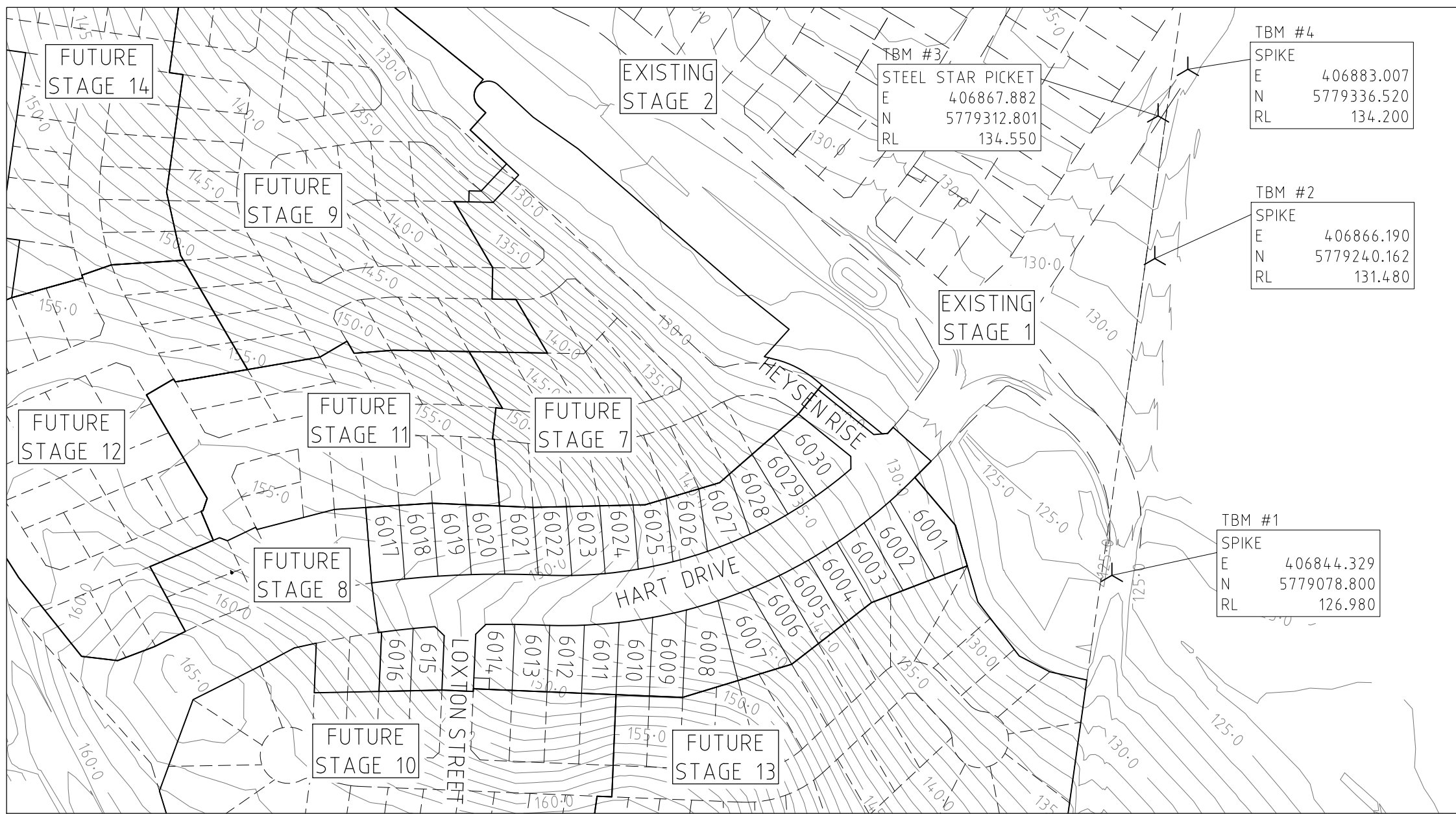
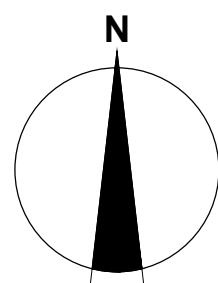


# 270 BRANDY CREEK ROAD, WARRAGUL

## STAGE 6

Baw Baw Shire Council - PLA 0130/16



**LOCALITY PLAN**  
VIC ROADS REF: 96 G4

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1518-06-23	Earthworks & Retaining Wall Layout	

### Principal

Brandy Creek Developments Pty Ltd  
PO Box 342  
Berwick VIC 3806

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w: [www.taylormiller.com.au](http://www.taylormiller.com.au)  
A.B.N. 96 153 508 199



LEGEND - LAYOUT PLAN

STORMWATER DRAIN, PIT & PROPERTY INLET

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

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

DIAL 1100 BEFORE YOU DIG

www.1100.com.au

ROAD NAME	SERVICES OFFSET SCHEDULE									
	GAS		WATER		ELECTRICITY		TELSTRA		SEWER	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)
HART DRIVE (WEST OF HEYSON DRIVE)	NORTH	2.10	NORTH	2.60	SOUTH	2.30	SOUTH	1.80	SOUTH	1.00
HART DRIVE (EAST OF HEYSON DRIVE)	NORTH	2.10	NORTH	2.60	NORTH	2.30	NORTH	1.80	EAST	1.00
HEYSEN DRIVE	WEST	2.10	WEST	2.60	EAST	2.30	EAST	1.80	WEST	1.00
LEXTON STREET	WEST	2.10	WEST	2.60	EAST	2.30	EAST	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		
HART DRIVE	CONNECTOR STREET	25.50	7.00	7.60	7.90		B2	B2	11.45	6.15		
HART DRIVE (PARKING BAYS)	CONNECTOR STREET	25.50	11.20	11.80	12.10		B2	B2	9.15	4.05		
HEYSEN DRIVE	LOCAL ACCESS LEVEL 1	16.00	6.70	7.30	7.75		SM2-M	B2	4.20	4.05		
LEXTON STREET	LOCAL ACCESS LEVEL 1	16.00	6.70	7.30	7.75		SM2-M	B2	4.20	4.05		

L:\wca\1518 - 270 brandy creek road warragul\1518-06\cad\1518-06-02

REVISION	DATE	DES/DT	APPD
2	16.10.19	LB	MW
1	06.05.19	LB	KT
0	02.05.19	NG	KT
C	14.04.19	LB	MW
B	11.04.19	LB	MW
A	21.03.19	LB	MW

Principal  
Brandy Creek Developments Pty Ltd  
PO Box 342  
Berwick VIC 3806

Designed  
L.Bates  
Drawn  
L.Bates  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
Nov.2018

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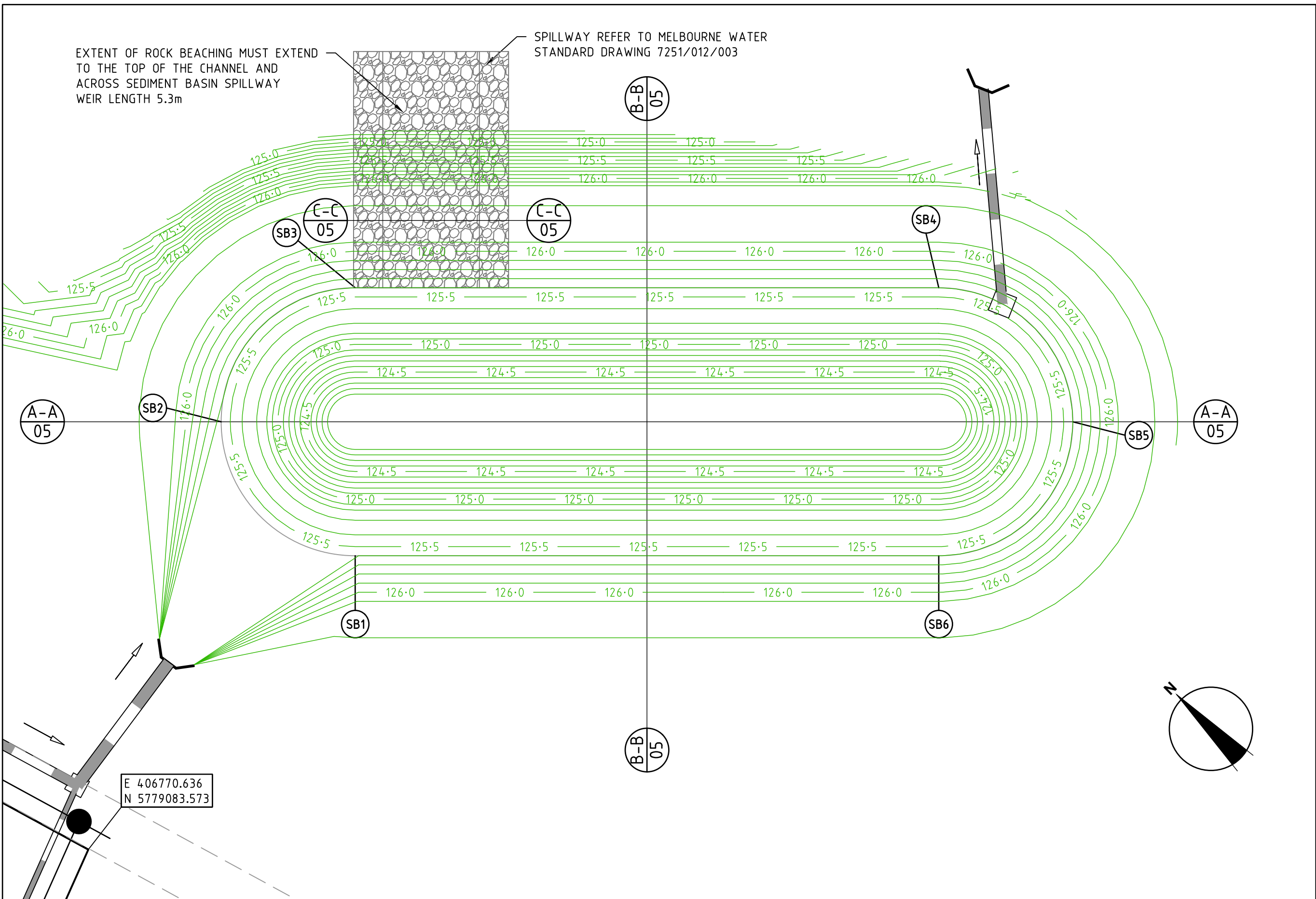
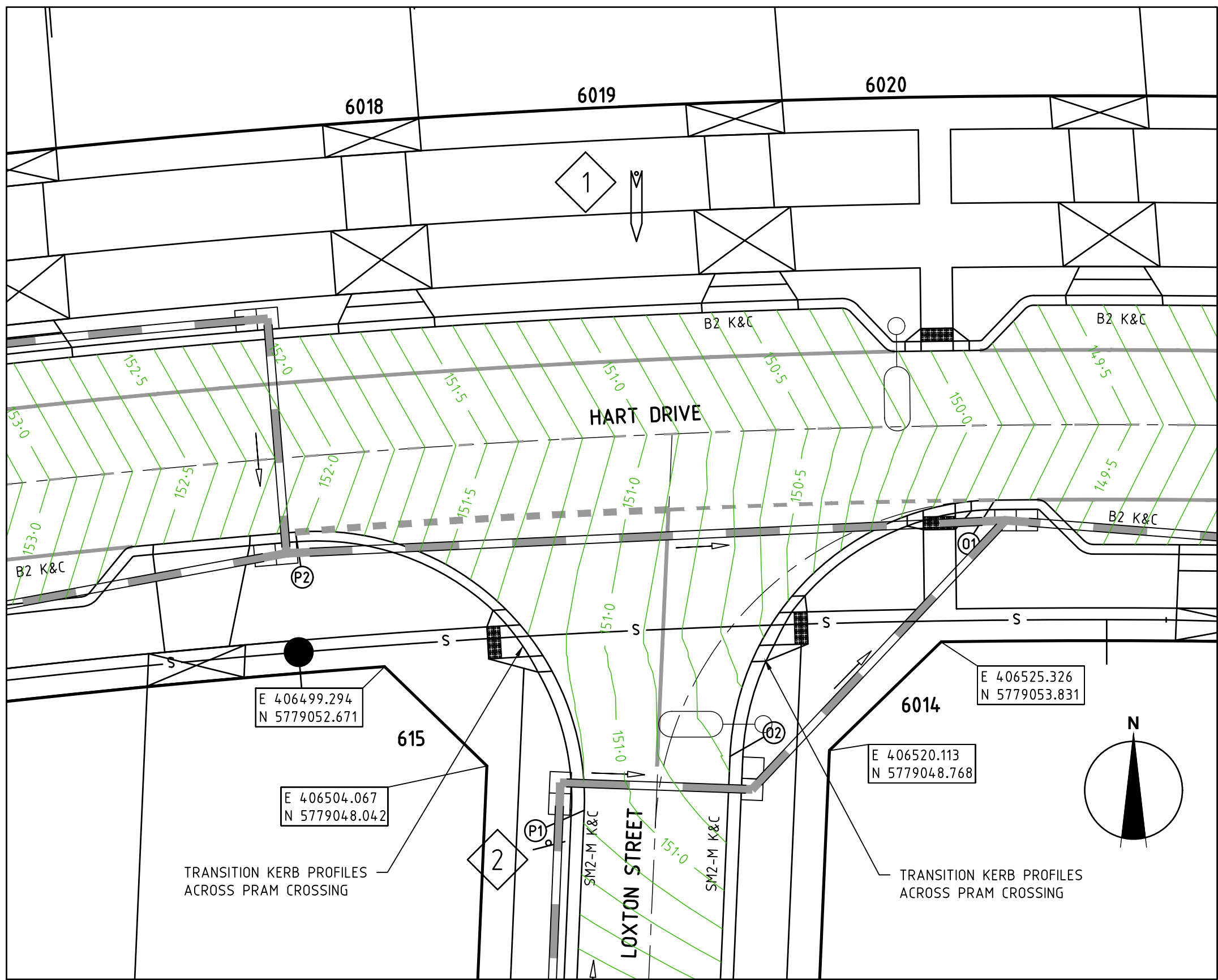
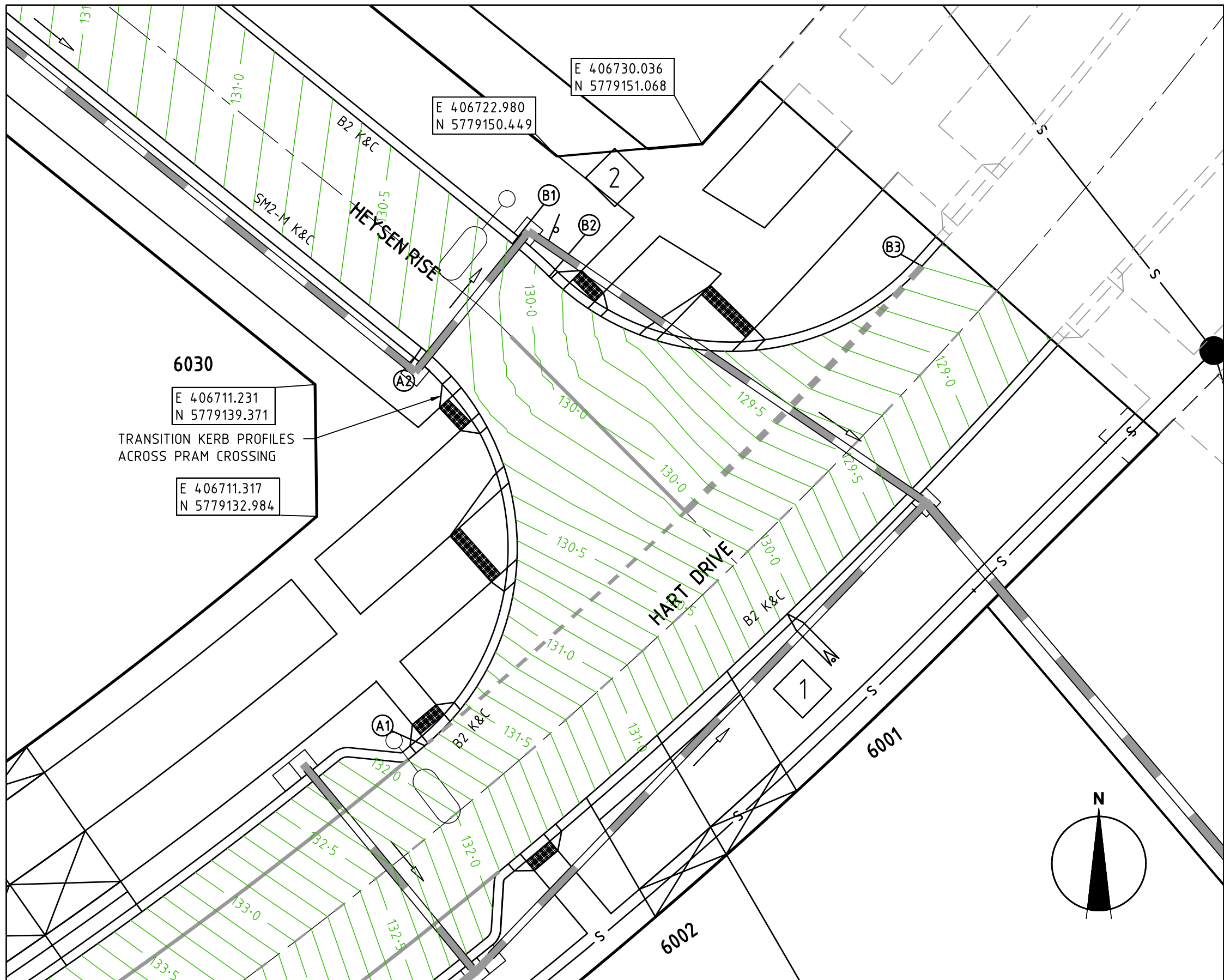
**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Layout Plan

Drawing No. 1518-06-02  
Sheet No. 02 of 23

Rev 2

ISSUED FOR CONSTRUCTION





SIGN SCHEDULE	
SIGN	REF
	1
STREET SIGN	
	2
R1-2	

LEGEND - INTERSECTION PLAN	
	STORMWATER DRAIN, PIT & PROPERTY INLET
	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
	PROPOSED STREET LIGHT

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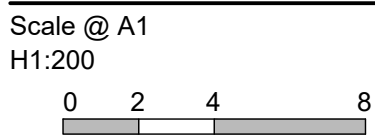
**NOTES**  
1. REFER TO SHEET No 4 & 5 FOR LIP PROFILES & SETOUT INFORMATION.

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REVISION	DATE	DES/DT	APPD
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**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Intersection Plan & Sediment Basin Detail

Drawing No. 1518-06-03 Rev 2  
Sheet No. 03 of 23

ISSUED FOR CONSTRUCTION



LEGEND		
	EXISTING SURFACE	
	DESIGN LINE	
	FUTURE DESIGN LINE	

NOTES  
CHAINAGES REFER TO  
LIP OF KERB/EDGE OF  
CONCRETE.

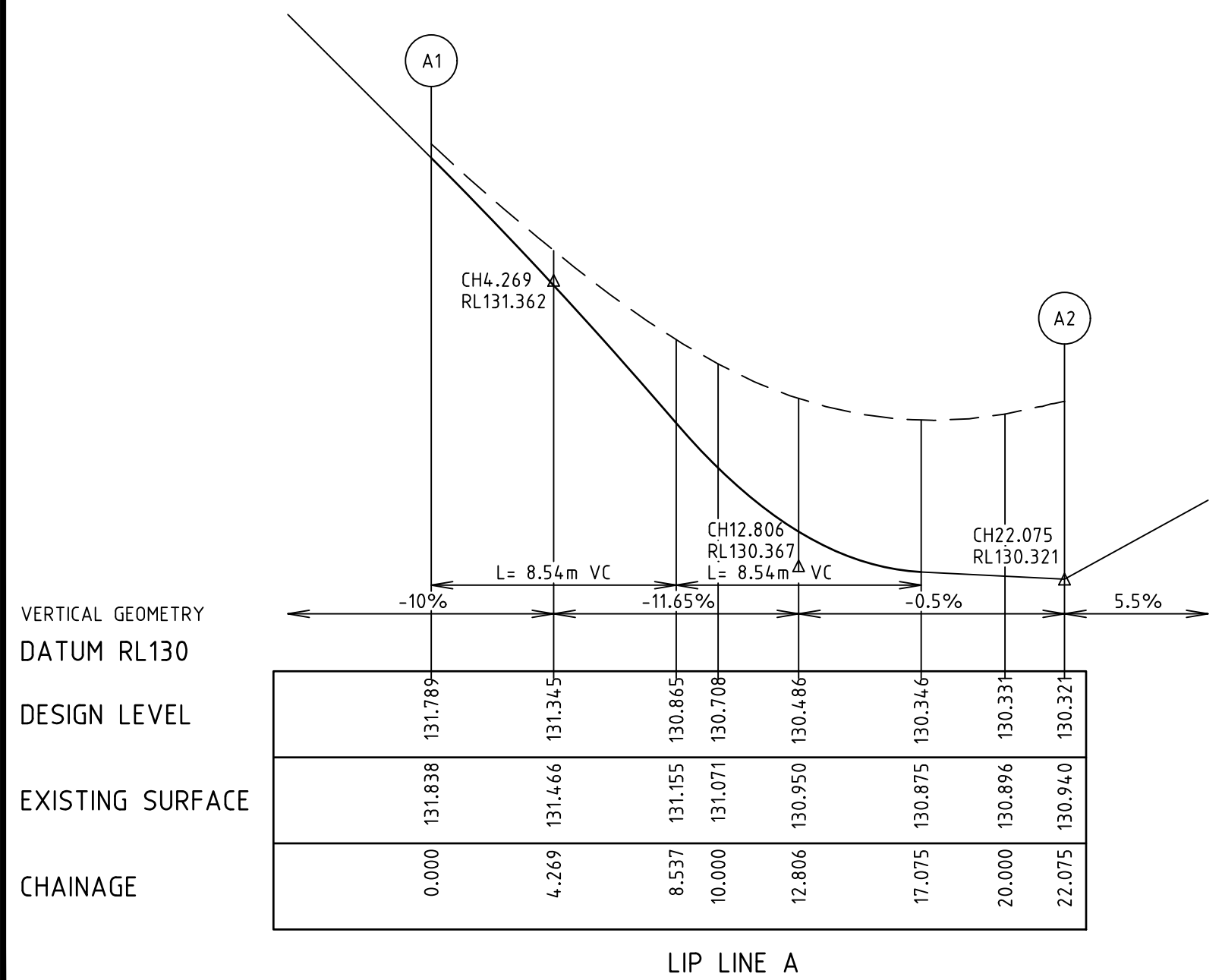
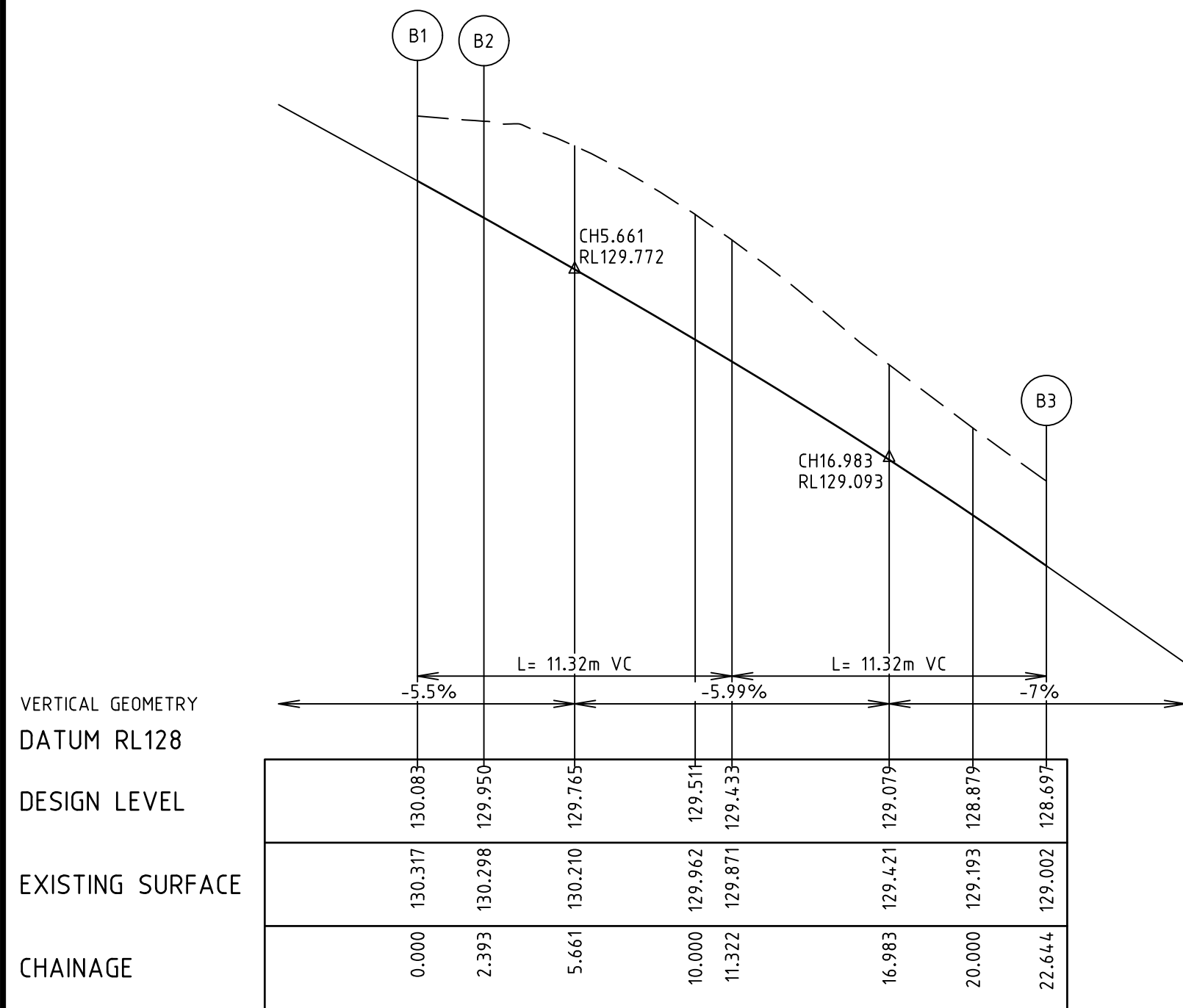
#### ALIGNMENT SB

POINT NO	EASTING	NORTHING	RL
SB1	406792.378	5779084.619	125.600
SB2	406792.378	5779095.014	125.600
SB3	406802.772	5779095.014	125.600
SB4	406825.400	5779072.386	125.600
SB5	406825.400	5779061.992	125.600
SB6	406815.005	5779061.992	125.600

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
SB1 - SB2	90.000	7.350	11.545	2.153	1.593	2.813	2.385	2.886	125.600
SB2 - SB3	90.000	7.350	11.545	2.153	1.593	2.813	2.385	2.886	125.600
SB4 - SB5	90.000	7.350	11.545	2.153	1.593	2.813	2.385	2.886	125.600
SB5 - SB6	90.000	7.350	11.545	2.153	1.593	2.813	2.385	2.886	125.600

#### ALIGNMENT SB

POINT NO	EASTING	NORTHING	RL
SB1	406792.378	5779084.619	125.600
SB2	406792.378	5779095.014	125.600
SB3	406802.772	5779095.014	125.600
SB4	406825.400	5779072.386	125.600
SB5	406825.400	5779061.992	125.600
SB6	406815.005	5779061.992	125.600



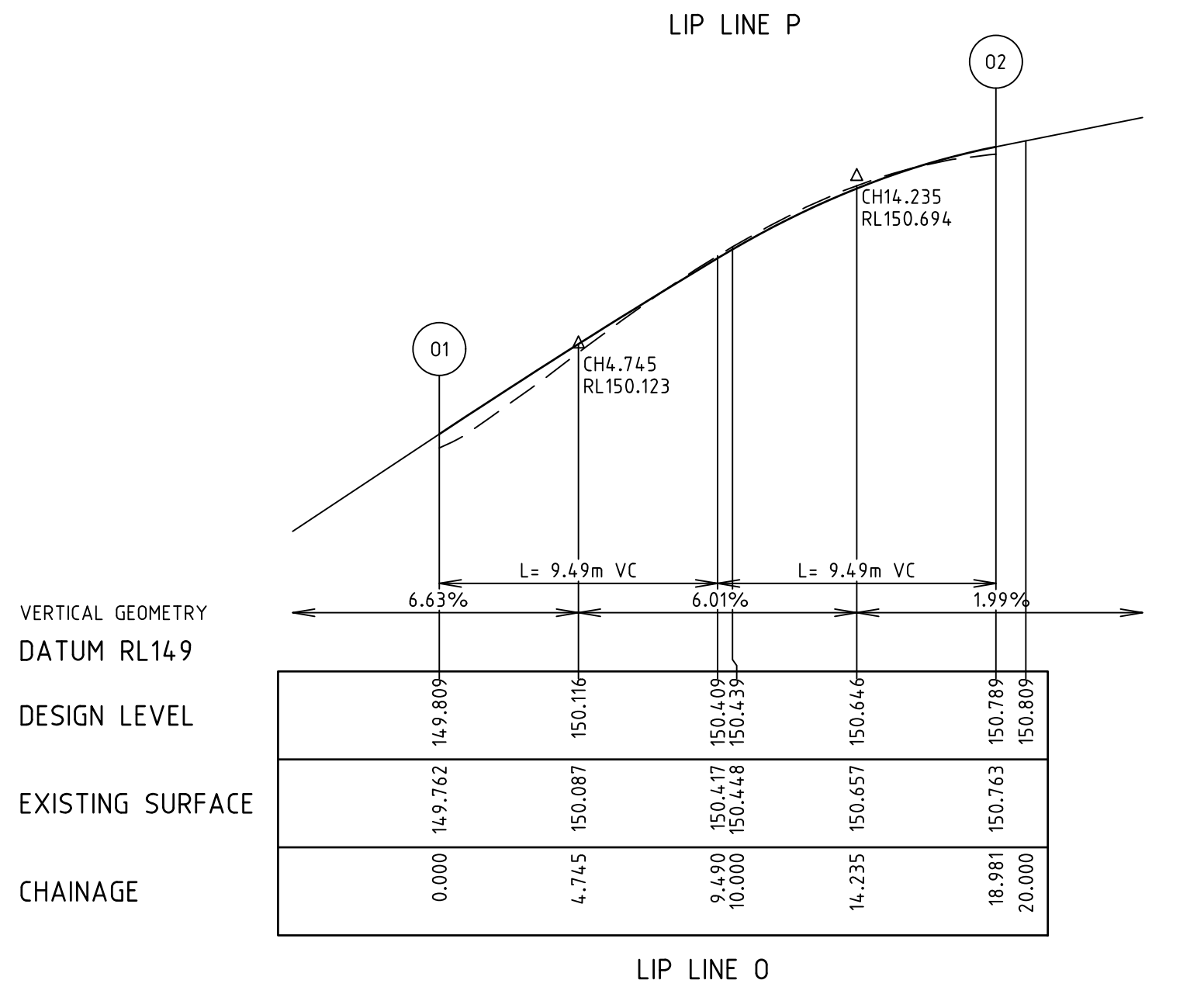
#### VERTICAL GEOMETRY

DATUM RL150

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE



#### ALIGNMENT A

POINT NO	EASTING	NORTHING	RL
A1	406716.582	5779121.846	131.789
A2	406716.416	5779141.162	130.321

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
A1 - A2	101.184	12.500	22.075	4.565	3.366	5.341	4.317	5.519	130.614

#### ALIGNMENT B

POINT NO	EASTING	NORTHING	RL
B1	406720.834	5779146.207	130.083
B2	406722.616	5779144.610	129.950
B3	406740.716	5779145.123	128.697

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
B1 - B2	5.873	23.350	2.393	0.031	0.023	0.598	0.598	0.598	130.017
B2 - B3	92.821	12.500	20.250	3.881	2.870	4.925	4.128	5.063	129.360

#### ALIGNMENT O

POINT NO	EASTING	NORTHING	RL
O1	406527.816	5779060.462	149.809
O2	406515.447	5779048.497	150.789

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
O1 - O2	87.001	12.500	18.981	3.433	2.543	4.632	3.972	4.745	150.409

#### ALIGNMENT P

POINT NO	EASTING	NORTHING	RL
P1	406508.633	5779045.974	151.093
P2	406495.137	5779058.968	152.035

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
P1 - P2	97.073	12.500	21.178	4.223	3.119	5.138	4.230	5.295	151.281

#### HART DRIVE DESIGN LINE

CHAINAGE	EASTING	NORTHING	BEARING
0.000	406782.325	5779197.263	213°12'21"
30.384	406765.686	5779171.840	213°12'21"
34.080	406763.638	5779168.764	214°05'17"
34.080	406763.638	5779168.764	214°05'17"
37.500	406761.701	5779165.945	214°54'17"
50.000	406754.285	5779155.885	217°53'20"
62.500	406746.355	5779146.224	220°52'23"
65.551	406744.344	5779143.930	221°36'04"
65.551	406744.344	5779143.930	221°36'05"
65.551	406744.344	5779143.930	221°36'14"
75.000	406737.932	5779136.989	223°51'35"
87.500	406729.040	5779128.206	226°50'38"
100.000	406719.703	5779119.897	229°49'41"
112.500	406709.946	5779112.086	232°48'44"
125.000	406699.796	5779104.793	235°47'46"
137.500	406689.279	5779098.039	238°46'49"
150.000	406678.426	5779091.841	241°45'52"
162.500	406667.264	5779086.217	244°44'55"
175.000	406655.825	5779081.181	247°43'58"
187.500	406644.139	5779076.748	250°43'01"
200.000	406632.238	5779072.929	253°42'04"
212.500	406620.154	5779069.735	256°41'07"
225.000	406607.921	5779067.174	259°40'10"
237.500	406595.571	5779065.254	262°39'13"
250.000	406583.137	5779063.979	265°38'16"
262.500	406570.654	5779063.353	268°37'19"
275.000	406558.156	5779063.378	271°36'22"
279.009	406554.150	5779063.524	272°33'47"
279.009	406554.150	5779063.524	272°33'48"
279.024	406554.135	5779063.525	272°33'48"
283.333	406549.829	5779063.698	272°02'29"
300.000	406533.166	5779063.998	270°01'24"
316.667	406516.502	5779063.711	268°00'19"
333.333	406499.859	5779062.838	265°59'14"
350.000	406483.257	5779061.379	263°58'09"
366.667	406466.717	5779059.337	261°57'05"
383.333	406450.259	5779056.713	259°55'60"
400.000	406433.904	5779053.511	257°54'55"
416.667	406417.671	5779049.736	255°53'50"
420.920	406413.551	5779048.681	255°22'56"
420.935	406413.536	5779048.677	255°22'56"
422.222	406412.292	5779048.348	254°59'31"
433.333	406401.651	5779045.157	251°37'25"
444.444	406391.215	5779041.346	248°15'19"
455.556	406381.022	5779036.929	244°53'13"
466.667	406371.105	5779031.921	241°31'07"
477.778	406361.500	5779026.338	238°09'01"
488.889	406352.240	5779020.201	234°46'55"

#### HEYSON DRIVE DESIGN LINE

CHAINAGE	EASTING	NORTHING	BEARING
0.000	406731.709	5779130.701	315°11'50"
16.111	406720.356	5779142.132	315°11'50"
18.303	406718.729	5779143.600	308°55'00"
60.665	406685.769	5779170.212	308°55'00"
61.111	406685.420	5779170.490	308°16'13"
66.667	406680.832	5779173.613	300°12'42"
72.222	406675.850	5779176.062	292°09'12"
77.778	406670.575	5779177.789	284°05'41"
83.333	406665.109	5779178.759	276°02'11"
88.889	406659.561	5779178.954	267°58'40"
94.444	406654.041	5779178.369	259°55'10"
100.000	406648.658	5779177.015	251°51'39"
105.556	406643.517	5779174.921	243°48'08"
108.448	406640.971	5779173.550	239°36'24"
108.448	406640.971	5779173.550	239°36'29"
110.000	406639.628	5779172.772	240°11'52"
120.000	406630.792	5779168.094	244°00'27"

#### LOXTON STREET DESIGN LINE

CHAINAGE	EASTING	NORTHING	BEARING
0.000	406512.738	5779063.563	182°26'60"
86.353	406509.047	5778977.288	182°26'60"

1	UPDATED DESIGN FOR HART DRIVE	16.10.19	LB	MW
1	UPDATED ROAD NAMES & GAS & WATER CONDUIT LOCATIONS	06.05.19	LB	KT
0	ISSUED FOR CONSTRUCTION	02.05.19	NG	KT
C	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 12.04.19	14.04.19	LB	MW
B	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 04.04.19	11.04.19	LB	MW
A	INITIAL ISSUE	21.03.19	LB	MW
REVISION		DATE	DES/DT	APPD

Principal  
Brandy Creek Developments Pty Ltd  
PO Box 342  
Berwick VIC 3806

Designed  
L.Bates  
  
Drawn  
L.Bates  
  
Checked  
M.Warry  
  
Authorised  
K.Taylor  
  
Date  
Nov.2018

Scale @ A1  
H1:200 V1:20  
0 2 4 8  
0 0.2 0.4 0.8

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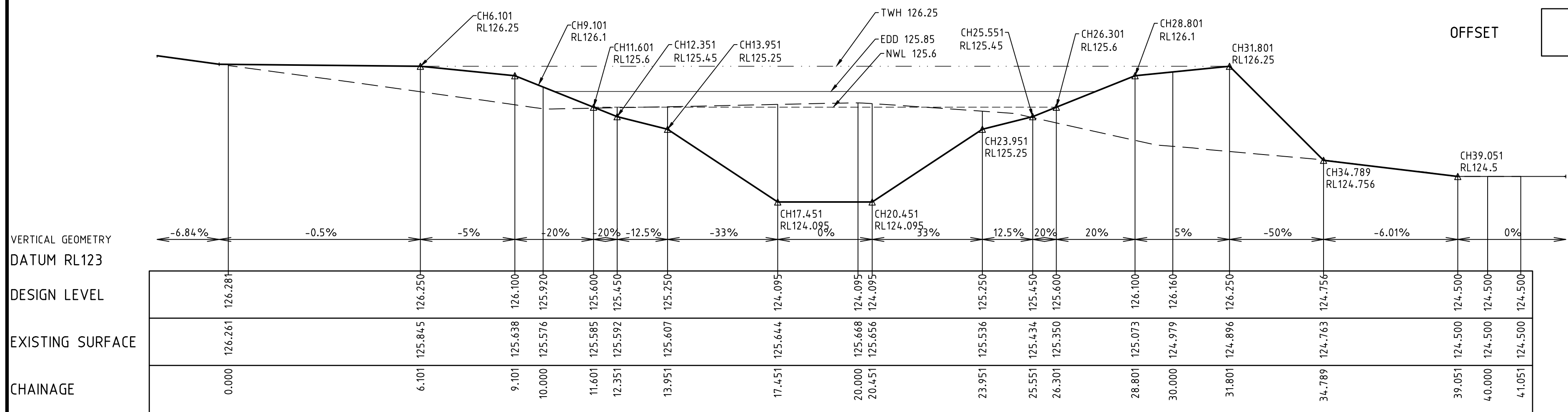
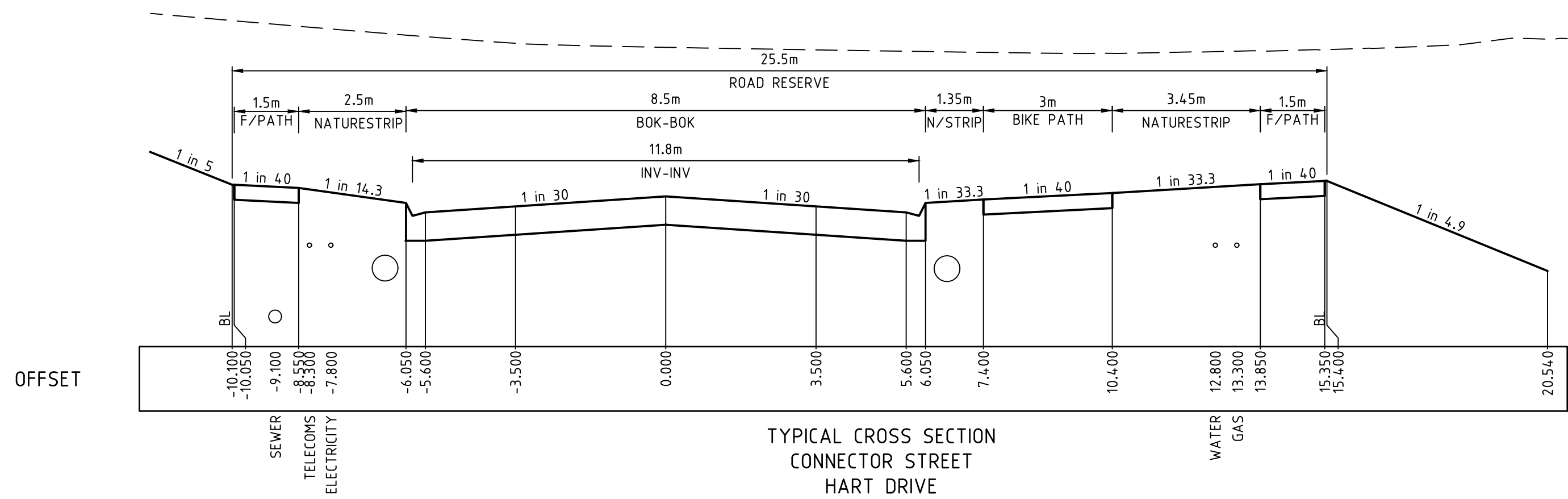
**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Lip Profile & Setout Information

Drawing No. 1518-06-04 Rev 2  
Sheet No. 04 of 23

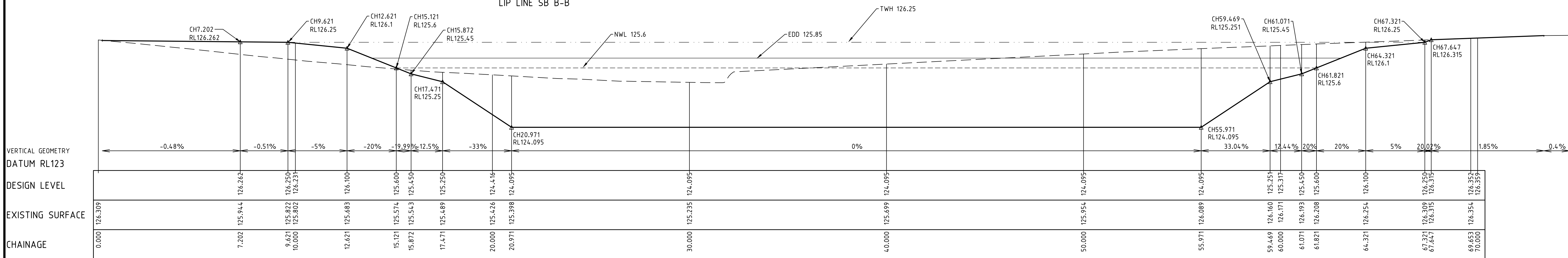
ISSUED FOR CONSTRUCTION

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

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

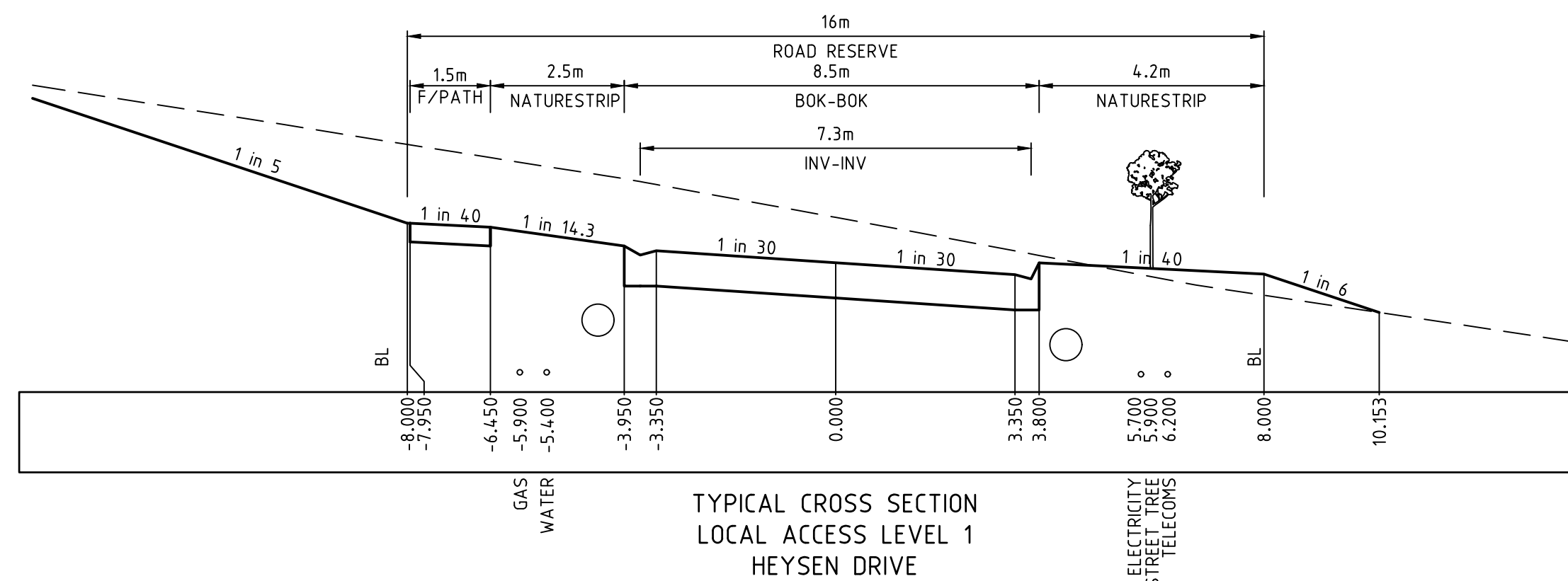


LIP LINE SB B-B

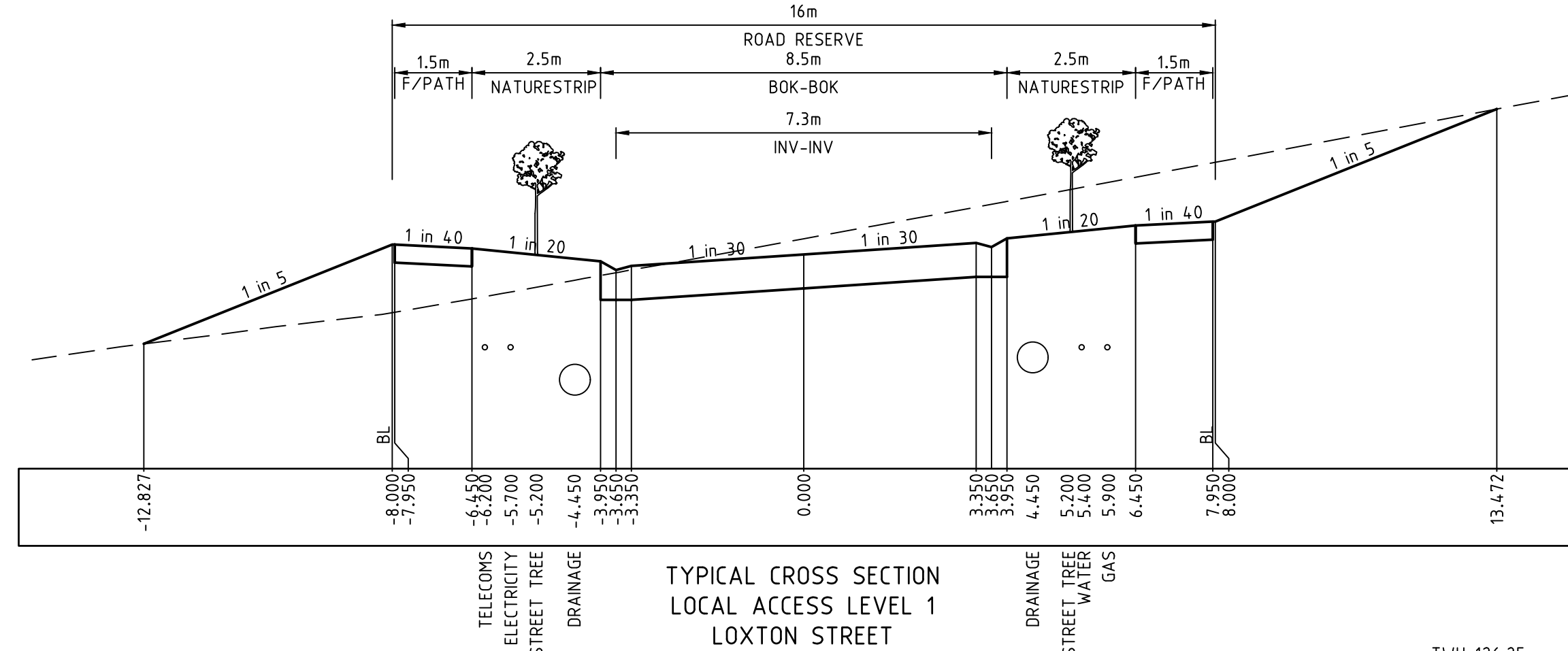


LIP LINE SB A-A

OFFSET



OFFSET

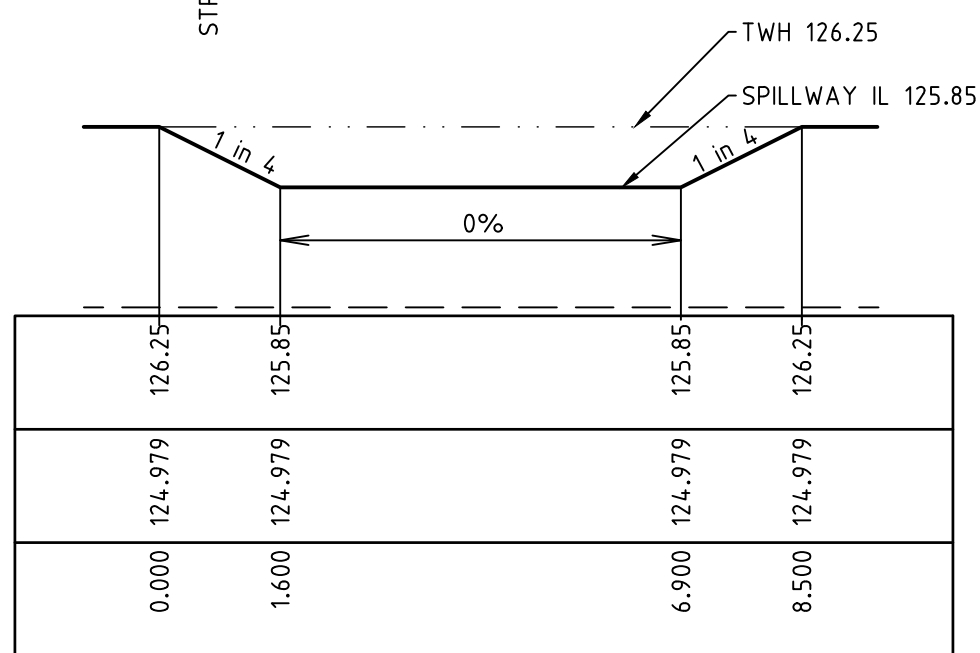


VERTICAL GEOMETRY  
DATUM RL121

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE



LIP LINE SB C-C

L:\wca\1518 - 270 brandy creek road warragul\1518-06\cad\1518-06-05

1	2	3	4	5
1	2	3	4	5
1	2	3	4	5
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Nov.2018

