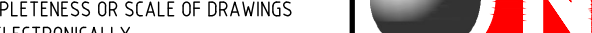
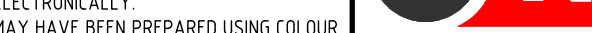
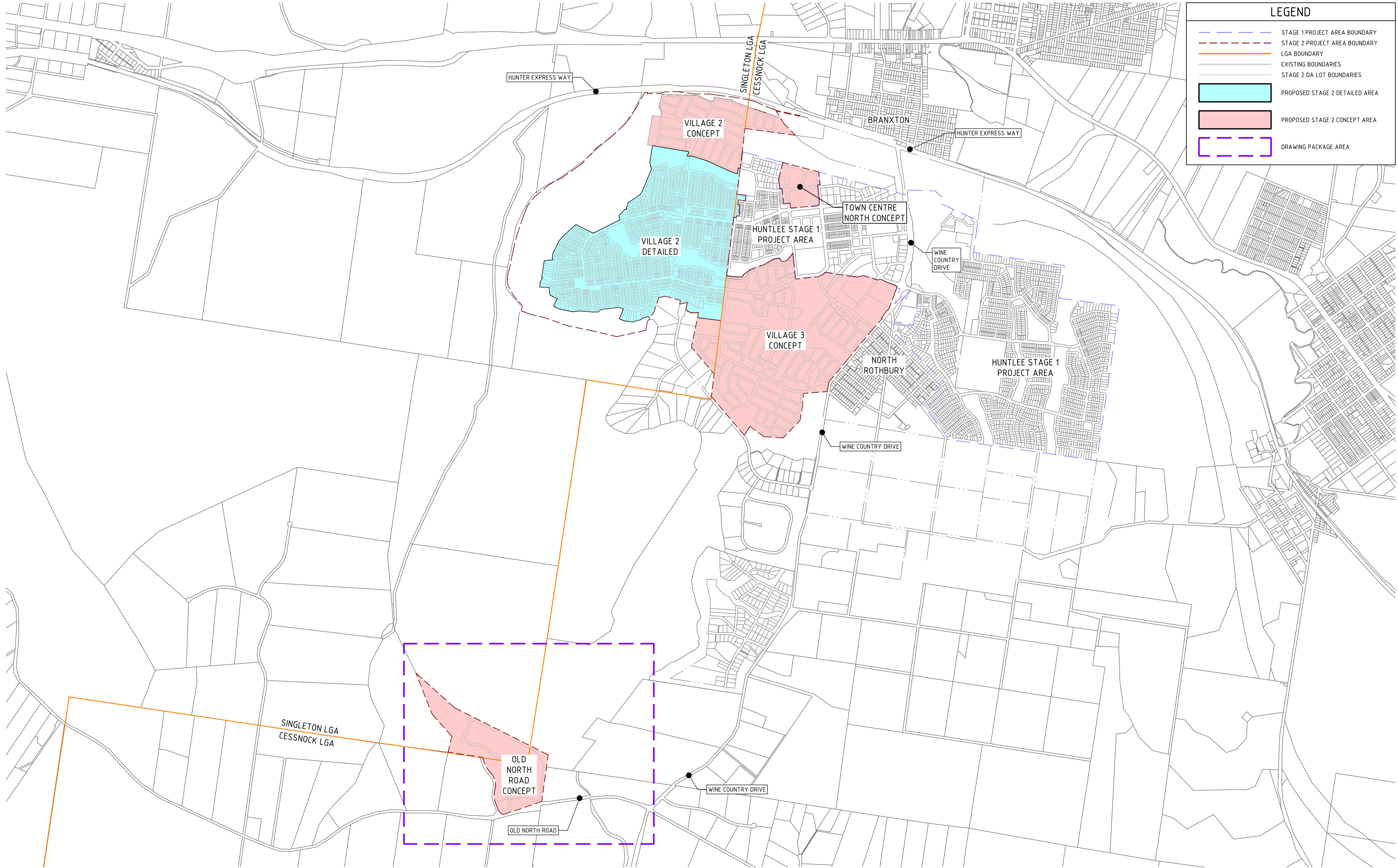


REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	  		PROJECT	DRAWING TITLE	JOB NUMBER	
A	ISSUED FOR INFORMATION	RH		SC	20.10.23				HUNTLEE STAGE 2 DA AREA	CONCEPT CIVIL ENGINEERING PACKAGE	NL220566	
B	ISSUED FOR INFORMATION	JP		BB	03.11.23							
						DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED	THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD		OLD NORTH ROAD	COVER SHEET, DRAWING LIST AND LOCALITY PLAN	DRAWING NUMBER ONRC-C01.01	REVISION B
							SCALE 1:10000 @ A1				DRAWING SHEET SIZE = A1	

DRAWN: R. HUTCHISON DESIGNED: T. SOUIRES JOB MANAGER: B. BALCOMBE VERIFIER:



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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
A	ISSUED FOR INFORMATION	RH		SC	03.11.23	

DATE: 03.11.2023 4:02 PM Printed by: JACK PARKINSON File: Y:\YEAR 2022\2022\0206 - Huntlee Stage 2 Project Area\0 - Drawings\CIVIL\03 CAD\02 S2DA CONCEPT\04 OLD NORTH ROAD CONCEPT\NL220566_ONRC_001.11_S2DA_OVERALL.dwg



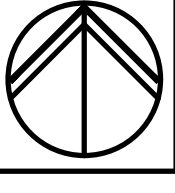
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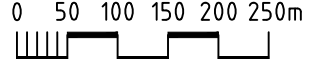
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SCALE 1:15000 @A1



