

### SERVICES OFFSET SCHEDULE

ROAD NAME	SIDE	GAS		RECYCLED WATER		POTABLE WATER		OPTIC FIBRE		ELECTRICITY		PUBLIC LIGHTING	
		OFFSET	DEPTH	OFFSET	DEPTH	OFFSET	DEPTH	OFFSET	DEPTH	OFFSET	DEPTH	OFFSET	DEPTH
PALIA DRIVE	N	2.10	N	2.50	N	3.00	S	1.80	S	2.40	N	S	1.00*
CANDELO WAY	S	2.10	S	2.50	S	3.00	N	1.80	N	2.40	N	S	1.00*
LARBOARD STREET	N	2.10	N	2.50	N	3.00	S	1.80	S	2.40	N	S	1.00*
TOWAMBA WAY	N	2.10	N	2.50	N	3.00	S	1.80	S	2.40	N	S	1.00*
SLOOP STREET	N	2.10	N	2.50	N	3.00	S	1.80	S	2.40	N	S	1.00*
WARANA WAY	E	2.10	E	2.50	E	3.00	W	1.80	W	2.40	W	E	1.00*
NEMI PARADE	W	1.80	W	2.30	W	2.80	E	1.80	E	2.60	E	W	1.00*

1. \* DENOTES OFFSET FROM BACK OF KERB.

#### LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET PIT
- EXISTING STORMWATER DRAIN
- SEWER & MAINTENANCE STRUCTURES
- EXISTING SEWER
- HOUSE DRAINS
- SERVICE CONDUITS
- PROPOSED ELECTRICITY (UNDERGROUND)
- PROPOSED GAS
- PROPOSED OPTIC FIBRE
- PROPOSED TELSTRA
- PROPOSED WATER
- PROPOSED RECYCLED WATER
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELSTRA
- EXISTING WATER
- EXISTING RECYCLED WATER
- DIRECTION OF FALL
- OVERLAND FLOW
- ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH (WITH THICKENING) & HEAVY DUTY VEHICLE CROSSING
- RETAINING WALL (CONCRETE SLEEPER)
- RETAINING WALL (ROCK RUBBLE)
- 0.25m EXISTING CONTOUR
- 1.8m HIGH CAPPED TIMBER PALING FENCE
- STORM WATER PIT SETOUT POINT

**Planning and Environment Act 1987**  
**Wyndham Planning Scheme**

**Approved Plan As Required**  
**under Condition 40**  
**Permit No WYP10817/18**  
**Date 18/04/2023**

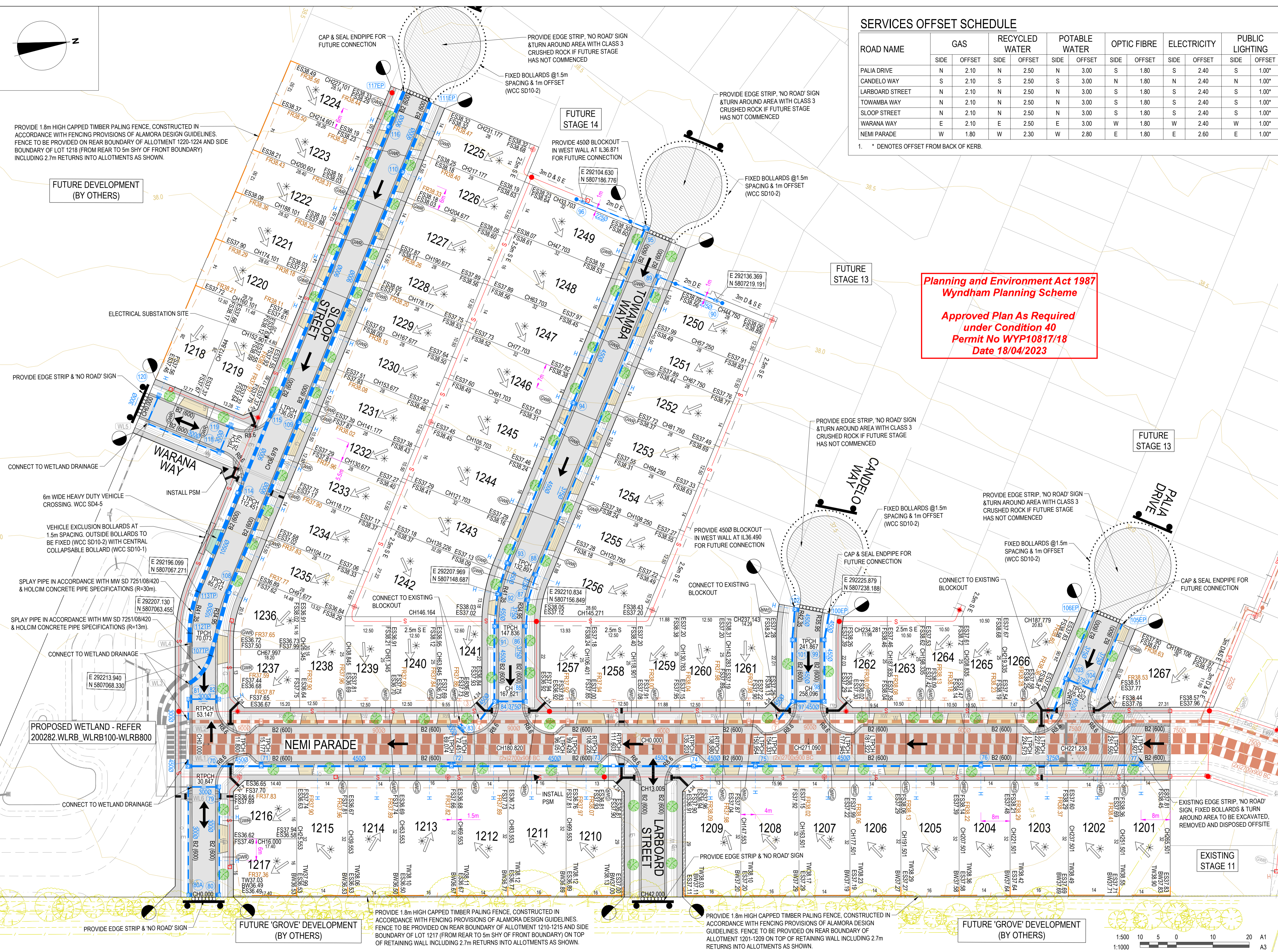
**WARNING**  
**BEWARE OF UNDERGROUND & OVERHEAD SERVICES**

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**DIAL 1100 BEFORE YOU DIG**  
[www.1100.com.au](http://www.1100.com.au)

**NOTE: STREET TREE LOCATIONS SHOWN ARE INDICATIVE ONLY. ULTIMATE LOCATION IS TO BE PROVIDED/CONFIRMED BY LANDSCAPE ARCHITECTS**

**1. Prior to the issue of Statement of Compliance for stage 12, the amended Storm Water Management Strategy must be endorsed by Council.**  
**2. Prior to the issue of Statement of Compliance for stage 12, temporary water quality works must be completed to Council satisfaction.**



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N.	C.R.	M.T.
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

CLIENT

Communities Designed for Living

creo CONSULTANTS

Suite 1, 2 Bloombsury Street  
 Geelong, VIC, Australia 3220

ALAMORA  
*parcels*

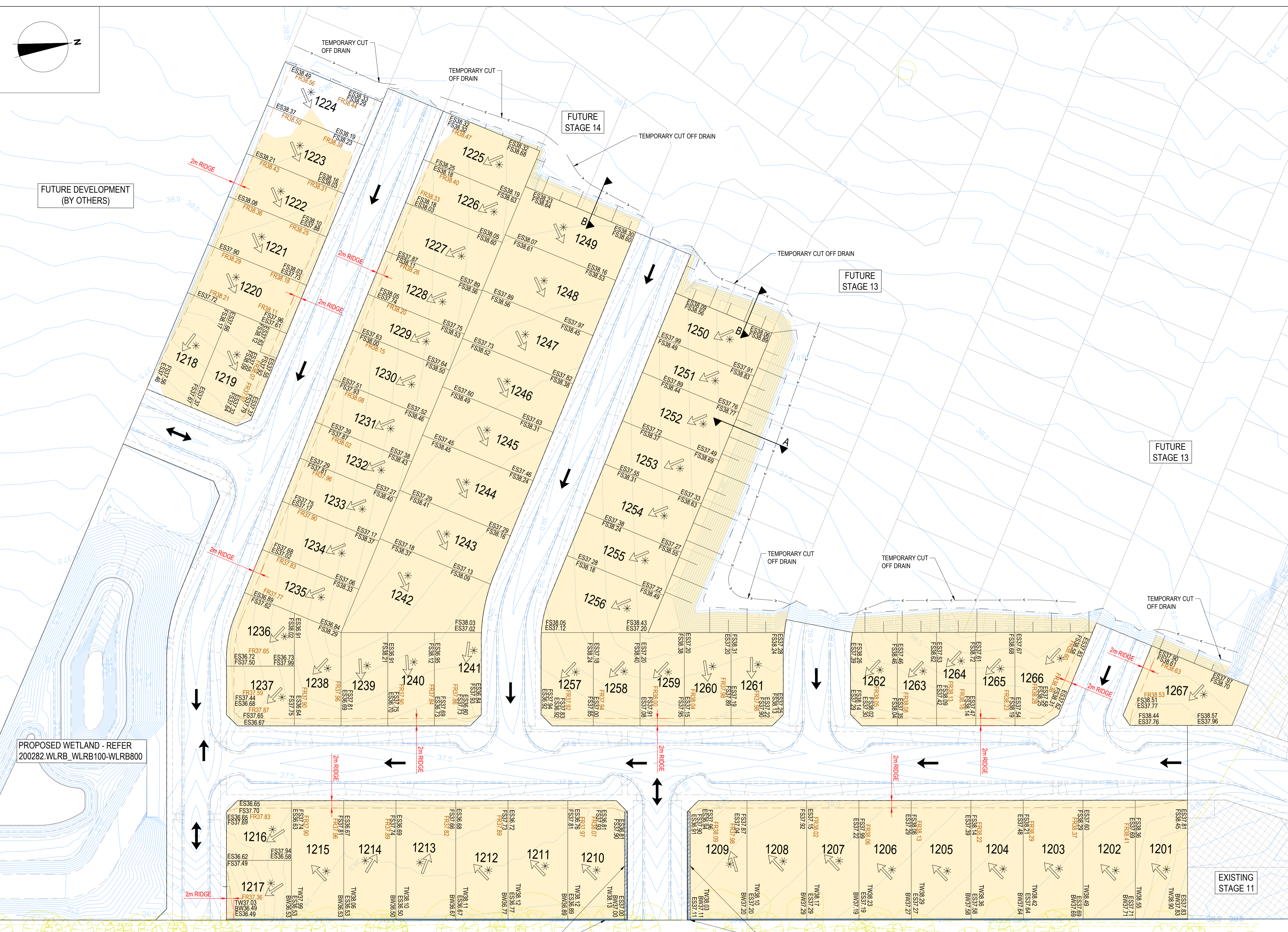
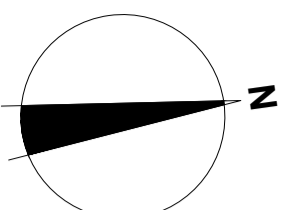
DRAWING TITLE

**ALAMORA - STAGE 12 LAYOUT PLAN**

STATUS

**ISSUED FOR CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
1:500 @ A1	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>200282.12</b>	<b>R200</b>	<b>0</b>



**LEGEND - EARTHWORKS PLAN**

- RIDGE LINE
- TOE OF BATTER
- SWALE DRAIN
- ES141.34 EXISTING SURFACE LEVEL
- FS140.35 FINISHED BUILDING LINE LEVEL
- FR157.40 FINISHED RIDGE LINE LEVEL
- BW140.35 BOTTOM OF RETAINING WALL LEVEL
- TW157.40 TOP OF RETAINING WALL LEVEL
- EXISTING STRUCTURAL FILL > 200mm DEEP
- STRUCTURAL FILL > 200mm DEEP
- DIRECTION OF FALL
- OVERLAND FLOW
- ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED
- RETAINING WALL (CONCRETE SLEEPER)
- RETAINING WALL (ROCK RUBBLE)
- 0.10m CONTOUR

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**Wyndham Planning Scheme**

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**under Condition 40**  
**Permit No WYP10817/18**  
**Date 18/04/2023**

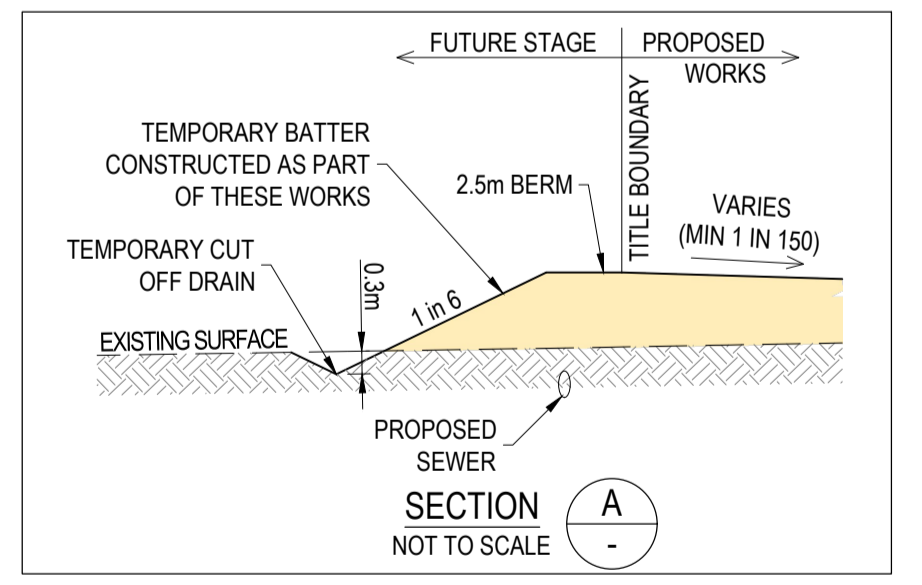
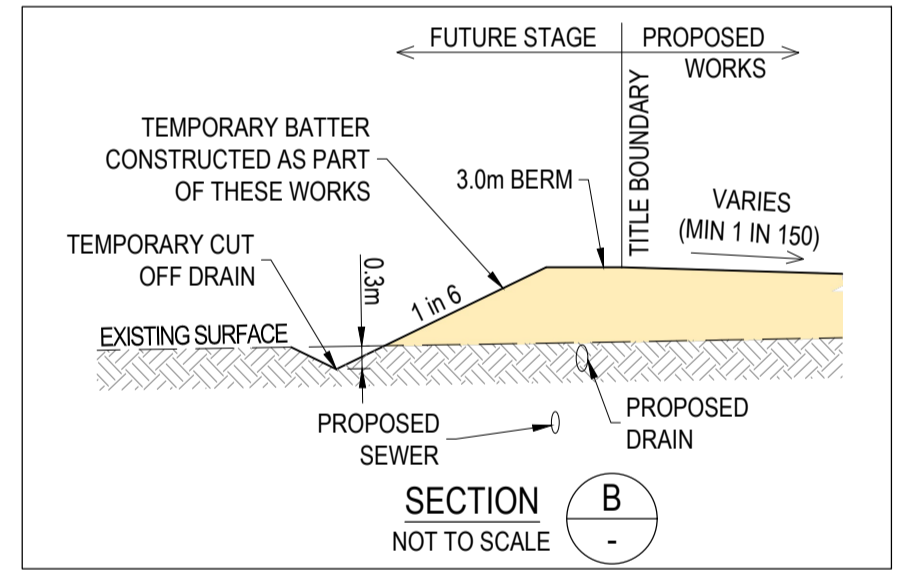
PROPOSED WETLAND - REFER  
 200282.WLRB\_WLRB100-WLRB800

FUTURE 'GROVE' DEVELOPMENT  
 (BY OTHERS)

REFER R900-R901 FOR  
 RETAINING WALL DETAILS

REFER R900-R901 FOR  
 RETAINING WALL DETAILS

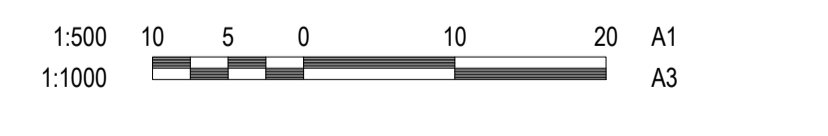
FUTURE 'GROVE' DEVELOPMENT  
 (BY OTHERS)



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A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

**villawood**  
 properties

Communities Designed for Living

**creo**  
 CONSULTANTS

Suite 1, 2 Bloombsbury Street  
 Geelong, VIC, Australia 3220

**ALAMORA**  
 Jarrett

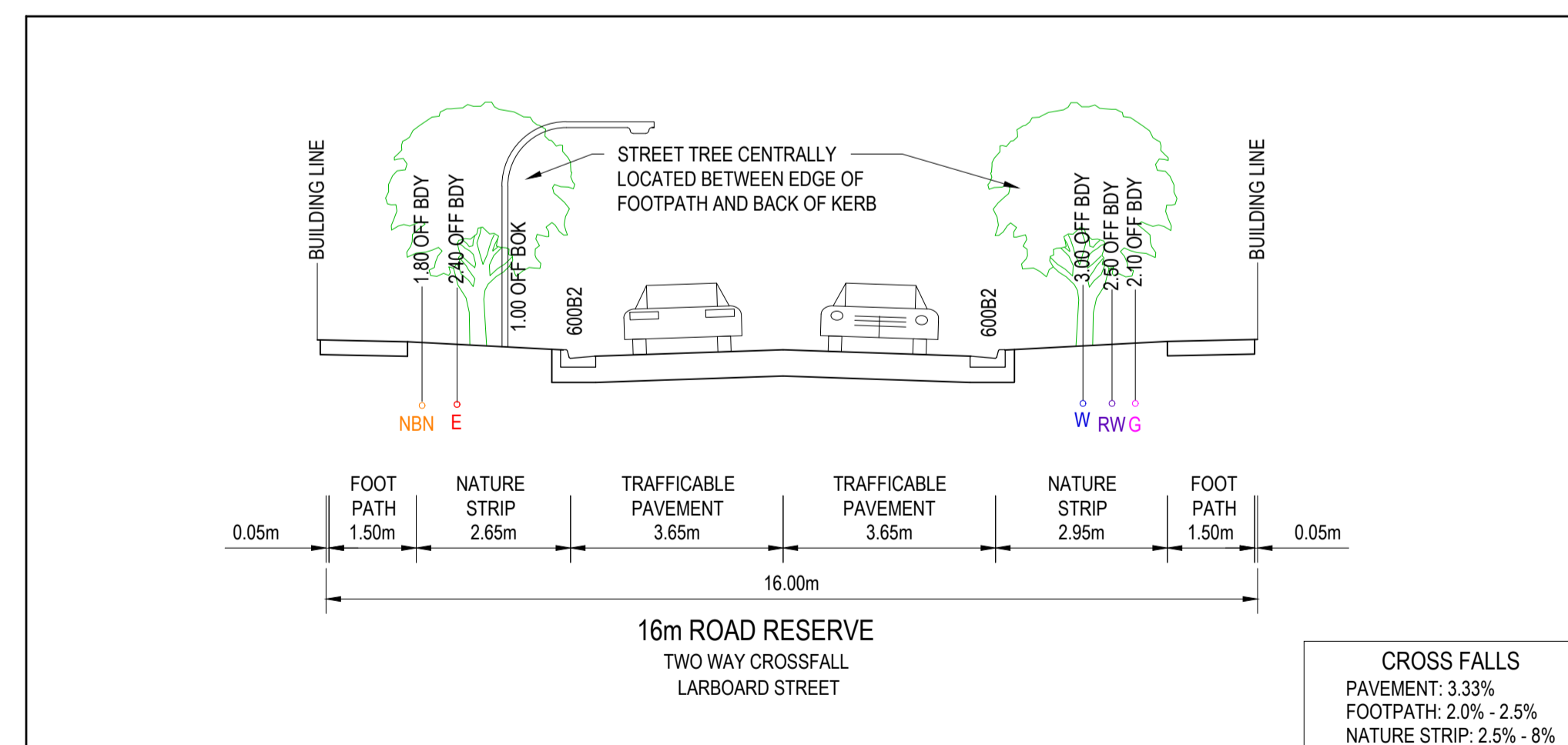
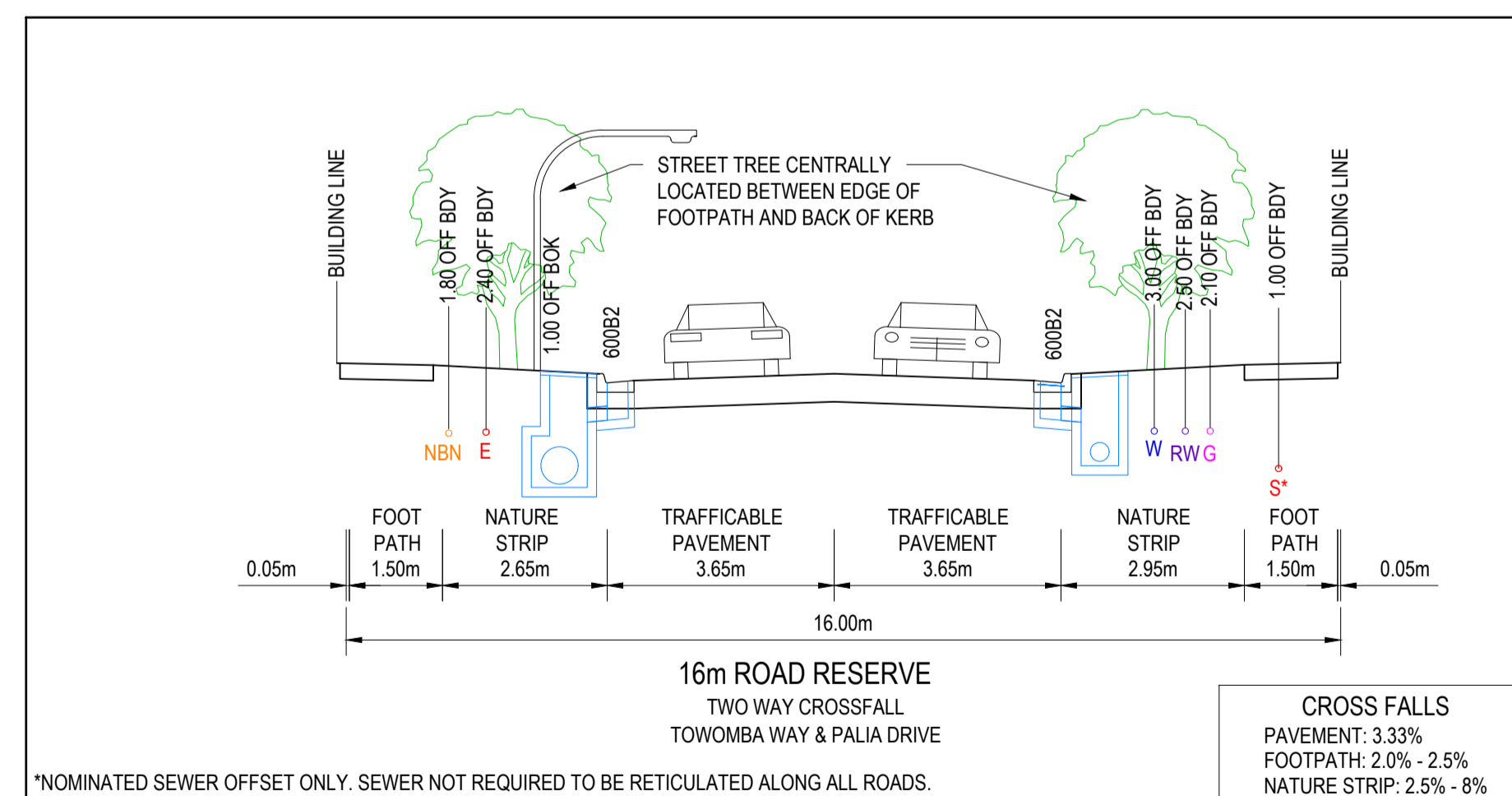
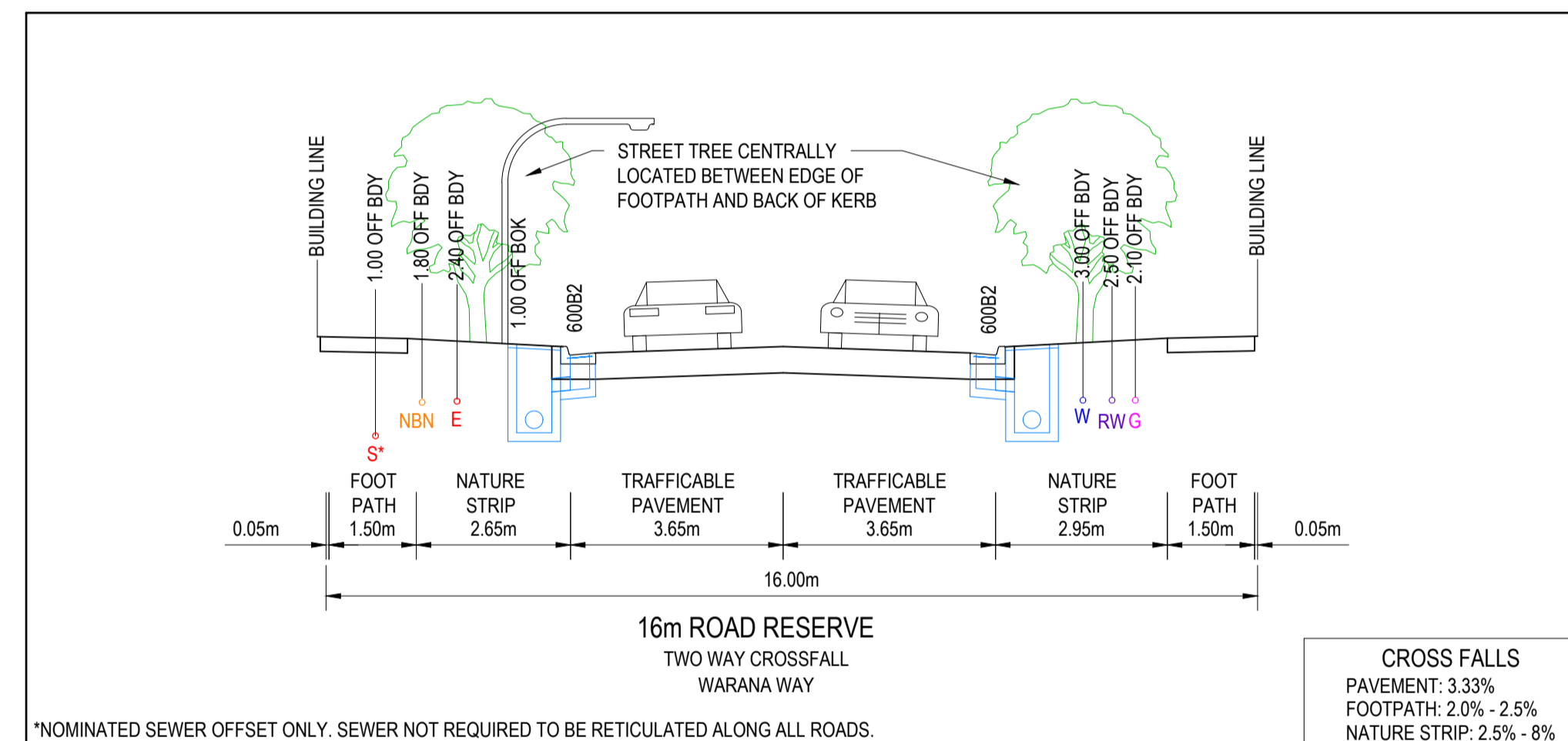
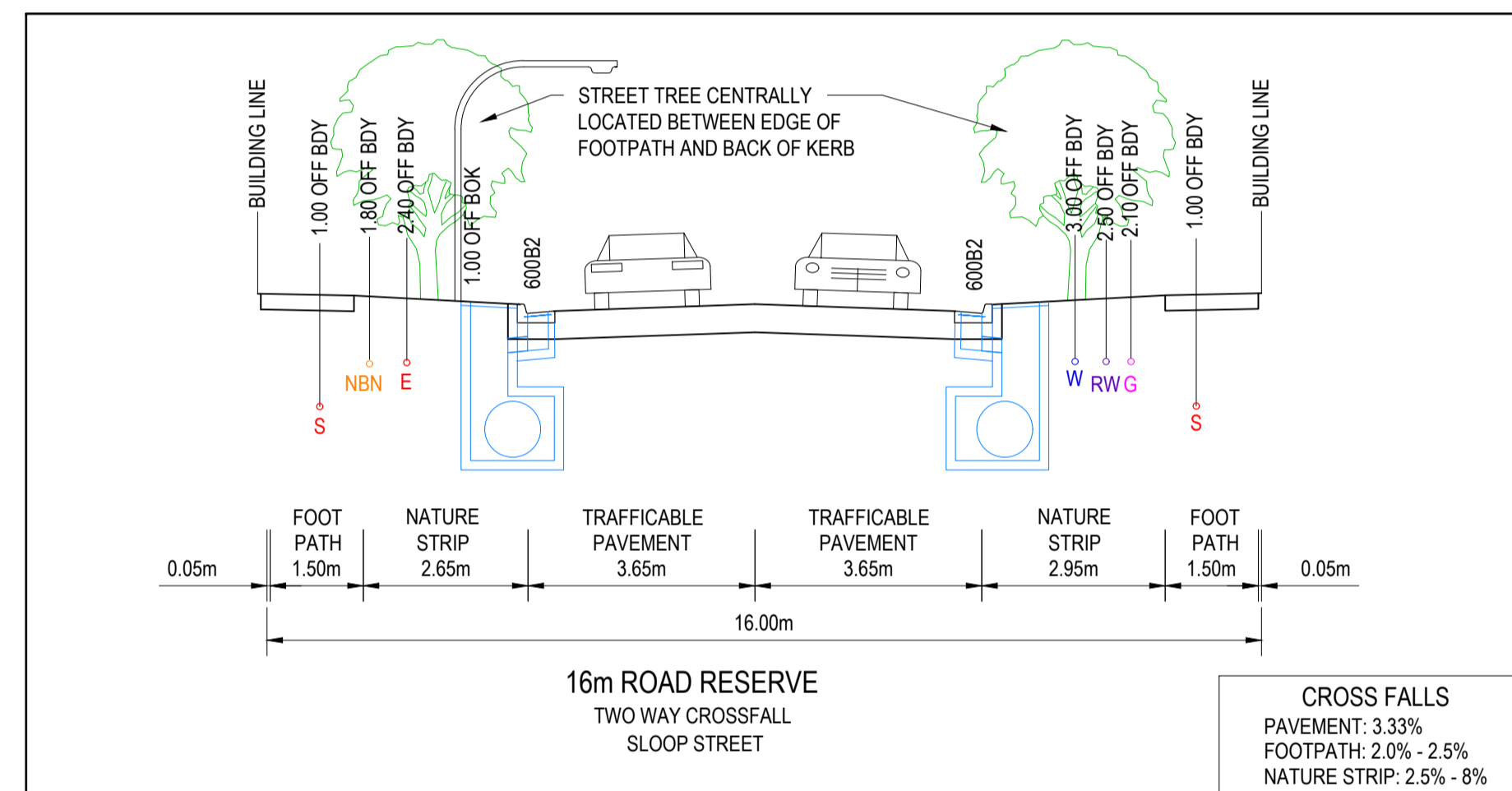
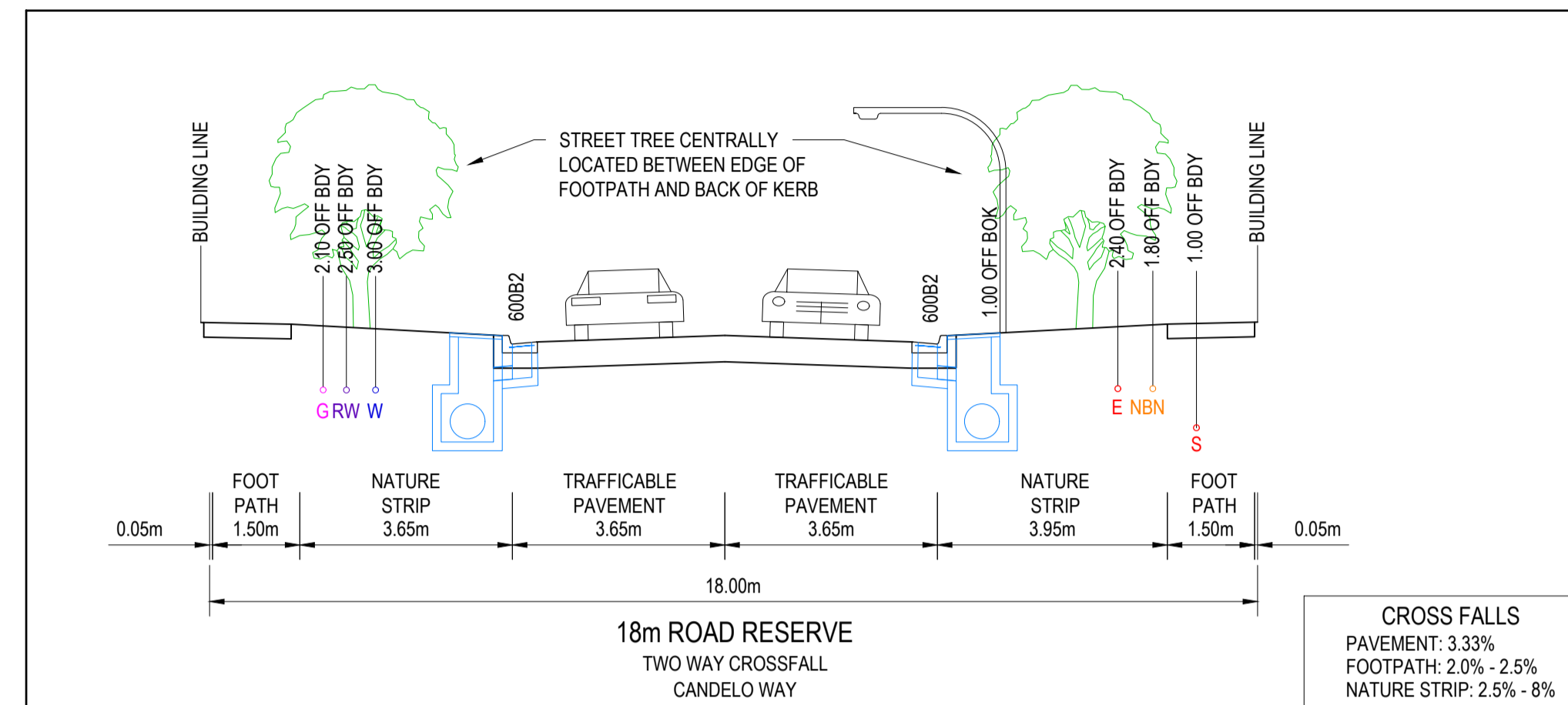
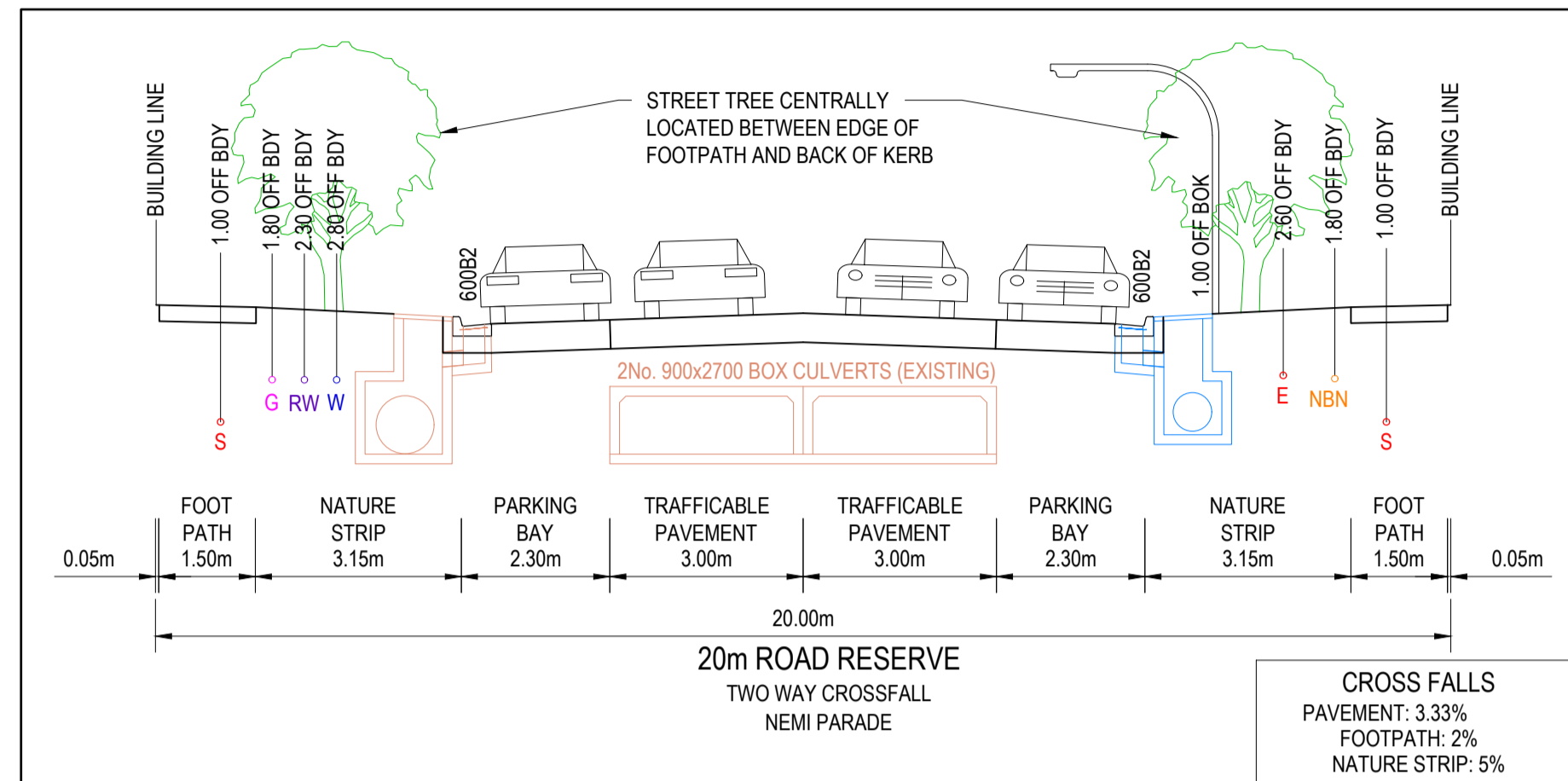
**ALAMORA - STAGE 12**  
**EARTHWORKS PLAN**

**ISSUED FOR CONSTRUCTION**

SCALE AT A1 1:500 @ A1	DRAWN C.ROHDE	DESIGNED C.ROHDE
PROJECT ENGINEER M.TROUNCE	PROJECT MANAGER M.TROUNCE	DATE FIRST ISSUE DECEMBER 2022
PROJECT No. <b>200282.12</b>	DRAWING No. <b>R201</b>	REVISION <b>0</b>

**Planning and Environment Act 1987**  
**Wyndham Planning Scheme**

**Approved Plan As Required**  
**under Condition 40**  
**Permit No WYP10817/18**  
**Date 18/04/2023**



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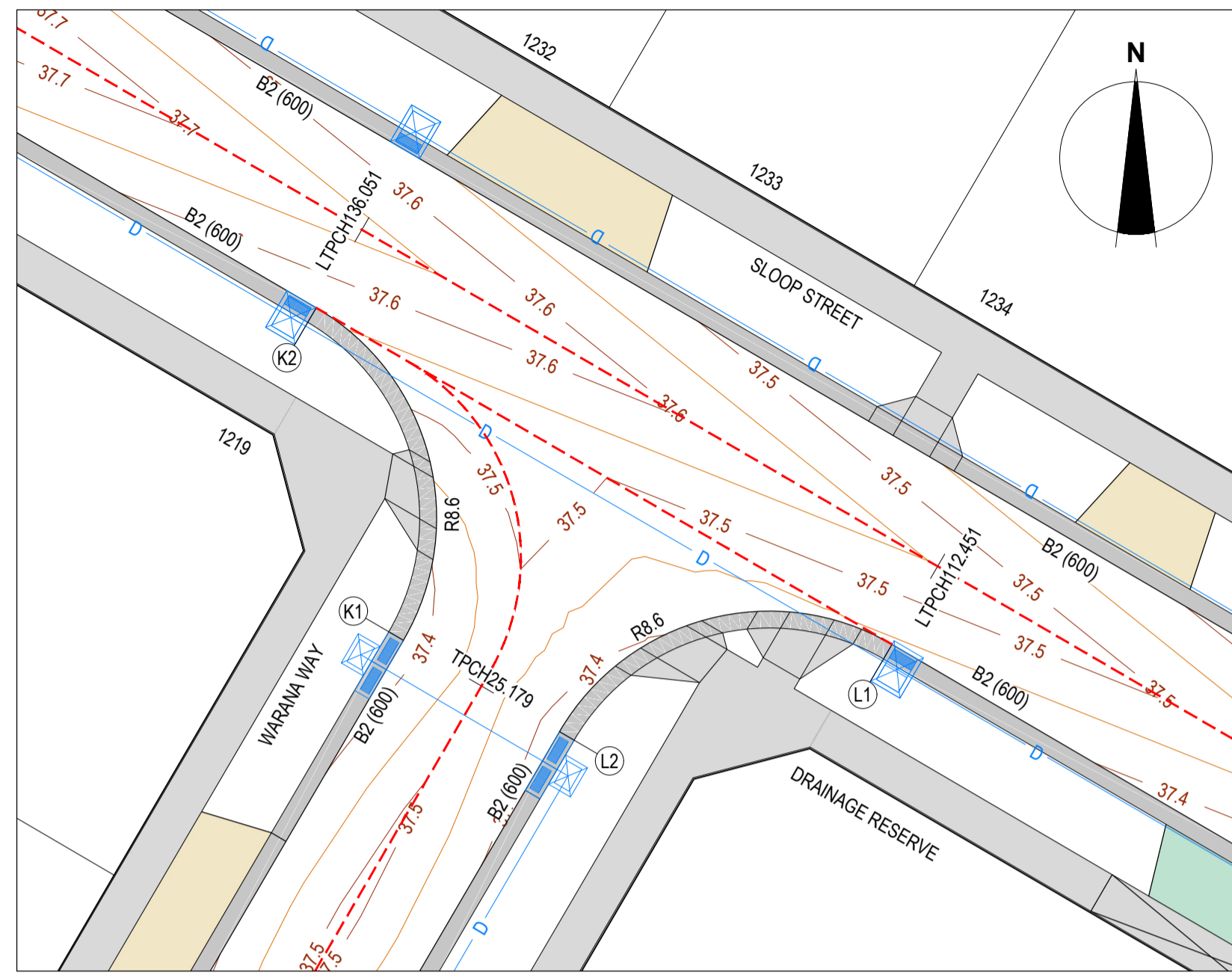
REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
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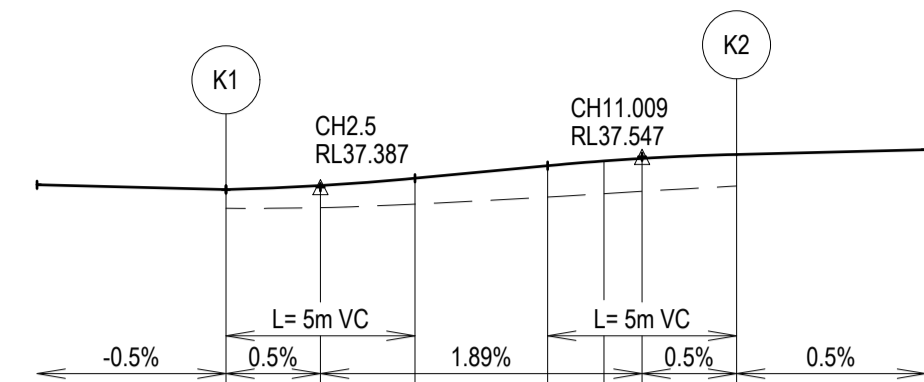
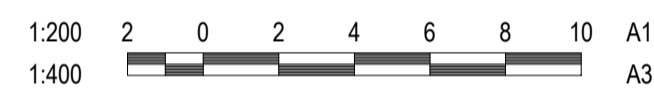
**ALAMORA - STAGE 12**  
**TYPICAL CROSS SECTIONS**

**ISSUED FOR CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
NTS	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
200282.12	R202	0



**SLOOP STREET & WARANA WAY INTERSECTION**



VERTICAL GEOMETRY  
DATUM RL36

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE

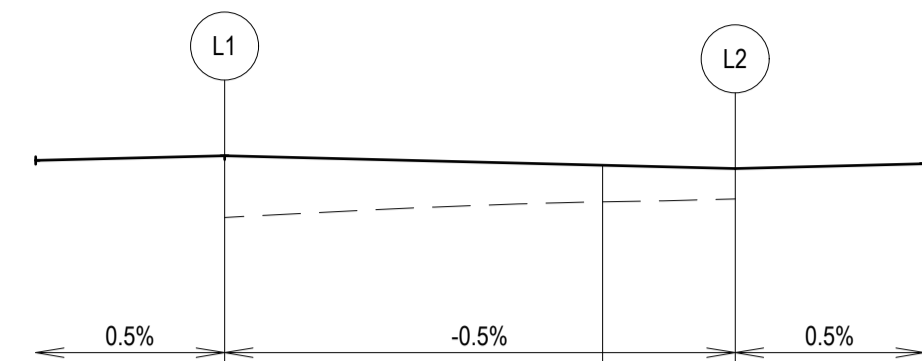
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37.275	37.278	37.297	37.334	37.352	37.365	37.393
0.000	2.500	5.000	8.509	10.000	11.009	13.509

LIP LINE K

ALIGNMENT K

PT NO	EASTING	NORTHING	RL
K1	292153.401	5807083.046	37.374
K2	292150.315	5807094.81	37.56

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
K1 - K2	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	37.467



VERTICAL GEOMETRY  
DATUM RL36

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE

0.000	10.000	13.509
37.442	37.392	37.374
37.115	37.198	37.213
0.000	10.000	13.509

