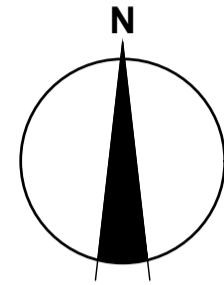


# WEEBAR ROAD, DROUIN

## STAGE 9

### BAW BAW SHIRE COUNCIL - PLA0323/16



**LOCALITY PLAN**  
VIC ROADS REF: 706 F11

## Principal

Bernly Investments Pty Ltd  
PO Box 342  
Berwick, VIC, 3806

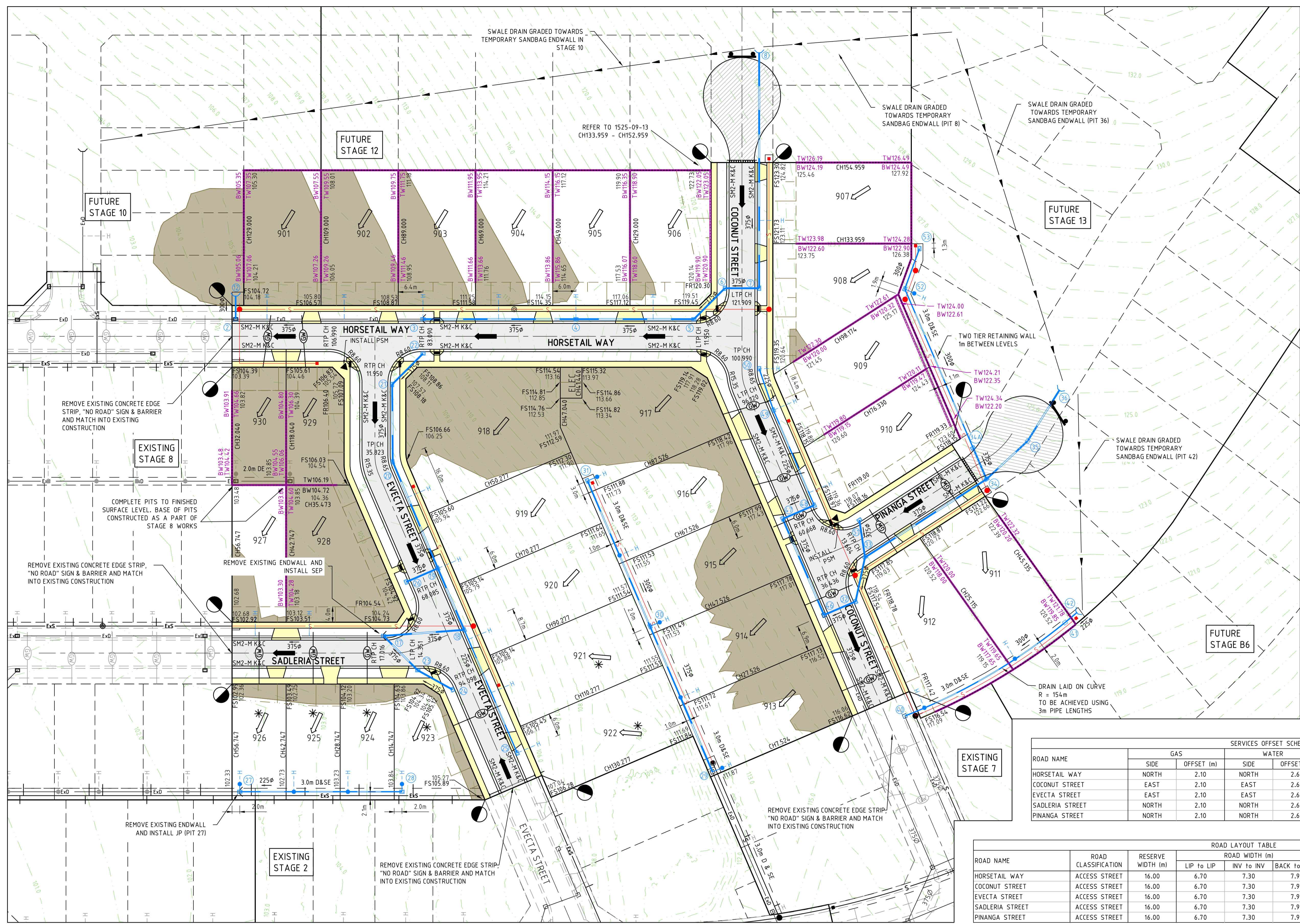
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**LEGEND - LAYOUT PLAN**

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- SERVICE CONDUITS
- TACTILE PAVERS
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING TELSTRA
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
- EXISTING HOUSE DRAIN
- EXISTING SWALE DRAIN
- EXISTING SURFACE LEVEL
- FINISHED BUILDING LINE LEVEL
- FINISHED RIDGE LINE LEVEL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- RETAINING WALL
- ZERO LOT LINES
- PAVEMENT TREATMENT
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- 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
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY
- PROPOSED LIGHTPOLE

**WARNING**  
**BEWARE OF UNDERGROUND SERVICES**  
 The locations of underground services are approximate only and 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

**SERVICES OFFSET SCHEDULE**

ROAD NAME	GAS		WATER		ELECTRICITY		TELSTRA	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)
HORSETAIL WAY	NORTH	2.10	NORTH	2.60	SOUTH	2.30	SOUTH	1.80
COCONUT STREET	EAST	2.10	EAST	2.60	WEST	2.30	WEST	1.80
EVECTA STREET	EAST	2.10	EAST	2.60	WEST	2.30	WEST	1.80
SADLERIA STREET	NORTH	2.10	NORTH	2.60	SOUTH	2.30	SOUTH	1.80
PINANGA STREET	NORTH	2.10	NORTH	2.60	SOUTH	2.30	SOUTH	1.80

**ROAD LAYOUT TABLE**

ROAD NAME	ROAD CLASSIFICATION	RESERVE WIDTH (m)	ROAD WIDTH (m)				KERB TYPE		VERGE WIDTH (m)	
			LIP to LIP	INV to INV	BACK to BACK	NTH/WEST	STH/EAST	NTH/WEST	STH/EAST	
HORSETAIL WAY	ACCESS STREET	16.00	6.70	7.30	7.90	SM2-M	SM2-M	4.05	4.05	
COCONUT STREET	ACCESS STREET	16.00	6.70	7.30	7.90	SM2-M	SM2-M	4.05	4.05	
EVECTA STREET	ACCESS STREET	16.00	6.70	7.30	7.90	SM2-M	SM2-M	4.05	4.05	
SADLERIA STREET	ACCESS STREET	16.00	6.70	7.30	7.90	SM2-M	SM2-M	4.05	4.05	
PINANGA STREET	ACCESS STREET	16.00	6.70	7.30	7.90	SM2-M	SM2-M	4.05	4.05	

REVISION	DATE	DES/DF	APPO
A INITIAL ISSUE	25.07.19	AC	KT

Designed  
A.Cantwell

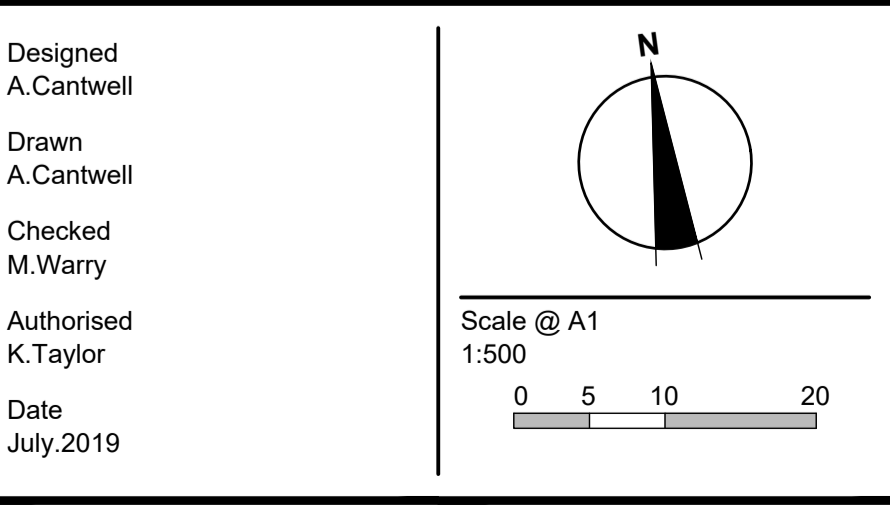
Drawn  
A.Cantwell

Checked  
M.Warry

Authorised  
K.Taylor

Date  
July 2019

Principal  
Bernly Investments Pty Ltd  
PO Box 342  
Berwick, VIC, 3806



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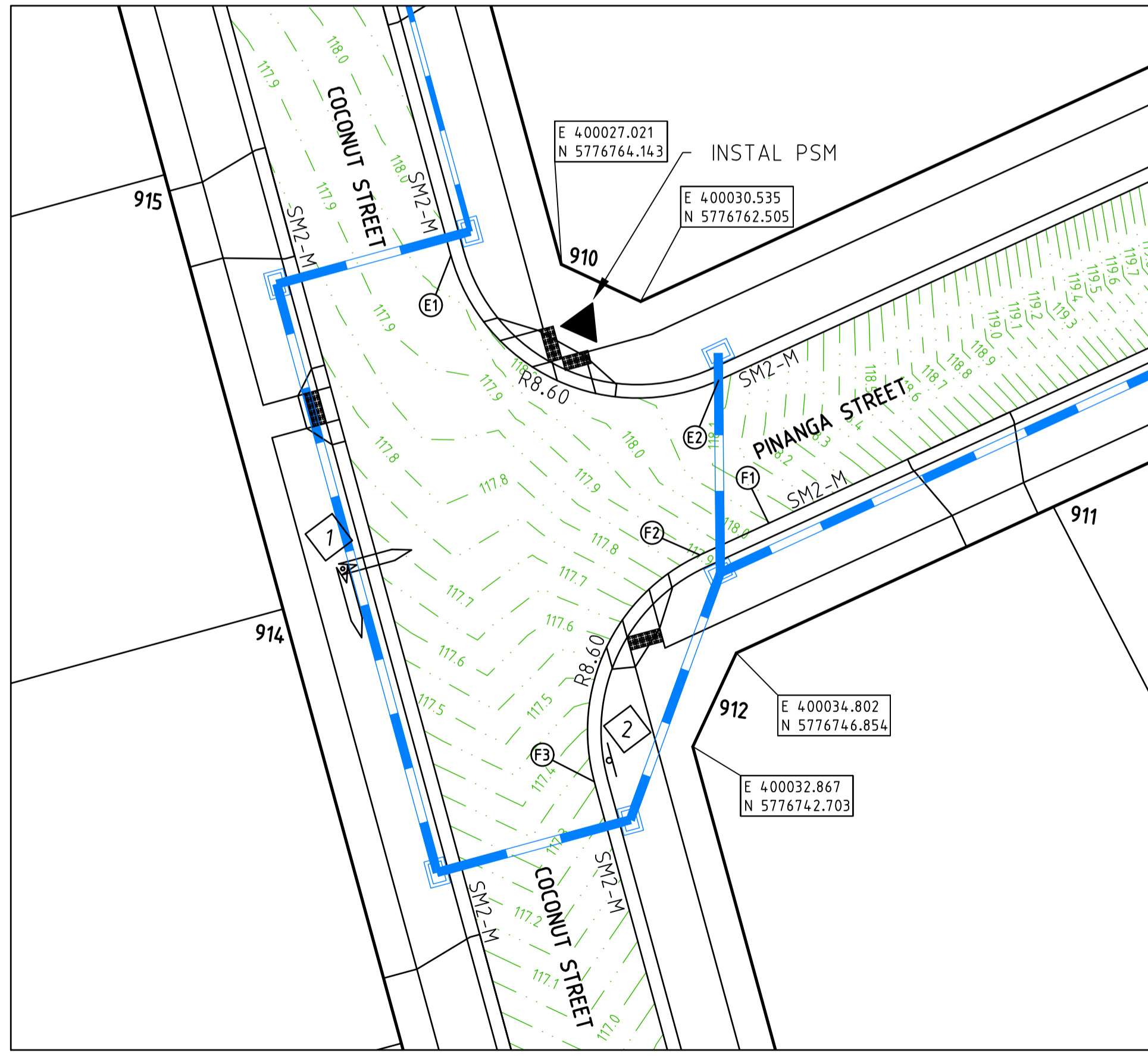
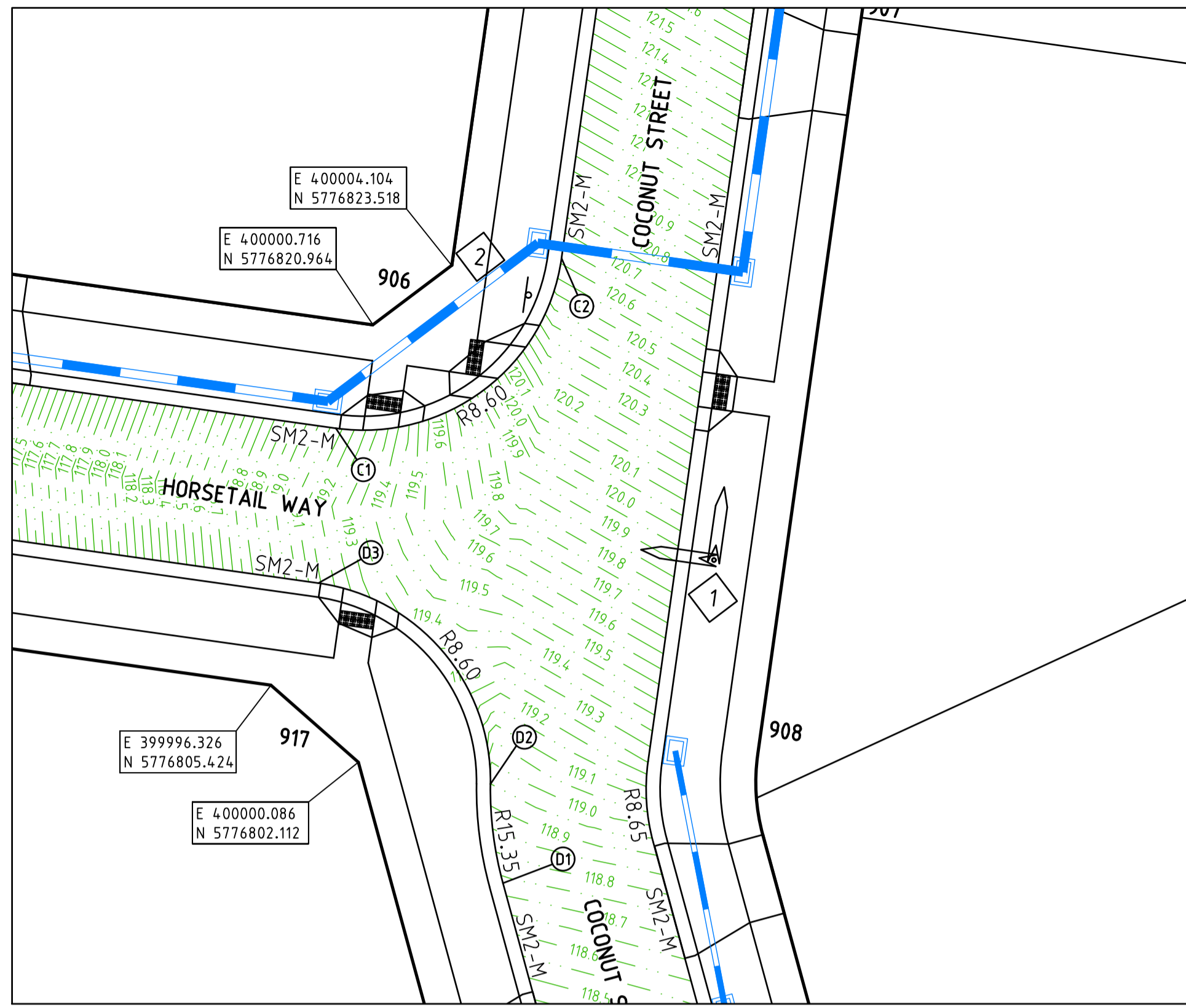
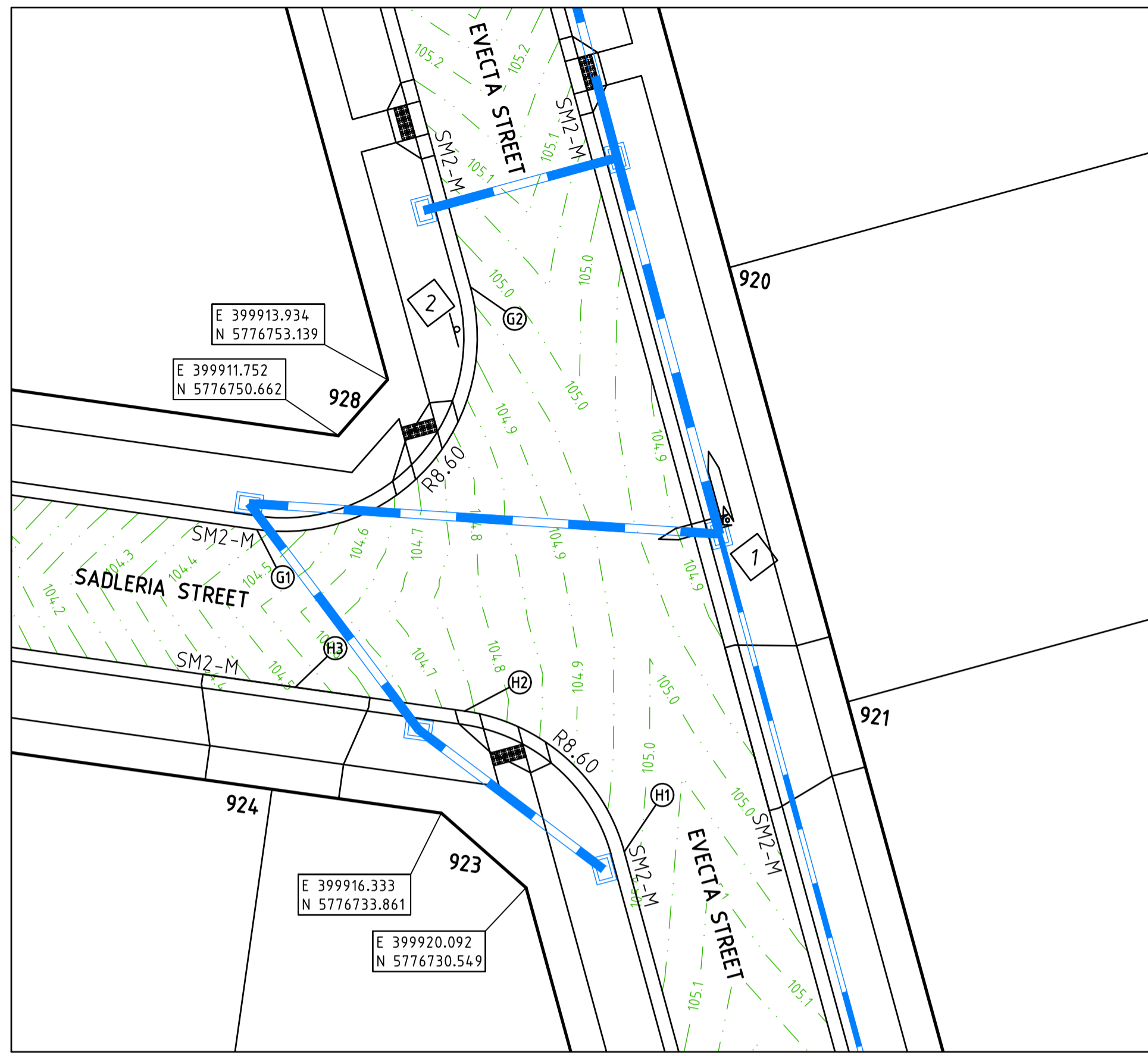
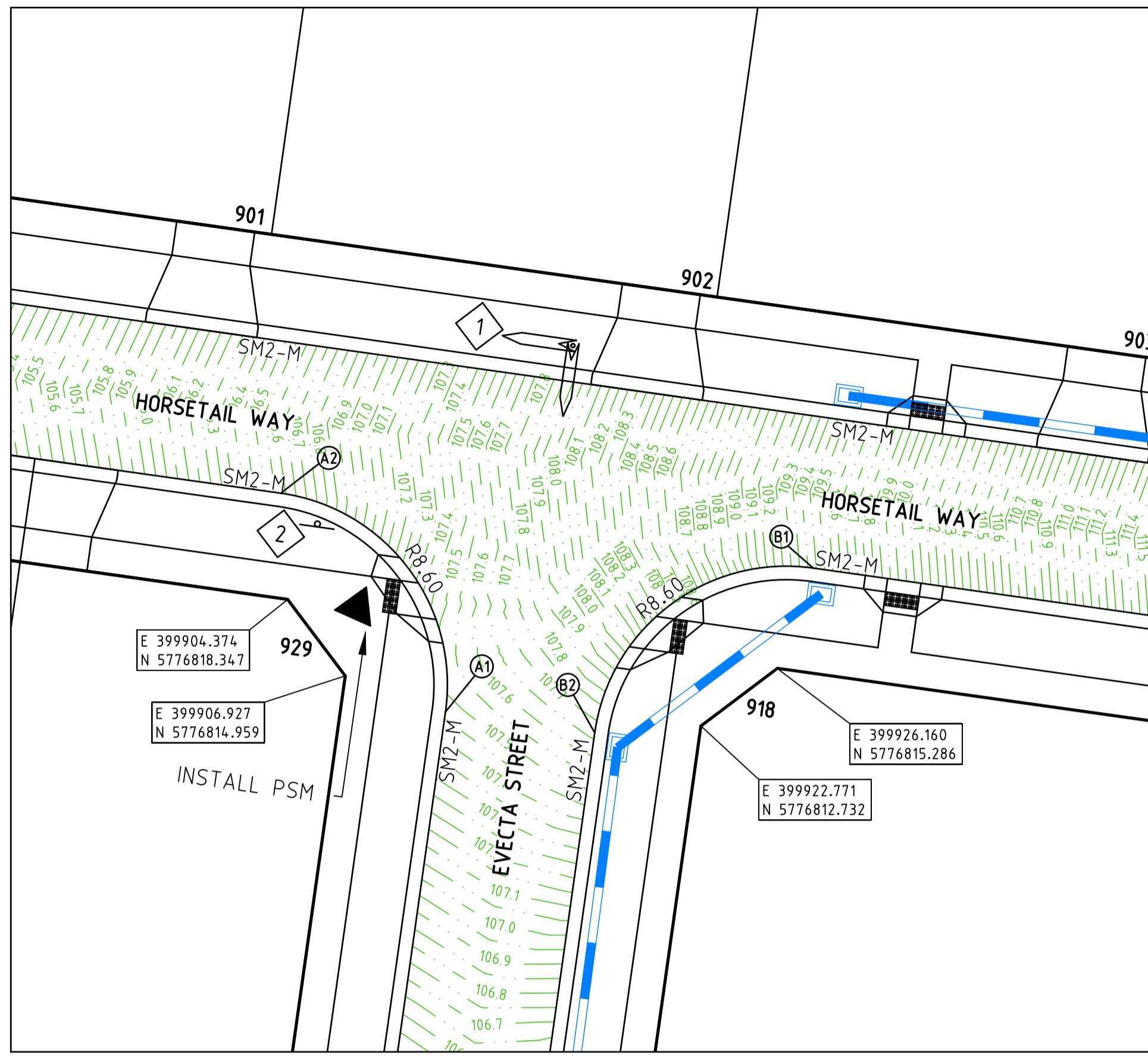
**WEBBAR ROAD, DROUIN**  
 Stage 9  
 Baw Baw Shire Council - PLA0323/16  
 Roadworks and Drainage  
 Layout Plan

Drawing No. 1525-09-02 Rev A  
 Sheet No. 02 of 24

**FOR APPROVAL**

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**SIGN SCHEDULE**

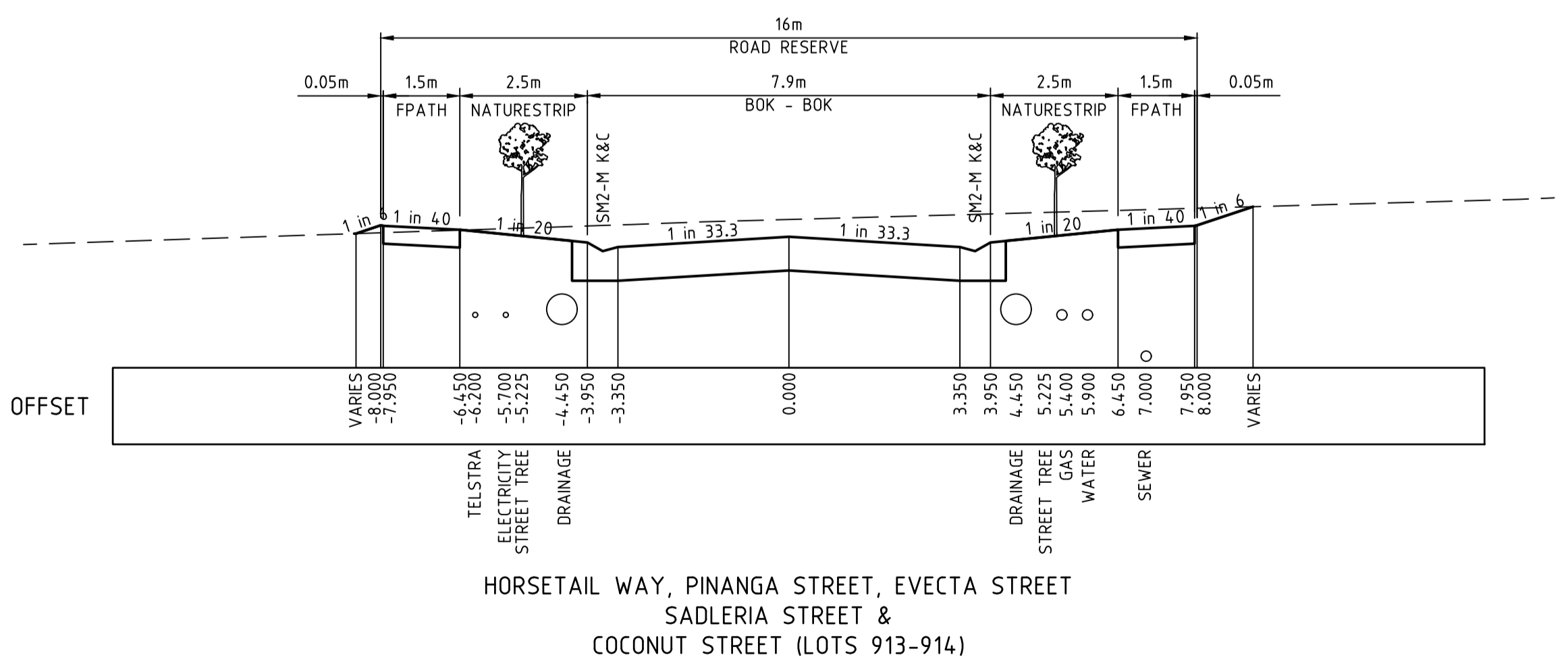
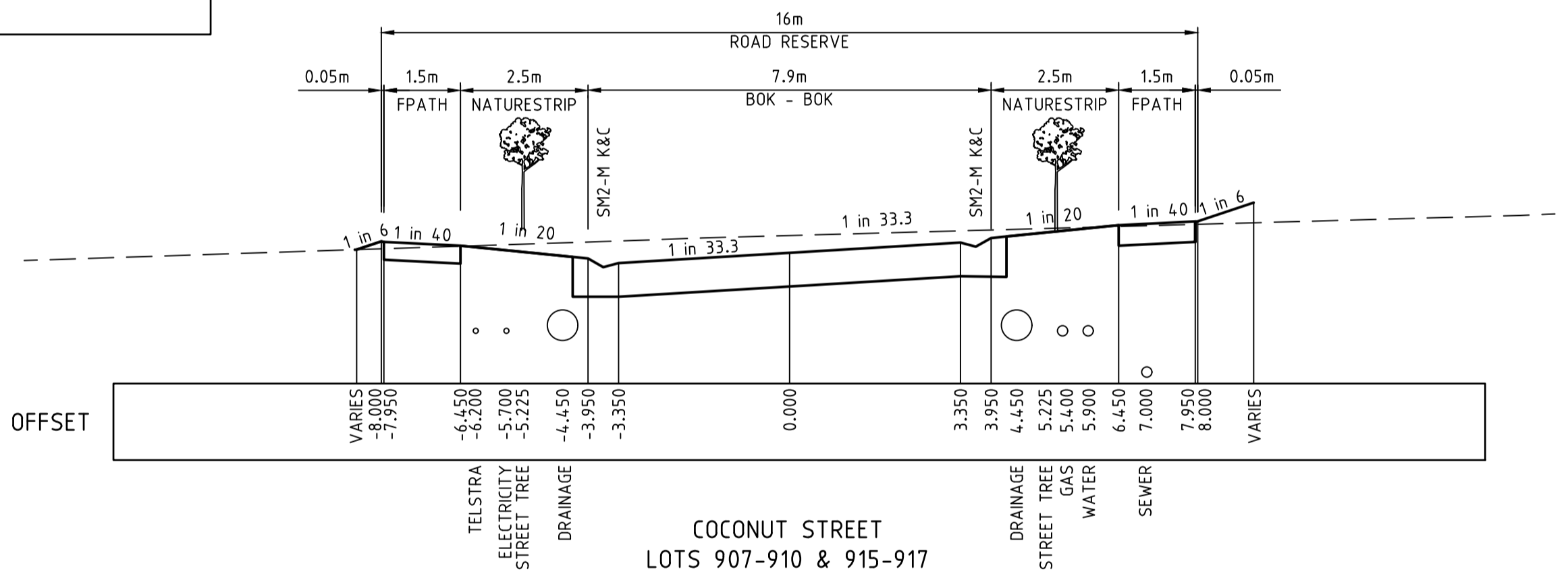
SIGN	REF
	1
STREET SIGN	
	2
	R1-2

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**LEGEND - INTERSECTION PLAN**

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- TACTILE PAVERS
- EXISTING HOUSE DRAIN
- RETAINING WALL
- PAVEMENT TREATMENT
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN
- "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY

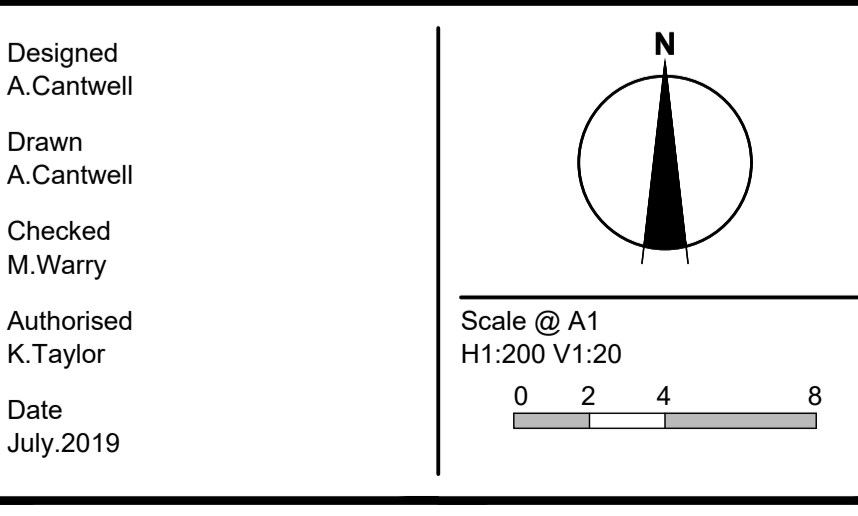
- NOTES**
- REFER TO SHEET No. 1525-09-04 FOR LIP PROFILES.
  - REFER TO SHEET No. 1525-09-05 FOR SETOUT INFORMATION.
  - 90° BENDS TO HAVE CENTRELINE MARKING WITH RPPM'S AT MAX 6m SPACING.



REVISION	DATE	DES/DF	APPD
A INITIAL ISSUE	25.07.19	AC	KT

Principal  
 Bernly Investments Pty Ltd  
 PO Box 342  
 Berwick, VIC, 3806

Designed  
 A.Cantwell  
 Drawn  
 A.Cantwell  
 Checked  
 M.Warry  
 Authorised  
 K.Taylor  
 Date  
 July.2019

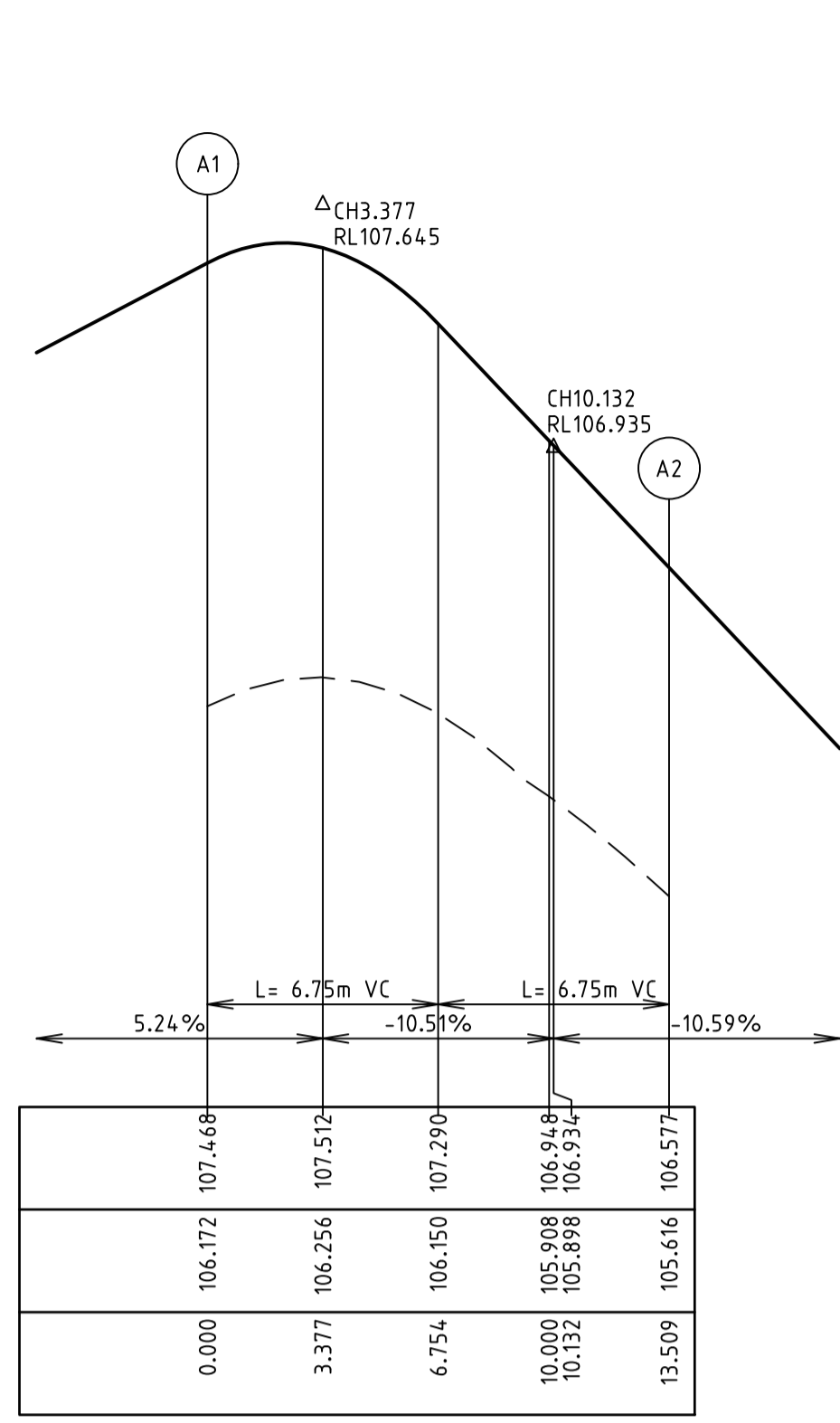


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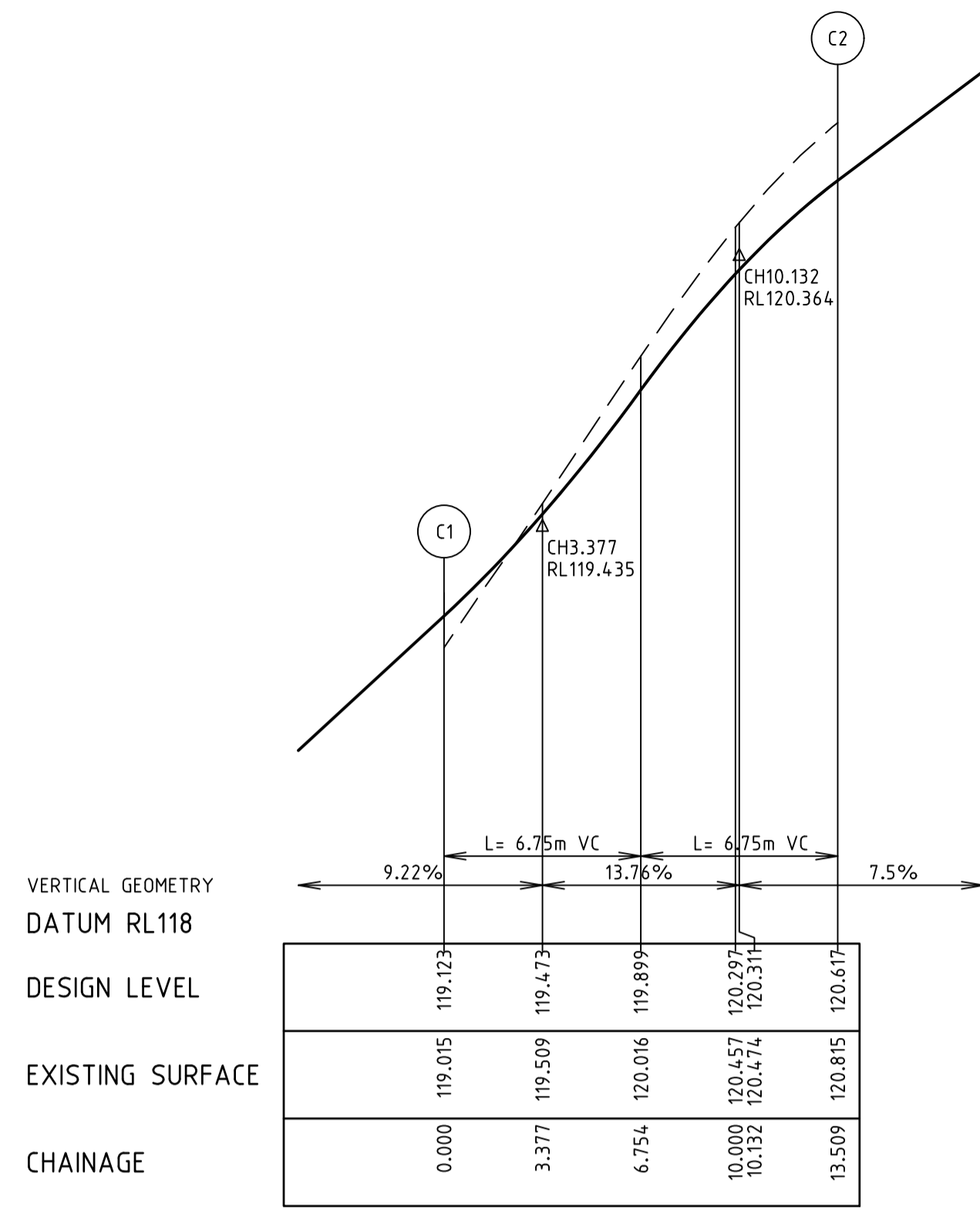
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**WEBBAR ROAD, DROUIN**  
 Stage 9  
 Baw Baw Shire Council - PLA0323/16  
 Roadworks and Drainage  
 Intersection Plan & Typical Cross Section  
**Drawing No. 1525-09-03** **Rev A**  
 Sheet No. 03 of 24  
**FOR APPROVAL**

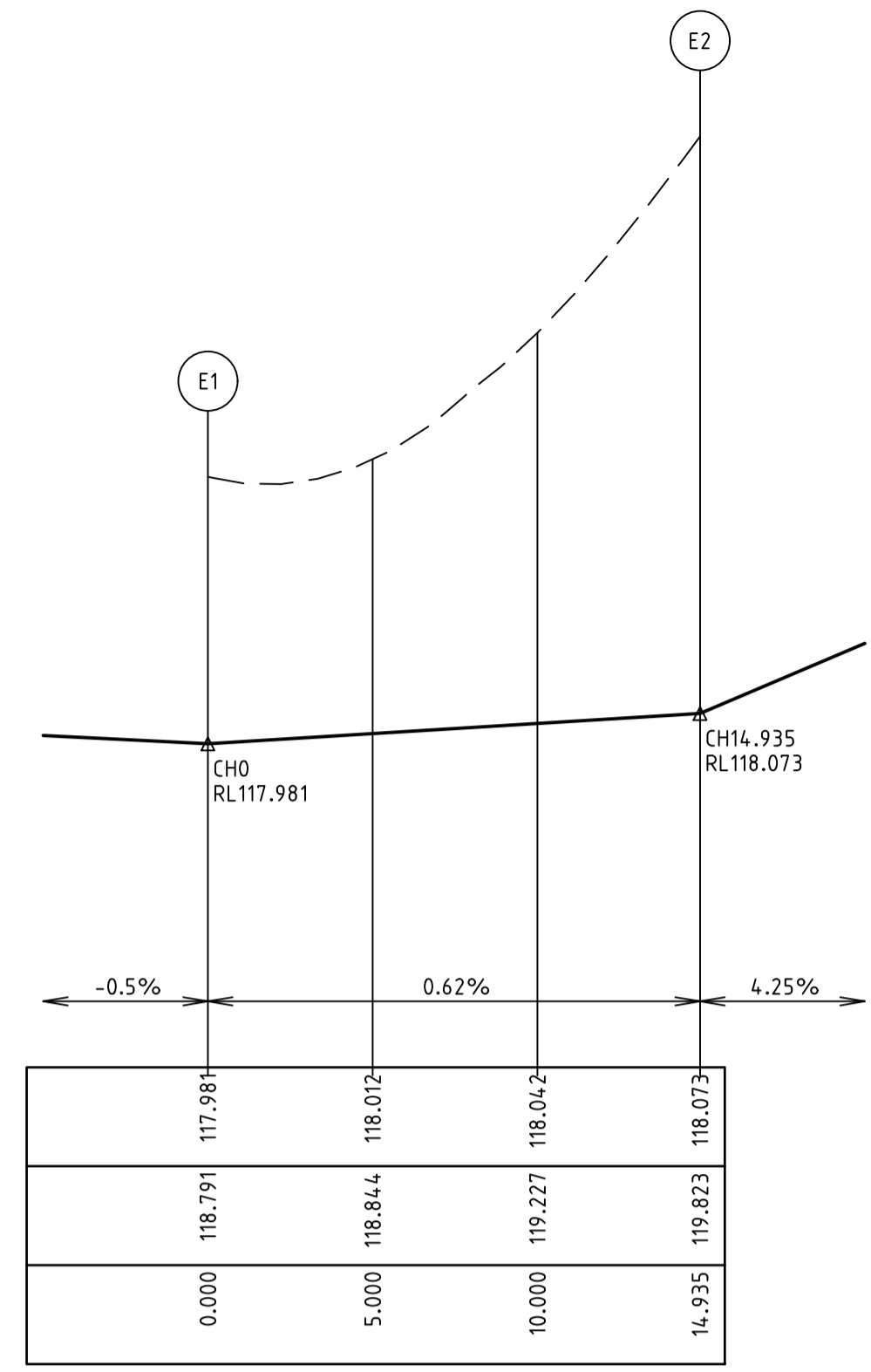




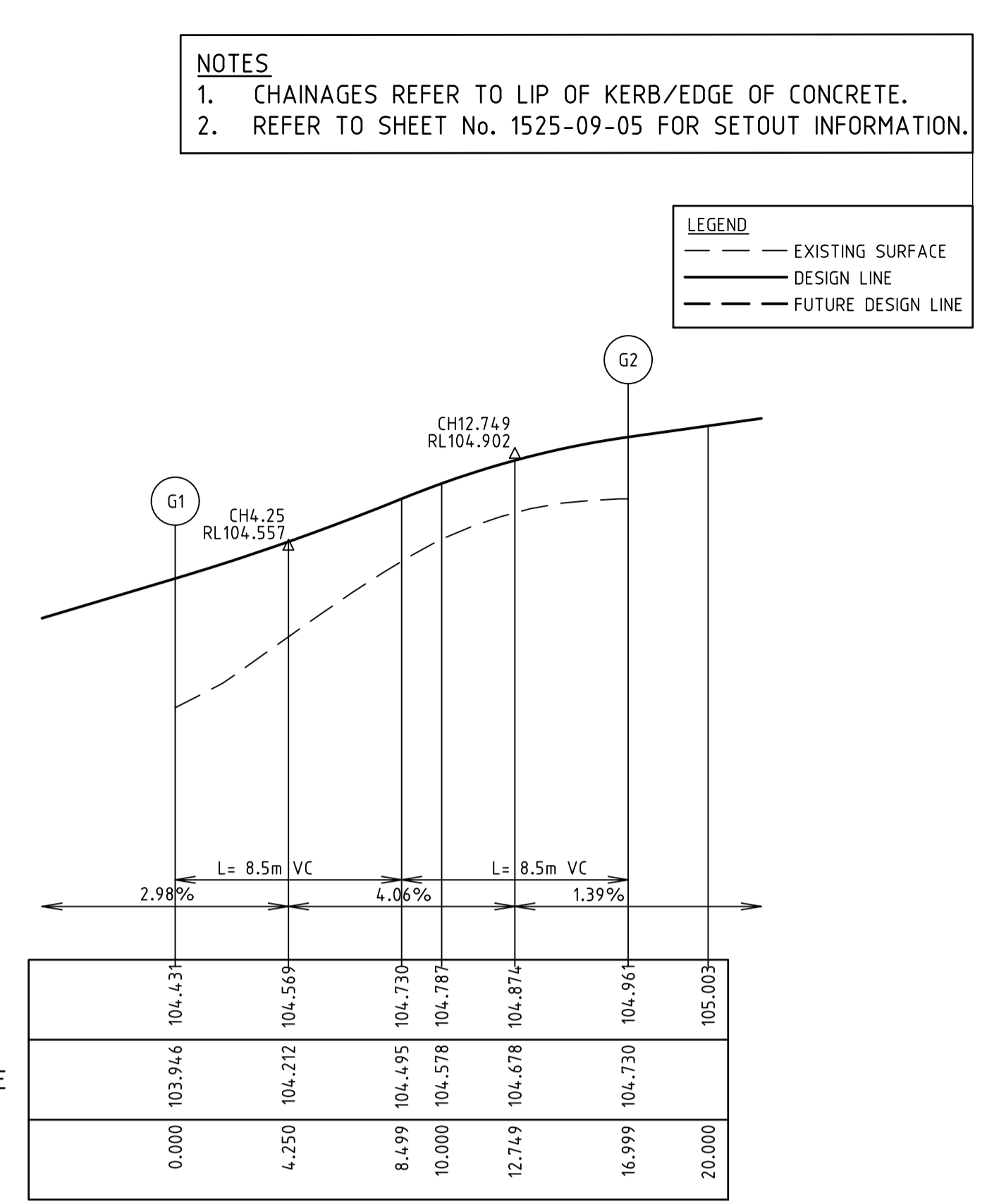
LIP LINE A



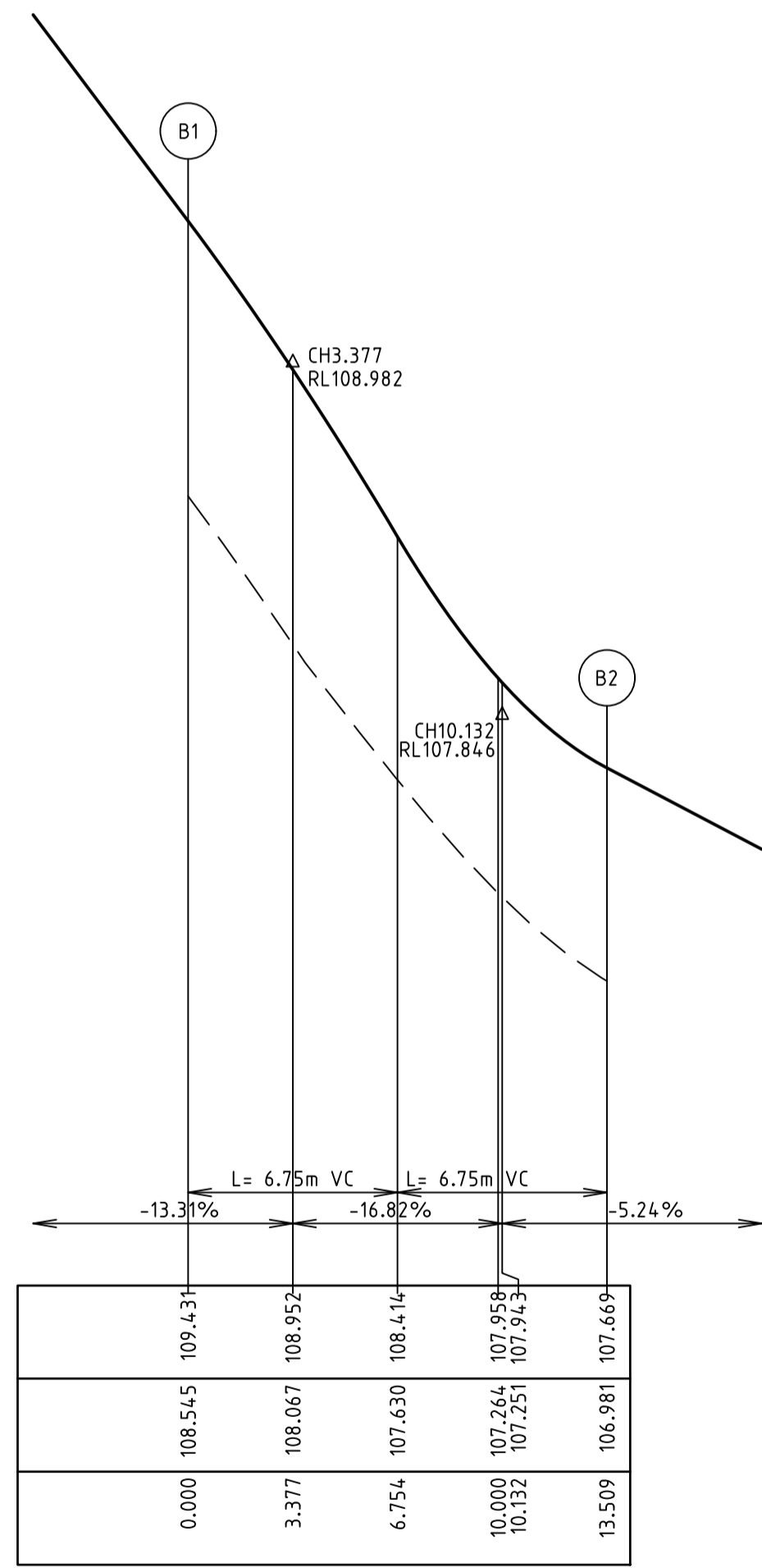
LIP LINE C



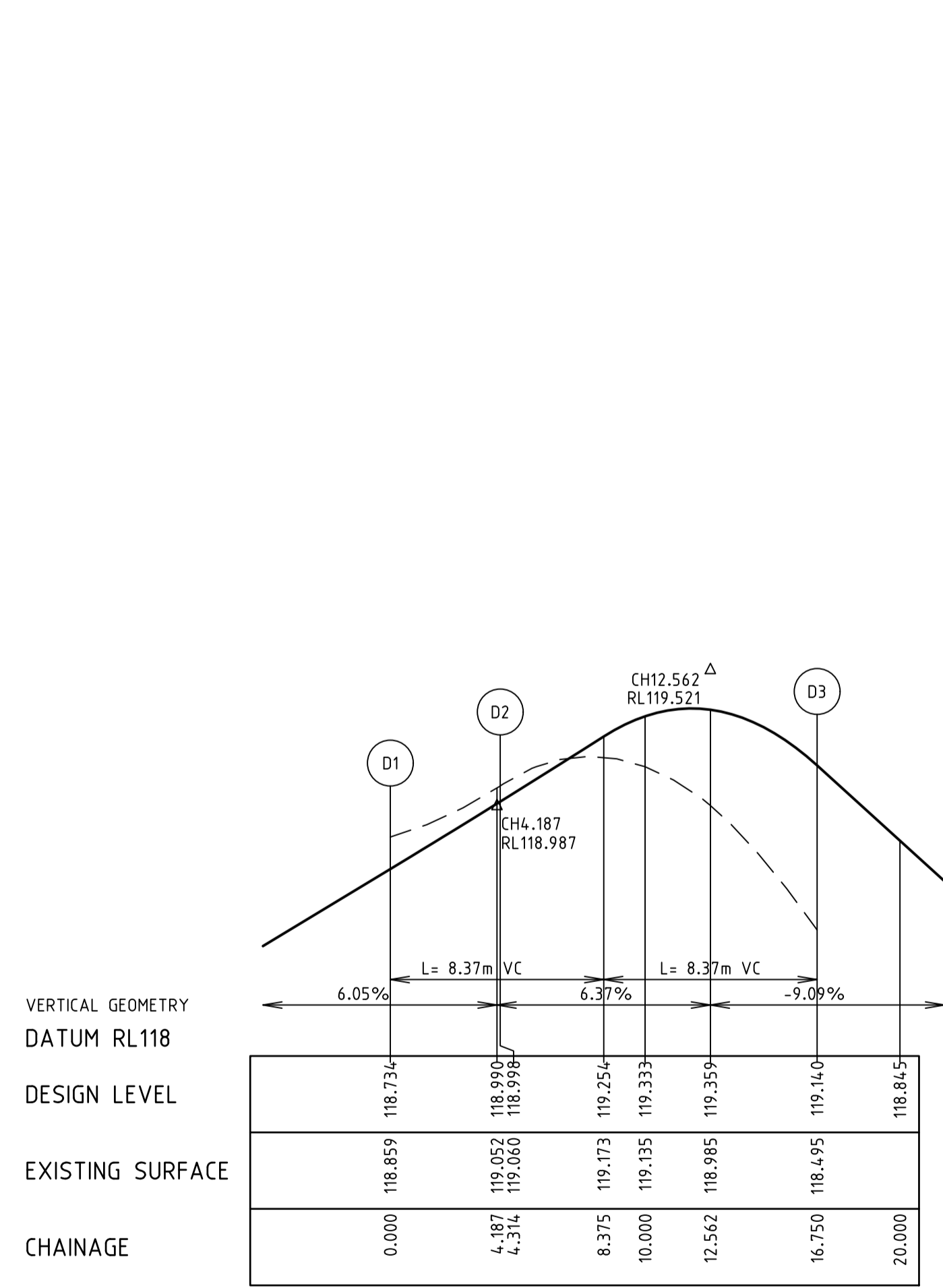
LIP LINE E



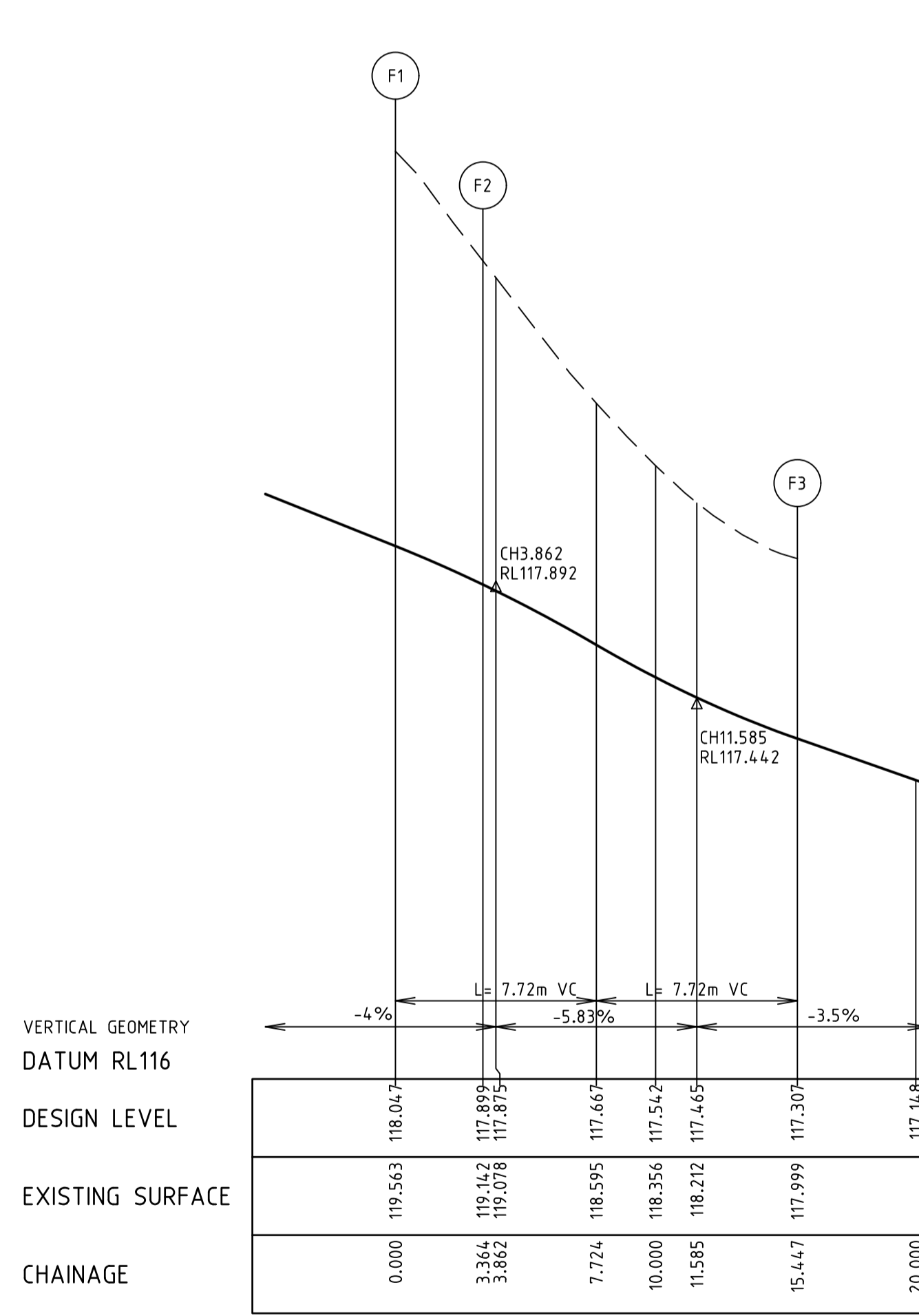
LIP LINE G



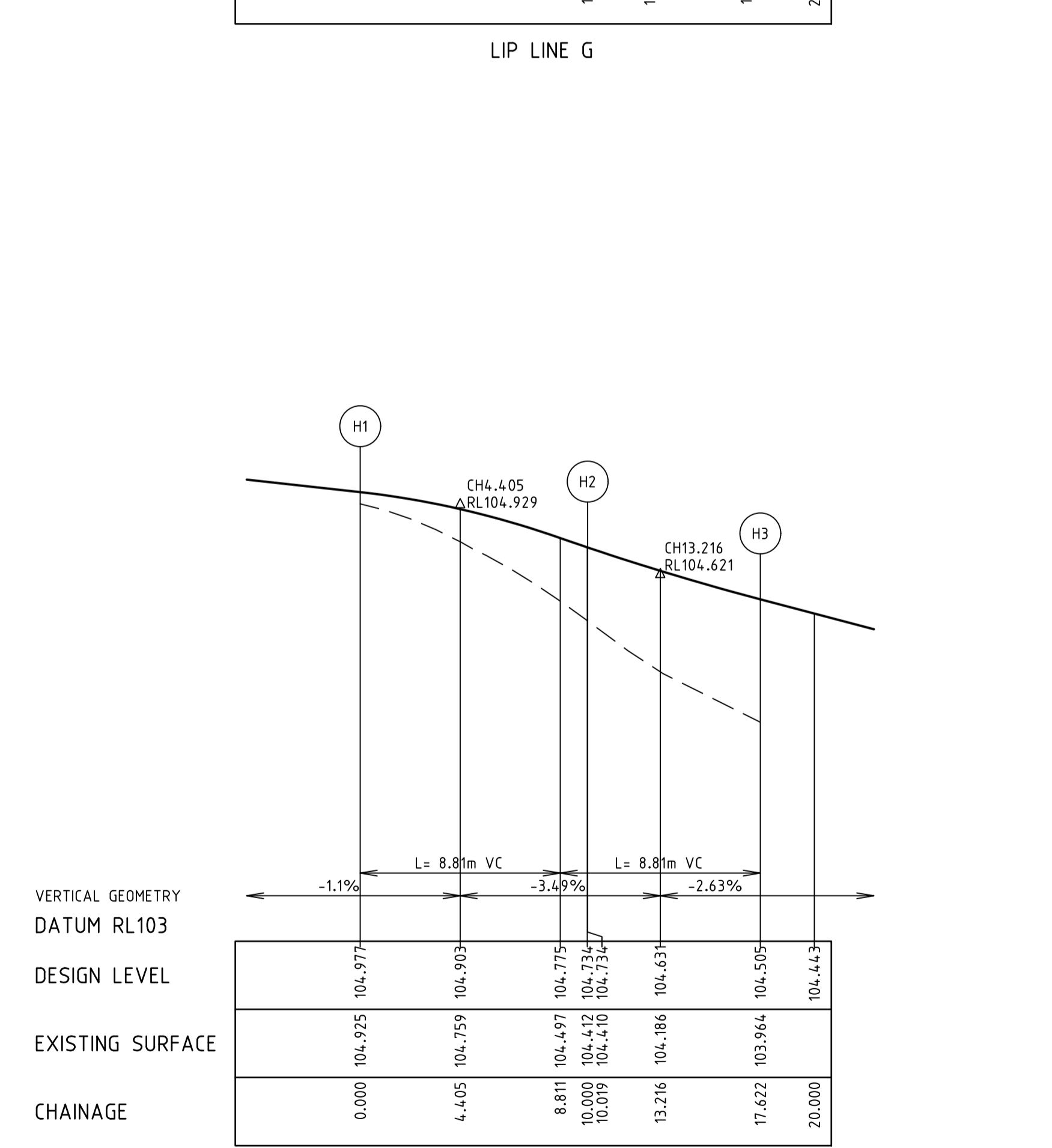
LIP LINE B



LIP LINE D



LIP LINE F



LIP LINE H

**NOTES**  
 1. CHAINAGES REFER TO LIP OF KERB/EDGE OF CONCRETE.  
 2. REFER TO SHEET No. 1525-09-05 FOR SETOUT INFORMATION.

**LEGEND**  
 --- EXISTING SURFACE  
 --- DESIGN LINE  
 --- FUTURE DESIGN LINE

REVISION	DATE	DES/DFE	APPRO
A	25.07.19	AC	KT

Principal  
 Bernly Investments Pty Ltd  
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**WEBAR ROAD, DROUIN**  
 Stage 9  
 Baw Baw Shire Council - PLA0323/16  
 Roadworks and Drainage  
 Lip Profiles

Drawing No. 1525-09-04 Rev A  
 Sheet No. 04 of 24

**FOR APPROVAL**



**HORSETAIL WAY DESIGN LINE**

CHAINAGE	EASTING	NORTHING	BEARING
-0.000	400010.495	5776811.511	278°00'01"
100.000	399911.469	5776825.429	278°00'01"
182.040	399830.227	5776836.847	278°00'01"

**EVECTA STREET DESIGN LINE**

CHAINAGE	EASTING	NORTHING	BEARING
0.000	399916.380	5776824.739	188°00'01"
30.953	399912.072	5776794.087	188°00'01"
33.333	399911.976	5776791.712	176°38'10"
35.823	399912.378	5776789.260	164°44'60"
100.000	399929.259	5776727.343	164°45'00"
175.277	399949.059	5776654.716	164°45'00"

**COCONUT STREET DESIGN LINE**

CHAINAGE	EASTING	NORTHING	BEARING
-50.000	400047.987	5776656.827	344°44'60"
0.000	400034.835	5776705.067	344°44'60"
96.120	400009.553	5776797.802	344°44'60"
96.970	400009.359	5776798.629	348°48'22"
100.000	400009.150	5776801.644	3°16'29"
100.990	400009.247	5776802.629	8°00'01"
200.000	400023.027	5776900.676	8°00'01"
291.701	400035.789	5776991.484	8°00'01"

**PINANGA STREET DESIGN LINE**

CHAINAGE	EASTING	NORTHING	BEARING
-0.000	400022.065	5776751.909	74°45'00"
9.995	400031.708	5776754.538	74°45'00"
12.000	400033.612	5776755.162	69°00'19"
13.311	400034.820	5776755.671	65°14'60"
51.273	400069.295	5776771.564	65°14'60"
52.000	400069.950	5776771.881	63°10'02"
56.000	400073.315	5776774.030	51°42'29"
60.000	400076.187	5776776.805	40°14'56"
60.087	400076.263	5776776.871	40°00'00"
100.000	400101.898	5776807.447	40°00'00"
119.314	400114.313	5776822.242	40°00'00"
123.677	400117.260	5776825.458	44°59'60"
170.764	400150.556	5776858.753	44°59'60"

**SADLERIA STREET DESIGN LINE**

CHAINAGE	EASTING	NORTHING	BEARING
0.000	399924.285	5776745.585	254°44'60"
9.481	399915.138	5776743.091	254°44'60"
12.121	399912.535	5776742.682	267°21'17"
14.351	399910.311	5776742.786	278°00'01"
100.000	399825.495	5776754.706	278°00'01"
106.747	399818.814	5776755.645	278°00'01"

**ALIGNMENT A**

POINT NO	EASTING	NORTHING	RL
A1	399911.400	5776813.371	107.468
A2	399904.080	5776823.084	106.577

CURVE NO	I	Y	RADIUS	ARC	MID POINT	RL
B	X	Y	L	A		
A1 - A2	90.000	8.600	13.509	2.519		
1.864	3.291	2.790	3.377	107.290		

**ALIGNMENT B**

POINT NO	EASTING	NORTHING	RL
B1	399927.748	5776819.758	109.431
B2	399918.034	5776812.439	107.669

CURVE NO	I	Y	RADIUS	ARC	MID POINT	RL
B	X	Y	L	A		
B1 - B2	90.000	8.600	13.509	2.519		
1.864	3.291	2.790	3.377	108.414		

**ALIGNMENT C**

POINT NO	EASTING	NORTHING	RL
C1	399999.128	5776816.492	119.123
C2	400008.841	5776823.811	120.617

CURVE NO	I	Y	RADIUS	ARC	MID POINT	RL
B	X	Y	L	A		
C1 - C2	90.000	8.600	13.509	2.519		
1.864	3.291	2.790	3.377	119.899		

**ALIGNMENT D**

POINT NO	EASTING	NORTHING	RL
D1	400006.321	5776796.921	118.734
D2	400005.782	5776801.187	118.998
D3	399998.380	5776809.831	119.140

CURVE NO	I	Y	RADIUS	ARC	MID POINT	RL
B	X	Y	L	A		
D1 - D2	16.103	15.349	4.314	0.151		
0.113	1.078	1.072	1.078	118.865		
D2 - D3	82.852	8.600	12.436	2.152		
1.596	3.042	2.648	3.109	119.348		

**ALIGNMENT E**

POINT NO	EASTING	NORTHING	RL
E1	400022.097	5776764.527	117.981
E2	400033.995	5776758.979	118.073

CURVE NO	I	Y	RADIUS	ARC	MID POINT	RL
B	X	Y	L	A		
E1 - E2	99.500	8.600	14.935	3.043		
2.245	3.618	2.946	3.734	118.027		

**ALIGNMENT F**

POINT NO	EASTING	NORTHING	RL
F1	400036.223	5776752.629	118.047
F2	400033.167	5776751.220	117.899
F3	400028.471	5776741.148	117.307

CURVE NO	I	Y	RADIUS	ARC	MID POINT	RL
B	X	Y	L	A		
F2 - F3	80.500	8.600	12.083	2.036		
1.511	2.959	2.598	3.021	117.573		

**ALIGNMENT G**

POINT NO	EASTING	NORTHING	RL
G1	399908.138	5776746.474	104.431
G2	399917.632	5776757.252	104.961

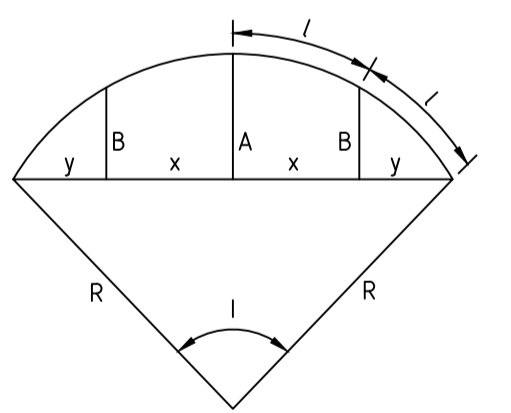
CURVE NO	I	Y	RADIUS	ARC	MID POINT	RL
B	X	Y	L	A		
G1 - G2	113.250	8.600	16.999	3.869		
2.840	4.079	3.103	4.250	104.730		

**ALIGNMENT H**

POINT NO	EASTING	NORTHING	RL
H1	399924.474	5776732.156	104.977
H2	399917.374	5776738.410	104.734
H3	399909.845	5776739.468	104.505

CURVE NO	I	Y	RADIUS	ARC	MID POINT	RL
B	X	Y	L	A		
H1 - H2	66.750	8.600	10.019	1.418		
1.056	2.469	2.261	2.505	104.888		



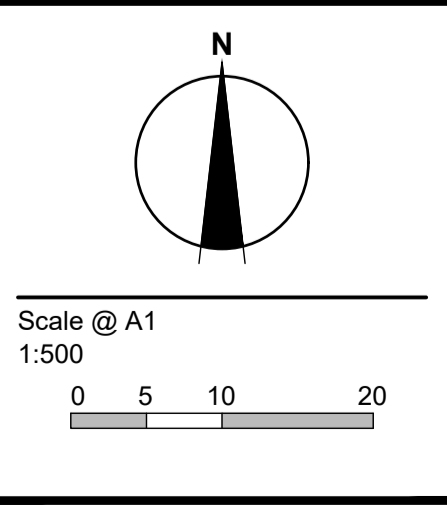
**NOTES**  
 1. SETOUT CO-ORDINATES REFER TO LIP OF KERB/EDGE OF CONCRETE.  
 2. REFER TO SHEET No. 1525-09-04 FOR LIP PROFILES.

I:\work\1525 - weebar rd.dwg (1525-09-04) (1525-09-04)

REVISION	DATE	DES/DF	APPD
A	25.07.19	AC	KT

Principal  
 Bernly Investments Pty Ltd  
 PO Box 342  
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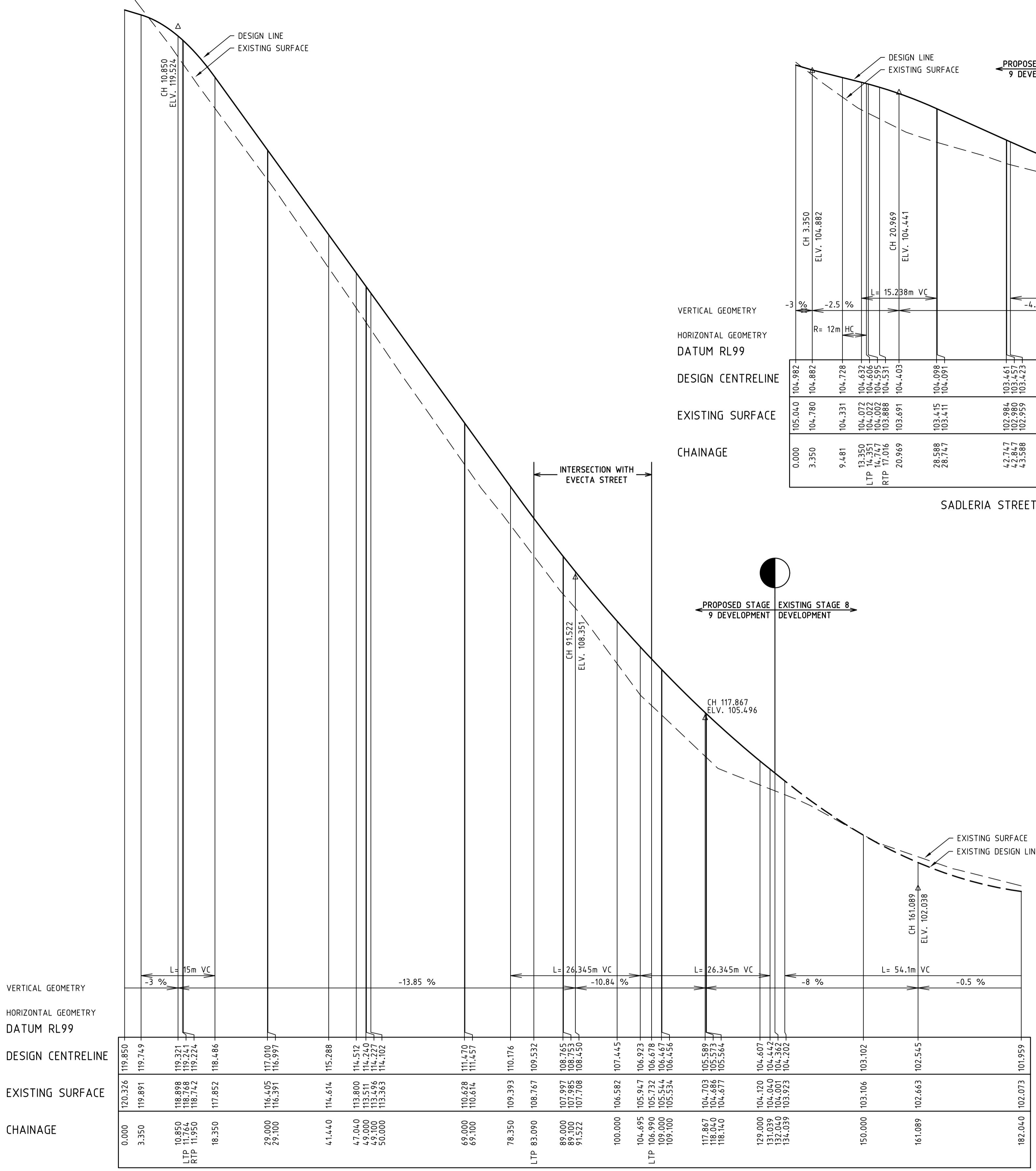
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**WEBBAR ROAD, DROUIN**  
 Stage 9  
 Baw Baw Shire Council - PLA0323/16  
 Roadworks and Drainage  
 Setout Information  
**Drawing No. 1525-09-05** **Rev A**  
 Sheet No. 05 of 24  
**FOR APPROVAL**



---	EXISTING SURFACE
---	DESIGN LINE
---	FUTURE DESIGN LINE

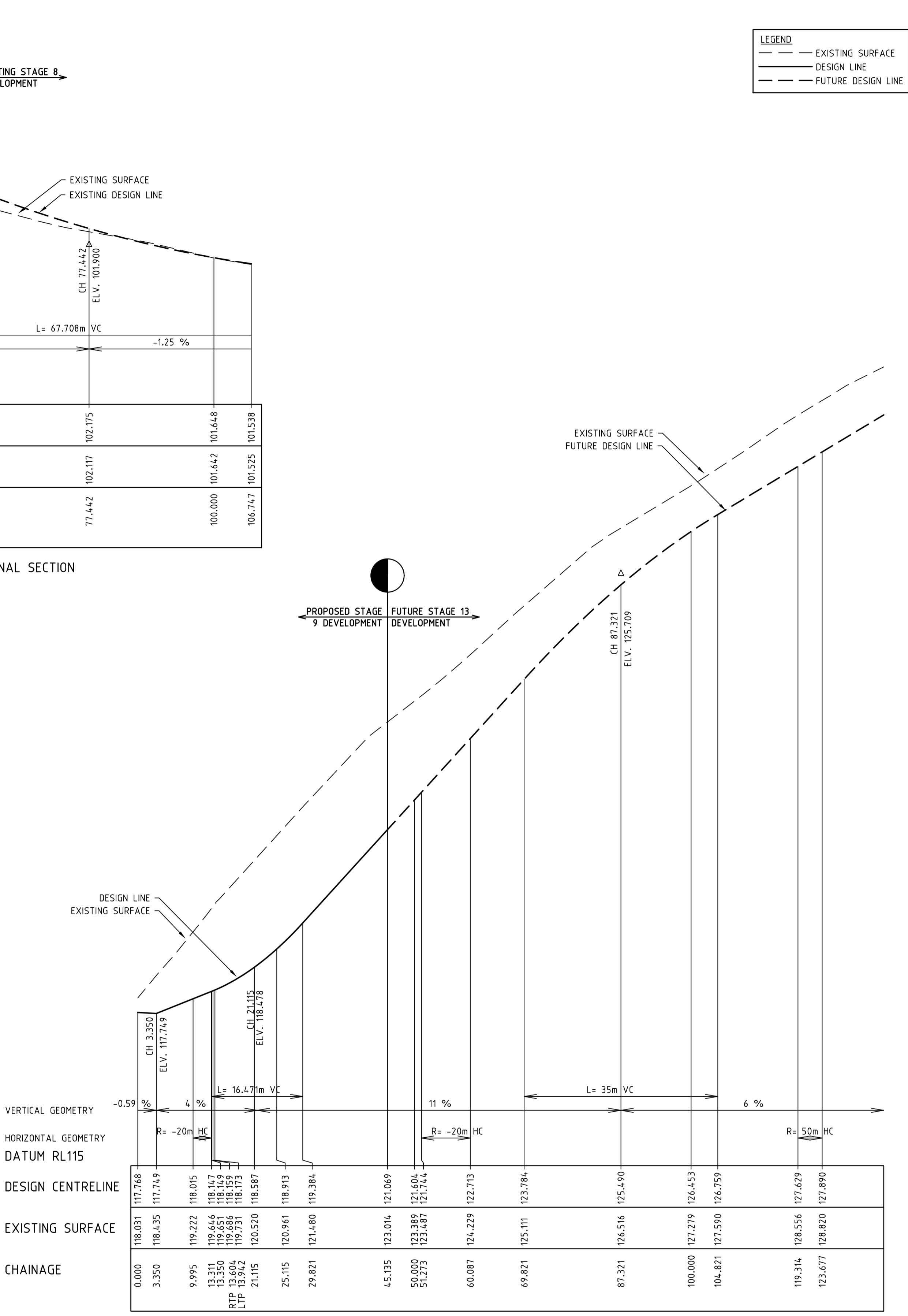


VERTICAL GEOMETRY	-3 %	-2.5 %	-4.5 %	-1.25 %
HORIZONTAL GEOMETRY	R= 12m HC	L= 15.238m VC	L= 67.708m VC	
DATUM RL99				
DESIGN CENTRELINE	104.982	104.728	104.403	104.098
EXISTING SURFACE	105.040	104.331	103.691	103.411
CHAINAGE	0.000	9.481	20.969	88.411

SADLERIA STREET LONGITUDINAL SECTION

HORSETAIL WAY LONGITUDINAL SECTION

VERTICAL GEOMETRY  
HORIZONTAL GEOMETRY  
DATUM RL99  
DESIGN CENTRELINE  
EXISTING SURFACE  
CHAINAGE



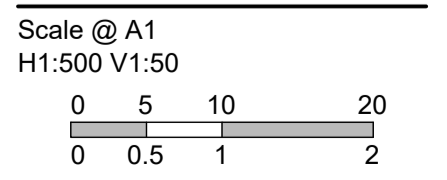
VERTICAL GEOMETRY	-0.59 %	4 %	11 %	6 %
HORIZONTAL GEOMETRY	R= -20m HC	L= 16.47m VC	L= 35m VC	R= 50m HC
DATUM RL115				
DESIGN CENTRELINE	117.768	118.015	121.069	123.784
EXISTING SURFACE	118.435	119.651	121.604	125.111
CHAINAGE	0.000	9.995	21.115	56.821

PINANGA STREET LONGITUDINAL SECTION

REVISION	DATE	DES/DF	APPO
A	25.07.19	AC	KT

Principal  
Bernly Investments Pty Ltd  
PO Box 342  
Berwick, VIC, 3806

Designed  
A.Cantwell  
Drawn  
A.Cantwell  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
July 2019



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WEEBAR ROAD, DROUIN  
Stage 9  
Baw Baw Shire Council - PLA0323/16  
Roadworks and Drainage  
Longitudinal Sections - 1

Drawing No. 1525-09-06  
Sheet No. 06 of 24

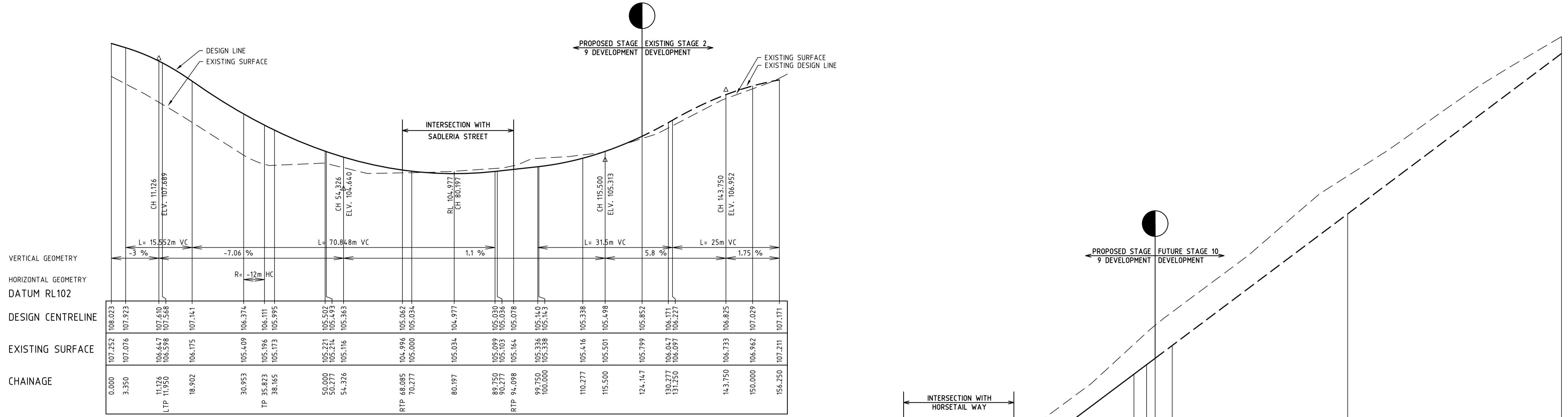
Rev A

FOR APPROVAL

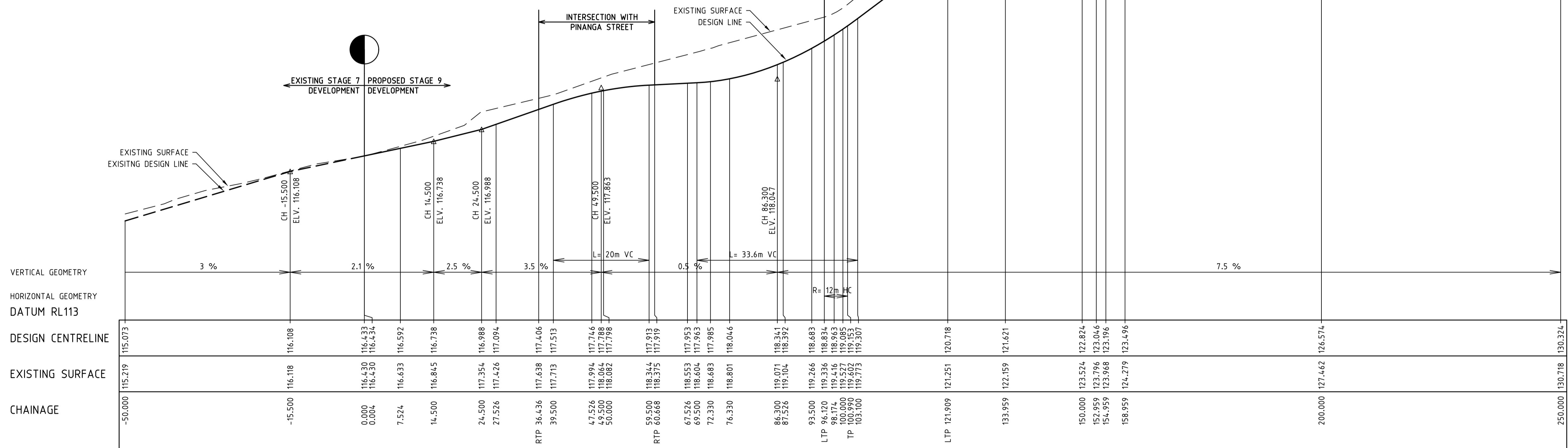
I:\work\1525 - weebar rd drouin\1525-09\dwg\1525-09-06



—	EXISTING SURFACE
—	DESIGN LINE
---	FUTURE DESIGN LINE



EVECTA STREET LONGITUDINAL SECTION

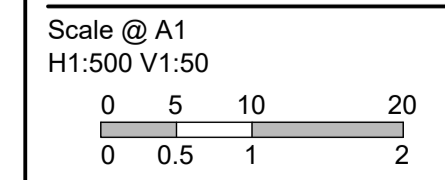


COCONUT STREET LONGITUDINAL SECTION

REVISION	DATE	DES/DFE	APPD
A	25.07.19	AC	KT

Principal  
Bernly Investments Pty Ltd  
PO Box 342  
Berwick, VIC, 3806

Designed  
A.Cantwell  
Drawn  
A.Cantwell  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
July 2019



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ABN 96 153 508 199

**WEEBAR ROAD, DROUIN**  
Stage 9  
Baw Baw Shire Council - PLA0323/16  
Roadworks and Drainage  
Longitudinal Sections - 2

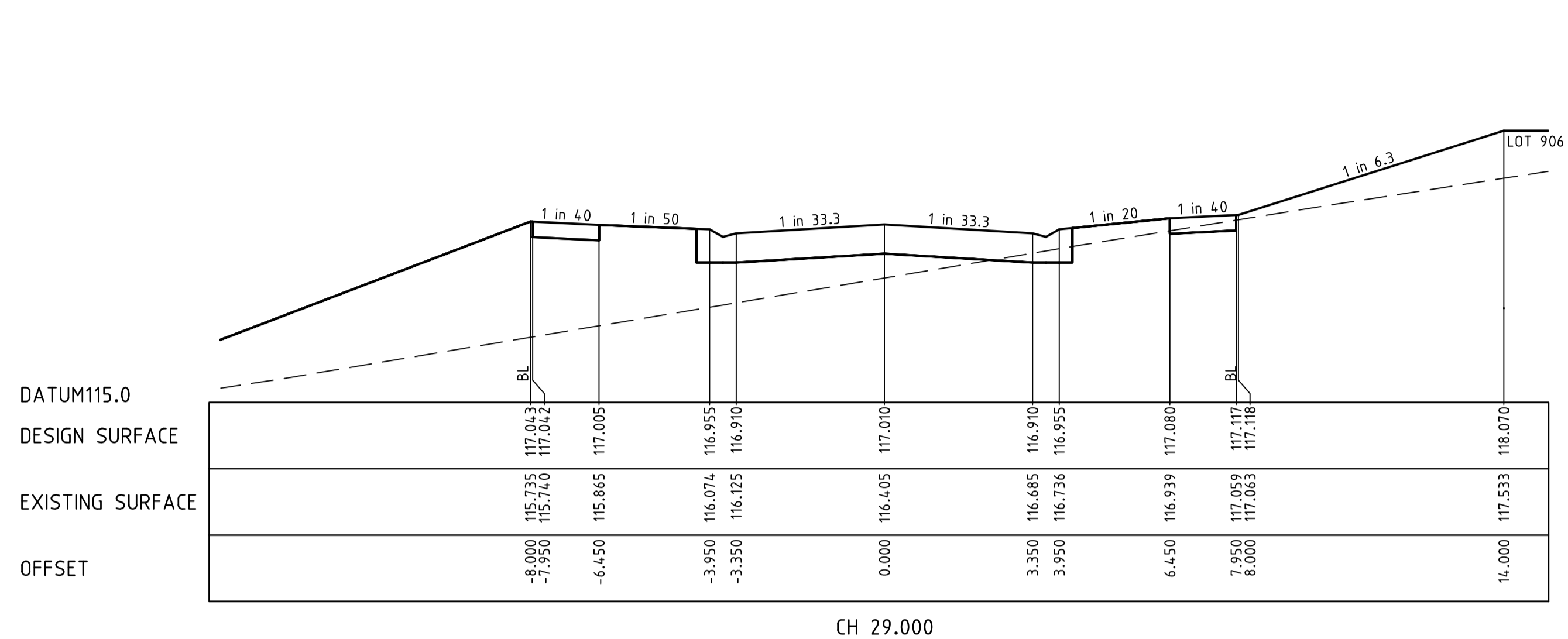
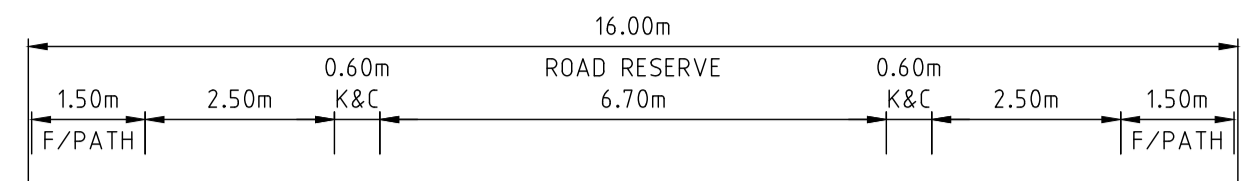
Drawing No. 1525-09-07 Rev A  
Sheet No. 07 of 24

FOR APPROVAL

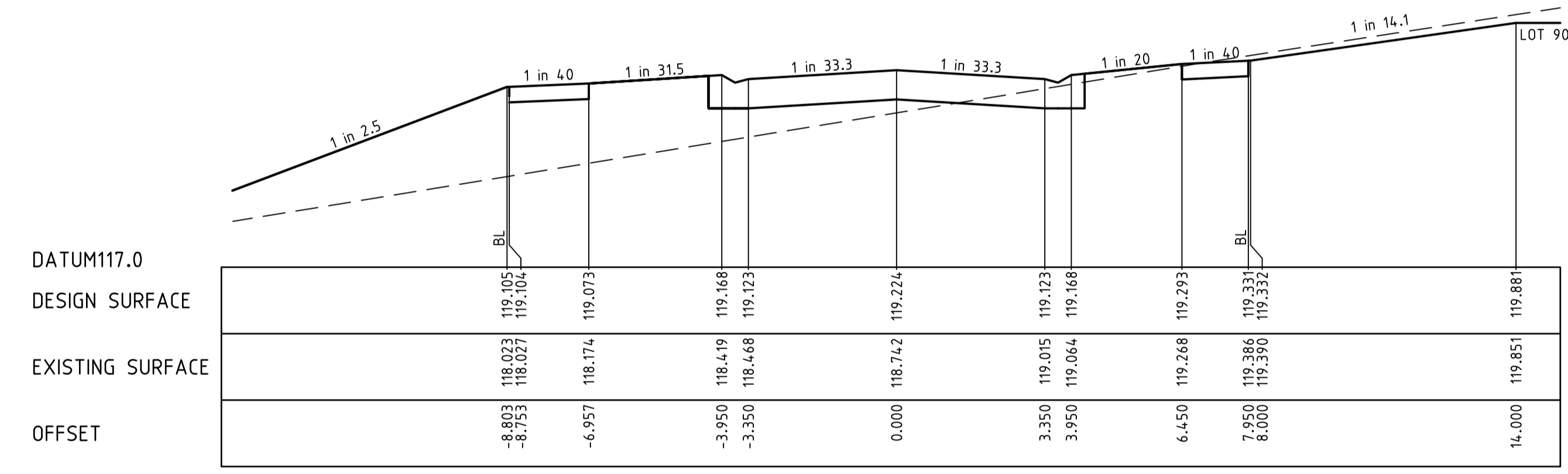


STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE

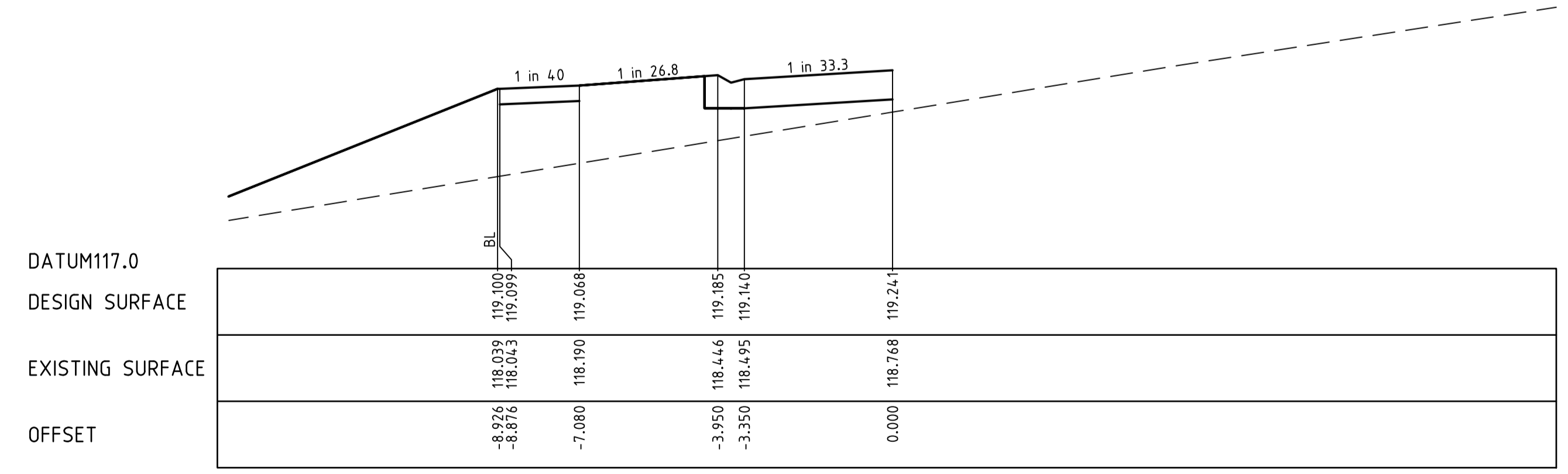
---	EXISTING SURFACE
---	DESIGN LINE
---	FUTURE DESIGN LINE



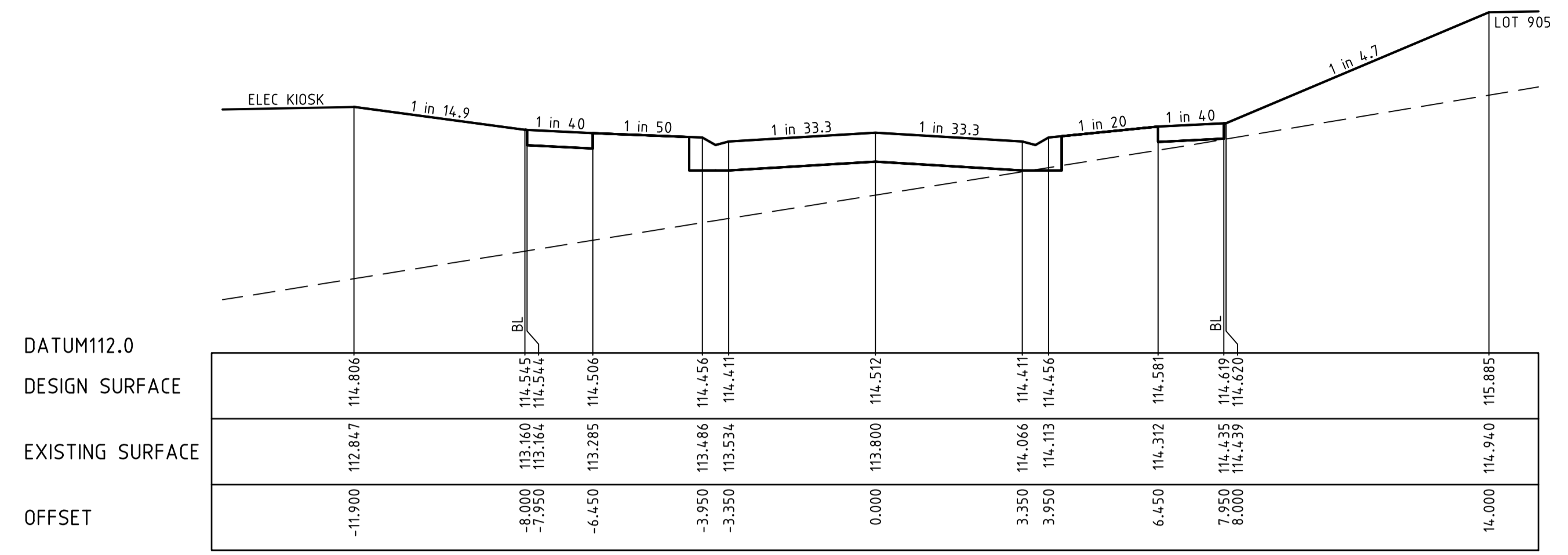
CH 29.000



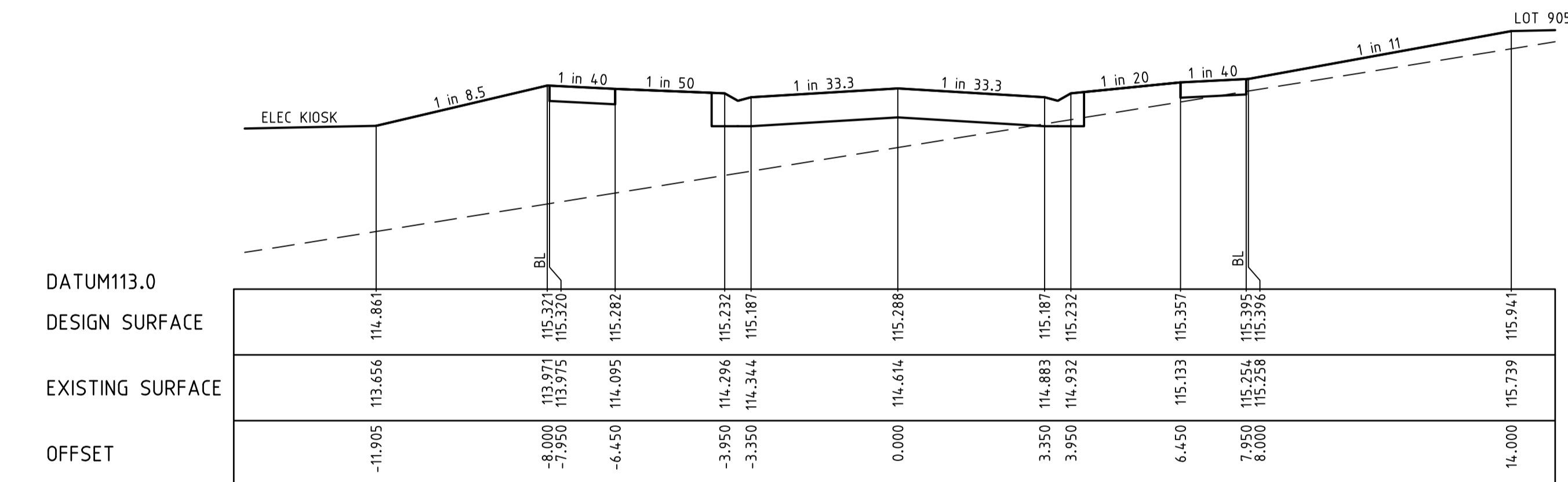
RTP CH 11.950



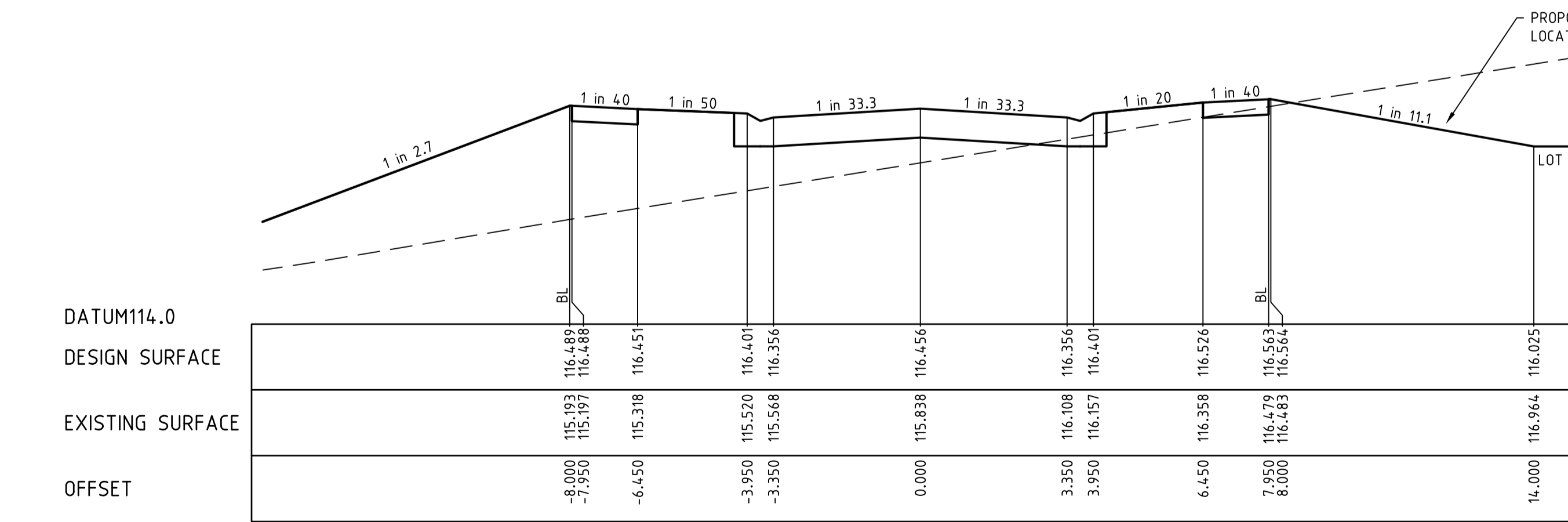
LTP CH 11.764 (WITHIN INTERSECTION)



CH 47.040



CH 41.440

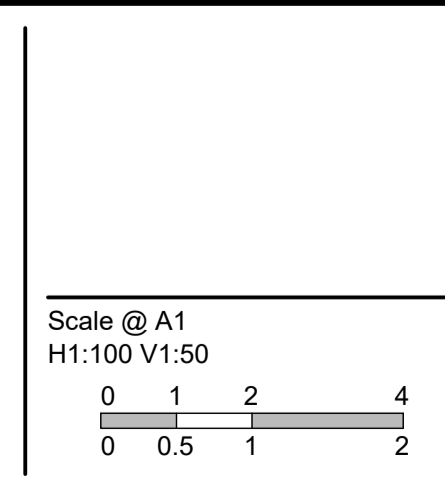


CH 33.000

REVISION	DATE	DES/DF	APPD
A	25.07.19	AC	KT

Principal  
Bernly Investments Pty Ltd  
PO Box 342  
Berwick, VIC, 3806

Designed  
A.Cantwell  
Drawn  
A.Cantwell  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
July 2019



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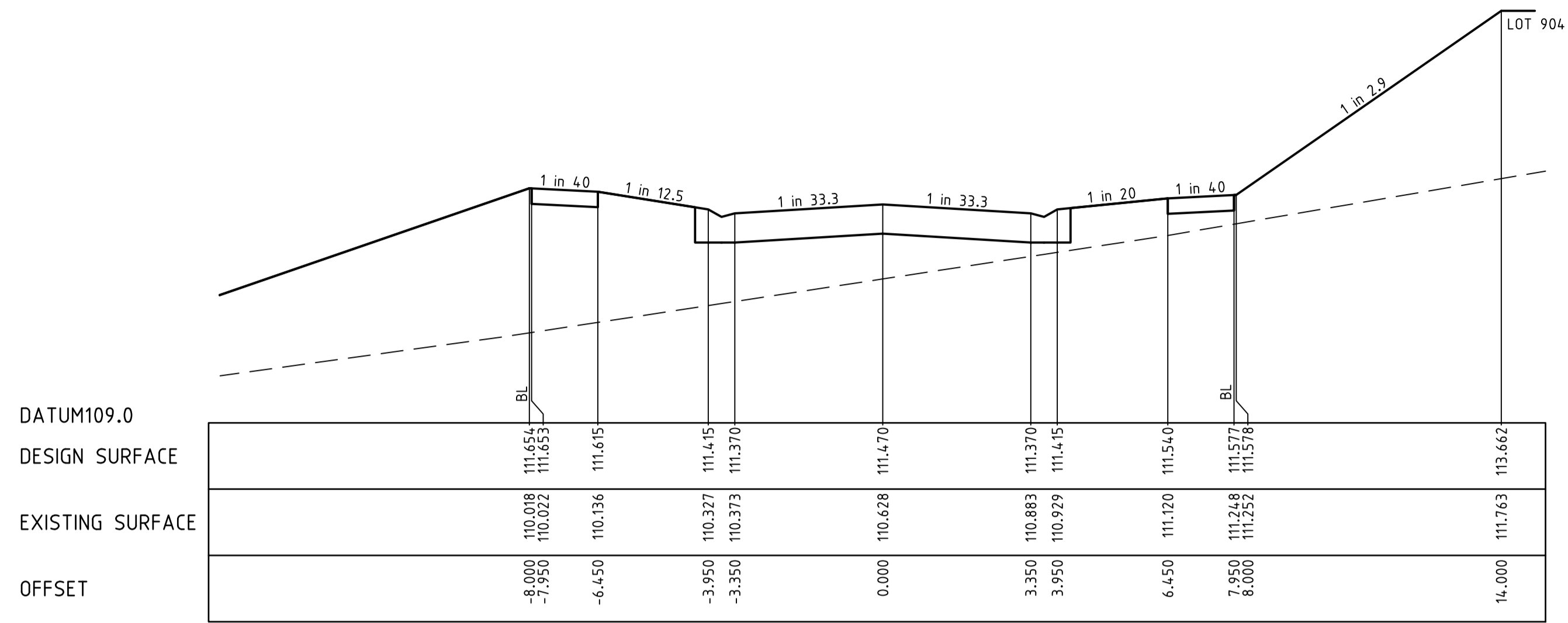
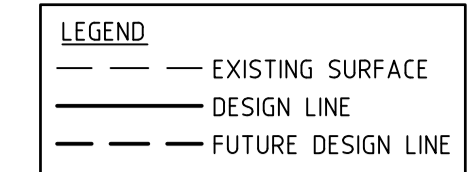
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**WEBBAR ROAD, DROUIN**  
Stage 9  
Baw Baw Shire Council - PLA0323/16  
Roadworks and Drainage  
Cross Sections - Horsetail Way  
CH11.950 - CH47.040  
Drawing No. 1525-09-08  
Sheet No. 08 of 24  
Rev A  
**FOR APPROVAL**

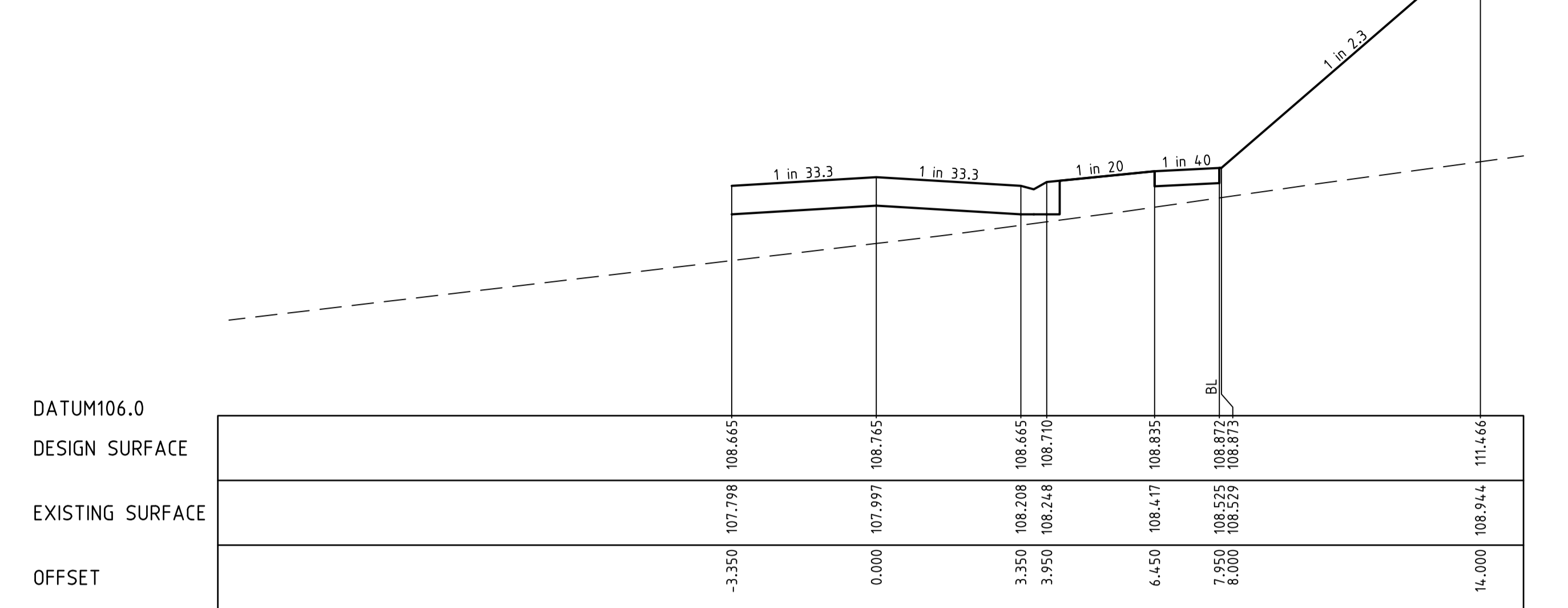




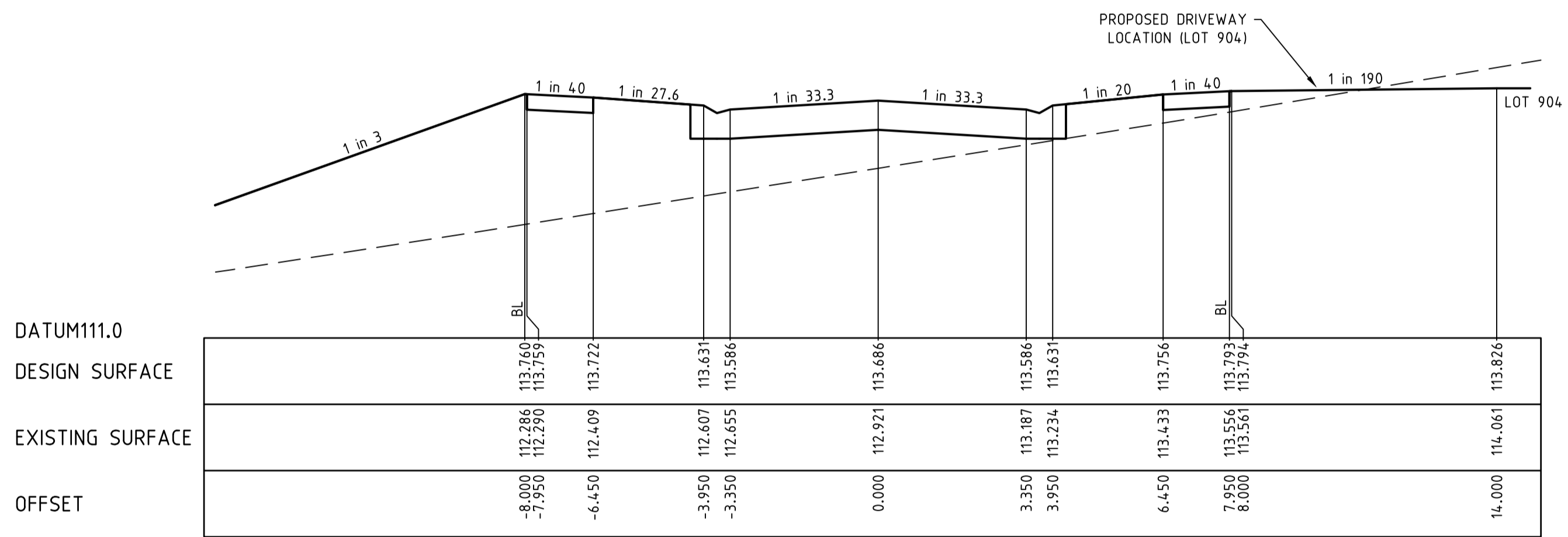
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



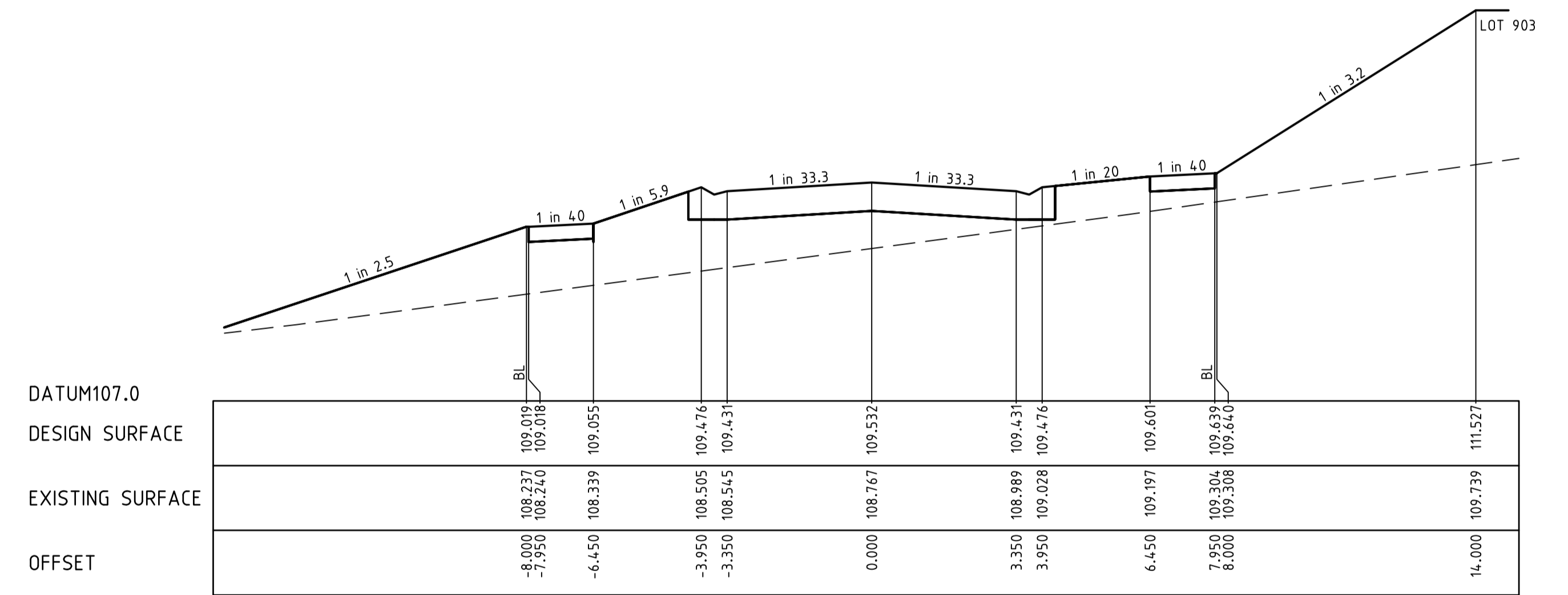
CH 69.000



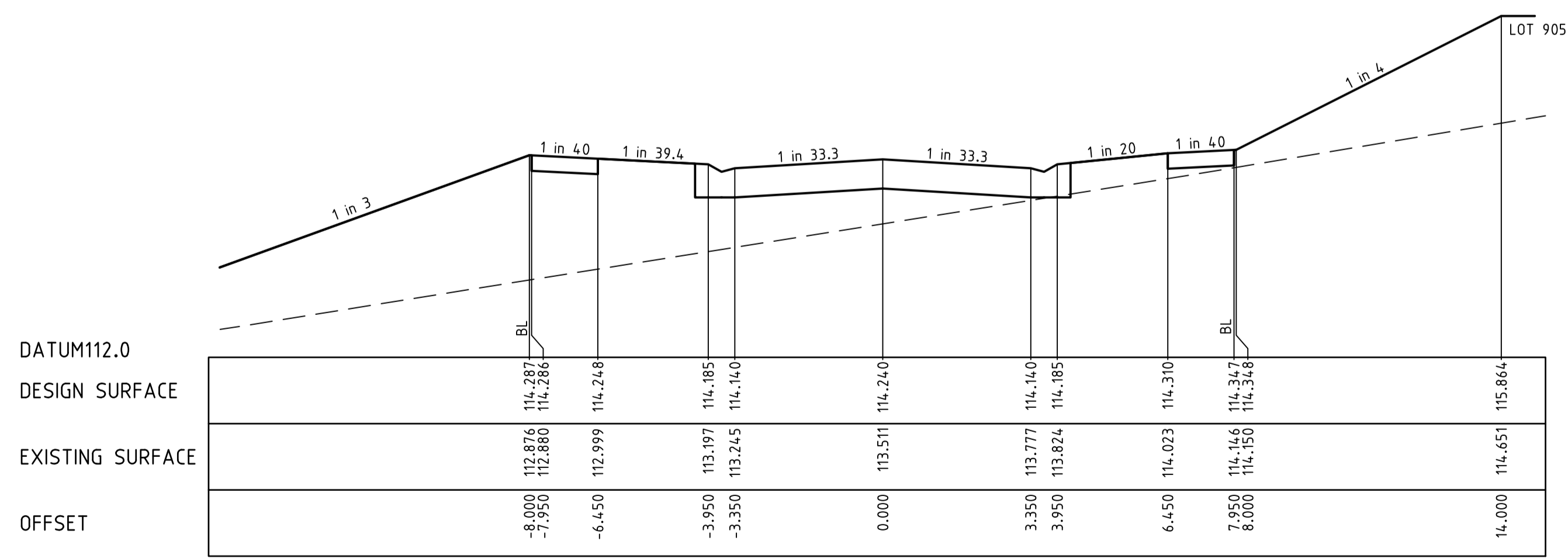
LTP CH 89.000 (WITHIN INTERSECTION)



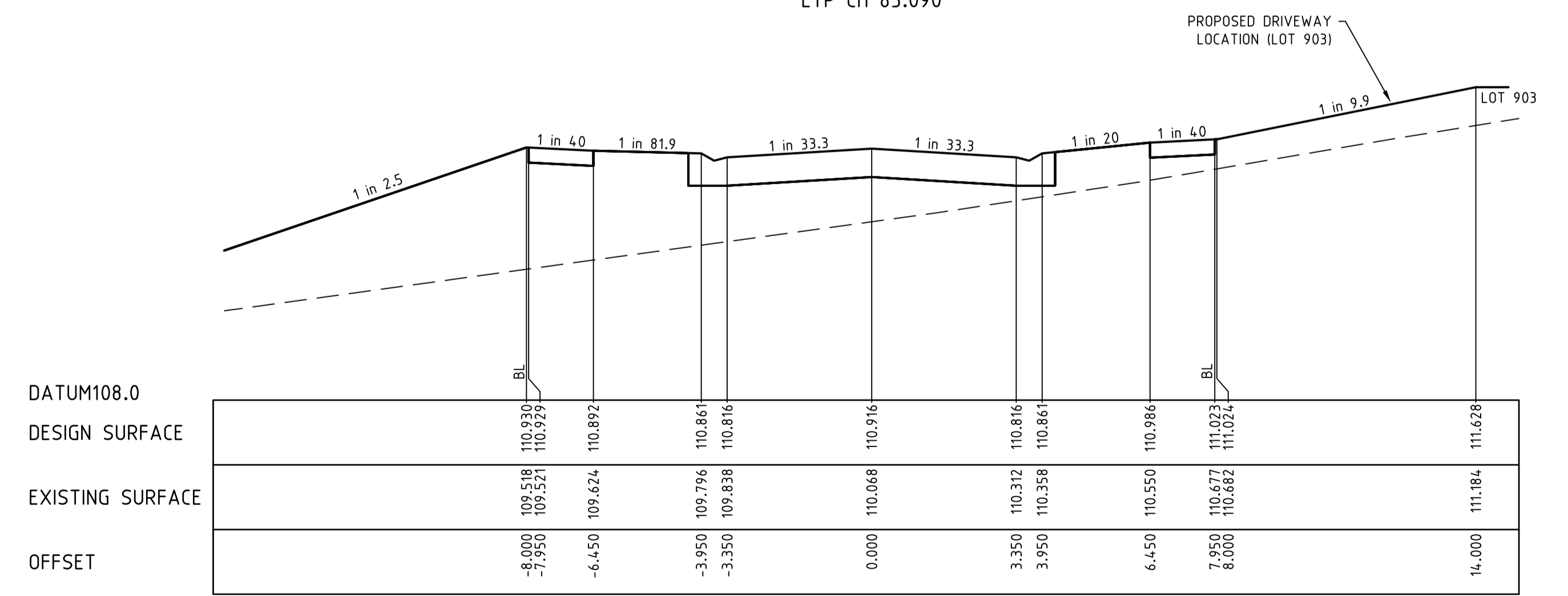
CH 53.000



LTP CH 83.090



CH 49.000

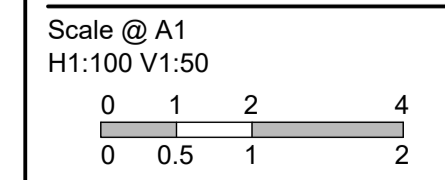


CH 73.000

REVISION	DATE	DES/DFE	APPD	
A	25.07.19	AC	KT	INITIAL ISSUE

Principal  
Bernly Investments Pty Ltd  
PO Box 342  
Berwick, VIC, 3806

Designed  
A.Cantwell  
Drawn  
A.Cantwell  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
July 2019



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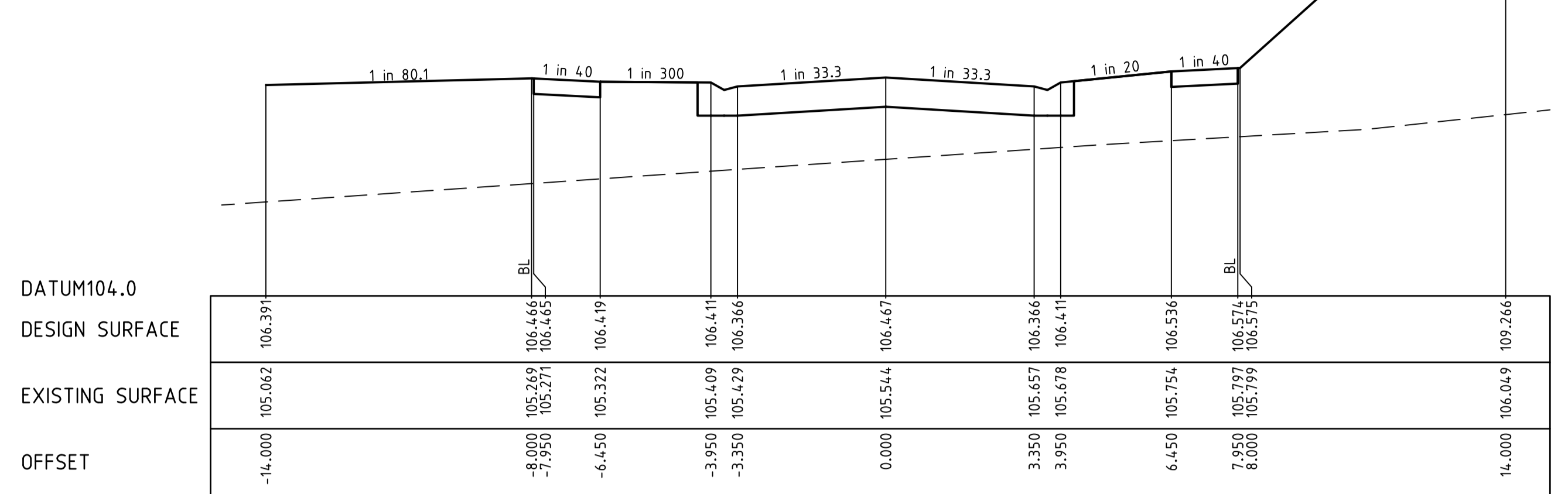
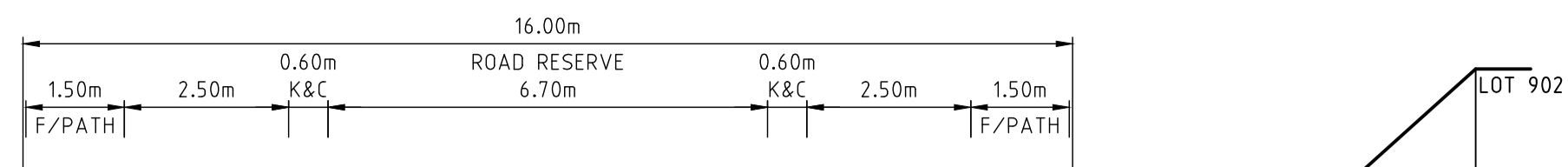
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ABN 96 153 508 199

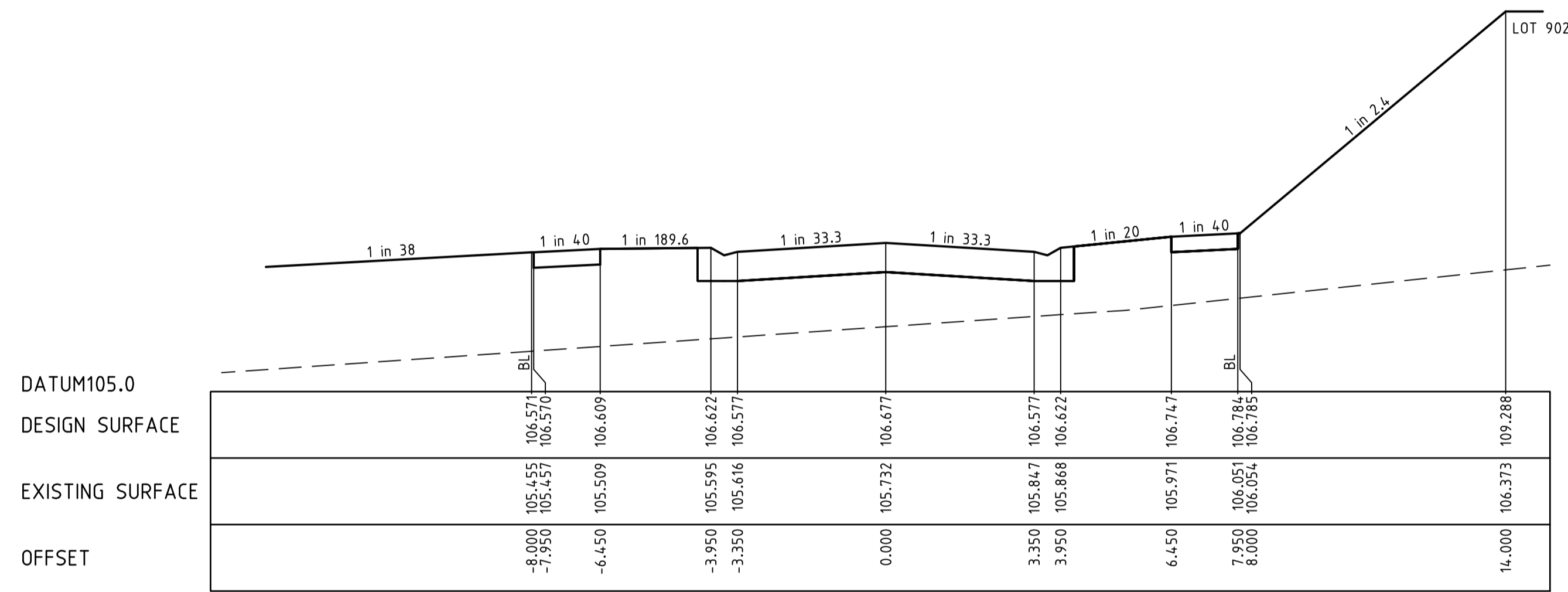
**WEEBAR ROAD, DROUIN**  
Stage 9  
Baw Baw Shire Council - PLA0323/16  
Roadworks and Drainage  
Cross Sections - Horsetail Way  
CH49.000 - CH89.000  
Drawing No. 1525-09-09

Rev A  
Sheet No. 09 of 24  
**FOR APPROVAL**

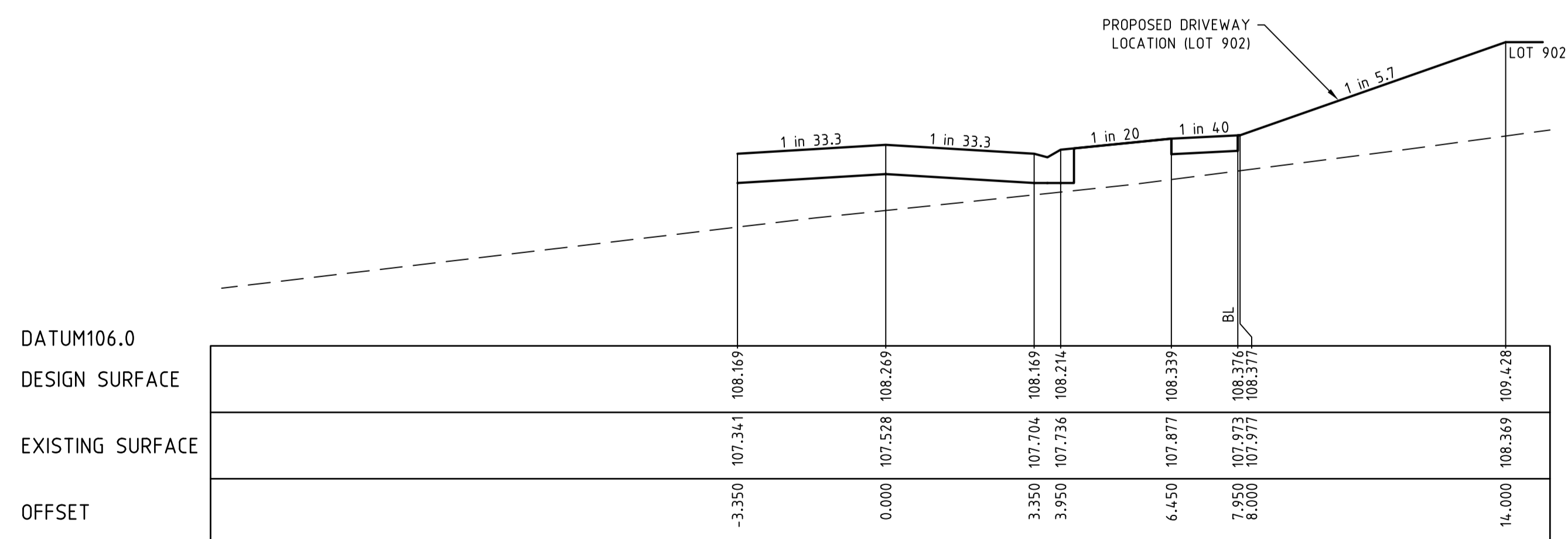
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CH 109.000



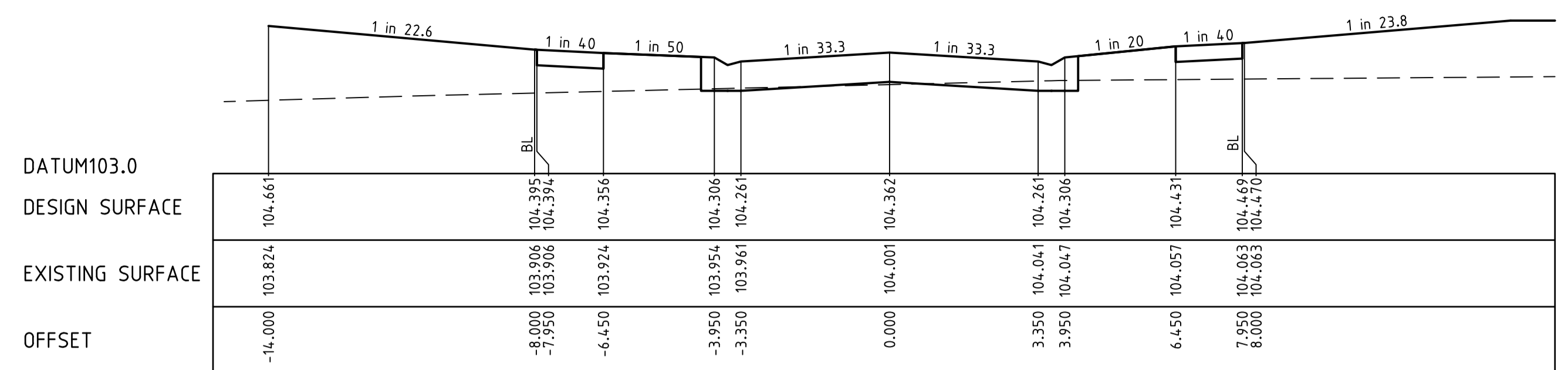
LTP CH 106.990



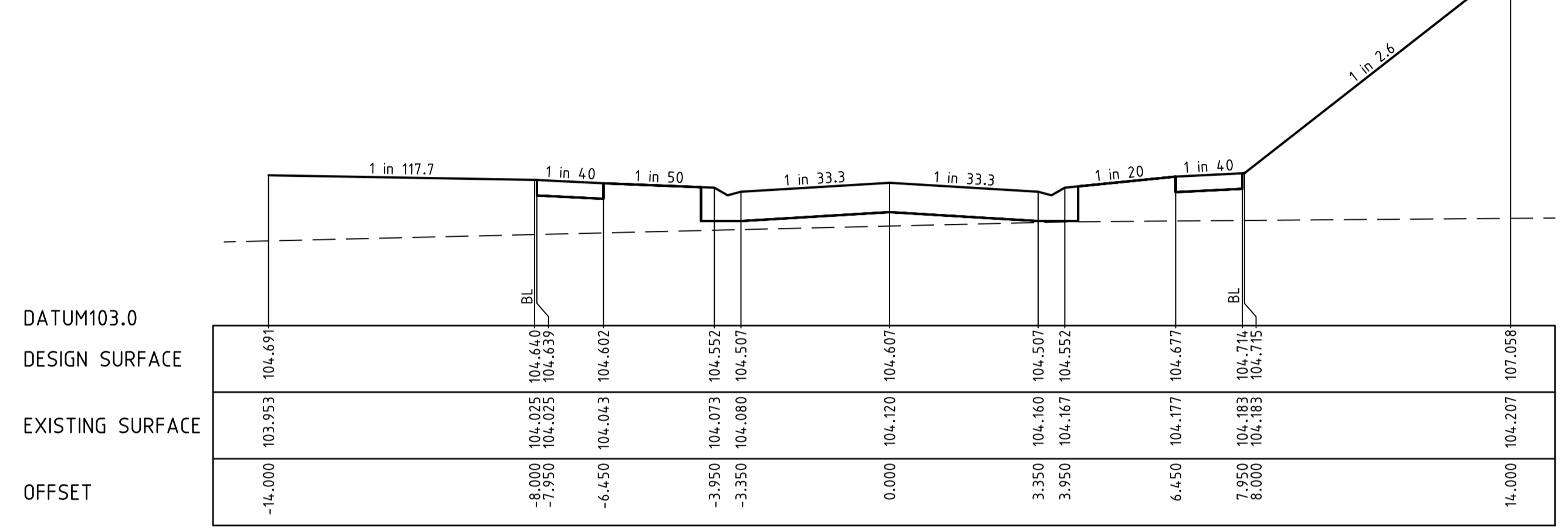
CH 93.000 (WITHIN INTERSECTION)

STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE

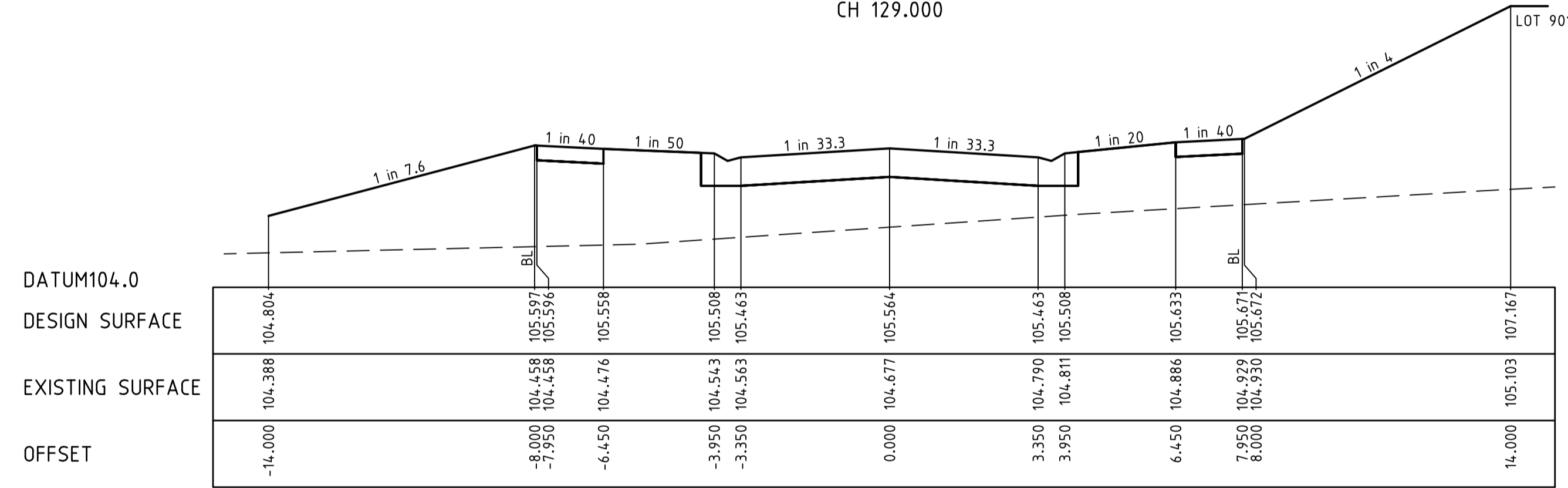
LEGEND  
 --- EXISTING SURFACE  
 --- DESIGN LINE  
 --- FUTURE DESIGN LINE



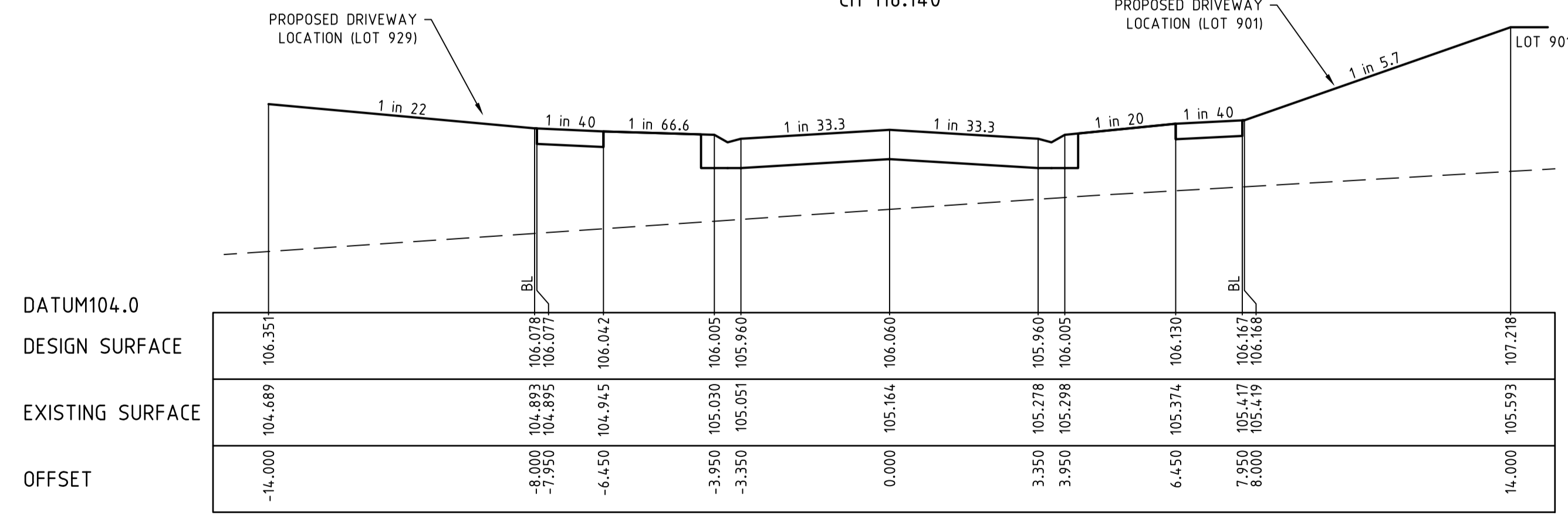
CH 132.040 (LIMIT OF WORKS)



CH 129.000



CH 118.140

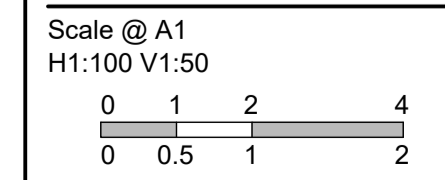


CH 113.000

REVISION	DATE	DES/DFE	APPRO
A	25.07.19	AC	KT

Principal  
 Bernly Investments Pty Ltd  
 PO Box 342  
 Berwick, VIC, 3806

Designed  
 A.Cantwell  
 Drawn  
 A.Cantwell  
 Checked  
 M.Warry  
 Authorised  
 K.Taylor  
 Date  
 July 2019



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 ABN 96 153 508 199

**WEEBAR ROAD, DROUIN**  
 Stage 9  
 Baw Baw Shire Council - PLA0323/16  
 Roadworks and Drainage  
 Cross Sections - Horsetail Way  
 CH93.000 - CH132.040  
**Drawing No. 1525-09-10**

Rev A

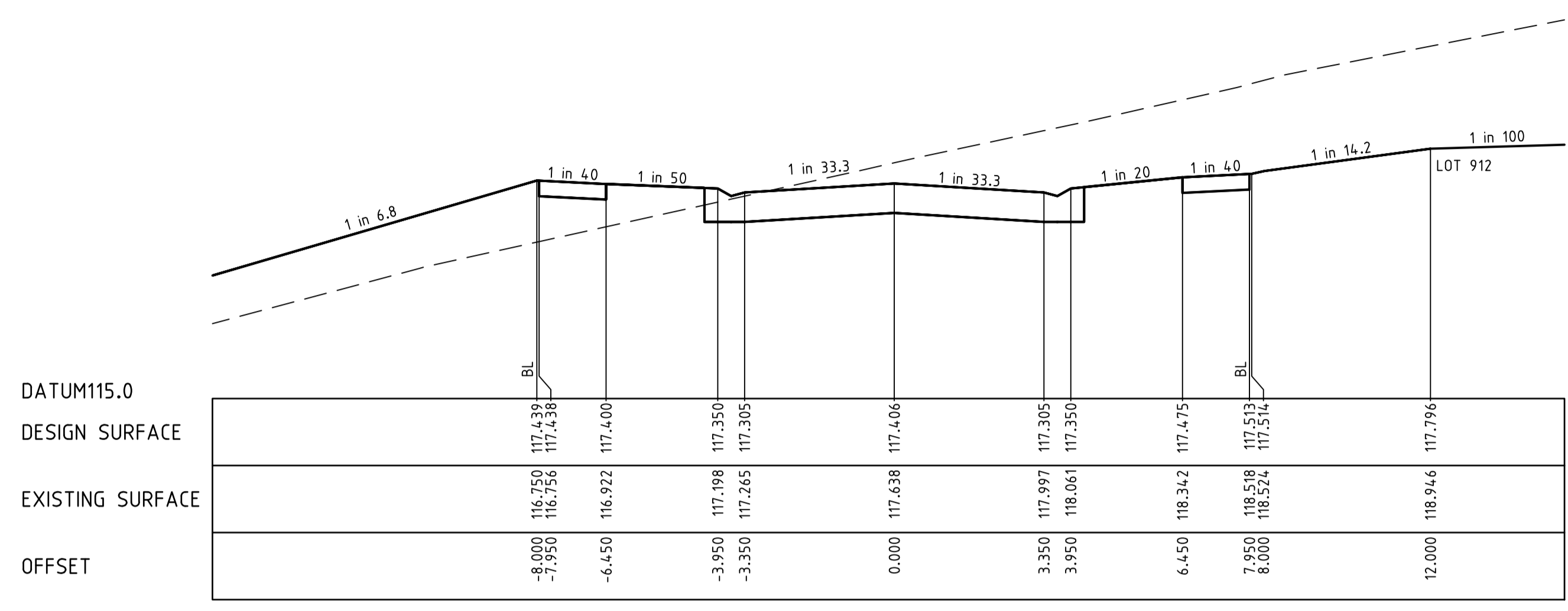
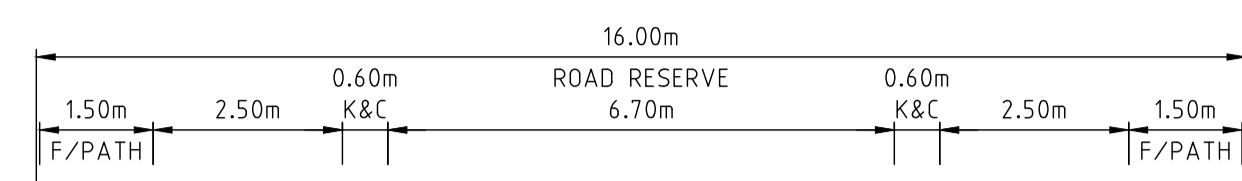
FOR APPROVAL

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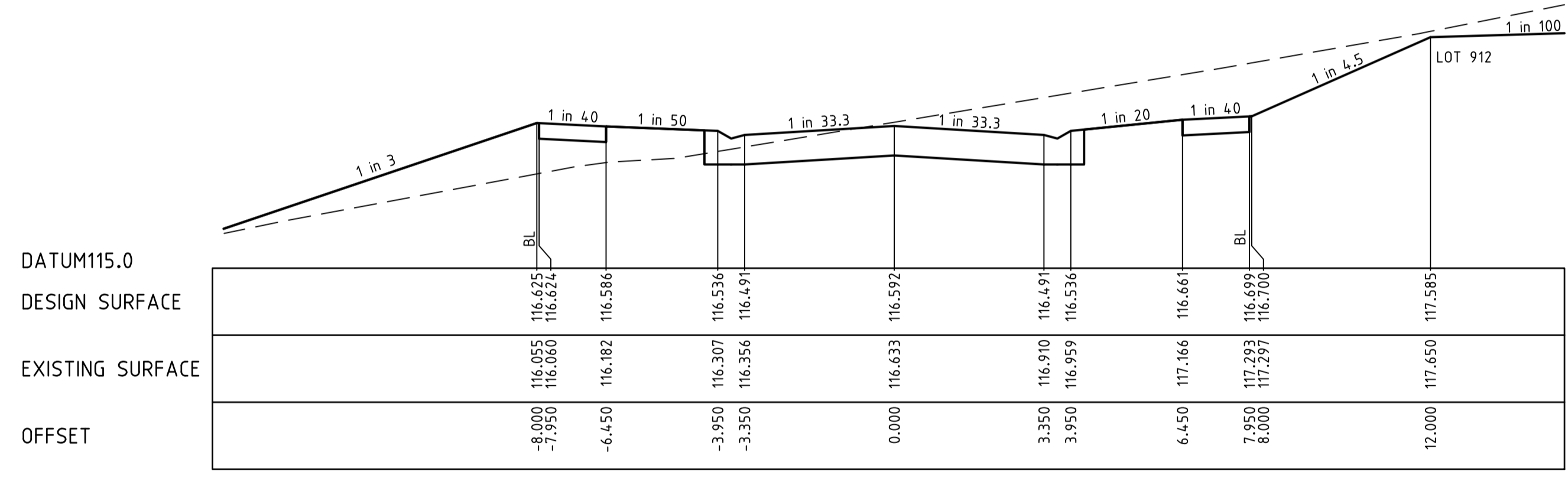


STRUCTURAL FILL REQUIRED UNDER  
PAVEMENT AND FOOTPATHS WHERE  
CONSTRUCTED ABOVE EXISTING SURFACE

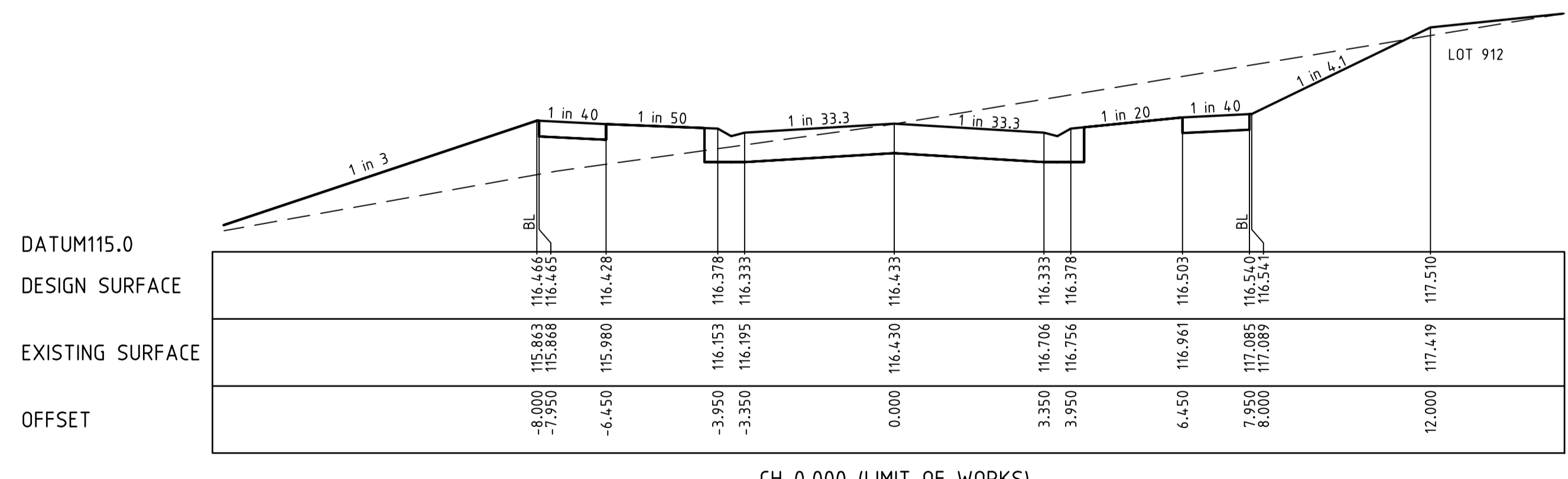
---	EXISTING SURFACE
---	DESIGN LINE
---	FUTURE DESIGN LINE



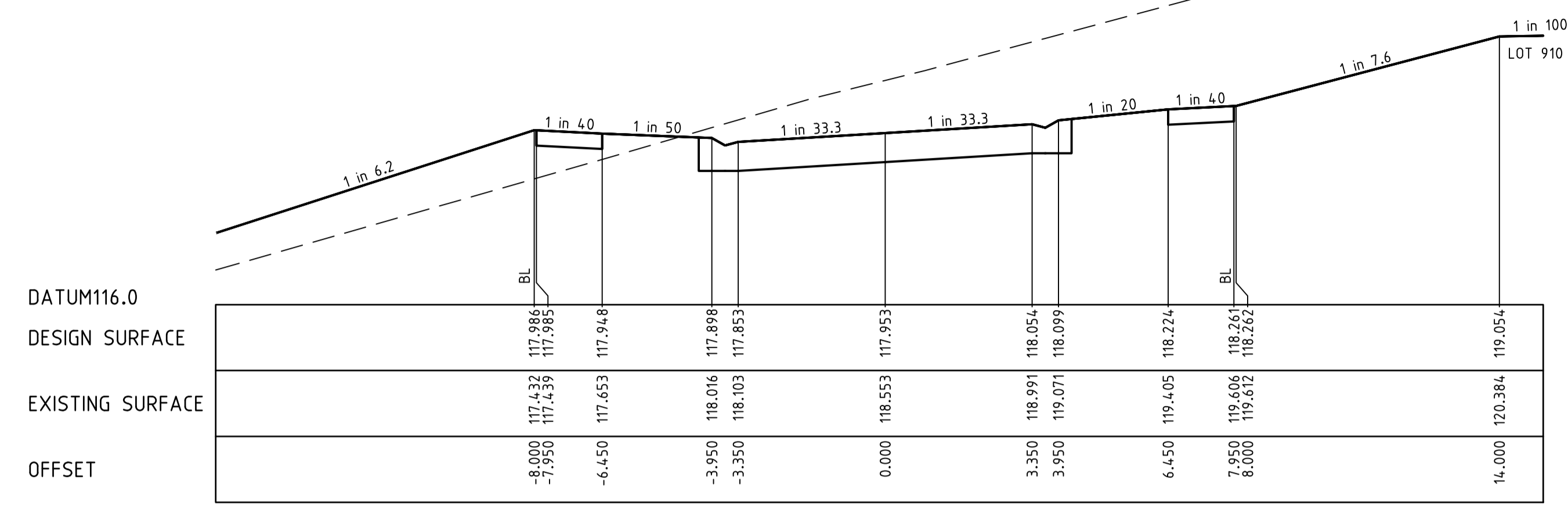
RTP CH 36.436



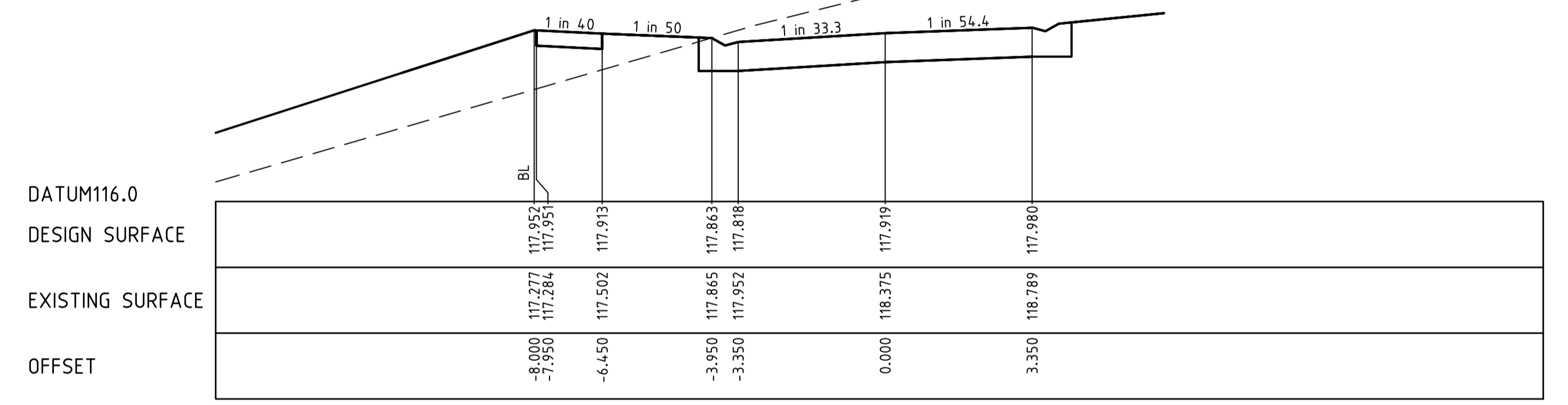
CH 7.524



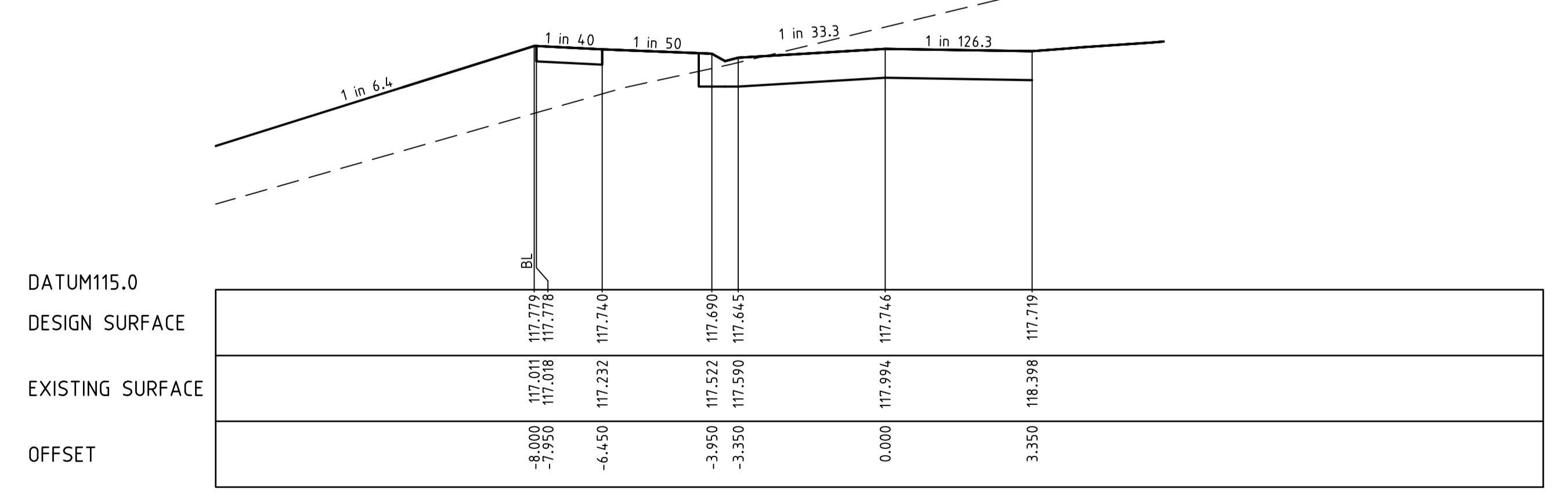
CH 0.000 (LIMIT OF WORKS)



CH 67.526



RTP CH 60.668 (WITHIN INTERSECTION)



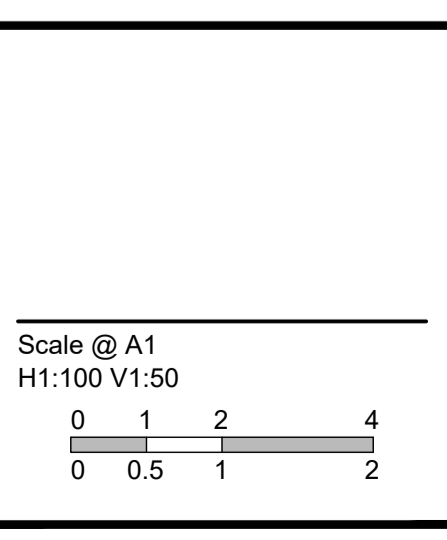
CH 47.526 (WITHIN INTERSECTION)

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REVISION	DATE	DES/DF	APPD
A INITIAL ISSUE	25.07.19	AC	KT

Principal  
Bernly Investments Pty Ltd  
PO Box 342  
Berwick, VIC, 3806

Designed  
A.Cantwell  
Drawn  
A.Cantwell  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
July,2019



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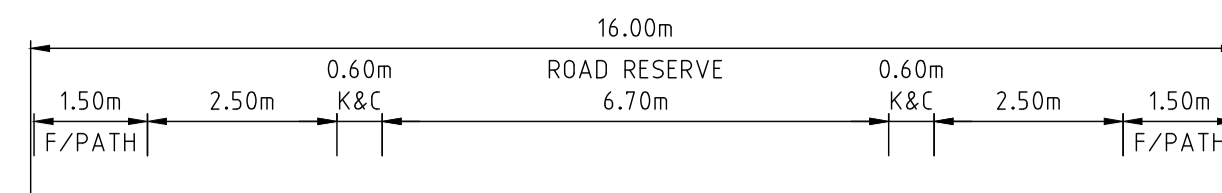
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e: info@taylormiller.com.au  
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ABN 96 153 508 199

**WEEBAR ROAD, DROUIN**  
Stage 9  
Baw Baw Shire Council - PLA0323/16  
Roadworks and Drainage  
Cross Sections- Coconut Street  
CH0.000 - CH67.526  
Drawing No. 1525-09-11  
Sheet No. 11 of 24

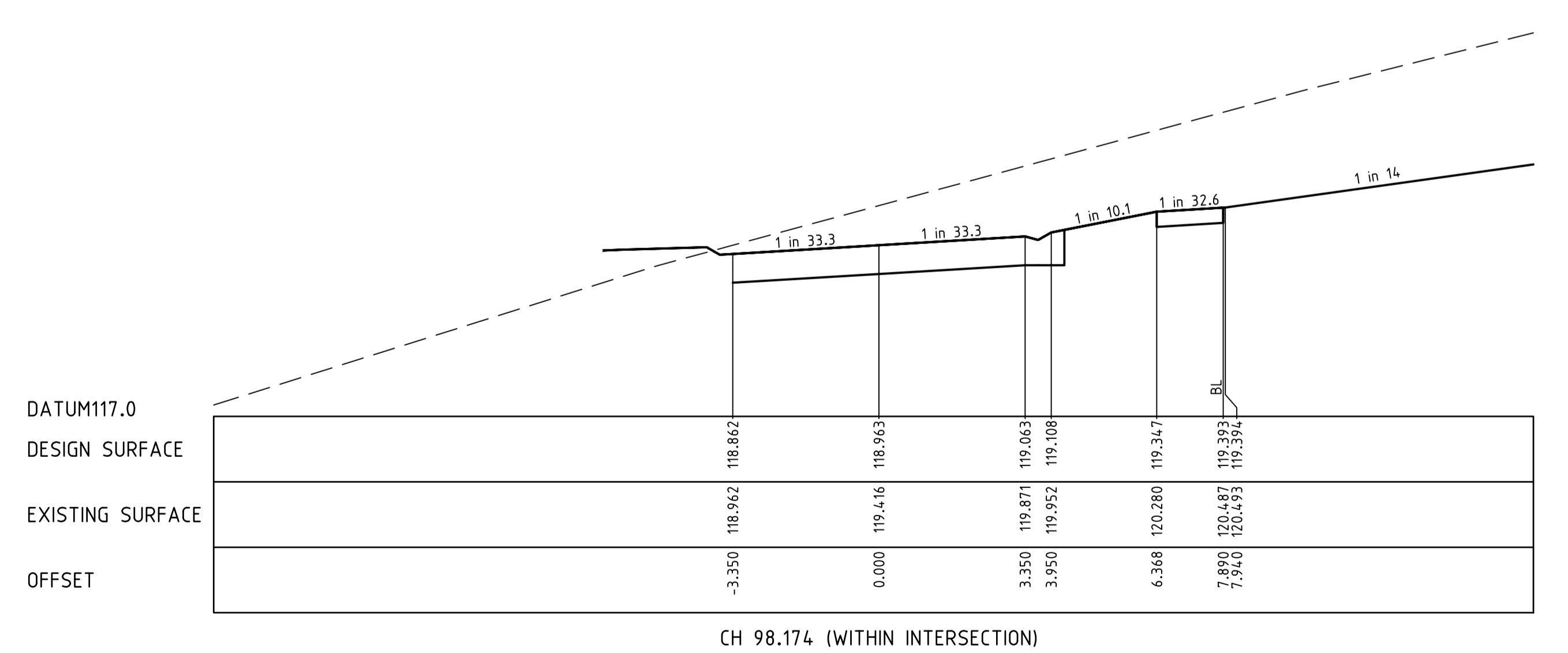
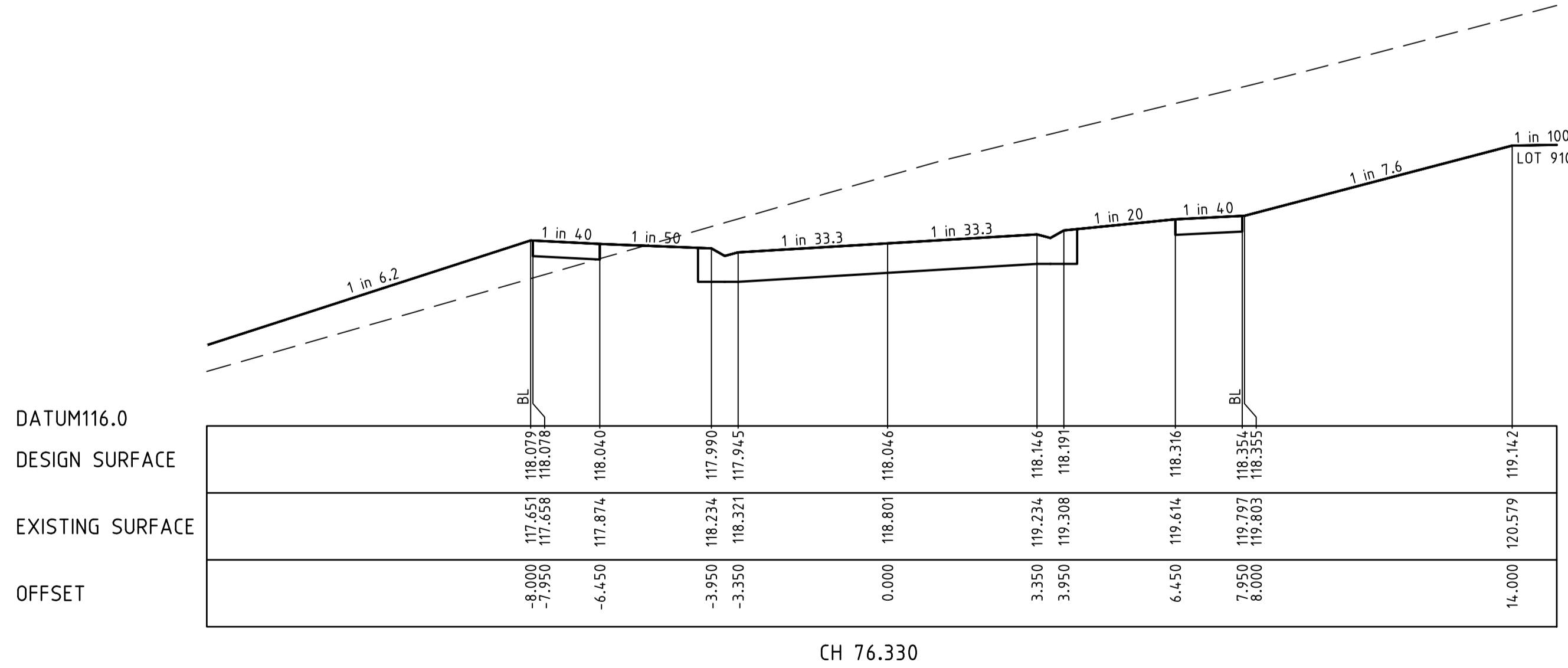
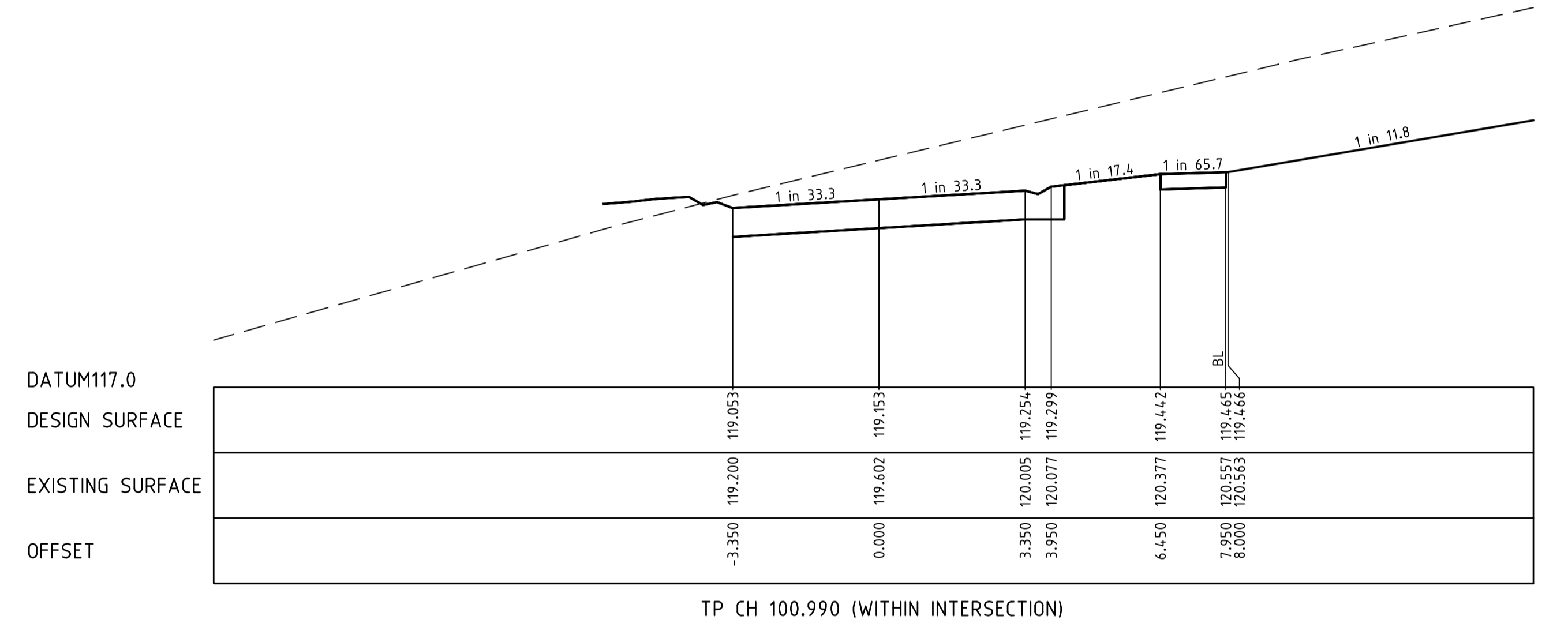
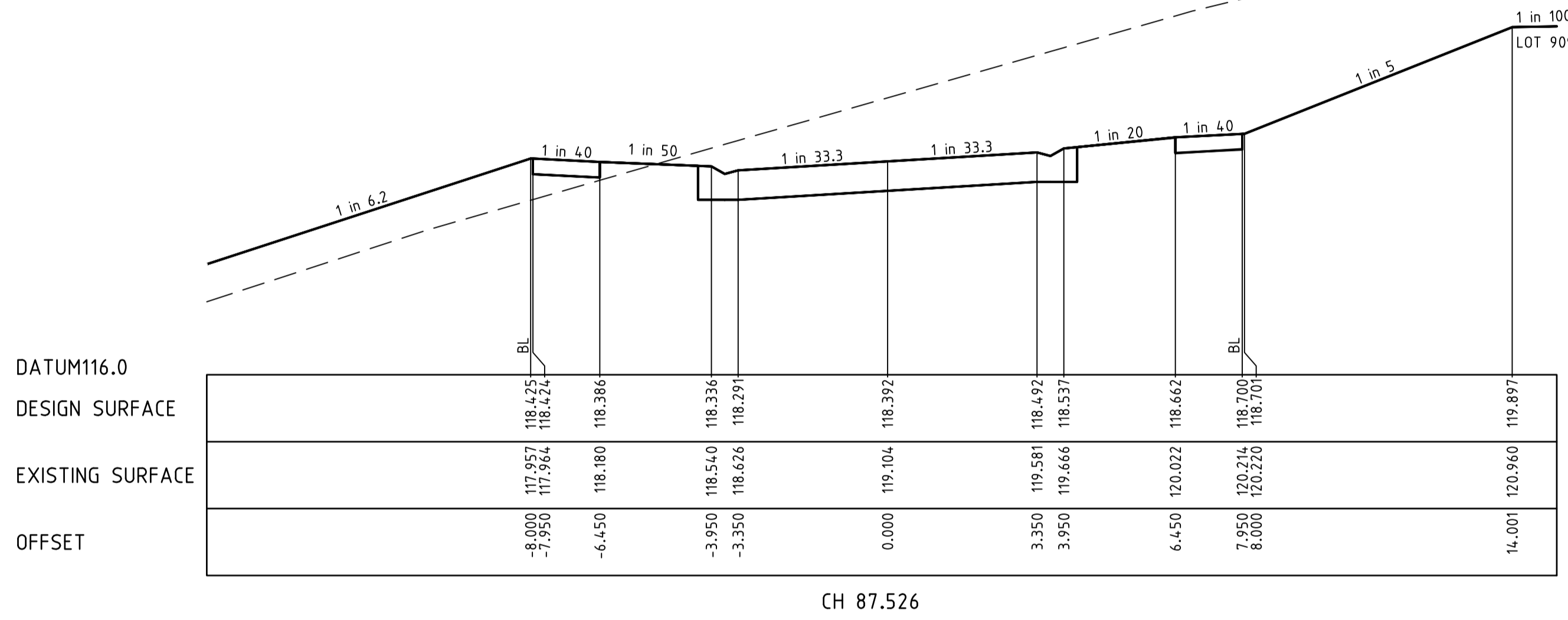
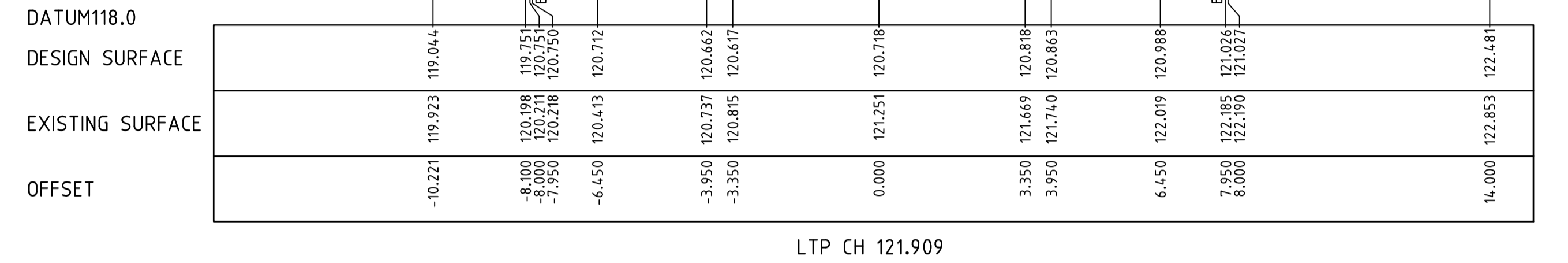
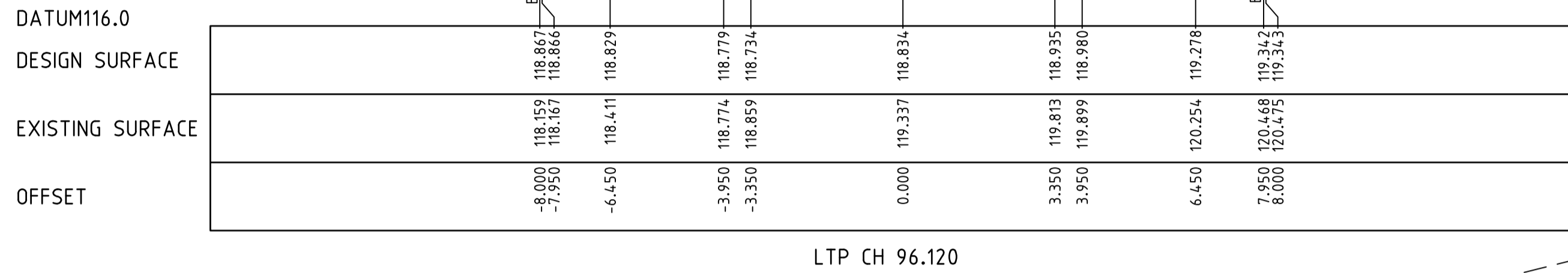
FOR APPROVAL

Rev A



STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE

LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE



DESIGNED	A. Cantwell	DATE	25.07.19	DES/DF	AC	APPD	KT
DRAWN	A. Cantwell						
CHECKED	M. Warry						
AUTHORISED	K. Taylor						
DATE	July 2019						
REVISION							

Principal  
Bernly Investments Pty Ltd  
PO Box 342  
Berwick, VIC, 3806

Designed  
A. Cantwell  
Drawn  
A. Cantwell  
Checked  
M. Warry  
Authorised  
K. Taylor  
Date  
July 2019

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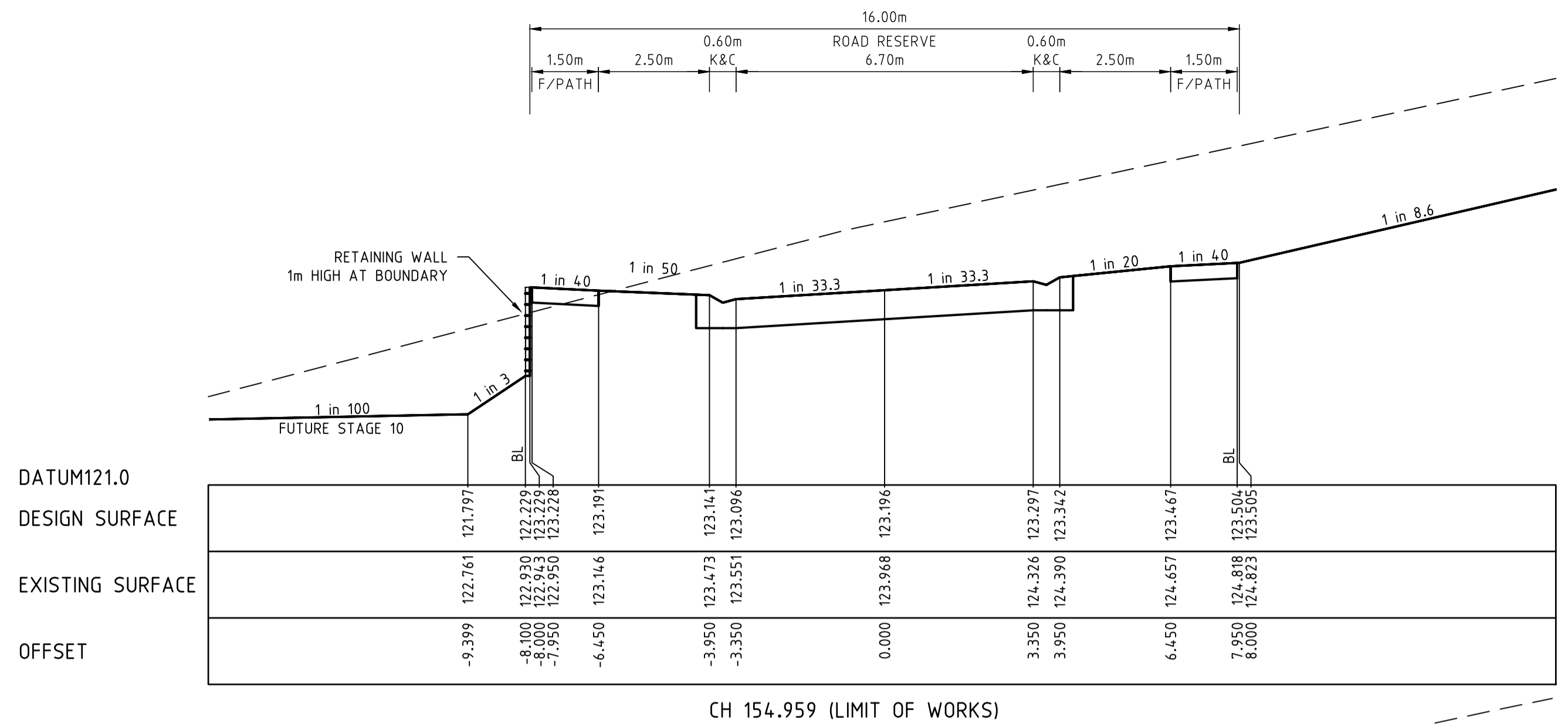
Taylor Miller Pty Ltd  
6/82 Smith Street,  
Warragul, VIC, 3820  
e: info@taylormiller.com.au  
w: www.taylormiller.com.au  
ABN 96 153 508 199

**WEBAR ROAD, DROUIN**  
Stage 9  
Baw Baw Shire Council - PLA0323/16  
Roadworks and Drainage  
Cross Sections - Coconut Street  
CH76.330 - CH121.909  
Drawing No. 1525-09-12  
Sheet No. 12 of 24

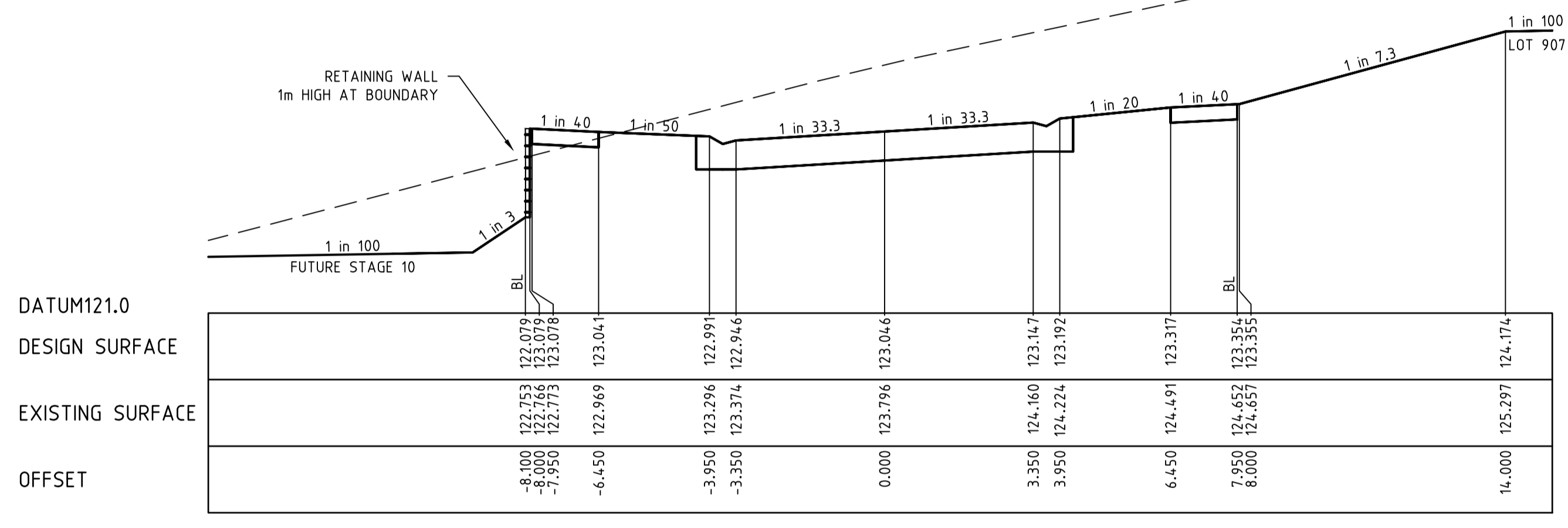
Rev A  
FOR APPROVAL

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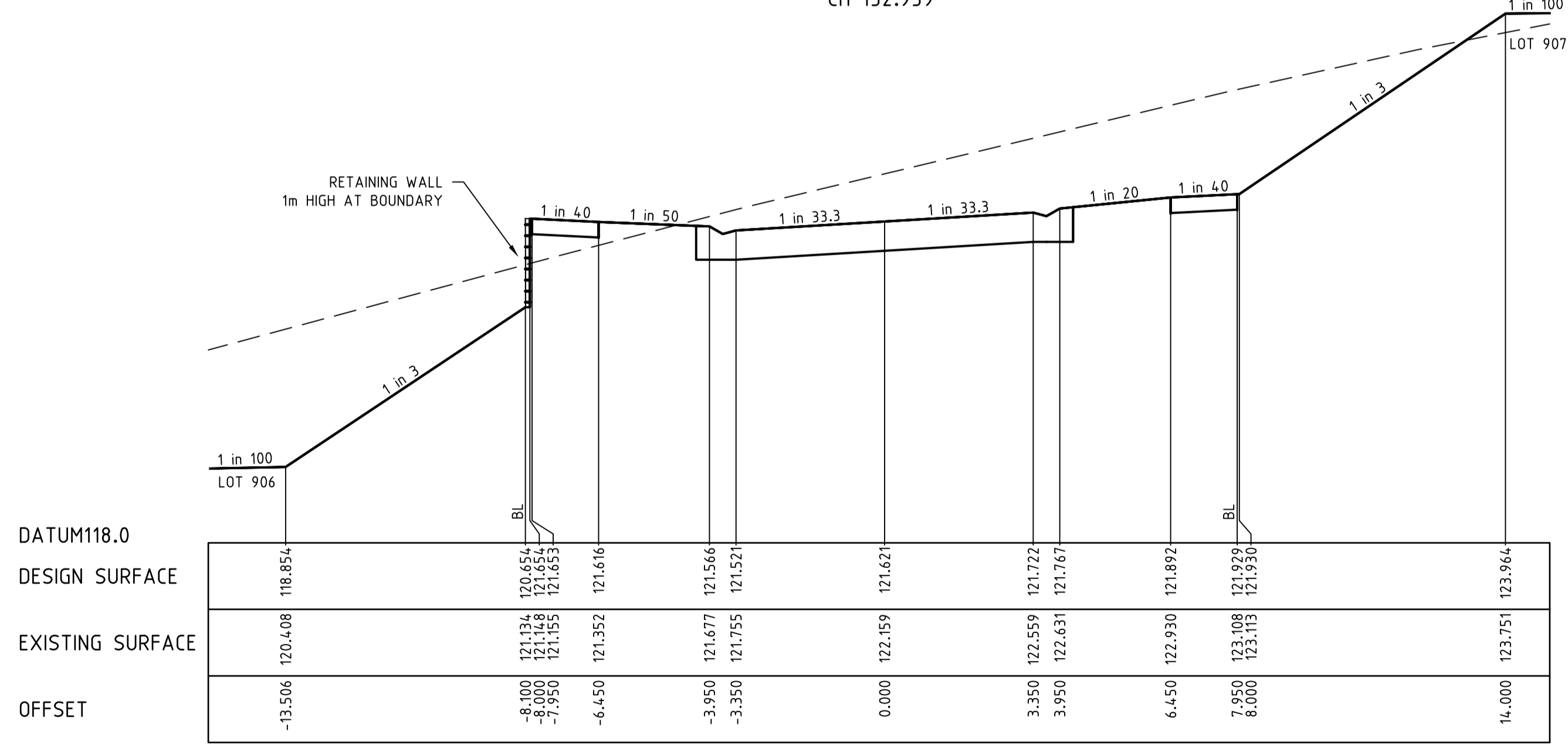




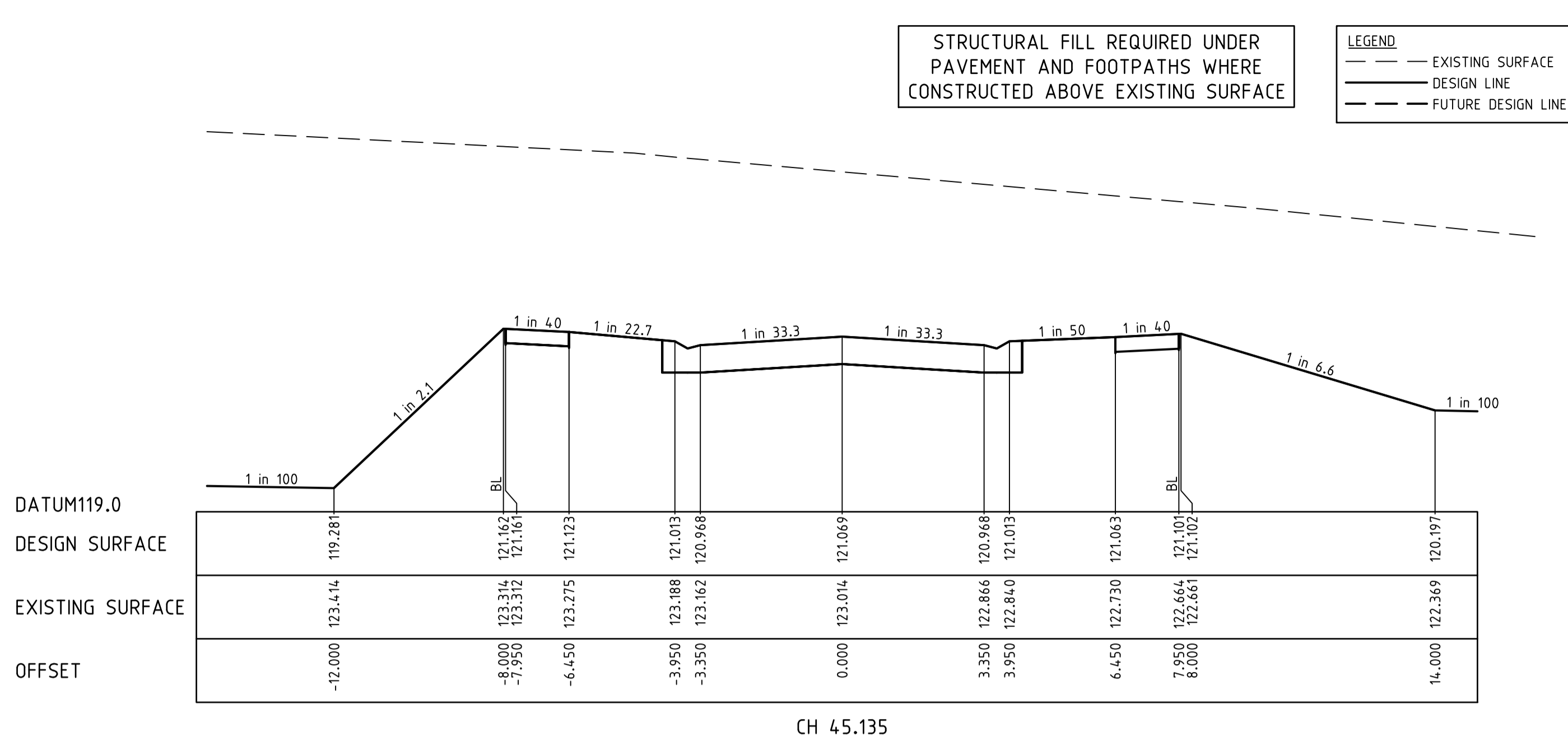
CH 154.959 (LIMIT OF WORKS)



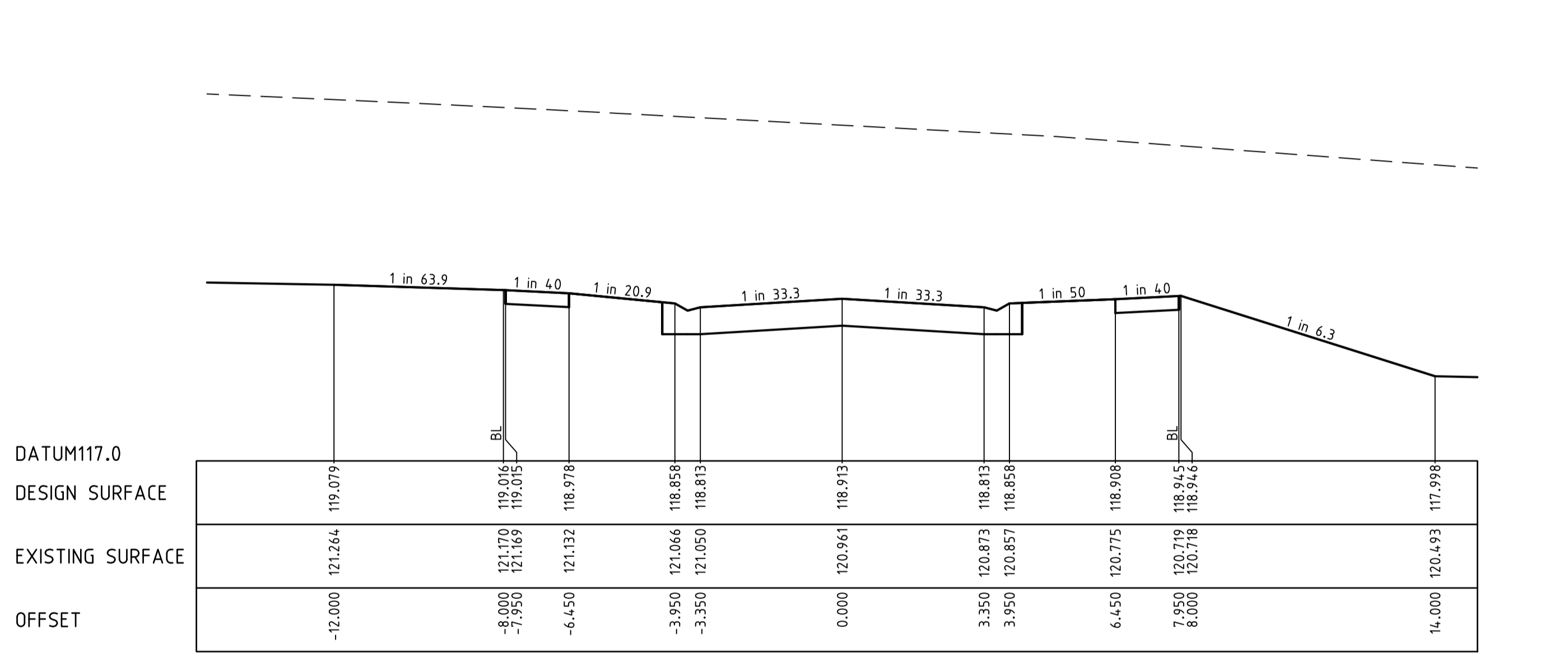
CH 152.959



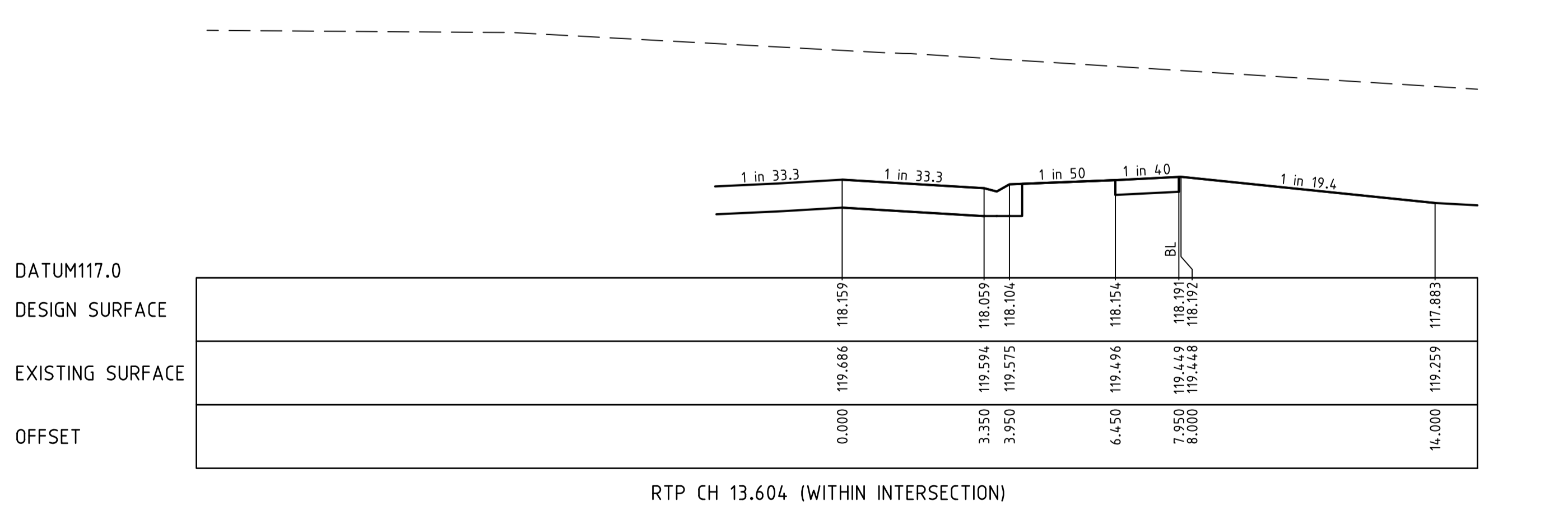
CH 133.959  
COCONUT STREET



CH 45.135



CH 25.115



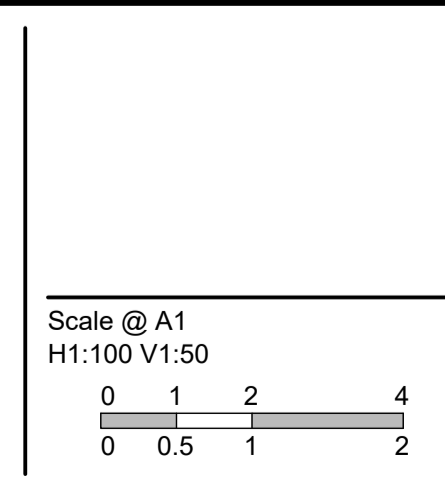
RTP CH 13.604 (WITHIN INTERSECTION)

PINANGA STREET

DESIGNED	A.Cantwell	DATE	25.07.19	DES/DF	AC	APPD	KT
DRAWN	A.Cantwell						
CHECKED	M.Warry						
AUTHORISED	K.Taylor						
DATE	July 2019						
REVISION							
A	INITIAL ISSUE						

Principal  
Bernly Investments Pty Ltd  
PO Box 342  
Berwick, VIC, 3806

Designed  
A.Cantwell  
Drawn  
A.Cantwell  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
July 2019



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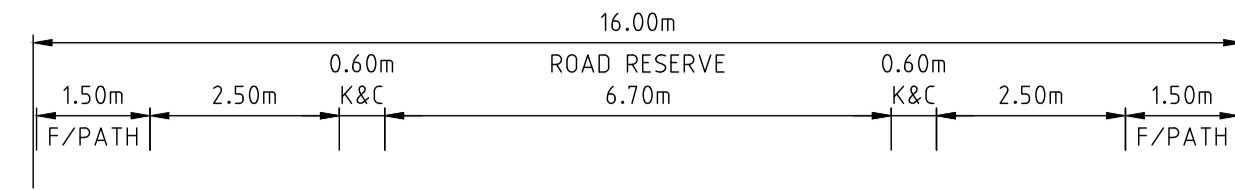
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**WEBBAR ROAD, DROUIN**  
Stage 9  
Baw Baw Shire Council - PLA0323/16  
Roadworks and Drainage  
Cross Sections - Coconut Street & Pinanga Street

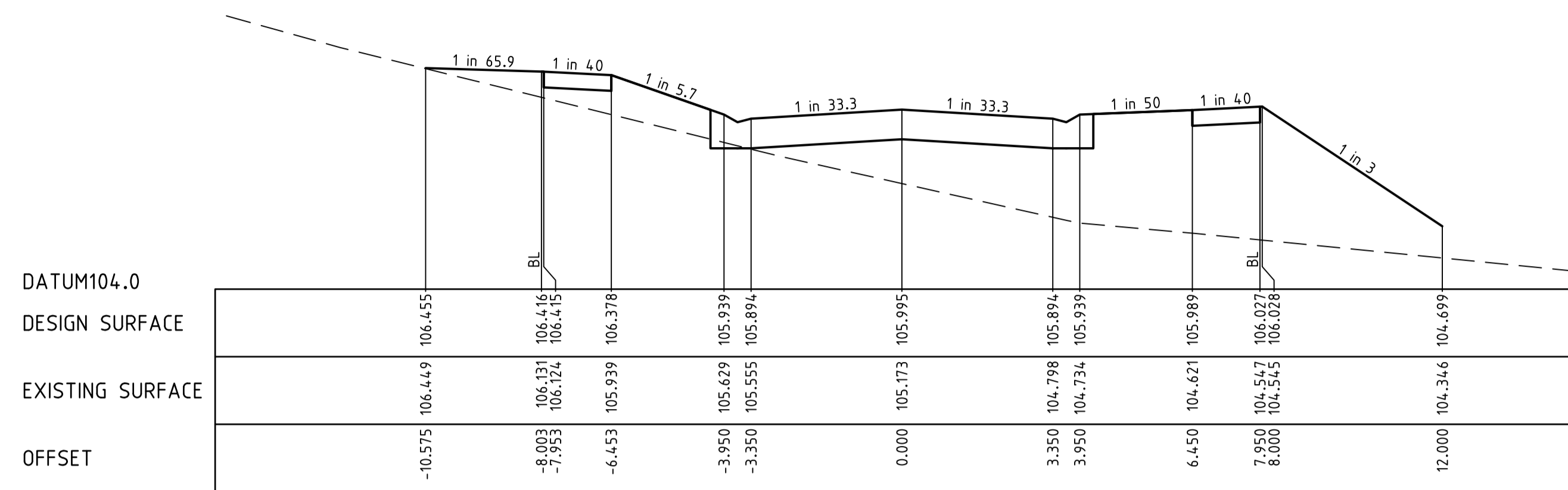
Drawing No. 1525-09-13 Rev A  
Sheet No. 13 of 24

**FOR APPROVAL**

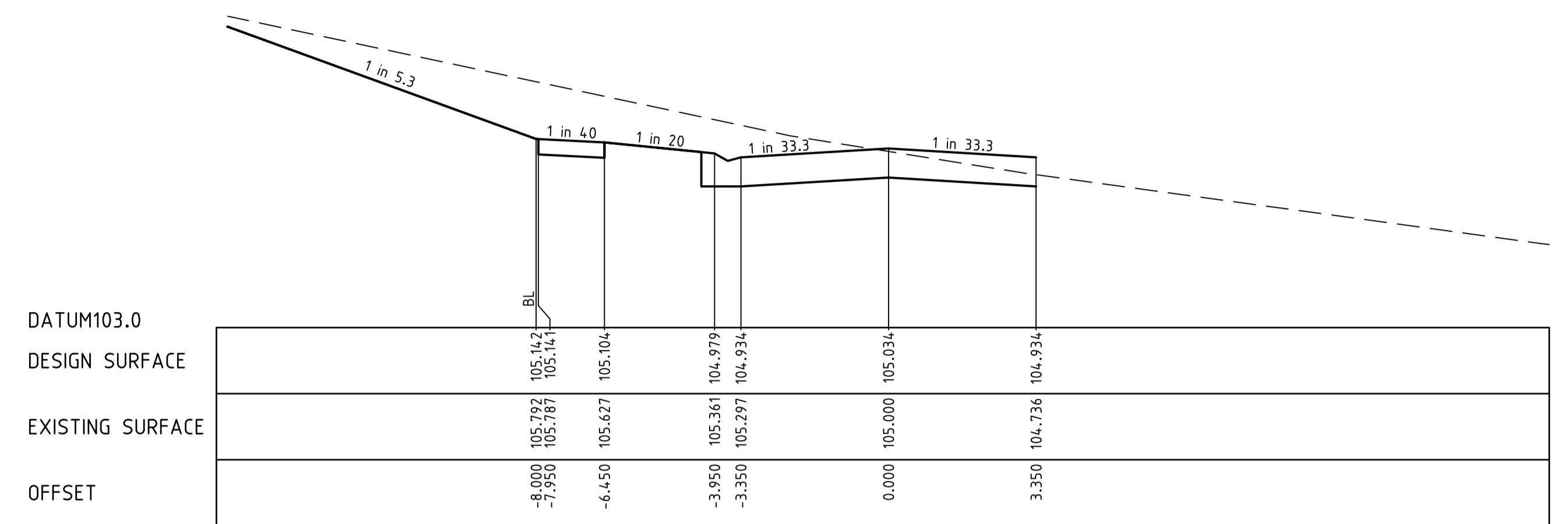


STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE

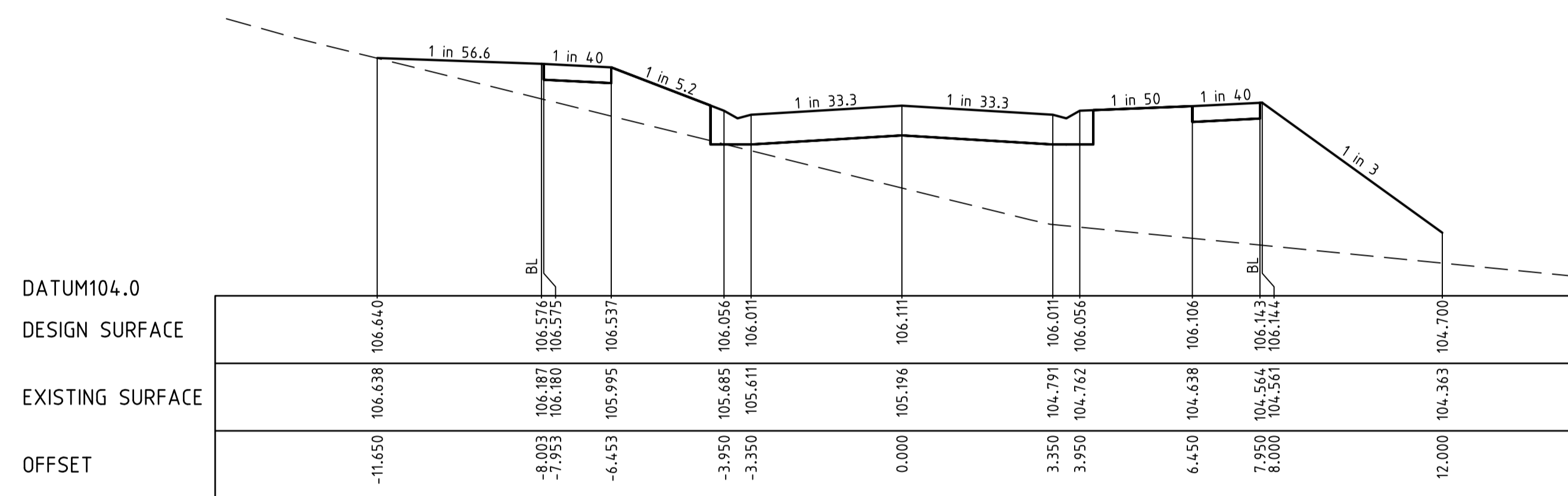
---	EXISTING SURFACE
---	DESIGN LINE
---	FUTURE DESIGN LINE



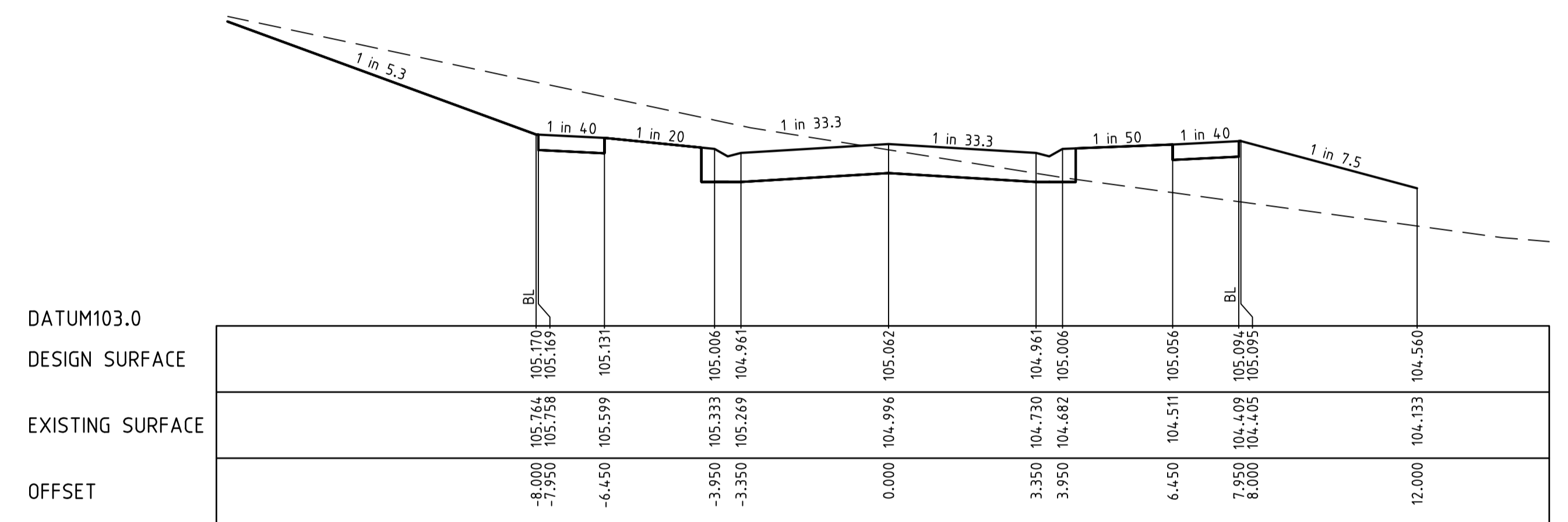
CH 38.165



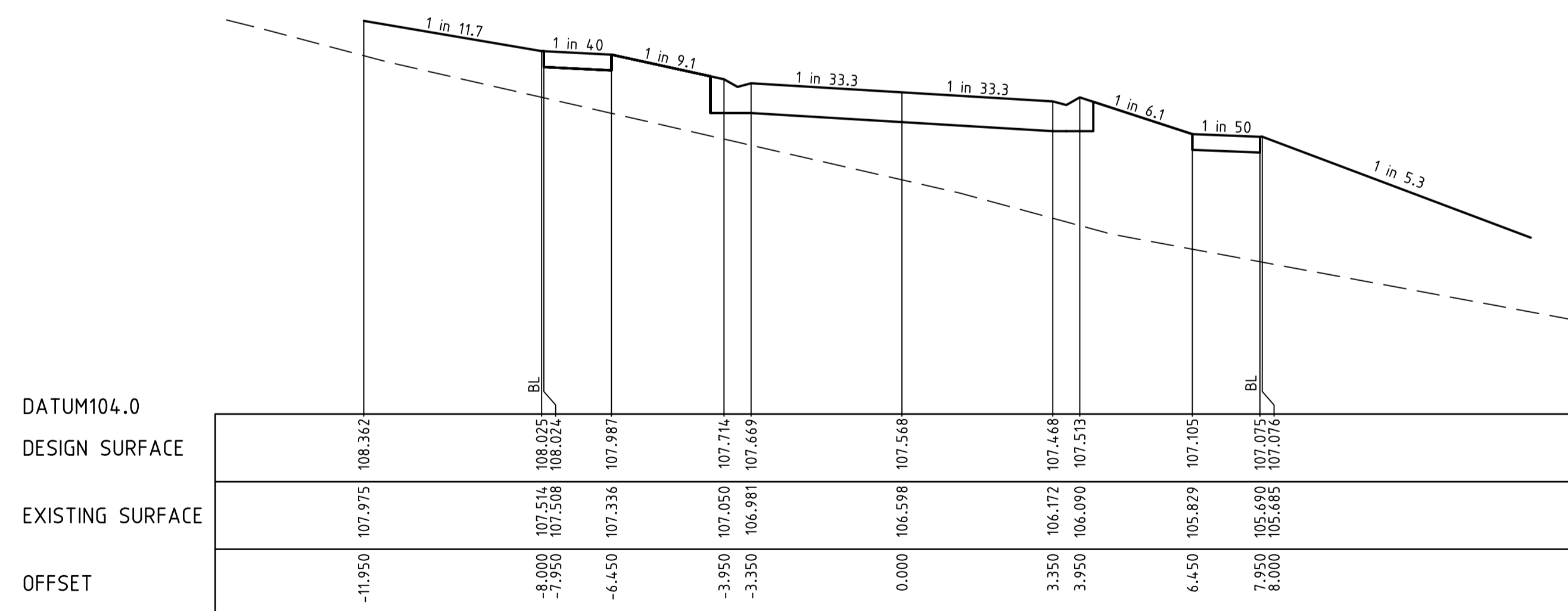
CH 70.277 (WITHIN INTERSECTION)



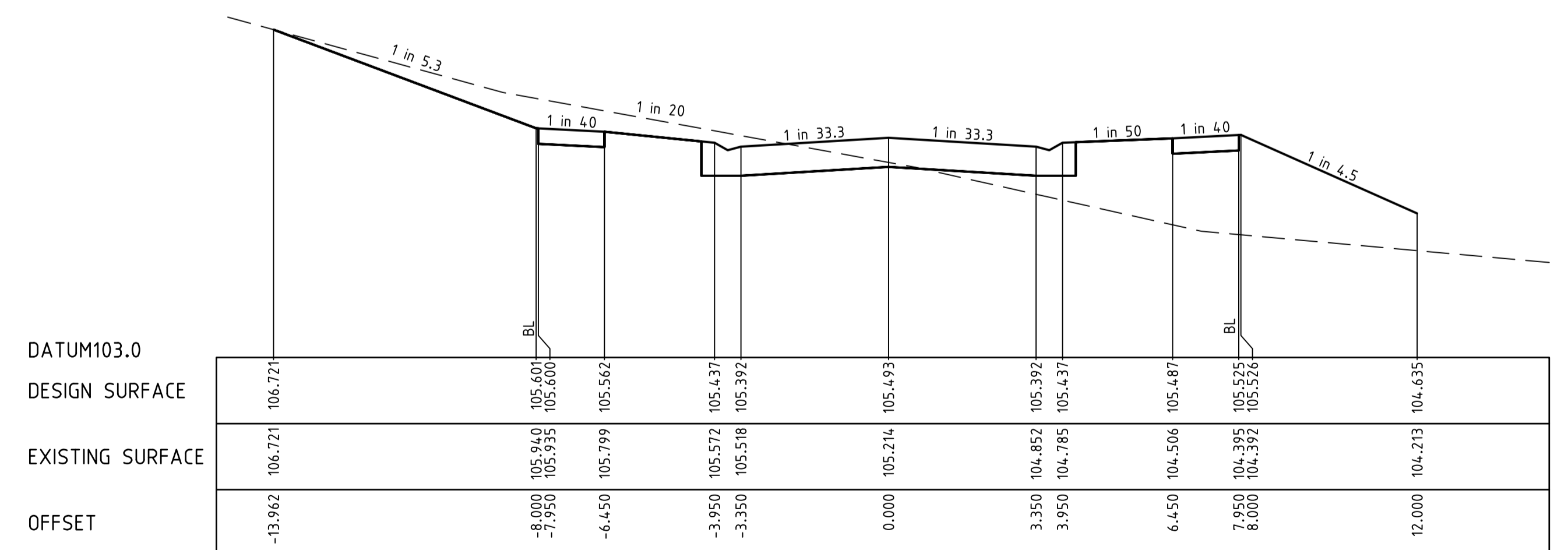
TP CH 35.823



RTP CH 68.085



LTP CH 11.950

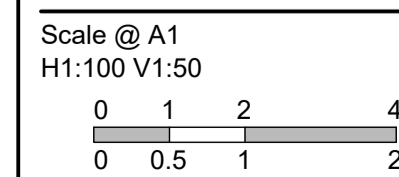


CH 50.277

REVISION	DATE	DES/DFE	APPD
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Principal  
Bernly Investments Pty Ltd  
PO Box 342  
Berwick, VIC, 3806

Designed  
A.Cantwell  
Drawn  
A.Cantwell  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
July 2019



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**WEBAR ROAD, DROUIN**  
Stage 9  
Baw Baw Shire Council - PLA0323/16  
Roadworks and Drainage  
Cross Sections - Evecta Street  
CH11.950 - CH70.277  
Drawing No. 1525-09-14  
Sheet No. 14 of 24

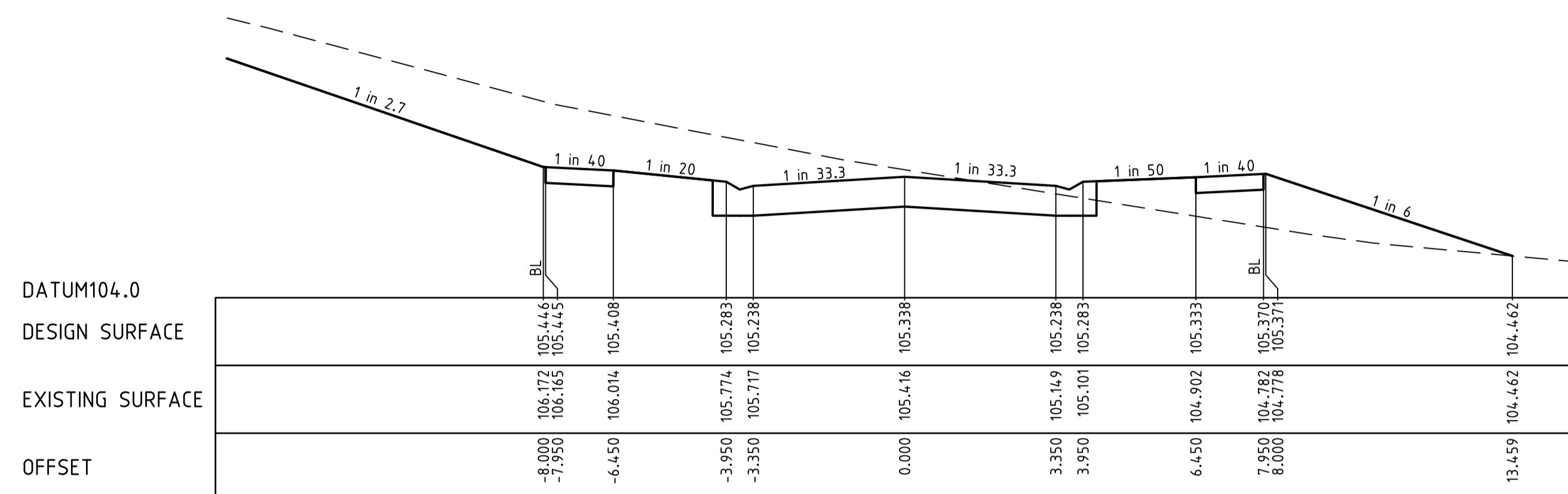
Rev A

FOR APPROVAL

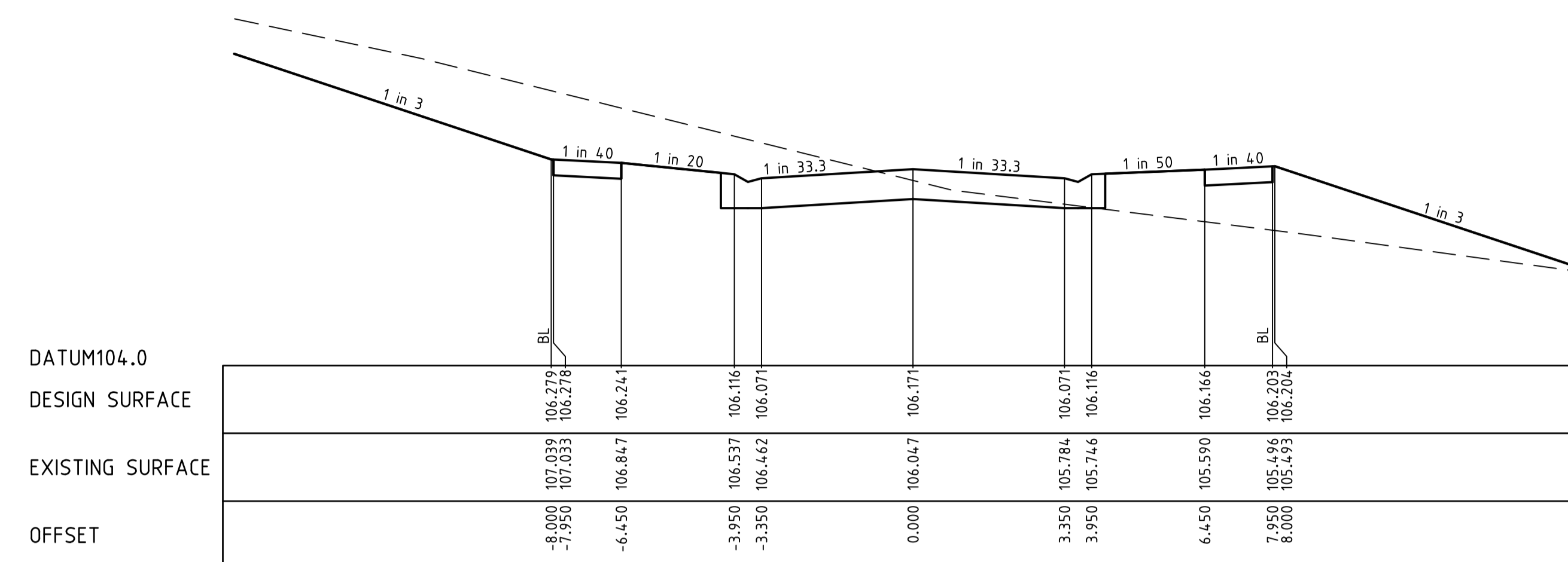


STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE

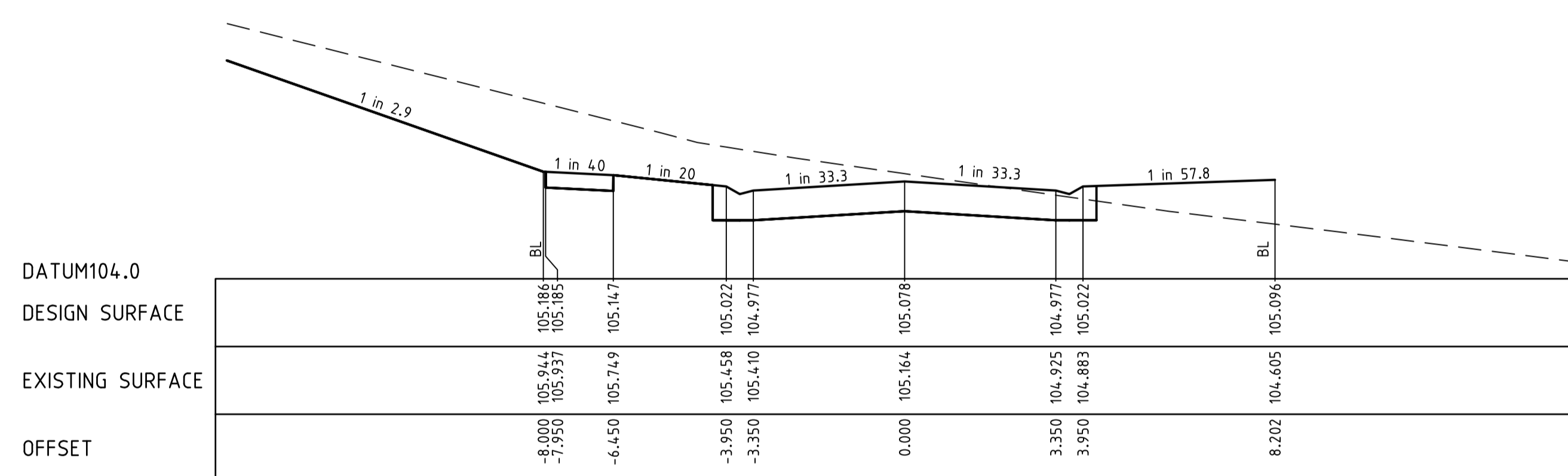
LEGEND  
 --- EXISTING SURFACE  
 --- DESIGN LINE  
 --- FUTURE DESIGN LINE



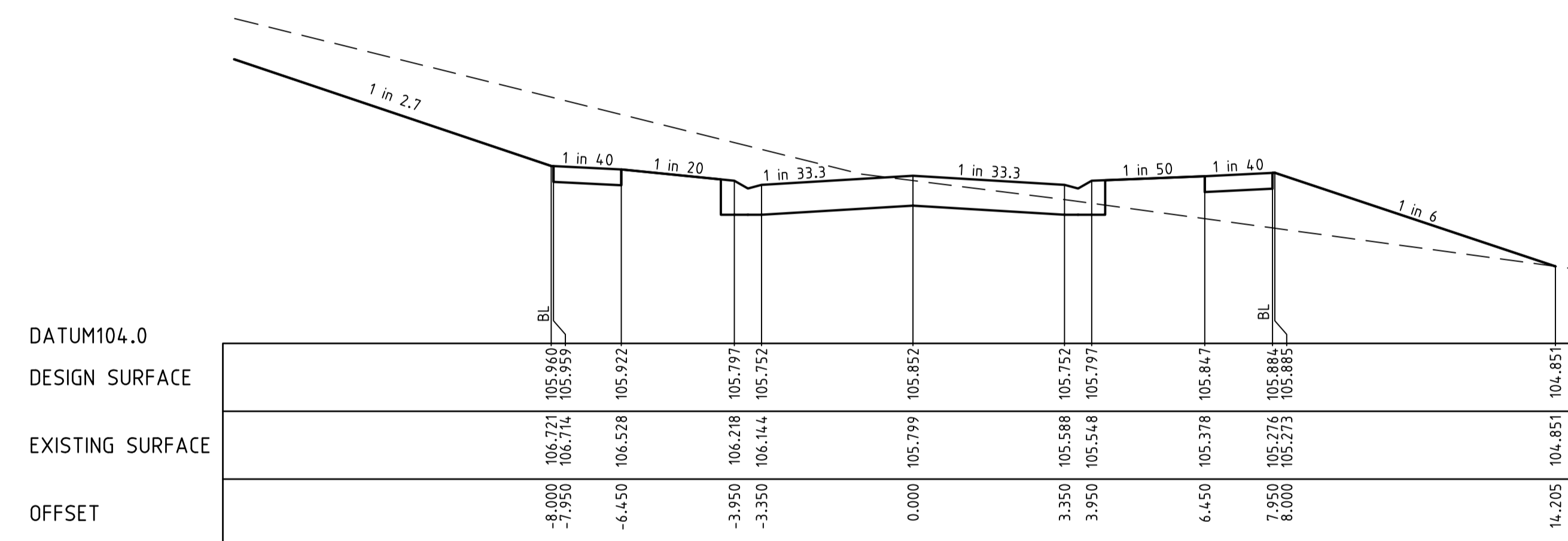
CH 110.277



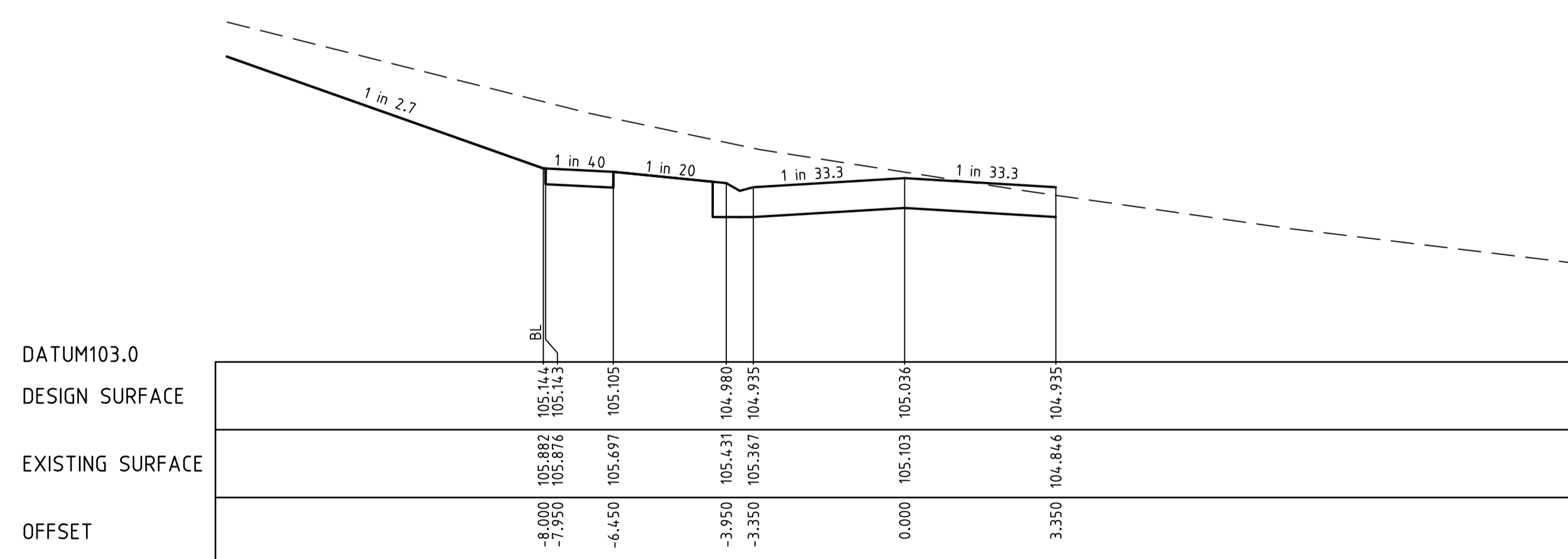
CH 130.277 (LIMIT OF WORKS)



RTP CH 94.098 (WITHIN INTERSECTION)



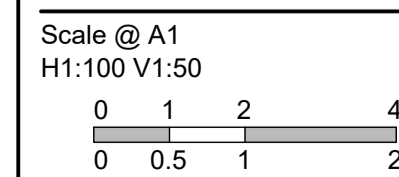
CH 124.147



CH 90.277 (WITHIN INTERSECTION)

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A	25.07.19	AC	KT
Principal			
Bernly Investments Pty Ltd			
PO Box 342			
Berwick, VIC, 3806			

Designed  
A.Cantwell  
 Drawn  
A.Cantwell  
 Checked  
M.Warry  
 Authorised  
K.Taylor  
 Date  
July 2019



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**WEEBAR ROAD, DROUIN**  
 Stage 9  
 Baw Baw Shire Council - PLA0323/16  
 Roadworks and Drainage  
 Cross Sections - Evecta Street  
 CH90.277 - CH130.277  
**Drawing No. 1525-09-15**  
 Sheet No. 15 of 24

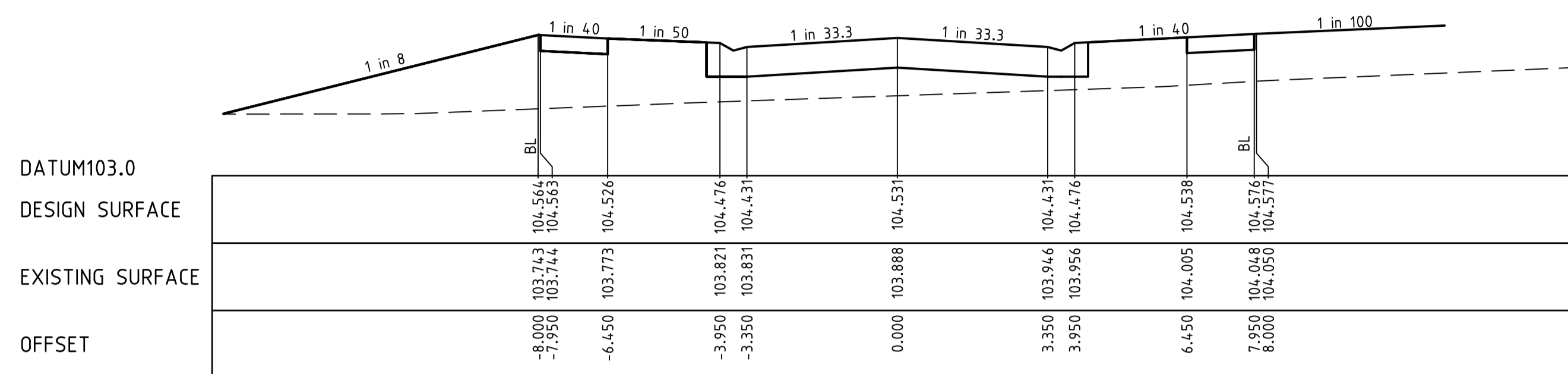
Rev A

FOR APPROVAL

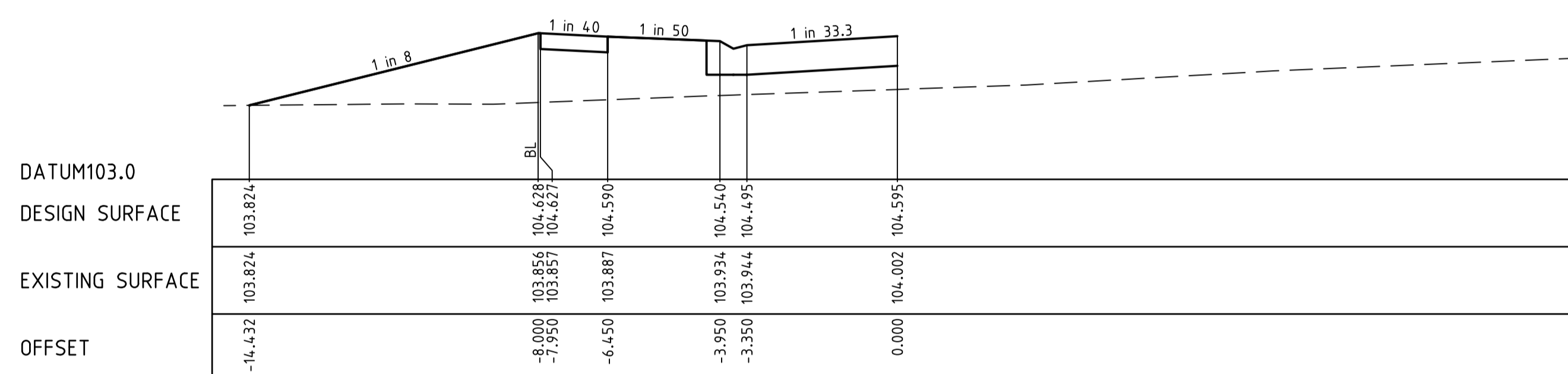


STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE

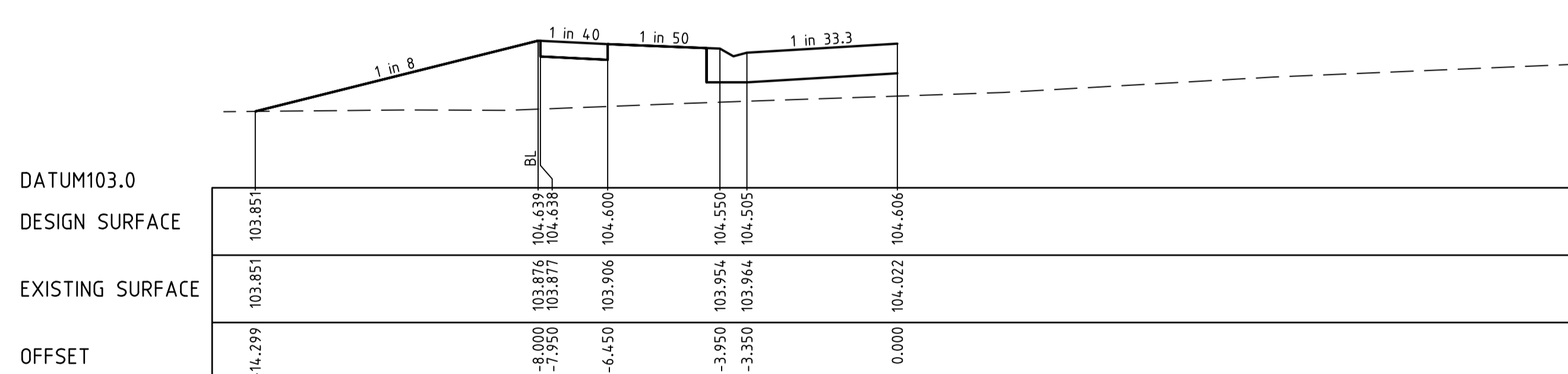
---	EXISTING SURFACE
---	DESIGN LINE
---	FUTURE DESIGN LINE



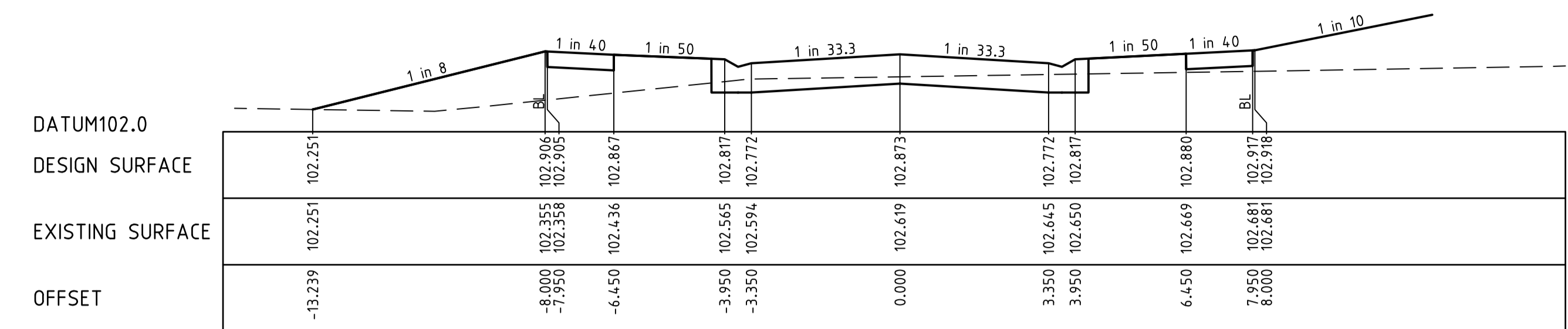
RTP CH 17.016



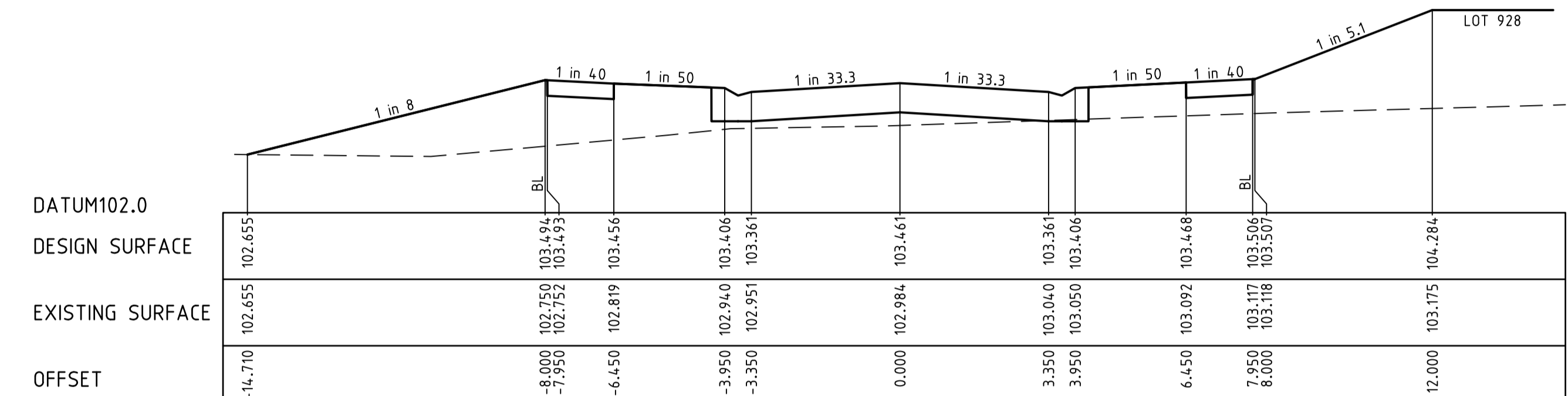
CH 14.747 (WITHIN INTERSECTION)



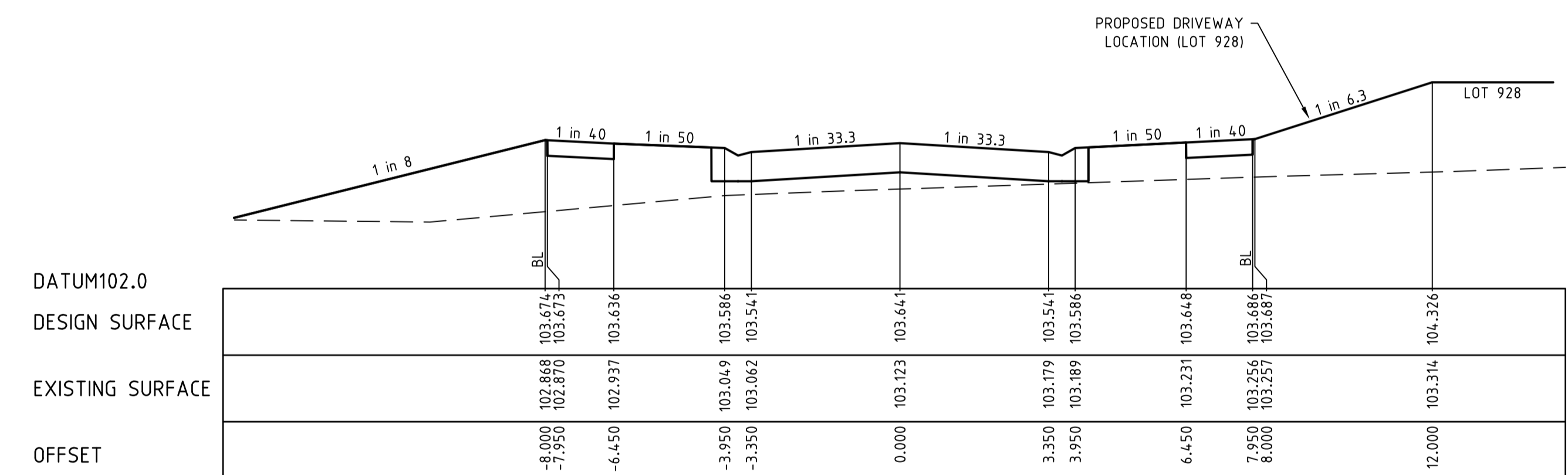
LTP CH 14.351 (WITHIN INTERSECTION)



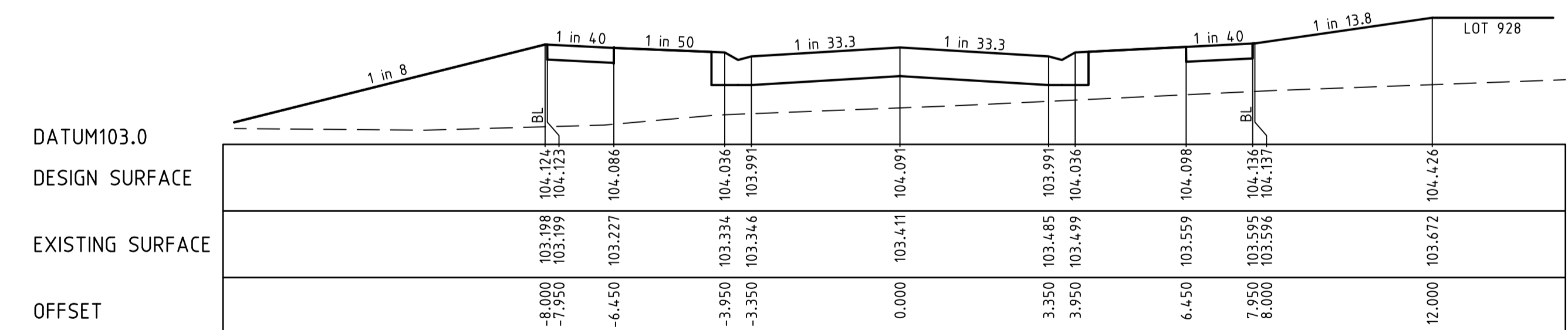
CH 56.747 (LIMIT OF WORKS)



CH 42.747



CH 38.747

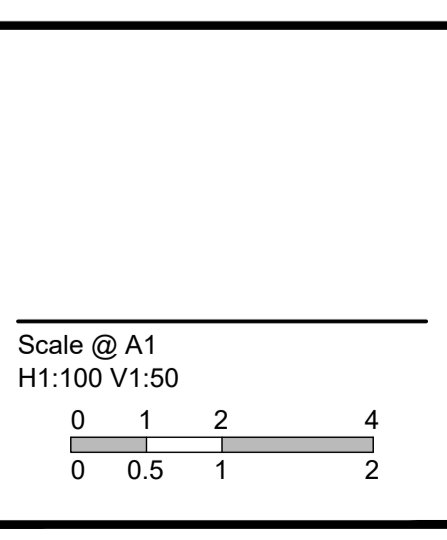


CH 28.747

REVISION	DATE	DES/DF	APPO
A INITIAL ISSUE	25.07.19	AC	KT

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Berwick, VIC, 3806

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A.Cantwell  
Drawn  
A.Cantwell  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
July 2019



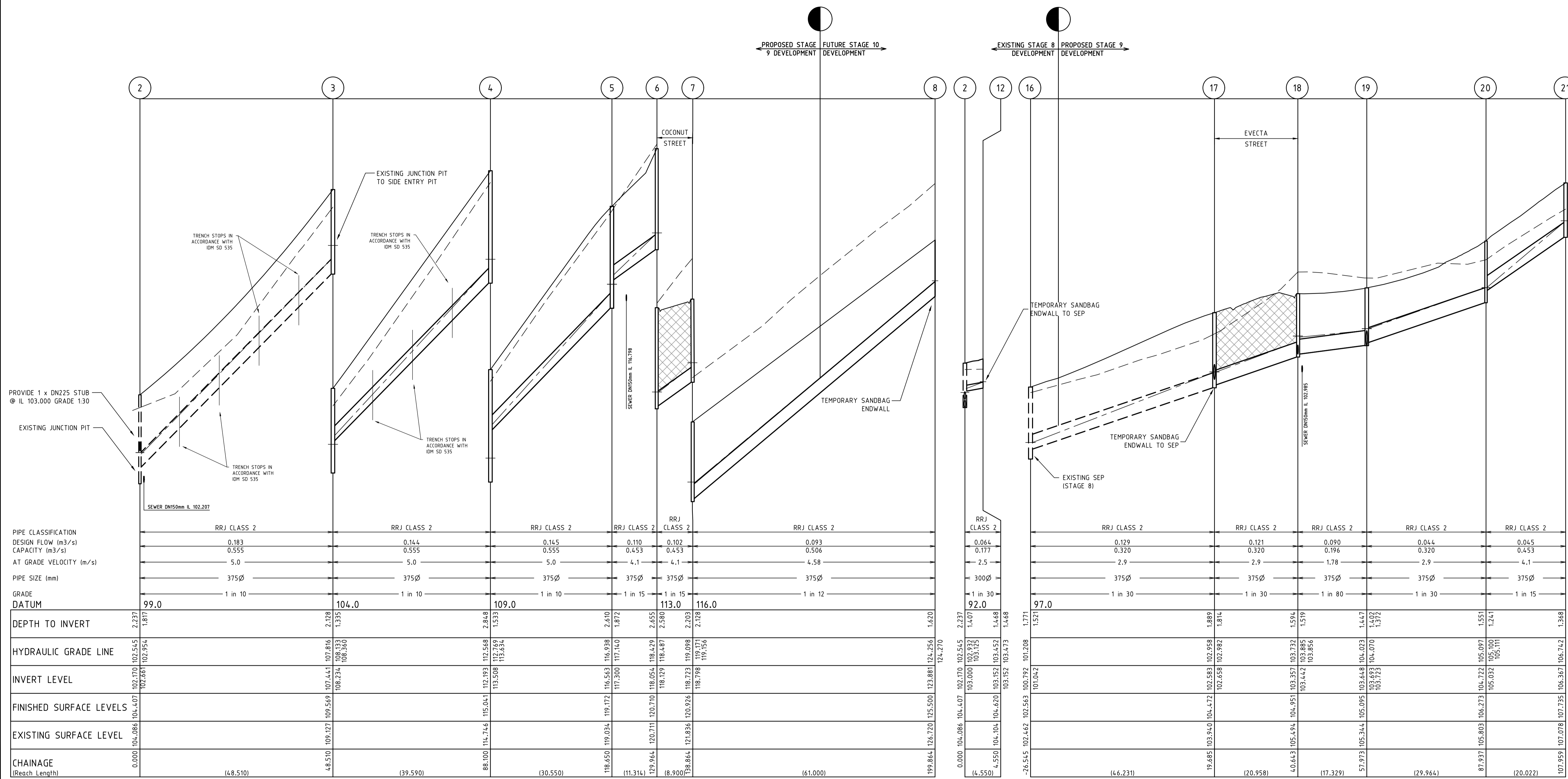
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**WEBAR ROAD, DROUIN**  
Stage 9  
Baw Baw Shire Council - PLA0323/16  
Roadworks and Drainage  
Cross Sections - Sadleria Street  
CH14.351 - CH56.747  
Drawing No. 1525-09-16  
Sheet No. 16 of 24  
Rev A  
**FOR APPROVAL**



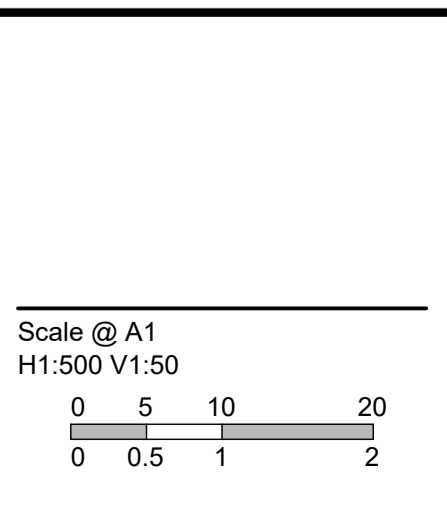
LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	CLASS 2 CRB
	CLASS 3 CRB



REVISION	DATE	DES/DF	APPD
A	25.07.19	AC	KT

Principal  
Bernly Investments Pty Ltd  
PO Box 342  
Berwick, VIC, 3806

Designed  
A.Cantwell  
Drawn  
A.Cantwell  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
July.2019



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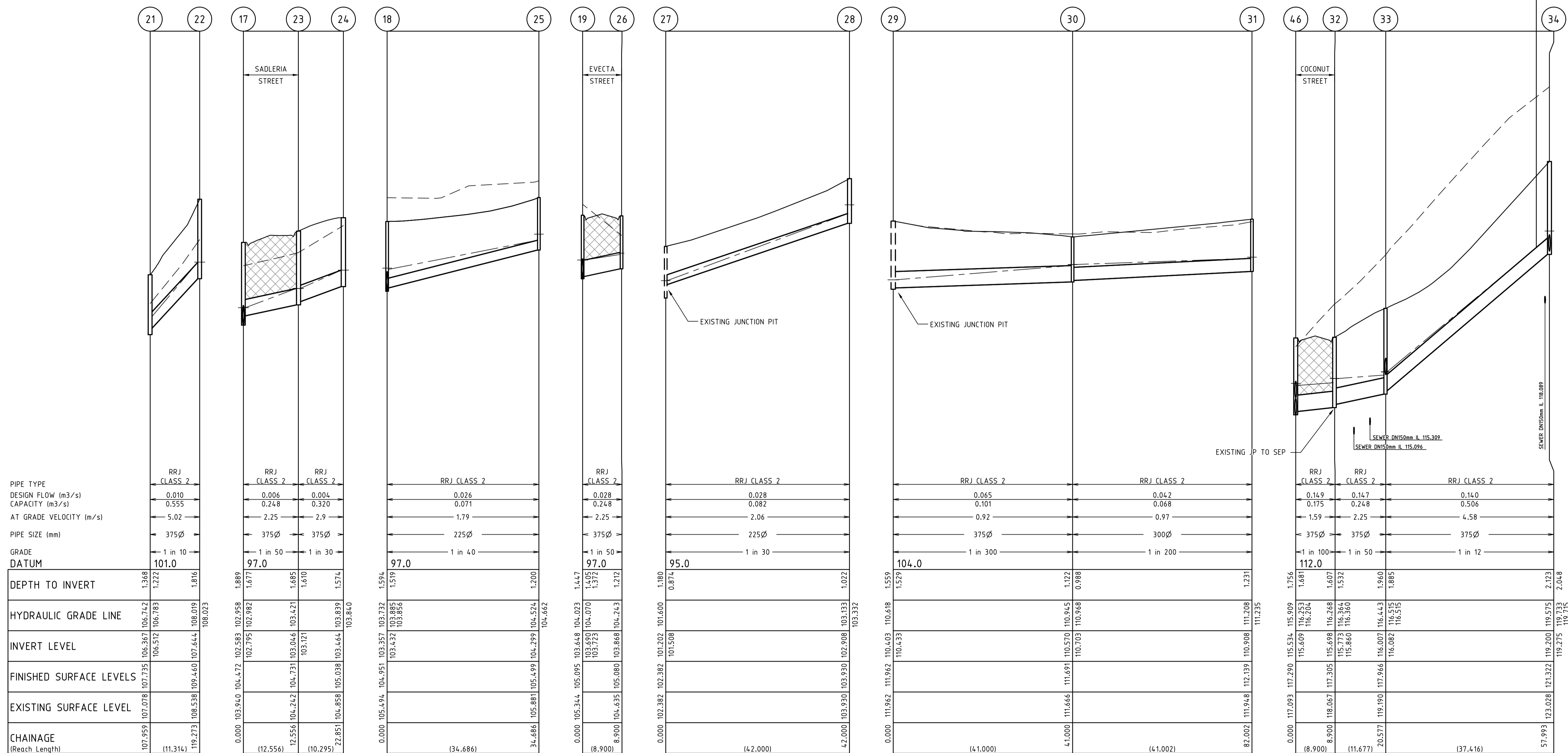
**WEEBAR ROAD, DROUIN**  
Stage 9  
Baw Baw Shire Council - PLA0323/16  
Roadworks and Drainage  
Drainage Longitudinal Sections - 1

Drawing No. 1525-09-17      Rev A  
Sheet No. 17 of 24

**FOR APPROVAL**

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	CLASS 2 CRB
	CLASS 3 CRB

PROPOSED STAGE 9 DEVELOPMENT      FUTURE STAGE 13 DEVELOPMENT



I:\work\1525 - weebar rd drouin\1525-09\dwg\1525-09-18

DESIGNED	A.Cantwell	DATE	25.07.19	DES/DFE	AC	APPRO	KT
DRAWN	A.Cantwell						
CHECKED	M.Warry						
AUTHORISED	K.Taylor						
DATE	July 2019						
Principal Bernly Investments Pty Ltd PO Box 342 Berwick, VIC, 3806							

Designed  
A.Cantwell  
Drawn  
A.Cantwell  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
July 2019

Scale @ A1  
H1:500 V1:50  
0 5 10 20  
0 0.5 1 2

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ABN 96 153 508 199

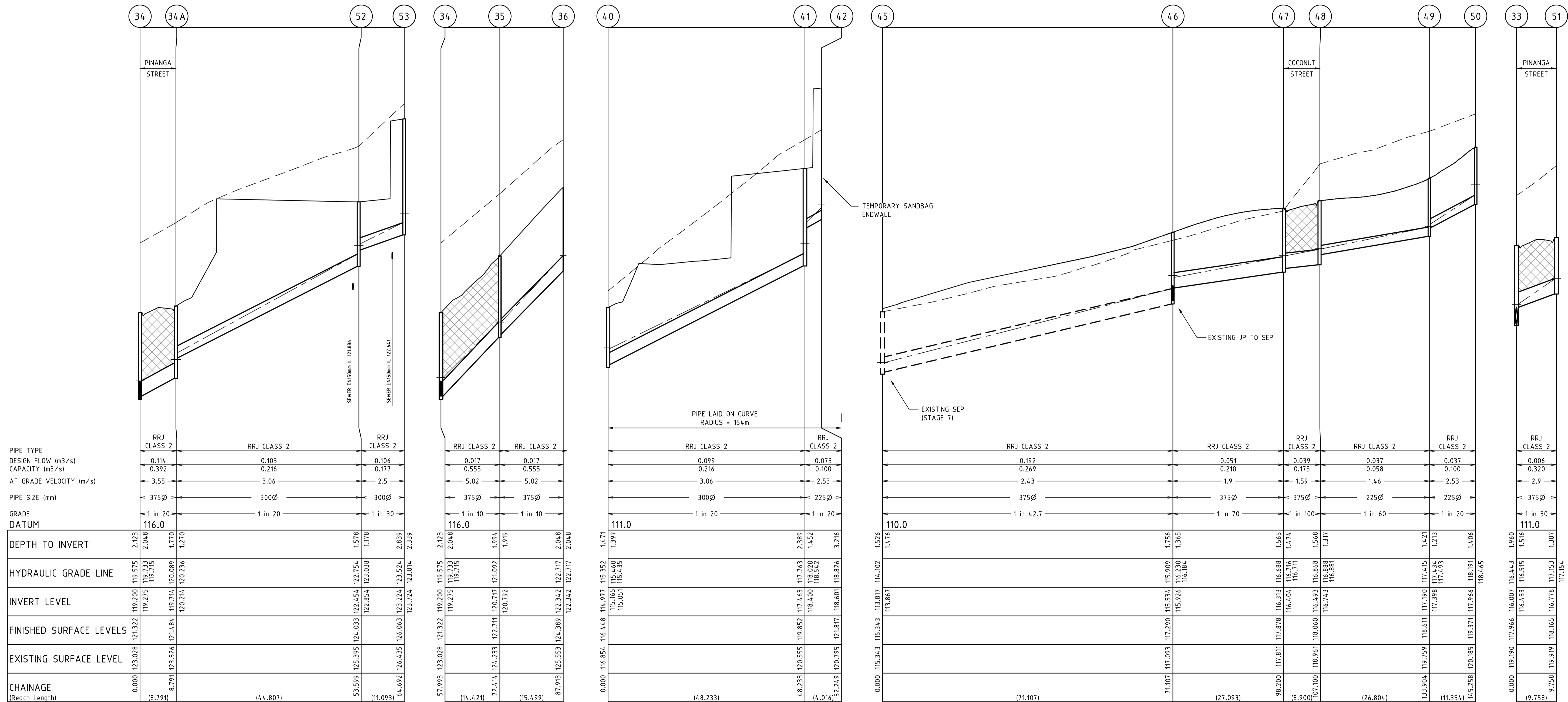
**WEEBAR ROAD, DROUIN**  
Stage 1  
Baw Baw Shire Council - PLA0323/16  
Roadworks and Drainage  
Drainage Longitudinal Sections - 2

Drawing No. 16028-01-18  
Sheet No. 18 of 24

Rev C

FOR APPROVAL

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	CLASS 2 CRB
	CLASS 3 CRB



PIPE TYPE	DESIGN FLOW (m <sup>3</sup> /s)	CAPACITY (m <sup>3</sup> /s)	AT GRADE VELOCITY (m/s)	PIPE SIZE (mm)	GRADE	DATUM
RRJ CLASS 2	0.114	0.392	3.55	375Ø	1 in 20	116.0
RRJ CLASS 2	0.105	0.216	3.06	300Ø	1 in 20	116.0
RRJ CLASS 2	0.106	0.177	2.5	300Ø	1 in 30	116.0
RRJ CLASS 2	0.017	0.555	5.02	375Ø	1 in 10	116.0
RRJ CLASS 2	0.017	0.555	5.02	375Ø	1 in 10	116.0
RRJ CLASS 2	0.099	0.216	3.06	300Ø	1 in 20	111.0
RRJ CLASS 2	0.073	0.100	2.53	225Ø	1 in 20	111.0
RRJ CLASS 2	0.192	0.269	2.43	375Ø	1 in 42.7	110.0
RRJ CLASS 2	0.210	0.100	1.9	375Ø	1 in 70	110.0
RRJ CLASS 2	0.039	0.175	1.59	375Ø	1 in 100	110.0
RRJ CLASS 2	0.037	0.058	1.46	225Ø	1 in 60	110.0
RRJ CLASS 2	0.037	0.100	2.53	225Ø	1 in 20	110.0
RRJ CLASS 2	0.006	0.320	2.9	375Ø	1 in 30	111.0

DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	FINISHED SURFACE LEVELS	EXISTING SURFACE LEVEL	CHAINAGE (Reach Length)
2.123	119.575	119.200	121.322	123.028	0.000
2.048	119.715	119.275	121.322	123.028	8.791
1.710	120.089	119.714	121.484	123.526	11.093
1.270	120.236	120.214	120.236	126.435	14.807
2.839	123.524	123.224	125.063	126.435	15.258
2.339	123.814	123.724	123.814	126.435	15.528
2.123	119.575	119.200	121.322	123.028	57.993
2.048	119.715	119.275	121.322	123.028	66.784
1.994	121.092	120.717	122.711	124.233	72.414
1.919	120.792	120.792	122.711	124.233	81.913
2.048	122.717	122.342	124.389	125.553	87.913
2.048	122.717	122.342	124.389	125.553	96.704
1.471	115.352	114.977	116.448	116.854	0.000
1.397	115.490	115.115	116.448	116.854	8.791
1.452	117.763	117.463	119.852	120.555	14.823
3.216	118.542	118.400	120.555	120.555	22.249
1.526	114.102	113.817	114.102	115.343	0.000
1.476	114.102	113.817	114.102	115.343	8.791
1.756	115.909	115.534	117.290	117.093	71.107
1.365	116.230	115.926	117.290	117.093	79.998
1.565	116.688	116.313	117.878	118.111	88.789
1.474	116.716	116.404	117.878	118.111	97.580
1.568	116.868	116.493	118.060	118.961	106.371
1.317	116.981	116.743	118.060	118.961	115.162
1.421	117.415	117.190	118.611	119.759	123.904
1.213	117.433	117.398	118.611	119.759	132.695
1.406	118.191	117.966	119.371	120.185	141.486
1.960	116.443	116.007	117.966	118.961	0.000
1.516	116.515	116.453	117.966	118.961	8.791
1.387	117.53	117.478	118.165	118.919	17.58
1.387	117.53	117.478	118.165	118.919	26.371

REVISION	DATE	DES/DFT	APPD
A	25.07.19	AC	KT

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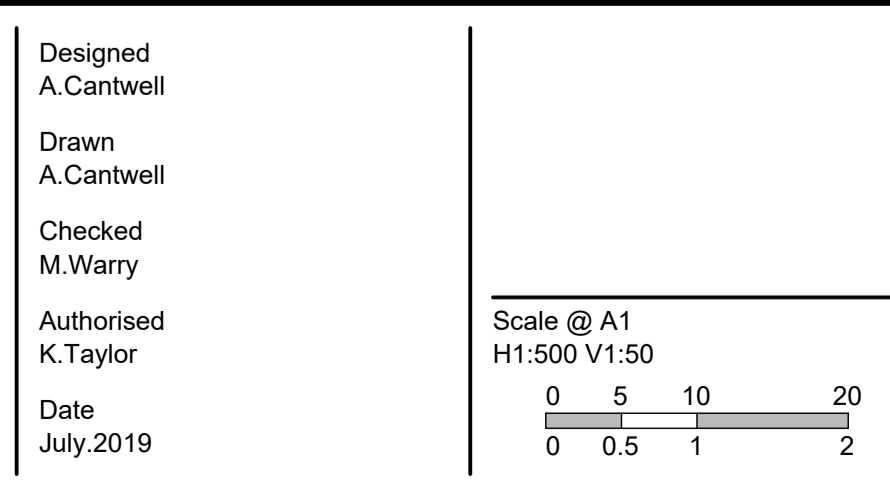
Designed  
 A.Cantwell

Drawn  
 A.Cantwell

Checked  
 M.Warry

Authorised  
 K.Taylor

Date  
 July.2019



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**WEEBAR ROAD, DROUIN**  
 Stage 9  
 Baw Baw Shire Council - PLA0323/16  
 Roadworks and Drainage  
 Drainage Longitudinal Sections - 3

Drawing No. 1525-09-19      Rev A

Sheet No. 19 of 24

**FOR APPROVAL**



PIT SCHEDULE											
PIT NUMBER	TYPE	INTERNAL		INLET		OUTLET		COVER LEVEL (m)	DEPTH (m)	STANDARD DRAWING	REMARKS
		WIDTH (mm)	LENGTH (mm)	DIA. (mm)	INVERT RL (m)	DIA. (mm)	INVERT RL (m)				
2	Ex PIT	900	600	375	102.59	375	102.17	104.407	2.237	IDM SD 420	EXISTING JUNCTION PIT
				225	103						
3	SIDE ENTRY PIT	900	600	375	108.234	375	107.441	109.569	2.128	IDM SD 440	EXISTING SIDE ENTRY PIT
4	SIDE ENTRY PIT	900	600	375	113.508	375	112.193	115.041	2.848	IDM SD 440	
5	SIDE ENTRY PIT	900	600	375	117.3	375	116.563	119.172	2.61	IDM SD 440	
6	SIDE ENTRY PIT	900	600	375	118.129	375	118.054	120.71	2.655	IDM SD 440	
7	SIDE ENTRY PIT	900	600	375	118.798	375	118.723	120.926	2.203	IDM SD 440	
8	ENDWALL			375	123.881	375	123.881	125.501	1.62		TEMPORARY SANDBAG ENDWALL
17	SIDE ENTRY PIT	900	600	375	102.658	375	102.583	104.472	1.889	IDM SD 440	CONVERT EXISTING SANDBAG ENDWALL TO SIDE ENTRY PIT
				375	102.795						
18	SIDE ENTRY PIT	900	600	375	103.432	375	103.357	104.951	1.594	IDM SD 440	
				225	103.432						
19	SIDE ENTRY PIT	900	600	375	103.723	375	103.648	105.095	1.447	IDM SD 440	
				375	103.69						
20	JUNCTION PIT	900	600	375	105.032	375	104.722	106.273	1.551	IDM SD 420	
21	SIDE ENTRY PIT	900	600	375	106.512	375	106.367	107.735	1.368	IDM SD 440	
22	SIDE ENTRY PIT	900	600			375	107.644	109.46	1.816	IDM SD 440	
23	SIDE ENTRY PIT	900	600	375	103.121	375	103.046	104.731	1.685	IDM SD 440	
24	SIDE ENTRY PIT	900	600			375	103.464	105.038	1.574	IDM SD 440	
25	SIDE ENTRY PIT	900	600			225	104.299	105.499	1.2	IDM SD 440	
26	SIDE ENTRY PIT	900	600			375	103.868	105.08	1.212	IDM SD 440	
27	JUNCTION PIT	900	600	225	101.508			102.382	1.18	IDM SD 420	CONVERT EXISTING SANDBAG ENDWALL TO JUNCTION PIT
28	JUNCTION PIT	900	600			225	102.908	103.93	1.022	IDM SD 420	
29	Ex PIT			375	110.433			111.962	1.559		EXISTING JUNCTION PIT
30	JUNCTION PIT	900	600	300	110.703	375	110.57	111.691	1.122	IDM SD 420	
31	JUNCTION PIT	900	600			300	110.908	112.139	1.231	IDM SD 420	
32	SIDE ENTRY PIT	900	600	375	115.773	375	115.698	117.305	1.607	IDM SD 440	
33	SIDE ENTRY PIT	900	600	375	116.082	375	116.007	117.968	1.962	IDM SD 440	
				375	116.453						
34	JUNCTION PIT	900	600	375	119.275	375	119.2	121.322	2.123	IDM SD 420	TO BE CONVERTED TO SIDE ENTRY PIT DURING STAGE 13
				375	119.275						
34A	JUNCTION PIT	900	600	300	120.214	375	119.714	121.484	1.77	IDM SD 420	TO BE CONVERTED TO SIDE ENTRY PIT DURING STAGE 13 CONSTRUCTION
35	JUNCTION PIT	900	600	375	120.792	375	120.717	122.711	1.994	IDM SD 420	
36	ENDWALL			375	122.342	375	122.342	124.389	2.048		TEMPORARY SANDBAG ENDWALL
40	JUNCTION PIT	900	600	300	115.051	375	114.977	116.448	1.471	IDM SD 420	EXISTING JUNCTION PIT
41	JUNCTION PIT	900	600	225	118.4	300	117.463	119.852	2.389	IDM SD 420	
42	ENDWALL			225	118.601	225	118.601	121.817	3.216		TEMPORARY SANDBAG ENDWALL
46	SIDE ENTRY PIT	900	600	375	115.926	375	115.534	117.290	1.756	IDM SD 440	
				375	115.609						
47	SIDE ENTRY PIT	900	600	375	116.404	375	116.313	117.878	1.565	IDM SD 440	
48	SIDE ENTRY PIT	900	600	225	116.743	375	116.493	118.060	1.568	IDM SD 440	
49	JUNCTION PIT	900	600	225	117.398	225	117.190	118.611	1.421	IDM SD 420	
50	JUNCTION PIT	900	600			225	117.966	119.371	1.406	IDM SD 420	
51	SIDE ENTRY PIT	900	600			375	116.778	118.165	1.387	IDM SD 440	
52	JUNCTION PIT	900	600	300	122.854	300	122.454	124.033	1.578	IDM SD 420	BASE ONLY - TO BE COMPLETED AS A PART OF STAGE 13 WORKS
53	JUNCTION PIT	900	600	225	123.724	300	123.224	126.063	2.839	IDM SD 420	BASE ONLY - TO BE COMPLETED AS A PART OF STAGE 13 WORKS

I:\work\1525 - weebar rd drouin\1525-09\dwg\1525-09-20

DESIGNED	A. Cantwell	DATE	25.07.19	DES/DF	AC	APPD	KT
DRAWN	A. Cantwell						
CHECKED	M. Warry						
AUTHORISED	K. Taylor						
DATE	July 2019						
REVISION							
A	INITIAL ISSUE						

Principal  
Bernly Investments Pty Ltd  
PO Box 342  
Berwick, VIC, 3806

Designed  
A. Cantwell  
Drawn  
A. Cantwell  
Checked  
M. Warry  
Authorised  
K. Taylor  
Date  
July 2019

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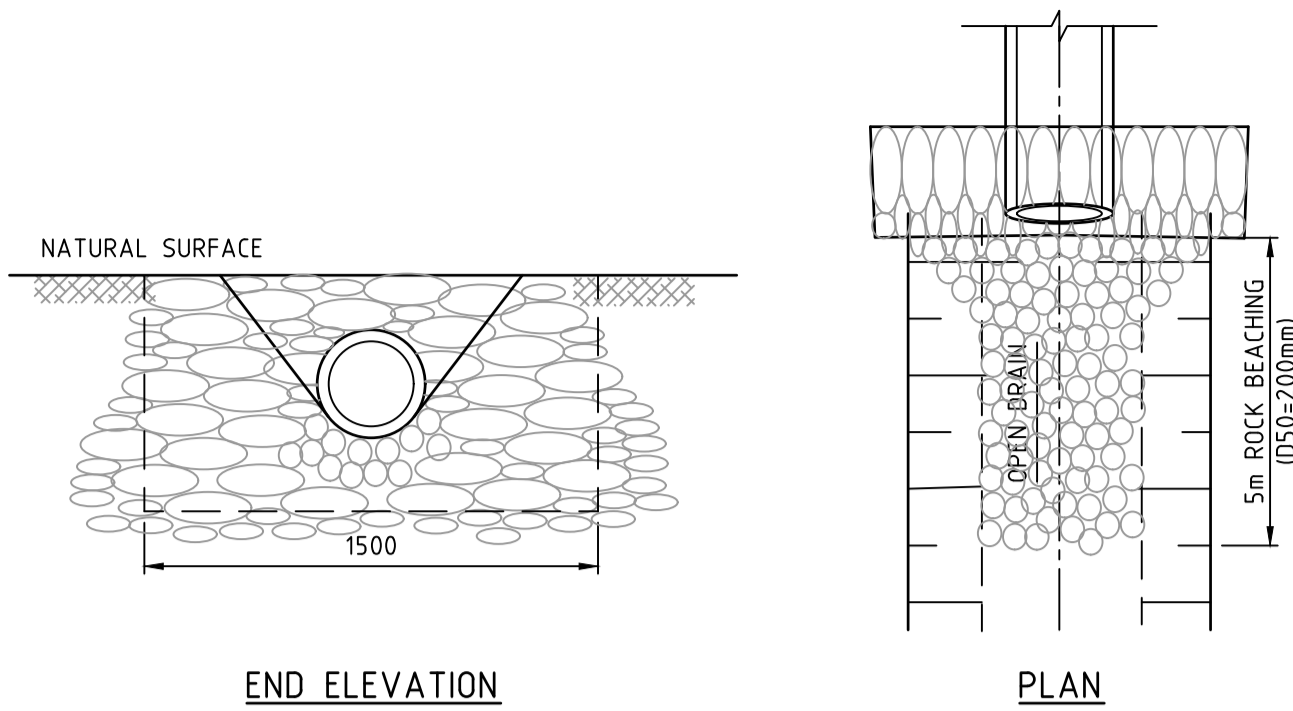
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ABN 96 153 508 199

**WEEBAR ROAD, DROUIN**  
Stage 9  
Baw Baw Shire Council - PLA0323/16  
Roadworks and Drainage  
Pit Schedule

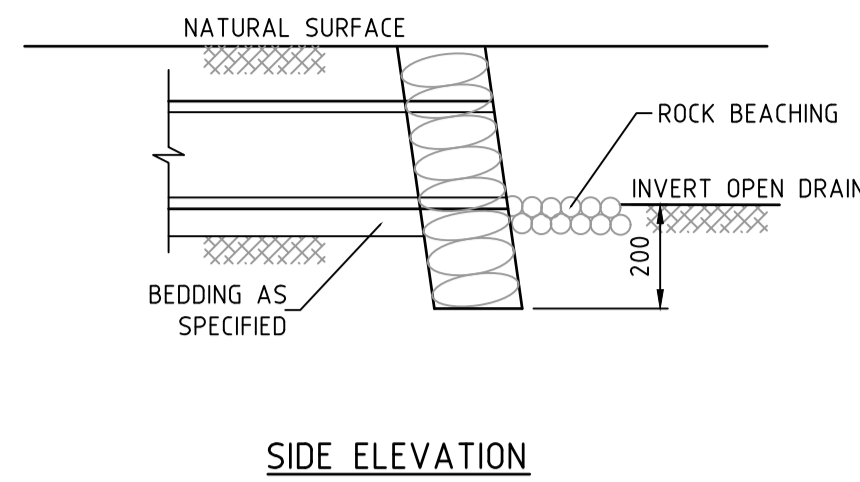
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Sheet No. 20 of 24

**FOR APPROVAL**

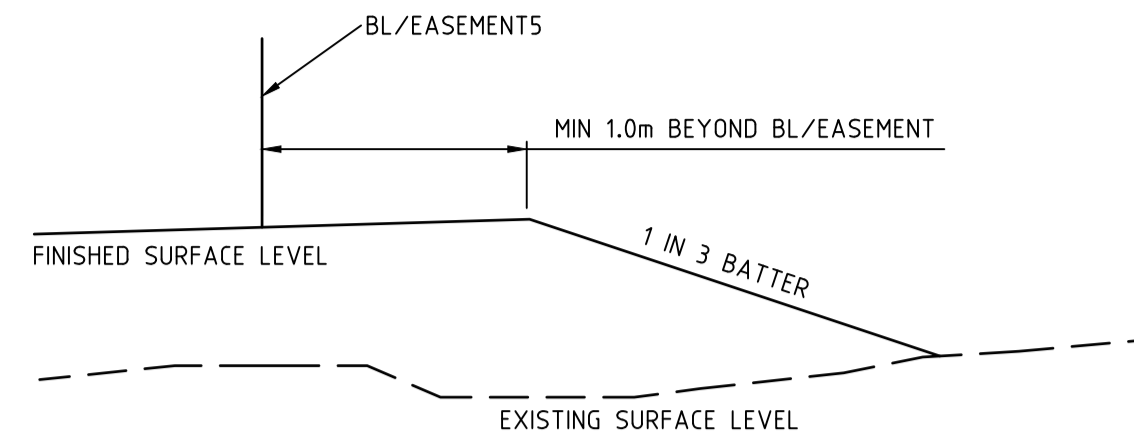




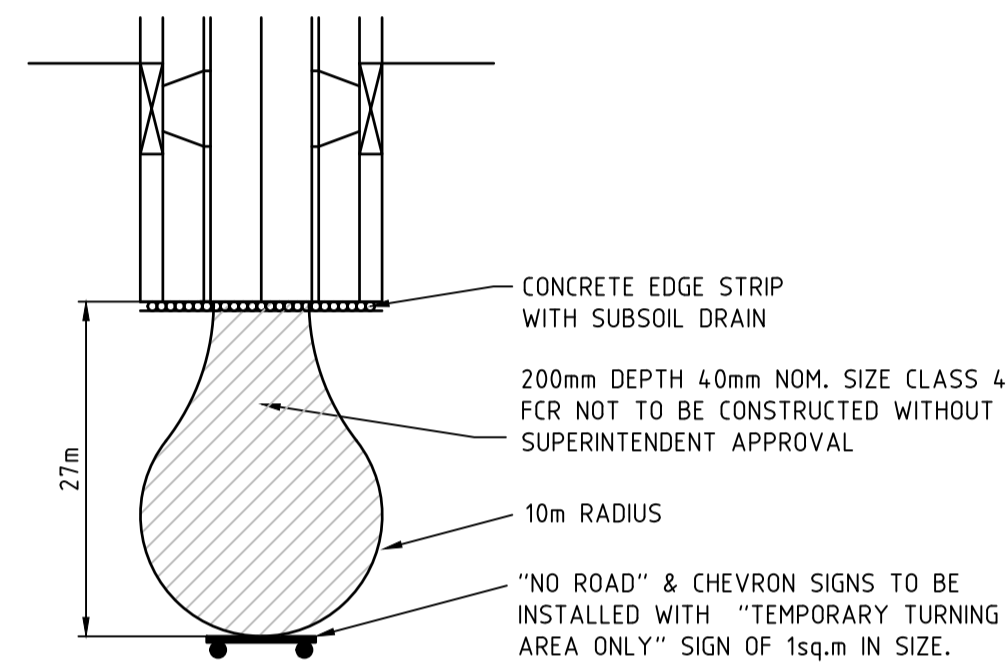
**SANDBAG ENDWALL DETAIL**  
NOT TO SCALE



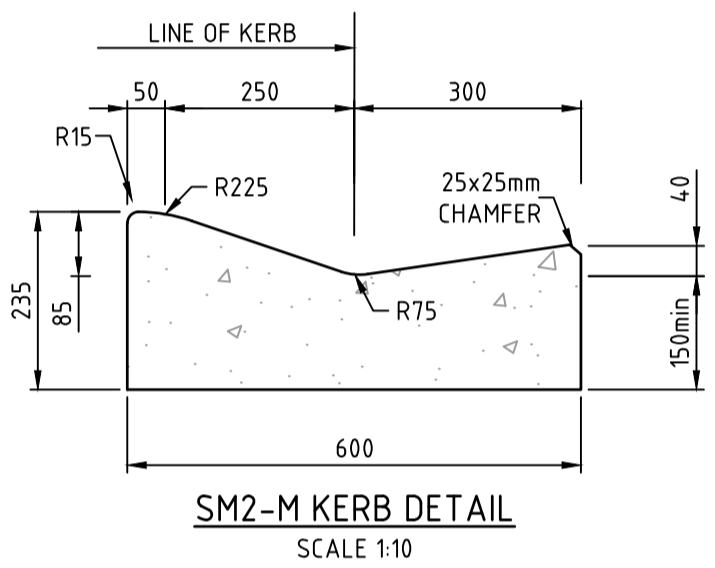
**SIDE ELEVATION**



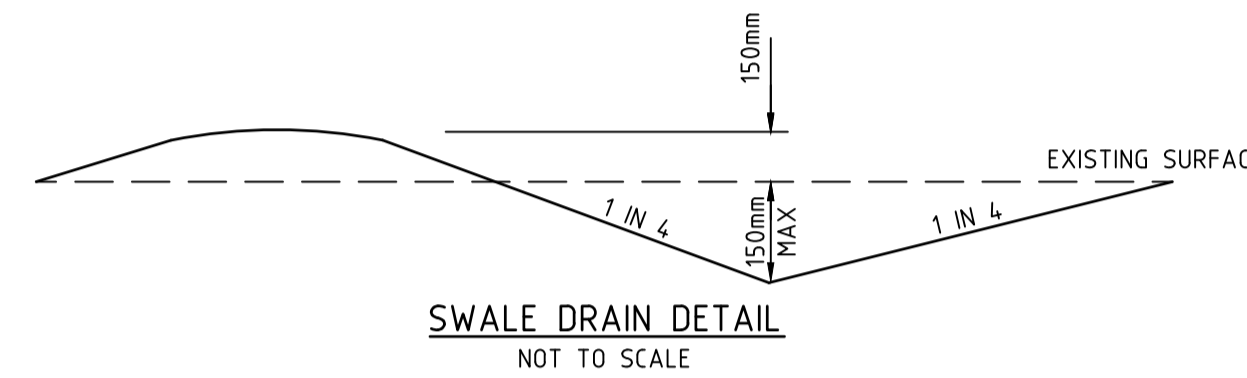
**TYPICAL FILL BATTER DETAIL**  
NOT TO SCALE



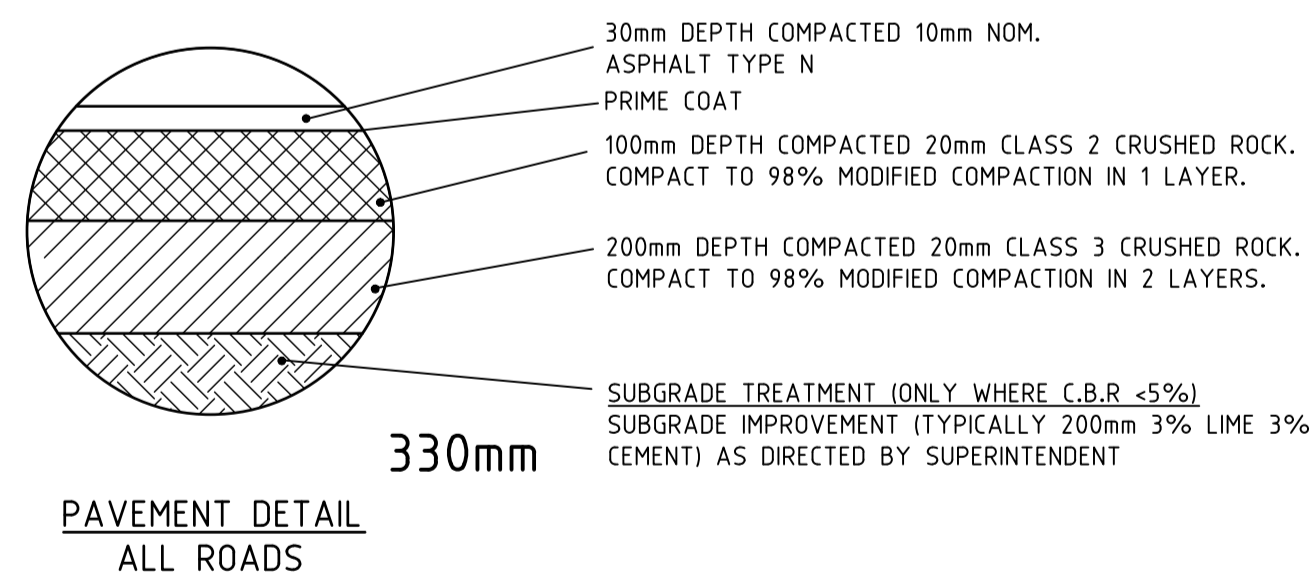
**TYPICAL TEMPORARY TURN AREA DETAIL**  
NOT TO SCALE



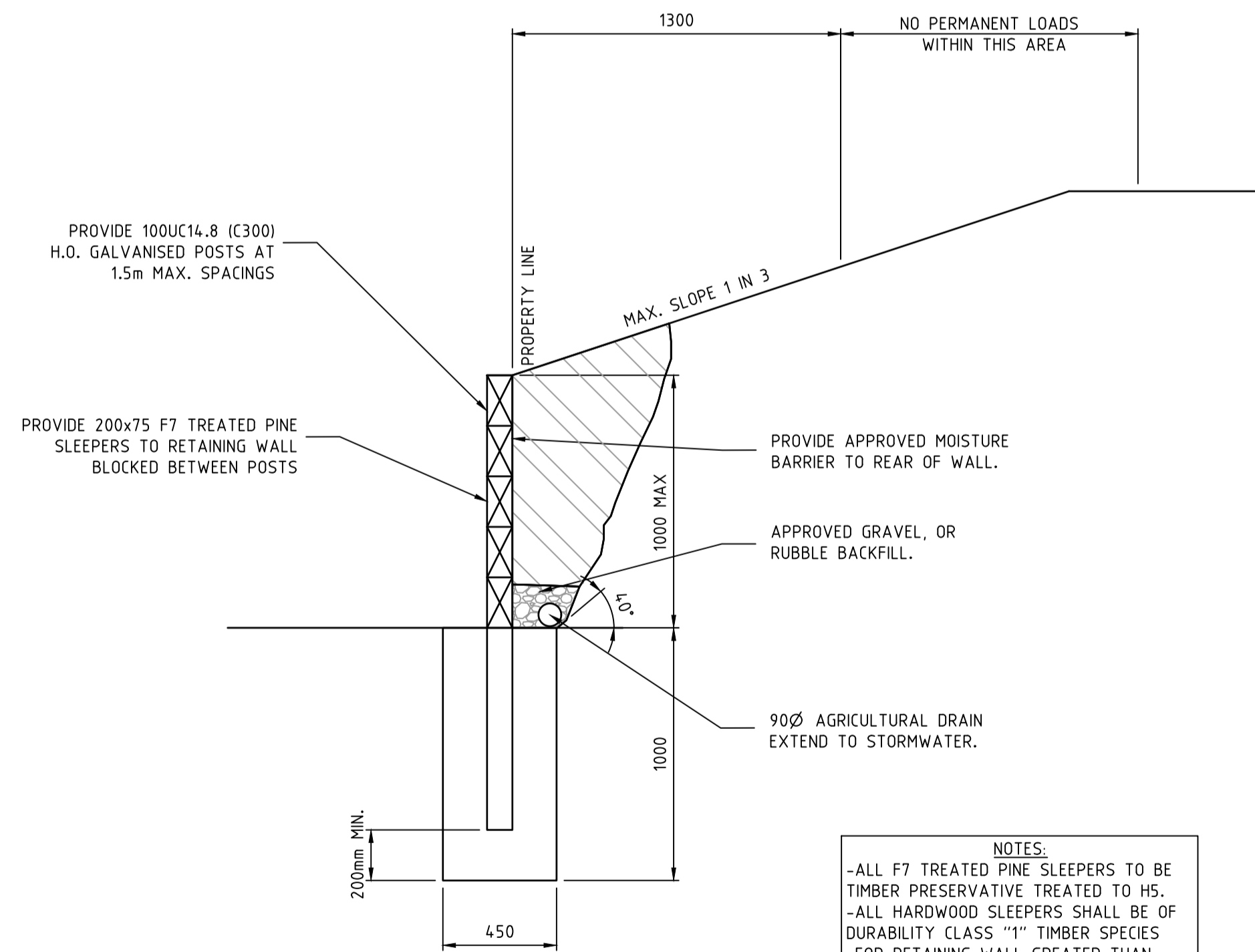
**SM2-M KERB DETAIL**  
SCALE 1:10



**SWALE DRAIN DETAIL**  
NOT TO SCALE



**PAVEMENT DETAIL**  
ALL ROADS



**TYPICAL RETAINING WALL DETAIL**  
(RETAINING WALL HEIGHT 1.0m)  
NOT TO SCALE

**NOTES:**  
-ALL F7 TREATED PINE SLEEPERS TO BE TIMBER PRESERVATIVE TREATED TO HS.  
-ALL HARDWOOD SLEEPERS SHALL BE OF DURABILITY CLASS "1" TIMBER SPECIES  
-FOR RETAINING WALL GREATER THAN 1.0m REFER TO STRUCTURAL ENGINEERING DESIGN AND BUILDING PERMIT (BY OTHERS)

**GENERAL NOTES**

- THE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS. WORKS TO BE CARRIED OUT TO THE SATISFACTION OF COUNCIL'S SUPERVISING OFFICER.
- THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF WORK ON SITE IN ACCORDANCE WITH APPROPRIATE LEGISLATION. THEY SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION, AND TO PROTECT THE PUBLIC FROM HAZARDS ASSOCIATED WITH THE WORKS.
- THE CONTRACTOR SHALL:
  - COMPLY WITH THE SAFETY REQUIREMENTS OF THE MINES ACT, GENERAL REGULATIONS AND STATUTORY RULES, AND THE MINES (TRENCHES) REGULATIONS 1982.
  - NOTIFY THE OCCUPATIONAL HEALTH AND SAFETY AUTHORITY OF HIS INTENTION TO COMMENCE TRENCHING OPERATIONS WHERE TRENCHES ARE 1.5 METRES OR DEEPER.
  - ENSURE THAT THE MINE MANAGER OR HIS DEPUTY AS REQUIRED BY THE REGULATIONS IS IN ATTENDANCE WHEN TRENCHING OPERATIONS ARE IN PROGRESS.
- THE CONTRACTOR IS TO NOTIFY COUNCIL AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL RELEVANT SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- TREES MARKED ON THE APPROVED PLANS FOR REMOVAL MUST BE REMOVED FROM THE SITE PRIOR TO THE COMMENCEMENT OF WORKS. NO EXCAVATION SHALL BE CARRIED OUT WITHIN 5.0m OF ANY EXISTING TREE UNTIL APPROVAL HAS BEEN GIVEN BY COUNCIL'S SUPERVISING OFFICER. THE REMOVAL OR RETENTION OF EXISTING TREES MUST BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLANS. OTHERWISE, APPROVAL WILL BE REQUIRED FROM THE LANDSCAPE APPROVAL OFFICER.
- ALL ROAD CHAINAGES ARE MEASURED ALONG THE ROAD CENTRELINE EXCEPT KERB RETURNS AND COURTHEADS, WHERE LIP OF KERB CHAINAGES ARE SPECIFIED. ALL DIMENSIONS AND RADII ARE GIVEN TO THE LIP OF KERB. DO NOT SCALE OFF THESE DRAWINGS. WRITTEN DIMENSIONS ONLY SHALL BE USED.
- CONDUIT LOCATIONS ARE SUBJECT TO AMENDMENT AND CONDUITS SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT AND/OR COUNCIL'S SUPERVISING OFFICER. CONDUITS TO BE PLACED A MINIMUM OF 5m FROM BOUNDARIES/EASEMENTS AND TO THE SATISFACTION OF THE SUPERINTENDENT AND/OR COUNCIL'S SUPERVISING OFFICER. BOTH KERBS ARE TO BE MARKED WITH THE LETTERS G,W,E AND T ABOVE CONDUIT LOCATIONS AS SPECIFIED. TELSTRA CONDUITS WILL BE SUPPLIED BY TELSTRA AT TELSTRA'S EXPENSE, IN TRENCHES EXCAVATED AND BACKFILLED BY THE CONTRACTOR. TELSTRA SIZE VARIES - WHITE P.V.C., TELSTRA TO BE NOTIFIED 7 DAYS PRIOR TO PLACEMENT OF CONCRETE WORKS. GAS AND WATER CONDUITS TO BE 50mm DIA. HEAVY DUTY P.V.C. LAID AT A MINIMUM DEPTH OF 600mm BELOW ROAD FINISHED SURFACE LEVELS.
- SUBSOIL DRAINS SHALL BE INSTALLED BEHIND ALL KERB AND CHANNEL AS PER COUNCIL SPECIFICATION AND STANDARD DRAWINGS.
- ALL LINEMARKING, SIGNING & TRAFFIC CONTROL DEVICES FOR THIS PROJECT TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1742. ALL LINEMARKING TO BE LONG LIFE THERMOPLASTIC PAINT.
- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
- THE CONTRACTOR SHALL CO-OPERATE WITH OTHER AUTHORITIES AND SHALL ENSURE THAT ALL SERVICES ARE INSTALLED PRIOR TO THE FINAL PAVEMENT COURSE. THE CONTRACTOR SHALL CHECK WITH THE SUPERINTENDENT AND/OR COUNCIL'S SUPERVISING OFFICER THE EXACT LOCATION OF ALL SERVICES PRIOR TO THE INSTALLATION OF CONDUITS.
- ANY EXISTING PAVEMENT OR DRAINAGE WORKS DAMAGED DURING CONSTRUCTION OR THE MAINTENANCE PERIOD TO BE REINSTATED TO THE SATISFACTION OF THE COUNCIL REPRESENTATIVE.
- FILLING IN PROPERTIES AND ROAD RESERVE IS TO BE CARRIED OUT USING APPROVED CLAY FILL. TOPSOIL AND ALL VEGETABLE MATTER TO BE STRIPPED FROM FILL SITE PRIOR TO FILLING. ALL FILLING TO BE CARRIED OUT IN 150mm LAYERS AND COMPACTED TO 95% OF MAX. DRY DENSITY UNDER THE STANDARD AASHTO TEST. ALL FILLING TO COMPLY WITH AS 3798/1996, APPENDIX B - LEVEL 1. IF ANY EXISTING SUBSTANDARD FILLING IS ENCOUNTERED ON THE SITE, IT MUST BE REMOVED AND REPLACED WITH APPROVED FILL MATERIAL COMPACTED TO COUNCIL REQUIREMENTS. A GEOTECHNICAL REPORT MUST BE SUBMITTED SHOWING DETAILS OF DEPTH, TYPE OF MATERIAL AND DENSITY OF THE FILL AREAS CONCERNED.
- THE NATURE STRIPS AND CUT OR FILLED AREAS ARE TO BE TOPSOILED WITH 100mm OF APPROVED MATERIAL. IF THE LOCAL SOIL IS NOT SUITABLE, APPROVED SOIL SHALL BE IMPORTED AT THE CONTRACTOR'S EXPENSE.
- UNLESS OTHERWISE SHOWN, BATTERS INTO ALLOTMENTS SHALL NOT BE STEEPER THAN 1 IN 3 CUT AND 1 IN 6 FILL. CUT BATTERS ARE TO BE GRASSED AND MULCHED WITH A MIXTURE OF CHOPPED GRASS, STRAW AND BITUMEN EMULSION.
- LOTS SHALL BE GRADED TO ENSURE A MINIMUM GRADE OF 1 IN 150 ON THE LOWEST SIDE BOUNDARY TO THE POINT OF DRAINAGE.
- ALL 150Ø PIPE TO BE PVC (S110), 225Ø TO 900Ø INCLUSIVE TO BE RRR R.C. ALL R.C. PIPES TO BE CLASS 2 UNLESS NOTED OTHERWISE.
- STORMWATER DRAINS UNDER PAVEMENTS ARE TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK.
- STORMWATER DRAINS UNDER FOOTPATHS, DRIVEWAYS AND BEHIND KERB WHERE SIDE OF TRENCH COMES WITHIN 150mm OF THE BACK OF KERB TO BE BACKFILLED WITH CLASS 3 CRUSHED ROCK, UNLESS SHOWN OTHERWISE.
- ALL HOUSE DRAINS ARE TO BE CONNECTED DIRECT TO AN UNDERGROUND DRAIN OR PIT. CONNECT HOUSE DRAIN AS PER INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWING SD 515 & SD 520. OFFSET 1m FROM LOW SIDE BOUNDARY UNLESS OTHERWISE INDICATED.
- PROPERTY INLET PITS ARE TO BE LOCATED 1.00m FROM LOW SIDE BOUNDARY UNLESS OTHERWISE SHOWN. INVERT LEVEL OF PROPERTY INLET IS TO BE A MINIMUM OF 400mm BELOW FINISHED/EXISTING SURFACE LEVEL. A PROPERTY INLET GULLY BASIN IS NOT REQUIRED AT PROPERTY INLET POINTS.
- DRIVEWAYS ARE PROVISIONAL ITEMS AND SHOWN ON PLAN ONLY TO INDICATE PREFERRED LOCATIONS. DRIVEWAYS TO BE CONSTRUCTED IN ACCORDANCE WITH THE INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWINGS SD 240 & SD 245. DRIVEWAYS TO BE LOCATED 0.60m FROM BUILDING LINE AND CLEAR OF DRAINAGE PITS, SEWER MAINTENANCE HOLES AND EXISTING TREES. DOUBLE DRIVEWAY WIDTH TO BE 7.2m AT FRONT OF PATH/BUILDING LINE.
- ALL FOOTPATHS ARE TO BE 125mm THICK 25Mpa SL72 MESH REINFORCEMENT PLACED CENTRALLY WITH 50mm BEDDING AS PER INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWINGS SD 205 & SD 210.
- ALL STREET SIGNS ARE TO BE TO CURRENT BAW BAW SHIRE COUNCIL STANDARD, INCLUDING PROVISION OF LOGO.
- SIGNS, PAVEMENT MARKINGS AND DELINEATORS ARE TO BE INSTALLED AS APPLICABLE IN ACCORDANCE WITH AS1742.2. ALL PAVEMENT MARKINGS TO BE LONG LIFE ROAD MARKING WITH LONGITUDINAL LINES IN THERMOPLASTIC AND TRANSVERSE MARKINGS IN COLD APPLIED.
- NO SURPLUS TREES, VEGETATION OR OTHER MATERIALS IS TO BE BURNT ON SITE.
- ANY SOFT ROCK USED IS TO CONFORM TO THE BAW BAW SHIRE COUNCIL SPECIFICATION FOR RIPPED ROCK.
- APPROPRIATE SILTATION CONTROL IS TO BE CARRIED OUT DURING THE CONSTRUCTION AND MAINTENANCE PERIODS.
- CONCRETE TO BE PLACED AROUND ELECTRICAL DISTRIBUTION PITS TO A MINIMUM DEPTH OF 200mm. DISTRIBUTION PITS TO BE A MINIMUM OF 300mm FROM EDGE OF FOOTPATHS.
- UPON COMPLETION OF CONSTRUCTION, THE WHOLE SITE SHALL BE CLEANED UP AND GRADED OVER. ALL RUBBISH IS TO BE REMOVED AND THE SITE IS TO BE LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT AND/OR COUNCIL'S SUPERVISING OFFICER.
- ALL KERB AND CHANNEL THROUGHOUT THE ESTATE (EXCEPT INTERSECTIONS) IS TO BE STANDARD ROLLOVER TYPE. INTERSECTION KERB AND CHANNEL IS TO BE SEMI-MOUNTABLE (SM2). INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWING SD 100.
- TACTILE PAVERS ARE PROVISIONAL ITEMS AND POSSIBLE LOCATIONS SHOWN. IF INSTALLED, TACTILE PAVERS ARE TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1428.4.
- EXISTING OPEN DRAIN TO BE EXCAVATED TO REMOVE ALL SOFT MATERIAL TO A WIDTH OF A MINIMUM 1m WIDER THAN THE DRAIN AND A MINIMUM DEPTH OF 300mm. THE EXCAVATED AREA SHALL BE INSPECTED AT THIS POINT TO DETERMINE WHETHER FURTHER EXCAVATION IS NECESSARY.

**ORIGIN ENERGY - STANDARD NOTES**

- GAS MAINS, FITTINGS AND MARKER TAPE ARE TO BE SUPPLIED BY ORIGIN ENERGY.
- EXCAVATION, SUPPLY AND PLACEMENT OF REQUIRED BACKFILL TO BE BY OTHERS.
- TWO WEEKS OF NOTIFICATION OF COMMENCEMENT OF EXCAVATION WORKS SHALL BE GIVEN TO THE RELEVANT AUTHORITY.

**REINFORCED CONCRETE PIPE**

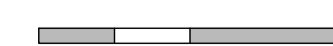
- ALL STORMWATER DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN COMPUTED AND APPROVED BY THE CONTRACTOR'S ENGINEER.
- COMPUTATIONS ARE TO ACCORD WITH AS-3725-1989. LOADS ON BURIED PIPES. CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPAIRED AT THE CONTRACTORS COST.

DESIGNED	A. Cantwell	DATE	25.07.19	AC	KT
DRAWN	A. Cantwell	DES/DF			
CHECKED	M. Warry	APPO			
AUTHORISED	K. Taylor				
DATE	July 2019				
REVISION					

Principal  
Bernly Investments Pty Ltd  
PO Box 342  
Berwick, VIC, 3806

Designed  
A. Cantwell  
Drawn  
A. Cantwell  
Checked  
M. Warry  
Authorised  
K. Taylor  
Date  
July 2019

Scale @ A1



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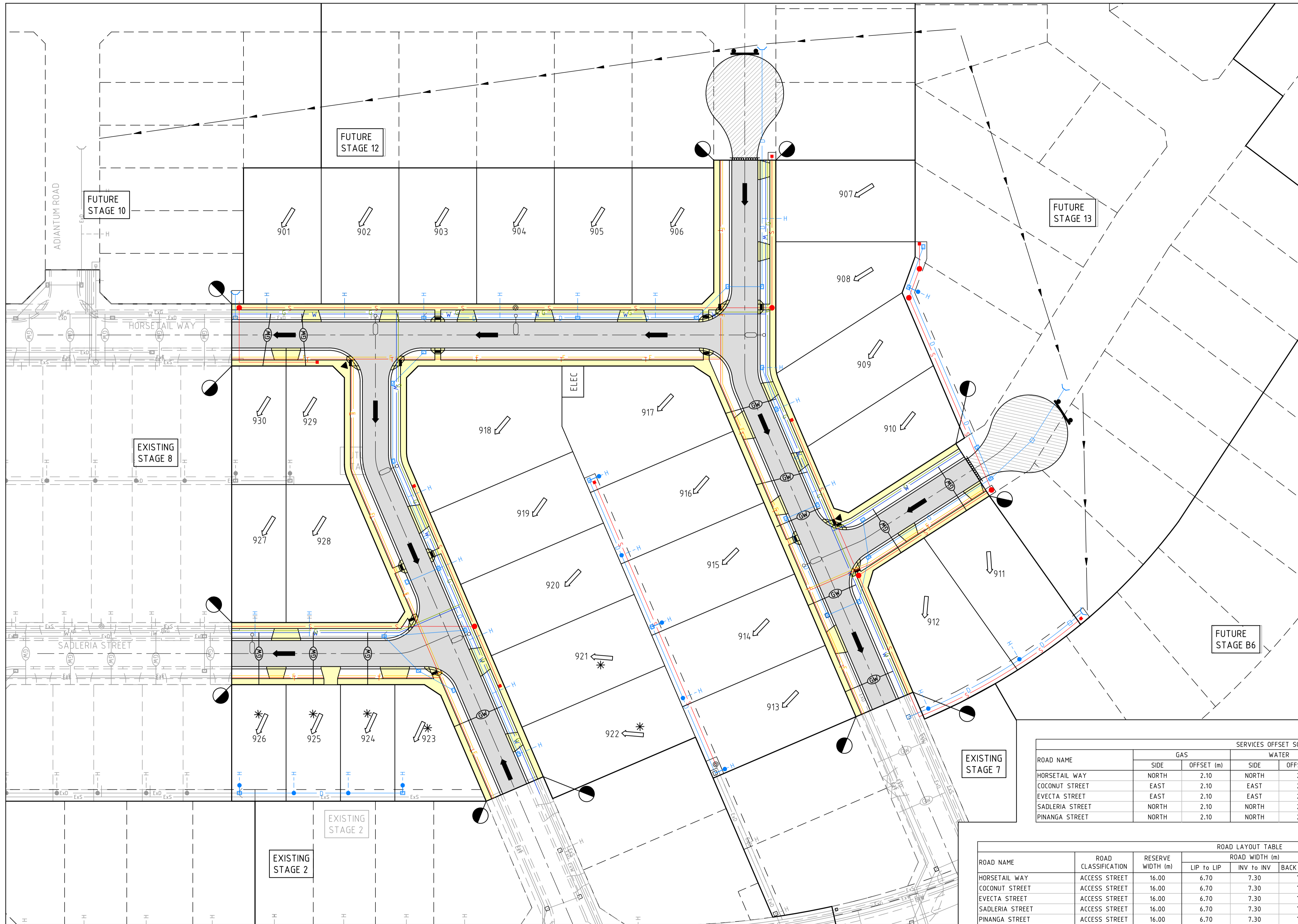
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**WEBBAR ROAD, DROUIN**  
Stage 9  
Baw Baw Shire Council - PLA0323/16  
Roadworks and Drainage  
General Notes & Details

Drawing No. 1525-09-21 Rev A  
Sheet No. 21 of 24

**FOR APPROVAL**





**LEGEND - LAYOUT PLAN**

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- SERVICE CONDUITS
- TACTILE PAVERS
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING TELSTRA
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
- EXISTING HOUSE DRAIN
- EXISTING SWALE DRAIN
- EXISTING SURFACE LEVEL
- FINISHED BUILDING LINE LEVEL
- FINISHED RIDGE LINE LEVEL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- RETAINING WALL
- ZERO LOT LINES
- PAVEMENT TREATMENT
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- 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
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY
- PROPOSED LIGHTPOLE

**WARNING**  
**BEWARE OF UNDERGROUND SERVICES**  
 The locations of underground services are approximate only and 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

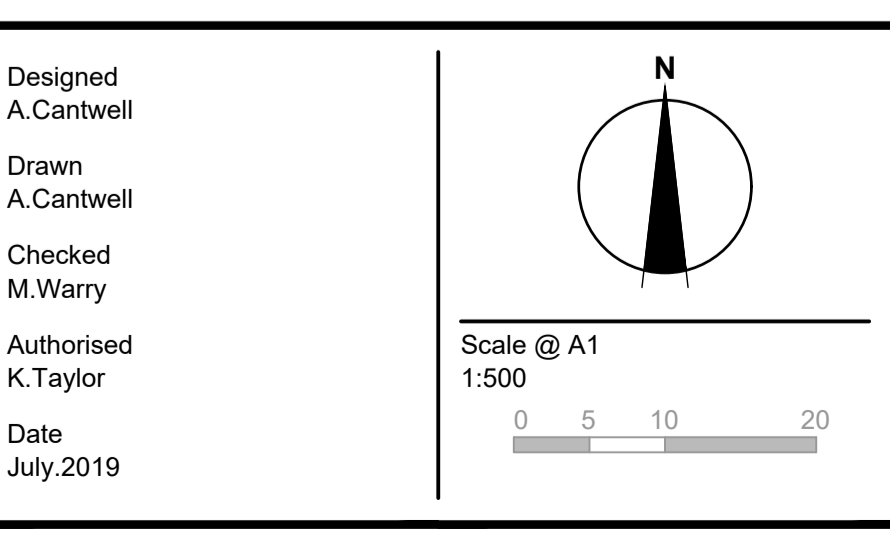
ROAD NAME	GAS		WATER		ELECTRICITY		TELSTRA	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)
HORSETAIL WAY	NORTH	2.10	NORTH	2.60	SOUTH	2.30	SOUTH	1.80
COCONUT STREET	EAST	2.10	EAST	2.60	WEST	2.30	WEST	1.80
EVECTA STREET	EAST	2.10	EAST	2.60	WEST	2.30	WEST	1.80
SADLERIA STREET	NORTH	2.10	NORTH	2.60	SOUTH	2.30	SOUTH	1.80
PINANGA STREET	NORTH	2.10	NORTH	2.60	SOUTH	2.30	SOUTH	1.80

ROAD NAME	ROAD CLASSIFICATION	RESERVE WIDTH (m)	ROAD WIDTH (m)				KERB TYPE		VERGE WIDTH (m)	
			LIP to LIP	INV to INV	BACK to BACK		NTH/WEST	STH/EAST	NTH/WEST	STH/EAST
HORSETAIL WAY	ACCESS STREET	16.00	6.70	7.30	7.90		SM2-M	SM2-M	4.05	4.05
COCONUT STREET	ACCESS STREET	16.00	6.70	7.30	7.90		SM2-M	SM2-M	4.05	4.05
EVECTA STREET	ACCESS STREET	16.00	6.70	7.30	7.90		SM2-M	SM2-M	4.05	4.05
SADLERIA STREET	ACCESS STREET	16.00	6.70	7.30	7.90		SM2-M	SM2-M	4.05	4.05
PINANGA STREET	ACCESS STREET	16.00	6.70	7.30	7.90		SM2-M	SM2-M	4.05	4.05

REVISION	DATE	DES/DF	APPD
A INITIAL ISSUE	25.07.19	AC	KT

Principal  
 Bernly Investments Pty Ltd  
 PO Box 342  
 Berwick, VIC, 3806

Designed  
 A.Cantwell  
 Drawn  
 A.Cantwell  
 Checked  
 M.Warry  
 Authorised  
 K.Taylor  
 Date  
 July.2019



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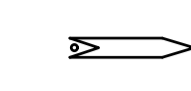

**WEBBAR ROAD, DROUIN**  
 Stage 9  
 Baw Baw Shire Council - PLA0323/16  
 Roadworks and Drainage  
 Master Services Plan

Drawing No. 1525-09-22 Rev A  
 Sheet No. 22 of 24

**FOR APPROVAL**





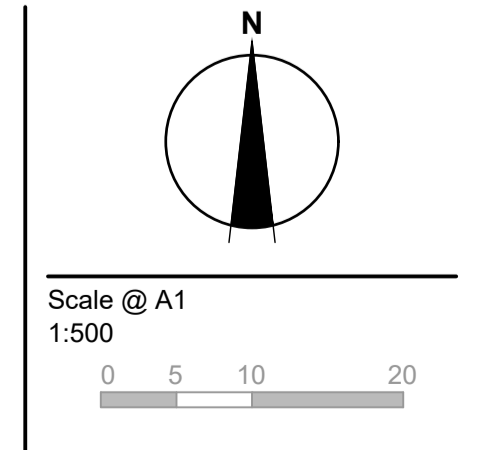
SIGN SCHEDULE	
SIGN	REF
	1
STREET SIGN	
	2
R1-2	

**WARNING**  
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 Locate all underground services before commencement of works  
**DIAL 1100 BEFORE YOU DIG**  
 www.1100.com.au

REVISION	DATE	DES/DFE	APPD
A INITIAL ISSUE	25.07.19	AC	KT

Principal  
 Bernly Investments Pty Ltd  
 PO Box 342  
 Berwick, VIC, 3806

Designed  
 A.Cantwell  
 Drawn  
 A.Cantwell  
 Checked  
 M.Warry  
 Authorised  
 K.Taylor  
 Date  
 July.2019



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**TAYLOR MILLER CONSULTING**  
 CIVIL ENGINEERING • PROJECT MANAGEMENT

Taylor Miller Pty Ltd  
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 ABN 96 153 508 199

**WEEBAR ROAD, DROUIN**  
 Stage 9  
 Baw Baw Shire Council - PLA0323/16  
 Roadworks and Drainage  
 Signage & Linemarking Plan

Drawing No. 1525-09-23 Rev A  
 Sheet No. 23 of 24

**FOR APPROVAL**





**LEGEND - LAYOUT PLAN**

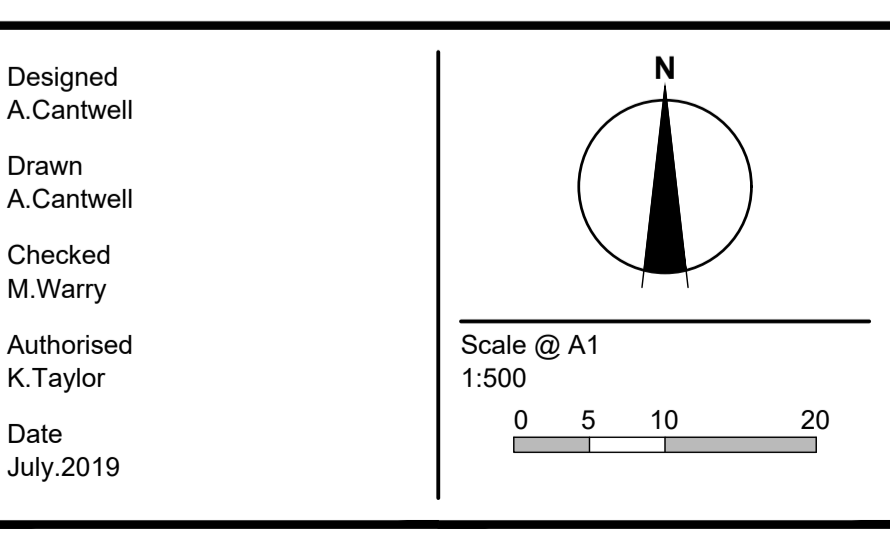
- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- SERVICE CONDUITS
- TACTILE PAVERS
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING TELSTRA
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
- EXISTING HOUSE DRAIN
- EXISTING SWALE DRAIN
- EXISTING SURFACE LEVEL
- FINISHED BUILDING LINE LEVEL
- FINISHED RIDGE LINE LEVEL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- RETAINING WALL
- ZERO LOT LINES
- PAVEMENT TREATMENT
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- 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
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY
- PROPOSED LIGHTPOLE

**WARNING**  
**BWARE OF UNDERGROUND SERVICES**  
 The locations of underground services are approximate only and 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  
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**WEBBAR ROAD, DROUIN**  
 Stage 9  
 Baw Baw Shire Council - PLA0323/16  
 Roadworks and Drainage  
 Retaining Wall & Earthmoving Plan

Drawing No. 1525-09-24 Rev A  
 Sheet No. 24 of 24

**FOR APPROVAL**





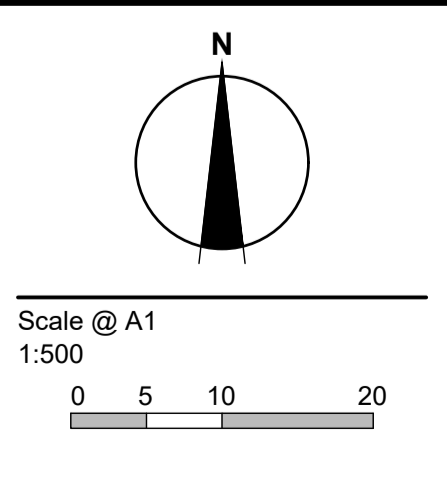
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**WEEBAR ROAD, DROUIN**  
 Stage 9  
 Baw Baw Shire Council - PLA0323/16  
 Roadworks and Drainage  
 Catchment Plan

**Drawing No. 1525-09-95** **Rev A**

Sheet No. 01 of 01

**FOR APPROVAL**

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