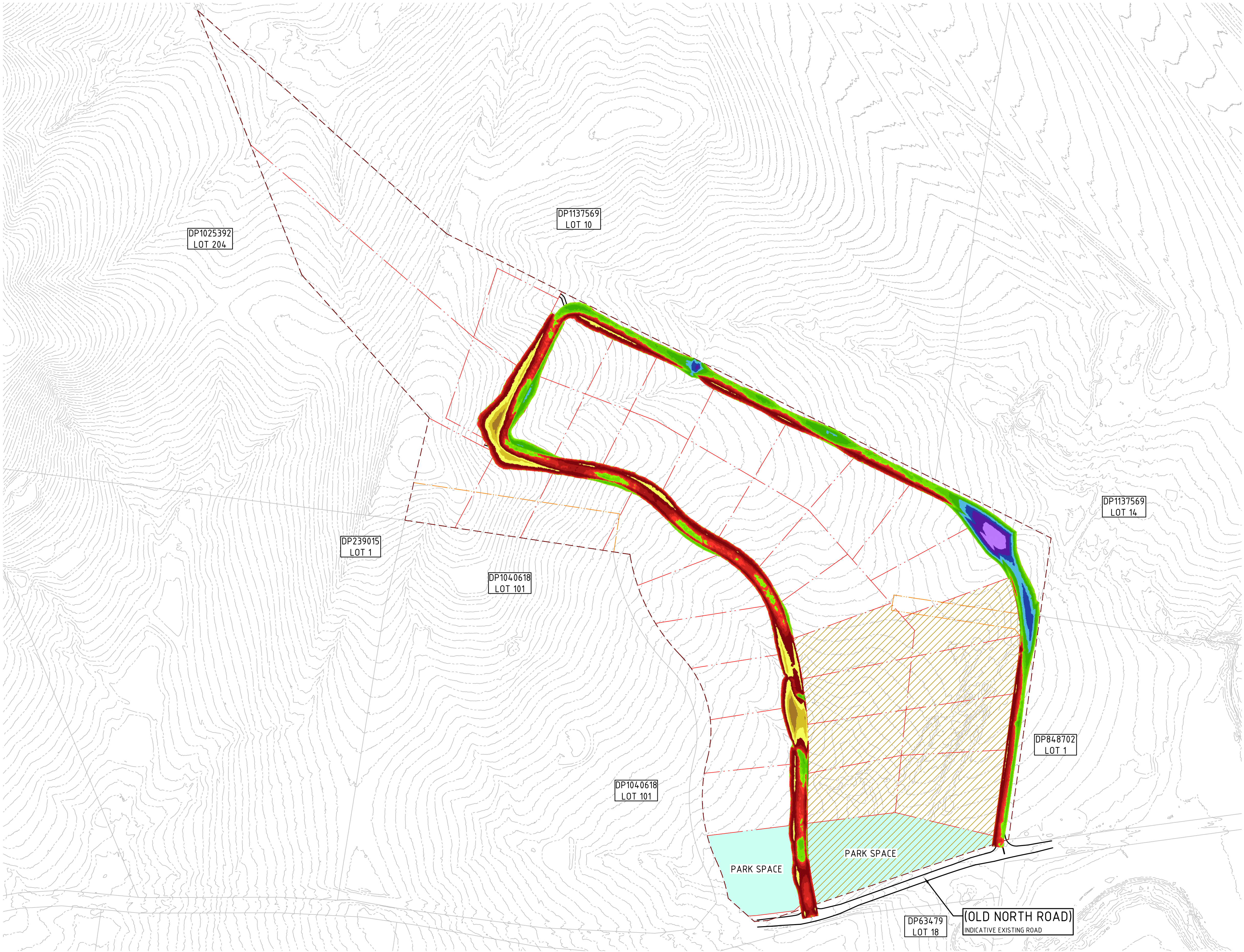


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PROJECT	DRAWING TITLE	JOB NUMBER
HUNTLEE STAGE 2 DA AREA OLD NORTH ROAD	CONCEPT CIVIL ENGINEERING PACKAGE STAGE 2 DA OVERALL SITE PLAN	NL220566
		DRAWING NUMBER ONRC-C01.11
		REVISION A
		DRAWING SHEET SIZE = A1

DRAWN: R. HUTCHISON DESIGNED: T. SQUIRES JOB MANAGER: B. BALCOMBE VERIFIER:



LEGEND

HUNTLEE STAGE 2 PROJECT BOUNDARY

PROPOSED LOT BOUNDARY LINE

EXISTING BOUNDARY LINE

DESIGN CONTOURS (0.2m INTERVAL)

EXISTING CONTOURS (10m INTERVAL)

INDICATIVE LOT REGRADING

APPROXIMATE DEPTH OF CUT/FILL

DEPTH OF CUT

0.0m TO -0.10m

-0.10m TO -0.25m

-0.25m TO -0.50m

-0.50m TO -1.0m

-1.0m TO -1.5m

-1.5m TO -2.0m

-2.0m TO -3.0m

-3.0m TO -10.0m

DEPTH OF FILL

0.0m TO 0.10m

0.10m TO 0.25m

0.25m TO 0.50m

0.50m TO 1.0m

1.0m TO 1.5m

1.5m TO 2.0m

2.0m TO 3.0m

3.0m TO 10.0m

CUT AND FILL QUANTITIES	
TOTAL CUT	17667 m³
TOTAL FILL	12806 m³
BALANCE	4861 m³ (CUT)

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A	ISSUED FOR INFORMATION	RH		SC	20.10.23	LWP bringing communities to life DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED Huntlee THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD

SCALE 1:2500@A1

0 25 50 75 100 125m

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PROJECT

HUNTLEE STAGE 2 DA AREA

OLD NORTH ROAD

DRAWING TITLE

CONCEPT CIVIL
ENGINEERING PACKAGE
CUT AND FILL SITE PLAN

DRAWING NUMBER

ONRC-C02.01

DRAWING SHEET SIZE = A1

REVISION

B

DRAWN: R. HUTCHISON DESIGNED: T. SQUIRES JOB MANAGER: B. BALCOMBE VERIFIER:



LEGEND

HUNTLEE STAGE 2 PROJECT BOUNDARY

PROPOSED LOT BOUNDARY LINE

EXISTING BOUNDARY LINE

DESIGN CONTOURS (0.2m INTERVAL)

EXISTING CONTOURS (1.0m INTERVAL)

INDICATIVE LOT REGRADING

APPROXIMATE DEPTH OF CUT/FILL

DEPTH OF CUT

0.0m TO -0.10m

-0.10m TO -0.25m

-0.25m TO -0.50m

-0.50m TO -1.0m

-1.0m TO -1.5m

-1.5m TO -2.0m

-2.0m TO -3.0m

-3.0m TO -10.0m

DEPTH OF FILL

0.0m TO 0.10m

0.10m TO 0.25m

0.25m TO 0.50m

0.50m TO 1.0m

1.0m TO 1.5m

1.5m TO 2.0m

2.0m TO 3.0m

3.0m TO 10.0m

KEYPLAN

NOTES:

1. NEGATIVE ELEVATIONS DENOTES AREAS TO BE CUT

2. POSITIVE ELEVATIONS DENOTES AREAS TO BE FILLED

3. CUT/FILL DEPTHS ARE FROM FINISHED SURFACE TO NATURAL SURFACE

4. THE CONTRACTOR SHALL SMOOTH AND PROFILE THE GROUND SURFACE AND PREPARE FOR SALE ALL ALLOTMENT AREAS TO THE SATISFACTION OF THE SUPERINTENDENT, INCLUDING: REMOVE HIGHPOINTS (E.G., HUMPS, LUMPS, STOCKPILES, ETC); FILL IN HOLLOWES (E.G., DIPS, SWALES, TRENCHES, STUMP HOLES, ETC); REMOVE UNDERSTOREY AND SHRUB VEGETATION; REMOVE STUMPS, FALLEN LOGS AND BRANCHES; REMOVE SURFACE AND PROTRUDING ROCKS/BOULDERS; AND GENERALLY CLEAR AND TIDY EACH ALLOTMENT.

5. REFER TO ROAD LONG SECTIONS AND CROSS SECTIONS FOR DETAILED LEVELS FOR CUT AND FILL.

6. BULK EARTHWORK LEVELS DO NOT ALLOW FOR TOPSOIL.

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SCALE 1:1000 @ A1

0

10

20

30

40

50m

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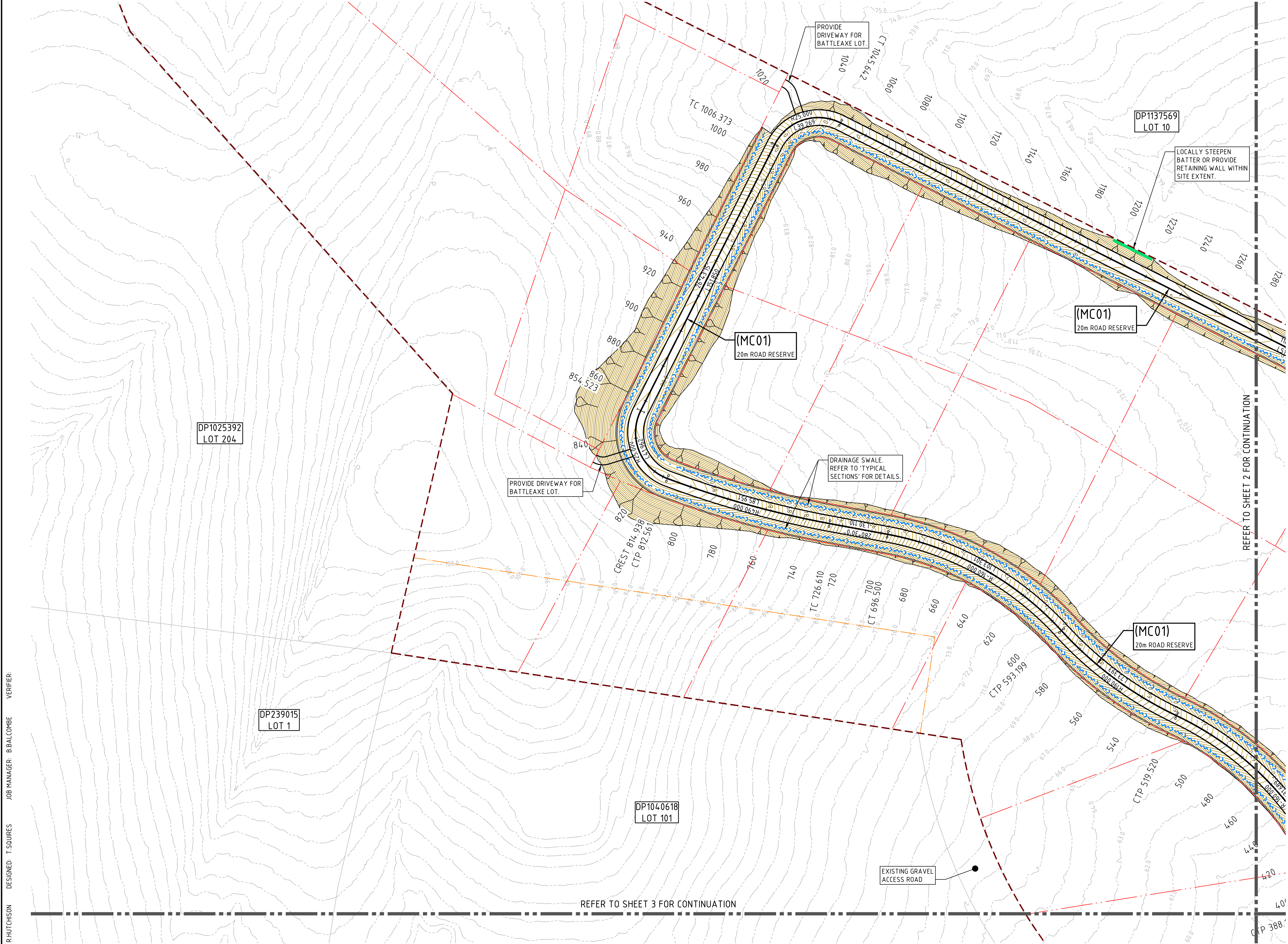
PROJECT
HUNTLEE STAGE 2 DA AREA
OLD NORTH ROAD

DRAWING TITLE
**CONCEPT CIVIL
ENGINEERING PACKAGE**
CUT AND FILL PLAN - SHEET 1

JOB NUMBER NL220566	
DRAWING NUMBER ONRC-C02.11	REVISION B
DRAWING SHEET SIZE = A1	

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DRAWN: R. HUTCHISON DESIGNED: T. SQUIRES JOB MANAGER: B. BALCOMBE VERIFIER:



LEGEND

HUNTLEE STAGE 2 PROJECT BOUNDARY

PROPOSED LOT BOUNDARY LINE

EXISTING BOUNDARY LINE

EASEMENT LINE

EXISTING EASEMENT LINE

DESIGN CONTOURS
(0.2m INTERVAL)