LIP LINE L

ALIGNMENT L

PT NO	EASTING	NORTHING	RL
L1	292170.691	5807082.902	37.442
L2	292158.926	5807079.817	37.374

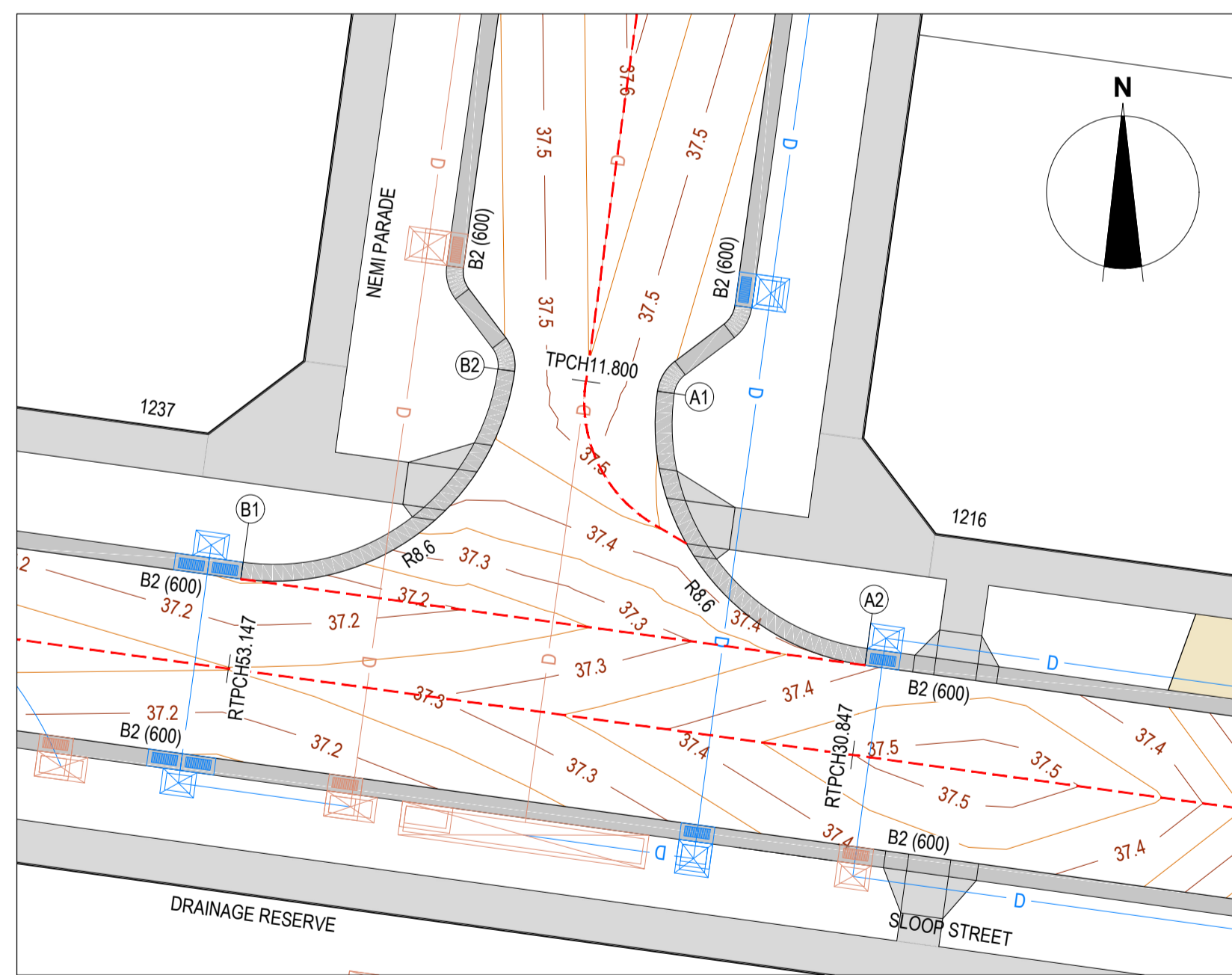
CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
L1 - L2	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	37.408

**LEGEND - INTERSECTION PLAN**

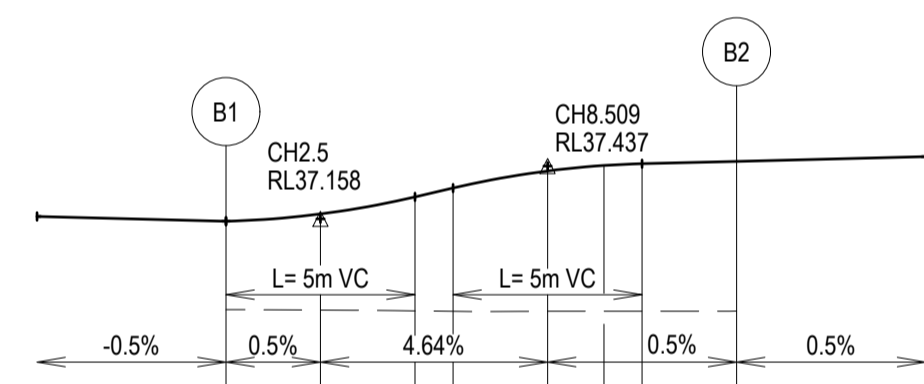
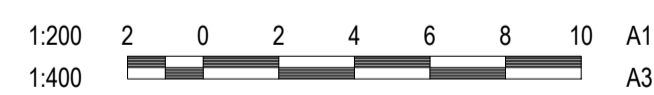
- STORMWATER DRAIN AND PIT
- EXISTING STORMWATER DRAIN AND PIT
- MAJOR CONTOUR - 0.1m
- MINOR CONTOUR - 0.05m
- CROWN / GRADE LINE

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**Permit No WYP10817/18**  
**Date 18/04/2023**



**SLOOP STREET & NEMI PARADE INTERSECTION**



VERTICAL GEOMETRY  
DATUM RL36

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE

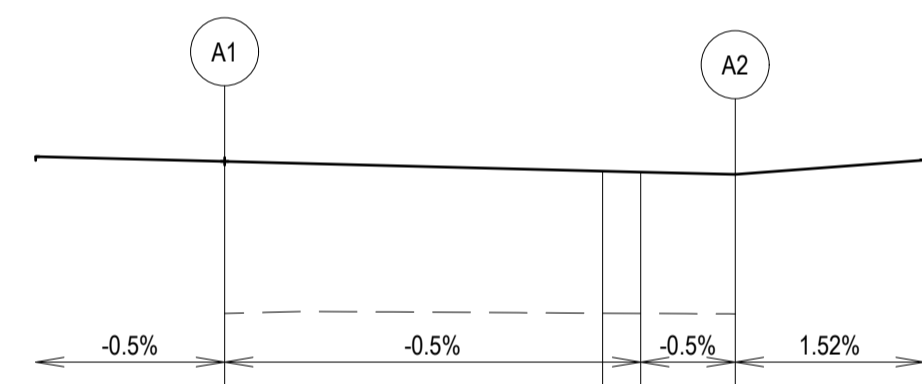
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37.145	37.184	37.274	37.321	37.411	37.440	37.449	37.462
36.677	36.675	36.671	36.668	36.668	36.669	36.669	36.669
0.000	2.500	5.000	6.009	8.509	10.000	11.009	13.509

LIP LINE B

ALIGNMENT B

PT NO	EASTING	NORTHING	RL
B1	292227.228	5807067.82	37.145
B2	292236.924	5807075.162	37.462

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
B1 - B2	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	37.353



VERTICAL GEOMETRY  
DATUM RL36

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE

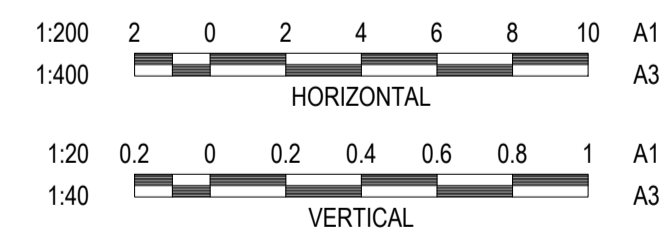
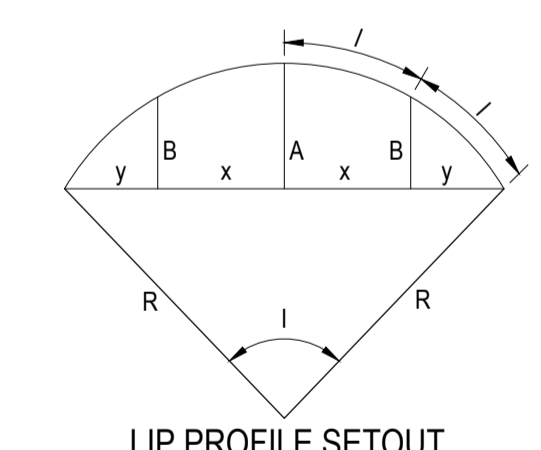
0.000	10.000	11.009	13.509
37.462	37.410	37.405	37.392
36.657	36.658	36.657	36.655
0.000	10.000	11.009	13.509

LIP LINE A

ALIGNMENT A

PT NO	EASTING	NORTHING	RL
A1	292241.976	5807074.464	37.462
A2	292249.318	5807064.768	37.392

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
A1 - A2	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	37.427



**LEGEND**

- EXISTING SURFACE
- DESIGN LINE

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0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R.	M.T.
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A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

**villawood properties**  
Communities Designed for Living

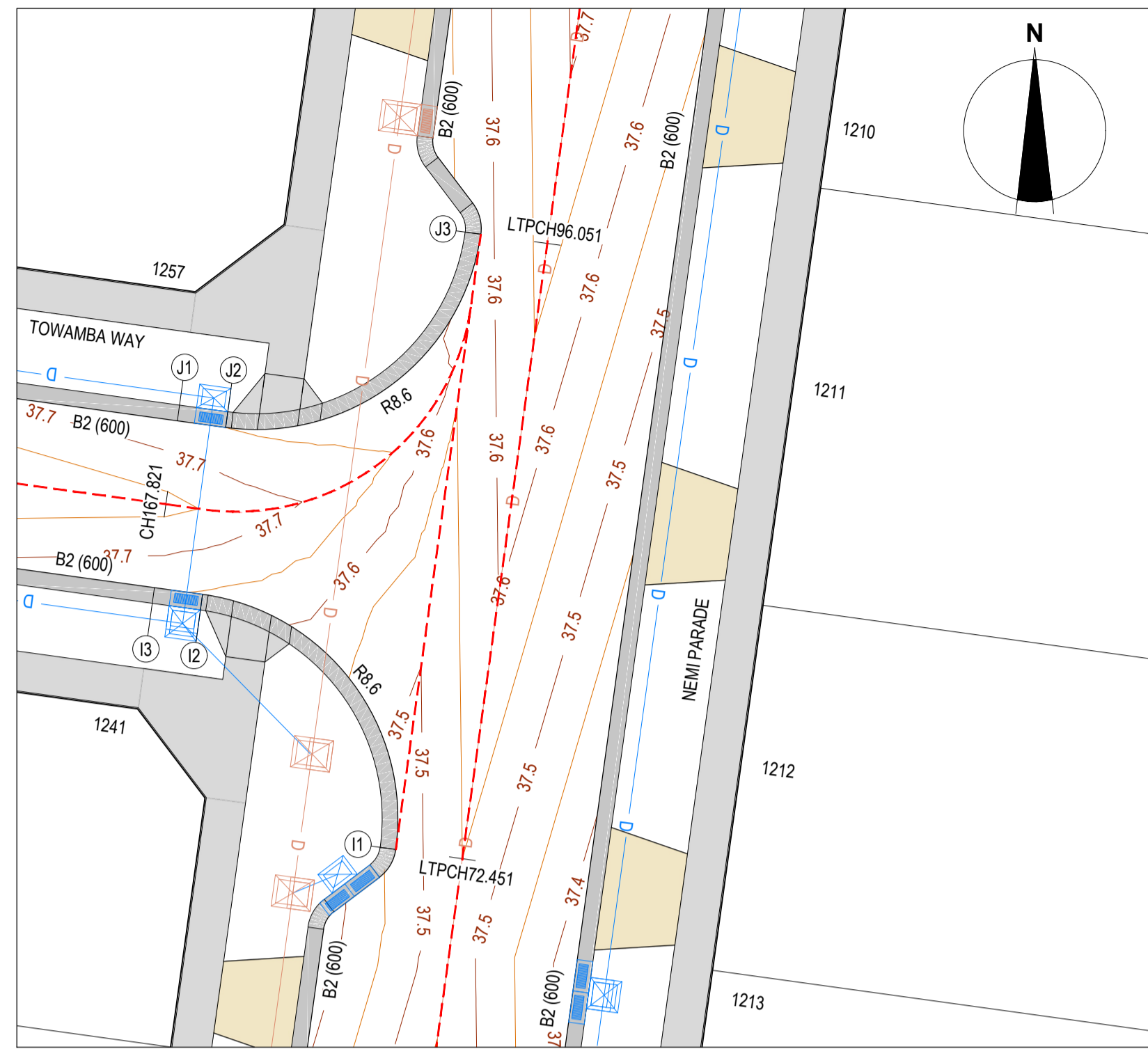
**creo CONSULTANTS**  
Suite 1, 2 Bloomsbury Street  
Geelong, VIC, Australia 3220

**ALAMORA**  
Tarnait

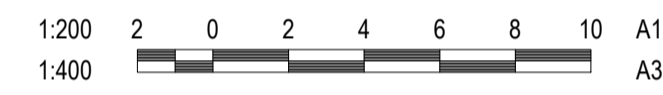
**ALAMORA - STAGE 12**  
**INTERSECTION DETAILS - 1**

**ISSUED FOR CONSTRUCTION**

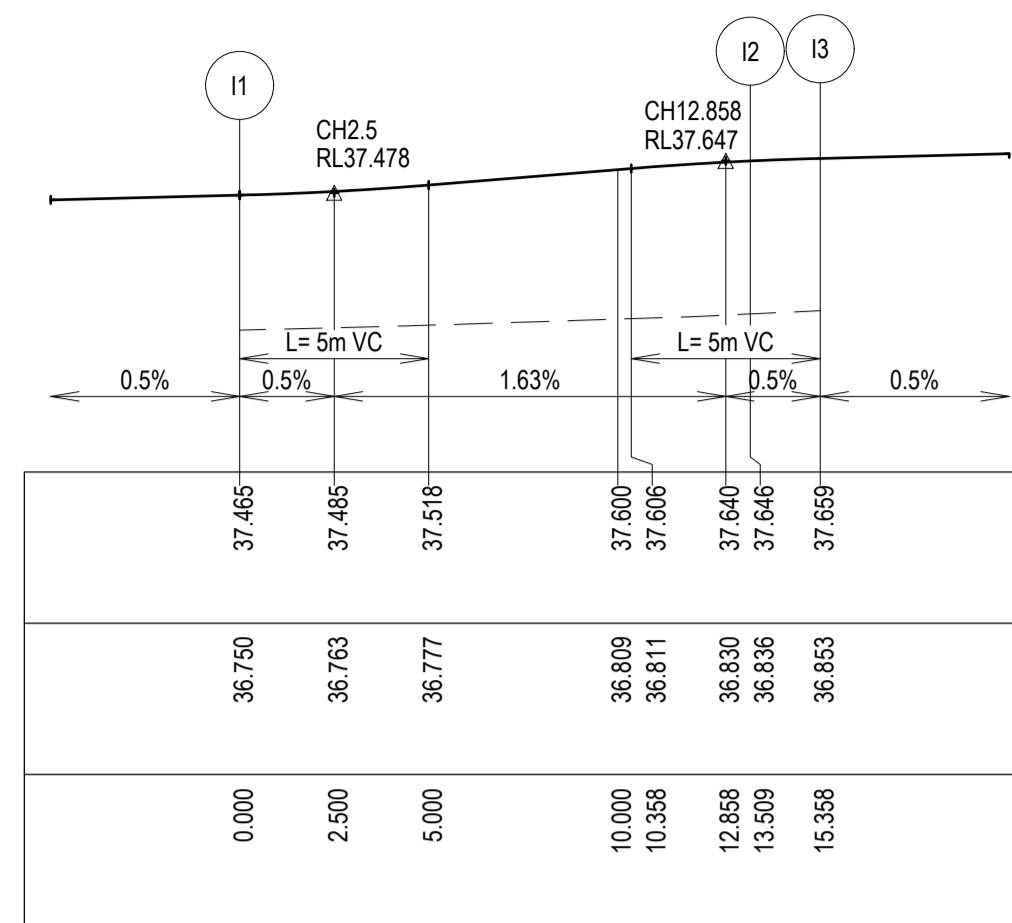
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>200282.12</b>	<b>R300</b>	<b>0</b>



NEMI PARADE & TOWAMBA WAY INTERSECTION



VERTICAL GEOMETRY  
DATUM RL36  
DESIGN LEVEL  
EXISTING SURFACE  
CHAINAGE



LIP LINE I

ALIGNMENT I

PT NO	EASTING	NORTHING	RL
I1	292245.225	5807135.242	37.465
I2	292237.883	5807144.939	37.646
I3	292236.051	5807145.191	37.659

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
I1 - I2	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	37.547

VERTICAL GEOMETRY  
DATUM RL36  
DESIGN LEVEL  
EXISTING SURFACE  
CHAINAGE

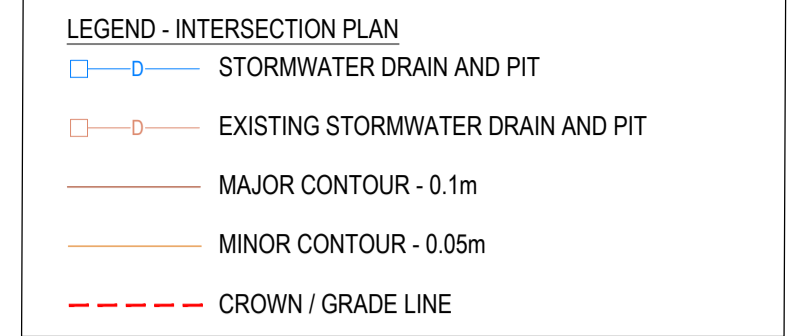


LIP LINE J

ALIGNMENT J

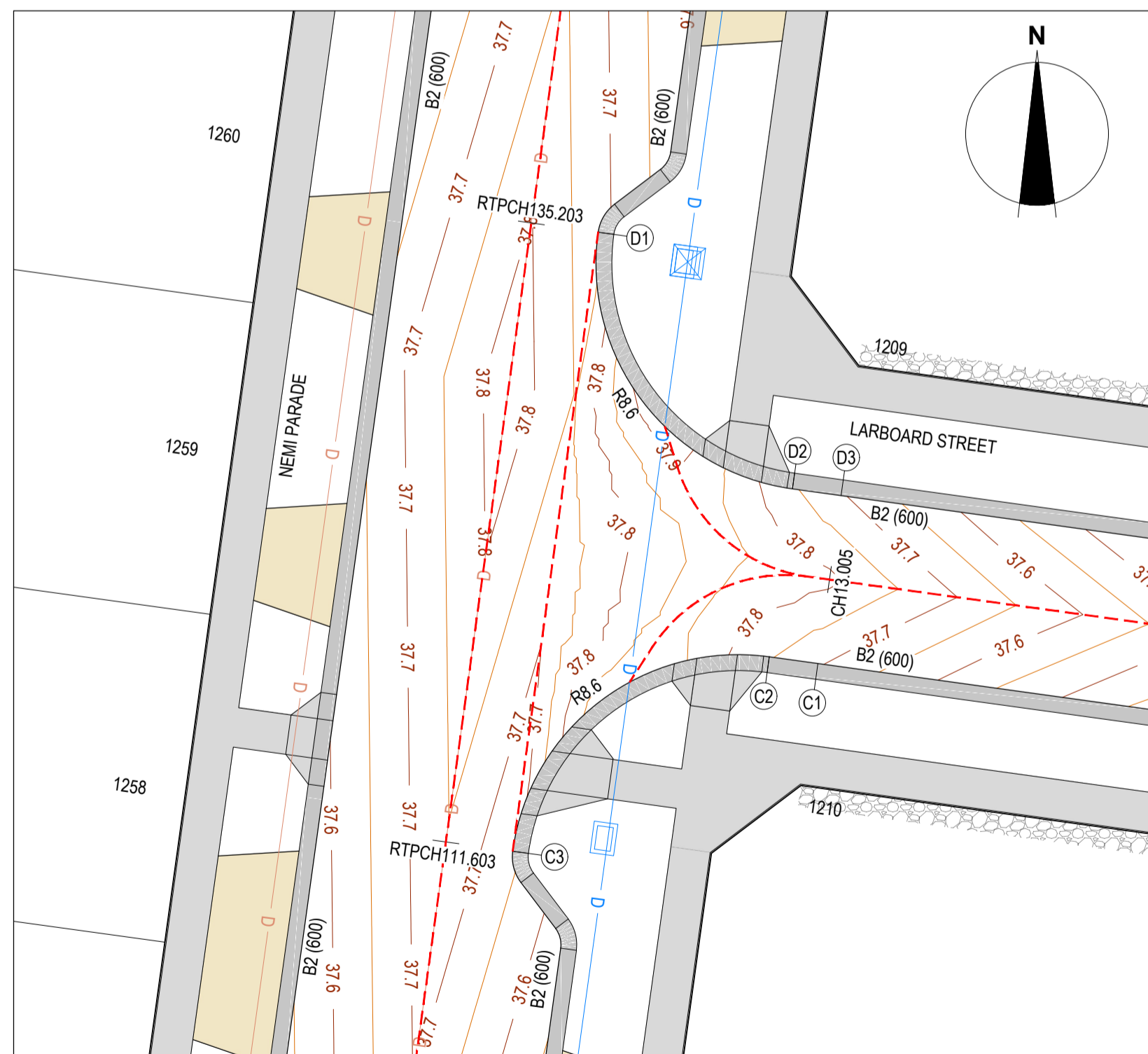
PT NO	EASTING	NORTHING	RL
J1	292236.926	5807151.531	37.659
J2	292238.759	5807151.278	37.65
J3	292248.455	5807158.62	37.583

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
J2 - J3	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	37.616

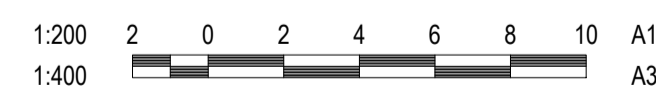


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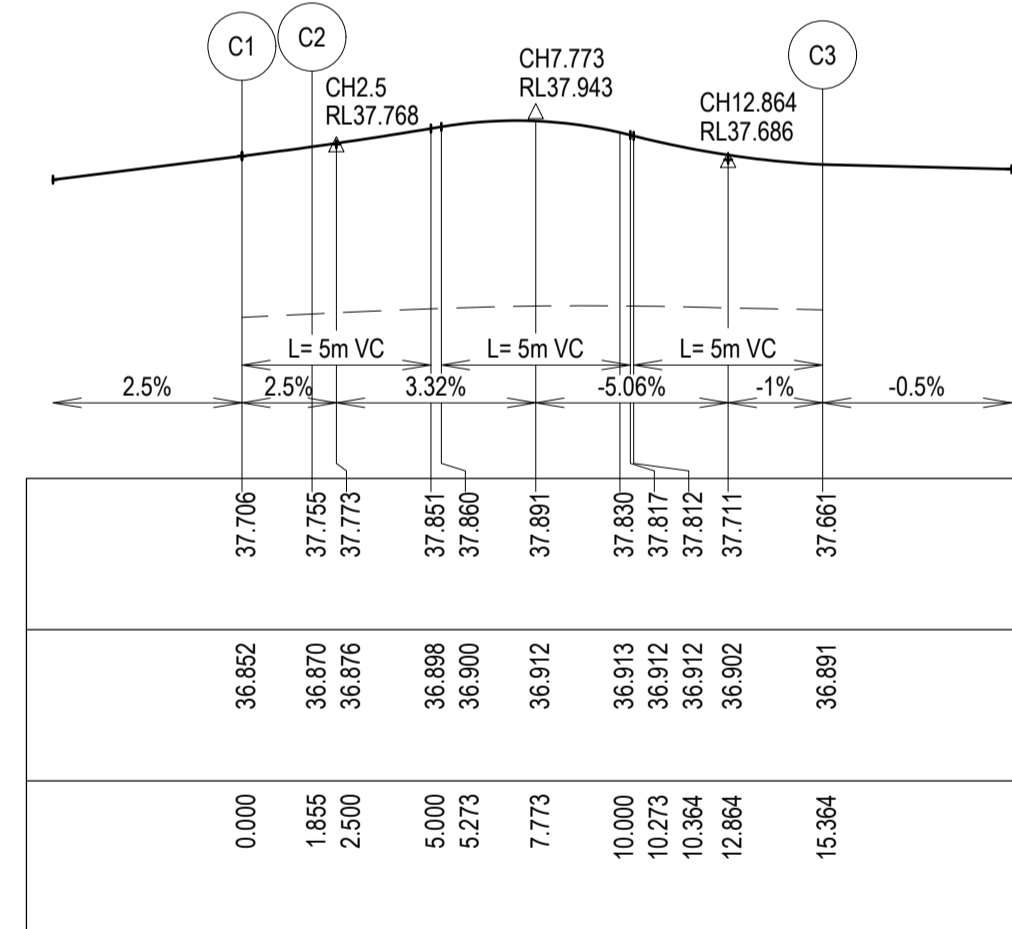
**Planning and Environment Act 1987**  
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**Permit No WYP10817/18**  
**Date 18/04/2023**



NEMI PARADE & LARBOARD STREET INTERSECTION



VERTICAL GEOMETRY  
DATUM RL36  
DESIGN LEVEL  
EXISTING SURFACE  
CHAINAGE



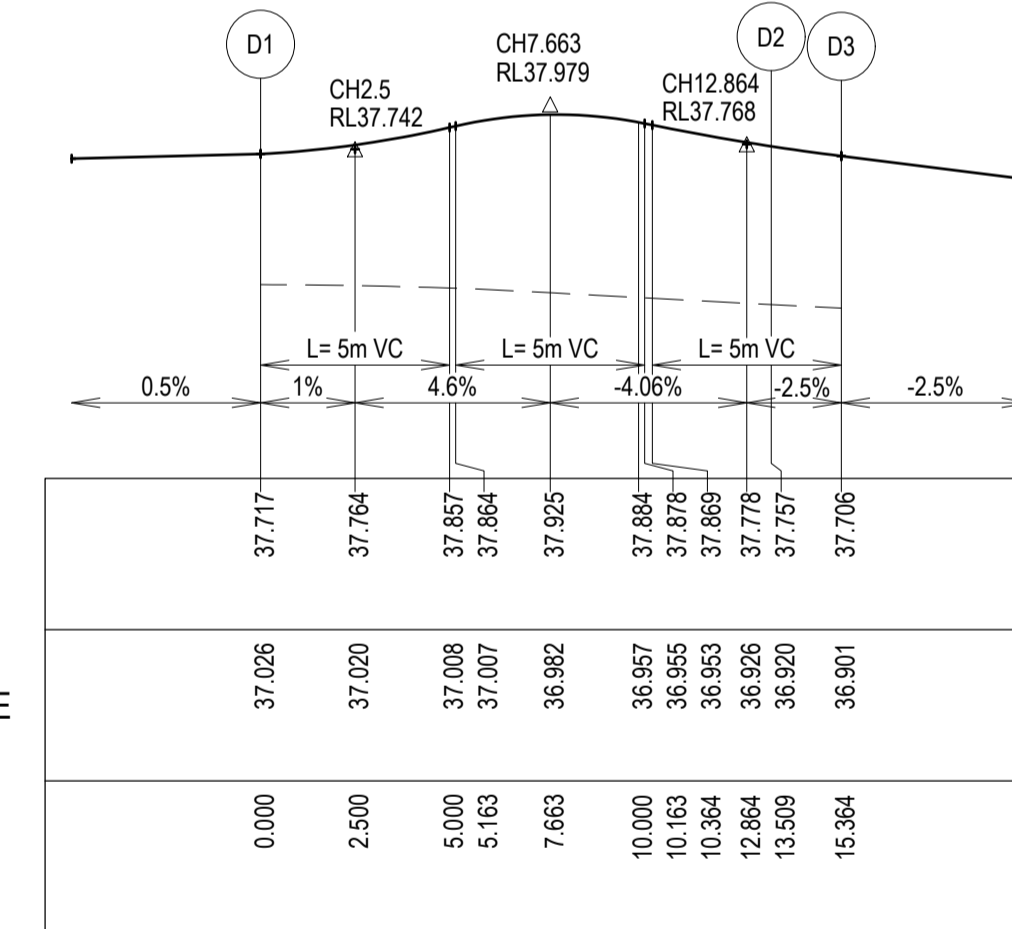
LIP LINE C

ALIGNMENT C

PT NO	EASTING	NORTHING	RL
C1	292267.169	5807180.417	37.706
C2	292285.331	5807180.67	37.755
C3	292255.635	5807173.328	37.661

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
C2 - C3	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	37.878

VERTICAL GEOMETRY  
DATUM RL36  
DESIGN LEVEL  
EXISTING SURFACE  
CHAINAGE

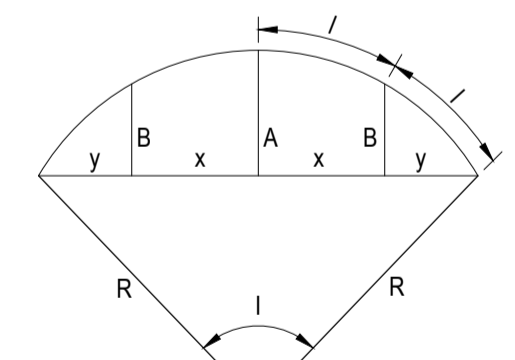


LIP LINE D

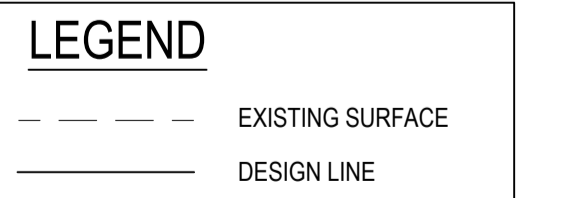
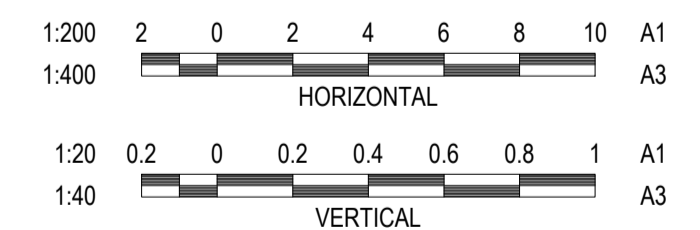
ALIGNMENT D

PT NO	EASTING	NORTHING	RL
D1	292258.865	5807196.706	37.717
D2	292266.207	5807187.01	37.757
D3	292268.045	5807186.756	37.706

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
D1 - D2	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	37.915



LIP PROFILE SETOUT



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N.	C.R.	M.T.
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

CLIENT  
**villawood properties**  
Communities Designed for Living

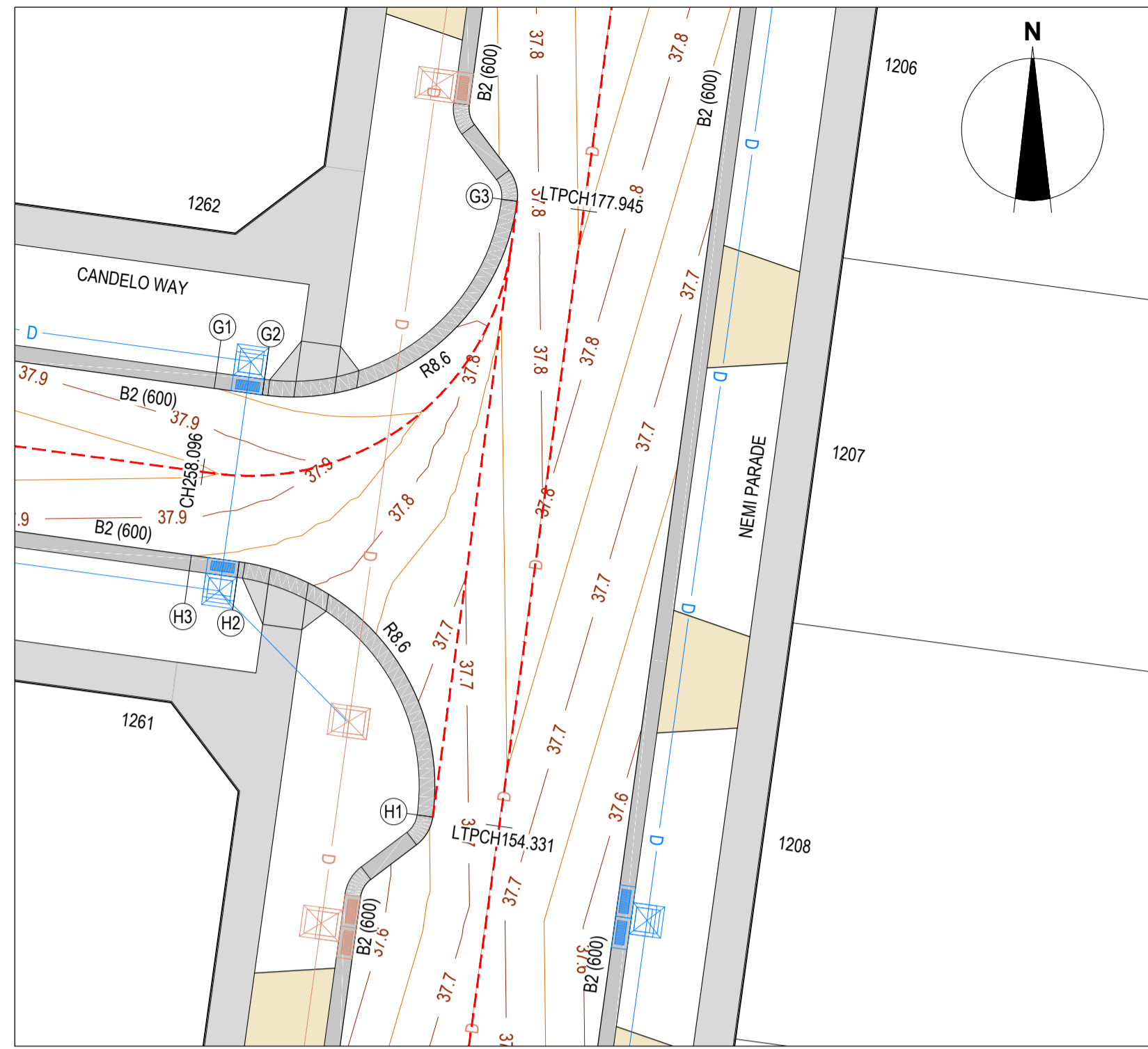
PROJECT  
**creo CONSULTANTS**  
Suite 1, 2 Bloomsbury Street  
Geelong, VIC, Australia 3220

DRAWING TITLE  
**ALAMORA - STAGE 12 INTERSECTION DETAILS - 2**

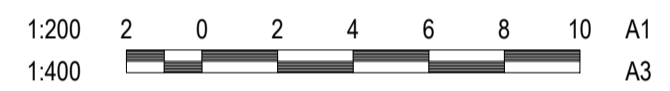
STATUS  
**ISSUED FOR CONSTRUCTION**

SCALE AT A1  
AS SHOWN  
DRAWN  
C.ROHDE  
DESIGNED  
C.ROHDE  
PROJECT ENGINEER  
M.T.ROUNCE  
PROJECT MANAGER  
M.T.ROUNCE  
DATE FIRST ISSUE  
DECEMBER 2022

PROJECT No.  
**200282.12**  
DRAWING No.  
**R301**  
REVISION  
**0**



NEMI PARADE & CANDELO WAY INTERSECTION

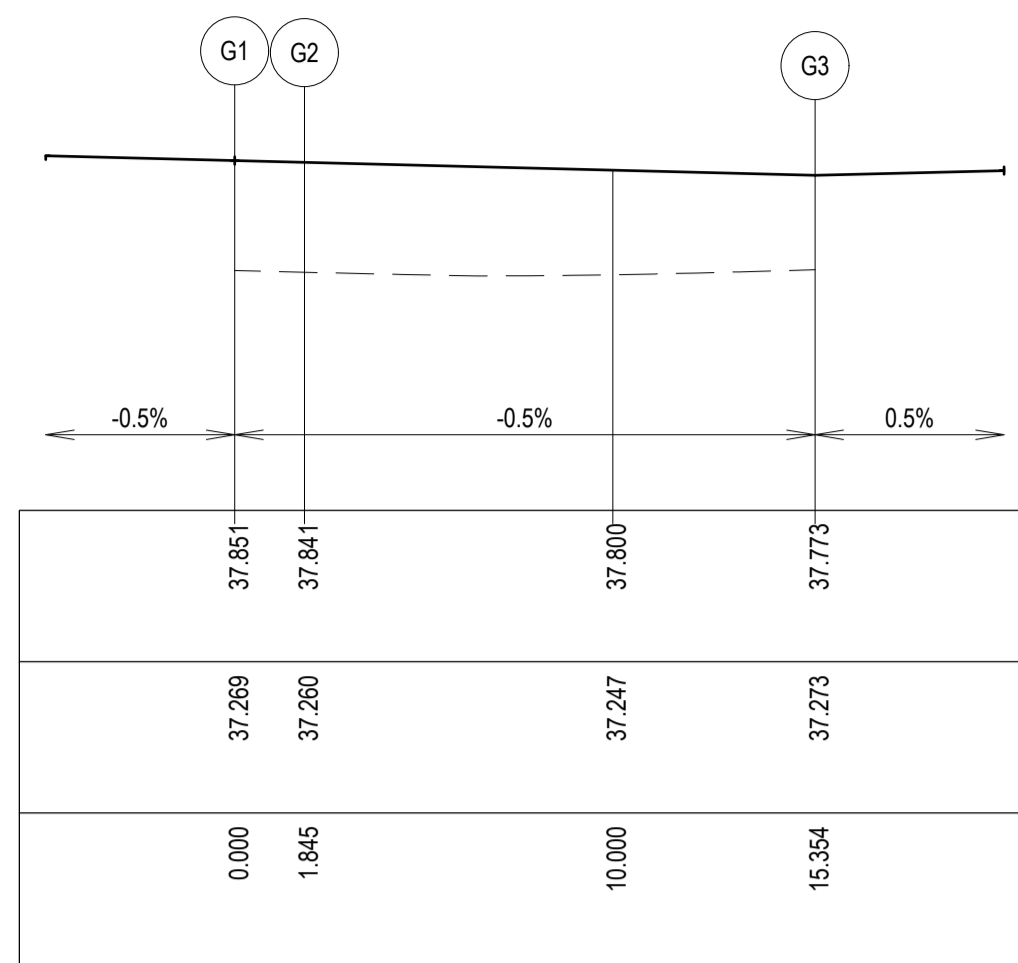


VERTICAL GEOMETRY  
DATUM RL36

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE



ALIGNMENT G

PT NO	EASTING	NORTHING	RL
G1	292248.128	5807232.64	37.851
G2	292249.955	5807232.389	37.841
G3	292259.642	5807239.744	37.773

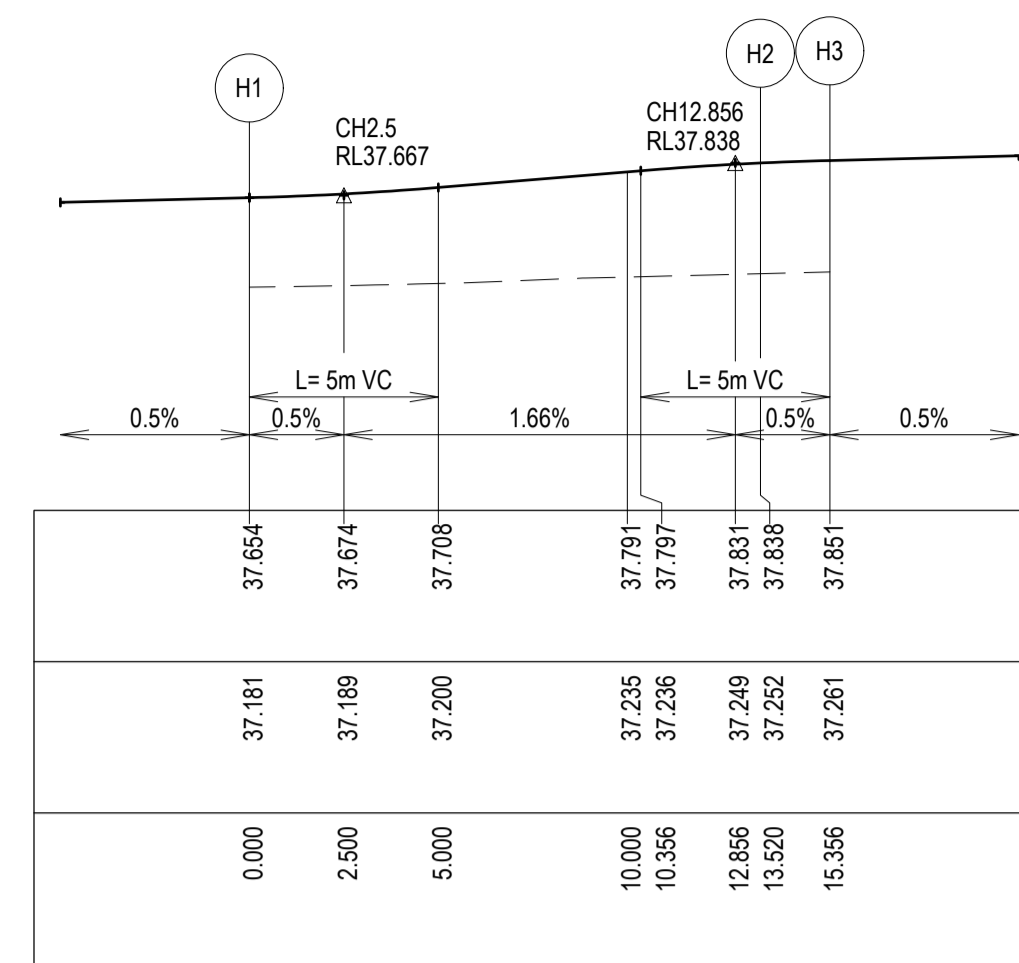
CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
G2 - G3	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	37.807

VERTICAL GEOMETRY  
DATUM RL36

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE



ALIGNMENT H

PT NO	EASTING	NORTHING	RL
H1	292256.431	5807216.352	37.654
H2	292249.079	5807226.05	37.838
H3	292247.26	5807226.299	37.851

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
H1 - H2	90.072	8.6	13.52	2.523	1.867	3.294	2.791	3.38	37.737

- LEGEND - INTERSECTION PLAN
- STORMWATER DRAIN AND PIT
  - EXISTING STORMWATER DRAIN AND PIT
  - MAJOR CONTOUR - 0.1m
  - MINOR CONTOUR - 0.05m
  - CROWN / GRADE LINE

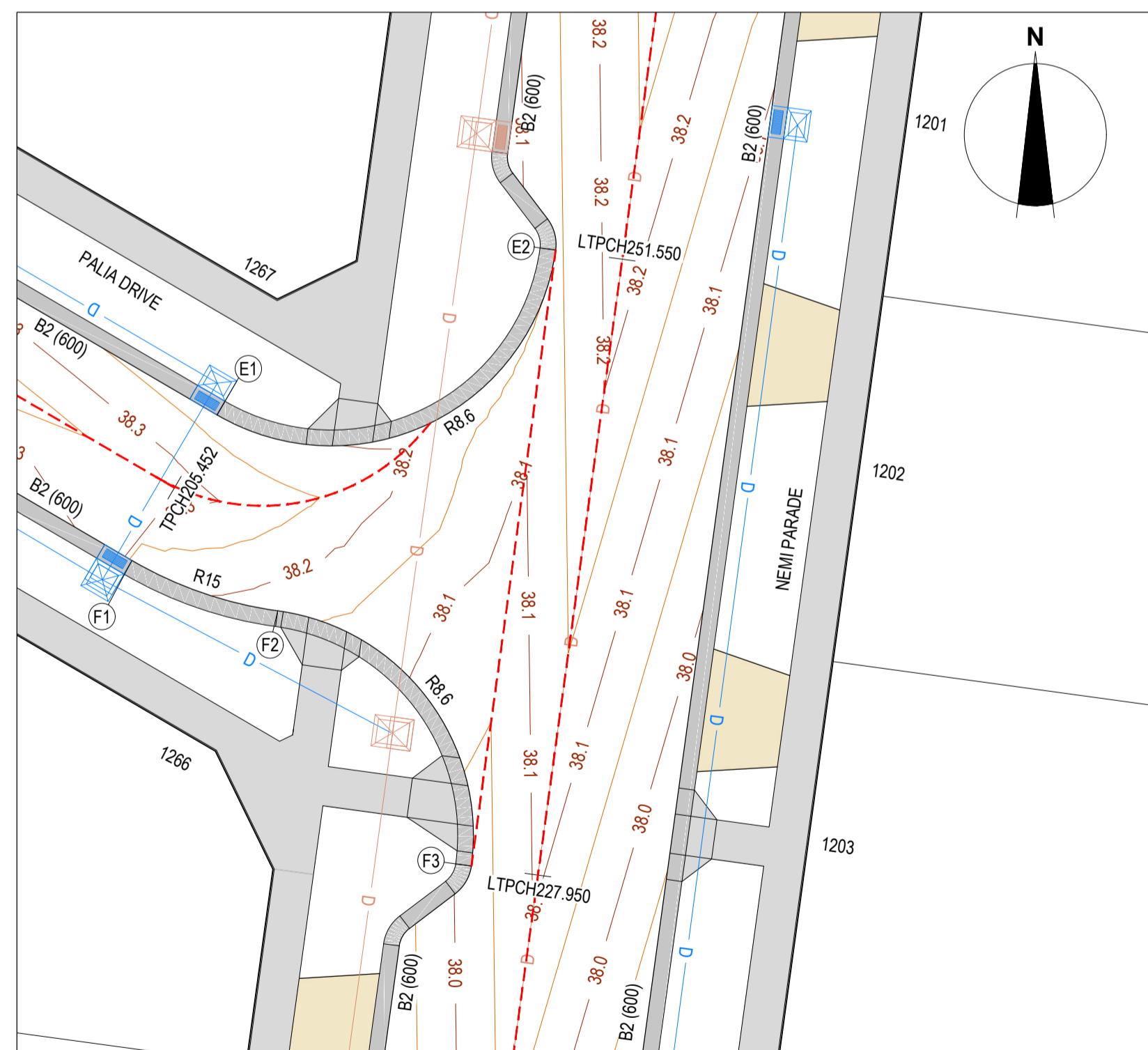
**WARNING**  
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**DIAL 1100 BEFORE YOU DIG**  
www.1100.com.au

Planning and Environment Act 1987  
Wyndham Planning Scheme

Approved Plan As Required  
under Condition 40  
Permit No WYP10817/18  
Date 18/04/2023