Scale @ A1  
H1:100 V1:50  
0 1 2 4  
0 0.5 1 2

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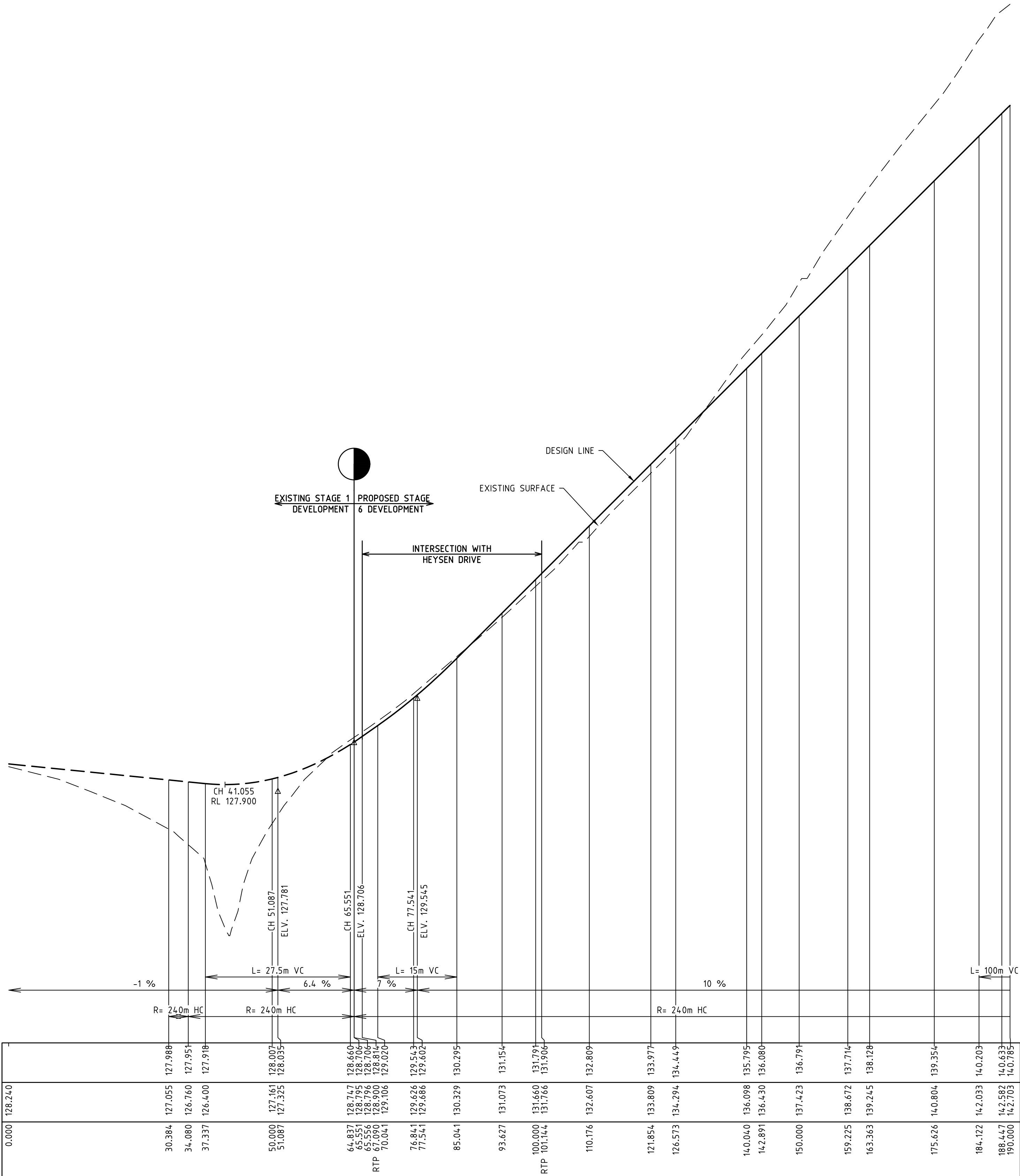
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ABN 96 153 508 199

**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Sediment Basin Cross Sections &  
Typical Cross Sections  
**Drawing No. 1518-06-05** **Rev 2**  
Sheet No. 05 of 23

ISSUED FOR CONSTRUCTION

LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE

VERTICAL GEOMETRY  
HORIZONTAL GEOMETRY  
DATUM RL123  
DESIGN CENTRELINE  
EXISTING SURFACE  
CHAINAGE

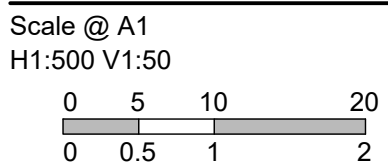


HART DRIVE LONGITUDINAL SECTION

•	•	•	•
•	•	•	•
•	•	•	•
2	UPDATED DESIGN FOR HART DRIVE	16.10.19	LB MW
1	UPDATED ROAD NAMES & GAS & WATER CONDUIT LOCATIONS	06.05.19	LB KT
0	ISSUED FOR CONSTRUCTION	02.05.19	NG KT
C	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 12.04.19	14.04.19	LB MW
B	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 04.04.19	11.04.19	LB MW
A	INITIAL ISSUE	21.03.19	LB MW
REVISION	DATE	DES/DFT	APPD

Principal  
Brandy Creek Developments Pty Ltd  
PO Box 342  
Berwick VIC 3806

Designed  
L.Bates  
Drawn  
L.Bates  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
Nov.2018



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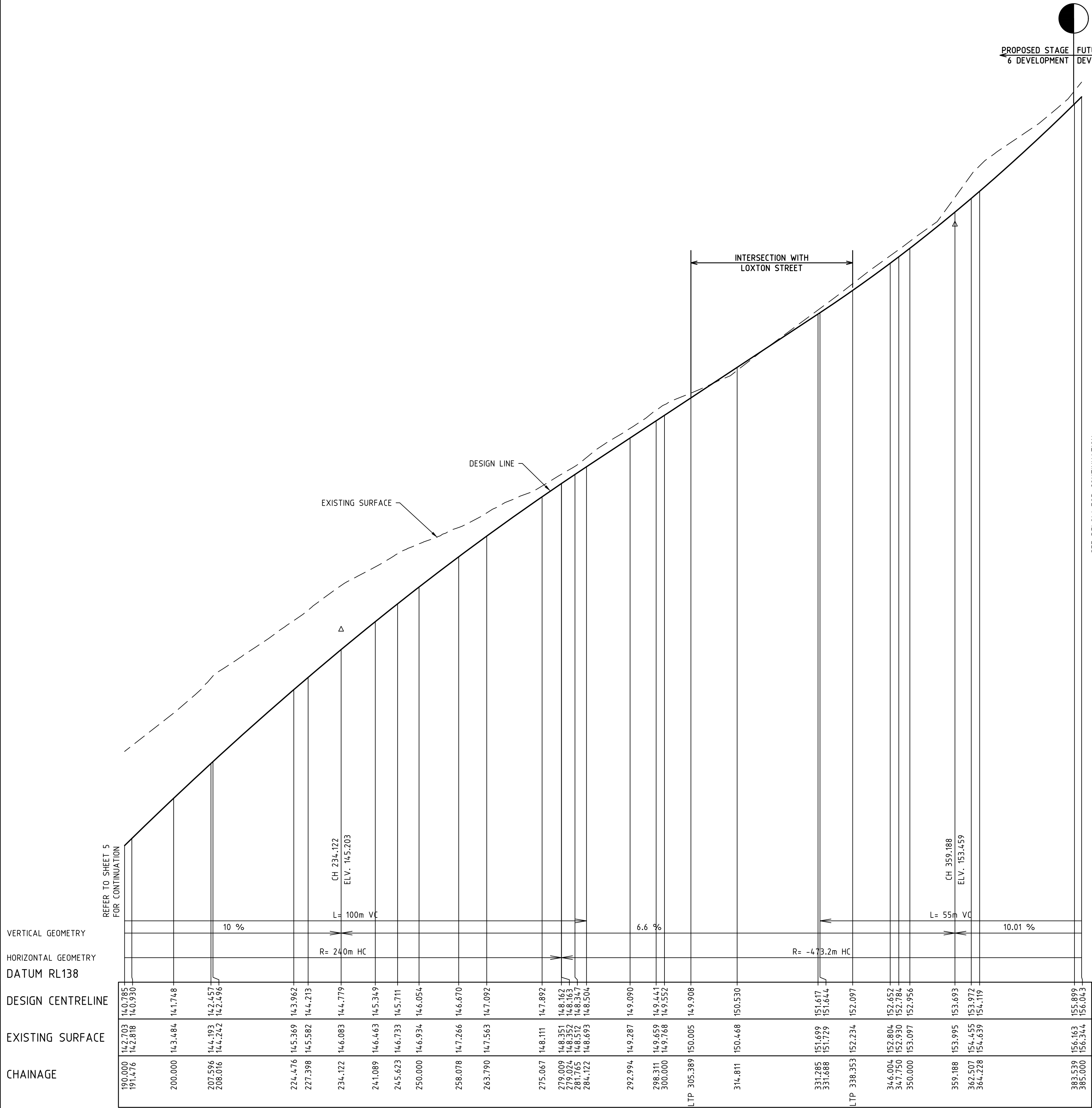
**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Longitudinal Section - 01

Drawing No. 1518-06-06 Rev 2  
Sheet No. 06 of 23

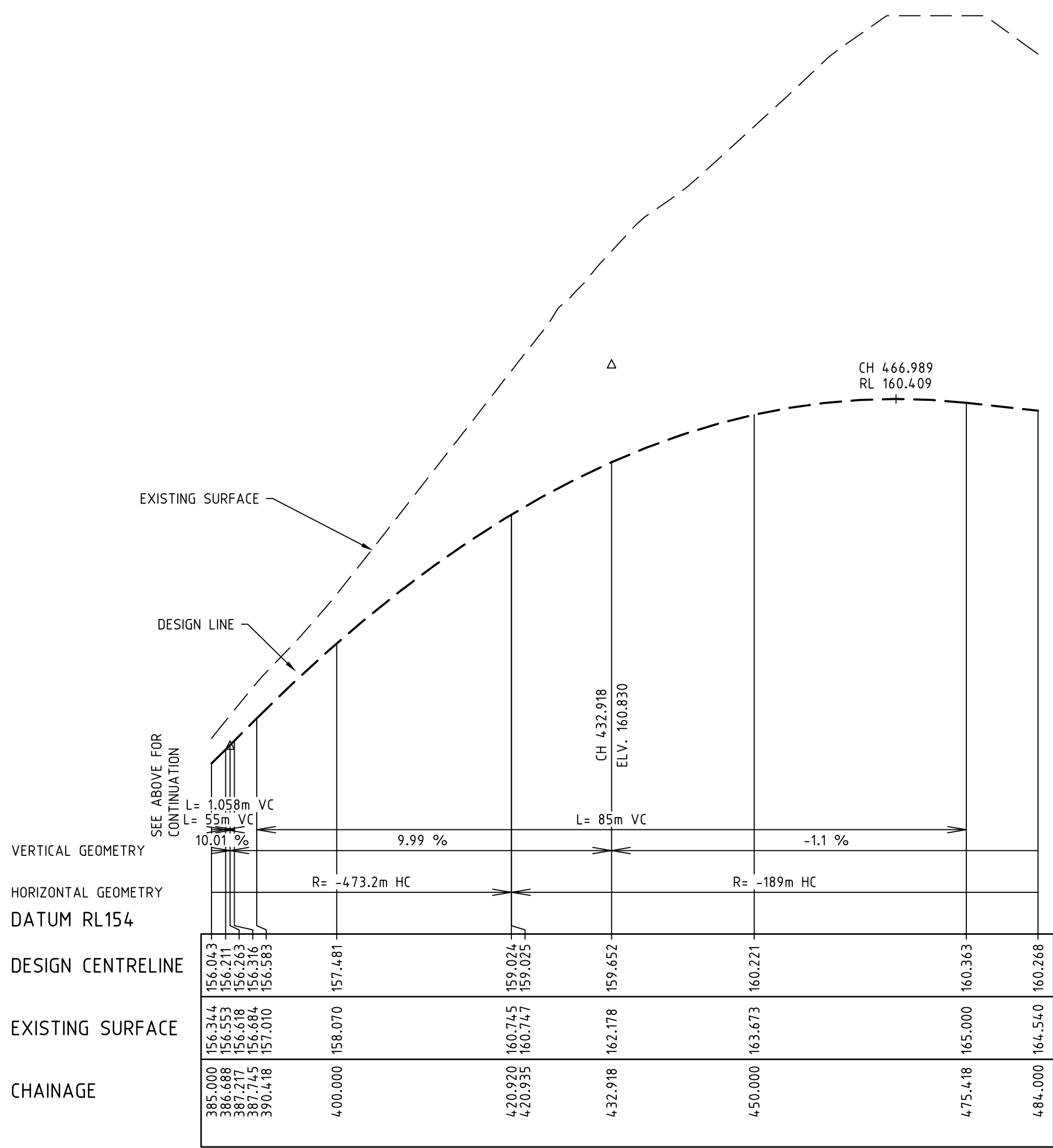
ISSUED FOR CONSTRUCTION

L:\wca\1518 - 270 brandy creek road warragul\1518-06\cad\1518-06-06

LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE



HART DRIVE LONGITUDINAL SECTION



HART DRIVE LONGITUDINAL SECTION

REVISION	DATE	DES/DT	APPD
A	21.03.19	LB	MW
B	11.04.19	LB	MW
C	14.04.19	LB	MW
0	02.05.19	NG	KT
1	06.05.19	LB	KT
2	16.10.19	LB	MW

Principal  
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Designed  
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Drawn  
L.Bates  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
Nov.2018

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

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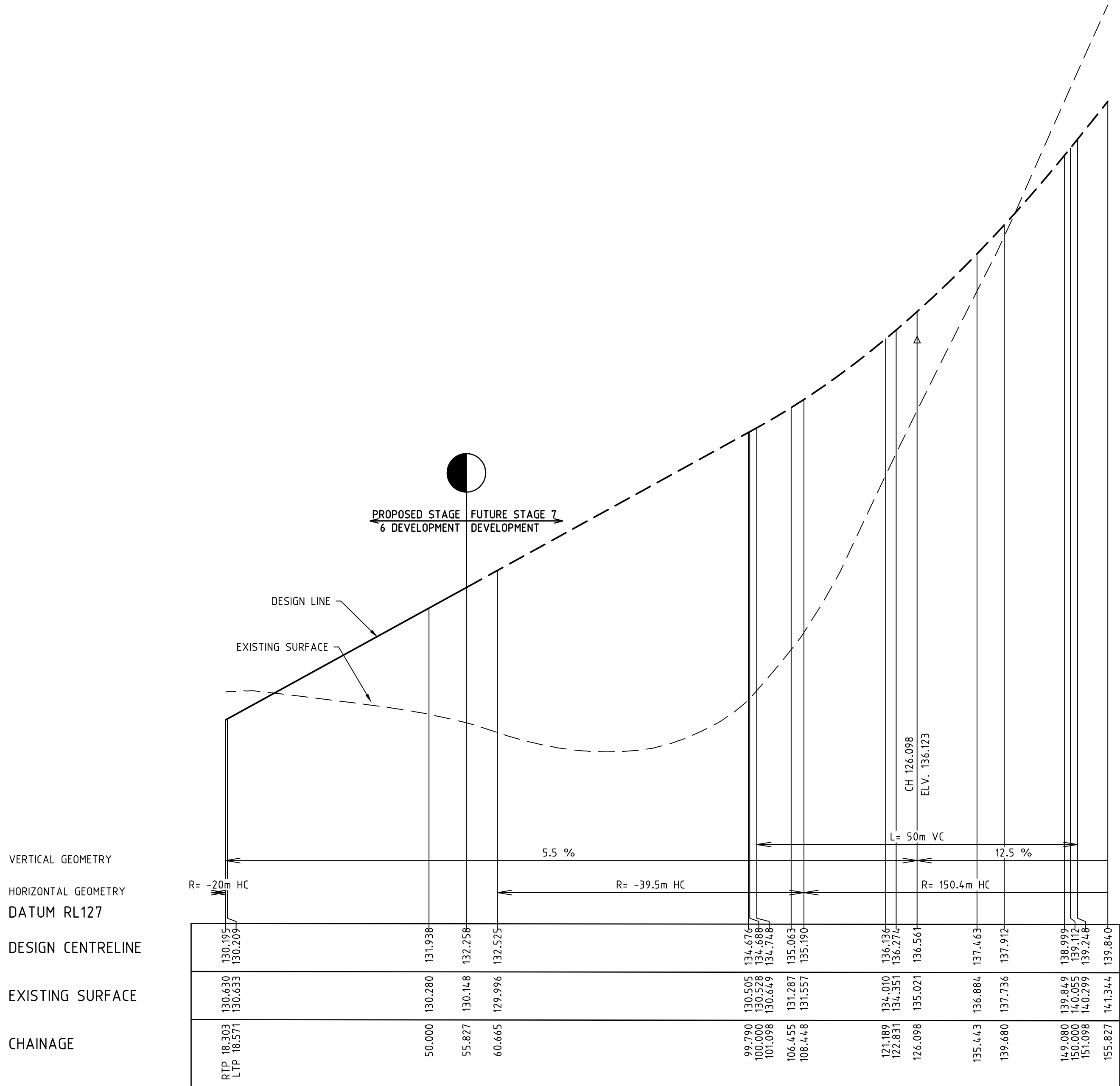
**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Longitudinal Section - 02

Drawing No. 1518-06-07 Rev 2  
Sheet No. 07 of 23

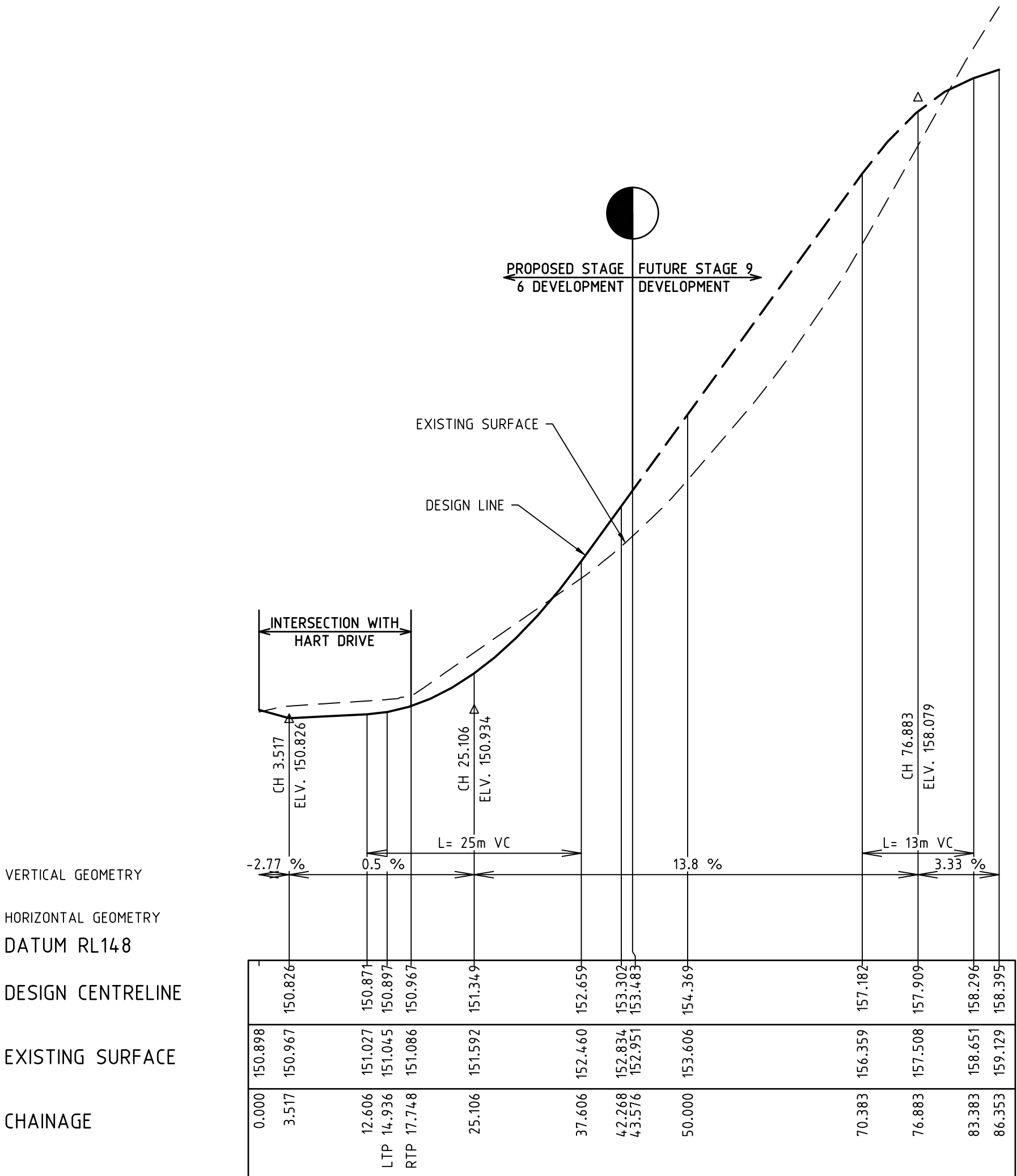
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LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE



HEYSEN DRIVE LONGITUDINAL SECTION

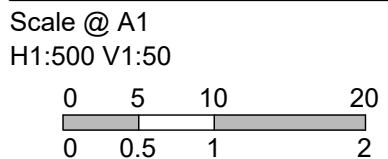


LOXTON STREET LONGITUDINAL SECTION

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•	•	•	•
2	UPDATED DESIGN FOR HART DRIVE	16.10.19	LB MW
1	UPDATED ROAD NAMES & GAS & WATER CONDUIT LOCATIONS	06.05.19	LB KT
0	ISSUED FOR CONSTRUCTION	02.05.19	NG KT
C	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 12.04.19	14.04.19	LB MW
B	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 04.04.19	11.04.19	LB MW
A	INITIAL ISSUE	21.03.19	LB MW
REVISION	DATE	DES/DFT	APPD

Principal  
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PO Box 342  
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Designed  
L.Bates  
Drawn  
L.Bates  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
Nov.2018



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**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Longitudinal Section - 03

Drawing No. 1518-06-08 Rev 2  
Sheet No. 08 of 23

ISSUED FOR CONSTRUCTION

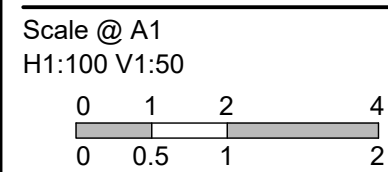


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1	2	3	4
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1	UPDATED ROAD NAMES & GAS & WATER CONDUIT LOCATIONS	06.05.19	LB KT
0	ISSUED FOR CONSTRUCTION	02.05.19	NG KT
C	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 12.04.19	14.04.19	LB MW
B	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 04.04.19	11.04.19	LB MW
A	INITIAL ISSUE	21.03.19	LB MW
REVISION		DATE	DES/DTF APPD

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PO Box 342  
Berwick VIC 3806

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L.Bates  
  
Drawn  
L.Bates  
  
Checked  
M.Warry  
  
Authorised  
K.Taylor  
  
Date  
Nov.2018



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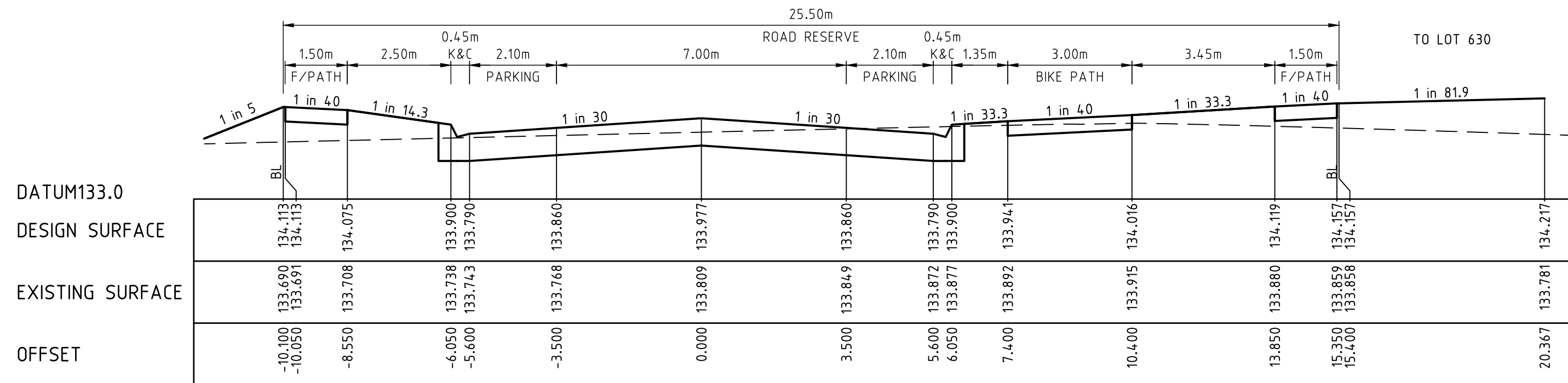
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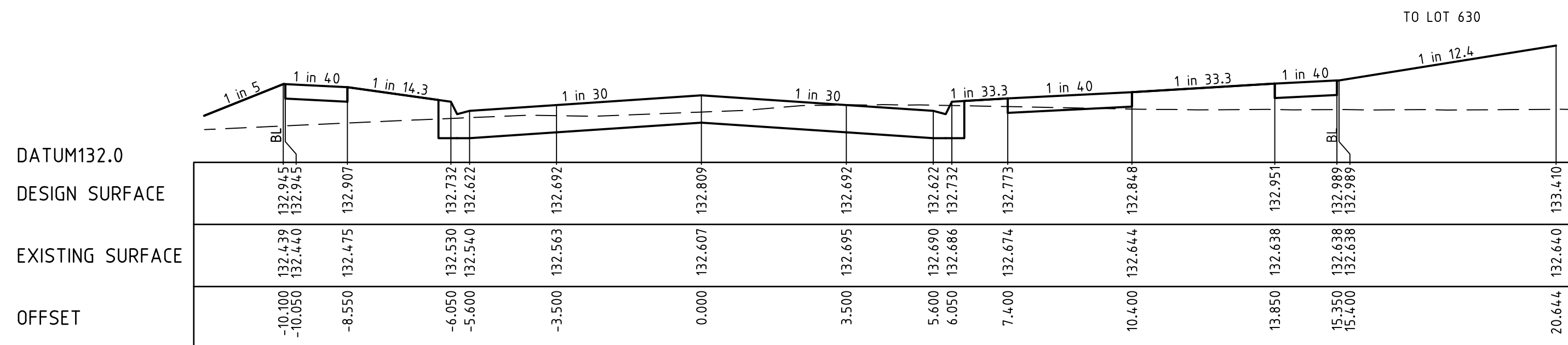
**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Cross Sections - Hart Drive  
CH 65.556 - CH 159.225  
**Drawing No. 1518-06-09**  
Sheet No. 09 of 23

Rev 2

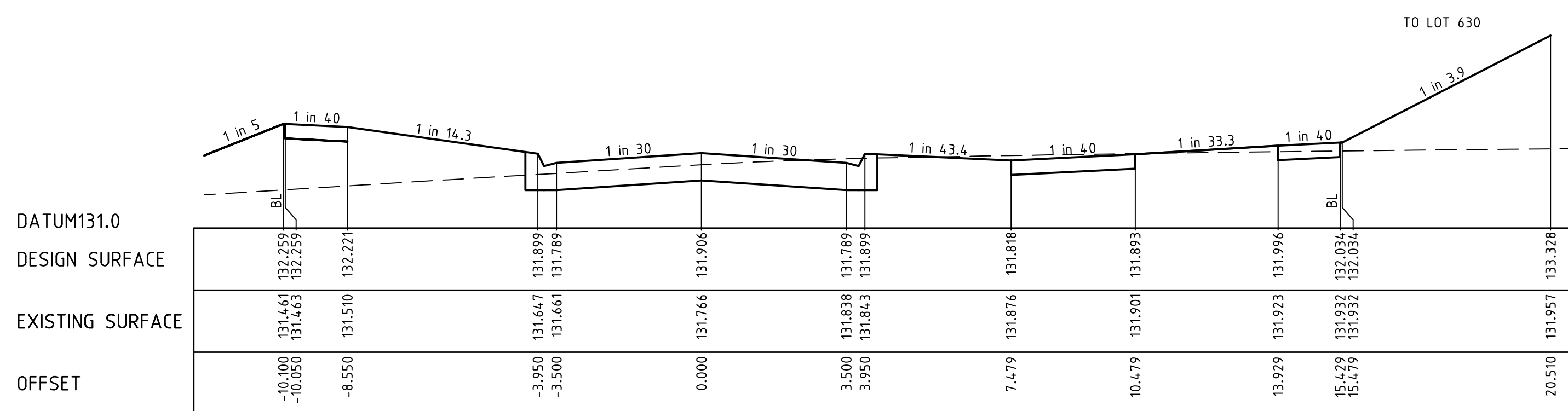
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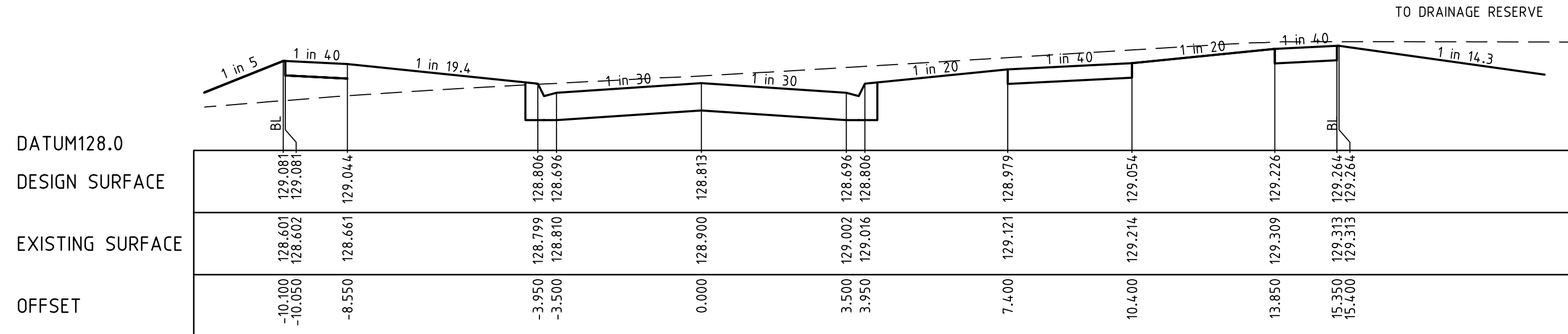
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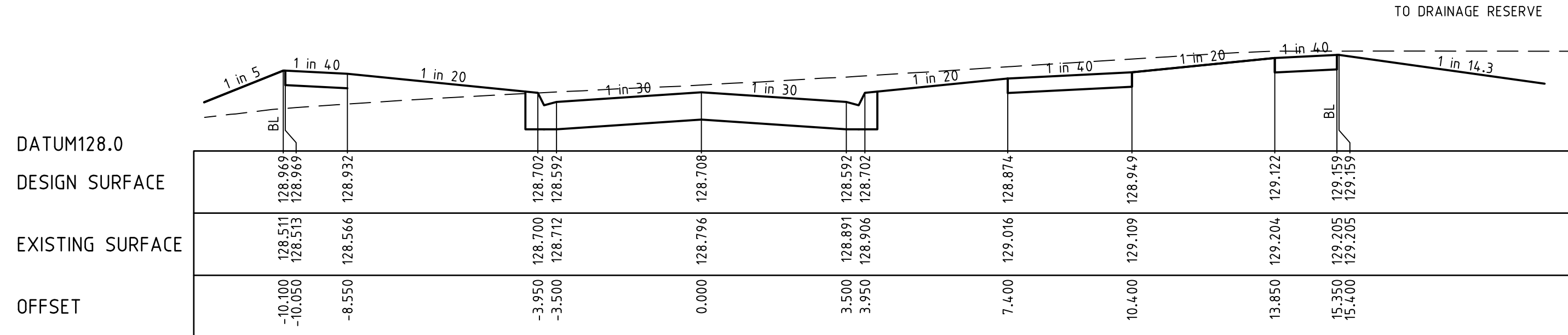
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LTP CH 101.144



RTP CH 67.090

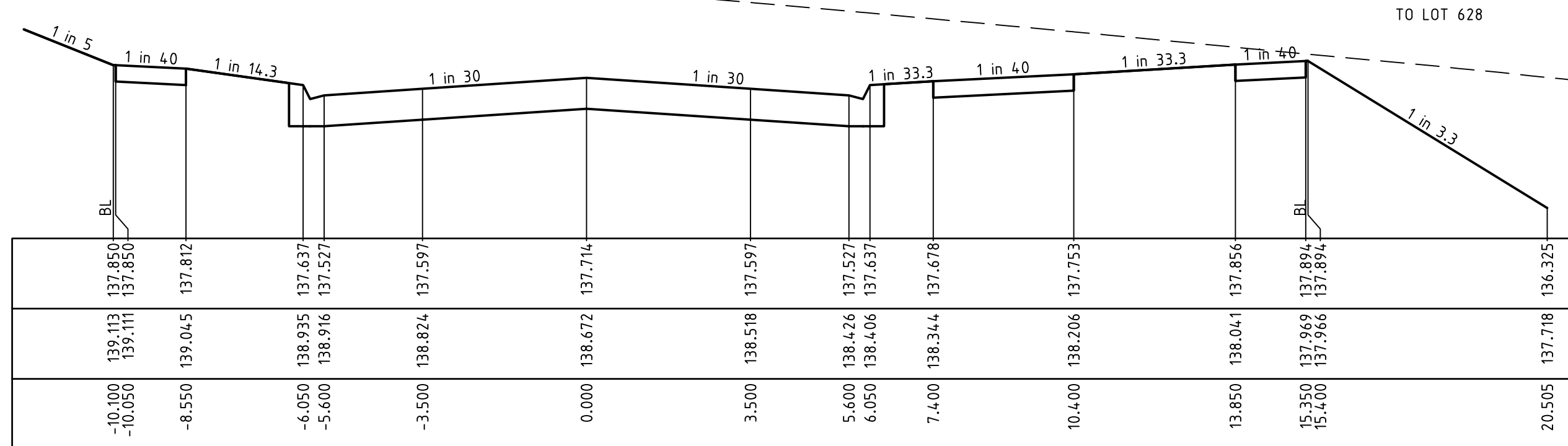


CH 65.556

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

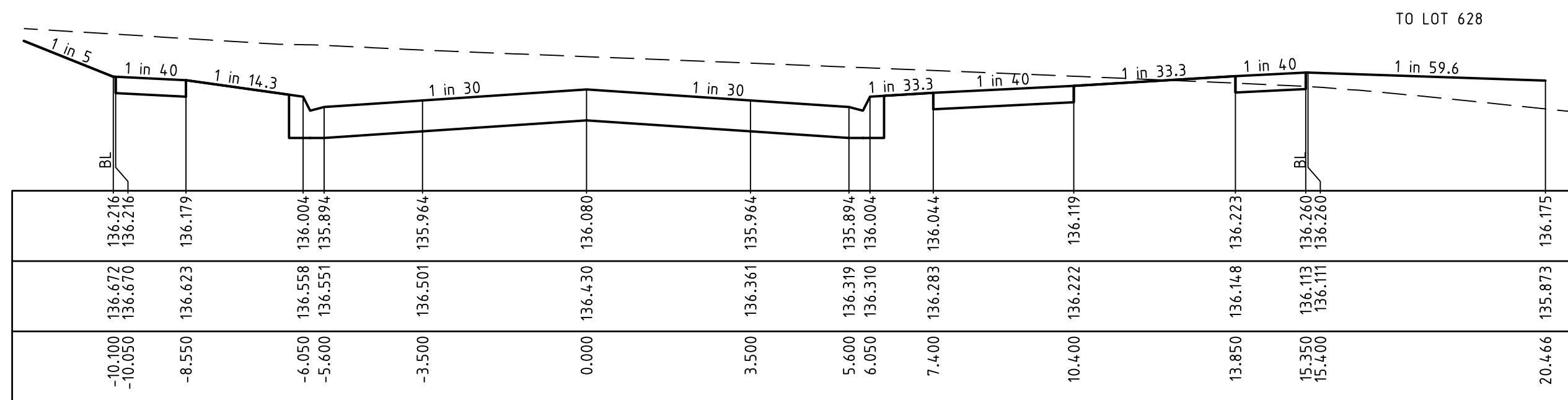
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— DESIGN LINE  
- - - FUTURE DESIGN LINE

DATUM136.0  
DESIGN SURFACE  
EXISTING SURFACE  
OFFSET



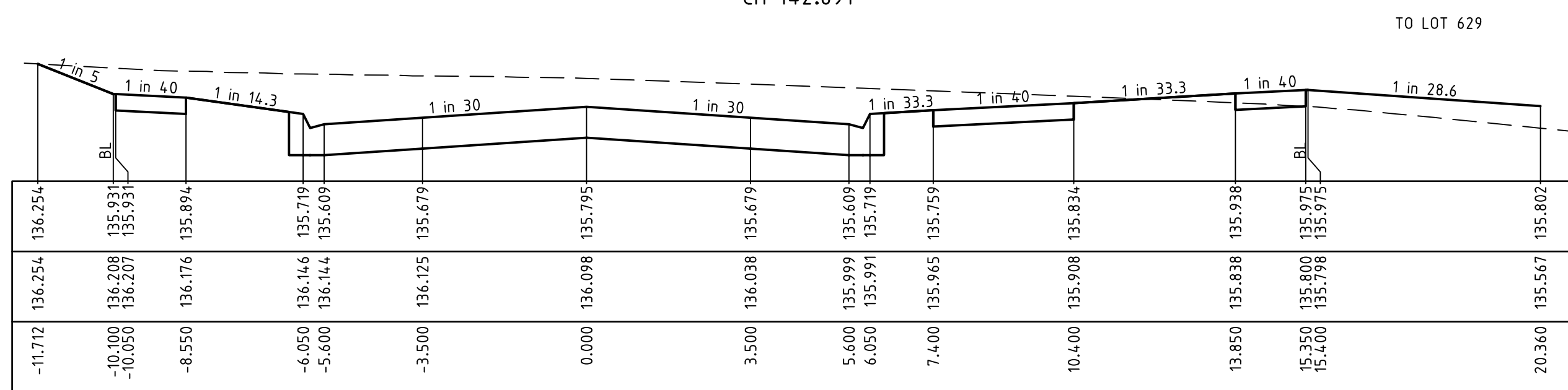
CH 159.225

DATUM135.0  
DESIGN SURFACE  
EXISTING SURFACE  
OFFSET



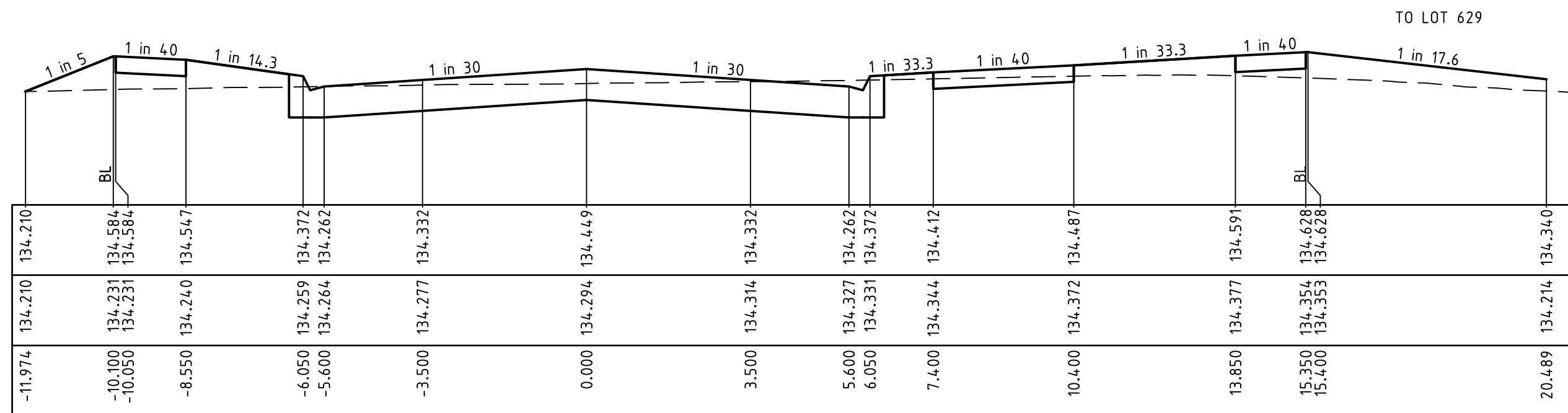
CH 142.891

DATUM135.0  
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EXISTING SURFACE  
OFFSET

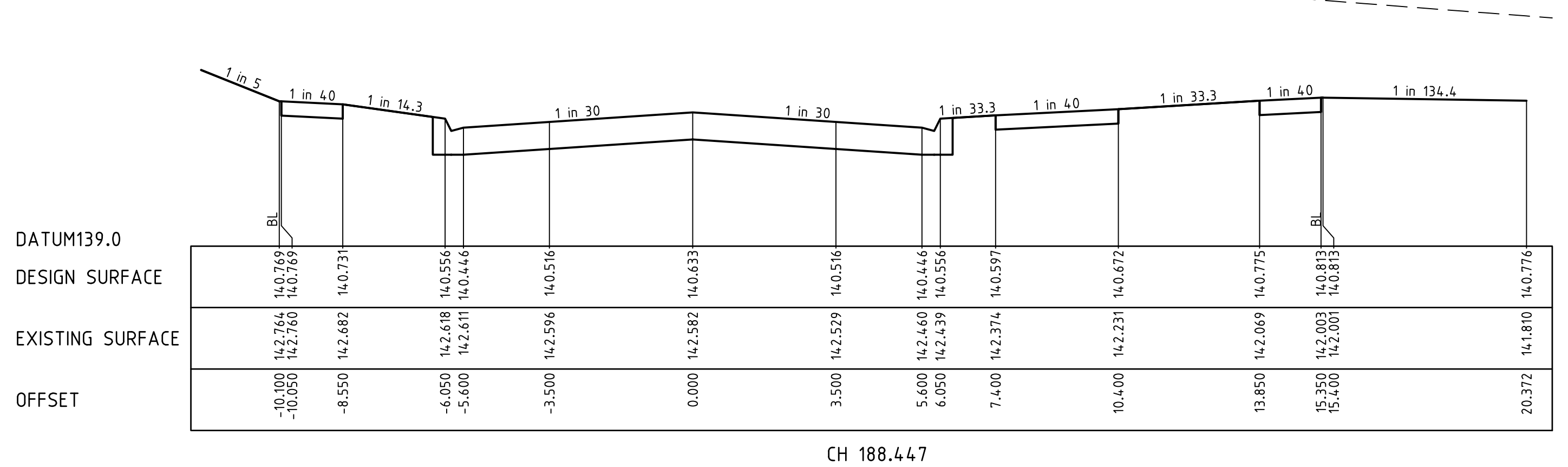
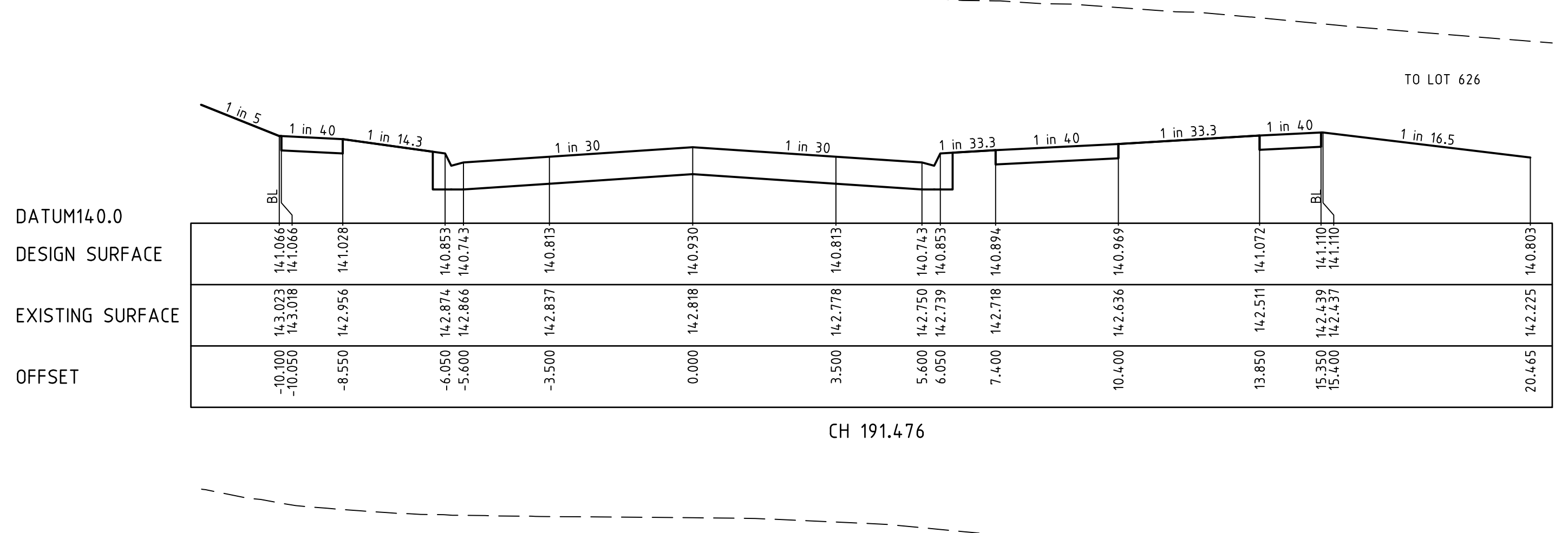
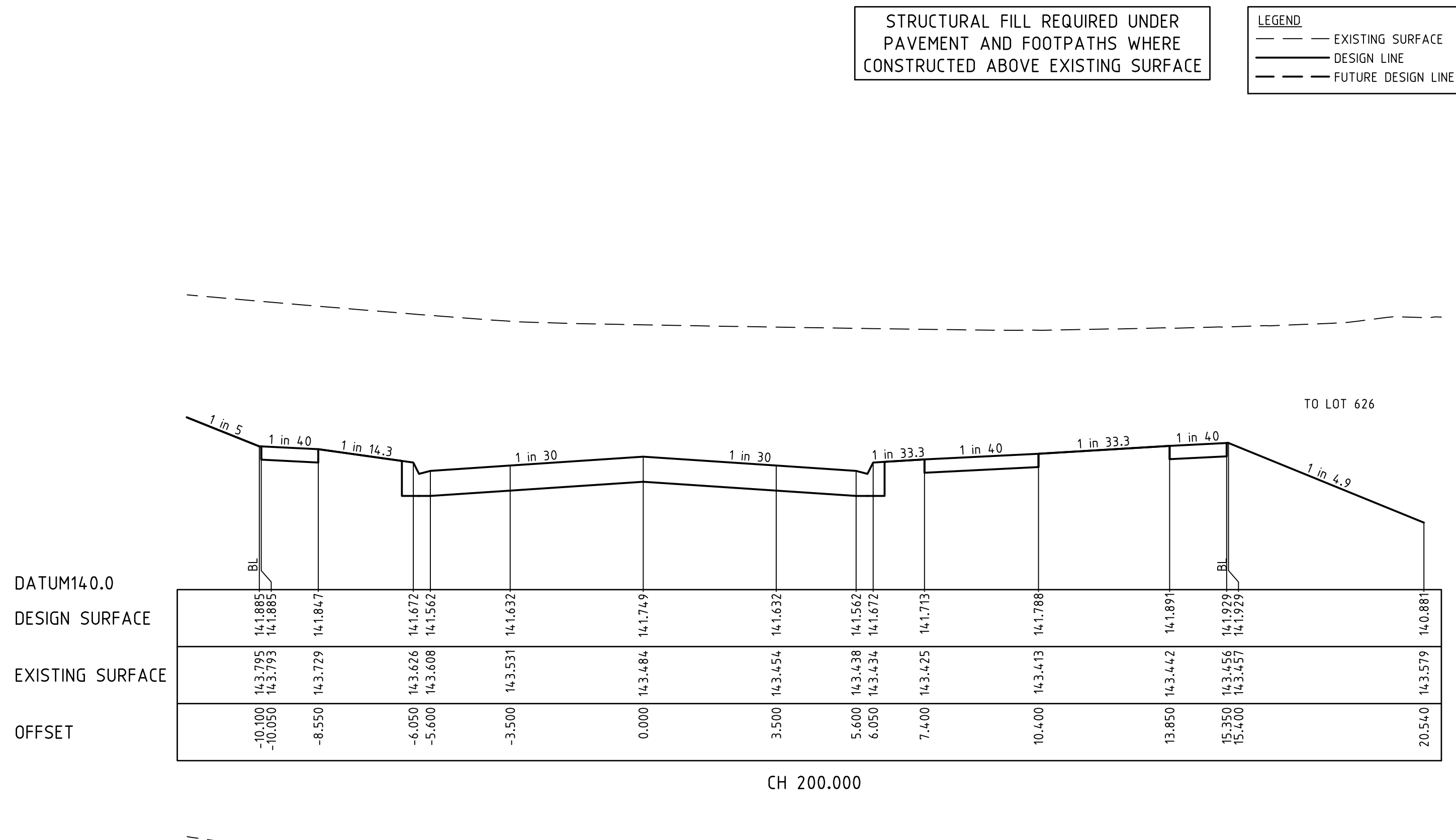
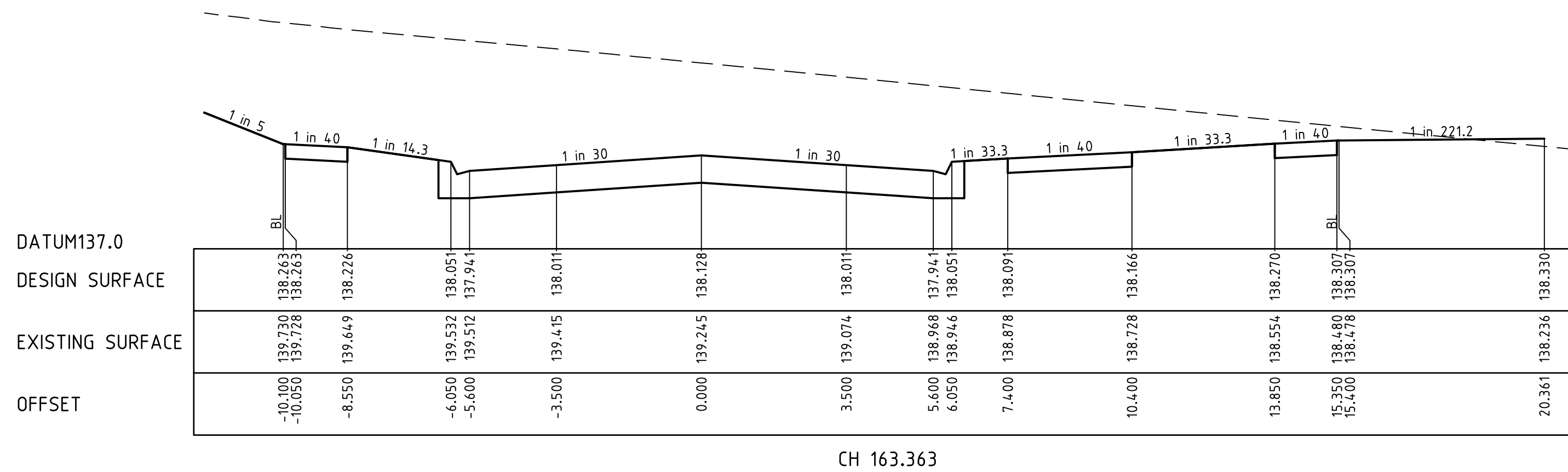
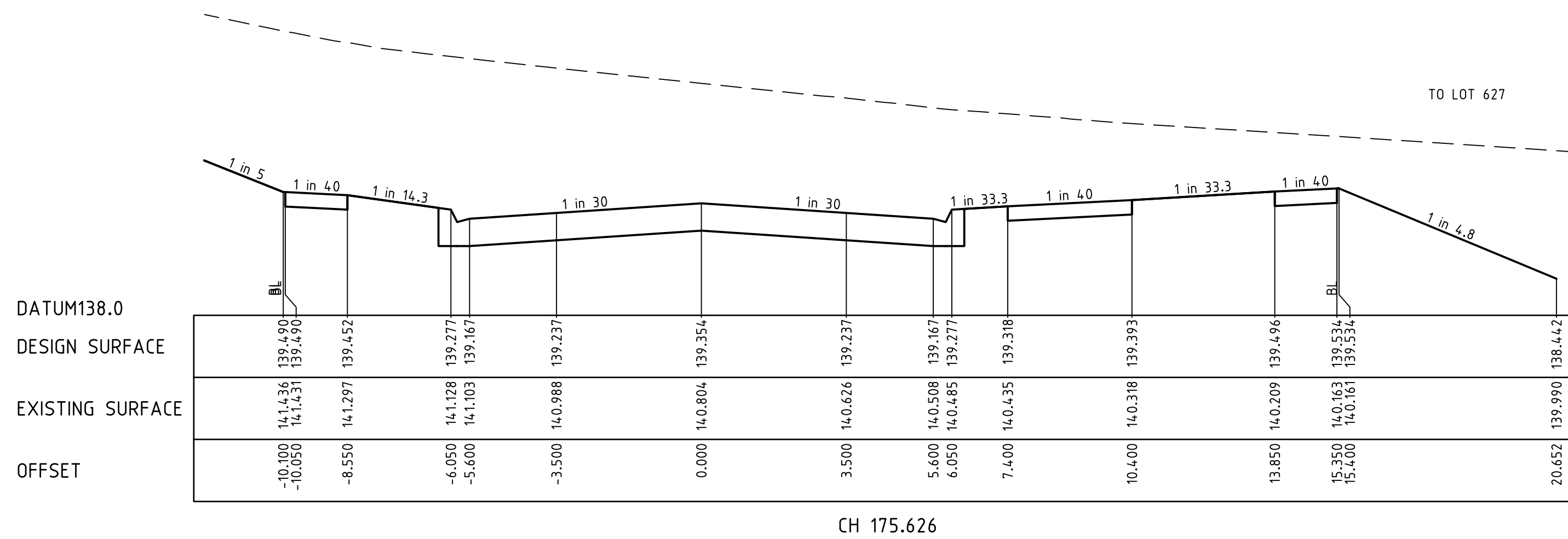
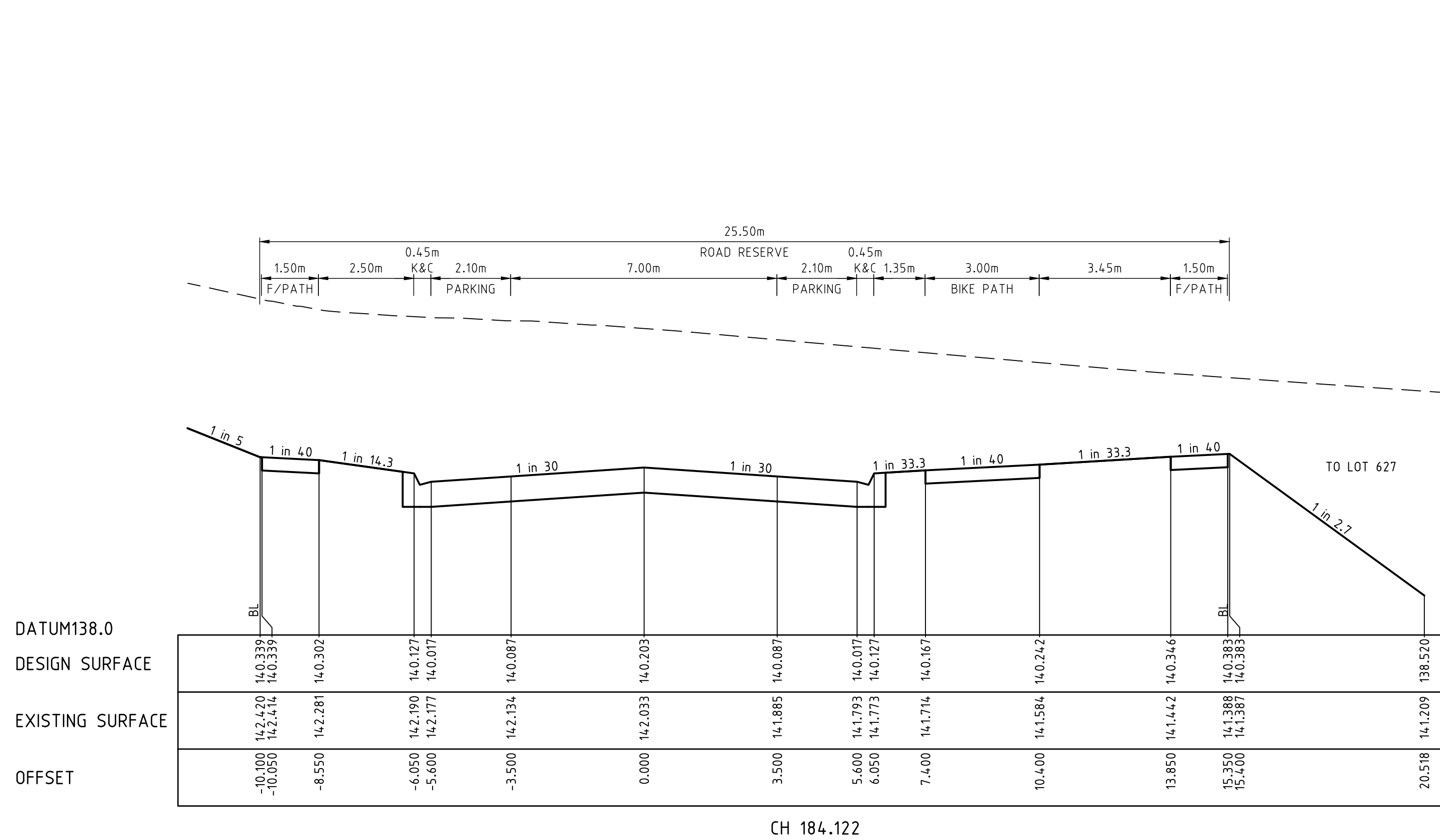


CH 140.040

DATUM133.0  
DESIGN SURFACE  
EXISTING SURFACE  
OFFSET



CH 126.573



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-	-	-	-
2	UPDATED DESIGN FOR HART DRIVE	16.10.19	LB MW
1	UPDATED ROAD NAMES & GAS & WATER CONDUIT LOCATIONS	06.05.19	LB KT
0	ISSUED FOR CONSTRUCTION	02.05.19	NG KT
C	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 12.04.19	14.04.19	LB MW
B	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 04.04.19	11.04.19	LB MW
A	INITIAL ISSUE	21.03.19	LB MW
REVISION		DATE	DES/DFT APPR

Principal  
Brandy Creek Developments Pty Ltd  
PO Box 342  
Berwick VIC 3806

Designed  
L.Bates

Drawn  
L.Bates

Checked  
M.Warry

Authorised  
K.Taylor

Date  
Nov.2018

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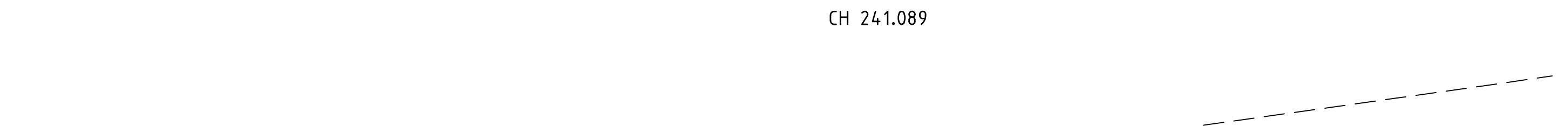
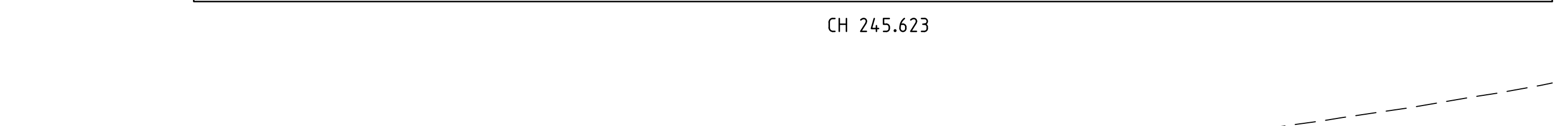
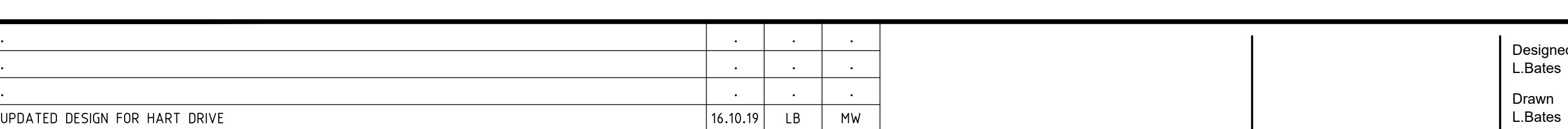
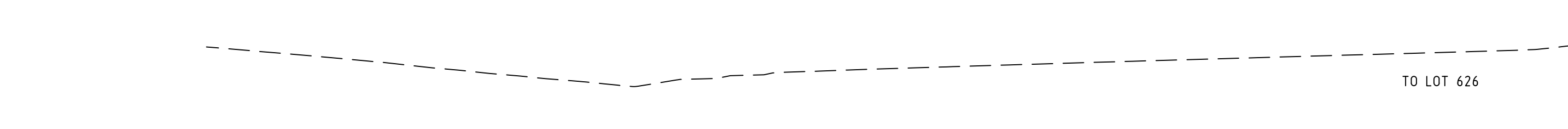
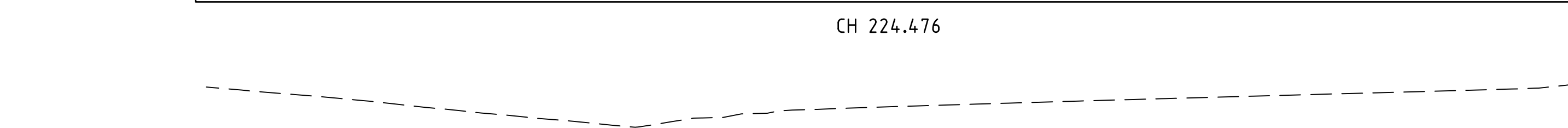
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**270 BRANDY CREEK ROAD, WARRAGUL**  
 Stage 6  
 Baw Baw Shire Council - PLA 0130/16  
 Roadworks and Drainage  
 Cross Sections - Hart Drive  
 CH 163.363 - CH 200.000  
**Drawing No. 1518-06-10** **Rev 2**  
 Sheet No. 10 of 23

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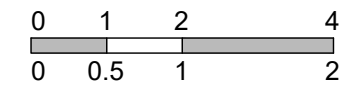
ISSUED FOR CONSTRUCTION

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2	UPDATED DESIGN FOR HART DRIVE	16.10.19	LB MW
1	UPDATED ROAD NAMES & GAS & WATER CONDUIT LOCATIONS	06.05.19	LB KT
0	ISSUED FOR CONSTRUCTION	02.05.19	NG KT
C	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 12.04.19	14.04.19	LB MW
B	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 04.04.19	11.04.19	LB MW
A	INITIAL ISSUE	21.03.19	LB MW
REVISION	DATE	DES/DFT	APPD

Principal  
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PO Box 342  
Berwick VIC 3806

Designed  
L.Bates  
  
Drawn  
L.Bates  
  
Checked  
M.Warry  
  
Authorised  
K.Taylor  
  
Date  
Nov.2018

Scale @ A1  
H1:100 V1:50  


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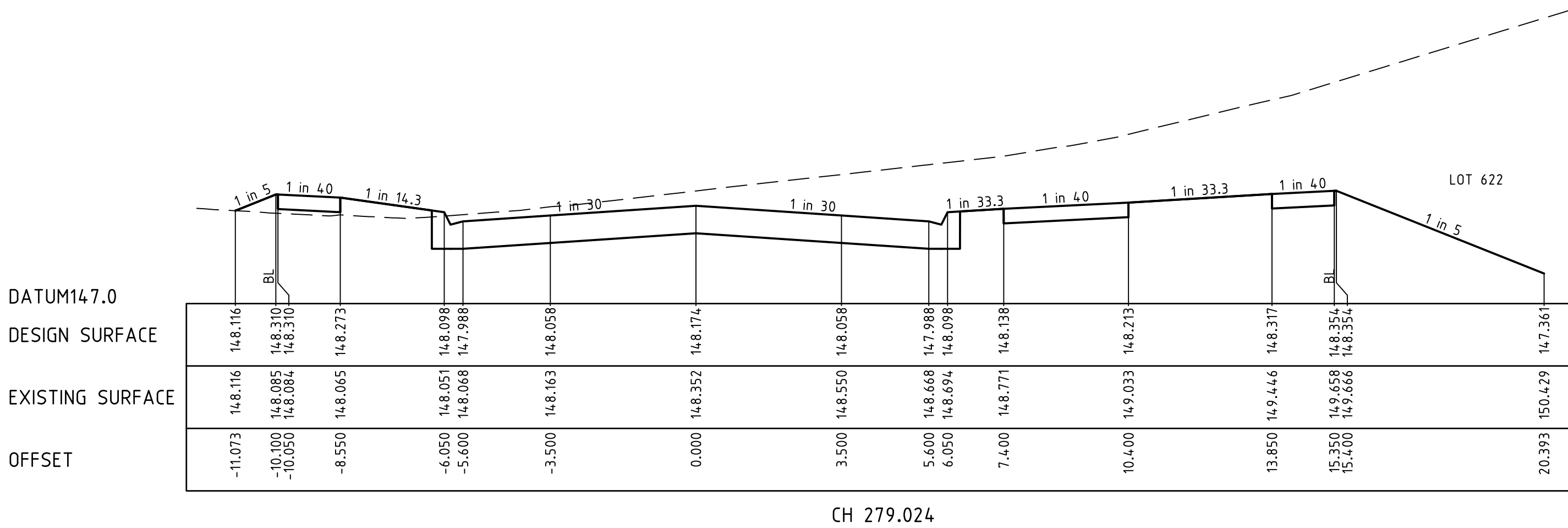
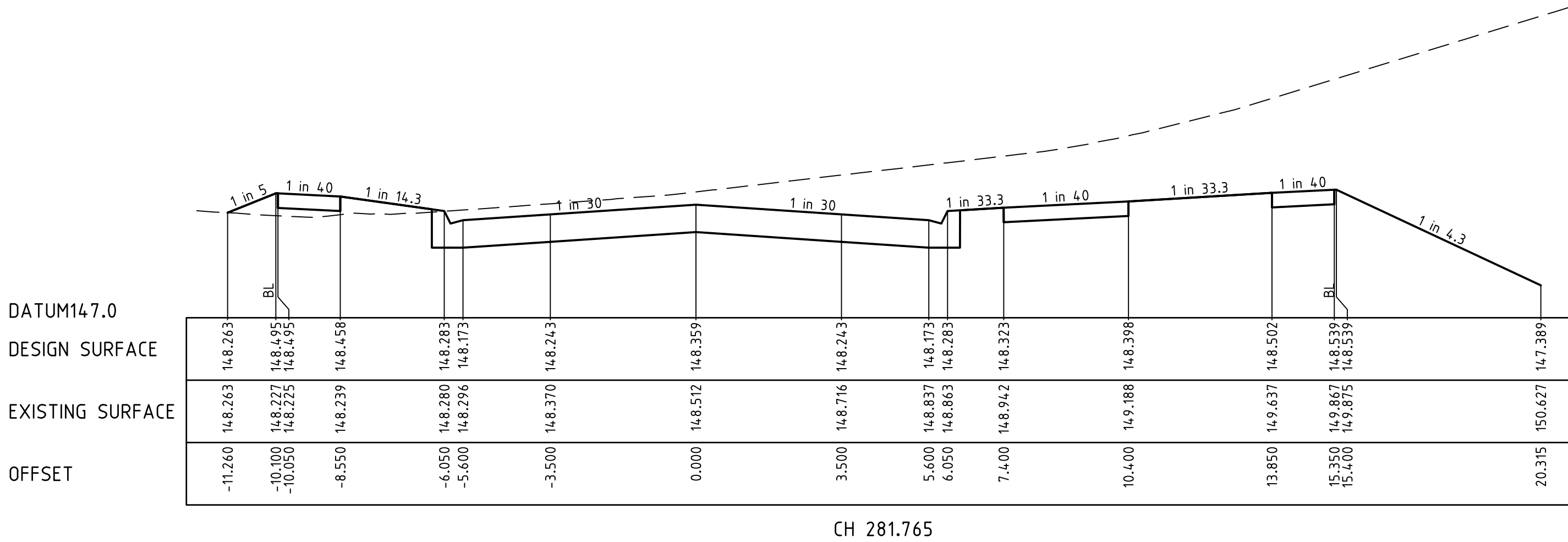
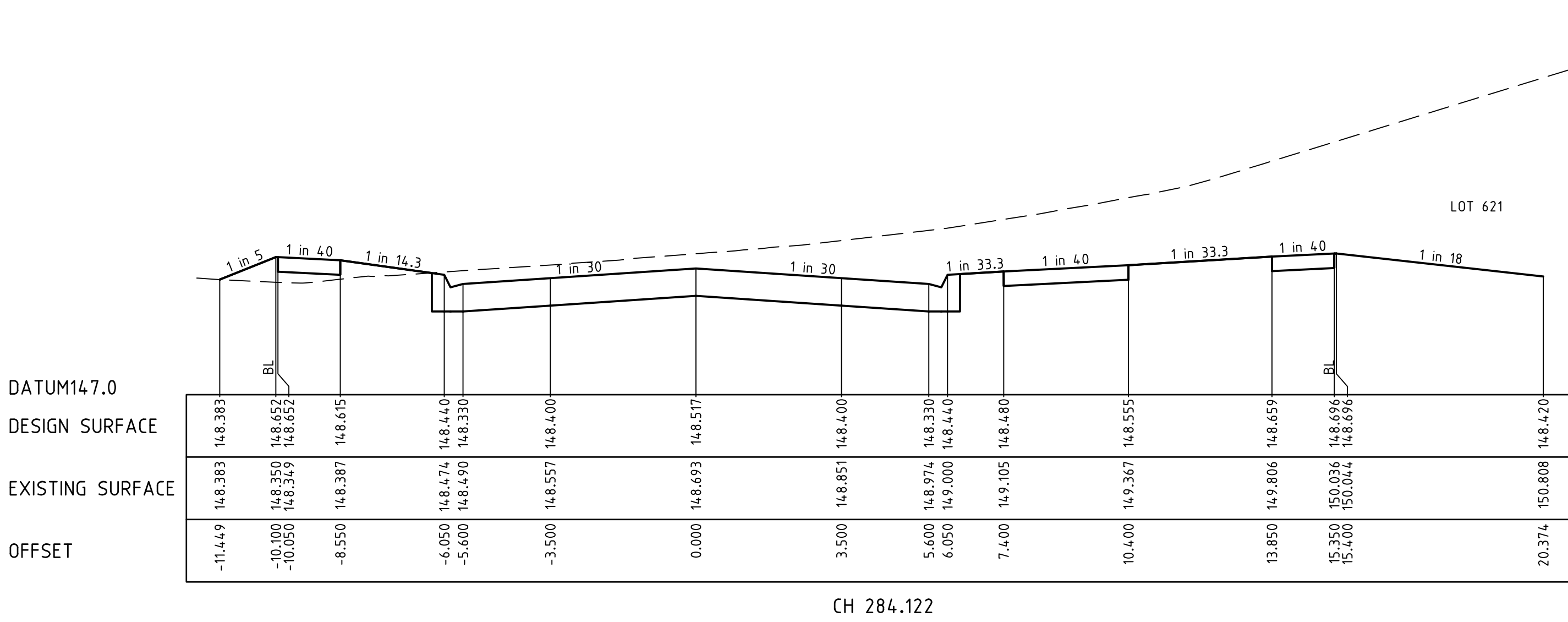
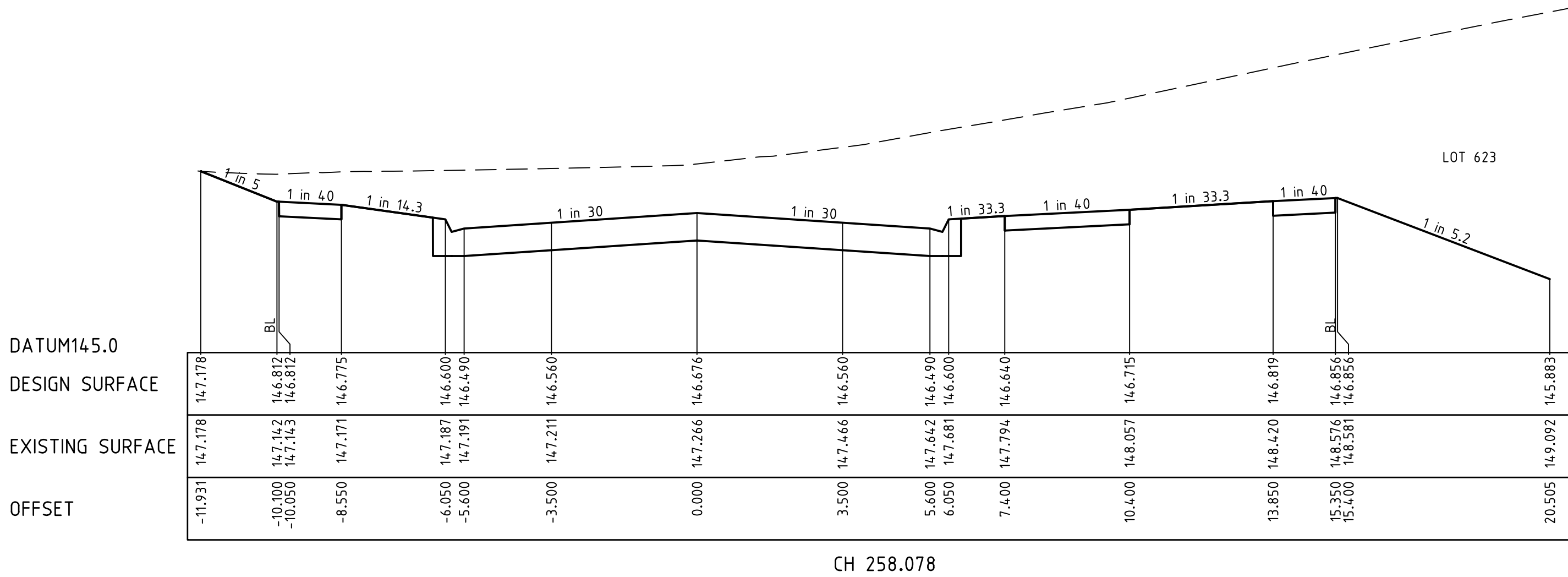
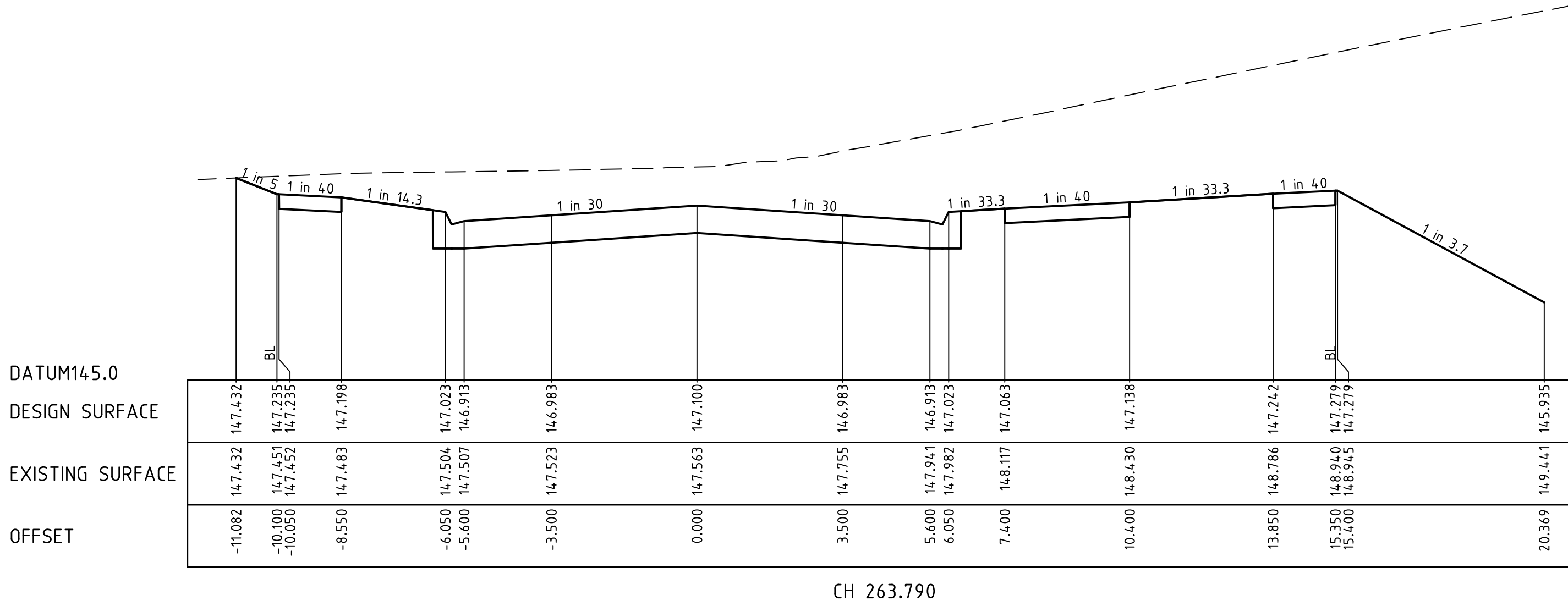
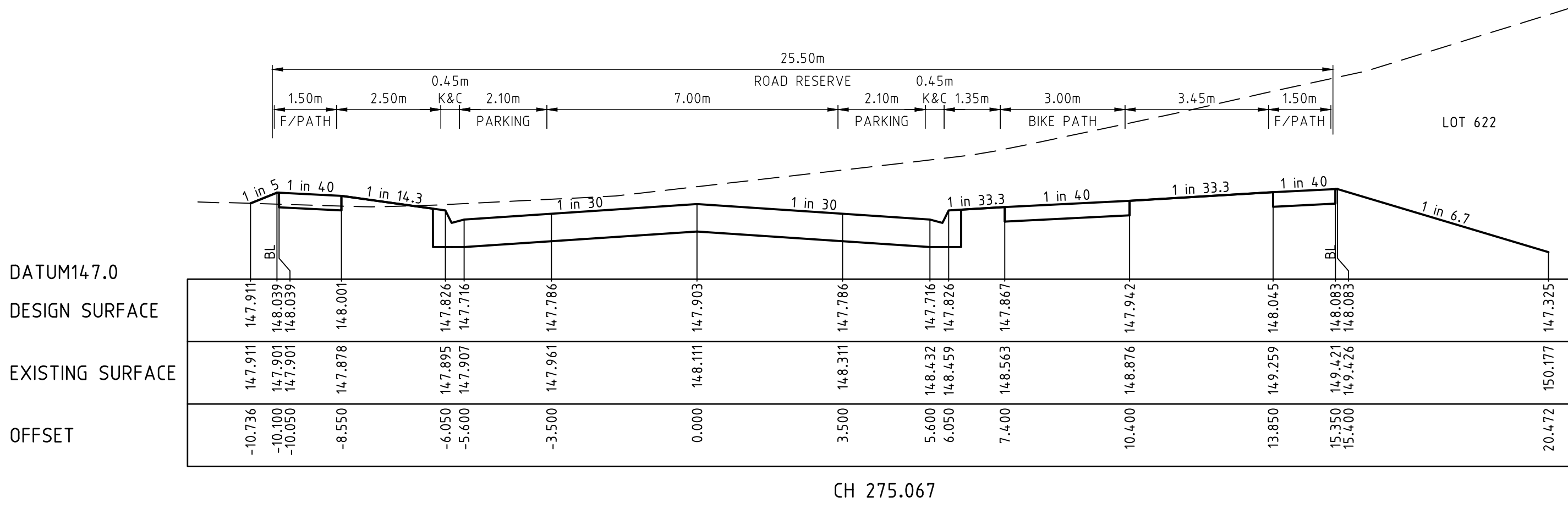
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ABN 96 153 508 199

**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Cross Sections - Hart Drive  
CH 258.078 - CH 284.122  
**Drawing No. 1518-06-12** **Rev 2**  
Sheet No. 12 of 23

**ISSUED FOR CONSTRUCTION**

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

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





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•	•	•	•
2	UPDATED DESIGN FOR HART DRIVE	16.10.19	LB MW
1	UPDATED ROAD NAMES & GAS & WATER CONDUIT LOCATIONS	06.05.19	LB KT
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A	INITIAL ISSUE	21.03.19	LB MW
REVISION	DATE	DES/DT	APPD

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Brandy Creek Developments Pty Ltd  
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Date  
Nov.2018

Scale @ A1  
H1:100 V1:50  
0 1 2 4  
0 0.5 1 2

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**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Cross Sections - Hart Drive  
CH 292.994- CH 347.750  
**Drawing No. 1518-06-13**  
Sheet No. 13 of 23

Rev 2

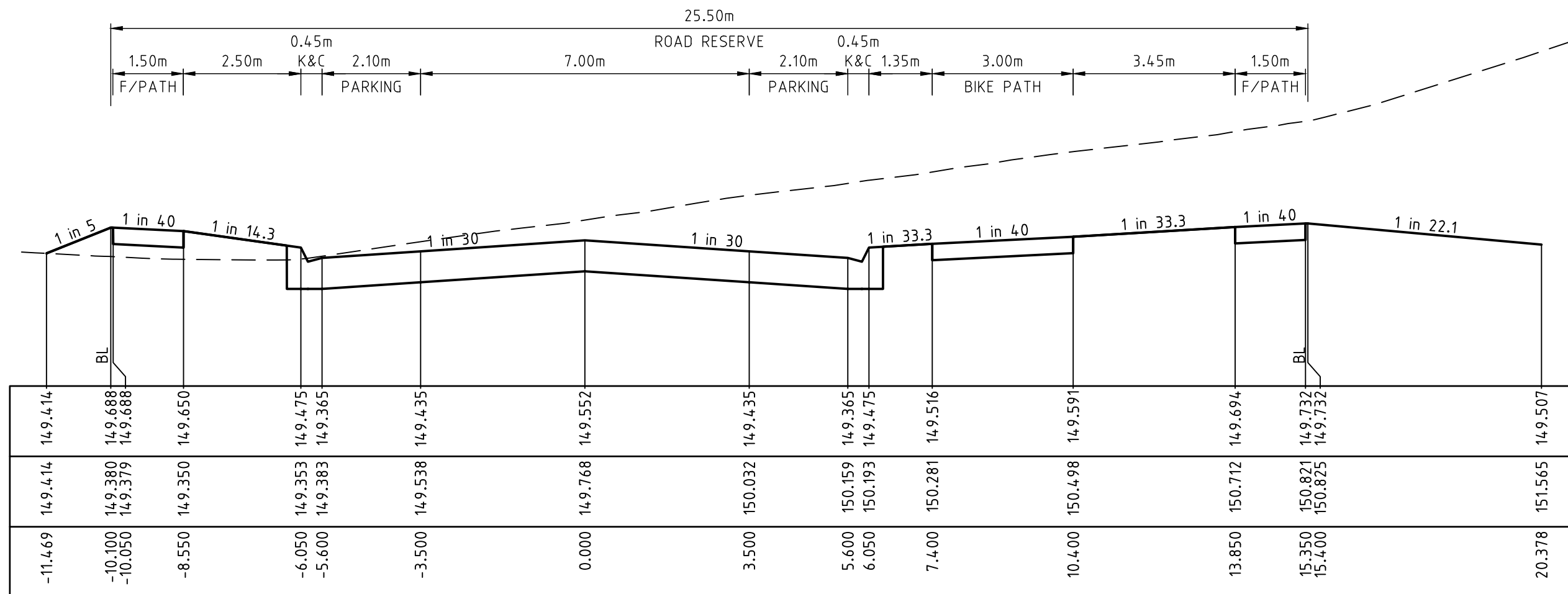
ISSUED FOR CONSTRUCTION

DATUM148.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET



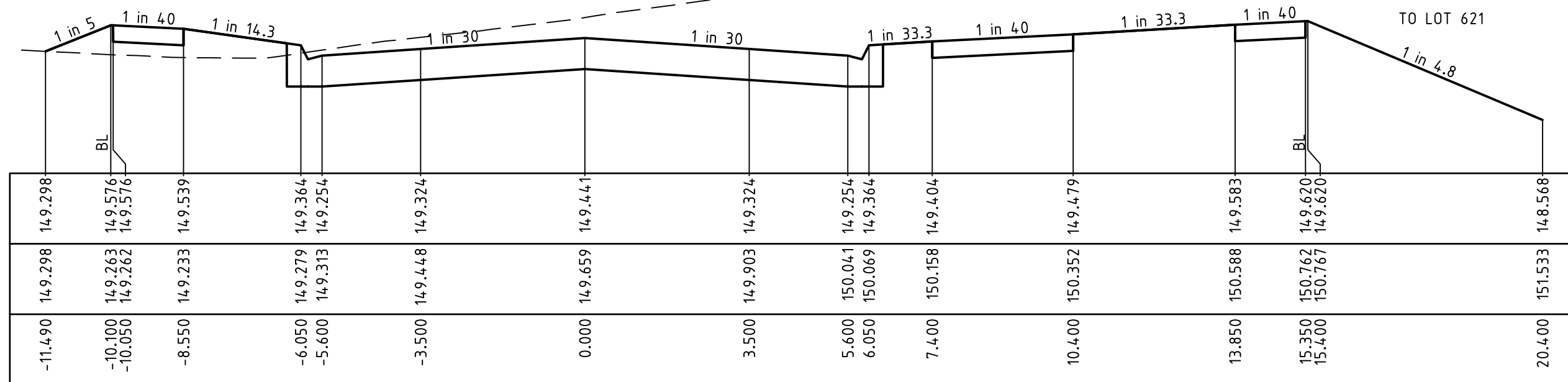
CH 300.000

DATUM148.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET



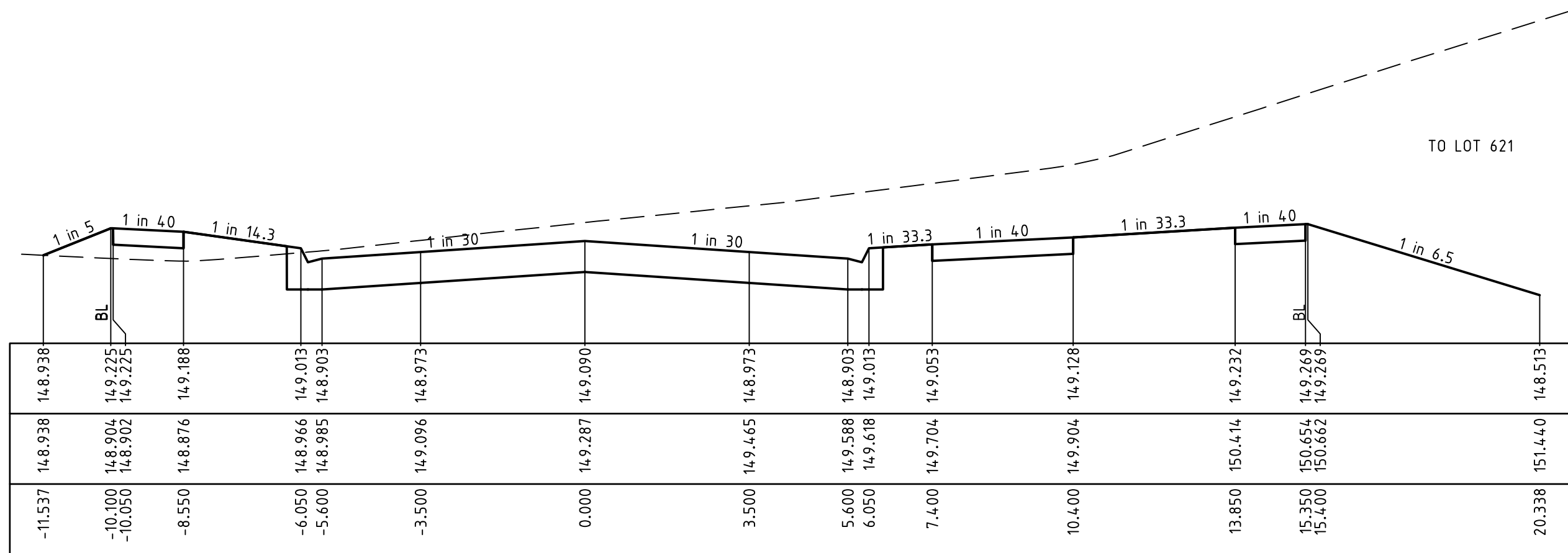
CH 298.311

DATUM148.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET



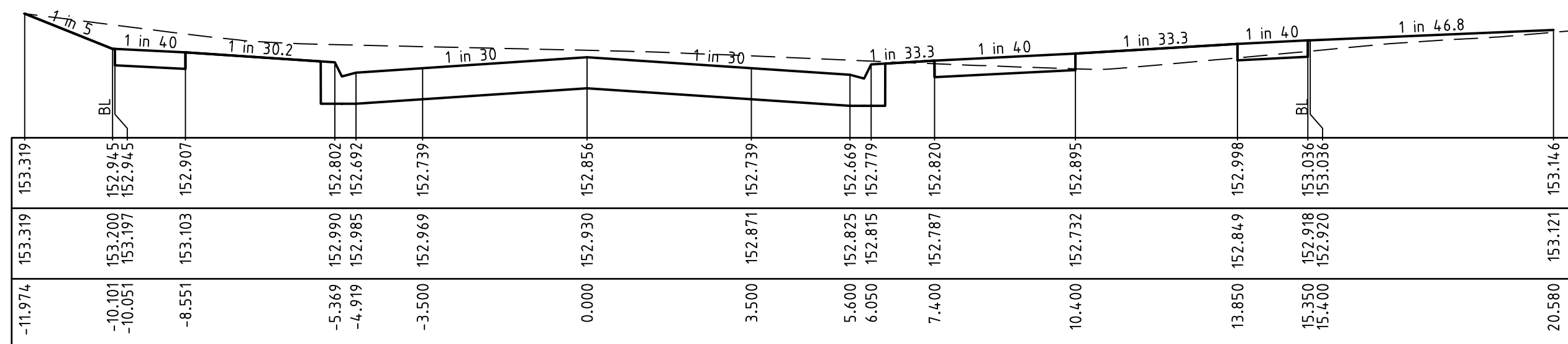
CH 292.994

DATUM152.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET



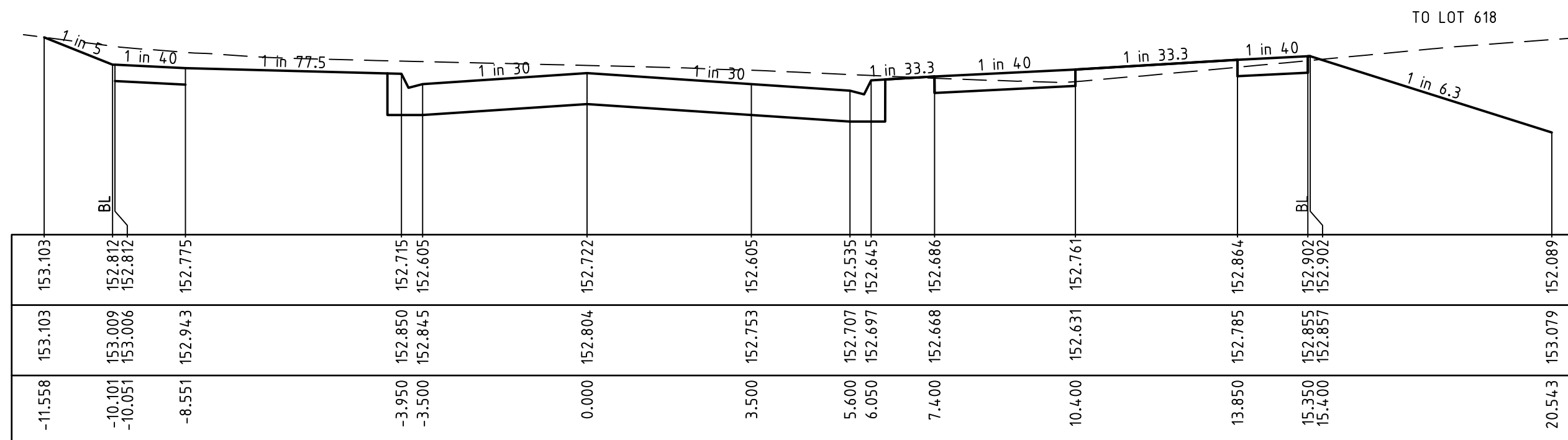
CH 347.750

DATUM151.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET



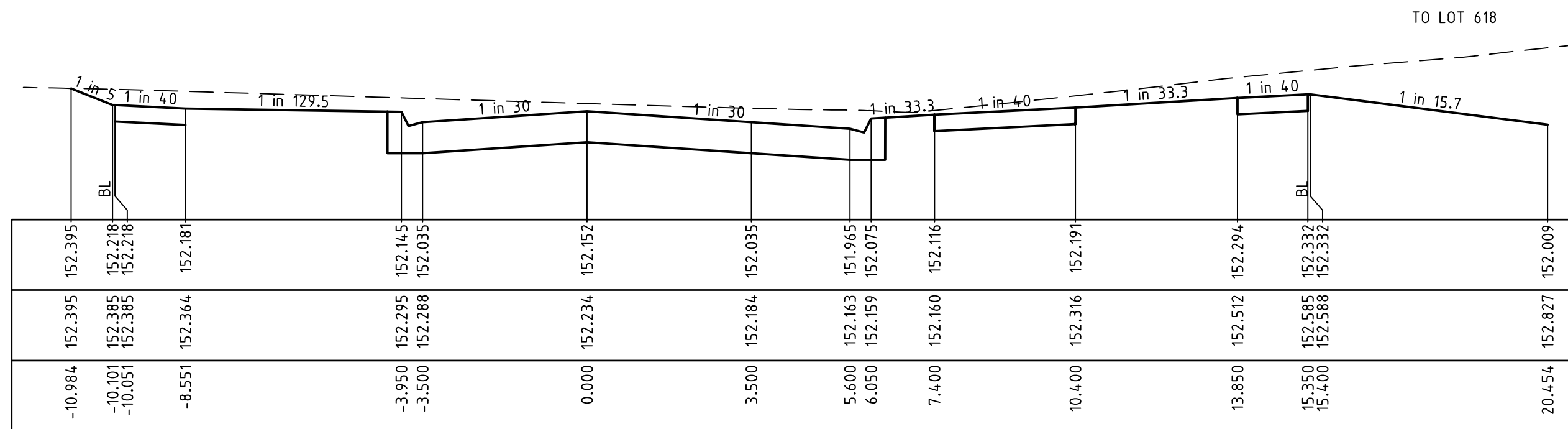
CH 346.004

DATUM151.0

DESIGN SURFACE

EXISTING SURFACE

OFFSET



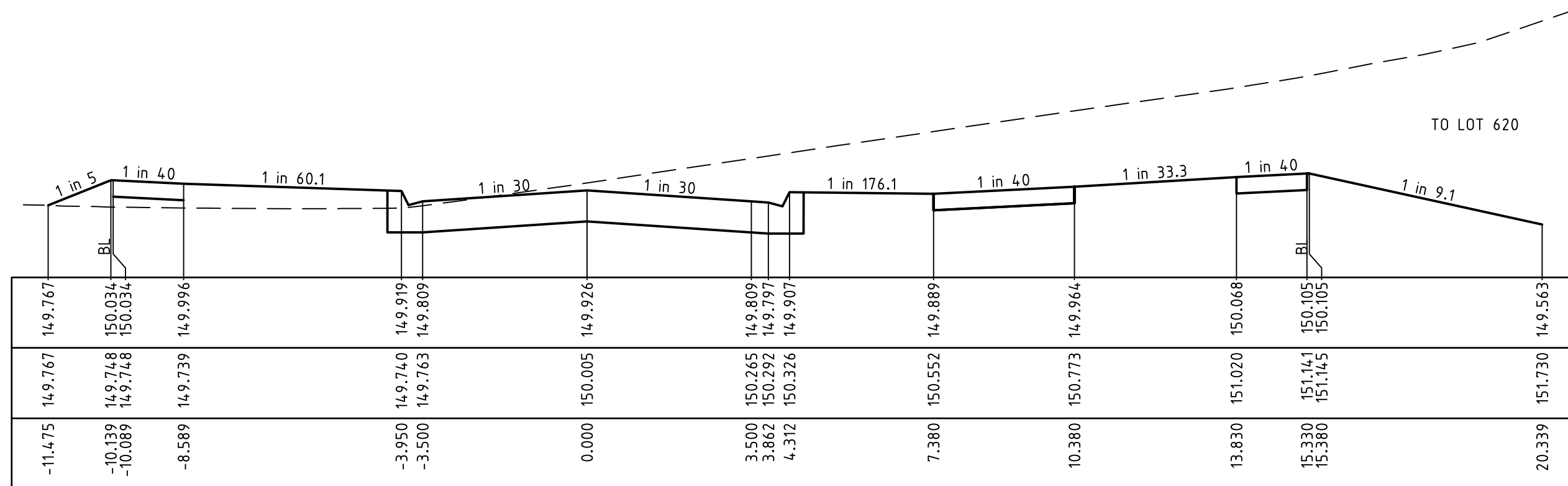
LTP CH 338.353

DATUM149.0

DESIGN SURFACE

EXISTING SURFACE

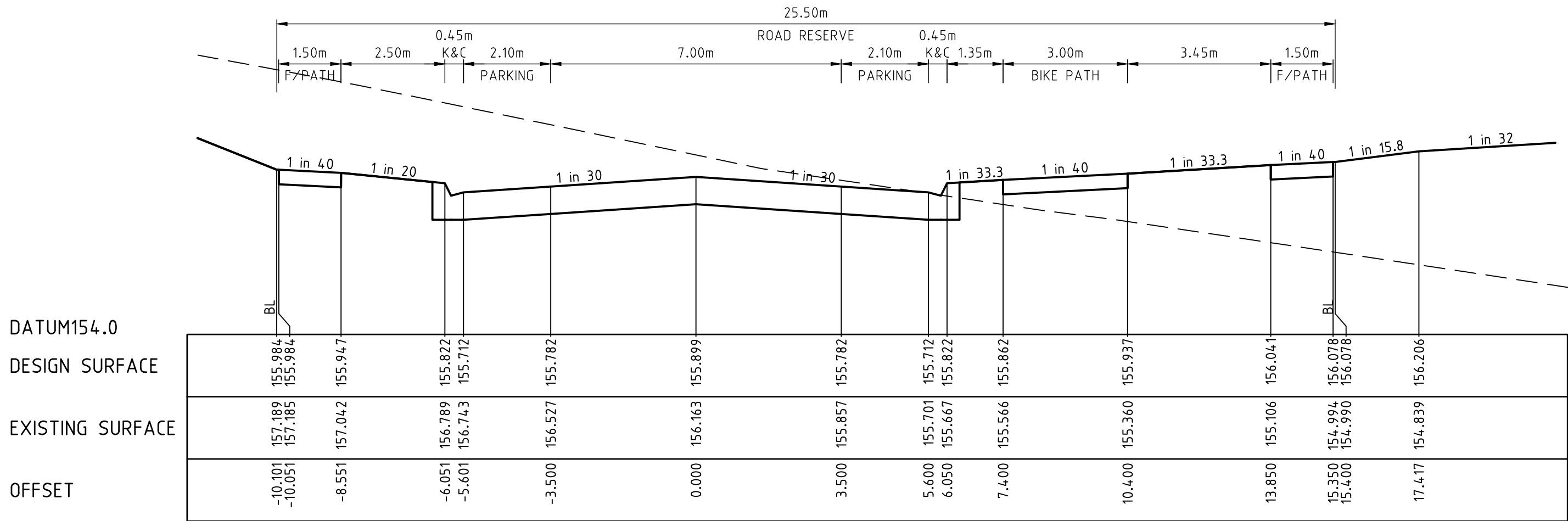
OFFSET



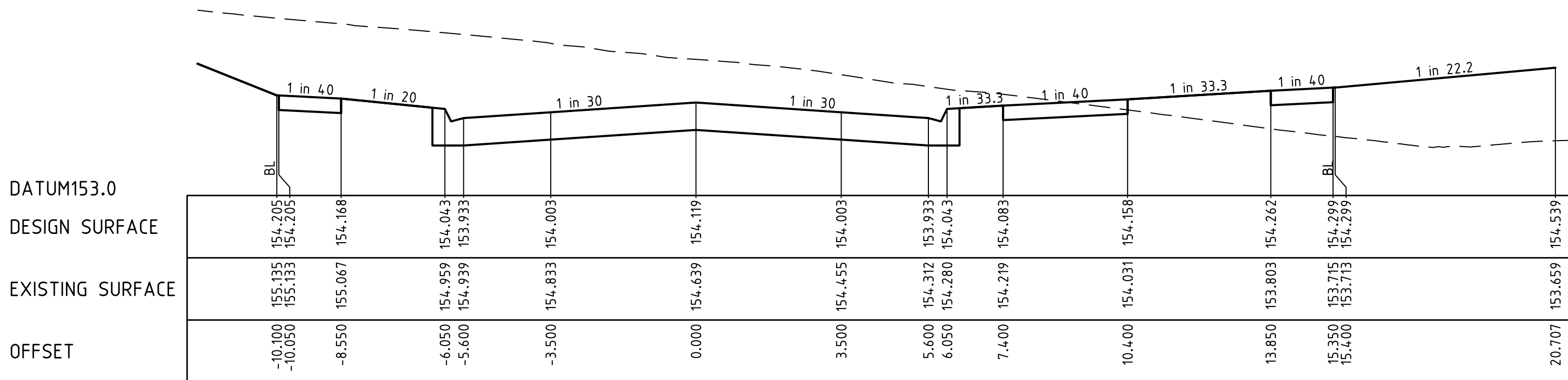
LTP CH 305.389

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

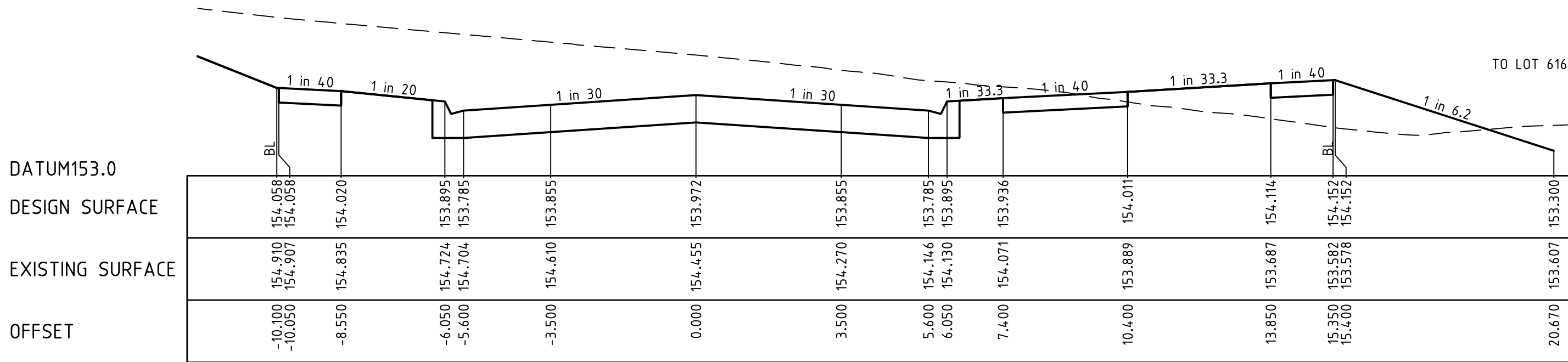
LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE



CH 383.539



CH 364.228



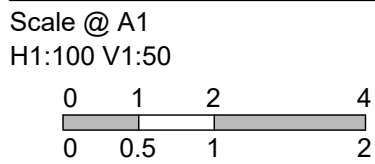
CH 362.507

L:\work\1518 - 270 brandy creek road warragul\1518-06\cad\1518-06-14

REVISION	DATE	DES/DT	APPD
2	16.10.19	LB	MW
1	06.05.19	LB	KT
0	02.05.19	NG	KT
C	14.04.19	LB	MW
B	11.04.19	LB	MW
A	21.03.19	LB	MW

Principal  
Brandy Creek Developments Pty Ltd  
PO Box 342  
Berwick VIC 3806

Designed  
L.Bates  
Drawn  
L.Bates  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
Nov.2018



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**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Cross Sections - Hart Drive  
CH 362.507 - CH 383.539  
**Drawing No. 1518-06-14**  
Sheet No. 14 of 23

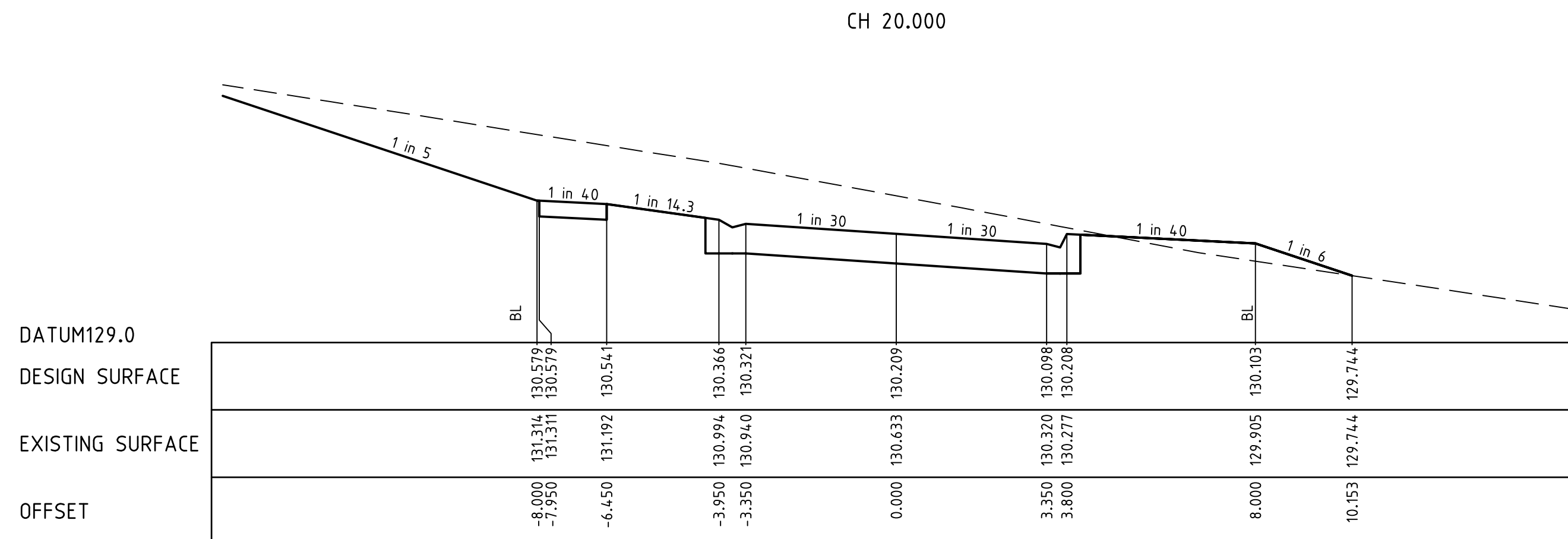
Rev 2

ISSUED FOR CONSTRUCTION



**LEGEND**

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



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PO Box 342  
Berwick VIC 3806

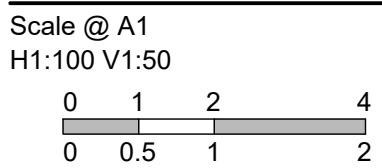
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w: [www.taylormiller.com.au](http://www.taylormiller.com.au)  
A.B.N. 96 153 508 199

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L:\wca\1518 - 270 brandy creek road warragul\1518-06\cad\1518-06-16

•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
2	UPDATED DESIGN FOR HART DRIVE	16.10.19	LB MW
1	UPDATED ROAD NAMES & GAS & WATER CONDUIT LOCATIONS	06.05.19	LB KT
0	ISSUED FOR CONSTRUCTION	02.05.19	NG KT
C	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 12.04.19	14.04.19	LB MW
B	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 04.04.19	11.04.19	LB MW
A	INITIAL ISSUE	21.03.19	LB MW
REVISION	DATE	DES/DT	APPD

Principal  
Brandy Creek Developments Pty Ltd  
PO Box 342  
Berwick VIC 3806

Designed  
L.Bates  
Drawn  
L.Bates  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
Nov.2018

Scale @ A1  
H1:100 V1:50  
0 1 2 4  
0 0.5 1 2

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ABN 96 153 508 199

**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Cross Sections - Loxton Street

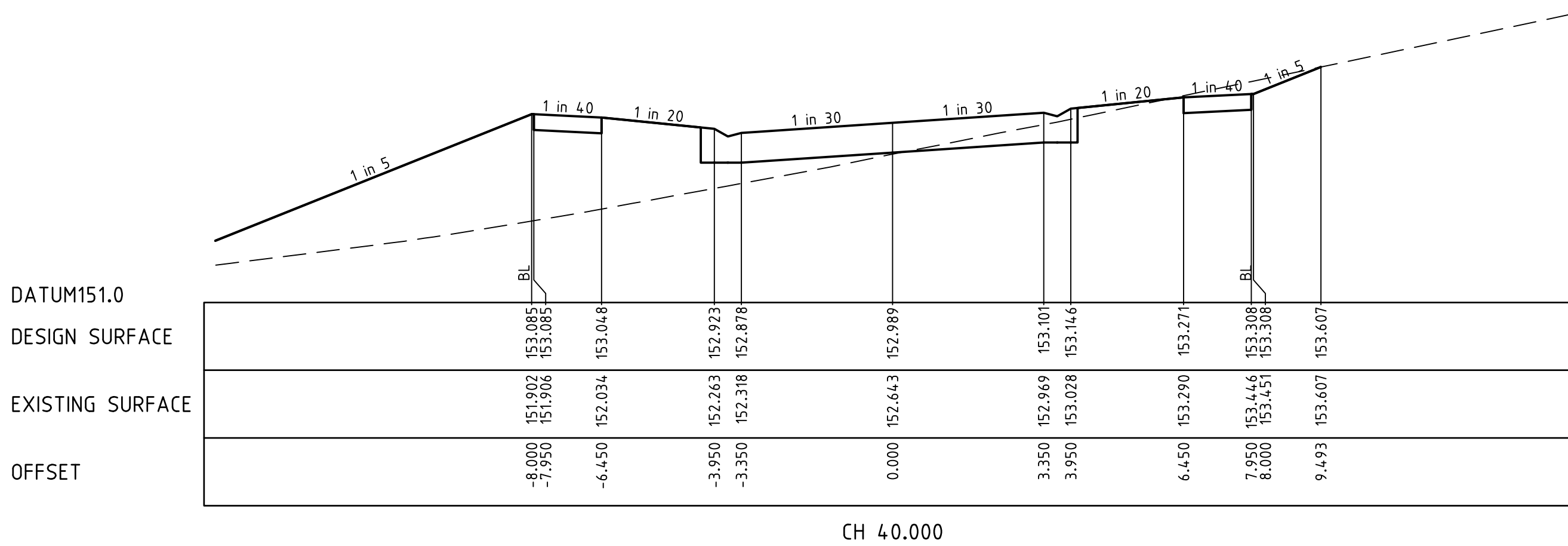
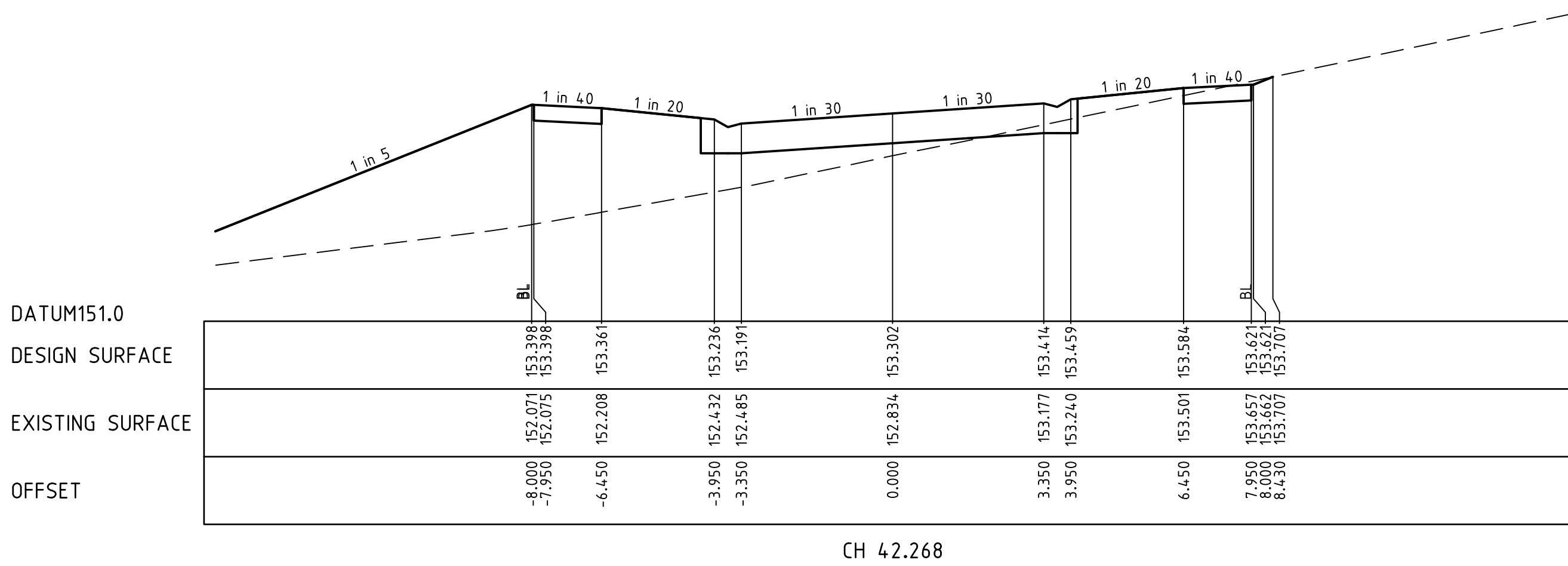
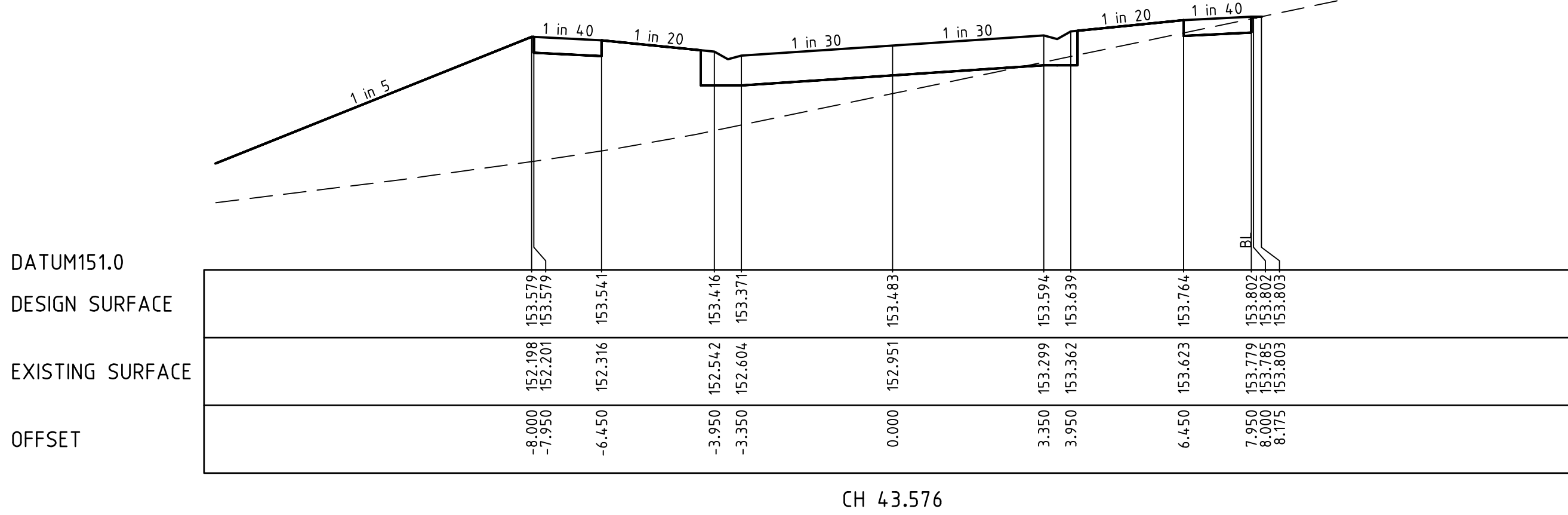
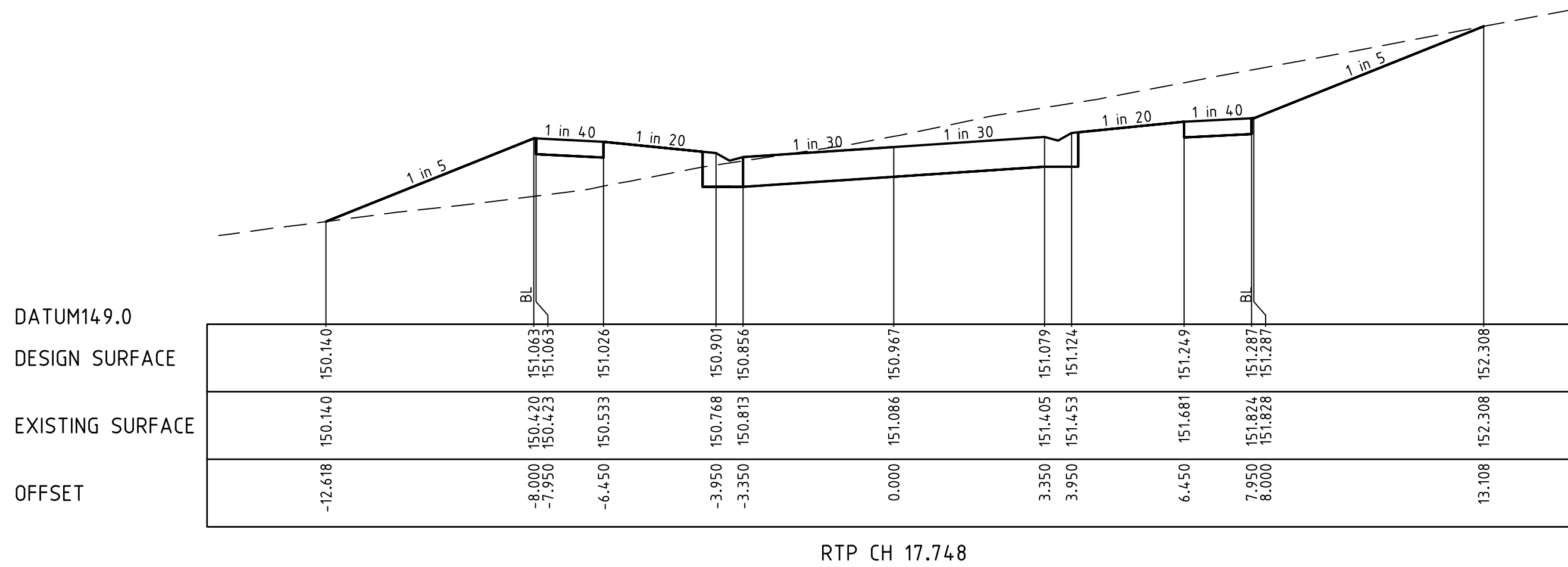
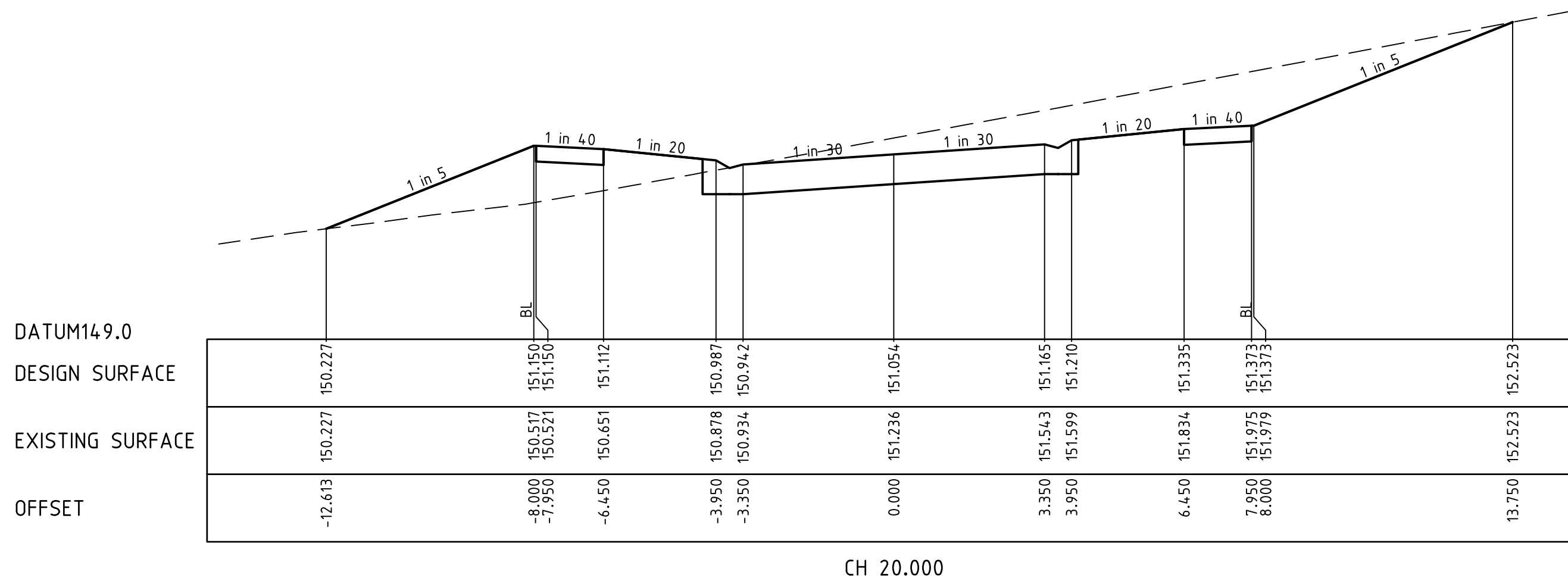
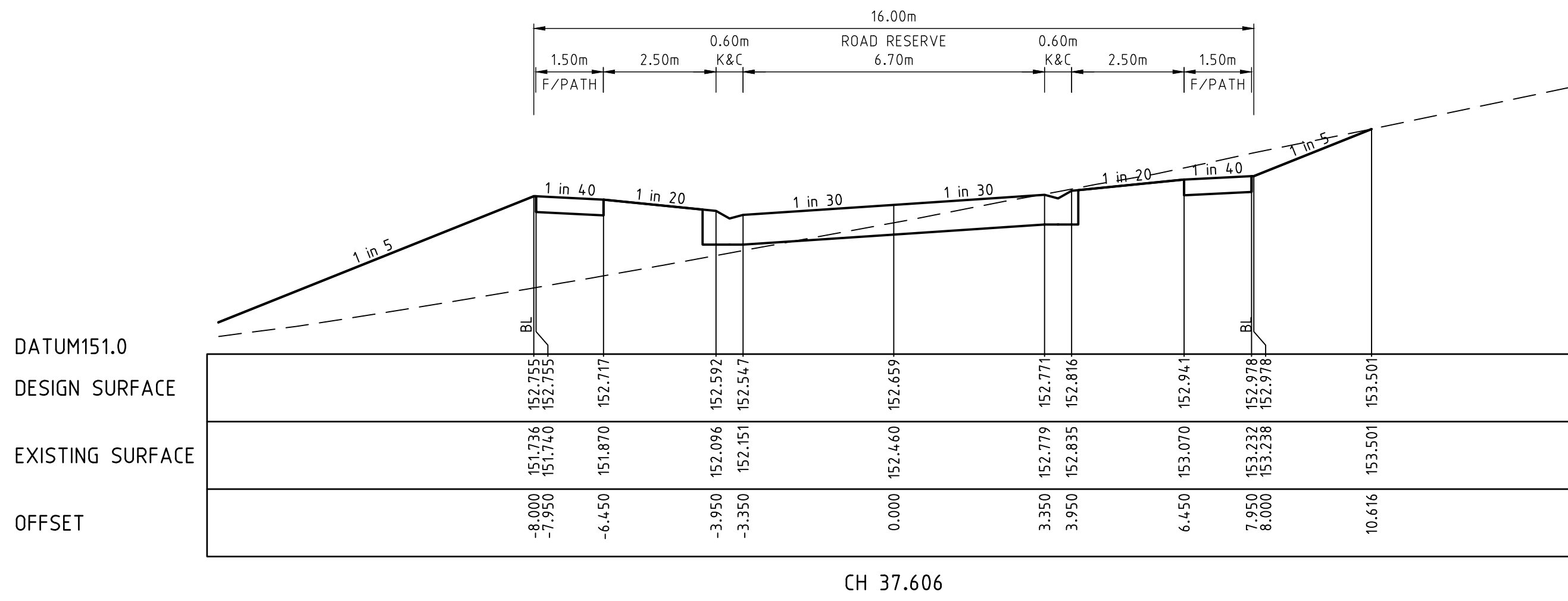
Drawing No. 1518-06-16  
Sheet No. 16 of 23

Rev 2

ISSUED FOR CONSTRUCTION

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

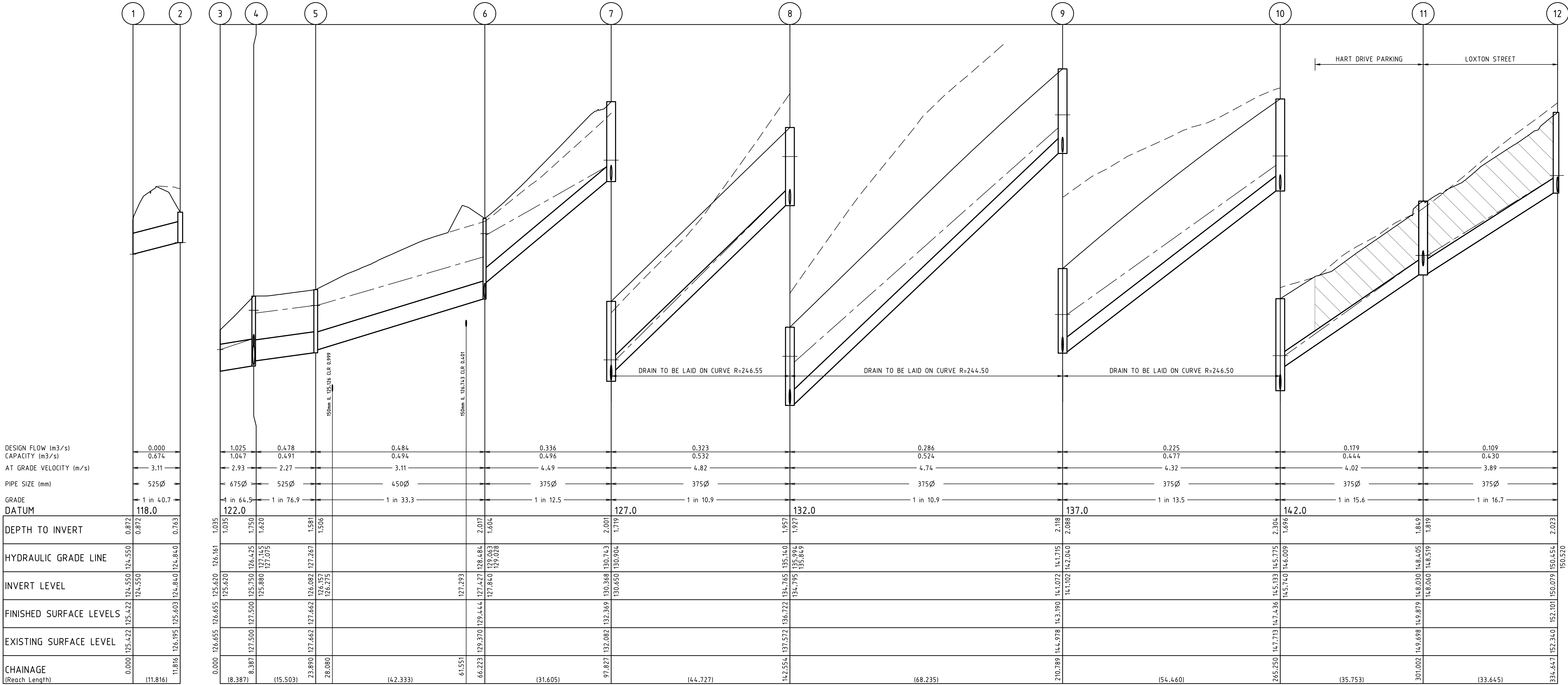
LEGEND  
— EXISTING SURFACE  
— DESIGN LINE  
- - - FUTURE DESIGN LINE





NOTES  
1. REFER TO PIPE MANUFACTURERS  
TECHNICAL SPECIFICATIONS WHERE  
DRAIN PIPE LAID ON A CURVE.

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



REVISION	DATE	DES/DFE	APPRO
A	21.03.19	LB	MW
B	11.04.19	LB	MW
C	14.04.19	LB	MW
0	02.05.19	NG	KT
1	06.05.19	LB	KT
2	16.10.19	LB	MW

Principal  
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PO Box 342  
Berwick VIC 3806

Designed  
L.Bates  
Drawn  
L.Bates  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
Nov.2018

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

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ABN 96 153 508 199

**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Drainage Longitudinal - 1

Drawing No. 1518-06-17  
Sheet No. 17 of 23

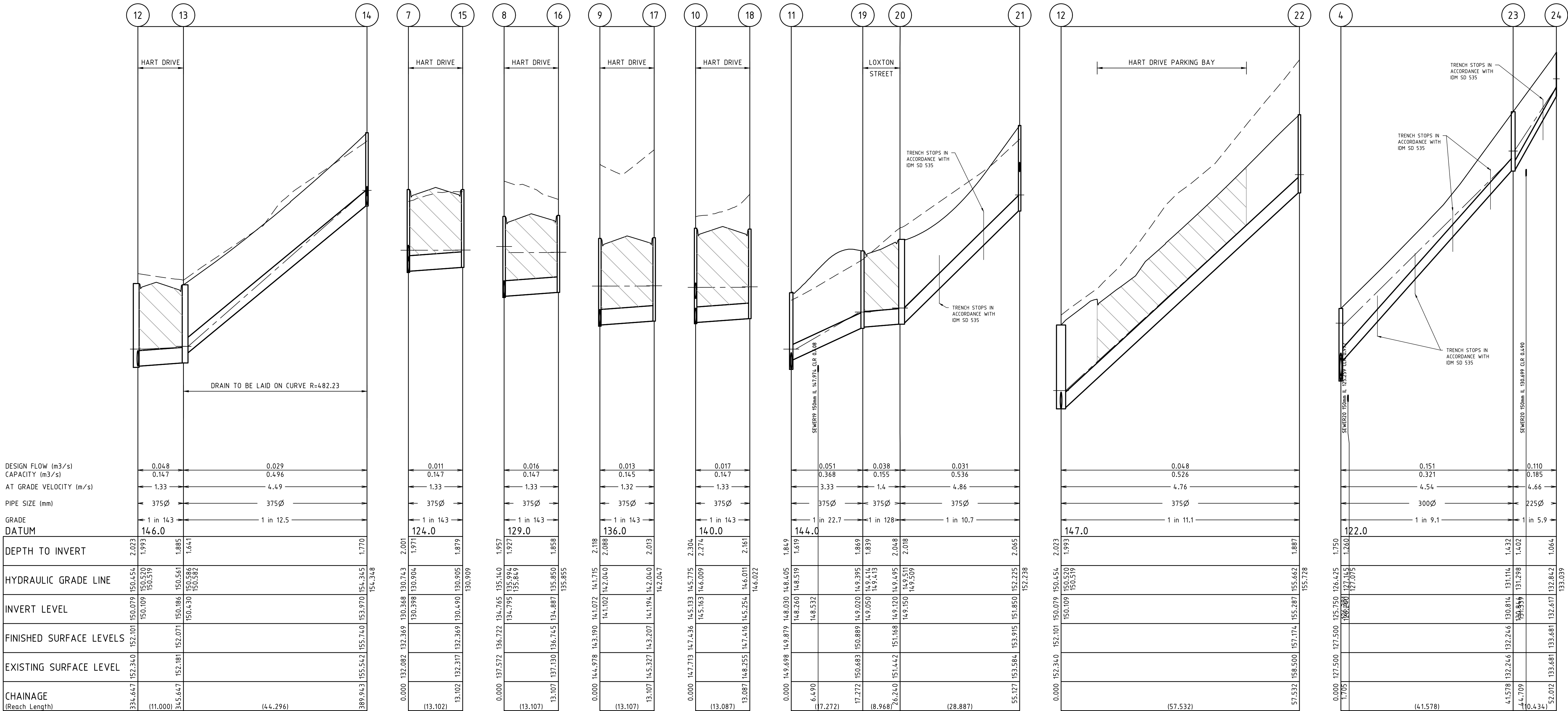
Rev 2

ISSUED FOR CONSTRUCTION

L:\warragul\1518 - 270 brandy creek road warragul\1518-06\cad\1518-06-17

NOTES  
1. REFER TO PIPE MANUFACTURERS  
TECHNICAL SPECIFICATIONS WHERE  
DRAIN PIPE LAID ON A CURVE.

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



L:\work\1518 - 270 brandy creek road warragul\1518-06\cad\1518-06-18

REVISION	DATE	DES/DF	APPD
A	21.03.19	LB	MW
B	11.04.19	LB	MW
C	14.04.19	LB	MW
0	02.05.19	NG	KT
1	06.05.19	LB	KT
2	16.10.19	LB	MW

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Nov.2018

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

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ABN 96 153 508 199

**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Drainage Longitudinal - 2

Drawing No. 1518-06-18  
Sheet No. 18 of 23

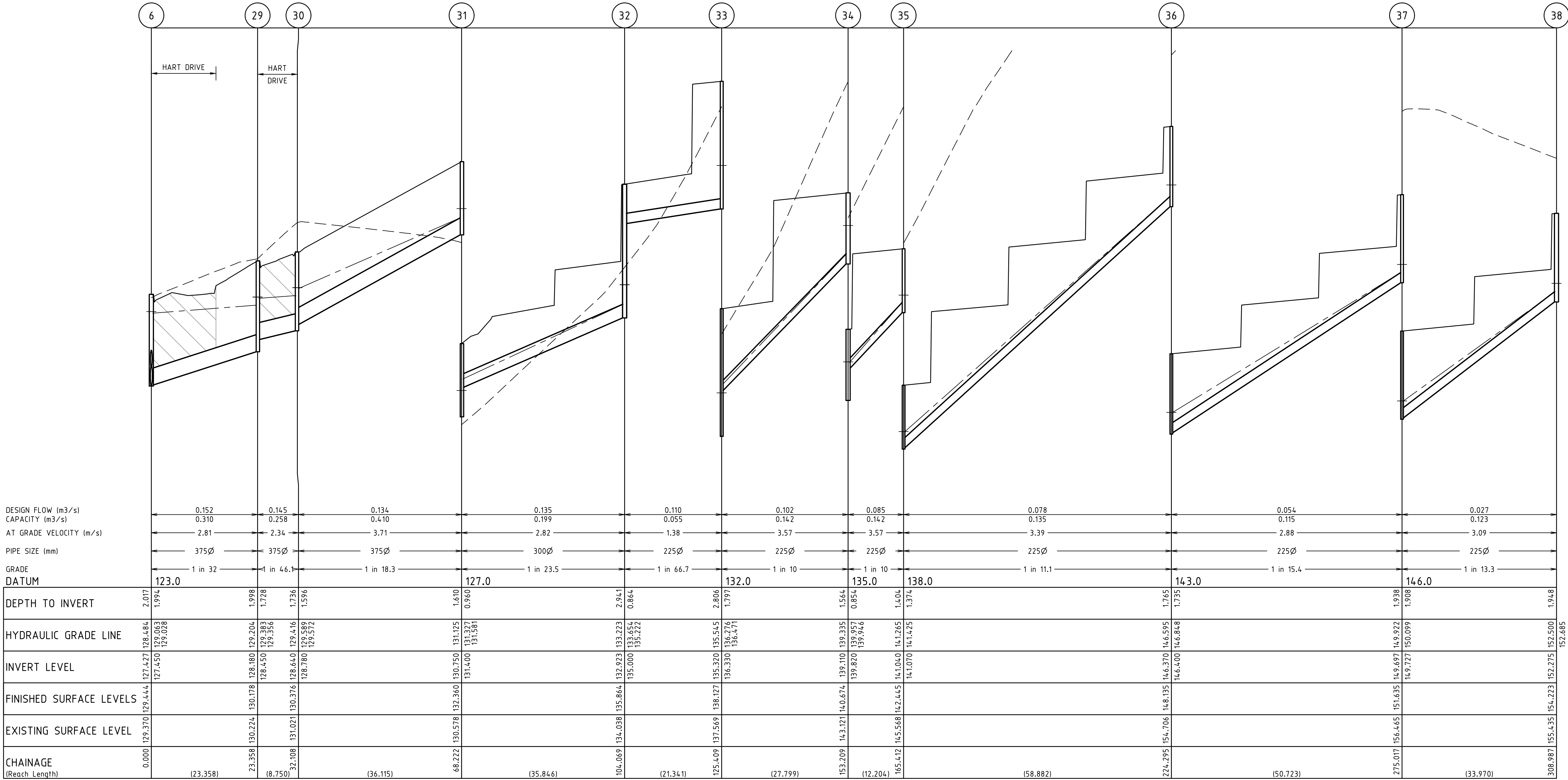
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NOTES  
1. REFER TO PIPE MANUFACTURERS  
TECHNICAL SPECIFICATIONS WHERE  
DRAIN PIPE LAID ON A CURVE.

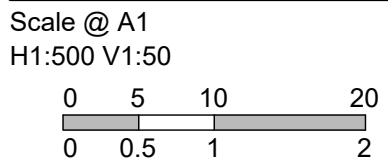
LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	CLASS 2 CRB
	CLASS 3 CRB



REVISION	DATE	DES/DF	APPD
A	21.03.19	LB	MW
B	11.04.19	LB	MW
C	14.04.19	LB	MW
0	02.05.19	NG	KT
1	06.05.19	LB	KT
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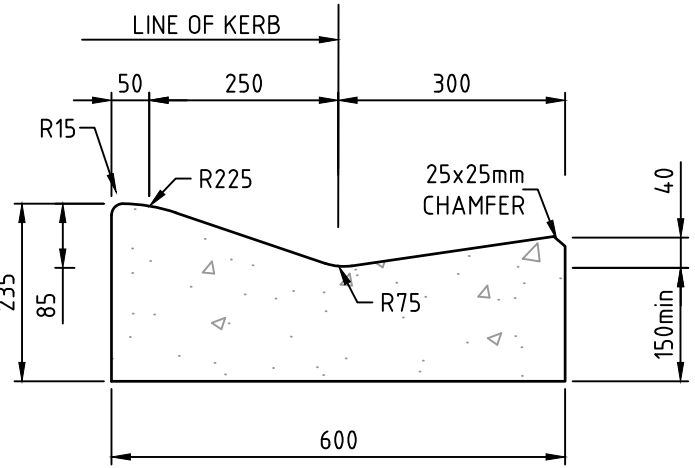
**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Drainage Longitudinal - 3

Drawing No. 1518-06-19  
Sheet No. 19 of 23

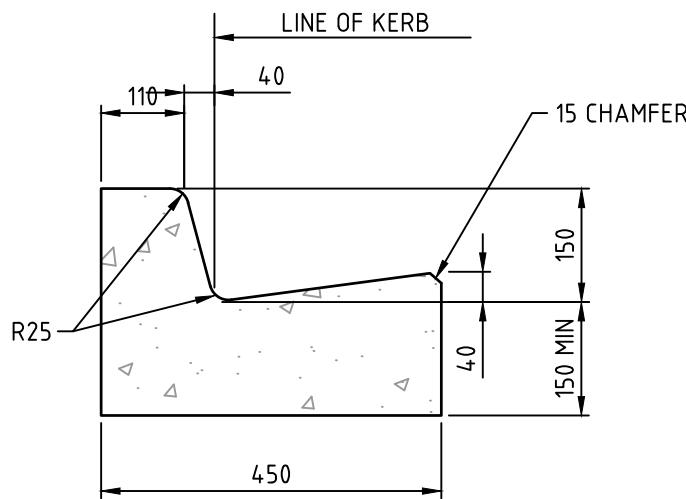
Rev 2

ISSUED FOR CONSTRUCTION

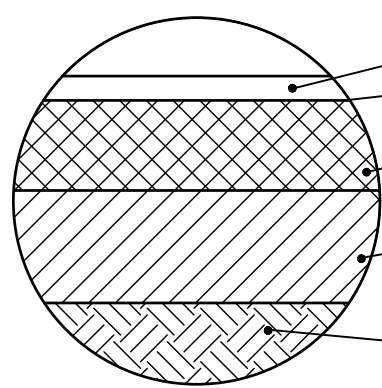
L:\warragul\1518 - 270 brandy creek road warragul\1518-06\cad\1518-06-19



SM2-M KERB DETAIL  
SCALE 1:10



B2 KERB DETAIL  
SCALE 1:10

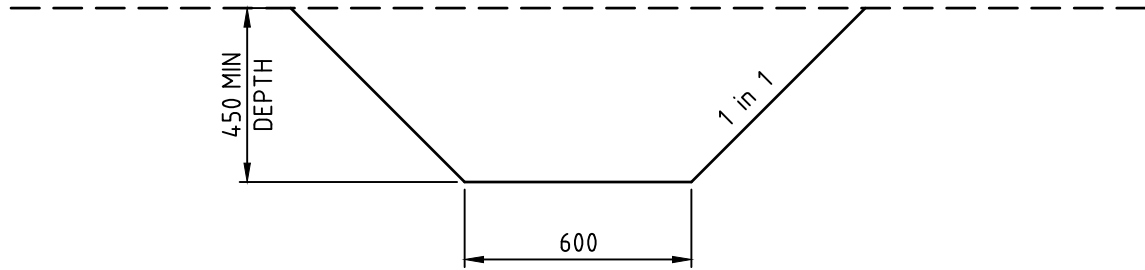


PAVEMENT DETAIL

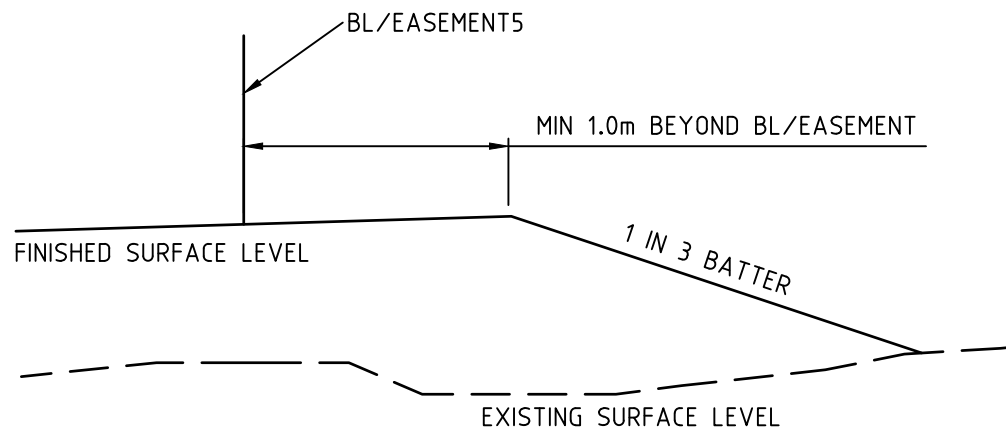
30mm DEPTH COMPACTED 10mm NOM.  
ASPHALT TYPE H  
7mm EMULSION PRIMER SEAL  
100mm DEPTH COMPACTED 20mm CLASS 2 CRUSHED ROCK.  
COMPACT TO 98% MODIFIED COMPACTION IN 1 LAYER.  
200mm DEPTH COMPACTED 40mm CLASS 3 CRUSHED ROCK.  
COMPACT TO 98% MODIFIED COMPACTION IN 2 LAYERS.

SUBGRADE TREATMENT (ONLY WHERE C.B.R. <5%)  
SUBGRADE IMPROVEMENT (TYPICALLY 200mm 3% LIME 3%  
CEMENT) AS DIRECTED BY SUPERINTENDENT

NOTE: A GEOTECHNICAL REPORT IS TO BE SUBMITTED TO  
COUNCIL IF REQUIRED BY THE SUPERVISING OFFICER.

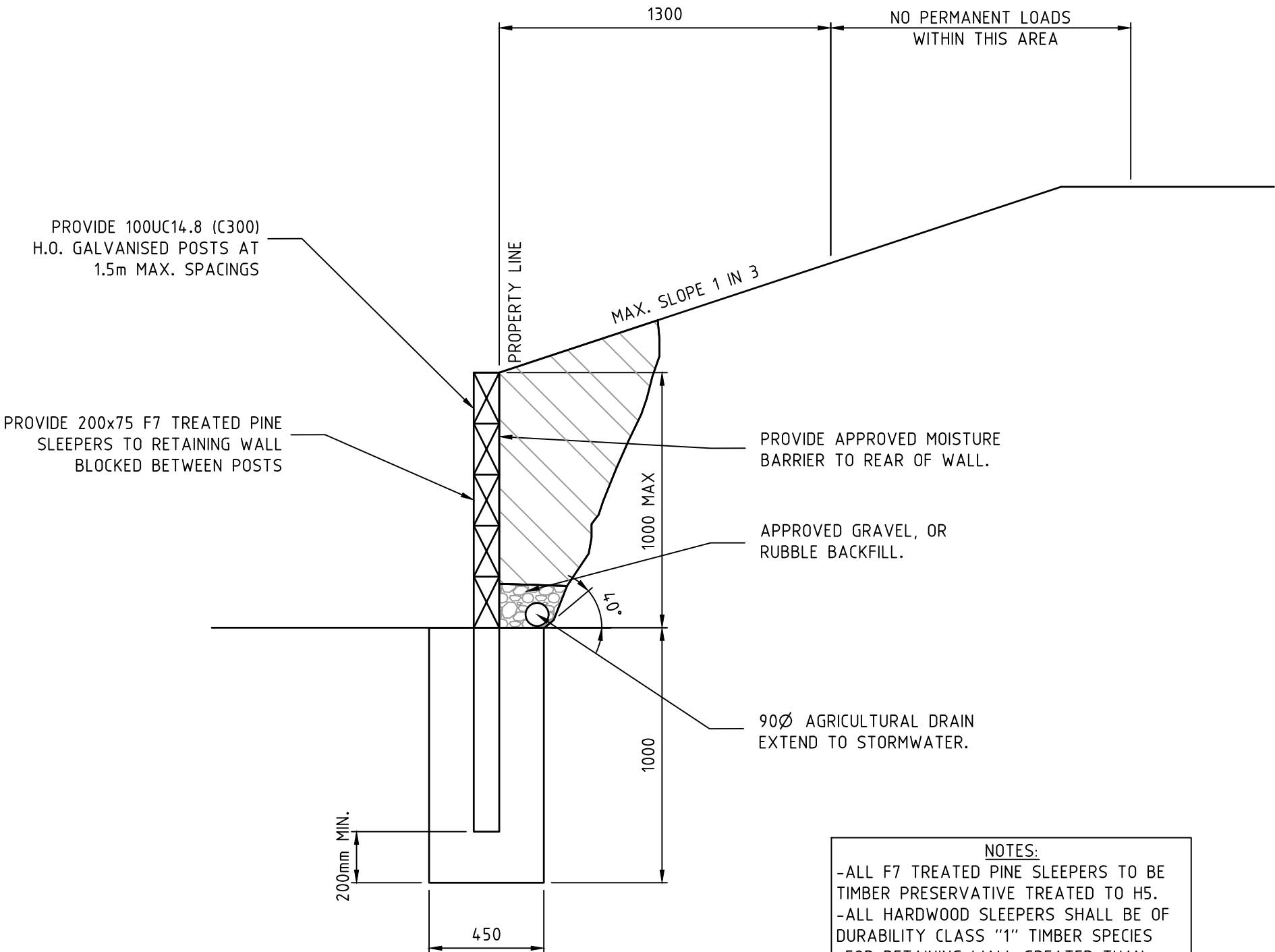


CUT OFF DRAIN TYPICAL SECTION  
NOT TO SCALE



TYPICAL FILL BATTER DETAIL  
NOT TO SCALE

PIT		INTERNAL		INLET		OUTLET		PIT		STD DWG	REMARKS
NAME	TYPE	WD.	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH		
1	ENDWALL			525	124.550			125.422	0.872		
2	SEDIMENT POND TRANSFER PIT	1200	1200			525	124.840	125.603	0.763	MWSD 7251/12/002	REFER TO MWSD 7251/12/001 FOR TYPICAL ARRANGEMENT
3	ENDWALL			675	125.620			126.655	1.035		
4	JUNCTION PIT	900	900	525	125.880	675	125.750	127.500	1.750	IDM SD 425	PROVIDE BLOCKOUT FOR FUTURE CONNECTION
5	JUNCTION PIT	900	600	300	126.240						
6	SIDE ENTRY PIT	600	900	525	125.780					IDM SD 425	
7	DOUBLE SIDE ENTRY PIT	600	2200	450	126.157	525	126.082	127.662	1.581	IDM SD 425	
8	DOUBLE SIDE ENTRY PIT	600	2200	375	127.840	450	127.427	129.444	2.017	IDM SD 430	
9	DOUBLE SIDE ENTRY PIT	600	2200	375	127.450					IDM SD 445	
10	DOUBLE SIDE ENTRY PIT	600	2200	375	130.650	375	130.368	132.369	2.001	IDM SD 445	
11	DOUBLE SIDE ENTRY PIT	600	2200	375	130.398					IDM SD 445	
12	DOUBLE SIDE ENTRY PIT	600	2200	375	134.795	375	134.765	136.722	1.957	IDM SD 445	
13	DOUBLE SIDE ENTRY PIT	600	2200	375	134.795					IDM SD 445	
14	DOUBLE SIDE ENTRY PIT	600	2200	375	141.102	375	141.072	143.190	2.118	IDM SD 445	
15	DOUBLE SIDE ENTRY PIT	600	2200	375	141.102					IDM SD 445	
16	DOUBLE SIDE ENTRY PIT	600	2200	375	145.740	375	145.133	147.436	2.304	IDM SD 445	
17	DOUBLE SIDE ENTRY PIT	600	2200	375	145.163					IDM SD 445	
18	DOUBLE SIDE ENTRY PIT	600	2200	375	148.060	375	148.030	149.879	1.849	IDM SD 445	
19	DOUBLE SIDE ENTRY PIT	600	2200	375	148.260					IDM SD 445	
20	DOUBLE SIDE ENTRY PIT	600	2200	375	150.109	375	150.079	152.101	2.023	IDM SD 445	
21	DOUBLE SIDE ENTRY PIT	600	2200	375	150.109					IDM SD 445	
22	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430	375	150.186	152.071	1.885	IDM SD 445	
23	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430					IDM SD 445	
24	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430	375	150.186	152.071	1.885	IDM SD 445	
25	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430					IDM SD 445	
26	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430	375	150.186	152.071	1.885	IDM SD 445	
27	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430					IDM SD 445	
28	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430	375	150.186	152.071	1.885	IDM SD 445	
29	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430					IDM SD 445	
30	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430	375	150.186	152.071	1.885	IDM SD 445	
31	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430					IDM SD 445	
32	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430	375	150.186	152.071	1.885	IDM SD 445	
33	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430					IDM SD 445	
34	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430	375	150.186	152.071	1.885	IDM SD 445	
35	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430					IDM SD 445	
36	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430	375	150.186	152.071	1.885	IDM SD 445	
37	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430					IDM SD 445	
38	DOUBLE SIDE ENTRY PIT	600	2200	375	150.430	375	150.186	152.071	1.885	IDM SD 445	



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

## 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 COURTHOUSES, 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 (Sn10), 225Ø TO 900Ø INCLUSIVE TO BE RRI R.C. ALL R.C. PIPES TO BE CLASS 2 UNLESS NOTED OTHERWISE.
- STORMWATER DRAINS UNDER PAVEMENTS ARE TO BE BACKFILLED WITH CLASS 3 CRUSHED ROCK.
- 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 TO BE CONSTRUCTED IN ACCORDANCE WITH THE INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWINGS SD 240 & SD 245. DRIVEWAYS TO BE LOCATED 0.60m FROM BOUNDARY 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.
- TO BE IN ACCORDANCE WITH THE 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 CONTRACTORS 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.

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1	UPDATED DESIGN FOR HART DRIVE	16.10.19	LB	MW	
1	UPDATED ROAD NAMES & GAS & WATER CONDUIT LOCATIONS	06.05.19	LB	KT	
0	ISSUED FOR CONSTRUCTION	02.05.19	NG	KT	
C	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 12.04.19	14.04.19	LB	MW	
B	MARKUPS AS PER COMMENTS RECEIVED FROM COUNCIL 04.04.19	11.04.19	LB	MW	
A	INITIAL ISSUE	21.03.19	LB	MW	
REVISION		DATE	DES/DT	APPD	

Principal  
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PO Box 342  
Berwick VIC 3806

Designed  
L.Bates  
Drawn  
L.Bates  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
Nov.2018

Scale @ A1



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**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Pit Schedule, General Notes & Details

Drawing No. 1518-06-20 Rev 2  
Sheet No. 20 of 23

ISSUED FOR CONSTRUCTION

LEGEND - LAYOUT PLAN

STORMWATER DRAIN, PIT & PROPERTY INLET

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 STREET LIGHT

SERVICES OFFSET SCHEDULE										
ROAD NAME	GAS		WATER		ELECTRICITY		TELSTRA		SEWER	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)
HART DRIVE (WEST OF HEYSON DRIVE)	NORTH	2.10	NORTH	2.60	SOUTH	2.30	SOUTH	1.80	SOUTH	1.00
HART DRIVE (EAST OF HEYSON DRIVE)	NORTH	2.10	NORTH	2.60	NORTH	2.30	NORTH	1.80	EAST	1.00
HEYSON DRIVE	WEST	2.10	WEST	2.60	EAST	2.30	EAST	1.80	-	-
LOXTON STREET	WEST	2.10	WEST	2.60	EAST	2.30	EAST	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
BLACKMAN DRIVE	CONNECTOR STREET	25.50	7.00	7.60	7.90	B2	B2	11.45	6.15
BLACKMAN DRIVE (PARKING BAYS)	CONNECTOR STREET	25.50	11.20	11.80	12.10	B2	B2	9.15	4.05
HEYSON DRIVE	LOCAL ACCESS LEVEL 1	16.00	6.70	7.30	7.75	SM2-M	B2	4.20	4.05
LOXTON STREET	LOCAL ACCESS LEVEL 1	16.00	6.70	7.30	7.75	SM2-M	B2	4.20	4.05

WARNING

BEWARE OF UNDERGROUND SERVICES

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No guarantee is given that all existing services are shown.  
Locate all underground services before commencement of works

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REVISION	DATE	DES/DT	APPD
2	16.10.19	LB	MW
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L.Bates  
Drawn  
L.Bates  
Checked  
M.Warry  
Authorised  
K.Taylor  
Date  
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270 BRANDY CREEK ROAD, WARRAGUL

Stage 6

Baw Baw Shire Council - PLA 0130/16

Roadworks and Drainage

Master Service Plan

Drawing No. 1518-06-21

Rev 2

Sheet No. 21 of 23

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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)

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TOP OF RETAINING WALL

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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

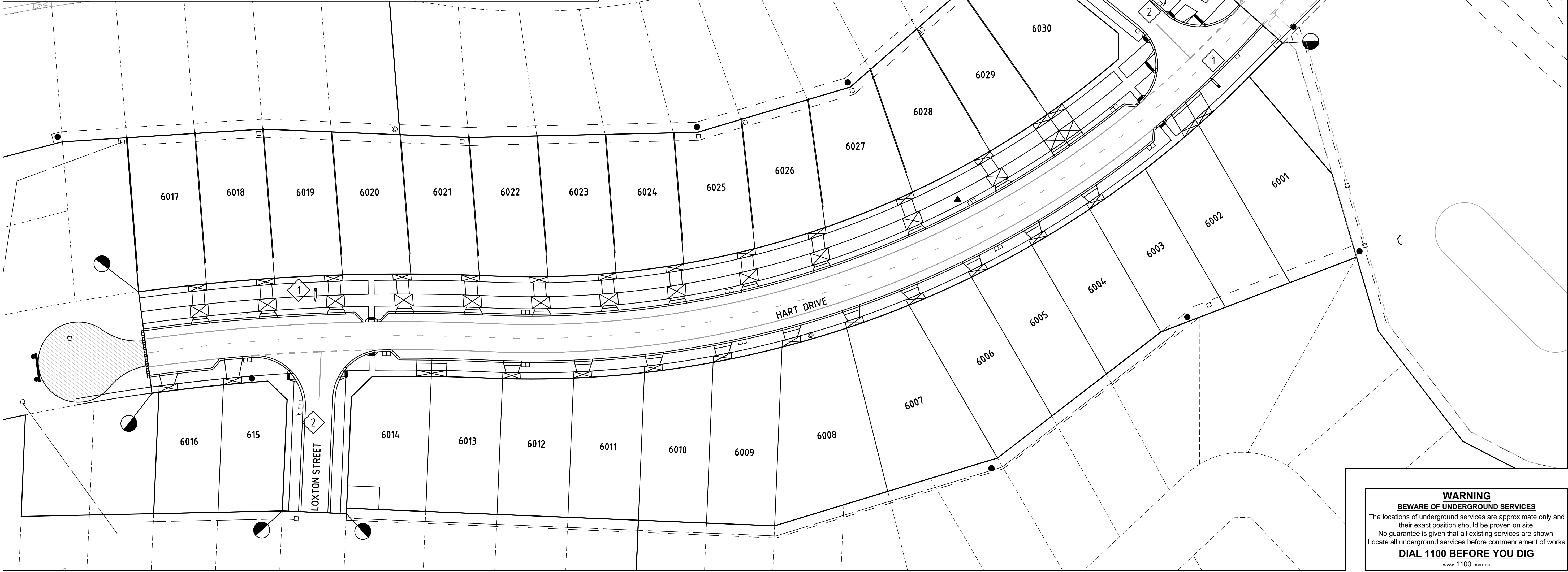
SIGN SCHEDULE

SIGN	REF
	1
	2

R1-2

SERVICES OFFSET SCHEDULE										
ROAD NAME	GAS		WATER		ELECTRICITY		TELSTRA		SEWER	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)
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LEXTON STREET	WEST	2.10	WEST	2.60	EAST	2.30	EAST	1.80	-	-

ROAD LAYOUT TABLE									
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WARNING

BEWARE OF UNDERGROUND SERVICES

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Locate all underground services before commencement of works

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270 BRANDY CREEK ROAD, WARRAGUL

Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Signage & Linemarking Plan

Drawing No. 1518-06-23

Rev 2

Sheet No. 22 of 23

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**WARNING**  
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**270 BRANDY CREEK ROAD, WARRAGUL**  
Stage 6  
Baw Baw Shire Council - PLA 0130/16  
Roadworks and Drainage  
Earthworks & Retaining Wall Layout

**Drawing No. 1518-06-23**  
Sheet No. 23 of 23

Rev 2

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