

# DEVELOPMENT APPLICATION

## ' PROPOSED RETIREMENT LIVING DEVELOPMENT '

### LOT 1 IN D.P.1248137

### JORDAN SPRINGS BLVD,

### JORDAN SPRINGS



LOCALITY SKETCH  
NOT TO SCALE

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drawing title:

COVER SHEET, INDEX OF DRAWINGS & LOCALITY SKETCH

location:

LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council:

PENRITH

dwg ref:

300100(3)-CENG-001

client:

central coast office

ph: (02) 4305 4300

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OVERALL PLAN  
SCALE 1:1000



**LEGEND**

- SITE BOUNDARY (Red dashed line)
- SITE EXTENTS BOUNDARY (Blue dashed line)
- PROPOSED LOT BOUNDARY (Black solid line)
- EXISTING LOT BOUNDARY (Black solid line)
- FUTURE LOT BOUNDARY (Black solid line)



drawing title:

OVERALL PLAN

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

dwg ref: 300100(3)-CENG-002

client:

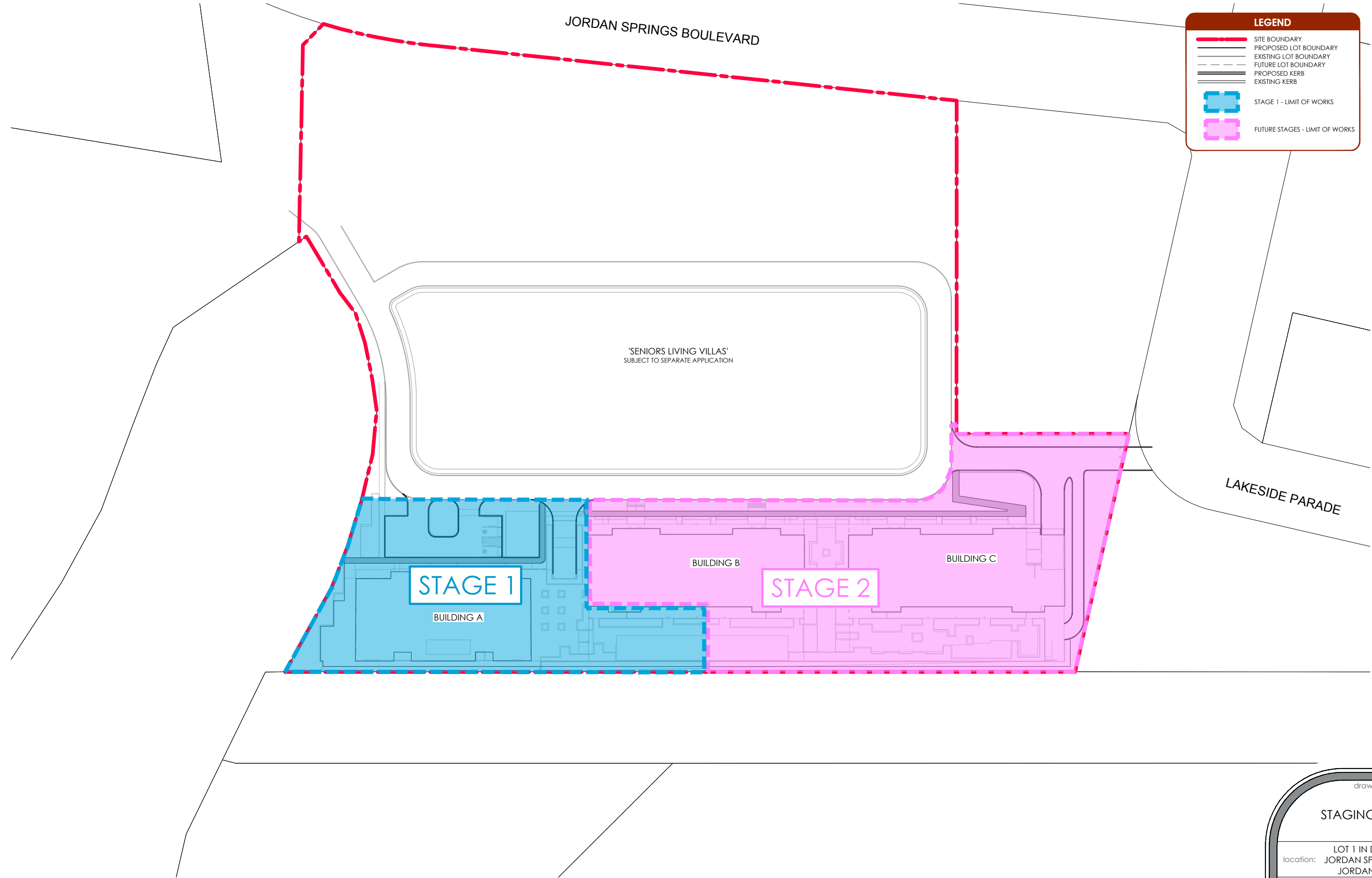


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| ver.                                                                                                                                                                                                 | date     | comment          | drawn | pm | level information           | scale (A1 original size)     | notes |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-------|----|-----------------------------|------------------------------|-------|
| G                                                                                                                                                                                                    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM:<br>CONTOUR INTERVAL: | A1 1:1000 0 25 50m A3 1:2000 |       |
| • project management • civil engineering • infrastructure • superintendency • economic analysis • social impact • town planning • surveying • development feasibility • visualisation • urban design |          |                  |       |    |                             |                              |       |

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STAGING PLAN  
SCALE 1:500



| ver. | date     | comment          | drawn | pm | level information           | scale (A1 original size)        | notes |
|------|----------|------------------|-------|----|-----------------------------|---------------------------------|-------|
| G    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM:<br>CONTOUR INTERVAL: | A1 1:500 0 12.5 25.0m A3 1:1000 |       |

- project management
- civil engineering
- infrastructure
- superintendency
- economic analysis
- social impact
- town planning
- surveying
- development feasibility
- visualisation
- urban design

drawing title:

### STAGING PLAN

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

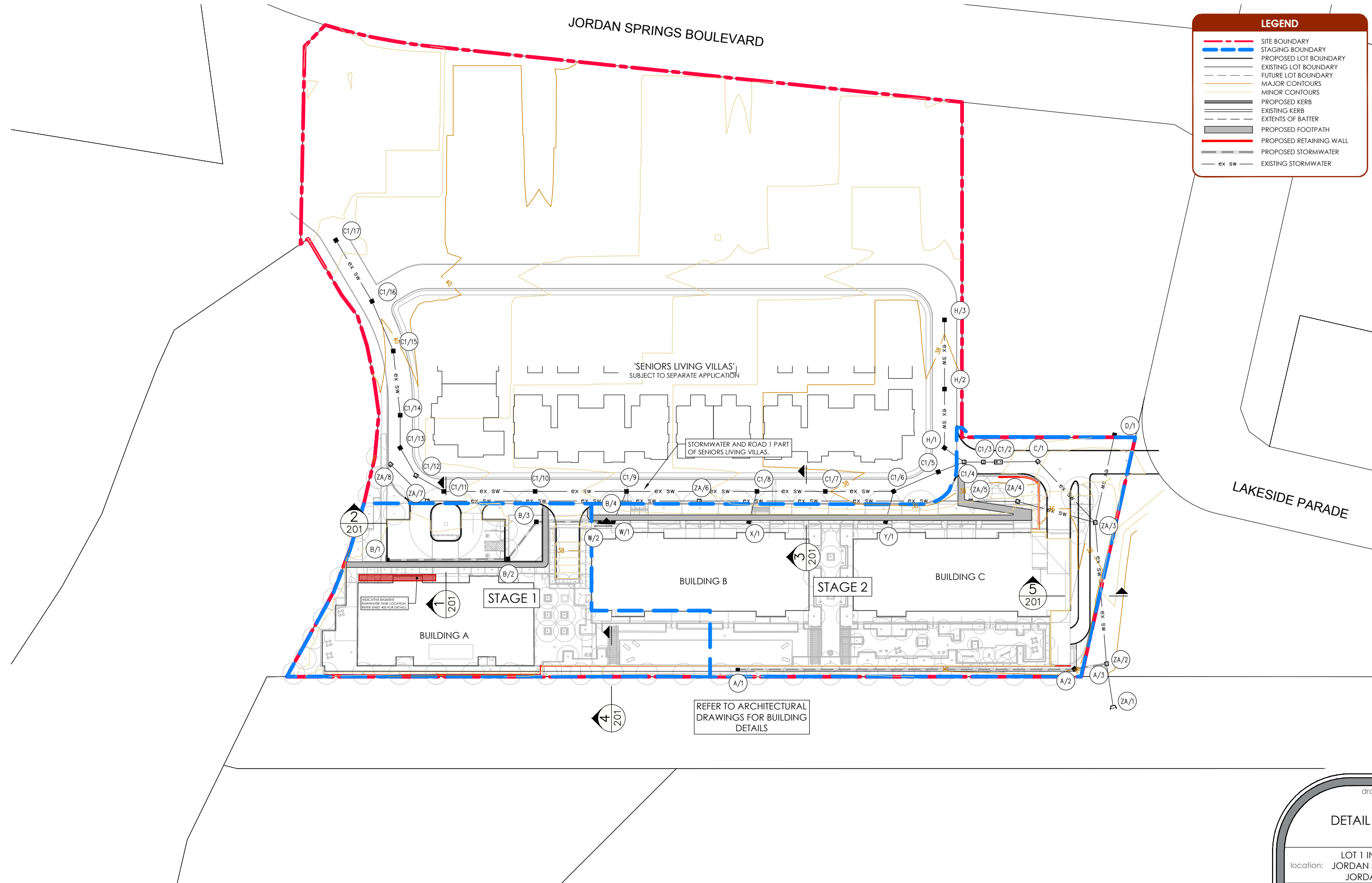
council: PENRITH

dwg ref: 300100(3)-CENG-003

client:

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DETAIL PLAN  
SCALE 1:500



**LEGEND**

- SITE BOUNDARY
- STAGING BOUNDARY
- PROPOSED LOT BOUNDARY
- EXISTING LOT BOUNDARY
- FUTURE LOT BOUNDARY
- MAJOR CONTOURS
- MINOR CONTOURS
- PROPOSED KERB
- EXISTING KERB
- EXTENTS OF BATTER
- PROPOSED FOOTPATH
- PROPOSED RETAINING WALL
- PROPOSED STORMWATER
- ex sw EXISTING STORMWATER