NEMI PARADE & PALIA DRIVE INTERSECTION

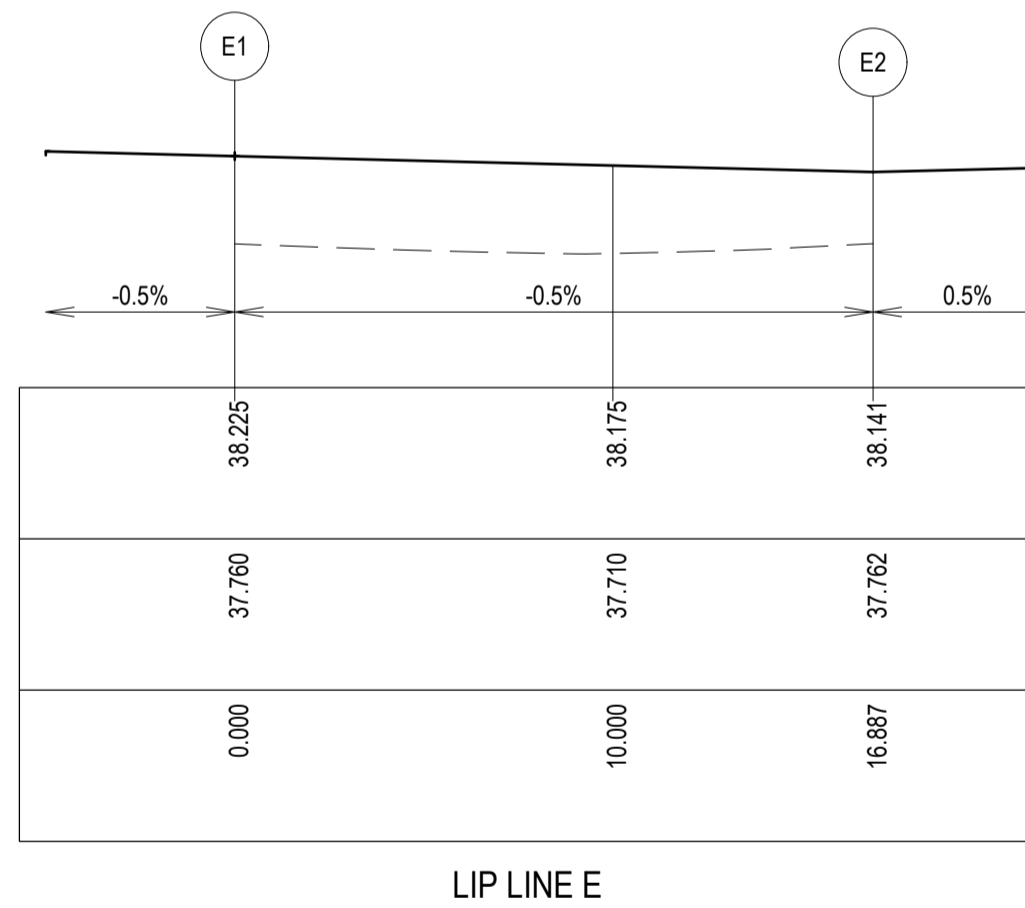


VERTICAL GEOMETRY  
DATUM RL37

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE



ALIGNMENT E

PT NO	EASTING	NORTHING	RL
E1	292256.765	5807306.409	38.225
E2	292269.625	5807312.668	38.141

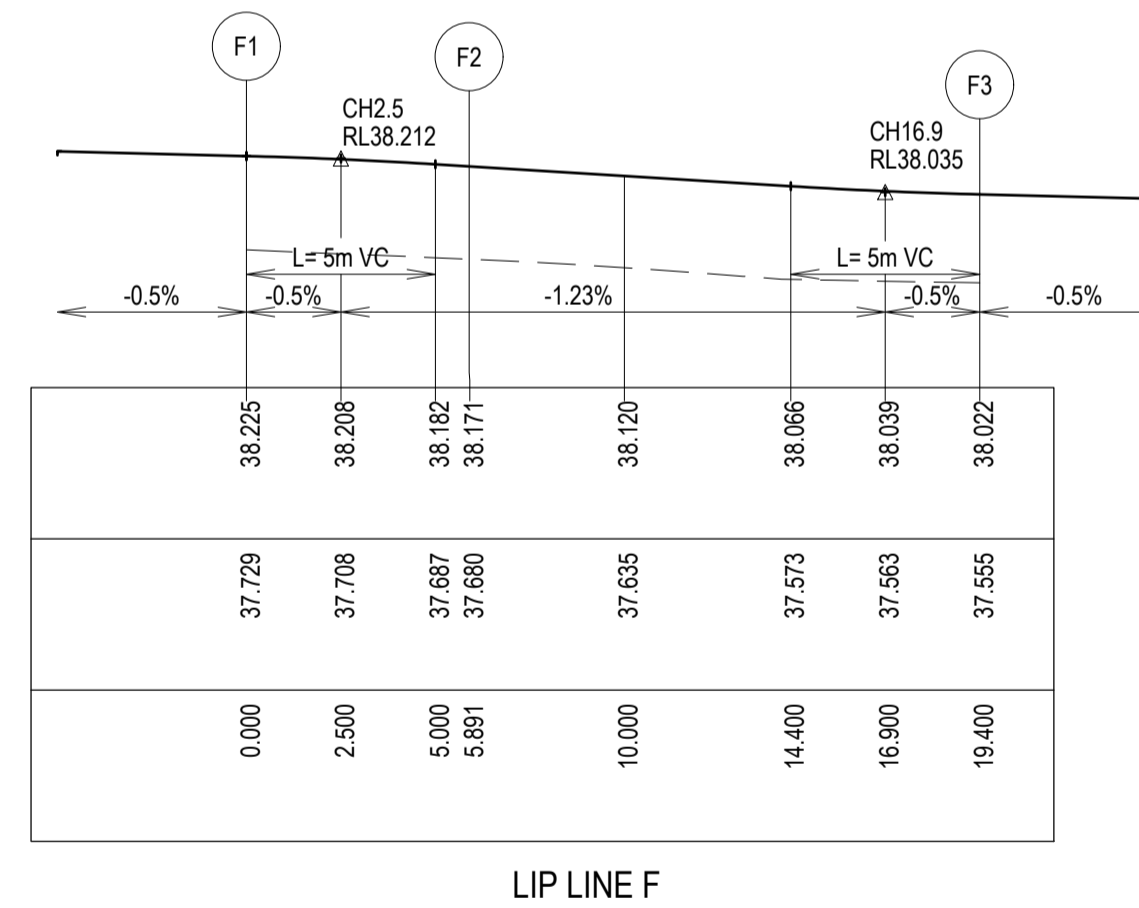
CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
E1 - E2	112.508	8.6	16.887	3.823	2.807	4.054	3.097	4.222	38.183

VERTICAL GEOMETRY  
DATUM RL37

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE

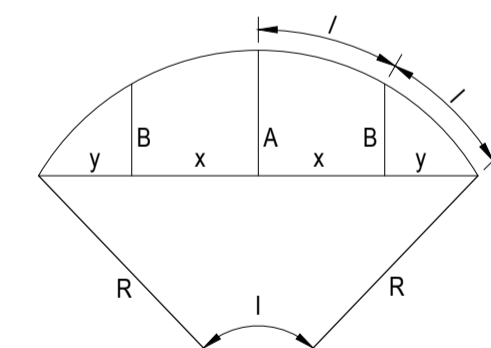


ALIGNMENT F

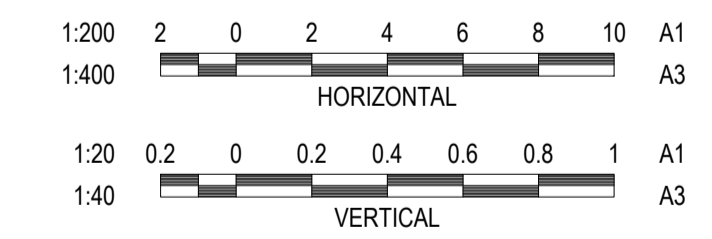
PT NO	EASTING	NORTHING	RL
F1	292253.536	5807300.884	38.225
F2	292259.07	5807298.973	38.171
F3	292266.424	5807289.286	38.022

CURVE NO	I	RAD.	ARC	A	B	X	Y	I	MID POINT RL
F1 - F2	22.111	15.266	5.891	0.283	0.212	1.471	1.457	1.473	38.204
F2 - F3	90	8.6	13.509	2.519	1.864	3.291	2.79	3.377	38.087



LIP PROFILE SETOUT



- LEGEND
- EXISTING SURFACE
  - DESIGN LINE

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R.	M.T.
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

CLIENT

Communities Designed for Living

PROJECT

Suite 1, 2 Bloomsbury Street  
Geelong, VIC, Australia 3220

DRAWING TITLE

ALAMORA - STAGE 12  
INTERSECTION DETAILS - 3

STATUS

ISSUED FOR  
CONSTRUCTION

SCALE AT A1

AS SHOWN

PROJECT ENGINEER: M.TROUNCE

DRAWN: C.ROHDE

PROJECT MANAGER: M.TROUNCE

DESIGNED: C.ROHDE

DATE FIRST ISSUE: DECEMBER 2022

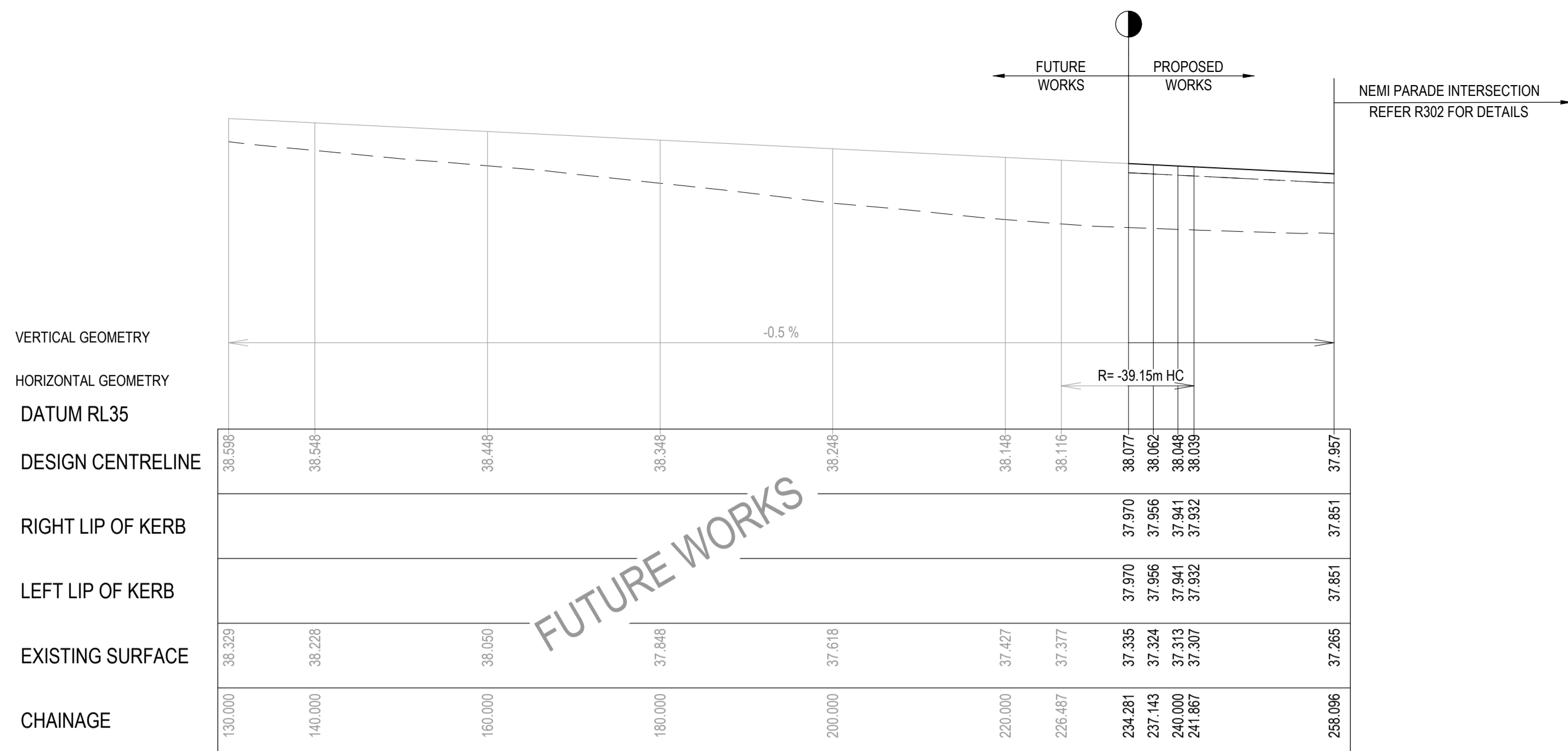
PROJECT No: 200282.12

DRAWING No: R302

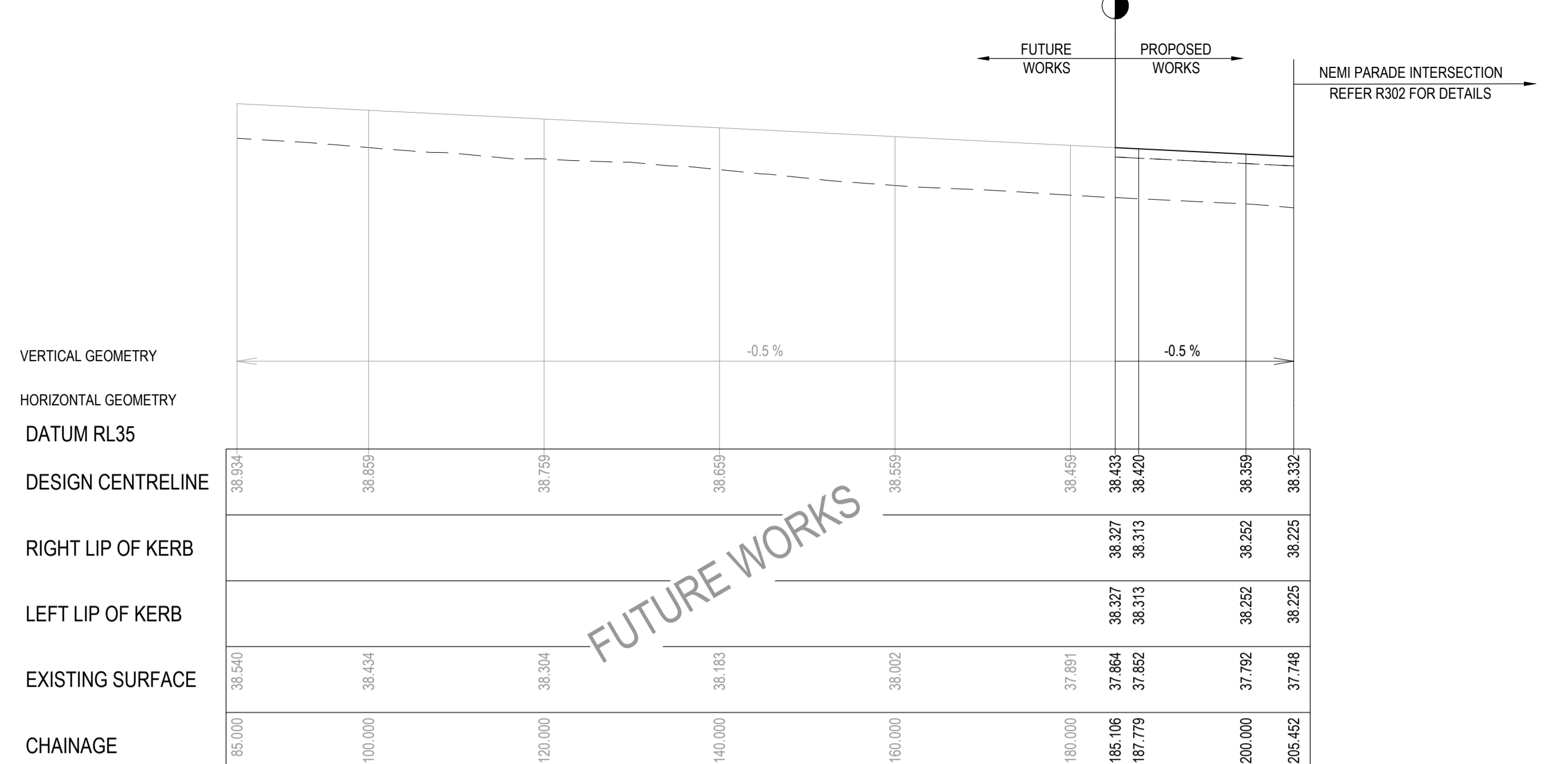
REVISION: 0





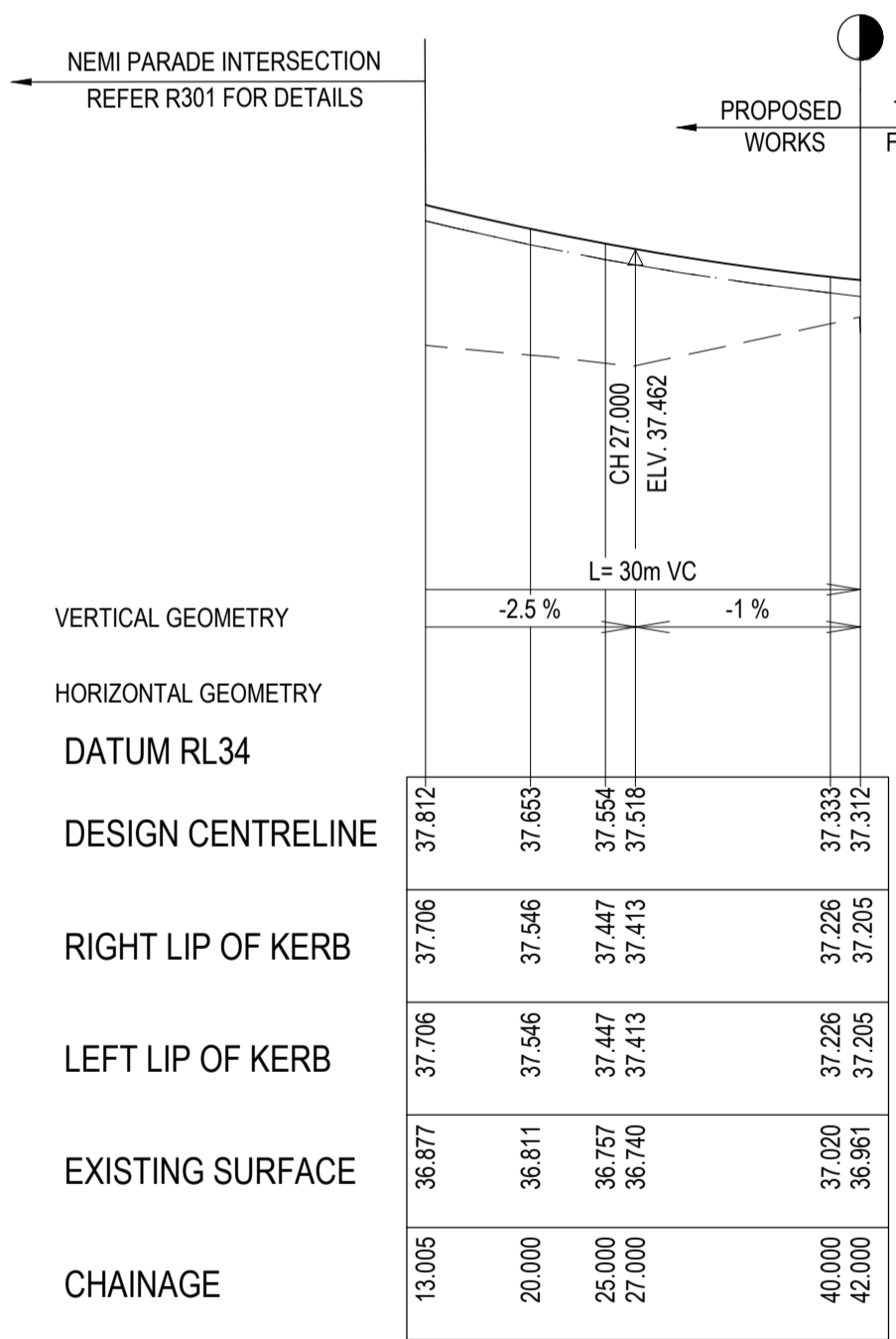


CANDELO WAY LONGITUDINAL SECTION

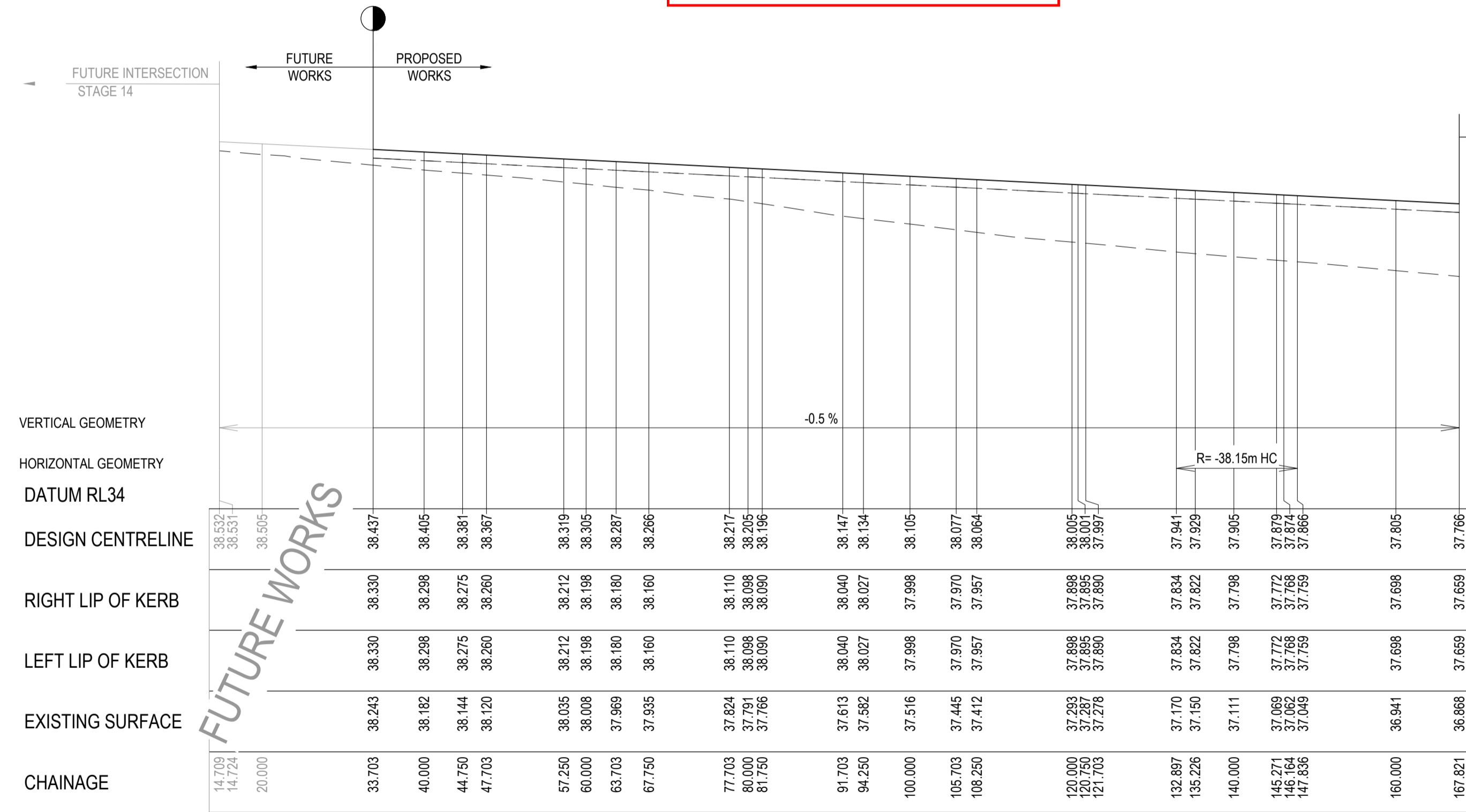


PALIA DRIVE LONGITUDINAL SECTION

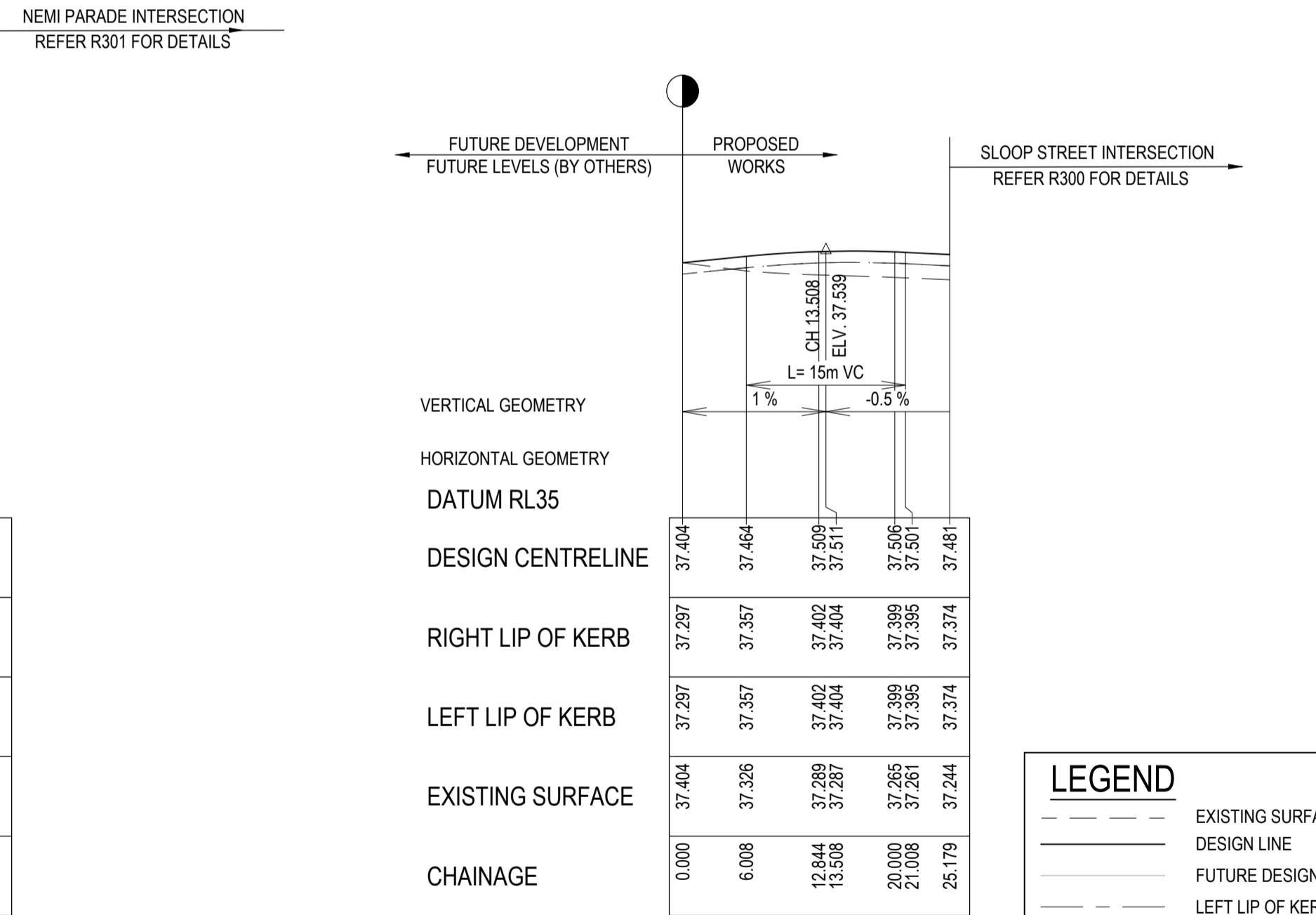
**Planning and Environment Act 1987**  
**Wyndham Planning Scheme**  
**Approved Plan As Required**  
**under Condition 40**  
**Permit No WYP10817/18**  
**Date 18/04/2023**



LARBOARD STREET LONGITUDINAL SECTION



TOWAMBA WAY LONGITUDINAL SECTION

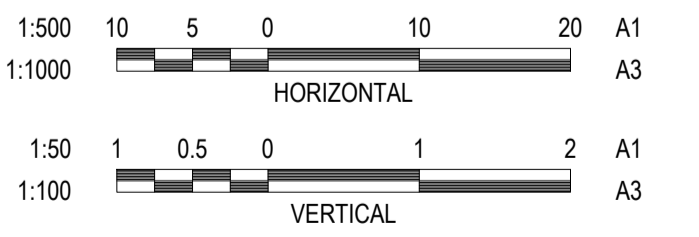


WARANA WAY LONGITUDINAL SECTION

**LEGEND**

- EXISTING SURFACE
- DESIGN LINE
- - - FUTURE DESIGN LINE
- - - LEFT LIP OF KERB
- - - RIGHT LIP OF KERB

NOTE: REFER TO GENERAL NOTES REGARDING STRUCTURAL FILL

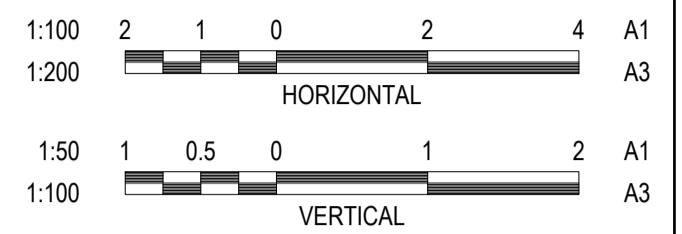


REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.	<p>Communities Designed for Living</p>	<p>Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220</p>	<p>ALAMORA - STAGE 12 LONGITUDINAL SECTIONS - 2</p>	<p><b>ISSUED FOR CONSTRUCTION</b></p>	AS SHOWN	C.ROHDE	C.ROHDE
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R.	M.T.					PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.					M.TROUNCE	M.TROUNCE	DECEMBER 2022
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.					PROJECT No.	DRAWING No.	REVISION
										<b>200282.12</b>	<b>R401</b>	<b>0</b>

**WARNING**  
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 The locations of underground & overhead services are approximate only & their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works.  
**DIAL 1100 BEFORE YOU DIG**  
 www.1100.com.au

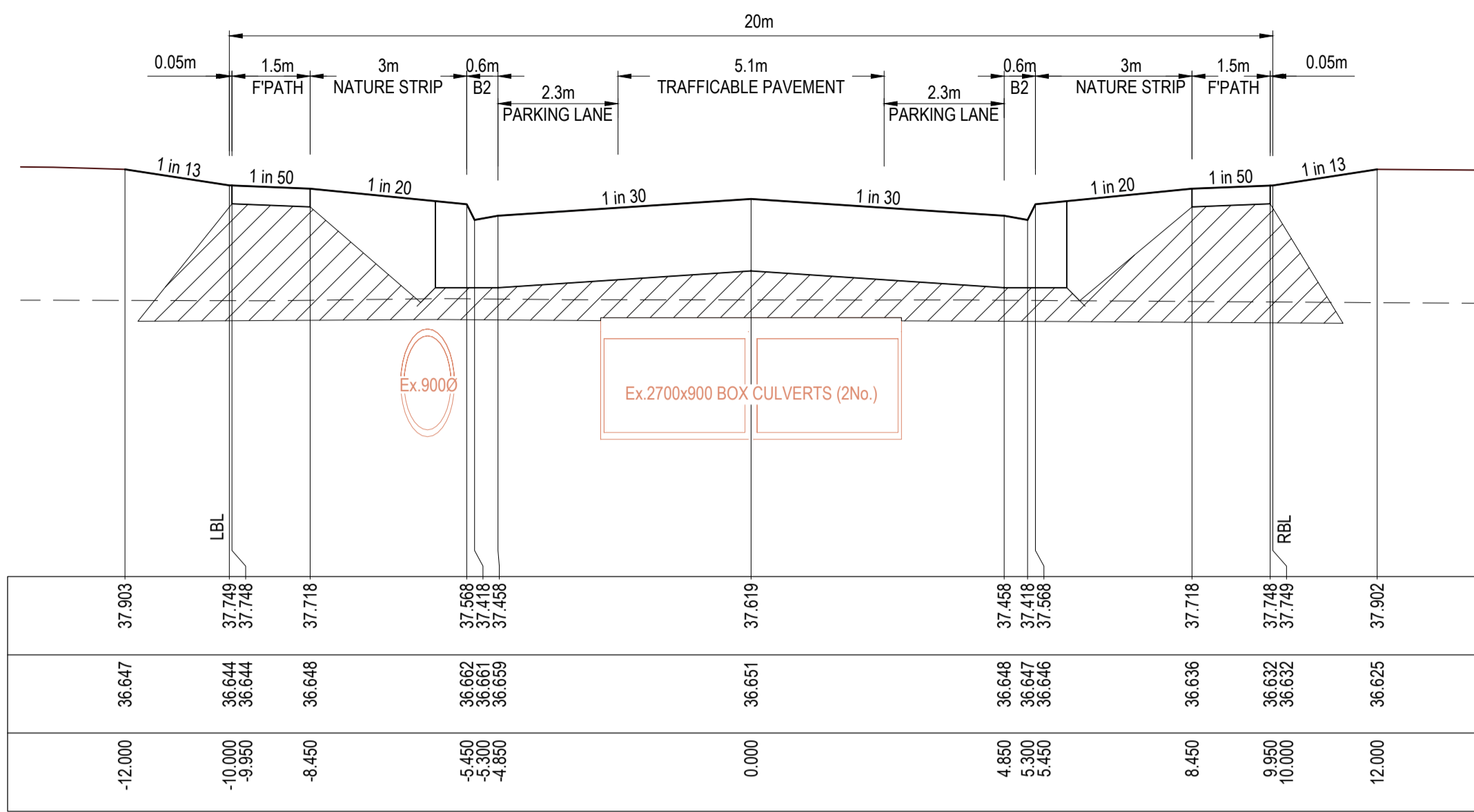
**LEGEND**

	EXISTING SURFACE
	DESIGN LINE
	STRUCTURAL FILL

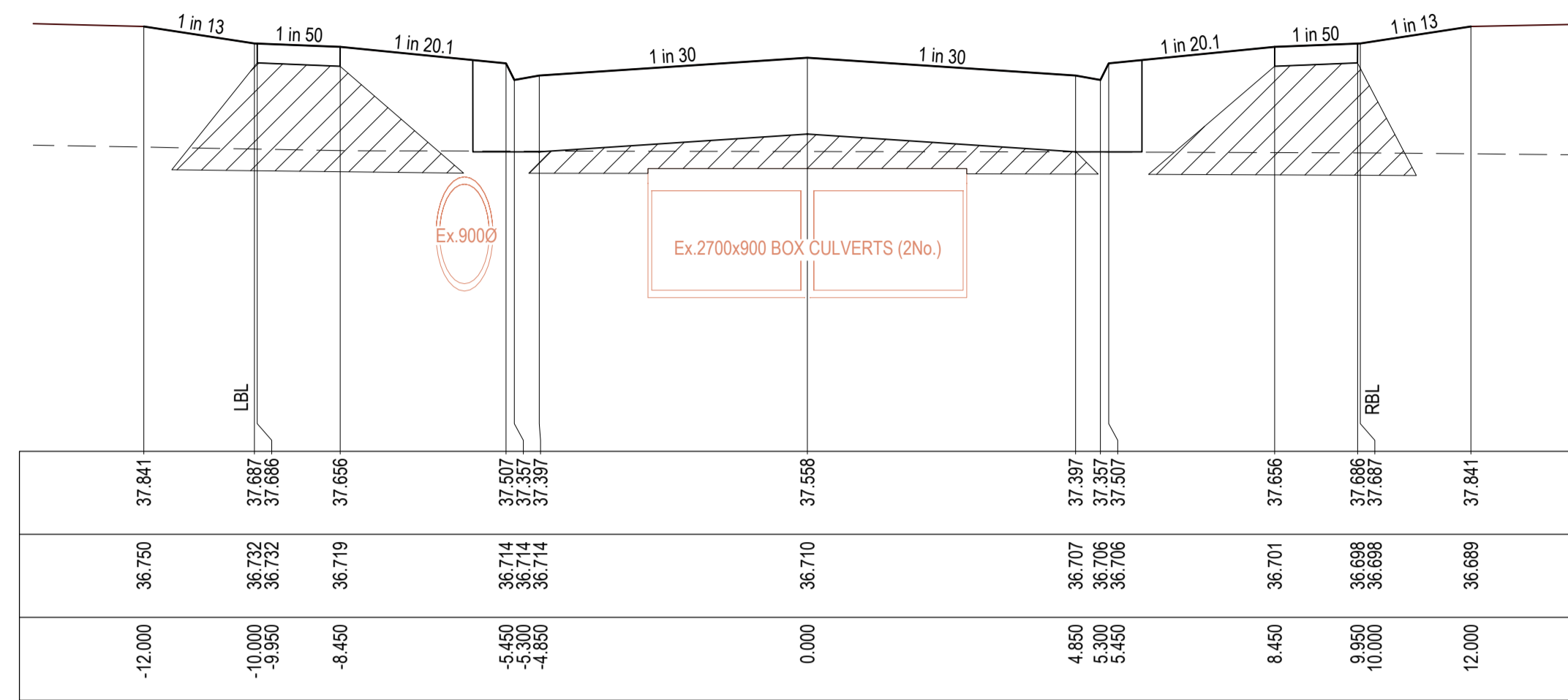


**NOTE:**  
 CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

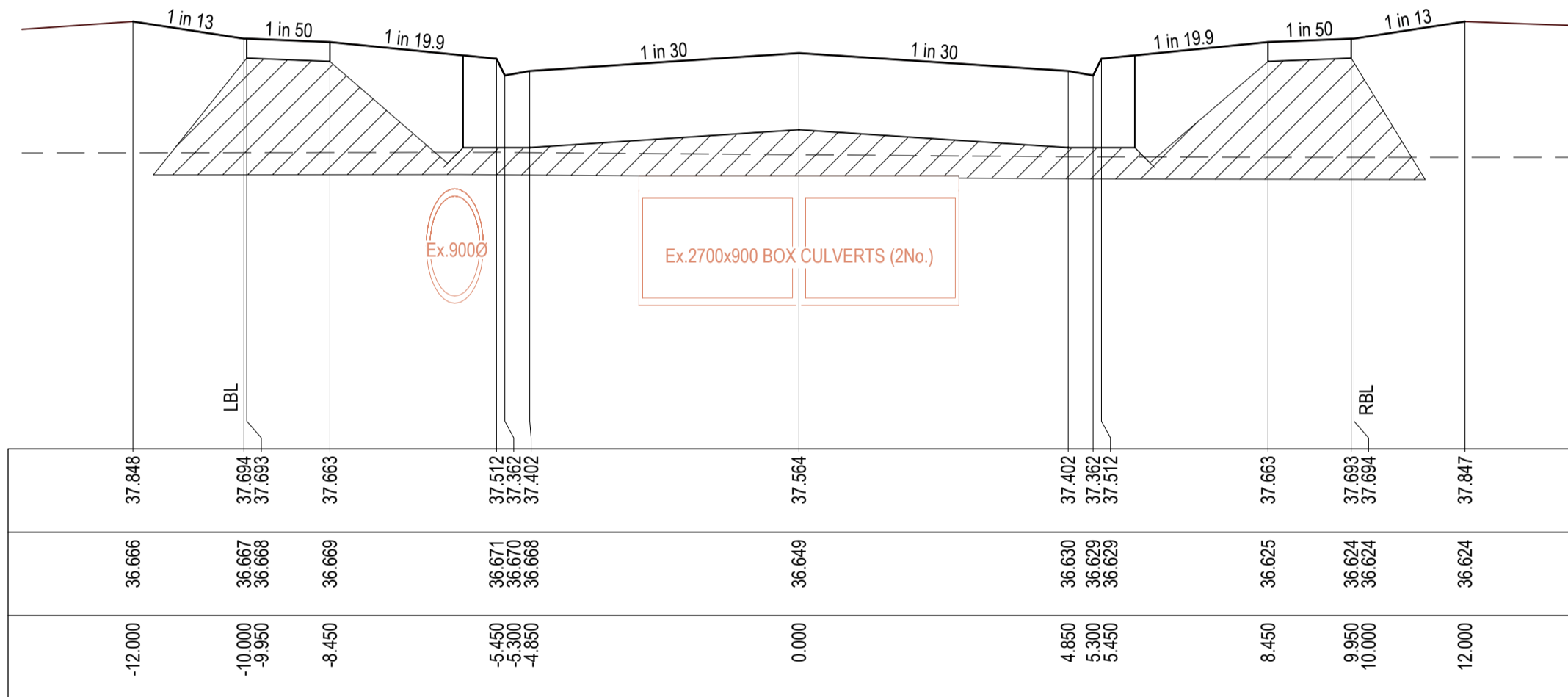
**NOTE:**  
 SELECT STRUCTURAL FILL IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS & REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE.



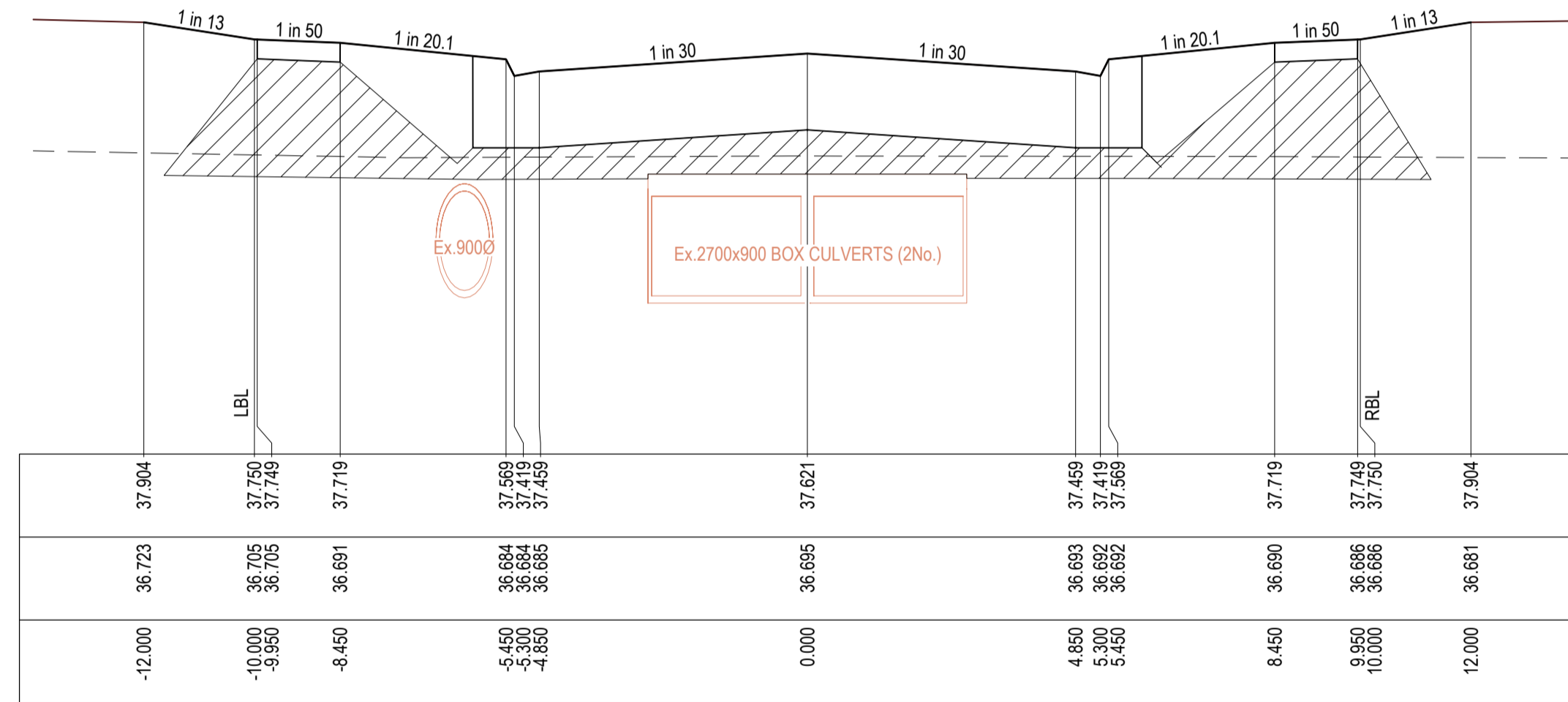
CH 26.345



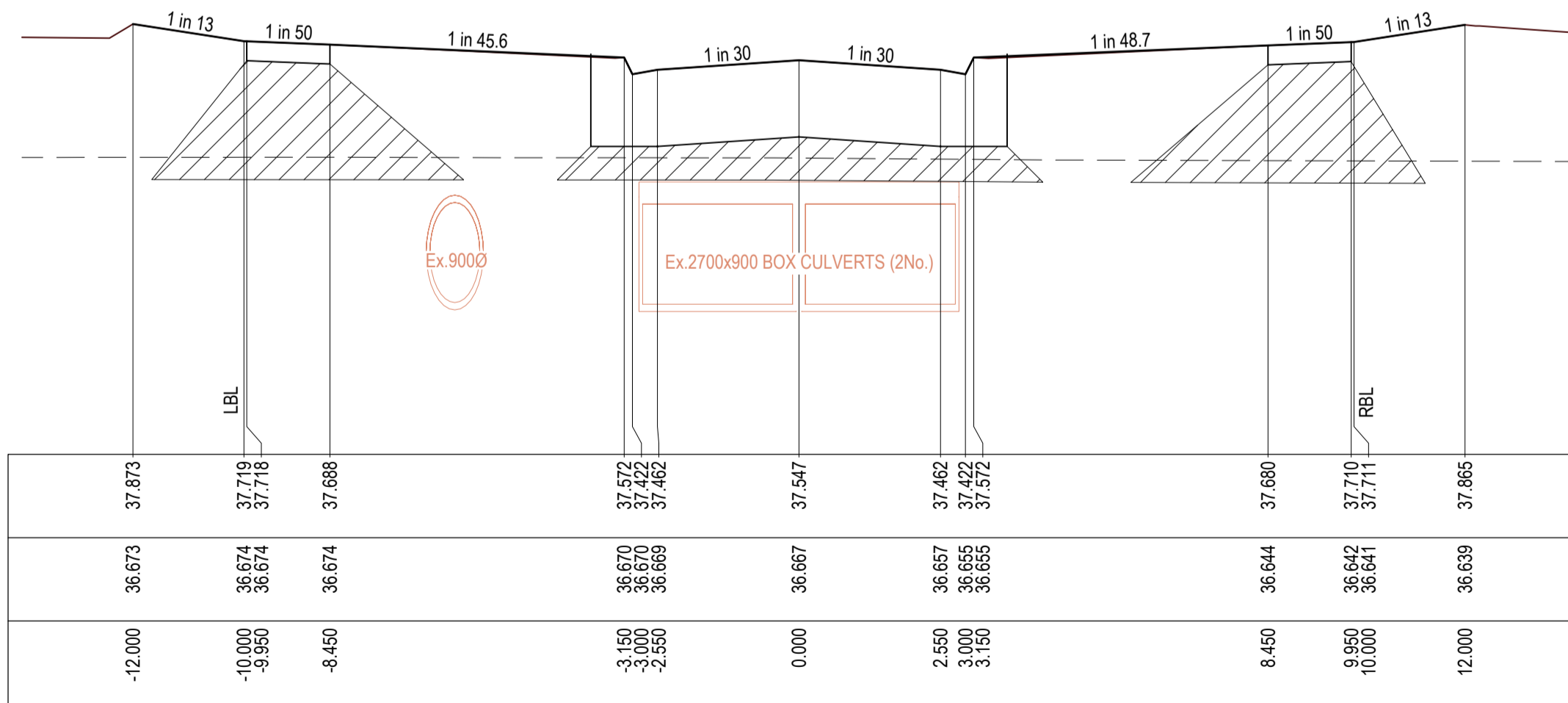
CH 63.845



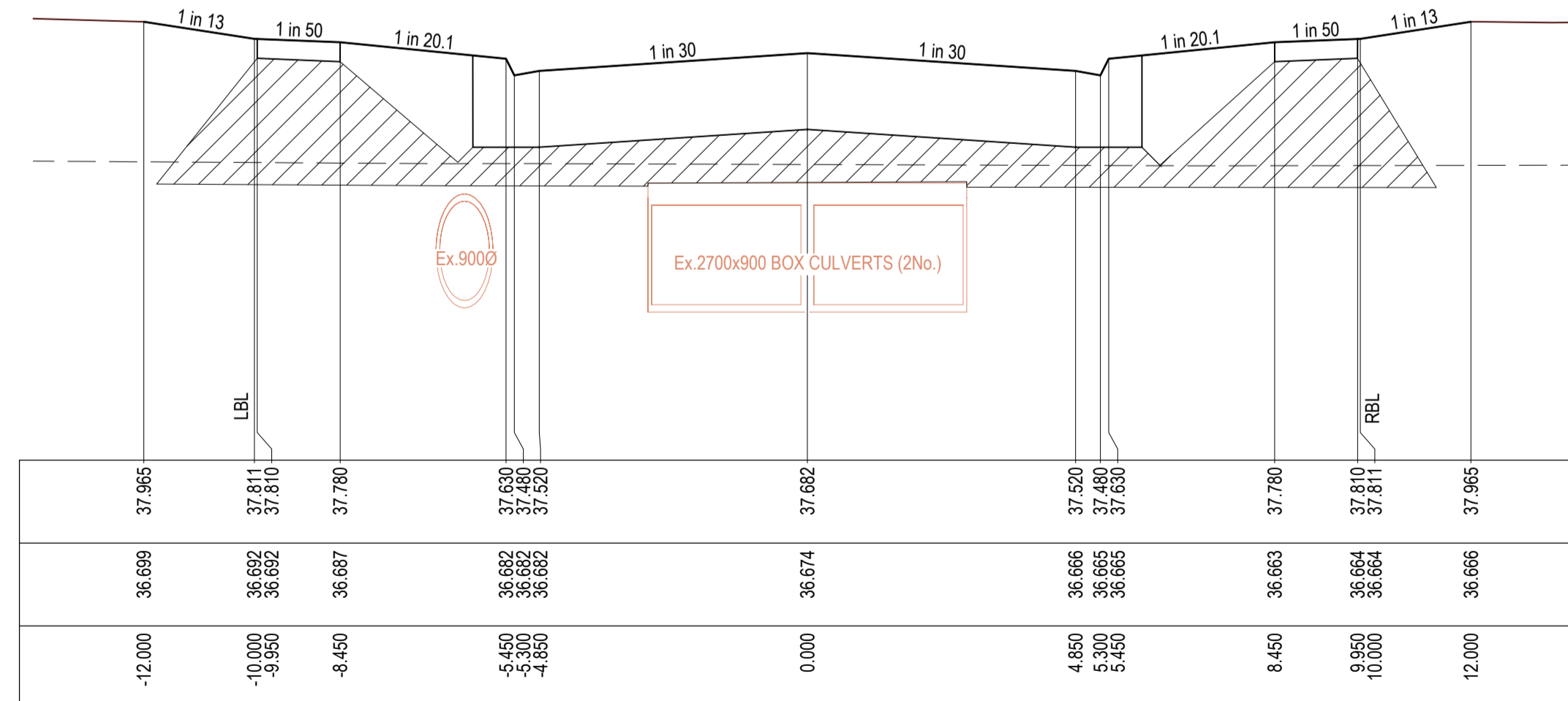
CH 15.177 (TANGENT POINT)



