

	DRAWING SCHEDULE
DRG No.	DRAWING TITLE
DA1.01	COVER SHEET, DRAWING SCHEDULE AND LOCALITY PLAN
DA1.11	GENERAL ARRANGEMENT PLAN
DA2.01	CONCEPT SEDIMENT AND EROSION CONTROL PLAN
DA2.11	SEDIMENT AND EROSION CONTROL DETAILS
DA2.21	BULK EARTHWORKS CUT TO FILL PLAN
DA3.01	SITEWORKS AND STORMWATER PLAN - SHEET 1
DA3.02	SITEWORKS AND STORMWATER PLAN - SHEET 2
DA3.03	SITEWORKS AND STORMWATER PLAN - SHEET 3
DA3.04	SITEWORKS AND STORMWATER PLAN - SHEET 4
DA3.05	SITEWORKS AND STORMWATER PLAN - SHEET 5
DA3.06	SITEWORKS AND STORMWATER PLAN - SHEET 6
DA3.21	ROAD LONGITUDINAL SECTIONS - SHEET 1
DA3.22	ROAD LONGITUDINAL SECTIONS - SHEET 2
DA3.23	ROAD LONGITUDINAL SECTIONS - SHEET 3
DA3.24	ROAD LONGITUDINAL SECTIONS - SHEET 4
DA3.25	ROAD LONGITUDINAL SECTIONS - SHEET 5
DA3.26	ROAD LONGITUDINAL SECTIONS - SHEET 6
DA3.31	RIPARIAN CORRIDOR LONGITUDINAL SECTION
DA4.01	CATCHMENT PLAN
DA4.11	STORMWATER PIT SCHEDULE
DA5.01	OSD DETAILS SHEET 1
DA5.02	OSD DETAILS SHEET 2
DA6.01	TYPICAL CROSS SECTIONS

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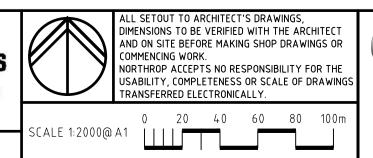
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3	REVISED LAYOUT	D.T		S.N	09.03.18	
4	AMENDED LAYOUT	D.T		S.N	11.04.18	
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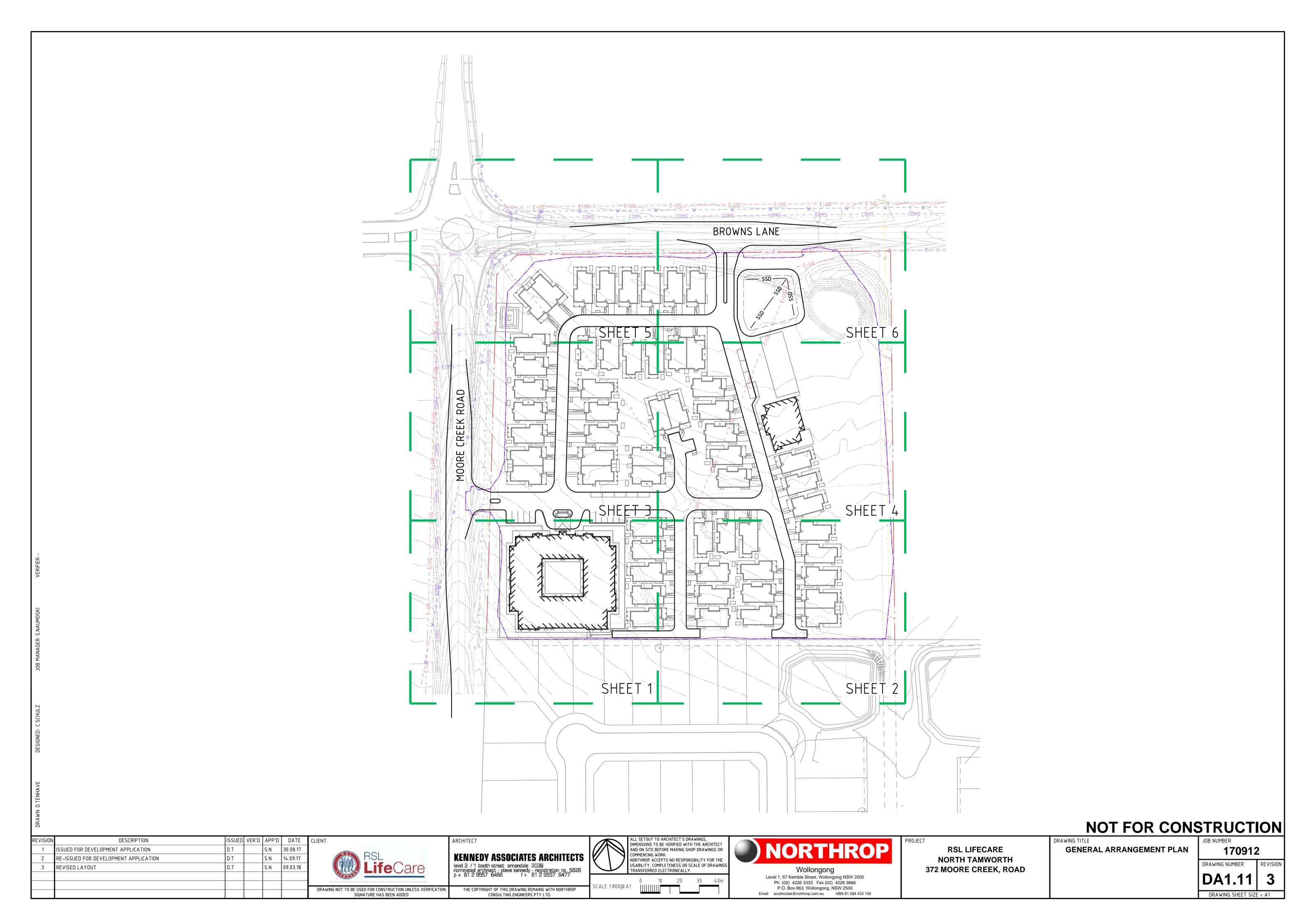


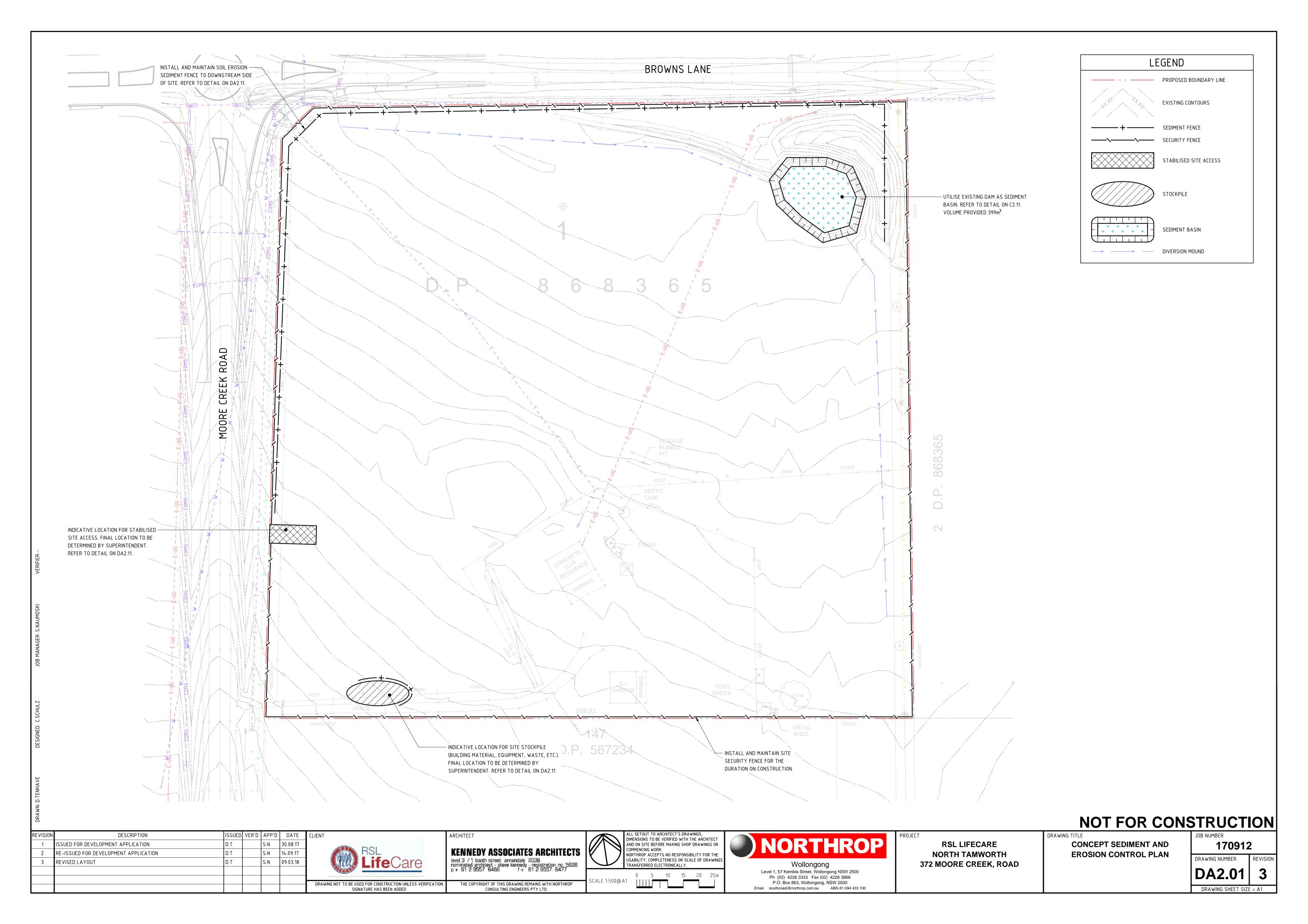
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RSL LIFECARE NORTH TAMWORTH 372 MOORE CREEK, ROAD **COVER SHEET, DRAWING SCHEDULE AND LOCALITY PLAN**

170912

DRAWING NUMBER DRAWING SHEET SIZE = A1





1. PLACE STOCKPILES MORE THAN 2m (PREFERABLY 5m) FROM EXISTING VEGETATION, CONCENTRATED WATER

WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED ESCP

5. CONSTRUCT EARTH BANKS (STANDARD DRAWING 5-5) ON THE UPSLOPE SIDE TO DIVERT WATER AROUND

STOCKPILES (SD 4-1)

1.5m STAR PICKETS AT

MAX 2.5m CENTERS -

600 †0 600mm

SELF-SUPPORTING

ON SOIL, 150mm×100mm

TRENCH WITH COMPACTED

INTO SURFACE CONCRETE.