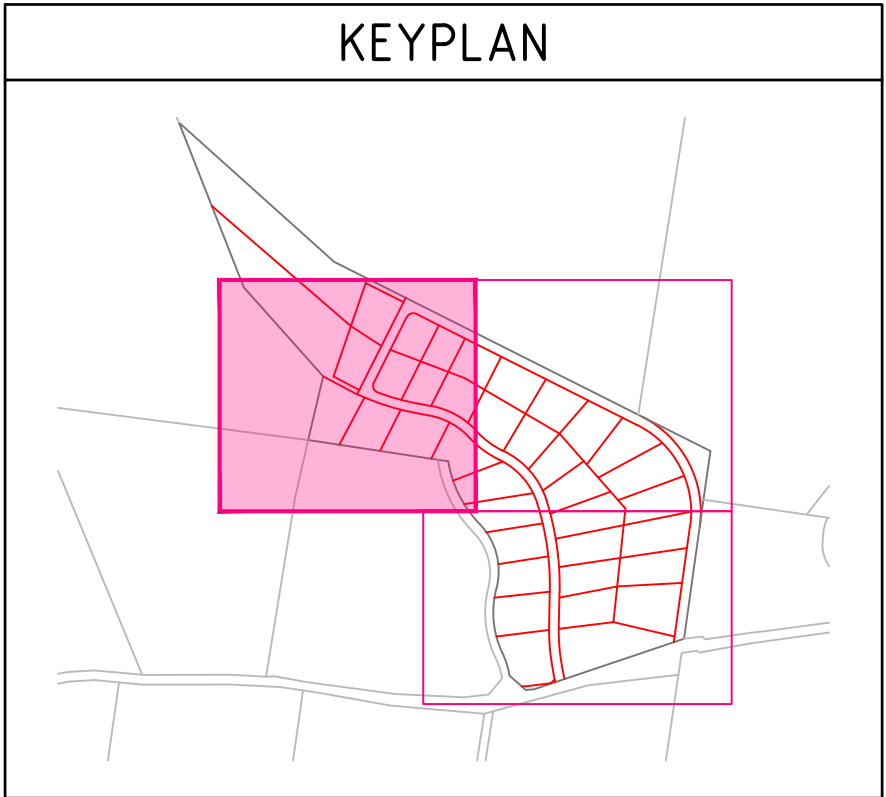
EXISTING CONTOURS
(1.0m INTERVAL)

INDICATIVE LOT REGRADING

OPEN PARK SPACE

INDICATIVE RETAINING WALL

DRAINAGE SWALE



NOTE

1. LOT GRADING SHOWN INDICATIVE ONLY WITH LOT BENCHING AND LOCATIONS FOR RETAINING WALLS TO BE FINALISED AT DETAILED DESIGN STAGE.

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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
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SCALE 1:1000 @ A1

0 10 20 30 40 50m

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PROJECT

HUNTLEE STAGE 2 DA AREA

OLD NORTH ROAD

DRAWING TITLE

CONCEPT CIVIL
ENGINEERING PACKAGE

CIVIL WORKS PART PLAN - SHEET 1

DRAWING NUMBER

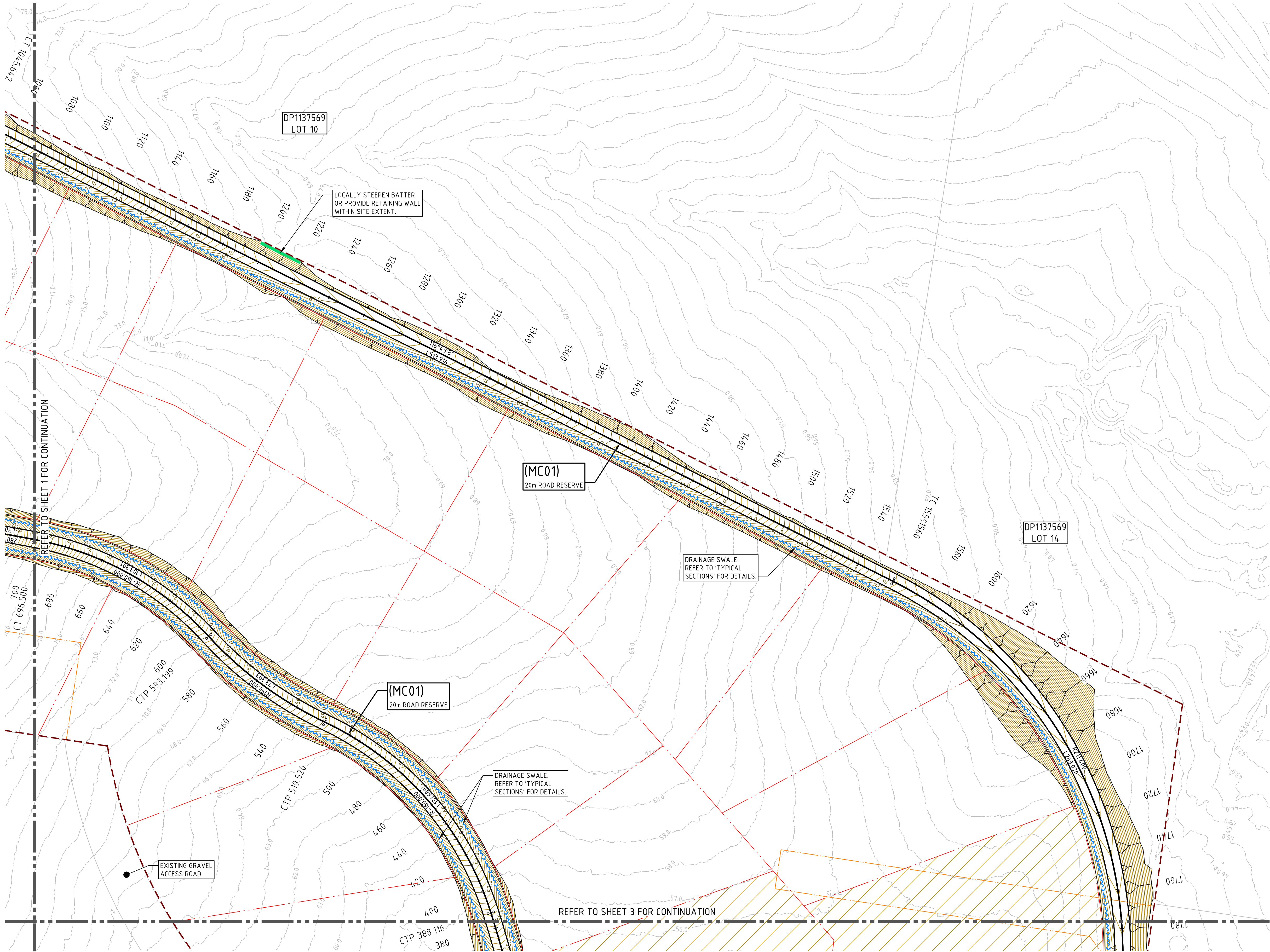
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REVISION