drawing title:  
**DETAIL SHEET 1**

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

dwg ref: 300100(3)-CENG-101

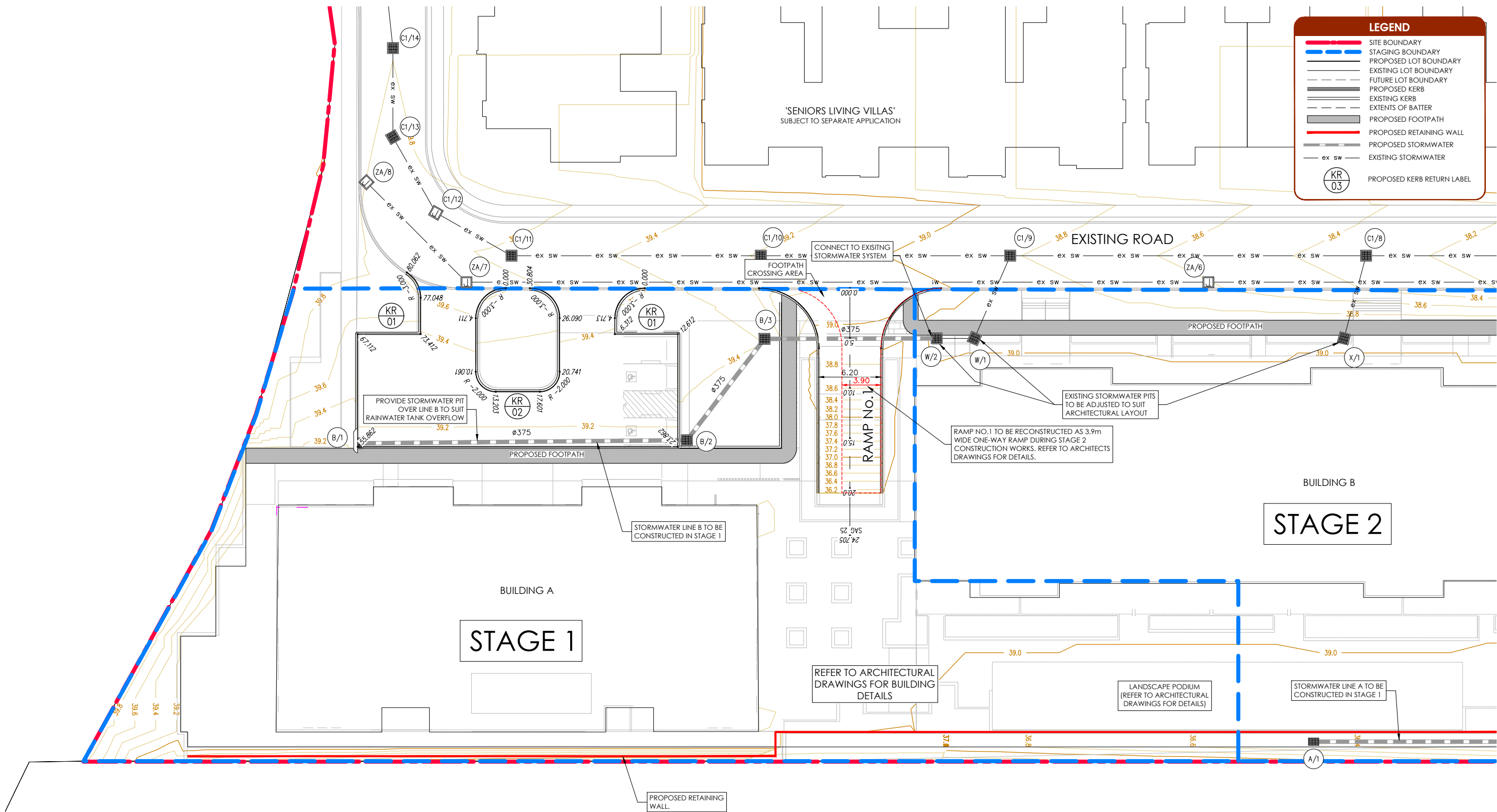
client:



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| ver.                                                                                                                                                                                                 | date     | comment          | drawn | pm | level information                    | scale (A1 original size)              | notes |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-------|----|--------------------------------------|---------------------------------------|-------|
| G                                                                                                                                                                                                    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM: AHD<br>CONTOUR INTERVAL: 0.5m | A1 1:500<br>0 12.5 25.0m<br>A3 1:1000 |       |
| • project management • civil engineering • infrastructure • superintendency • economic analysis • social impact • town planning • surveying • development feasibility • visualisation • urban design |          |                  |       |    |                                      |                                       |       |



DETAIL PLAN  
SCALE 1:200

| ver. | date     | comment          | drawn | pm | level information                    | scale (A1 original size) | notes |
|------|----------|------------------|-------|----|--------------------------------------|--------------------------|-------|
| G    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM: AHD<br>CONTOUR INTERVAL: 0.2m | A1 1:200<br>A3 1:400     |       |

• project management • civil engineering • infrastructure • superintendency • economic analysis • social impact • town planning • surveying • development feasibility • visualisation • urban design



**LEGEND**

- SITE BOUNDARY
- STAGING BOUNDARY
- PROPOSED LOT BOUNDARY
- EXISTING LOT BOUNDARY
- FUTURE LOT BOUNDARY
- PROPOSED KERB
- EXISTING KERB
- EXTENTS OF BATTER
- PROPOSED FOOTPATH
- PROPOSED RETAINING WALL
- PROPOSED STORMWATER
- EXISTING STORMWATER
- PROPOSED KERB RETURN LABEL (KR 03)

REFER SHEET 103 FOR CONTINUATION

**DIAL 1100**  
BEFORE YOU DIG

drawing title:

**DETAIL SHEET 2**

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

dwg ref: 300100(3)-CENG-102

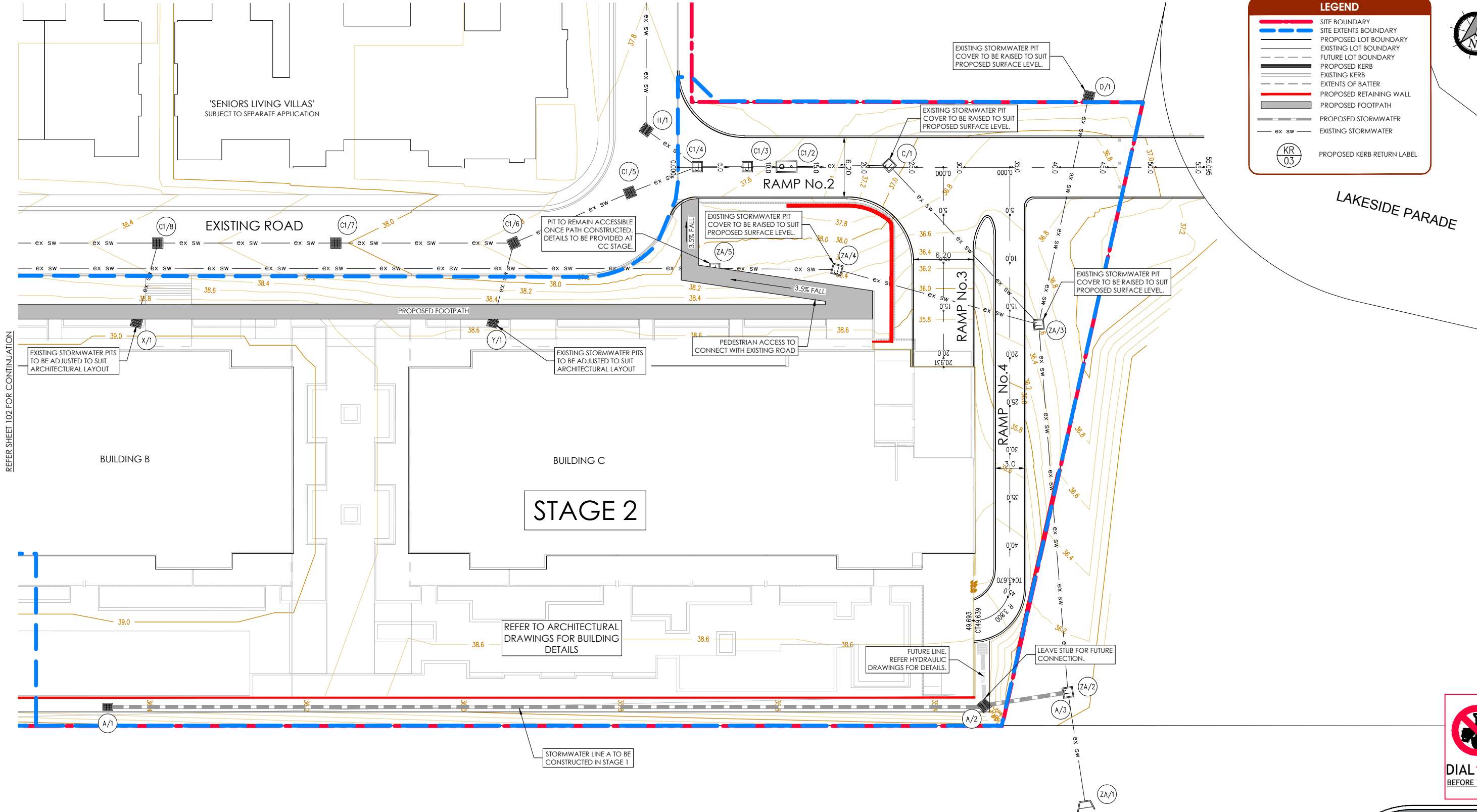
client:

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DETAIL PLAN  
SCALE 1:200

| ver. | date     | comment          | drawn | pm | level information                    | scale (A1 original size) | notes |
|------|----------|------------------|-------|----|--------------------------------------|--------------------------|-------|
| G    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM: AHD<br>CONTOUR INTERVAL: 0.2m | A1 1:200<br>A3 1:400     |       |

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drawing title:

DETAIL SHEET 3

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

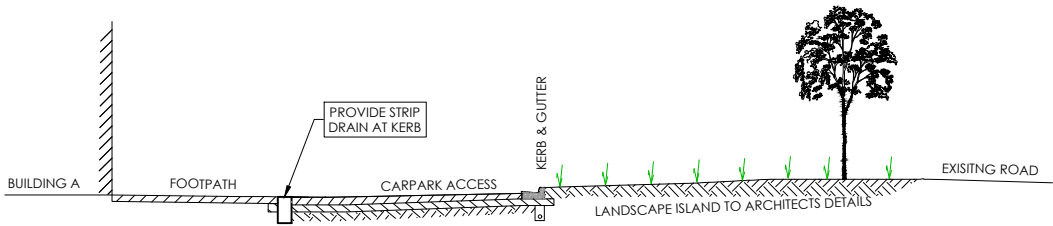
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client:

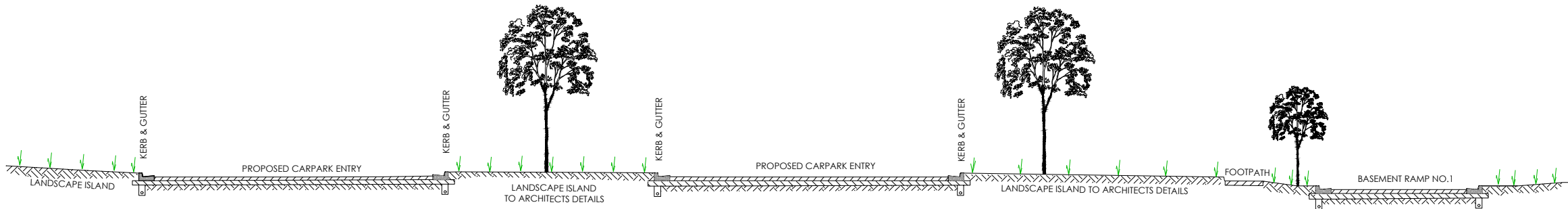
central coast office ph: (02) 4305 4300  
hunter office ph: (02) 4978 5100  
sydney office ph: (02) 8046 7411

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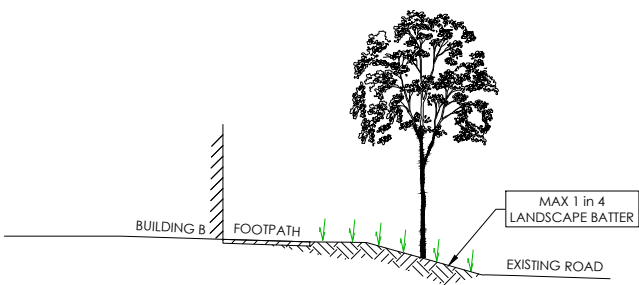
NOTE:  
1. LANDSCAPE SHOWN INDICATIVE ONLY.  
REFER TO LANDSCAPE DESIGN FOR DETAILS



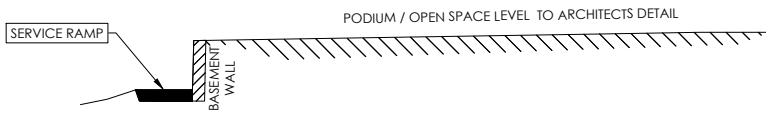
TYPICAL SECTION 01  
HORIZONTAL SCALE 1:100  
VERTICAL SCALE 1:100



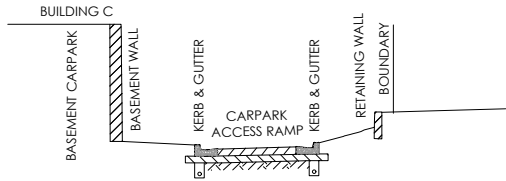
TYPICAL SECTION 02  
HORIZONTAL SCALE 1:100  
VERTICAL SCALE 1:100



TYPICAL SECTION 03  
HORIZONTAL SCALE 1:100  
VERTICAL SCALE 1:100



TYPICAL SECTION 04  
HORIZONTAL SCALE 1:100  
VERTICAL SCALE 1:100



TYPICAL SECTION 05  
HORIZONTAL SCALE 1:100  
VERTICAL SCALE 1:100



drawing title:

TYPICAL SECTIONS

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

dwg ref: 300100(3)-CENG-201

client:

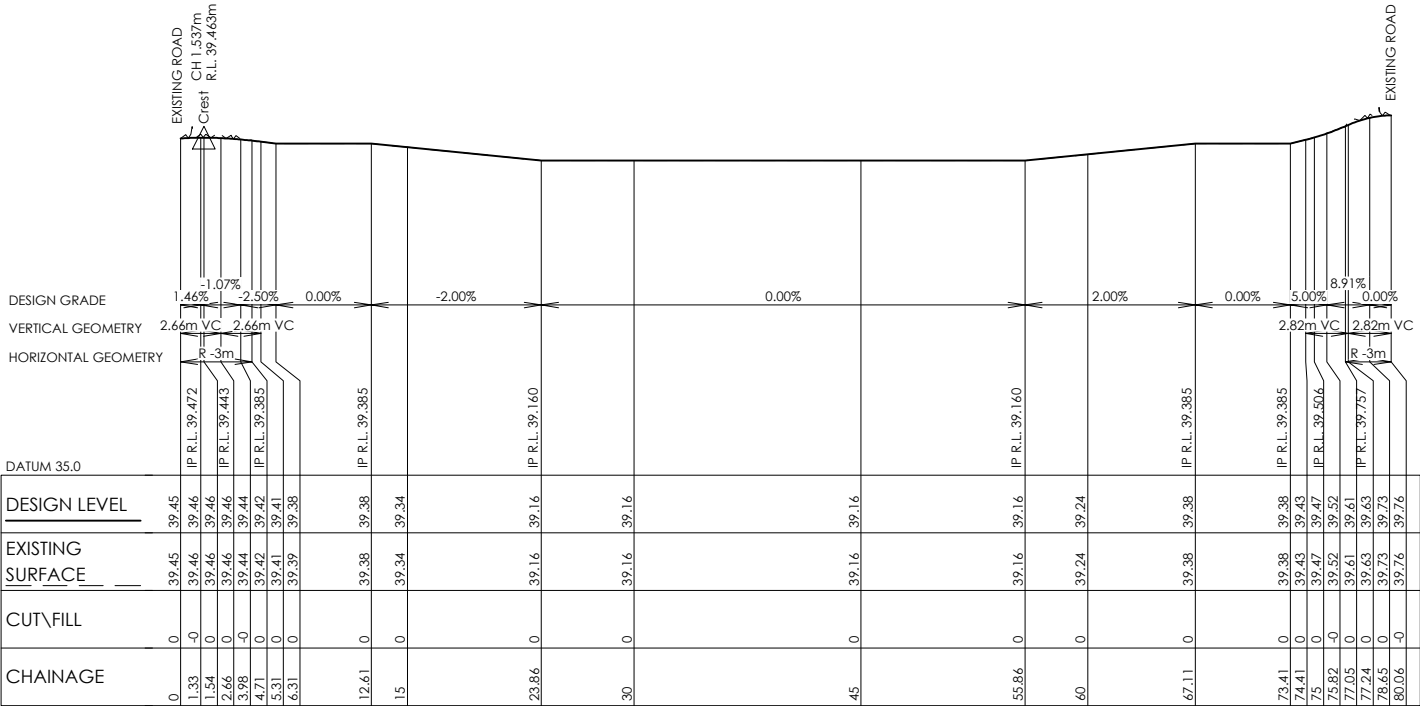


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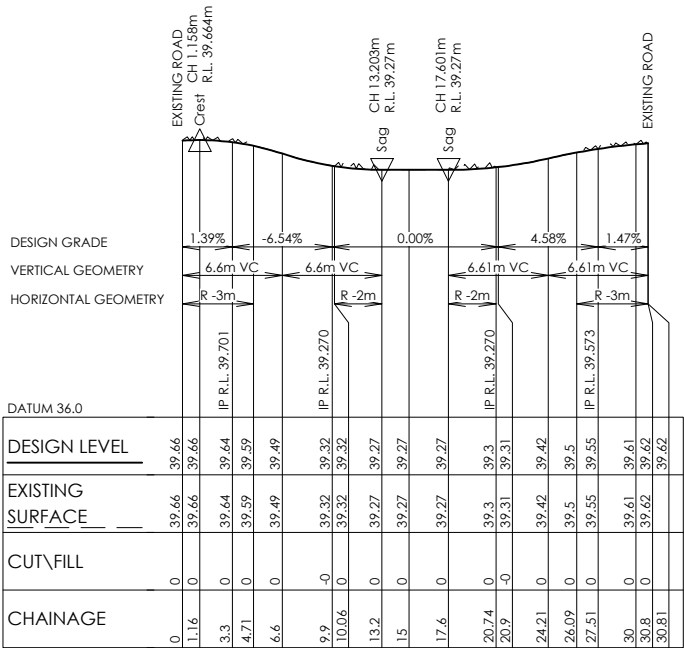
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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-------|----|-----------------------------|------------------------------------------------------------|-------|
| G                                                                                                                                                                                                    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM:<br>CONTOUR INTERVAL: | A1 1:1000 0 25 50m A3 1:2000 A1 1:200 0 5.0 10.0m A3 1:400 |       |
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LONGITUDINAL SECTION KR 01  
HORIZONTAL SCALE 1:250  
VERTICAL SCALE 1:50



LONGITUDINAL SECTION KR 02  
HORIZONTAL SCALE 1:250  
VERTICAL SCALE 1:50



working beyond expectations

| ver.                                                                                                                                                                                                 | date     | comment          | drawn | pm | level information           | scale (A1 original size) | notes                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-------|----|-----------------------------|--------------------------|----------------------|
| G                                                                                                                                                                                                    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM:<br>CONTOUR INTERVAL: | A1 1:50<br>A3 1:100      | A1 1:250<br>A3 1:500 |
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drawing title:

KERB RETURN  
LONGITUDINAL  
SECTIONS

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

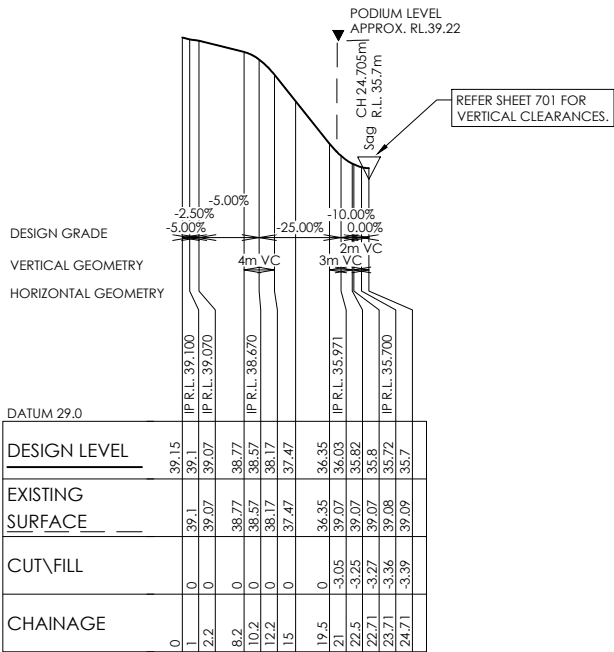
dwg ref: 300100(3)-CENG-202

client:



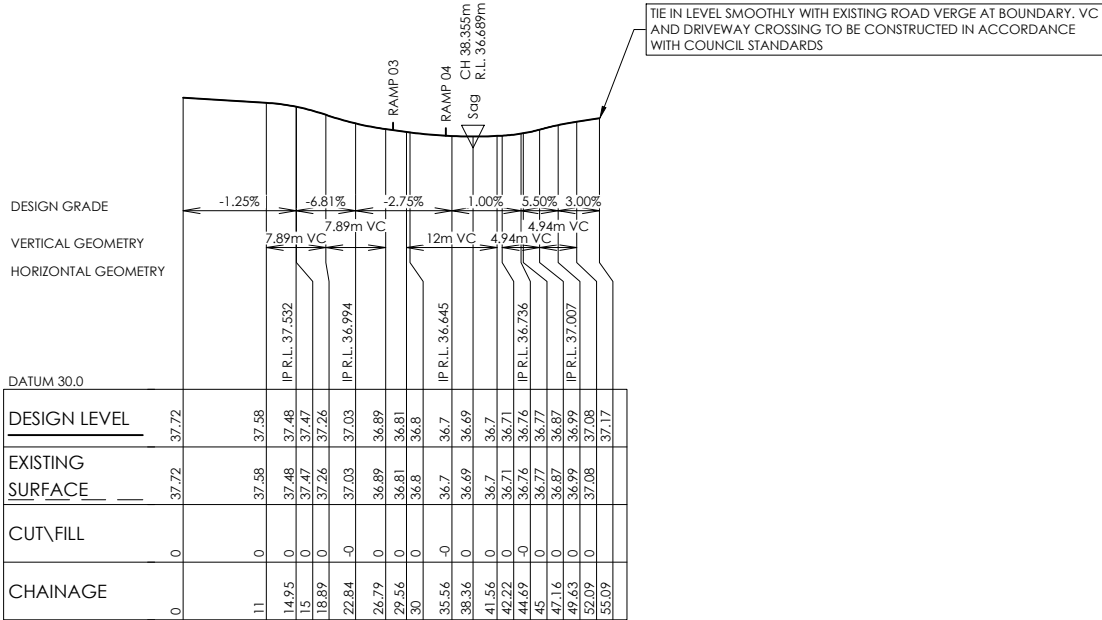
central coast office ph: (02) 4305 4300  
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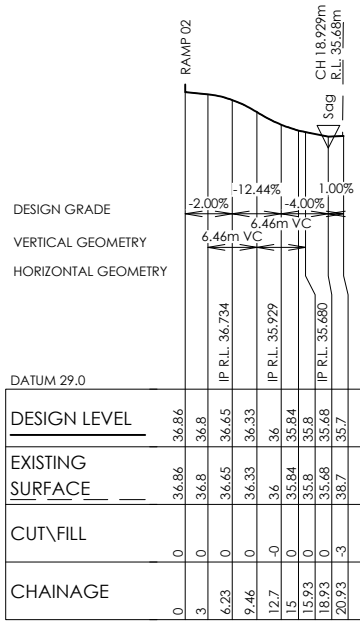
LONGITUDINAL SECTION RAMP 01

HORIZONTAL SCALE 1:500  
VERTICAL SCALE 1:100



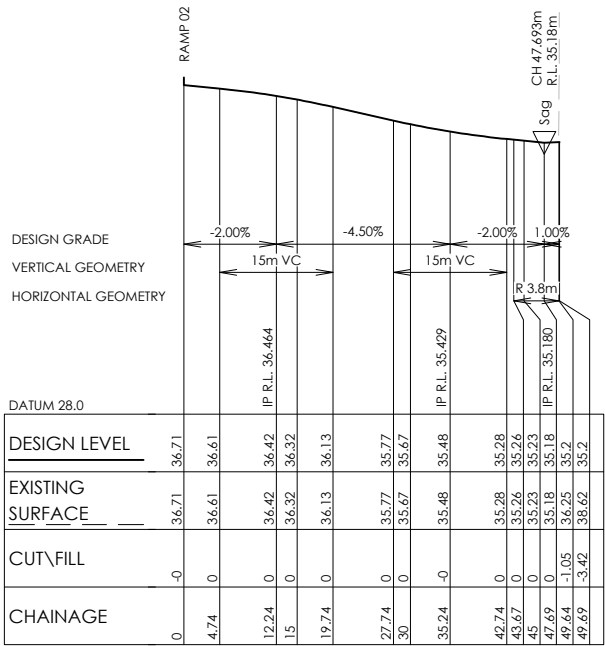
LONGITUDINAL SECTION RAMP 02

HORIZONTAL SCALE 1:500  
VERTICAL SCALE 1:100



LONGITUDINAL SECTION RAMP 03

HORIZONTAL SCALE 1:500  
VERTICAL SCALE 1:100



LONGITUDINAL SECTION RAMP 04

HORIZONTAL SCALE 1:500  
VERTICAL SCALE 1:100



drawing title:

