169.51
DIL 168.00

CONNECT EXISTING PIPE INTO PROPOSED GRATED PIT

CONVERT GRATED ENTRY INTO A JUNCTION PIT WITH NEW CONNECTION TO PROPOSED KERB INLET

BUILDING 8
BASEMENT RL 167.96
GROUND RL 170.91

750ø RCP (1%)
UIL 170.97
DIL 170.81

RECONSTRUCT EXISTING PIT

CONNECT EXISTING 225ø PIPE TO PROPOSED PIT

EXISTING TELSTRA PIT TO BE RELOCATED

750ø RCP (1.3%)
UIL 170.79
DIL 170.56

RECONSTRUCT EXISTING PIT AND RELOCATE TO PROTECT TREES

750ø RCP (1.5%)
UIL 170.54
DIL 170.27

RECONSTRUCT EXISTING PIT

750ø RCP (1.4%)
UIL 170.25
DIL 169.94

EXISTING ELEC PIT TO BE RELOCATED BY OTHERS

EXISTING TO BE RE

## SURVEY LEGEND

- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- TPZ — EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- Ex SW — EXISTING STORMWATER DRAINAGE LINE
- Ex S — EXISTING SEWER LINE
- Ex W — EXISTING WATER MAIN
- Ex G — EXISTING GAS LINE
- Ex T — EXISTING TELECOMMUNICATIONS LINE
- Ex E — EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- SW — EXISTING STORMWATER LINE & PIT TO BE MADE REDUNDANT

## SITEWORKS LEGEND

- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- F 10.00 — FINISHED SURFACE SPOT LEVEL
- XX% FALL — DIRECTION AND GRADE OF FALL
- 5.00 — FINISHED SURFACE CONTOUR
- SURFACE INLET PIT
- JUNCTION PIT
- KERB INLET PIT
- STORMWATER LINE
- GD — GRATED DRAIN
- KO — KERB ONLY
- KG — KERB AND GUTTER
- VC — VEHICULAR CROSSING
- DD — DISH DRAIN
- FK — FLUSH KERB
- RW — RETAINING WALL
- BATTER
- TITLE LIMITED IN STRATUM
- EXISTING RMS DRAINAGE EASEMENT
- PROPOSED DIVERSION OF RMS DRAINAGE EASEMENT

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|---|---|
| Project Name | KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL |
| Drawing Title | SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 2 |

DEVELOPMENT APPLICATION

| | | | |
|---|---|---|---|
| Designed | AN | Project Director Approved | Date |
| Drawn | FM | | North |
| Scale | 1:200 @A1 | | |
| Date | AUG 2021 | | |
| Sheet | A1 | | |

Project Ref: 22 - 0062
Drawing No: C032
Rev: P1

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PW: By_a_tamara_zhohammadi

FOR CONTINUATION REFER TO SHEET C044

FOR CONTINUATION REFER TO SHEET C031

FOR CONTINUATION REFER TO SHEET C035

FOR CONTINUATION REFER TO SHEET C034

BUILDING 28
RL 167.76

ON-SITE DETENTION (3)
VOLUME = 100m³
TOS 164.40
OSD PLAN AREA 100 m2

REMOVE EXISTING ROUNDABOUT ISLAND & EXTEND EXISTING MEDIAN

REMOVE EXISTING MEDIAN ISLAND

EXISTING BUS STOP AND TELCO PIT TO BE RELOCATED BY OTHERS

EXISTING RETAINING WALL TO BE SHORTENED WHERE REQUIRED

PROVIDE SWALE AND OVERLAND FLOW PATH

PROPOSED WEIR STRUC
RL165.65 15

375⌀ RCP (1%)
UIL 167.14
DIL 166.94

375⌀ RCP (1%)
UIL 166.92
DIL 166.81

375⌀ RCP (10%)
UIL 163.15
DIL 162.51

375⌀ RCP (1%)
UIL 162.4.9
DIL 162.40

375⌀ RCP (1%)
UIL 162.38
DIL 162.17

375⌀ RCP (1%)
UIL 162.15
DIL 161.83

J1 J2 N1 M1 L3

CL 168.55 CL 166.10 CL 165.70 CL 164.74

## SURVEY LEGEND

- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING TREE TO BE RETAINED (TPZ)
- EXISTING TREE TO BE REMOVED
- Ex SW — EXISTING STORMWATER DRAINAGE LINE
- Ex S — EXISTING SEWER LINE
- Ex W — EXISTING WATER MAIN
- Ex G — EXISTING GAS LINE
- Ex T — EXISTING TELECOMMUNICATIONS LINE
- Ex E — EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- SW — EXISTING STORMWATER LINE & PIT TO BE MADE REDUNDANT

## SITEWORKS LEGEND

- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- ● F 10.00 — FINISHED SURFACE SPOT LEVEL
- XX % FALL — DIRECTION AND GRADE OF FALL
- 5.00 — FINISHED SURFACE CONTOUR
- SURFACE INLET PIT
- JUNCTION PIT
- KERB INLET PIT
- STORMWATER LINE
- GD — GRATED DRAIN
- KO — KERB ONLY
- KG — KERB AND GUTTER
- VC — VEHICULAR CROSSING
- DD — DISH DRAIN
- FK — FLUSH KERB
- RW — RETAINING WALL
- BATTER

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL, KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 3

DEVELOPMENT APPLICATION

| | |
|---|---|
| Designed | AN |
| Drawn | FM |
| Scale | 1:200 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |

Project Director Approved — Date — North

Project Ref: 22 - 0062 — Drawing No: C033 — Rev: P3

File: Z:\PC\ - PROJECT WORK FILES\2022 PROJECTS\0062_ANGL_CARE_CASTLE\03 WIP\01 ACAD\22-0062-C033.dwg Plotted: 16.09.21 at 3:38 PM By: Farraz Zohaimi

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FOR CONTINUATION REFER TO SHEET C033

FOR CONTINUATION REFER TO SHEET C032

FOR CONTINUATION REFER TO SHEET C035

FOR CONTINUATION REFER TO SHEET C036

## SURVEY LEGEND

- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- EXISTING STORMWATER DRAINAGE LINE
- EXISTING SEWER LINE
- EXISTING WATER MAIN
- EXISTING GAS LINE
- EXISTING TELECOMMUNICATIONS LINE
- EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- EXISTING STORMWATER LINE & PIT TO BE MADE REDUNDANT

## SITEWORKS LEGEND

- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- F 10.00 FINISHED SURFACE SPOT LEVEL
- XX.X% FALL DIRECTION AND GRADE OF FALL
- 5.00 FINISHED SURFACE CONTOUR
- SURFACE INLET PIT
- JUNCTION PIT
- KERB INLET PIT
- STORMWATER LINE
- GD GRATED DRAIN
- KO KERB ONLY
- KG KERB AND GUTTER
- VC VEHICULAR CROSSING
- DD DISH DRAIN
- FK FLUSH KERB
- RW RETAINING WALL
- BATTER

SCALE 1:200 (0m 2m 4m 8m 12m)

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Drawing Title: SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 4

# DEVELOPMENT APPLICATION

| | |
|---|---|
| Designed | AN |
| Drawn | FM |
| Scale | 1:200 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |
| Project Director Approved | Date |
| Project Ref | 22 - 0062 |
| Drawing No | C034 |
| Rev | P1 |

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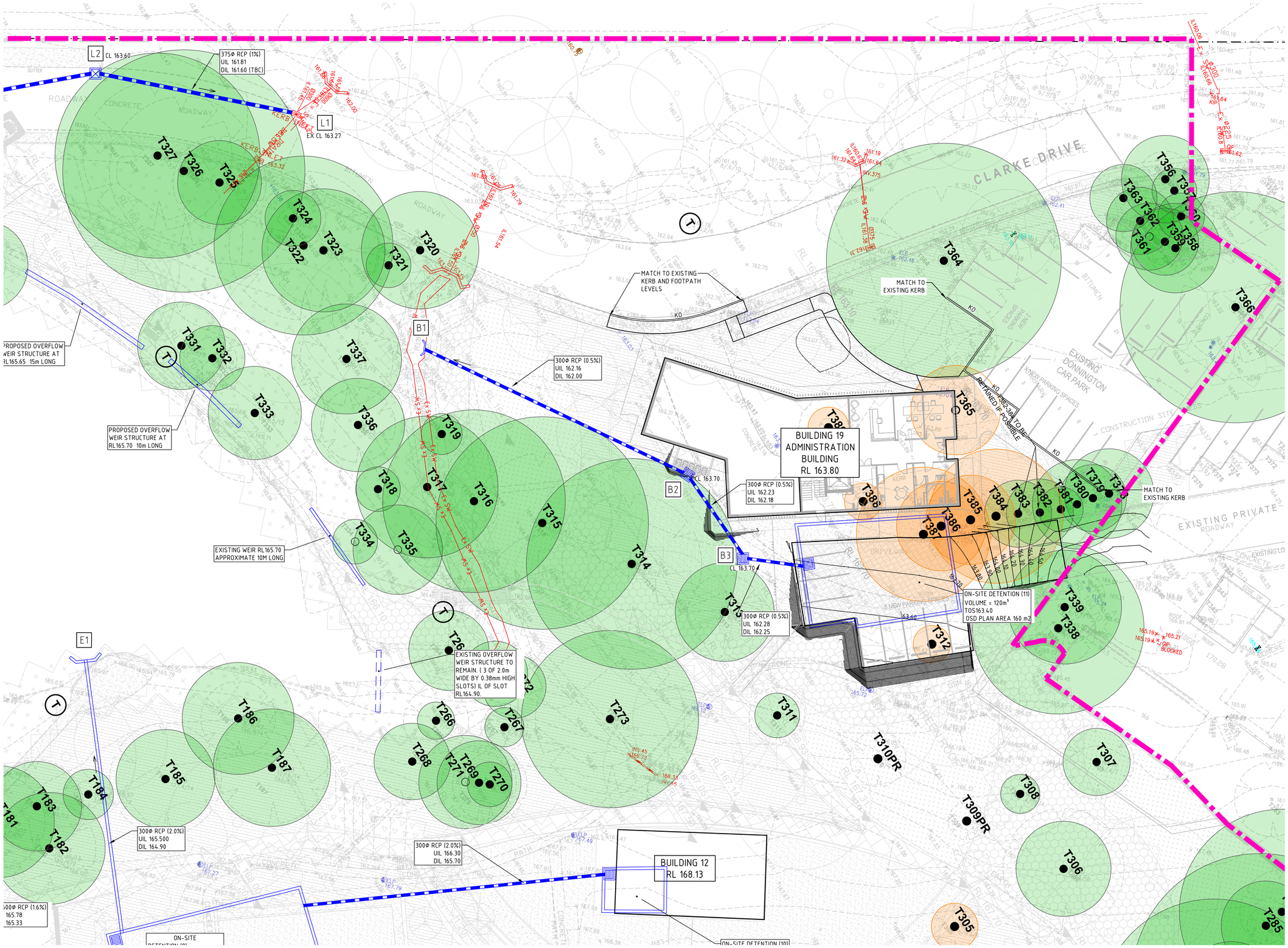


## SURVEY LEGEND

- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- EXISTING STORMWATER DRAINAGE LINE
- EXISTING SEWER LINE
- EXISTING WATER MAIN
- EXISTING GAS LINE
- EXISTING TELECOMMUNICATIONS LINE
- EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- EXISTING STORMWATER LINE & PIT TO BE MADE REDUNDANT

## SITEWORKS LEGEND

- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- F 10.00 FINISHED SURFACE SPOT LEVEL
- XX% FALL DIRECTION AND GRADE OF FALL
- 5.00 FINISHED SURFACE CONTOUR
- SURFACE INLET PIT
- JUNCTION PIT
- KERB INLET PIT
- STORMWATER LINE
- GD GRATED DRAIN
- KO KERB ONLY
- KG KERB AND GUTTER
- VC VEHICULAR CROSSING
- DD DISH DRAIN
- FK FLUSH KERB
- RW RETAINING WALL
- BATTER

SCALE 1:200 0m 2m 4m 8m 12m


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Drawing Title: SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 5

# DEVELOPMENT APPLICATION

| | |
|---|---|
| Designed | AN |
| Drawn | FM |
| Scale | 1:200 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |
| Project Director Approved | |
| Date | |
| North | |
| Project Ref | 22 - 0062 |
| Drawing No | C035 |
| Rev | P3 |

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PM By: Farnaz.mohammadi

FOR CONTINUATION REFER TO SHEET C035

FOR CONTINUATION REFER TO SHEET C034

FOR CONTINUATION REFER TO SHEET C038

FOR CONTINUATION REFER TO SHEET C041

DIL 164.90

300Ø RCP (2.0%)
UIL 166.30
DIL 165.70

BUILDING 12
RL 168.13

ON-SITE DETENTION (10)
VOLUME = 16m³
TOS 167.30
OSD PLAN AREA 27 m2

2/600Ø RCP (1.6%)
UIL 165.78
DIL 165.33

ON-SITE
DETENTION (8)
VOLUME = 270m³
TOS 167.55
OSD PLAN AREA160 m2

A2
CL 167.30

900Ø RCP (4.5%)
UIL 167.73
DIL 165.80

CL 169.4

VILLA 23B
RL 171.80

VILLA 23A
RL 171.80

VILLA 22B
RL 173.50

VILLA 22
RL 173.5

1.8 % FALL

F1
CL 169.83

375Ø RCP (1.%)
UIL 168.83
DIL 168.75

F2
CL 169.83

375Ø RCP (7%)
UIL 171.58
DIL 168.85

F3
CL 172.575

375Ø RCP (3.0%)
UIL 172.37
DIL 171.60

F4
CL 173.78

375Ø RCP (1.0%)
UIL 172.53
DIL 172.39

F5
CL 175.08

300Ø RCP (1.0%)
UIL 172.64
DIL 172.55

300Ø RCP (1.0%)
UIL 172.85

EX 169.31

EX 174.75

## SURVEY LEGEND

- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- EXISTING STORMWATER DRAINAGE LINE
- EXISTING SEWER LINE
- EXISTING WATER MAIN
- EXISTING GAS LINE
- EXISTING TELECOMMUNICATIONS LINE
- EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- EXISTING STORMWATER LINE & PIT TO BE MADE REDUNDANT