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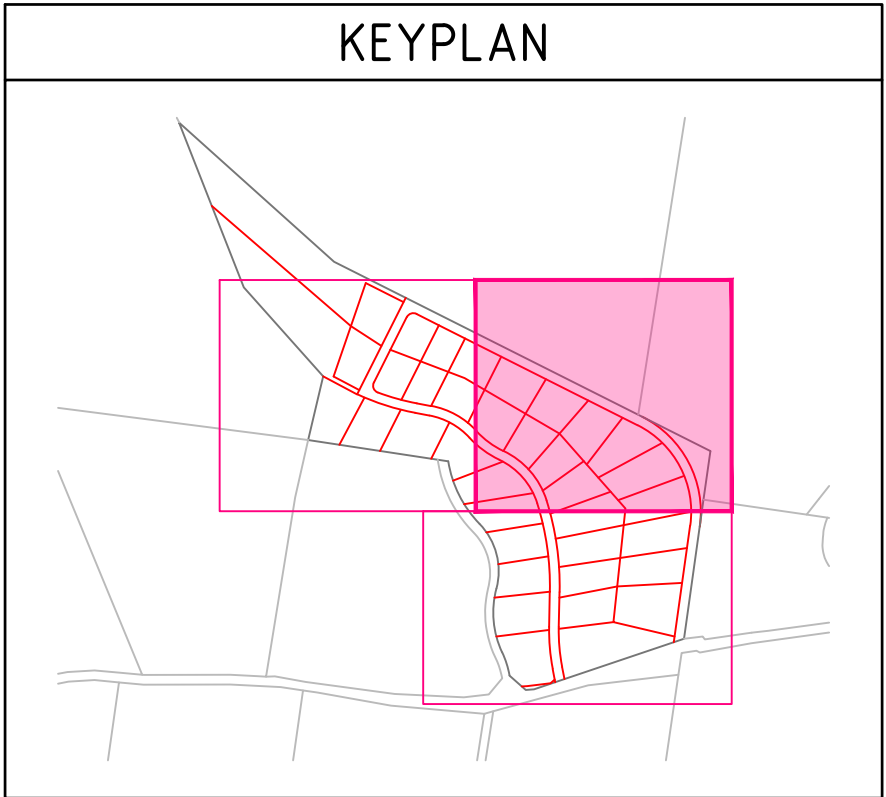
DRAWING SHEET SIZE = A1

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LEGEND

- HUNTLEE STAGE 2 PROJECT BOUNDARY
- PROPOSED LOT BOUNDARY LINE
- EXISTING BOUNDARY LINE
- EASEMENT LINE
- EXISTING EASEMENT LINE
- DESIGN CONTOURS (0.2m INTERVAL)
- EXISTING CONTOURS (1.0m INTERVAL)
- INDICATIVE LOT REGRADING
- OPEN PARK SPACE
- INDICATIVE RETAINING WALL
- DRAINAGE SWALE



NOTE

1. LOT GRADING SHOWN INDICATIVE ONLY WITH LOT BENCHING AND LOCATIONS FOR RETAINING WALLS TO BE FINALISED AT DETAILED DESIGN STAGE.

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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
A	ISSUED FOR INFORMATION	RH		SC	20.10.23	
B	ISSUED FOR INFORMATION	JP		BB	03.11.23	