RAMP  
LONGITUDINAL  
SECTIONS

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

dwg ref: 300100(3)-CENG-211

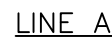
client:



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| ver.                                                                                                                                                                                                 | date     | comment          | drawn | pm | level information           | scale (A1 original size)         | notes                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-------|----|-----------------------------|----------------------------------|---------------------------------------|
| G                                                                                                                                                                                                    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM:<br>CONTOUR INTERVAL: | A1 1:250<br>0 1.25 2.5m A3 1:100 | A1 1:250<br>0 5.0 10.0 12.5m A3 1:500 |
| • project management • civil engineering • infrastructure • superintendency • economic analysis • social impact • town planning • surveying • development feasibility • visualisation • urban design |          |                  |       |    |                             |                                  |                                       |



drawing title:

STORMWATER  
LONGITUDINAL  
SECTIONS - SHEET 1

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

dwg ref: 300100(3)-CENG-401

client:

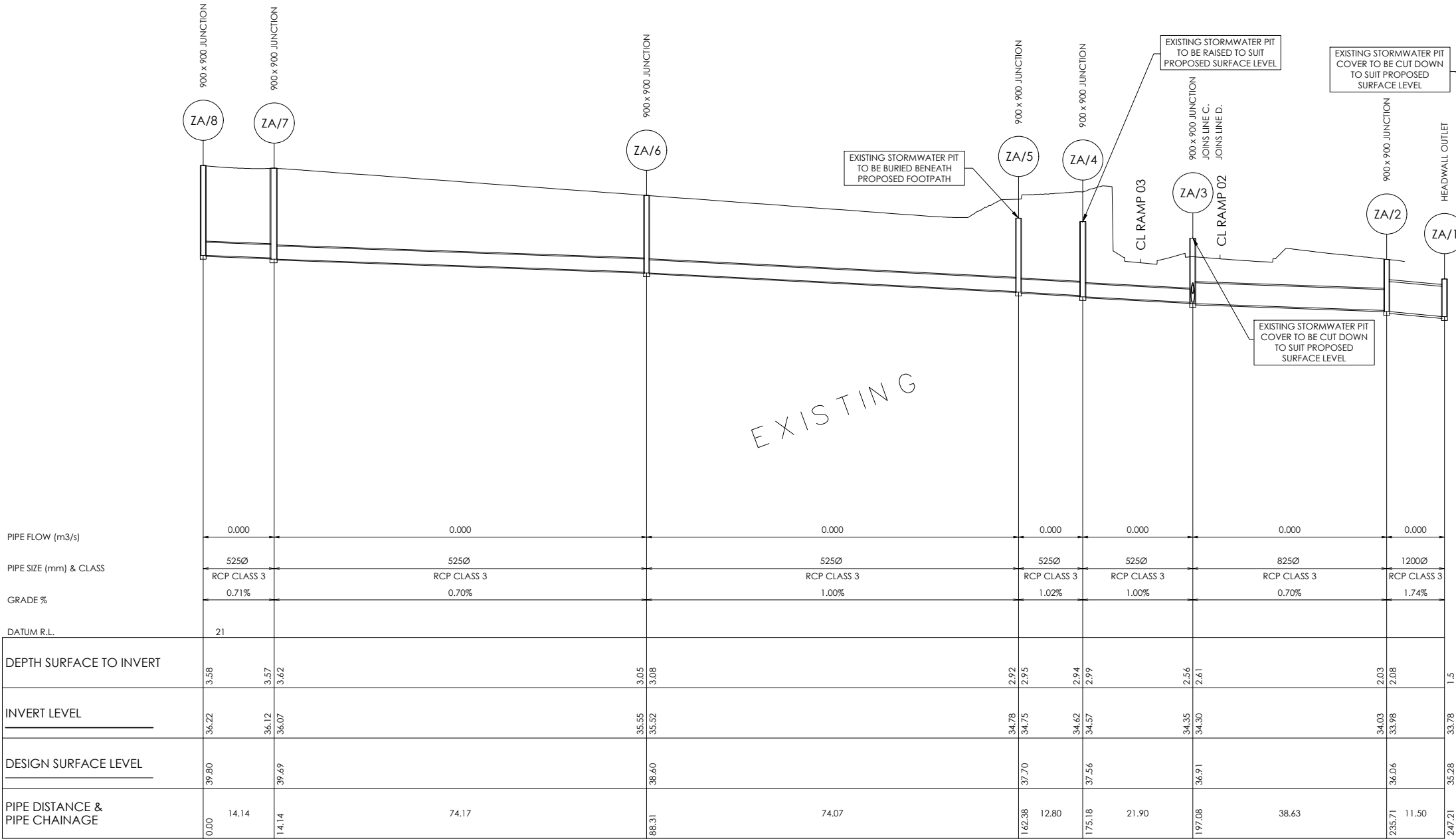


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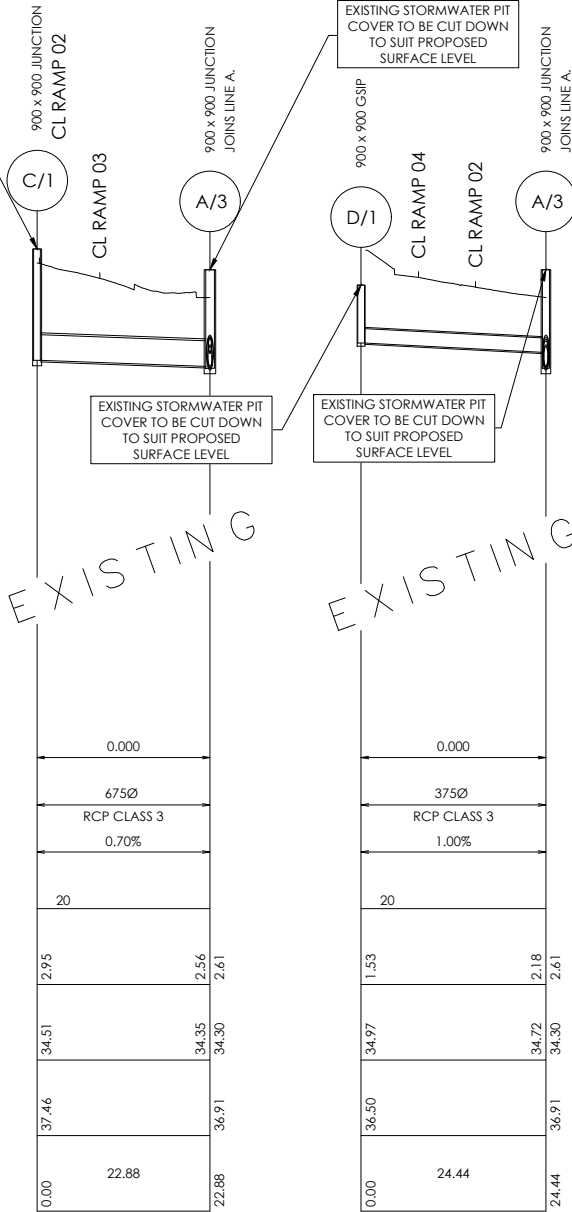
[www.adwjohnson.com.au](http://www.adwjohnson.com.au)

| ver. | date     | comment          | drawn | pm | level information           | scale (A1 original size)                                                                                       | notes                                                                                                         |
|------|----------|------------------|-------|----|-----------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| G    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM:<br>CONTOUR INTERVAL: | A1<br>1:500  A3<br>1:1000 | A1<br>1:100  A3<br>1:200 |

• project management
• civil engineering
• infrastructure
• superintendency
• economic analysis
• social impact
• town planning
• surveying
• development feasibility
• visualisation
• urban design



LINE ZA



LINE C

LINE D



| ver.                                                                                                                                                                                                 | date     | comment          | drawn | pm | level information           | scale (A1 original size)        | notes                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-------|----|-----------------------------|---------------------------------|------------------------------|
| G                                                                                                                                                                                                    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM:<br>CONTOUR INTERVAL: | A1 0 12.5 25.0m A3 1:500 1:1000 | A1 0 2.5 5.0m A3 1:100 1:200 |
| • project management • civil engineering • infrastructure • superintendency • economic analysis • social impact • town planning • surveying • development feasibility • visualisation • urban design |          |                  |       |    |                             |                                 |                              |

drawing title:  
**STORMWATER  
LONGITUDINAL  
SECTIONS - SHEET 2**

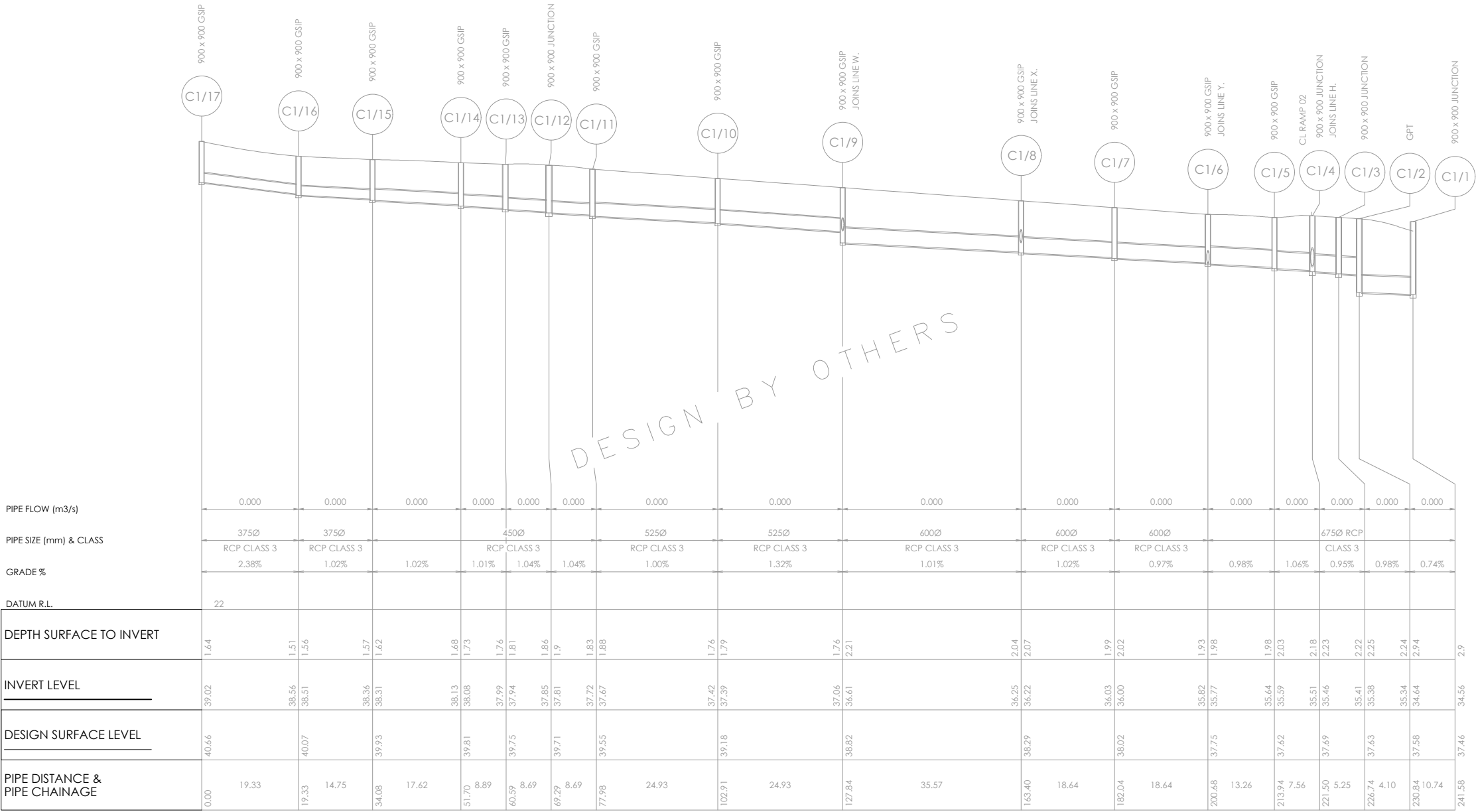
location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