## SITEWORKS LEGEND

- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- F 10.00 FINISHED SURFACE SPOT LEVEL
- XX % FALL DIRECTION AND GRADE OF FALL
- 5.00 FINISHED SURFACE CONTOUR
- SURFACE INLET PIT
- JUNCTION PIT
- KERB INLET PIT
- STORMWATER LINE
- GD GRATED DRAIN
- KO KERB ONLY
- KG KERB AND GUTTER
- VC VEHICULAR CROSSING
- DD DISH DRAIN
- FK FLUSH KERB
- RW RETAINING WALL
- BATTER

SCALE 1:200

0m 2m 4m 8m 12m

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Rev Description Date By App

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 6

# DEVELOPMENT APPLICATION

| | | | |
|---|---|---|---|
| Designed | AN | Project Director Approved | Date |
| Drawn | FM | | |
| Scale | 1:200 @A1 | | |
| Date | AUG 2021 | | |
| Sheet | A1 | | |

North

Project Ref: 22 - 0062
Drawing No: C036
Rev: P3

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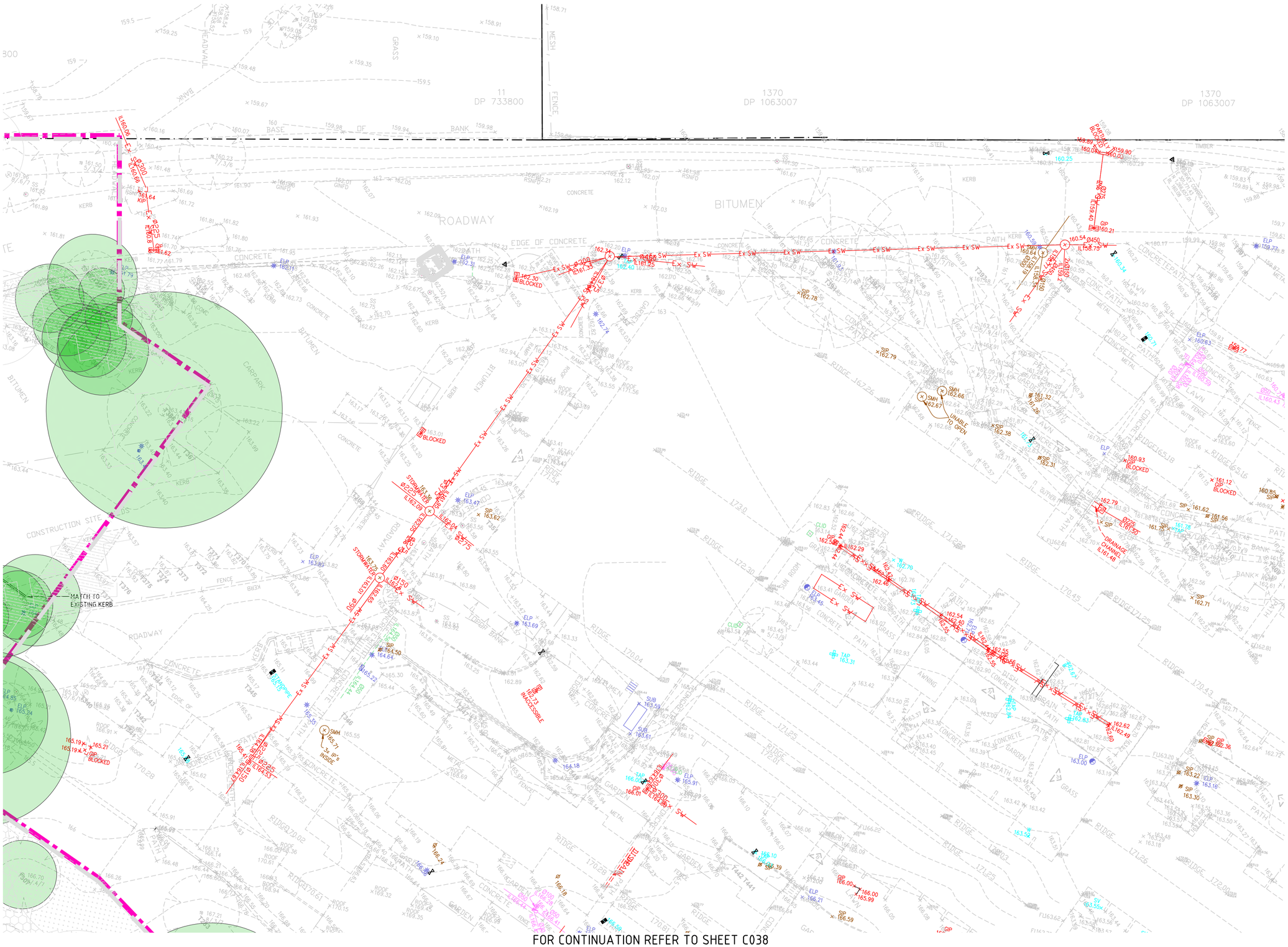
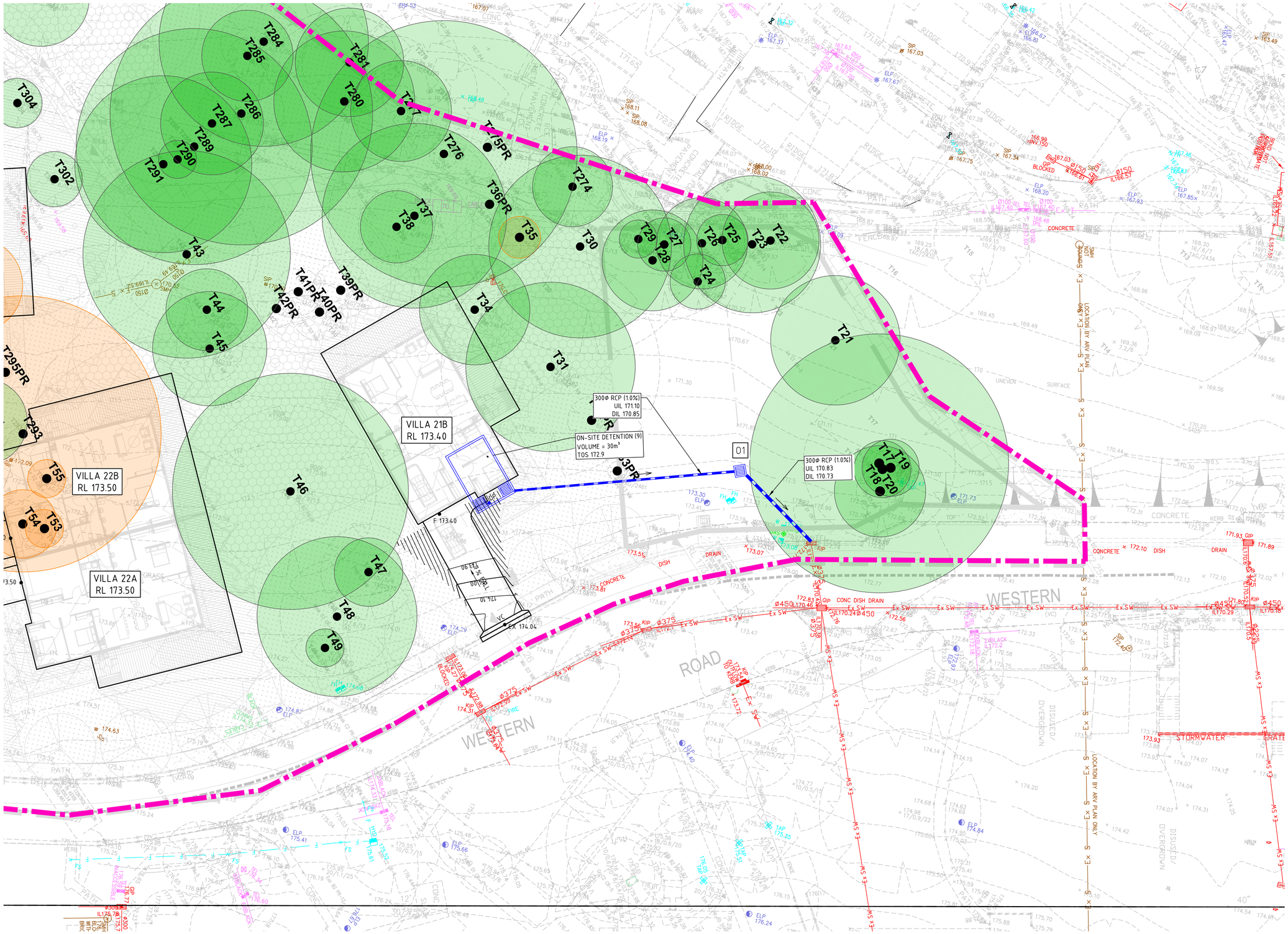
FOR CONTINUATION REFER TO SHEET C043

FOR CONTINUATION REFER TO SHEET C035

FOR CONTINUATION REFER TO SHEET C039

FOR CONTINUATION REFER TO SHEET C038






FOR CONTINUATION REFER TO SHEET C036

## SURVEY LEGEND

- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- EXISTING STORMWATER DRAINAGE LINE
- EXISTING SEWER LINE
- EXISTING WATER MAIN
- EXISTING GAS LINE
- EXISTING TELECOMMUNICATIONS LINE
- EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- EXISTING STORMWATER LINE & PIT TO BE MADE REDUNDANT

## SITEWORKS LEGEND

- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- F 10.00 — FINISHED SURFACE SPOT LEVEL
- XX % FALL — DIRECTION AND GRADE OF FALL
- 5.00 — FINISHED SURFACE CONTOUR
- SURFACE INLET PIT
- JUNCTION PIT
- KERB INLET PIT
- STORMWATER LINE
- GD — GRATED DRAIN
- KO — KERB ONLY
- KG — KERB AND GUTTER
- VC — VEHICULAR CROSSING
- DD — DISH DRAIN
- FK — FLUSH KERB
- RW — RETAINING WALL
- BATTER

SCALE 1:200 (0m 2m 4m 8m 12m)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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 8

# DEVELOPMENT APPLICATION

| | |
|---|---|
| Designed | AN |
| Drawn | FM |
| Scale | 1:200 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |

Project Director Approved | Date | North

Project Ref: 22 - 0062 | Drawing No: C038 | Rev: P1

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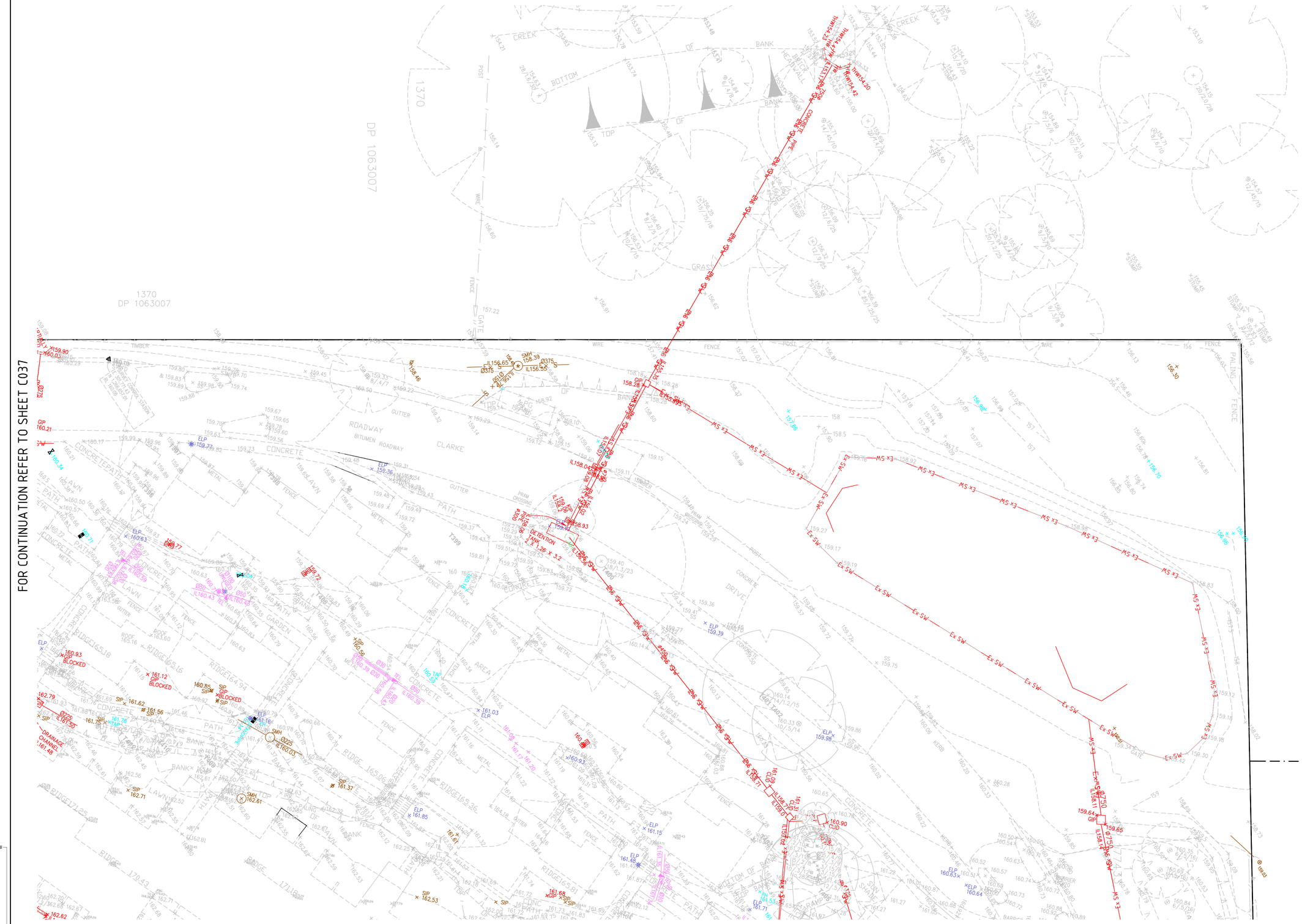
PM By: Farnaz.mohammadi




