



Consulting Engineers

STRUCTURAL - CIVIL - STORMWATER - REMEDIAL

GENERAL NOTES:

- G1. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION IF THE ISSUE DATE PRECEDES THE ISSUE DATE ON THE LATEST ARCHITECTURAL DRAWINGS.
- G2. DO NOT SCALE FROM THIS DRAWING.
- G3. ALL DIMENSIONS ARE TO BE VERIFIED ON SITE BY THE BUILDER BEFORE COMMENCING WITH ASSOCIATED WORK.

CIVIL GENERAL NOTES:

- GN1. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH AUSTRALIAN STANDARDS AND THE REQUIREMENTS OF LOCAL COUNCIL AND ANY APPLICABLE AUTHORITIES.
- GN2. NB CONSULTING TAKES NO RESPONSIBILITY AND ACCURACY OF SURVEY INFORMATION. SURVEY INFORMATION AND LEVELS TO BE CONFIRMED PRIOR TO CONSTRUCTION.
- GN3. FOR EXISTING CONTOURS AND LEVELS, REFER SURVEY PLAN. ALL LEVELS AND DIMENSIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION.
- GN4. ALL BATTERS, RETAINING WALLS, SHORING AND BULK EARTHWORKS TO FUTURE DETAILS BY OTHERS. ALL RETAINING WALLS GREATER THAN 900mm HIGH TO BE DESIGNED BY A QUALIFIED ENGINEER.
- GN5. APPROVAL REQUIRED WITH RELEVANT AUTHORITIES PRIOR TO RETAINING WALLS, SHORING, AND BATTERS IMPACTING NEIGHBOURING PROPERTIES AND INFRASTRUCTURE BEYOND BOUNDARIES.
- GN6. DRIVEWAY CROSSOVER & LAYBACK IN ACCORDANCE WITH COUNCIL SPECIFICATIONS AND DETAILS. UNLESS NOTED OTHERWISE.
- GN7. NATURE STRIP, PAVEMENT, GUTTER & FOOTWAY CROSSINGS TO COUNCIL SPECIFICATIONS.
- GN8. FILLING & REGRADING OF NATURE STRIP MAY BE REQUIRED TO ENSURE LEVELS AND GRADES MATCH ADJACENT LEVELS TO COUNCIL REQUIREMENTS & DETAILS.
- GN9. CONCRETE DRIVEWAY & JOINTING PLAN BY OTHERS.
- GN10. IMPACT OF PROPOSED WORKS ON EXISTING TREE/S. REFER ARCHITECT AND/OR ARBORIST REPORT FOR DETAILS AND SPECIFICATIONS.
- GN11. TRAFFIC CONTROL SIGNAGE AND TRAFFIC CONTROL MEASURES BY OTHERS.
- GN12. LINES AND MARKINGS BY OTHERS TO CONFORM TO MAIN ROADS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- GN13. DISABLED PARKING SIGNAGE TO AS2890.
- GN14. DISABLED PARKING TO COMPLY WITH AS2890.6. REFER ARCHITECT FOR SPECIFICATIONS AND DETAILS.
- GN15. REFER ARCHITECT FOR LATEST PLANS AND EXTENTS OF PROPOSED BUILDING WORKS & STRUCTURES. TO BE CONFIRMED PRIOR TO CONSTRUCTION.
- GN16. COUNCIL APPROVAL MAY BE REQUIRED PRIOR TO COMMENCING CONSTRUCTION.
- GN17. NOTICE PRIOR TO COMMENCEMENT OR WORKS: AT LEAST SEVEN (7) DAYS BEFORE COMMENCEMENT OF ANY EXCAVATION OR DEMOLITION WORKS, THE BUILDER OR CLIENT MUST GIVE NOTICE TO THE OWNER(S) OF THE ADJOINING PROPERTY(S) AND PROVIDE DETAILS OF THE PROPOSED WORKS. FURTHER, THE ADJOINING OWNER MUST BE MADE AWARE OF THE RISK OF MINOR CRACKING DUE TO VIBRATIONS DURING CONSTRUCTION. THE BUILDER OR CLIENT IS RESPONSIBLE TO RECTIFY ANY DAMAGE WHICH MAY OCCUR AT THEIR OWN COST.
- GN18. ANY EXCAVATION MUST NOT EXTEND BELOW NEIGHBOURING FOOTINGS. THE BUILDER MUST IMMEDIATELY NOTIFY THE STRUCTURAL AND GEOTECHNICAL ENGINEER IF, AT ANY TIME, EXCAVATION INADVERTENTLY EXTENDS BELOW NEIGHBOURING FOOTINGS. THE ENGINEERS WILL BOTH NEED TO COME OUT AND INSPECT AND IF NECESSARY PROVIDE UNDERPINNING OR ADDITIONAL SUPPORT DETAILS.
- GN19. GARAGE ENTRY STEP GRADED AS PER ARCHITECTS SPECIFICATIONS & DETAILS.
- GN20. VEHICLE BARRIERS & BALUSTRADING IN ACCORDANCE WITH AUSTRALIAN STANDARDS. REFER ARCHITECT FOR SPECIFICATIONS AND DETAILS.
- GN21. VEHICLE CRASH BARRIERS AND BALUSTRADING TO COMPLY WITH AS3845 ROAD SAFETY BARRIER SYSTEMS AND DEVICES. REFER ARCHITECT FOR SPECIFICATIONS AND DETAILS.

VEHICLE PROFILE NOTES

- VP1. ANY VEHICLE PROFILE ANALYSIS SUCH AS THE B85 PROFILE IS NORMALLY UNDERTAKEN ALONG THE DETAILED LONGITUDINAL SECTIONS WHICH HAVE GENERALLY BEEN LOCATED IN ACCORDANCE WITH COUNCIL POLICY. UNLESS NOTED OTHERWISE, THIS MAY NOT NECESSARILY REPRESENT THE WORSE CASE ANALYSIS.
- VP2. SWEPT PATH ANALYSIS HAS ONLY BEEN UNDERTAKEN AS THAT SHOWN, REFER SWEPT PATH ANALYSIS PLAN/S.

AS2890.1 OFF-STREET CAR PARKING NOTES:

- CP1. PARKING SPACE REQUIREMENTS TO COMPLY WITH AS2890.1. REFER ARCHITECT FOR SPECIFICATIONS AND DETAILS.
- CP2. MINIMUM DRIVEWAY WIDTHS, CLEARANCES, INCLUDING HEAD CLEARANCES TO COMPLY WITH AS2890.1 REFER ARCHITECT FOR SPECIFICATIONS & DETAILS.
- CP3. GARAGE DOORWAY OPENING WIDTH BY OTHERS REFER ARCHITECT FOR SPECIFICATIONS AND DETAILS TO COMPLY WITH AS2890.1.
- CP4. BARRIERS REQUIRED WHERE DRIVEWAY DROP EXCEEDS 600mm. WHEEL STOP REQUIRED WHERE DRIVEWAY DROP IS BETWEEN 150-600mm. REFER ARCHITECT & LANDSCAPE ARCHITECT FOR SPECIFICATIONS AND DETAILS.
- CP5. VEHICULAR SIGHT LINES TO COMPLY WITH AS2890.1.

AS2890.2 OFF-STREET COMMERCIAL VEHICLE NOTES:

- CV1. MINIMUM DRIVEWAY WIDTHS, CLEARANCES, INCLUDING HEAD CLEARANCES TO COMPLY WITH AS2890.2 REFER ARCHITECT FOR SPECIFICATIONS & DETAILS.
- CV2. VEHICULAR SIGHT LINES TO COMPLY WITH AS2890.2.

CIVIL STORMWATER NOTES

- CS1. APPROVAL MAY BE REQUIRED WITH RELEVANT AUTHORITIES PRIOR TO RETAINING WALLS, SHORING, BATTERS & DRAINAGE IMPACTING NEIGHBOURING PROPERTIES AND INFRASTRUCTURE BEYOND BOUNDARIES.
- GS2. STORMWATER AND DRAINAGE BY OTHERS TO AS3500 AND COUNCIL SPECIFICATIONS AND DETAILS.
- GS3. DRIVEWAY AND CIVIL WORKS DRAINAGE SUCH AS GRATED DRAINS & PITS HAVE NOT BEEN SHOWN. REFER ARCHITECT AND/OR HYDRAULIC ENGINEER FOR SPECIFICATIONS & DETAILS. PRIOR APPROVAL MAY BE REQUIRED WITH COUNCIL PRIOR TO CONSTRUCTION.
- CS4. EXISTING DRAINAGE ACROSS NATURE STRIP & KERBS IMPACTING PROPOSED WORKS TO BE RELOCATED OR UPGRADED AS REQUIRED BY OTHERS IN AN APPROVED MANNER. REFER ARCHITECT FOR SPECIFICATIONS AND DETAILS.
- CS5. STORMWATER FLOOD ANALYSIS AND/OR FREEBOARD LEVELS IF REQUIRED HAVE NOT BEEN PROVIDED FOR THIS CIVIL/DRIVEWAY ACCESS PLAN. COUNCIL TO CONFIRM IF REQUIRED PRIOR TO CONSTRUCTION.

CADASTRAL REFERENCE MARKS, SURVEY PMs OR SSMs

RS1: PURSUANT TO THE SURVEYING AND SPATIAL INFORMATION ACT, ANY CADASTRAL REFERENCE MARKS, SURVEY PMs OR SSMs THAT ARE ON KERBS, FOOTPATHS OR SIMILAR THAT MAY BE AFFECTED BY CONSTRUCTION OR MAINTENANCE, NEED TO BE IDENTIFIED AND SURVEYED BY A REGISTERED LAND SURVEYOR BEFORE THEY ARE DESTROYED OR DISTURBED, PERSONAL FINES APPLY FOR BREACHES OF THE ACT.

DIAL BEFORE YOU DIG NOTE:

NO INVESTIGATION OF UNDERGROUND SERVICES HAS BEEN MADE. ALL RELEVANT AUTHORITIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION ON OR NEAR THE SITE DEVELOPERS & EXCAVATORS MAY BE HELD FINANCIALLY RESPONSIBLE BY THE ASSET OWNER SHOULD THEY DAMAGE UNDERGROUND NETWORKS.

CARELESS DIGGING CAN:

- CAUSE DEATH OR SERIOUS INJURY TO WORKERS AND THE GENERAL PUBLIC
- INCONVENIENCE USERS OF ELECTRICITY, GAS, WATER AND COMMUNICATIONS
- LEAD TO CRIMINAL PROSECUTION AND DAMAGES CLAIMS
- CAUSE EXPENSIVE FINANCIAL LOSSES TO BUSINESS
- CUT OFF EMERGENCY SERVICES
- DELAY PROJECT COMPLETION TIMES WHILE THE DAMAGE IS REPAIRED



MINIMISE YOUR RISK AND CONTACT www.byda.com.au BEFORE YOU DIG.

DRAWING SCHEDULE:

DRAWING	DRAWING NUMBER	DATE AND REVISION									
		11/03/2024									
CIVIL GENERAL NOTES & DRAWING SCHEDULE	C00	B									
DRIVEWAY ACCESS PLAN - SHEET 1	C01	B									
DRIVEWAY ACCESS PLAN - SHEET 2	C02	B									
PROPOSED CONTOUR LAYOUT PLAN (APPROXIMATE)	C03	B									
LONGITUDINAL SECTIONS - SHEET 1	C10	B									
LONGITUDINAL SECTIONS - SHEET 2	C11	B									
LONGITUDINAL SECTIONS - SHEET 3	C12	B									
LONGITUDINAL SECTIONS - SHEET 4	C13	B									
LONGITUDINAL SECTIONS - SHEET 5	C14	B									
3D VIEWS (APPROXIMATE)	C20	B									
SWEPT PATH ANALYSIS LAYOUT PLAN - SHEET 1	C30	B									

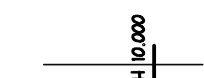
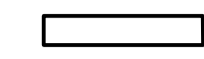
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AI		DOCUMENT CERTIFICATION		 STRUCTURAL - CIVIL - STORMWATER - REMEDIAL A.C.N. 076 121 616 A.B.N. 24 076 121 616 Sydney: Ph: (02) 9984 7000 Fax: (02) 9984 7444 Suite 207, 30 Fisher Road Dee Why N.S.W. 2099 Gold Coast: Ph: (07) 5631 4744 Unit 8, 1726 Gold Coast Highway Burleigh Heads QLD 4220 E : nb@nbconsulting.com.au W : www.nbconsulting.com.au		Architect: STEPHEN LESIUK ARCHITECT Client: ROGER BAIN		Project: ALTERATIONS AND ADDITIONS AT 6 MITCHELL ROAD, PALM BEACH Drawing Title: CIVIL GENERAL NOTES & DRAWING SCHEDULE		Date: OCT 2019 Design: D.K. Drawn: D.K.		Job No: 191031 Drawing No: C00 Issue: B	
Date:	Issue:	Description:		By:	Review:								
11/03/2024	B	ISSUED FOR DA SUBMISSION ONLY - NOT FOR CONSTRUCTION		D.K.	M.W.								

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LEGEND:

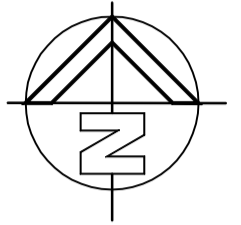
-  CHAINAGES
-  PROPOSED DRIVEWAY OUTLINE

CIVIL NOTES:



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DRIVEWAY ACCESS PLAN

SCALE = 1 : 50

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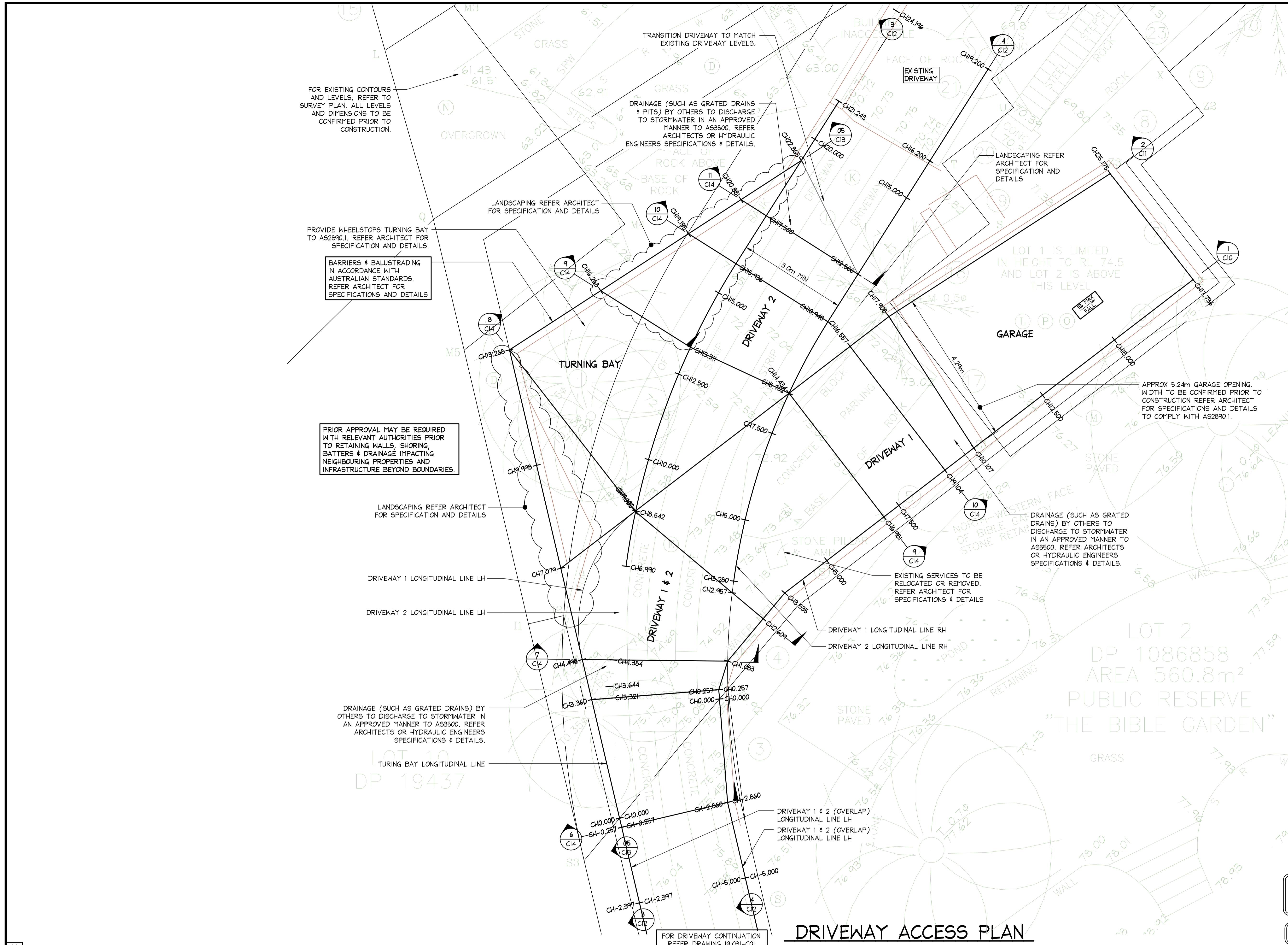
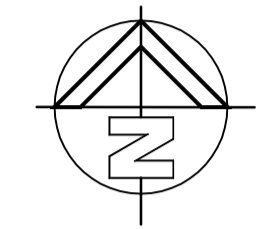
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		DOCUMENT CERTIFICATION		NB Consulting Engineers STRUCTURAL - CIVIL - STORMWATER - REMEDIAL A.C.N. 076 121 616 A.B.N. 24 076 121 616		Architect: STEPHEN LESIUK ARCHITECT		Project: ALTERATIONS AND ADDITIONS AT 6 MITCHELL ROAD, PALM BEACH		Date: OCT 2019	Design: D.K.	Drawn: D.K.
		Date: 19 Mar '24 Rick G Wray Ref: BE(Civil), CP(Eng, MIE Aust.), NER, RPEQ: 08293. (Director NB Consulting Engineers)		Sydney: Ph: (02) 9984 7000 Fax: (02) 9984 7444 Suite 207, 30 Fisher Road Dee Why N.S.W. 2099 Gold Coast: Ph: (07) 5631 4744 Unit 8, 1726 Gold Coast Highway Burleigh Heads QLD 4220 E: nb@nbconsulting.com.au W: www.nbconsulting.com.au		Client: ROGER BAIN		Drawing Title: DRIVEWAY ACCESS PLANS - SHEET 1		Job No: 191031	Drawing No: C01	Issue: B
Date:	Issue:	Description: ISSUED FOR DA SUBMISSION ONLY - NOT FOR CONSTRUCTION		By: D.K.	Review: M.W.							

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FOR EXISTING CONTOURS AND LEVELS, REFER TO SURVEY PLAN. ALL LEVELS AND DIMENSIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION.

PROVIDE WHEELSTOPS TURNING BAY TO AS2890.1. REFER ARCHITECT FOR SPECIFICATION AND DETAILS.

BARRIERS & BALUSTRADING IN ACCORDANCE WITH AUSTRALIAN STANDARDS. REFER ARCHITECT FOR SPECIFICATIONS AND DETAILS.

PRIOR APPROVAL MAY BE REQUIRED WITH RELEVANT AUTHORITIES PRIOR TO RETAINING WALLS, SHORING, BATTERS & DRAINAGE IMPACTING NEIGHBOURING PROPERTIES AND INFRASTRUCTURE BEYOND BOUNDARIES.

LANDSCAPING REFER ARCHITECT FOR SPECIFICATION AND DETAILS.

DRIVEWAY 1 LONGITUDINAL LINE LH
DRIVEWAY 2 LONGITUDINAL LINE LH

DRAINAGE (SUCH AS GRATED DRAINS) BY OTHERS TO DISCHARGE TO STORMWATER IN AN APPROVED MANNER TO AS3500. REFER ARCHITECTS OR HYDRAULIC ENGINEERS SPECIFICATIONS & DETAILS.

TURNING BAY LONGITUDINAL LINE

TRANSITION DRIVEWAY TO MATCH EXISTING DRIVEWAY LEVELS.

DRAINAGE (SUCH AS GRATED DRAINS & PITS) BY OTHERS TO DISCHARGE TO STORMWATER IN AN APPROVED MANNER TO AS3500. REFER ARCHITECTS OR HYDRAULIC ENGINEERS SPECIFICATIONS & DETAILS.

LANDSCAPING REFER ARCHITECT FOR SPECIFICATION AND DETAILS.

LANDSCAPING REFER ARCHITECT FOR SPECIFICATION AND DETAILS.

LOT 1 IS LIMITED IN HEIGHT TO RL 74.5 AND LOT 2 IS ABOVE THIS LEVEL.

APPROX 5.24m GARAGE OPENING. WIDTH TO BE CONFIRMED PRIOR TO CONSTRUCTION REFER ARCHITECT FOR SPECIFICATIONS AND DETAILS TO COMPLY WITH AS2890.1.

DRAINAGE (SUCH AS GRATED DRAINS) BY OTHERS TO DISCHARGE TO STORMWATER IN AN APPROVED MANNER TO AS3500. REFER ARCHITECTS OR HYDRAULIC ENGINEERS SPECIFICATIONS & DETAILS.

EXISTING SERVICES TO BE RELOCATED OR REMOVED. REFER ARCHITECT FOR SPECIFICATIONS & DETAILS.

DRIVEWAY 1 LONGITUDINAL LINE RH
DRIVEWAY 2 LONGITUDINAL LINE RH

DRIVEWAY 1 & 2 (OVERLAP) LONGITUDINAL LINE LH
DRIVEWAY 1 & 2 (OVERLAP) LONGITUDINAL LINE LH

FOR DRIVEWAY CONTINUATION REFER DRAWING 191031-C01

DRIVEWAY ACCESS PLAN

SCALE = 1 : 50

ISSUED FOR DA SUBMISSION ONLY NOT FOR CONSTRUCTION

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A1

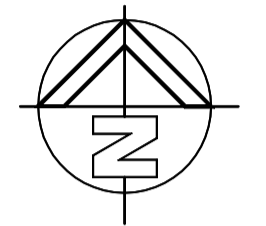
DOCUMENT CERTIFICATION		NB Consulting Engineers STRUCTURAL - CIVIL - STORMWATER - REMEDIAL A.C.N. 076 121 616 A.B.N. 24 076 121 616 Sydney: Ph: (02) 9984 7000 Fax: (02) 9984 7444 Suite 207, 30 Fisher Road Dee Why N.S.W. 2099 Gold Coast: Ph: (07) 5631 4744 Unit 8, 1726 Gold Coast Highway Burleigh Heads QLD 4220 E : nb@nbconsulting.com.au W : www.nbconsulting.com.au		Architect:	Project:	Date:	Design:	Drawn:	
Date: 19 Mar '24 Rick G Wray Ref: BE(Civil), CPEng, MIEAust., NER, RPEQ: 08293. (Director NB Consulting Engineers) The copyright of this drawing remains with Northern Beaches Consulting Engineers Pty Ltd. Trading as NB Consulting Engineers		STEPHEN LESIUK ARCHITECT		ALTERATIONS AND ADDITIONS AT 6 MITCHELL ROAD, PALM BEACH	OCT 2019	D.K.	D.K.		
Date:	Issue:	Description:	By:	Review:	Client:	Drawing Title:	Job No:	Drawing No:	Issue:
11/03/2024	B	ISSUED FOR DA SUBMISSION ONLY - NOT FOR CONSTRUCTION	D.K.	M.W.	ROGER BAIN	DRIVEWAY ACCESS PLANS - SHEET 2	191031	C02	B

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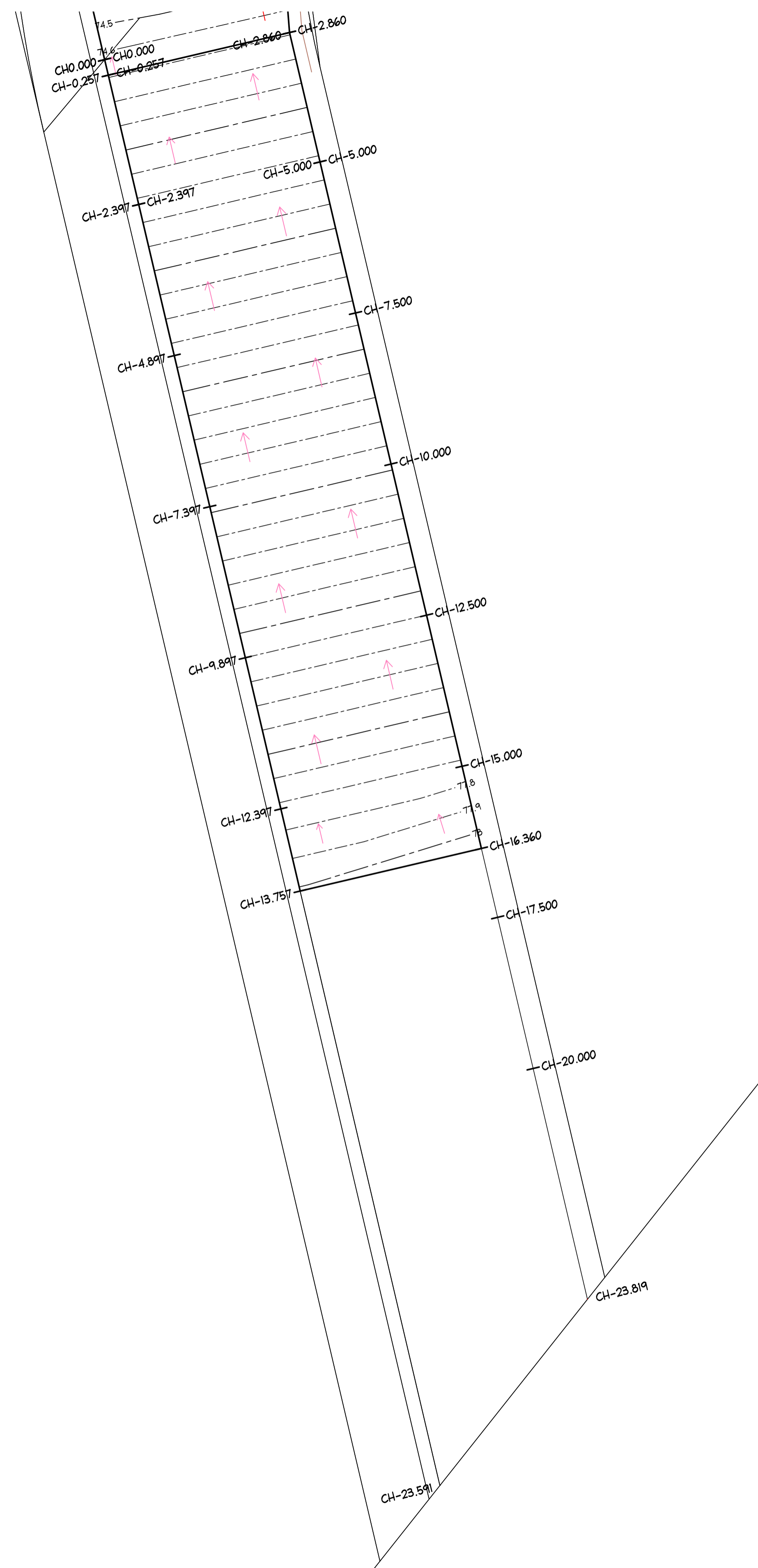
PROPOSED CONTOUR LEVELS ARE INDICATIVE ONLY. ALL LEVELS TO BE CONFIRMED PRIOR TO CONSTRUCTION. DO NOT SCALE.



GRADES ARROW SLOPE TABLE

SLOPE RANGES [%]	COLOUR
0.50 to 3.00	Blue
3.00 to 5.00	Green
5.00 to 6.25	Yellow
6.25 to 12.50	Orange
12.50 to 17.50	Red
17.50 to 25.00	Pink
25.00 to 28.00	Light Blue
28.00 to 30.00	White

1) SLOPE ARROWS TO BE READ IN COLOUR ONLY. DO NOT INTERPRET DATA IN BLACK & WHITE PRINT.



PROPOSED CONTOUR & SPOT LEVELS LAYOUT PLAN (APPROXIMATE)
NOT TO SCALE

ISSUED FOR DA SUBMISSION ONLY NOT FOR CONSTRUCTION

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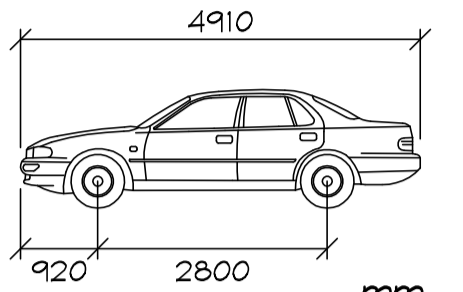
AI		DOCUMENT CERTIFICATION		NB Consulting Engineers STRUCTURAL - CIVIL - STORMWATER - REMEDIAL A.C.N. 076 121 616 A.B.N. 24 076 121 616 Sydney: Ph: (02) 9984 7000 Fax: (02) 9984 7444 Suite 207, 30 Fisher Road Dee Why N.S.W. 2099 Gold Coast: Ph: (07) 5631 4744 Unit 8, 1726 Gold Coast Highway Burleigh Heads QLD 4220 E: nb@nbconsulting.com.au W: www.nbconsulting.com.au		Architect: STEPHEN LESIUK ARCHITECT Client: ROGER BAIN		Project: ALTERATIONS AND ADDITIONS AT 6 MITCHELL ROAD, PALM BEACH Drawing Title: PROPOSED CONTOUR & SPOT LEVELS LAYOUT PLAN (APPROXIMATE)		Date: OCT 2019 Design: D.K. Drawn: D.K.	
Date:	Issue:	Description:	By:	Review:	The copyright of this drawing remains with Northern Beaches Consulting Engineers Pty Ltd. Trading as NB Consulting Engineers		Job No: 191031 Drawing No: C03 Issue: B				
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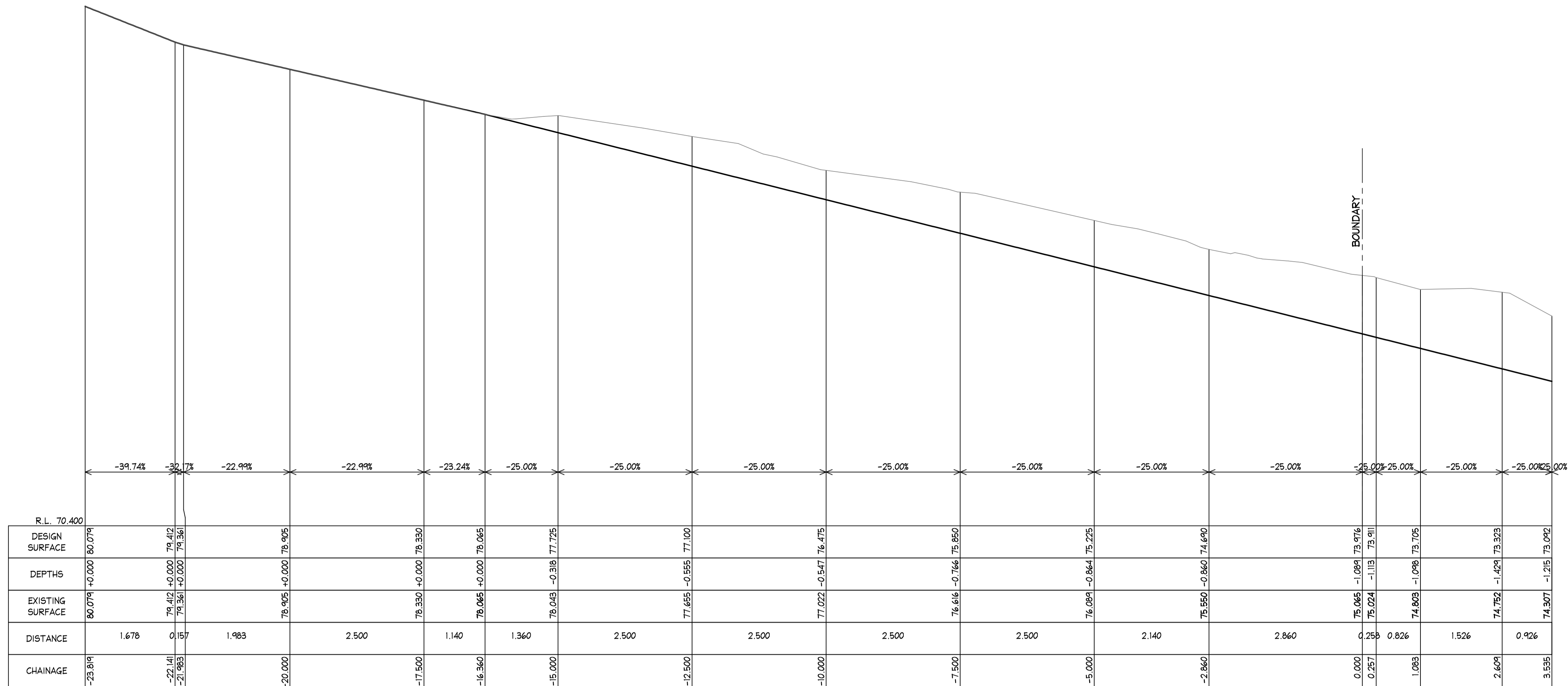


B85 PROFILE:



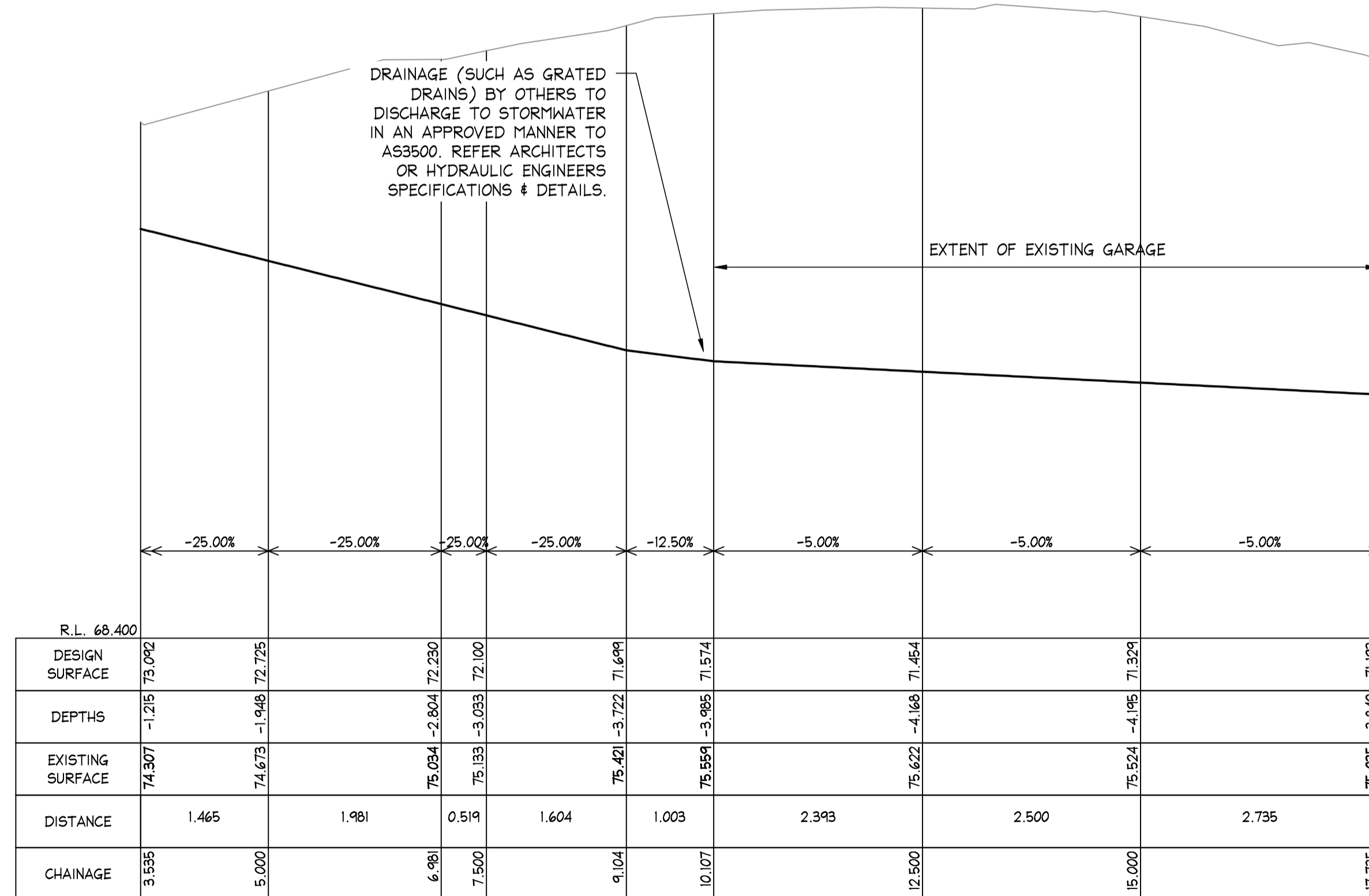
Width : 1870
Track : 1770
Lock to Lock Time : 6.0
Steering Angle : 34.1

PRIOR APPROVAL MAY BE REQUIRED WITH RELEVANT AUTHORITIES PRIOR TO RETAINING WALLS, SHORING, BATTERS & DRAINAGE IMPACTING NEIGHBOURING PROPERTIES AND INFRASTRUCTURE BEYOND BOUNDARIES.



LONGITUDINAL SECTION DRIVEWAY 1 RH
FROM CH: -23.819 TO CH: 3.535
SCALES: HORIZONTAL 1:50 VERTICAL 1:50

SECTION 2
C01, C02



LONGITUDINAL SECTION DRIVEWAY 1 RH
FROM CH: 3.535 TO CH: 17.736
SCALES: HORIZONTAL 1:50 VERTICAL 1:50

SECTION 2
C01, C02

ISSUED FOR DA SUBMISSION ONLY NOT FOR CONSTRUCTION

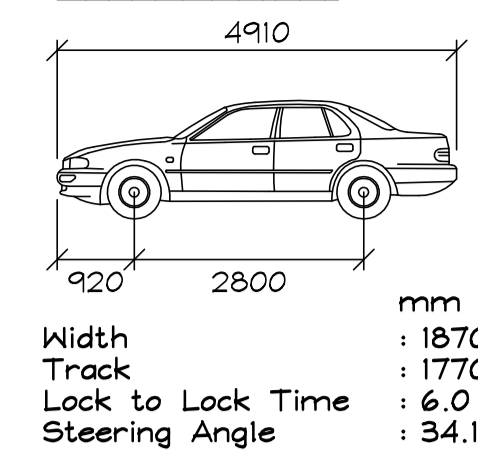
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Date:	Issue:		STEPHEN LESIUK ARCHITECT	ALTERATIONS AND ADDITIONS AT 6 MITCHELL ROAD, PALM BEACH	OCT 2019	D.K.	D.K.
11/03/2024	B	Rick G Wray Ref:..... BE(Civil), CP(Eng, MIEAust.), NER, RPEQ: 08293. (Director NB Consulting Engineers) <small>The copyright of this drawing remains with Northern Beaches Consulting Engineers Pty Ltd. Trading as NB Consulting Engineers</small>	Client:	Drawing Title:	Job No:	Drawing No:	Issue:
			ROGER BAIN	LONGITUDINAL SECTIONS - SHEET 2	191031	C11	B

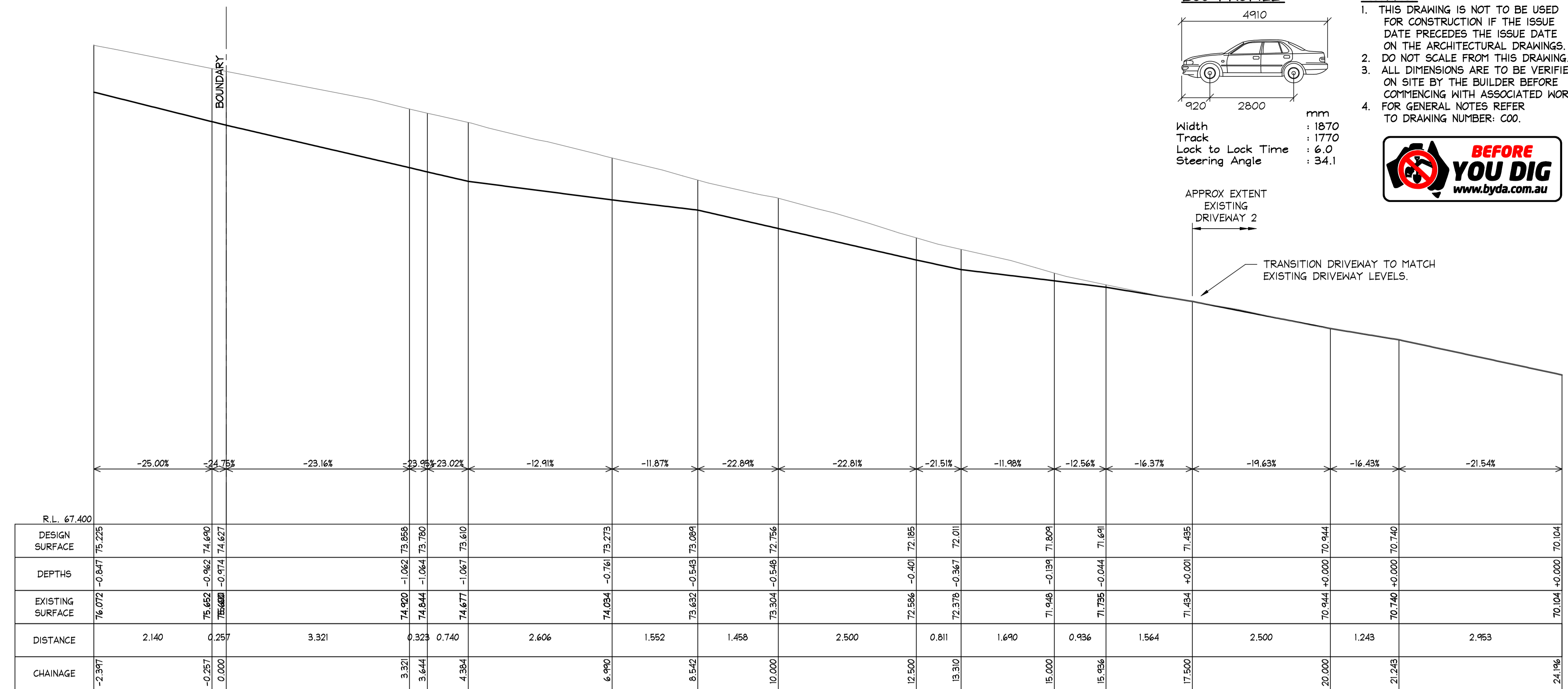
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B85 PROFILE:



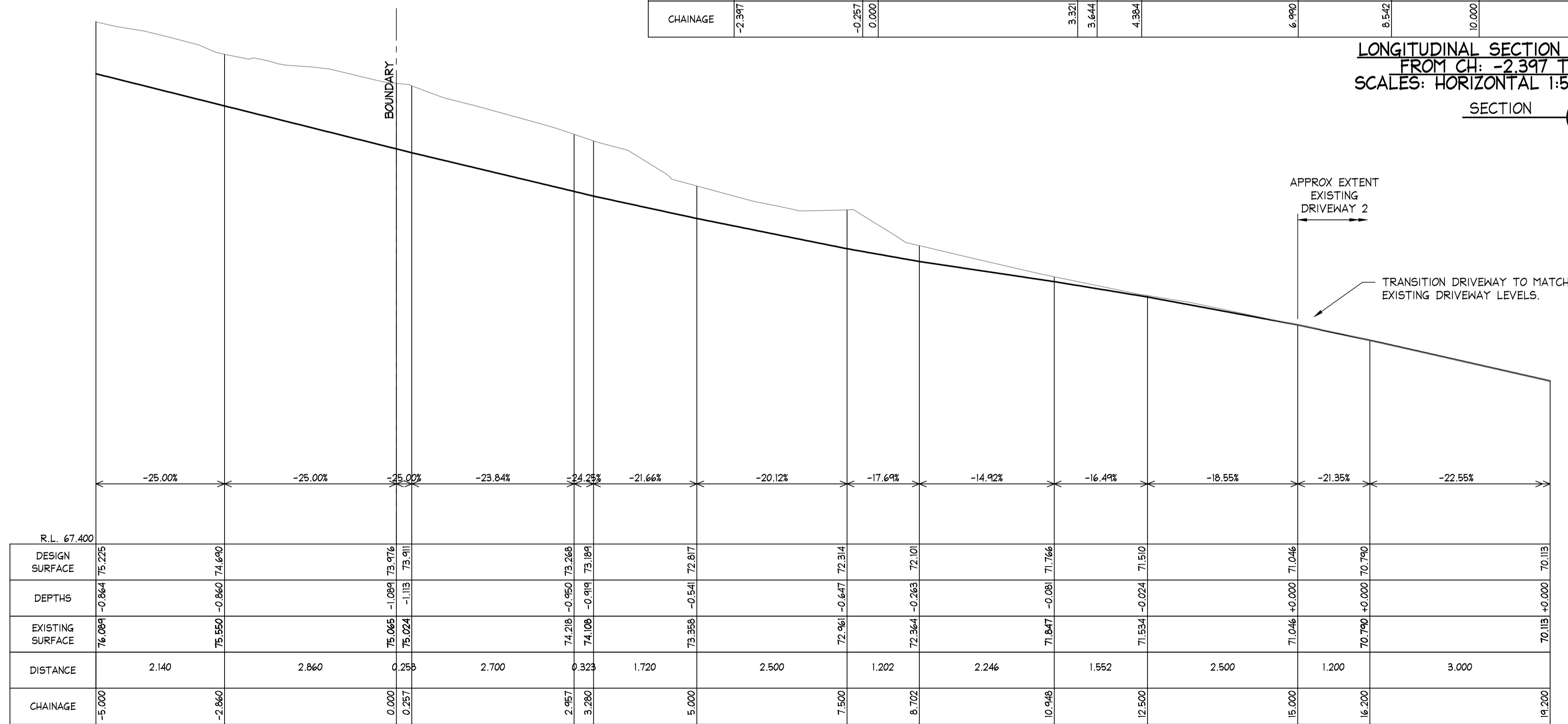
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LONGITUDINAL SECTION DRIVEWAY 2 LH
 FROM CH: -2.397 TO CH: 24.196
 SCALES: HORIZONTAL 1:50 VERTICAL 1:50

SECTION 3
C02



LONGITUDINAL SECTION DRIVEWAY 2 RH
 FROM CH: -5.000 TO CH: 19.200
 SCALES: HORIZONTAL 1:50 VERTICAL 1:50

SECTION 4
C02

PRIOR APPROVAL MAY BE REQUIRED WITH RELEVANT AUTHORITIES PRIOR TO RETAINING WALLS, SHORING, BATTERS & DRAINAGE IMPACTING NEIGHBOURING PROPERTIES AND INFRASTRUCTURE BEYOND BOUNDARIES.

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Date: 11/03/2024	Issue: B	Description: ISSUED FOR DA SUBMISSION ONLY - NOT FOR CONSTRUCTION	By: D.K.	Review: M.W.	Client: ROGER BAIN	Drawing Title: LONGITUDINAL SECTIONS - SHEET 3	Job No: 191031	Drawing No: C12	Issue: B

NB Consulting Engineers

EXTENT DRIVEWAY 1 & 2

R.L. 69.000	
DESIGN SURFACE	74.690
DEPTHS	-0.962 -0.860 74.690
EXISTING SURFACE	75.652 75.550
DISTANCE	3.000
CHAINAGE	0.000 3.000

LONGITUDINAL CROSS SECTION
 SCALES: HORIZONTAL 1:100 VERTICAL 1:100
 SECTION 6
 C01, C02

EXTENT DRIVEWAY 1
 EXTENT DRIVEWAY 2

R.L. 67.800	
DESIGN SURFACE	73.584 73.610
DEPTHS	-1.044 -1.087 -1.098 73.705
EXISTING SURFACE	74.628 74.677 74.809
DISTANCE	0.851 3.160
CHAINAGE	0.000 0.851 4.011

LONGITUDINAL CROSS SECTION
 SCALES: HORIZONTAL 1:100 VERTICAL 1:100
 SECTION 7
 C02

PROVIDE WHEELSTOPS TURNING BAY TO AS2890.1. REFER ARCHITECT FOR SPECIFICATION AND DETAILS.

BARRIERS & BALUSTRADING IN ACCORDANCE WITH AUSTRALIAN STANDARDS. REFER ARCHITECT FOR SPECIFICATIONS AND DETAILS

EXTENT DRIVEWAY 1
 EXTENT DRIVEWAY 2

R.L. 62.000	
DESIGN SURFACE	72.545 72.714 73.093 73.267
DEPTHS	+4.942 +0.768 -0.542 -0.981 -1.425 73.323
EXISTING SURFACE	67.623 71.946 73.635 74.218 74.752
DISTANCE	2.982 2.661 3.495 1.116
CHAINAGE	0.000 2.982 5.642 9.137 10.253

LONGITUDINAL CROSS SECTION
 SCALES: HORIZONTAL 1:100 VERTICAL 1:100
 SECTION 8
 C02

- NOTES:**
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 - FOR GENERAL NOTES REFER TO DRAWING NUMBER: C00.



PRIOR APPROVAL MAY BE REQUIRED WITH RELEVANT AUTHORITIES PRIOR TO RETAINING WALLS, SHORING, BATTERS & DRAINAGE IMPACTING NEIGHBOURING PROPERTIES AND INFRASTRUCTURE BEYOND BOUNDARIES.

EXTENT DRIVEWAY 2
 EXTENT DRIVEWAY 1

R.L. 60.200	
DESIGN SURFACE	72.265 72.011 72.101
DEPTHS	+6.321 -0.367 -0.263 -2.864 72.250
EXISTING SURFACE	65.948 72.378 72.364 75.094
DISTANCE	2.927 3.000 4.300
CHAINAGE	0.000 2.927 5.927 10.227

LONGITUDINAL CROSS SECTION
 SCALES: HORIZONTAL 1:100 VERTICAL 1:100
 SECTION 9
 C02

LANDSCAPING REFER ARCHITECT FOR SPECIFICATION AND DETAILS

EXTENT DRIVEWAY 1
 EXTENT DRIVEWAY 2

R.L. 62.400	
DESIGN SURFACE	71.792 71.691 71.766 71.699
DEPTHS	+3.616 -0.044 -0.081 -1.064 -3.722 71.699
EXISTING SURFACE	68.116 71.795 72.783 72.763 75.421
DISTANCE	1.547 3.000 0.914 4.300
CHAINAGE	0.000 1.547 4.547 5.462 9.762

LONGITUDINAL CROSS SECTION
 SCALES: HORIZONTAL 1:100 VERTICAL 1:100
 SECTION 10
 C02

LANDSCAPING REFER ARCHITECT FOR SPECIFICATION AND DETAILS

EXTENT DRIVEWAY 2

R.L. 64.400	
DESIGN SURFACE	71.510 71.510 71.510
DEPTHS	+1.348 -0.076 -0.000 -0.024 71.510
EXISTING SURFACE	70.162 71.484 71.510 71.534
DISTANCE	0.827 0.442 2.558
CHAINAGE	0.000 0.827 1.269 3.827

LONGITUDINAL CROSS SECTION
 SCALES: HORIZONTAL 1:100 VERTICAL 1:100
 SECTION 11
 C02

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IF IN DOUBT ASK

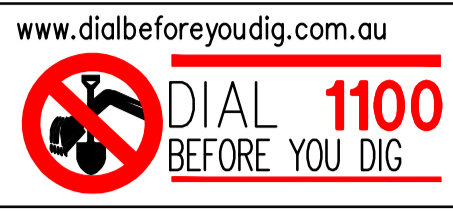
AI

DOCUMENT CERTIFICATION		 STRUCTURAL - CIVIL - STORMWATER - REMEDIAL A.C.N. 076 121 616 A.B.N. 24 076 121 616 Sydney: Ph: (02) 9984 7000 Fax: (02) 9984 7444 Suite 207, 30 Fisher Road Dee Why N.S.W. 2099 Gold Coast: Ph: (07) 5631 4744 Unit 8, 1726 Gold Coast Highway Burleigh Heads QLD 4220 E: nb@nbconsulting.com.au W: www.nbconsulting.com.au	Architect:	Project:	Date:	Design:	Drawn:			
Date: 19 Mar '24 Rick G Wray Ref: BE(Civil), CPEng, MIEAust., NER, RPEQ: 08293. (Director NB Consulting Engineers) The copyright of this drawing remains with Northern Beaches Consulting Engineers Pty Ltd. Trading as NB Consulting Engineers			STEPHEN LESIUK ARCHITECT Client: ROGER BAIN	ALTERATIONS AND ADDITIONS AT 6 MITCHELL ROAD, PALM BEACH	OCT 2019	D.K.	D.K.			
Date:	Issue:	Description:	By:	Review:	Job No:	191031	Drawing No:	C14	Issue:	B

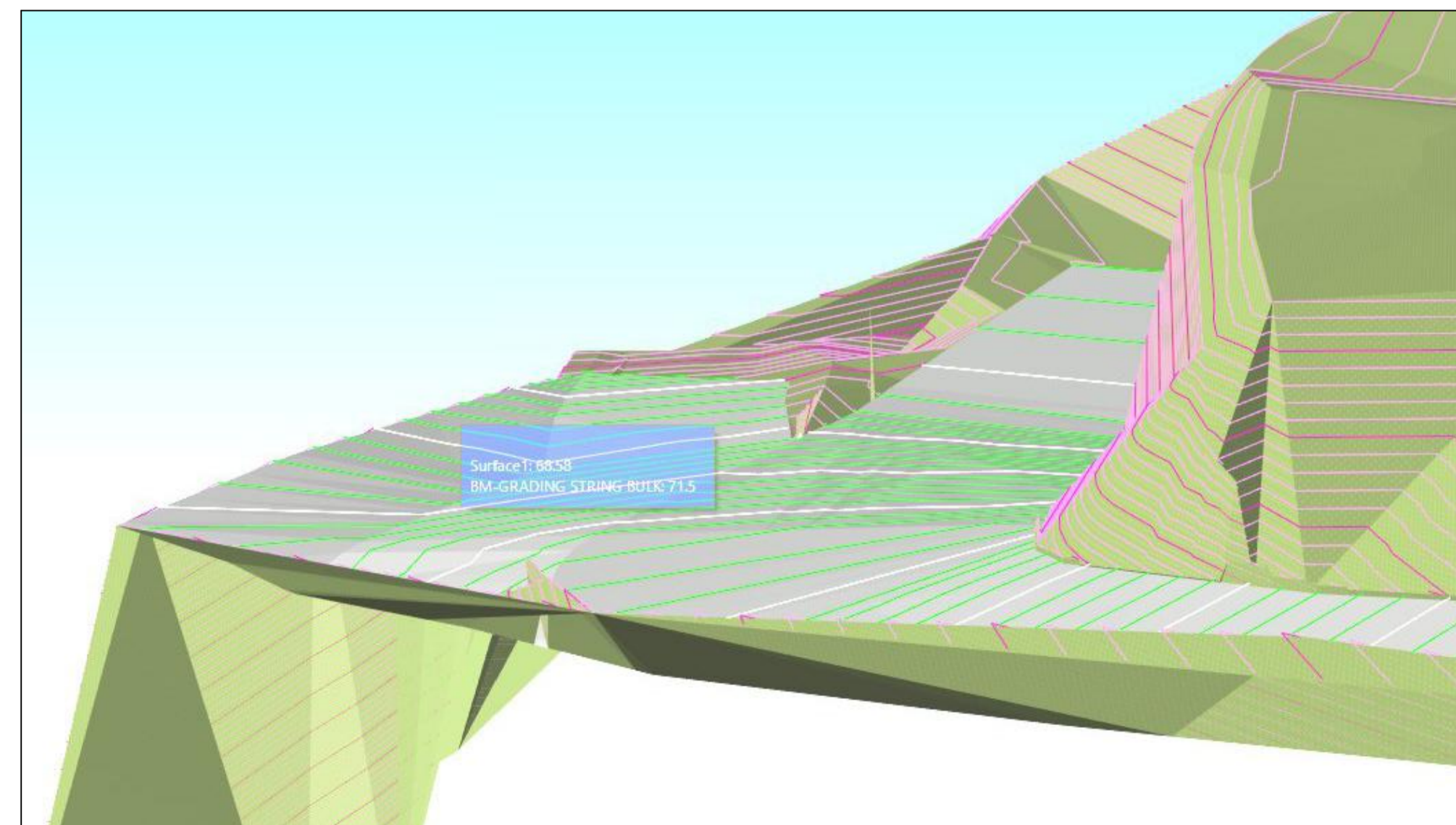
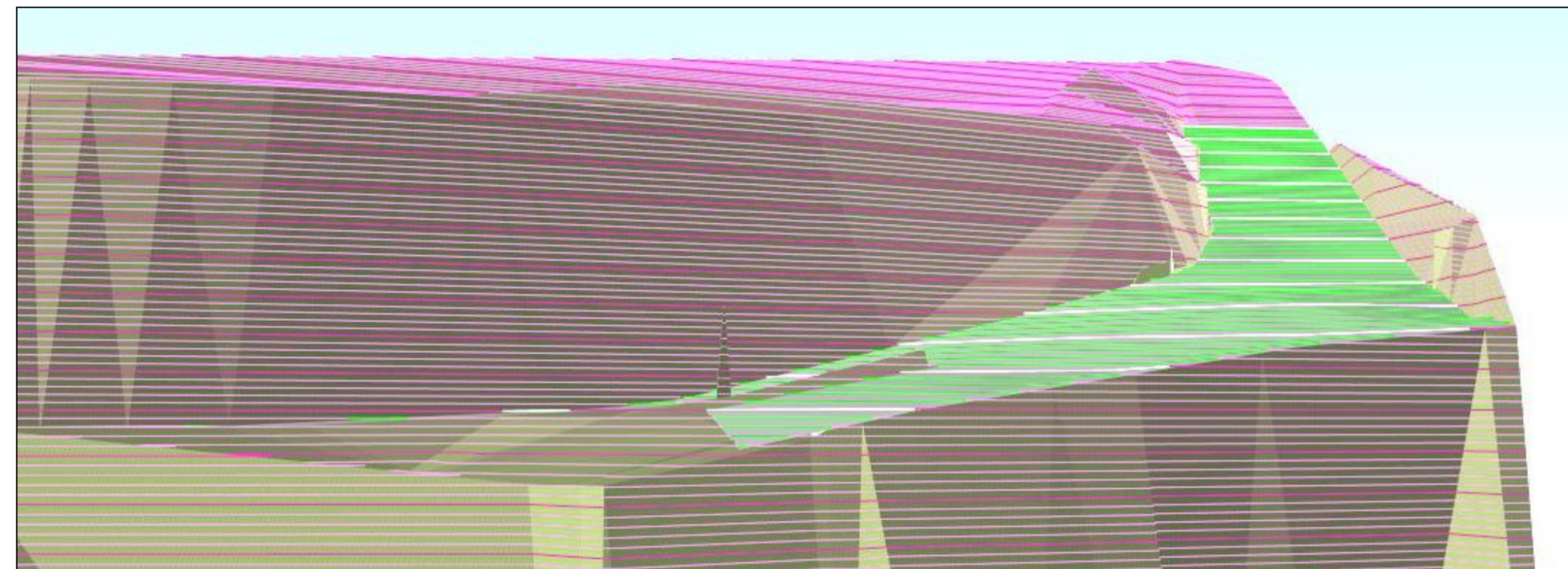
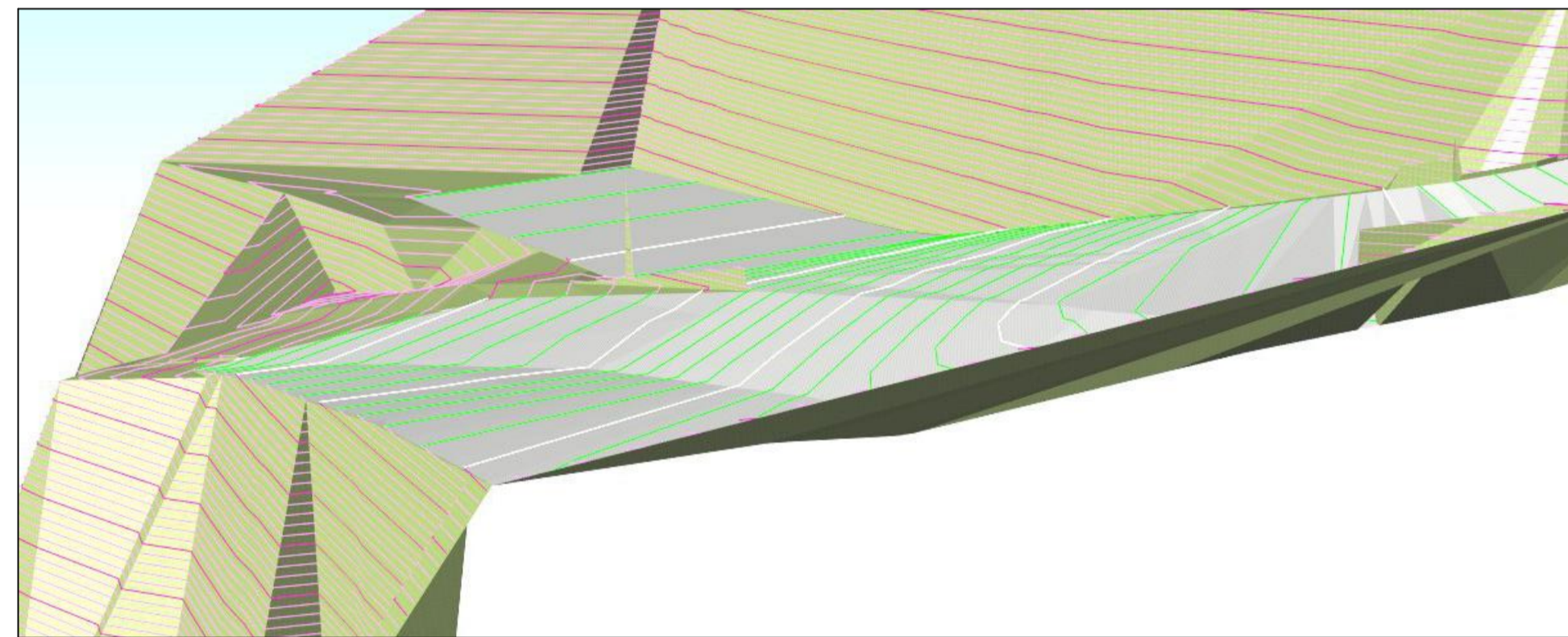
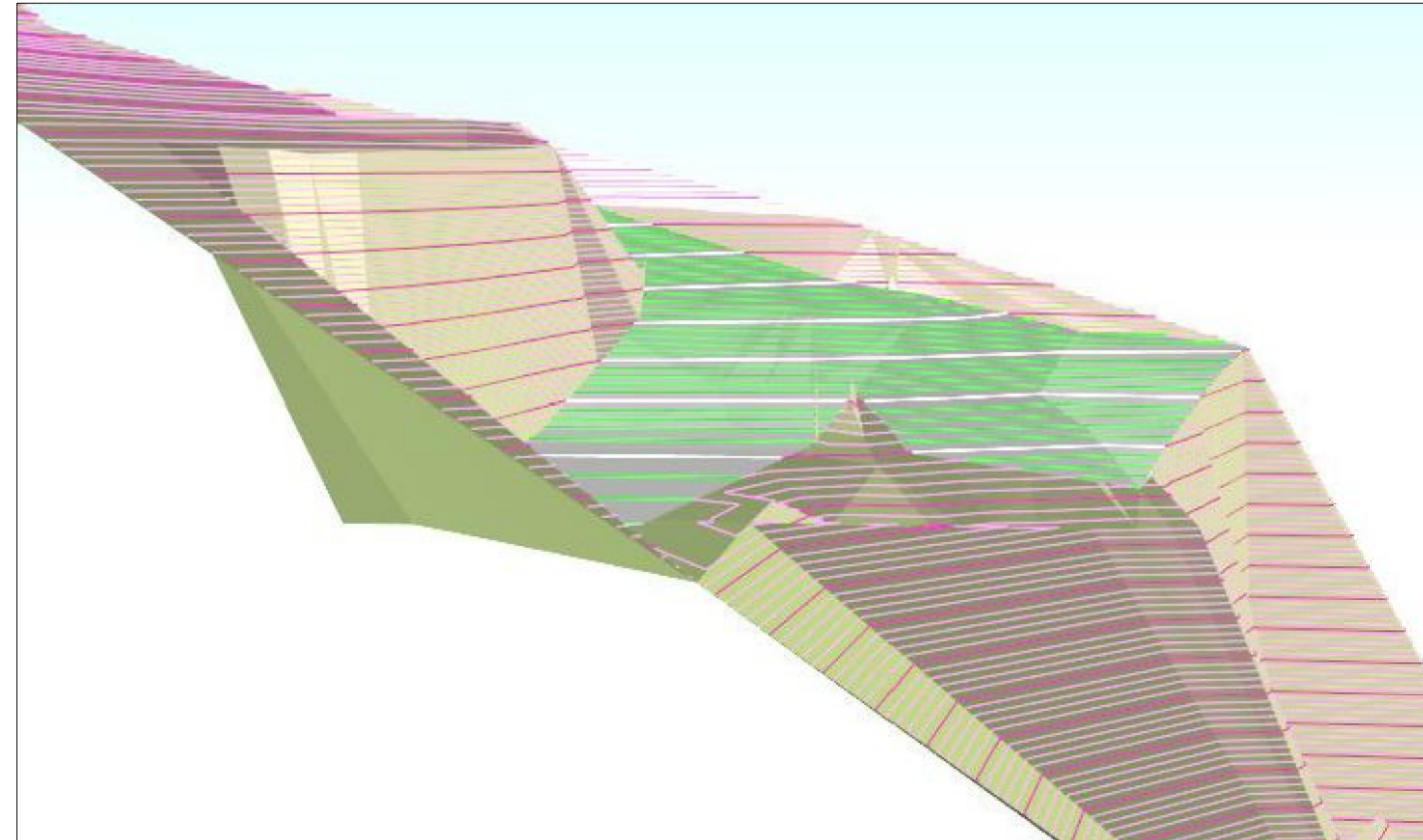
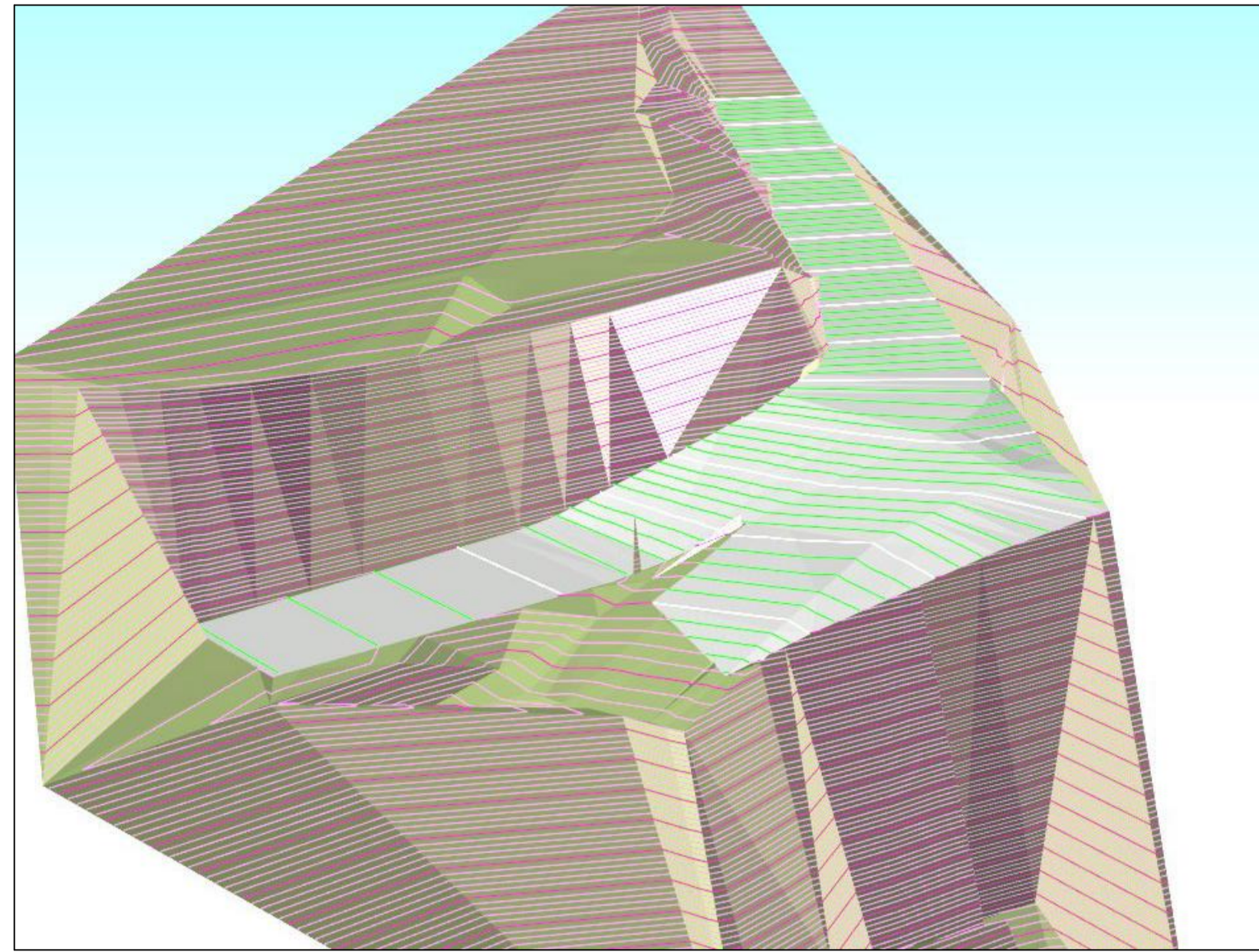
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NOTES:

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2. FOR GENERAL NOTES REFER TO DRAWING NUMBER: COI.



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3D VIEWS (APPROXIMATE)

NOT TO SCALE

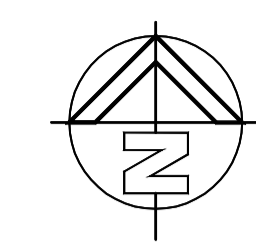
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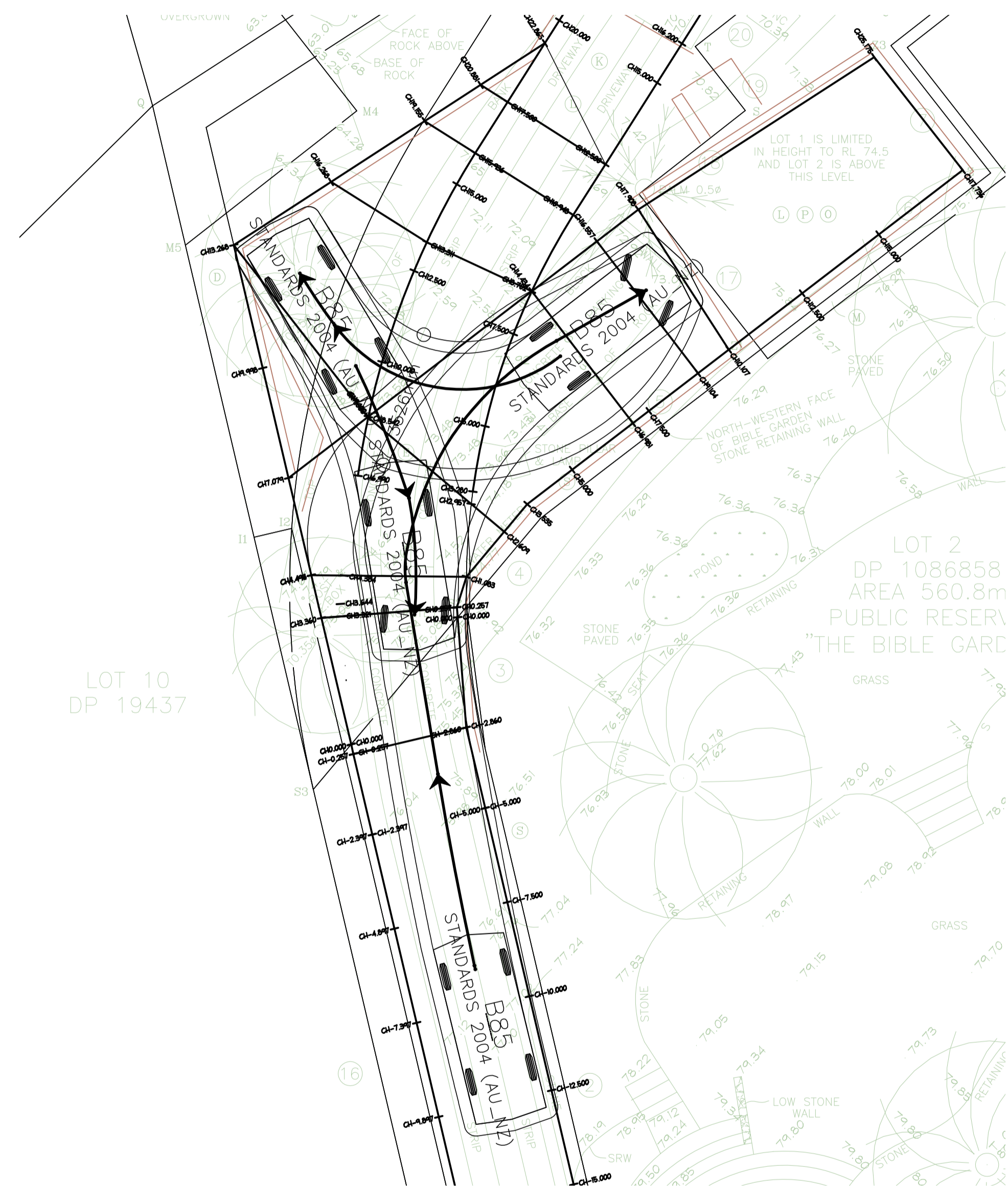
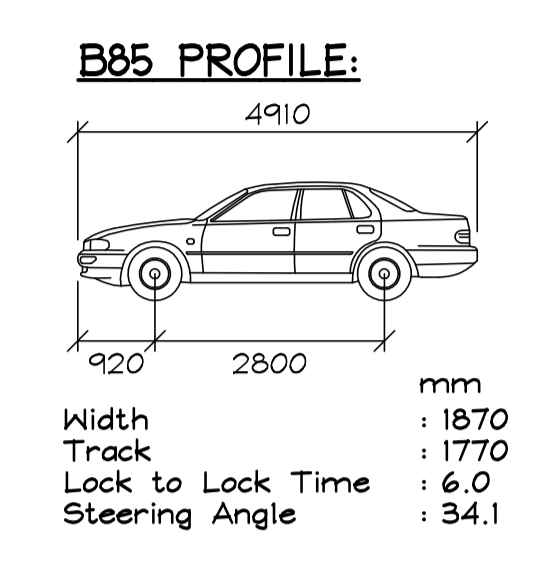
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A1

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		Date: 19 Mar '24 <i>Rick G Wray</i> Rick G Wray Ref: BE(Civil), CPEng, MIEAust., NER, RPEQ: 08293. (Director NB Consulting Engineers)		Sydney: Ph: (02) 9984 7000 Fax: (02) 9984 7444 Suite 207, 30 Fisher Road Dee Why N.S.W. 2099 Gold Coast: Ph: (07) 5631 4744 Unit 8, 1726 Gold Coast Highway Burleigh Heads QLD 4220 E: nb@nbconsulting.com.au W: www.nbconsulting.com.au		Client: ROGER BAIN		Drawing Title: 3D VIEWS (APPROXIMATE)		Job No: 191031	Drawing No: C20	Issue: B
Date: 11/03/2024	Issue: B	Description: ISSUED FOR DA SUBMISSION ONLY - NOT FOR CONSTRUCTION		By: D.K.	Review: M.W.							
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THREE (3) POINT TURN

SWEPT PATHS FOR B85 FROM DRIVEWAY 1 GARAGE AREA INTO TURNING BAY

REFER AS/NZS 2890.1:2004
SCALE = NTS

NOTE: NO SWEPT PATH ANALYSIS HAS BEEN UNDERTAKEN FOR VEHICLES ENTERING OR EXITING THE ALLOTMENT FROM MITCHELL ROAD

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			Sydney: Ph: (02) 9984 7000 Fax: (02) 9984 7444 Suite 207, 30 Fisher Road Dee Why N.S.W. 2099 Gold Coast: Ph: (07) 5631 4744 Unit 8, 1726 Gold Coast Highway Burleigh Heads QLD 4220 E : nb@nbconsulting.com.au W : www.nbconsulting.com.au	Client: ROGER BAIN	Drawing Title: SWEPT PATH ANALYSIS LAYOUT PLAN - SHEET 1	Job No: 191031	Drawing No: C30	Issue: B
Date:	Issue:	Description:	By:	Review:				
11/03/2024	B	ISSUED FOR DA SUBMISSION ONLY - NOT FOR CONSTRUCTION	D.K.	M.W.				

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