— STAR PICKETS AT MAX

2.5m CENTERS

BACKFILL AND ON ROCK, SET

GEOTEXTILE

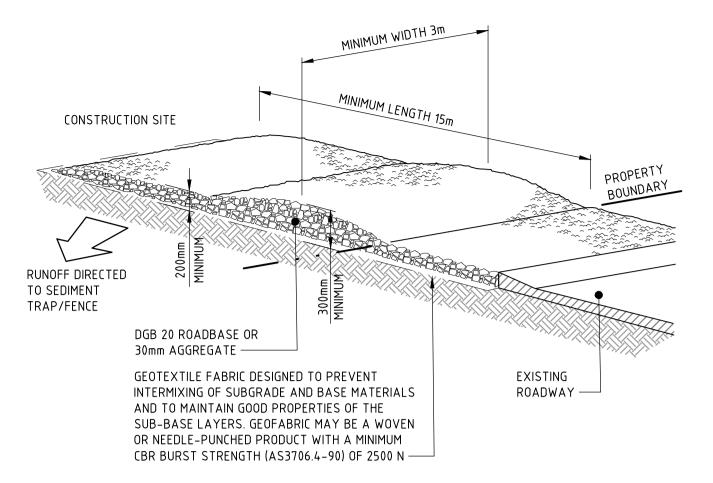
DIRECTION

OF FLOW

SECTION DETAIL

3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2m IN HEIGHT.

STOCKPILES AND SEDIMENT FENCES (STANDARD DRAWING 6-8) 1 TO 2m DOWNSLOPE.



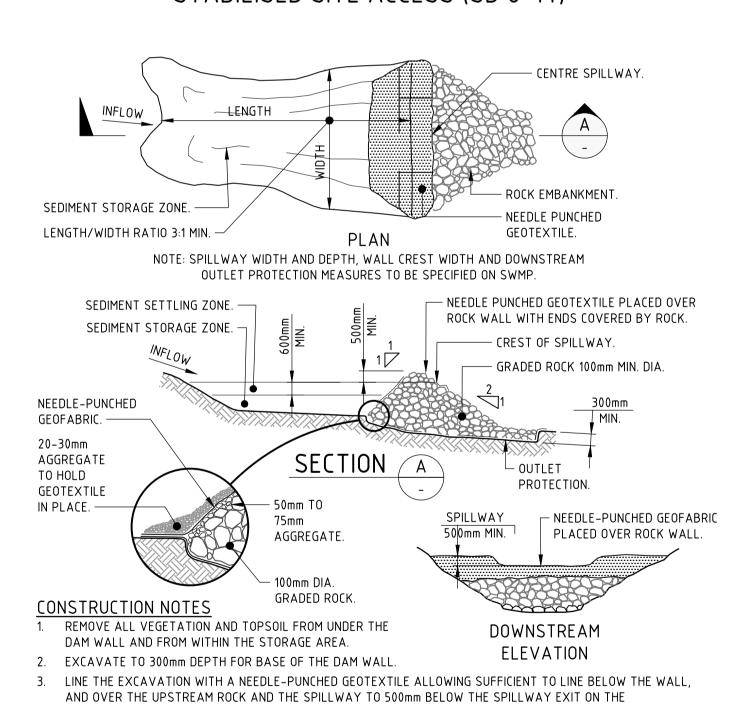
CONSTRUCTION NOTES

- 1. STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT THE SUBGRADE.
- 2. COVER THE AREA WITH NEEDLE-PUNCHED GEOTEXTILE.

TO DIVERT WATER TO THE SEDIMENT FENCE.

- 3. CONSTRUCT A 200mm THICK PAD OVER THE GEOTEXTILE USING ROAD BASE OR 30mm AGGREGATE.
- 4. ENSURE THE STRUCTURE IS AT LEAST 15 METRES LONG OR TO BUILDING ALIGNMENT AND AT LEAST 3 METRES
- WIDE. 5. WHERE A SEDIMENT FENCE JOINS ONTO THE STABILISED ACCESS, CONSTRUCT A HUMP IN THE STABILISED ACCESS

STABILISED SITE ACCESS (SD 6-14)



CONSTRUCTION NOTES

CONSTRUCTION NOTES

FLOW, ROADS AND HAZARD AREAS.

2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.

- 1.5m STAR PICKETS AT

DIRECTION

OF FLOW

MAX 2.5m CENTERS

OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.

I. 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.

20m MAX (UNLESS STATED OTHERWISE ON

SWMP/ESCP)

FLOW

PLAN

- 2. CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
- 3. DRIVE 1.5 METRE LONG STAR PICKETS INTO GROUND AT 2.5 METRE INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
- 4. FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY
- 5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
- 6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.

SEDIMENT FENCE (SD 6-8)

(APPLIES TO 'TYPE C' SOILS ONLY) ROCK SEDIMENT BASIN (SD 6-1)

4. MAKE UP THE WALL PROFILE AND OUTLET PROTECTION WITH 100mm (MIN.) DIAMETER GRADED ROCK. SPREAD A LAYER OF 50mm TO 75mm DIAMETER AGGREGATE OVER THE UPSTREAM BATTER FOR A MORE EVEN SURFACE,

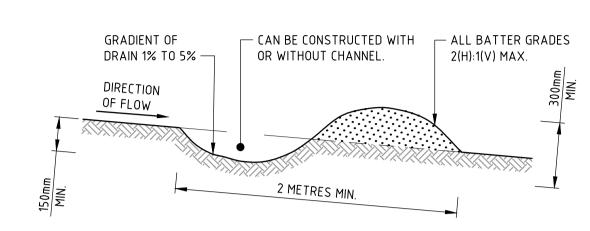
AND ADD 100mm TO 150mm OF 20mm TO 30mm GRAVEL OVER THE 50mm TO 75mm DIAMETER AGGREGATE.

5. LAY GEOTEXTILE OVER THE UPSTREAM BATTER AND THROUGH THE SPILLWAY, FIXING IN PLACE WITH 100mm

6. PLACE A "FULL OF SEDIMENT" MARKER TO SHOW WHEN LESS THAN DESIGN CAPACITY OCCURS AND SEDIMENT

7. REPLACE THE UPSTREAM GEOTEXTILE LAYER EACH TIME SEDIMENT IS REMOVED.

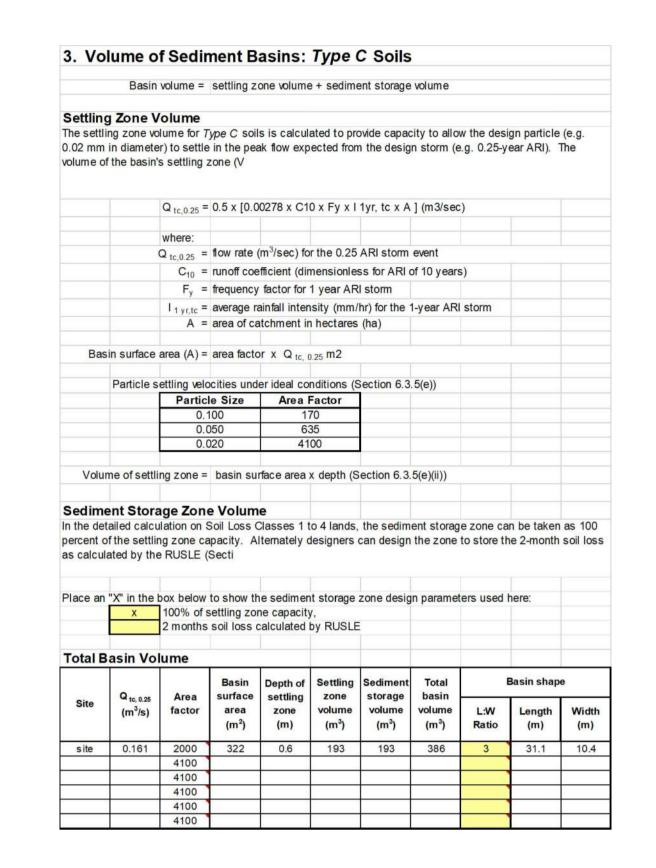
ARCHITECT



CONSTRUCTION NOTES

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

NOTE: ONLY TO BE USED AS TEMPORARY BANK WHERE MAXIMUM UPSLOPE LENGTH IS 80 METRES. EARTH BANK - LOW FLOW (SD 5-5)



DESCRIPTION SSUED FOR DEVELOPMENT APPLICATION 30.08.17 S.N 14.09.17 RE-ISSUED FOR DEVELOPMENT APPLICATION REVISED LAYOUT 09.03.18

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DOWNSTREAM FACE.

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NORTH TAMWORTH 372 MOORE CREEK, ROAD