## SURVEY LEGEND

- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- EXISTING STORMWATER DRAINAGE LINE
- EXISTING SEWER LINE
- EXISTING WATER MAIN
- EXISTING GAS LINE
- EXISTING TELECOMMUNICATIONS LINE
- EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- EXISTING STORMWATER LINE & PIT TO BE MADE REDUNDANT

## SITEWORKS LEGEND

- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- FINISHED SURFACE SPOT LEVEL
- DIRECTION AND GRADE OF FALL
- FINISHED SURFACE CONTOUR
- SURFACE INLET PIT
- JUNCTION PIT
- KERB INLET PIT
- STORMWATER LINE
- GRATED DRAIN
- KERB ONLY
- KERB AND GUTTER
- VEHICULAR CROSSING
- DISH DRAIN
- FLUSH KERB
- RETAINING WALL
- BATTER

SCALE 1:200 0m 2m 4m 8m 12m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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 9

# DEVELOPMENT APPLICATION

| | | | |
|---|---|---|---|
| Designed | AN | Project Director Approved | Date / North |
| Drawn | FM | | |
| Scale | 1:200 @A1 | Project Ref | Drawing No / Rev |
| Date | AUG 2021 | 20 21920 01 | C039 / P1 |
| Sheet | A1 | | |

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PM By: Farnaz.mohammadi

FOR CONTINUATION REFER TO SHEET C037

FOR CONTINUATION REFER TO SHEET C040

SCALE 1:200

0m 2m 4m 8m 12m

## SURVEY LEGEND

- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- Ex SW — EXISTING STORMWATER DRAINAGE LINE
- Ex S — EXISTING SEWER LINE
- Ex W — EXISTING WATER MAIN
- Ex G — EXISTING GAS LINE
- Ex T — EXISTING TELECOMMUNICATIONS LINE
- Ex E — EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- SW — EXISTING STORMWATER LINE & PIT TO BE MADE REDUNDANT

## SITEWORKS LEGEND

- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- FINISHED SURFACE SPOT LEVEL
- DIRECTION AND GRADE OF FALL
- FINISHED SURFACE CONTOUR
- SURFACE INLET PIT
- JUNCTION PIT
- KERB INLET PIT
- STORMWATER LINE
- GD — GRATED DRAIN
- KO — KERB ONLY
- KG — KERB AND GUTTER
- VC — VEHICULAR CROSSING
- DD — DISH DRAIN
- FK — FLUSH KERB
- RW — RETAINING WALL
- BATTER

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 10

DEVELOPMENT APPLICATION

| | | | |
|---|---|---|---|
| Designed | AN | Project Director Approved | Date |
| Drawn | FM | | |
| Scale | 1:200 @A1 | | |
| Date | AUG 2021 | | |
| Sheet | A1 | | |

Project Ref: 22 - 0062 | Drawing No: C040 | Rev: P1

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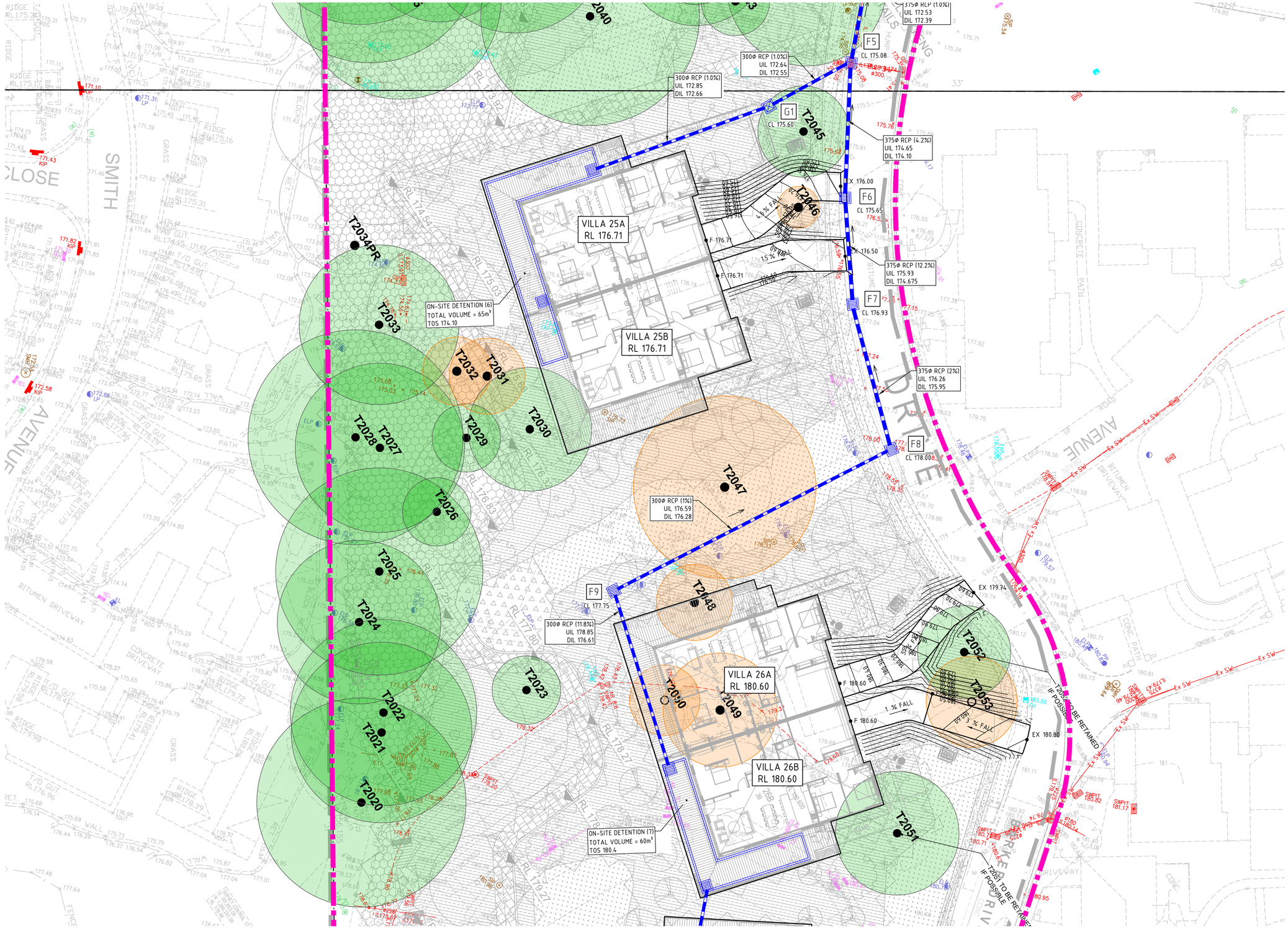


FOR CONTINUATION REFER TO SHEET C042

SCALE 1:200

0m 2m 4m 8m 12m

## SURVEY LEGEND

- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING TREE TO BE RETAINED (TPZ)
- EXISTING TREE TO BE REMOVED
- EXISTING STORMWATER DRAINAGE LINE (Ex SW)
- EXISTING SEWER LINE (Ex S)
- EXISTING WATER MAIN (Ex W)
- EXISTING GAS LINE (Ex G)
- EXISTING TELECOMMUNICATIONS LINE (Ex T)
- EXISTING ELECTRICAL LINE (Ex E)
- EXISTING UNKNOWN SERVICE
- EXISTING STORMWATER LINE & PIT TO BE MADE REDUNDANT (SW)

## SITEWORKS LEGEND

- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- F 10.00 FINISHED SURFACE SPOT LEVEL
- XX% FALL DIRECTION AND GRADE OF FALL
- 5.00 FINISHED SURFACE CONTOUR
- SURFACE INLET PIT
- JUNCTION PIT
- KERB INLET PIT
- STORMWATER LINE
- GD GRATED DRAIN
- KO KERB ONLY
- KG KERB AND GUTTER
- VC VEHICULAR CROSSING
- DD DISH DRAIN
- FK FLUSH KERB
- RW RETAINING WALL
- BATTER

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 11

DEVELOPMENT APPLICATION

| | |
|---|---|
| Designed | AN |
| Drawn | FM |
| Scale | 1:200 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |

Project Director Approved | Date | North

Project Ref 22 - 0062 | Drawing No C041 | Rev P2

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FOR CONTINUATION REFER TO SHEET C041

VILLA 26B
RL 180.60

VILLA 27A
RL 181.20

VILLA 27B
RL 181.20

ON-SITE DETENTION (7)
TOTAL VOLUME = 60m³
TOS 180.4

T2051 TO BE RETAINED IF POSSIBLE

T2020 T2019 T2017 T2018 T2016 T2051 T2054 T2055

DRIVEWAY LAYOUT & LEVELS TO ENG DETAILS

## SURVEY LEGEND

- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- EXISTING STORMWATER DRAINAGE LINE
- EXISTING SEWER LINE
- EXISTING WATER MAIN
- EXISTING GAS LINE
- EXISTING TELECOMMUNICATIONS LINE
- EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- EXISTING STORMWATER LINE & PIT TO BE MADE REDUNDANT

## SITEWORKS LEGEND

- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- F 10.00 FINISHED SURFACE SPOT LEVEL
- XX % FALL DIRECTION AND GRADE OF FALL
- 5.00 FINISHED SURFACE CONTOUR
- SURFACE INLET PIT
- JUNCTION PIT
- KERB INLET PIT
- STORMWATER LINE
- GD GRATED DRAIN
- KO KERB ONLY
- KG KERB AND GUTTER
- VC VEHICULAR CROSSING
- DD DISH DRAIN
- FK FLUSH KERB
- RW RETAINING WALL
- BATTER

SCALE 1:200 0m 2m 4m 8m 12m

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

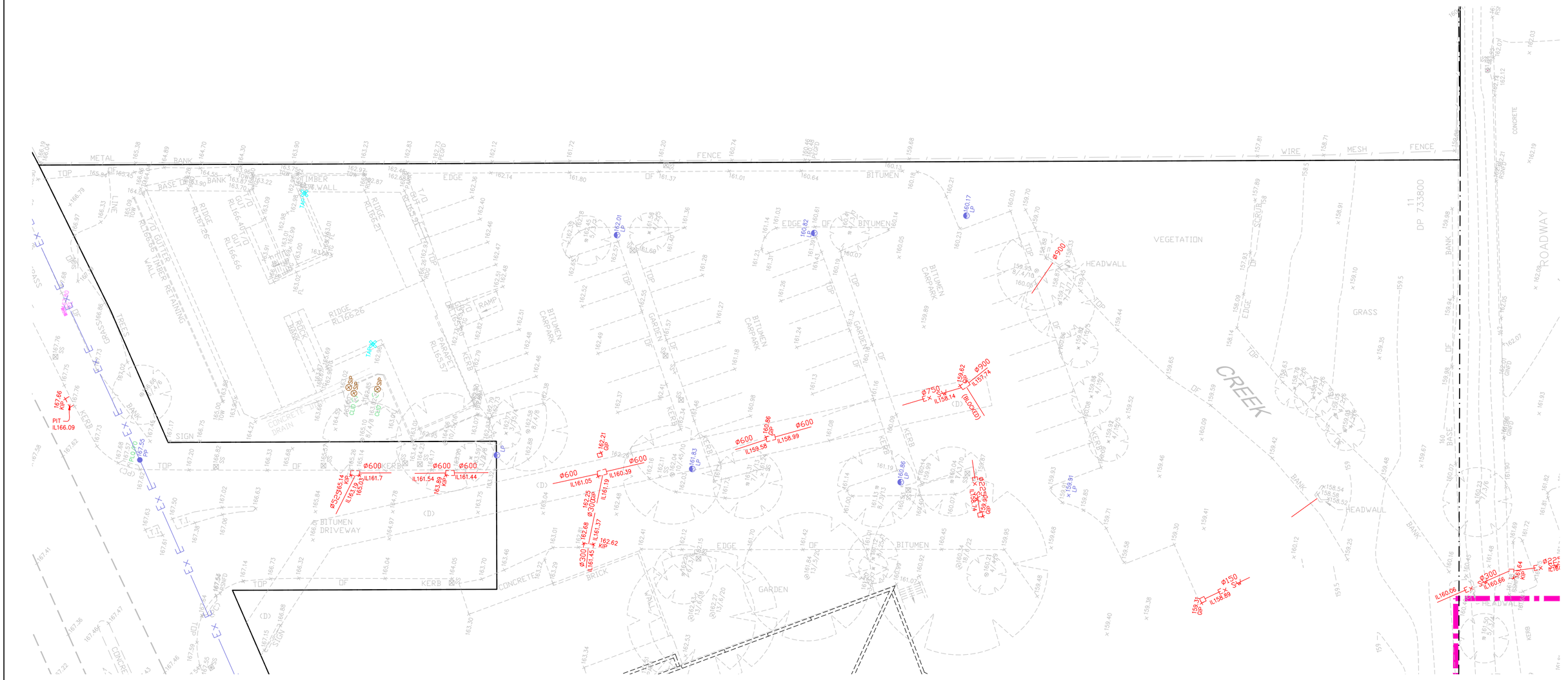
Drawing Title: SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 12