CH 51.345



CH 11.800 (TANGENT POINT)



CH 38.845

**Planning and Environment Act 1987**  
**Wyndham Planning Scheme**  
 Approved Plan As Required  
 under Condition 40  
 Permit No WYP10817/18  
 Date 18/04/2023

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N.	C.R.	M.T.
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

**CLIENT**

**villawood properties**  
 Communities Designed for Living

**creo CONSULTANTS**

Suite 1, 2 Bloombsbury Street  
 Geelong, VIC, Australia 3220

**ALAMORA**  
*arncliffe*

**DRAWING TITLE**  
 ALAMORA - STAGE 12  
 ROAD CROSS SECTIONS - 1  
 NEMI PARADE - SHEET 01

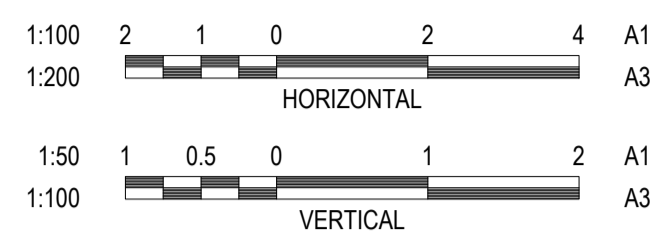
**STATUS**  
 ISSUED FOR  
 CONSTRUCTION

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
200282.12	R500	0

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 www.1100.com.au

**LEGEND**

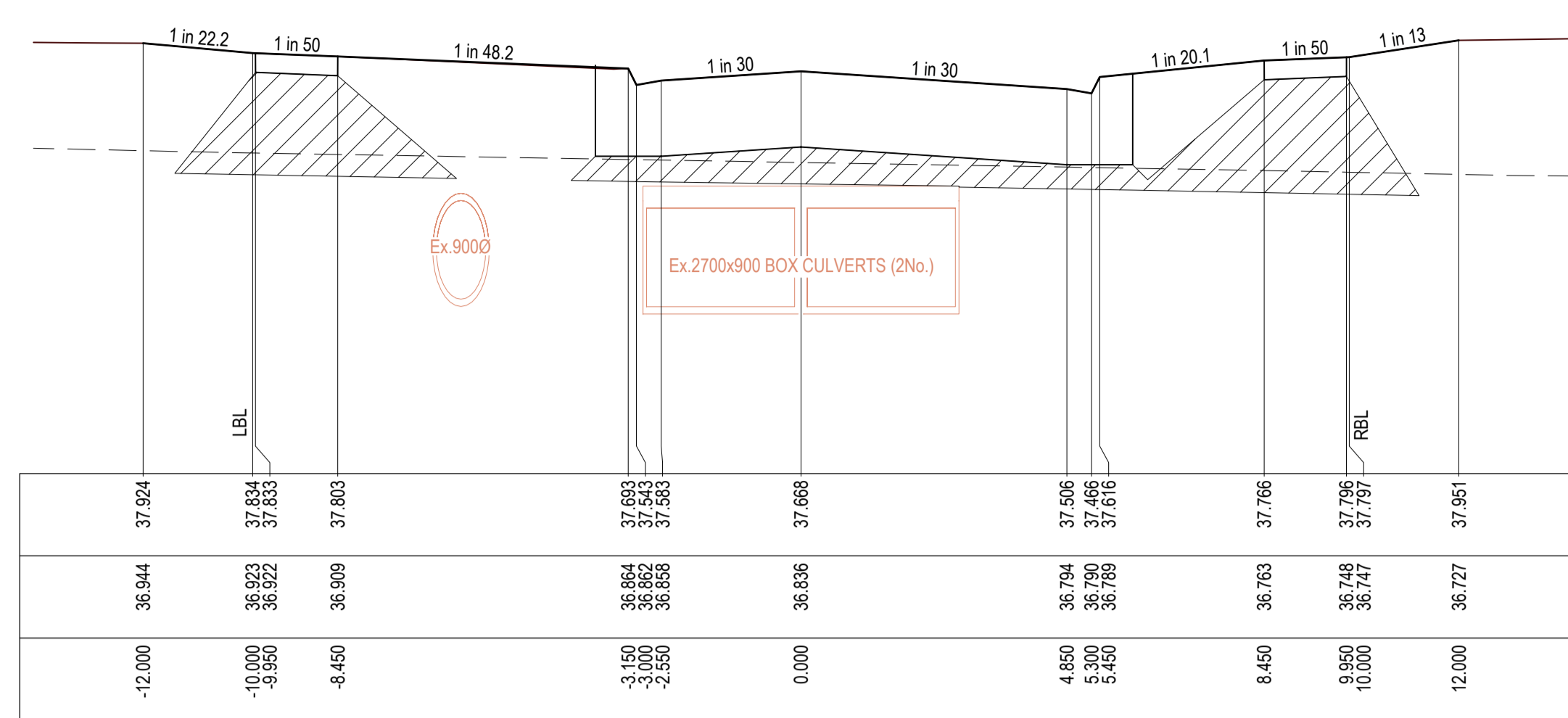
	EXISTING SURFACE
	DESIGN LINE
	STRUCTURAL FILL



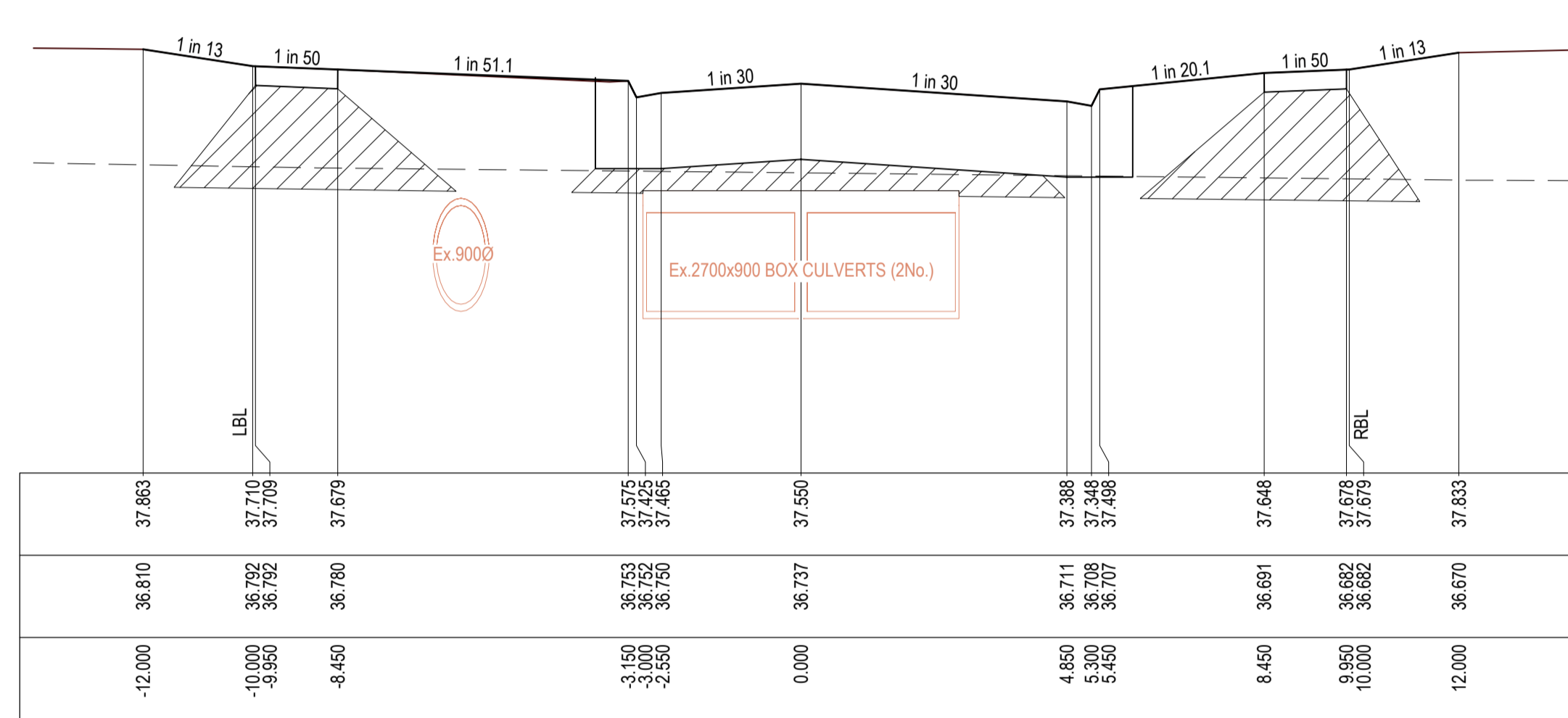
**NOTE:**  
 CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

**NOTE:**  
 SELECT STRUCTURAL FILL IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS & REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE.

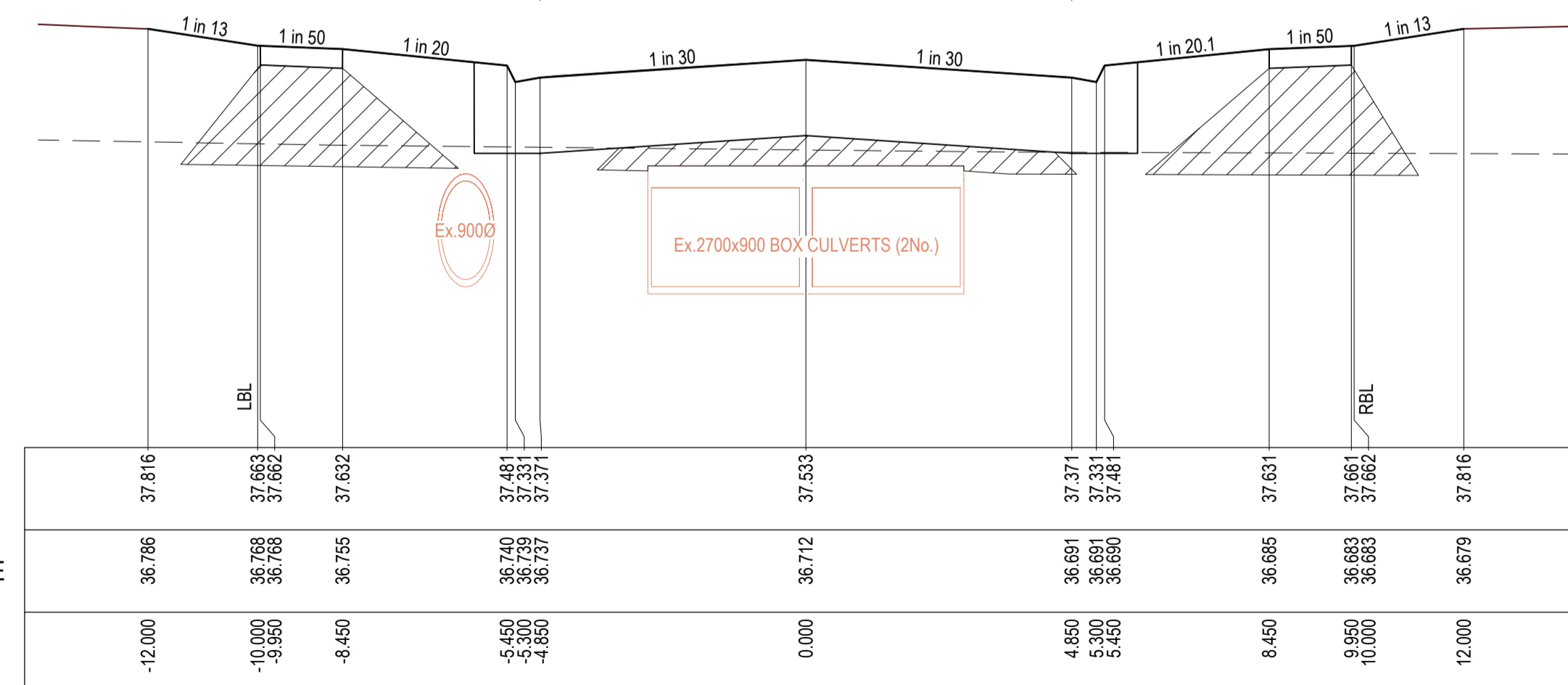
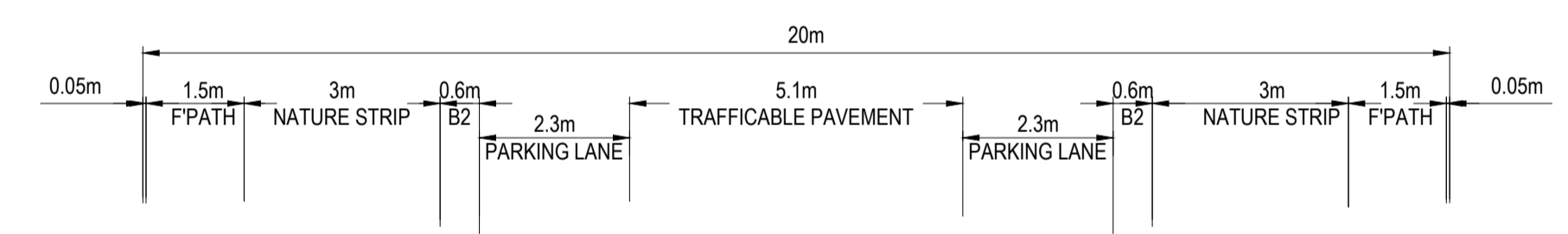
**Planning and Environment Act 1987**  
**Wyndham Planning Scheme**  
**Approved Plan As Required**  
**under Condition 40**  
**Permit No WYP10817/18**  
**Date 18/04/2023**



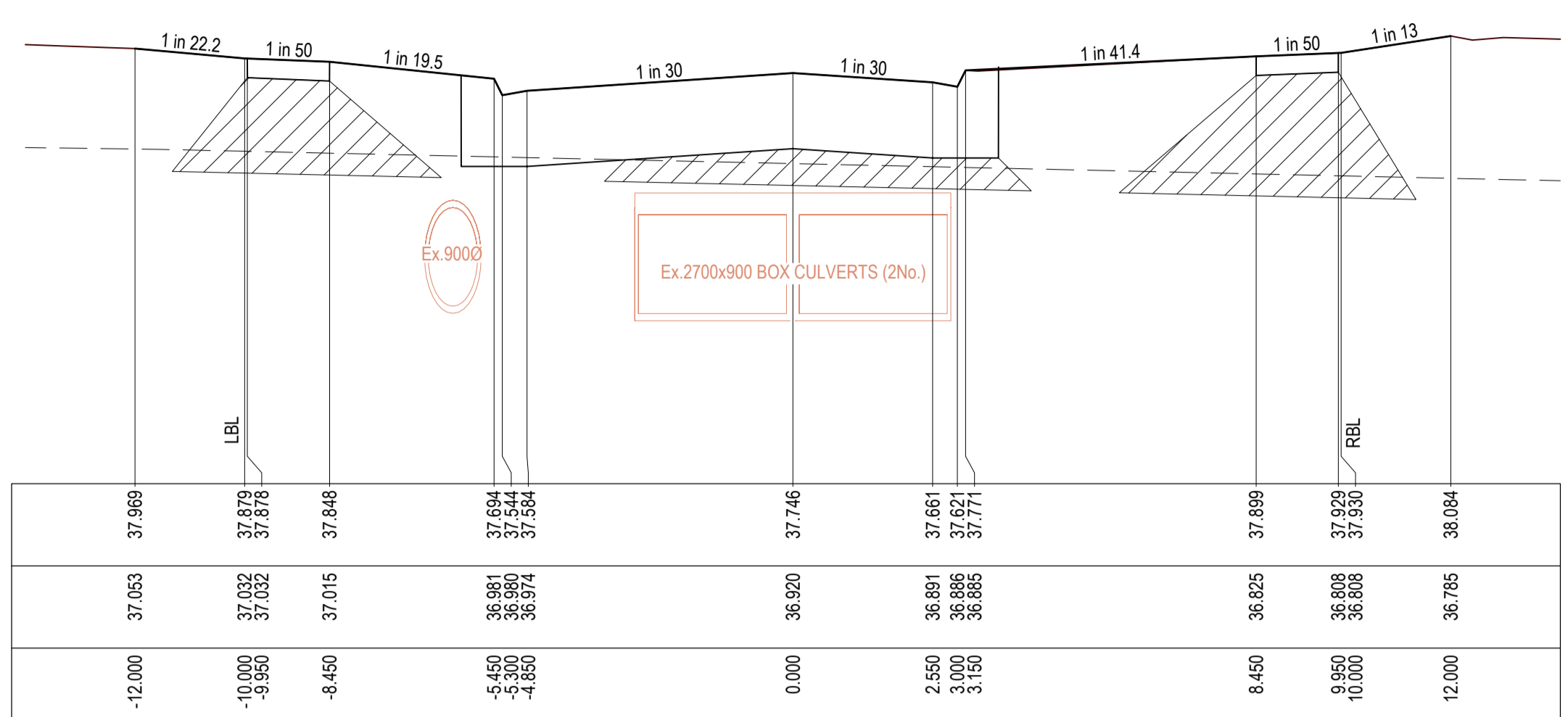
CH 96.051 (LEFT TANGENT POINT)



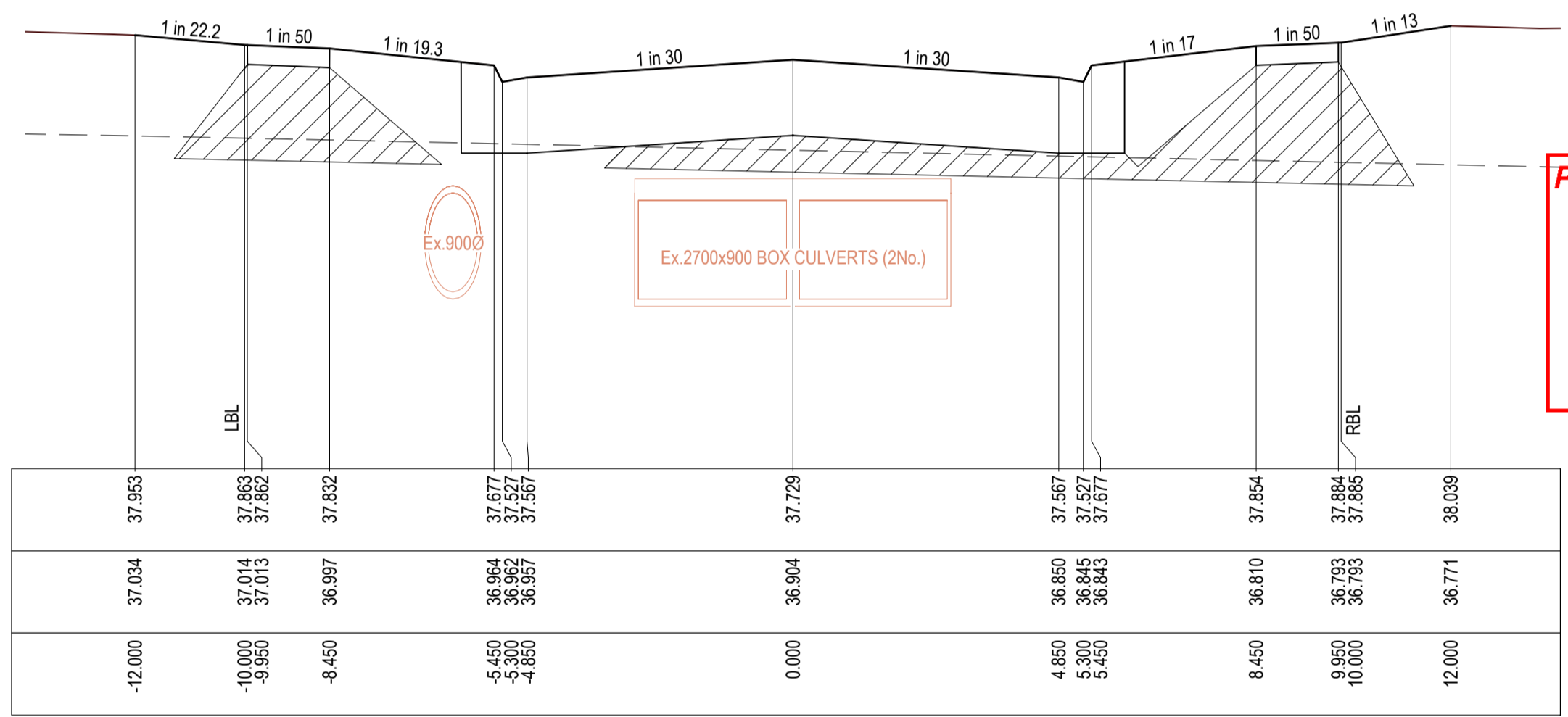
CH 72.451 (LEFT TANGENT POINT)



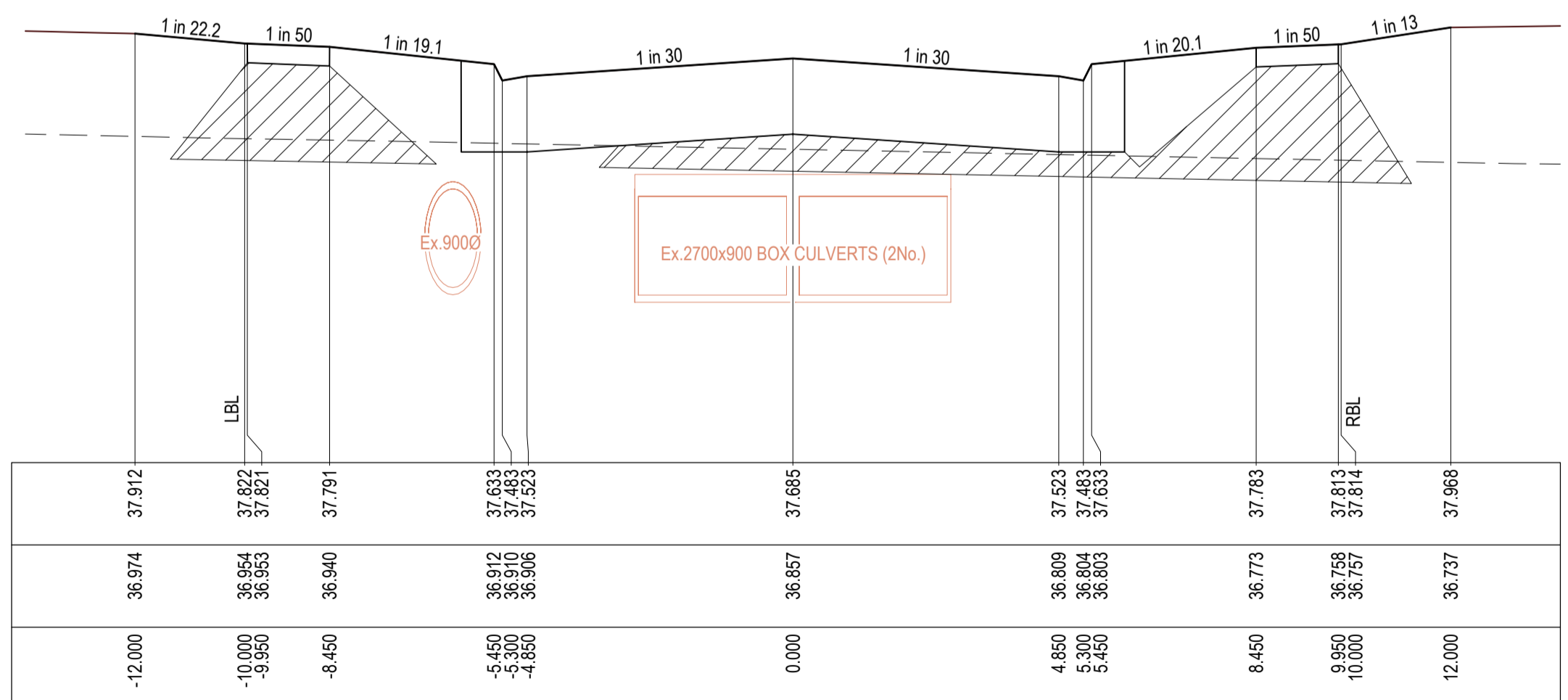
CH 69.074 (LEFT TANGENT POINT)



CH 111.603 (RIGHT TANGENT POINT)



CH 108.226 (RIGHT TANGENT POINT)



CH 99.428 (LEFT TANGENT POINT)

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
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A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

**villawood**  
 properties  
 Communities Designed for Living

**creo**  
 CONSULTANTS  
 Suite 1, 2 Bloomsbury Street  
 Geelong, VIC, Australia 3220

**ALAMORA**  
 Tarnait

**ALAMORA - STAGE 12**  
**ROAD CROSS SECTIONS - 2**  
**NEMI PARADE - SHEET 02**

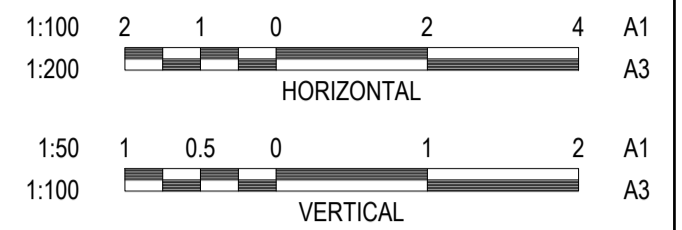
**ISSUED FOR CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>200282.12</b>	<b>R501</b>	<b>0</b>

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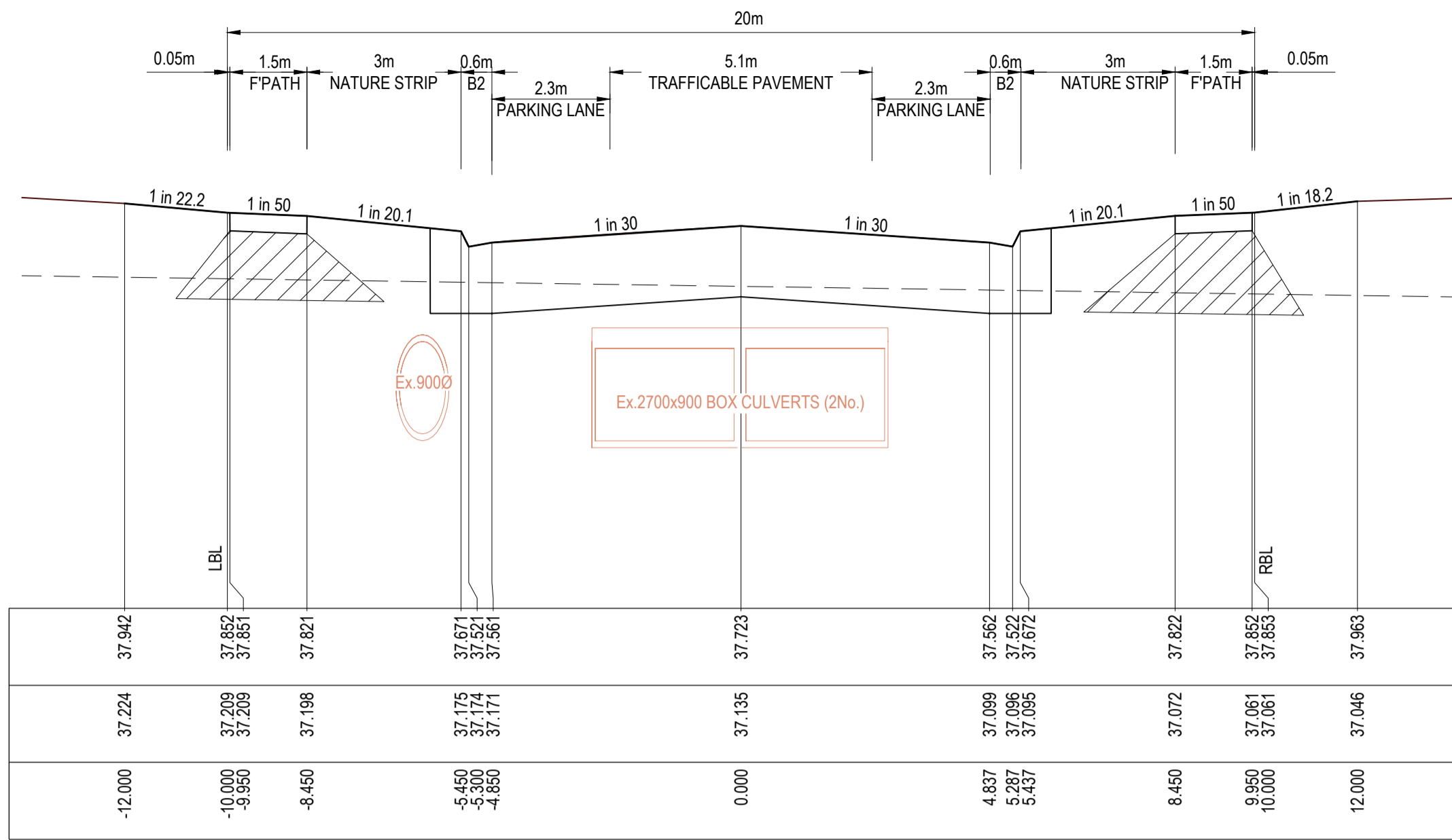
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 www.1100.com.au

**LEGEND**  
 - - - - - EXISTING SURFACE  
 \_\_\_\_\_ DESIGN LINE  
 [Hatched Box] STRUCTURAL FILL

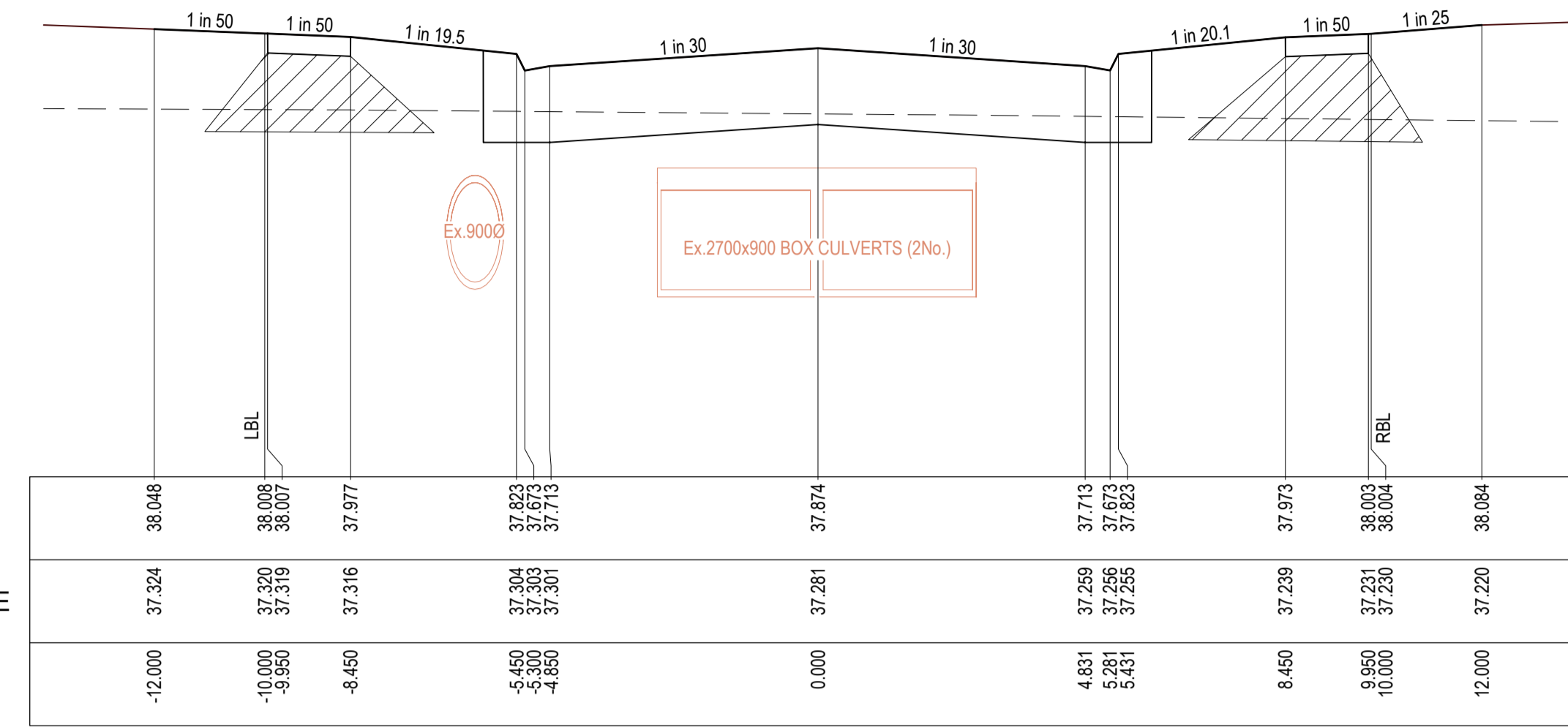


**NOTE:**  
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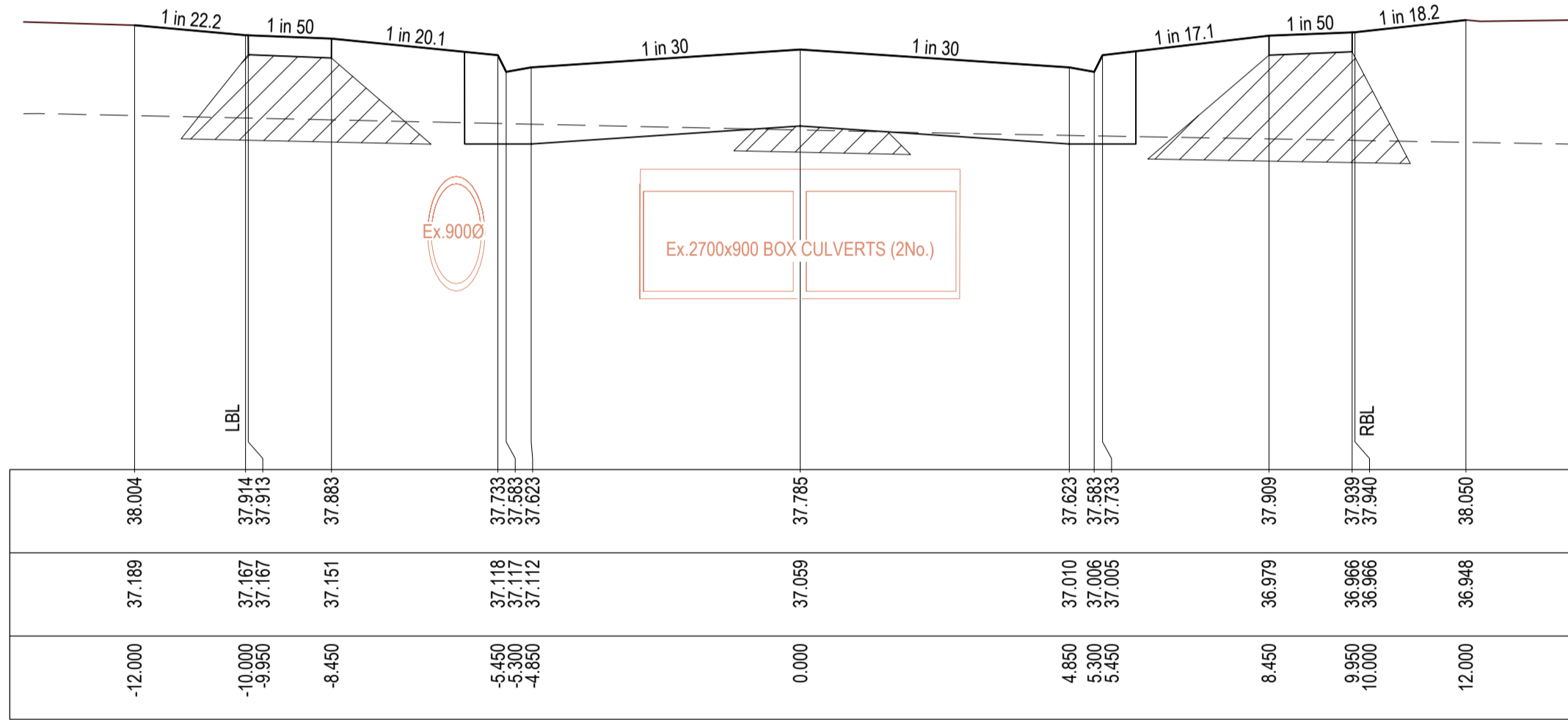
**NOTE:**  
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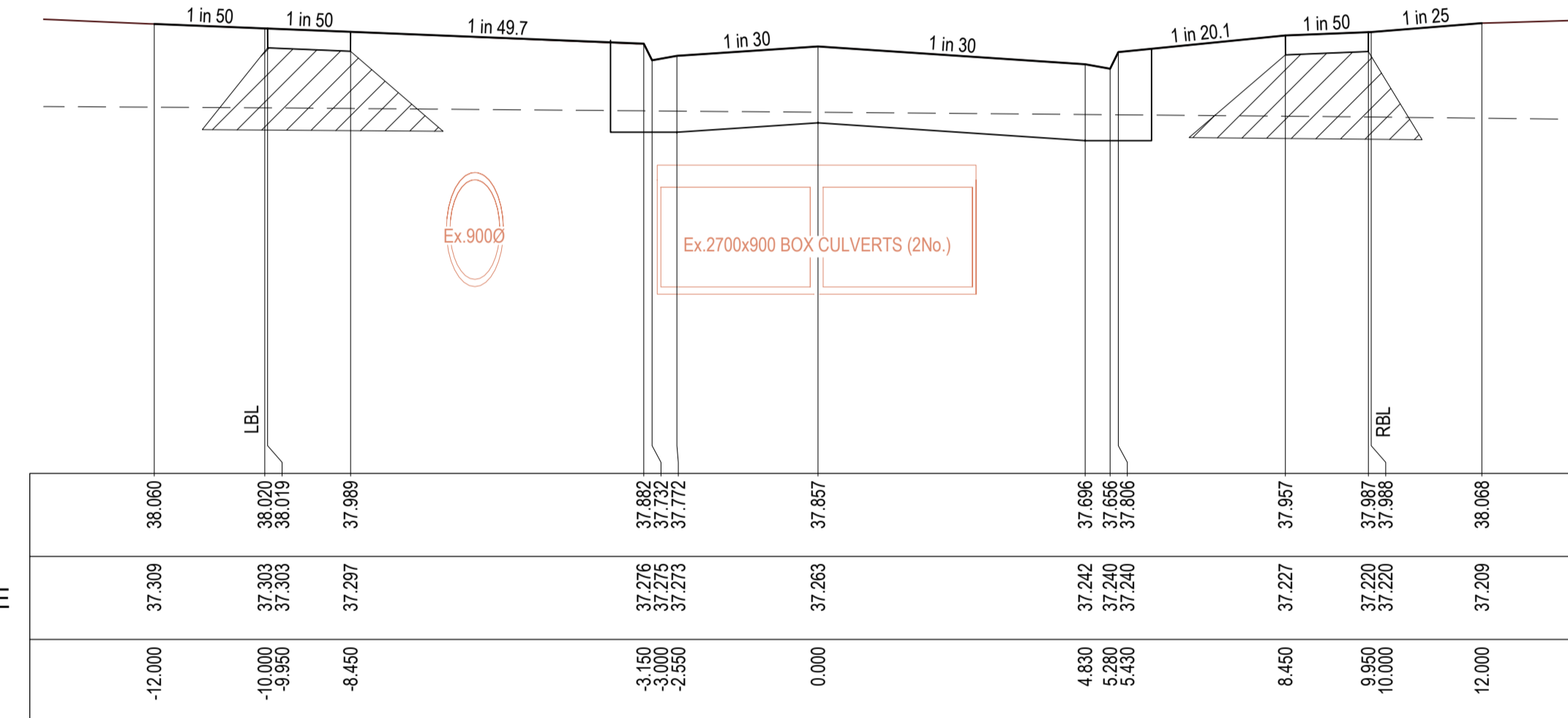
CH 150.954 (LEFT TANGENT POINT)



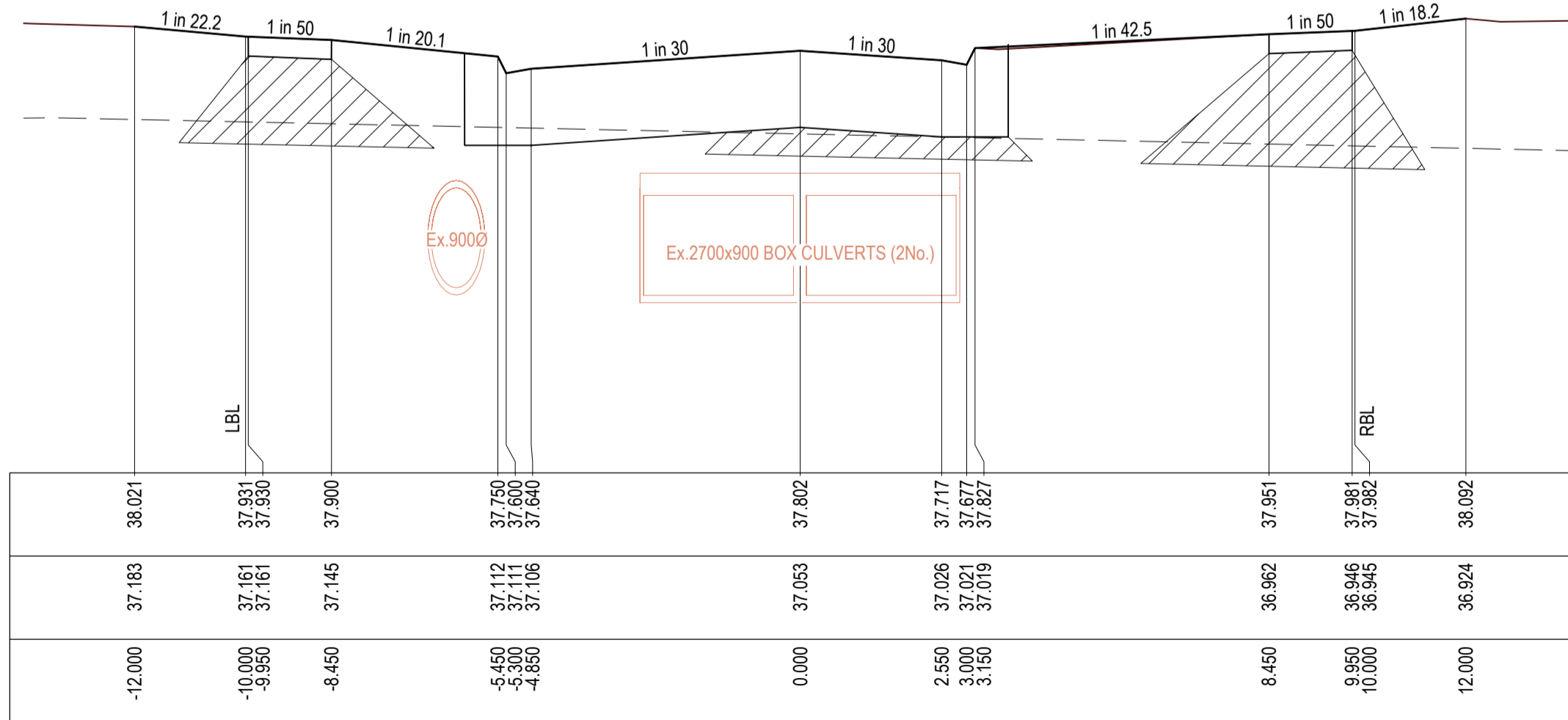
CH 181.322 (LEFT TANGENT POINT)



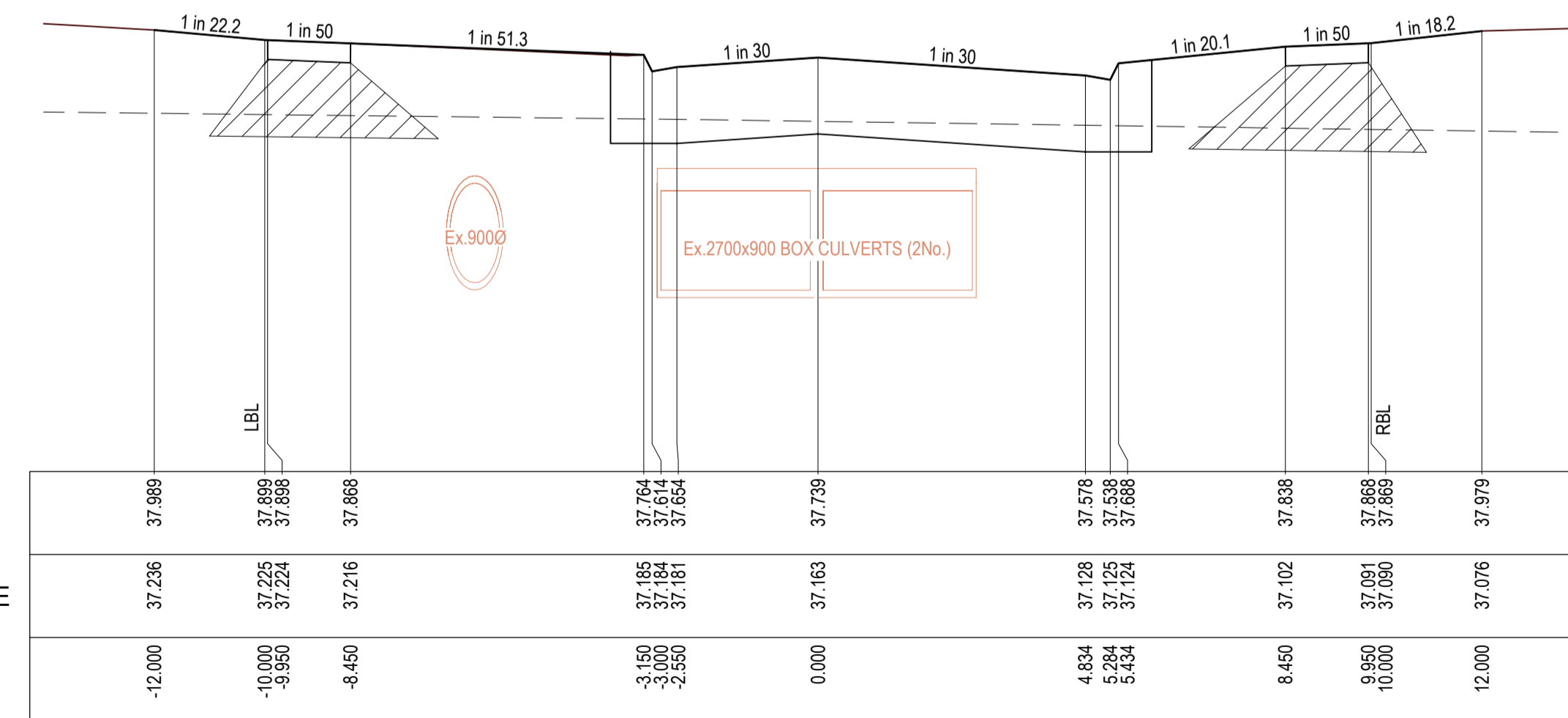
CH 138.580 (RIGHT TANGENT POINT)



CH 177.945 (LEFT TANGENT POINT)



CH 135.203 (RIGHT TANGENT POINT)



CH 154.331 (LEFT TANGENT POINT)

**Planning and Environment Act 1987**  
**Wyndham Planning Scheme**  
**Approved Plan As Required**  
**under Condition 40**  
**Permit No WYP10817/18**  
**Date 18/04/2023**

P:\2022\2022-ALAMORA-TOWNSET\2022-2022-ALAMORA-TOWNSET\2022-12-18-ROAD-CROSS-SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N.	C.R.	M.T.
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A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

**CLIENT**  

 Communities Designed for Living

**CREO CONSULTANTS**  
 Suite 1, 2 Bloomsbury Street  
 Geelong, VIC, Australia 3220

**ALAMORA**  
 Tarnet

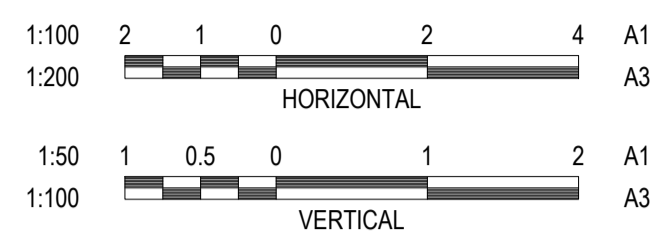
**DRAWING TITLE**  
 ALAMORA - STAGE 12  
 ROAD CROSS SECTIONS - 3  
 NEMI PARADE - SHEET 03

**STATUS**  
**ISSUED FOR CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
200282.12	R502	0

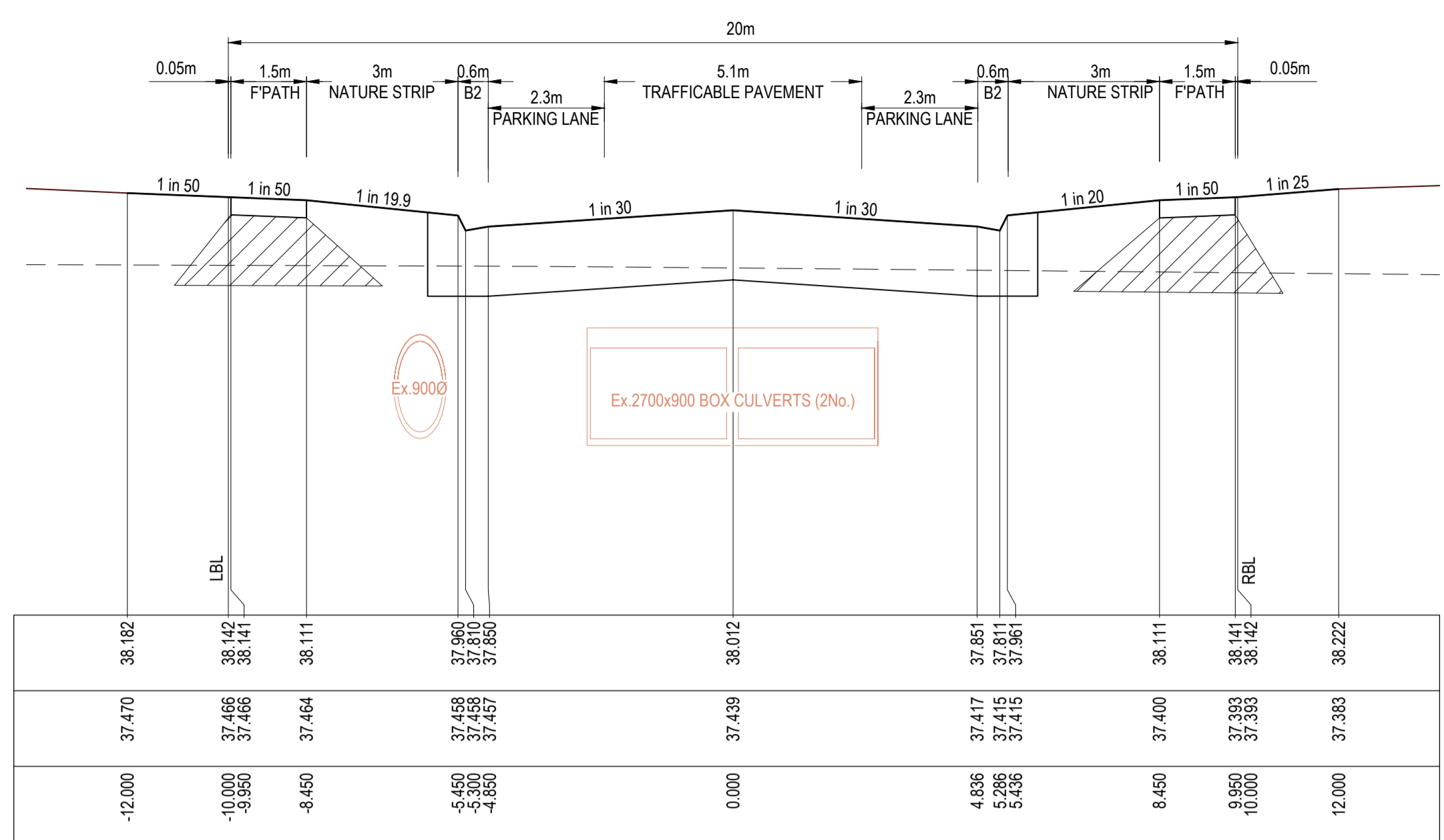
**WARNING**  
**BWARE OF UNDERGROUND & OVERHEAD SERVICES**  
 The locations of underground & overhead services are approximate only & their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works  
**DIAL 1100 BEFORE YOU DIG**  
 www.1100.com.au

**LEGEND**  
 --- EXISTING SURFACE  
 ——— DESIGN LINE  
 ▨ STRUCTURAL FILL

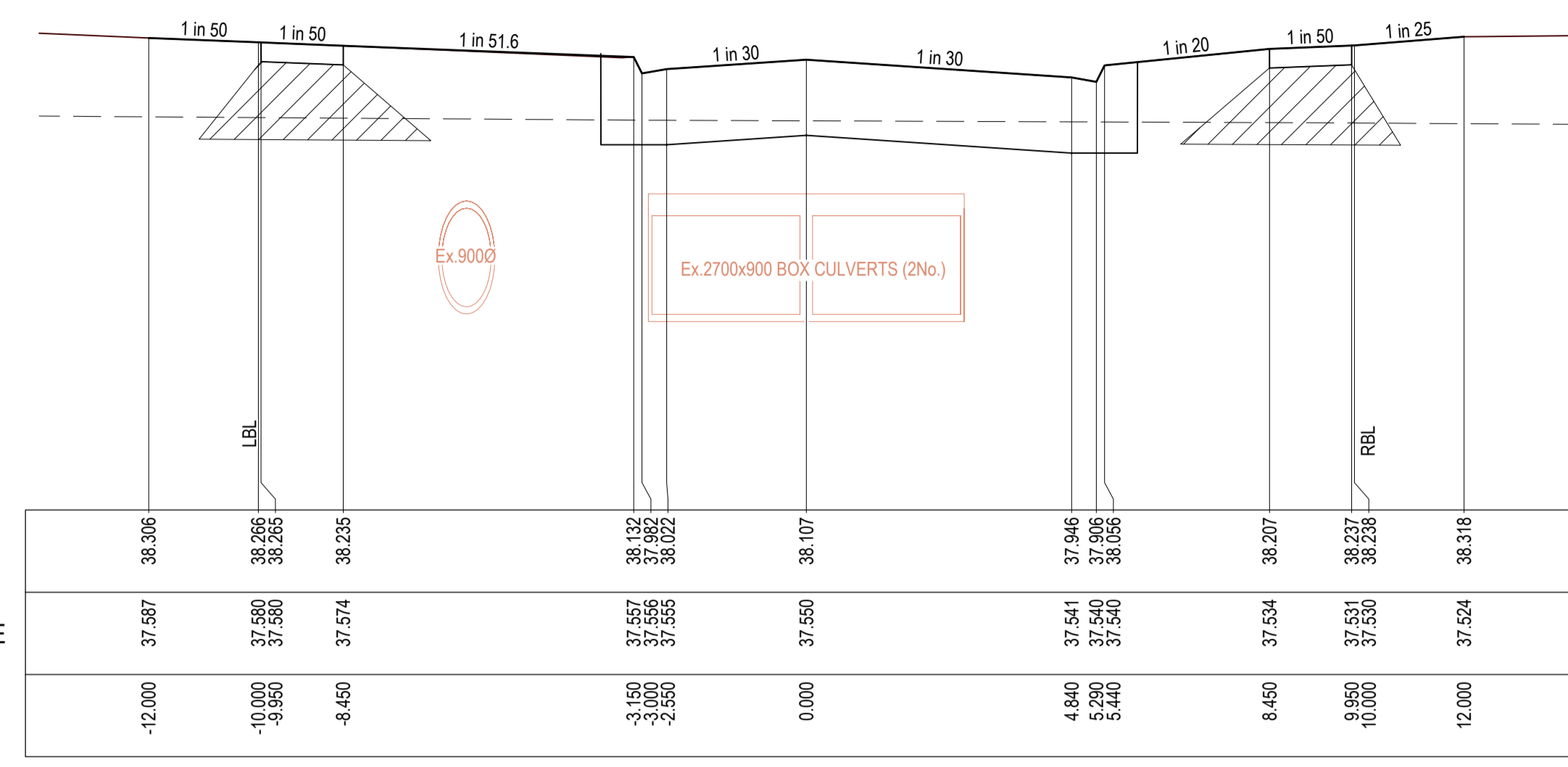


**NOTE:**  
 CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

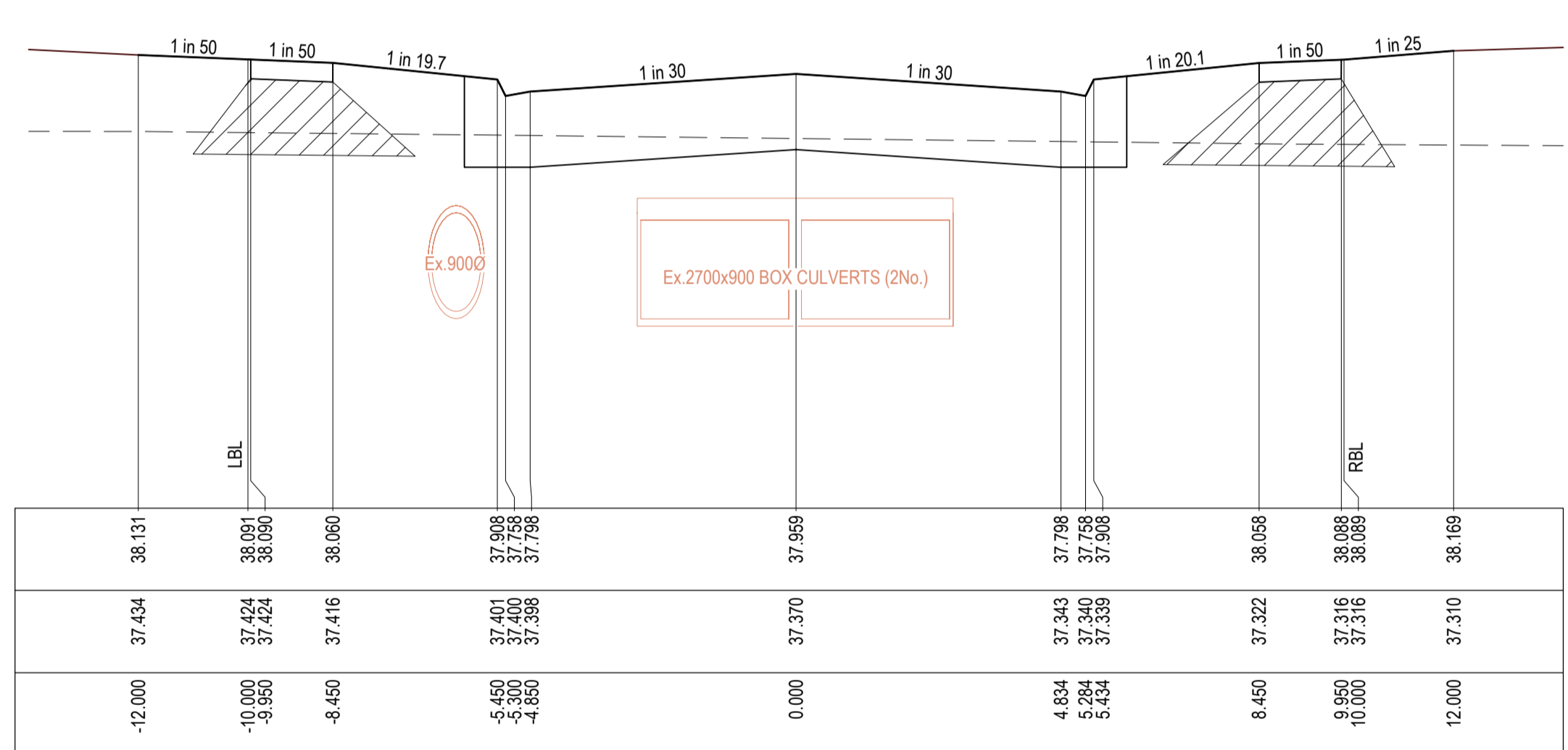
**NOTE:**  
 SELECT STRUCTURAL FILL IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS & REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE.



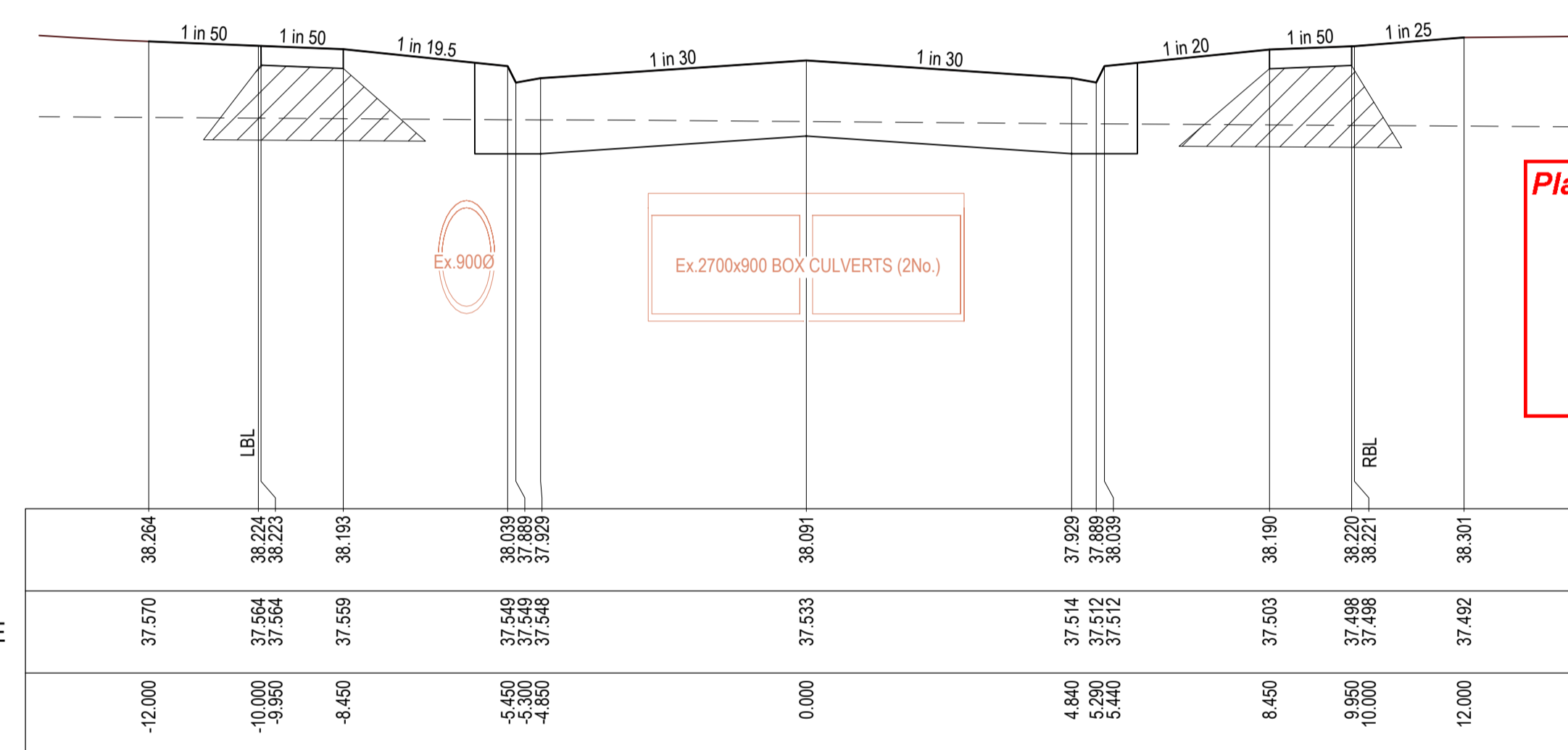
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 DESIGN SURFACE  
 EXISTING SURFACE  
 OFFSET



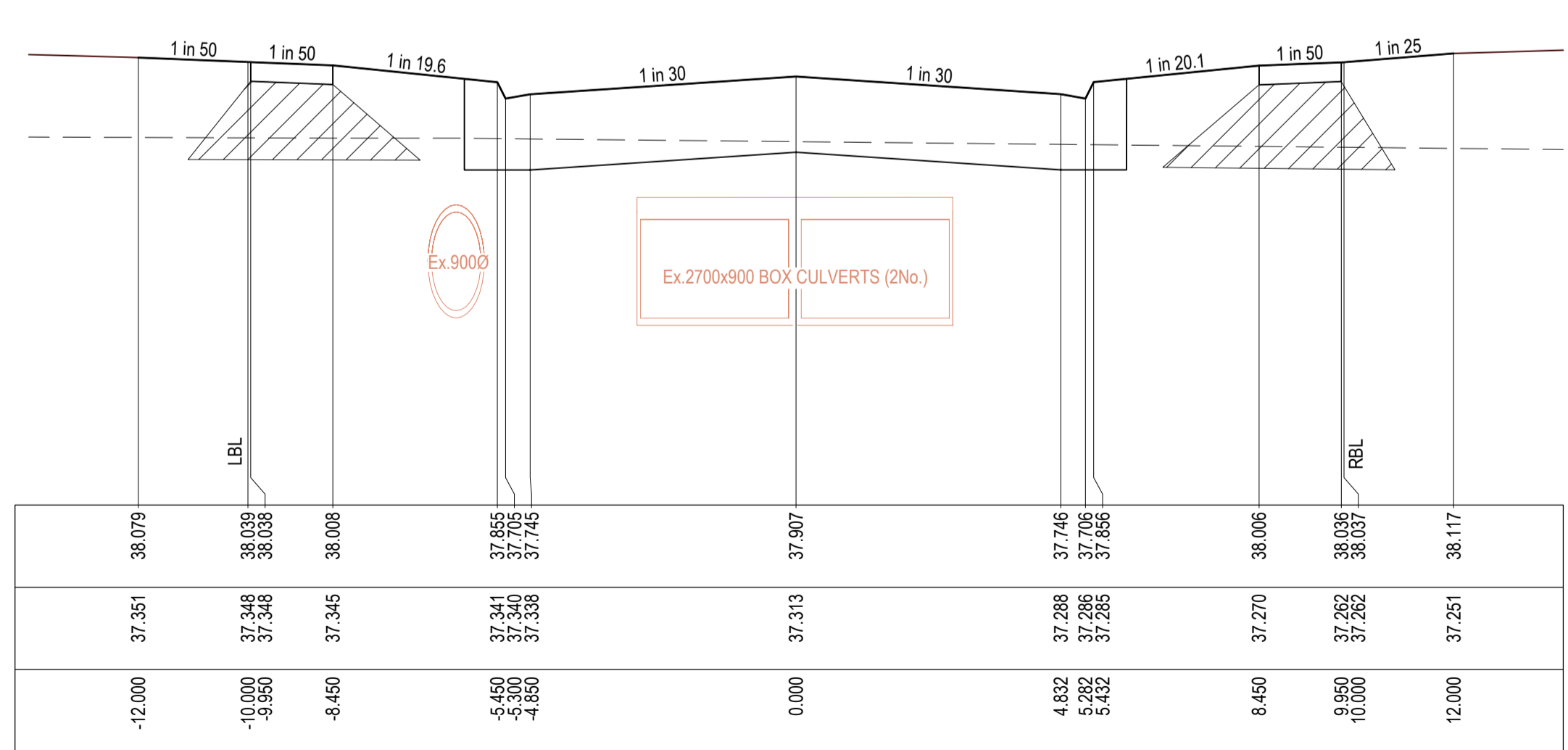
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 OFFSET



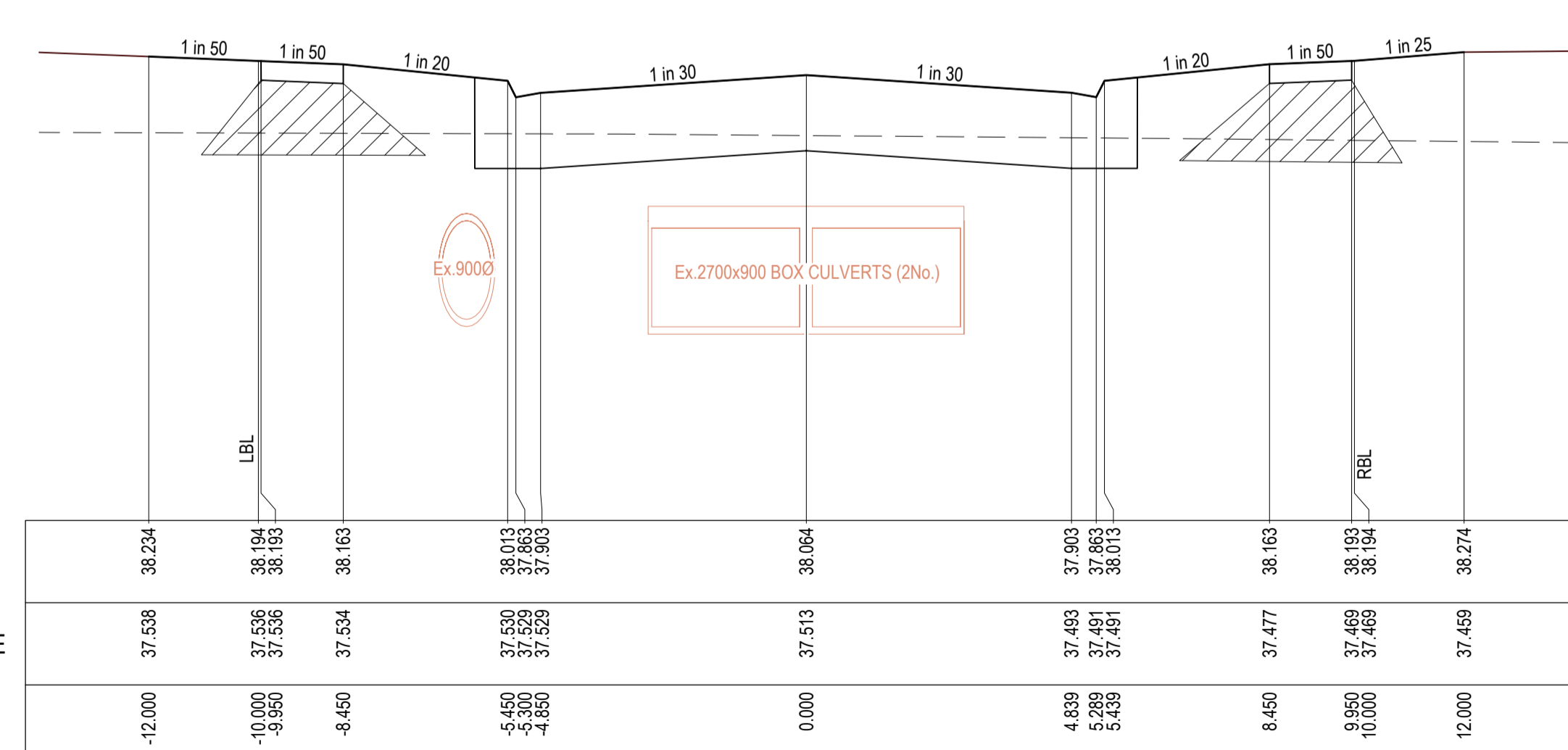
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 DESIGN SURFACE  
 EXISTING SURFACE  
 OFFSET



DATUM34.0  
 DESIGN SURFACE  
 EXISTING SURFACE  
 OFFSET



DATUM34.0  
 DESIGN SURFACE  
 EXISTING SURFACE  
 OFFSET



DATUM34.0  
 DESIGN SURFACE  
 EXISTING SURFACE  
 OFFSET

**Planning and Environment Act 1987**  
 Wyndham Planning Scheme  
 Approved Plan As Required  
 under Condition 40  
 Permit No WYP10817/18  
 Date 18/04/2023

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	AN	C.R.	M.T.
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

**villawood properties**  
 Communities Designed for Living

**creo CONSULTANTS**  
 Suite 1, 2 Bloomsbury Street  
 Geelong, VIC, Australia 3220

**ALAMORA Tarnet**

**ALAMORA - STAGE 12 ROAD CROSS SECTIONS - 4 NEMI PARADE - SHEET 04**

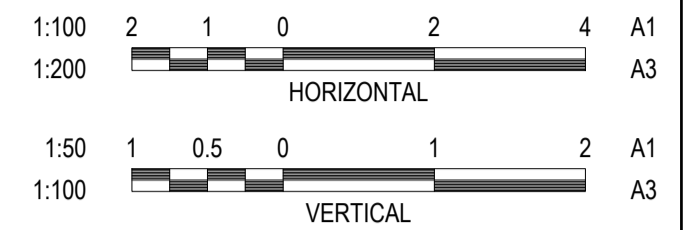
**ISSUED FOR CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No:	DRAWING No:	REVISION
200282.12	R503	0

P:\2022\2023\ALAMORA TARNET\2023\2023\12-ROAD-CROSS-SECTIONS.DWG

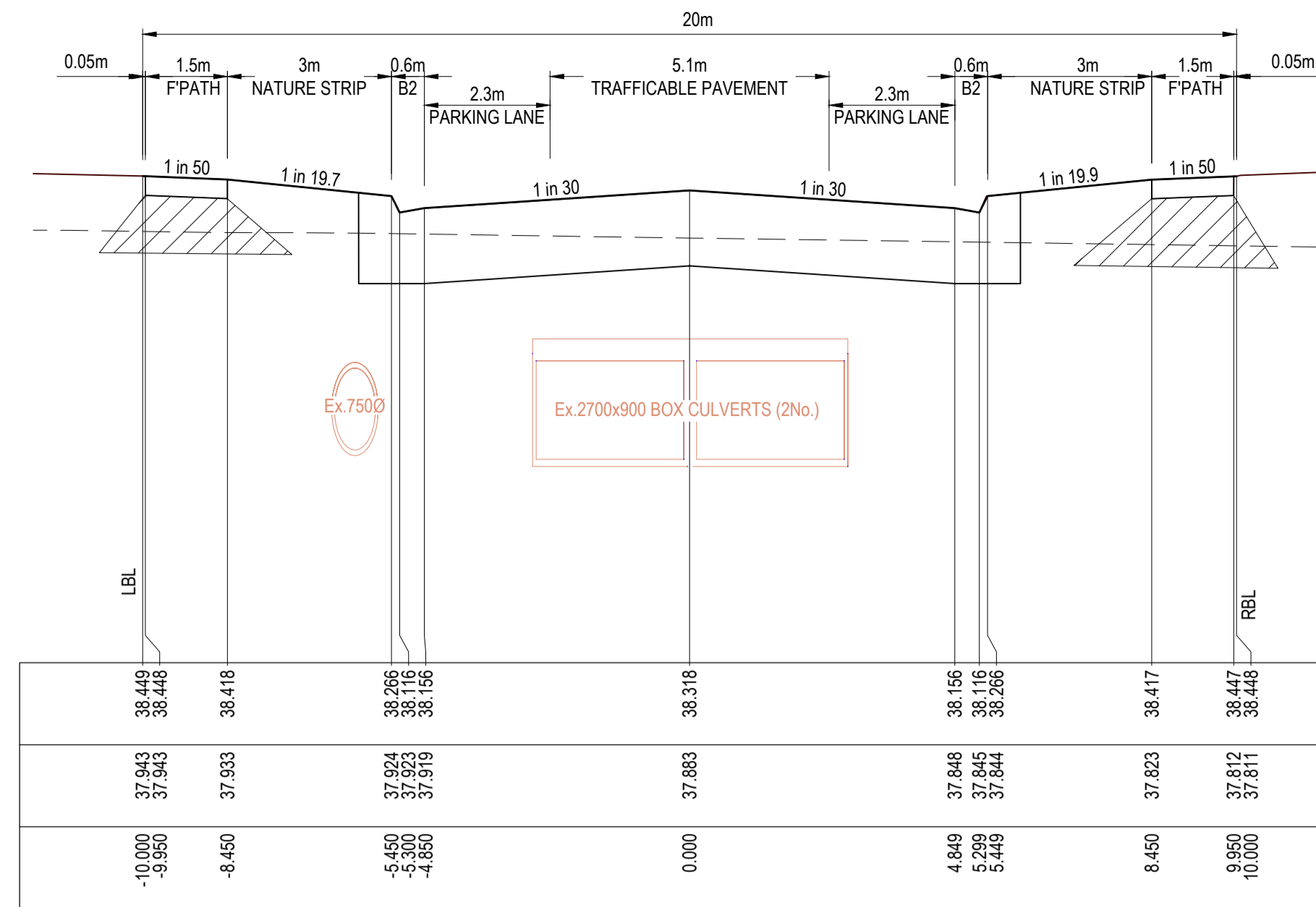
**WARNING**  
**BEWARE OF UNDERGROUND & OVERHEAD SERVICES**  
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**DIAL 1100 BEFORE YOU DIG**  
 www.1100.com.au

LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	STRUCTURAL FILL

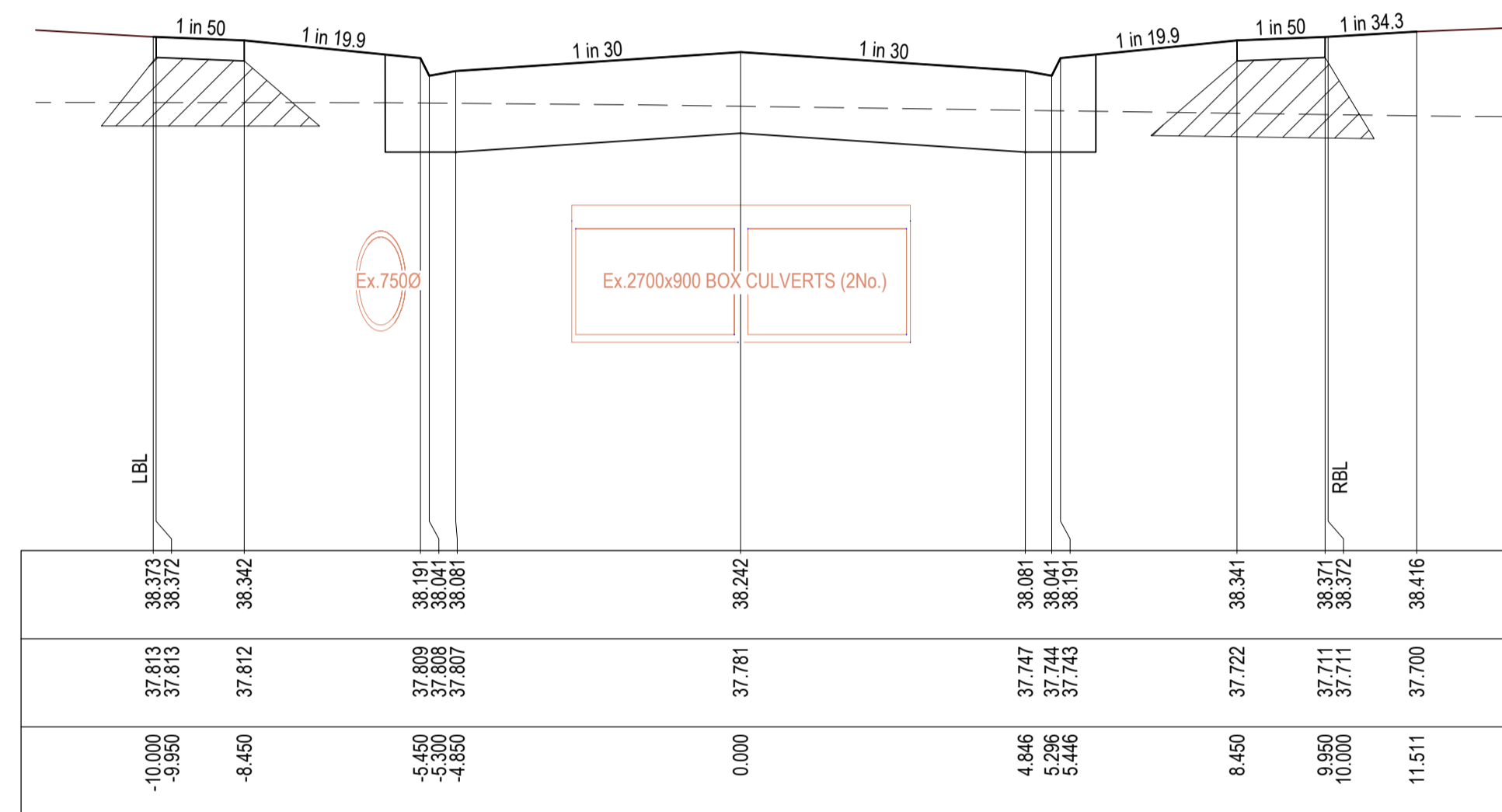


**NOTE:**  
 CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

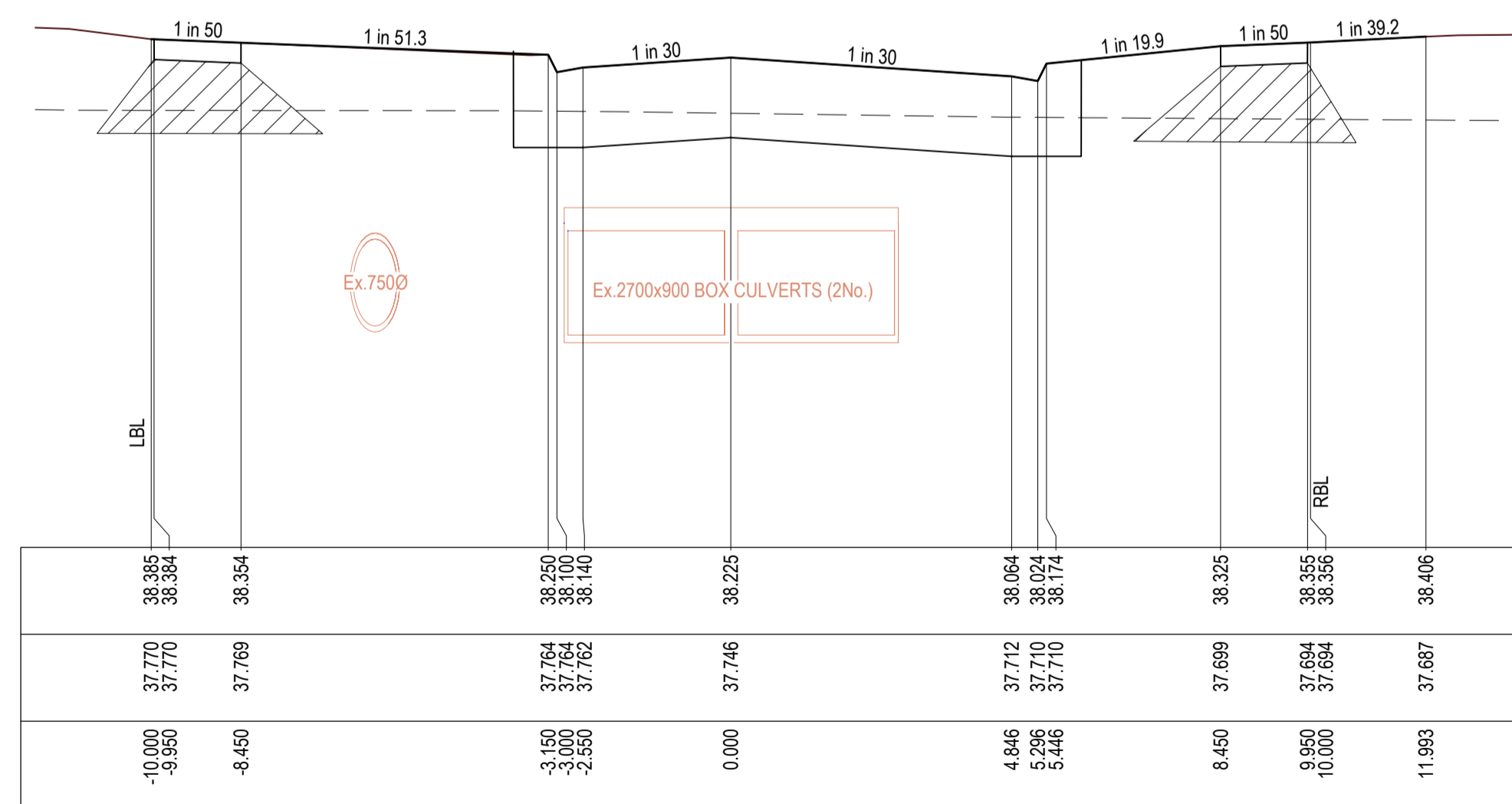
**NOTE:**  
 SELECT STRUCTURAL FILL IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS & REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE.



CH 265.501 (LIMIT OF WORKS)



CH 254.927 (LEFT TANGENT POINT)



CH 251.550 (LEFT TANGENT POINT)

**Planning and Environment Act 1987**  
**Wyndham Planning Scheme**  
**Approved Plan As Required**  
**under Condition 40**  
**Permit No WYP10817/18**  
**Date 18/04/2023**

P:\2022\20282 - ALAMORA - TARRANT\2022 - CIVIL\2 - DRAFTING\AC\20282\_12 - R500 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R.	M.T.
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

CLIENT

Communities Designed for Living

PROJECT

Suite 1, 2 Bloomsbury Street  
Geelong, VIC, Australia 3220

DRAWING TITLE

**ALAMORA**  
TARRANT

**ALAMORA - STAGE 12**  
**ROAD CROSS SECTIONS - 5**  
**NEMI PARADE - SHEET 05**

STATUS

**ISSUED FOR CONSTRUCTION**

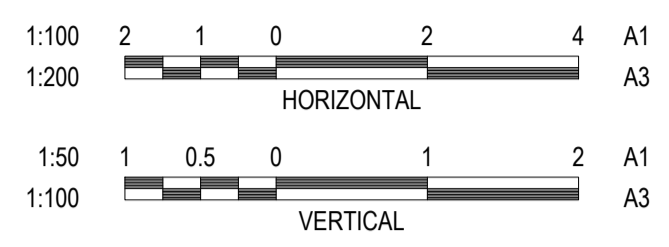
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>200282.12</b>	<b>R504</b>	<b>0</b>



**WARNING**  
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**DIAL 1100 BEFORE YOU DIG**  
 www.1100.com.au

**LEGEND**

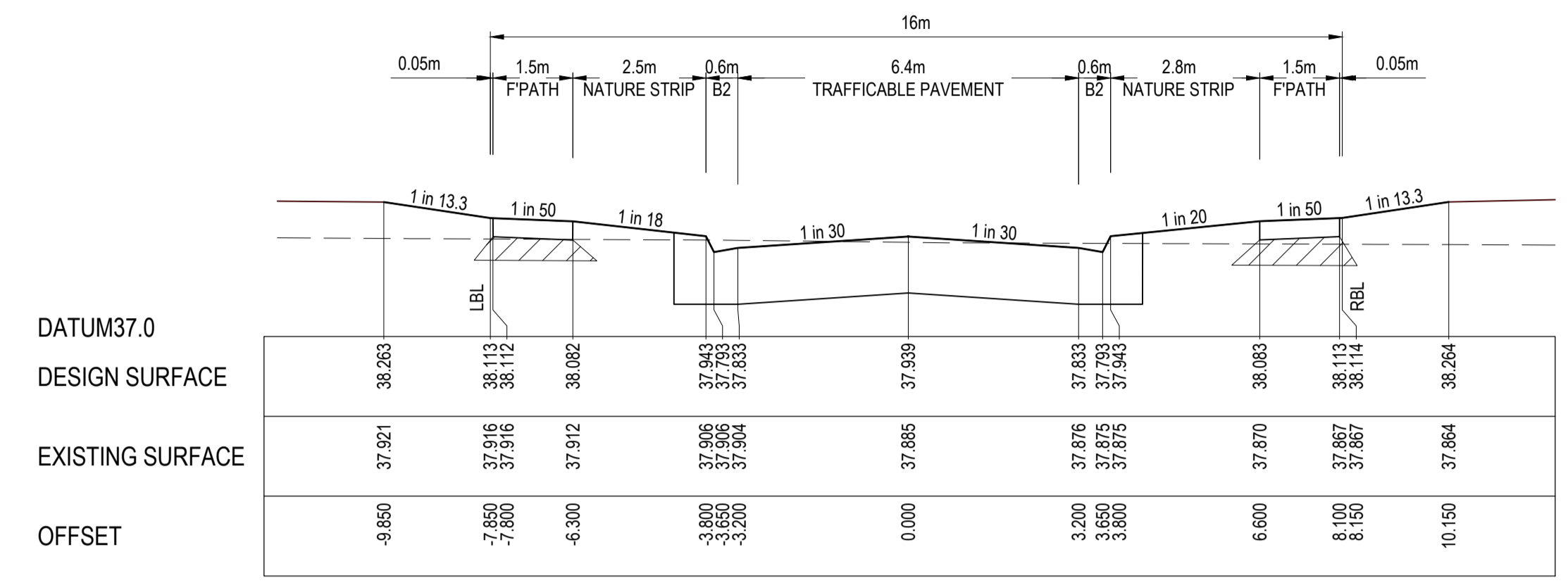
- EXISTING SURFACE
- DESIGN LINE
- ▨ STRUCTURAL FILL



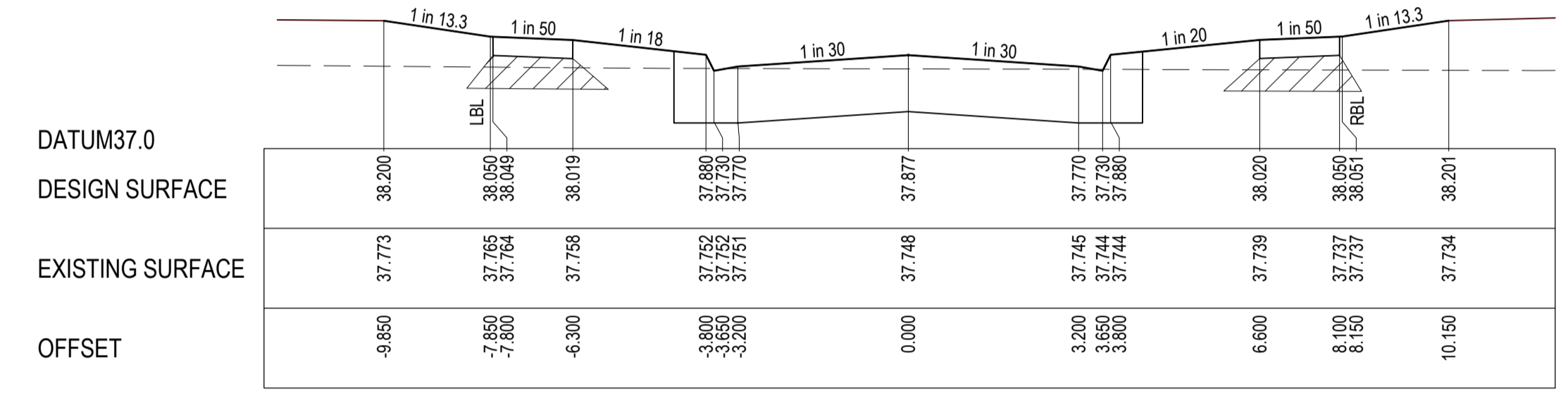
**NOTE:**  
 CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

**NOTE:**  
 SELECT STRUCTURAL FILL IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS & REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE.

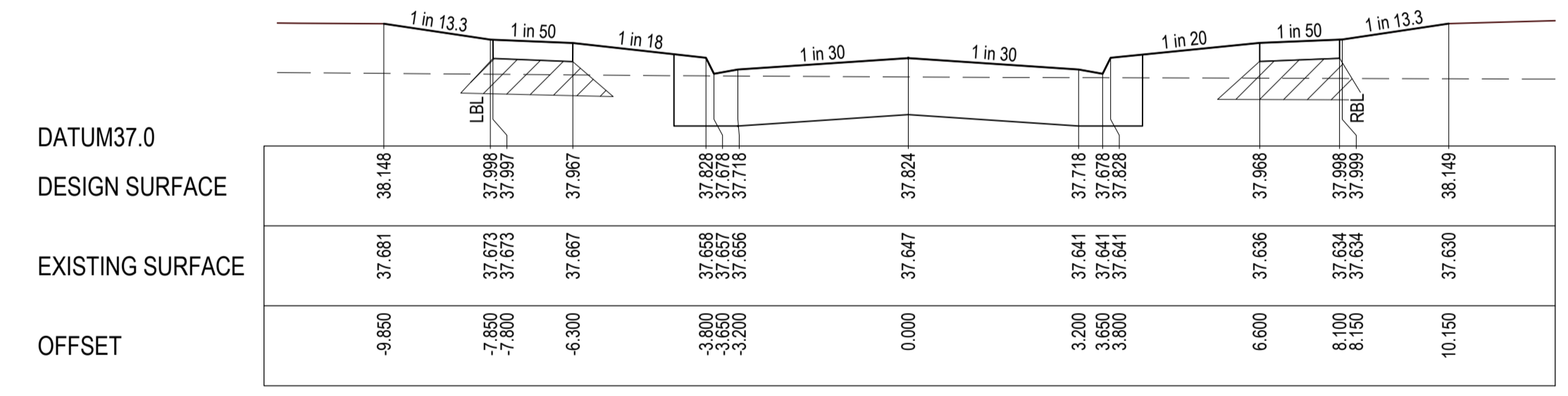
**Planning and Environment Act 1987**  
**Wyndham Planning Scheme**  
**Approved Plan As Required**  
**under Condition 40**  
**Permit No WYP10817/18**  
**Date 18/04/2023**



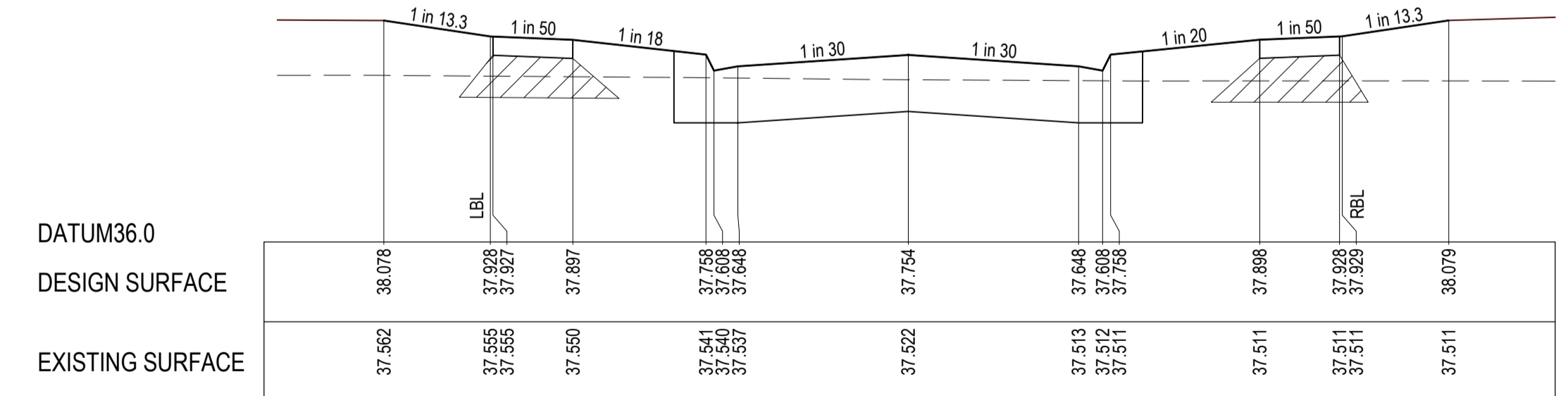
CH 190.677



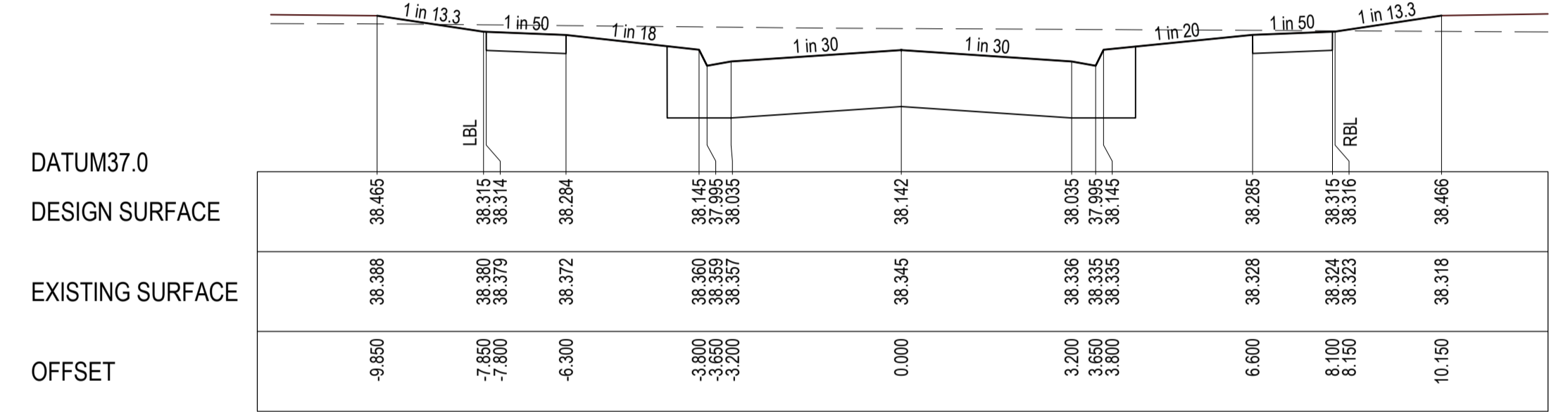
CH 178.177



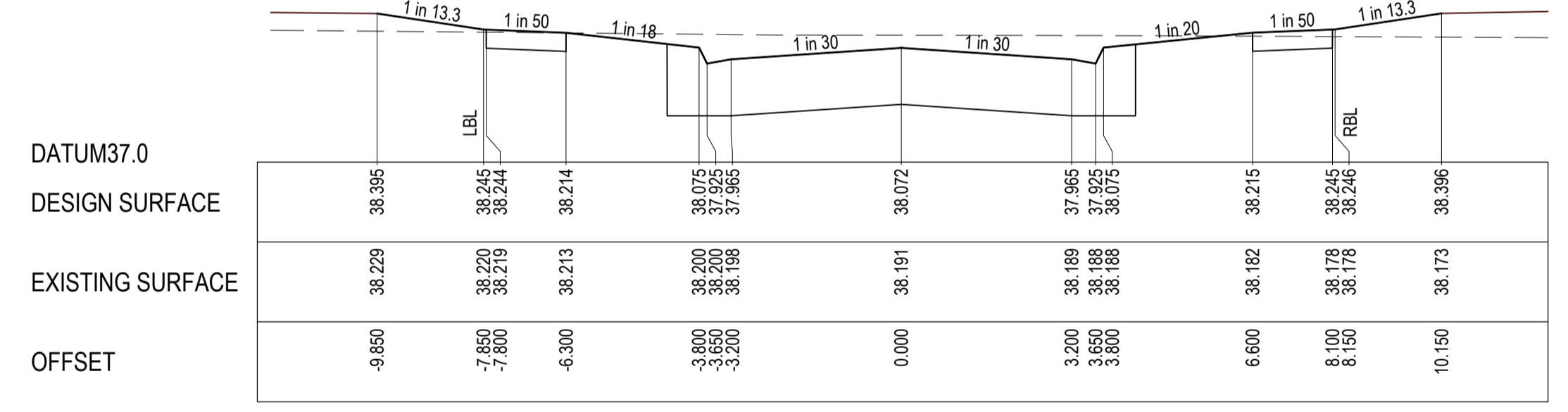
CH 167.677



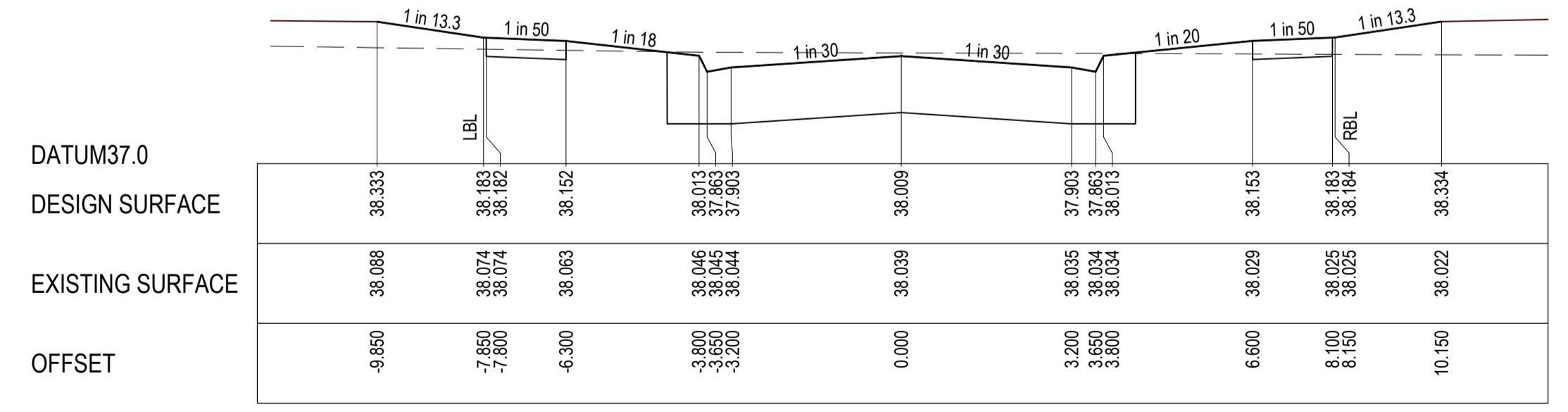
CH 153.677



CH 231.177 (LIMIT OF WORKS)



CH 217.177



CH 204.677

P:\2020\20282 - ALAMORA - STAGE 12 ROAD CROSS SECTIONS\282\_12\_8500 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N.	C.R.	M.T.
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

CLIENT

Communities Designed for Living

creo CONSULTANTS

Suite 1, 2 Bloomsbury Street  
Geelong, VIC, Australia 3220

PROJECT

DRAWING TITLE

**ALAMORA - STAGE 12**  
**ROAD CROSS SECTIONS - 7**  
**SLOOP STREET - SHEET 02**

STATUS

**ISSUED FOR CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>200282.12</b>	<b>R506</b>	<b>0</b>





**Planning and Environment Act 1987**  
**Wyndham Planning Scheme**

**Approved Plan As Required**  
**under Condition 40**  
**Permit No WYP10817/18**  
**Date 18/04/2023**

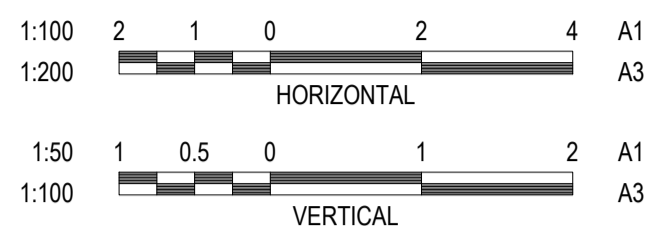
**WARNING**  
**BEWARE OF UNDERGROUND & OVERHEAD SERVICES**

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**DIAL 1100 BEFORE YOU DIG**  
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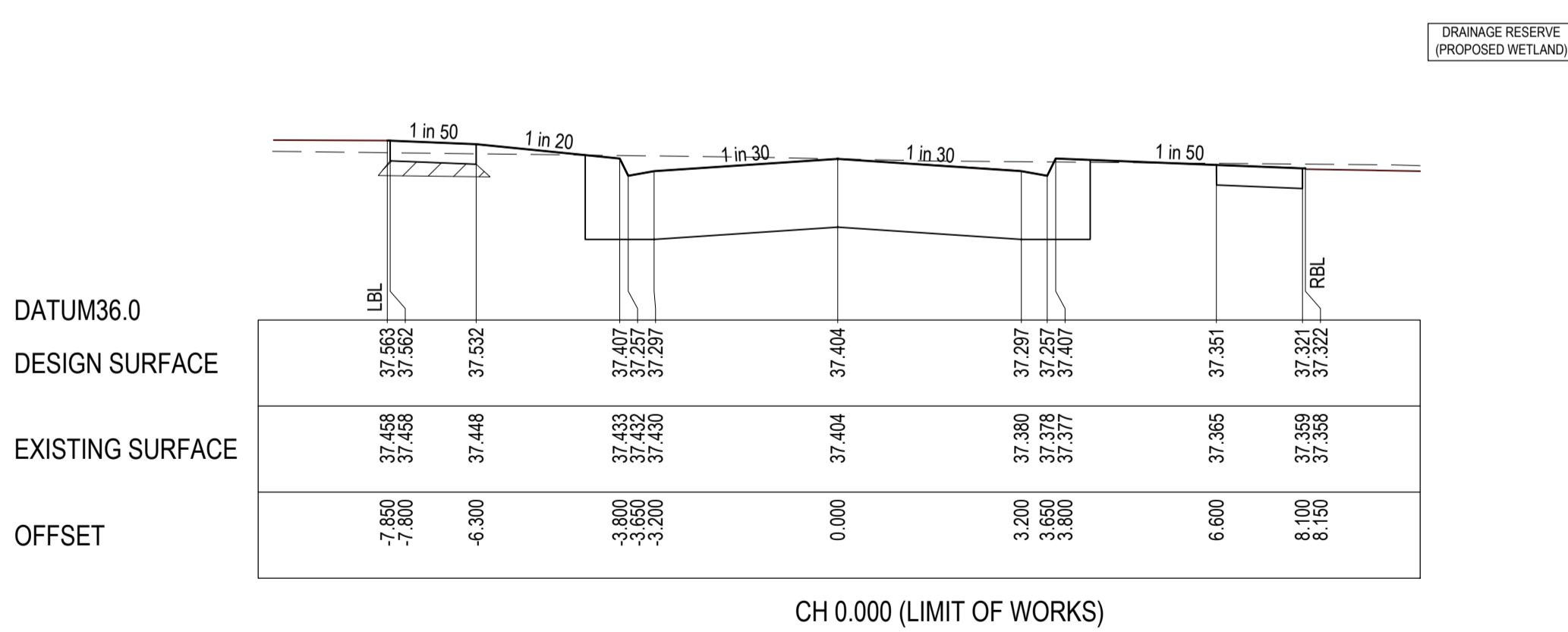
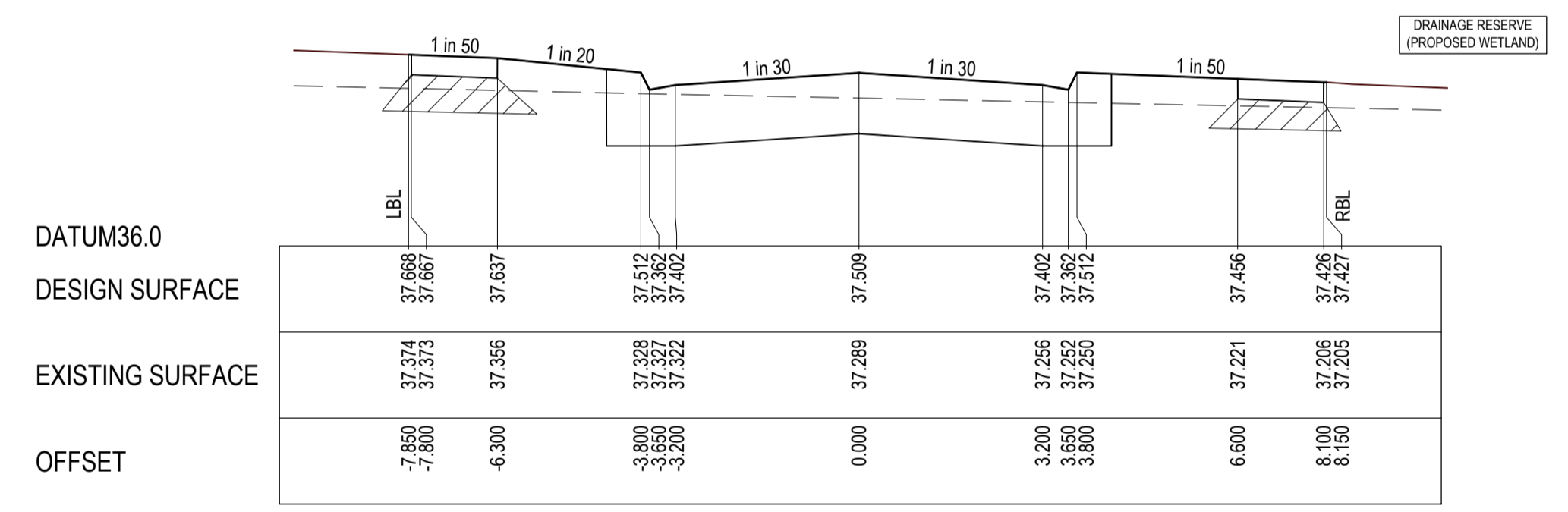
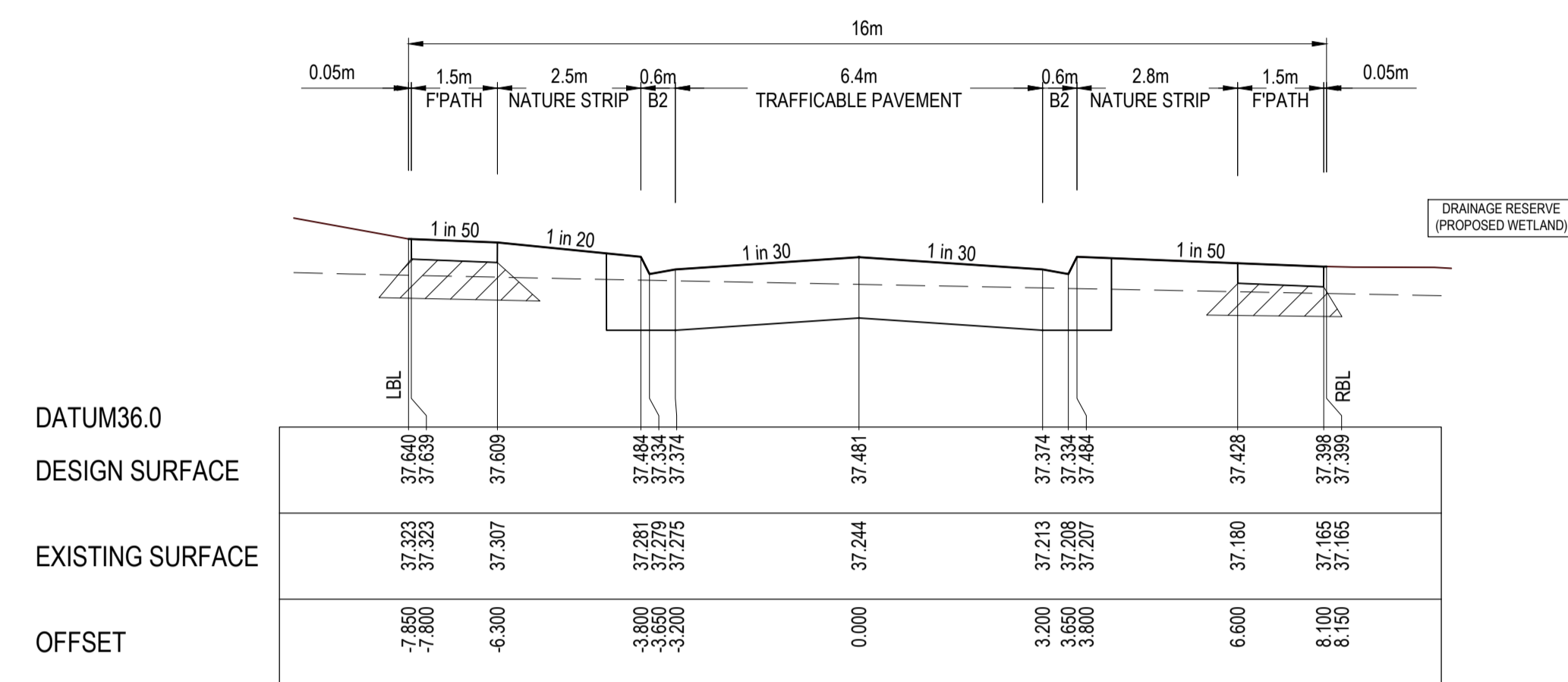
**LEGEND**

--- EXISTING SURFACE  
 --- DESIGN LINE  
 [Hatched Box] STRUCTURAL FILL

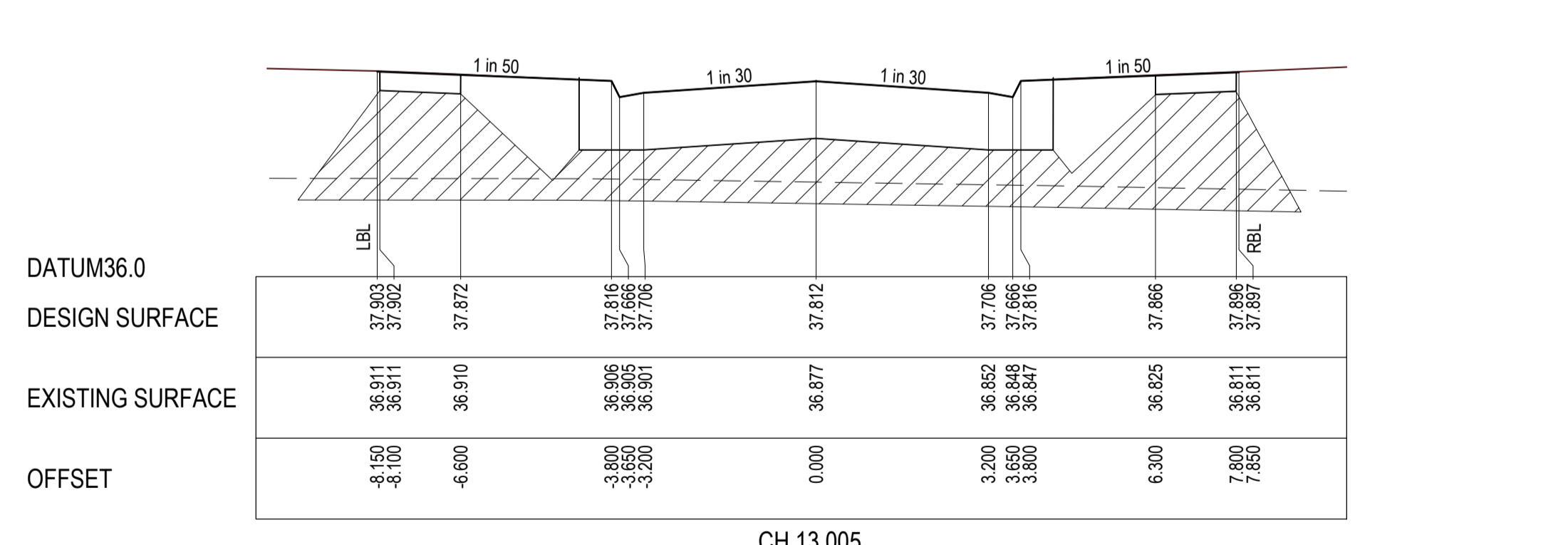
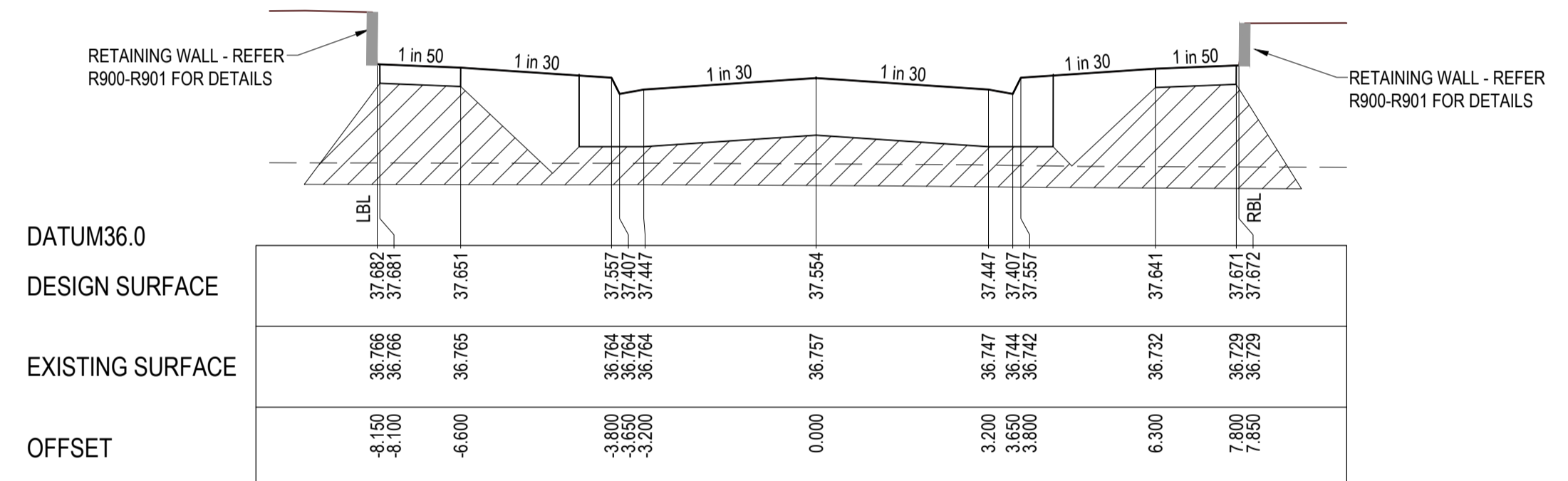
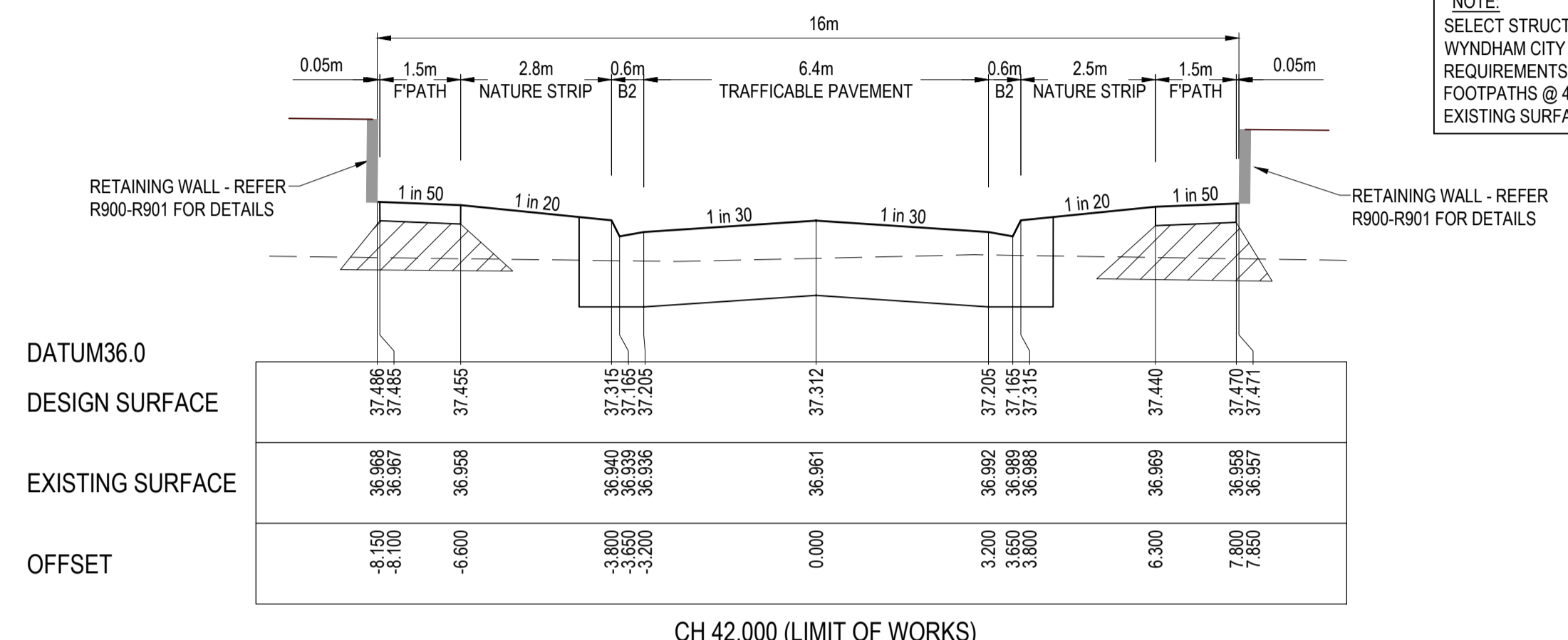


**NOTE:**  
 CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

**NOTE:**  
 SELECT STRUCTURAL FILL IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS & REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE.



**WARANA WAY**



**LARBOARD STREET**

P:\2020\20282 - ALAMORA - TARRANT\20282 - DCH\12 - DRAFTING\CAD\20282 - 12 - R600 - ROAD CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N.	C.R.	M.T.
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

**villawood properties**  
 Communities Designed for Living

**creo CONSULTANTS**  
 Suite 1, 2 Bloomsbury Street  
 Geelong, VIC, Australia 3220

**ALAMORA**  
 Tarrant

**ALAMORA - STAGE 12**  
**ROAD CROSS SECTIONS - 9**  
**WARANA WAY & LARBOARD STREET**

**ISSUED FOR CONSTRUCTION**

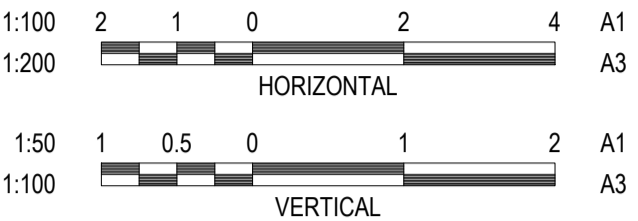
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>200282.12</b>	<b>R508</b>	<b>0</b>

Planning and Environment Act 1987  
Wyndham Planning Scheme

Approved Plan As Required  
under Condition 40  
Permit No WYP10817/18  
Date 18/04/2023

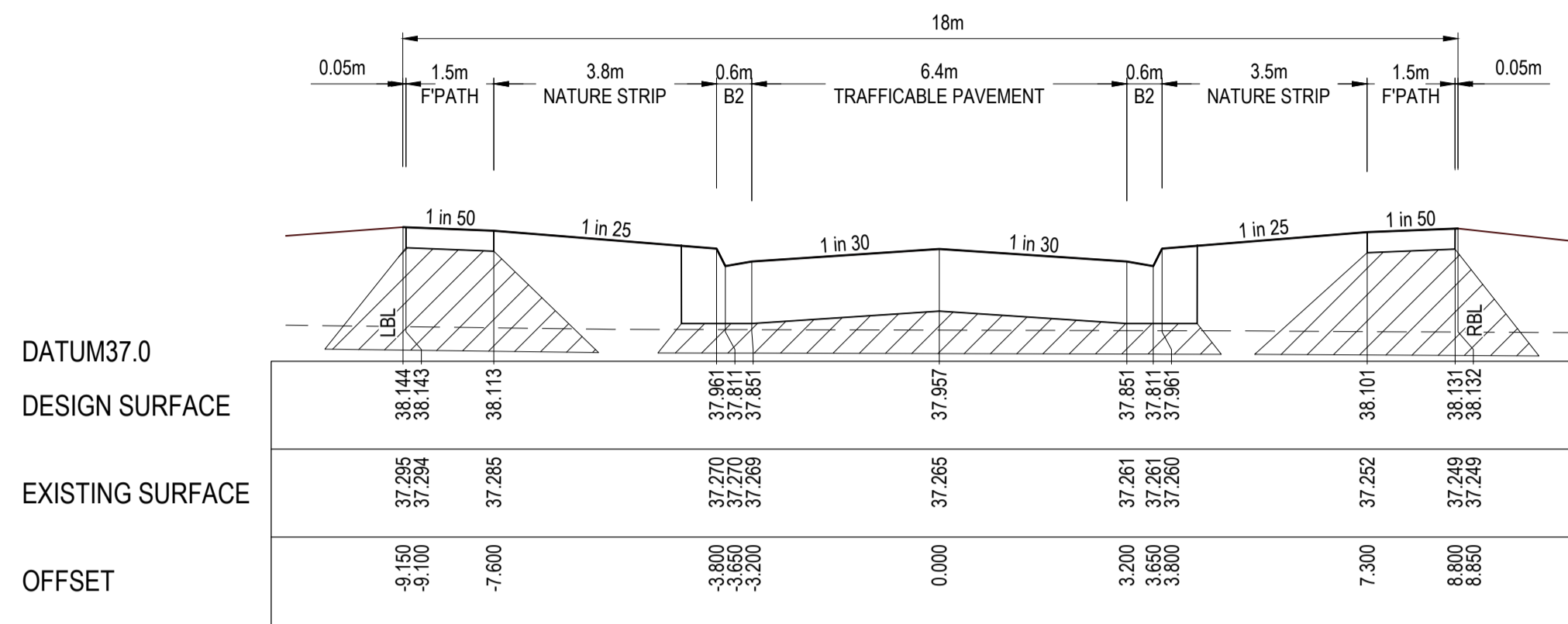
**WARNING**  
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**DIAL 1100 BEFORE YOU DIG**  
www.1100.com.au

**LEGEND**  
--- EXISTING SURFACE  
— DESIGN LINE  
STRUCTURAL FILL

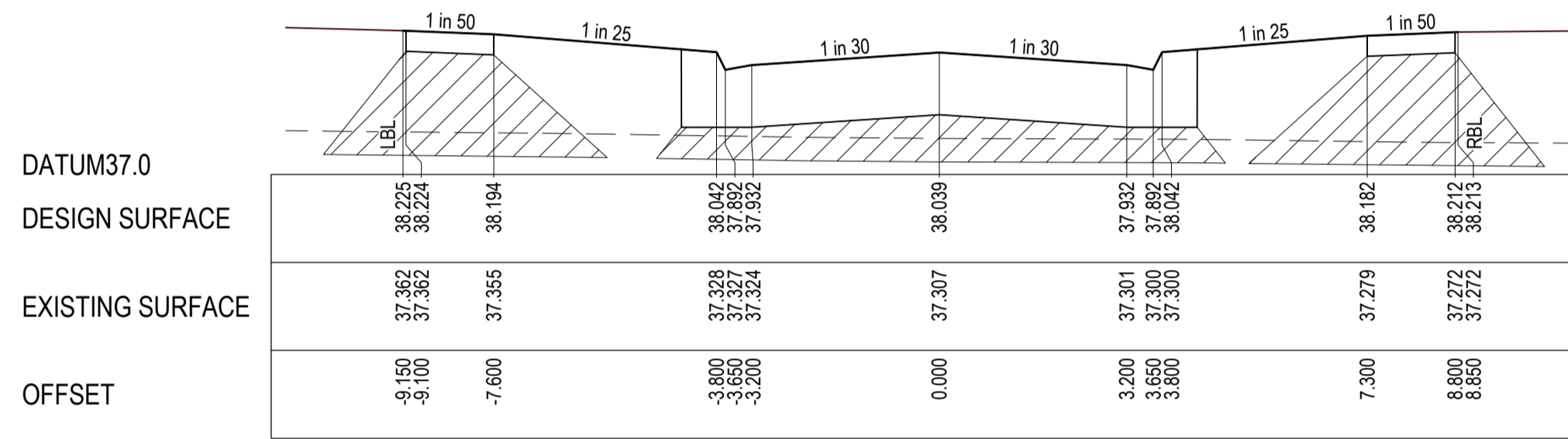


**NOTE:**  
CROSS SECTIONS LBL & RBL LABELS REFER TO LEFT AND RIGHT TITLE BOUNDARY RESPECTIVELY. READ IN ASCENDING ORDER ALONG THE RELEVANT LONG SECTION CHAINAGES

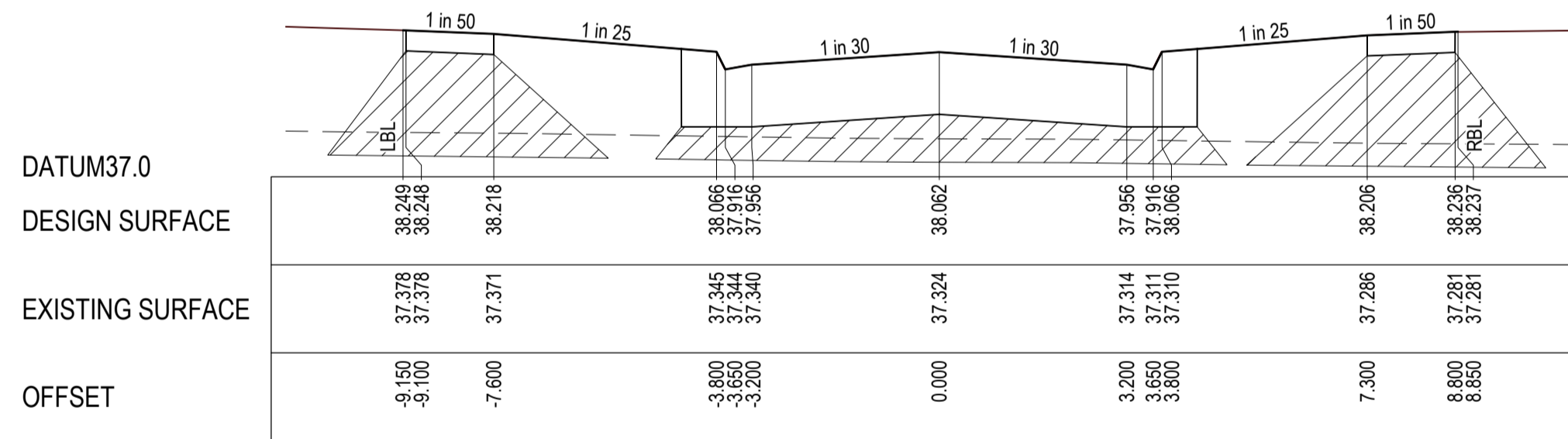
**NOTE:**  
SELECT STRUCTURAL FILL IN ACCORDANCE WITH WYNDHAM CITY COUNCIL SPECIFICATIONS & REQUIREMENTS IS REQUIRED UNDER PAVEMENT AND FOOTPATHS @ 45° WHERE CONSTRUCTED ABOVE EXISTING SURFACE.



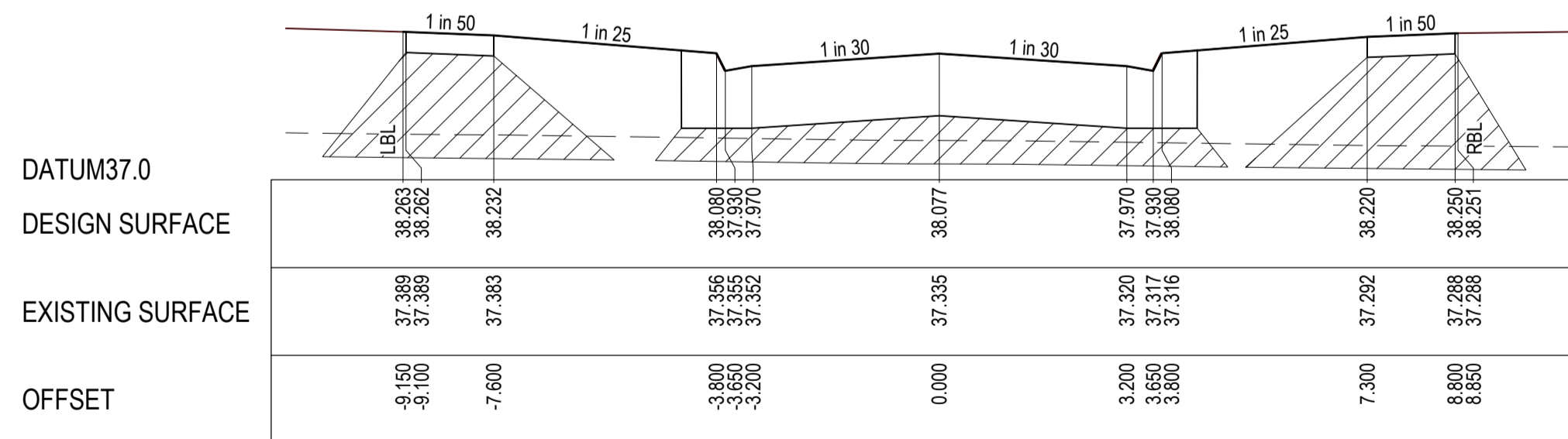
CH 258.096



CH 241.867 (TANGENT POINT)

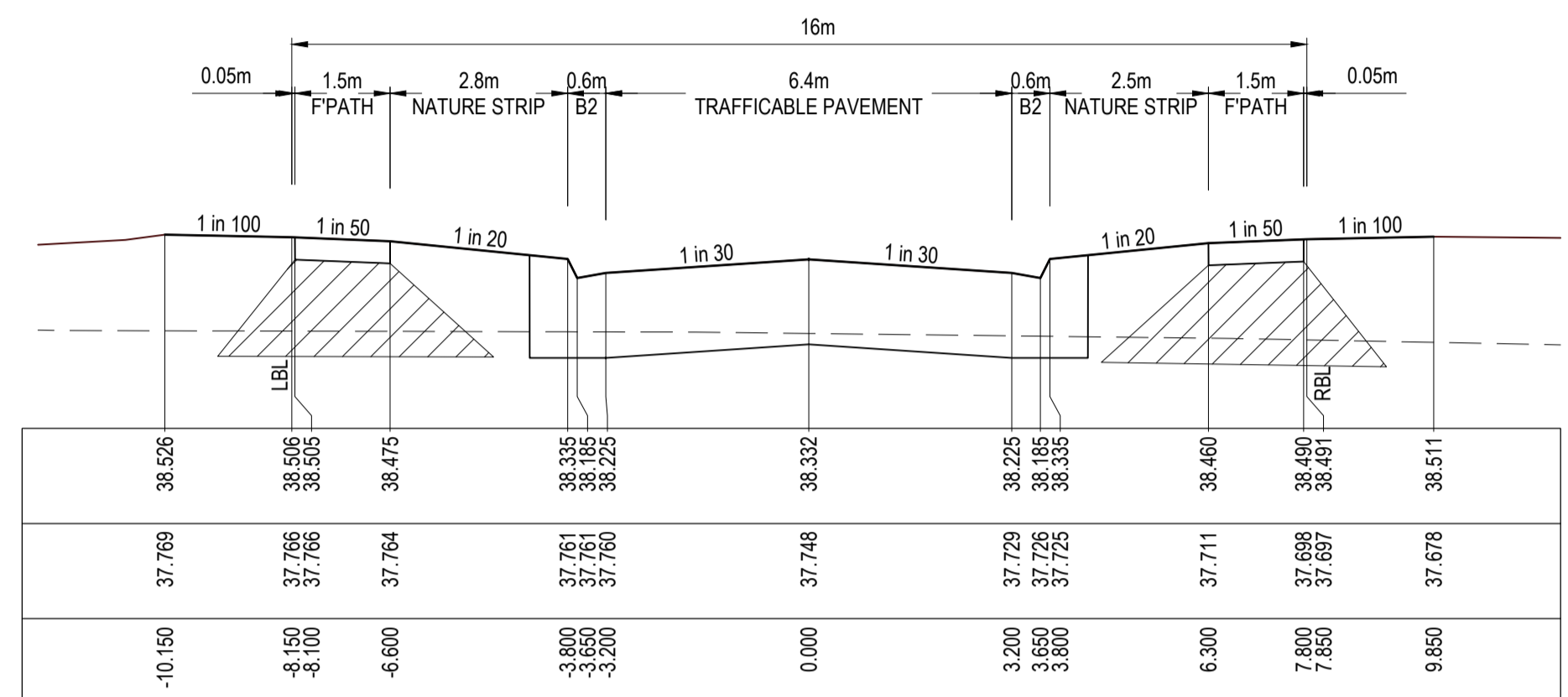


CH 237.143

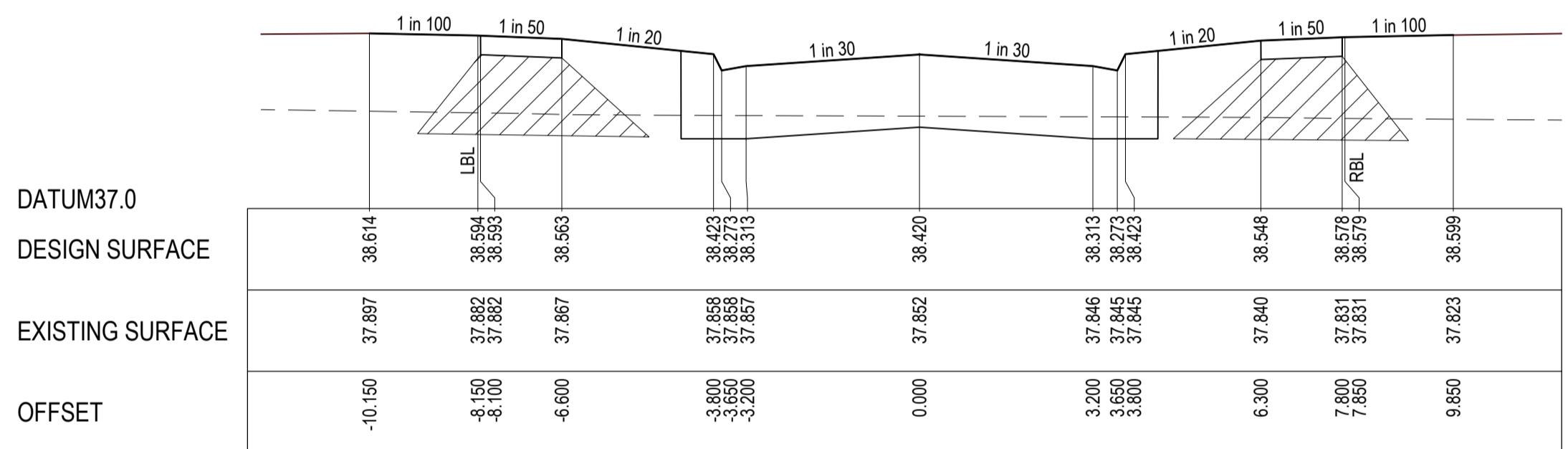


CH 234.281 (LIMIT OF WORKS)

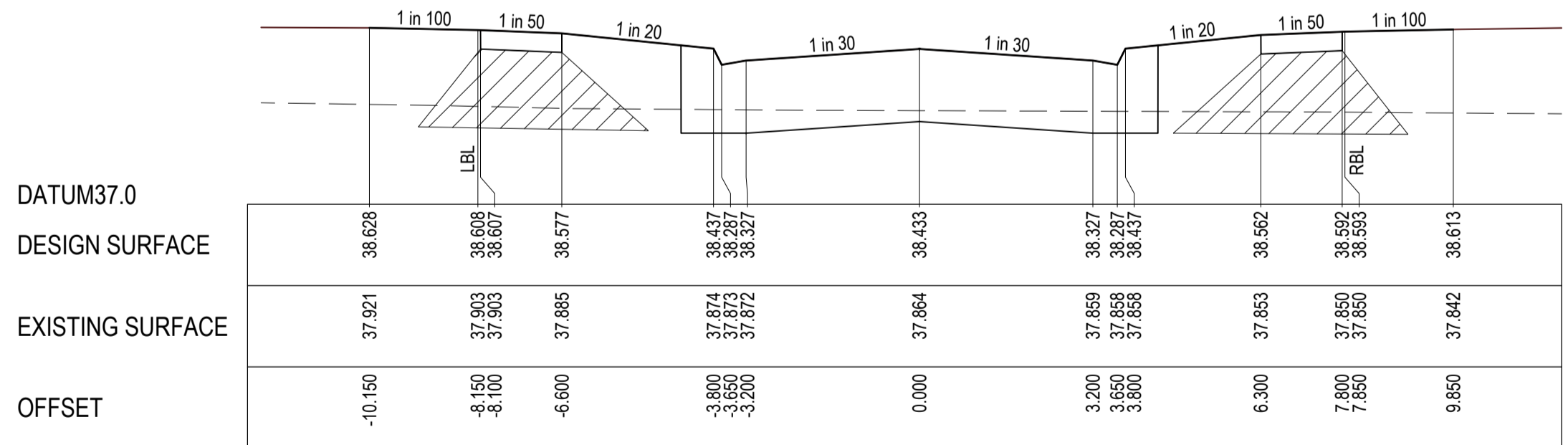
**CANDELO WAY**



CH 205.452 (TANGENT)



CH 187.779



CH 185.106 (LIMIT OF WORKS)

**PALIA DRIVE**

P:\2020\20282 - ALAMORA - TARRANT\20282 - DC\CH 12 DRAWINGS\CROSS SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N.	C.R.	M.T.
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

**villawood**  
properties  
Communities Designed for Living

**creo**  
CONSULTANTS  
Suite 1, 2 Bloombsbury Street  
Geelong, VIC, Australia 3220

**ALAMORA**  
Tarrant

**ALAMORA - STAGE 12**  
**ROAD CROSS SECTIONS - 10**  
**CANDELO WAY & PALIA DRIVE**

**ISSUED FOR CONSTRUCTION**

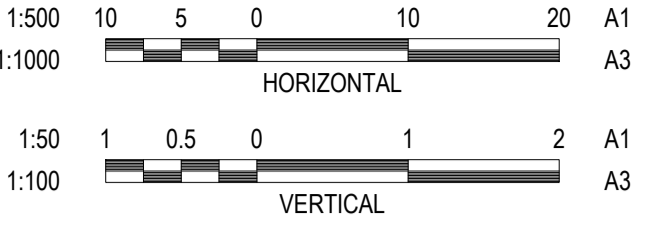
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>200282.12</b>	<b>R509</b>	<b>0</b>

Planning and Environment Act 1987  
Wyndham Planning Scheme

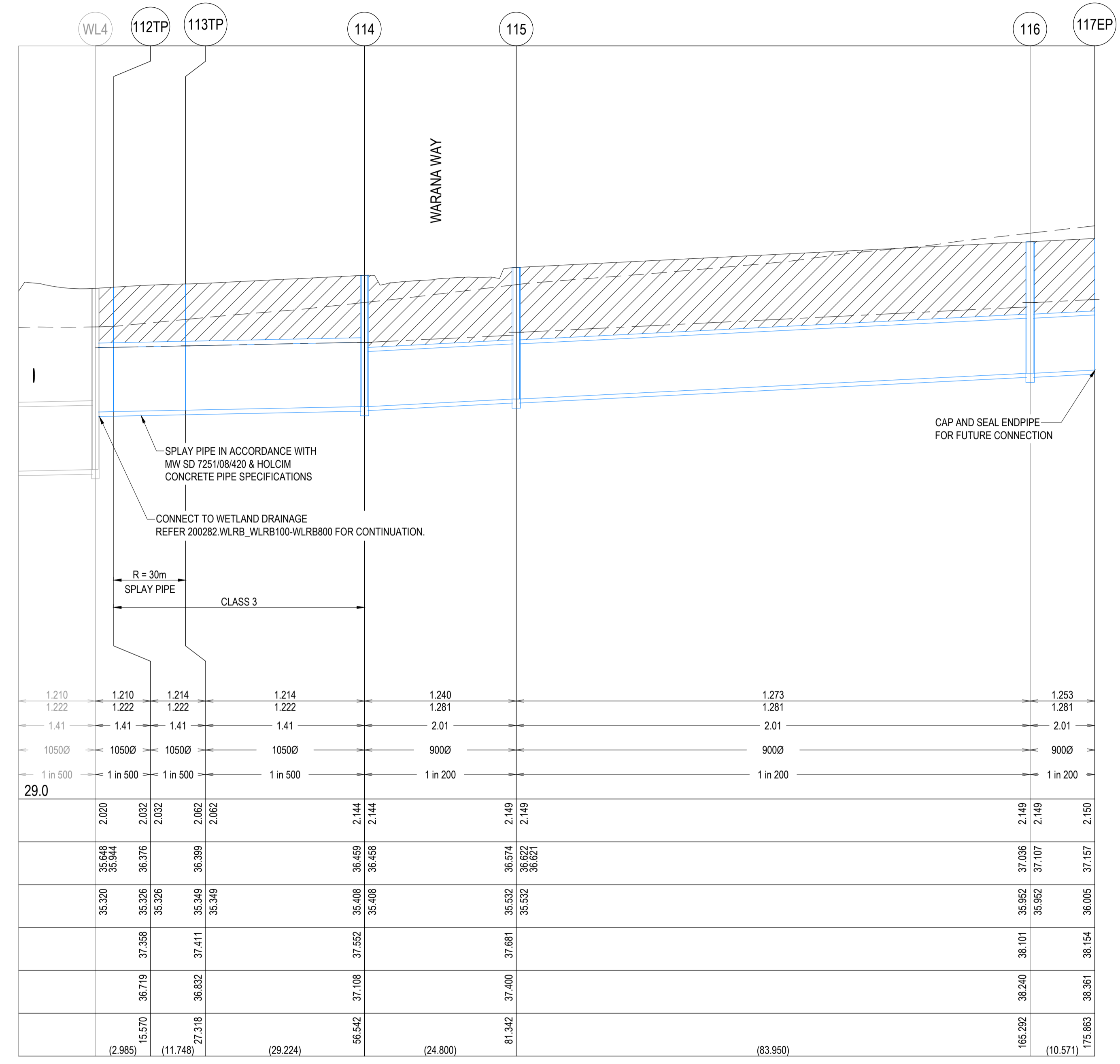
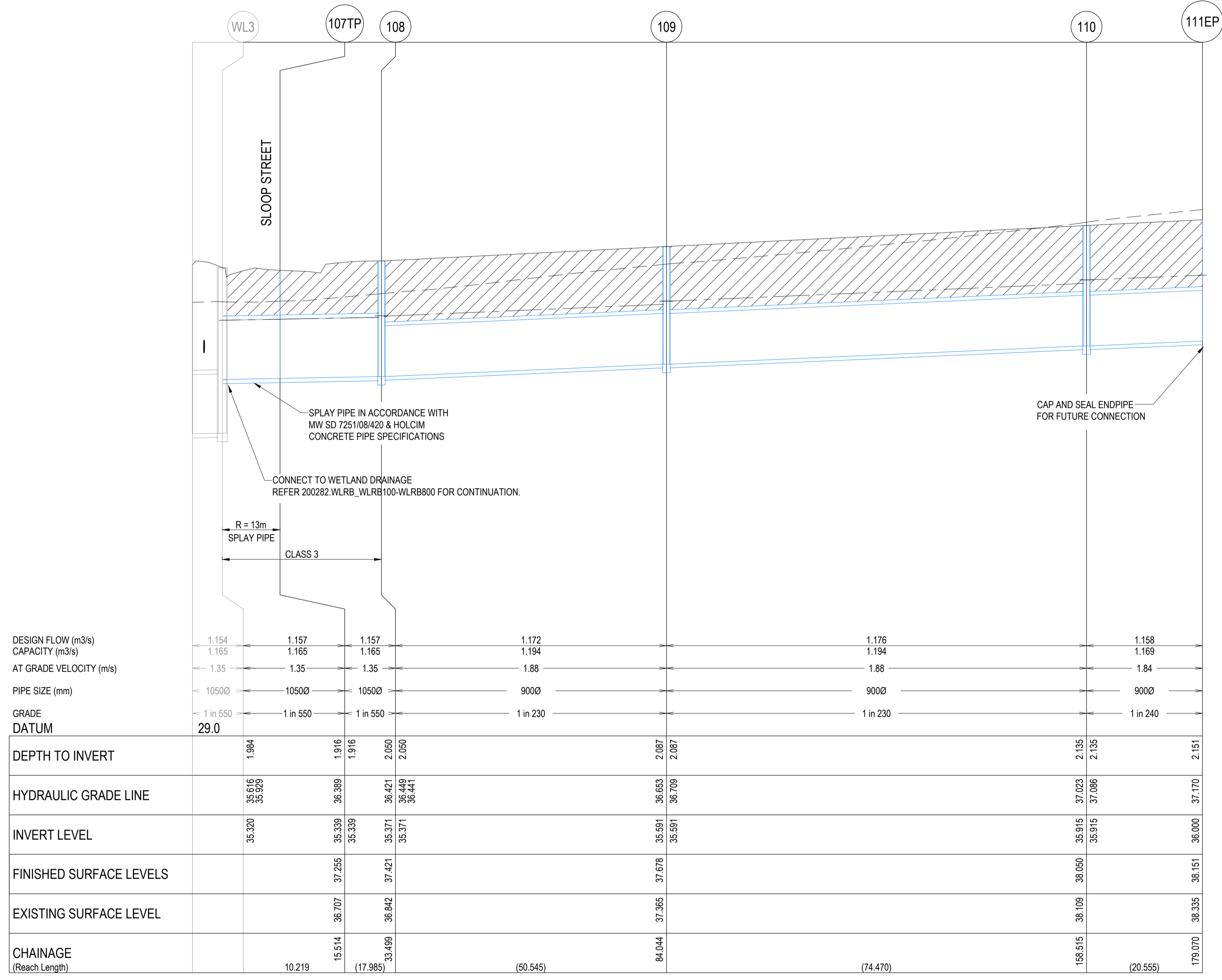
Approved Plan As Required  
under Condition 40  
Permit No WYP10817/18  
Date 18/04/2023

**LEGEND**

- EXISTING SURFACE
- DESIGN SURFACE
- FUTURE DESIGN SURFACE
- DRAINAGE PIPE/PIT
- FUTURE DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE
- CRUSHED ROCK BACKFILL
- PROPOSED SEWER MAIN



**WARNING**  
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www.1100.com.au



P:\2020\20202 - ALAMORA - TARRANT\20202 - CIVIL\2 - DRAFTING\CAD\20202 - R600 - DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
B	29/02/23	THE GROVE INTERFACE AMENDMENTS	AN	C.R.	M.T.
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

**CLIENT**

Communities Designed for Living

**PROJECT**

Suite 1, 2 Bloomsbury Street  
Geelong, VIC, Australia 3220

**DRAWING TITLE**

ALAMORA - STAGE 12  
DRAINAGE LONGITUDINAL SECTIONS - 1

**STATUS**

ISSUED FOR CONSTRUCTION

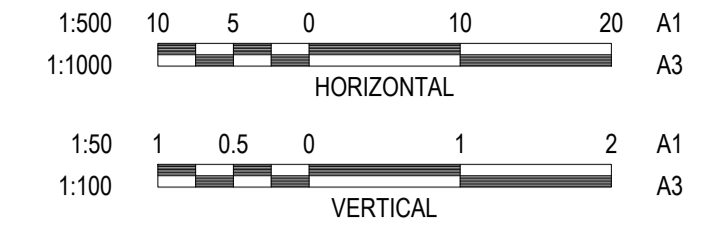
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
200282.12	R600	0

**Planning and Environment Act 1987  
Wyndham Planning Scheme**

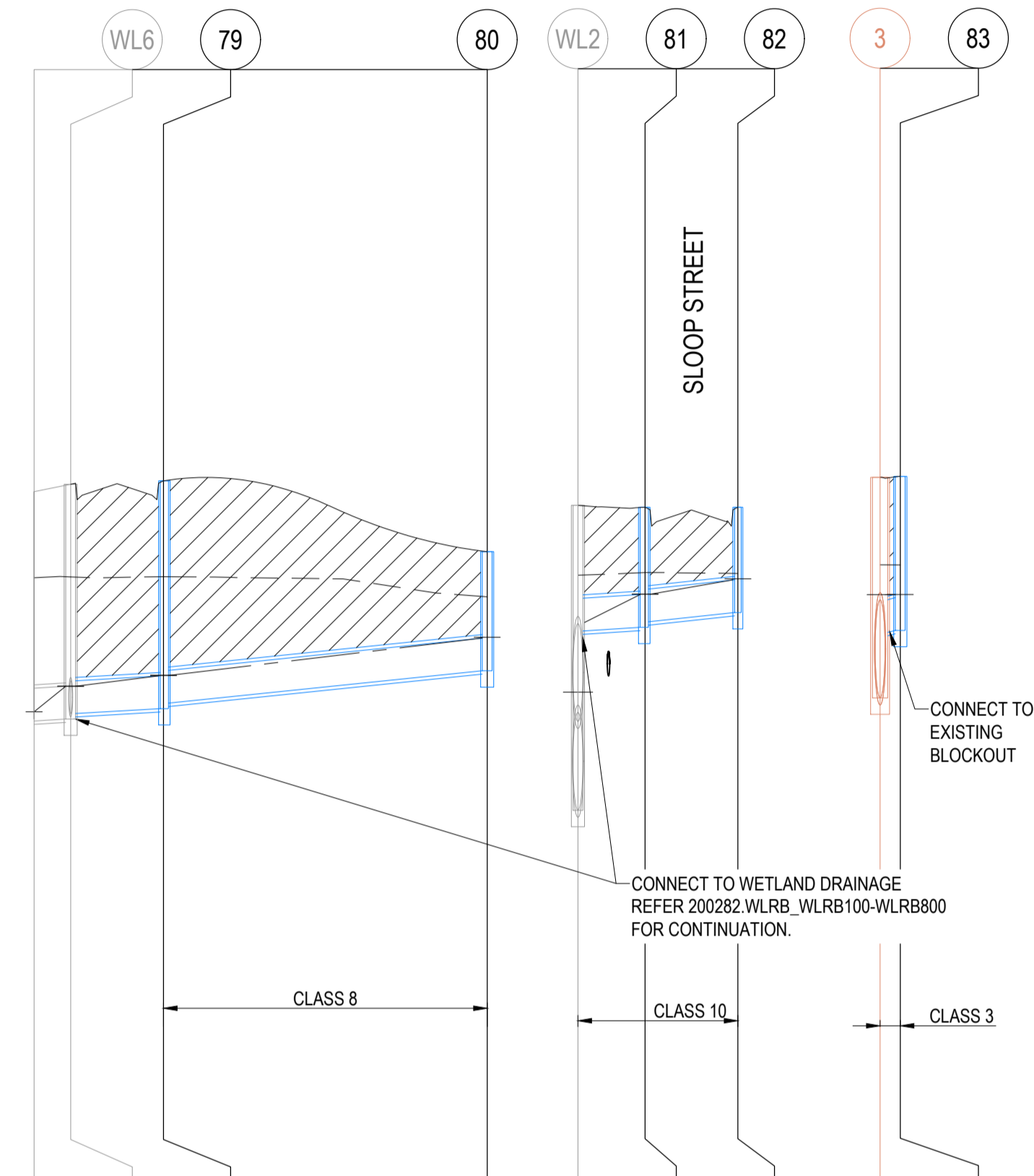
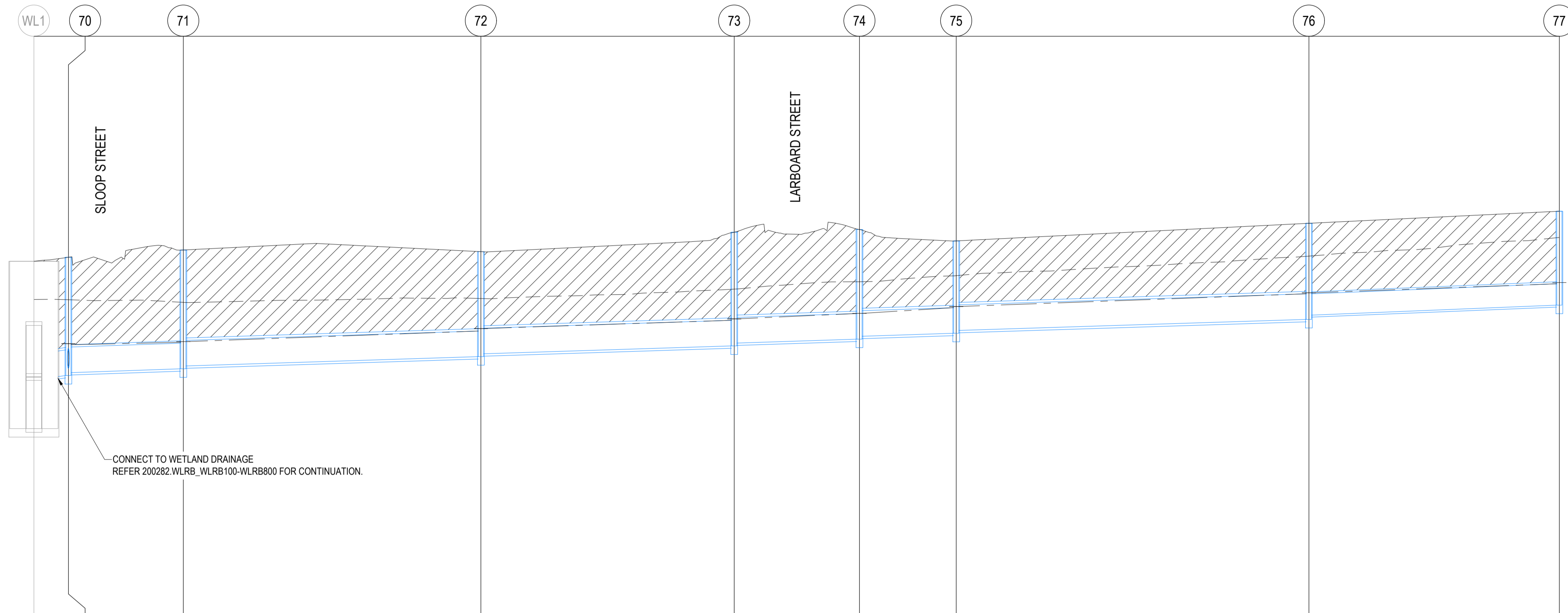
**Approved Plan As Required  
under Condition 40  
Permit No WYP10817/18  
Date 18/04/2023**

**LEGEND**

- EXISTING SURFACE
- DESIGN SURFACE
- FUTURE DESIGN SURFACE
- DRAINAGE PIPE/PIT
- FUTURE DRAINAGE PIPE/PIT
- HYDRUALIC GRADE LINE
- CRUSHED ROCK BACKFILL
- PROPOSED SEWER MAIN



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[www.1100.com.au](http://www.1100.com.au)



	70	71	72	73	74	75	76	77
DESIGN FLOW (m3/s)	0.142	0.131		0.103	0.083	0.083		0.060
CAPACITY (m3/s)	0.165	0.165		0.159	0.159	0.159		0.111
AT GRADE VELOCITY (m/s)	1.04	1.04		1	1	1		1
PIPE SIZE (mm)	450Ø	450Ø		450Ø	450Ø	450Ø		375Ø
GRADE	1 in 300	1 in 300		1 in 320	1 in 320	1 in 320		1 in 250
DATUM	29.0							
DEPTH TO INVERT	2.026	2.078		1.997	1.947	1.926		1.650
HYDRAULIC GRADE LINE	35.398 35.354	35.790 35.800 35.861	35.624 35.534	36.310 36.335	36.429 36.431	36.532 36.552	36.775 36.793	36.951 36.973
INVERT LEVEL	35.320	35.340 35.390	35.457 35.507	35.671 35.721	35.860 35.910	35.979 36.029	36.082 36.132	36.226 36.248
FINISHED SURFACE LEVELS	37.418	37.545	37.516	37.657	37.905	37.705	38.015	38.226
EXISTING SURFACE LEVEL	36.671	36.625	36.692	36.858	36.987	37.094	37.438	37.766
CHAINAGE (Reach Length)	(6.063)	(20.188)	26.251	76.526	(44.501)	123.027	(22.001)	145.029
								(16.999)
								162.028
								(61.954)
								223.982
								(44.000)
								267.982

	79	80	81	82	83
DESIGN FLOW (m3/s)	0.013	0.013	0.010	0.011	0.010
CAPACITY (m3/s)	0.071	0.071	0.097	0.072	0.097
AT GRADE VELOCITY (m/s)	1	1	1.37	1.02	1.37
PIPE SIZE (mm)	300Ø	300Ø	300Ø	300Ø	300Ø
GRADE	1 in 187	1 in 187	1 in 100	1 in 180	1 in 100
DATUM	29.0				
DEPTH TO INVERT	2.150 2.100		1.151	2.020 1.420	1.410
HYDRAULIC GRADE LINE	35.332 35.402	35.652 35.717	35.590 35.220	35.533 35.479	35.442 35.478
INVERT LEVEL	35.332 35.402	35.417 35.497	36.150 36.164	35.533 36.133	35.533 36.151
FINISHED SURFACE LEVELS	37.502	37.534	37.284	37.583	37.562
EXISTING SURFACE LEVEL	36.654	36.656	36.685	36.752	36.751
CHAINAGE (Reach Length)	0.000	6.501	6.149	14.649	1.849
					(1.849)
					20.498
					(8.501)
					(29.650)
					38.151

P:\2020\20282- ALAMORA - STAGE 12\DRAWING\20282\_12-R600- DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R.	M.T.
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

**CLIENT**

Communities Designed for Living

**PROJECT**

Suite 1, 2 Bloomsbury Street  
Geelong, VIC, Australia 3220

**DRAWING TITLE**

**ALAMORA - STAGE 12  
DRAINAGE LONGITUDINAL SECTIONS - 2**

**STATUS**

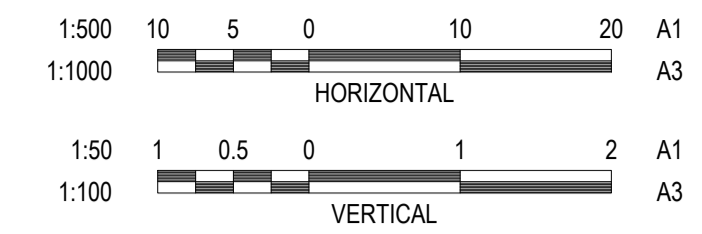
**ISSUED FOR CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>200282.12</b>	<b>R601</b>	<b>0</b>

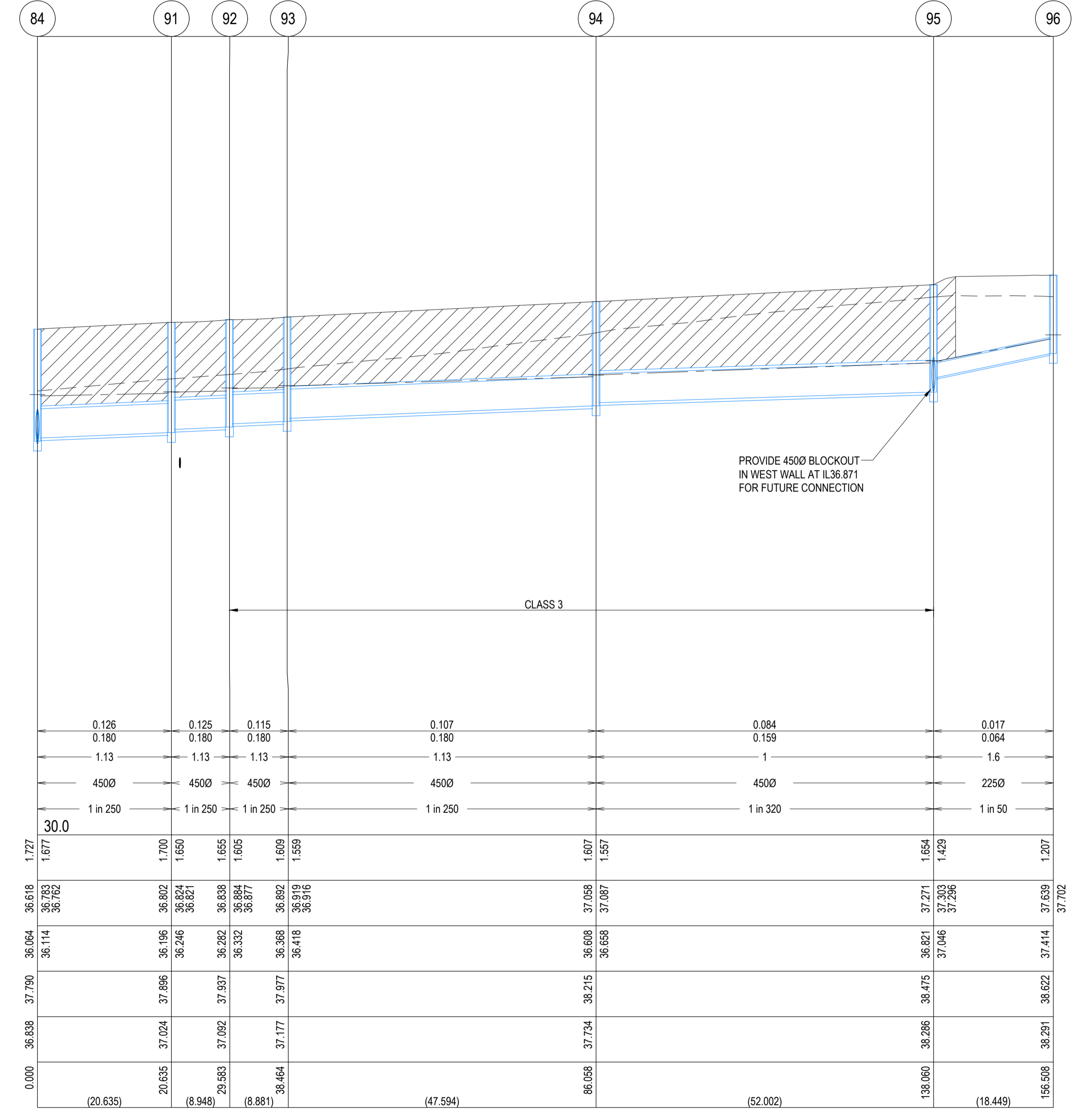
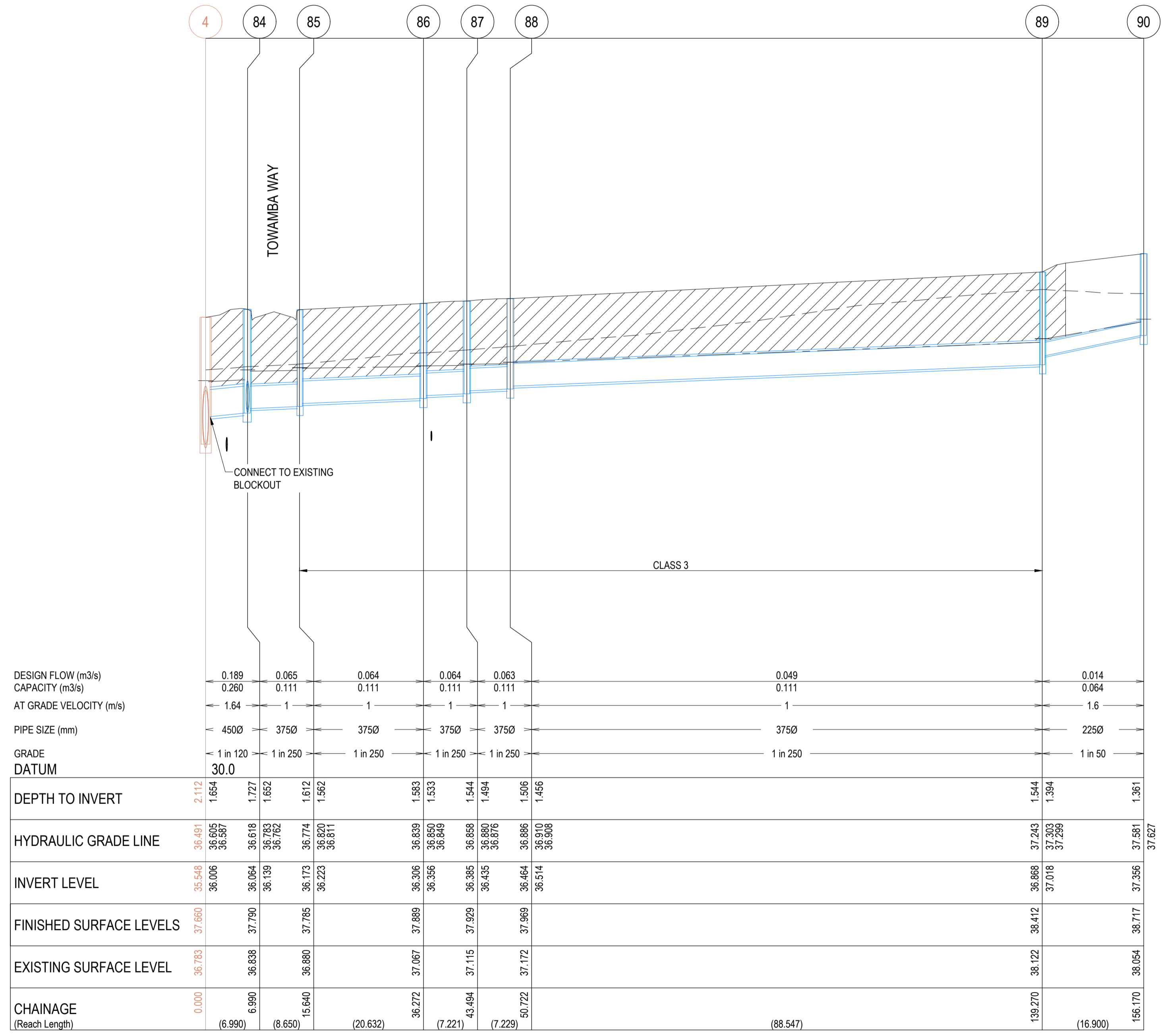
Planning and Environment Act 1987  
 Wyndham Planning Scheme  
 Approved Plan As Required  
 under Condition 40  
 Permit No WYP10817/18  
 Date 18/04/2023

**LEGEND**

- EXISTING SURFACE
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- DRAINAGE PIPE/PIT
- FUTURE DRAINAGE PIPE/PIT
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P:\2020\20282 - ALAMORA - STAGE 12 - DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R.	M.T.
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

**villawood**  
 properties  
 Communities Designed for Living

**creo**  
 CONSULTANTS  
 Suite 1, 2 Bloomsbury Street  
 Geelong, VIC, Australia 3220

**ALAMORA**  
 Yarnit

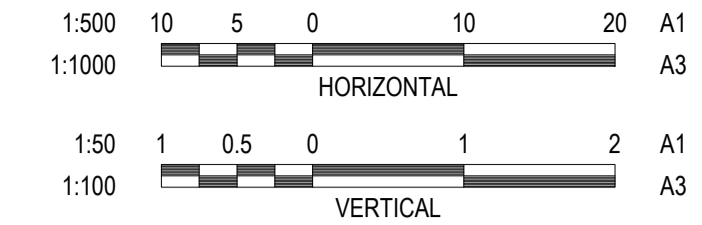
**ALAMORA - STAGE 12**  
**DRAINAGE LONGITUDINAL SECTIONS - 3**

**ISSUED FOR CONSTRUCTION**

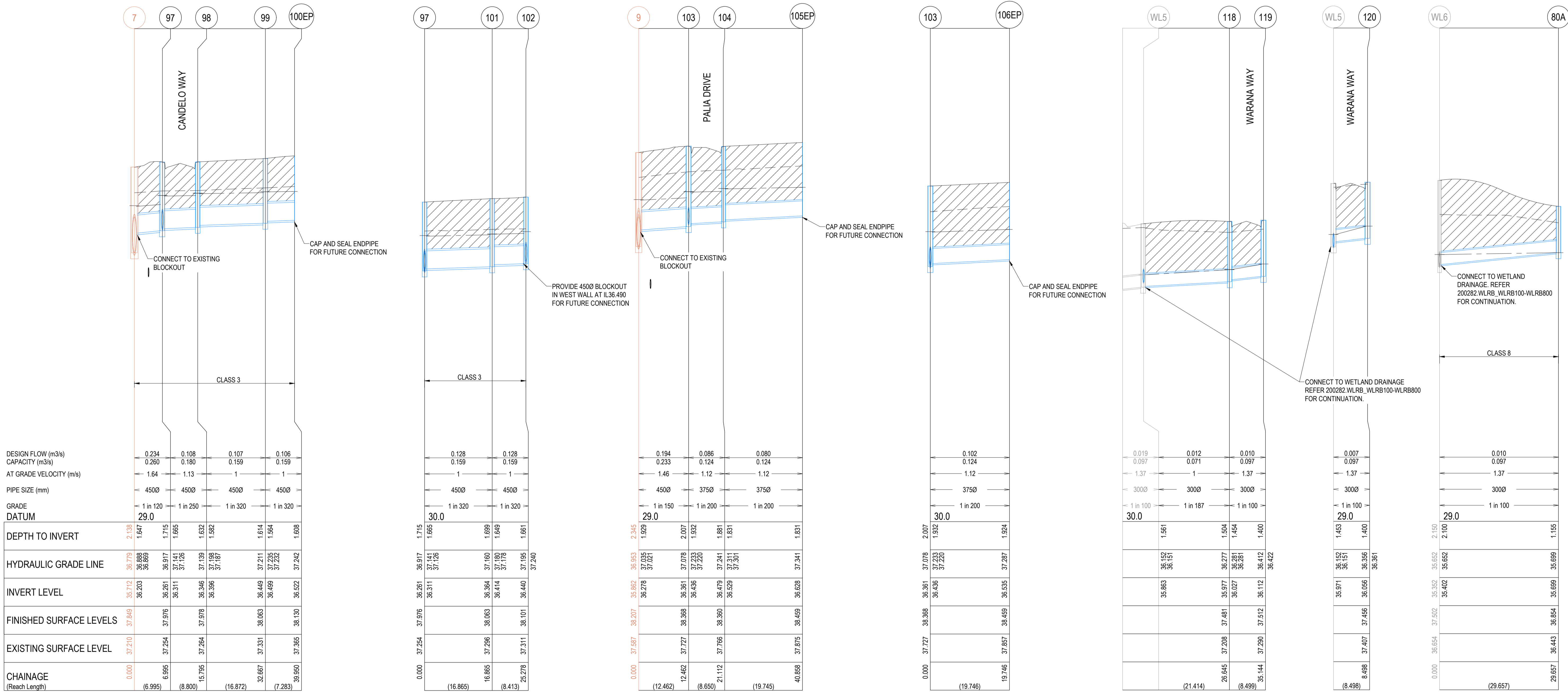
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>200282.12</b>	<b>R602</b>	<b>0</b>

**LEGEND**

- EXISTING SURFACE
- DESIGN SURFACE
- FUTURE DESIGN SURFACE
- DRAINAGE PIPE/PIT
- FUTURE DRAINAGE PIPE/PIT
- HYDRAULIC GRADE LINE
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DESIGN FLOW (m3/s)	0.234	0.108	0.107	0.106
CAPACITY (m3/s)	0.260	0.180	0.159	0.159
AT GRADE VELOCITY (m/s)	1.64	1.13	1	1
PIPE SIZE (mm)	4500	4500	4500	4500
GRADE DATUM	1 in 120	1 in 250	1 in 320	1 in 320
DEPTH TO INVERT	2.138	1.647	1.715	1.685
HYDRAULIC GRADE LINE	36.779	36.888	36.917	37.141
INVERT LEVEL	35.712	36.203	36.261	37.141
FINISHED SURFACE LEVELS	37.849	37.976	38.311	37.978
EXISTING SURFACE LEVEL	37.210	37.254	37.264	37.331
CHAINAGE (Reach Length)	0.000	6.995	15.795	32.667

P:\2020\2022 - ALAMORA - STAGE 12 - CIVIL & DRAINAGE\2022\22-0600 - DRAINAGE LONG SECTIONS.DWG

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N.	C.R.	M.T.
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

**villawood**  
properties  
Communities Designed for Living

**creo**  
CONSULTANTS  
Suite 1, 2 Bloomsbury Street  
Geelong, VIC, Australia 3220

**ALAMORA**  
Tarnait

DRAWING TITLE  
**ALAMORA - STAGE 12  
DRAINAGE LONGITUDINAL SECTIONS - 4**

STATUS  
**ISSUED FOR  
CONSTRUCTION**

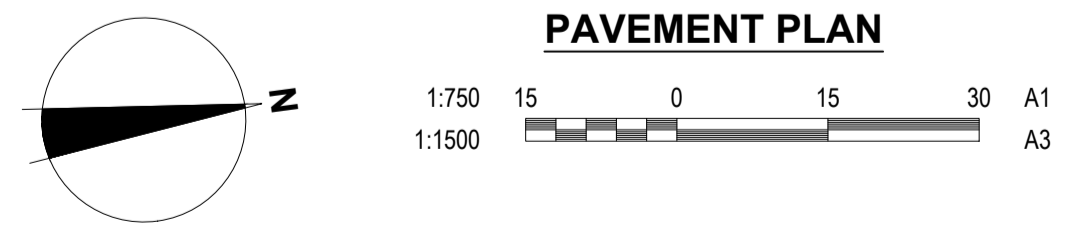
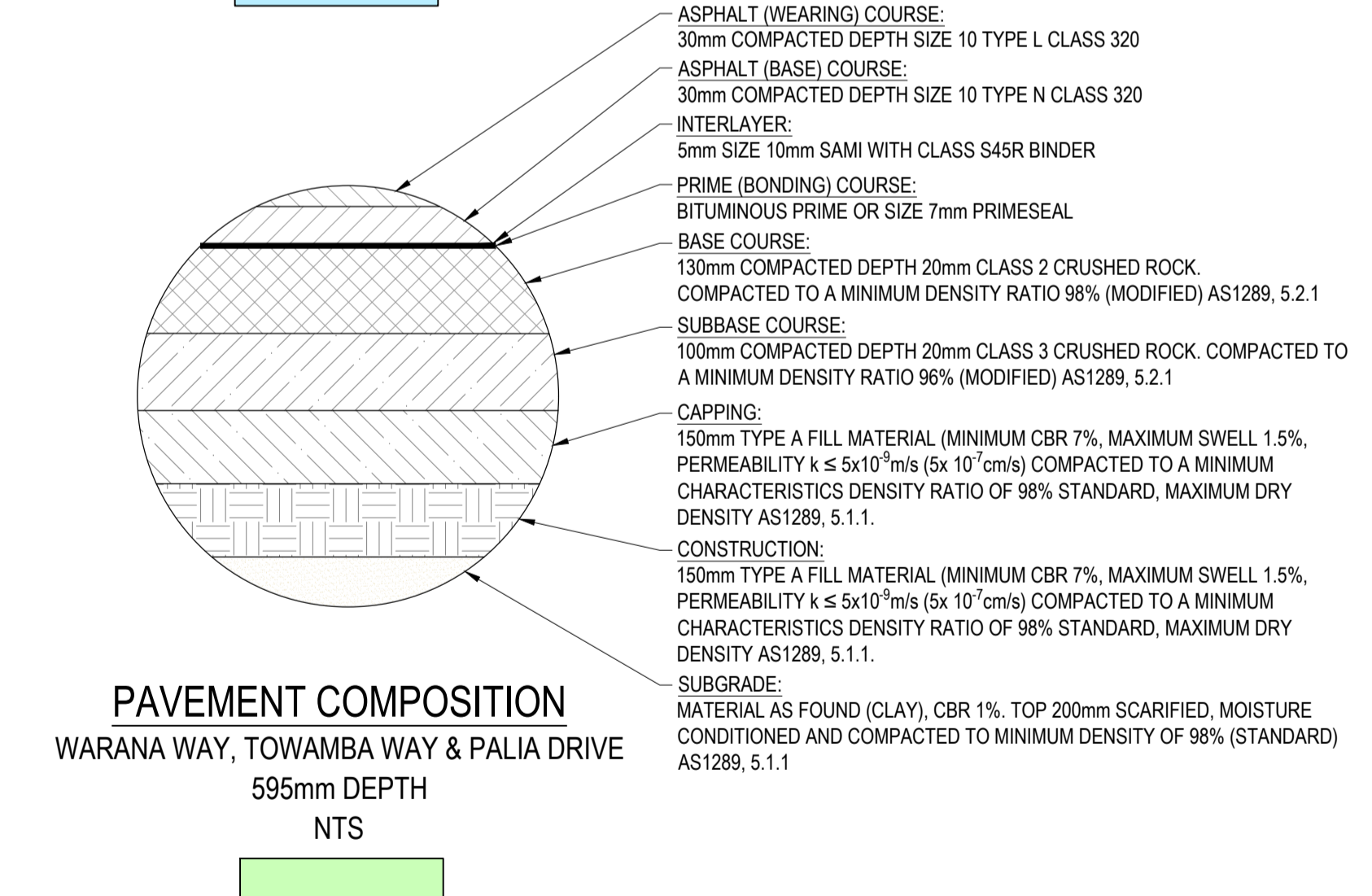
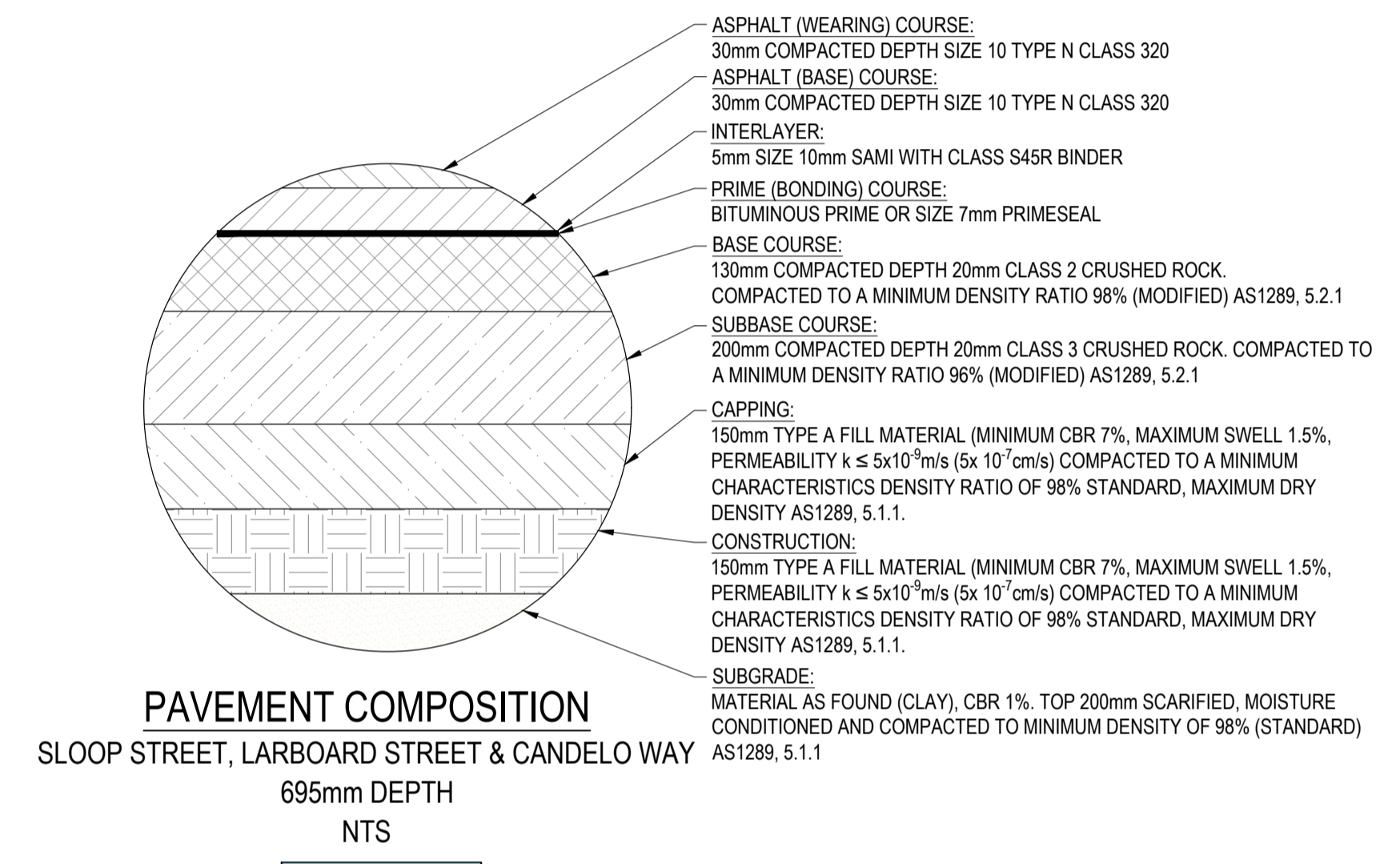
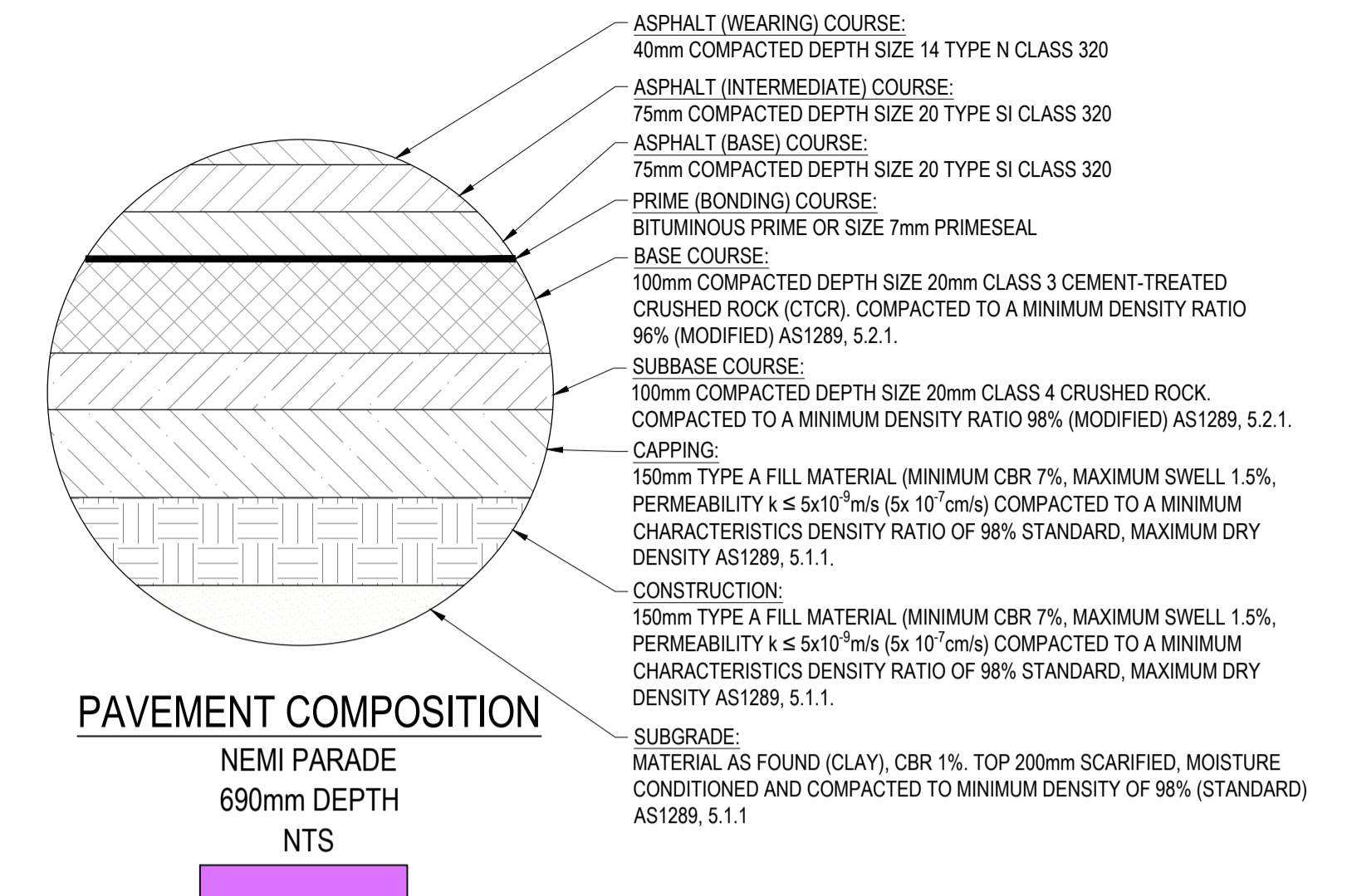
SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>200282.12</b>	<b>R603</b>	<b>0</b>





**Planning and Environment Act 1987  
Wyndham Planning Scheme**

**Approved Plan As Required  
under Condition 40  
Permit No WYP10817/18  
Date 18/04/2023**



**PAVEMENT DESIGNS**

ALL PAVEMENT DESIGNS HAVE BEEN PROVIDED BY TONKIN TAYLOR. CREO IS NOT RESPONSIBLE FOR GEOTECHNICAL OR PAVEMENT RELATED DESIGNS AND IS NOT RESPONSIBLE FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THESE DESIGNS. THE PAVEMENT COMPOSITIONS SHOWN ON THIS DRAWING HAVE BEEN REPRODUCED FROM THE PAVEMENT REPORT FOR THIS DEVELOPMENT. THIS DOCUMENT SHOULD BE REVIEWED BY THE CONTRACTOR TO ENSURE DESIGN HAS BEEN INTERPRETED CORRECTLY. A COPY OF THIS DOCUMENT WILL BE MADE AVAILABLE UPON REQUEST.

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**villawood properties**  
Communities Designed for Living

**creo CONSULTANTS**  
Suite 1, 2 Bloomsbury Street  
Geelong, VIC, Australia 3220

**ALAMORA**  
Tarnait

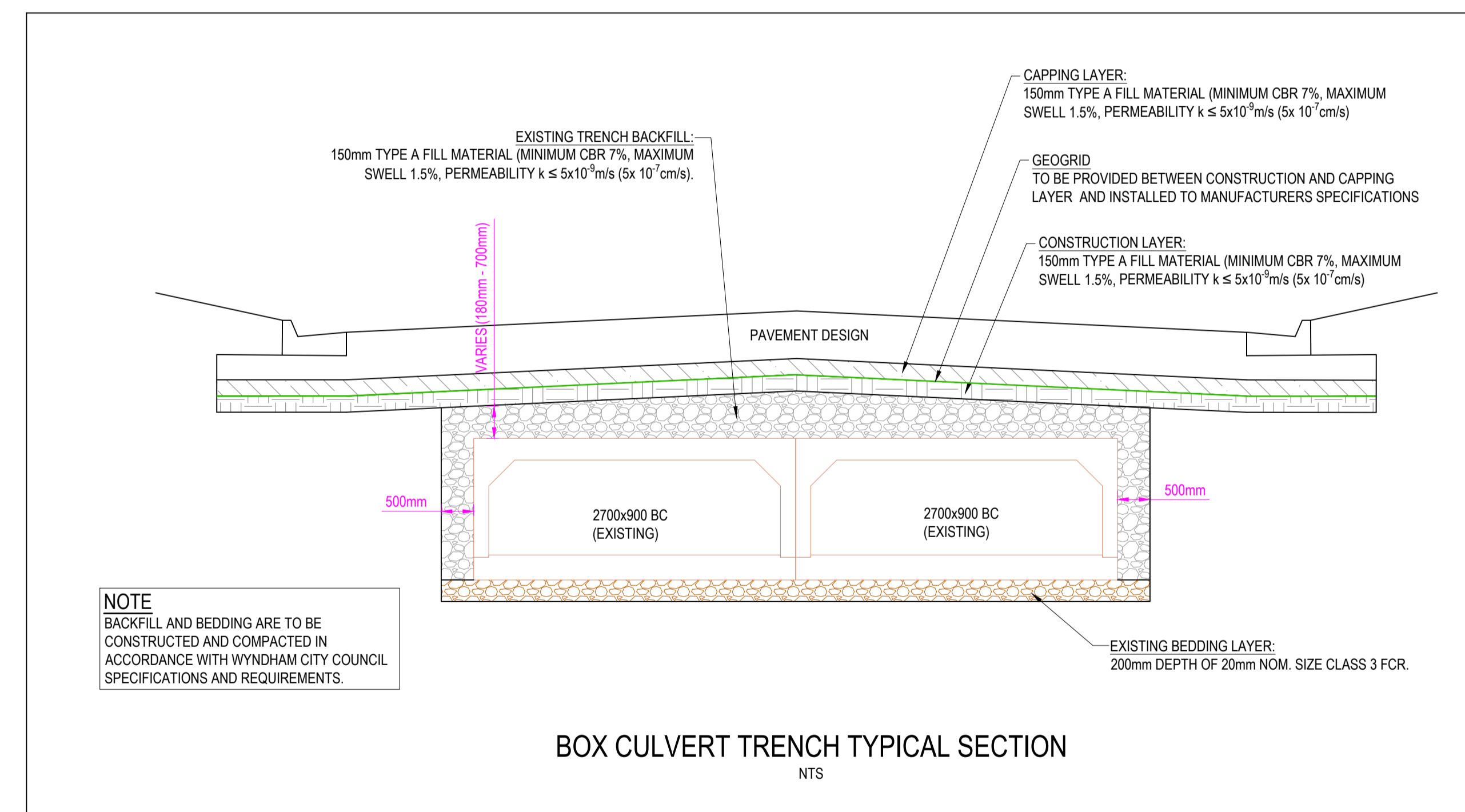
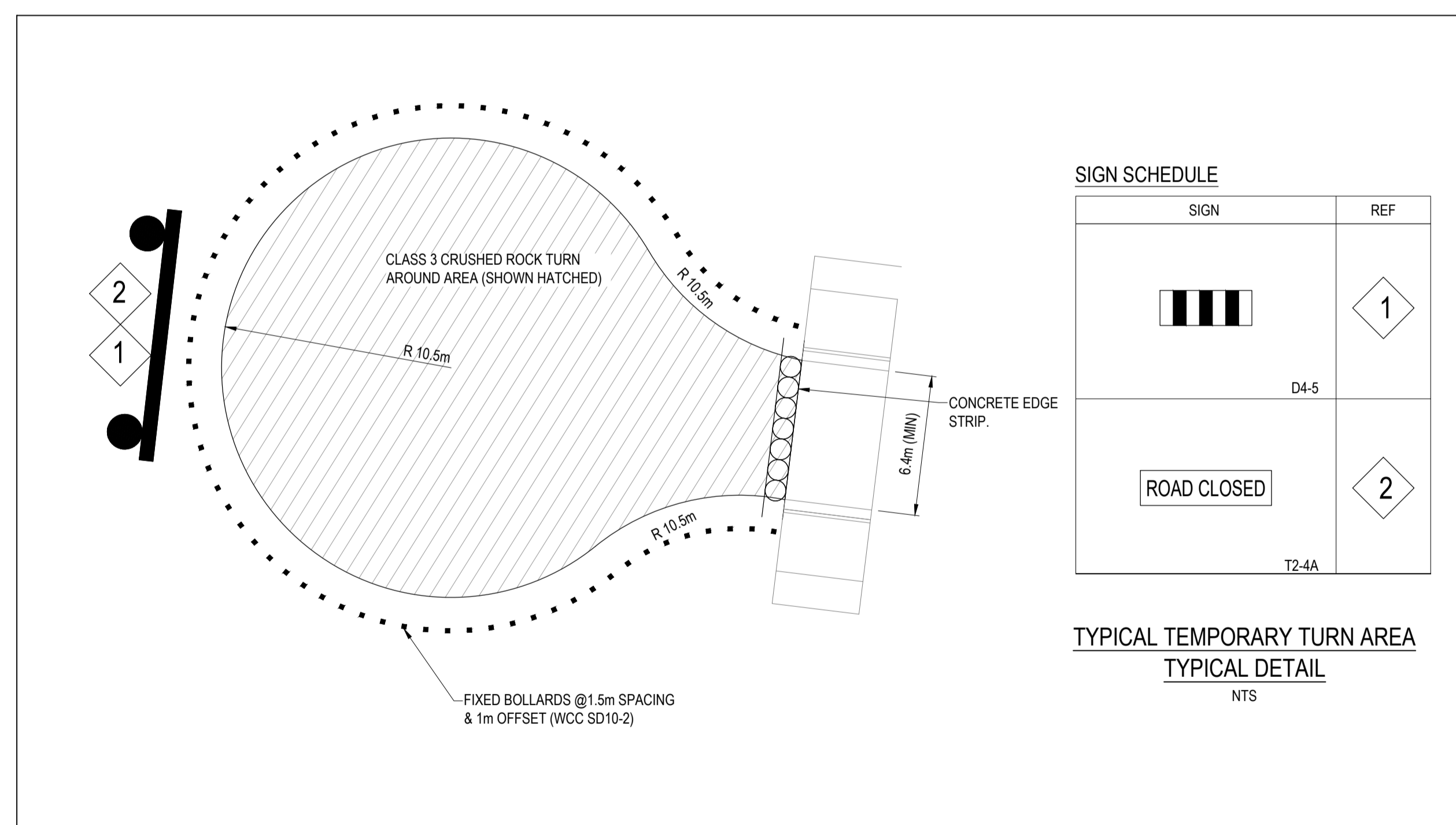
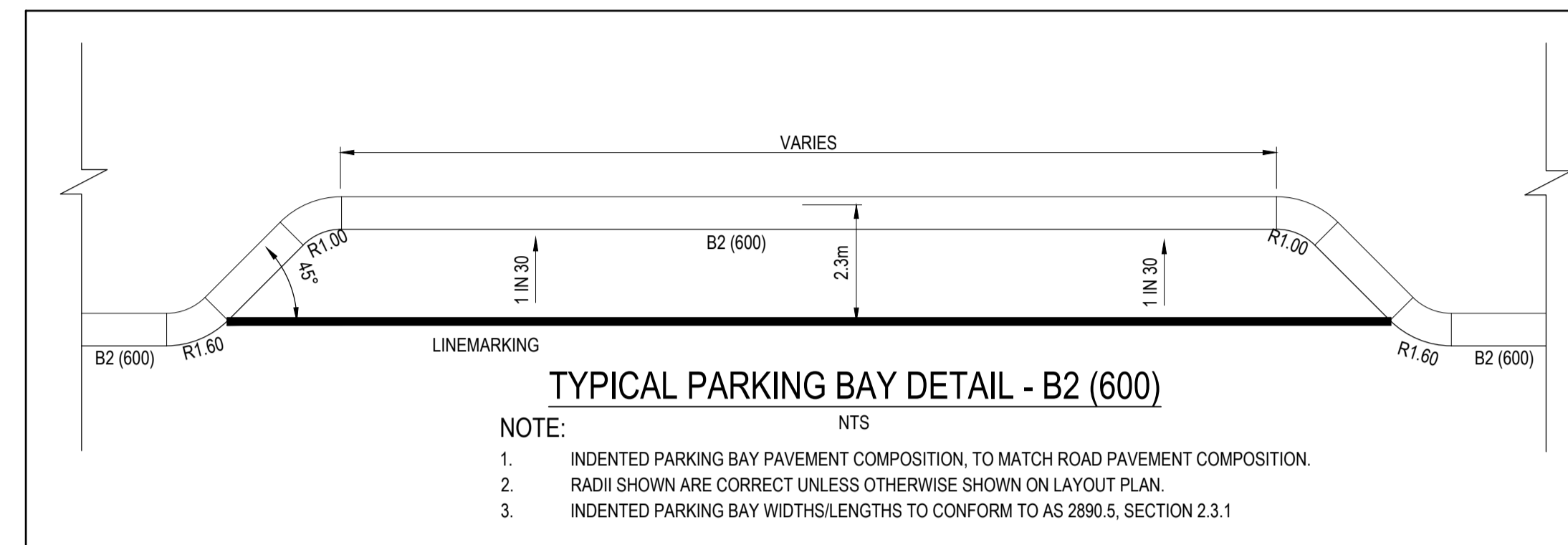
**ALAMORA - STAGE 12**  
TYPICAL DETAILS - 1

**ISSUED FOR CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>200282.12</b>	<b>R700</b>	<b>0</b>

**Planning and Environment Act 1987**  
**Wyndham Planning Scheme**

**Approved Plan As Required**  
**under Condition 40**  
**Permit No WYP10817/18**  
**Date 18/04/2023**



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0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
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B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

**CLIENT**

Communities Designed for Living

**CREO CONSULTANTS**

Suite 1, 2 Bloomsbury Street  
 Geelong, VIC, Australia 3220

**PROJECT**

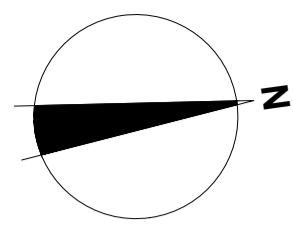
**DRAWING TITLE**

**ALAMORA - STAGE 12**  
**TYPICAL DETAILS - 2**

**STATUS**

**ISSUED FOR CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
200282.12	R701	0



FUTURE DEVELOPMENT  
(BY OTHERS)

FUTURE  
STAGE 14

FUTURE  
STAGE 13

**Planning and Environment Act 1987**  
**Wyndham Planning Scheme**  
**Approved Plan As Required**  
**under Condition 40**  
**Permit No WYP10817/18**  
**Date 18/04/2023**

FUTURE  
STAGE 13

EXISTING  
STAGE 11

PROPOSED WETLAND - REFER  
200282.WLRB\_WLRB100-WLRB800

FUTURE 'GROVE' DEVELOPMENT  
(BY OTHERS)

FUTURE 'GROVE' DEVELOPMENT  
(BY OTHERS)

1:500 10 5 0 10 20 A1  
1:1000

LEGEND

	1.8m HIGH CAPPED TIMBER PALING FENCE
--	--------------------------------------

SIGN SCHEDULE

SIGN	REF	QUANTITY
	1	REFER TABLE
STREET SIGN		
	R1-2	5No.
	T2-4A	7No.
	D4-5	
	R5-35R	2No.
	R5-35L	2No.
	R5-35	1No.

STREET SIGN SCHEDULE

NEMI PDE	5No.
WARANA WAY	1No.
SLOOP ST	2No.
TOWAMBA WAY	1No.
LARBOARD ST	1No.
CANDELO WAY	1No.
PALIA DR	1No.

- ALL LINE MARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742.1 AND AS 1742.2, UNLESS SPECIFICALLY SHOWN OTHERWISE.
- LINEMARKING IS TO BE INSTALLED USING EXTRUDED LONG LIFE THERMOPLASTIC PAINT. TEMPORARY LINEMARKING USING ORDINARY PAINT IS TO BE APPLIED WHEN WEARING COURSE ASPHALT IS NOT APPLIED FOR A PERIOD OF TIME E.G. AT PRACTICAL COMPLETION.
- ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742-3.
- LINEMARKING SET OUT SHALL BE INSPECTED AND APPROVED BY COUNCIL BEFORE FINAL LINEMARKING IS CARRIED OUT.
- HIGH FRICTION SURFACE TREATMENT COLOURED EMERALD GREEN MUST BE PROVIDED WITHIN THE BICYCLE LANES MARKED AS GREEN ON THE PLAN. INSTALLATION MUST COMPLY WITH VICROADS STANDARD SECTION 430 FOR HIGH FRICTION SURFACE TREATMENTS TO MANUFACTURER'S SPECIFICATIONS.
- 90° BENDS TO HAVE CENTRELINE MARKING WITH RRPMS AT MAX 6m SPACIN.
- RRPMS TO BE IN ACCORDANCE WITH VICROAD TRAFFIC ENGINEERING MANUAL VOL2.

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
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B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

CLIENT

Communities Designed for Living

creo  
CONSULTANTS

Suite 1, 2 Bloomsbury Street  
Geelong, VIC, Australia 3220

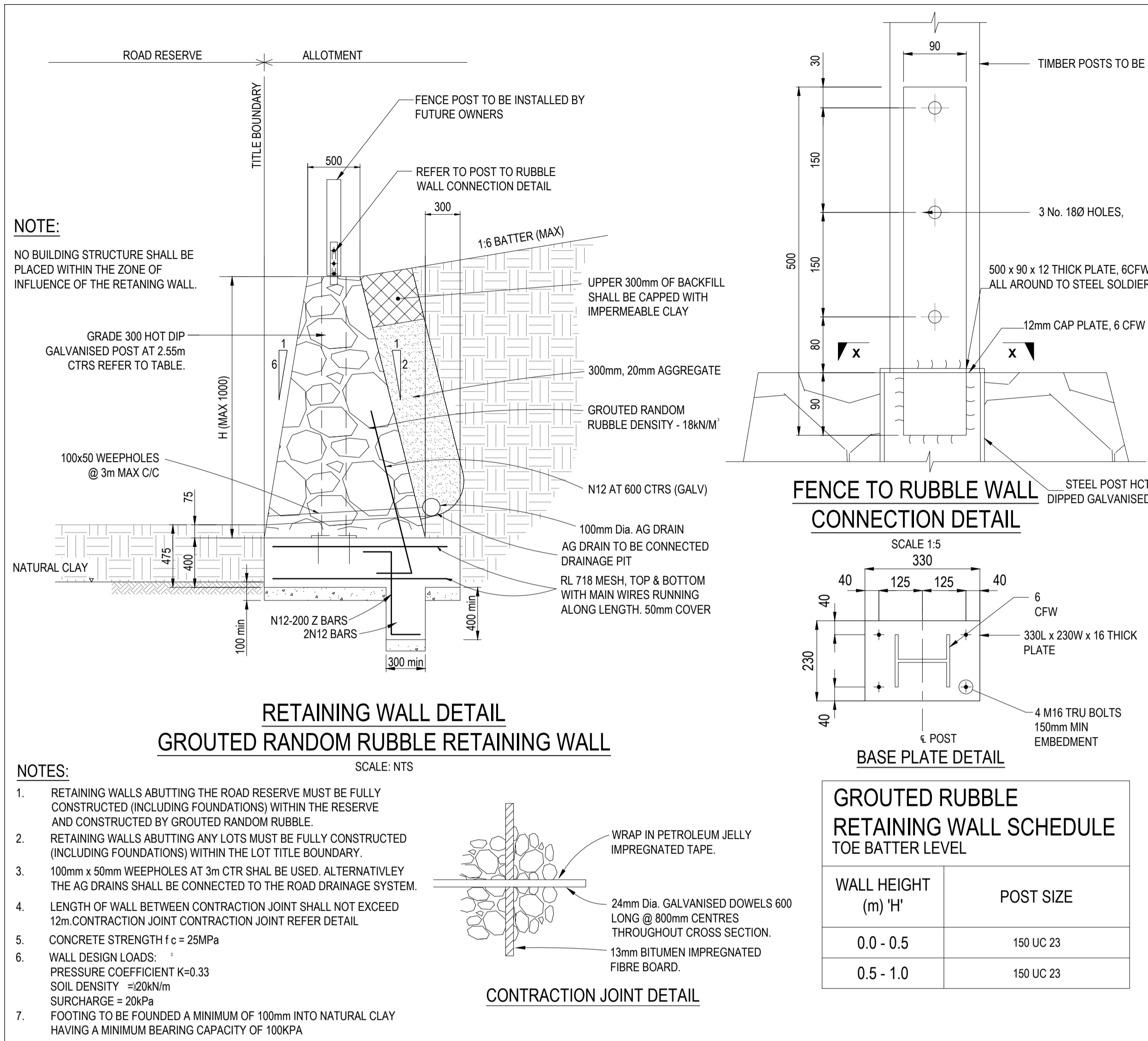
PROJECT

DRAWING TITLE  
**ALAMORA - STAGE 12  
SIGNAGE & LINEMARKING PLAN**

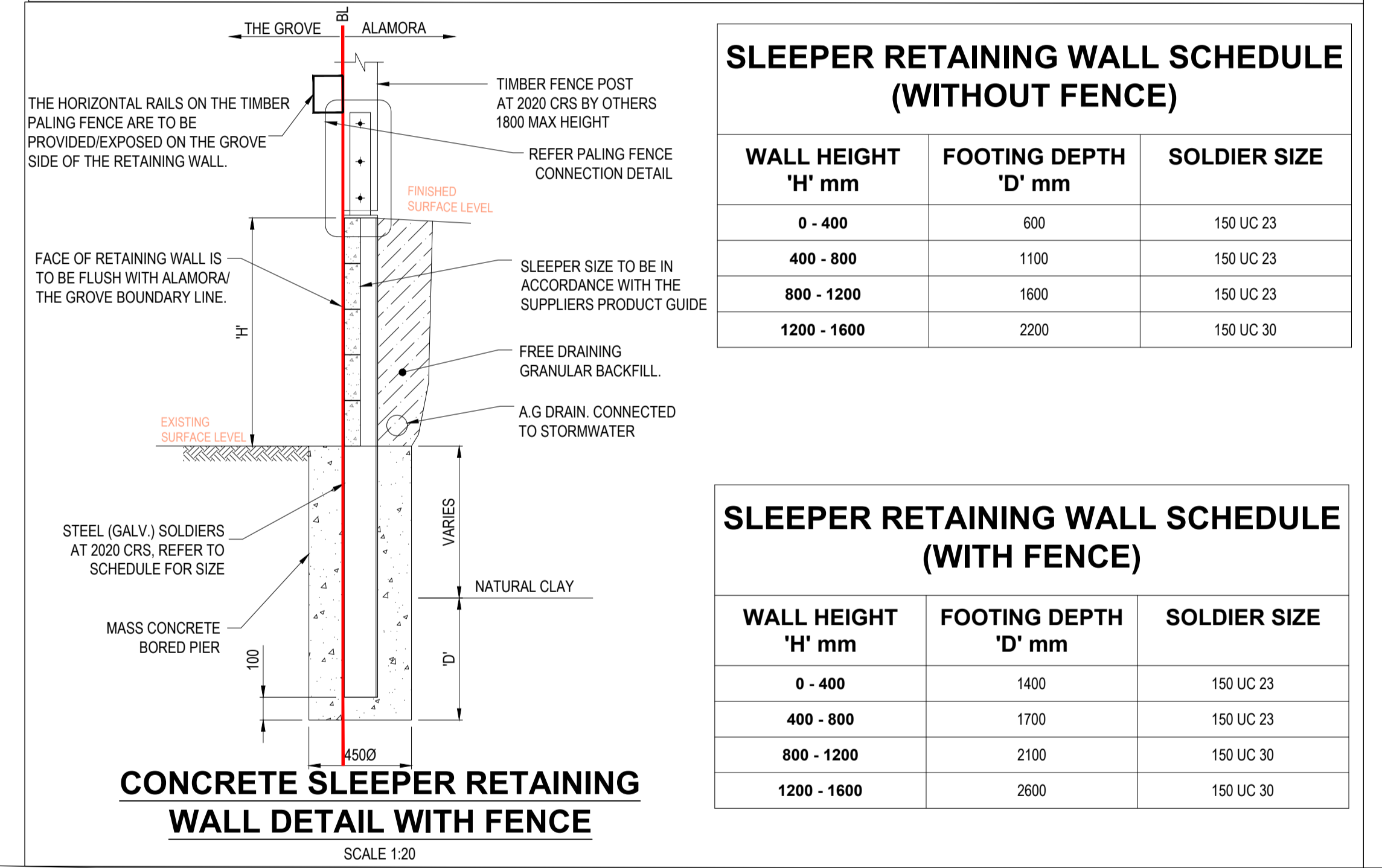
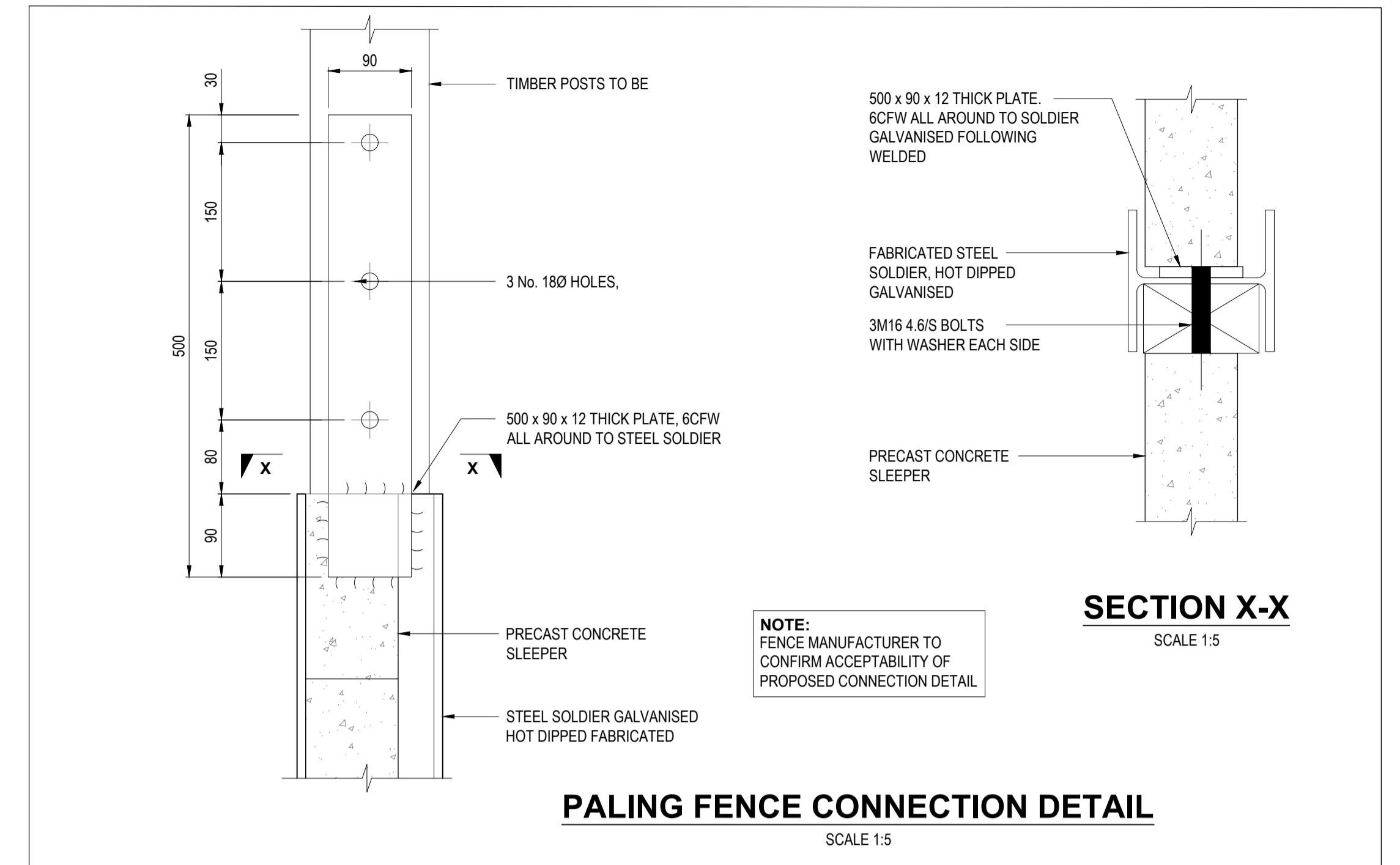
STATUS  
**ISSUED FOR  
CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
1:500 @ A1	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
200282.12	R800	0

# ROCK RUBBLE RETAINING WALL DETAILS



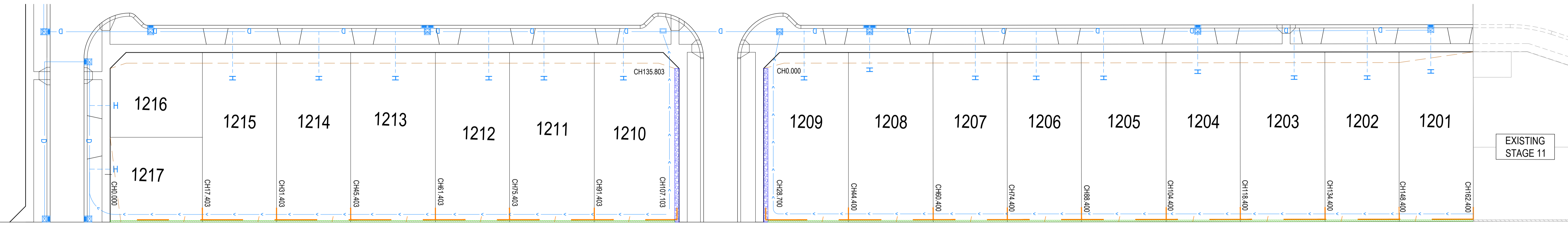
# CONCRETE SLEEPER RETAINING WALL DETAILS



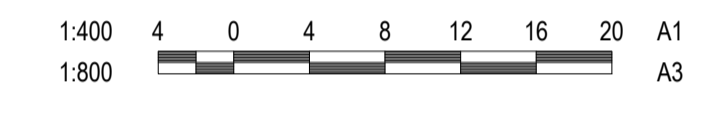
**WARNING**  
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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED	CLIENT	PROJECT	DRAWING TITLE	STATUS	SCALE AT A1	DRAWN	DESIGNED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.	 Communities Designed for Living	 Suite 1, 2 Bloomsbury Street Geelong, VIC, Australia 3220	 ALAMORA - STAGE 12 RETAINING WALL DETAILS - 1	<b>ISSUED FOR CONSTRUCTION</b>	AS SHOWN	C.ROHDE	C.ROHDE
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R.	M.T.					PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.					M.TROUNCE	M.TROUNCE	DECEMBER 2022
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.					PROJECT No.	DRAWING No.	REVISION
										200282.12	R900	0

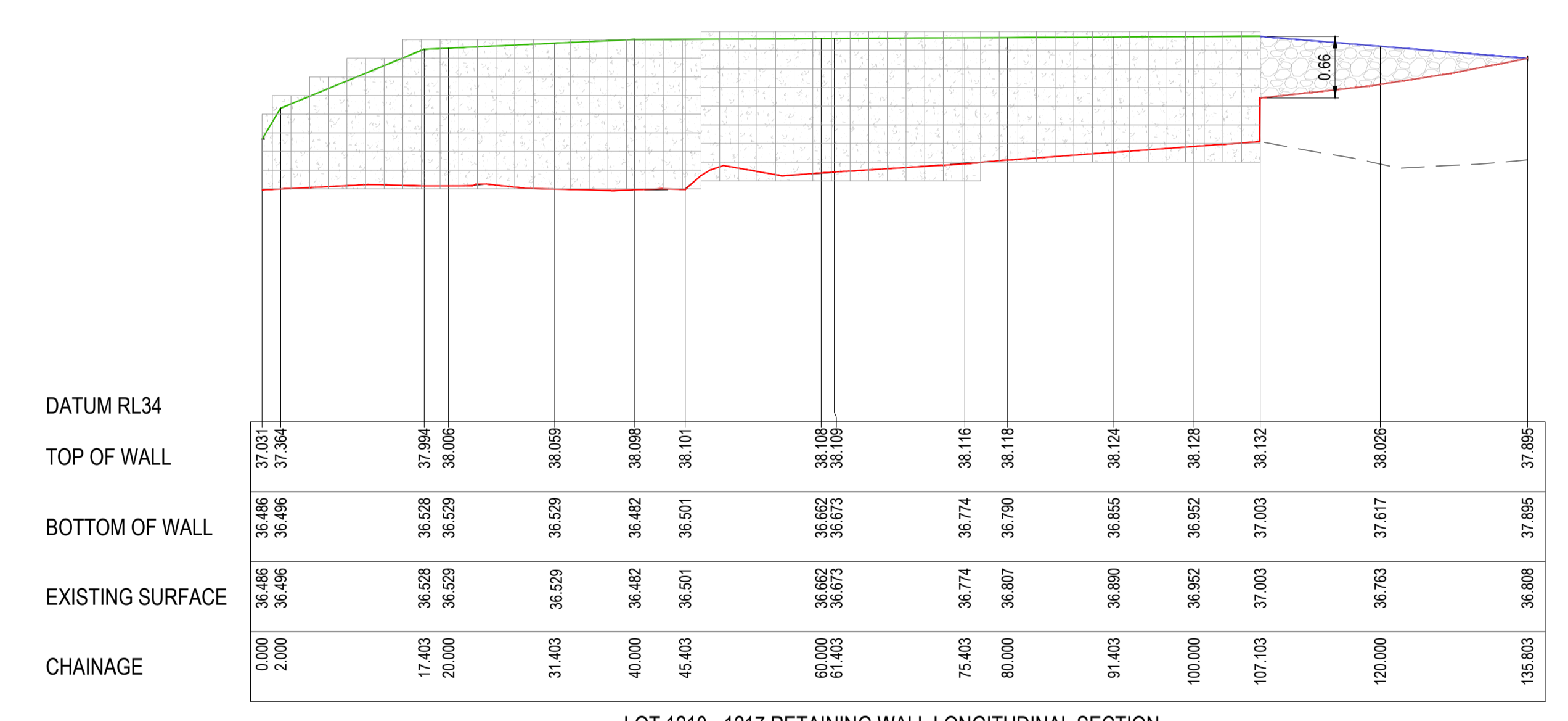
LEGEND - RETAINING WALL LAYOUT PLAN	
	RIDGE LINE
	CONCRETE SLEEPER RETAINING WALL
	ROCK RUBBLE RETAINING WALL
	1.8m HIGH CAPPED TIMBER PALING FENCE
	STORMWATER DRAIN & PIT
	HOUSE DRAIN
	AG DRAIN



**RETAINING WALL LAYOUT PLAN**



NOTE:  
CONCRETE SLEEPERS ARE SHOWN INDICATIVELY ONLY. CONTRACTOR TO PROVIDE AS APPROPRIATE ONSITE.



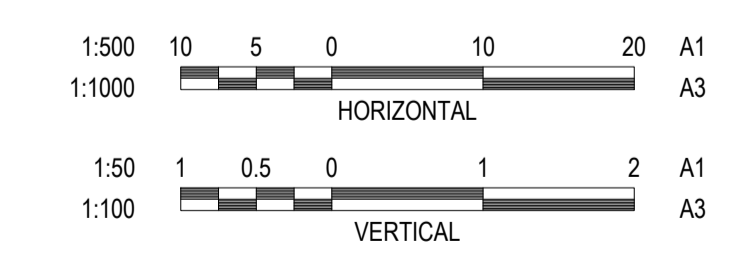
LOT 1210 - 1217 RETAINING WALL LONGITUDINAL SECTION

HORIZONTAL GEOMETRY

CHAINAGE	0.000	20.000	28.700	40.000	44.400	60.000	66.400	74.400	80.000	88.400	100.000	104.400	118.400	120.000	134.400	140.000	148.400	160.000	162.400	
DATUM RL34																				
TOP OF WALL	37.903	37.990	38.028	38.077	38.096	38.164	38.166	38.227	38.251	38.288	38.338	38.358	38.416	38.426	38.488	38.513	38.549	38.840	38.900	
BOTTOM OF WALL	37.903	37.578	37.109	37.174	37.199	37.289	37.291	37.185	37.238	37.270	37.485	37.583	37.636	37.643	37.687	37.601	37.710	37.809	37.828	
EXISTING SURFACE	36.911	36.908	37.109	37.174	37.199	37.289	37.291	37.185	37.238	37.270	37.485	37.583	37.636	37.643	37.687	37.601	37.710	37.809	37.828	

LOT 1201 - 1209 RETAINING WALL LONGITUDINAL SECTION

LEGEND	
	EXISTING SURFACE
	TOP OF WALL (CONCRETE SLEEPER)
	TOP OF WALL (ROCK RUBBLE)
	BOTTOM OF WALL



**WARNING**  
**BEWARE OF UNDERGROUND & OVERHEAD SERVICES**  
The locations of underground & overhead services are approximate only & their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works.  
**DIAL 1100 BEFORE YOU DIG**  
[www.1100.com.au](http://www.1100.com.au)

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	APPROVED
0	05/04/23	CONSTRUCTION ISSUE	C.R.	C.R.	M.T.
C	29/02/23	THE GROVE INTERFACE AMENDMENTS	A.N	C.R.	M.T.
B	09/02/23	AMENDED TO COUNCIL COMMENTS (09/01/23)	C.R.	C.R.	M.T.
A	22/12/22	ISSUED FOR APPROVAL	C.R.	C.R.	M.T.

**villawood properties**  
Communities Designed for Living

**creo CONSULTANTS**  
Suite 1, 2 Bloomsbury Street  
Geelong, VIC, Australia 3220

**ALAMORA**  
Tarnait

**ALAMORA - STAGE 12**  
RETAINING WALL DETAILS - 2

**ISSUED FOR CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
AS SHOWN	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
200282.12	R901	0

**Building Act 1993**  
*Section 238(1)(a)*  
**Building Regulations 2018**  
*Regulation 126*

**CERTIFICATE OF COMPLIANCE FOR PROPOSED BUILDING WORK**

**This certificate is issued to:**

Relevant building surveyor:

Postal address:

Postcode:

Email:

**This certificate is issued in relation to the proposed building work at:**

Address of: Alamora – Stage 12

156 Portarlington Road, Portarlington, VIC, 3223

**Nature of proposed building work:**

Construction of: Sleeper and Random Rubble Retaining Walls

Version of BCA applicable to certificate: BCA 2019 Vol. 1 Amd. 1

**Building classification:**

Part of building: Retaining walls

BCA Classification: 10b

**Prescribed class of building work for which this certificate is issued:**

Design or part of the design of building work relating to structural engineering matters for the proposed retaining walls.

**Documents setting out the design that is certified by this certificate.**

Document no.	Revision	Document date	Type of document	Number of pages	Prepared by
200282.12 – R900	B	07/02/2023	Drawing	1	Creo Consultants Pty Ltd
200282.1 – R901	B	07/02/2023	Drawing	1	Creo Consultants Pty Ltd
200282.12-Calculation-Ver.1	1	06/02/2023	Calculations	18	Creo Consultants Pty Ltd

**Documents used in the preparation of the design that are not certified by this certificate.**

Document no.	Revision	Document date	Type of document	Number of pages	Prepared by
53600.2.R1.v2	2	Nov 2018	Geotechnical Report	141	Tonkin & Taylor Pty Ltd

**The design certified by this certificate complies with the following provisions of Building Act 1993, Building Regulations 2018 or National Construction Code**

<b>Act, Regulation or NCC</b>	<b>Section, Regulation, Part, Performance Requirement or other provision</b>
AS/NZS 1170.0	Structural design actions – General principles
AS/NZS 1170.1	Structural design actions – Permanent, imposed and other actions
AS/NZS 1170.2	Structural design actions – Wind actions
AS1170.4	Structural design actions – Earthquake actions
AS 3600	Concrete Structures Code
AS 4100	Steel Structures Code
AS 4678	Earth-retaining Structures Code
NCC 2019 Volume 1 Building Code of Australia	Part B1

I certify that the design set out in the documents listed above complies with the provisions set out above.  
I believe that I hold the required skills, experience and knowledge to issue this certificate and can demonstrate this if requested to do so.

**Engineer:**

Name: James Tabban

Address: Level 7, Wellington Parade, East Melbourne 3002

Email: james.tabban@creoconsultants.com.au

Building practitioner registration category and class:

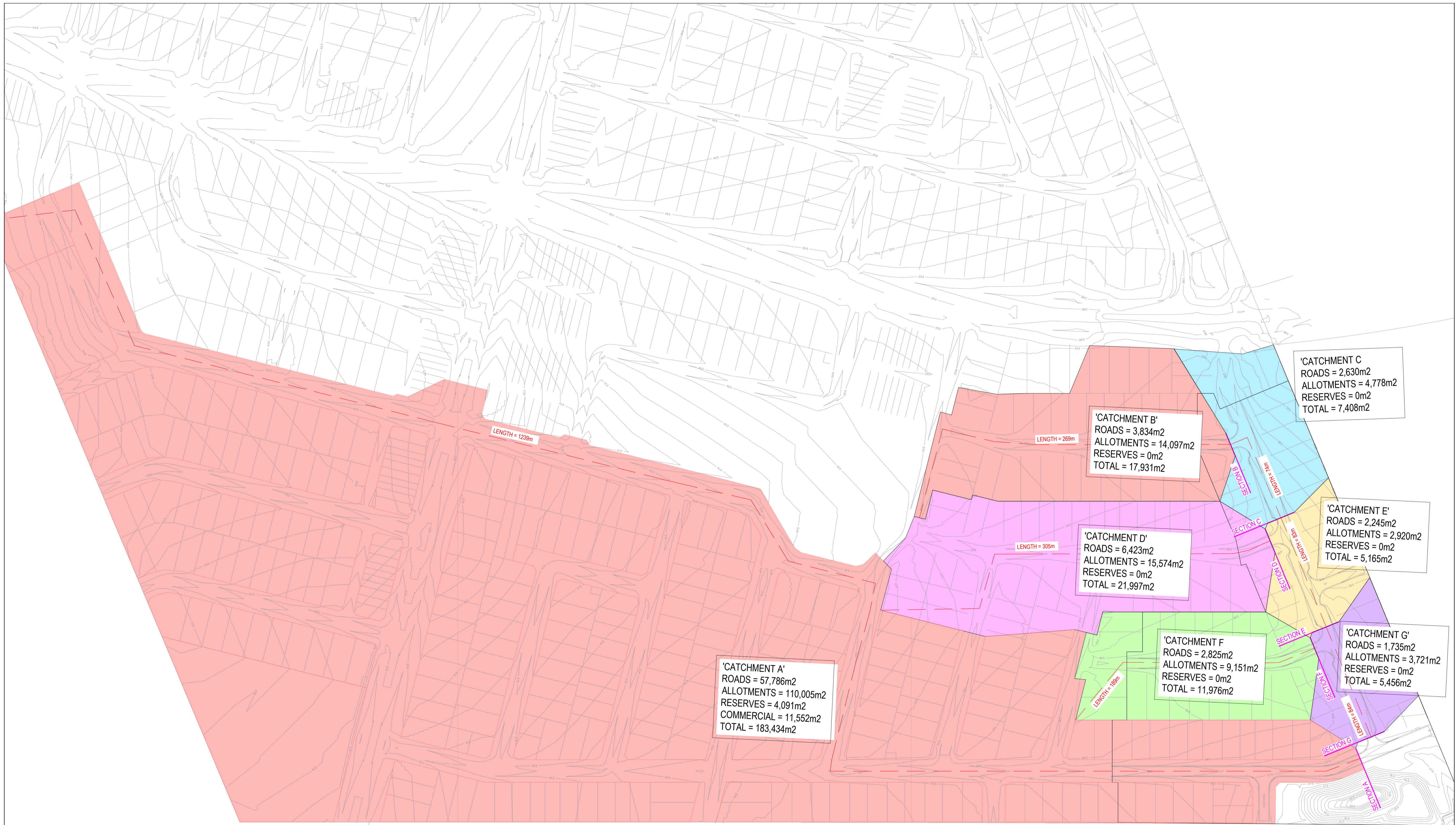
Professional Engineer Registration: PE0002443

VBA Building practitioner registration no.: EC 37325

Date of issue of certificate: 10 February 2023

Signature:





'CATCHMENT C'  
 ROADS = 2,630m<sup>2</sup>  
 ALLOTMENTS = 4,778m<sup>2</sup>  
 RESERVES = 0m<sup>2</sup>  
 TOTAL = 7,408m<sup>2</sup>

'CATCHMENT B'  
 ROADS = 3,834m<sup>2</sup>  
 ALLOTMENTS = 14,097m<sup>2</sup>  
 RESERVES = 0m<sup>2</sup>  
 TOTAL = 17,931m<sup>2</sup>

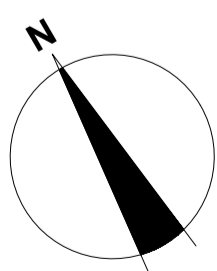
'CATCHMENT E'  
 ROADS = 2,245m<sup>2</sup>  
 ALLOTMENTS = 2,920m<sup>2</sup>  
 RESERVES = 0m<sup>2</sup>  
 TOTAL = 5,165m<sup>2</sup>

'CATCHMENT D'  
 ROADS = 6,423m<sup>2</sup>  
 ALLOTMENTS = 15,574m<sup>2</sup>  
 RESERVES = 0m<sup>2</sup>  
 TOTAL = 21,997m<sup>2</sup>

'CATCHMENT G'  
 ROADS = 1,735m<sup>2</sup>  
 ALLOTMENTS = 3,721m<sup>2</sup>  
 RESERVES = 0m<sup>2</sup>  
 TOTAL = 5,456m<sup>2</sup>

'CATCHMENT F'  
 ROADS = 2,825m<sup>2</sup>  
 ALLOTMENTS = 9,151m<sup>2</sup>  
 RESERVES = 0m<sup>2</sup>  
 TOTAL = 11,976m<sup>2</sup>

'CATCHMENT A'  
 ROADS = 57,786m<sup>2</sup>  
 ALLOTMENTS = 110,005m<sup>2</sup>  
 RESERVES = 4,091m<sup>2</sup>  
 COMMERCIAL = 11,552m<sup>2</sup>  
 TOTAL = 183,434m<sup>2</sup>



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED

CLIENT



Communities Designed for Living

creo CONSULTANTS

Level 7, 176 Wellington Parade  
 East Melbourne, VIC, Australia 3002

PROJECT



DRAWING TITLE

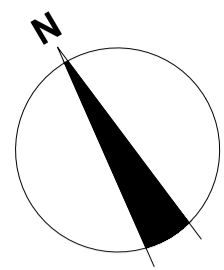
**ALAMORA - STAGE 12  
 Q100 CATCHMENT PLAN**

STATUS

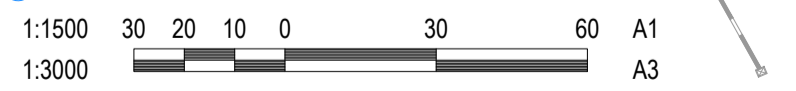
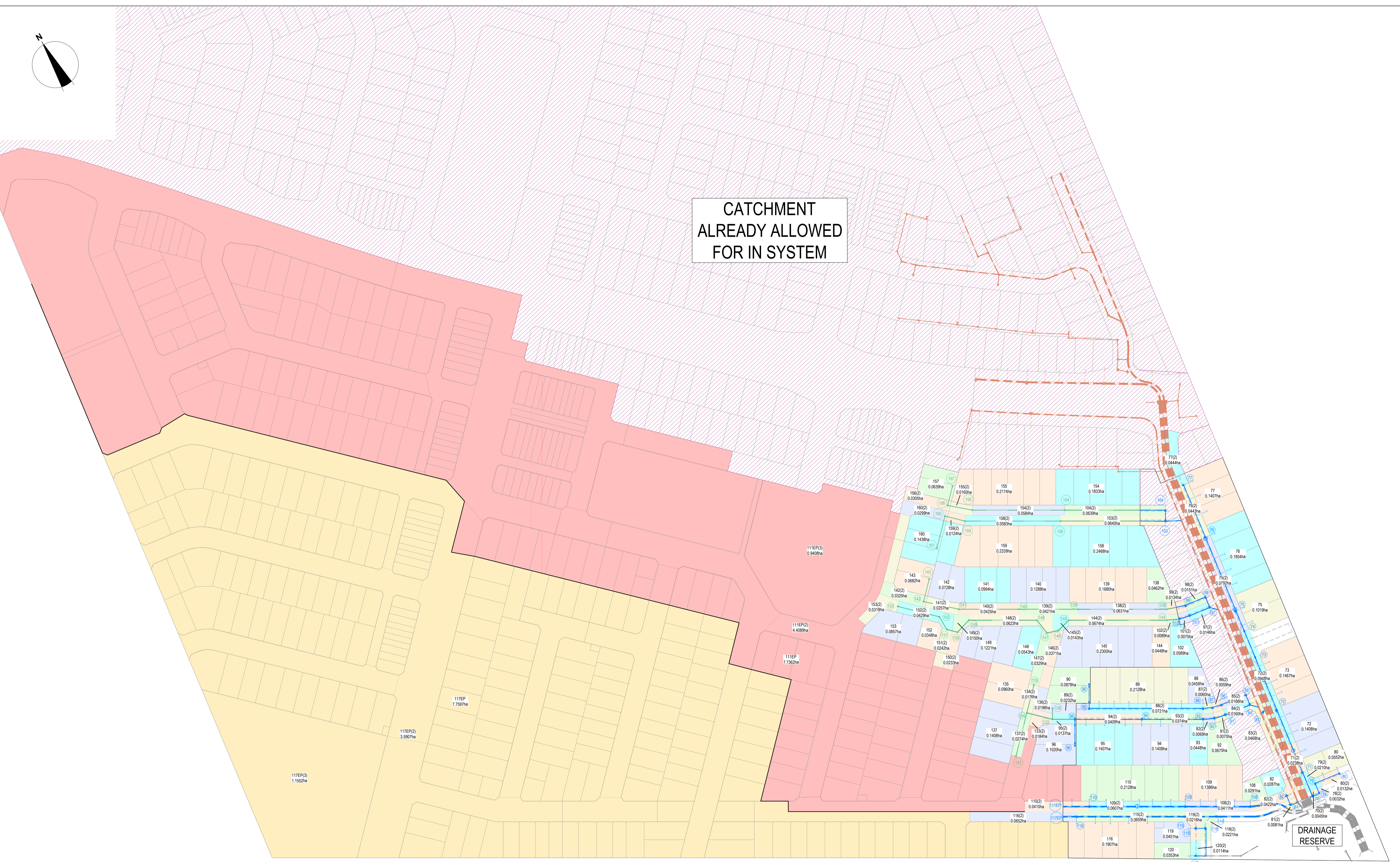
**PRELIMINARY  
 NOT FOR CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
NTS	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	FEBRUARY 2021
PROJECT No.	DRAWING No.	REVISION
<b>200282.12</b>	<b>C100</b>	<b>A</b>





CATCHMENT  
ALREADY ALLOWED  
FOR IN SYSTEM



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED

CLIENT

creo CONSULTANTS

Suite 1, 2 Bloomsbury Street  
Geelong, VIC, Australia 3220

PROJECT

DRAWING TITLE

**ALAMORA - STAGE 12  
Q5 CATCHMENT PLAN**

STATUS

**ISSUED FOR APPROVAL  
NOT FOR CONSTRUCTION**

SCALE AT A1	DRAWN	DESIGNED
1:1500 @ A1	C.ROHDE	C.ROHDE
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
M.TROUNCE	M.TROUNCE	DECEMBER 2022
PROJECT No.	DRAWING No.	REVISION
<b>200282.12</b>	<b>C200</b>	<b>A</b>