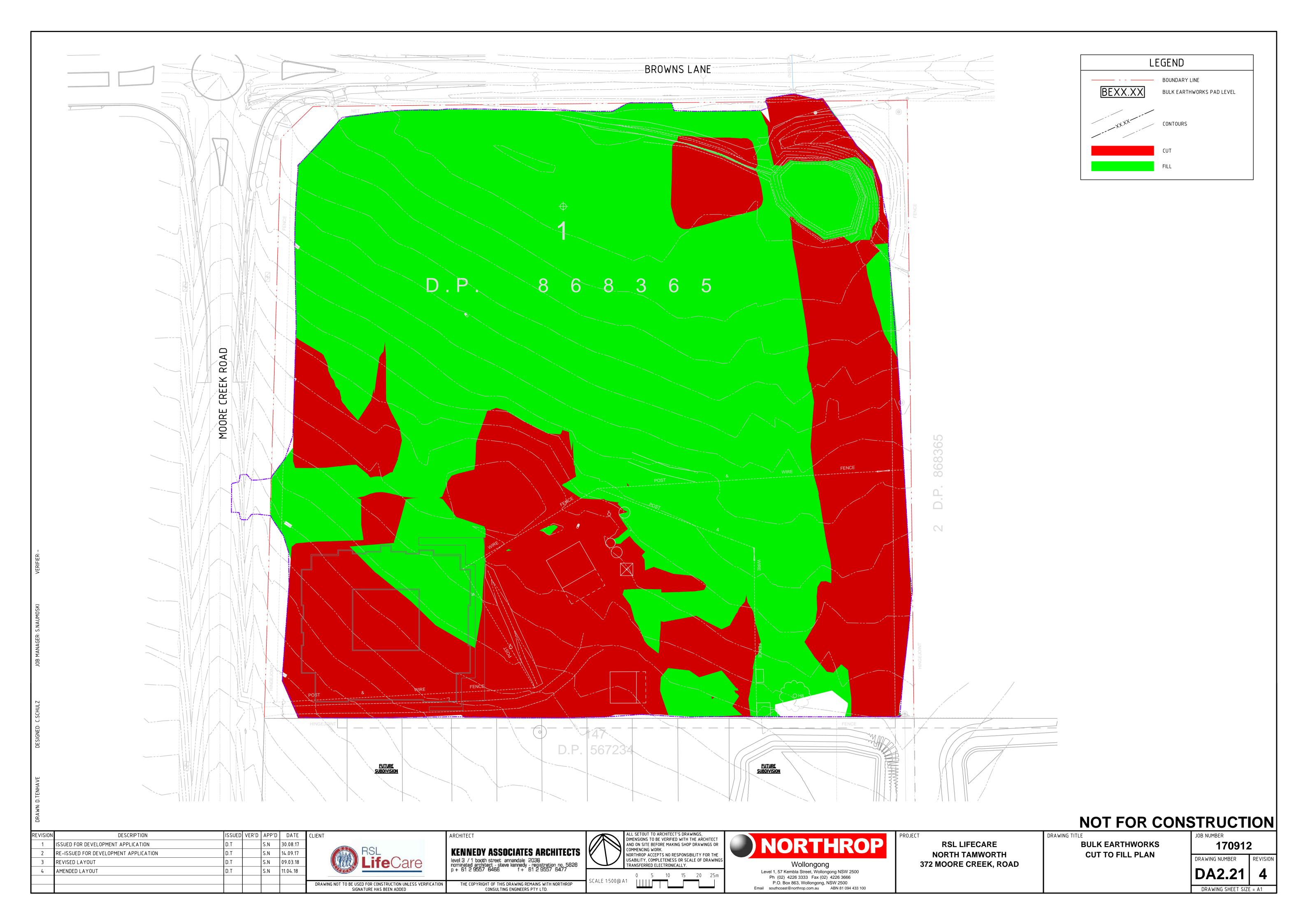
DRAWING TITLE **RSL LIFECARE**

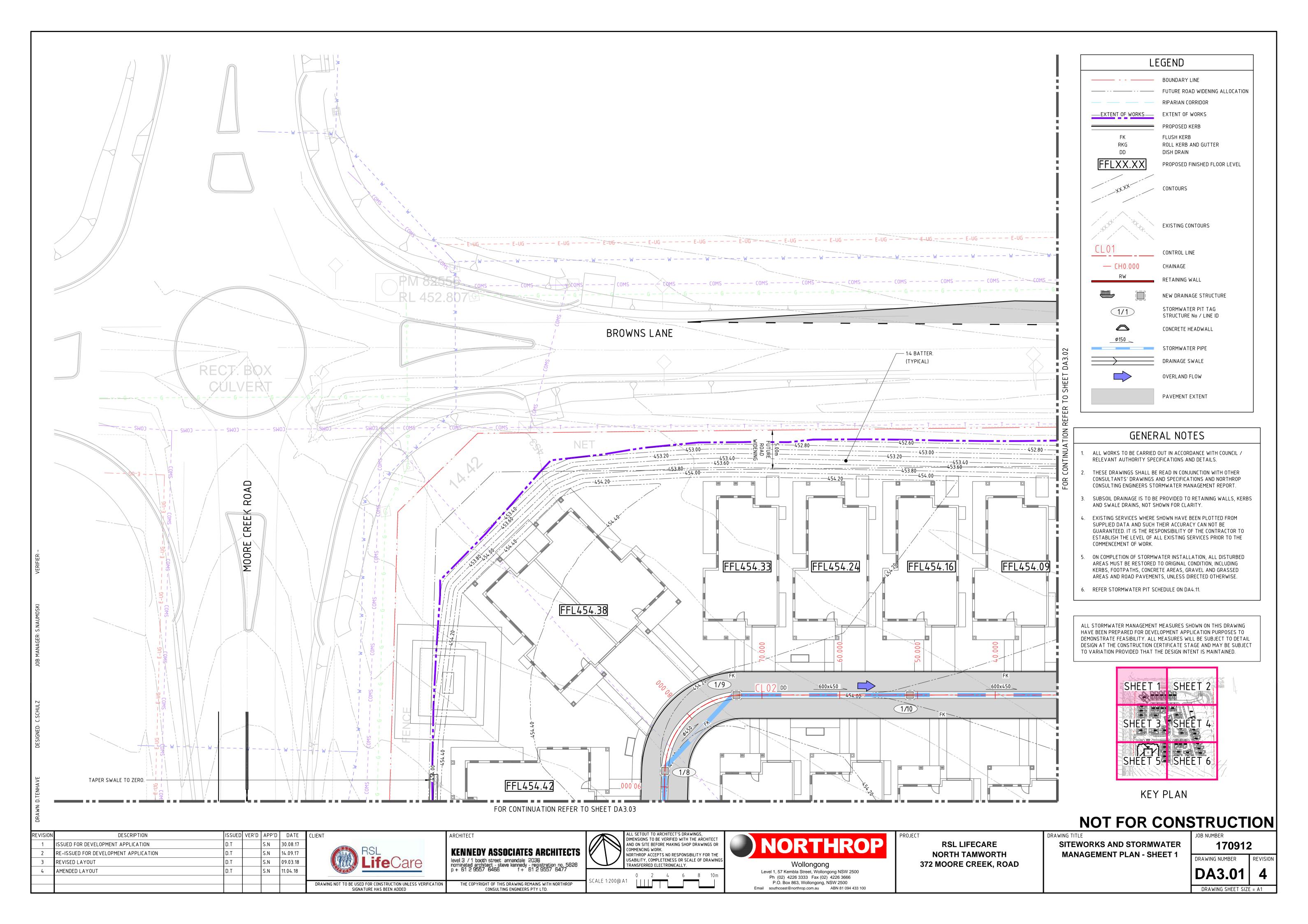
SEDIMENT AND EROSION **CONTROL DETAILS**

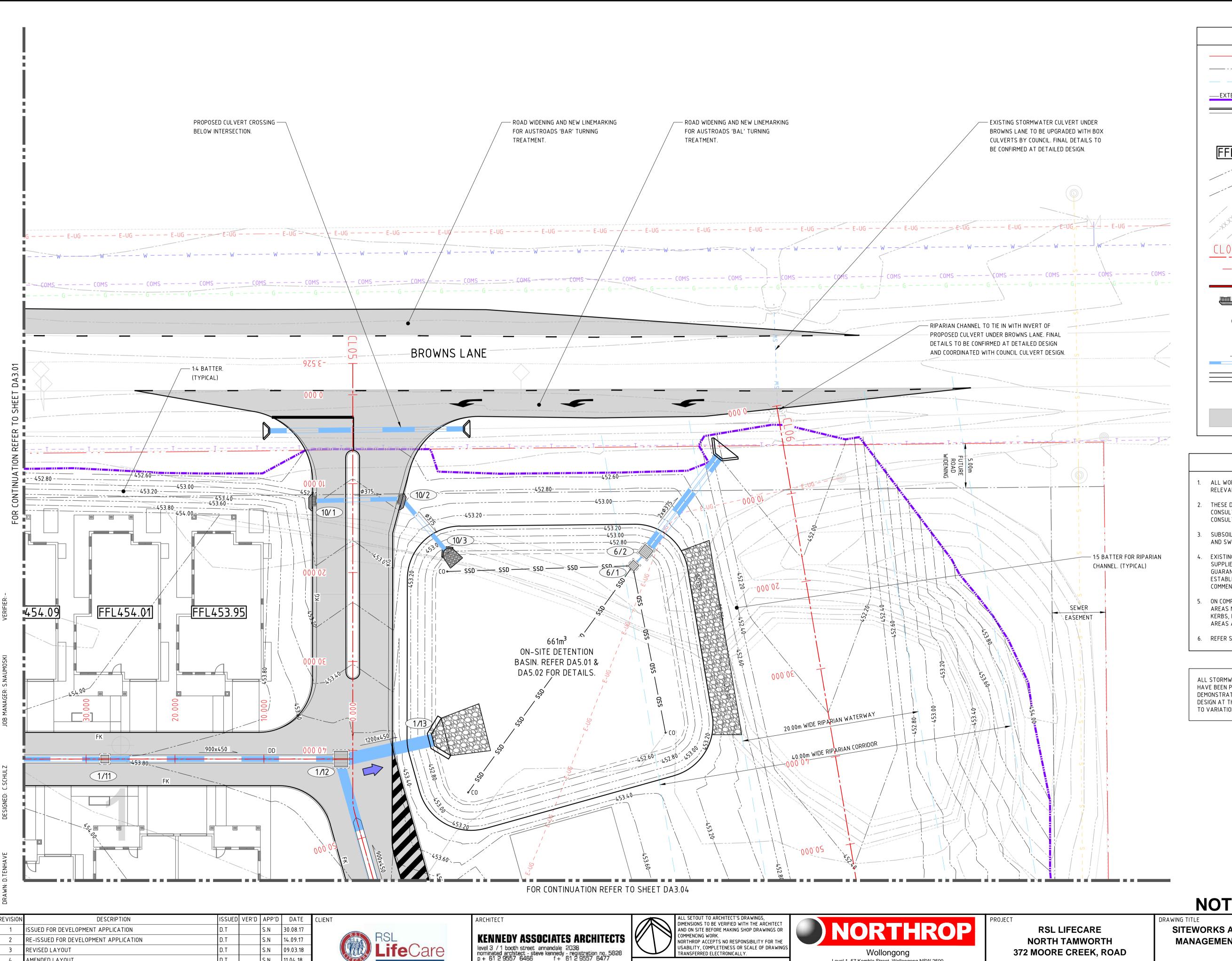
170912

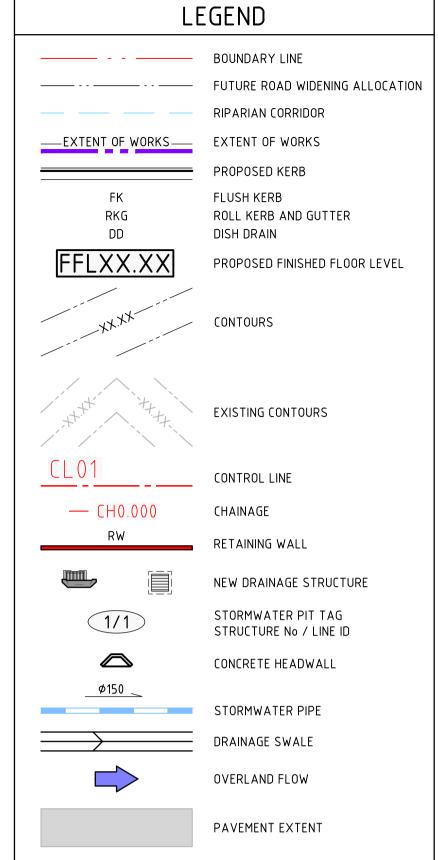
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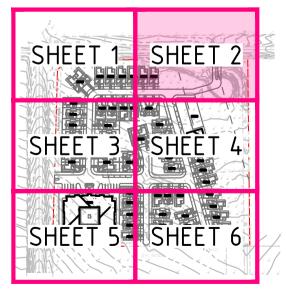




GENERAL NOTES

- 1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL / RELEVANT AUTHORITY SPECIFICATIONS AND DETAILS.
- 2. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND NORTHROP CONSULTING ENGINEERS STORMWATER MANAGEMENT REPORT.
- SUBSOIL DRAINAGE IS TO BE PROVIDED TO RETAINING WALLS, KERBS AND SWALE DRAINS, NOT SHOWN FOR CLARITY.
- 4. EXISTING SERVICES WHERE SHOWN HAVE BEEN PLOTTED FROM SUPPLIED DATA AND SUCH THEIR ACCURACY CAN NOT BE GUARANTEED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF WORK.
- 5. ON COMPLETION OF STORMWATER INSTALLATION, ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL CONDITION, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED AREAS AND ROAD PAVEMENTS, UNLESS DIRECTED OTHERWISE.
- 6. REFER STORMWATER PIT SCHEDULE ON DA4.11.

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



KEY PLAN

NOT FOR CONSTRUCTION

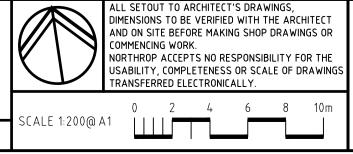
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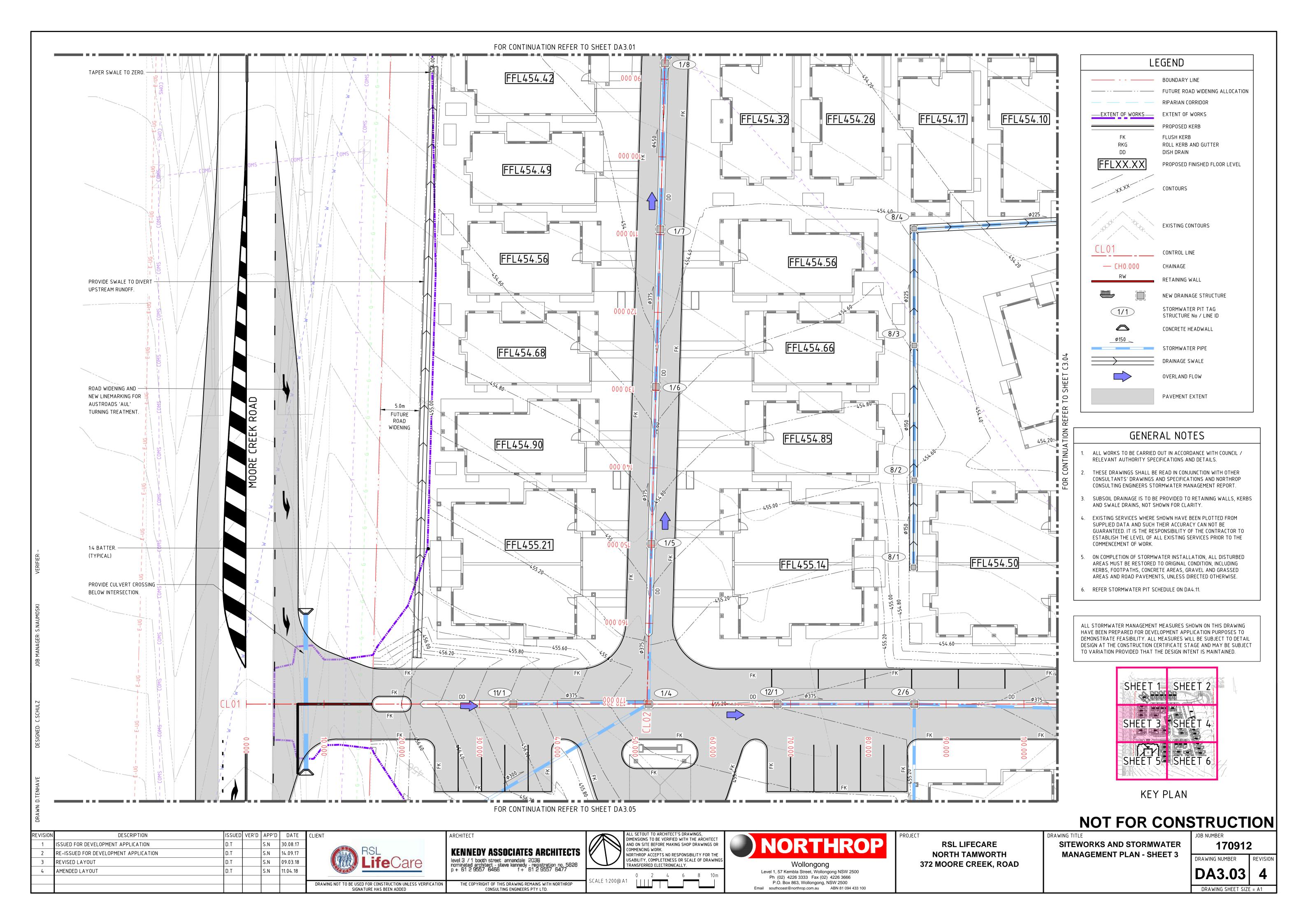
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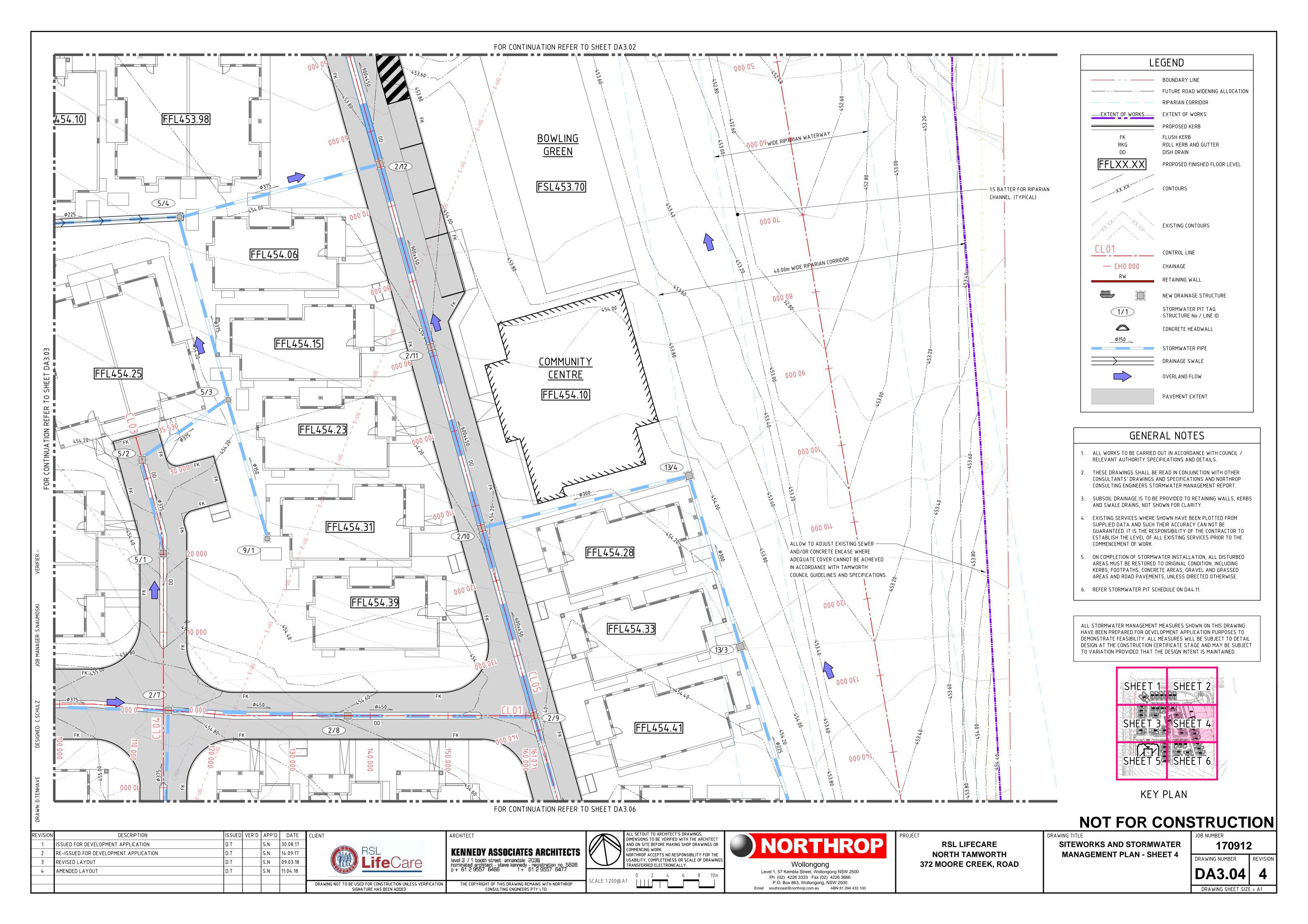
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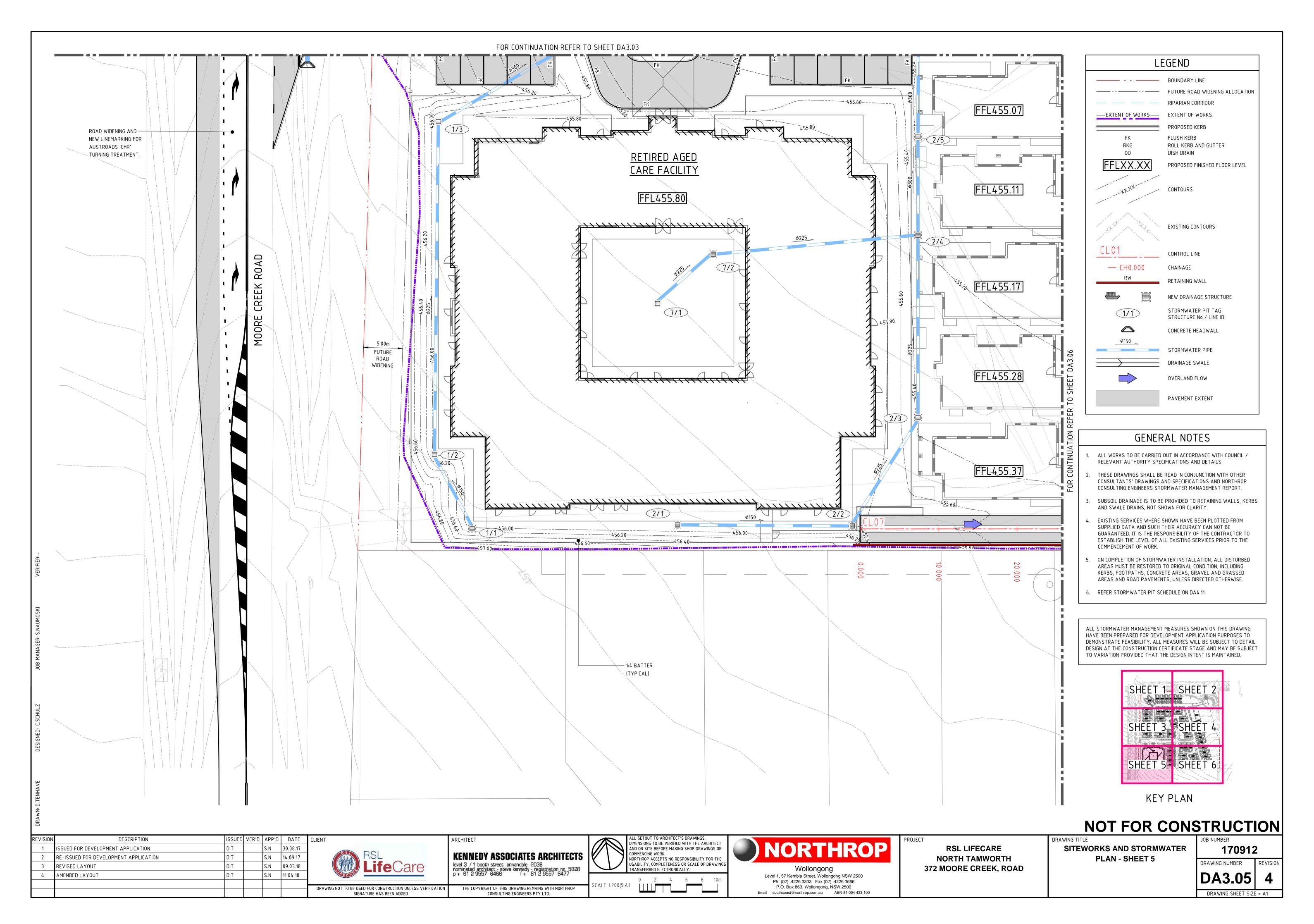
MANAGEMENT PLAN - SHEET 2

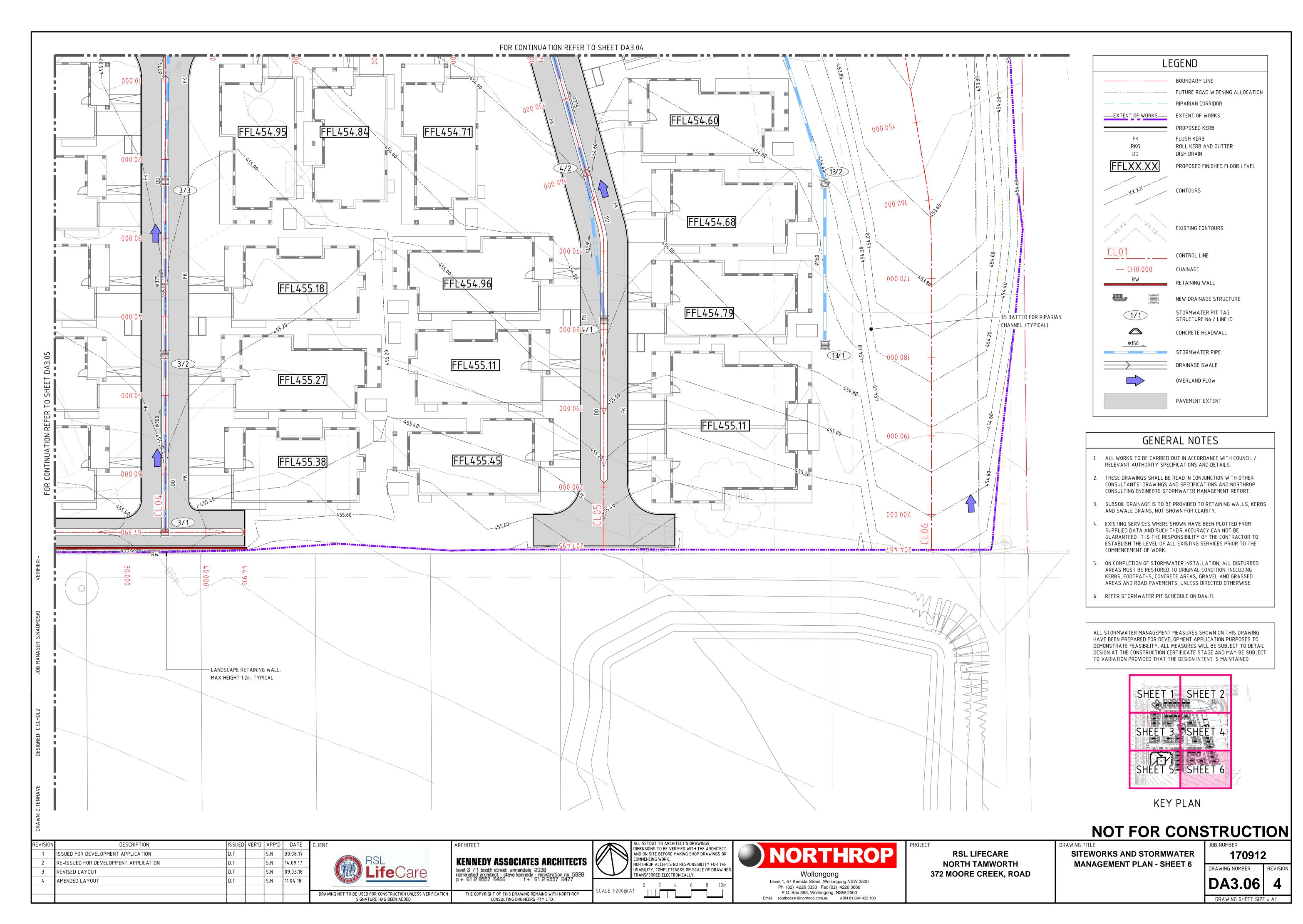
SITEWORKS AND STORMWATER 170912





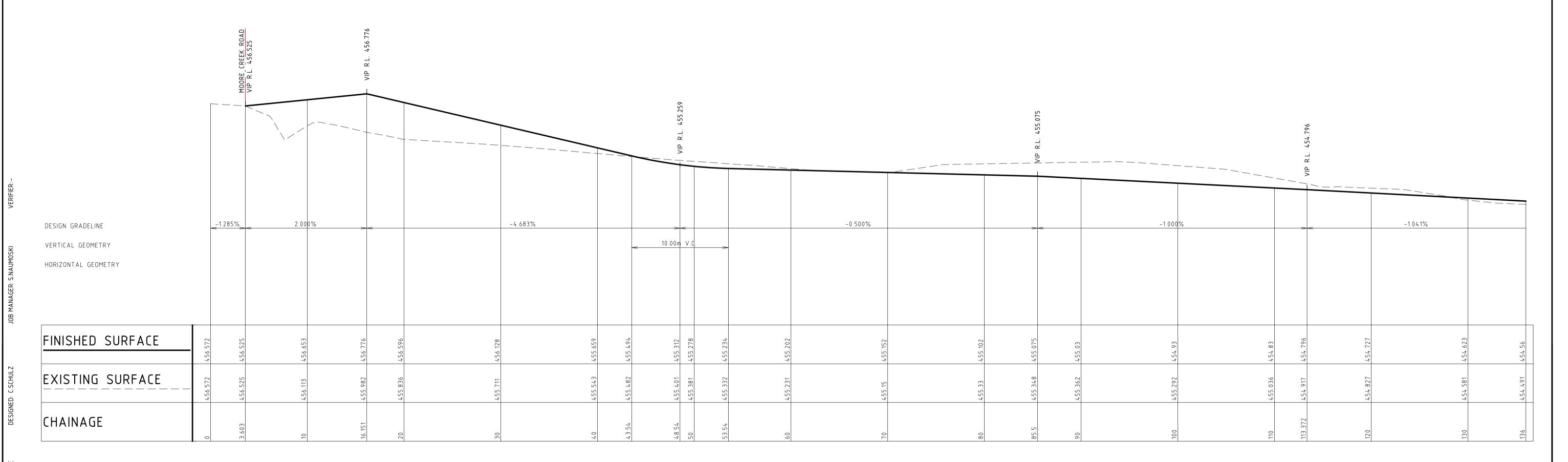






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DESIGN GRADELINE VERTICAL GEOMETRY HORIZONTAL GEOMETRY			-1.041%		
FINISHED SURFACE	454.612	454.519	454,415	454.311	
EXISTING SURFACE	724.56	697.757	454.388		243
CHAINAGE	131	14.0	150	160	161.071

HORIZONTAL SCALE 1:200@A1 VERTICAL SCALE 1:40@A1



LONGITUDINAL SECTION ALONG CL01

HORIZONTAL SCALE 1:200@A1 VERTICAL SCALE 1:40@A1

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nominated architect - steve kennedy - registration no. 5828
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RSL LIFECARE NORTH TAMWORTH 372 MOORE CREEK, ROAD ROAD LONGITUDINAL SECTIONS
SHEET 1

JOB NUMBER

170912

DRAWING NUMBER REVISION

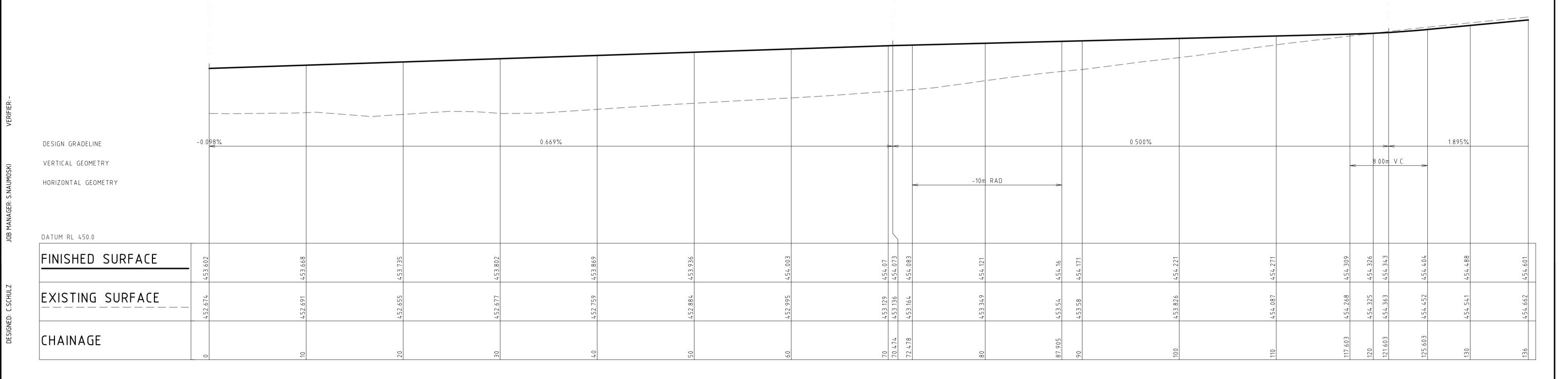
DRAWING NUMBER REVISION

DRAWING SHEET SIZE = A1

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DESIGN GRADELINE			1.895%		>
VERTICAL GEOMETRY					
HORIZONTAL GEOMETRY					
DATUM RL 452.0					
FINISHED SURFACE	.507	677	.867	056	246
	757	757	757	455	455
EXISTING SURFACE	454.561	454.758	455.064	455.237	455.352
CHAINAGE	131	07	020	091	170

HORIZONTAL SCALE 1:200@A1 VERTICAL SCALE 1:40@A1

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LONGITUDINAL SECTION ALONG CL02

HORIZONTAL SCALE 1:200@A1 VERTICAL SCALE 1:40@A1

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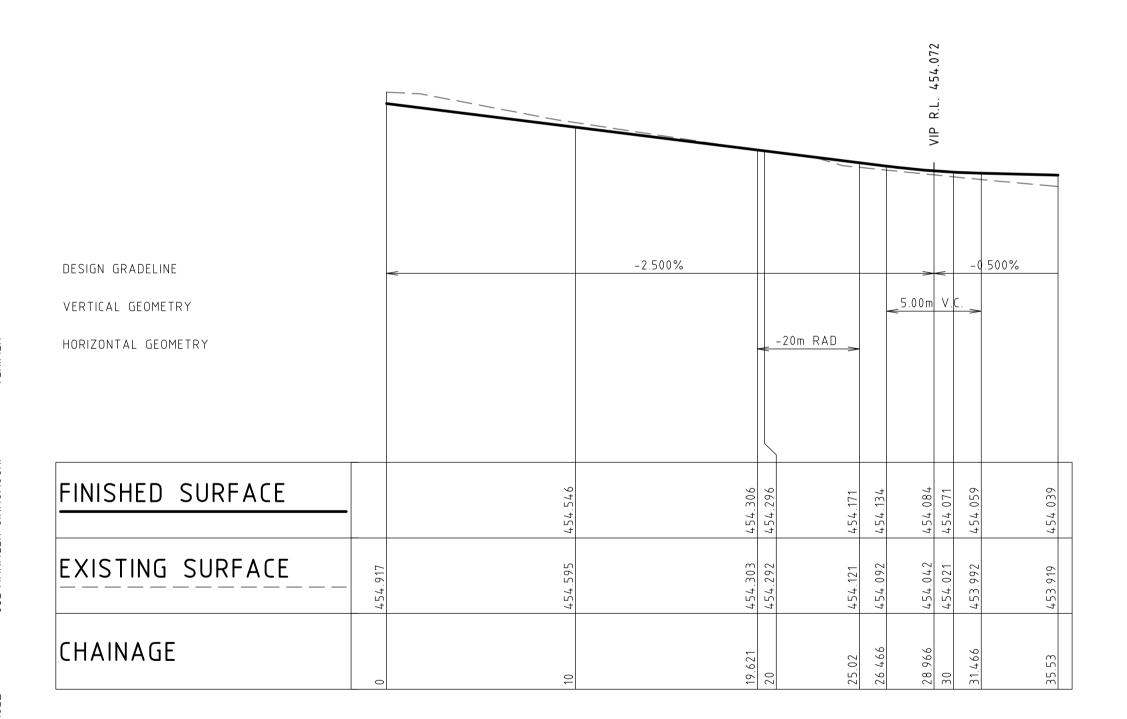


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RSL LIFECARE NORTH TAMWORTH 372 MOORE CREEK, ROAD **ROAD LONGITUDINAL SECTIONS** SHEET 2

170912

DRAWING NUMBER



HORIZONTAL SCALE 1:200@A1 VERTICAL SCALE 1:40@A1

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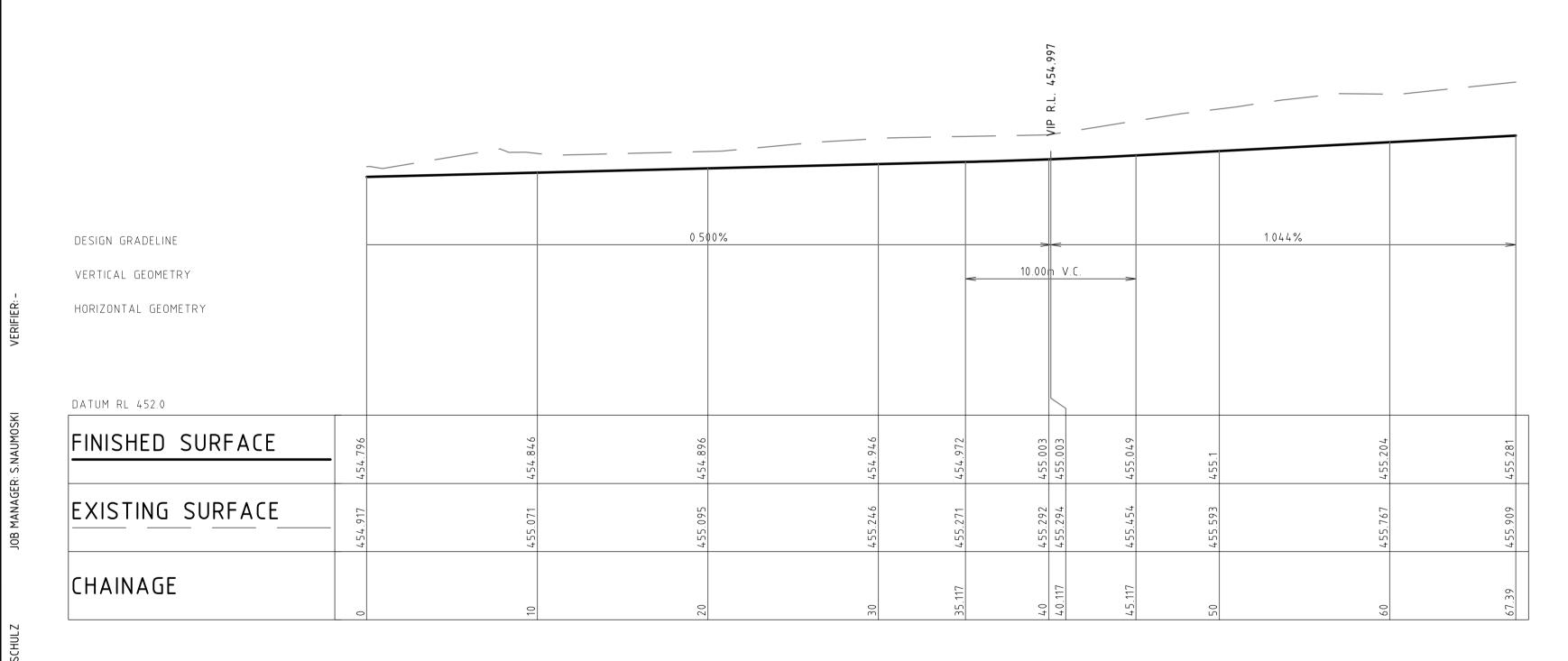
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ROAD LONGITUDINAL SECTIONS SHEET 3

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HORIZONTAL SCALE 1:200@A1 VERTICAL SCALE 1:40@A1

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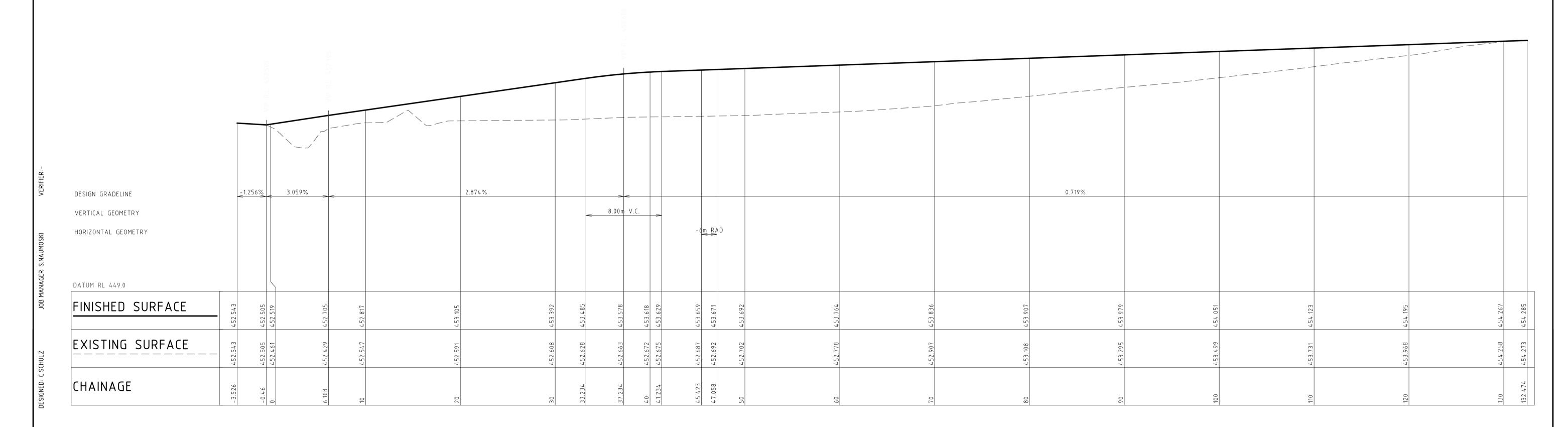
RSL LIFECARE NORTH TAMWORTH 372 MOORE CREEK, ROAD SHEET 4

ROAD LONGITUDINAL SECTIONS

NOT FOR CONSTRUCTION 170912 DRAWING NUMBER

0.719% 2.997% 1.000% DESIGN GRADELINE VERTICAL GEOMETRY HORIZONTAL GEOMETRY DATUM RL 451.0 FINISHED SURFACE EXISTING SURFACE CHAINAGE

LONGITUDINAL SECTION ALONG CL05 VERTICAL SCALE 1:40@A1



LONGITUDINAL SECTION ALONG CL05

VERTICAL SCALE 1:40@A1

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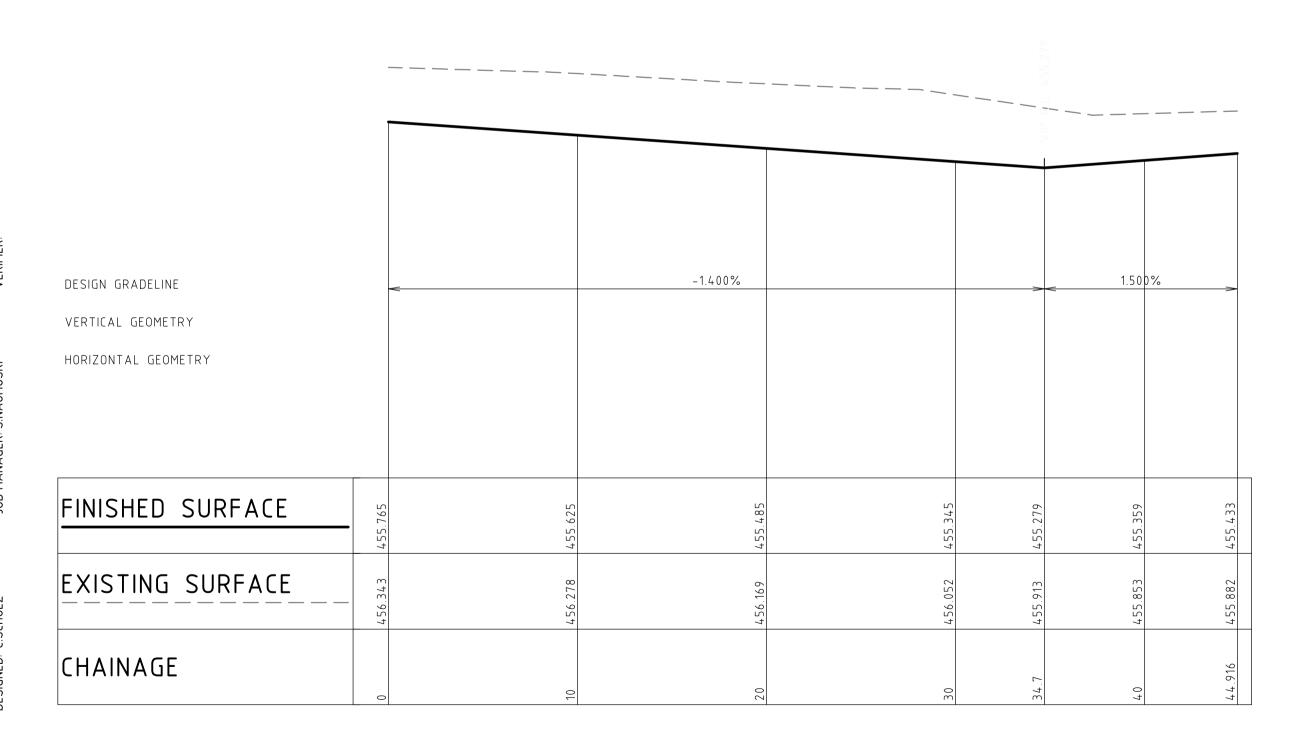
level 3 / 1 booth street annandale 2038 nominated architect - steve kennedy - registration no. 5828 p + 61 2 9557 6466 f + 61 2 9557 6477 S.N 09.03.18 3 REVISED LAYOUT S.N 11.04.18 4 AMENDED LAYOUT THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED CONSULTING ENGINEERS PTY LTD.

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NORTH TAMWORTH 372 MOORE CREEK, ROAD ROAD LONGITUDINAL SECTIONS SHEET 5

170912 DRAWING NUMBER



HORIZONTAL SCALE 1:200@A1 VERTICAL SCALE 1:40@A1

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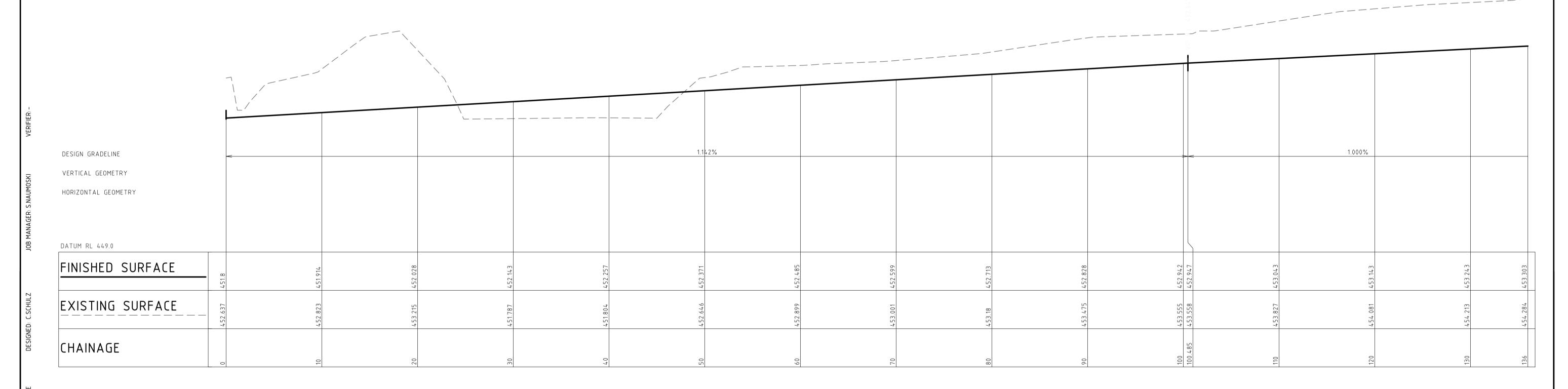
RSL LIFECARE NORTH TAMWORTH 372 MOORE CREEK, ROAD SHEET 6

NOT FOR CONSTRUCTION ROAD LONGITUDINAL SECTIONS

170912 DRAWING NUMBER

LONGITUDINAL SECTION ALONG RIPARIAN CHANNEL INVERT (CL06)

VERTICAL SCALE 1:40@A1



LONGITUDINAL SECTION ALONG RIPARIAN CHANNEL INVERT (CL06)

VERTICAL SCALE 1:40@A1

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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
1	ISSUED FOR DEVELOPMENT APPLICATION	D.T		S.N	30.08.17
2	RE-ISSUED FOR DEVELOPMENT APPLICATION	D.T		S.N	14.09.17
3	REVISED LAYOUT	D.T		S.N	09.03.18
4	AMENDED LAYOUT	D.T		S.N	11.04.18

DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED

KENNEDY ASSOCIATES ARCHITECTS

level 3 / 1 booth street annandale 2038
nominated architect - steve kennedy - registration no. 5828
p + 61 2 9557 6466 f + 61 2 9557 6477

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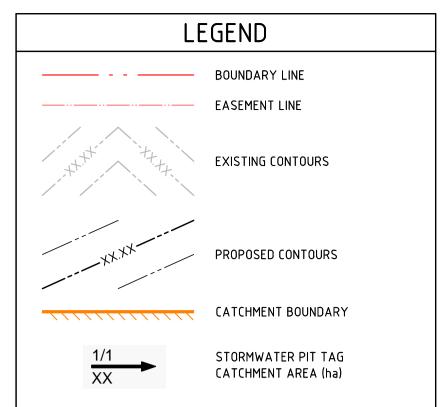
RSL LIFECARE NORTH TAMWORTH 372 MOORE CREEK, ROAD RIPARIAN CORRIDOR
LONGITUDINAL SECTION

N CORRIDOR 170912

DA3.31 REVISION

DRAWING SHEET SIZE = A1





GENERAL NOTES

- 1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL / RELEVANT AUTHORITY SPECIFICATIONS AND DETAILS.
- 2. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND NORTHROP CONSULTING ENGINEERS STORMWATER MANAGEMENT REPORT.

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SSUED FOR DEVELOPMENT APPLICATION 30.08.17 RE-ISSUED FOR DEVELOPMENT APPLICATION S.N 14.09.17 09.03.18 3 REVISED LAYOUT

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KENNEDY ASSOCIATES ARCHITECTS level 3 / 1 booth street annandale 2038 nominated architect - steve kennedy - registration no. 5828 p + 61 2 9557 6466 f + 61 2 9557 6477

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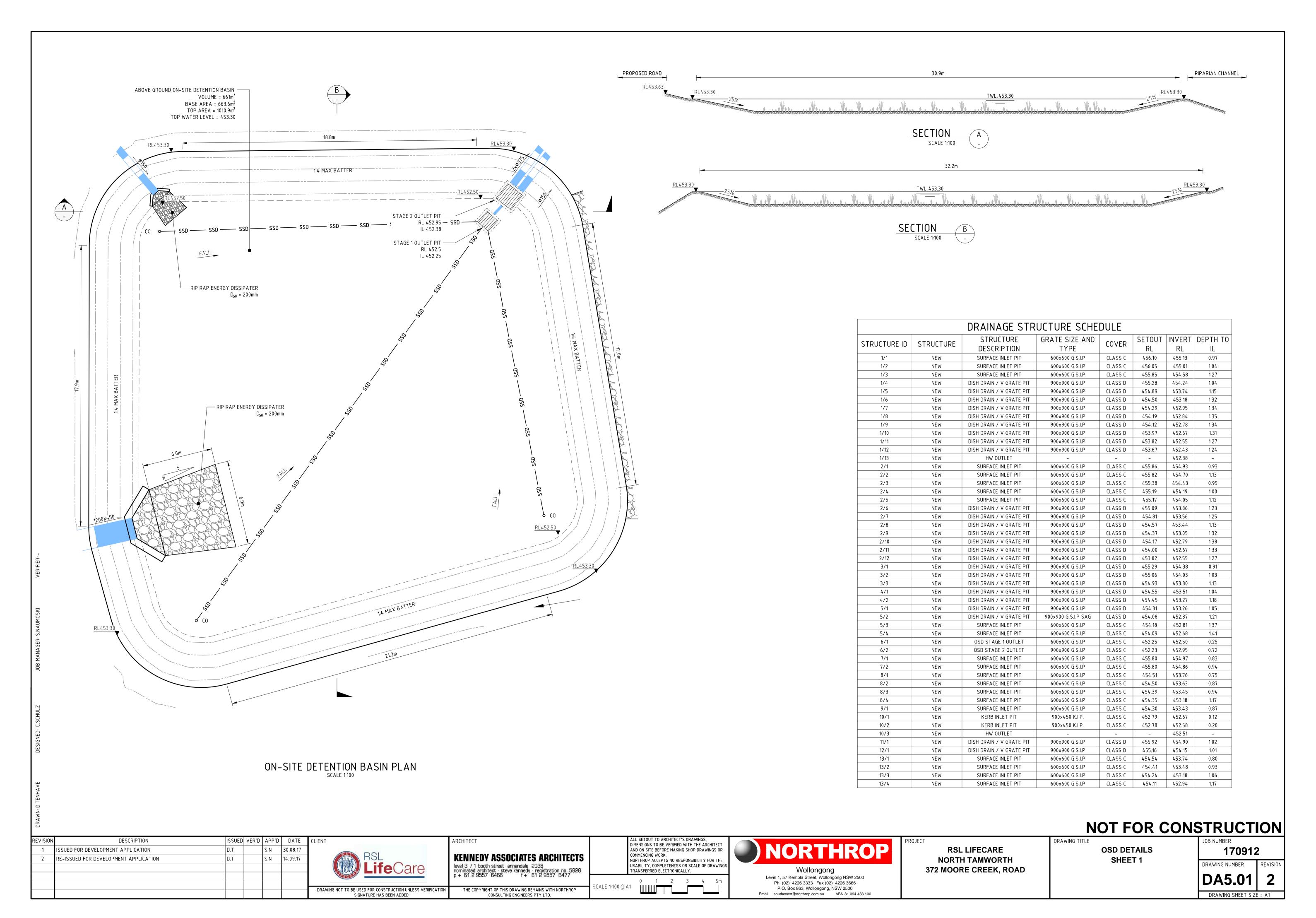