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SCALE 1:1000 @ A1

0 10 20 30 40 50m

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PROJECT
HUNTLEE STAGE 2 DA AREA
OLD NORTH ROAD

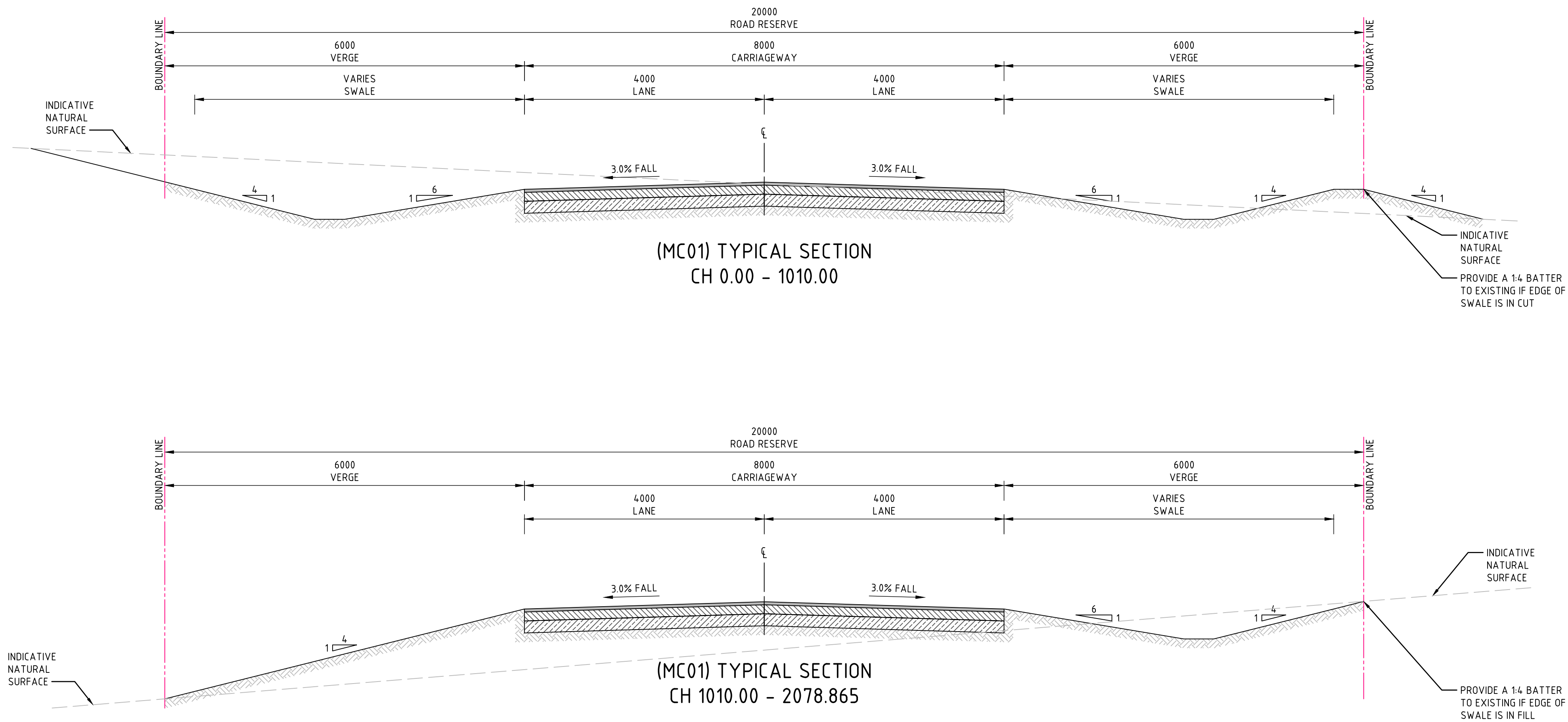
DRAWING TITLE
**CONCEPT CIVIL
ENGINEERING PACKAGE**
CIVIL WORKS PART PLAN - SHEET 2

JOB NUMBER
NL220566

DRAWING NUMBER ONRC-C03.12	REVISION B
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DRAWING SHEET SIZE = A1

VERIFIER: B.BALCOMBE
JOB MANAGER: B.BALCOMBE
DESIGNED: T.SQUIRES
DRAWN: R.HUTCHISON



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SCALE 1:50@A1





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PROJECT

HUNTLEE STAGE 2 DA AREA

OLD NORTH ROAD

DRAWING TITLE

**CONCEPT CIVIL
ENGINEERING PACKAGE**

TYPICAL SECTIONS - SHEET 1

JOB NUMBER

NL220566

DRAWING NUMBER

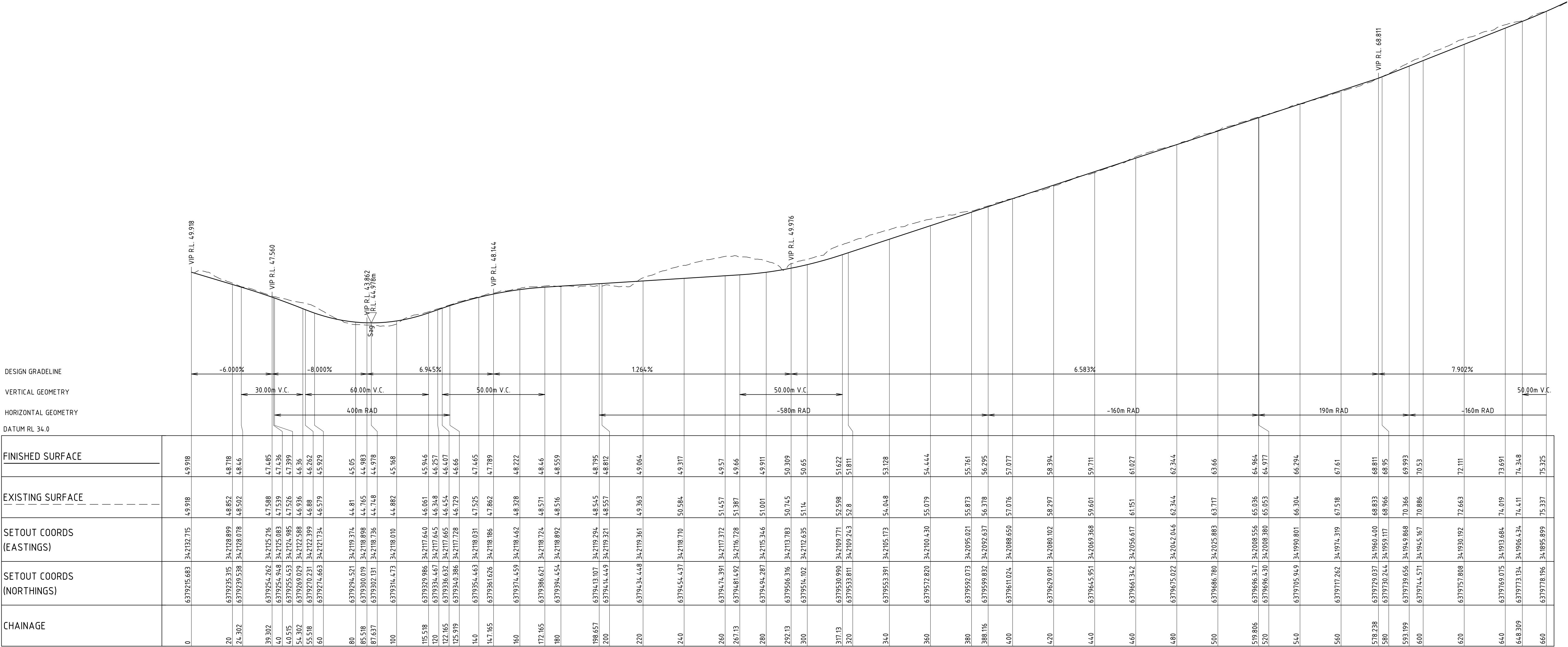
ONRC-C04.01

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DRAWING SHEET SIZE ± A1

DRAWN: R.HUTCHISON
DESIGNED: T.SQUIRES
JOB MANAGER: B.BALCOMBE
VERIFIER:



LONGITUDINAL SECTION ALONG MC01

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

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PROJECT

HUNTLEE STAGE 2 DA AREA

OLD NORTH ROAD

DRAWING TITLE

CONCEPT CIVIL
ENGINEERING PACKAGE

LONGITUDINAL SECTIONS - SHEET 1

JOB NUMBER

NL220566

DRAWING NUMBER

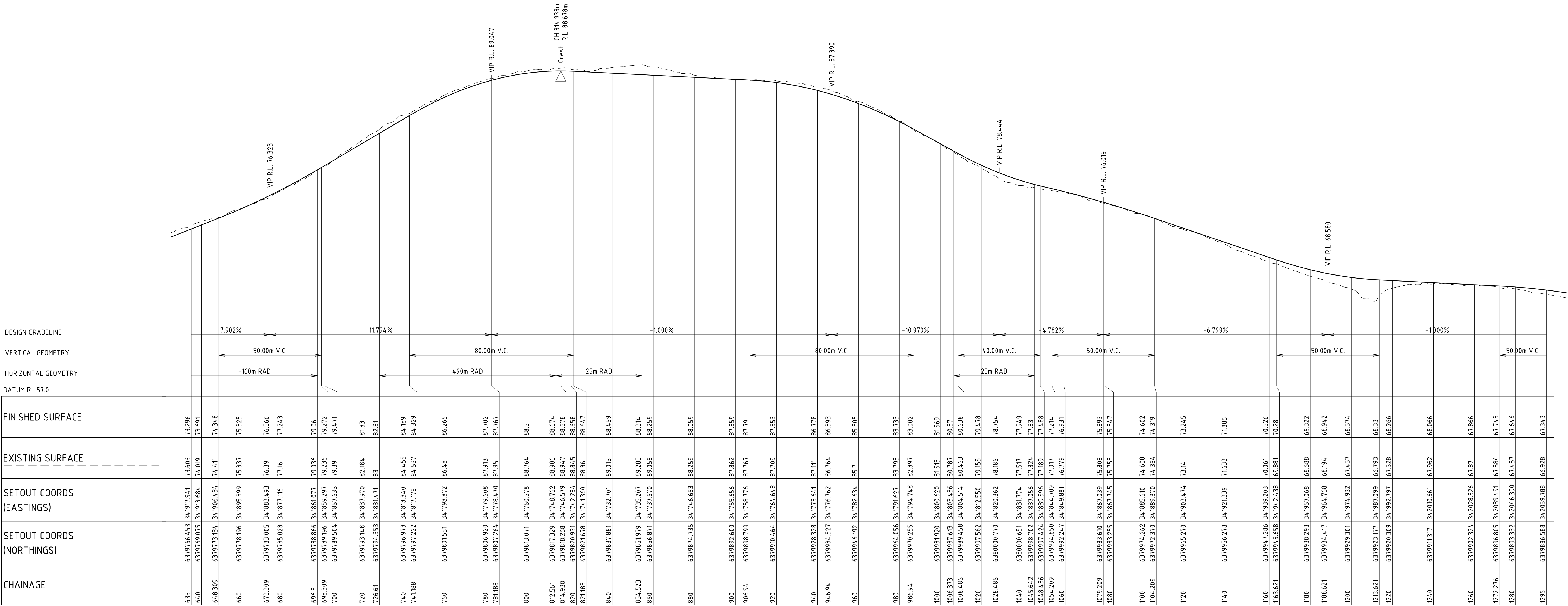
ONRC-C05.01

REVISION

B

DRAWING SHEET SIZE = A1

DESIGNED: T.SQUIRES JOB MANAGER: B.BALCOMBE VERIFIER: R.HUTCHISON



LONGITUDINAL SECTION ALONG MC01

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
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PROJECT
HUNTLEE STAGE 2 DA AREA
OLD NORTH ROAD

DRAWING TITLE
CONCEPT CIVIL
ENGINEERING PACKAGE
LONGITUDINAL SECTIONS - SHEET 2

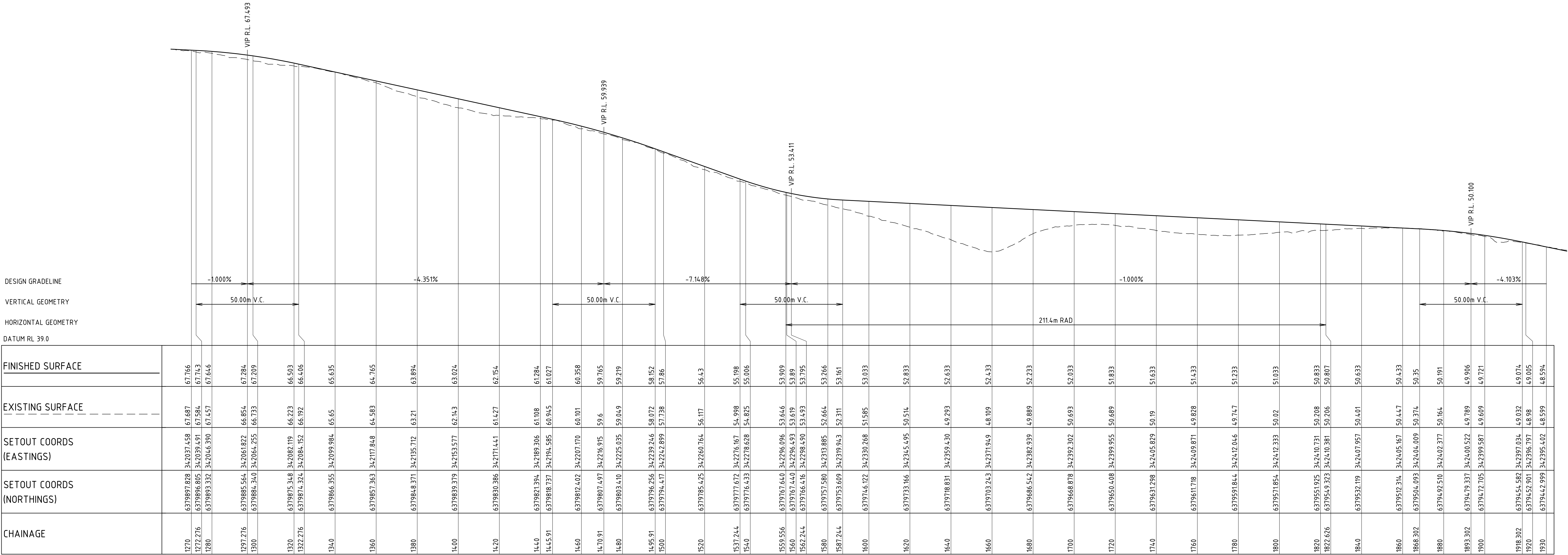
JOB NUMBER
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DRAWING NUMBER
ONRC-C05.02