# DEVELOPMENT APPLICATION

| | | | |
|---|---|---|---|
| Designed | AN | Project Director Approved | Date |
| Drawn | FM | | |
| Scale | 1:200 @A1 | | |
| Date | AUG 2021 | | |
| Sheet | A1 | | |

Project Ref: 22 - 0062
Drawing No: C042
Rev: P2

File: Z:\PD\ - PROJECT WORK FILES\2022 PROJECTS\0062_ANGL_CARE_CASTLE\03 WIP\01 ACAD\22-0062-C042.dwg Plotted: 16.09.21 at 3:46
Plot By: Tamsa Mohamedali




## SURVEY LEGEND

- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EX STORMWATER DRAINAGE LINE
- EX SEWER LINE
- EX WATER MAIN
- EX GAS LINE
- EX TELECOMMUNICATIONS LINE
- EX ELECTRICAL LINE
- EX TREE
- EX RL 7.25 — EXISTING FINISHED SURFACE LEVEL
- RL 7.25 — FINISHED SURFACE LEVEL
- 5.00 — FINISHED SURFACE CONTOUR
- SURFACE INLET PIT
- JUNCTION PIT
- KERB INLET PIT
- STORMWATER LINE

## SITEWORKS LEGEND

- DP — DOWNPIPE AND CONNECTION LINE (REFER TO HYDRAULIC DRAWINGS FOR DETAILS)
- FOR SD — FLUSHOUT RISER (max 30m CTRS) WITH SUBSOIL DRAINAGE (100ø uPVC SLOTTED PIPE UN-SOCKED)
- OD — SWALE DRAIN
- GD — GRATED DRAIN
- SW — EX STORMWATER LINE & PIT TO BE REMOVED
- OVERLAND FLOW
- KO — KERB ONLY
- KG — KERB AND GUTTER
- VC — VEHICULAR CROSSING
- DD — DISH DRAIN
- FK — FLUSH KERB
- RW — RETAINING WALL
- BATTER
- STAGE 1 BOUNDARY (INDICATIVE)

FOR DRAINAGE SCHEDULE
REFER TO DRAWING C044

SCALE 1:200 — 0m 2m 4m 8m 12m

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL KILVINTON VILLAGE
417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 13

# DEVELOPMENT APPLICATION

| | |
|---|---|
| Designed | AN |
| Drawn | FM |
| Scale | 1:200 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |
| Project Director Approved | Date |
| Project Ref | 21 - 0062 |
| Drawing No | C043 |
| Rev | P2 |

North

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FOR CONTINUATION REFER TO SHEET C031

FOR CONTINUATION REFER TO SHEET C045

FOR CONTINUATION REFER TO SHEET C033

REMOVE EXISTING ROUNDABOUT ISLAND & EXTEND EXISTING MEDIAN

REMOVE EXISTING MEDIAN ISLAND

T157 TO BE RETAINED IF POSSIBLE

BUILDING 28
RL 167.76

ON-SITE DETENTION (3)
VOLUME = 100m³
TOS 164.40
OSD PLAN AREA 100 m2

## SURVEY LEGEND

- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- EXISTING STORMWATER DRAINAGE LINE
- EXISTING SEWER LINE
- EXISTING WATER MAIN
- EXISTING GAS LINE
- EXISTING TELECOMMUNICATIONS LINE
- EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- EXISTING STORMWATER LINE & PIT TO BE MADE REDUNDANT

## SITEWORKS LEGEND

- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- F 10.00 — FINISHED SURFACE SPOT LEVEL
- XX % FALL — DIRECTION AND GRADE OF FALL
- 5.00 — FINISHED SURFACE CONTOUR
- SURFACE INLET PIT
- JUNCTION PIT
- KERB INLET PIT
- STORMWATER LINE
- GD — GRATED DRAIN
- KO — KERB ONLY
- KG — KERB AND GUTTER
- VC — VEHICULAR CROSSING
- DD — DISH DRAIN
- FK — FLUSH KERB
- RW — RETAINING WALL
- BATTER
- AREA SHOWN HATCHED IS DEDICATED AS CLASSIFIED ROAD BY PRIVATE SUBDIVISION (DP 1047222) SHOWN INDICTIVELY ONLY. REFER TO HORNSBY SHIRE COUNCIL RFI NO. 50808164.8.1 DATED 22ND JULY 2019

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 14

DEVELOPMENT APPLICATION

| | |
|---|---|
| Designed | AN |
| Drawn | FM |
| Scale | 1:200 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |

Project Director Approved — Date — North

Project Ref: 22 - 0062 — Drawing No: C044 — Rev: P2

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PM By: Tamaz.Mohammadi

FOR CONTINUATION REFER TO SHEET C044

FOR CONTINUATION REFER TO SHEET C033

## SITEWORKS LEGEND

- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- F 10.00 — FINISHED SURFACE SPOT LEVEL
- XX% FALL — DIRECTION AND GRADE OF FALL
- 5.00 — FINISHED SURFACE CONTOUR
- SURFACE INLET PIT
- JUNCTION PIT
- KERB INLET PIT
- STORMWATER LINE
- GD — GRATED DRAIN
- KO — KERB ONLY
- KG — KERB AND GUTTER
- VC — VEHICULAR CROSSING
- DD — DISH DRAIN
- FK — FLUSH KERB
- RW — RETAINING WALL
- BATTER
- AREA SHOWN HATCHED IS DEDICATED AS CLASSIFIED ROAD BY PRIVATE SUBDIVISION (DP 1047222) SHOWN INDICTIVELY ONLY. REFER TO HORNSBY SHIRE COUNCIL RFI NO. 508081648.1 DATED 22ND JULY 2019

## SURVEY LEGEND

- SITE BOUNDARY
- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- EX SURFACE LEVEL
- EX SURFACE CONTOUR
- TPZ — EXISTING TREE TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- Ex SW — EXISTING STORMWATER DRAINAGE LINE
- Ex S — EXISTING SEWER LINE
- Ex W — EXISTING WATER MAIN
- Ex G — EXISTING GAS LINE
- Ex T — EXISTING TELECOMMUNICATIONS LINE
- Ex E — EXISTING ELECTRICAL LINE
- EXISTING UNKNOWN SERVICE
- EXISTING STORMWATER LINE & PIT TO BE MADE REDUNDANT

SCALE 1:200 (0m 2m 4m 8m 12m)

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 15

# DEVELOPMENT APPLICATION

| | |
|---|---|
| Designed | AN |
| Drawn | FM |
| Scale | 1:200 @A1 |
| Date | AUG 2021 |
| Sheet | A1 |

Project Director Approved — Date — North

Project Ref: 22 - 0062 — Drawing No: C045 — Rev: P2

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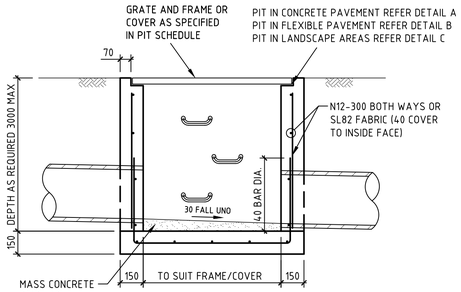
Plot By: Tamaz Mohammadi

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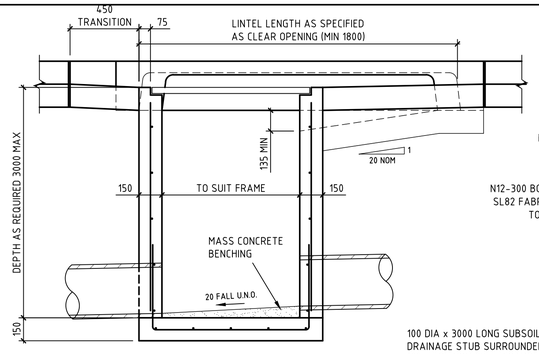


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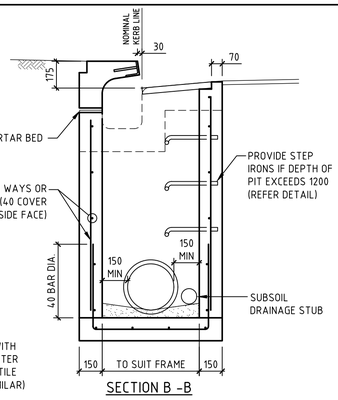
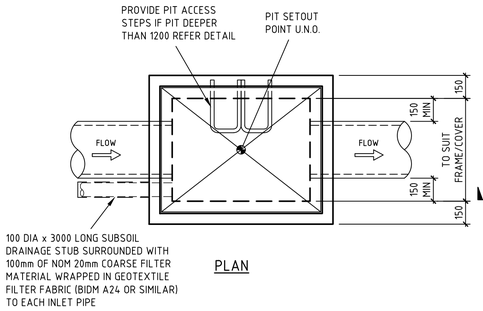
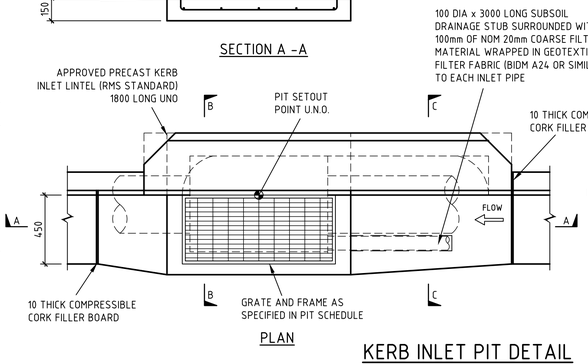


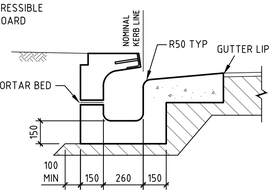

SECTION B -B




PLAN




PLAN




SECTION C -C

## SURFACE INLET/JUNCTION PIT DETAIL

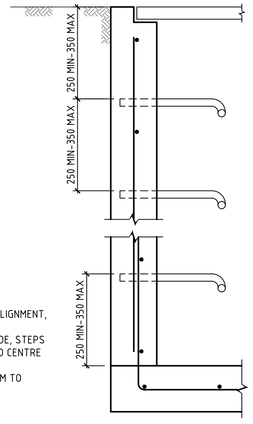
SCALE 1:20

### STORMWATER PIT NOTES

1. CONCRETE TO HAVE A MIN. COMPRESSIVE STRENGTH (F'c) OF 25 MPa AT 28 DAYS.
2. REINFORCEMENT NOT REQUIRED IF DEPTH OF PIT IS LESS THAN 1000mm. PITS GREATER THAN 3000mm DEEP TO HAVE WALL AND BASE 200mm THICK REINFORCED WITH N12-250 EACH WAY EACH FACE WITH CONCRETE STRENGTH F'c = 40 MPa.
3. PROVIDE STEP IRONS AT MAX 350mm CTRS IF DEPTH OF PIT EXCEEDS 1200mm.
4. IF REINFORCING FABRIC IS TO BE USED REFER TO WALL AND CORNER DETAILS
5. PRECAST PITS ARE TO GENERALLY COMPLY WITH THESE DETAILS.
6. PRECAST PIT MAY BE USED SUBJECT TO ENGINEERS APPROVAL.
7. ALL PITS TO BE LOCKABLE.
8. FINAL INTERNAL PIT DIMENSIONS ARE TO COMPLY WITH AS 3500.

## KERB INLET PIT DETAIL

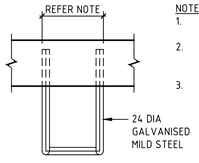
SCALE 1:20




FRONT ELEVATION

SIDE ELEVATION

SECTION

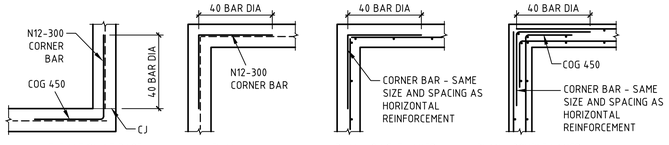



PLAN

NOTES
1. WHEN POSITIONED IN STRAIGHT ALIGNMENT, STEP TO BE 400 WIDE.
2. STAGGERED STEPS TO BE 200 WIDE, STEPS TO BE STAGGERED 200 CENTRE TO CENTRE FOR ALTERNATIVE STEPS.
3. SPACING OF STEPS TO BE UNIFORM TO WITHIN ±8mm IN EACH PIT.

## PIT ACCESS STEP DETAIL

SCALE 1:10



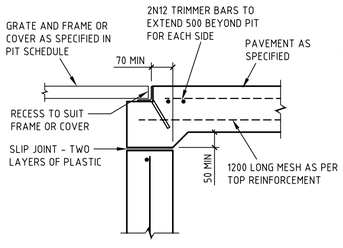

ELEVATION AT BASE | PLAN | PLAN - SINGLE LAYER | PLAN - DOUBLE LAYER

FABRIC REINFORCEMENT

## PIT CORNER DETAILS

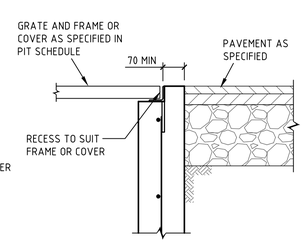
SCALE 1:20

NOTE: DESIGNER TO VERIFY EXTENT OF DETAILING



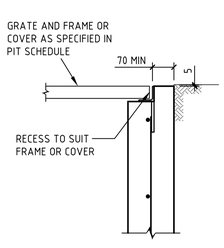

## DETAIL A

SCALE 1:10



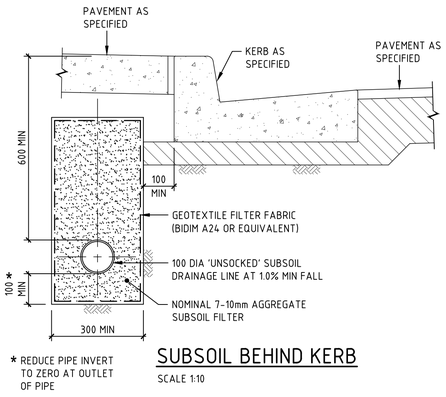

## DETAIL B

SCALE 1:10




## DETAIL C

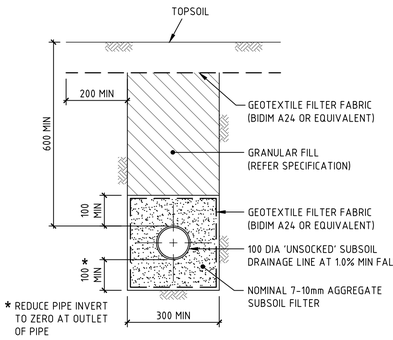
SCALE 1:10




* REDUCE PIPE INVERT TO ZERO AT OUTLET OF PIPE

## SUBSOIL BEHIND KERB

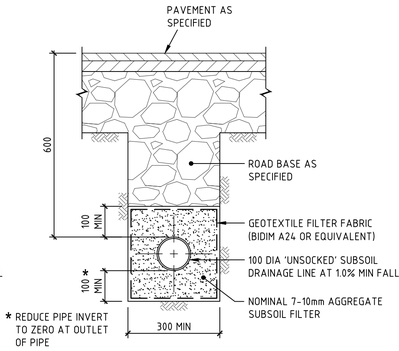
SCALE 1:10




* REDUCE PIPE INVERT TO ZERO AT OUTLET OF PIPE

## SUBSOIL IN LANDSCAPED AREAS

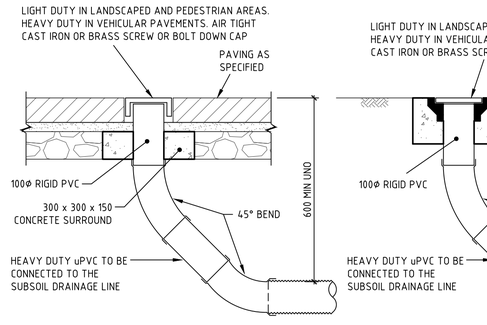
SCALE 1:10




* REDUCE PIPE INVERT TO ZERO AT OUTLET OF PIPE

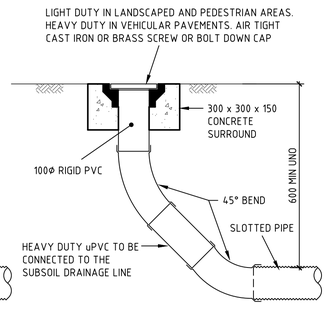
## SUBSOIL IN PAVED AREAS

SCALE 1:10




## FLUSHOUT RISER (FOR) IN PAVING BRICKS

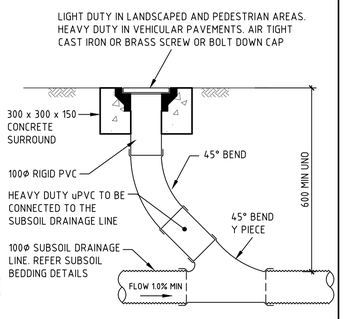
SCALE 1:10




## FLUSHOUT RISER (FOR)

SCALE 1:10

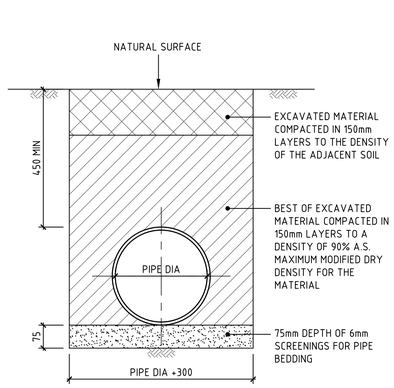
NOTE: SLOTTED RIGID PVC PIPE AND FITTINGS WITHIN DRAINAGE LAYER ONLY




## INTERMEDIATE RISER

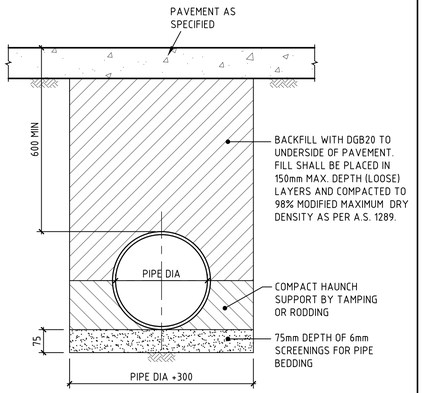
SCALE 1:10

NOTE: SLOTTED RIGID PVC PIPE AND FITTINGS MAY BE USED




## PIPE LAYING DETAIL (ALL PIPES) UNDER LANDSCAPED AREAS

SCALE 1:10




## PIPE LAYING DETAILS UNDER ALL PAVEMENTS

SCALE 1:10

NOTE: AVOID RUNNING CONSTRUCTION EQUIPMENT OVER THE PIPES UNTIL BACKFILL MATERIAL IS 300mm MIN. ABOVE CROWN OF PIPE.

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: SITEWORKS AND STORMWATER DRAINAGE DETAILS SHEET 1

DEVELOPMENT APPLICATION

| | | | |
|---|---|---|---|
| Designed | AN | Project Director Approved | Date |
| Drawn | FM | | |
| Scale | NOTED | | |
| Date | AUG 2021 | | |
| Sheet | A1 | | |

North

Project Ref: 22 - 0062 Drawing No: C050 Rev: P2

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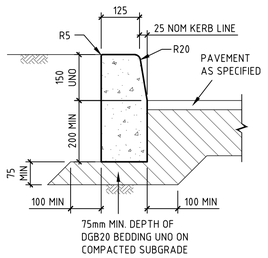
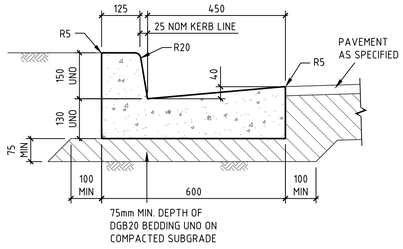



## KERB ONLY (KO)

SCALE 1:10




## KERB AND GUTTER (K&G)

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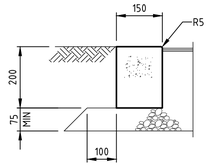
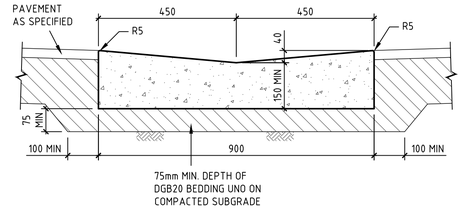


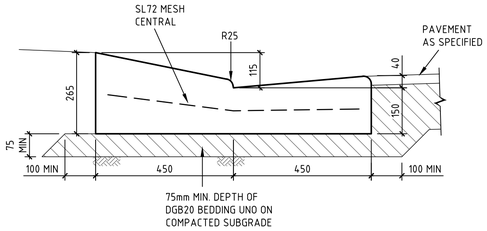

## FLUSH KERB (FK)

SCALE 1:10



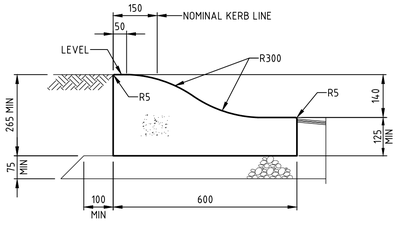

## DISH DRAIN (DD1)

SCALE 1:10



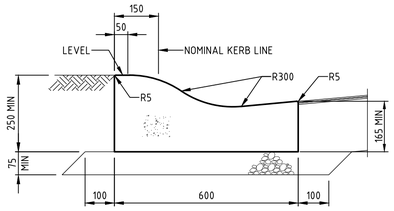

## VEHICULAR CROSSING (VC)

SCALE 1:10



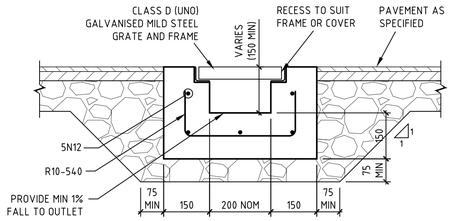

## ROLLED KERB AND TOE (RKT)

SCALE 1:10




## ROLLED KERB AND GUTTER (RKG)

SCALE 1:10




## GRATED DRAIN (GD1)

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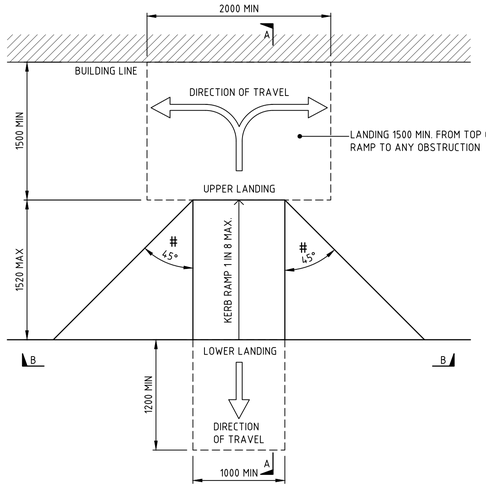
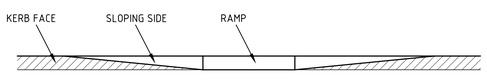
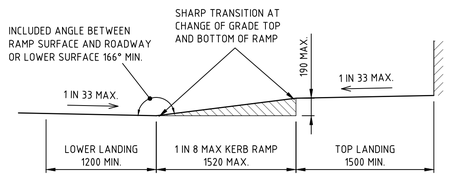



## PLAN VIEW




## SECTION B – B



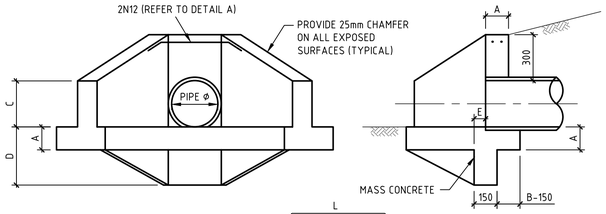

## SECTION A – A

## PRAM RAMP DETAIL

NTS

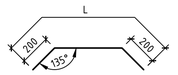
NOTES

1. THE RAMP AND SLOPING SIDES SHOULD BE SLIP RESISITANT AND OF A COLOUR THAT CONTRASTS WITH THE ADJOINING SURFACES.
2. A TACTILE INDICATOR, AS SPECIFIED IN AS1428.4 SHOULD BE INTEGRATED AND EXTENDED FOR 200mm AWAY FROM THE RAMP AT THE SHARP TRANSITION AT THE TOP AND BOTTOM OF THE RAMP. THIS COULD TAKE THE FORM OF ROUGH BROOMING OR SIMILAR TEXTURE WHICH WILL AID ORIENTATION FOR PEOPLE WITH A VISUAL IMPAIRMENT.
3. # WHERE CONSTRAINTS DICTATE THE ANGLE MAY BE REDUCED TO 30° IN ACCORDANCE WITH RMS STANDARD DRAWING No. R0300-11.
4. MINIMUM 125mm THICKNESS OF CONCRETE REINFORCED WITH SL82 MESH BOTTOM, 40mm COVER



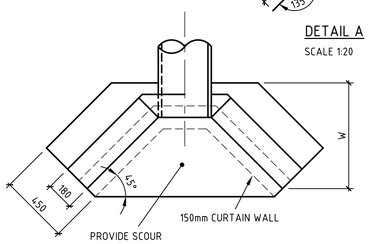

ELEVATION

SECTION




## DETAIL A

SCALE 1:20




PLAN

| PIPE DIAMETER | | 300 | 375 | 450 | 525 | 600 | 750 | 900 |
|---|---|---|---|---|---|---|---|---|
| A | | 150 | 150 | 150 | 150 | 180 | 205 | 230 |
| B | | 300 | 300 | 300 | 300 | 450 | 450 | 450 |
| C | | 300 | 300 | 300 | 300 | 380 | 380 | 380 |
| D | | 380 | 380 | 380 | 380 | 530 | 530 | 530 |
| E | | 75 | 75 | 75 | 75 | 110 | 110 | 110 |
| W | | 690 | 690 | 840 | 990 | 1120 | 1450 | 1780 |
| L | | 840 | 840 | 915 | 990 | 1100 | 1250 | 1400 |
| CONCRETE QUANTITY ($m^3$) | | 0.25 | 0.27 | 0.325 | 0.38 | 0.67 | 1.02 | 1.40 |
| REINFORCEMENT DIAMETER | | 10 | 10 | 10 | 10 | 12 | 12 | 12 |
| REINFORCEMENT | LENGTH (mm) | 1680 | 1680 | 1830 | 1845 | 2200 | 2500 | 2800 |
| | MASS (kg) | 1.1 | 1.1 | 1.2 | 1.3 | 2.0 | 2.6 | 2.95 |

NOTE
COMPRESSIVE STRENGTH (F'c) FOR CAST IN-SITU CONCRETE TO BE A MINIMUM OF 25 MPa AT 28 DAYS

## HEADWALL DETAIL

SCALE 1:20

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|---|---|
| Project Name | KILVINTON & DOROTHY MOWLL COURT RENEWAL KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL |
| Drawing Title | SITEWORKS AND STORMWATER DRAINAGE DETAILS SHEET 2 |

DEVELOPMENT APPLICATION

| | |
|---|---|
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| Drawn | FM |
| Scale | NOTED |
| Date | AUG 2021 |
| Sheet | A1 |

Project Director Approved Date North

Project Ref 22 - 0062 Drawing No C051 Rev P2

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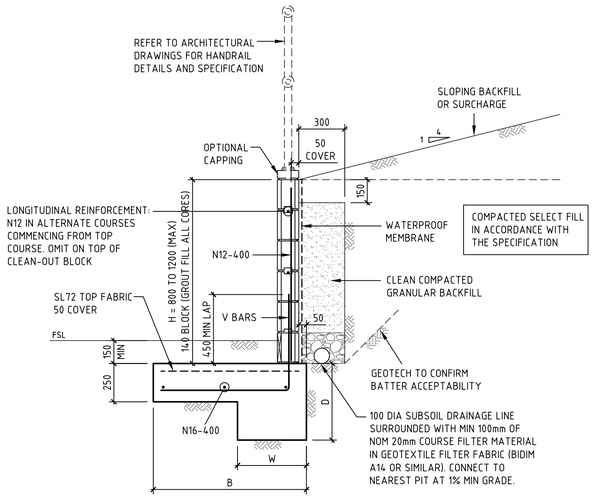
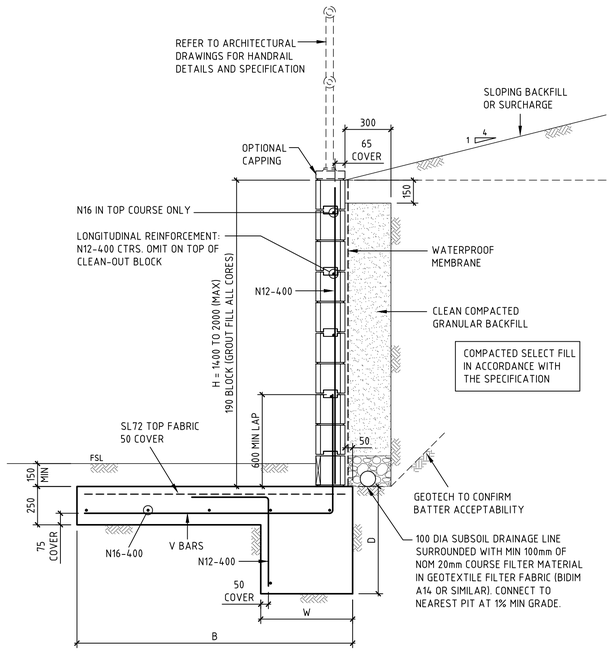
PW By: Tamara Prohaimadi



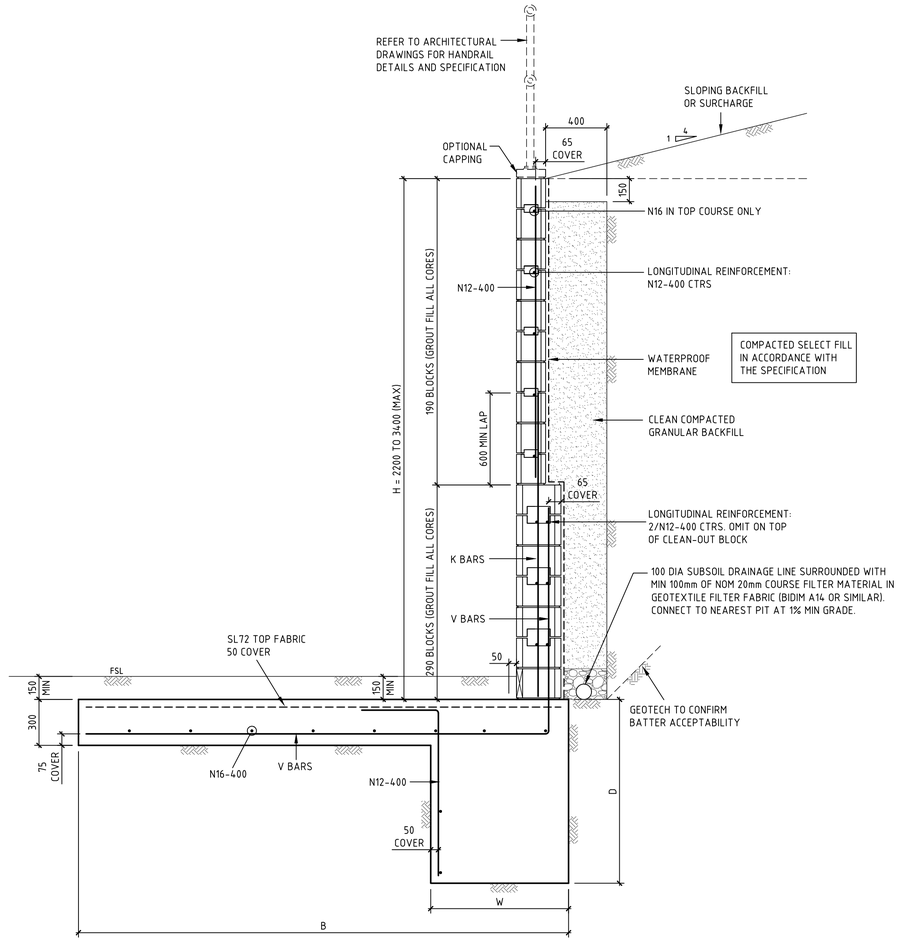

BLOCK RETAINING WALL (MAX 1200 HIGH)

SCALE 1:20




BLOCK RETAINING WALL (MAX 2000 HIGH)

SCALE 1:20




BLOCK RETAINING WALL (MAX 3400 HIGH)

SCALE 1:20

## BLOCK RETAINING WALL BASE TYPE 2

| WALL HEIGHT | | | | REINFORCEMENT | | BASE DIMENSIONS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL HEIGHT (mm) H | HEIGHT OF BLOCKWORK | | | X-BARS AND V-BARS | K-BARS | HEEL WIDTH (mm) W | LEVEL BACKFILL | | MAX 1:4 SLOPING BACKFILL | |
| | 150 SERIES | 200 SERIES | 300 SERIES | | | | BASE WIDTH (mm) B | HEEL DEPTH (mm) D | BASE WIDTH (mm) B | HEEL DEPTH (mm) D |
| 800 | 800 | - | - | N12-400 | - | 450 | 600 | 500 | 800 | 500 |
| 1000 | 1000 | - | - | N12-400 | - | 450 | 800 | 500 | 1000 | 500 |
| 1200 | 1200 | - | - | N12-400 | - | 450 | 1000 | 500 | 1200 | 600 |
| 1400 | - | 1400 | - | N16-400 | - | 450 | 1200 | 500 | 1400 | 600 |
| 1600 | - | 1600 | - | N16-400 | - | 450 | 1400 | 600 | 1600 | 700 |
| 1800 | - | 1800 | - | N16-400 | - | 450 | 1600 | 700 | 1800 | 800 |
| 2000 | - | 2000 | - | N16-200 | - | 600 | 1800 | 700 | 2000 | 800 |
| 2200 | - | 1400 | 800 | N16-400 | N16-400 | 600 | 2000 | 800 | 2200 | 900 |
| 2400 | - | 1600 | 800 | N16-400 | N16-400 | 600 | 2200 | 900 | 2400 | 1000 |
| 2600 | - | 1600 | 1000 | N20-400 | N20-400 | 900 | 2400 | 900 | 2600 | 1000 |
| 2800 | - | 1800 | 1000 | N20-400 | N20-400 | 900 | 2600 | 900 | 2800 | 1100 |
| 3000 | - | 2000 | 1000 | N16-200 | N16-200 | 900 | 2800 | 1000 | 3000 | 1200 |
| 3200 | - | 2000 | 1200 | N20-200 | N16-200 | 900 | 3000 | 1100 | 3200 | 1300 |
| 3400 | - | 2000 | 1400 | N20-200 | N16-200 | 900 | 3200 | 1200 | 3400 | 1500 |

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Project Name: ANGLICAN CARE RESIDENTIAL VILLAGE WESTERN ROAD, CASTLE HILL

Drawing Title: SITEWORKS AND STORMWATER DRAINAGE DETAILS SHEET 3

DEVELOPMENT APPLICATION

| | | | |
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| Date | AUG 2021 | | |
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Project Ref: 22 - 0062 | Drawing No: C052 | Rev: P2

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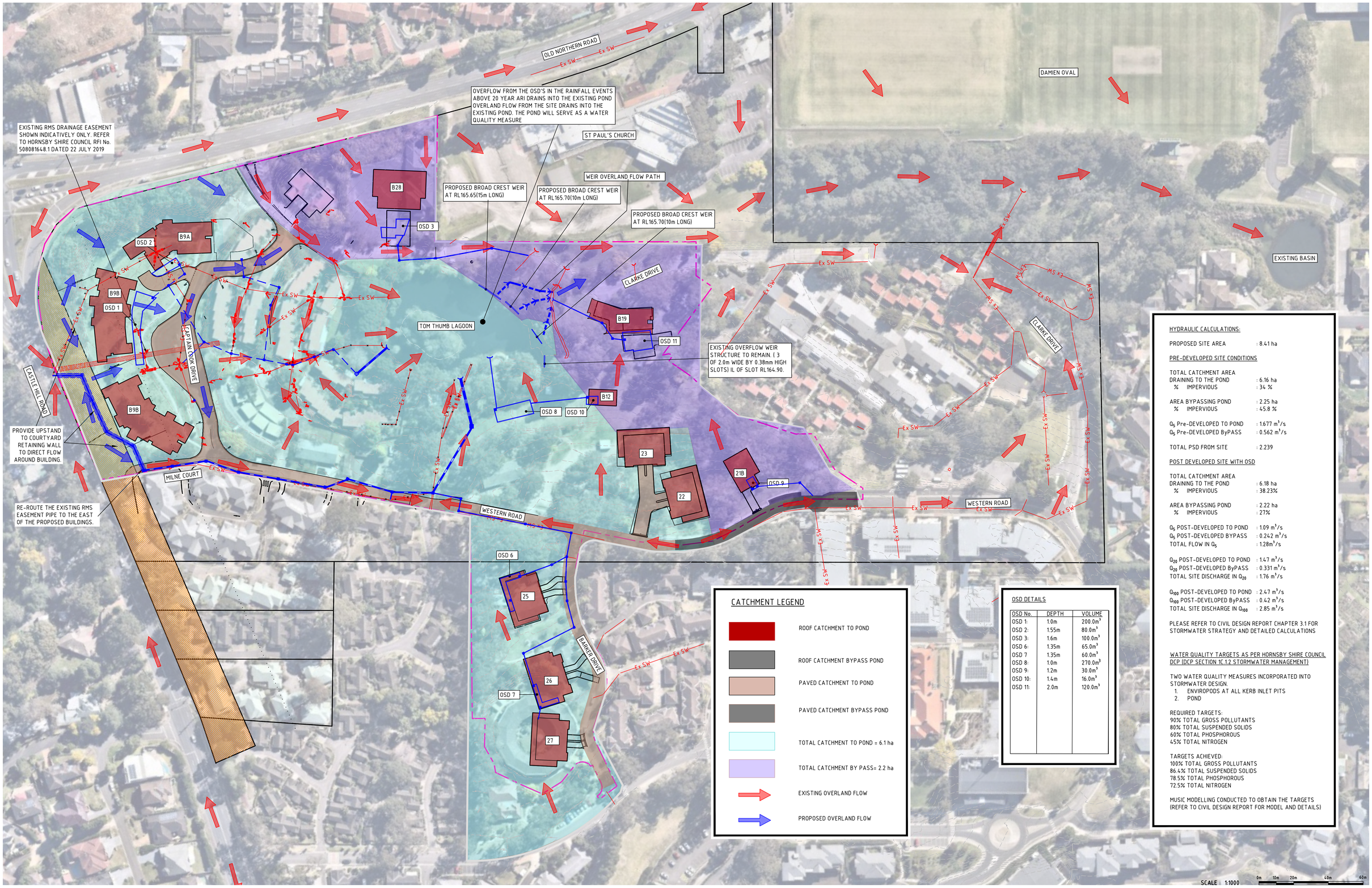


## CATCHMENT LEGEND

- ROOF CATCHMENT TO POND
- ROOF CATCHMENT BYPASS POND
- PAVED CATCHMENT TO POND
- PAVED CATCHMENT BYPASS POND
- TOTAL CATCHMENT TO POND = 6.1 ha
- TOTAL CATCHMENT BY PASS= 2.2 ha
- EXISTING OVERLAND FLOW
- PROPOSED OVERLAND FLOW

## OSD DETAILS

| OSD No. | DEPTH | VOLUME |
|---|---|---|
| OSD 1: | 1.0m | 200.0m³ |
| OSD 2: | 1.55m | 80.0m³ |
| OSD 3: | 1.6m | 100.0m³ |
| OSD 6: | 1.35m | 65.0m³ |
| OSD 7 | 1.35m | 60.0m³ |
| OSD 8: | 1.0m | 270.0m³ |
| OSD 9: | 1.2m | 30.0m³ |
| OSD 10: | 1.4m | 16.0m³ |
| OSD 11: | 2.0m | 120.0m³ |

## HYDRAULIC CALCULATIONS:

PROPOSED SITE AREA : 8.41 ha

PRE-DEVELOPED SITE CONDITIONS

TOTAL CATCHMENT AREA
DRAINING TO THE POND : 6.16 ha
% IMPERVIOUS : 34 %

AREA BYPASSING POND : 2.25 ha
% IMPERVIOUS : 45.8 %

$Q_5$ Pre-DEVELOPED TO POND : 1.677 m³/s
$Q_5$ Pre-DEVELOPED ByPASS : 0.562 m³/s

TOTAL PSD FROM SITE : 2.239

POST DEVELOPED SITE WITH OSD

TOTAL CATCHMENT AREA
DRAINING TO THE POND : 6.18 ha
% IMPERVIOUS : 38.23%

AREA BYPASSING POND : 2.22 ha
% IMPERVIOUS : 27%

$Q_5$ POST-DEVELOPED TO POND : 1.09 m³/s
$Q_5$ POST-DEVELOPED BYPASS : 0.242 m³/s
TOTAL FLOW IN $Q_5$ : 1.28m³/s

$Q_{20}$ POST-DEVELOPED TO POND : 1.47 m³/s
$Q_{20}$ POST-DEVELOPED ByPASS : 0.331 m³/s
TOTAL SITE DISCHARGE IN $Q_{20}$ : 1.76 m³/s

$Q_{100}$ POST-DEVELOPED TO POND : 2.47 m³/s
$Q_{100}$ POST-DEVELOPED ByPASS : 0.42 m³/s
TOTAL SITE DISCHARGE IN $Q_{100}$ : 2.85 m³/s

PLEASE REFER TO CIVIL DESIGN REPORT CHAPTER 3.1 FOR STORMWATER STRATEGY AND DETAILED CALCULATIONS

WATER QUALITY TARGETS AS PER HORNSBY SHIRE COUNCIL DCP (DCP SECTION 1C.1.2 STORMWATER MANAGEMENT)

TWO WATER QUALITY MEASURES INCORPORATED INTO STORMWATER DESIGN.
1. ENVIROPODS AT ALL KERB INLET PITS
2. POND

REQUIRED TARGETS:
90% TOTAL GROSS POLLUTANTS
80% TOTAL SUSPENDED SOLIDS
60% TOTAL PHOSPHOROUS
45% TOTAL NITROGEN

TARGETS ACHIEVED:
100% TOTAL GROSS POLLUTANTS
86.4% TOTAL SUSPENDED SOLIDS
78.5% TOTAL PHOSPHOROUS
72.5% TOTAL NITROGEN

MUSIC MODELLING CONDUCTED TO OBTAIN THE TARGETS (REFER TO CIVIL DESIGN REPORT FOR MODEL AND DETAILS)

SCALE 1:1000 0m 10m 20m 40m 60m

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Project Name: ANGLICAN CARE RESIDENTIAL VILLAGE WESTERN ROAD, CASTLE HILL

Drawing Title: PROPOSED STORMWATER CATCHMENT PLAN

DEVELOPMENT APPLICATION

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Date
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Project Ref: 22 - 0062
Drawing No: C055
Rev: P3

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Plot By: Tamsa Zhoheimgaal

EXISTING CONCRETE ROAD

EXISTING CONCRETE ROAD

EXISTING CONCRETE ROAD

EXISTING CONCRETE ROAD

EXISTING CONCRETE ROAD

## LEGEND

- EXTENT OF DEVELOPMENT APPLICATION / SITE BOUNDARY FENCE
- BOUNDARY LINES
- PAVEMENT TYPE P1 HEAVY DUTY ASPHALT PAVEMENT
- PAVEMENT TYPE P2 MEDIUM DUTY ASPHALT PAVEMENT
- PAVEMENT TYPE P4 HEAVY DUTY CONCRETE PAVEMENT
- PAVEMENT TYPE P5 TO RMS PAVEMENT REQUIREMENTS
- PAVEMENT TYPE P6 LIGHT DUTY CONCRETE PAVEMENT
- PAVEMENT TYPE P11 ASPHALT RESHEET
- PAVEMENT TYPE P12 AC14 MILL & RESHEET

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL KILVINTON VILLAGE 417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: OVERALL PAVEMENT PLAN

DEVELOPMENT APPLICATION

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Project Ref: 22 - 0062 | Drawing No: C060 | Rev: P3

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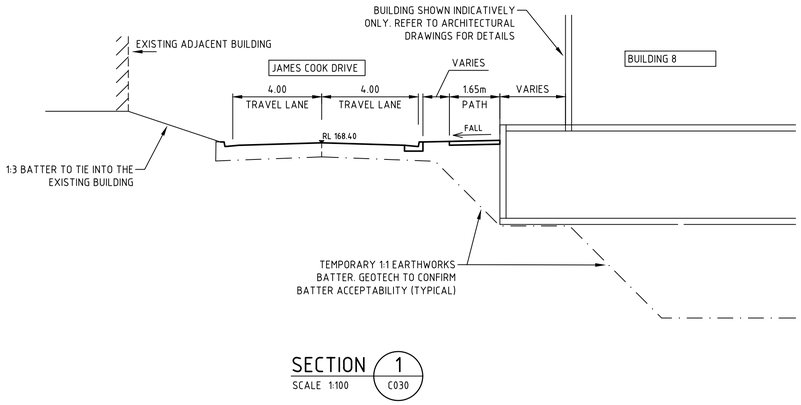


SECTION 1 / C030
SCALE 1:100

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Drawing Title: TYPICAL ROAD CROSS SECTIONS

DEVELOPMENT APPLICATION

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| Drawn | AN |
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Project Ref: 22 - 0062 | Drawing No: C065 | Rev: P2

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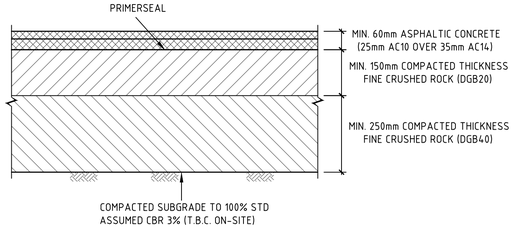
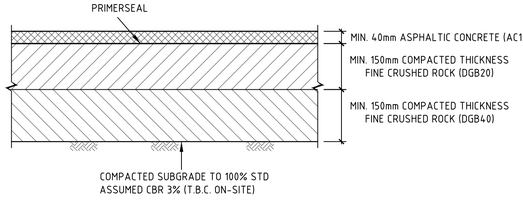



## PAVEMENT TYPE P1
## HEAVY DUTY ASPHALT PAVEMENT

SCALE 1:10

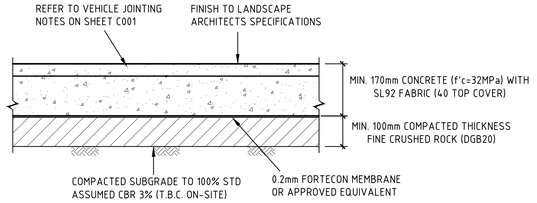
DENOTED ON PLAN




## PAVEMENT TYPE P2
## MEDIUM DUTY ASPHALT PAVEMENT

SCALE 1:10

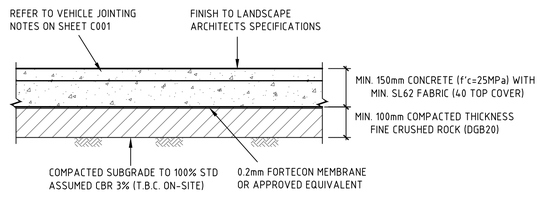
DENOTED ON PLAN




## PAVEMENT TYPE P4
## HEAVY DUTY CONCRETE PAVEMENT

SCALE 1:10

DENOTED ON PLAN

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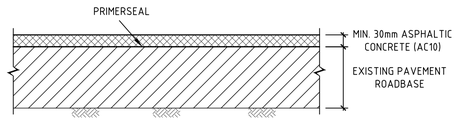
## LIGHT DUTY CONCRETE PAVEMENT

SCALE 1:10

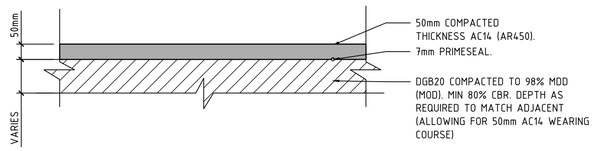
DENOTED ON PLAN




## PAVEMENT TYPE P11
## ASPHALT RESHEET

SCALE 1:10

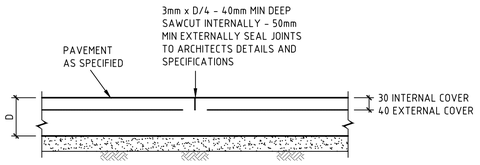
DENOTED ON PLAN




## PAVEMENT TYPE P12
## AC14 MILL & RESHEET PAVEMENT DETAIL

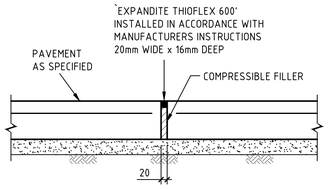
SCALE 1: 10

DENOTED ON PLAN




## SAWCUT JOINT (SJ)

SCALE 1:10

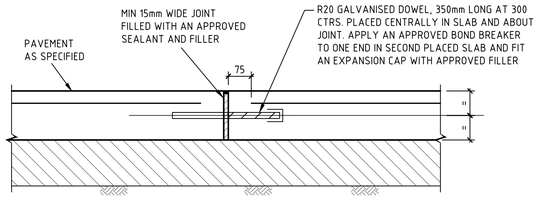



## EXPANSION JOINT (EJ)

SCALE 1:10

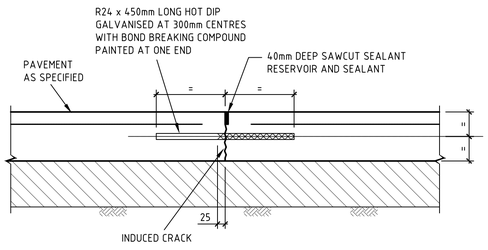
### NOTES

1. SLAB MUST BE SAWCUT AS SOON AS PRACTICABLE AFTER FINISHING OF THE SLAB WITHOUT CAUSING DAMAGE TO THE SAWCUT EDGES - USUALLY 12-24 HOURS.
2. SLABS MUST NOT BE POURED IF TEMPERATURE EXCEEDS 32°
3. HOT WEATHER PLACING (25° AND OVER) MAY REQUIRE SLABS TO BE SAWCUT AS SOON AS 5-6 HOURS AFTER POURING.
4. ANY SLAB BAY IN WHICH SHRINKAGE CRACKS OCCUR DUE TO LATE SAWCUTTING MUST BE REMOVED AND REPLACED BY THE BUILDER/CONTRACTOR.



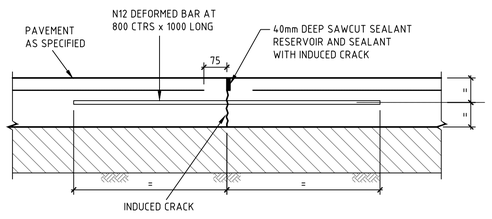

## DOWELLED EXPANSION JOINT (DEJ)

SCALE 1:10



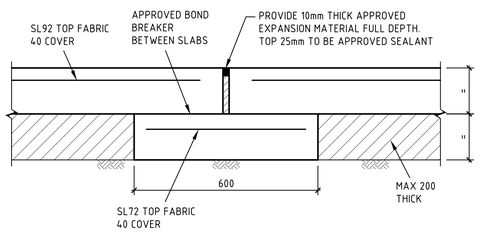

## TRANSVERSE CONTRACTION JOINT (TCJ)

SCALE 1:10



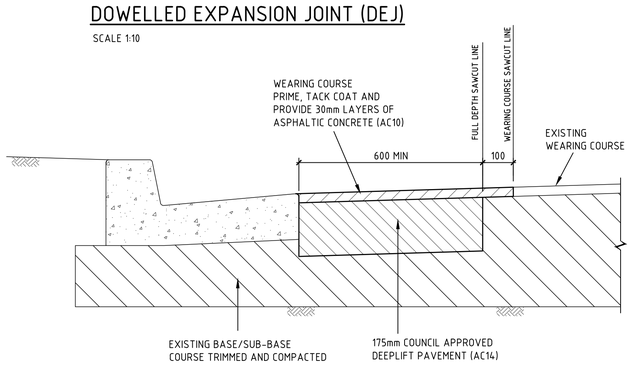

## LONGITUDINAL WARPING JOINT (LWJ)

SCALE 1:10

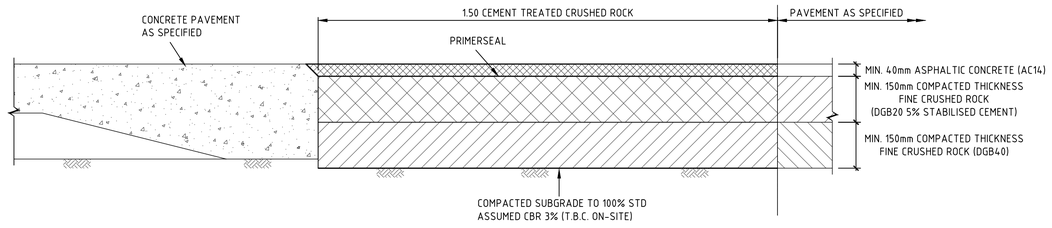



## ISOLATION JOINT (IJ) WITH SUBGRADE BEAM

SCALE 1:20

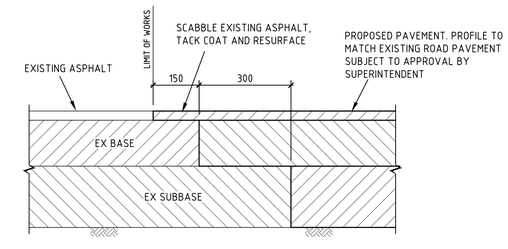



## PAVEMENT - DEEPLIFT




## CONCRETE CONNECTION TO ASPHALT PAVEMENT

SCALE 1:10




## ASPHALT CONNECTION TO EXISTING PAVEMENT

SCALE 1:10

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| P2 | ISSUED FOR DA SUBMISSION | 14.09.21 | FM | - |
| P1 | ISSUED FOR DA SUBMISSION | 07.09.21 | FM | - |

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Project Name: KILVINTON & DOROTHY MOWLL COURT RENEWAL KILVINTON VILLAGE
417 OLD NORTHERN ROAD, CASTLE HILL

Drawing Title: PAVEMENT DETAILS SHEET 1

DEVELOPMENT APPLICATION

| | | | |
|---|---|---|---|
| Designed | AN | Project Director Approved | Date |
| Drawn | FM | | |
| Scale | 1:10 @A1 | | |
| Date | AUG 2021 | | |
| Sheet | A1 | | |

North

| Project Ref | | Drawing No | Rev |
|---|---|---|---|
| 22 | - 0062 | C070 | P2 |

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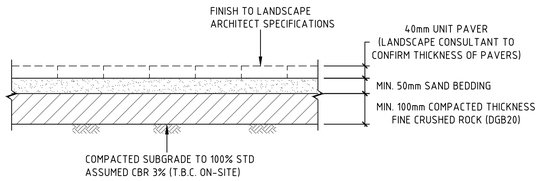
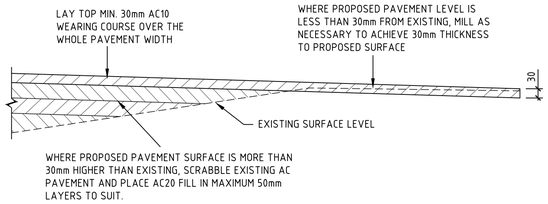



## PAVEMENT TYPE P8B
## LIGHT DUTY UNIT PAVERS

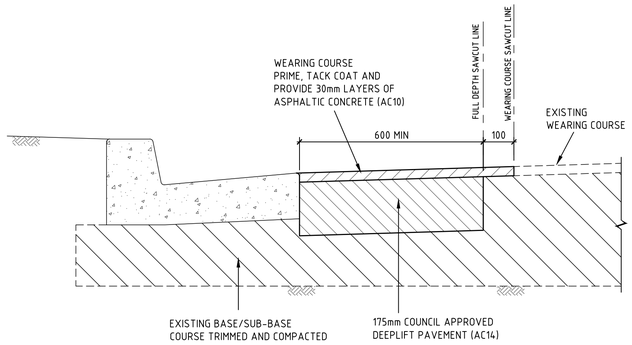
SCALE 1:10

DENOTED ON PLAN



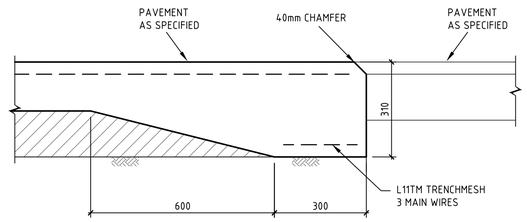

## MILL RE-SHEET/SCRABBLE AND FILL DETAIL

SCALE 1:10



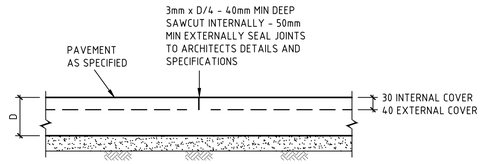

## PAVEMENT - DEEPLIFT

SCALE 1:10



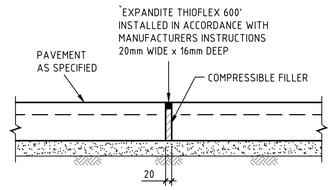

## EDGE THICKENING (ET)

SCALE 1:10




## SAWCUT JOINT (SJ)

SCALE 1:10




## EXPANSION JOINT (EJ)

SCALE 1:10

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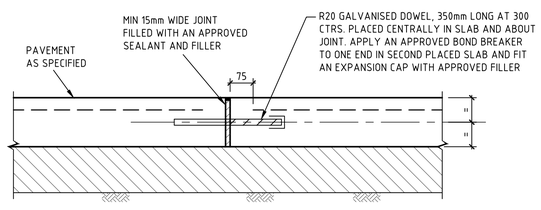
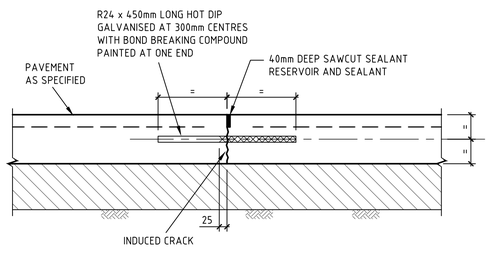


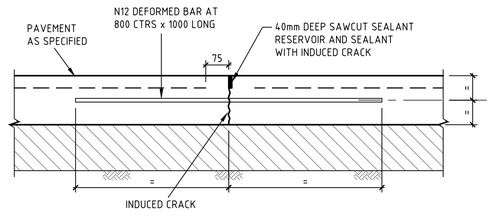

## DOWELLED EXPANSION JOINT (DEJ)

SCALE 1:10



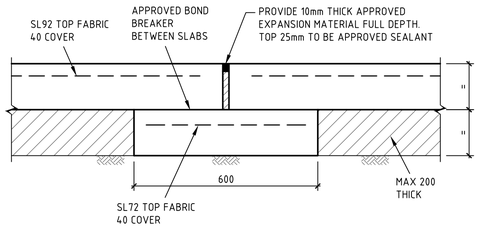

## TRANSVERSE CONTRACTION JOINT (TCJ)

SCALE 1:10



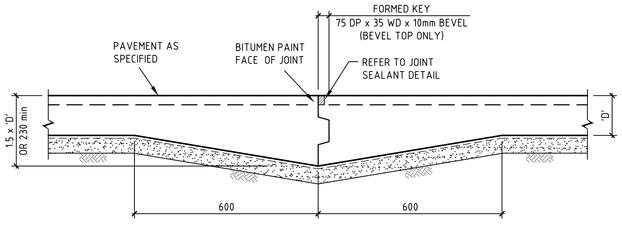

## LONGITUDINAL WARPING JOINT (LWJ)

SCALE 1:10



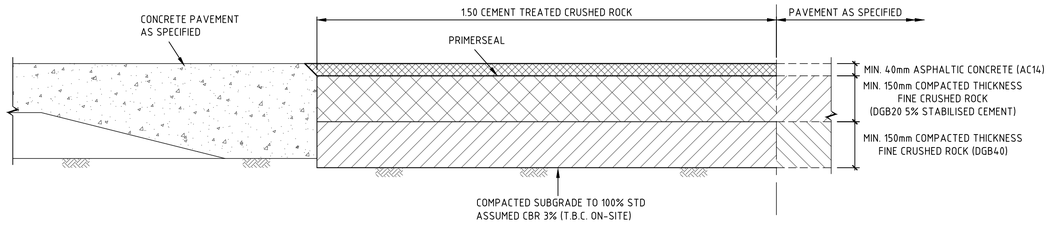

## ISOLATION JOINT (IJ) WITH SUBGRADE BEAM

SCALE 1:20

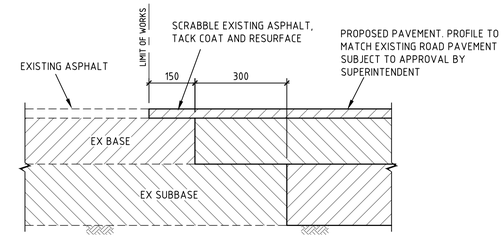



## KEYED CONSTRUCTION JOINT (KJ)

SCALE 1:10




## CONCRETE CONNECTION TO ASPHALT PAVEMENT




## ASPHALT CONNECTION TO EXISTING PAVEMENT

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Project Name: ANGLICAN CARE RESIDENTIAL VILLAGE WESTERN ROAD, CASTLE HILL

Drawing Title: PAVEMENT DETAILS SHEET 2

DEVELOPMENT APPLICATION

| | | | |
|---|---|---|---|
| Designed | AN | Project Director Approved | Date |
| Drawn | FM | | |
| Scale | 1:10 @A1 | | |
| Date | AUG 2021 | | |
| Sheet | A1 | | |

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Project Ref: 22 - 0062 | Drawing No: C071 | Rev: P2

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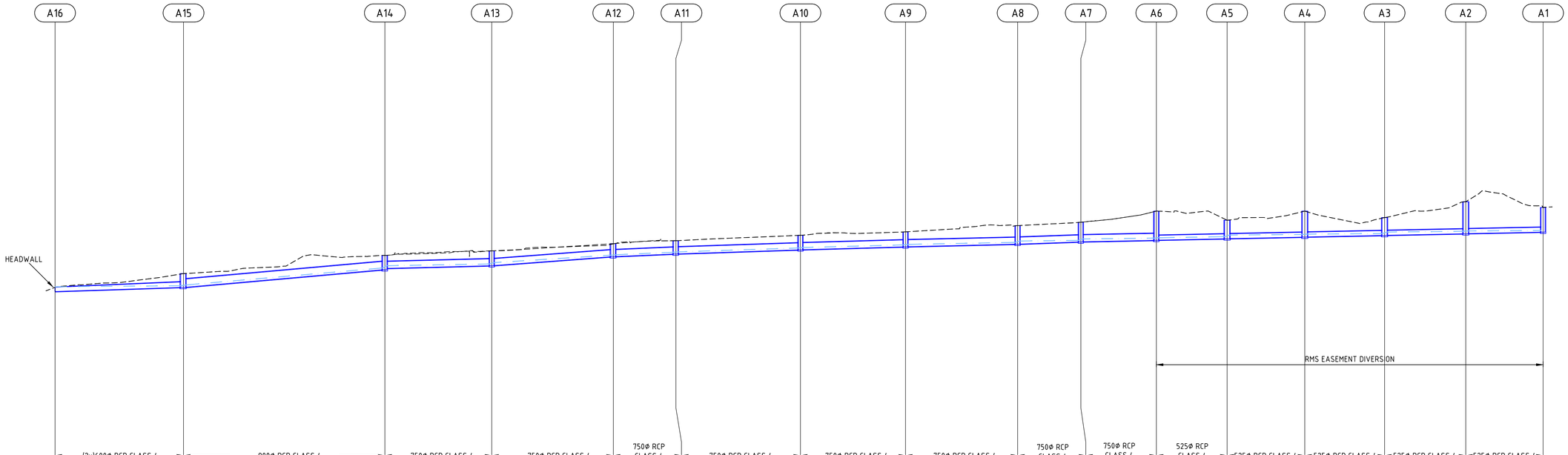
A16
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A12
A11
A10
A9
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A7
A6
A5
A4
A3
A2
A1
HEADWALL
RMS EASEMENT DIVERSION
Pipe Diameter
(2x)600Ø RCP CLASS 4
900Ø RCP CLASS 4
750Ø RCP CLASS 4
750Ø RCP CLASS 4
750Ø RCP CLASS 4
750Ø RCP CLASS 4
750Ø RCP CLASS 4
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525Ø RCP CLASS 4
525Ø RCP CLASS 4
Pipe Grade
1.63%
4.45%
1.28%
3.77%
2.19%
1.66%
1.39%
1.14%
1.77%
0.98%
1.03%
1.00%
1.00%
1.00%
1.00%
Q (m3/s)
0.43
0.431
0.306
0.285
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0.275
0.273
0.276
0.277
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0.261

| | | |