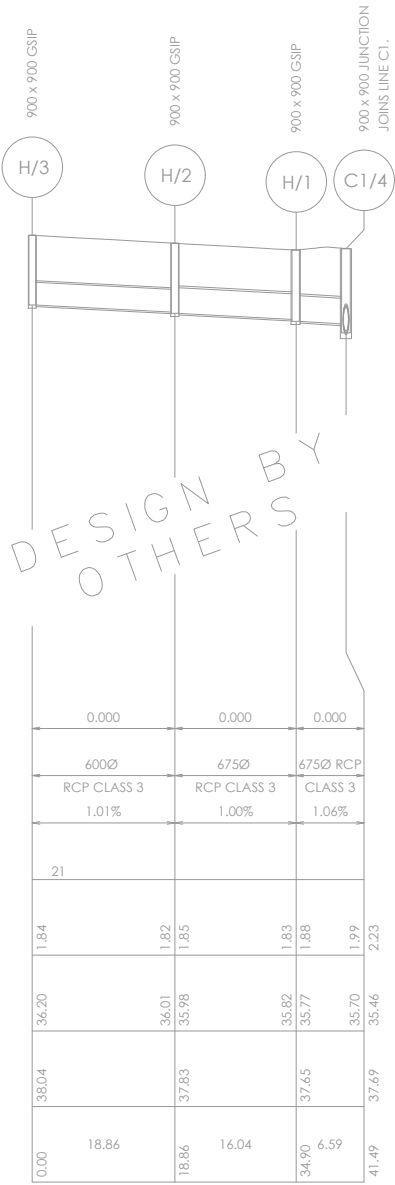
dwg ref: 300100(3)-CENG-402

client:  
  


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LINE C1



LINE H



drawing title:  
**STORMWATER  
LONGITUDINAL  
SECTIONS - SHEET 3**

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

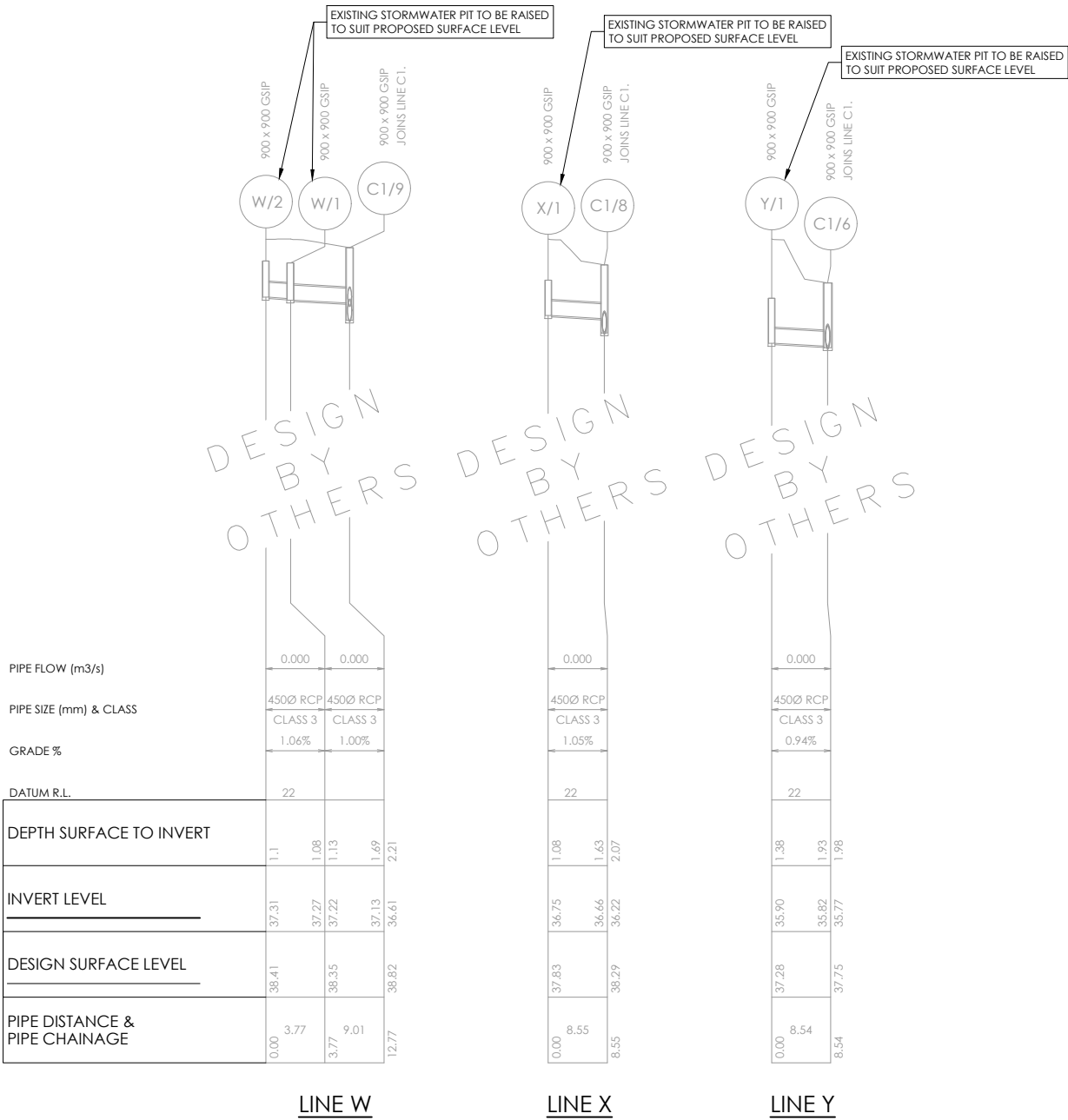
dwg ref: 300100(3)-CENG-403

client:

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hunter office  
sydney office

ph: (02) 4305 4300  
ph: (02) 4978 5100  
ph: (02) 8046 7411

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drawing title:  
**STORMWATER  
LONGITUDINAL  
SECTIONS - SHEET 4**

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

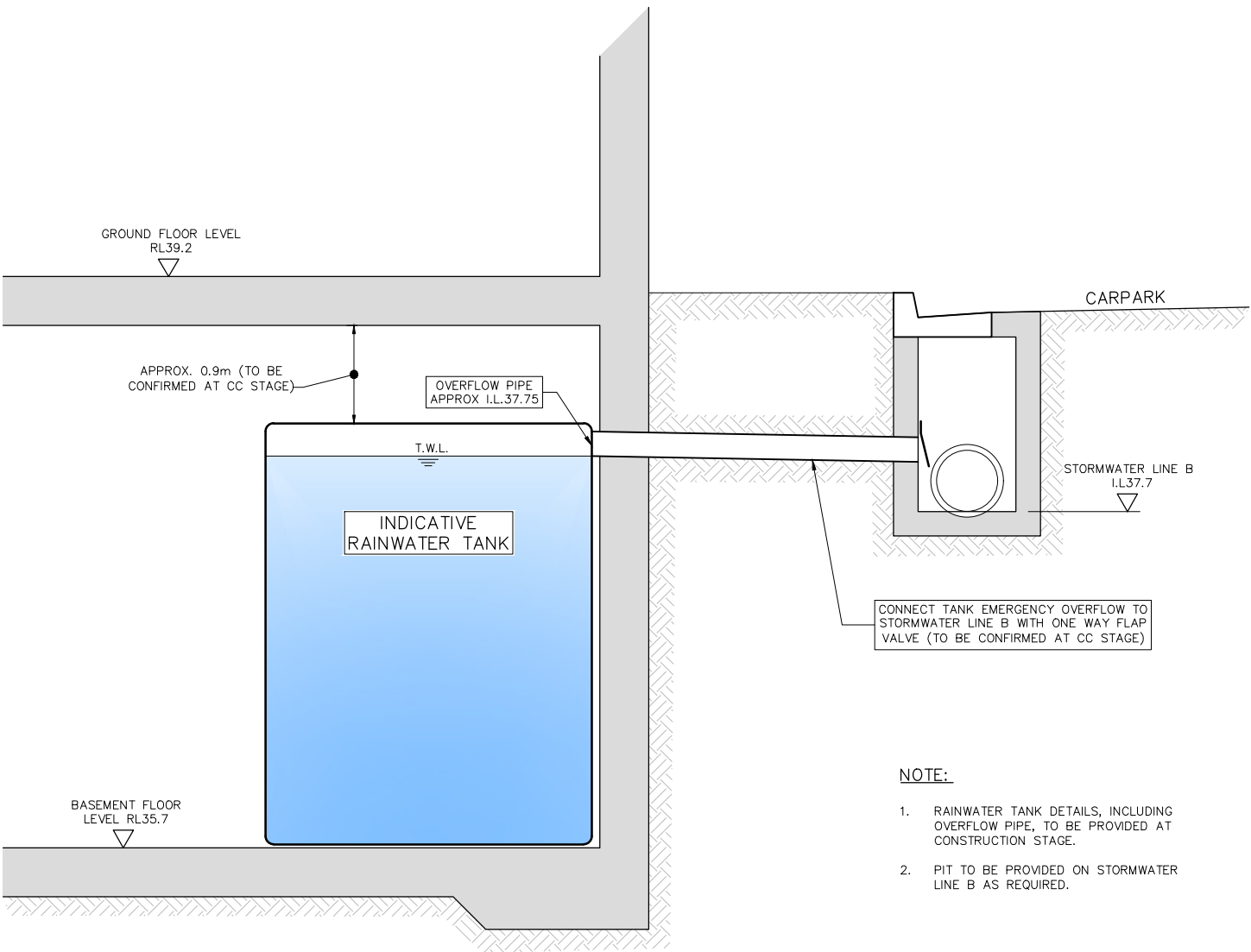
council: PENRITH

dwg ref: 300100(3)-CENG-404

client:

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- NOTE:
1. RAINWATER TANK DETAILS, INCLUDING OVERFLOW PIPE, TO BE PROVIDED AT CONSTRUCTION STAGE.
  2. PIT TO BE PROVIDED ON STORMWATER LINE B AS REQUIRED.

INDICATIVE RAINWATER TANK DETAIL  
SCALE 1:20



working beyond expectations

| ver.                                                                                                                                                                                                 | date     | comment          | drawn | pm | level information           | scale (A1 original size)   | notes |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-------|----|-----------------------------|----------------------------|-------|
| G                                                                                                                                                                                                    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM:<br>CONTOUR INTERVAL: | A1 1:20 0 0.5 1.0m A3 1:40 |       |
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drawing title:  
**INDICATIVE  
RAINWATER TANK  
DETAIL**

location:  
LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council:  
PENRITH

dwg ref:  
300100(3)-CENG-405

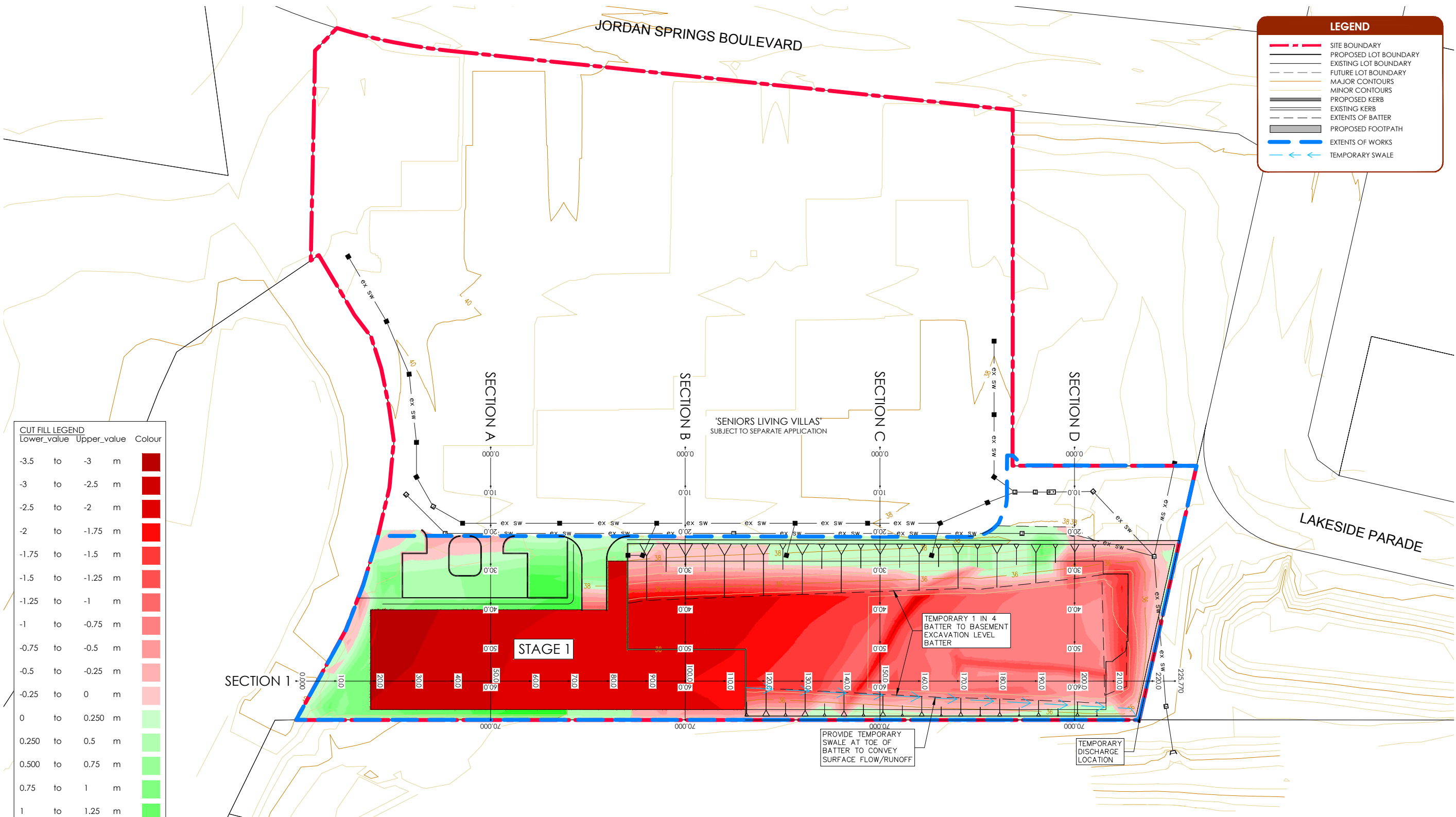
client:  




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hunter office  
sydney office

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ph: (02) 4978 5100  
ph: (02) 8046 7411

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| CUT/FILL LEGEND |    |             |   |                                                                                     |
|-----------------|----|-------------|---|-------------------------------------------------------------------------------------|
| Lower_value     |    | Upper_value |   | Colour                                                                              |
| -3.5            | to | -3          | m |    |
| -3              | to | -2.5        | m |    |
| -2.5            | to | -2          | m |   |
| -2              | to | -1.75       | m |  |
| -1.75           | to | -1.5        | m |  |
| -1.5            | to | -1.25       | m |  |
| -1.25           | to | -1          | m |  |
| -1              | to | -0.75       | m |  |
| -0.75           | to | -0.5        | m |  |
| -0.5            | to | -0.25       | m |  |
| -0.25           | to | 0           | m |  |
| 0               | to | 0.250       | m |  |
| 0.250           | to | 0.5         | m |  |
| 0.500           | to | 0.75        | m |  |
| 0.75            | to | 1           | m |  |
| 1               | to | 1.25        | m |  |
| 1.25            | to | 1.5         | m |  |
| 1.5             | to | 1.75        | m |  |
| 1.75            | to | 2           | m |  |

SITE REGRADE PLAN  
SCALE 1:500

CUT/FILL VOLUMES:

|                                               |                      |
|-----------------------------------------------|----------------------|
| TOTAL CUT:                                    | 10,960m <sup>3</sup> |
| TOTAL FILL:                                   | 1,060m <sup>3</sup>  |
| CUT TO STOCKPILE/EXPORT:                      | 9,900m <sup>3</sup>  |
| STOCKPILE/EXPORT<br>(WITH BULKING FACTOR 20%) | 11,880m <sup>3</sup> |

VOLUME ASSUMPTIONS:

1. CUT FILL VOLUMES BASED UPON STAGE 1 EXCAVATION WORKS ONLY.
2. VOLUMES HAVE BEEN CALCULATED FROM EXISTING NATURAL SURFACE TO STAGE 1 BASEMENT EXCAVATION SURFACE.
3. ALLOWANCE OF 250mm FOR SLAB THICKNESS AND 150mm SUBBASE HAS BEEN MADE FOR SLAB/FOUNDATION THICKNESS.
4. ALLOWANCE OF 300mm HAS BEEN MADE FOR HORIZONTAL OVER EXCAVATION OF WALLS
5. ALLOWANCE OF 400mm HAS BEEN MADE FOR PAVEMENT BOXING FOR TOP CARPARK.
6. ALLOWANCE OF 20% HAS BEEN MADE FOR BULKING FACTORS ON EXCESS MATERIAL.
7. NO ALLOWANCE HAS BEEN MADE FOR SITE STRIPPING.
8. NO ALLOWANCE HAS BEEN MADE FOR THE DISCOVERY AND REMEDIATION OF CONTAMINANTS OR UNSUITABLE MATERIAL.

| ver.                                                                                                                                                                                                 | date     | comment          | drawn | pm | level information                    | scale (A1 original size)              | notes |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-------|----|--------------------------------------|---------------------------------------|-------|
| G                                                                                                                                                                                                    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM: AHD<br>CONTOUR INTERVAL: 0.5m | A1 1:500<br>0 12.5 25.0m<br>A3 1:1000 |       |
| • project management • civil engineering • infrastructure • superintendency • economic analysis • social impact • town planning • surveying • development feasibility • visualisation • urban design |          |                  |       |    |                                      |                                       |       |

LEGEND

- SITE BOUNDARY
- PROPOSED LOT BOUNDARY
- EXISTING LOT BOUNDARY
- FUTURE LOT BOUNDARY
- MAJOR CONTOURS
- MINOR CONTOURS
- PROPOSED KERB
- EXISTING KERB
- EXTENTS OF BATTER
- PROPOSED FOOTPATH
- EXTENTS OF WORKS
- TEMPORARY SWALE



drawing title:

**SITE REGRADE PLAN  
STAGE 1**

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

dwg ref: 300100(3)-CENG-501

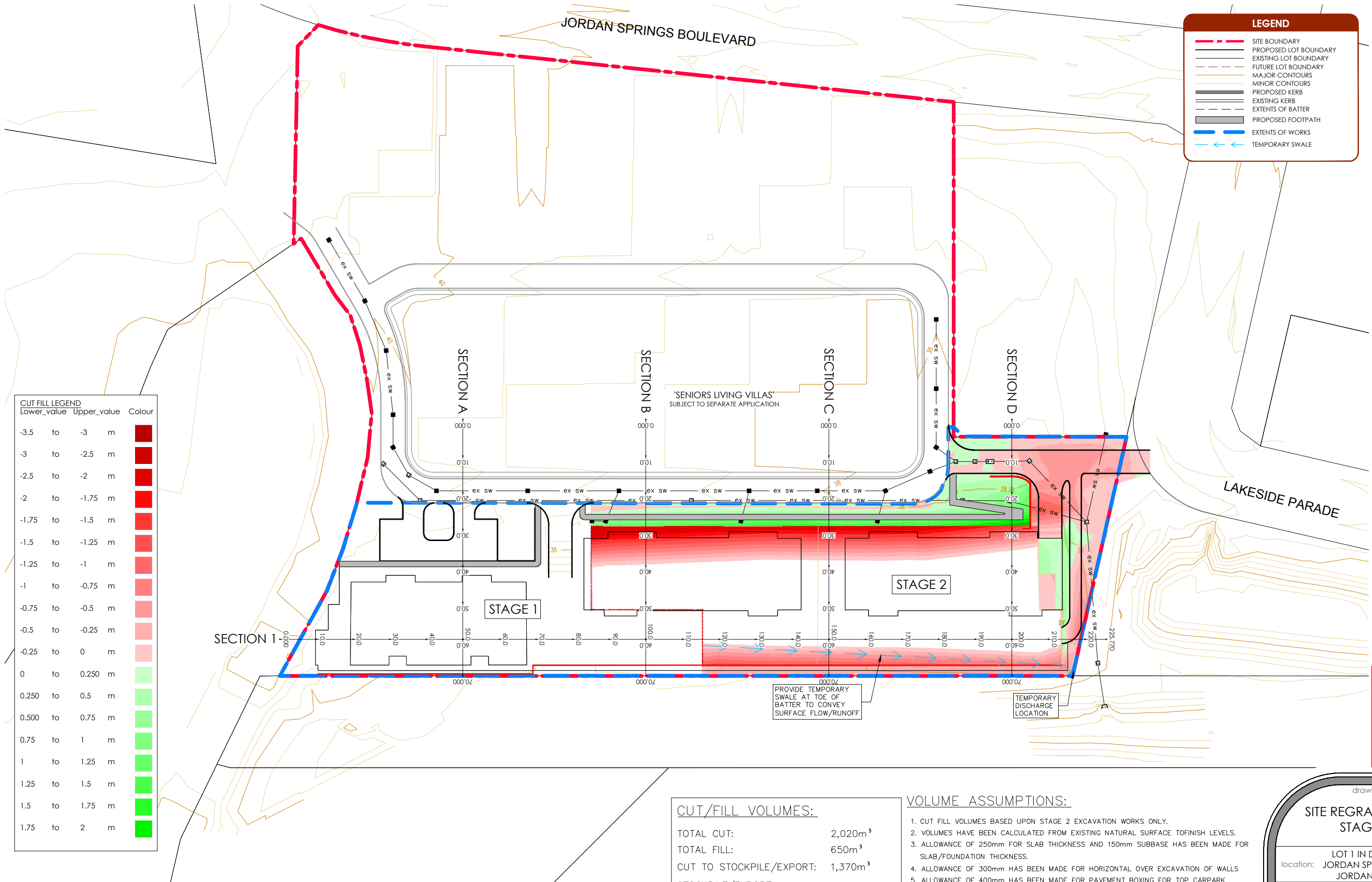
client:

**lendlease**

**adw johnson**

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hunter office ph: (02) 4978 5100  
sydney office ph: (02) 8046 7411

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SITE REGRADE PLAN  
SCALE 1:500

CUT/FILL VOLUMES:

|                                               |                     |
|-----------------------------------------------|---------------------|
| TOTAL CUT:                                    | 2,020m <sup>3</sup> |
| TOTAL FILL:                                   | 650m <sup>3</sup>   |
| CUT TO STOCKPILE/EXPORT:                      | 1,370m <sup>3</sup> |
| STOCKPILE/EXPORT<br>(WITH BULKING FACTOR 20%) | 1,644m <sup>3</sup> |

VOLUME ASSUMPTIONS:

1. CUT FILL VOLUMES BASED UPON STAGE 2 EXCAVATION WORKS ONLY.
2. VOLUMES HAVE BEEN CALCULATED FROM EXISTING NATURAL SURFACE TO FINISH LEVELS.
3. ALLOWANCE OF 250mm FOR SLAB THICKNESS AND 150mm SUBBASE HAS BEEN MADE FOR SLAB/FOUNDATION THICKNESS.
4. ALLOWANCE OF 300mm HAS BEEN MADE FOR HORIZONTAL OVER EXCAVATION OF WALLS.
5. ALLOWANCE OF 400mm HAS BEEN MADE FOR PAVEMENT BOXING FOR TOP CARPARK.
6. ALLOWANCE OF 20% HAS BEEN MADE FOR BULKING FACTORS ON EXCESS MATERIAL.
7. NO ALLOWANCE HAS BEEN MADE FOR SITE STRIPPING.
8. NO ALLOWANCE HAS BEEN MADE FOR THE DISCOVERY AND REMEDIATION OF CONTAMINANTS OR UNSUITABLE MATERIAL.

| ver. | date     | comment          | drawn | pm | level information                    | scale (A1 original size)              | notes |
|------|----------|------------------|-------|----|--------------------------------------|---------------------------------------|-------|
| G    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM: AHD<br>CONTOUR INTERVAL: 0.5m | A1 1:500<br>0 12.5 25.0m<br>A3 1:1000 |       |

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drawing title:  
SITE REGRADE PLAN  
STAGE 2

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

dwg ref: 300100(3)-CENG-502

client:

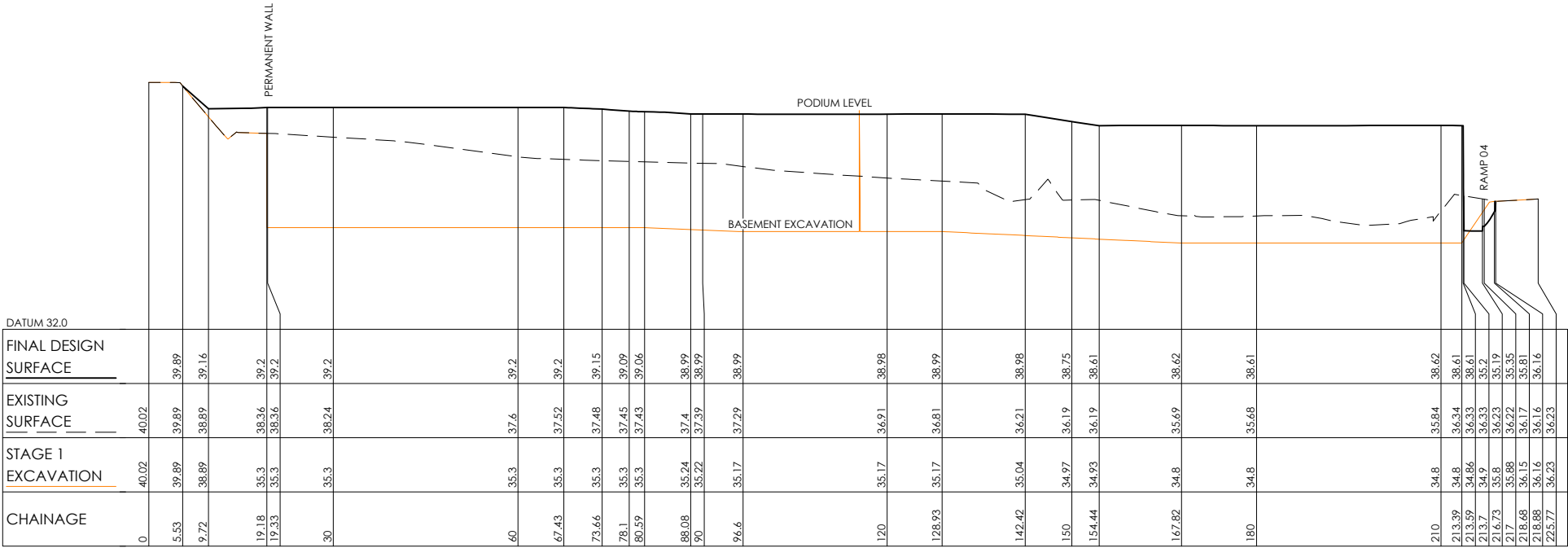


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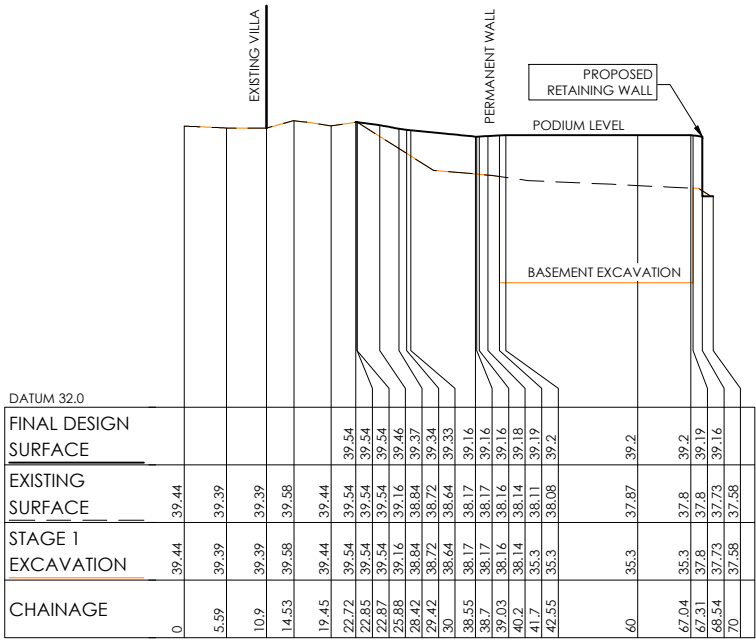


working beyond expectations



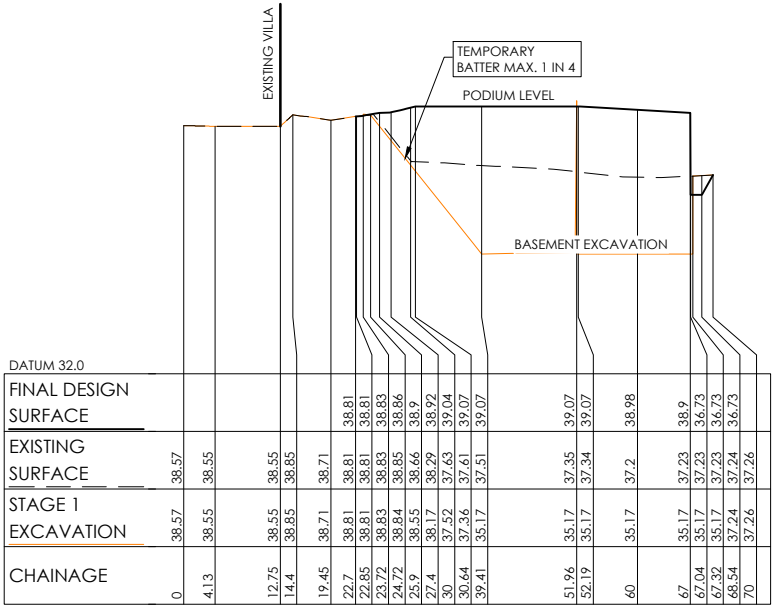
SITE SECTION SECTION 1

HORIZONTAL SCALE 1:500  
VERTICAL SCALE 1:100



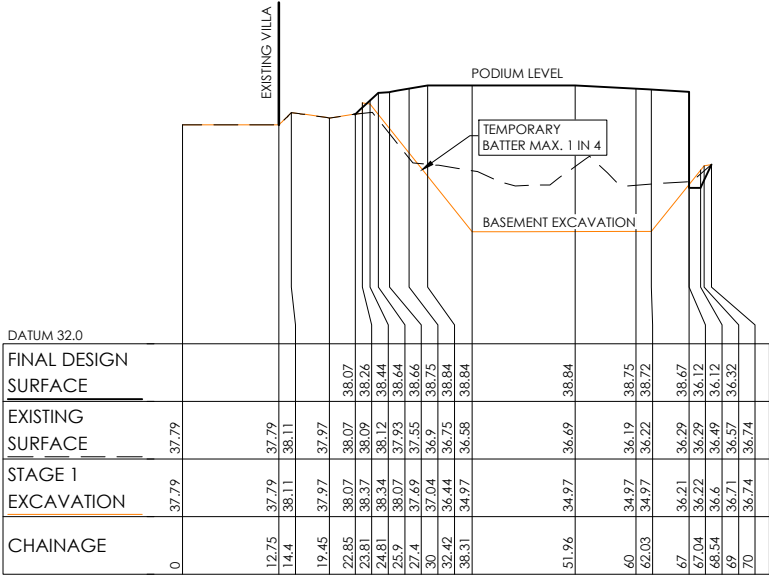
SITE SECTION SECTION A

HORIZONTAL SCALE 1:500  
VERTICAL SCALE 1:100



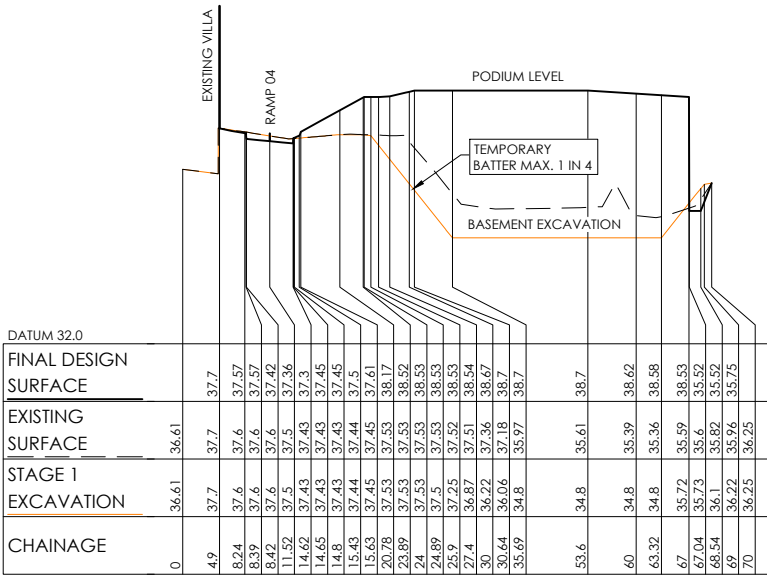
SITE SECTION SECTION B

HORIZONTAL SCALE 1:500  
VERTICAL SCALE 1:100



SITE SECTION SECTION C

HORIZONTAL SCALE 1:500  
VERTICAL SCALE 1:100



SITE SECTION SECTION D

HORIZONTAL SCALE 1:500  
VERTICAL SCALE 1:100



working beyond expectations

drawing title:

SITE SECTIONS

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

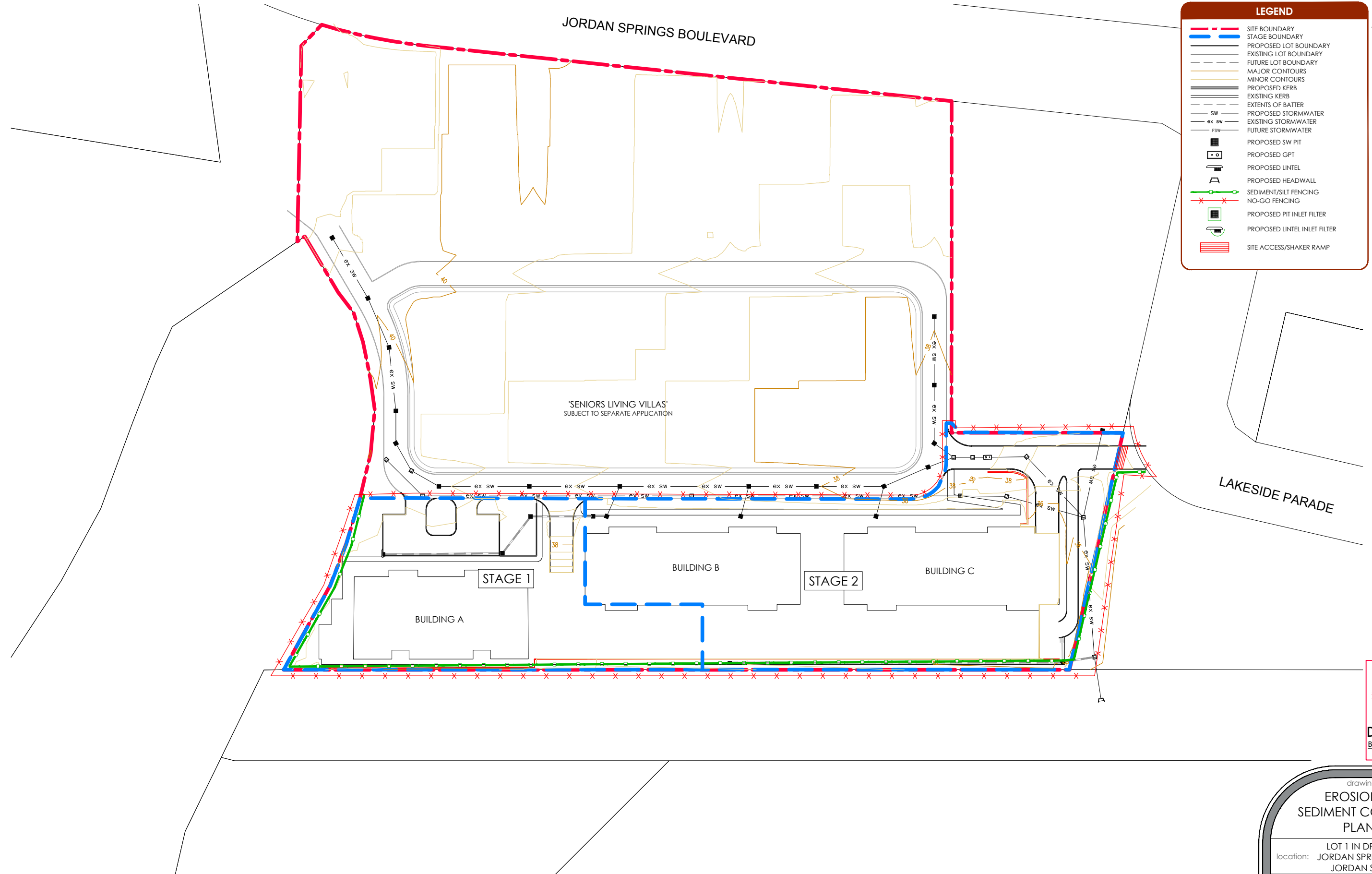
dwg ref: 300100(3)-CENG-511

client:



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EROSION & SEDIMENT CONTROL PLAN  
SCALE 1:500



| ver. | date     | comment          | drawn | pm | level information                    | scale (A1 original size)        | notes |
|------|----------|------------------|-------|----|--------------------------------------|---------------------------------|-------|
| G    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM: AHD<br>CONTOUR INTERVAL: 0.5m | A1 1:500 0 12.5 25.0m A3 1:1000 |       |

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- economic analysis
- social impact
- town planning
- surveying
- development feasibility
- visualisation
- urban design

drawing title:  
**EROSION & SEDIMENT CONTROL PLAN**

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

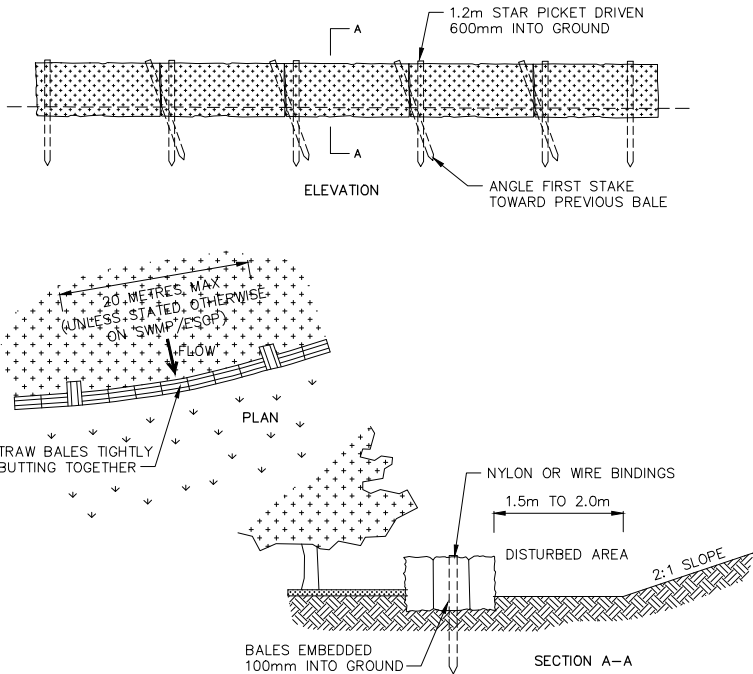
council: PENRITH

dwg ref: 300100(3)-CENG-601

client:

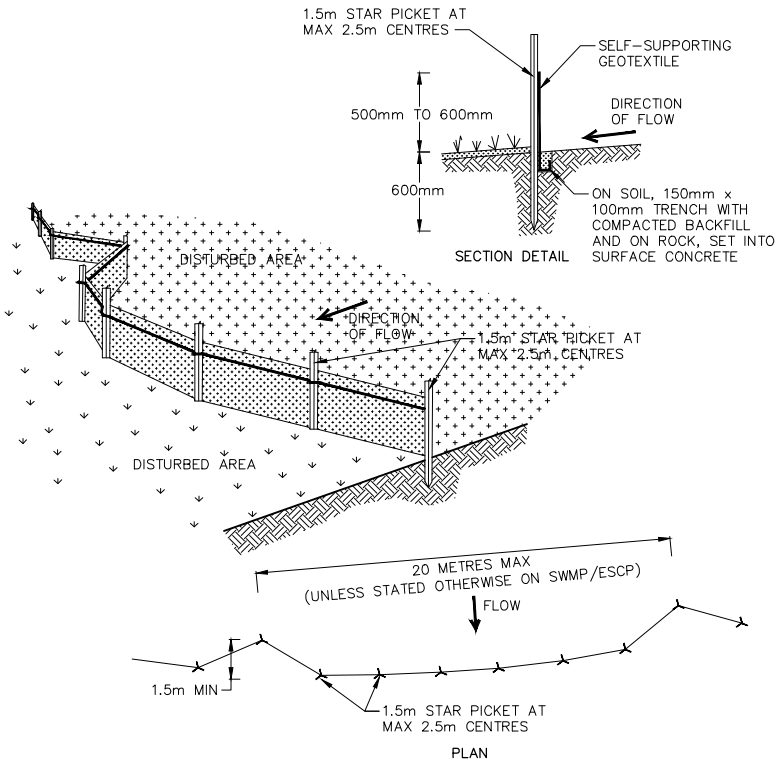
central coast office ph: (02) 4305 4300  
hunter office ph: (02) 4978 5100  
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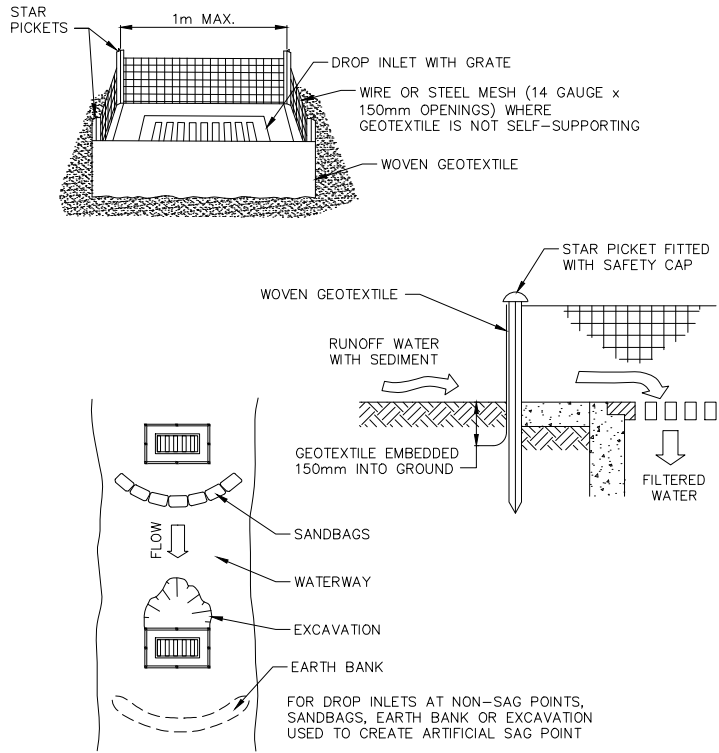
STRAW BALE FILTER (SD6-7)  
N.T.S.

- CONSTRUCTION NOTES:
1. CONSTRUCT THE STRAW BALE FILTER AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE.
  2. PLACE BALES LENGTHWISE IN A ROW WITH ENDS TIGHTLY ABUTTING. USE STRAW TO FILL ANY GAPS BETWEEN BALES. STRAWS ARE TO BE PLACED PARALLEL TO GROUND.
  3. ENSURE THAT THE MAXIMUM HEIGHT OF THE FILTER IS ONE BALE.
  4. EMBED EACH BALE IN THE GROUND 75mm TO 100mm AND ANCHOR WITH TWO 1.2m STAR PICKETS OR STAKES. ANGLE THE FIRST STAR PICKET OR STAKE IN EACH BALE TOWARDS THE PREVIOUSLY LAID BALE. DRIVE THEM 600mm IN THE GROUND AND, IF POSSIBLE, FLUSH WITH THE TOP OF THE BALES. WHERE STAR PICKETS ARE USED AND THEY PROTRUDE ABOVE THE BALES, ENSURE THEY ARE FITTED WITH SAFETY CAPS.
  5. WHERE A STRAW BALE FILTER IS CONSTRUCTED DOWNSLOPE FROM A DISTURBED BATTER, ENSURE THE BALES ARE PLACES 1 TO 2 METRES DOWNSLOPE FROM THE TOE.
  6. ESTABLISH A MAINTENANCE PROGRAM THAT ENSURES THE INTEGRITY OF THE BALES IS RETAINED – THEY COULD REQUIRE REPLACEMENT EACH TWO TO FOUR MONTHS.



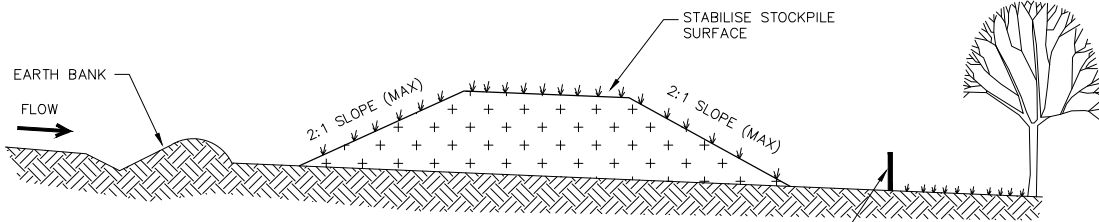
SEDIMENT FENCE (SD6-8)  
N.T.S.

- CONSTRUCTION NOTES:
1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
  2. CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
  3. DRIVE 1.5m LONG STAR PICKETS INTO GROUND AT 2.5 METRE INTERVALS (MAX) AT DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
  4. FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
  5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
  6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.



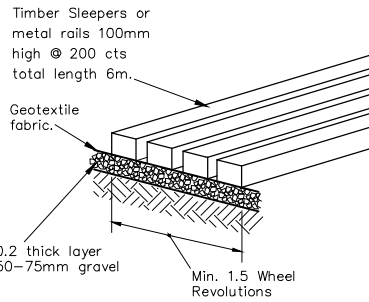
GEOTEXTILE INLET FILTER (SD6-12)  
N.T.S.

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



STOCKPILES (SD4-1)  
N.T.S.

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



SHAKER RAMP

| ver.                                                                                                                                                                                                 | date     | comment          | drawn | pm | level information           | scale (A1 original size) | notes |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-------|----|-----------------------------|--------------------------|-------|
| G                                                                                                                                                                                                    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM:<br>CONTOUR INTERVAL: | NOT TO SCALE             |       |
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drawing title:

## EROSION & SEDIMENT CONTROL DETAILS PLAN

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

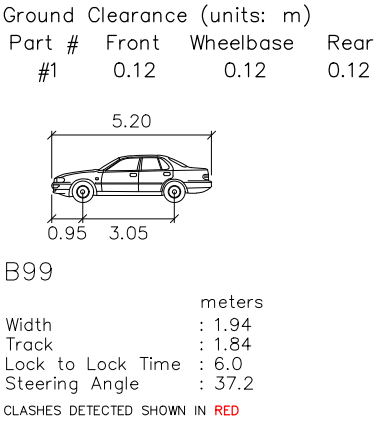
dwg ref: 300100(3)-CENG-611

client:



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drawing title:

## VERTICAL TURNING PATH

location: LOT 1 IN DP1248137  
JORDAN SPRINGS BLVD,  
JORDAN SPRINGS

council: PENRITH

dwg ref: 300100(3)-CENG-701

client:



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| ver. | date     | comment          | drawn | pm | level information           | scale (A1 original size)                                                                                                            |
|------|----------|------------------|-------|----|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| G    | 03.08.20 | MINOR AMENDMENTS | PB    | BM | DATUM:<br>CONTOUR INTERVAL: | <div> <div>0</div> <div>2.5</div> <div>5.0m</div> </div> <div> <div>A1</div> <div>1:100</div> <div>A3</div> <div>1:200</div> </div> |

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