DRAWING SHEET SIZE = A1

REVISION
B

DESIGNED: T.SQUIRES JOB MANAGER: B.BALCOMBE VERIFIER: R.HUTCHISON



LONGITUDINAL SECTION ALONG MC01

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
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PROJECT

HUNTLEE STAGE 2 DA AREA

OLD NORTH ROAD

DRAWING TITLE

CONCEPT CIVIL
ENGINEERING PACKAGE

LONGITUDINAL SECTIONS - SHEET 3

JOB NUMBER

NL220566

DRAWING NUMBER

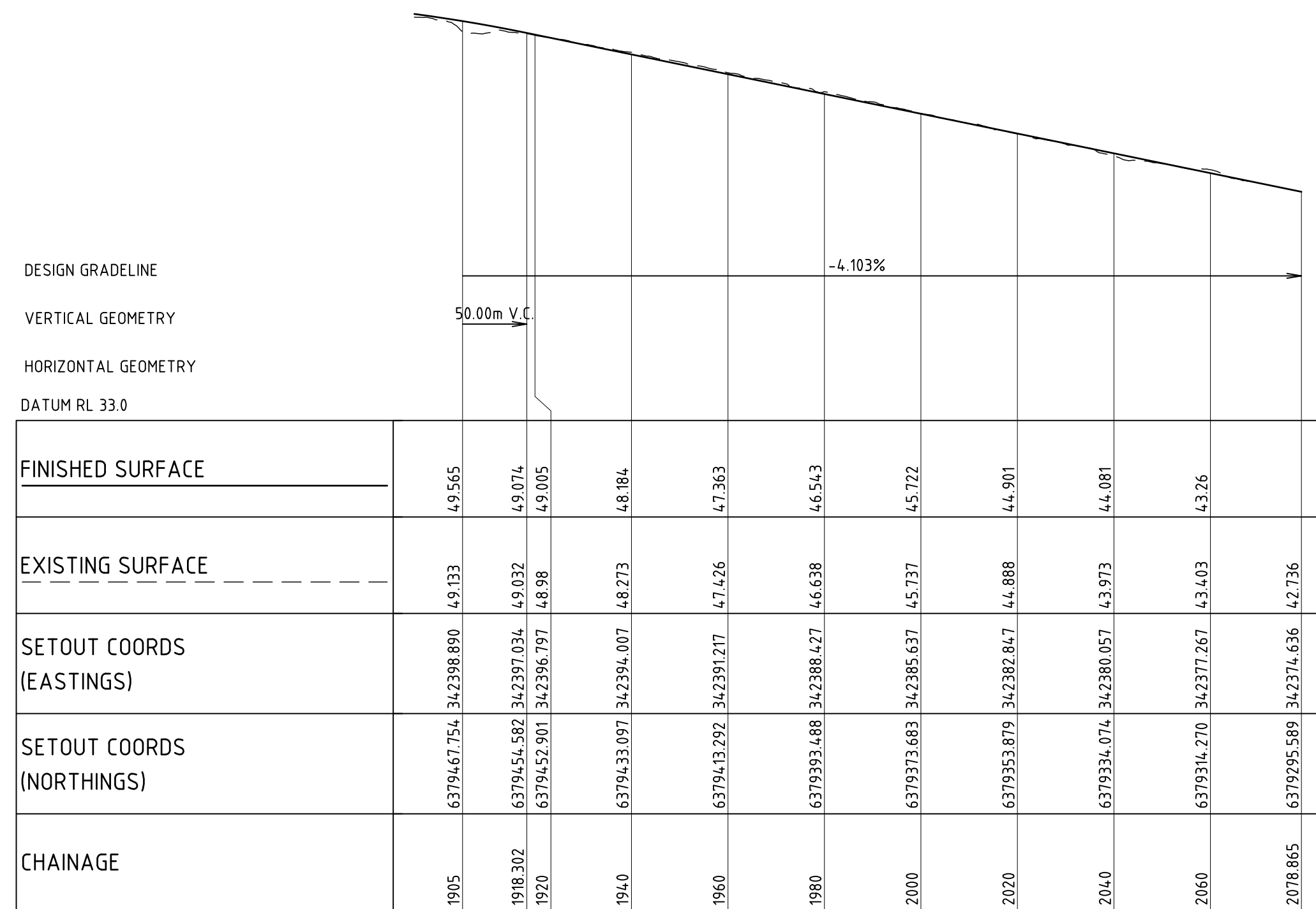
ONRC-C05.03

REVISION

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DRAWING SHEET SIZE = A1

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LONGITUDINAL SECTION ALONG MC01

HORIZONTAL SCALE 1:1000@A1
VERTICAL SCALE 1:200@A1

REVISION		DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT		ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCING WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY. THIS DRAWING MAY HAVE BEEN PREPARED USING COLOUR, AND MAY BE INCOMPLETE IF COPIED TO BLACK & WHITE.	PROJECT	DRAWING TITLE	JOB NUMBER			
A		ISSUED FOR INFORMATION	RH		SC	20.10.23			 Newcastle Level 1, 215 Pacific Hwy, Charlestown NSW 2290 Ph (02) 4943 1777 Email newcastle@northrop.com.au ABN 81 094 433 100	HUNTLEE STAGE 2 DA AREA OLD NORTH ROAD	CONCEPT CIVIL ENGINEERING PACKAGE LONGITUDINAL SECTIONS - SHEET 4	NL220566			
B		ISSUED FOR INFORMATION	JP		BB	03.11.23						DRAWING NUMBER	ONCR-C05.04	REVISION	B
												DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS DRAWING NOTICE SIGNATURE HAS BEEN ADDED	THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD		