

PROPOSED RESIDENTIAL DEVELOPMENT

TYPE: NEW DWELLING


DRAWINGS SERIES TO BE PRINTED IN COLOUR

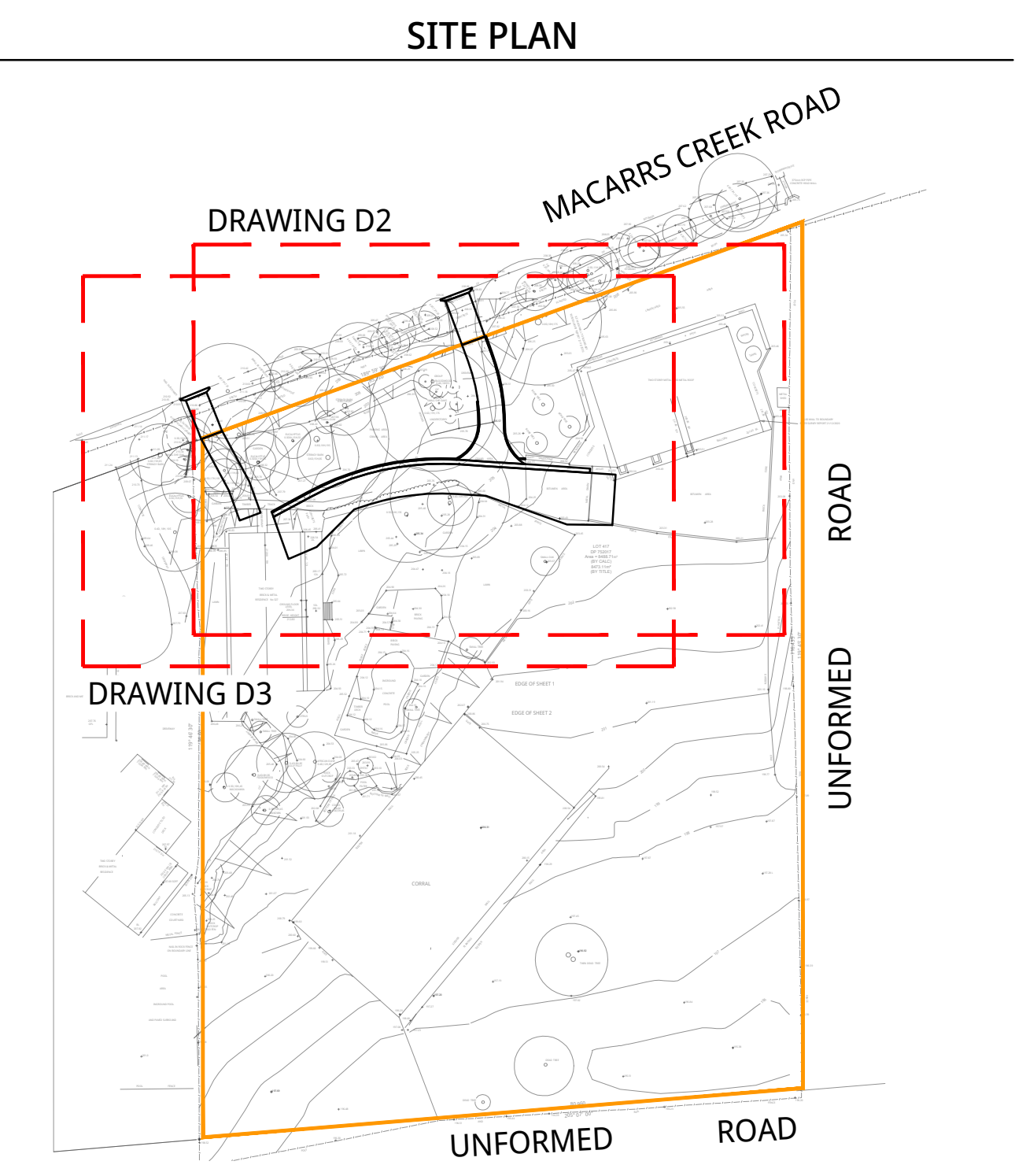
DEVELOPMENT APPLICATION ISSUE NOT FOR CONSTRUCTION

ADDRESS: No. 327 MCCARRS CREEK ROAD, TERREY HILLS

TITLE: LOT 417/DP752017

DRAWING SERIES: DUAL DRIVEWAY ACCESS DESIGN

GENERAL NOTES	BEFORE YOU DIG AUSTRALIA	PAGE DIRECTORY	ENGINEERING COMMENTS
<div><div>GN1</div><div>ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE LOCAL COUNCIL'S CIVIL SPECIFICATION AND STANDARDS.</div></div> <div><div>GN2</div><div>ALL WORK TO BE COMPLETED TO THE SATISFACTION OF PRINCIPLE CERTIFYING AUTHORITY (COUNCIL OR OTHER)</div></div> <div><div>GN3</div><div>ALL DIMENSIONS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.</div></div> <div><div>GN4</div><div>THE CONTRACTOR SHALL LOCATE AND DETERMINE LEVELS OF ALL EXISTING SERVICES PRIOR TO COMMENCING EXCAVATION WORK. ALL SERVICES SHOWN ON THIS DRAWING ARE INDICATIVE AND FOR GUIDANCE ONLY.</div></div> <div><div>GN5</div><div>THIS DRAWING SERIES IS TO BE READ IN CONCURRENCE WITH RELEVANT DRAWINGS SERIES FROM OTHER CONSULTANTS, COUNCIL OR RELEVANT SPECIFICATIONS. WHERE DISCREPANCIES ARE DETECTED THE DESIGN ENGINEER IS TO BE CONTACTED IMMEDIATELY FOR VALIDATION/ RECTIFICATION.</div></div> <div><div>GN5</div><div>BUILDER AND CONTRACTORS IS TO ENSURE THAT ALL COUNCIL DEVELOPMENT CONSENT CONDITIONS, CONSTRUCTION CERTIFICATE REQUIREMENTS ARE MET.</div></div>	<div><div></div><div>THE MOST UP TO DATE BEFORE YOU DIG AUSTRALIA (BYDA) PLANS MUST BE KEPT ON-SITE AT ALL TIMES. ANY PERSON ABOUT TO DIG OR EXCAVATE MUST READ BYDA PLANS PRIOR TO THE COMMENCEMENT OF WORK.</div></div>	<div><div>TITLE PAGE & NOTES</div><div>PAGE D1</div></div> <div><div>DRIVEWAY - PLAN - GARAGE</div><div>PAGE D2</div></div> <div><div>DRIVEWAY - PLAN - CARPORT</div><div>PAGE D3</div></div> <div><div>DRIVEWAY - LONG SECTION - MC1</div><div>PAGE D4</div></div> <div><div>DRIVEWAY - LONG SECTION - MC2</div><div>PAGE D5</div></div> <div><div>DRIVEWAY - LONG SECTION - MC3</div><div>PAGE D6</div></div> <div><div>DRIVEWAY - SWEPT PATHS - ENTRY</div><div>PAGE D7</div></div> <div><div>DRIVEWAY - SWEPT PATHS - EXIT</div><div>PAGE D8</div></div> <div><div>DRIVEWAY - CROSS SECTION - MC1</div><div>PAGE D9</div></div> <div><div>DRIVEWAY - CROSS SECTION - MC2 PAGE 1</div><div>PAGE D10</div></div> <div><div>DRIVEWAY - CROSS SECTION - MC2 PAGE 2</div><div>PAGE D11</div></div> <div><div>DRIVEWAY - CROSS SECTION - MC3</div><div>PAGE D12</div></div> <div><div>DRIVEWAY - DETAILS</div><div>PAGE D13</div></div>	<div><div>THE DEVELOPMENTS PROPOSES AN 8m WIDE VEHICULAR LAYBACK IN LIEU OF THE STANDARD 3- 5.5m LAYBACK TO ACCOMMODATE THE FUNCTIONAL NEEDS OF THE SITE AND IMPROVE VEHICLE ACCESS.</div><div><div>WE NOTE THE FOLLOWING REASONS FOR THE 8m LAYBACK PROPOSAL:</div><div><div>A.</div><div>THE WIDER LAYBACK ALLOWS SAFER ENRY/EXIT FOR LARGER VEHICLES (SUCH AS RFS VEHICLES AND VEHICLES WITH TRAILERS FOR FARM USE).</div></div><div><div>B.</div><div>GIVEN THE ROAD USAGE AND SPEED THE WIDER LAYBACK IS EXPECTED TO IMPROVE VEHICLE TURNING MOVEMENTS AND TRAFFIC VISIBILITY.</div></div><div><div>C.</div><div>THE SITE FRONTAGE IS APPROXIMATELY 85m LONG. THE PROPOSED LAYBACK WOULD CONSUME APPROXIMATELY 9.5% OF IT, LEAVING ADEQUATE ROOM FOR LANDSCAPING.</div></div><div><div>D.</div><div>NO ADVERSE IMPACT ARE BEING PROPOSED TO PUBLIC ASSETS (SUCH AS PITS, SERVICES)</div></div></div><div><div>WE RECOMMEND THE DESIGN AS A SAFE PRACTICAL SOLUTION GIVEN THE DEVELOPMENT NATURE.</div></div></div>



NOTES:
1. THE ARBORIST SHALL VERIFY THE FINAL PLACEMENT OF THE DRIVEWAY

ENSURE EXISTING EMBANKMENT IS 150mm HIGHER THAN EDGE OF ROAD ELSE PROVIDE LOCALISED FILLING EXISTING EMBANKMENT SIGNIFIED AS

DRAINAGE PIT APPROX 20m DOWNSTREAM NEAR PROPERTY CORNER (REFER TO SURVEY)

ENSURE EXISTING EMBANKMENT IS 150mm HIGHER THAN EDGE OF ROAD ELSE PROVIDE LOCALISED FILLING EXISTING EMBANKMENT SIGNIFIED AS

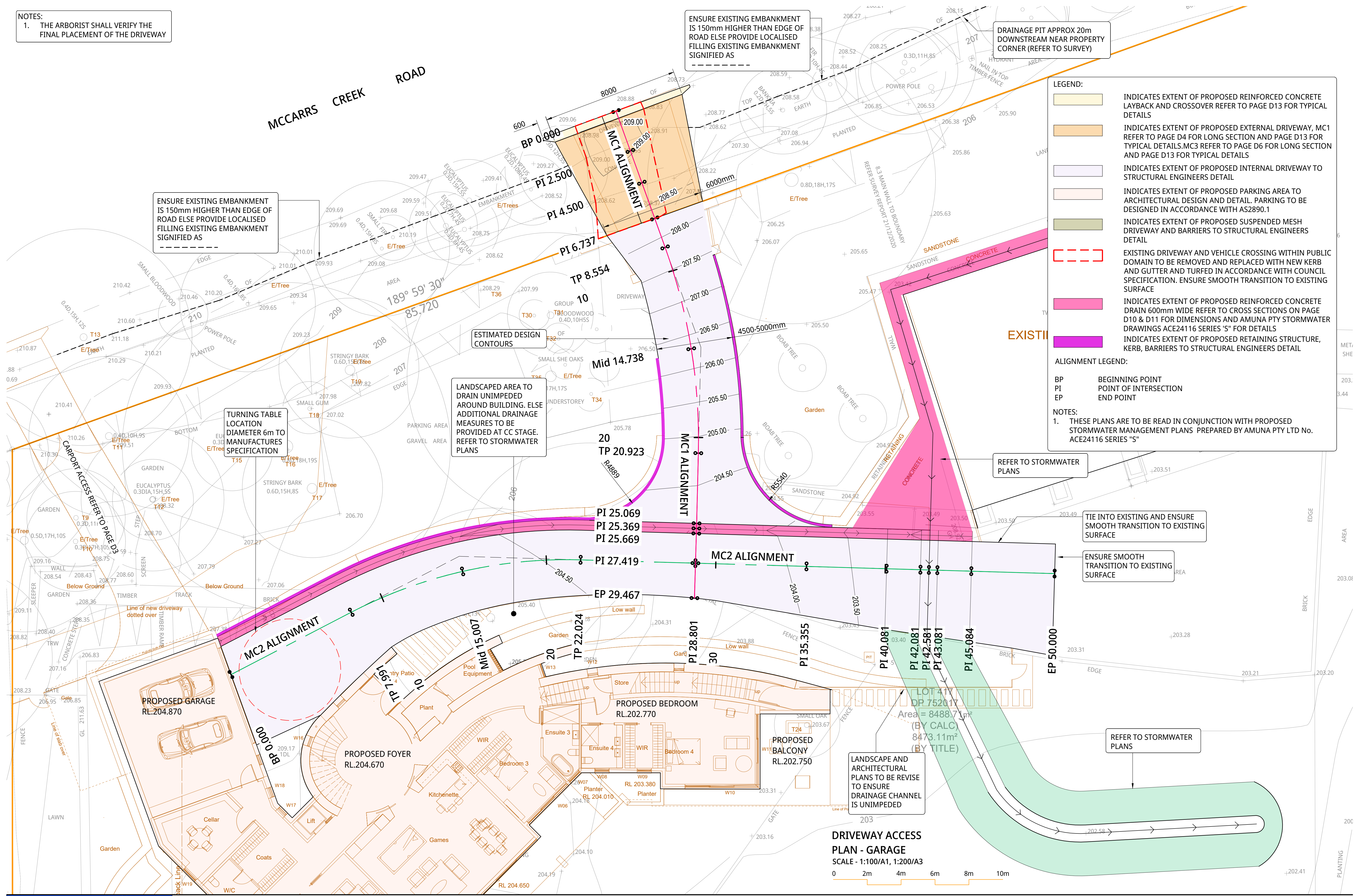
LEGEND:

- INDICATES EXTENT OF PROPOSED REINFORCED CONCRETE LAYBACK AND CROSSOVER REFER TO PAGE D13 FOR TYPICAL DETAILS
- INDICATES EXTENT OF PROPOSED EXTERNAL DRIVEWAY, MC1 REFER TO PAGE D4 FOR LONG SECTION AND PAGE D13 FOR TYPICAL DETAILS.MC3 REFER TO PAGE D6 FOR LONG SECTION AND PAGE D13 FOR TYPICAL DETAILS
- INDICATES EXTENT OF PROPOSED INTERNAL DRIVEWAY TO STRUCTURAL ENGINEERS DETAIL
- INDICATES EXTENT OF PROPOSED PARKING AREA TO ARCHITECTURAL DESIGN AND DETAIL. PARKING TO BE DESIGNED IN ACCORDANCE WITH AS2890.1
- INDICATES EXTENT OF PROPOSED SUSPENDED MESH DRIVEWAY AND BARRIERS TO STRUCTURAL ENGINEERS DETAIL
- EXISTING DRIVEWAY AND VEHICLE CROSSING WITHIN PUBLIC DOMAIN TO BE REMOVED AND REPLACED WITH NEW KERB AND GUTTER AND TURFED IN ACCORDANCE WITH COUNCIL SPECIFICATION. ENSURE SMOOTH TRANSITION TO EXISTING SURFACE
- INDICATES EXTENT OF PROPOSED REINFORCED CONCRETE DRAIN 600mm WIDE REFER TO CROSS SECTIONS ON PAGE D10 & D11 FOR DIMENSIONS AND AMUNA PTY STORMWATER DRAWINGS ACE24116 SERIES 'S' FOR DETAILS
- INDICATES EXTENT OF PROPOSED RETAINING STRUCTURE, KERB, BARRIERS TO STRUCTURAL ENGINEERS DETAIL

ALIGNMENT LEGEND:

BP BEGINNING POINT
PI POINT OF INTERSECTION
EP END POINT

NOTES:
1. THESE PLANS ARE TO BE READ IN CONJUNCTION WITH PROPOSED STORMWATER MANAGEMENT PLANS PREPARED BY AMUNA PTY LTD No. ACE24116 SERIES "S"



ESTIMATED DESIGN CONTOURS

LANDSCAPED AREA TO DRAIN UNIMPEDED AROUND BUILDING. ELSE ADDITIONAL DRAINAGE MEASURES TO BE PROVIDED AT CC STAGE. REFER TO STORMWATER PLANS

TURNING TABLE LOCATION DIAMETER 6m TO MANUFACTURES SPECIFICATION

REFER TO STORMWATER PLANS

TIE INTO EXISTING AND ENSURE SMOOTH TRANSITION TO EXISTING SURFACE

ENSURE SMOOTH TRANSITION TO EXISTING SURFACE

LANDSCAPE AND ARCHITECTURAL PLANS TO BE REVISE TO ENSURE DRAINAGE CHANNEL IS UNIMPEDED

REFER TO STORMWATER PLANS

DRIVEWAY ACCESS PLAN - GARAGE
SCALE - 1:100/A1, 1:200/A3



Revision	Drawn	Date	Description
5	SSD	11.06.25	REVISED ARCHITECTURAL PLANS
4	SSD	30.05.25	REVISED ARCHITECTURAL PLANS
3	SSD	15.05.25	REVISED ARCHITECTURAL PLANS
2	SSD	16.04.25	ISSUED FOR DEVELOPMENT APPLICATION
1	SSD	27.03.25	ISSUED FOR CLIENT REVIEW

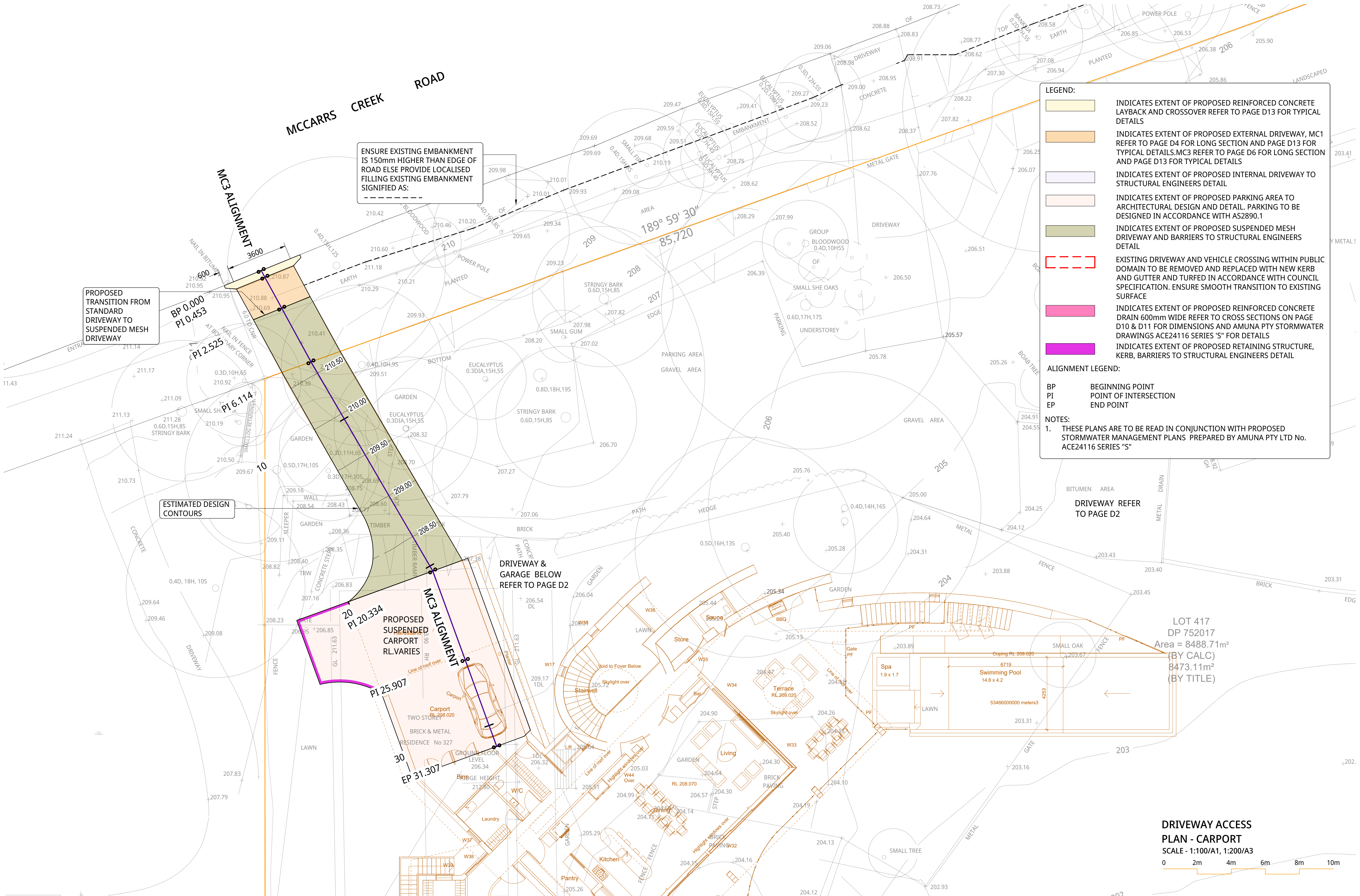
Checked RM SSD
Approved RM SSD
North
Architect PLAYOUST CHURCHER
Client: LLOYD

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ABN:31 658 411 299

Project
PROPOSED NEW DWELLING
No.327 MCCARRS CREEK ROAD
TERREY HILLS

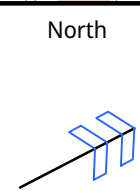
Drawing Title
DRIVEWAY ACCESS PLAN - GARAGE
Project No.
ACE24116

Scale: A1
AS NOTED
Page No.
D2
Revision
5



Revision	Drawn	Date	Description
5	SSD	11.06.25	REVISED ARCHITECTURAL PLANS
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Checked	Approved
RM	SSD
RM	SSD
RM	SSD
RM	SSD
SC	SSD



Architect
PLAYOUST CHURCHER

Client: LLOYD

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ABN:31 658 411 299

Project
**PROPOSED
NEW DWELLING**
No.327 MCCARRS CREEK ROAD
TERREY HILLS

Drawing Title
**DRIVEWAY ACCESS
PLAN - CARPORT**
Project No.
ACE24116

Scale: A1
AS NOTED

Page No.
D3

Revision
5

VERTICAL CLEARANCE PROFILE - B99 VEHICLE

B99 VEHICLE (REALISTIC MIN RADIUS 2004)

OVERALL LENGTH	5.200m
OVERALL WIDTH	1.940m
OVERALL BODY HEIGHT	2.200m
MIN BODY GROUND CLEARANCE	0.120m
TRACK WIDTH	1.840m
LOCK-TO-LOCK TIME	4.00s
CURB TO CURB TURNING RADIUS	6.250m

NOTE:

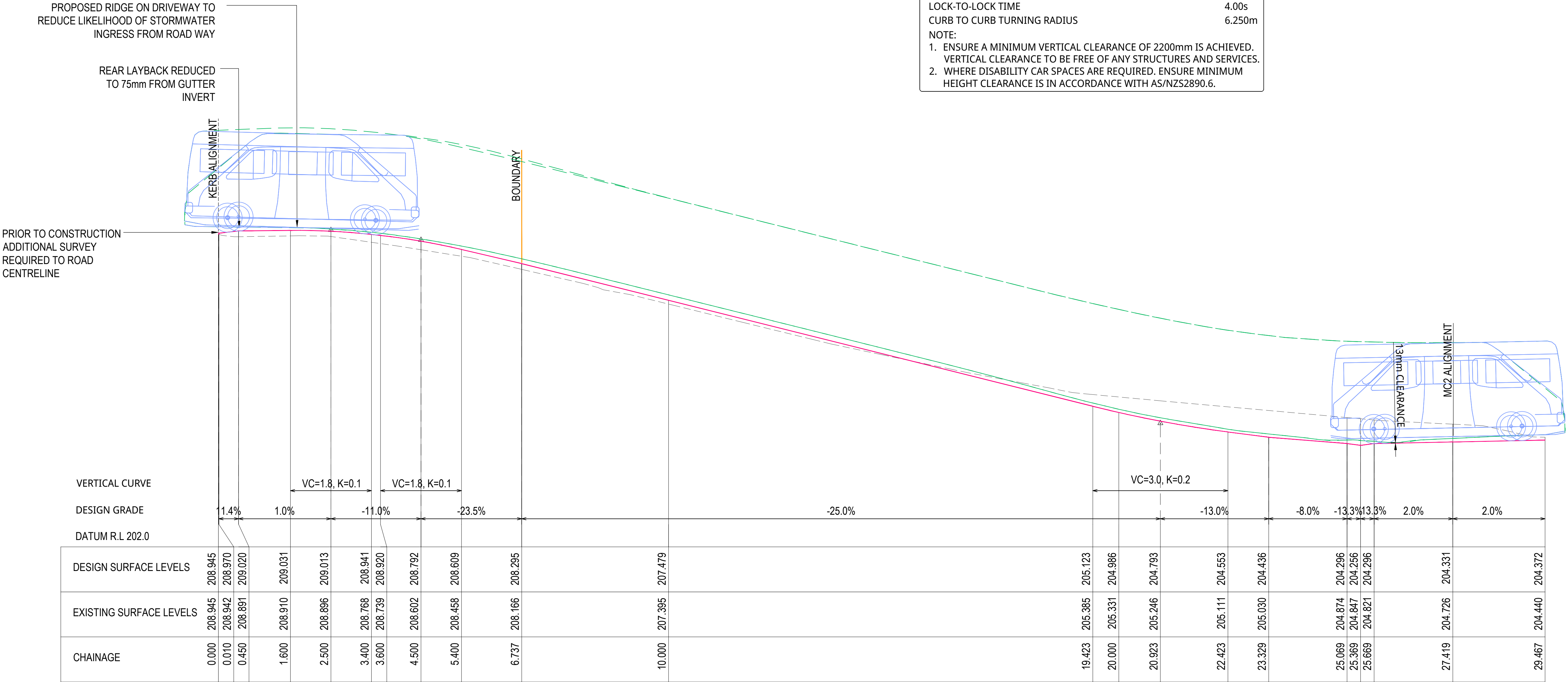
- ENSURE A MINIMUM VERTICAL CLEARANCE OF 2200mm IS ACHIEVED. VERTICAL CLEARANCE TO BE FREE OF ANY STRUCTURES AND SERVICES.
- WHERE DISABILITY CAR SPACES ARE REQUIRED, ENSURE MINIMUM HEIGHT CLEARANCE IS IN ACCORDANCE WITH AS/NZS2890.6.

LEGEND:

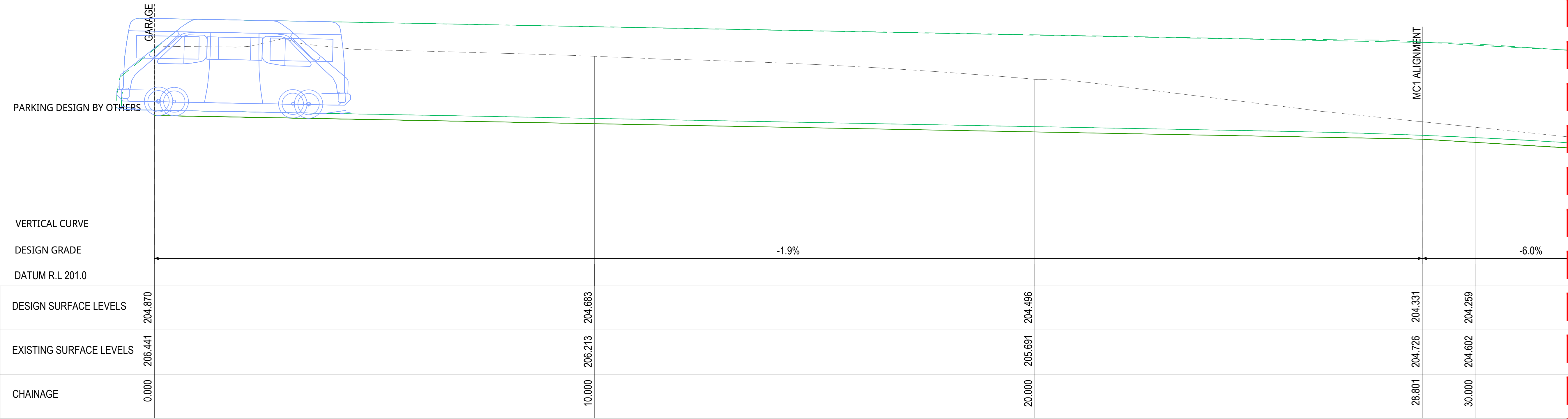
PROPOSED DESIGN SURFACE LEVELS

EXISTING SURFACE LEVELS

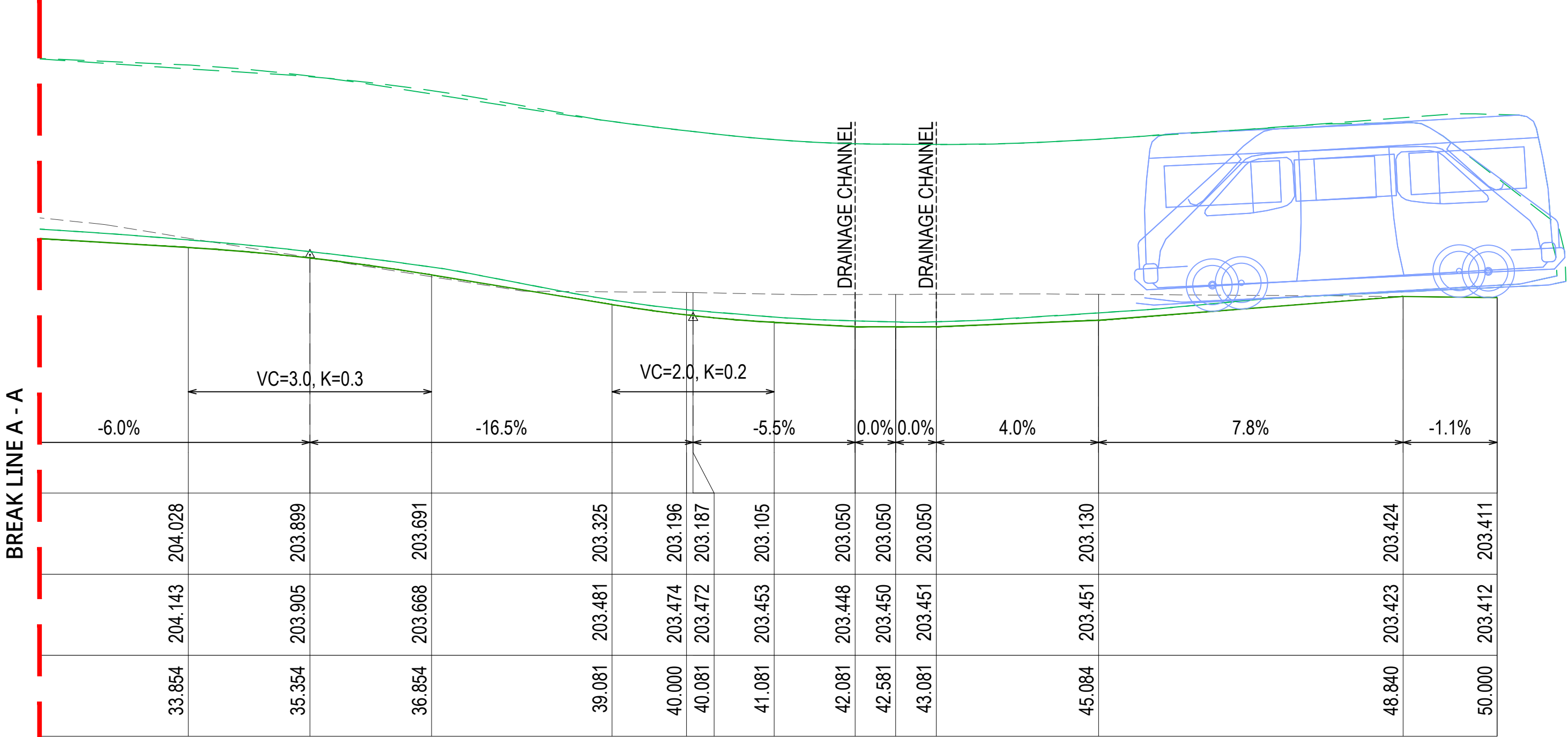
B85 VERTICAL CLEARANCE TEMPLATE FROM AS/NZS 2890.1



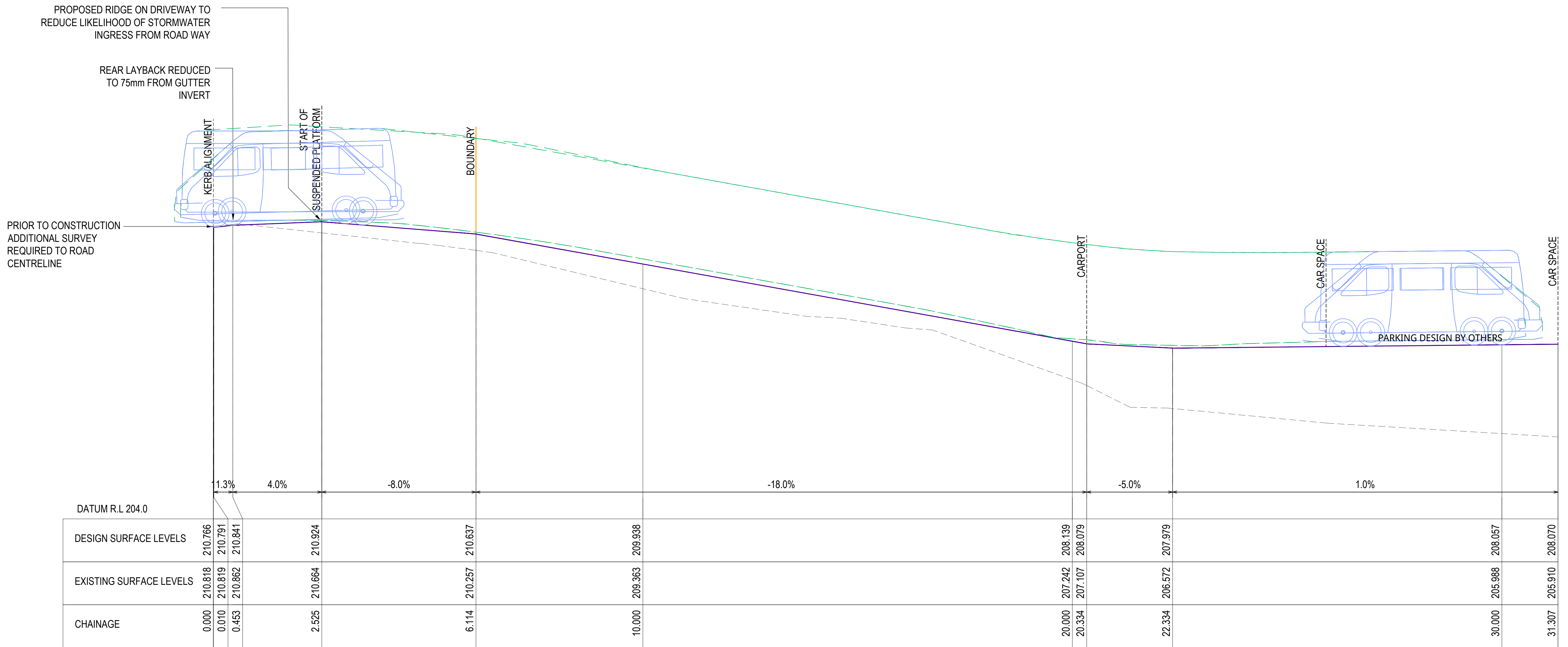
DRIVEWAY
LONG SECTION - MC1
HORIZONTAL SCALE - 1:50/A1, 1:100/A3
VERTICAL SCALE - 1:50/A1, 1:100/A3



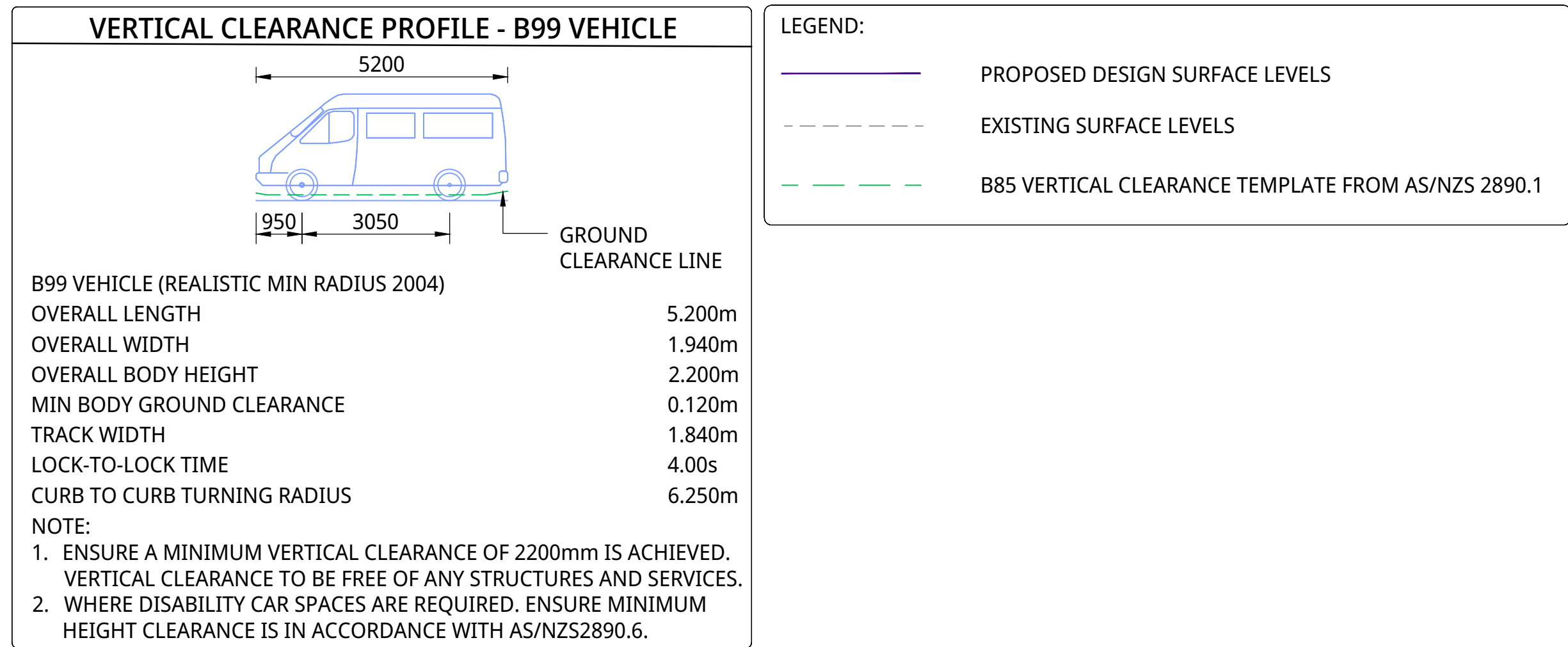
DRIVEWAY
LONG SECTION - MC2 - START
HORIZONTAL SCALE - 1:50/A1, 1:100/A3
VERTICAL SCALE - 1:50/A1, 1:100/A3

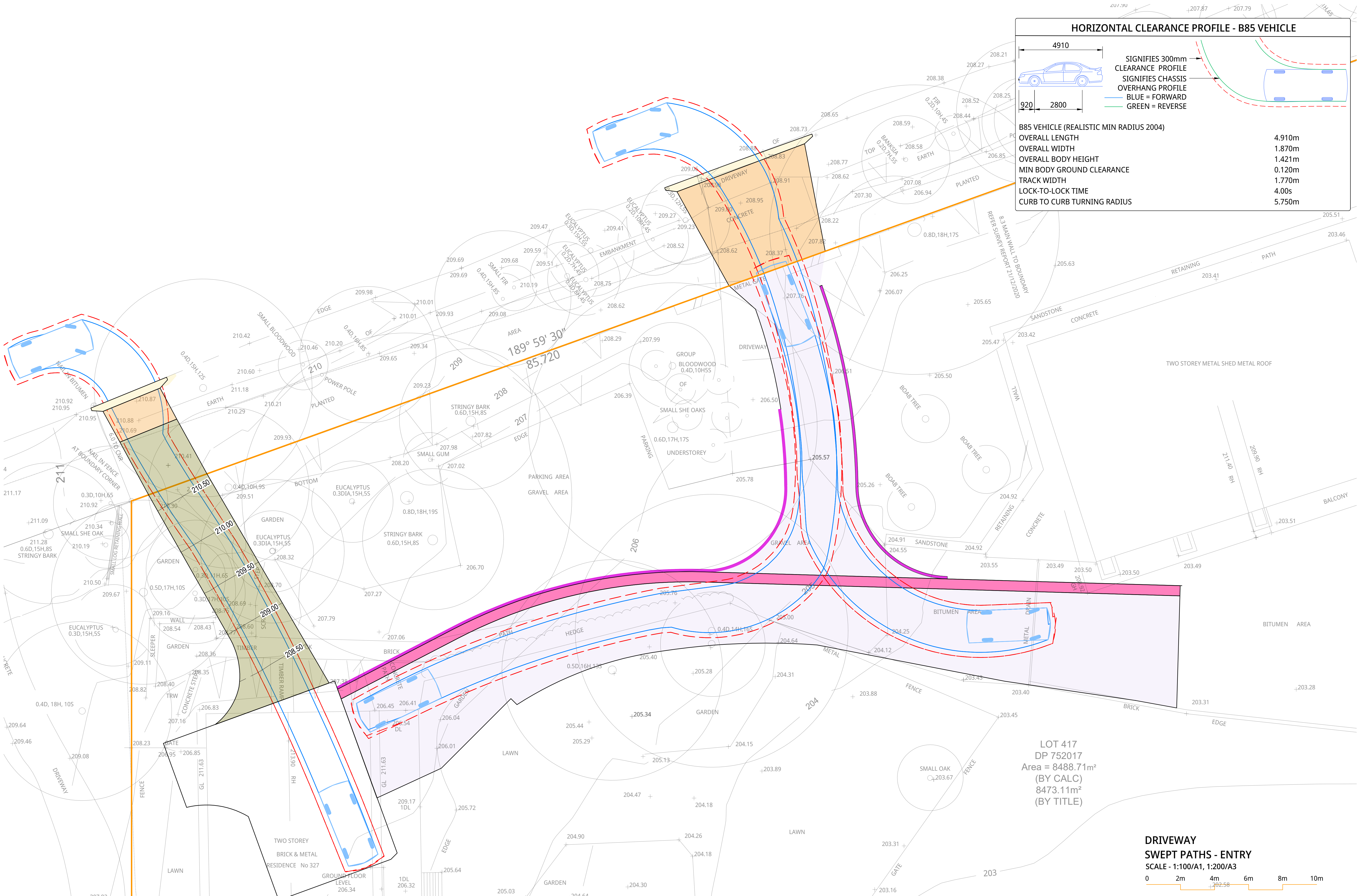


DRIVEWAY
LONG SECTION - MC2 - END
HORIZONTAL SCALE - 1:50/A1, 1:100/A3
VERTICAL SCALE - 1:50/A1, 1:100/A3



DRIVEWAY
LONG SECTION - MC3
HORIZONTAL SCALE - 1:50/A1, 1:100/A3
VERTICAL SCALE - 1:50/A1, 1:100/A3





4910

2800

920

SIGNIFIES 300mm CLEARANCE PROFILE

SIGNIFIES CHASSIS OVERHANG PROFILE

BLUE = FORWARD

GREEN = REVERSE

B85 VEHICLE (REALISTIC MIN RADIUS 2004)

OVERALL LENGTH

OVERALL WIDTH

OVERALL BODY HEIGHT

MIN BODY GROUND CLEARANCE

TRACK WIDTH

LOCK-TO-LOCK TIME

CURB TO CURB TURNING RADIUS

4.910m

1.870m

1.421m

0.120m

1.770m

4.00s

5.750m

LOT 417

DP 752017

Area = 8488.71m²

(BY CALC)

8473.11m²

(BY TITLE)

DRIVEWAY

SWEPT PATHS - ENTRY

SCALE - 1:100/A1, 1:200/A3

0

2m

4m

6m

8m

10m

AMUNA

CIVIL ENGINEERING

Revision	Drawn	Date	Description	Checked	Approved
5	SSD	11.06.25	REVISED ARCHITECTURAL PLANS	RM	SSD
4	SSD	30.05.25	REVISED ARCHITECTURAL PLANS	RM	SSD
3	SSD	15.05.25	REVISED ARCHITECTURAL PLANS	RM	SSD
2	SSD	16.04.25	ISSUED FOR DEVELOPMENT APPLICATION	RM	SSD
1	SSD	27.03.25	ISSUED FOR CLIENT REVIEW	SC	SSD

North

Architect

PLAYOUST CHURCHER

Client: LLOYD

Project

PROPOSED NEW DWELLING

No.327 MCCARRIS CREEK ROAD

TERREY HILLS

Drawing Title

DRIVEWAY SWEPT PATHS ENTRY

Project No.

ACE24116

Scale: A1

AS NOTED

Page No.

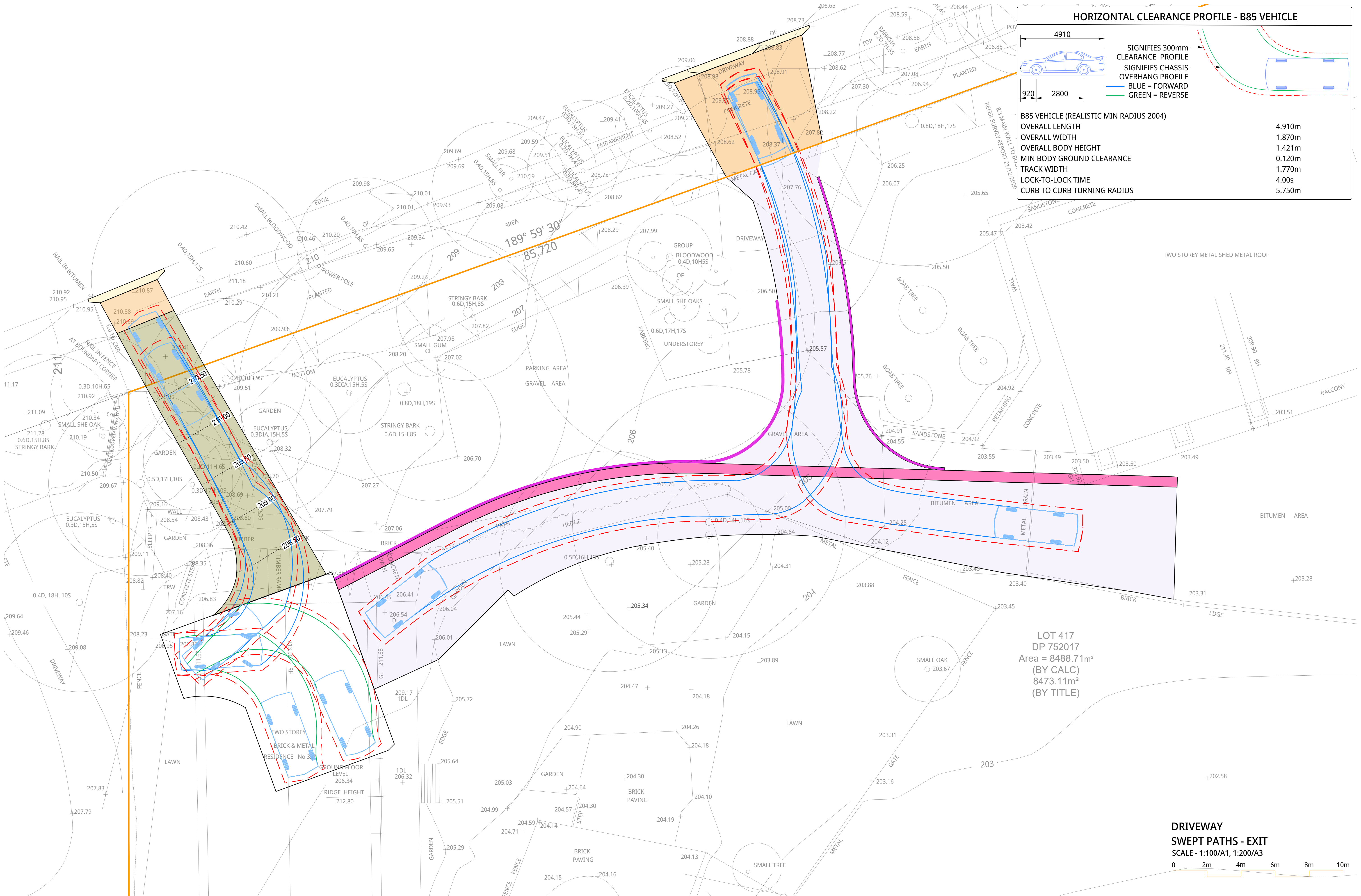
D7

Revision

5

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ABN:31 658 411 299



HORIZONTAL CLEARANCE PROFILE - B85 VEHICLE

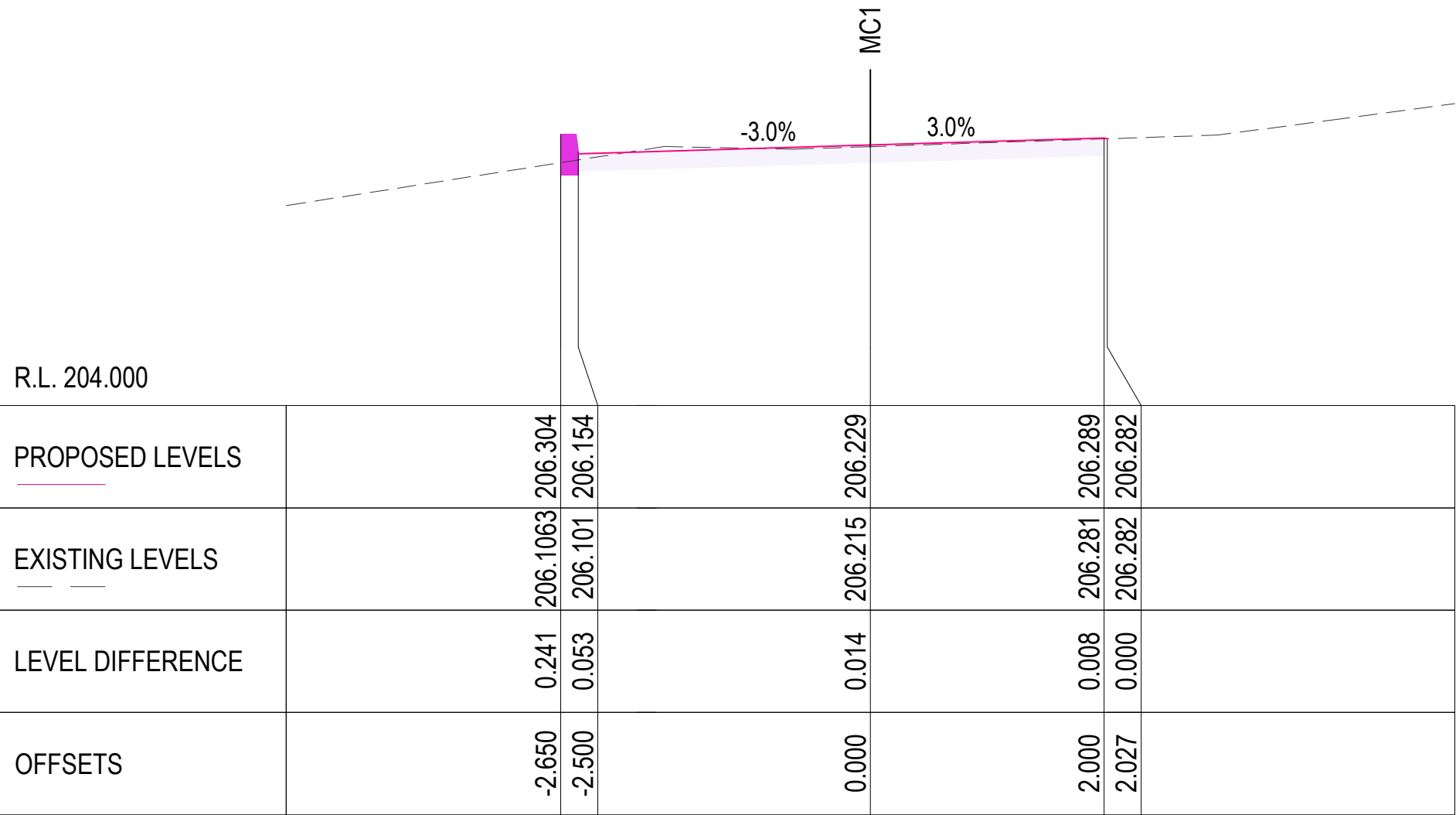
SIGNIFIES 300mm CLEARANCE PROFILE
SIGNIFIES CHASSIS OVERHANG PROFILE
BLUE = FORWARD
GREEN = REVERSE

B85 VEHICLE (REALISTIC MIN RADIUS 2004)	
OVERALL LENGTH	4.910m
OVERALL WIDTH	1.870m
OVERALL BODY HEIGHT	1.421m
MIN BODY GROUND CLEARANCE	0.120m
TRACK WIDTH	1.770m
LOCK-TO-LOCK TIME	4.00s
CURB TO CURB TURNING RADIUS	5.750m

LOT 417
DP 752017
Area = 8488.71m²
(BY CALC)
8473.11m²
(BY TITLE)

DRIVEWAY
SWEEP PATHS - EXIT
SCALE - 1:100/A1, 1:200/A3

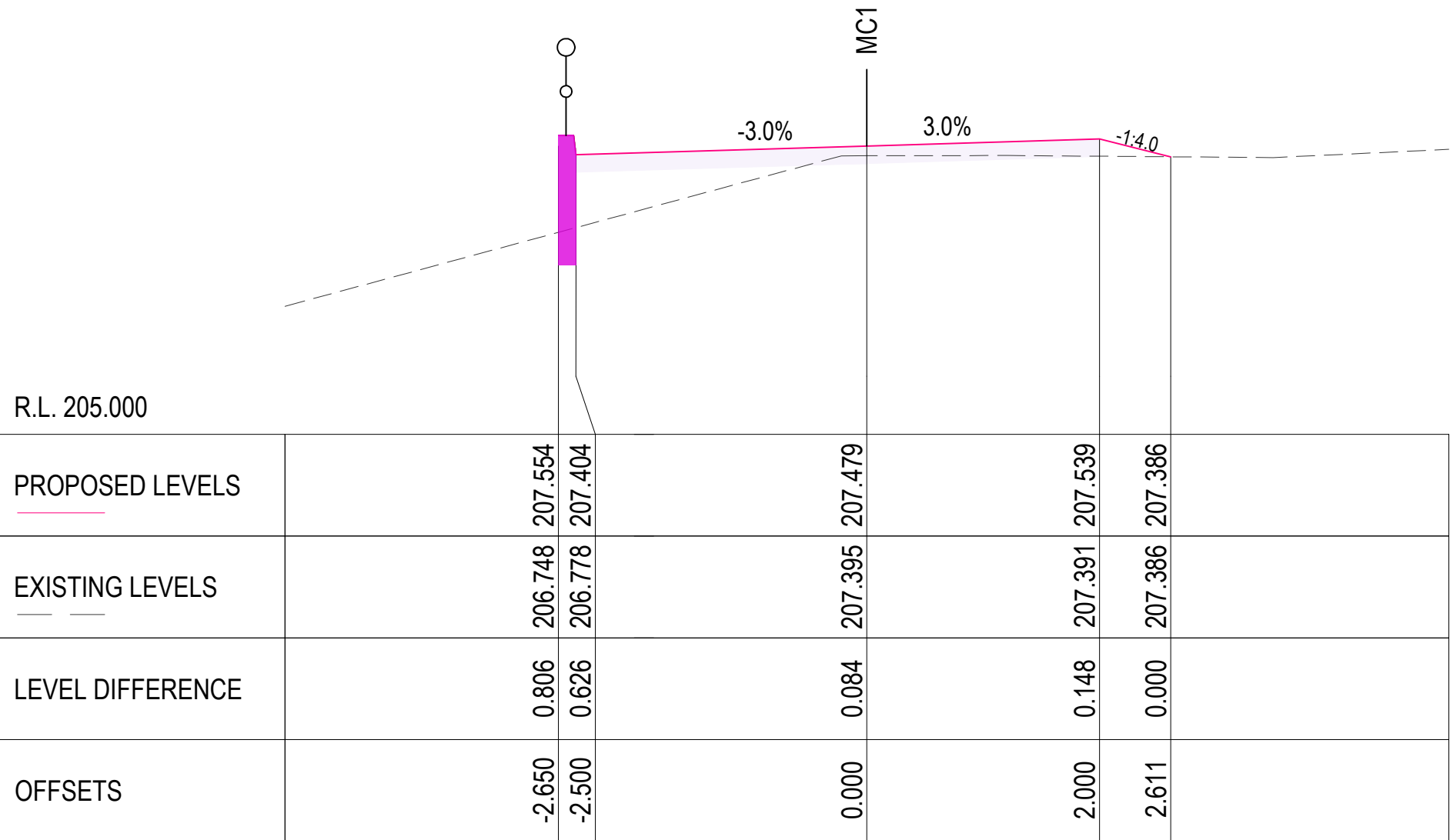




MC1 - CH 15.000

LEGEND:

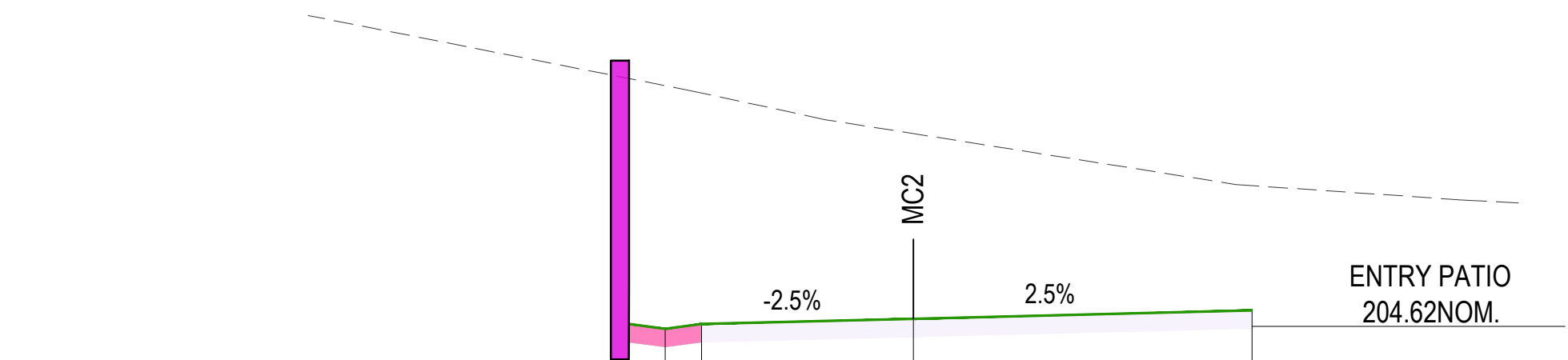
- INDICATES EXTENT OF PROPOSED INTERNAL DRIVEWAY TO STRUCTURAL ENGINEERS DETAIL
- INDICATES EXTENT OF PROPOSED REINFORCED CONCRETE DRAIN 600mm WIDE REFER TO CROSS SECTIONS FOR DIMENSIONS AND AMUNA PTY STORMWATER DRAWINGS ACE24116 SERIES 'S' FOR DETAILS
- INDICATES EXTENT OF PROPOSED RETAINING STRUCTURE, KERB, BARRIERS TO STRUCTURAL ENGINEERS DETAIL
- INDICATES EXTENT OF PROPOSED SUSPENDED MESH DRIVEWAY, FENCING AND BARRIERS TO STRUCTURAL ENGINEERS DETAIL



MC1 - CH 10.000

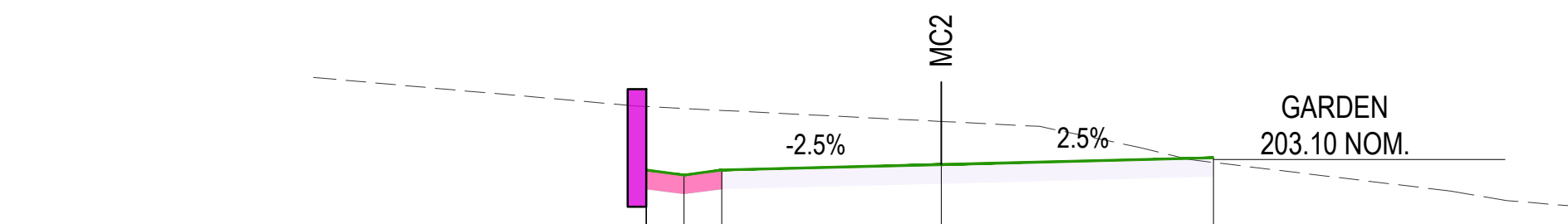
LEGEND:

- PROPOSED DESIGN SURFACE LEVELS - MC1
- PROPOSED DESIGN SURFACE LEVELS - MC2
- PROPOSED DESIGN SURFACE LEVELS - MC3
- EXISTING SURFACE LEVELS



R.L. 203.000						
PROPOSED LEVELS		204.639	204.639		204.683	204.753
EXISTING LEVELS		206.669	206.669	204.639		
LEVEL DIFFERENCE		-2.030	-2.030	-2.011	-1.531	-1.030
OFFSETS		-2.351	-2.350	-2.050	0.000	2.798

MC2 - CH 10.000



R.L. 202.000						
PROPOSED LEVELS		204.215	204.215		204.259	204.313
EXISTING LEVELS		204.721	204.721	204.215		
LEVEL DIFFERENCE		-0.505	-0.506	-0.530	-0.343	0.008
OFFSETS		-2.351	-2.350	-2.050	0.000	2.166

MC2 - CH 30.000

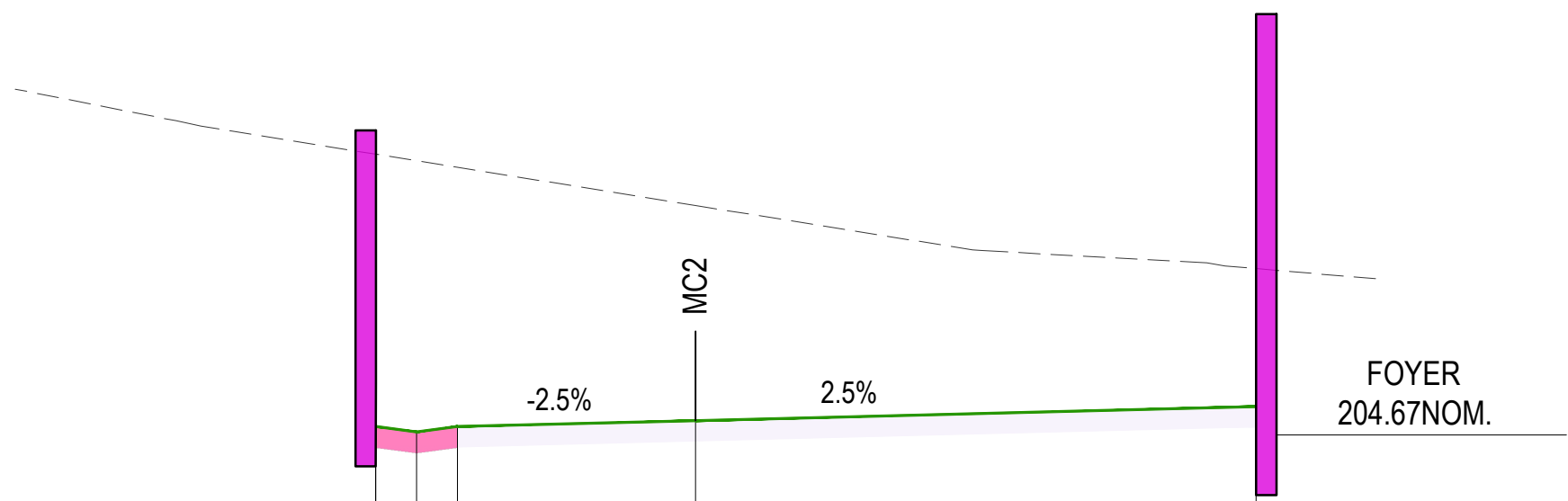
LEGEND:

INDICATES EXTENT OF PROPOSED INTERNAL DRIVEWAY TO STRUCTURAL ENGINEERS DETAIL

INDICATES EXTENT OF PROPOSED REINFORCED CONCRETE DRAIN 600mm WIDE REFER TO CROSS SECTIONS FOR DIMENSIONS AND AMUNA PTY STORMWATER DRAWINGS ACE24116 SERIES 'S' FOR DETAILS

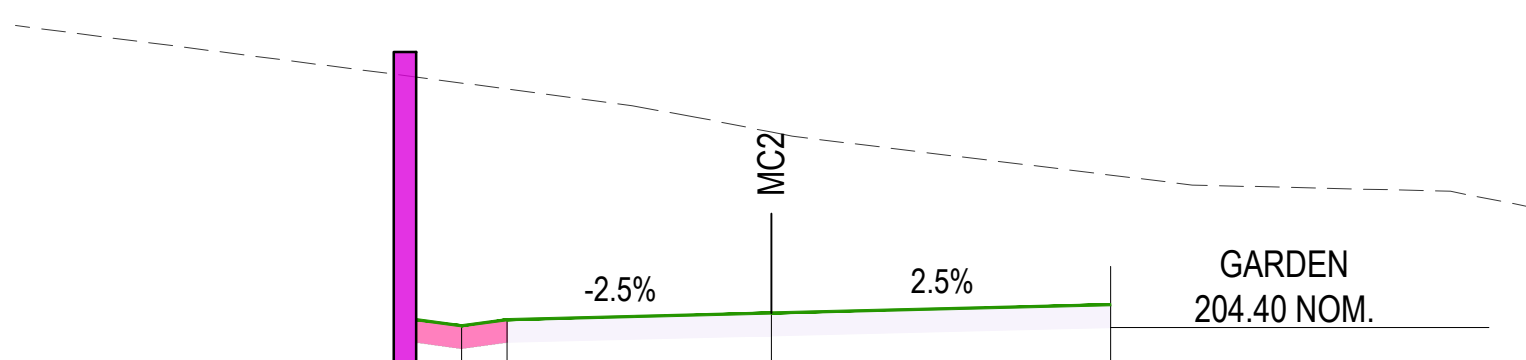
INDICATES EXTENT OF PROPOSED RETAINING STRUCTURE, KERB, BARRIERS TO STRUCTURAL ENGINEERS DETAIL

INDICATES EXTENT OF PROPOSED SUSPENDED MESH DRIVEWAY, FENCING AND BARRIERS TO STRUCTURAL ENGINEERS DETAIL



R.L. 203.000						
PROPOSED LEVELS		204.733	204.733		204.776	204.879
EXISTING LEVELS		206.736	206.735	204.733		
LEVEL DIFFERENCE		-2.003	-2.003	-1.995	-1.582	-1.015
OFFSETS		-2.351	-2.350	-2.050	0.000	4.122

MC2 - CH 05.000



R.L. 203.000						
PROPOSED LEVELS		204.452	204.452		204.496	204.551
EXISTING LEVELS		206.068	206.067	204.452		
LEVEL DIFFERENCE		-1.606	-1.606	-1.605	-1.197	-0.861
OFFSETS		-2.351	-2.350	-2.050	0.000	2.224

MC2 - CH 20.000

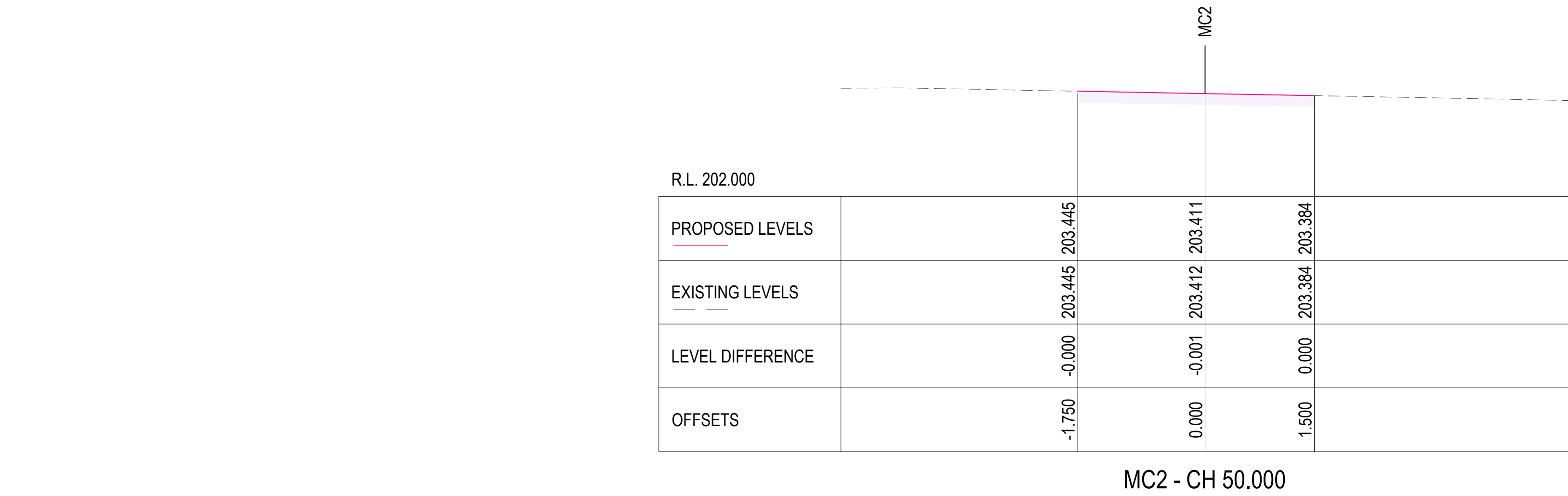
LEGEND:

PROPOSED DESIGN SURFACE LEVELS - MC1

PROPOSED DESIGN SURFACE LEVELS - MC2

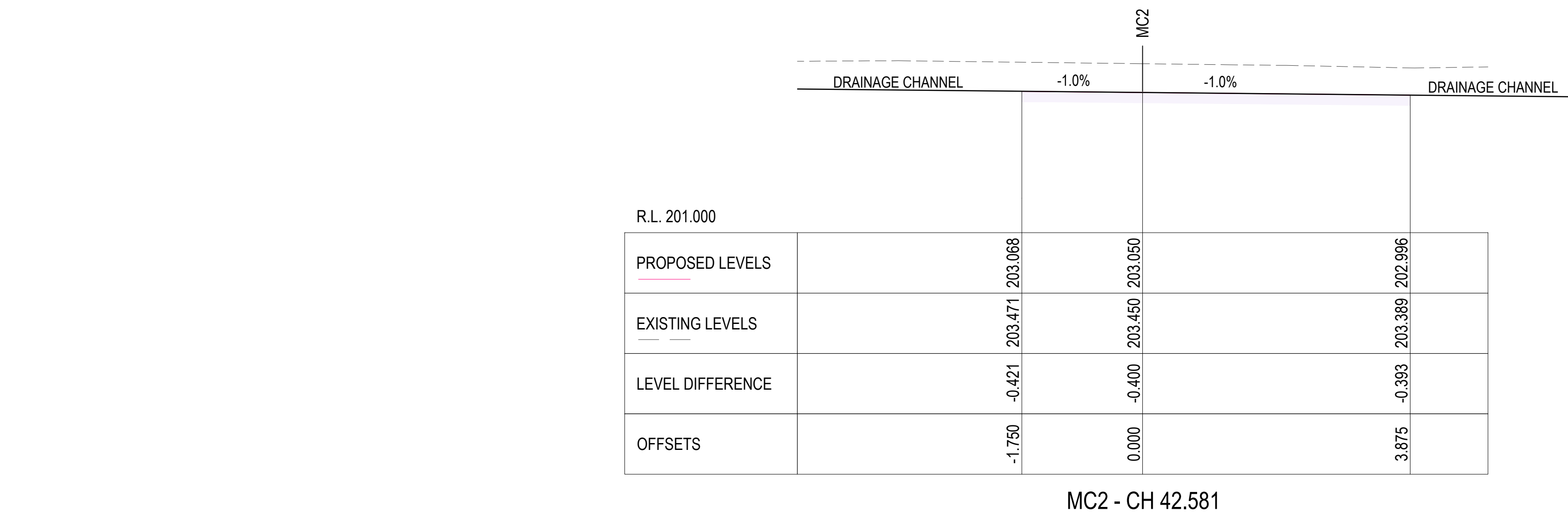
PROPOSED DESIGN SURFACE LEVELS - MC3

EXISTING SURFACE LEVELS



LEGEND:

- INDICATES EXTENT OF PROPOSED INTERNAL DRIVEWAY TO STRUCTURAL ENGINEERS DETAIL
- INDICATES EXTENT OF PROPOSED REINFORCED CONCRETE DRAIN 600mm WIDE REFER TO CROSS SECTIONS FOR DIMENSIONS AND AMUNA PTY STORMWATER DRAWINGS ACE24116 SERIES 'S' FOR DETAILS
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- INDICATES EXTENT OF PROPOSED SUSPENDED MESH DRIVEWAY, FENCING AND BARRIERS TO STRUCTURAL ENGINEERS DETAIL



LEGEND:

- PROPOSED DESIGN SURFACE LEVELS - MC1
- PROPOSED DESIGN SURFACE LEVELS - MC2
- PROPOSED DESIGN SURFACE LEVELS - MC3
- EXISTING SURFACE LEVELS

R.L. 207.000

PROPOSED LEVELS		209.039	209.039	209.039
EXISTING LEVELS		208.372	208.617	208.712
LEVEL DIFFERENCE		0.666	0.422	0.327
OFFSETS		-1.800	0.000	1.800

MC3 - CH 15.000

LEGEND:

INDICATES EXTENT OF PROPOSED INTERNAL DRIVEWAY TO STRUCTURAL ENGINEERS DETAIL

INDICATES EXTENT OF PROPOSED REINFORCED CONCRETE DRAIN 600mm WIDE REFER TO CROSS SECTIONS FOR DIMENSIONS AND AMUNA PTY STORMWATER DRAWINGS ACE24116 SERIES 'S' FOR DETAILS

INDICATES EXTENT OF PROPOSED RETAINING STRUCTURE, KERB, BARRIERS TO STRUCTURAL ENGINEERS DETAIL

INDICATES EXTENT OF PROPOSED SUSPENDED MESH DRIVEWAY, FENCING AND BARRIERS TO STRUCTURAL ENGINEERS DETAIL

LEGEND:

PROPOSED DESIGN SURFACE LEVELS - MC1

PROPOSED DESIGN SURFACE LEVELS - MC2

PROPOSED DESIGN SURFACE LEVELS - MC3

EXISTING SURFACE LEVELS

R.L. 208.000

PROPOSED LEVELS		209.938	209.938	209.938
EXISTING LEVELS		209.235	209.363	209.548
LEVEL DIFFERENCE		0.703	0.574	0.390
OFFSETS		-1.800	0.000	1.800

MC3 - CH 10.000

R.L. 209.000

PROPOSED LEVELS		210.726	210.726	210.726
EXISTING LEVELS		210.269	210.398	210.591
LEVEL DIFFERENCE		0.457	0.328	0.135
OFFSETS		-1.800	0.000	1.800

MC3 - CH 05.000

- NOTES:
1. ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH COUNCILS CIVIL SPEIFCATION
 2. STANDARD DRAWINGS TYPICAL IN NATURE. COUNCIL ENGINEERING COMMENTS TAKE PRECEDENCE