Wollongong
Level 1, 57 Kembla Street, Wollongong NSW 2500
Ph (02) 4226 3333 Fax (02) 4226 3666 P.O. Box 863, Wollongong, NSW 2500
Email southcoast@northrop.com.au ABN 81 094 433 100

RSL LIFECARE NORTH TAMWORTH 372 MOORE CREEK, ROAD DRAWING TITLE

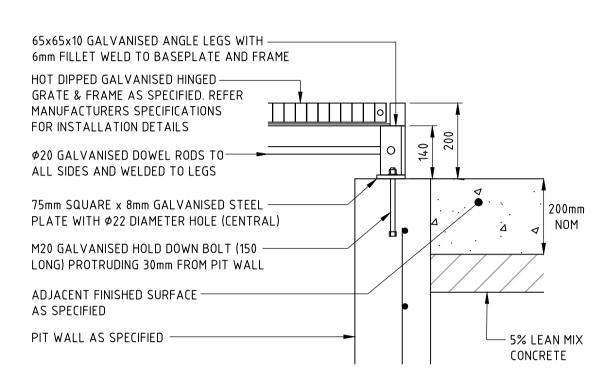
CATCHMENT PLAN

170912 DRAWING NUMBER

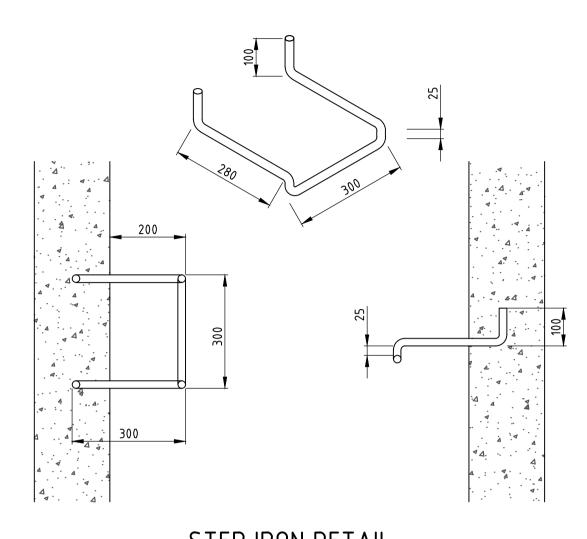


THAT OF THE ORIFICE

TRASH SCREEN DETAIL

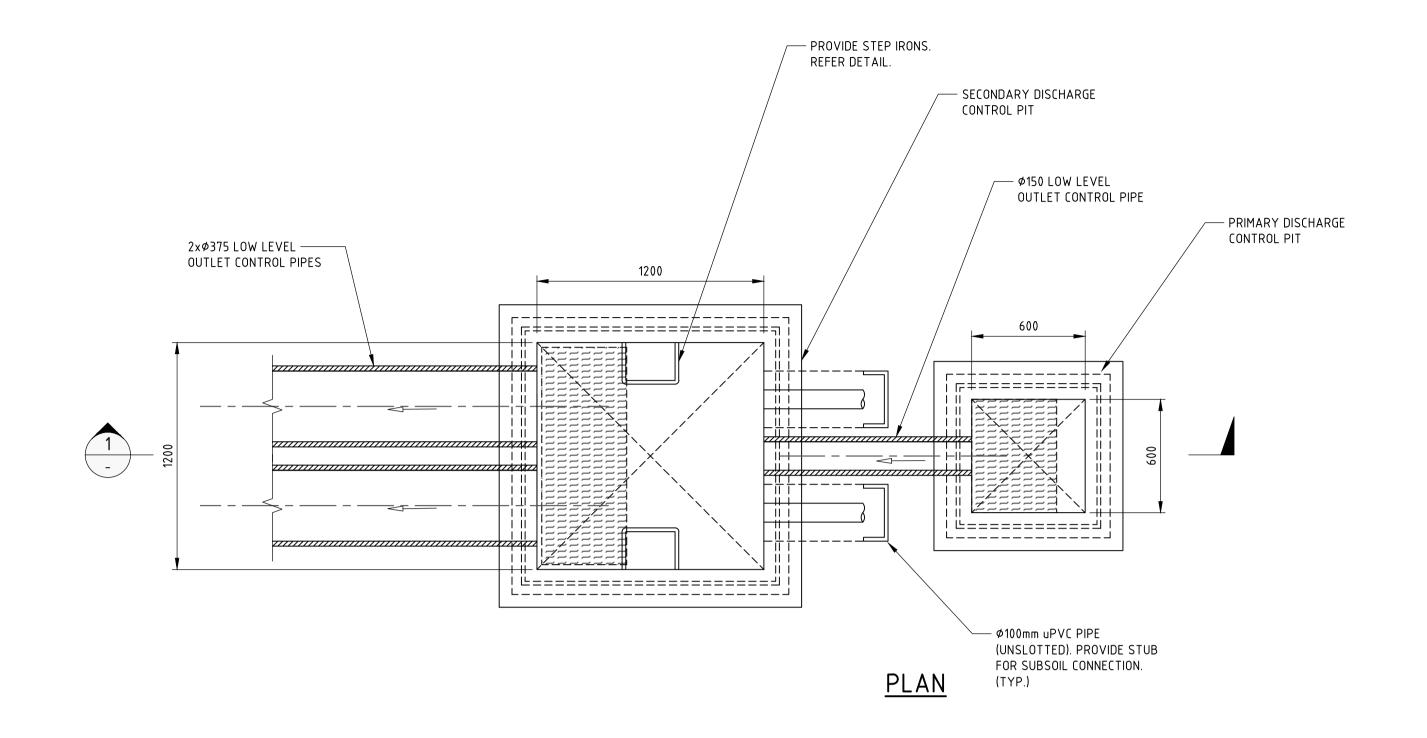


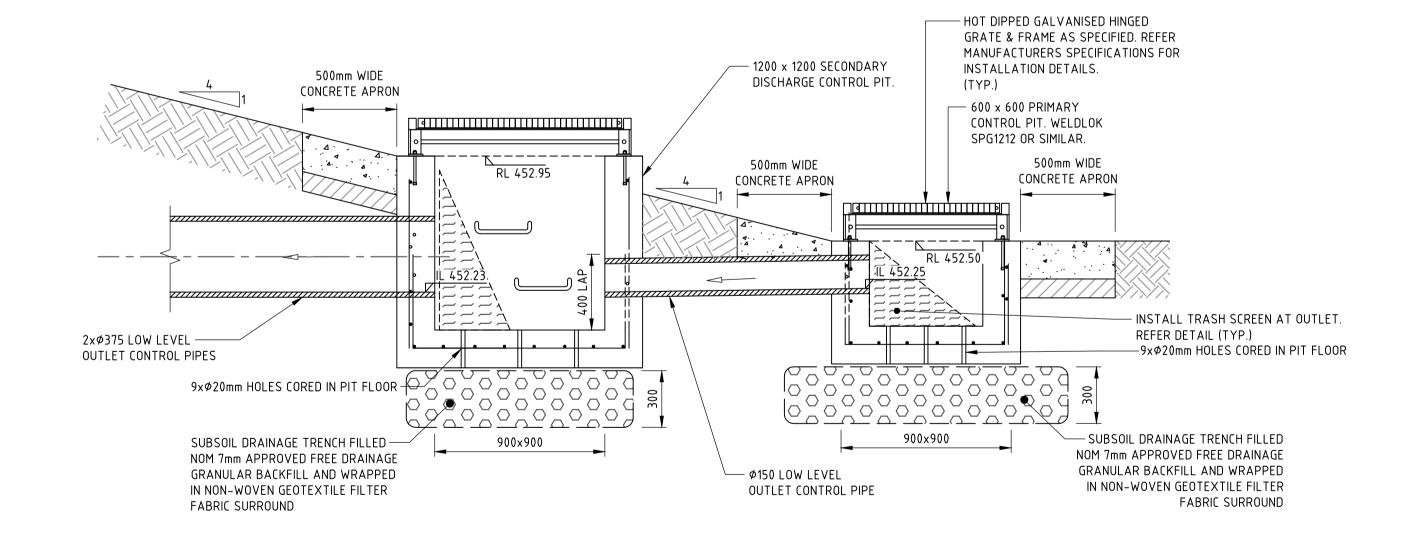
<u>PIT INTERFACE – DETAIL 'E'</u>



STEP IRON DETAIL

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







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REVISION DESCRIPTION ISSUED VER'D APP'D DATE

1 ISSUED FOR DEVELOPMENT APPLICATION D.T S.N 30.08.17

2 RE-ISSUED FOR DEVELOPMENT APPLICATION D.T S.N 14.09.17

PRSL LifeCare

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KENNEDY ASSOCIATES ARCHITECTS

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nominated architect - steve kennedy - registration no. 5828
p + 61 2 9557 6466 f + 61 2 9557 6477

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ARCHITECT

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0.0 0.5 1.0 1.5 2.0 2.5m

SCALE 1:50@ A1

COMMENCING WORK.

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RSL LIFECARE NORTH TAMWORTH 372 MOORE CREEK, ROAD OSD DETAILS
SHEET 2

JOB NUMBER

170912

DRAWING NUMBER REVIS

DA5.02 2

DRAWING SHEET SIZE = A1

