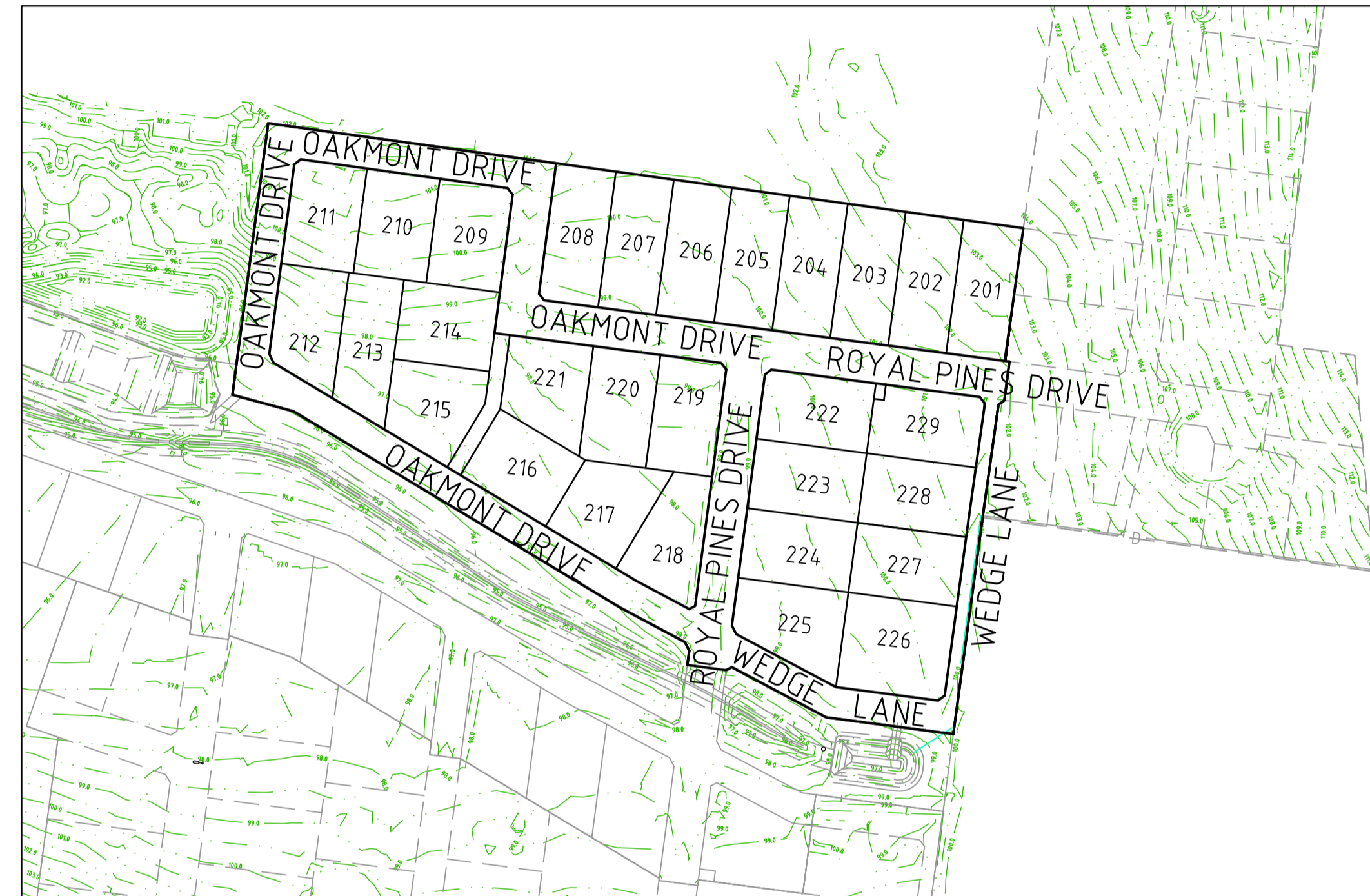
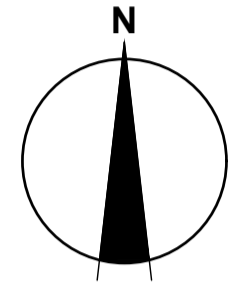


DROUIN GOLF CLUB

STAGE 2

Baw Baw Shire Council - PLA0133/18



LOCALITY PLAN
VIC ROADS REF: 96 F3



Principal

Sowsee Pty Ltd
9 Burke Street
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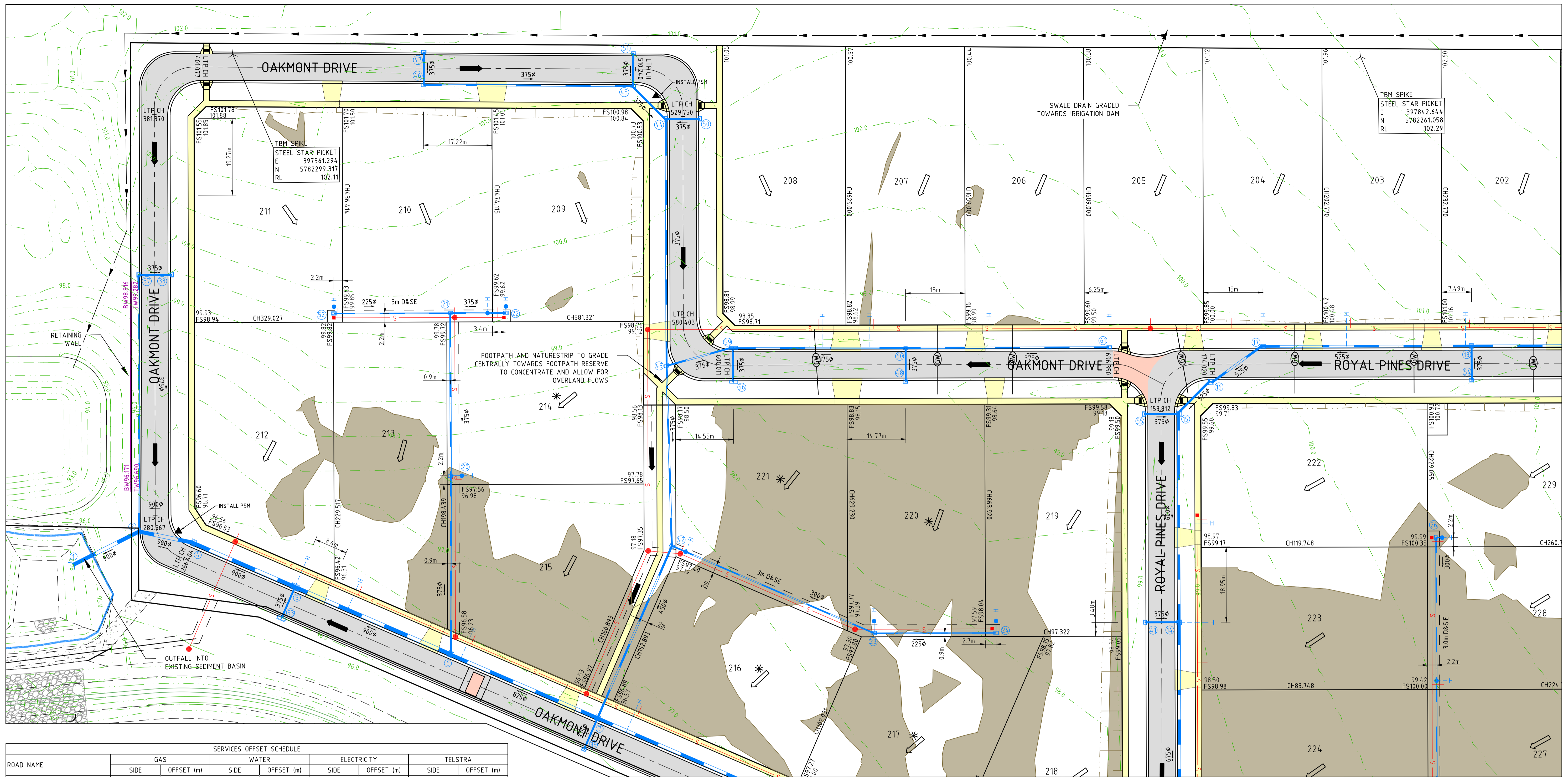


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ROAD NAME	SERVICES OFFSET SCHEDULE							
	GAS		WATER		ELECTRICITY		TELSTRA	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)
ROYAL PINES DRIVE	STH/WST	2.10	STH/WST	2.60	NTH/EST	3.50	NTH/EST	1.80
OAKMONT DRIVE (LOT 206-208)	STH/WST	2.10	STH/WST	2.60	NTH/EST	2.60	NTH/EST	1.80
OAKMONT DRIVE (LOT 209-212)	STH/EST	2.10	STH/EST	2.60	STH/EST	4.00	STH/EST	3.20
OAKMONT DRIVE (LOT 212-218)	NTH	2.10	NTH	2.60	NTH	3.70	NTH	3.20
WEDGE LANE (LOT 225-226)	NTH	9.40	NTH	9.90	NTH	7.50	NTH	8.50
WEDGE LANE (LOT 226-229)	WST	2.10	WST	2.60	WST	1.00	WST	1.20

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	
ROYAL PINES DRIVE	LOCAL ACCESS	20.00	6.70	7.30	7.90	SM2-M	SM2-M	6.05	6.05	
OAKMONT DRIVE (LOT 206-208)	ACCESS PLACE	20.00	6.70	7.30	7.90	SM2-M	SM2-M	6.05	6.05	
OAKMONT DRIVE (LOT 209-212)	ACCESS PLACE	16.00	6.70	7.30	7.75	B2	SM2-M	2.20	6.05	
OAKMONT DRIVE (LOT 212-218)	ACCESS PLACE	16.00	6.70	7.30	7.75	SM2-M	B2	6.05	2.20	
WEDGE LANE (LOT 225-226)	ACCESS LANE	16.00	3.50	-	-	-	-	1.50	2.00	
WEDGE LANE (LOT 226-229)	ACCESS LANE	7.00	3.50	-	-	-	-	10.50	2.00	

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 RISING MAIN
- EXISTING STORMWATER DRAIN
- EXISTING RECYCLED WATER
- 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 RETAINED/REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY
- PROPOSED STREET LIGHT
- BUILDING PAD

SEE DWG 1520-02-03 FOR CONTINUATION

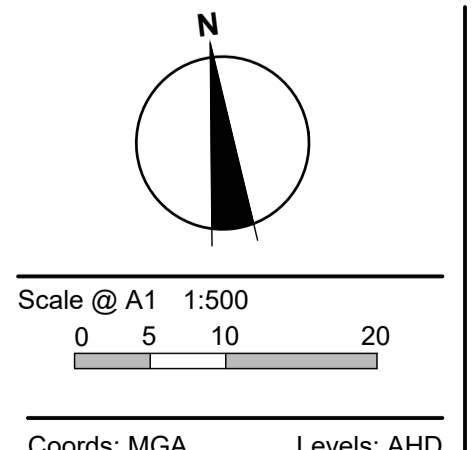
WARNING
BEWARE OF UNDERGROUND SERVICES
 The locations of underground services are approximate only and their exact position should be proven on site.
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 Locate all underground services before commencement of works
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REVISION	DATE	DES/DT	APPD
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B	08/02/21	NG/AC	KT
A	09/12/20	NG/AC	KT



Principal
 Sowsee Pty Ltd
 9 Burke Street
 Warragul, VIC, 3820

Designed
 N.Green
 Drawn
 A.Cantwell
 Checked
 M.Warry
 Authorised
 K.Taylor
 Date
 May 2020



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DROUIN GOLF CLUB
 STAGE 2
 BAW BAW SHIRE COUNCIL - PLA0133/18
 ROADWORKS AND DRAINAGE
 LAYOUT PLAN - 1

Drawing No. 1520-02-02
 Sheet No. 02 of 35

Rev 2

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SEE DWG 1520-02-02 FOR CONTINUATION



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 RISING MAIN
- EXISTING STORMWATER DRAIN
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- EXISTING HOUSE DRAIN
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- PROPOSED DRIVEWAY
- PROPOSED STREET LIGHT
- BUILDING PAD

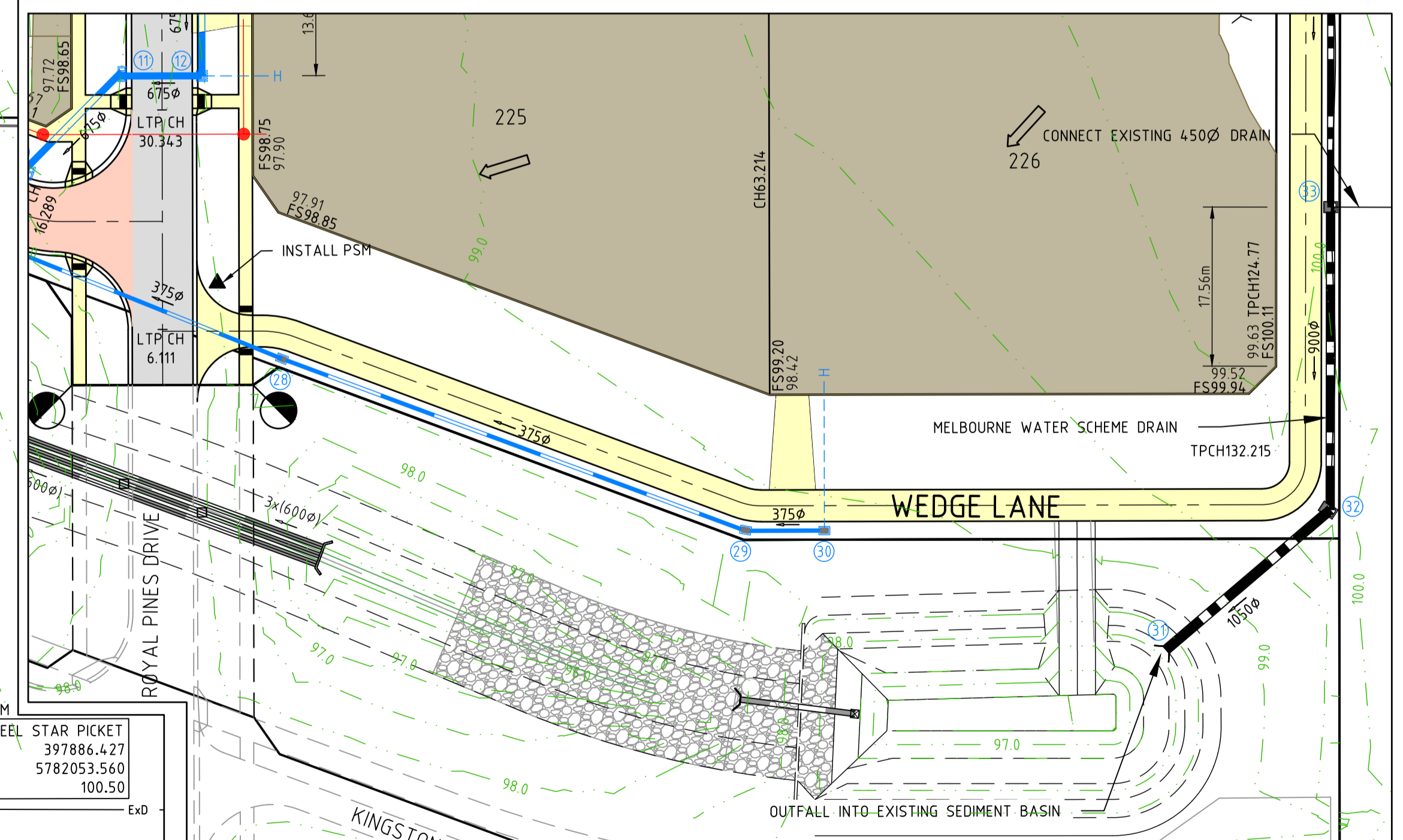
ROAD LAYOUT TABLE

ROAD NAME	ROAD CLASSIFICATION	RESERVE WIDTH (m)	ROAD WIDTH (m)			KERB TYPE		VERGE WIDTH (m)	
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WEDGE LANE (LOT 225-226)	ACCESS LANE	16.00	3.50	-	-	-	-	1.50	2.00
WEDGE LANE (LOT 226-229)	ACCESS LANE	7.00	3.50	-	-	-	-	10.50	2.00

SERVICES OFFSET SCHEDULE

ROAD NAME	GAS		WATER		ELECTRICITY		TELSTRA	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)
ROYAL PINES DRIVE	STH/WST	2.10	STH/WST	2.60	NTH/EST	3.50	NTH/EST	1.80
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OAKMONT DRIVE (LOT 209-212)	STH/EST	2.10	STH/EST	2.60	STH/EST	4.00	STH/EST	3.20
OAKMONT DRIVE (LOT 212-218)	NTH	2.10	NTH	2.60	NTH	3.70	NTH	3.20
WEDGE LANE (LOT 225-226)	NTH	9.40	NTH	9.90	NTH	7.50	NTH	8.50
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SEE INSET FOR CONTINUATION

I:\work\1520 - design\1520-02\dwg\1520-02-03

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 Warragul, VIC, 3820



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 Drawn
 A.Cantwell
 Checked
 M.Warry
 Authorised
 K.Taylor
 Date
 May 2020

Scale @ A1 1:500
 0 5 10 20
 Coords: MGA Levels: AHD

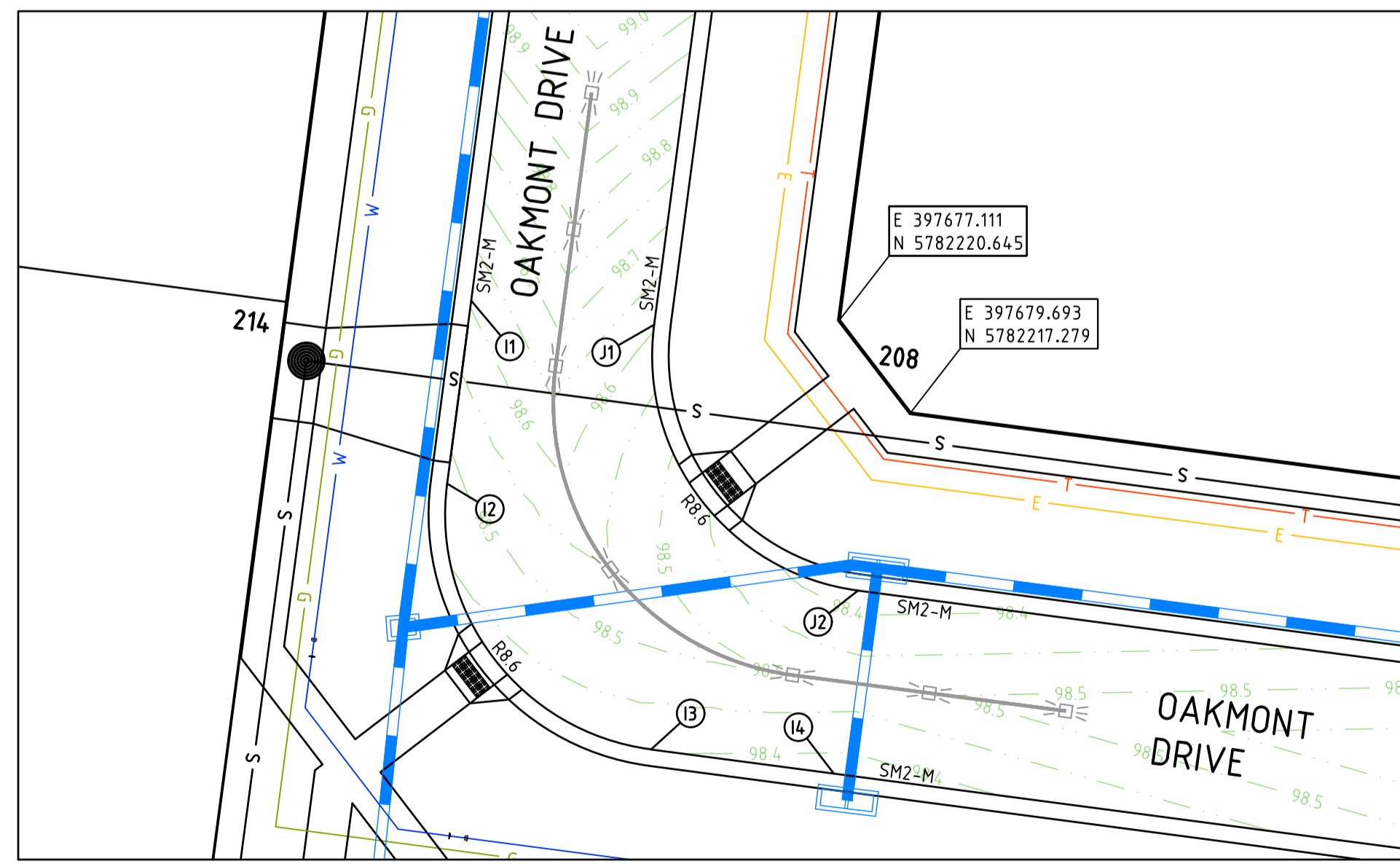
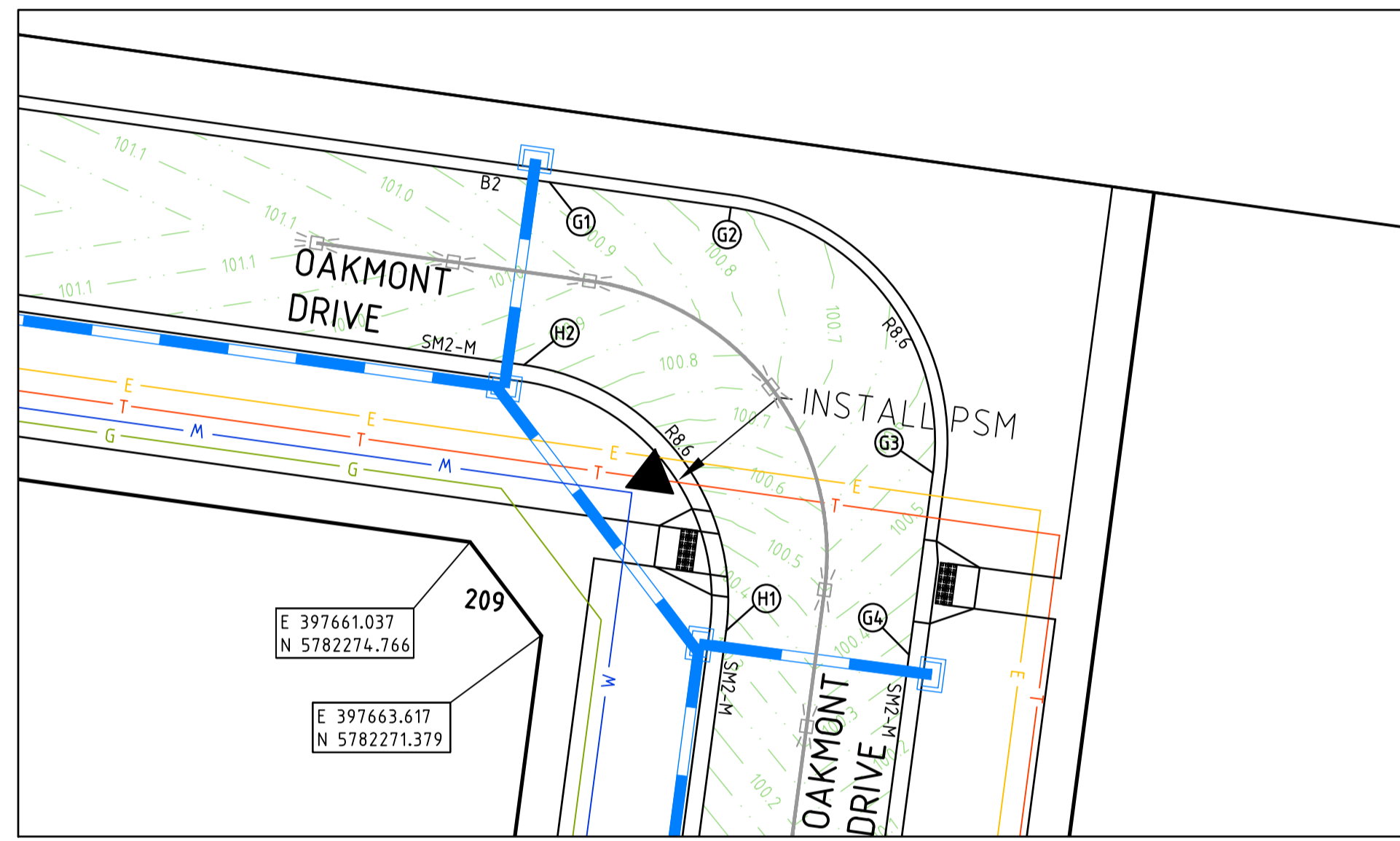
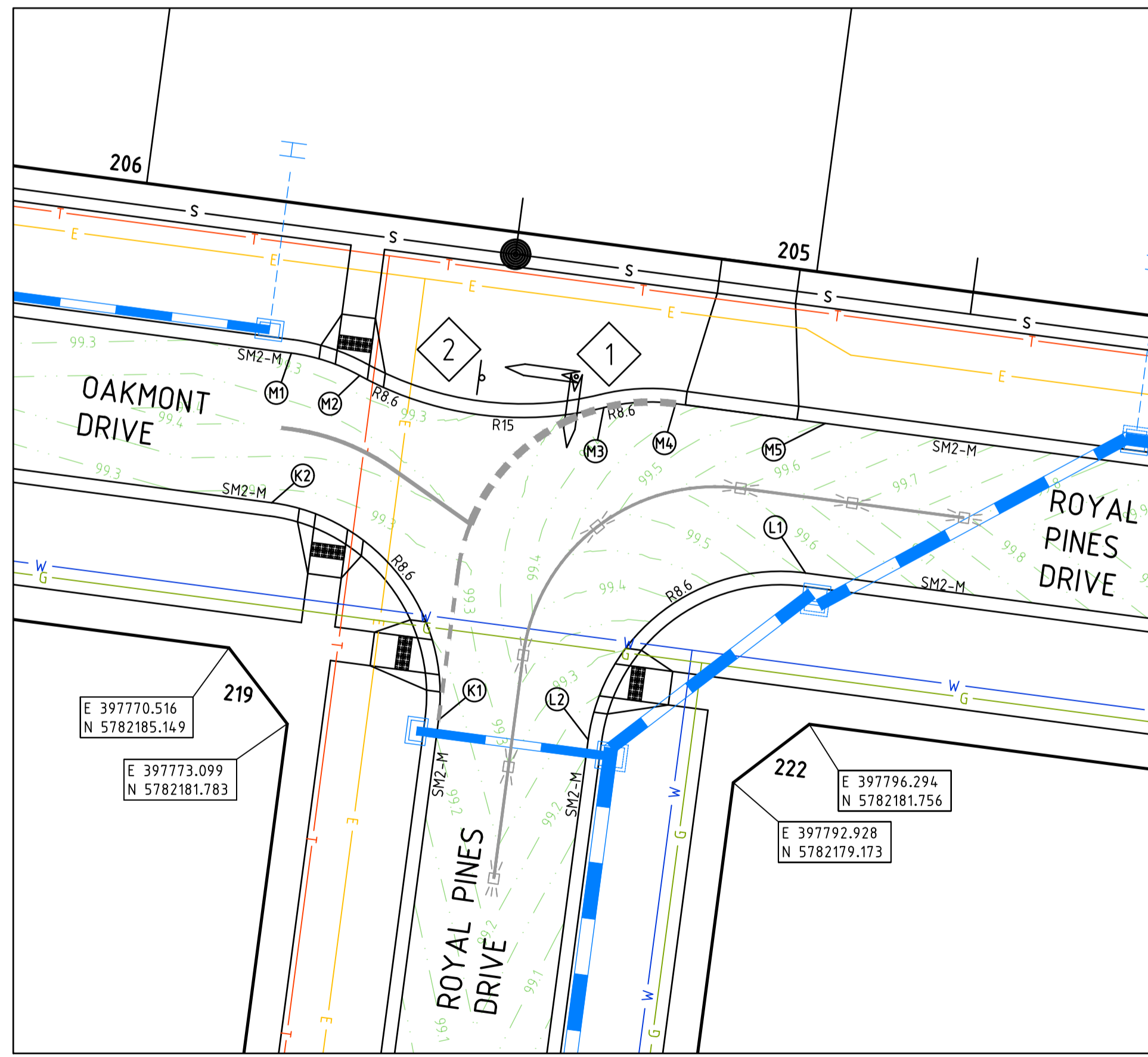
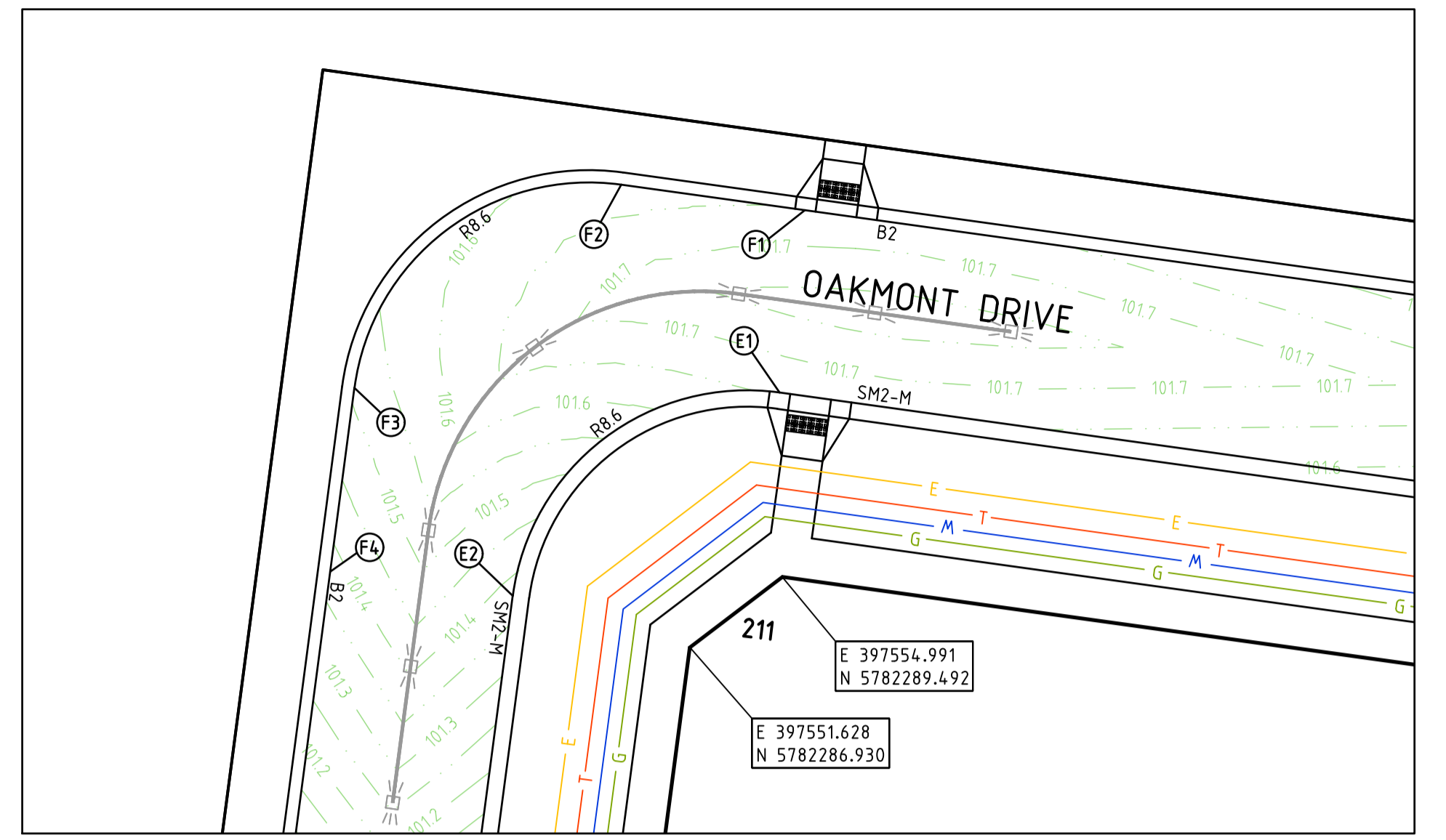
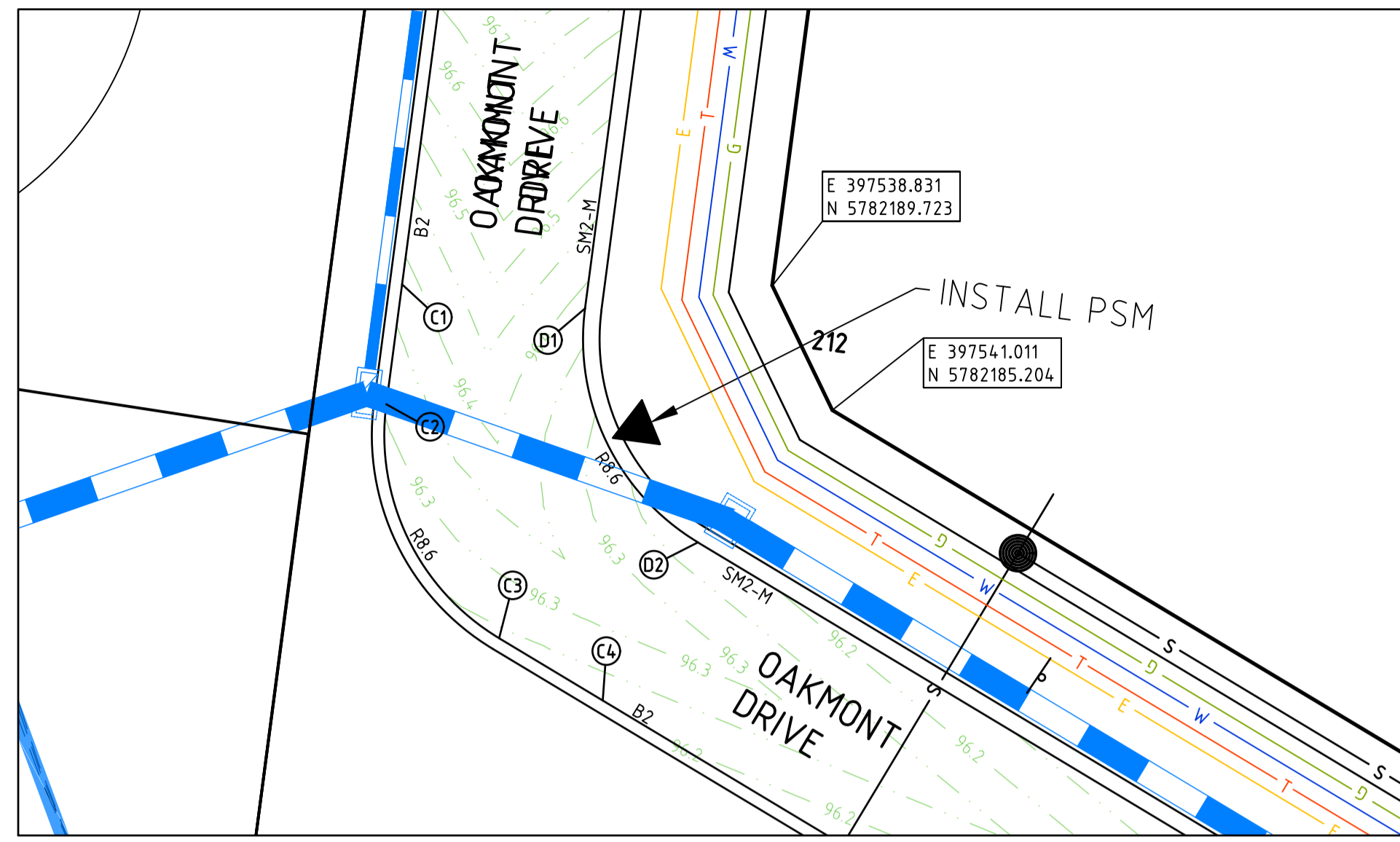
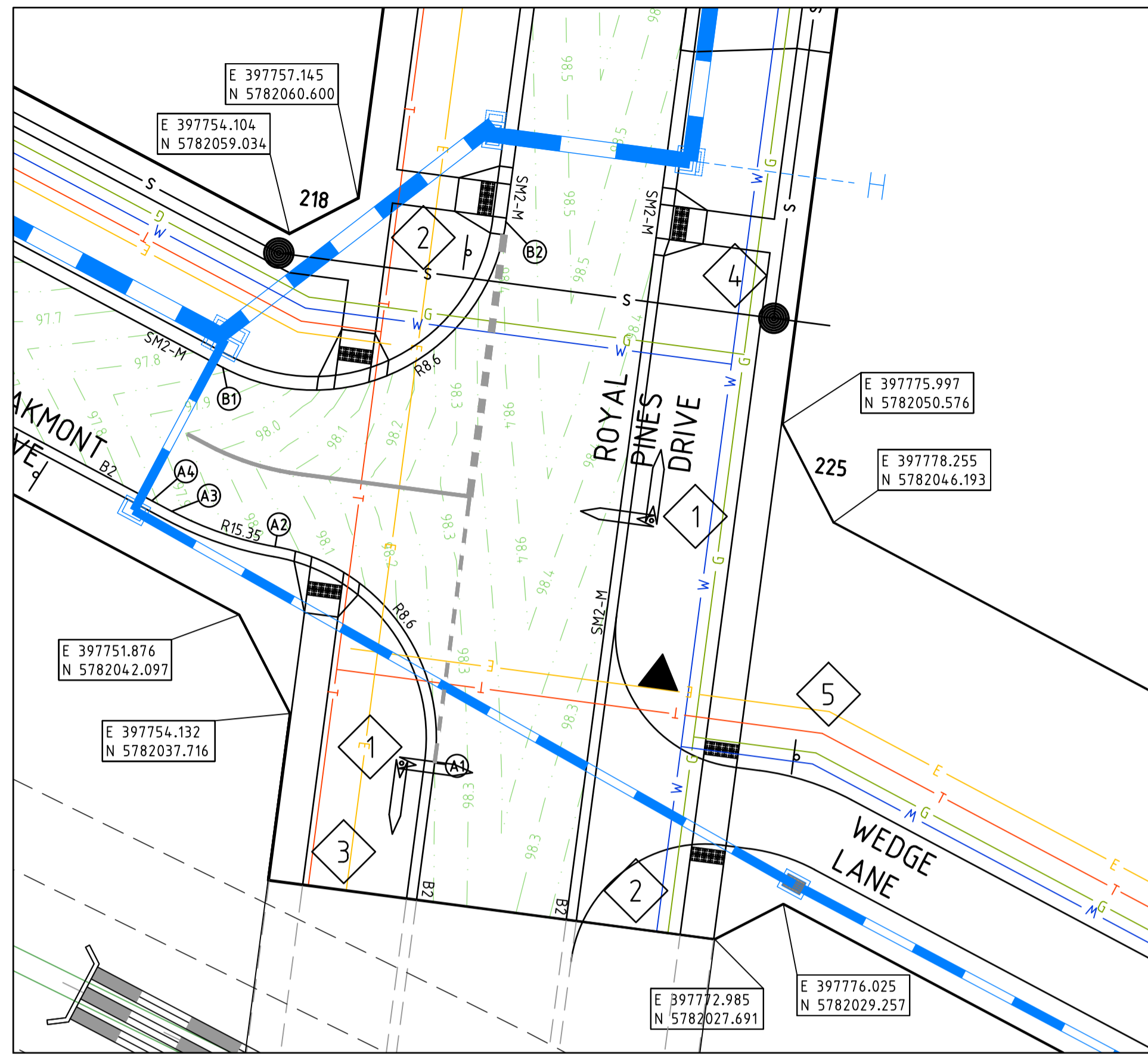
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DROUIN GOLF CLUB
 STAGE 2
 BAW BAW SHIRE COUNCIL - PLA0133/18
 ROADWORKS AND DRAINAGE
 LAYOUT PLAN - 2
 Drawing No. 1520-02-03
 Sheet No. 03 of 35

Rev 2

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SIGN SCHEDULE

SIGN	REF			
	1		3	
STREET SIGN		R2-6AR		R2-4
	2		4	
R1-2		R2-6AL		

LEGEND - INTERSECTION PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- TACTILE PAVERS
- EXISTING HOUSE DRAIN
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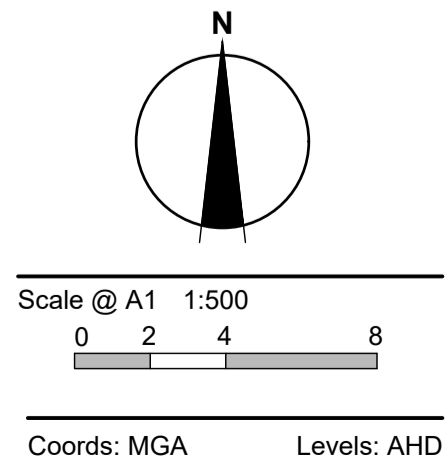
- NOTES**
- REFER TO SHEET No 1520-02-06 & 1520-02-07 FOR LIP PROFILES.
 - REFER TO SHEET No 1520-02-08 & 1520-02-09 FOR SETOUT INFORMATION.
 - 90° BENDS TO HAVE CENTRELINE MARKING WITH RRPM'S AT MAX 6m SPACING.

REVISION	DATE	DES/DTF	APPD
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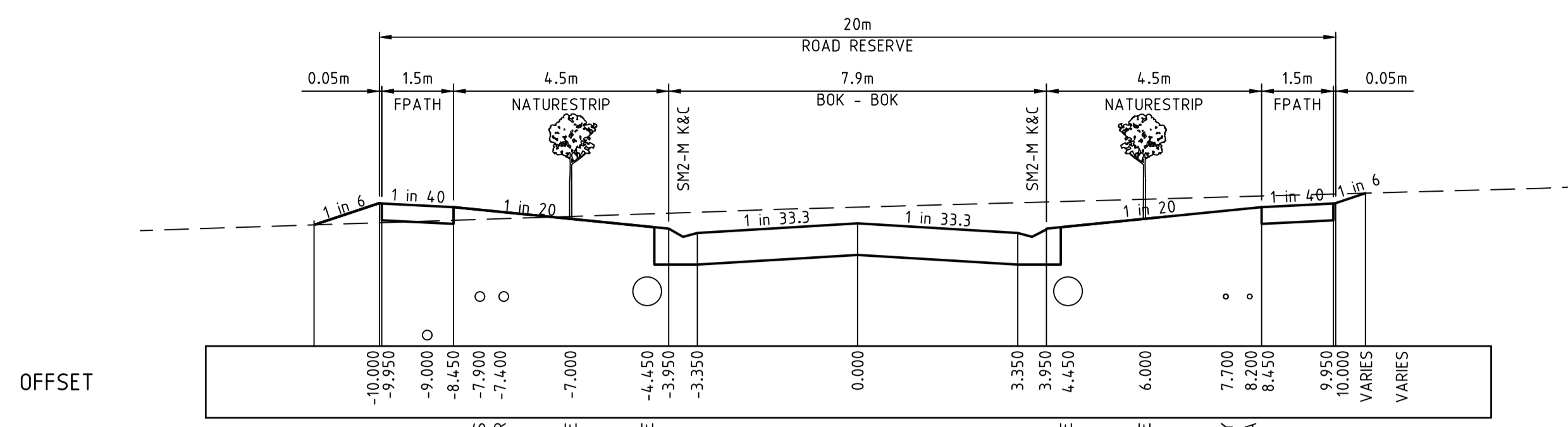
DROUIN GOLF CLUB
 STAGE 2
 BAW BAW SHIRE COUNCIL - PLA0133/18
 ROADWORKS AND DRAINAGE
 INTERSECTION DETAIL PLAN

Drawing No. 1520-02-04
 Sheet No. 04 of 35

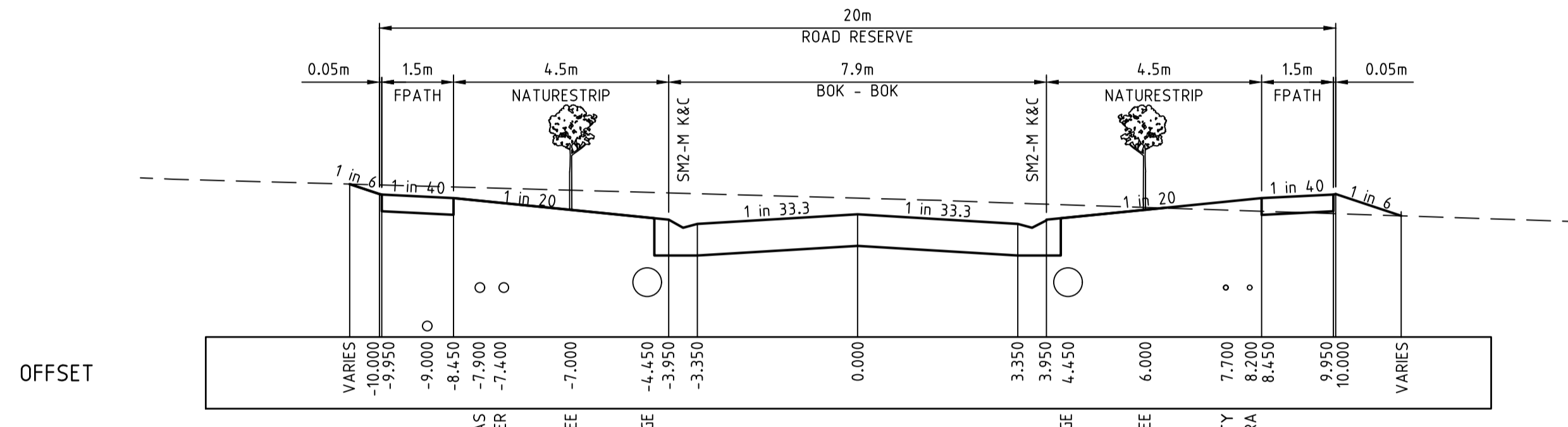
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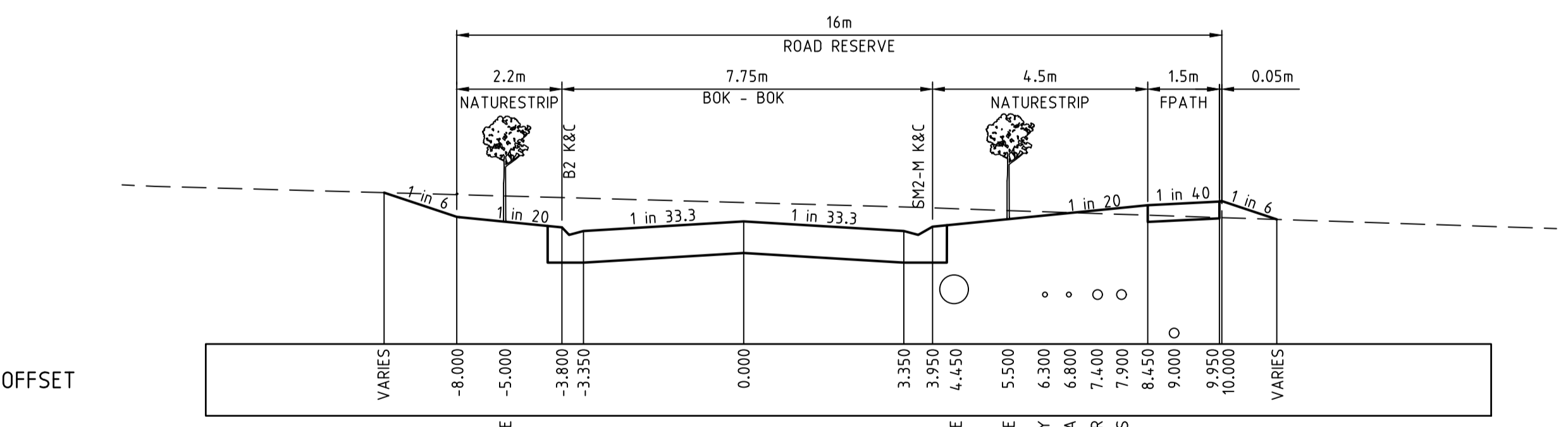
---	EXISTING SURFACE
---	DESIGN LINE
---	FUTURE DESIGN LINE



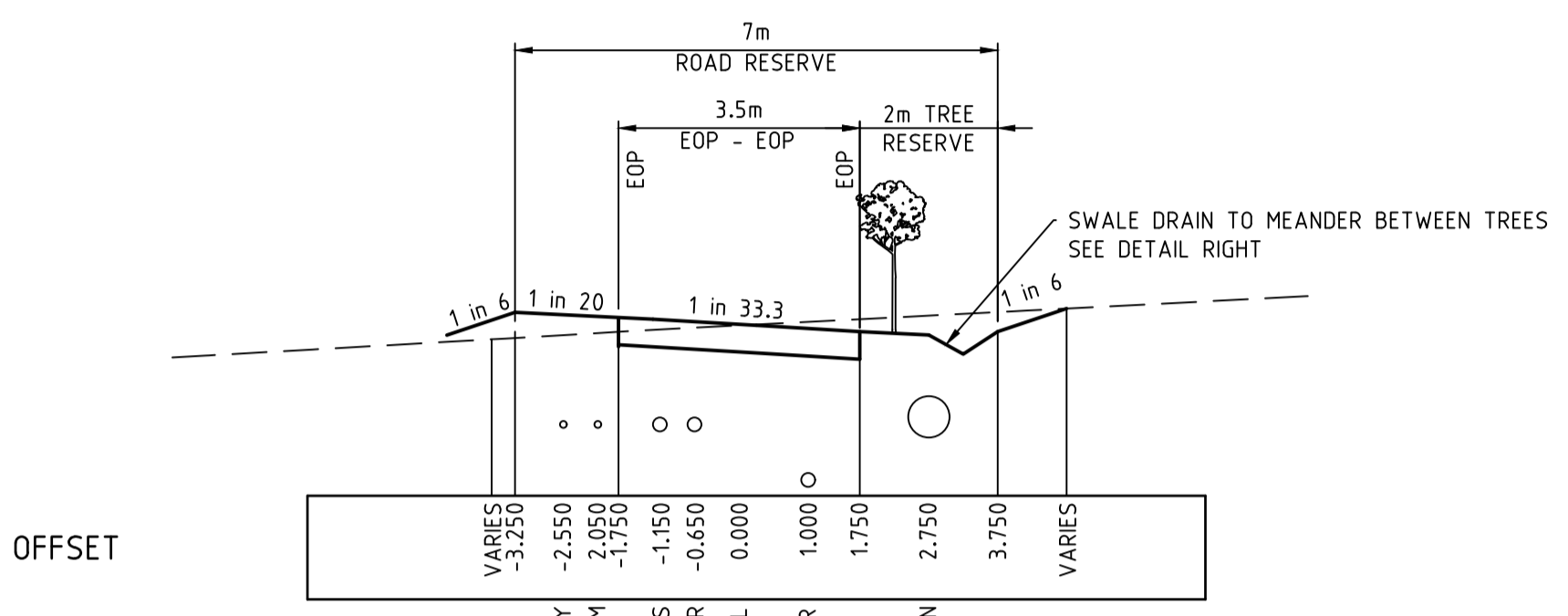
ROYAL PINES DRIVE



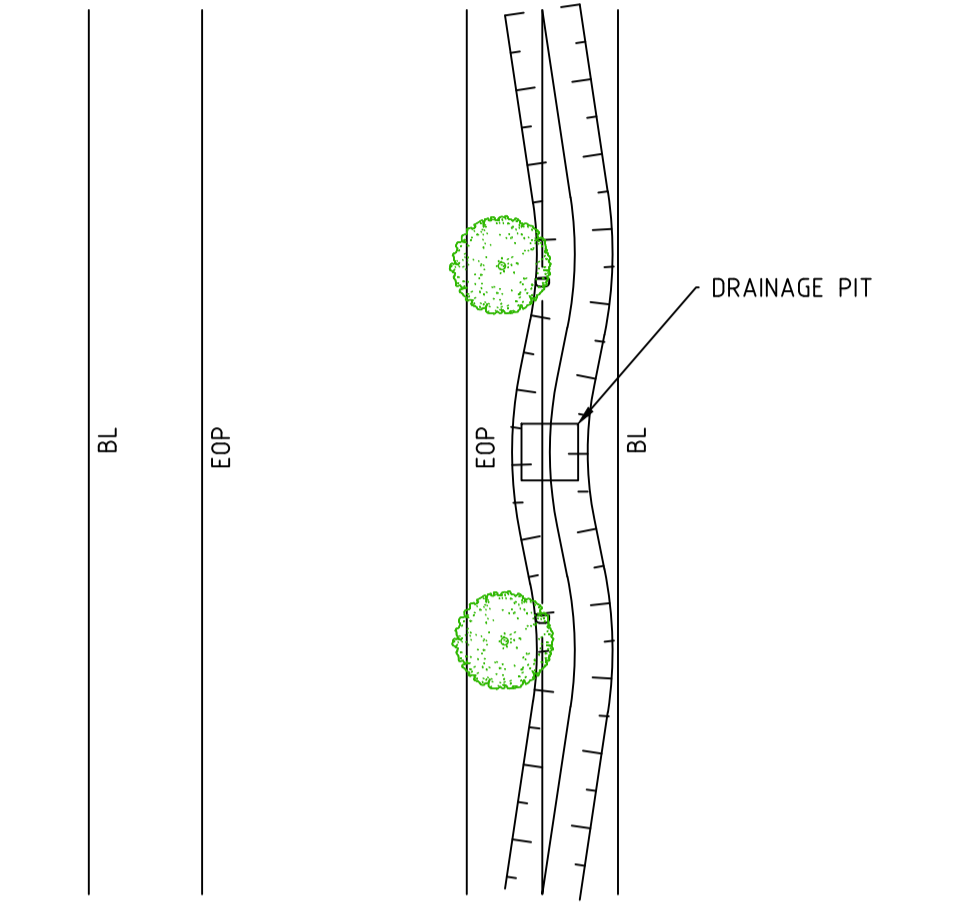
OAKMONT DRIVE LOT 206-208



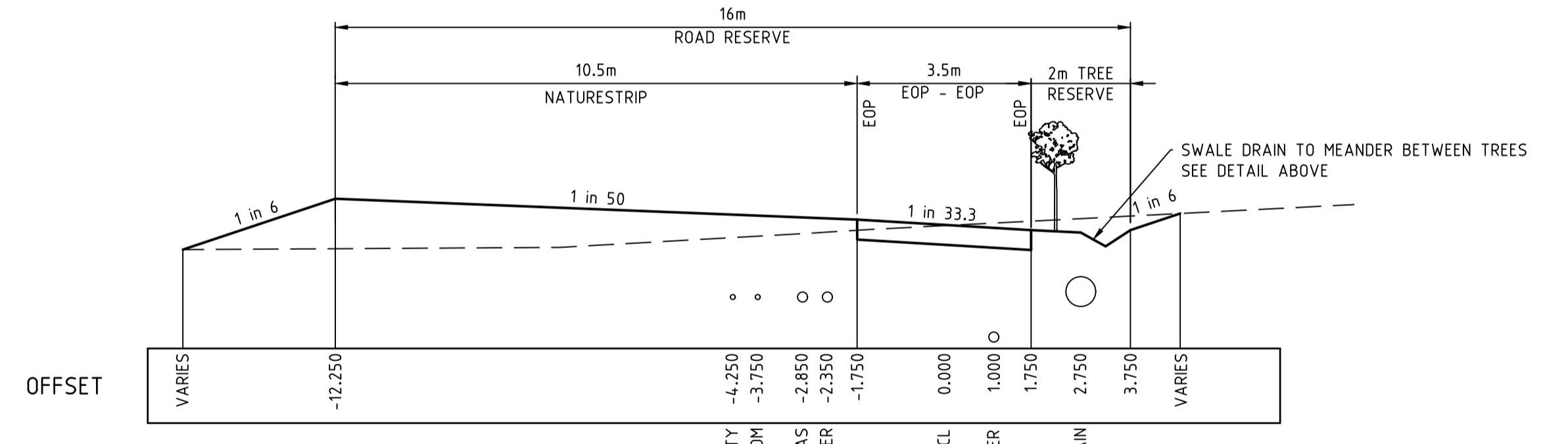
OAKMONT DRIVE LOT 209-218



WEDGE LANE (LOT 226-229)



SWALE DRAIN MEANDERING DETAIL



WEDGE LANE (LOT 225-226)

NOTES

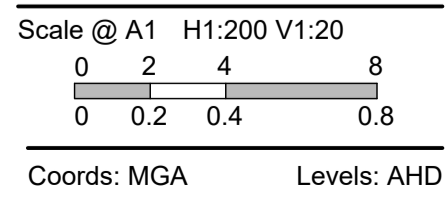
- CHAINAGES REFER TO LIP OF KERB/EDGE OF CONCRETE.
- REFER TO SHEET No's 1520-02-08 & 1520-02-09 FOR SETOUT INFORMATION.

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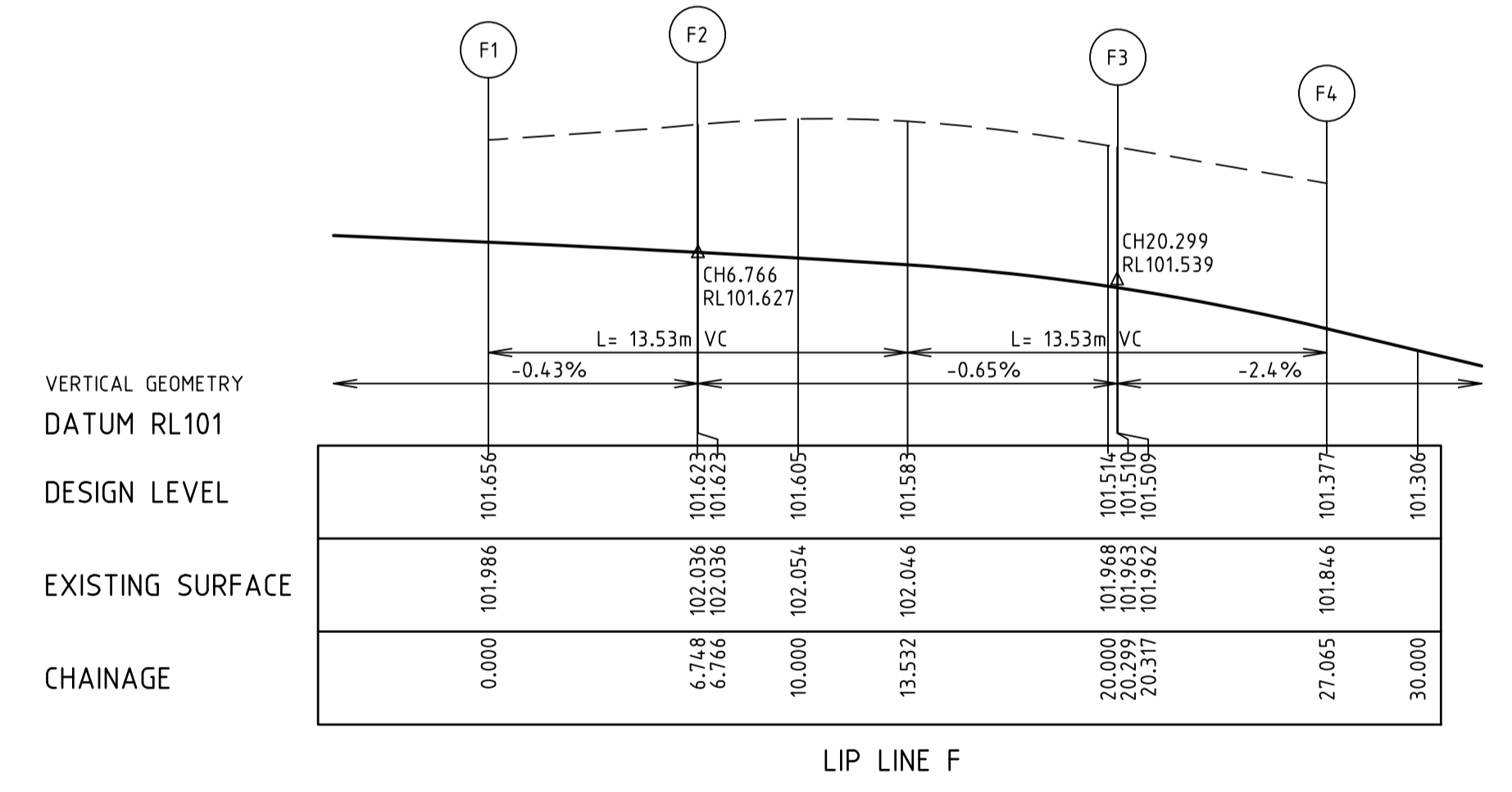
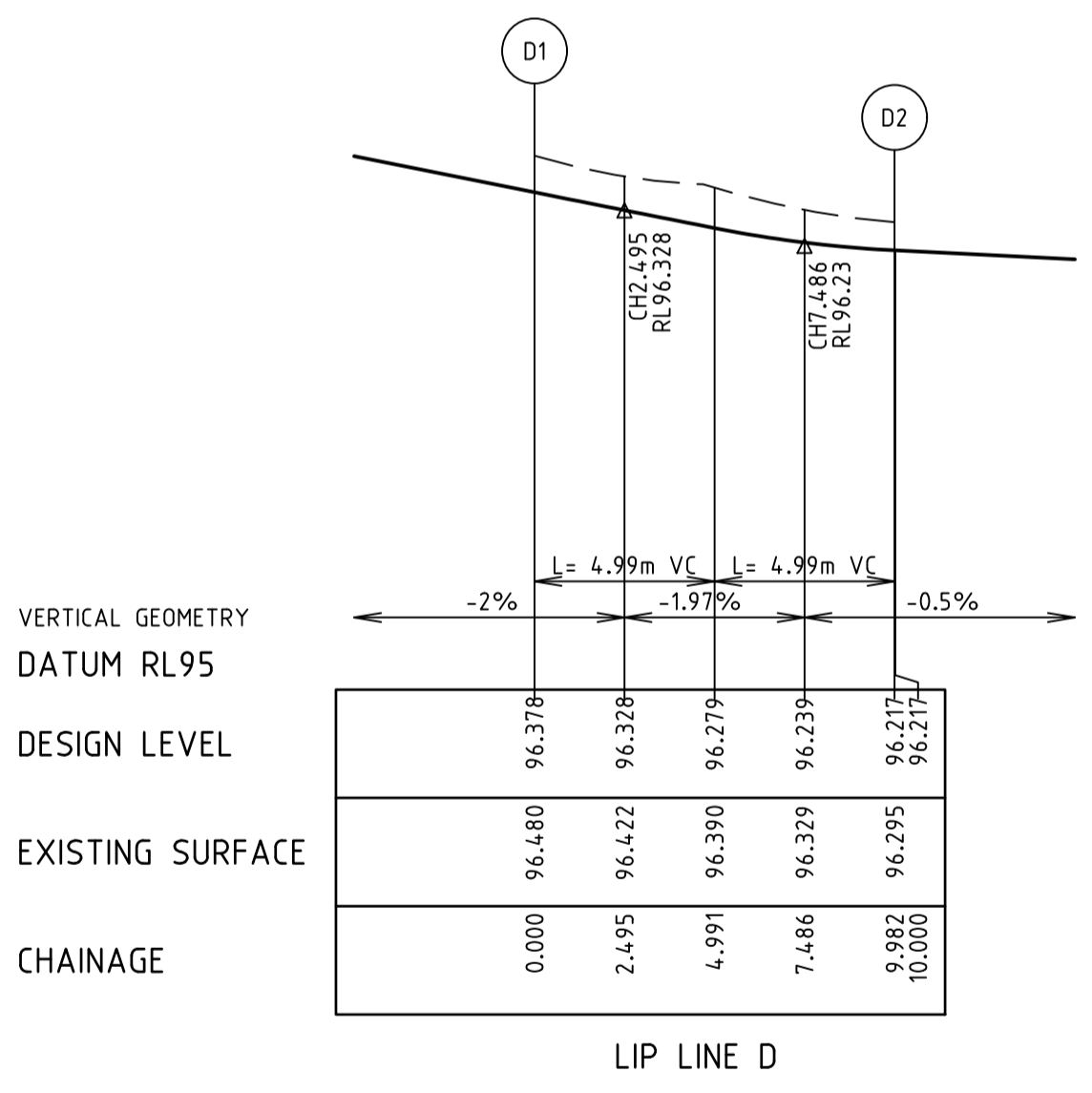
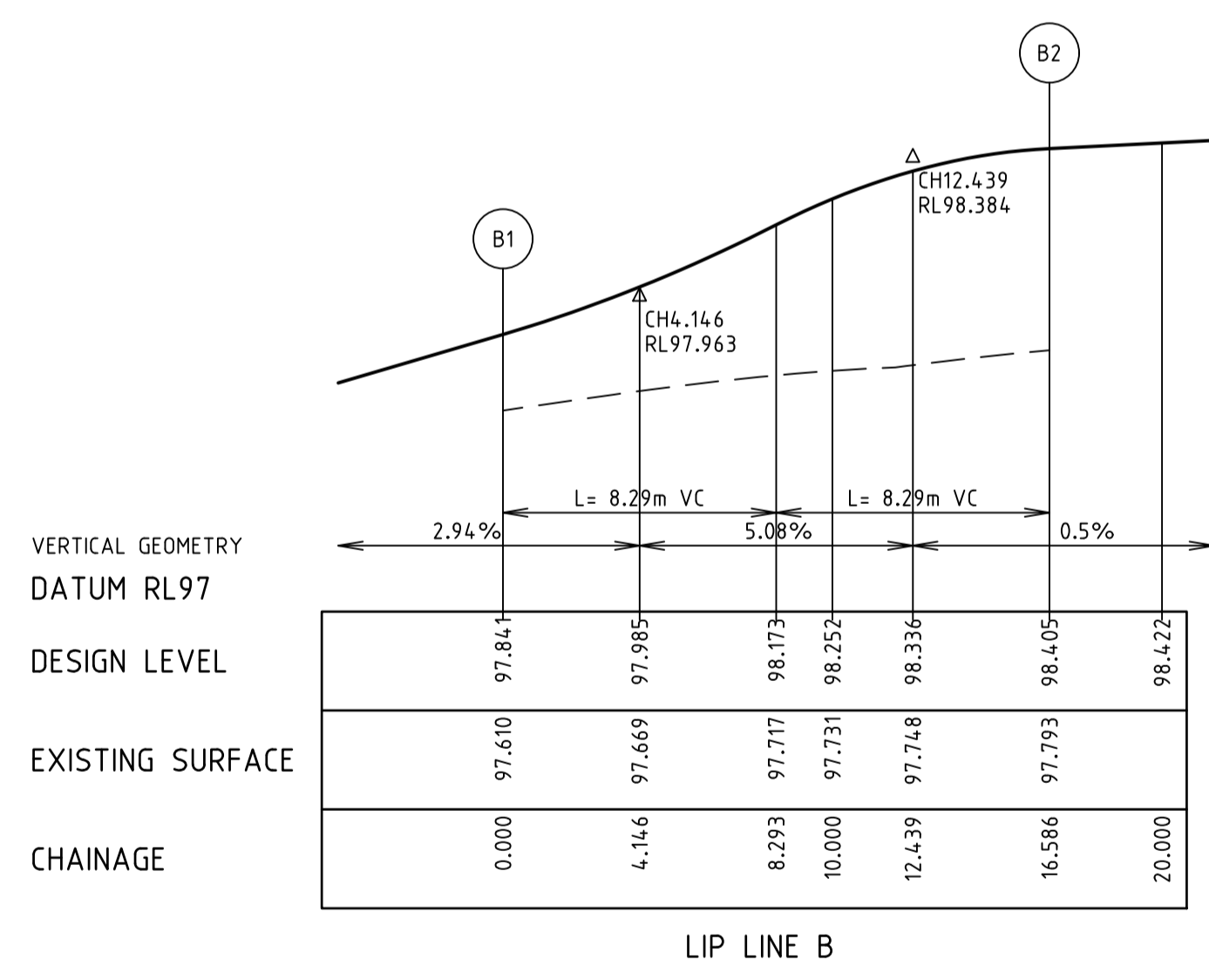
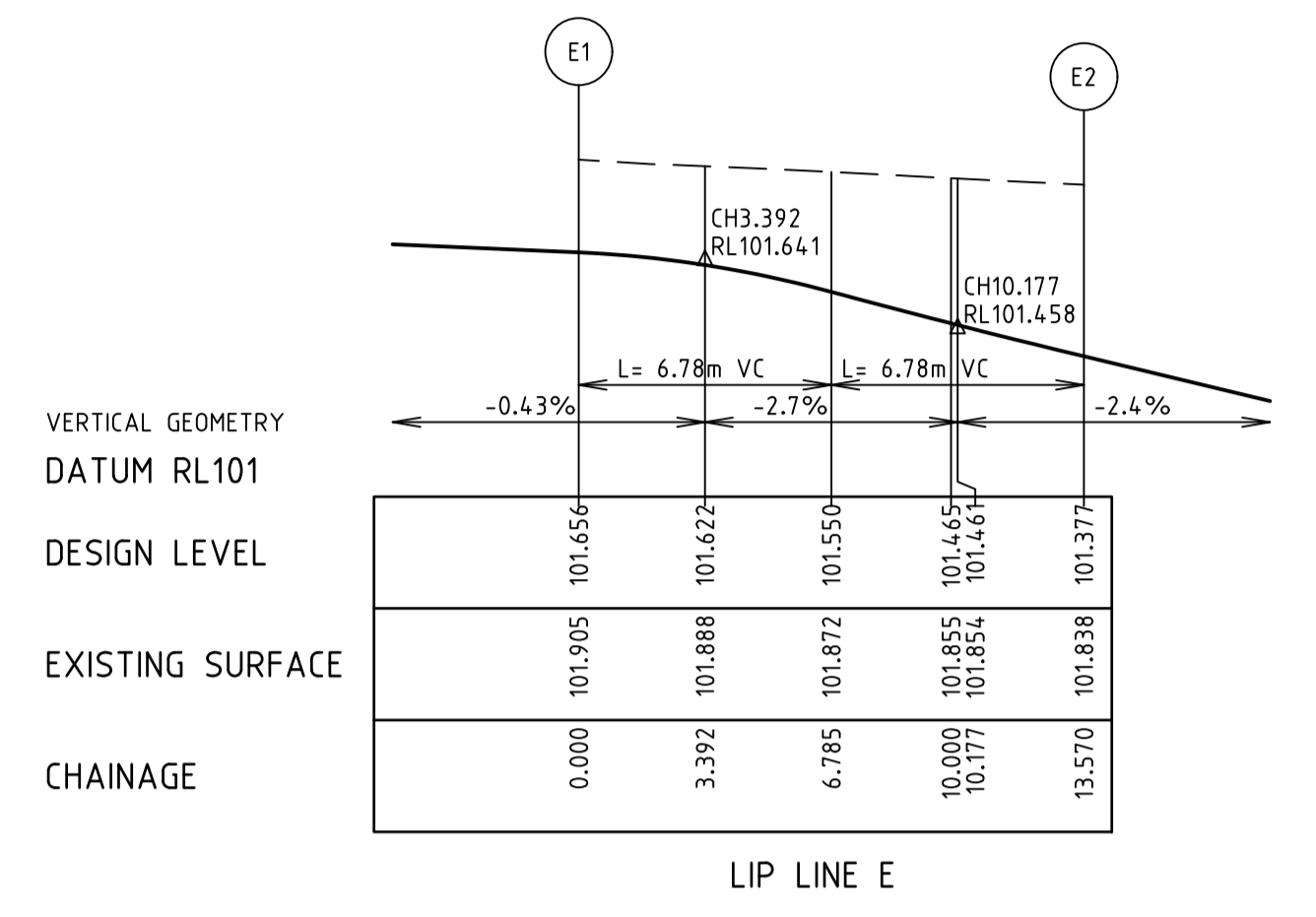
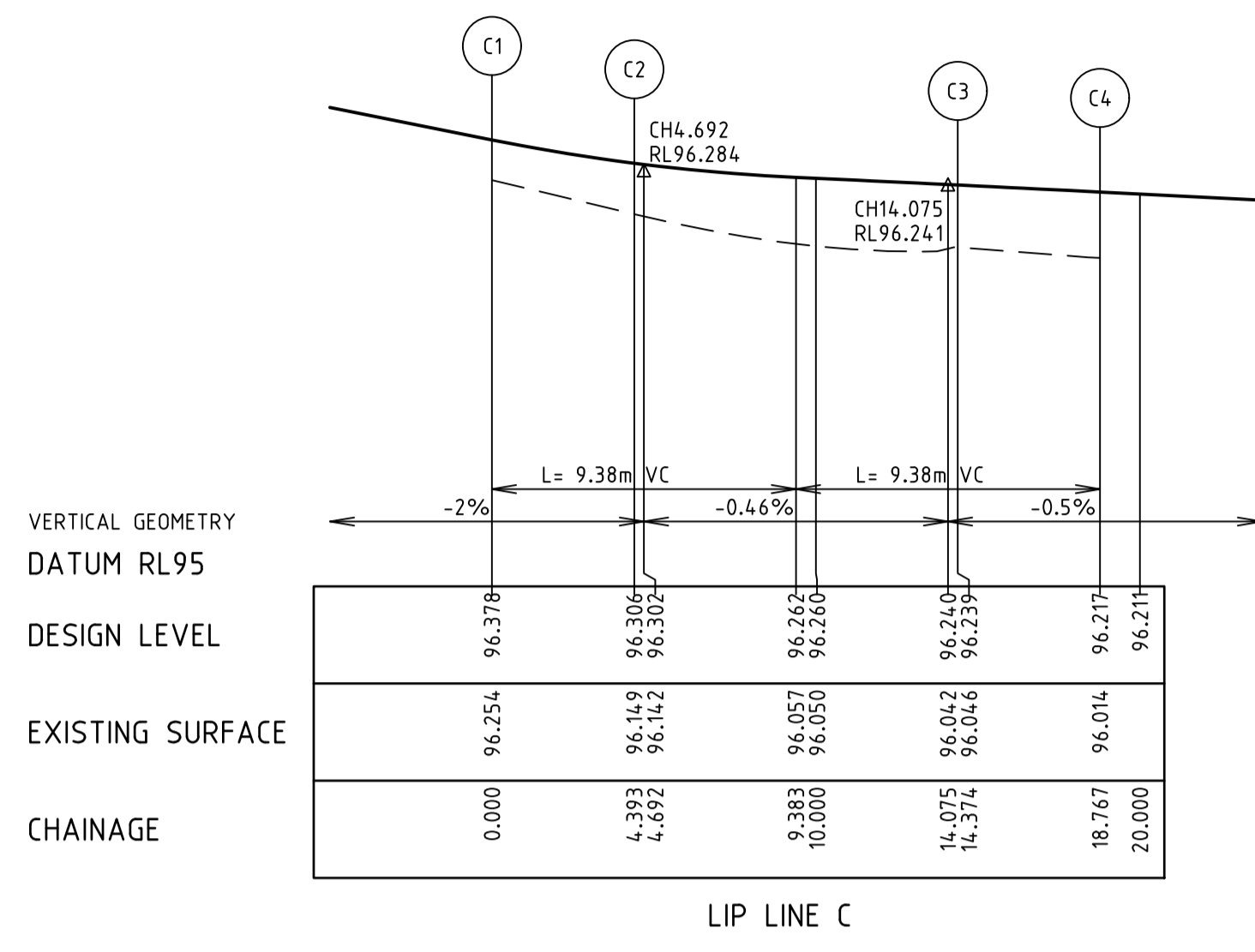
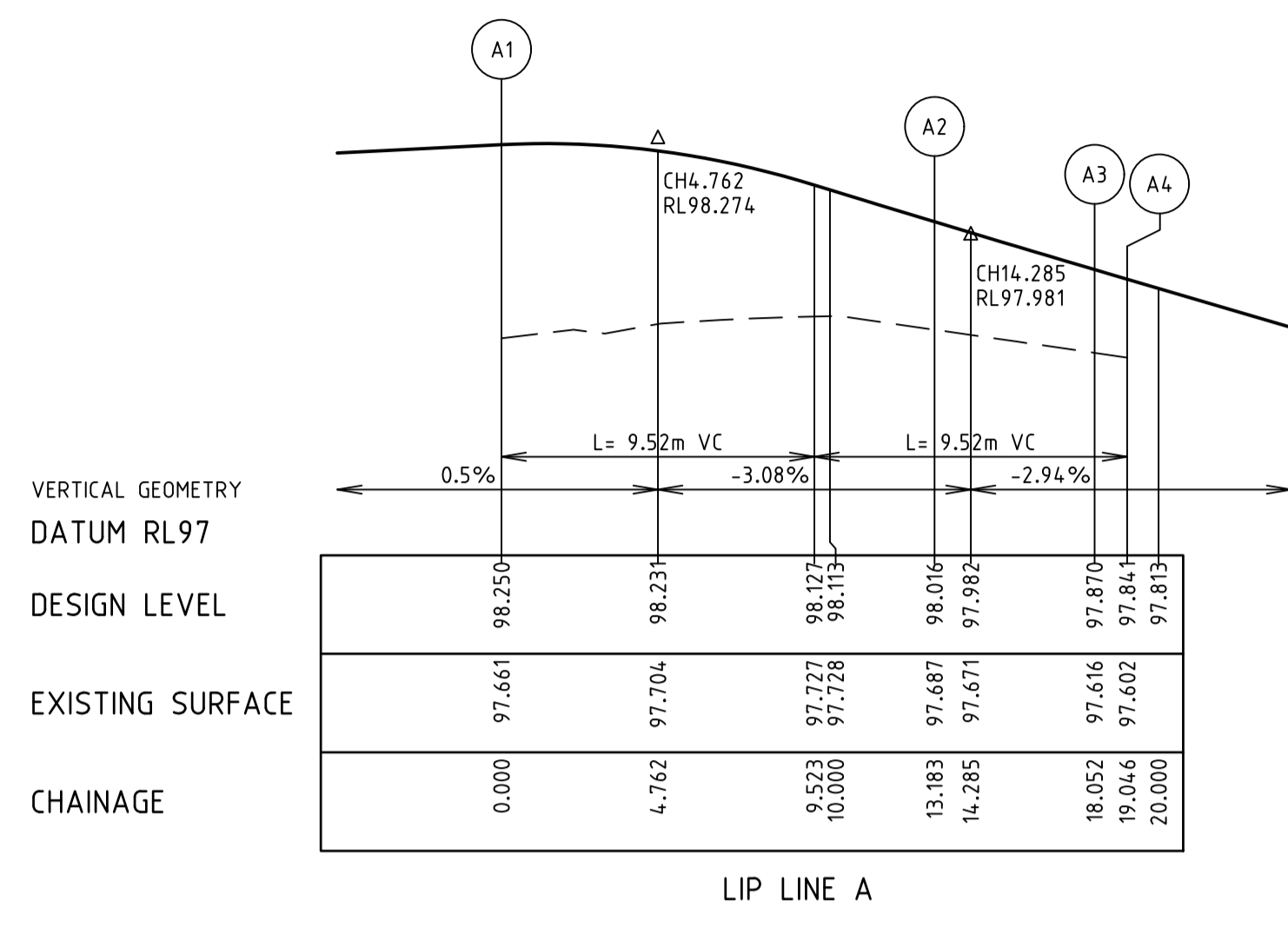
DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
TYPICAL CROSS SECTIONS

Drawing No. 1520-02-05
Sheet No. 05 of 35

Rev 2

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



NOTES
 1. CHAINAGES REFER TO LIP OF KERB/EDGE OF CONCRETE.
 2. REFER TO SHEET No 1520-02-08 & 1520-02-09 FOR SETOUT INFORMATION.

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Scale @ A1 H1:200 V1:20
 0 2 4 8
 0 0.2 0.4 0.8
 Coords: MGA Levels: AHD

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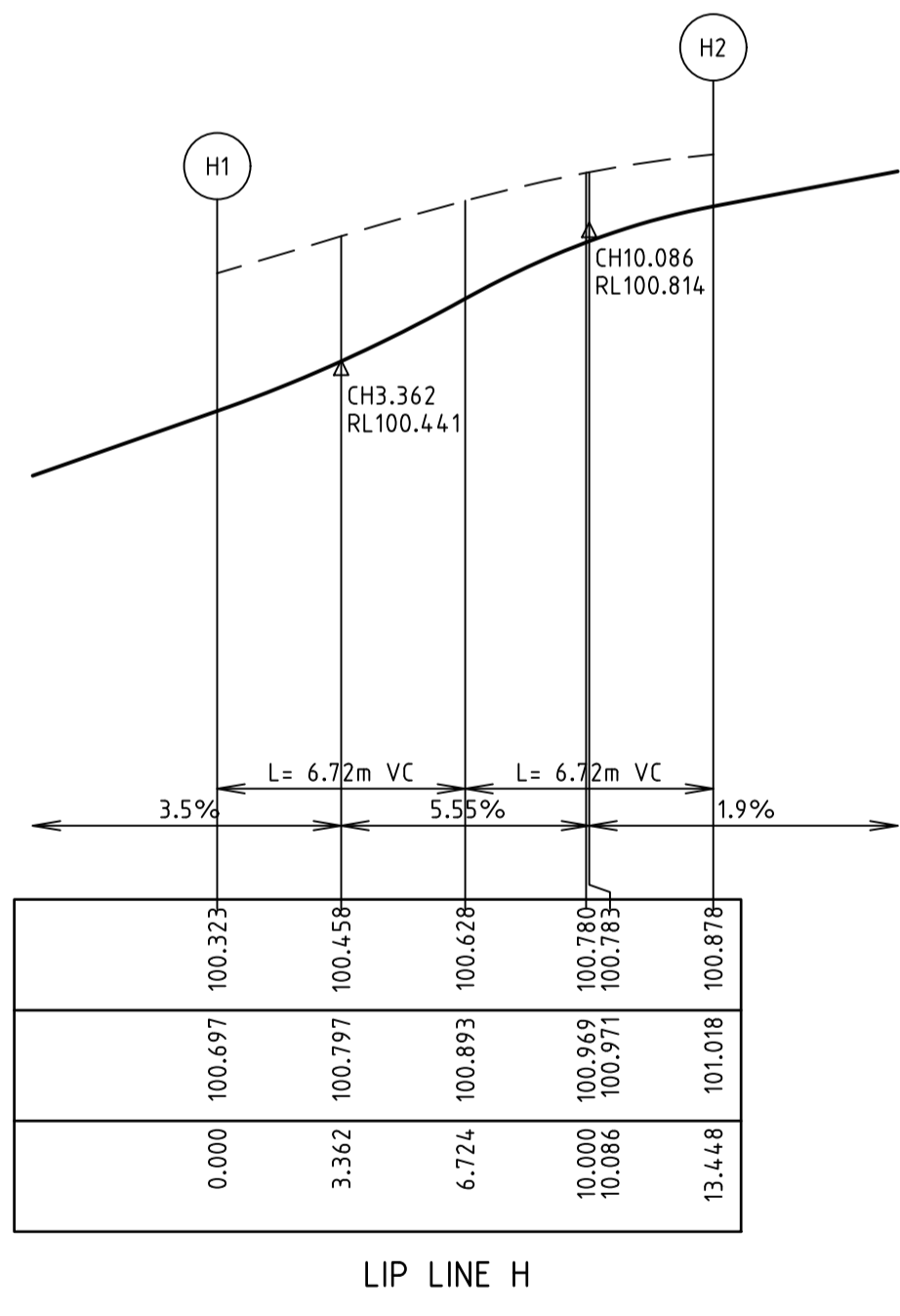
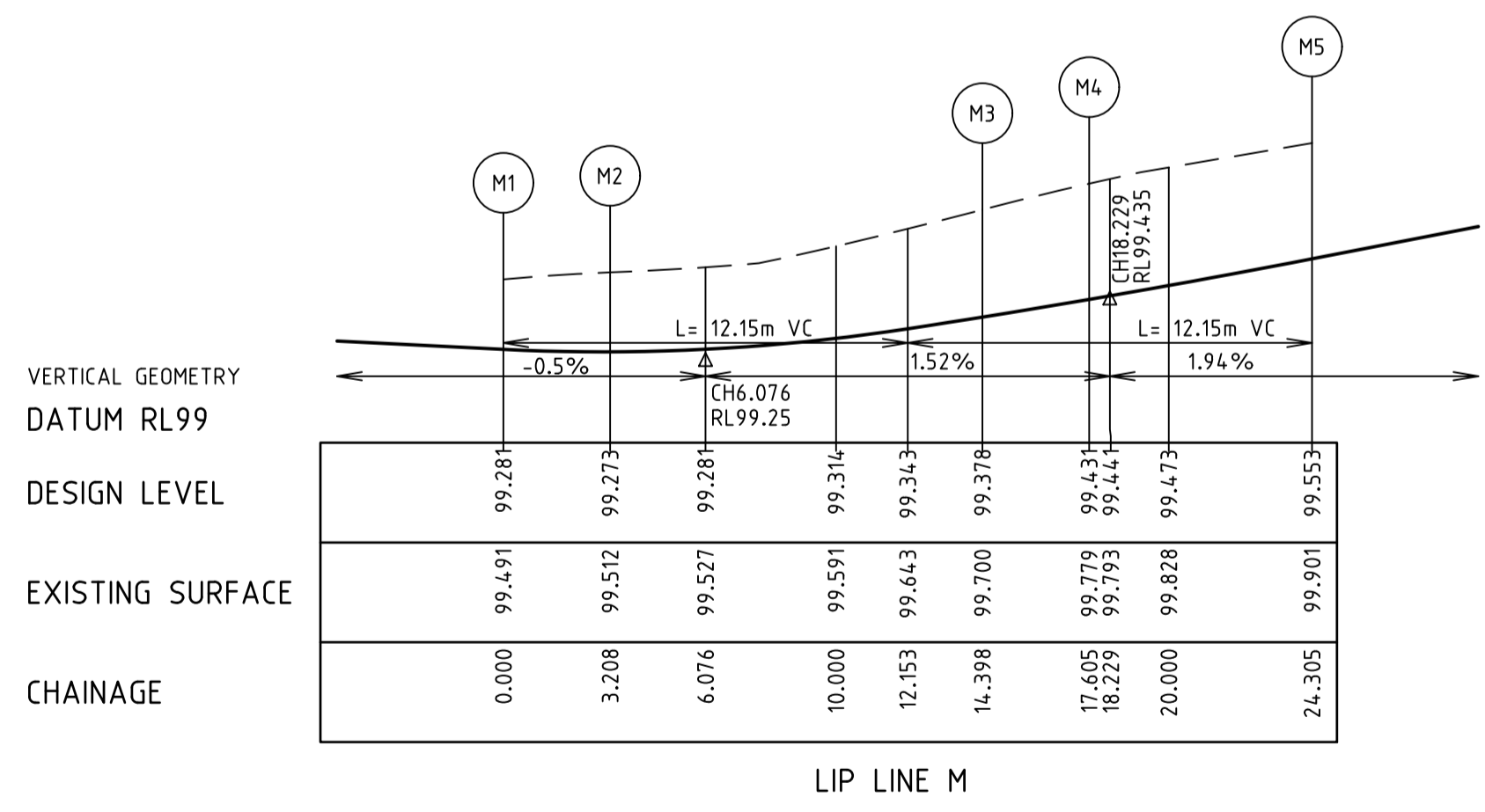
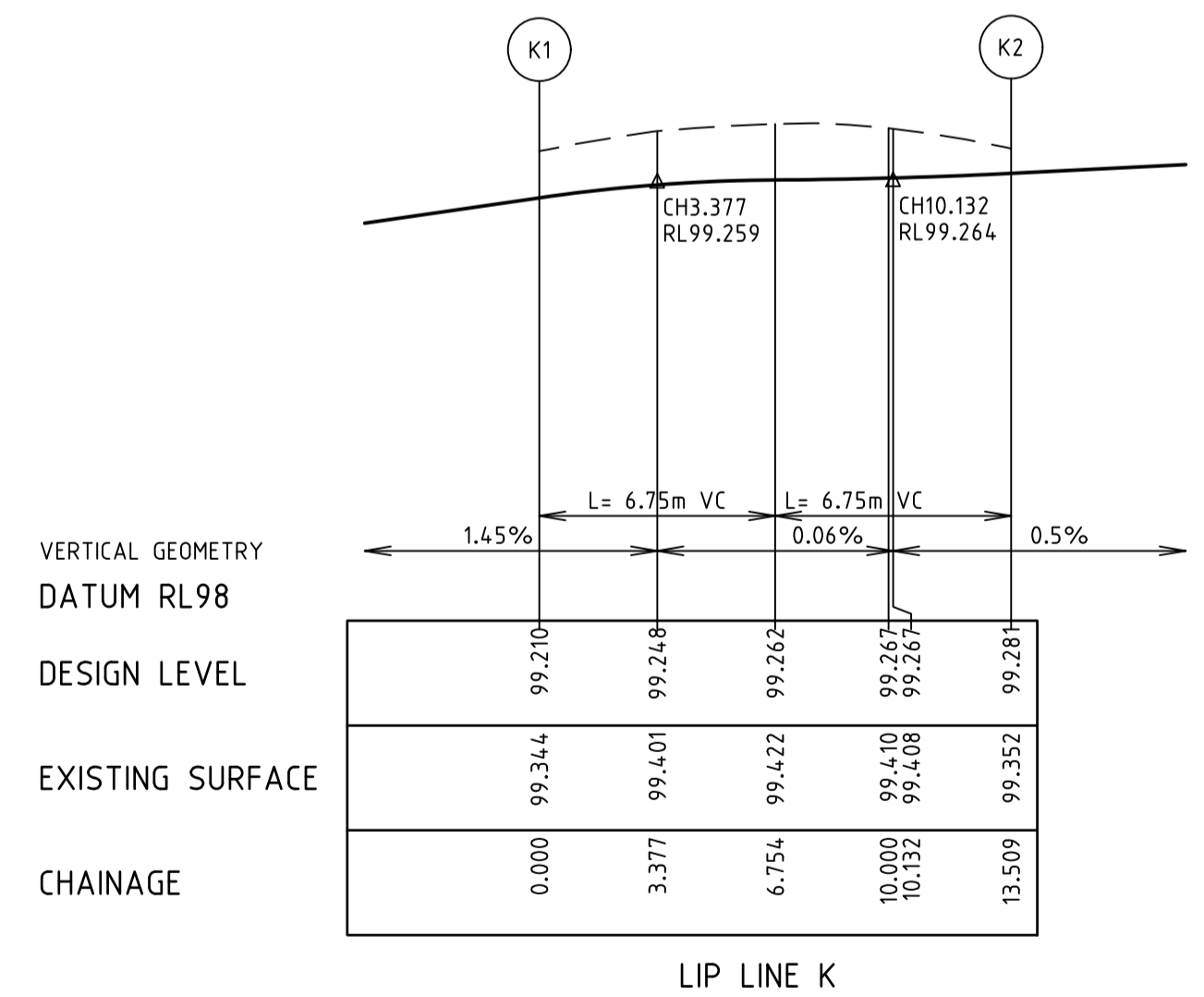
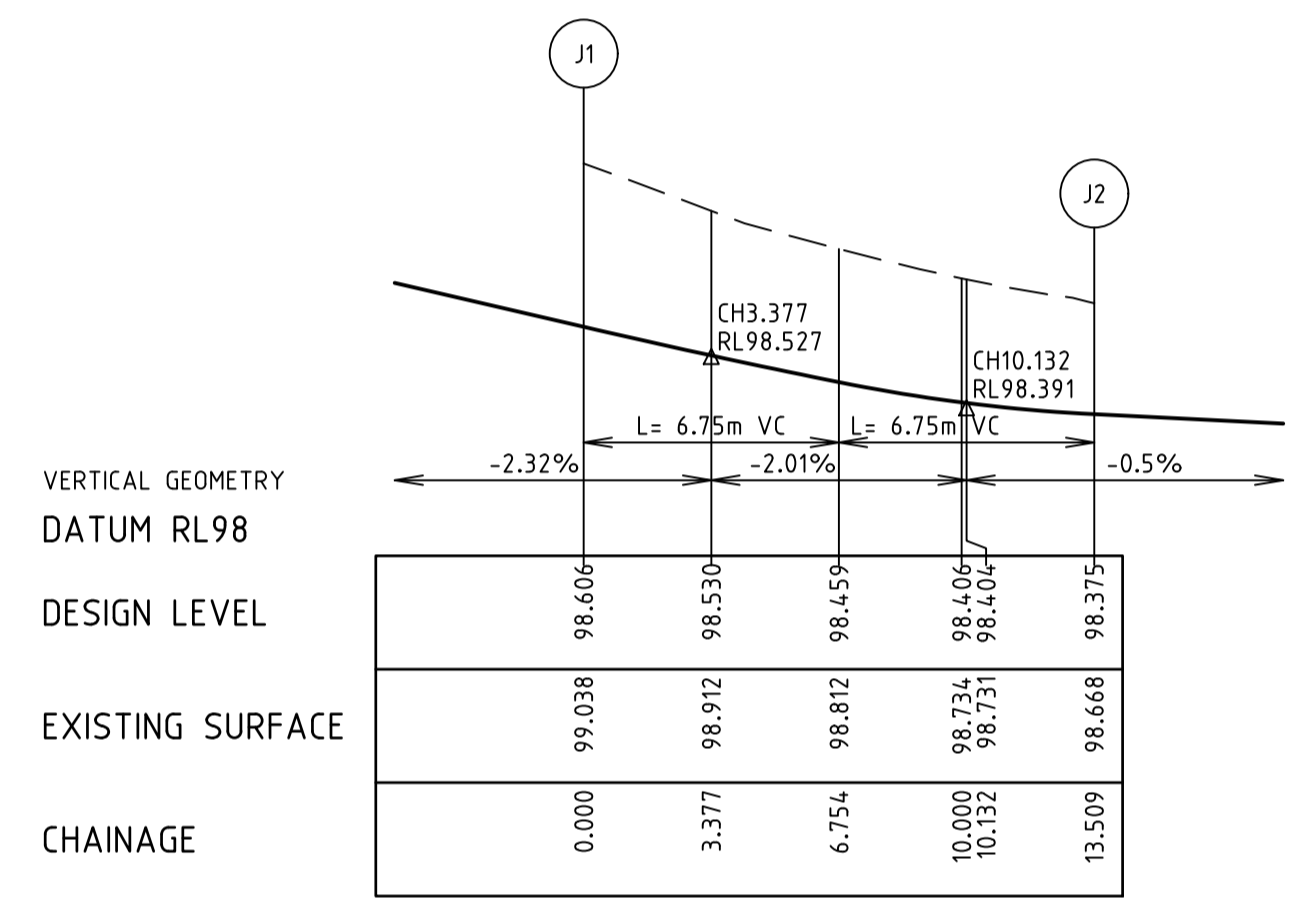
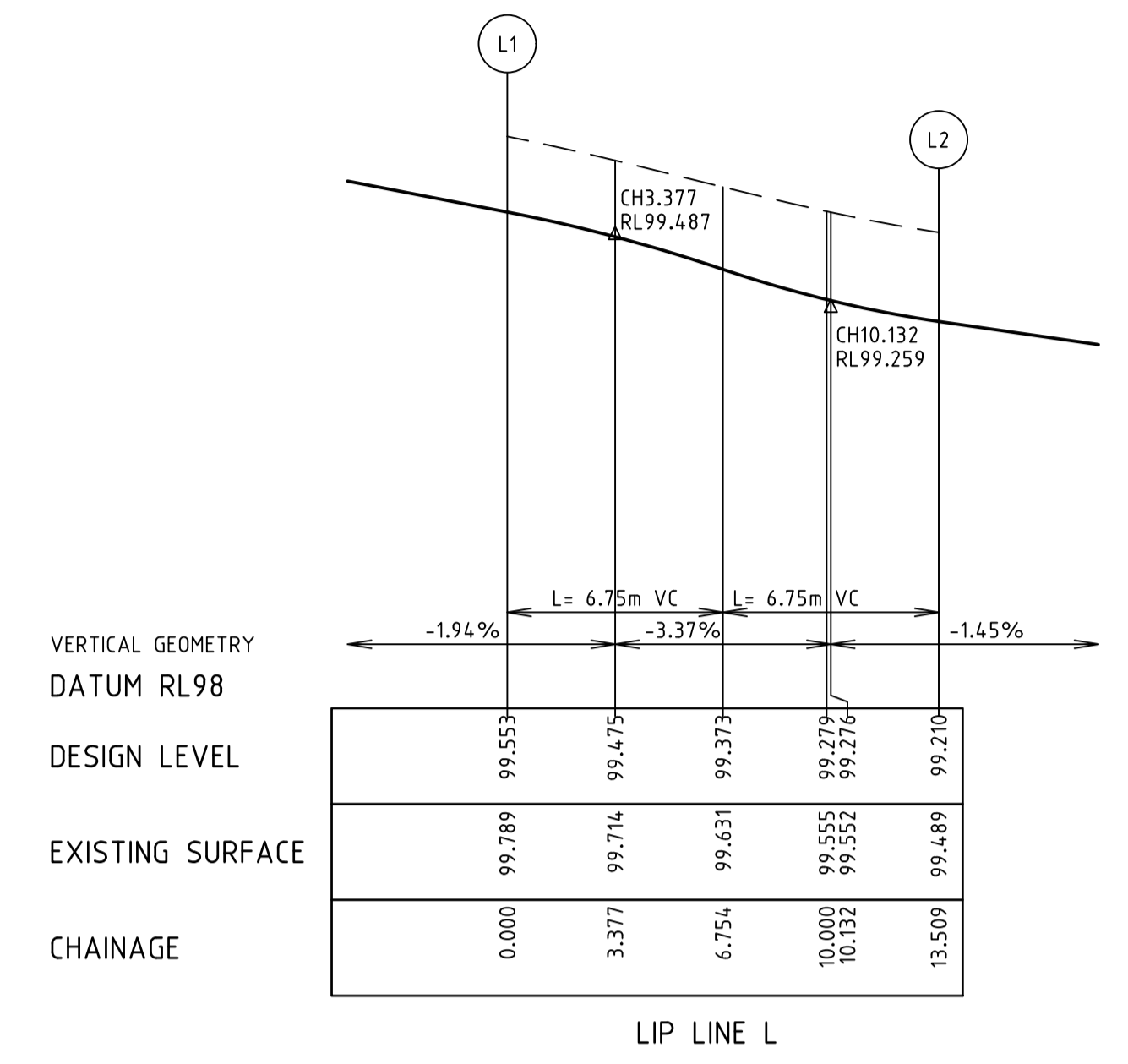
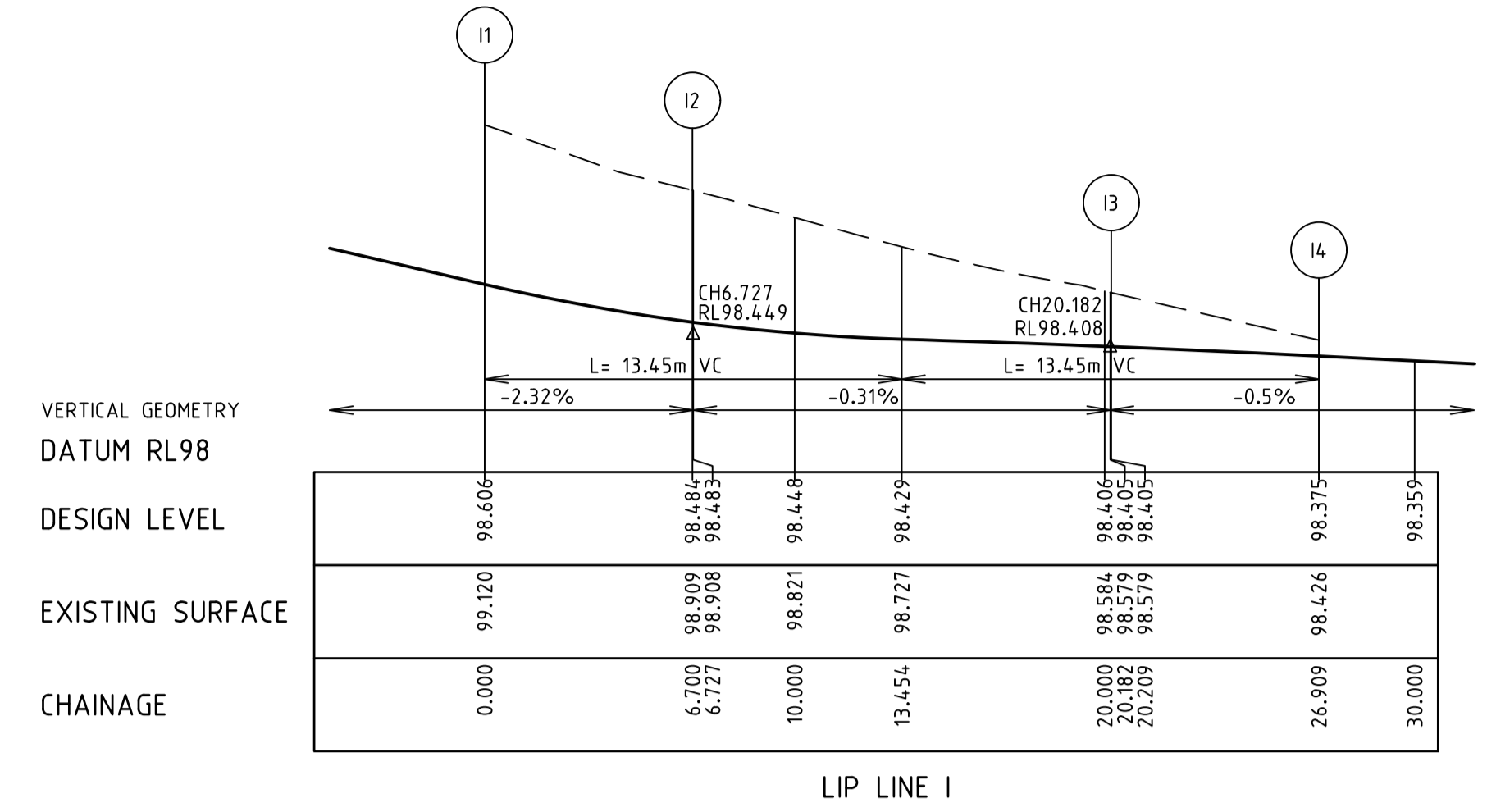
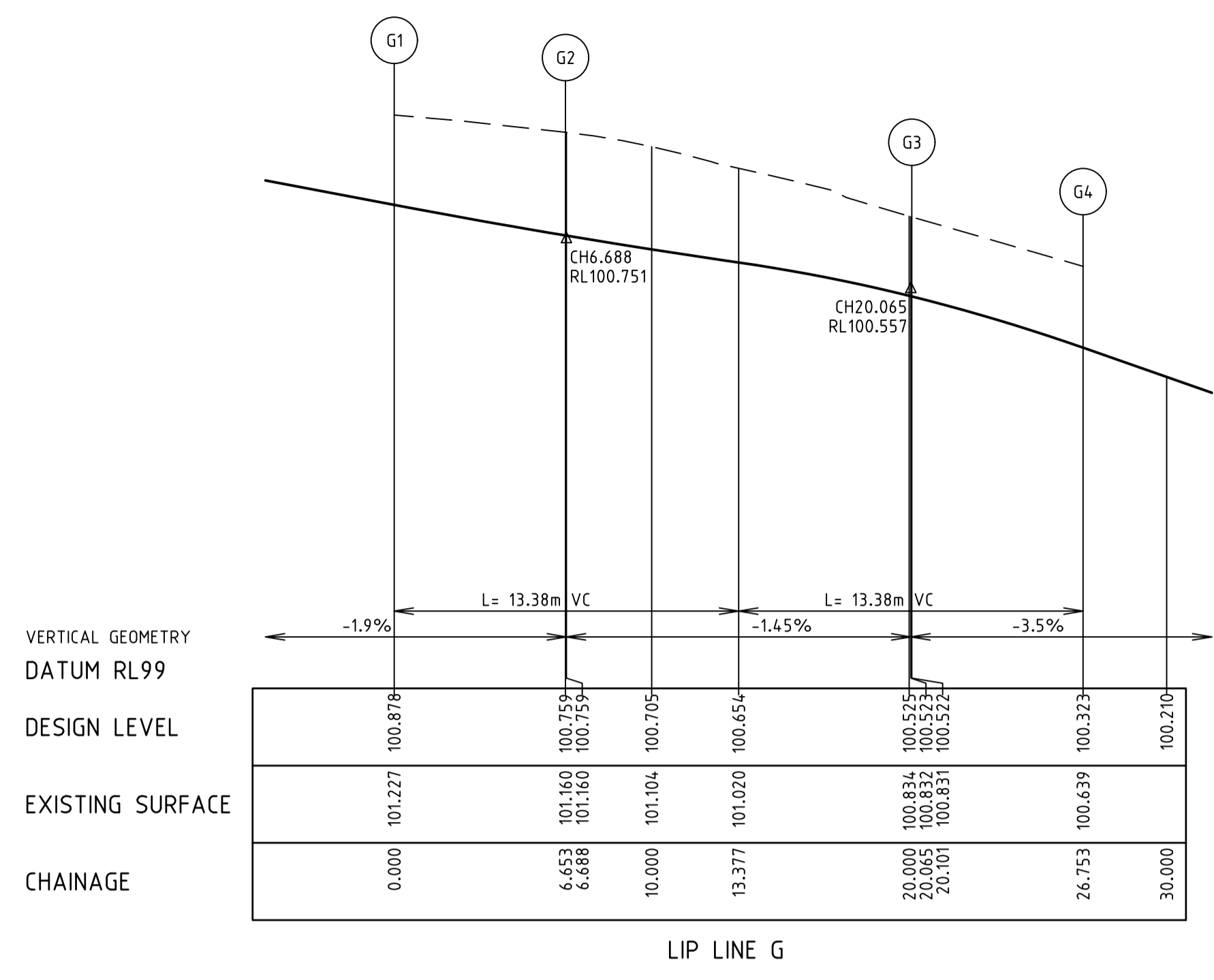
DROUIN GOLF CLUB
 STAGE 2
 BAW BAW SHIRE COUNCIL - PLA0133/18
 ROADWORKS AND DRAINAGE
 LIP PROFILES - 1

Drawing No. 1520-02-06
 Sheet No. 06 of 35

Rev 2

ISSUED FOR CONSTRUCTION

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



NOTES
 1. CHAINAGES REFER TO LIP OF KERB/EDGE OF CONCRETE.
 2. REFER TO SHEET No's 1520-02-08 & 1520-02-09 FOR SETOUT INFORMATION.

REVISION	DATE	DES/DF	APPD
2	23.06.21	AC/AC	KT
1	11/05/21	AC/AC	KT
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B	08/02/21	NG/AC	KT
A	09/12/20	NG/AC	KT



Principal
 Sowsee Pty Ltd
 9 Burke Street
 Warragul, VIC, 3820

Designed
 N.Green
 Drawn
 A.Cantwell
 Checked
 M.Warry
 Authorised
 K.Taylor
 Date
 May 2020

Scale @ A1 H1:200 V1:20
 0 2 4 8
 0 0.2 0.4 0.8
 Coords: MGA Levels: AHD

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DROUIN GOLF CLUB
 STAGE 2
 BAW BAW SHIRE COUNCIL - PLA0133/18
 ROADWORKS AND DRAINAGE
 LIP PROFILES - 2

Drawing No. 1520-02-07
 Sheet No. 07 of 35

Rev 2

ISSUED FOR CONSTRUCTION

ROYAL PINES DRIVE DESIGN LINE

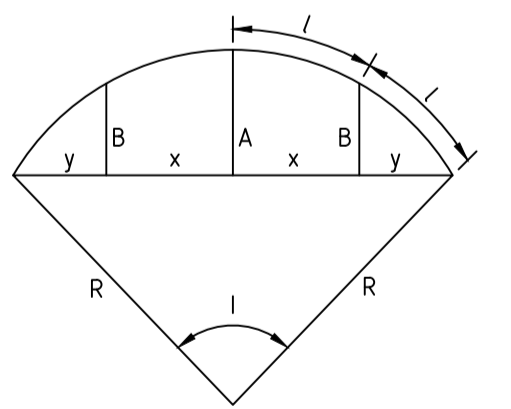
CHAINAGE	EASTING	NORTHING	BEARING	
-101.491	397749.827	5781928.401	7°29'60"	
-100.000	397750.021	5781929.879	7°29'60"	
-0.014	397763.072	5782029.010	7°29'60"	
0.000	397763.074	5782029.023	7°29'60"	
100.000	397776.126	5782128.168	7°29'60"	
157.162	397783.587	5782184.840	7°29'60"	TC
158.974	397784.011	5782186.600	19°34'37"	
161.538	397785.215	5782188.853	36°39'36"	
164.103	397787.028	5782190.653	53°44'34"	
166.667	397789.289	5782191.841	70°49'32"	
169.231	397791.800	5782192.312	87°54'30"	
170.671	397793.236	5782192.244	97°30'01"	CT
200.000	397822.315	5782188.416	97°29'60"	
295.487	397916.985	5782175.952	97°29'60"	

OAKMONT DRIVE DESIGN LINE

CHAINAGE	EASTING	NORTHING	BEARING	
0.000	397765.429	5782046.911	277°30'00"	
11.002	397754.521	5782048.347	277°30'00"	TC
12.121	397753.420	5782048.545	282°50'43"	
15.152	397750.581	5782049.582	297°18'50"	
15.295	397750.454	5782049.649	298°00'01"	CT
46.007	397723.337	5782064.068	298°00'01"	TC
48.730	397720.967	5782065.408	301°00'00"	CT
100.000	397677.020	5782091.814	301°00'00"	
200.000	397591.304	5782143.318	301°00'00"	
267.682	397533.289	5782178.177	301°00'00"	TC
269.444	397531.866	5782179.213	311°05'53"	
272.222	397530.051	5782181.304	327°00'49"	
275.000	397528.880	5782183.813	342°55'45"	
277.778	397528.441	5782186.547	358°50'41"	
279.288	397528.525	5782188.054	7°29'60"	CT
300.000	397531.228	5782208.588	7°29'60"	
383.334	397542.106	5782291.210	7°29'60"	TC
386.111	397542.843	5782293.878	23°24'36"	
388.889	397544.284	5782296.242	39°19'32"	
391.667	397546.319	5782298.120	55°14'28"	
394.444	397548.190	5782299.369	71°09'24"	
397.222	397551.509	5782299.891	87°04'19"	
399.113	397553.395	5782299.809	97°54'20"	CT
400.000	397554.274	5782299.687	97°54'20"	
500.000	397653.324	5782285.933	97°54'20"	
512.176	397665.384	5782284.259	97°54'20"	TC
513.889	397667.052	5782283.879	107°43'02"	
516.667	397669.548	5782282.680	123°37'58"	
519.444	397671.618	5782280.842	139°32'54"	
522.222	397673.106	5782278.506	155°27'50"	
525.000	397673.896	5782275.853	171°22'45"	
527.778	397673.928	5782273.084	187°17'41"	
527.814	397673.923	5782273.048	187°30'00"	CT
582.353	397666.804	5782218.976	187°29'60"	TC
583.333	397666.724	5782217.999	181°52'57"	
586.111	397667.017	5782215.246	165°58'01"	
588.889	397668.054	5782212.678	150°03'06"	
591.667	397669.755	5782210.494	134°08'10"	
594.444	397671.990	5782208.859	118°13'14"	
597.222	397674.588	5782207.900	102°18'18"	
598.061	397675.414	5782207.756	97°29'60"	CT
600.000	397677.336	5782207.503	97°29'60"	
696.793	397773.302	5782194.869	97°29'60"	TC
697.222	397773.725	5782194.804	99°57'25"	
700.000	397776.360	5782193.952	115°52'20"	
701.648	397777.777	5782193.114	125°18'59"	CT
710.201	397784.756	5782188.170	125°18'59"	

WEDGE LANE DESIGN LINE

CHAINAGE	EASTING	NORTHING	BEARING	
0.000	397763.845	5782034.882	97°30'00"	
11.002	397774.753	5782033.446	97°30'00"	TC
11.429	397775.175	5782033.381	99°53'10"	
14.286	397777.885	5782032.507	115°51'25"	
14.669	397778.227	5782032.334	118°00'00"	CT
67.001	397824.433	5782007.765	118°00'00"	TC
67.442	397824.829	5782007.571	114°18'44"	
69.452	397826.755	5782007.022	97°30'00"	CT
100.000	397857.042	5782003.035	97°30'00"	
124.770	397881.600	5781999.801	97°30'00"	TC
125.000	397881.828	5781999.777	94°43'45"	
126.923	397883.725	5782000.005	71°31'57"	
128.846	397885.378	5782000.962	48°20'09"	
130.769	397886.520	5782002.493	25°08'21"	
132.215	397886.927	5782003.874	7°42'20"	CT
200.000	397896.016	5782071.047	7°42'20"	
235.769	397900.812	5782106.494	7°42'20"	
300.000	397909.780	5782170.095	8°01'33"	
306.748	397910.722	5782176.777	8°01'33"	



LIP PROFILE SETOUT

NOTES
 1. SETOUT CO-ORDINATES REFER TO LIP OF KERB/EDGE OF CONCRETE.
 2. REFER TO SHEET No 1520-02-06 & 1520-02-07 FOR LIP PROFILES.

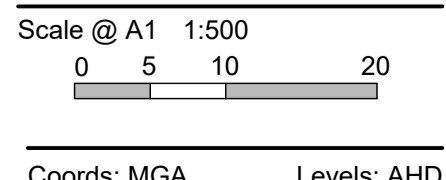
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 M.Warry
 Authorised
 K.Taylor
 Date
 May 2020



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DROUIN GOLF CLUB
 STAGE 2
 BAW BAW SHIRE COUNCIL - PLA0133/18
 ROADWORKS AND DRAINAGE
 SETOUT INFORMATION - 1

Drawing No. 1520-02-08
 Sheet No. 08 of 35
Rev 2

ISSUED FOR CONSTRUCTION

ALIGNMENT A

POINT NO	EASTING	NORTHING	RL
A1	397760.550	5782035.519	98.250
A2	397753.468	5782045.120	98.016
A3	397748.881	5782046.691	97.870
A4	397748.004	5782047.158	97.841

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
A1 - A2	87.829	8.600	13.183	2.405	1.781	3.216	2.749	3.296	98.202
A2 - A3	18.176	15.350	4.870	0.193	0.144	1.216	1.208	1.217	97.942

ALIGNMENT B

POINT NO	EASTING	NORTHING	RL
B1	397751.149	5782053.074	97.841
B2	397763.713	5782059.544	98.405

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
B1 - B2	110.500	8.600	16.586	3.698	2.718	3.988	3.078	4.146	98.173

ALIGNMENT C

POINT NO	EASTING	NORTHING	RL
C1	397525.370	5782189.759	96.378
C2	397524.797	5782185.404	96.306
C3	397528.894	5782176.910	96.239
C4	397532.659	5782174.647	96.217

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
C2 - C3	66.500	8.600	9.982	1.408	1.048	2.461	2.255	2.495	96.262

ALIGNMENT D

POINT NO	EASTING	NORTHING	RL
D1	397532.013	5782188.884	96.378
D2	397536.110	5782180.390	96.217

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
D1 - D2	66.500	8.600	9.982	1.408	1.048	2.461	2.255	2.495	96.279

ALIGNMENT E

POINT NO	EASTING	NORTHING	RL
E1	397554.880	5782296.221	101.656
E2	397545.171	5782288.825	101.377

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
E1 - E2	90.406	8.600	13.570	2.540	1.880	3.305	2.797	3.392	101.550

ALIGNMENT F

POINT NO	EASTING	NORTHING	RL
F1	397555.801	5782302.857	101.656
F2	397549.118	5782303.786	101.623
F3	397539.409	5782296.390	101.509
F4	397538.528	5782289.700	101.377

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
F2 - F3	90.406	8.600	13.570	2.540	1.880	3.305	2.797	3.392	101.583

ALIGNMENT G

POINT NO	EASTING	NORTHING	RL
G1	397663.927	5782287.843	100.878
G2	397670.517	5782286.928	100.759
G3	397677.860	5782277.287	100.522
G4	397676.992	5782270.691	100.323

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
G2 - G3	89.594	8.600	13.448	2.497	1.849	3.277	2.783	3.362	100.654

ALIGNMENT H

POINT NO	EASTING	NORTHING	RL
H1	397670.349	5782271.566	100.323
H2	397663.006	5782281.207	100.878

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
H1 - H2	89.594	8.600	13.448	2.497	1.849	3.277	2.783	3.362	100.628

ALIGNMENT I

POINT NO	EASTING	NORTHING	RL
I1	397663.738	5782221.346	98.606
I2	397662.863	5782214.704	98.484
I3	397670.267	5782205.055	98.405
I4	397676.910	5782204.180	98.375

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
I2 - I3	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	98.429

ALIGNMENT J

POINT NO	EASTING	NORTHING	RL
J1	397670.380	5782220.472	98.606
J2	397677.784	5782210.823	98.375

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
J1 - J2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	98.459

ALIGNMENT K

POINT NO	EASTING	NORTHING	RL
K1	397779.829	5782181.956	99.210
K2	397772.425	5782191.605	99.281

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
K1 - K2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	99.262

ALIGNMENT L

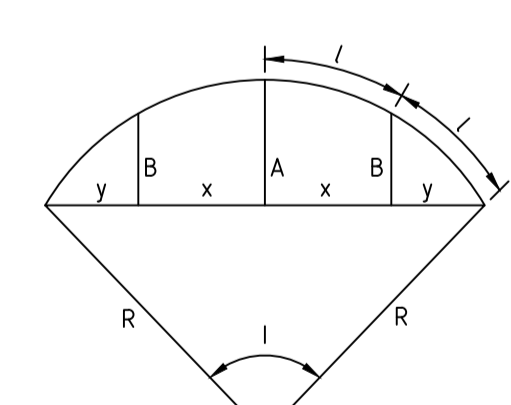
POINT NO	EASTING	NORTHING	RL
L1	397796.120	5782188.486	99.553
L2	397786.472	5782181.082	99.210

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
L1 - L2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	99.373

ALIGNMENT M

POINT NO	EASTING	NORTHING	RL
M1	397773.299	5782198.248	99.281
M2	397776.329	5782197.253	99.273
M3	397787.168	5782195.826	99.378
M4	397790.352	5782196.003	99.431
M5	397796.995	5782195.128	99.553

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
M1 - M2	21.371	8.600	3.208	0.149	0.112	0.801	0.794	0.802	99.275
M2 - M3	42.742	15.000	11.190	1.031	0.771	2.781	2.685	2.797	99.301
M3 - M4	21.371	8.600	3.208	0.149	0.112	0.801	0.794	0.802	99.404



LIP PROFILE SETOUT

NOTES
 1. SETOUT CO-ORDINATES REFER TO LIP OF KERB/EDGE OF CONCRETE.
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REVISION	DATE	DESIGN	APPD
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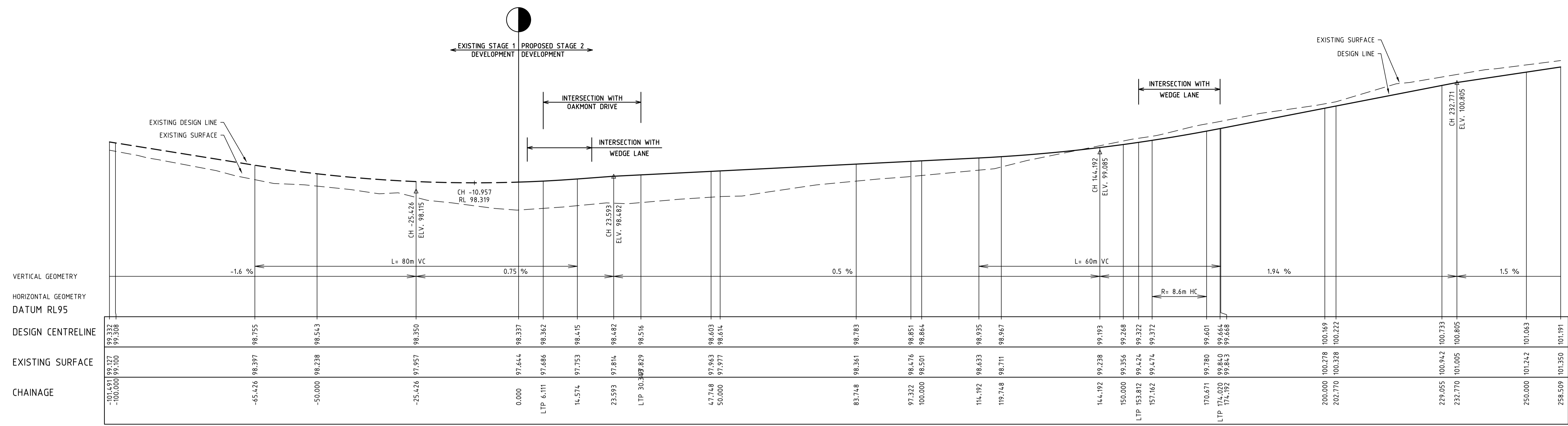
DROUIN GOLF CLUB
 STAGE 2
 BAW BAW SHIRE COUNCIL - PLA0133/18
 ROADWORKS AND DRAINAGE
 SETOUT INFORMATION - 2

Drawing No. 1520-02-09 **Rev 2**

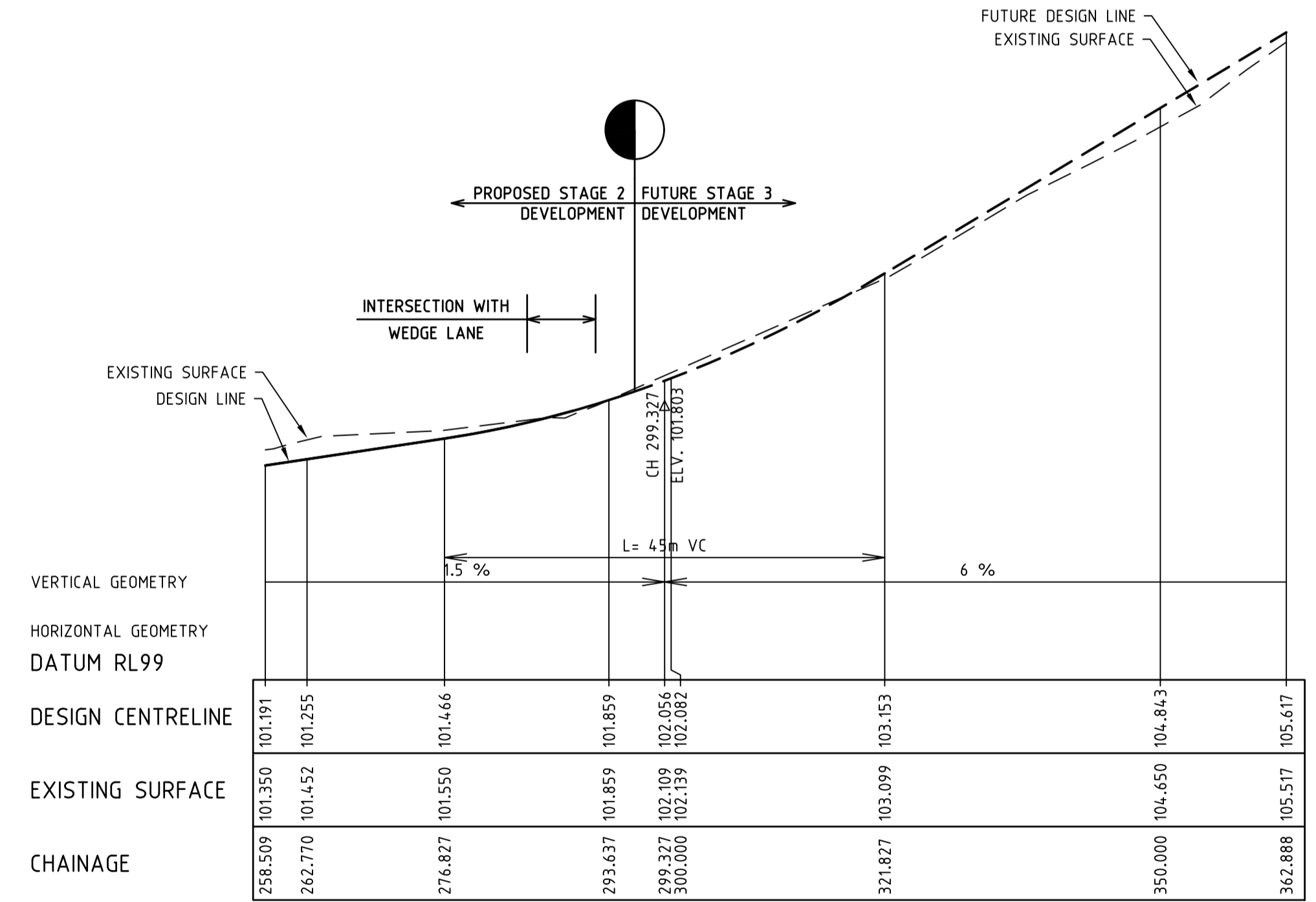
Sheet No. 09 of 35

ISSUED FOR CONSTRUCTION

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



ROYAL PINES DRIVE LONGITUDINAL SECTION



ROYAL PINES DRIVE LONGITUDINAL SECTION

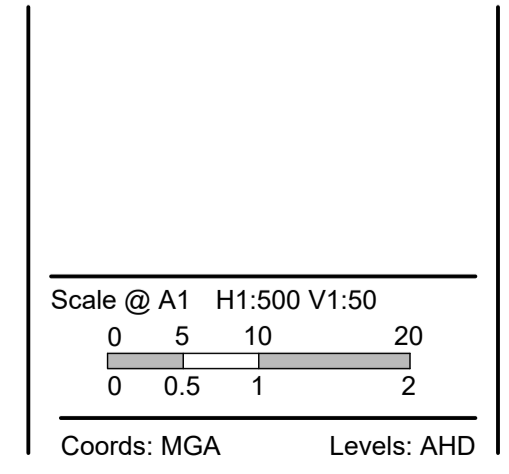
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DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
LONGITUDINAL SECTIONS - 1

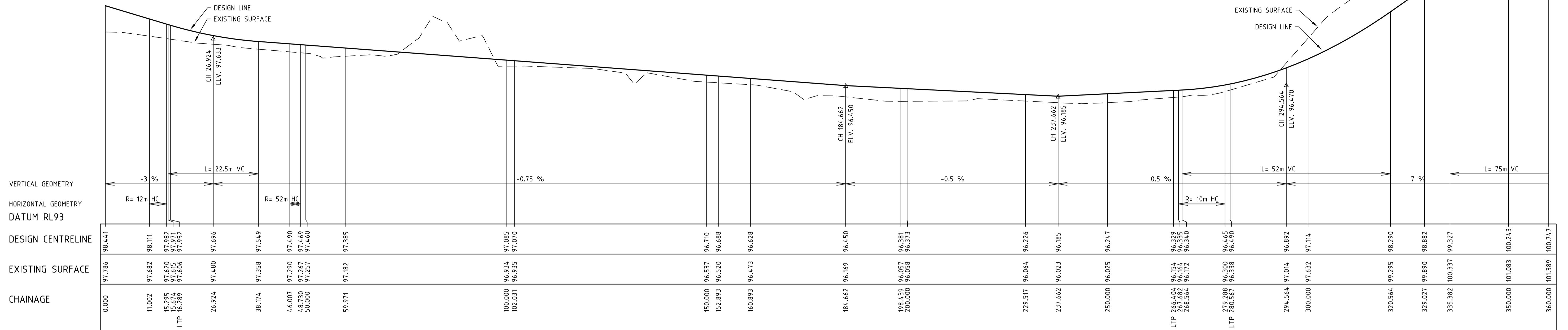
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Sheet No. 10 of 35

Rev 2

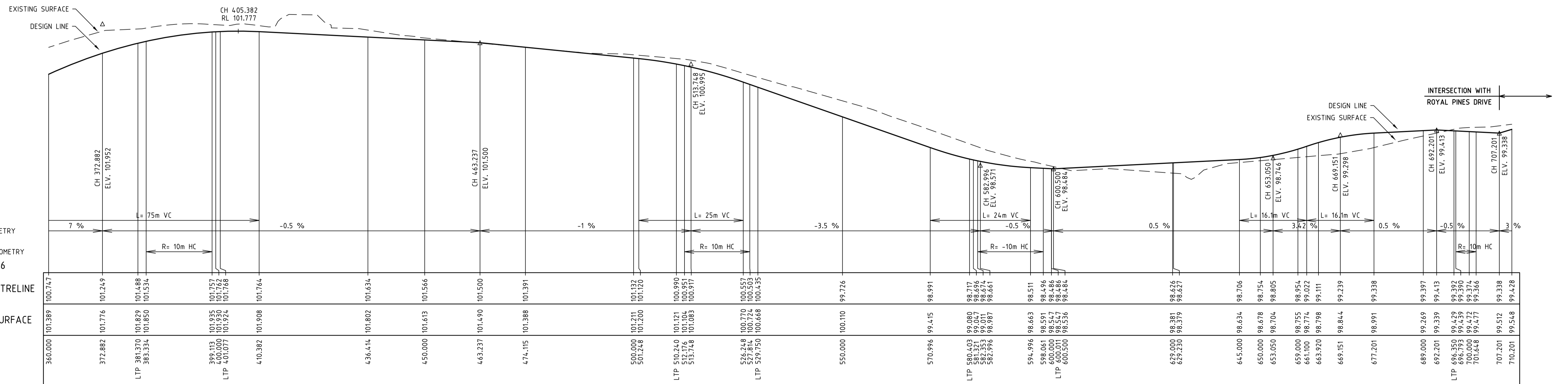
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—	EXISTING SURFACE
—	DESIGN LINE
- - -	FUTURE DESIGN LINE

INTERSECTION WITH ROYAL PINES DRIVE



OAKMONT DRIVE LONGITUDINAL SECTION



OAKMONT DRIVE LONGITUDINAL SECTION

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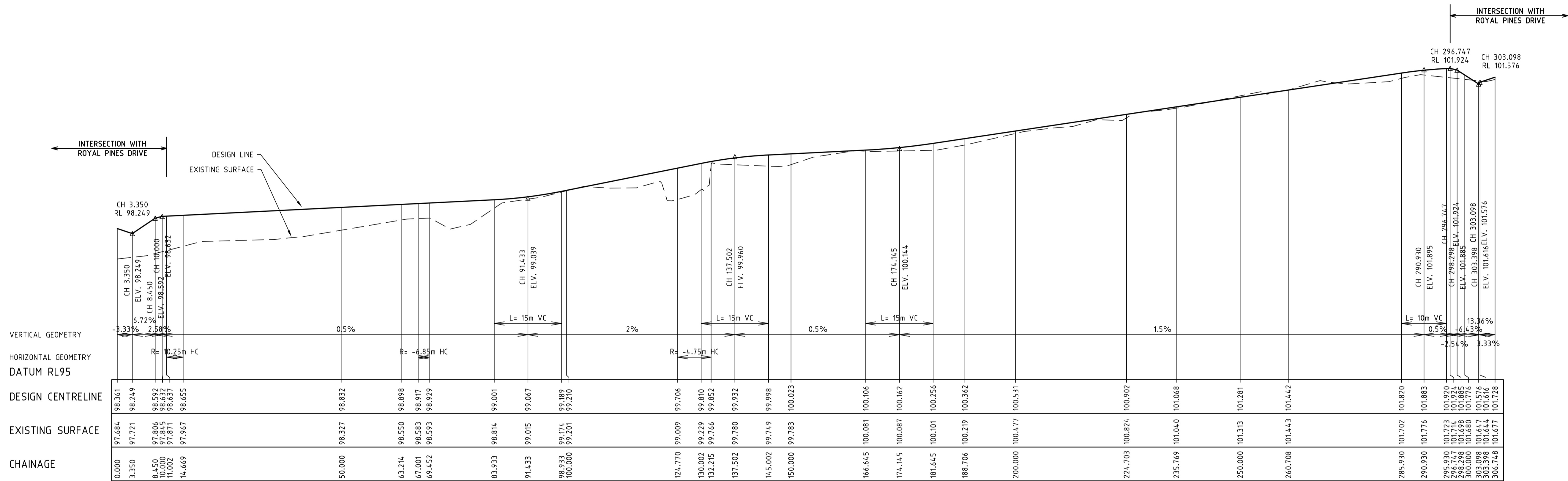
DROUIN GOLF CLUB
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ROADWORKS AND DRAINAGE
LONGITUDINAL SECTIONS - 2

Drawing No. 1520-02-11
Sheet No. 11 of 35

Rev 2

ISSUED FOR CONSTRUCTION

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



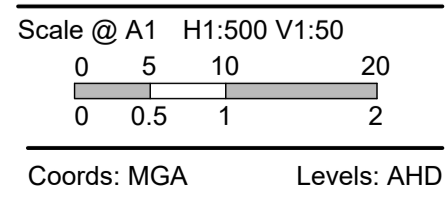
WEDGE LANE LONGITUDINAL SECTION

REVISION	DATE	DES/DF	APPD
2	23.06.21	AC/AC	KT
1	11/05/21	AC/AC	KT
0	08/04/21	NG/NG	KT
B	08/02/21	NG/AC	KT
A	09/12/20	NG/AC	KT



Principal
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9 Burke Street
Warragul, VIC, 3820

Designed
N.Green
Drawn
A.Cantwell
Checked
M.Warry
Authorised
K.Taylor
Date
May 2020



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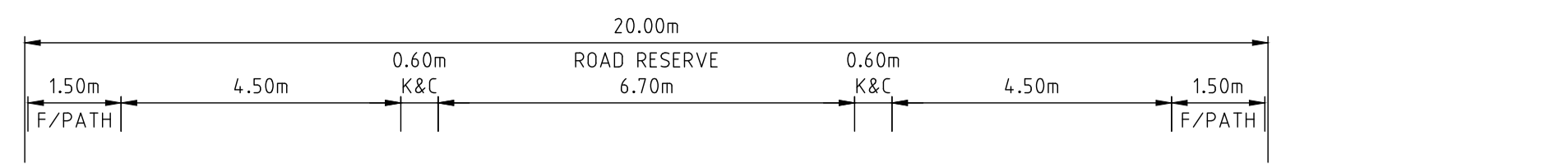
DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
LONGITUDINAL SECTIONS - 3

Drawing No. 1520-02-12
Sheet No. 12 of 35

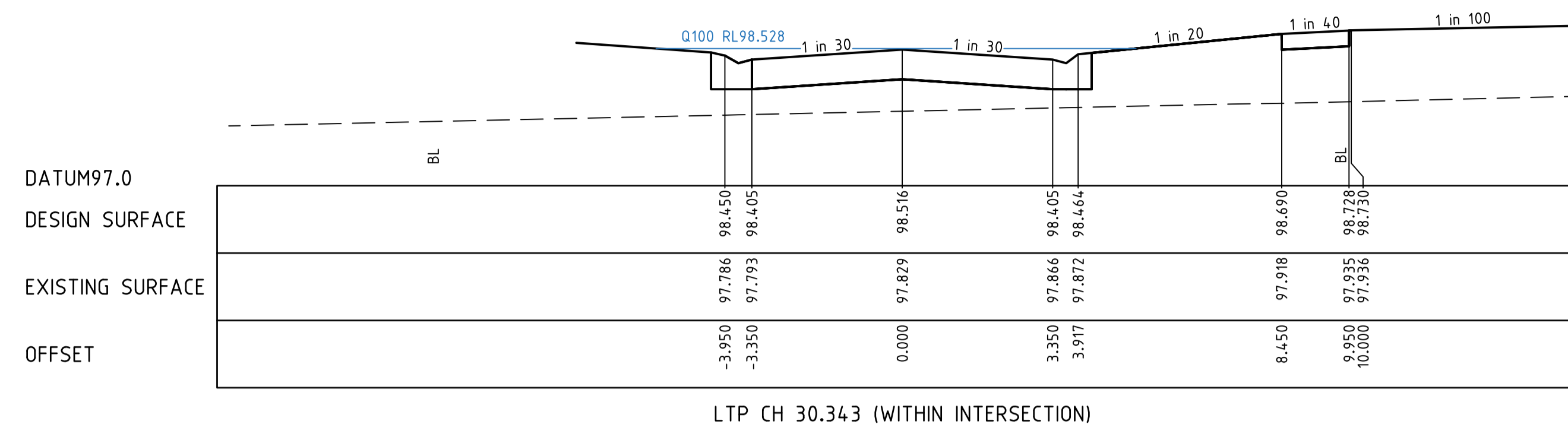
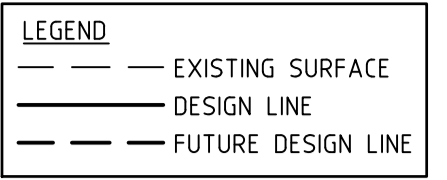
Rev 2

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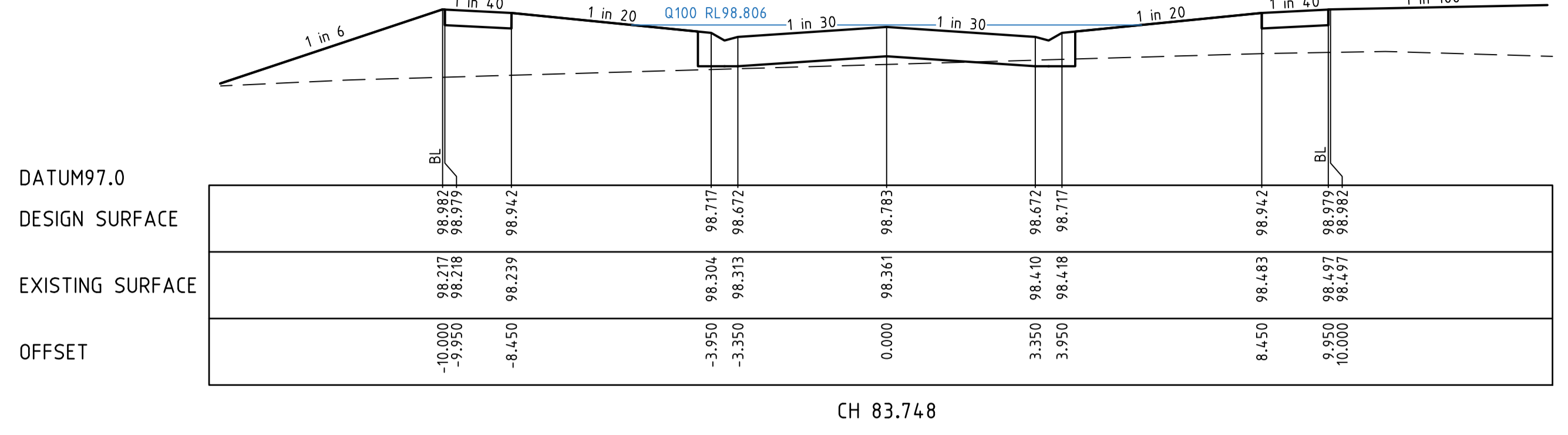
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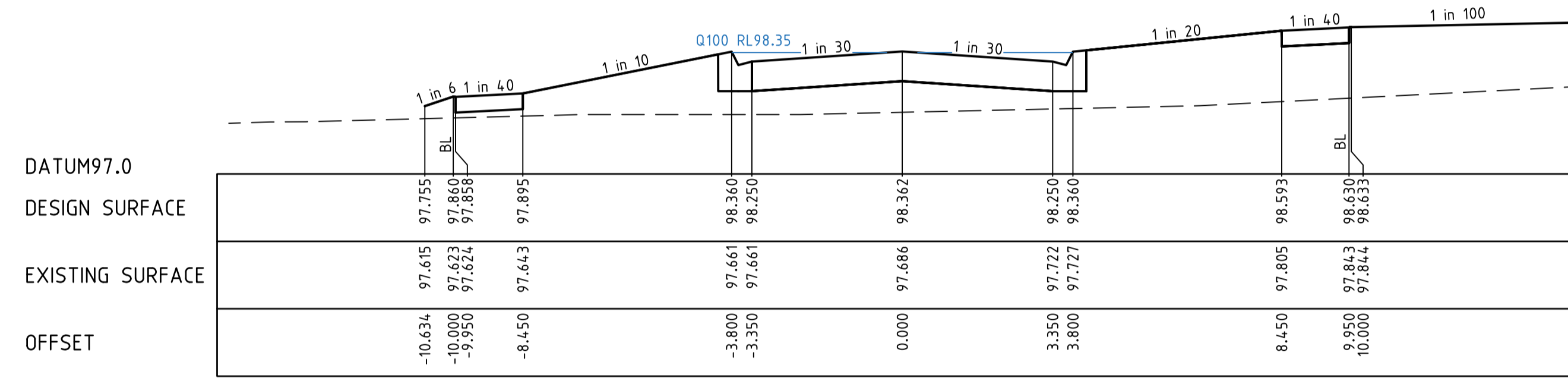
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



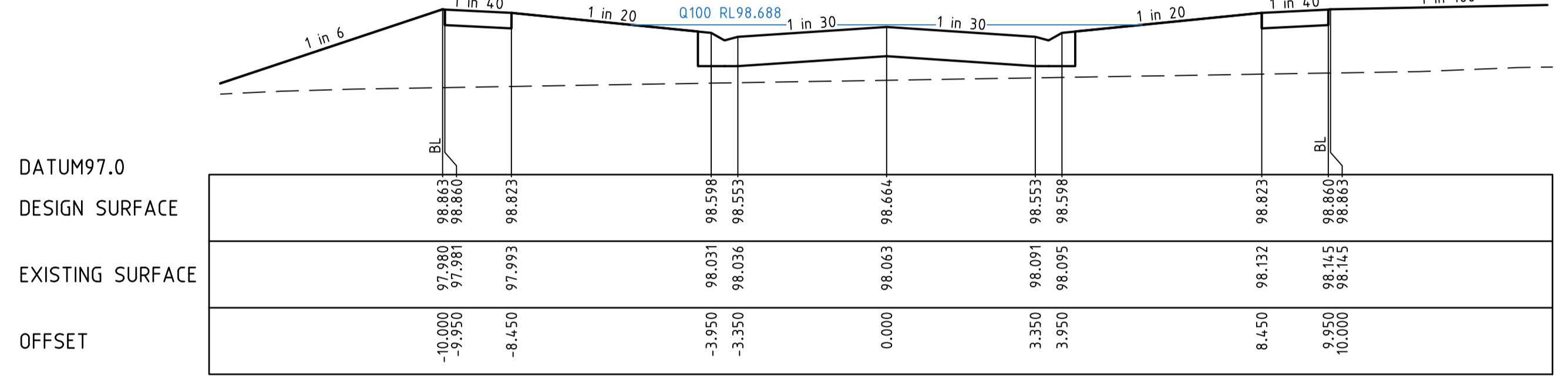
LTP CH 30.343 (WITHIN INTERSECTION)



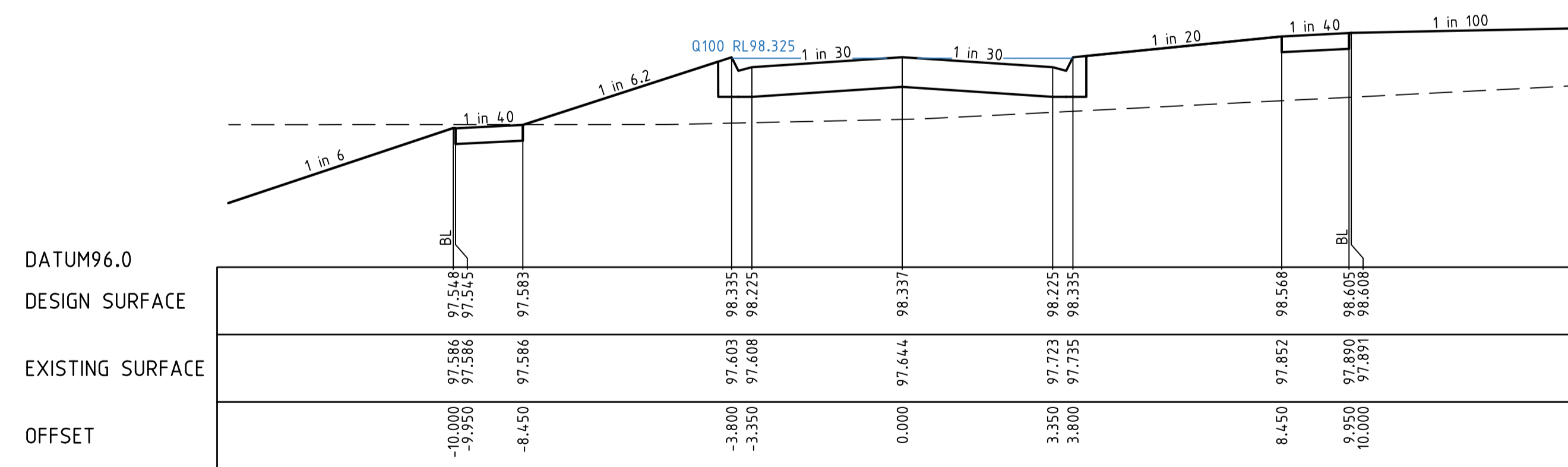
CH 83.748



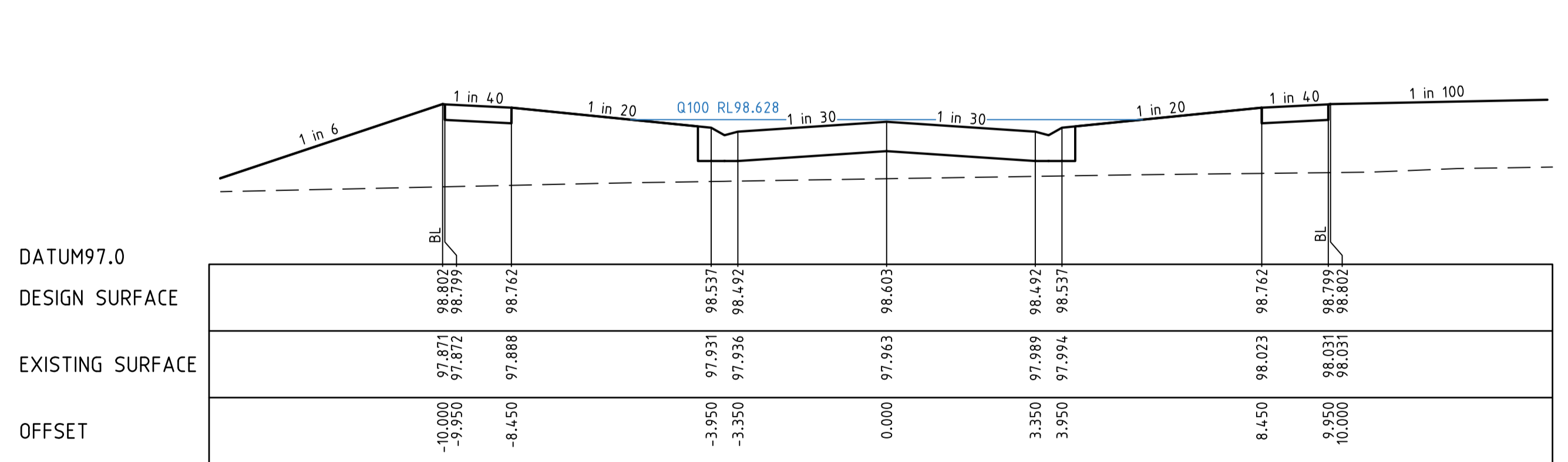
LTP CH 6.111



CH 60.000



CH 0.000 (LIMIT OF WORKS)



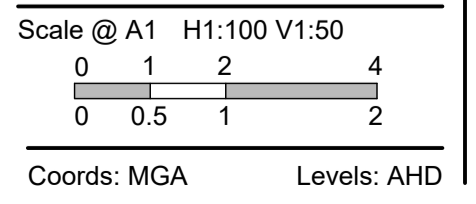
CH 47.748

REVISION	DATE	DES/DFT	APPD
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DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
CROSS SECTIONS - ROYAL PINES DRIVE
CH0.000 - CH83.748
Drawing No. 1520-02-13
Sheet No. 13 of 35

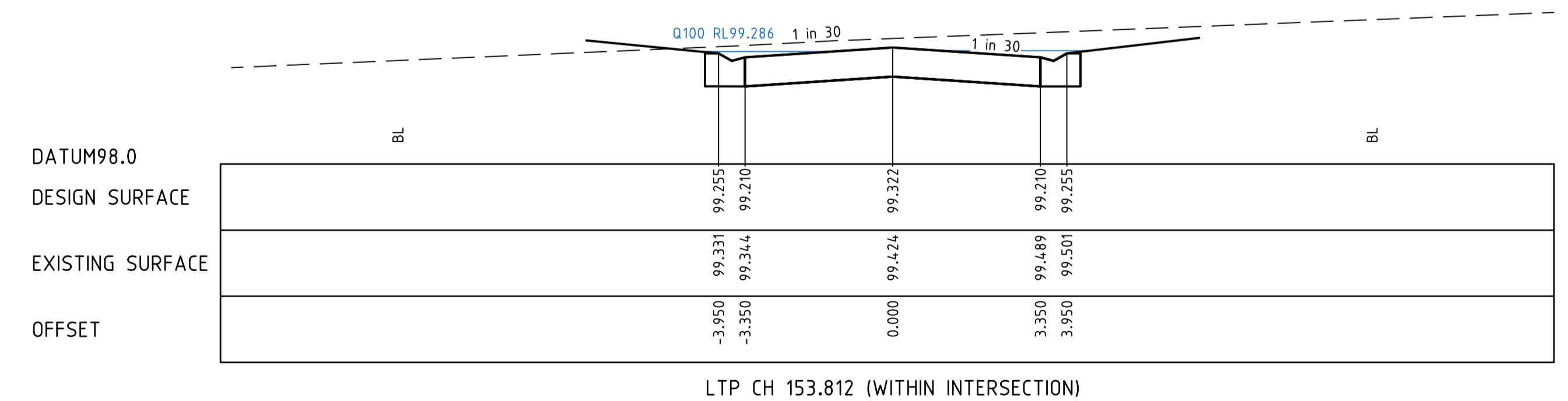
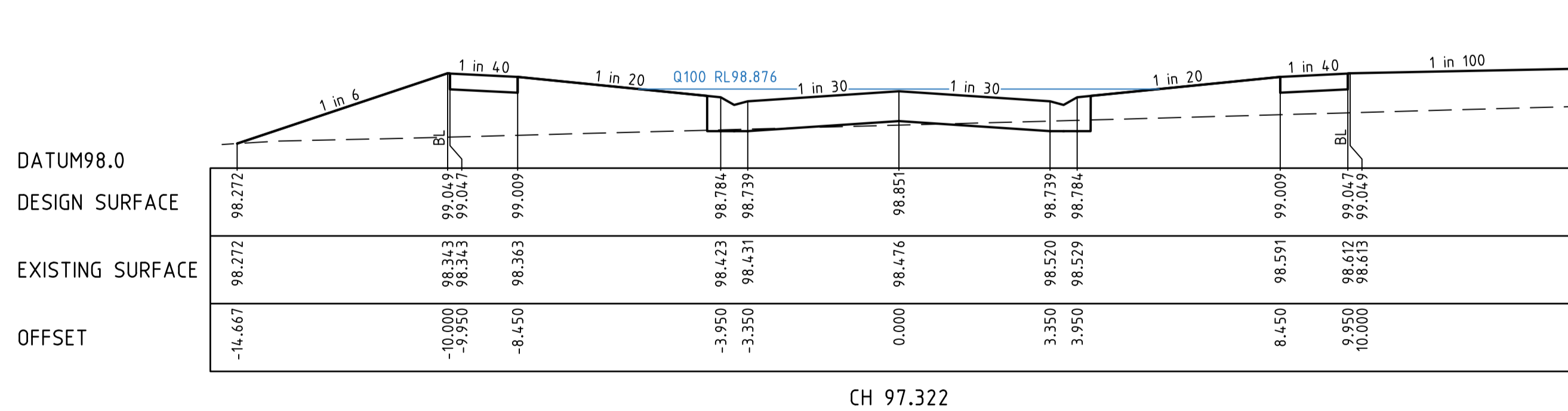
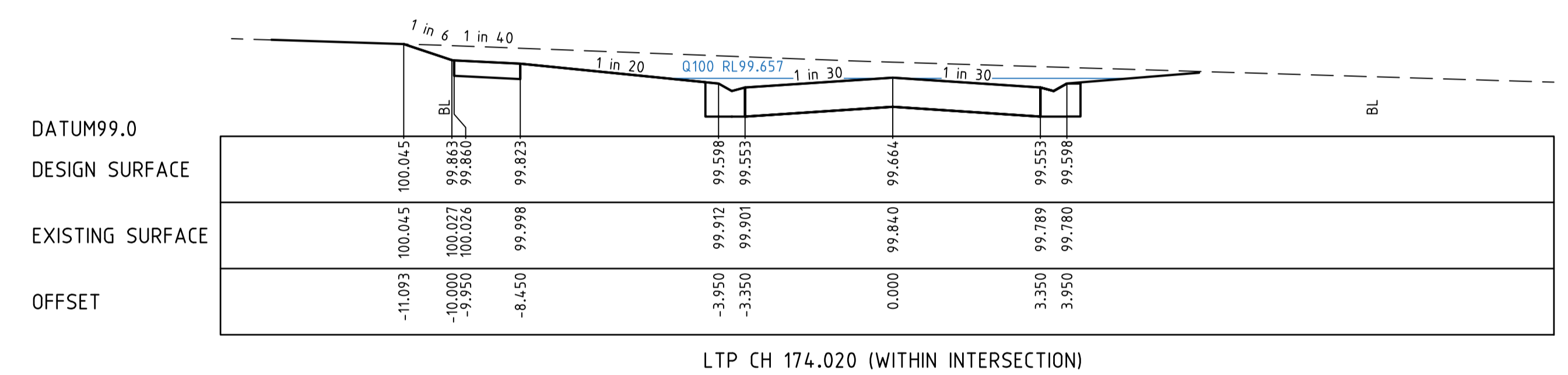
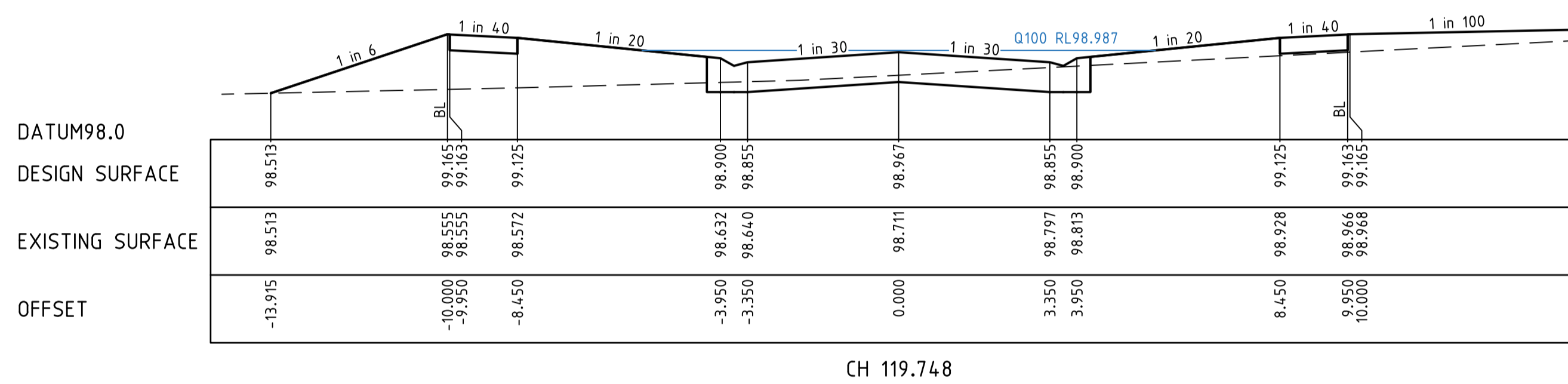
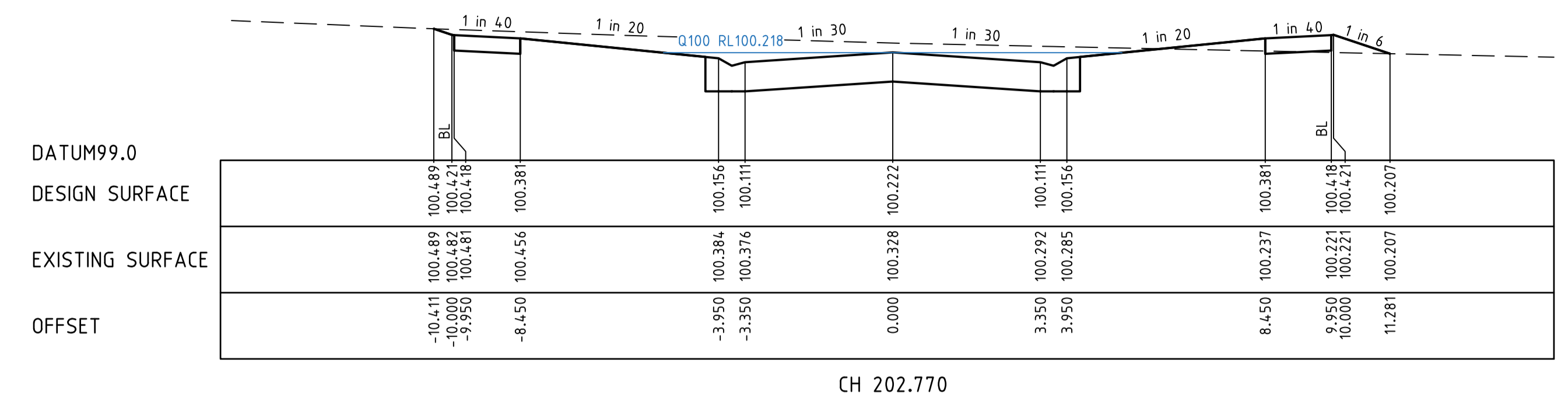
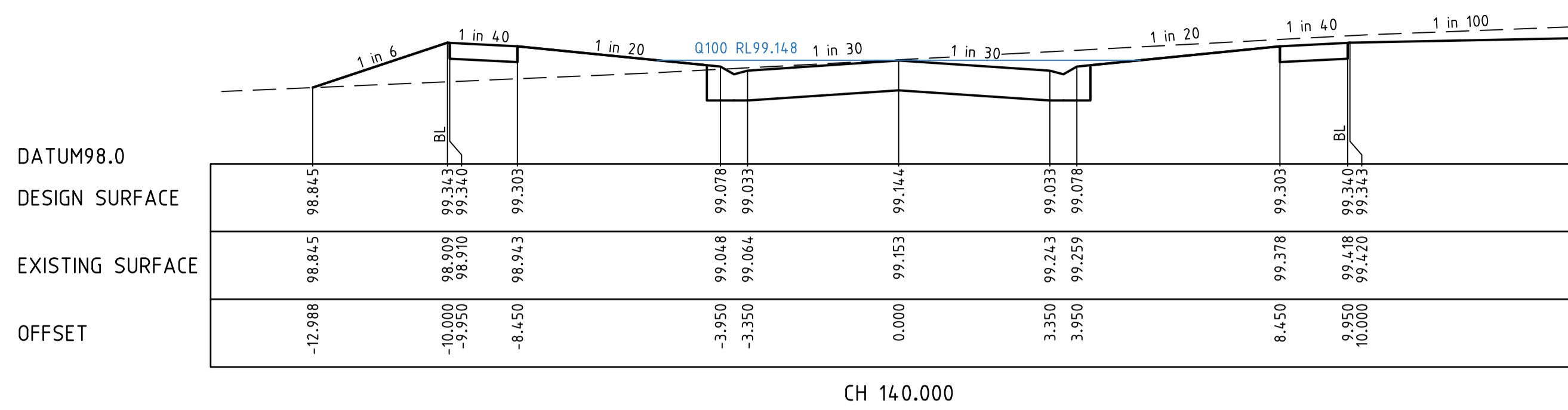
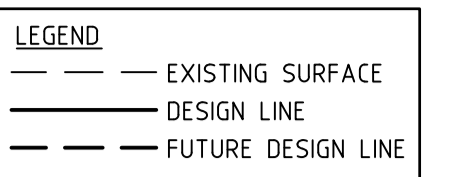
Rev 2

ISSUED FOR CONSTRUCTION

I:\work\1520 - drouin golf club\1520-02\wggl\1520-02-13



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

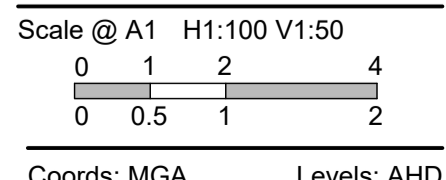


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DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
CROSS SECTIONS - ROYAL PINES DRIVE
CH97.322 - CH202.770

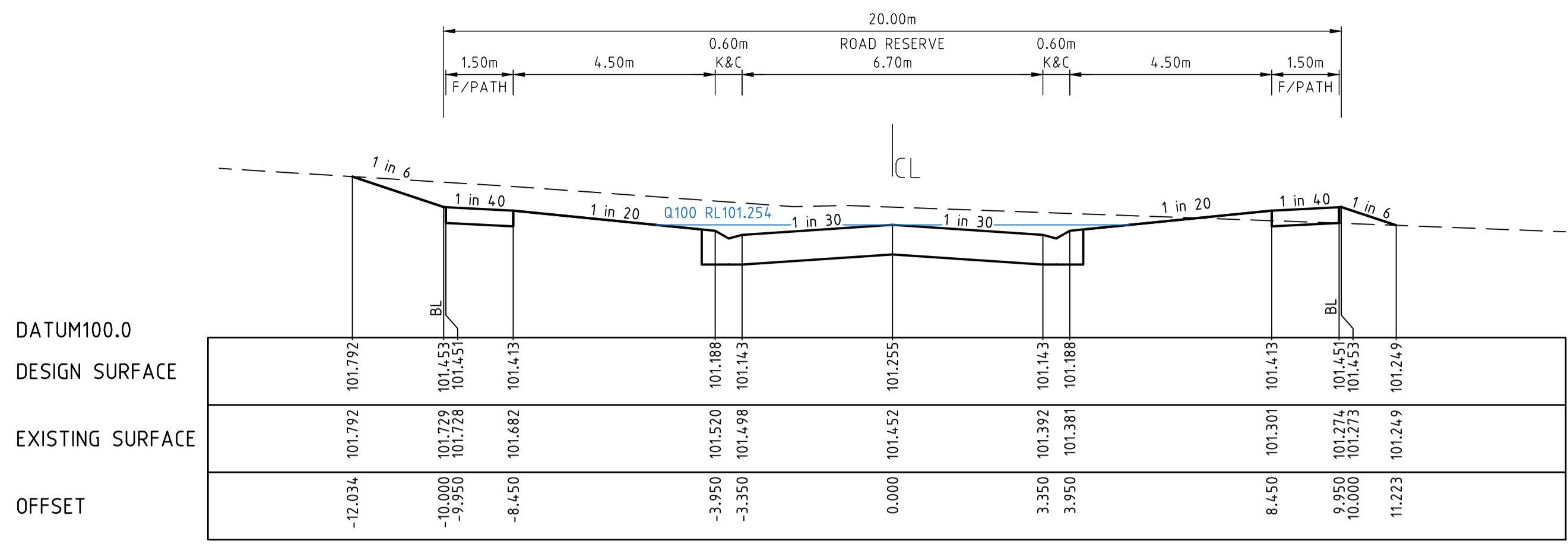
Drawing No. 1520-02-14
Sheet No. 14 of 35

Rev 2

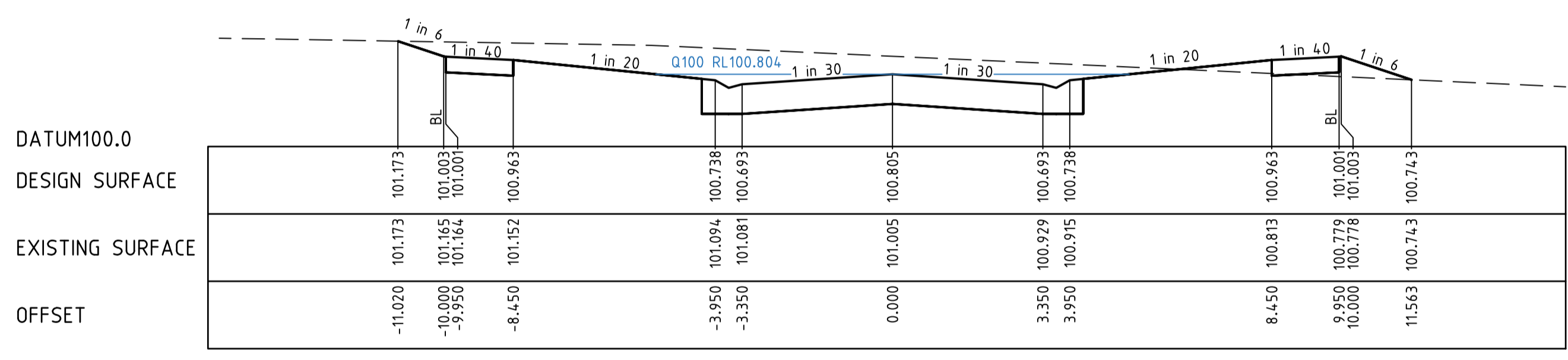
ISSUED FOR CONSTRUCTION

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

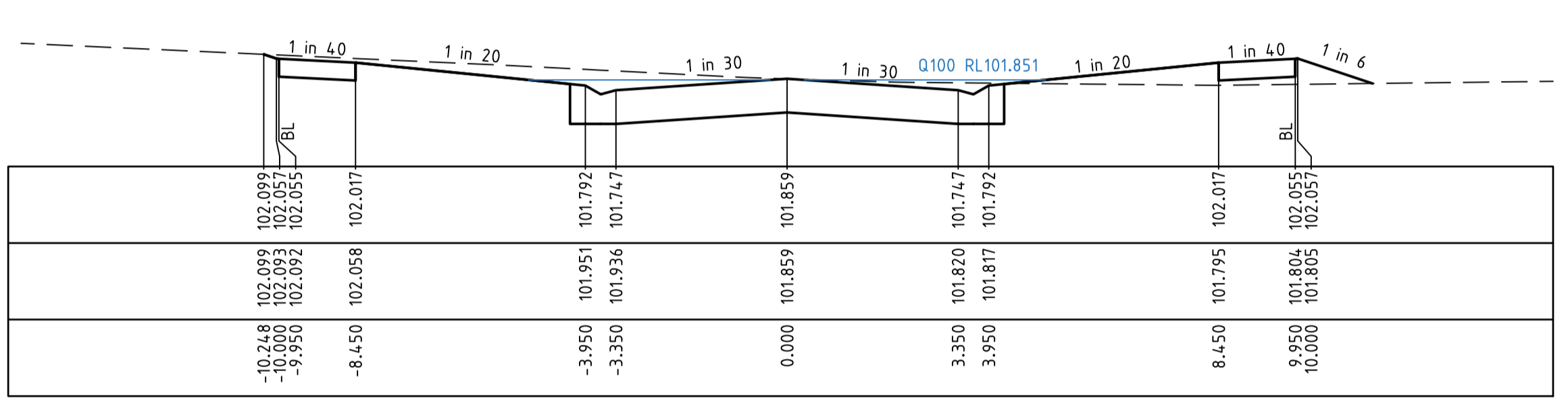
---	EXISTING SURFACE
---	DESIGN LINE
---	FUTURE DESIGN LINE



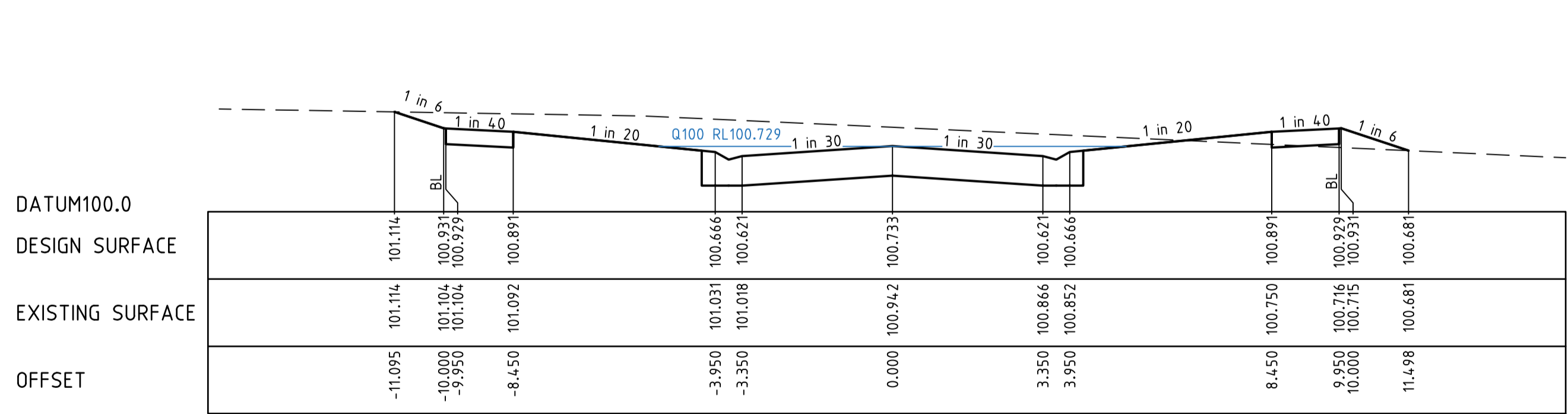
CH 262.770



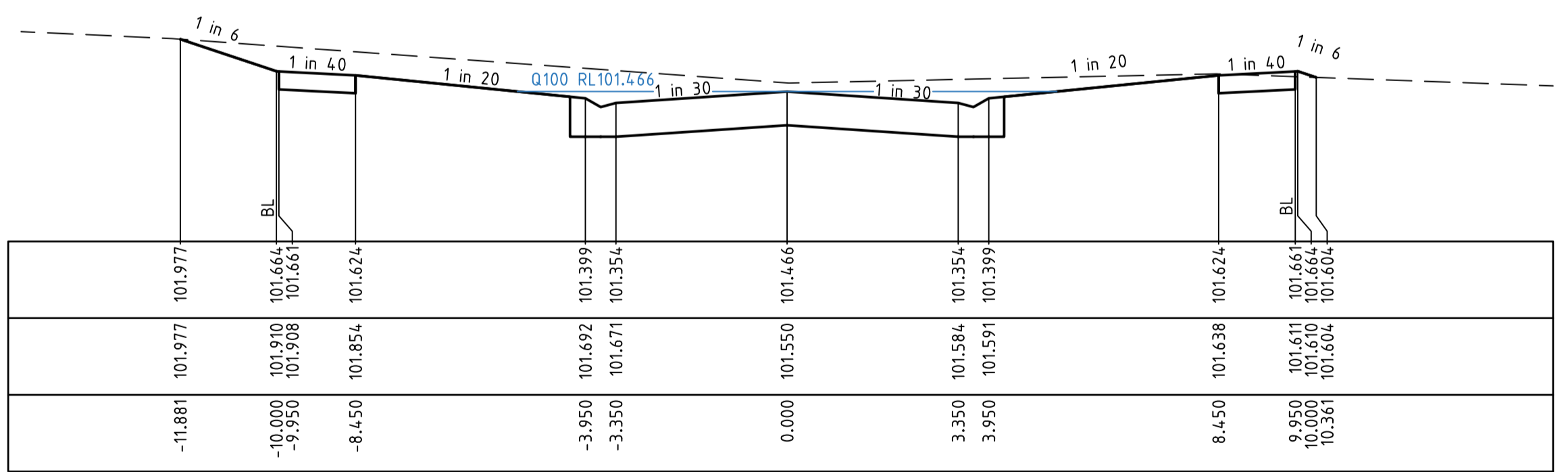
CH 232.770



CH 293.637 (LIMIT OF WORKS)



CH 229.055



CH 276.827

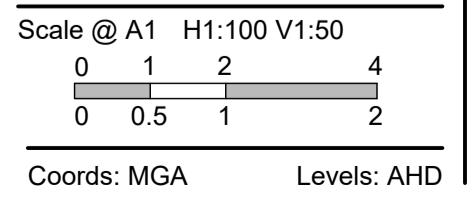
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DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
CROSS SECTIONS - ROYAL PINES DRIVE
CH229.055 - CH293.637

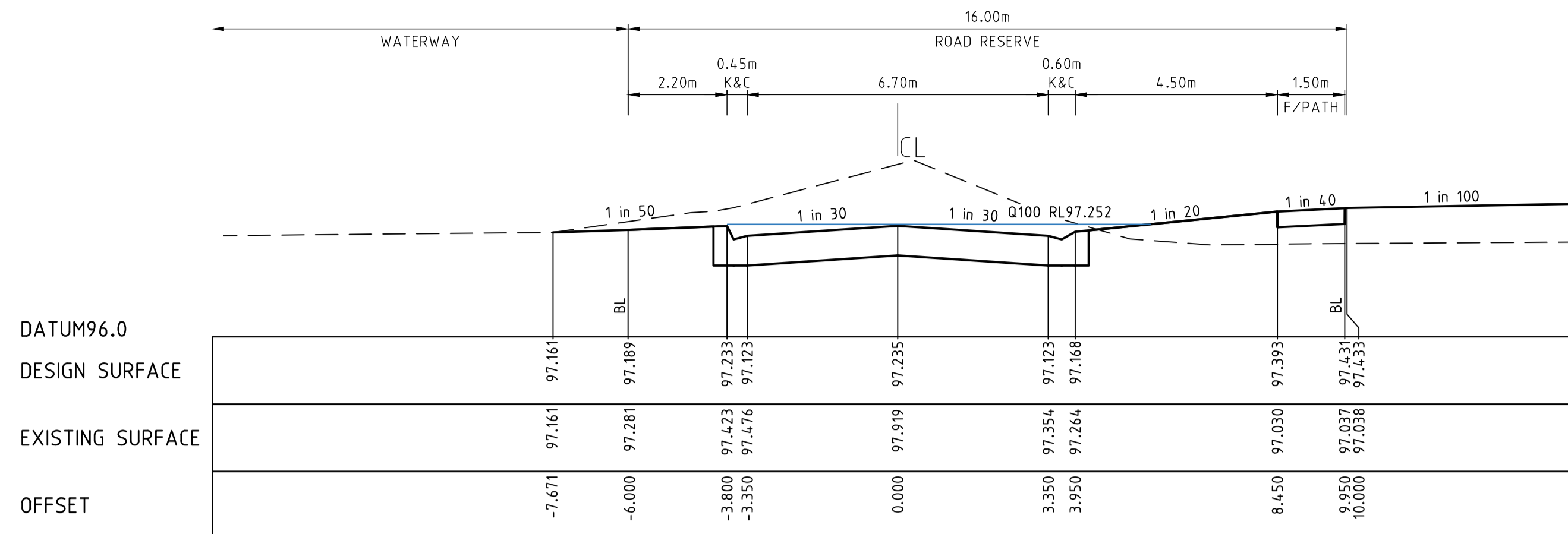
Drawing No. 1520-02-15
Sheet No. 15 of 35

Rev 2

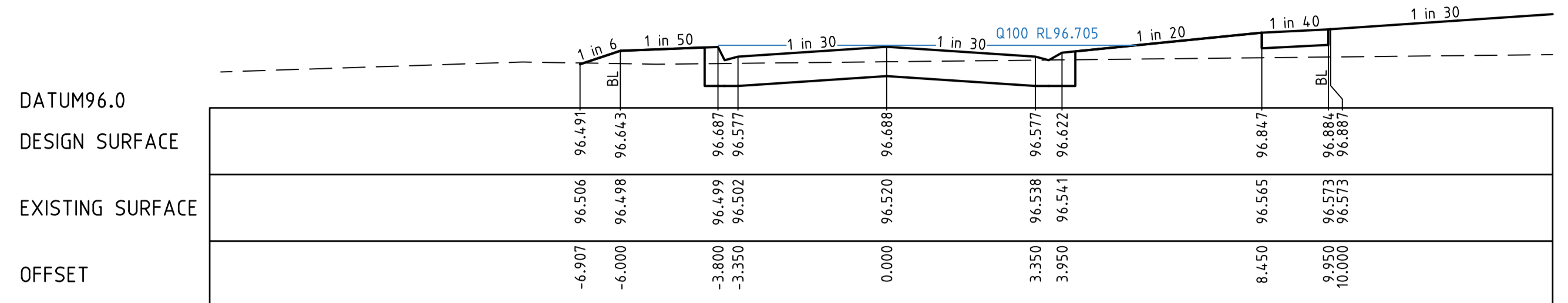
ISSUED FOR CONSTRUCTION

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

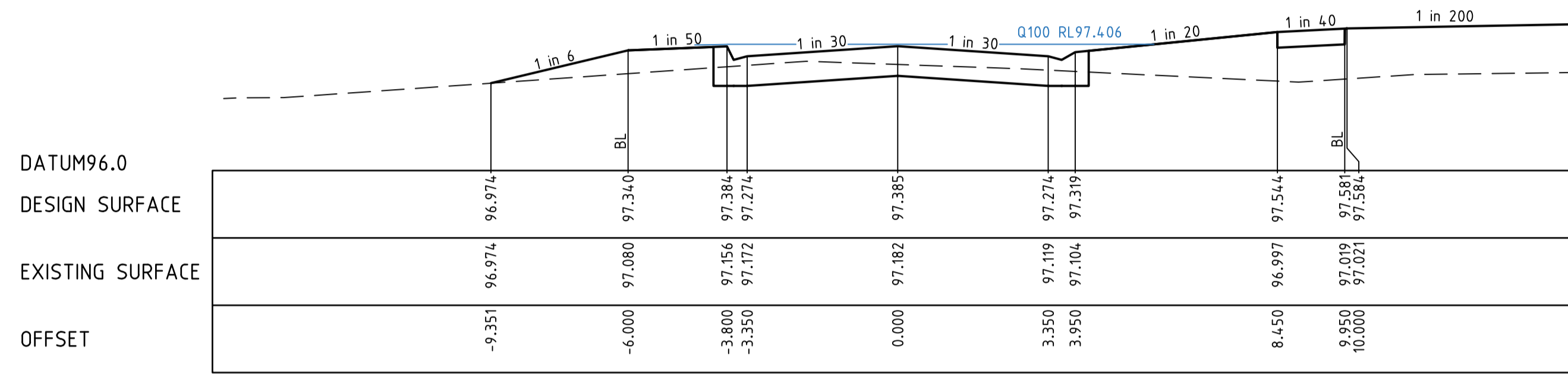
LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE



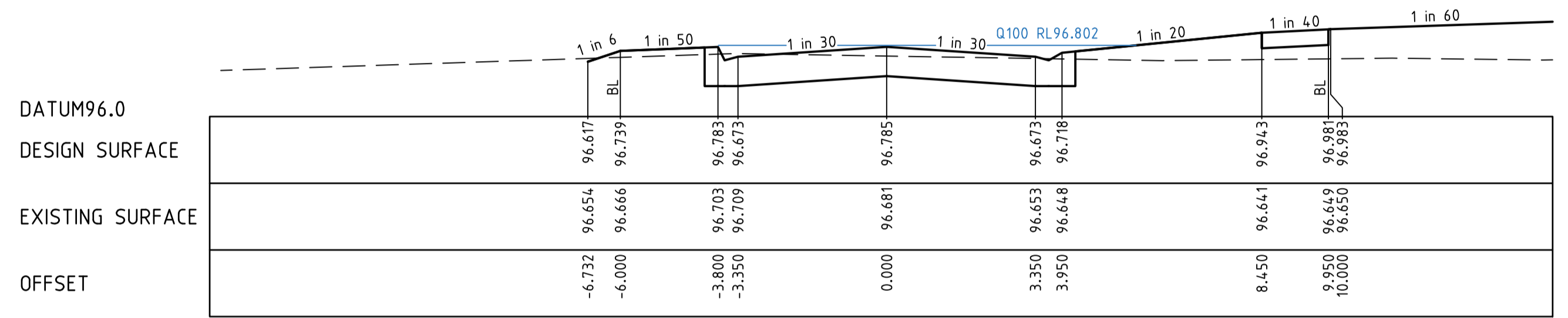
CH 80.000



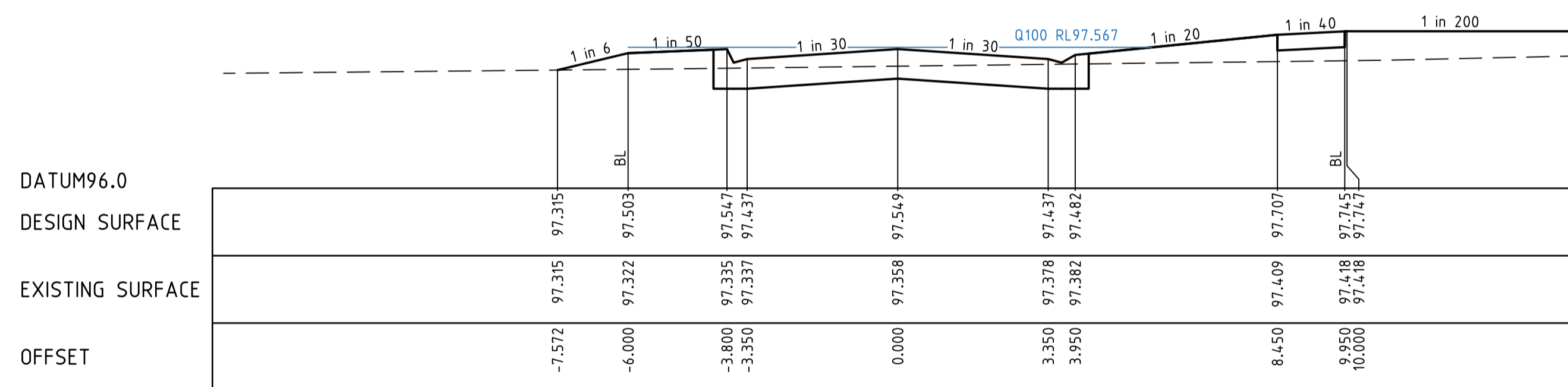
CH 152.893



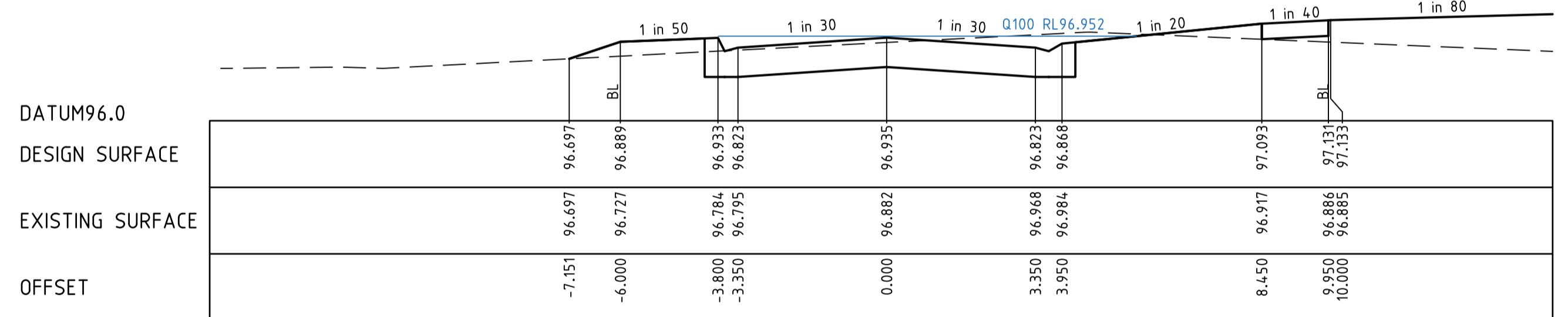
CH 59.971



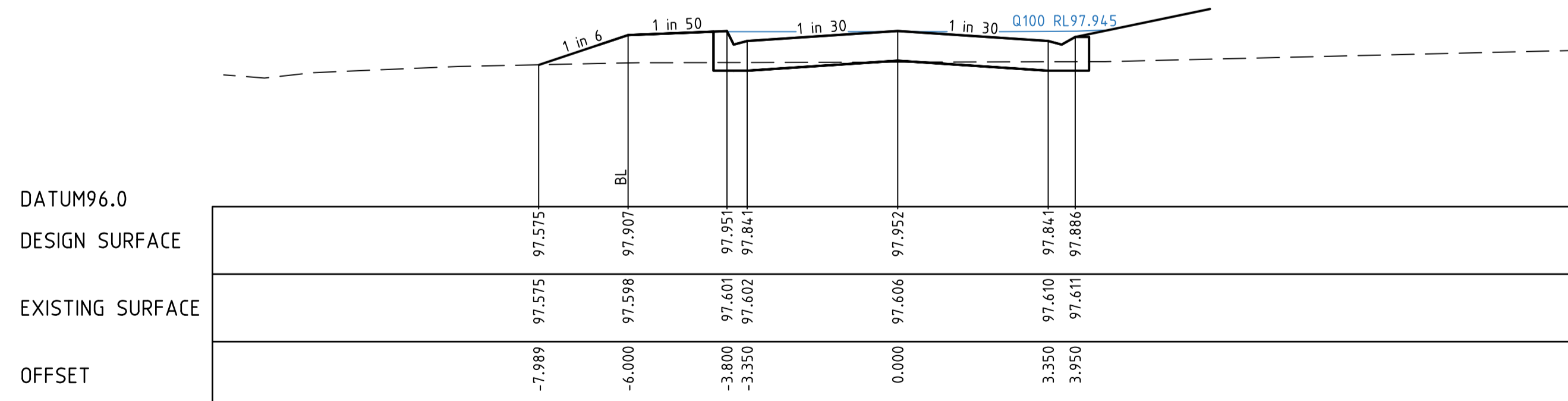
CH 140.000



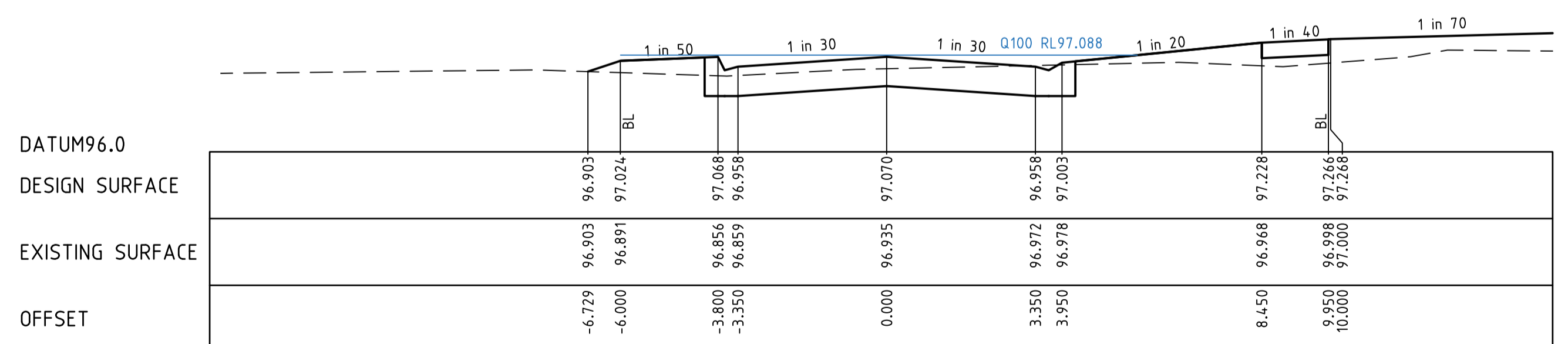
CH 38.174



CH 120.000



LTP CH 16.289 (WITHIN INTERSECTION)



CH 102.031

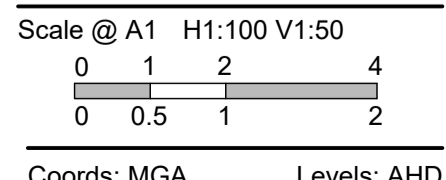
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REVISION	DATE	DES/DF	APPD
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DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
CROSS SECTIONS - OAKMONT DRIVE
CH16.289 - CH152.893

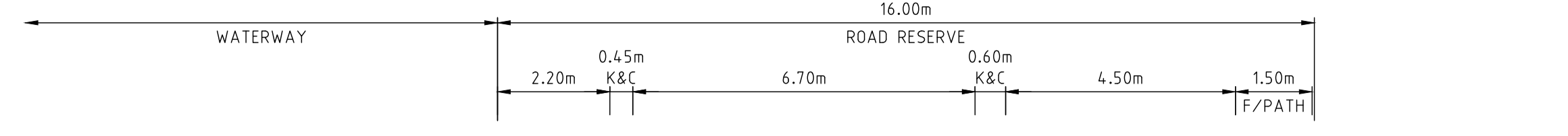
Drawing No. 1520-02-16
Sheet No. 16 of 35

Rev 2

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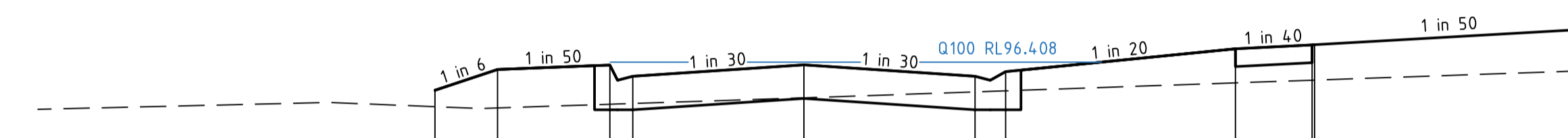
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE

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



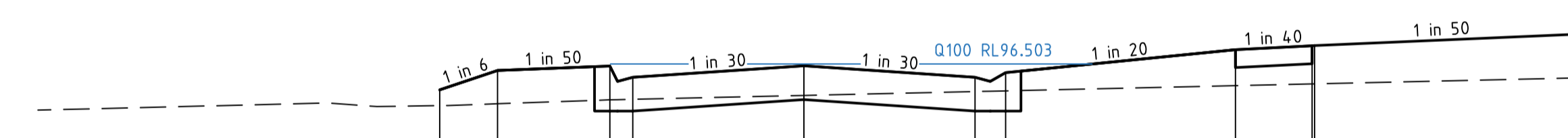
DATUM95.0										
DESIGN SURFACE										
EXISTING SURFACE	95.959	95.966	95.979	95.982	96.064	96.114	96.159	96.270	96.422	96.424
OFFSET	-7.330	-6.000	-3.800	-3.350	0.000	3.350	3.950	8.450	9.950	10.000

CH 229.517



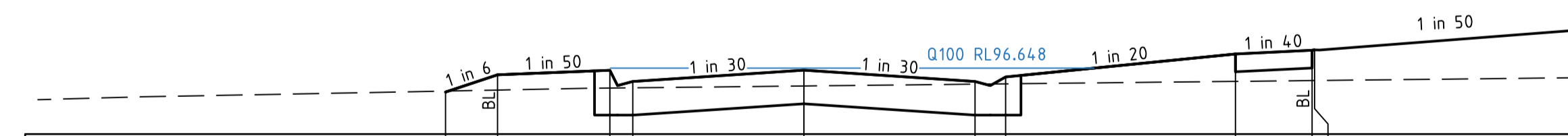
DATUM95.0										
DESIGN SURFACE										
EXISTING SURFACE	95.970	95.958	95.994	96.002	96.057	96.270	96.315	96.510	96.577	96.580
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CH 198.439



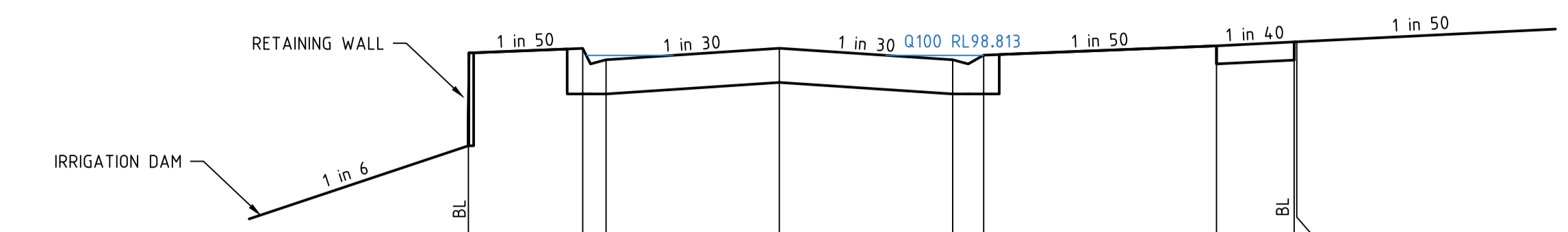
DATUM95.0										
DESIGN SURFACE										
EXISTING SURFACE	96.096	96.115	96.153	96.158	96.196	96.234	96.240	96.291	96.308	96.309
OFFSET	-7.130	-6.000	-3.800	-3.350	0.000	3.350	3.950	8.450	9.950	10.000

CH 180.000



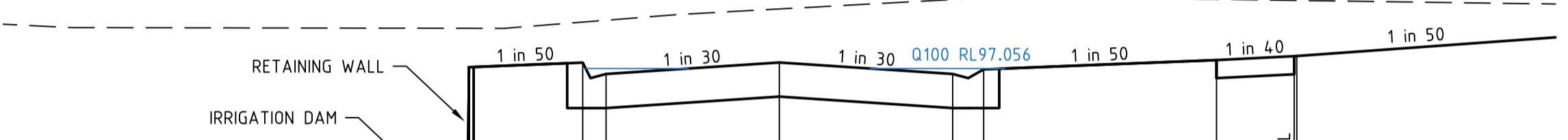
DATUM96.0										
DESIGN SURFACE										
EXISTING SURFACE	96.423	96.433	96.452	96.455	96.473	96.491	96.494	96.518	96.524	96.527
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CH 160.893



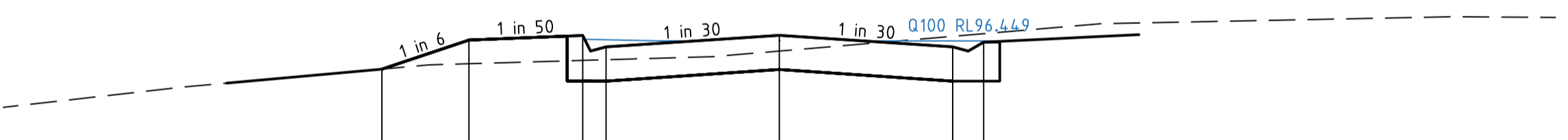
DATUM97.0										
DESIGN SURFACE										
EXISTING SURFACE	99.867	99.876	99.877	99.882	99.890	99.903	99.905	99.923	99.928	99.929
OFFSET	-6.009	-3.800	-3.350	0.000	3.350	3.950	8.450	9.950	10.000	

CH 329.027



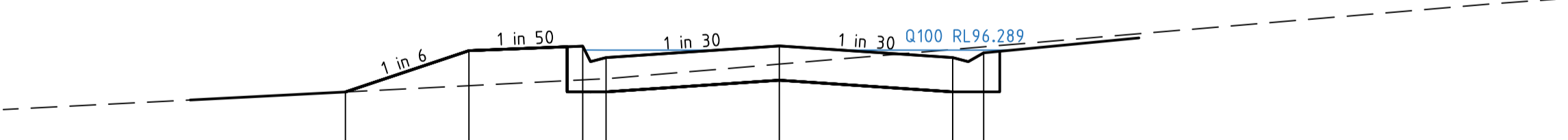
DATUM96.0										
DESIGN SURFACE										
EXISTING SURFACE	97.445	97.505	97.523	97.632	97.724	97.740	97.726	97.726	97.715	97.715
OFFSET	-6.009	-3.800	-3.350	0.000	3.350	3.950	8.450	9.950	10.000	

CH 300.000



DATUM95.0										
DESIGN SURFACE										
EXISTING SURFACE	96.164	96.216	96.247	96.338	96.480	96.480	96.480	96.480	96.480	96.480
OFFSET	-7.682	-6.000	-3.800	0.000	3.350	3.950	8.450	9.950	10.000	

LTP CH 280.567 (WITHIN CORNER)



DATUM95.0										
DESIGN SURFACE										
EXISTING SURFACE	95.885	95.946	96.002	96.154	96.295	96.317	96.320	96.320	96.320	96.320
OFFSET	-8.387	-6.000	-3.800	0.000	3.350	3.950	8.450	9.950	10.000	

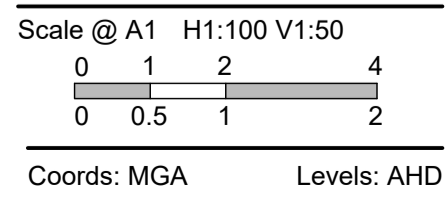
LTP CH 266.406 (WITHIN CORNER)

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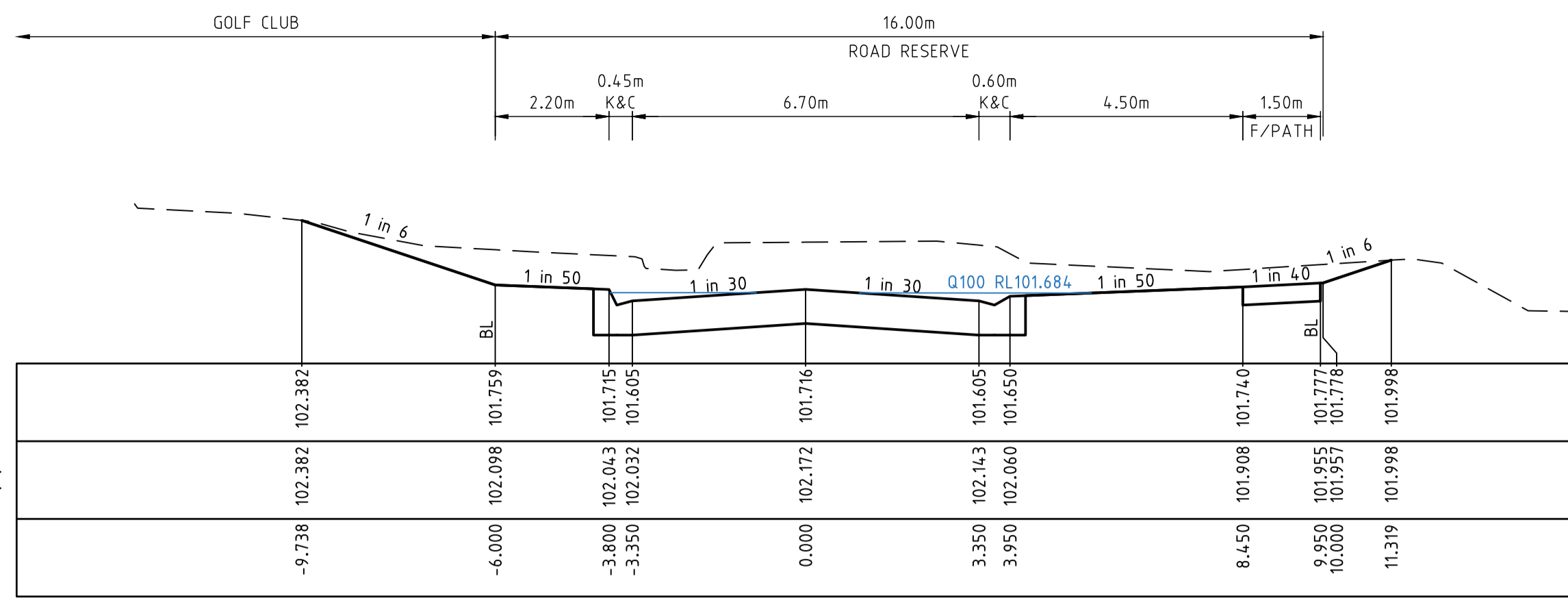
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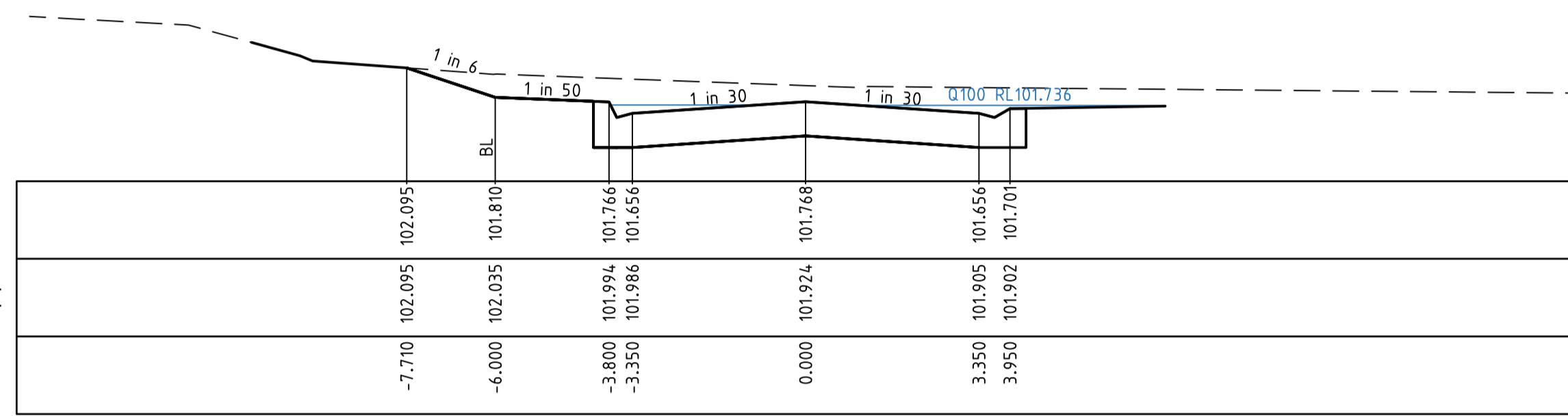
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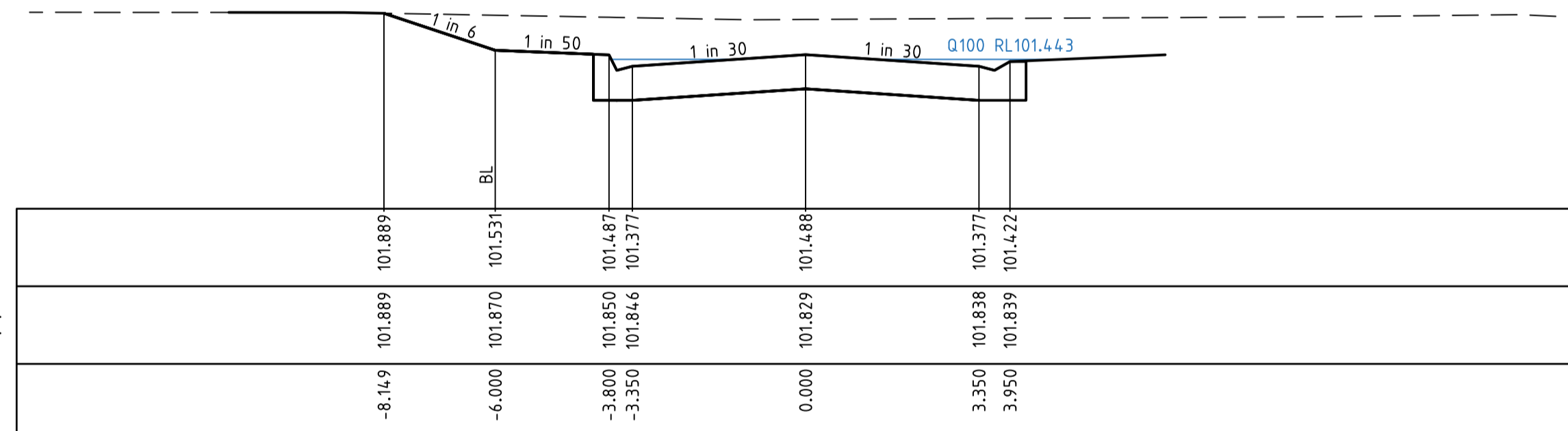
DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
CROSS SECTIONS - OAKMONT DRIVE
CH160.893 - CH329.027
Drawing No. 1520-02-17
Sheet No. 17 of 35



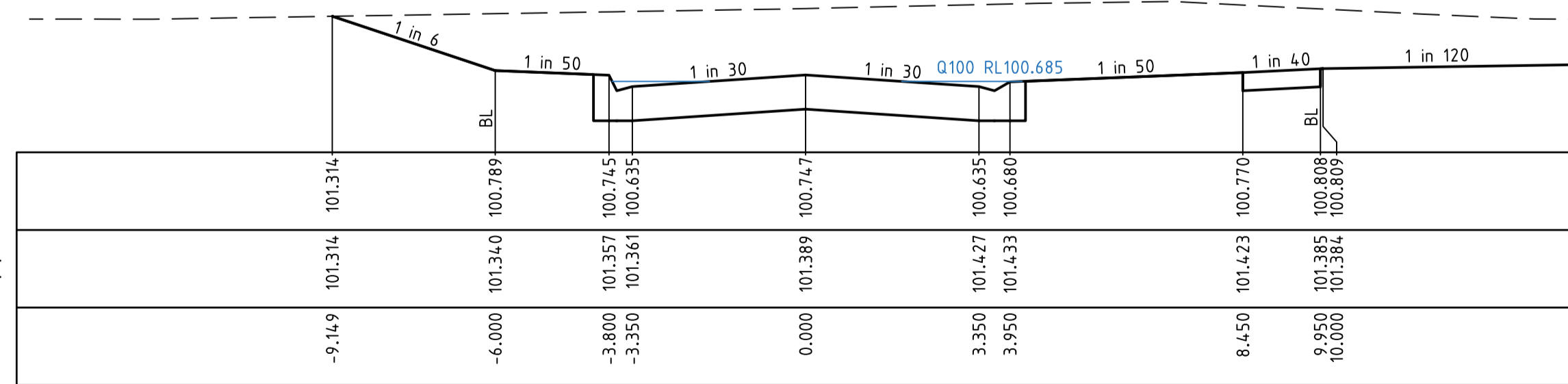
CH 420.000



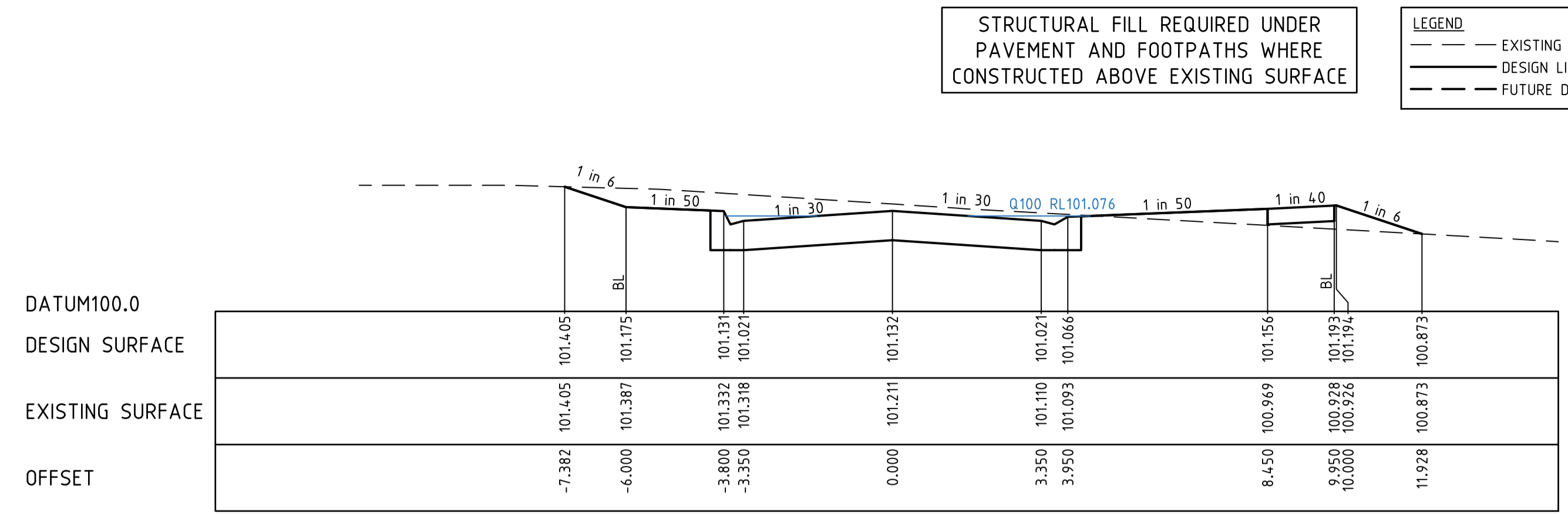
LTP CH 401.077 (WITHIN CORNER)



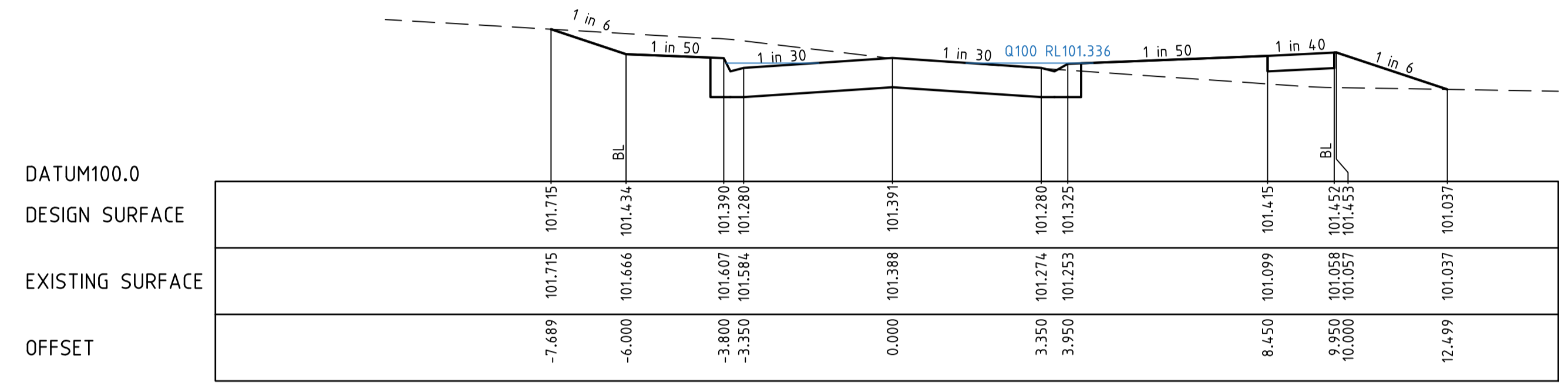
LTP CH 381.370 (WITHIN CORNER)



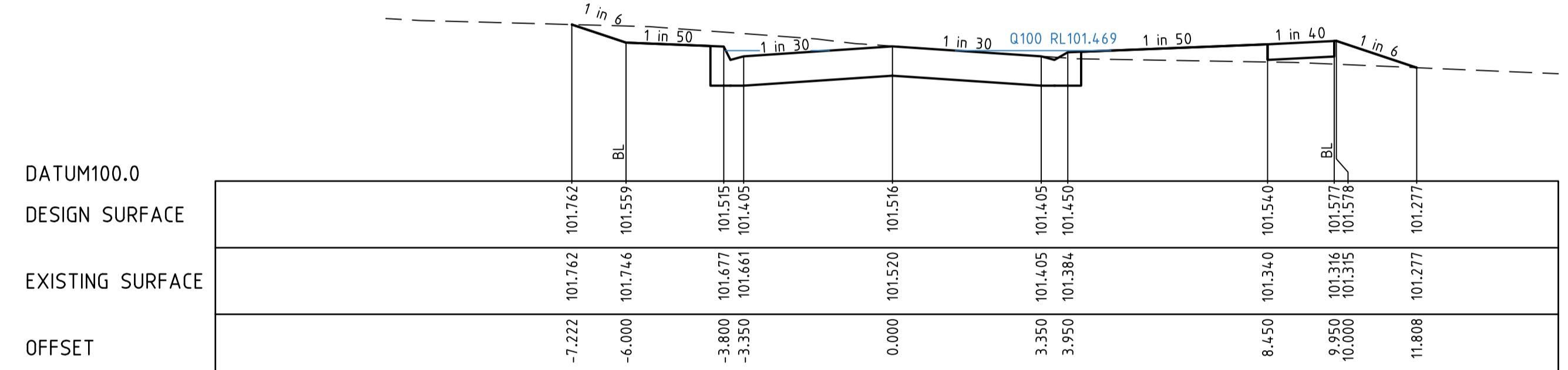
CH 360.000



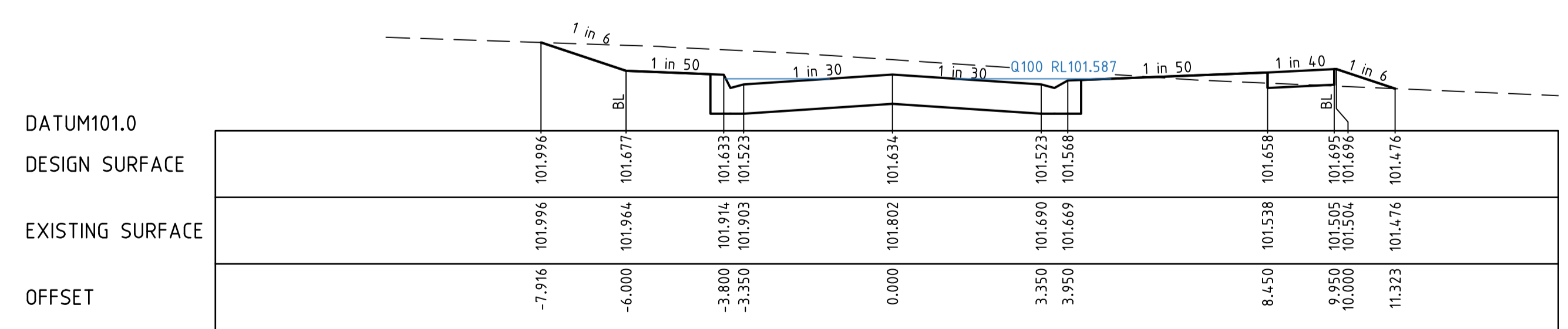
CH 500.000



CH 474.115



CH 460.000



CH 436.414

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

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

REVISION	DATE	DESIGN	APPD
2	23.06.21	AC/AC	KT
1	11/05/21	AC/AC	KT
0	08/04/21	NG/NG	KT
B	08/02/21	NG/AC	KT
A	09/12/20	NG/AC	KT



Principal
Sowsee Pty Ltd
9 Burke Street
Warragul, VIC, 3820

Designed
N.Green
Drawn
A.Cantwell
Checked
M.Warry
Authorised
K.Taylor
Date
May 2020

Scale @ A1 H1:100 V1:50
 0 1 2 4
 0.5 1 2
 Coords: MGA Levels: AHD

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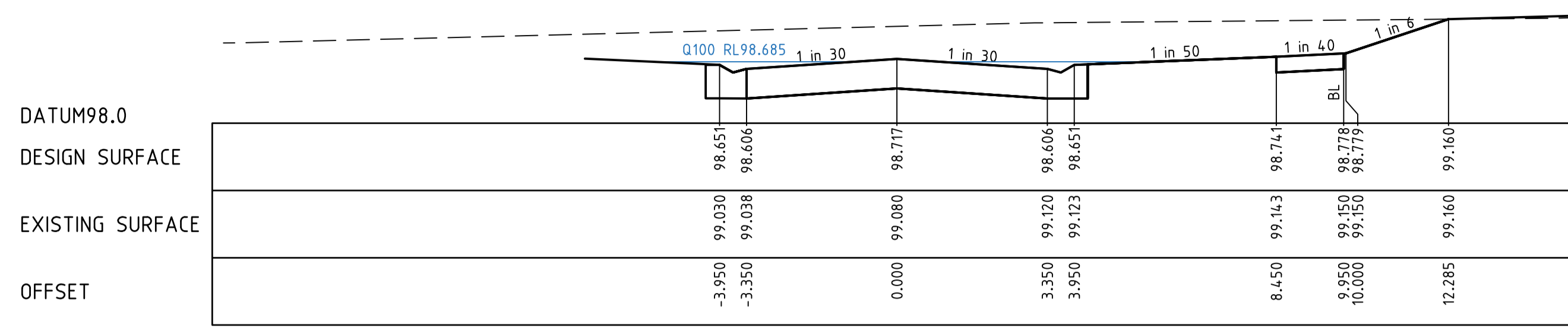
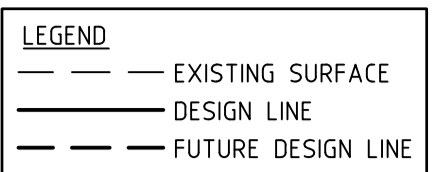
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DROUIN GOLF CLUB
 STAGE 2
 BAW BAW SHIRE COUNCIL - PLA0133/18
 ROADWORKS AND DRAINAGE
 CROSS SECTIONS - OAKMONT DRIVE
 CH360.000 - CH500.000
Drawing No. 1520-02-18
 Sheet No. 18 of 35

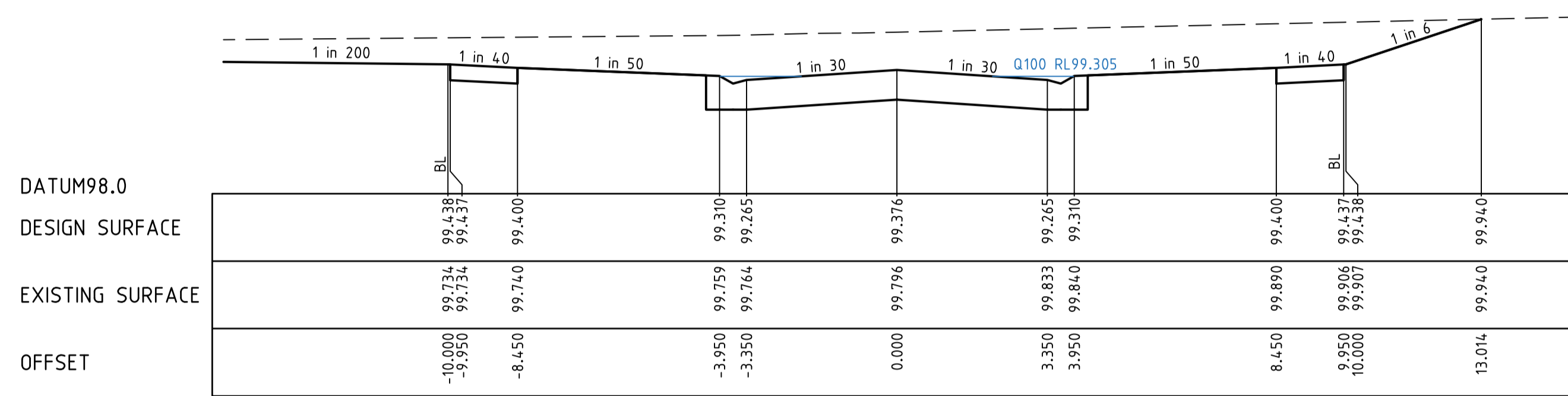
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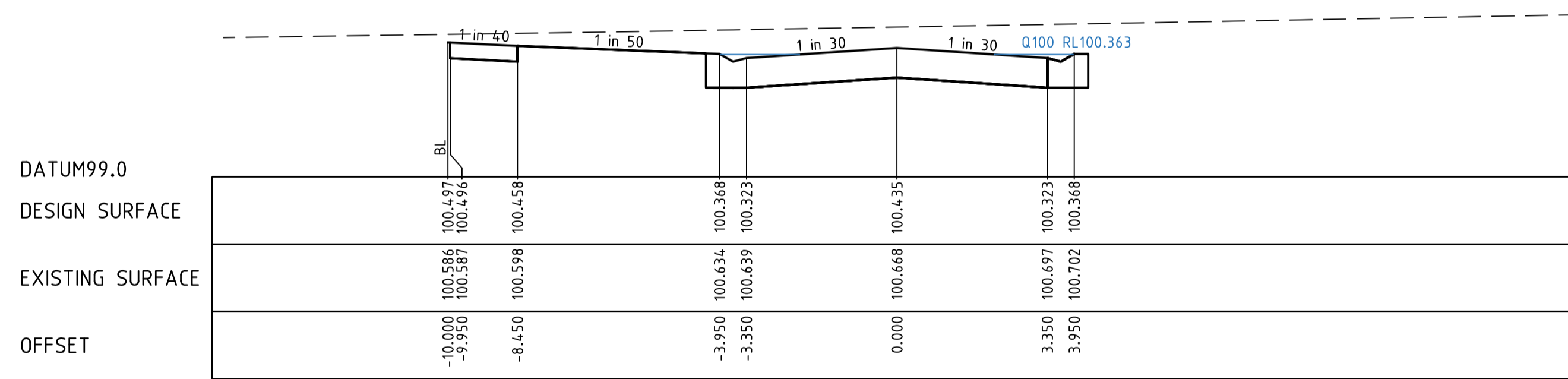
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



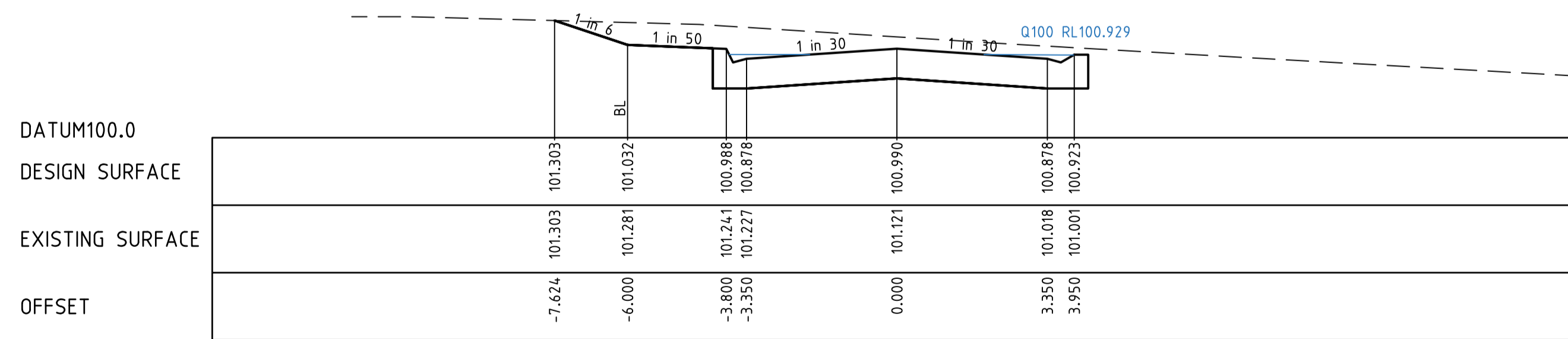
LTP CH 580.403 (WITHIN CORNER)



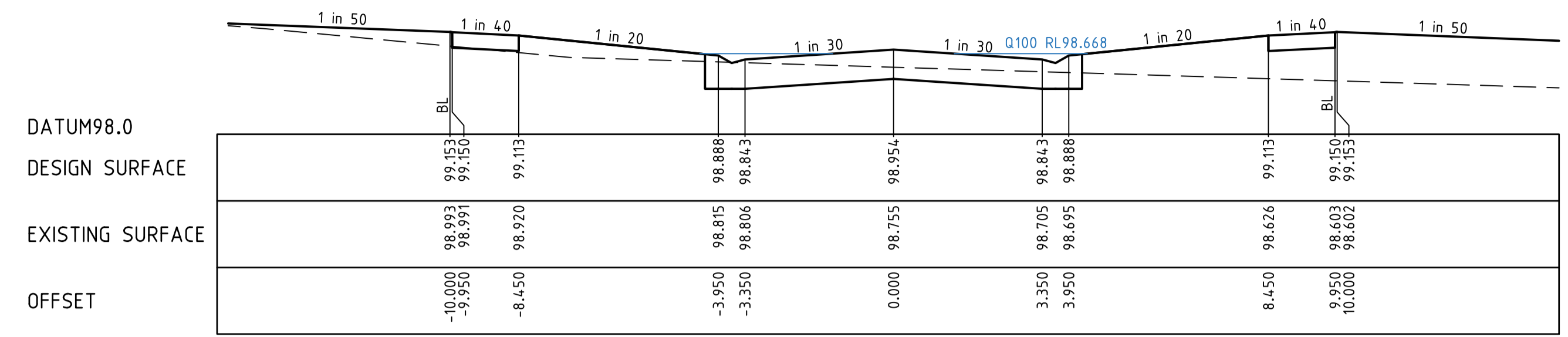
CH 560.000



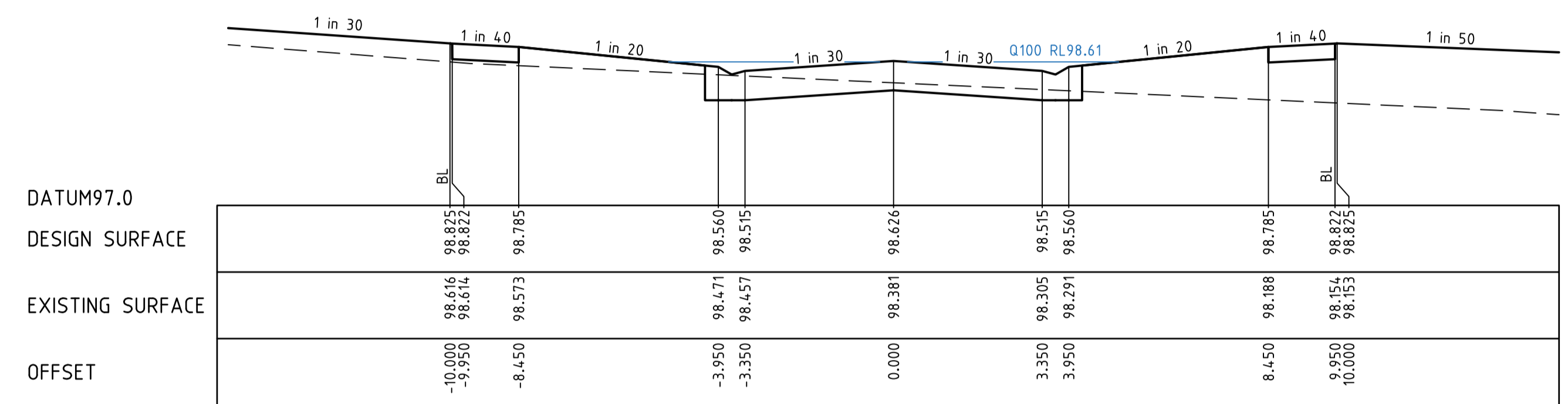
LTP CH 529.750 (WITHIN CORNER)



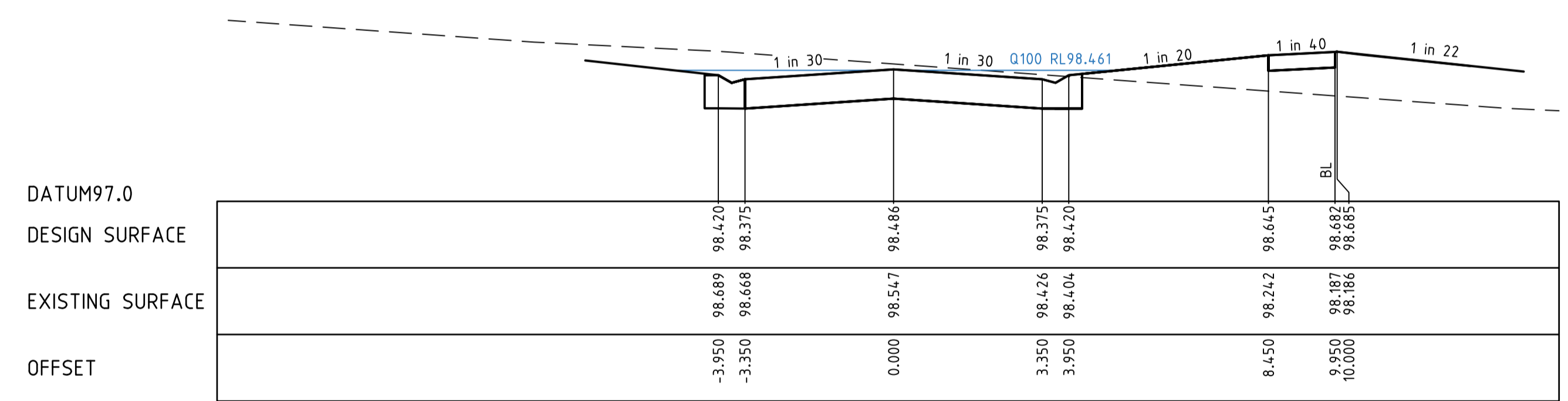
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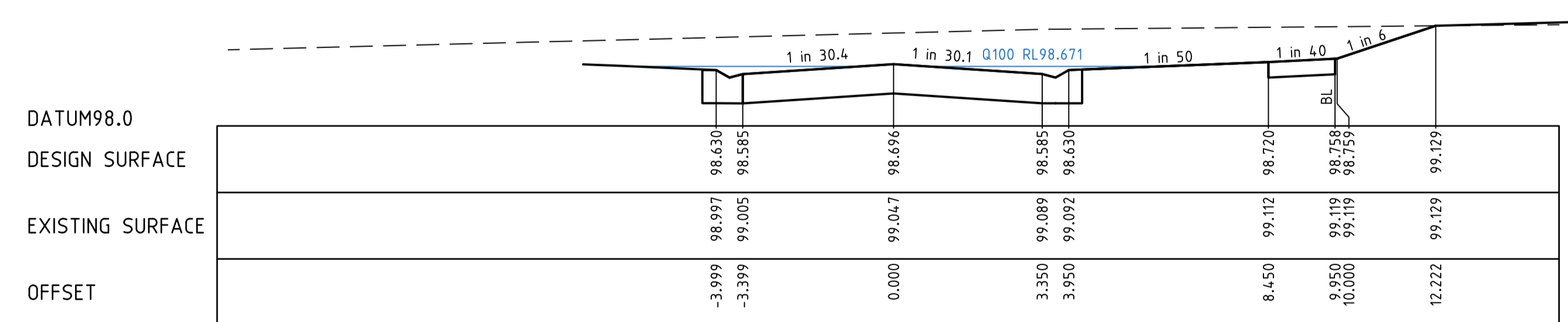
CH 659.000



CH 629.000



LTP CH 600.011 (WITHIN CORNER)



LTO CH 581.321 (WITHIN CORNER)

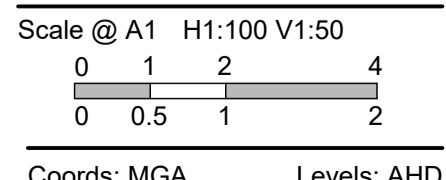
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REVISION	DATE	DES/DT	APPD
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DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
CROSS SECTIONS - OAKMONT DRIVE
CH510.240 - CH659.000

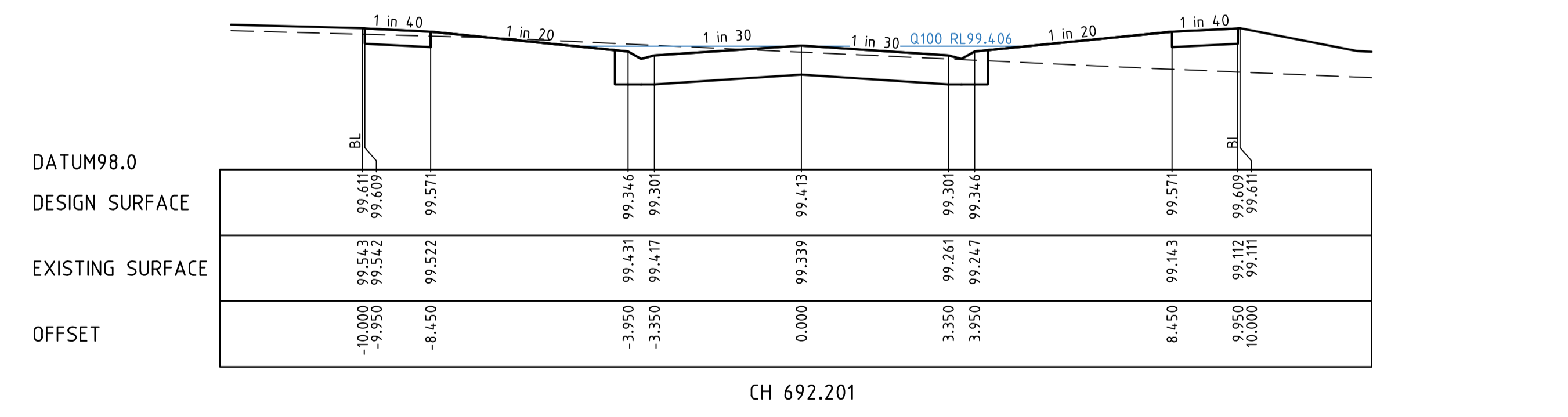
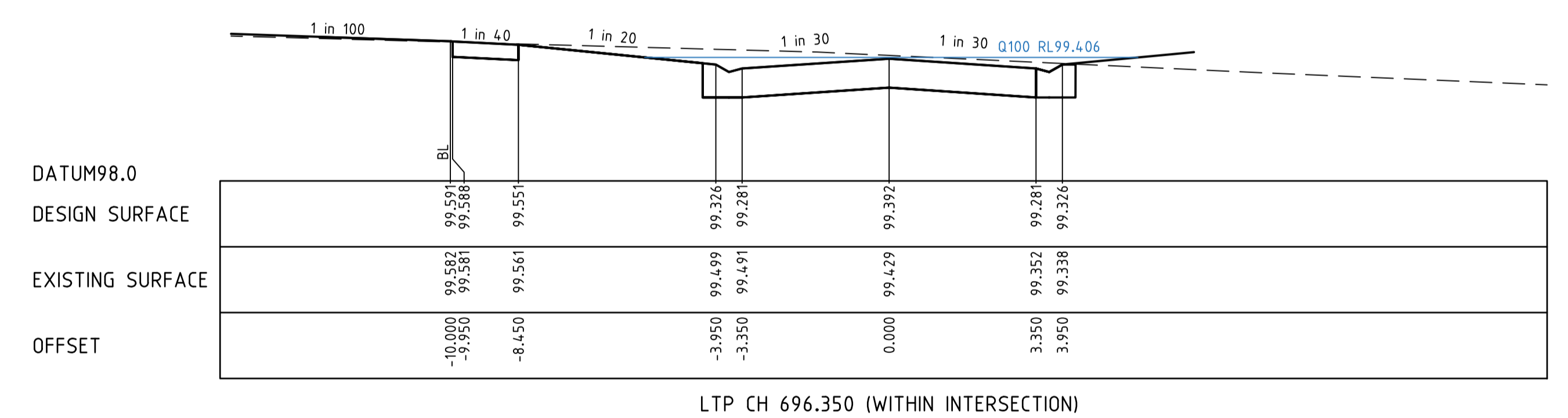
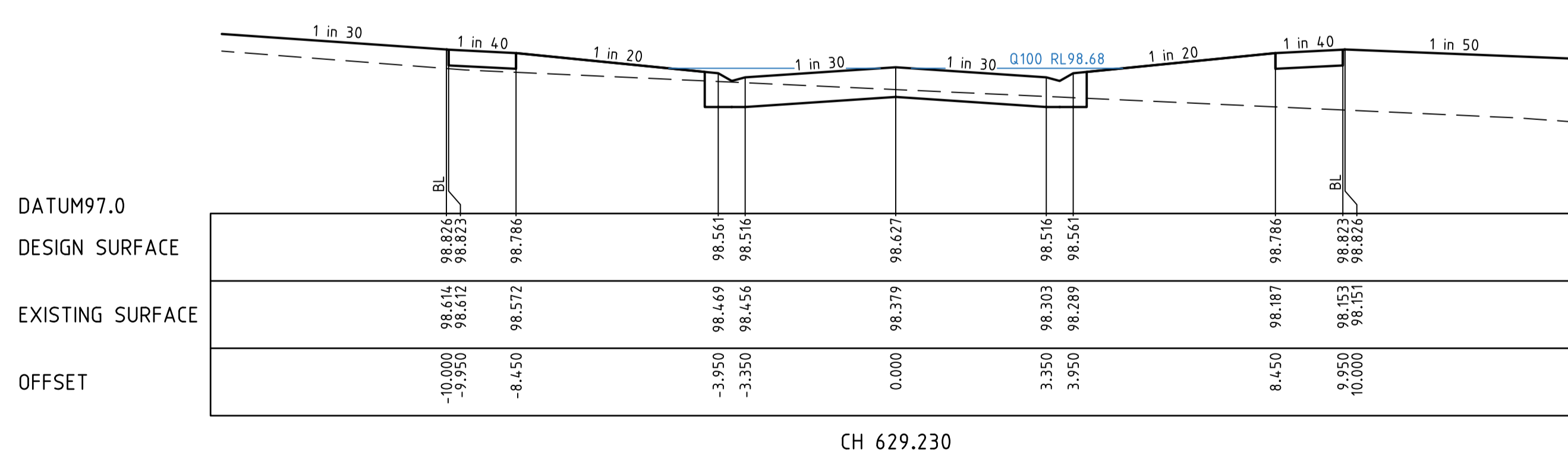
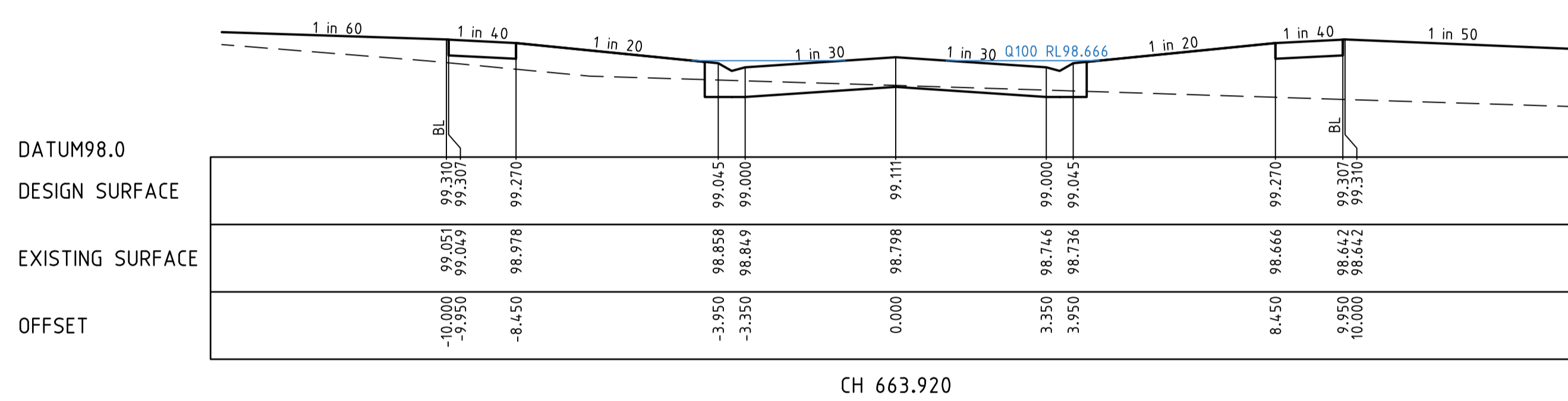
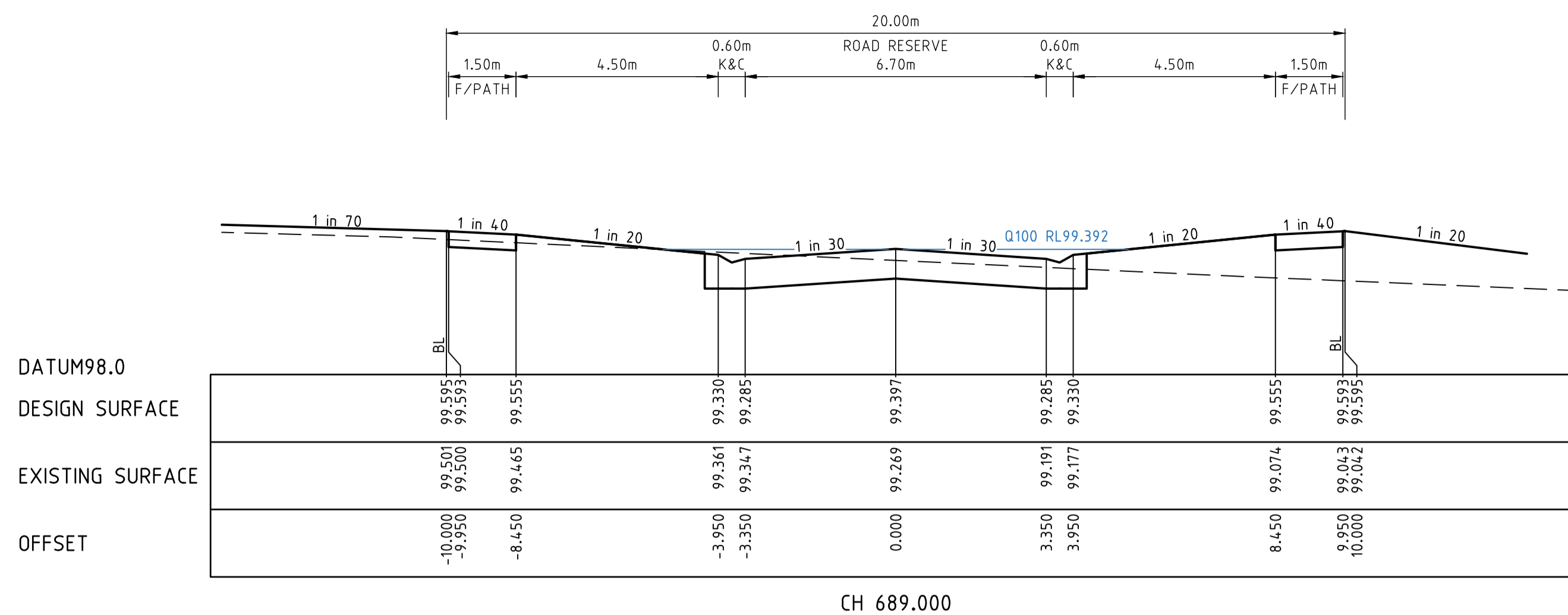
Drawing No. 1520-02-19
Sheet No. 19 of 35

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

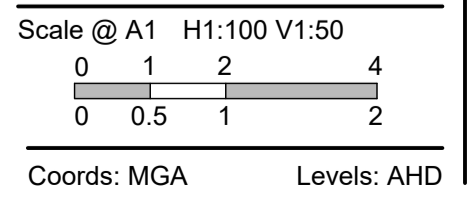


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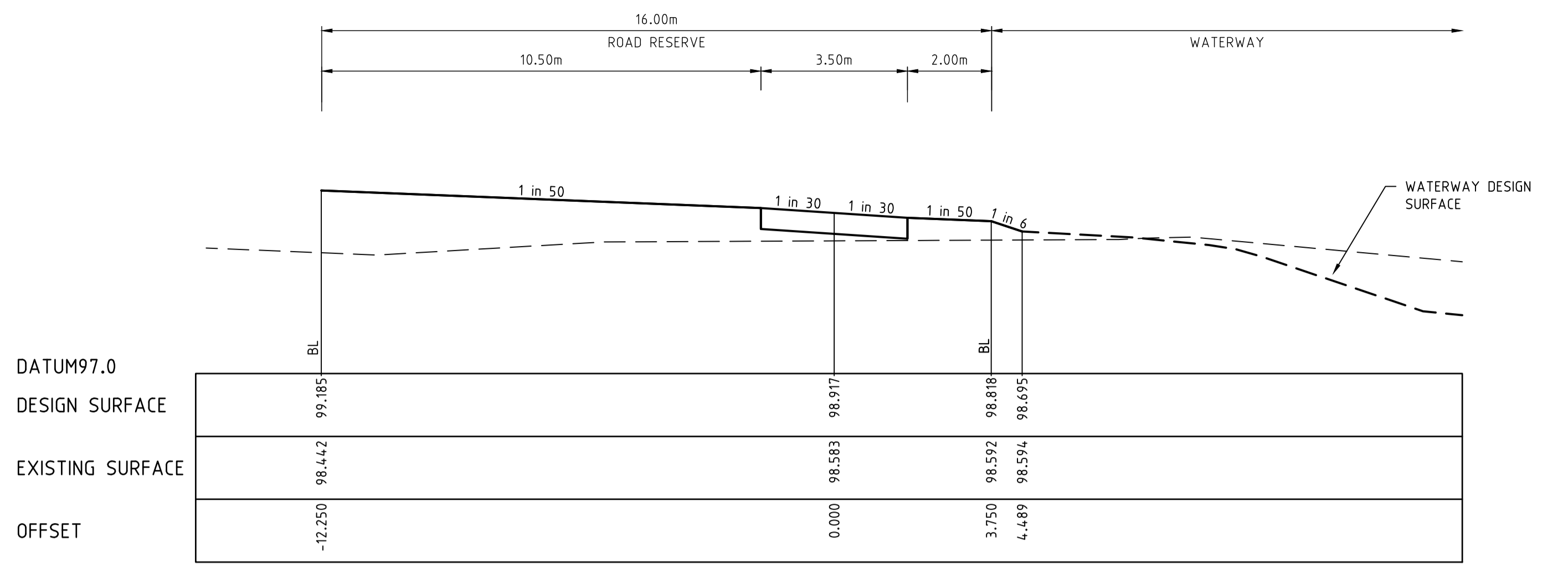
DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
CROSS SECTIONS - OAKMONT DRIVE
CH629.230 - CH696.350
Drawing No. 1520-02-20
Sheet No. 20 of 35

Rev 2

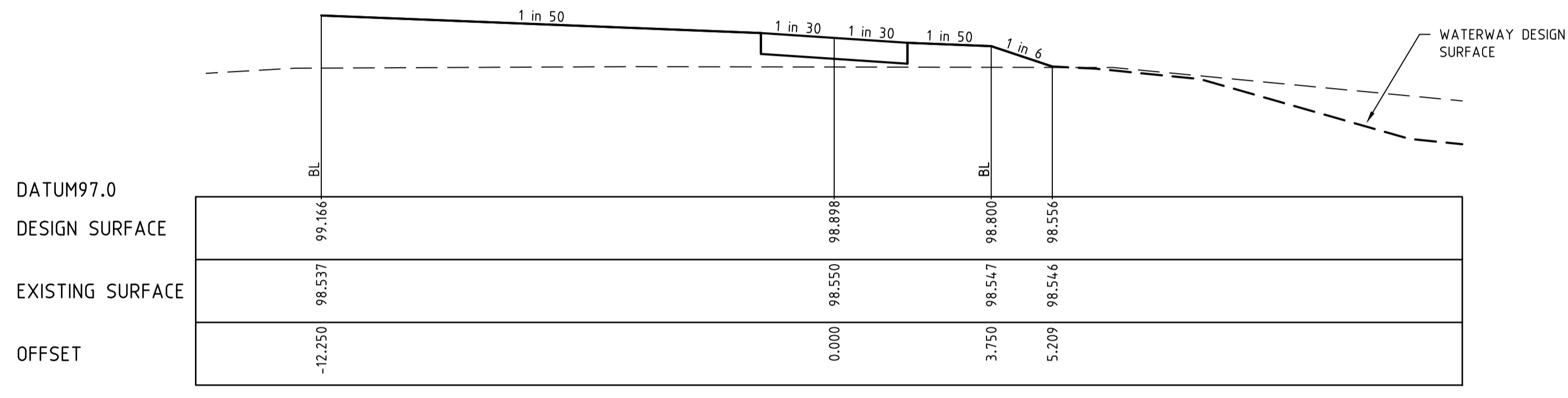
ISSUED FOR CONSTRUCTION

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

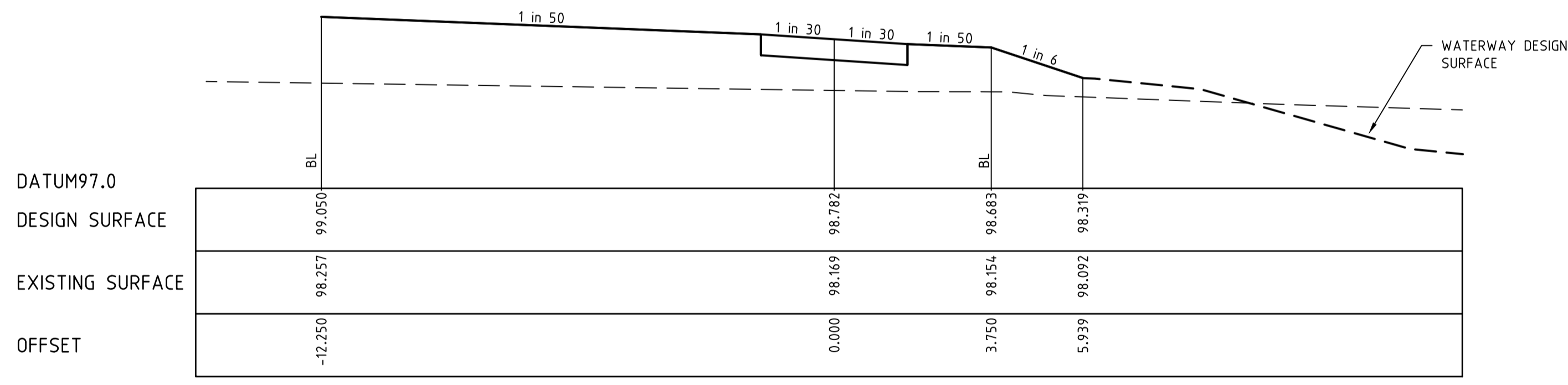
LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE



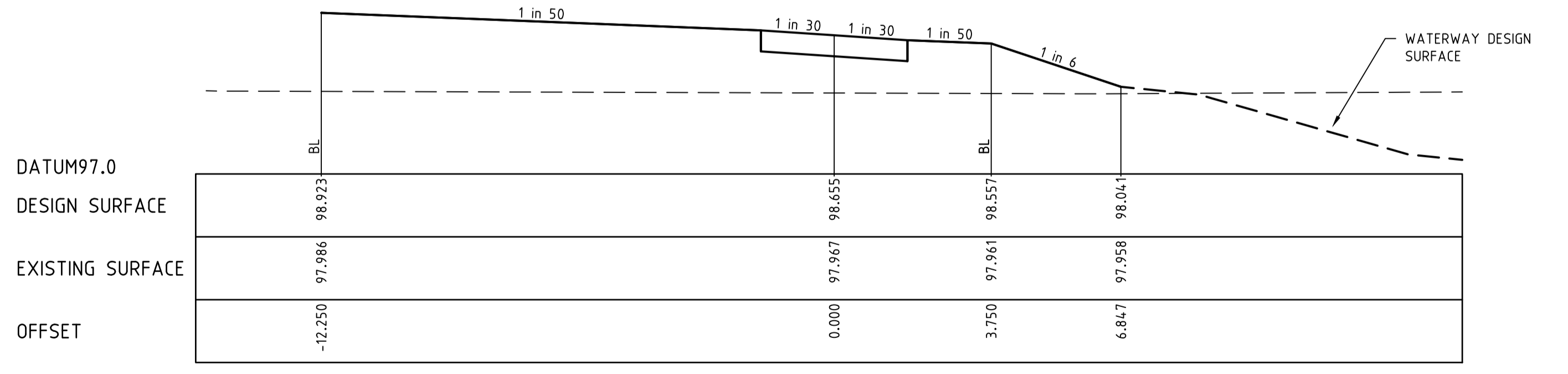
LTP CH 67.001



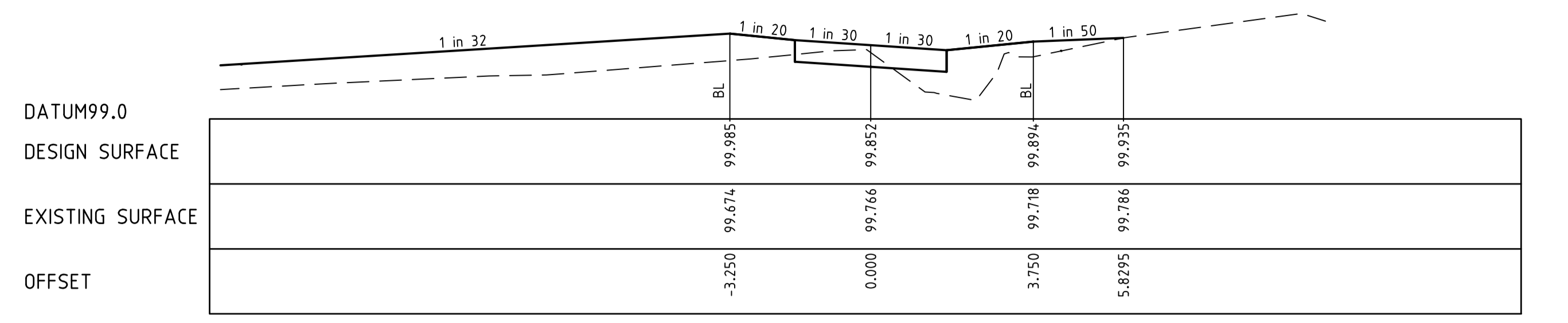
CH 63.214



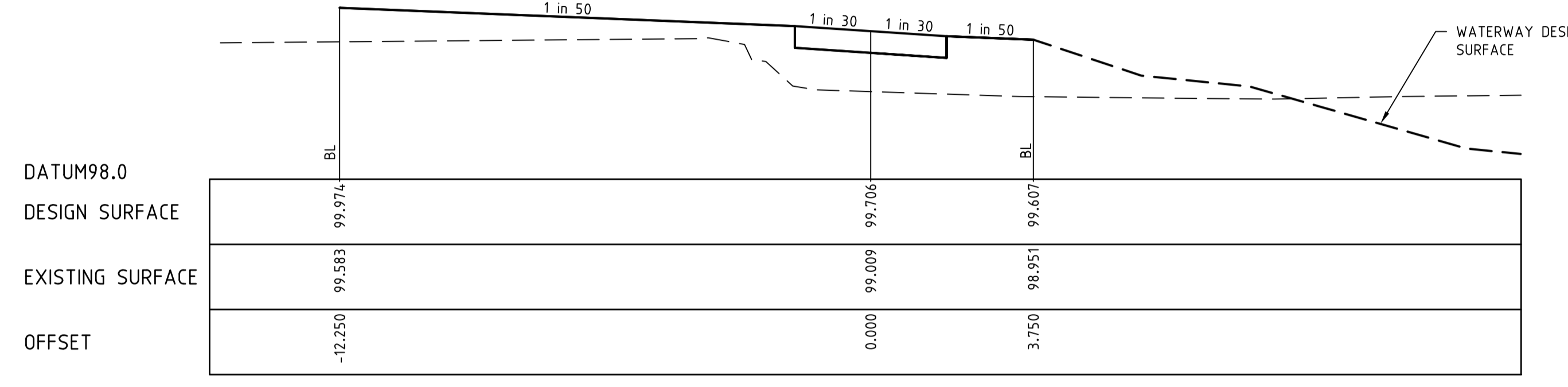
CH 40.000



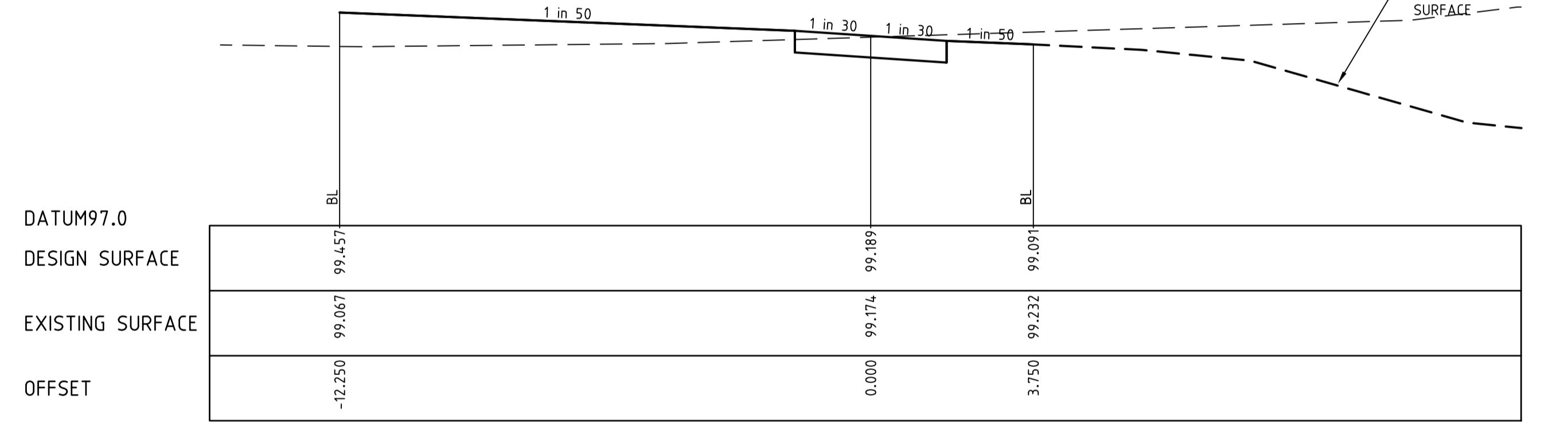
CH 14.669



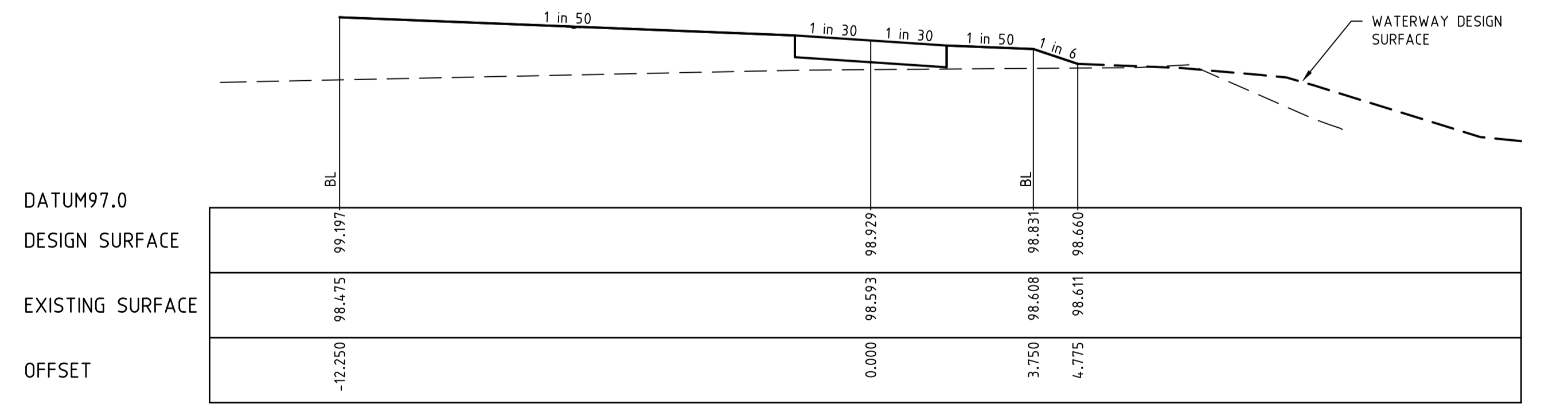
LTP CH 132.215



LTP CH 124.770



CH 98.933



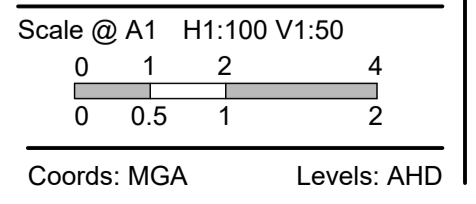
LTP CH 69.452

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DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
CROSS SECTIONS - WEDGE LANE
CH14.669 - CH132.215

Drawing No. 1520-02-21
Sheet No. 21 of 35

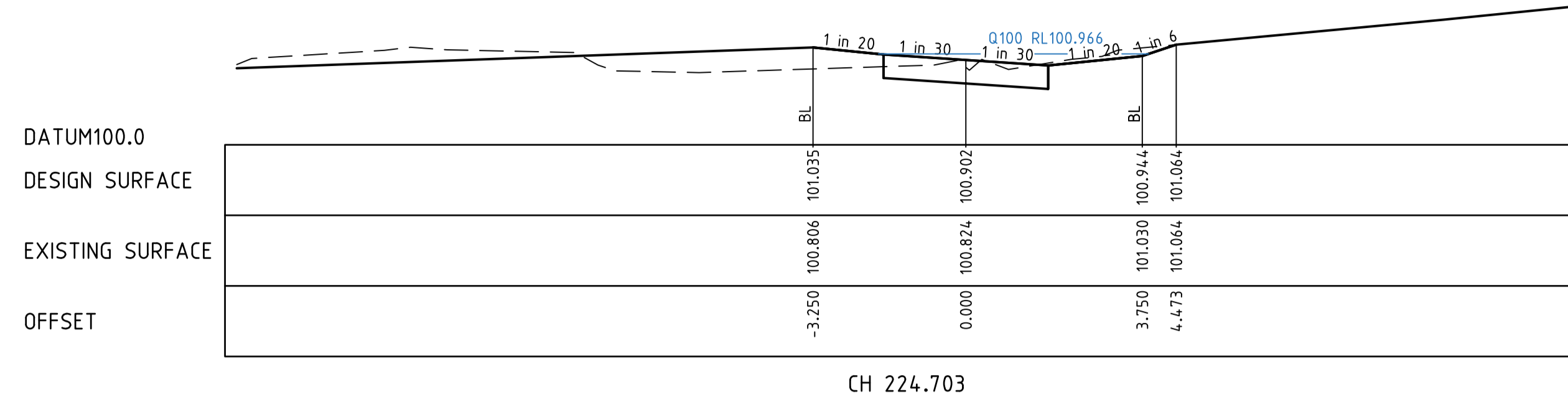
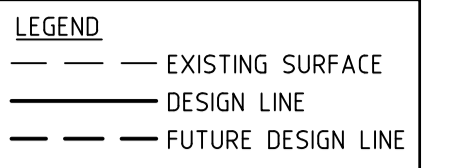
Rev 2

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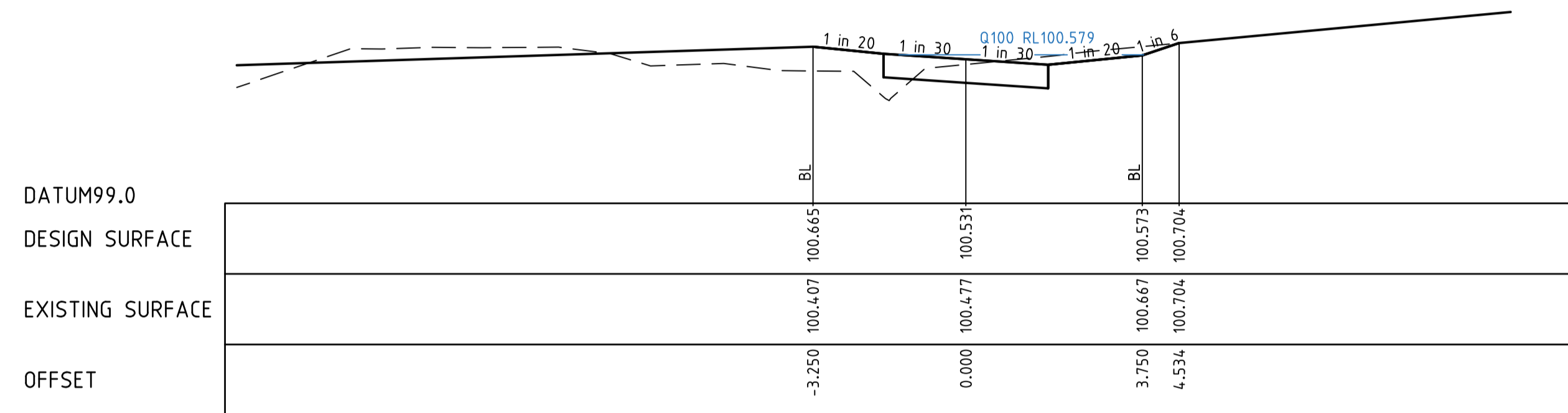
NOTE: MEANDERING SWALE DRAIN TO BE CONSTRUCTED ALONG INTERFACE BETWEEN EXISTING LOW DENSITY RESIDENTIAL AND WEDGE LANE. CONTRACTOR TO COORDINATE PLACEMENT OF SWALE DRAIN WITH LANDSCAPE PLANS



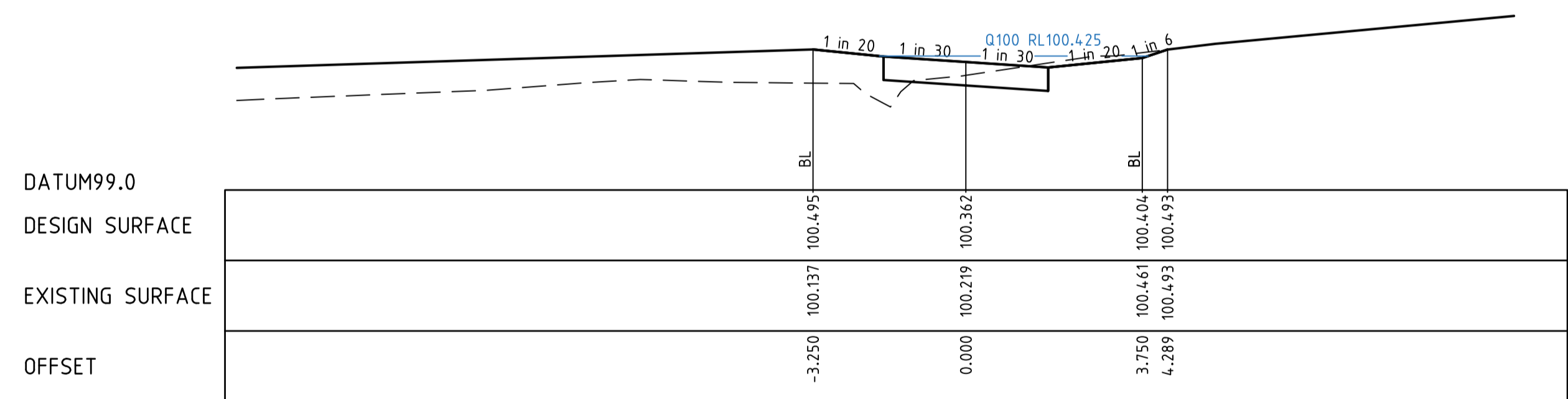
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



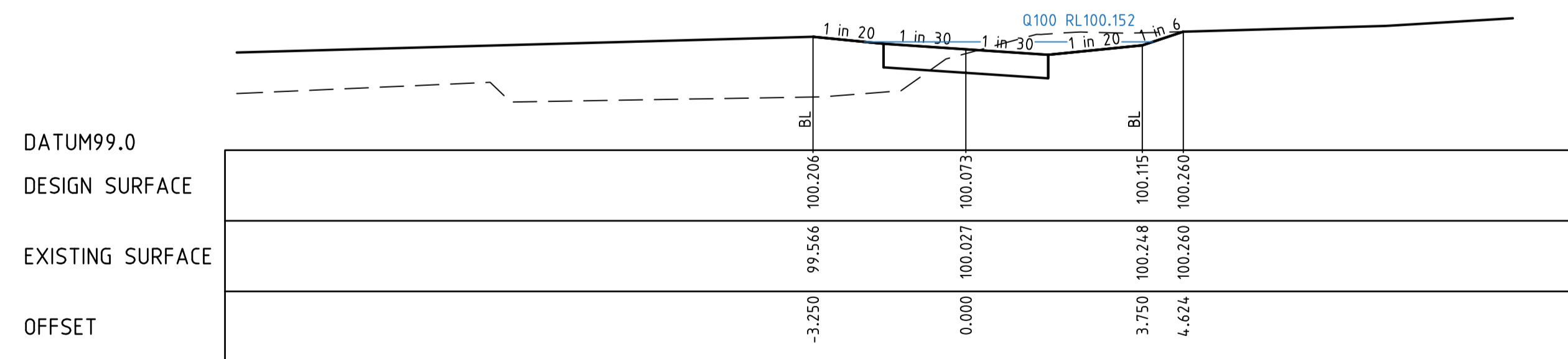
CH 224.703



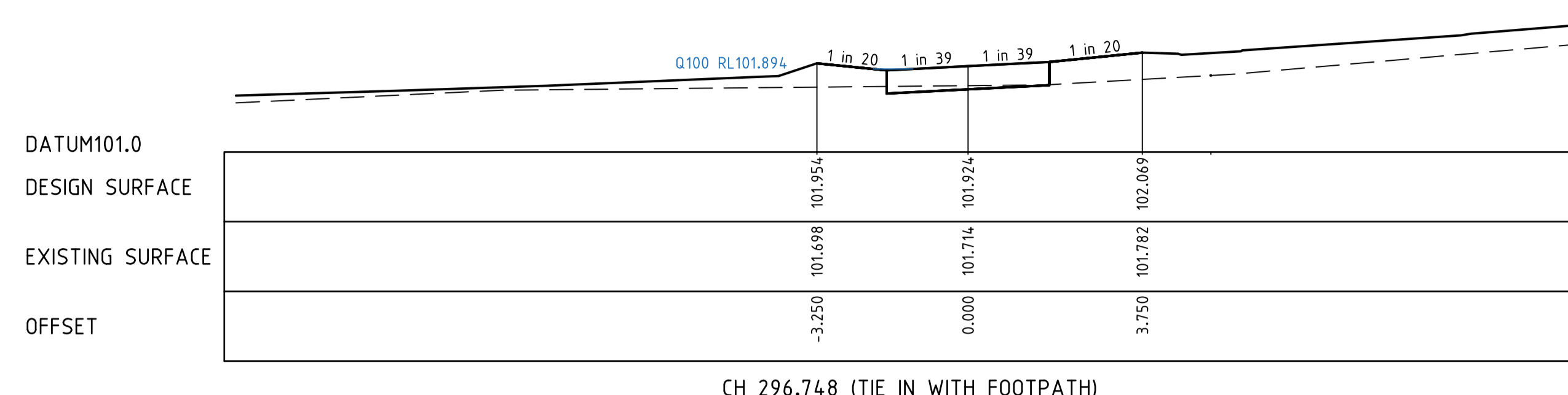
CH 200.000



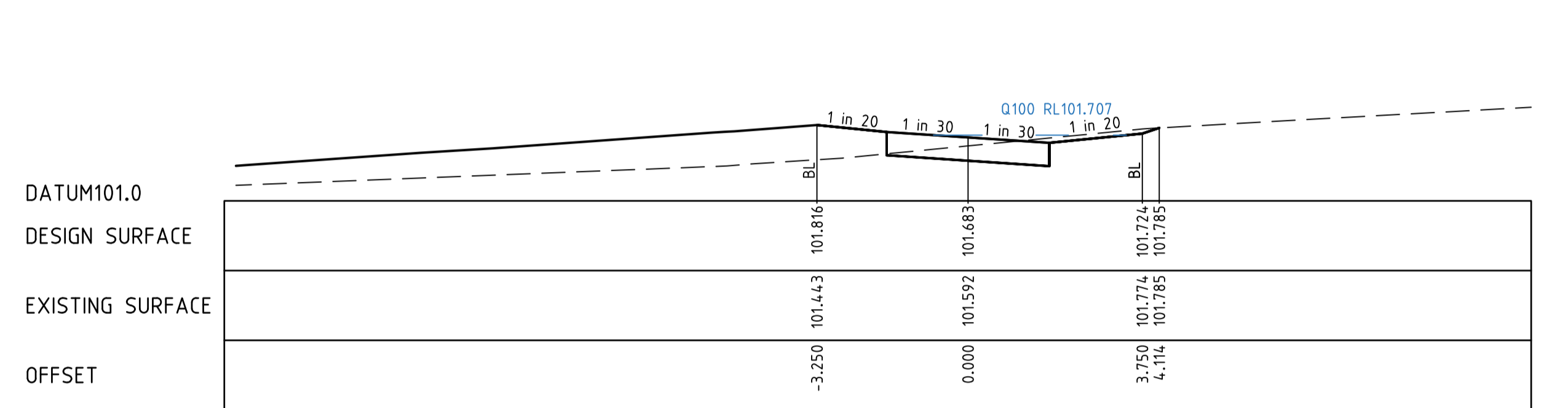
CH 188.706



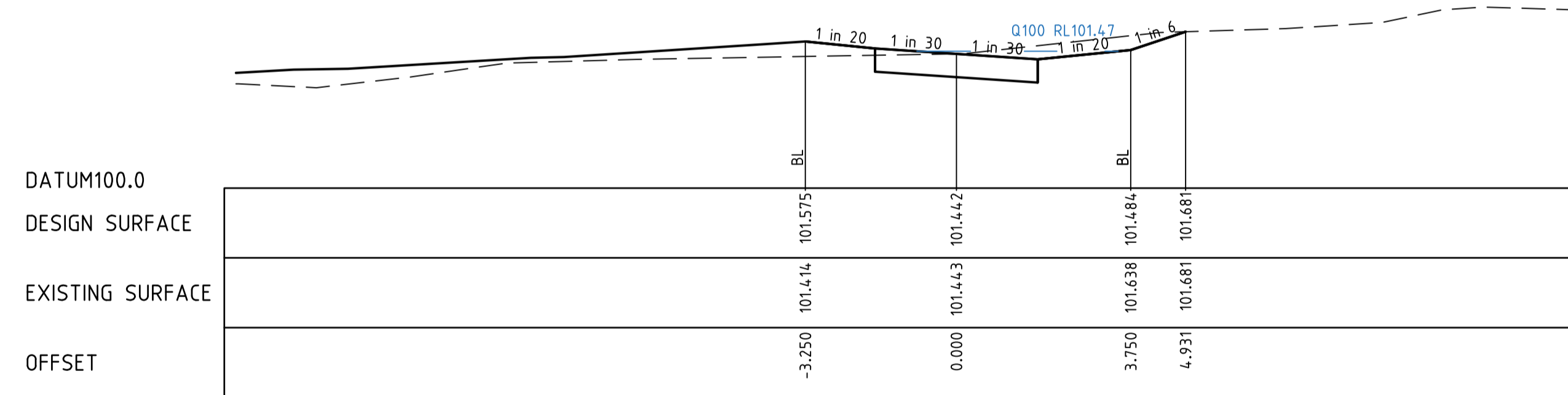
CH 160.000



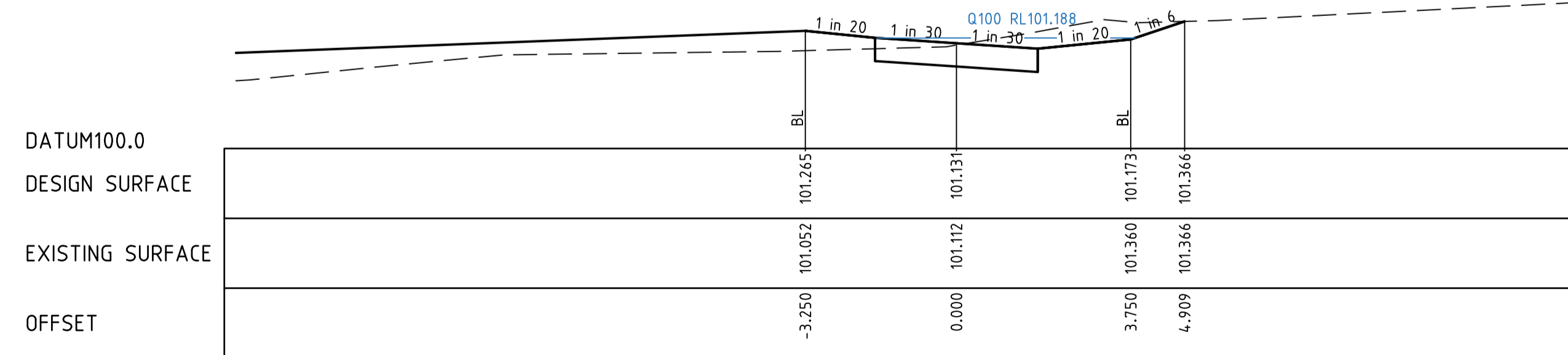
CH 296.748 (TIE IN WITH FOOTPATH)



CH 276.748



CH 260.708



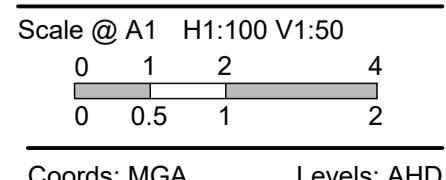
CH 240.000

REVISION	DATE	DES/DT	APPD
A	09/12/20	NG/AC	KT
B	08/02/21	NG/AC	KT
0	08/04/21	NG/NG	KT
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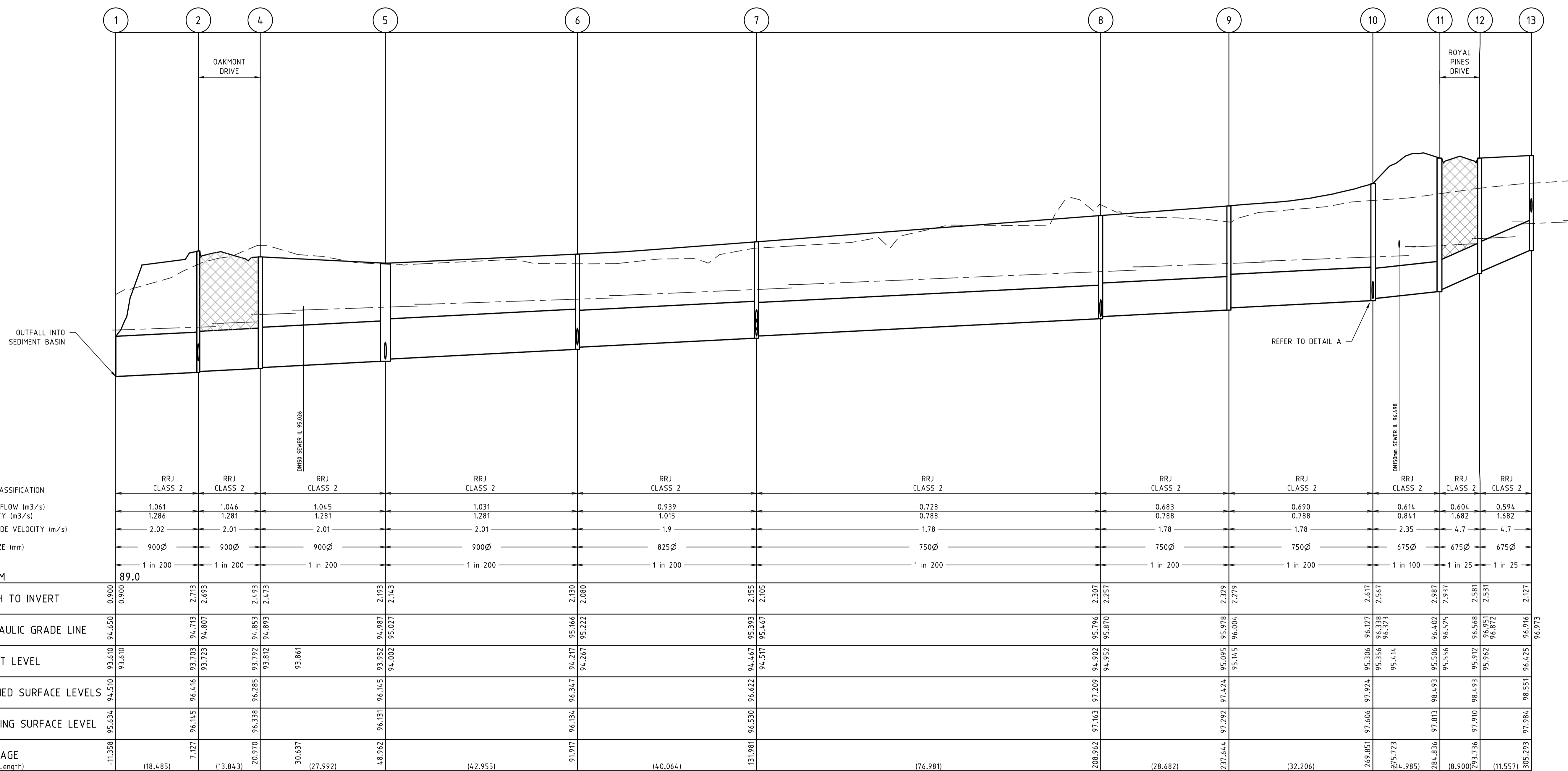
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DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
CROSS SECTIONS - WEDGE LANE
CH160.000 - CH291.195
Drawing No. 1520-02-22
Sheet No. 22 of 35

Rev 2

ISSUED FOR CONSTRUCTION

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



PIPE CLASSIFICATION	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2
DESIGN FLOW (m ³ /s)	1.061	1.046	1.045	1.031	0.939	0.728	0.683	0.690	0.614	0.604	0.594	0.614	0.604	0.594
CAPACITY (m ³ /s)	1.286	1.281	1.281	1.281	1.015	0.788	0.788	0.788	0.841	1.682	1.682	0.841	1.682	1.682
AT GRADE VELOCITY (m/s)	2.02	2.01	2.01	2.01	1.9	1.78	1.78	1.78	2.35	4.7	4.7	2.35	4.7	4.7
PIPE SIZE (mm)	900Ø	900Ø	900Ø	900Ø	825Ø	750Ø	750Ø	750Ø	750Ø	675Ø	675Ø	675Ø	675Ø	675Ø
GRADE DATUM	89.0	1 in 200	1 in 200	1 in 200	1 in 200	1 in 200	1 in 200	1 in 200	1 in 200	1 in 100	1 in 25	1 in 25	1 in 25	1 in 25
DEPTH TO INVERT	0.900	2.713	2.493	2.193	2.130	2.155	2.307	2.329	2.617	2.567	2.987	2.937	2.584	2.531
HYDRAULIC GRADE LINE	94.650	94.713	94.807	94.987	95.166	95.393	95.796	95.870	95.978	96.127	96.338	96.402	96.425	96.516
INVERT LEVEL	93.610	93.703	93.723	93.792	93.952	94.247	94.467	94.517	94.952	95.145	95.306	95.556	95.922	96.071
FINISHED SURFACE LEVELS	94.510	96.476	96.285	96.145	96.347	96.622	97.209	97.424	97.424	97.924	98.493	98.493	98.493	98.551
EXISTING SURFACE LEVEL	95.634	96.145	96.338	96.131	96.134	96.530	97.163	97.292	97.292	97.606	97.813	97.813	97.910	97.984
CHAINAGE (Reach Length)	-11.358	(18.485)	(13.843)	(27.992)	(42.955)	(40.064)	(76.981)	(208.962)	(28.682)	(32.206)	(269.851)	(84.985)	(8.900)	(11.557)

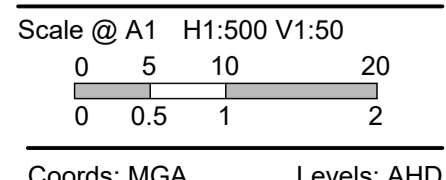
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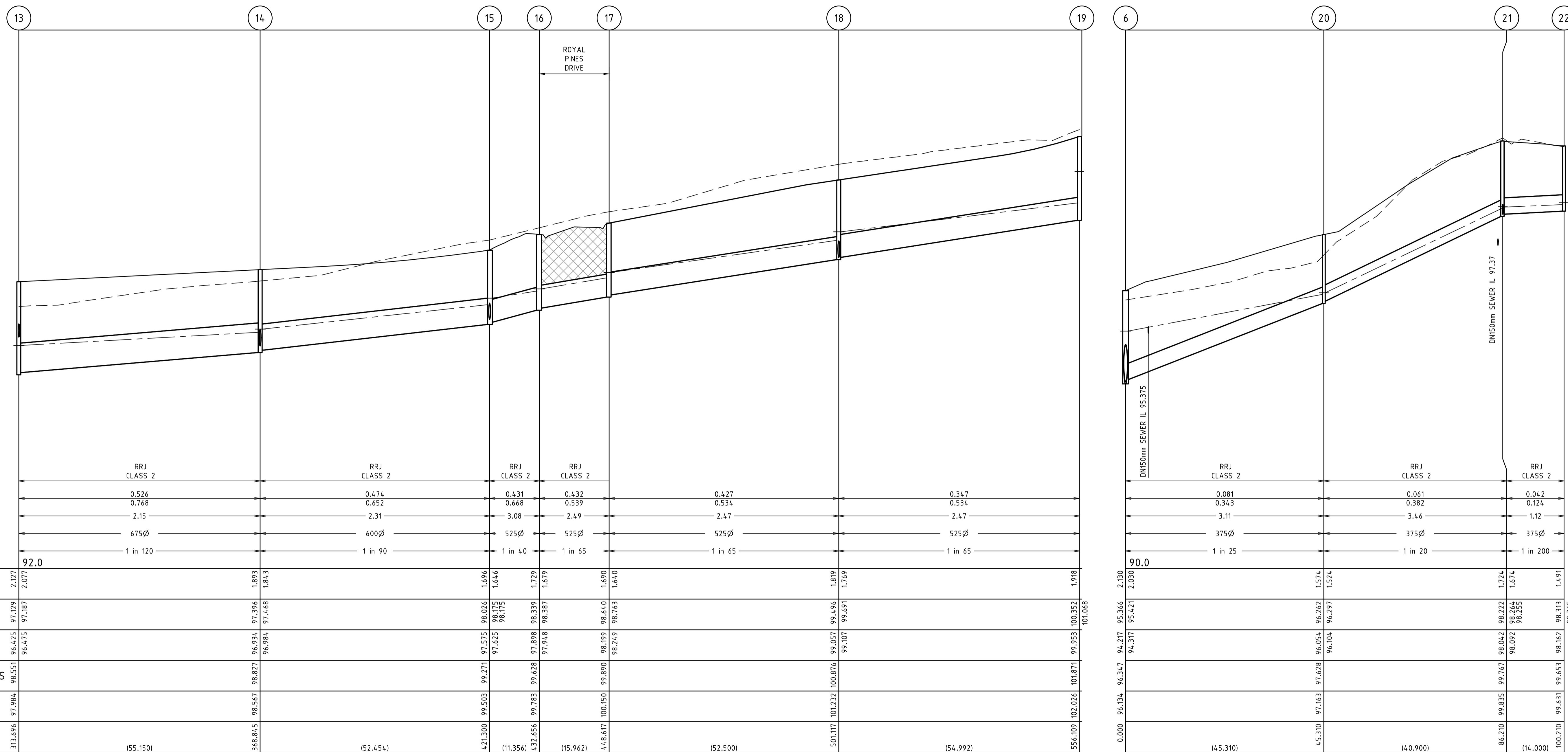
DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
DRAINAGE LONGITUDINAL SECTIONS - 1

Drawing No. 1520-02-23
Sheet No. 23 of 35

Rev 2

ISSUED FOR CONSTRUCTION

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



PIPE CLASSIFICATION	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2
DESIGN FLOW (m ³ /s)	0.526	0.474	0.431	0.432	0.427	0.347
CAPACITY (m ³ /s)	0.768	0.652	0.668	0.539	0.534	0.534
AT GRADE VELOCITY (m/s)	2.15	2.31	3.08	2.49	2.47	2.47
PIPE SIZE (mm)	675Ø	600Ø	525Ø	525Ø	525Ø	525Ø
GRADE DATUM	1 in 120	1 in 90	1 in 40	1 in 65	1 in 65	1 in 65
DEPTH TO INVERT	2.127 2.077	1.893 1.843	1.696 1.646	1.729 1.679	1.819 1.769	1.918 1.868
HYDRAULIC GRADE LINE	96.475 97.129 97.187	96.034 97.306 97.468	97.575 98.026 98.175 98.175	97.898 98.339 98.387	99.057 99.496 99.691	100.352 101.088
INVERT LEVEL	96.475 96.475	96.034 96.034	97.575 97.625	97.898 97.948	99.057 99.107	99.953 100.352
FINISHED SURFACE LEVELS	98.551	98.827	99.271	99.628	100.876	101.871
EXISTING SURFACE LEVEL	97.984	98.567	99.503	99.890	100.150	102.026
CHAINAGE (Reach Length)	313.696 (55.150)	368.845 (52.454)	421.500 (11.356)	432.656 (15.962)	448.617 (52.500)	556.109 (54.992)

PIPE CLASSIFICATION	RRJ CLASS 2	RRJ CLASS 2	RRJ CLASS 2
DESIGN FLOW (m ³ /s)	0.081	0.061	0.042
CAPACITY (m ³ /s)	0.343	0.382	0.124
AT GRADE VELOCITY (m/s)	3.11	3.46	1.12
PIPE SIZE (mm)	375Ø	375Ø	375Ø
GRADE DATUM	1 in 25	1 in 20	1 in 200
DEPTH TO INVERT	2.130 2.030	1.574 1.524	1.724 1.674
HYDRAULIC GRADE LINE	94.217 95.421	96.054 96.262	98.042 98.250
INVERT LEVEL	94.217 94.317	96.054 96.104	98.042 98.092
FINISHED SURFACE LEVELS	96.347	97.628	99.767
EXISTING SURFACE LEVEL	96.134	97.163	99.835
CHAINAGE (Reach Length)	0.000 (4.310)	45.310 (40.900)	86.210 (14.000)

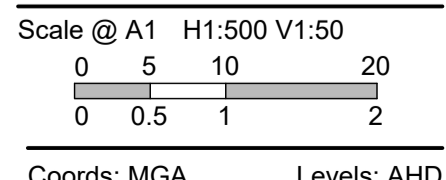
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Principal
Sowsee Pty Ltd
9 Burke Street
Warragul, VIC, 3820

Designed
N.Green
Drawn
A.Cantwell
Checked
M.Warry
Authorised
K.Taylor
Date
May 2020



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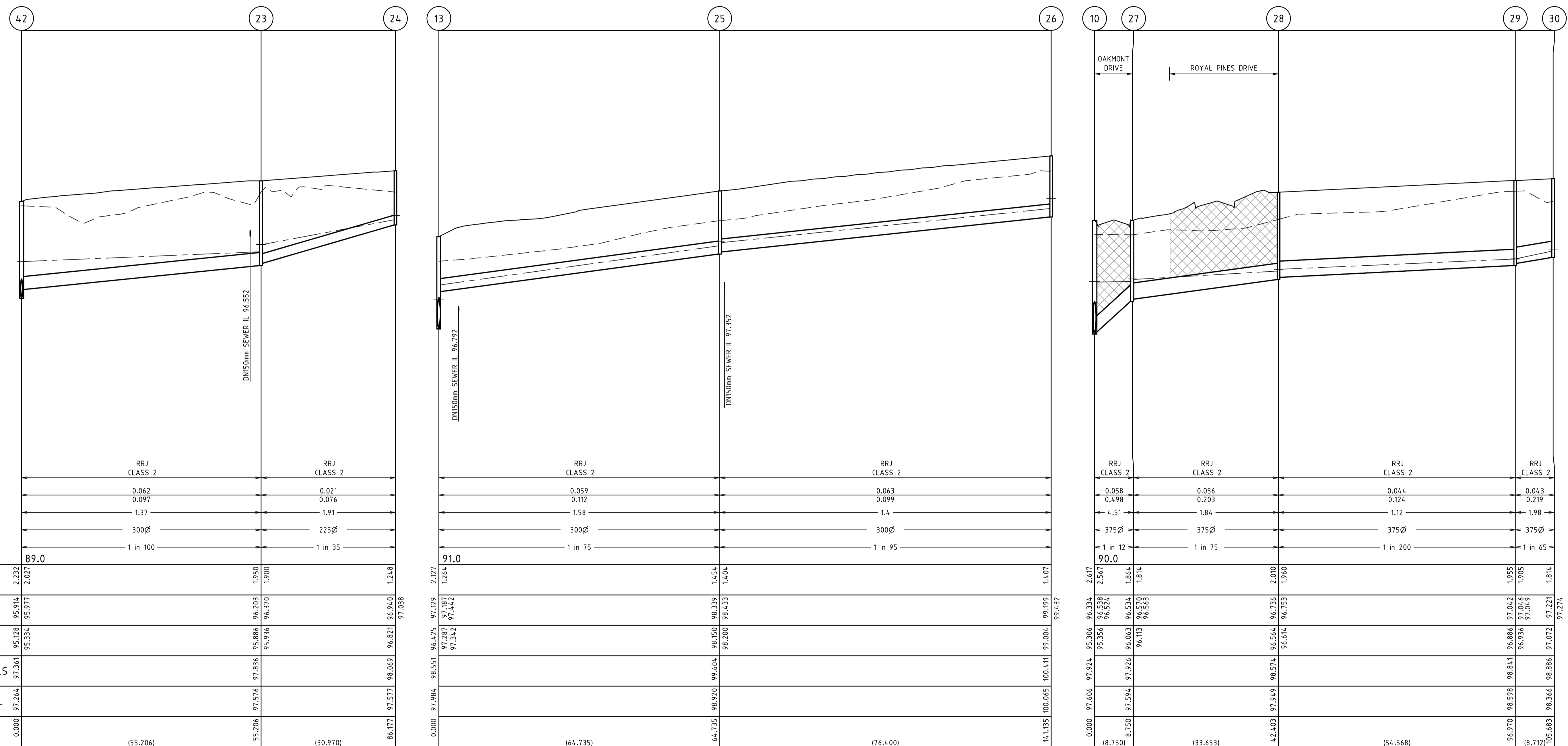
DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
DRAINAGE LONGITUDINAL SECTIONS - 2

Drawing No. 1520-02-24
Sheet No. 24 of 35

Rev 2

ISSUED FOR CONSTRUCTION

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

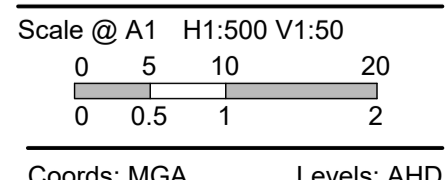


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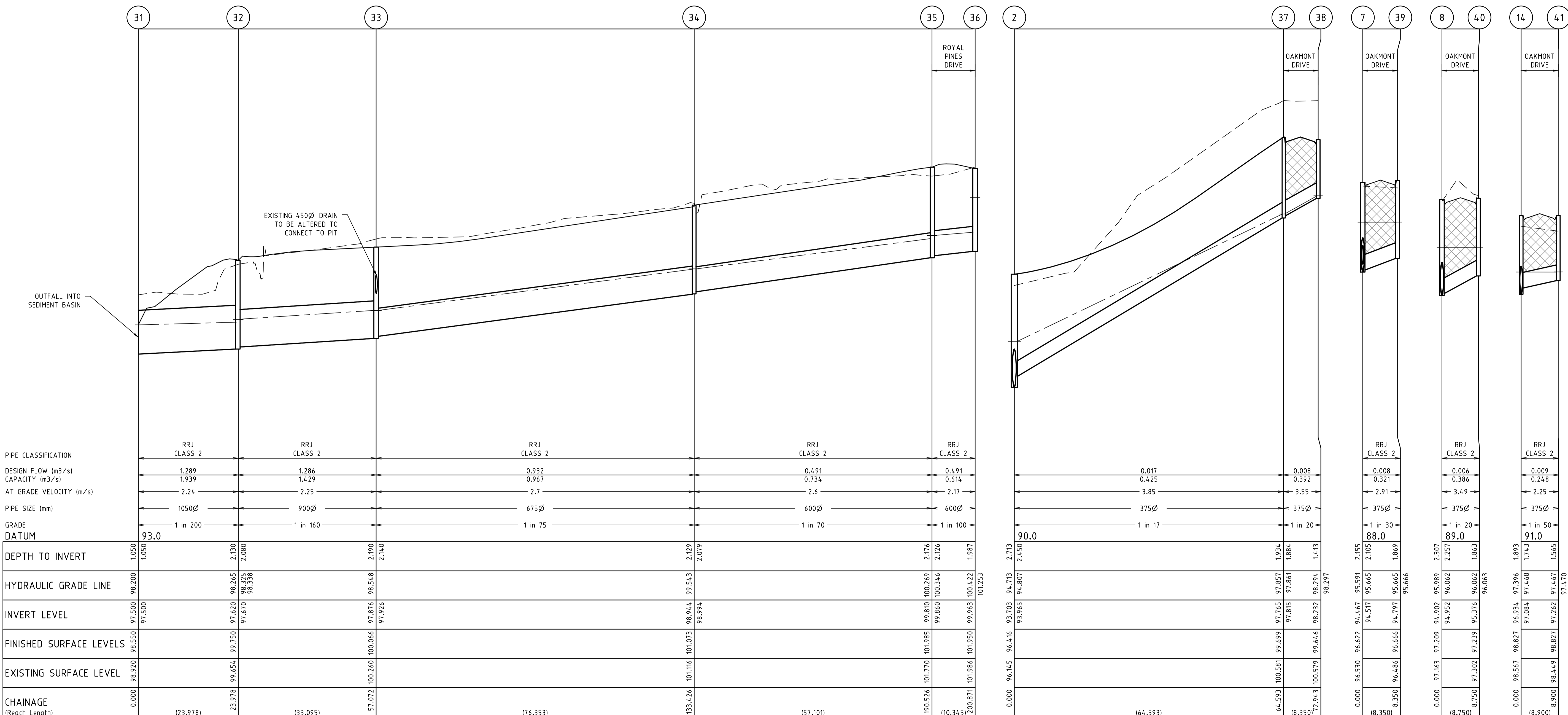
DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
DRAINAGE LONGITUDINAL SECTIONS - 3

Drawing No. 1520-02-25
Sheet No. 25 of 35

Rev 2

ISSUED FOR CONSTRUCTION

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



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Scale @ A1 H1:500 V1:50
0 5 10 20
0 0.5 1 2
Coords: MGA Levels: AHD

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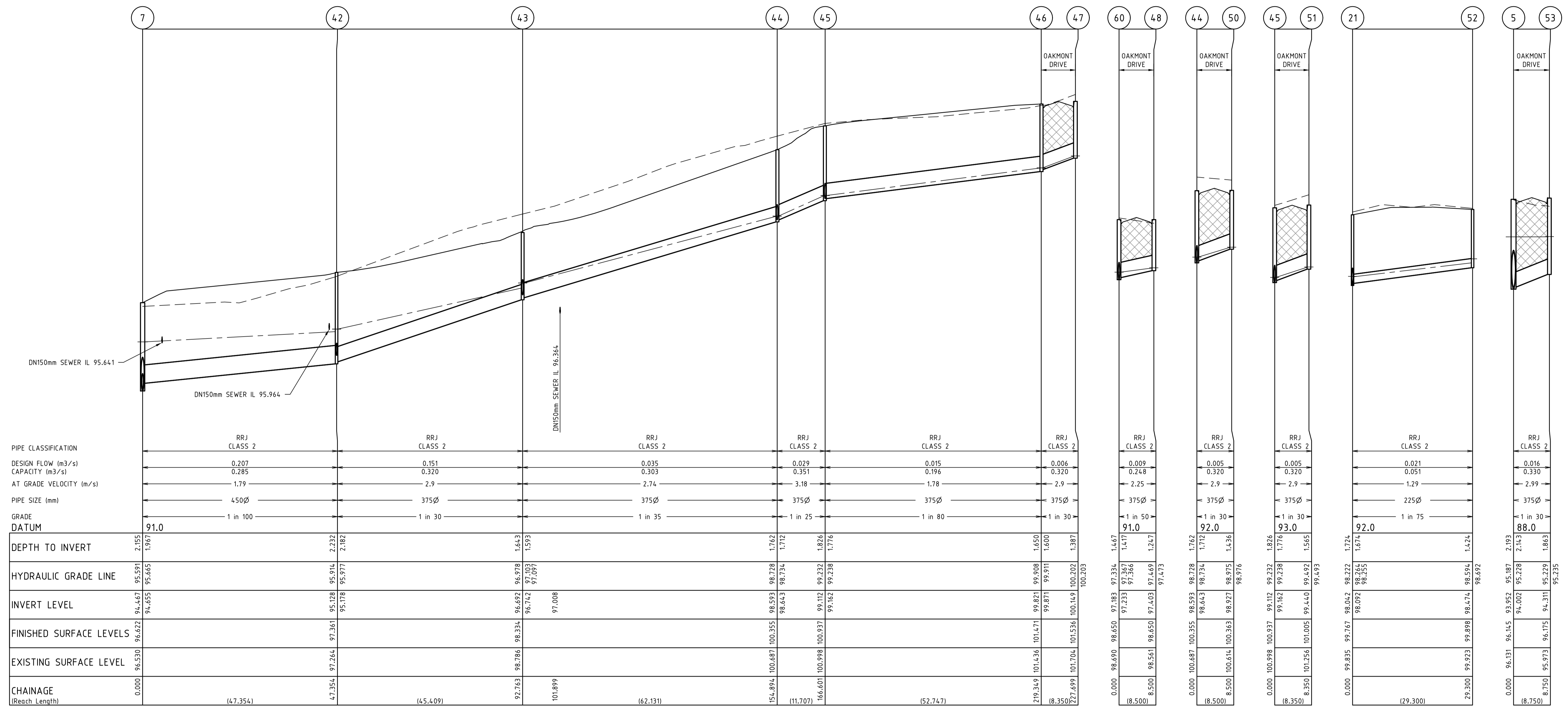
DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
DRAINAGE LONGITUDINAL SECTIONS - 4

Drawing No. 1520-02-26
Sheet No. 26 of 35

Rev 2

ISSUED FOR CONSTRUCTION

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



	7	42	43	44	45	46	47	60	48	44	50	45	51	21	52	5	53	
PIPE CLASSIFICATION	RRJ CLASS 2		RRJ CLASS 2		RRJ CLASS 2		RRJ CLASS 2		RRJ CLASS 2		RRJ CLASS 2		RRJ CLASS 2		RRJ CLASS 2		RRJ CLASS 2	
DESIGN FLOW (m ³ /s)	0.207		0.151		0.035		0.029		0.015		0.009		0.005		0.002		0.016	
CAPACITY (m ³ /s)	0.285		0.320		0.303		0.351		0.196		0.248		0.320		0.051		0.330	
AT GRADE VELOCITY (m/s)	1.79		2.9		2.74		3.18		1.78		2.25		2.9		1.29		2.99	
PIPE SIZE (mm)	450Ø		375Ø		375Ø		375Ø		375Ø		375Ø		375Ø		225Ø		375Ø	
GRADE DATUM	91.0		1 in 30		1 in 35		1 in 25		1 in 80		1 in 50		1 in 30		1 in 75		1 in 30	
DEPTH TO INVERT	2.155	1.967	2.232	2.182	1.643	1.593	1.762	1.712	1.650	1.600	1.650	1.762	1.712	1.826	1.776	1.650	1.600	1.387
HYDRAULIC GRADE LINE	95.591	95.665	95.914	95.977	96.978	97.103	98.728	98.734	99.908	99.911	100.202	97.469	97.473	98.976	98.976	99.492	99.493	100.202
INVERT LEVEL	94.467	94.655	95.128	95.178	96.692	96.742	97.103	97.097	98.821	98.871	100.149	97.403	97.403	98.976	98.976	99.492	99.493	100.149
FINISHED SURFACE LEVELS	96.622	96.622	97.361	97.361	98.334	98.334	100.355	100.355	101.471	101.471	101.536	101.536	101.536	101.536	101.536	101.536	101.536	101.536
EXISTING SURFACE LEVEL	96.530	97.264	97.264	97.264	98.786	98.786	100.687	100.687	101.436	101.436	101.704	101.704	101.704	101.704	101.704	101.704	101.704	101.704
CHAINAGE (Reach Length)	0.000	(47.354)	47.354	(45.409)	92.763	101.899	154.894	(11.707)	166.601	(52.747)	219.349	(8.350)	227.699	(8.500)	236.199	(8.750)	244.949	(8.750)

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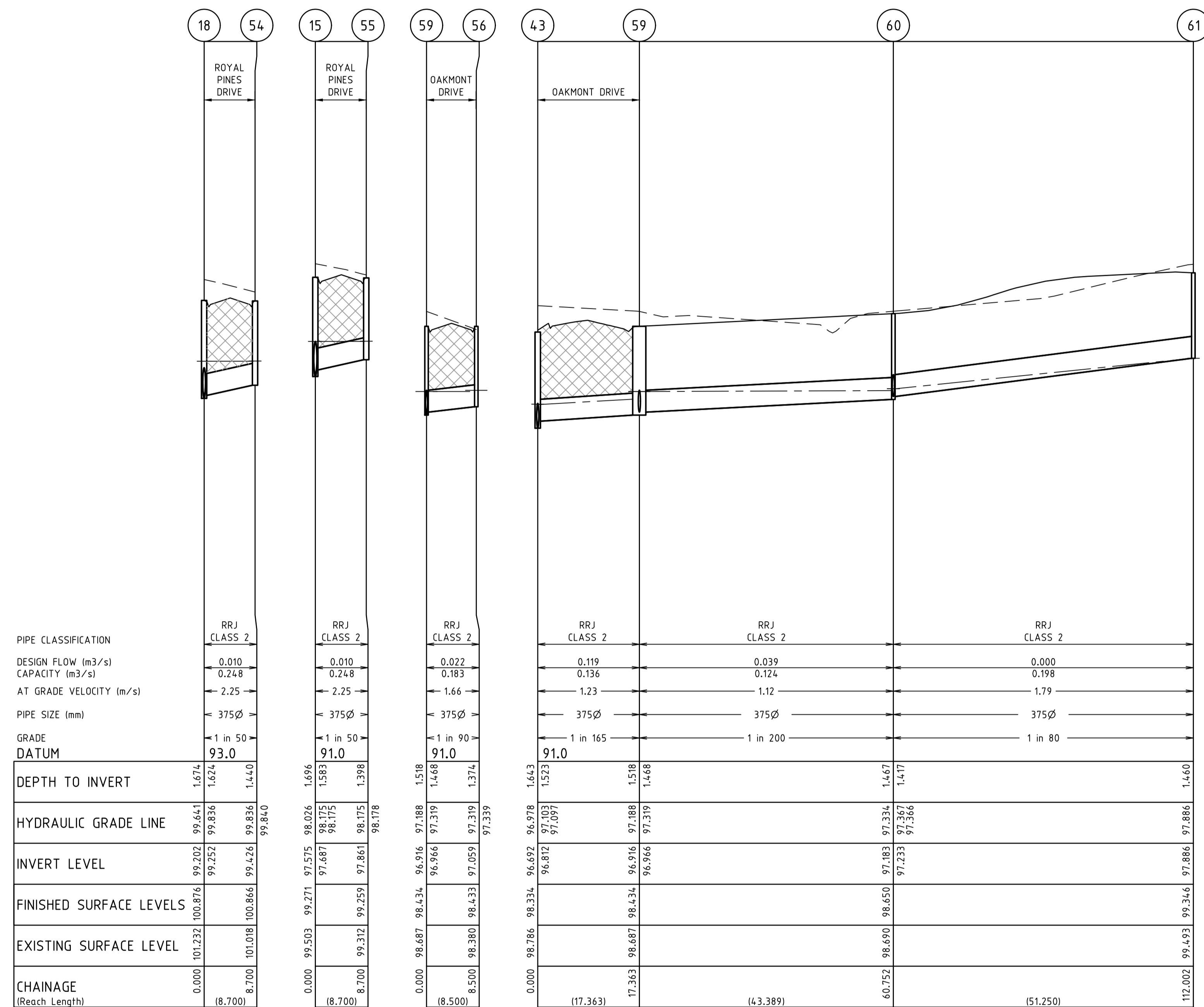
DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
DRAINAGE LONGITUDINAL SECTIONS - 5

Drawing No. 1520-02-27
Sheet No. 27 of 35

Rev 2

ISSUED FOR CONSTRUCTION

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



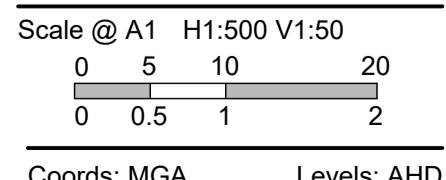
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DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
DRAINAGE LONGITUDINAL SECTIONS - 6

Drawing No. 1520-02-28
Sheet No. 28 of 35

Rev 2

ISSUED FOR CONSTRUCTION

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)				
1	ENDWALL			900	93.610			N/A	N/A		OUTFALL INTO SEDIMENT BASIN
2	SIDE ENTRY PIT	1500	600	900	93.723	900	93.703	96.489	2.713	IDM SD 450	HAUNCHED PIT
4	SIDE ENTRY PIT	900	1350	900	93.812	900	93.792	96.285	2.493		HAUNCHED PIT
5	SIDE ENTRY PIT	1900	1200	900	94.002	900	93.952	96.145	2.193	IDM SD 450	HAUNCHED PIT
6	JUNCTION PIT	900	1200	825	94.267	900	94.217	96.347	2.130		HAUNCHED PIT
7	SIDE ENTRY PIT	900	1050	750	94.517	825	94.467	96.622	2.155	IDM SD 440	HAUNCHED PIT
8	SIDE ENTRY PIT	900	1050	750	94.952	750	94.902	97.209	2.307	IDM SD 440	HAUNCHED PIT
9	JUNCTION PIT	900	1050	750	95.145	750	95.095	97.424	2.329	IDM SD 420	HAUNCHED PIT
10	SIDE ENTRY PIT	1350	1200	675	95.356	750	95.306	97.924	2.617	IDM SD 440 & MW 725/08/408 & MW 725/08/409	DOUBLE HAUNCHED PIT SEE DETAIL B
11	SIDE ENTRY PIT	1350	600	675	95.556	675	95.506	98.493	2.987	IDM SD 440	HAUNCHED PIT
12	SIDE ENTRY PIT	900	900	675	95.962	675	95.912	98.493	2.581	IDM SD 440	HAUNCHED PIT
13	JUNCTION PIT	900	900	675	96.475	675	96.425	98.551	2.127	IDM SD 420	HAUNCHED PIT
14	SIDE ENTRY PIT	900	900	600	96.984	675	96.934	98.827	1.893	IDM SD 440	HAUNCHED PIT
15	SIDE ENTRY PIT	900	1050	525	97.625	600	97.575	99.271	1.696	IDM SD 440	HAUNCHED PIT
16	JUNCTION PIT	900	1050	525	97.948	525	97.898	99.628	1.729	IDM SD 420	HAUNCHED PIT
17	SIDE ENTRY PIT	900	900	525	98.249	525	98.199	99.890	1.690		HAUNCHED PIT
18	JUNCTION PIT	900	900	525	99.107	525	99.057	100.876	1.819	IDM SD 420	HAUNCHED PIT
19	JUNCTION PIT	900	900		99.252		99.953	101.871	1.918	IDM SD 440	HAUNCHED PIT PROVIDE DN225 STUB NORTH WALL @IL100.487 PROVIDE DN450STUB EAST WALL @IL100.003
20	GRADED ENTRY PIT	900	600	375	96.104	375	96.054	97.628	1.574	IDM SD 520	
21	GRADED ENTRY PIT	900	600	375	98.092	375	98.042	99.767	1.724	IDM SD 520	
22	GRADED ENTRY PIT	900	600		98.092		98.162	99.653	1.491	IDM SD 520	
23	GRADED ENTRY PIT	900	600	225	95.936	300	95.886	97.836	1.950	IDM SD 520	
24	GRADED ENTRY PIT	900	600			225	96.821	98.069	1.248	IDM SD 520	
25	JUNCTION PIT	900	600	300	98.200	300	98.150	99.604	1.454	IDM SD 420	
26	GRADED ENTRY PIT	900	600			300	99.004	100.411	1.407	IDM SD 520	
27	SIDE ENTRY PIT	900	600	375	96.113	375	96.063	97.926	1.864	IDM SD 430	
28	GRADED ENTRY PIT	900	600	375	96.614	375	96.564	98.574	2.010	IDM SD 420 *	INSTALL GRATED PIT LID
29	GRADED ENTRY PIT	900	600	375	96.936	375	96.886	98.841	1.955	IDM SD 420 *	INSTALL GRATED PIT LID
30	GRADED ENTRY PIT	900	600			375	97.072	98.886	1.814	IDM SD 420 *	INSTALL GRATED PIT LID
31	ENDWALL			1050	97.500			98.550	1.050		OUTFALL INTO SEDIMENT BASIN
32	GRADED ENTRY PIT	900	1350	900	97.670	1050	97.620	99.750	2.130	IDM SD 420 *	INSTALL GRATED PIT LID HAUNCHED PIT
33	GRADED ENTRY PIT	900	1050	675	97.926	900	97.876	100.066	2.190	IDM SD 420 *	INSTALL GRATED PIT LID HAUNCHED PIT
34	GRADED ENTRY PIT	900	900	600	98.994	675	98.944	101.073	2.129	IDM SD 420 *	INSTALL GRATED PIT LID HAUNCHED PIT
35	JUNCTION PIT	900	900	600	99.860	600	99.810	101.985	2.176	IDM SD 420	HAUNCHED PIT PROVIDE DN450 STUB @IL100.013
36	SIDE ENTRY PIT	900	900			600	99.963	101.950	1.987	IDM SD 440	
37	SIDE ENTRY PIT	900	600	375	97.815	375	97.765	99.699	1.934	IDM SD 440	
38	SIDE ENTRY PIT	900	600			375	98.232	99.646	1.413	IDM SD 430	
39	SIDE ENTRY PIT	900	600			375	94.797	96.666	1.869	IDM SD 430	
40	SIDE ENTRY PIT	900	600			375	95.376	97.239	1.863	IDM SD 430	
41	SIDE ENTRY PIT	900	600			375	97.262	98.827	1.565	IDM SD 440	
42	JUNCTION PIT	900	600	375	95.178	450	95.128	97.361	2.232	IDM SD 420	
43	JUNCTION PIT	900	600	300	95.334						
44	SIDE ENTRY PIT	900	600	375	96.742	375	96.692	98.334	1.643	IDM SD 420	
45	SIDE ENTRY PIT	900	600	375	98.812						
46	SIDE ENTRY PIT	900	600	375	98.643	375	98.593	100.355	1.762	IDM SD 440	
47	SIDE ENTRY PIT	900	600	375	99.162	375	99.112	100.937	1.826	IDM SD 440	
48	SIDE ENTRY PIT	900	600	375	99.162						
49	SIDE ENTRY PIT	900	600	375	99.871	375	99.821	101.471	1.650	IDM SD 440	
50	SIDE ENTRY PIT	900	600			375	100.149	101.536	1.387	IDM SD 430	
51	SIDE ENTRY PIT	900	600			375	97.403	98.650	1.247	IDM SD 440	
52	SIDE ENTRY PIT	900	600			375	98.927	100.363	1.436	IDM SD 440	
53	GRADED ENTRY PIT	900	600			375	99.440	101.005	1.565	IDM SD 430	
54	DOUBLE SIDE ENTRY PIT	1900	600			375	98.474	99.898	1.424	IDM SD 520	
55	SIDE ENTRY PIT	900	600			375	94.311	96.175	1.863	IDM SD 445	
56	SIDE ENTRY PIT	900	600			375	99.426	100.866	1.440	IDM SD 440	
57	SIDE ENTRY PIT	900	600			375	97.861	99.259	1.398	IDM SD 440	
58	DOUBLE SIDE ENTRY PIT	600	1900			375	97.059	98.433	1.374	IDM SD 450	
59	DOUBLE SIDE ENTRY PIT	600	1900	375	96.966	375	96.916	98.434	1.518	IDM SD 450	
60	SIDE ENTRY PIT	900	600	375	96.966						
61	SIDE ENTRY PIT	900	600	375	97.233	375	97.183	98.65	1.467	IDM SD 440	
62	JUNCTION PIT	900	600			375	97.233			IDM SD 420	

* Denotes that the IDM Standard drawing requires minor amendments (as per adjacent comment)

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REVISION	DATE	DES/DT	APPD
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DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
PIT SCHEDULE

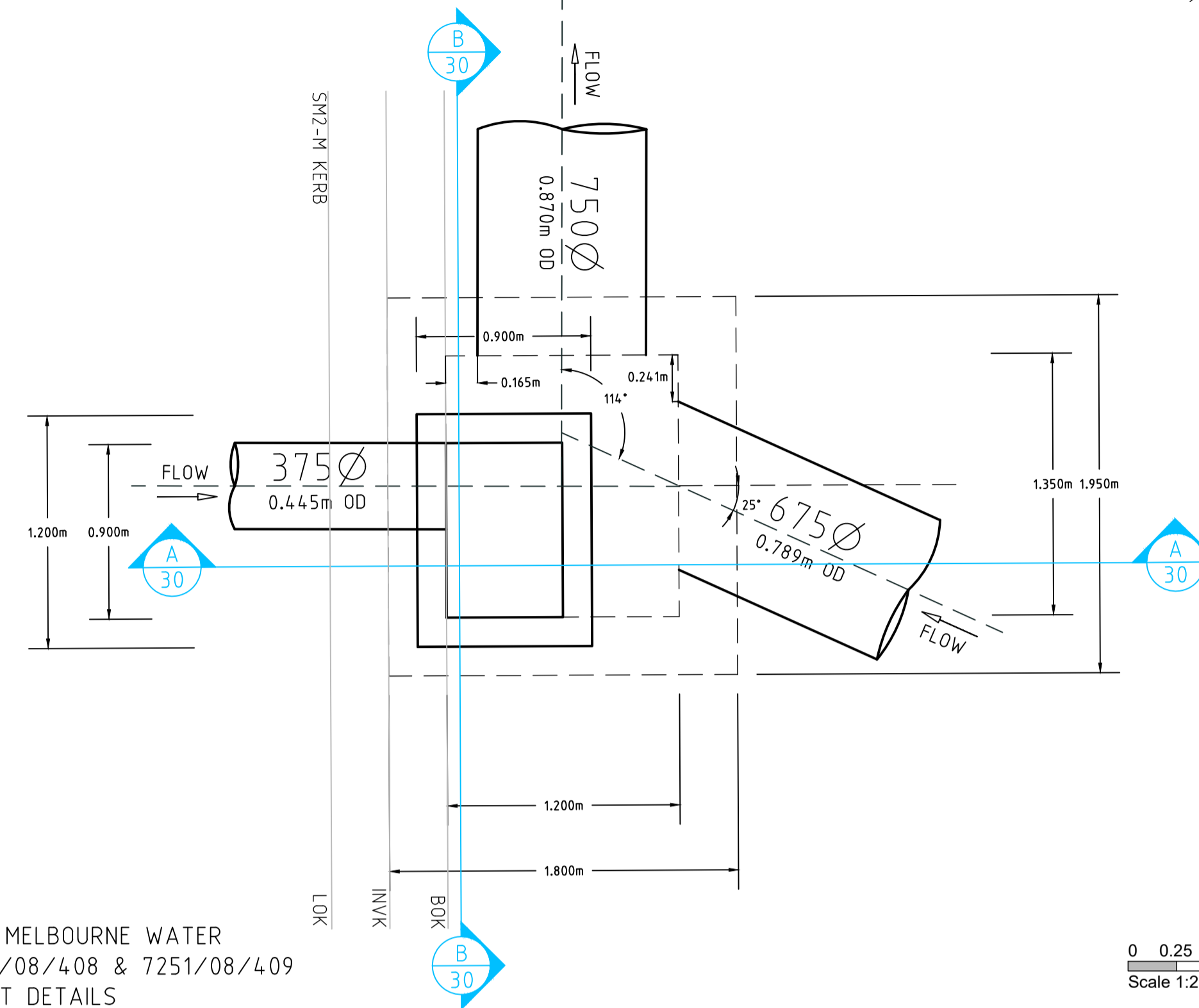
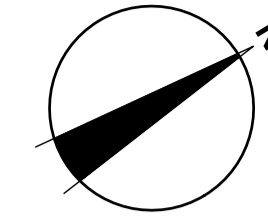
Drawing No. 1520-02-29
Sheet No. 29 of 35

Rev 2

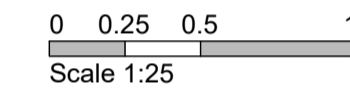
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DETAIL A

PIT 10 DOUBLE HAUNCHED - PLAN VIEW

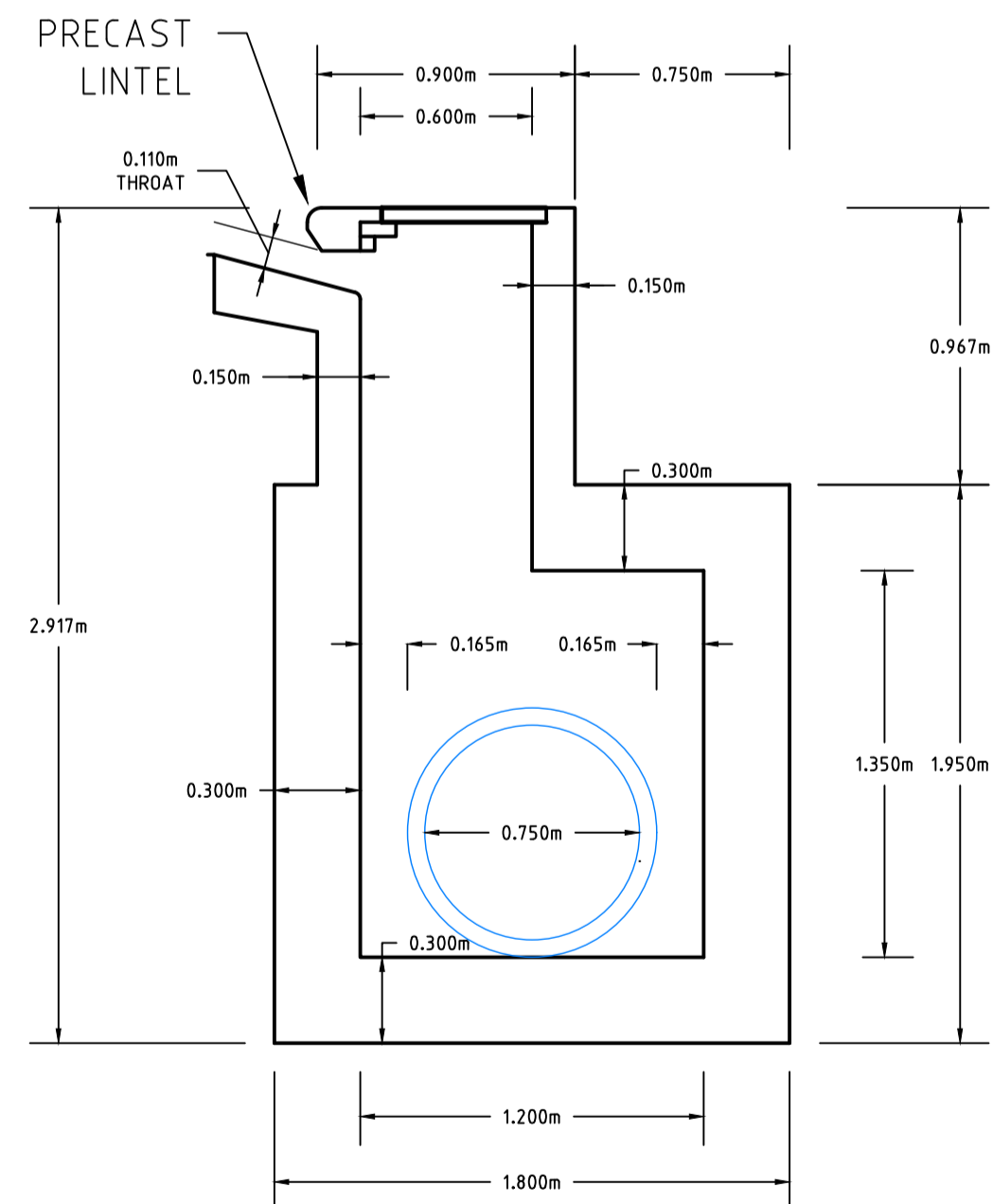


PLEASE REFER TO MELBOURNE WATER
DRAWING No. 7251/08/408 & 7251/08/409
FOR REINFORCEMENT DETAILS



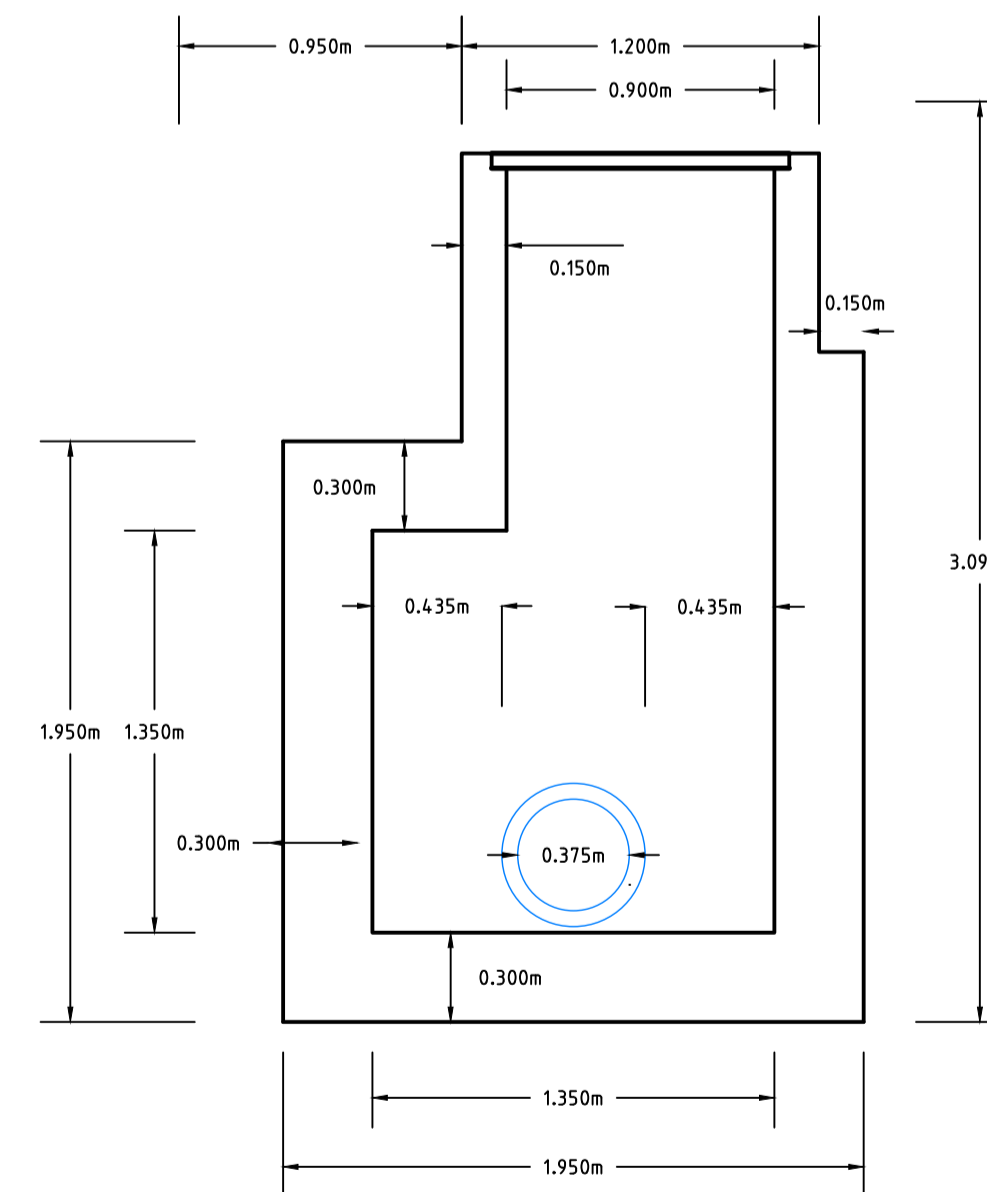
SECTION A

SCALE 1:25



SECTION B

SCALE 1:25

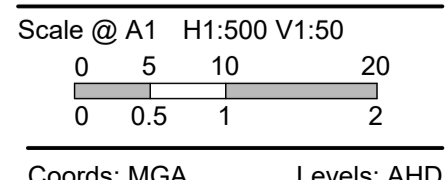


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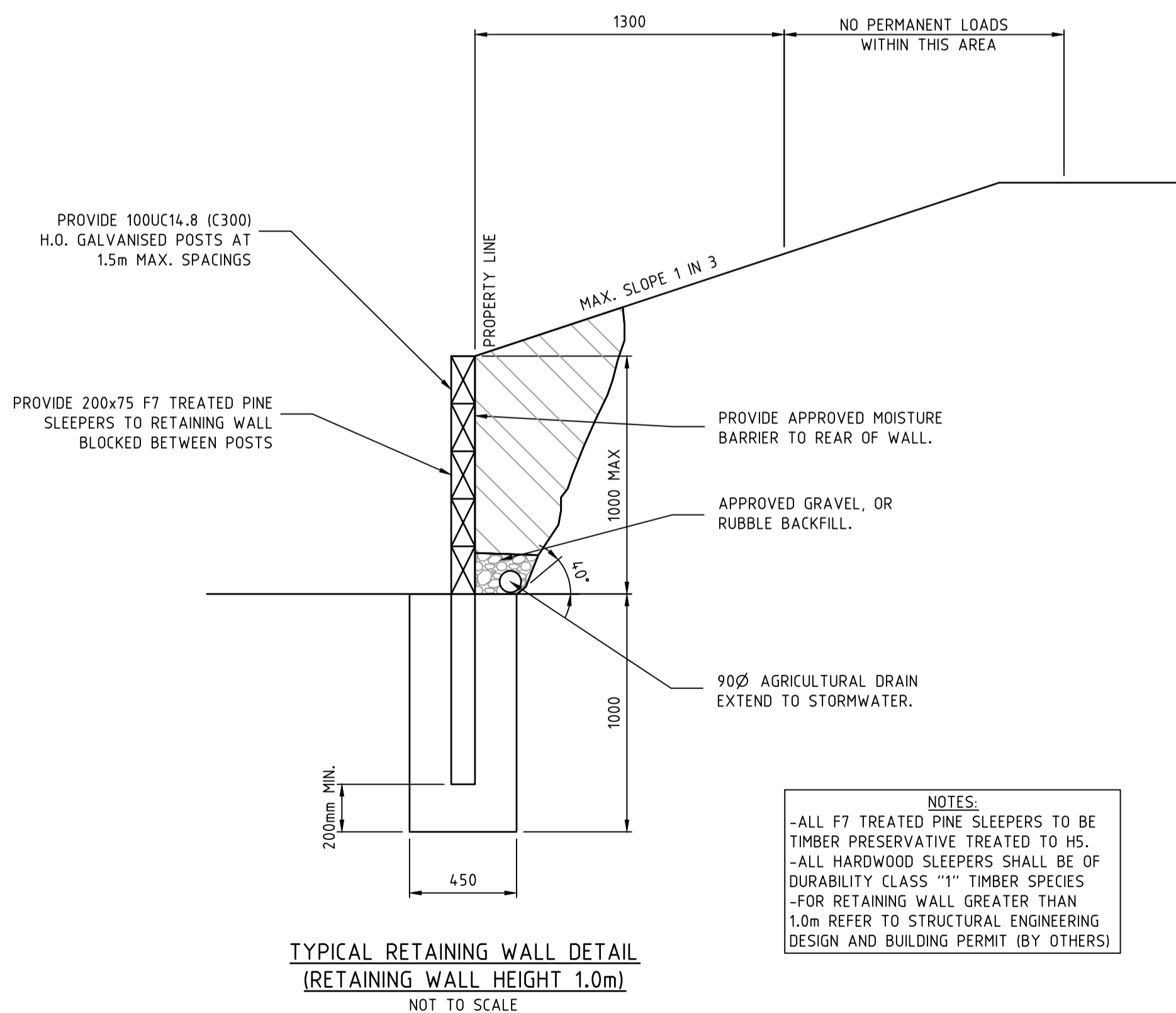
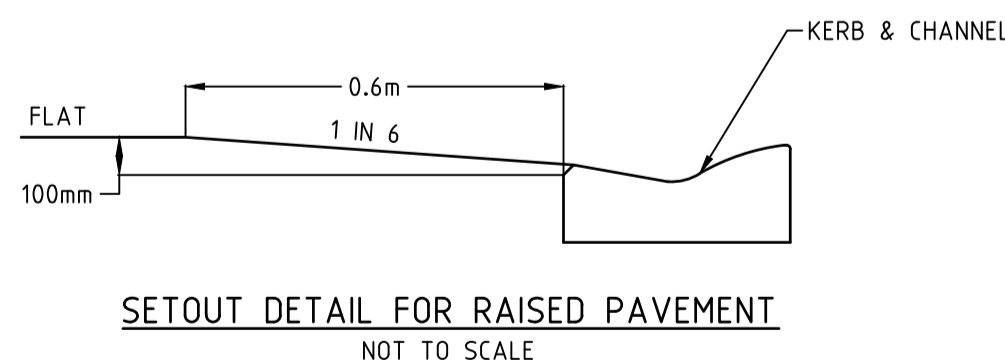
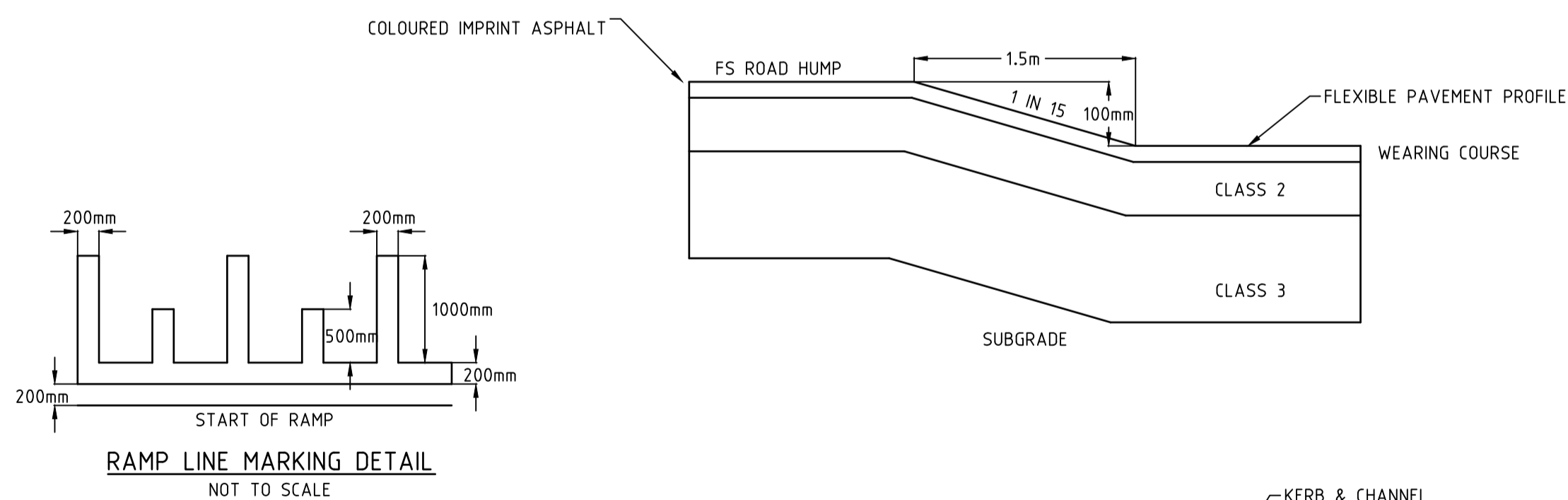
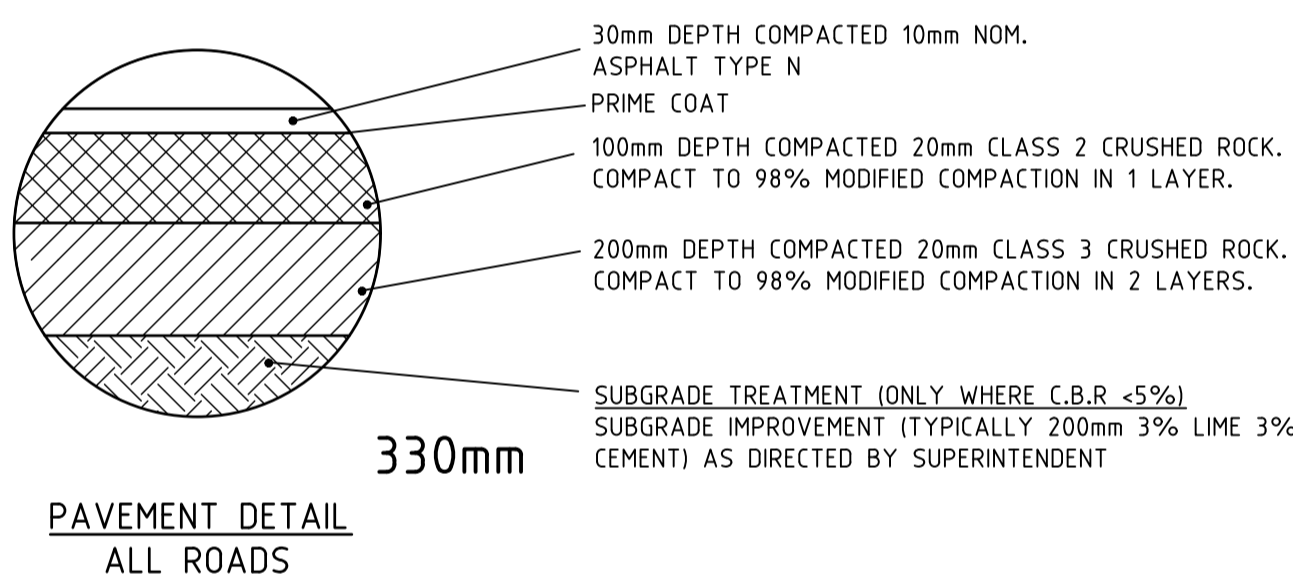
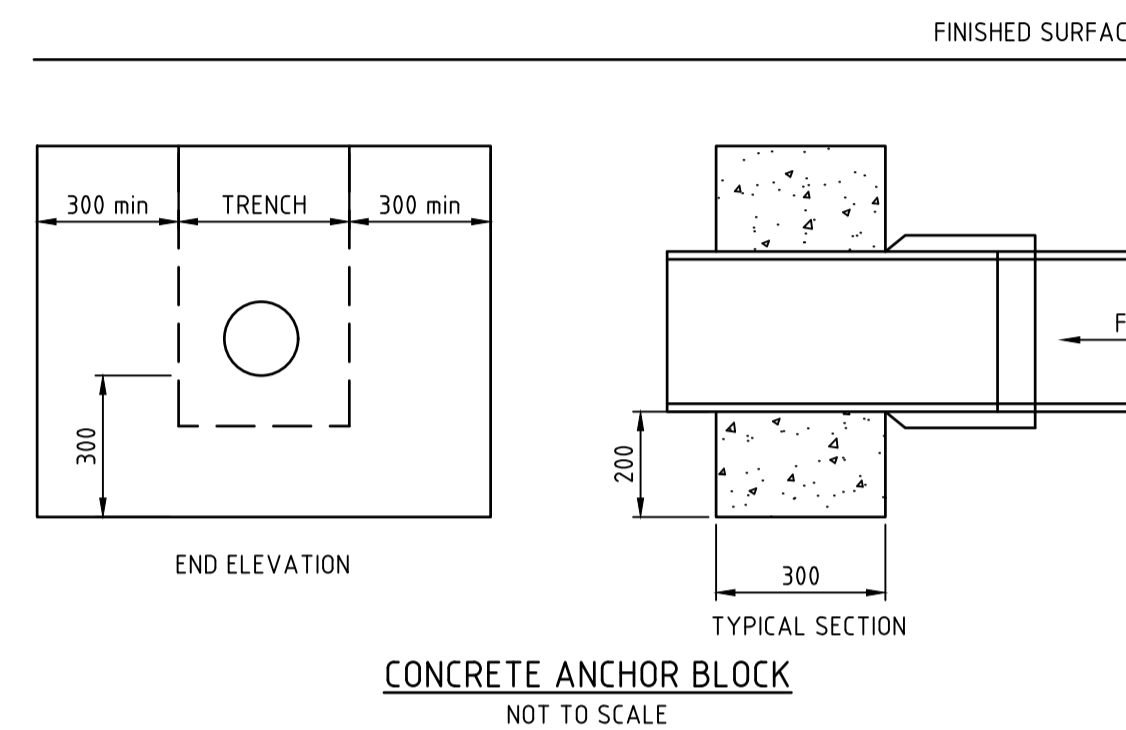
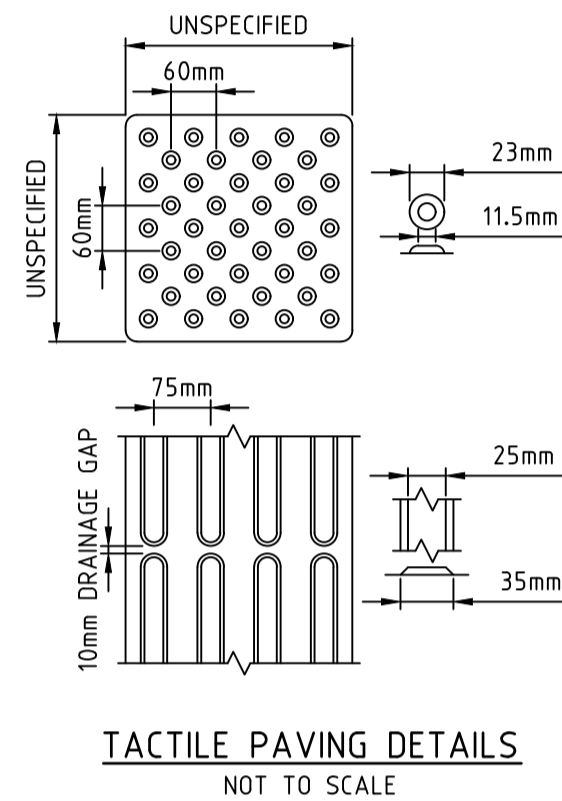
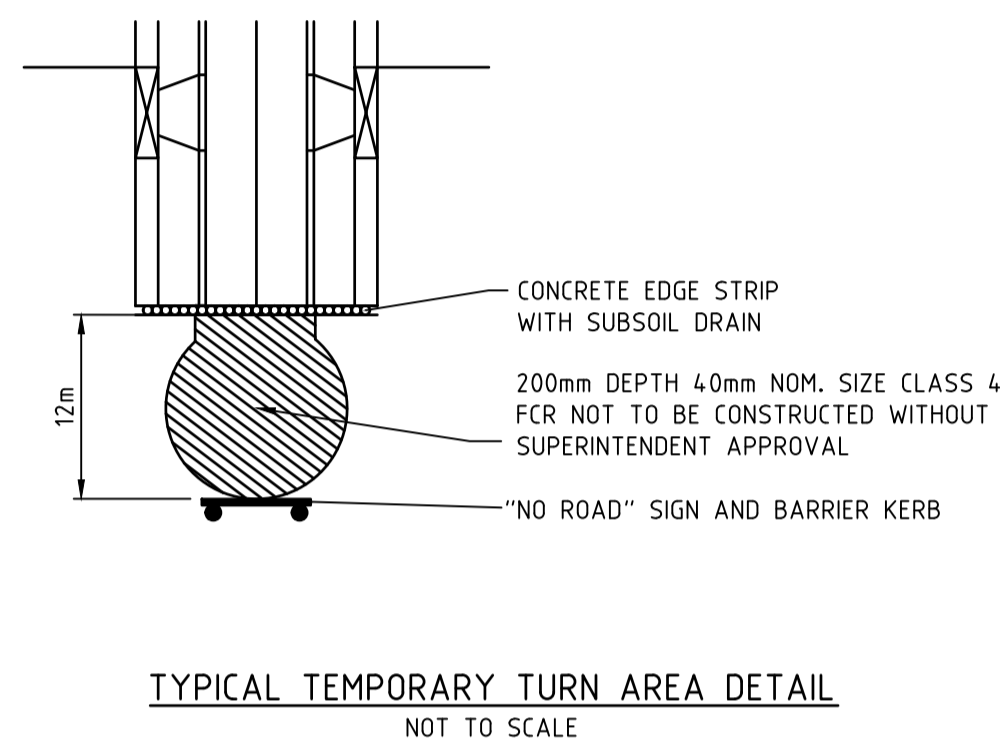
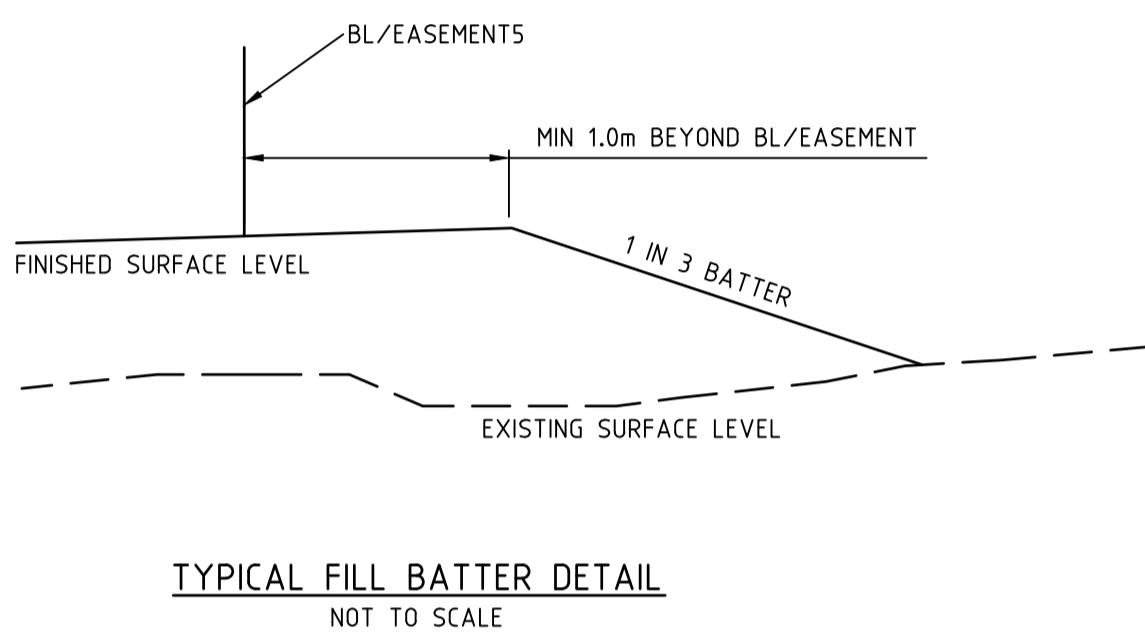
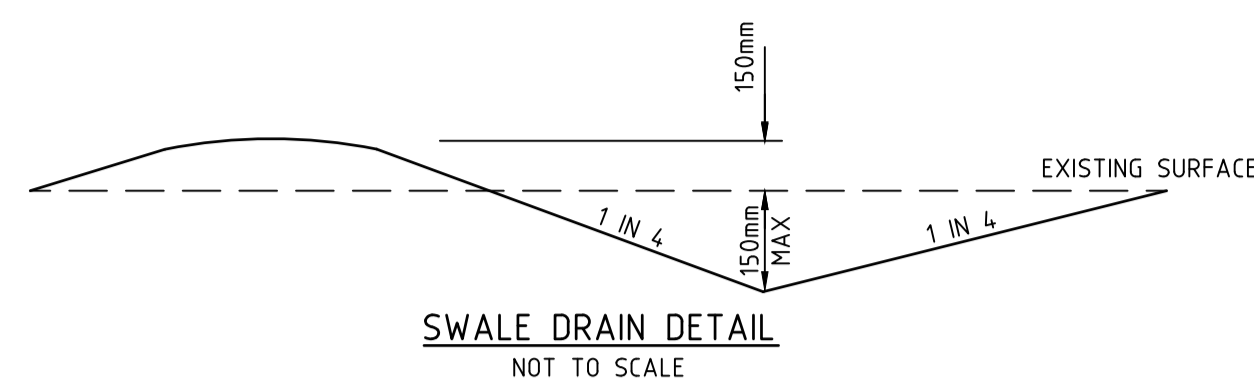
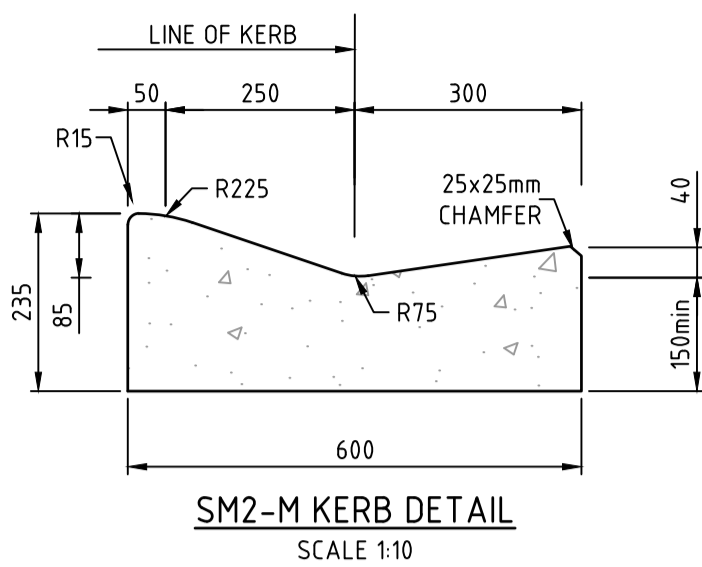
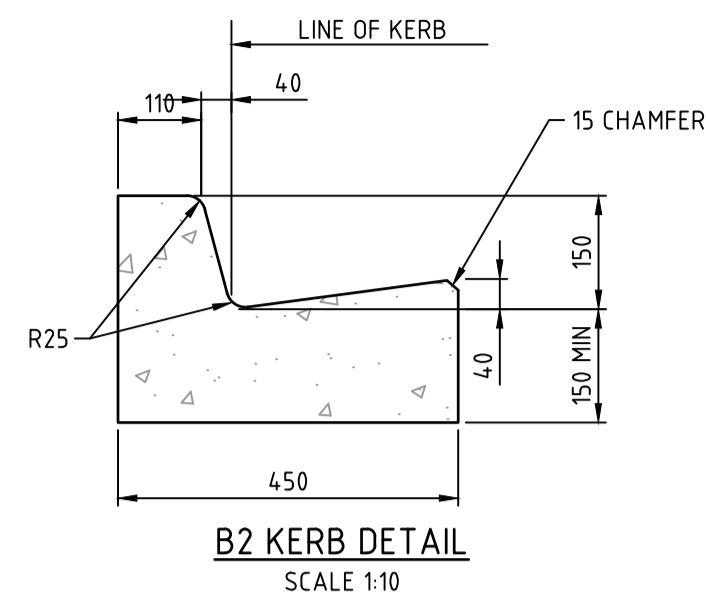
DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
PIT DETAILS

Drawing No. 1520-02-30
Sheet No. 30 of 35

Rev 2

ISSUED FOR CONSTRUCTION

I:\work\1520 - drouin golf club\1520-02-30\dwg\1520-02-30.dwg



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 1.4m 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 (S10), 225Ø TO 900Ø INCLUSIVE TO BE RRJ 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, SHARED PATHS AND OR BICYCLE PATHS 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 - PLA0133/18 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 - PLA0133/18 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 IS TO BE AS PER THE DESIGN PLANS. 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. CONTRACTOR TO WHEREVER POSSIBLE MEET PRAM CROSSING GRADES WHICH NEGATES THE NEED FOR TACTILES IF INSTALLED, TACTILED PAVERS AND GRADES ARE BE IN ACCORDANCE WITH AUSTRALIAN STANDARD AS128.4.
- 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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REVISION	DATE	DES/DT	APPD
2	23.06.21	AC/AC	KT
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A	09/12/20	NG/AC	KT

Principal
Sowsee Pty Ltd
9 Burke Street
Warragul, VIC, 3820

Designed
N.Green
Drawn
A.Cantwell
Checked
M.Warry
Authorised
K.Taylor
Date
May 2020

Scale @ A1 N/A
Coords: MGA Levels: AHD

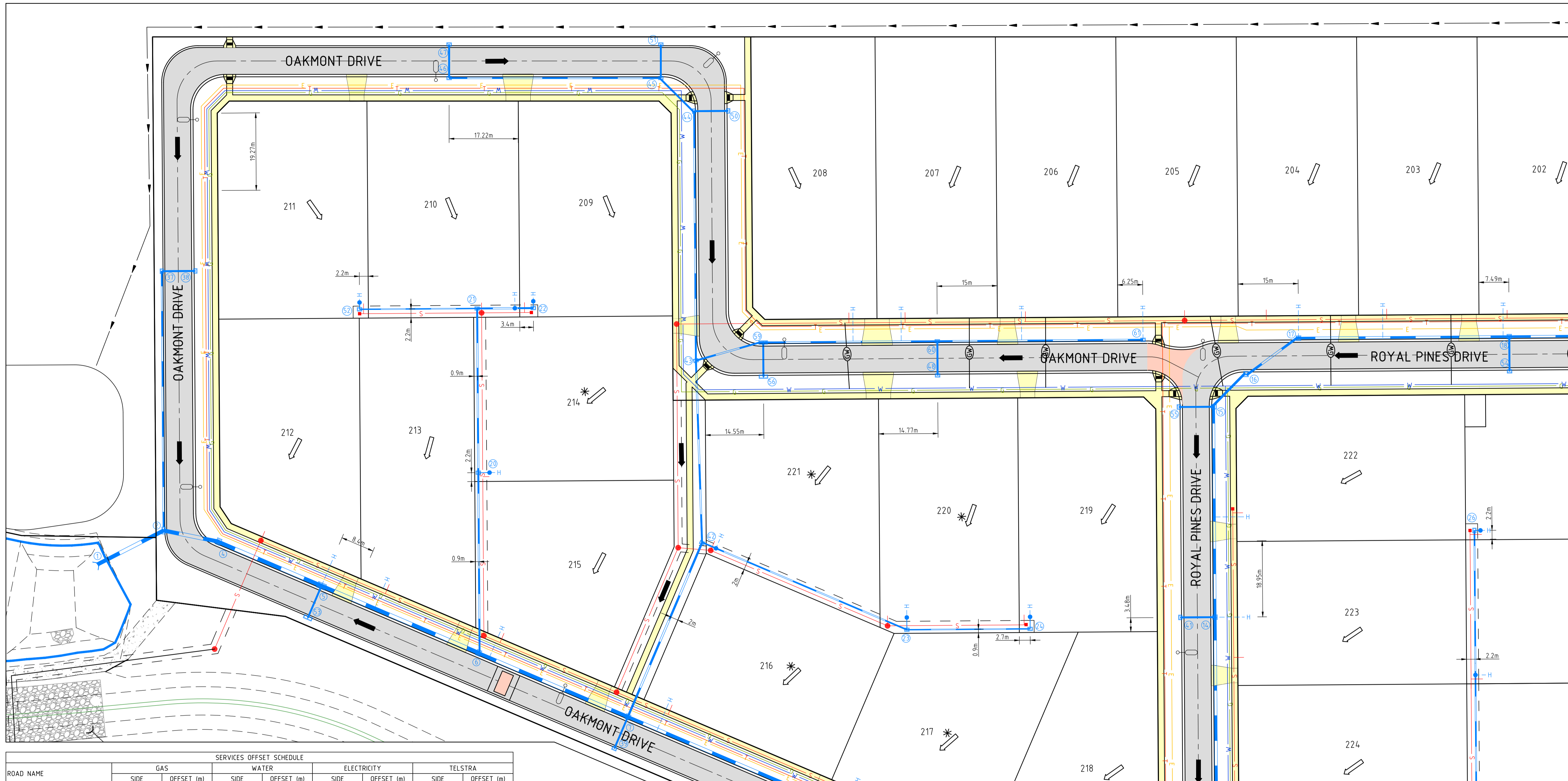
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DROUIN GOLF CLUB
STAGE 2
BAW BAW SHIRE COUNCIL - PLA0133/18
ROADWORKS AND DRAINAGE
GENERAL NOTES & DETAILS

Drawing No. 1520-02-31
Sheet No. 31 of 35



ROAD NAME	SERVICES OFFSET SCHEDULE							
	GAS		WATER		ELECTRICITY		TELSTRA	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)
ROYAL PINES DRIVE	STH/WST	2.10	STH/WST	2.60	NTH/EST	3.50	NTH/EST	1.80
OAKMONT DRIVE (LOT 206-208)	STH/WST	2.10	STH/WST	2.60	NTH/EST	2.60	NTH/EST	1.80
OAKMONT DRIVE (LOT 209-212)	STH/EST	2.10	STH/EST	2.60	STH/EST	4.00	STH/EST	3.20
OAKMONT DRIVE (LOT 212-218)	NTH	2.10	NTH	2.60	NTH	3.70	NTH	3.20
WEDGE LANE (LOT 225-226)	NTH	9.40	NTH	9.90	NTH	7.50	NTH	8.50
WEDGE LANE (LOT 226-229)	WST	2.10	WST	2.60	WST	1.00	WST	1.20

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	
ROAD A	LOCAL ACCESS	20.00	6.70	7.30	7.90	SM2-M	SM2-M	6.05	6.05	
ROAD B (LOT 206-208)	ACCESS PLACE	20.00	6.70	7.30	7.90	SM2-M	SM2-M	6.05	6.05	
ROAD B (LOT 209-212)	ACCESS PLACE	16.00	6.70	7.30	7.75	B2	SM2-M	2.20	6.05	
ROAD B (LOT 212-218)	ACCESS PLACE	16.00	6.70	7.30	7.75	SM2-M	B2	6.05	2.20	
LANE C (LOT 225-226)	ACCESS LANE	16.00	3.50	-	-	-	-	1.50	2.00	
LANE C (LOT 226-229)	ACCESS LANE	7.00	3.50	-	-	-	-	10.50	2.00	

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 RISING MAIN
- EXISTING STORMWATER DRAIN
- EXISTING RECYCLED WATER
- 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 RETAINED/REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY
- PROPOSED STREET LIGHT

SEE DWG 1520-02-32 CONTINUATION

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.
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 Sowsee Pty Ltd
 9 Burke Street
 Warragul, VIC, 3820

Designed
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 Drawn
 A.Cantwell
 Checked
 M.Warry
 Authorised
 K.Taylor
 Date
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Scale @ A1 1:500
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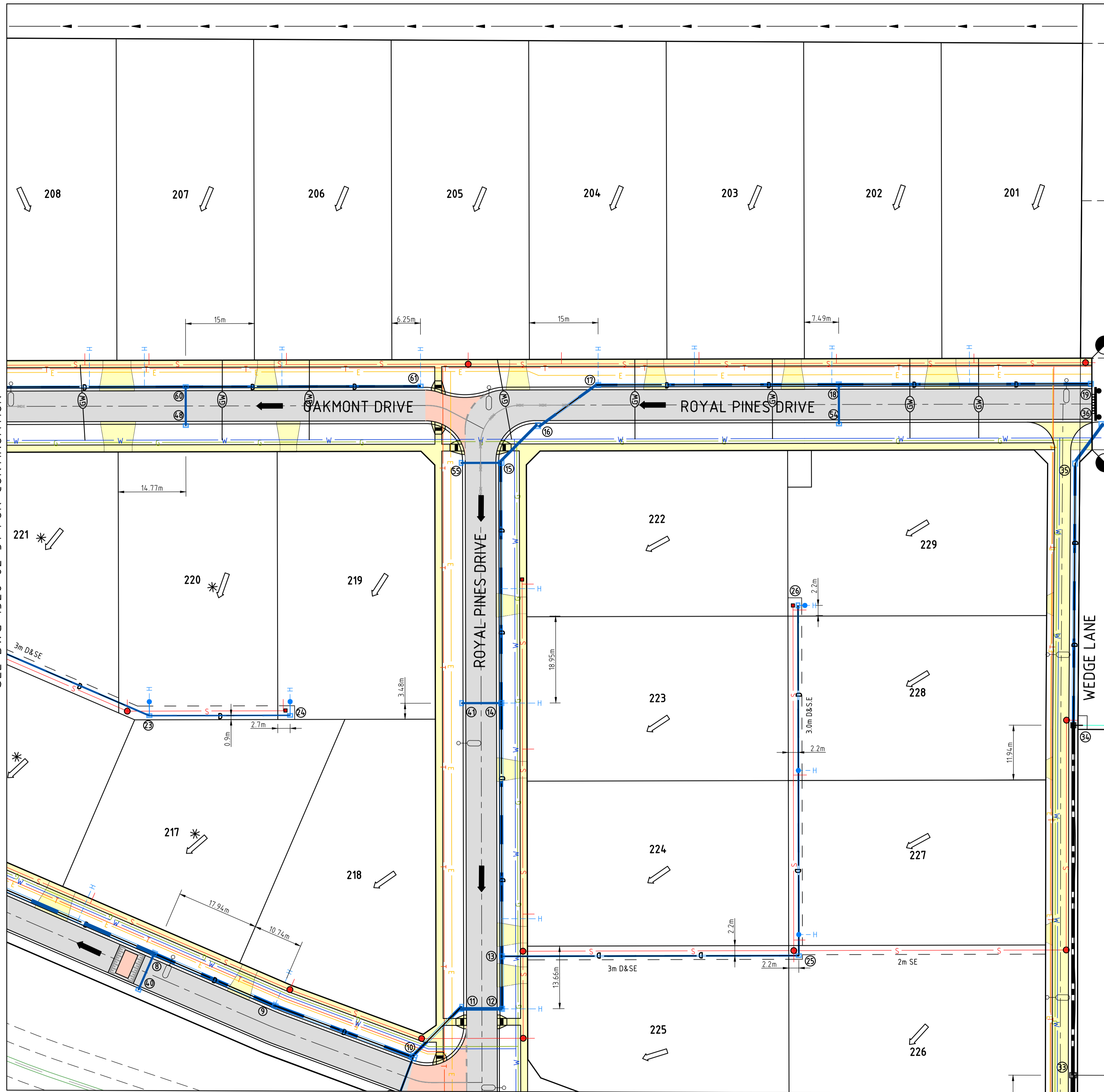
DROUIN GOLF CLUB
 STAGE 2
 BAW BAW SHIRE COUNCIL - PLA0133/18
 ROADWORKS AND DRAINAGE
 MASTER SERVICES PLAN - 1

Drawing No. 1520-02-32
 Sheet No. 32 of 35
 Rev 2

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SEE DWG 1520-02-31 FOR CONTINUATION



SEE INSET FOR CONTINUATION

LEGEND - FUNCTIONAL LAYOUT PLAN

- E — ELECTRICITY (UNDERGROUND)
- G — GAS
- T — TELSTRA
- W — WATER
- RW — RECYCLED WATER
- D — STORMWATER DRAIN, PIT & PROPERTY INLET
- SW — SWALE DRAIN
- S — SEWER & MAINTENANCE STRUCTURES
- H — HOUSE DRAIN
- SC — SERVICE CONDUITS
- TP — TACTILE PAVERS
- Ex E — EXISTING ELECTRICITY (UNDERGROUND)
- O/H E — EXISTING ELECTRICITY (OVERHEAD)
- Ex G — EXISTING GAS
- Ex T — EXISTING TELSTRA
- Ex W — EXISTING WATER
- Ex RW — EXISTING RECYCLED WATER
- Ex D — EXISTING STORMWATER DRAIN
- Ex S — EXISTING SEWER
- Ex H — EXISTING HOUSE DRAIN
- Ex SW — EXISTING SWALE DRAIN
- — — — — ZERO LOT LINES
- — — — — PAVEMENT TREATMENT
- — — — — DIRECTION OF FALL
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- — — — — LIMIT OF WORKS
- — — — — EXISTING TREE TO BE REMOVED
- — — — — EXISTING SEWER RISING MAIN

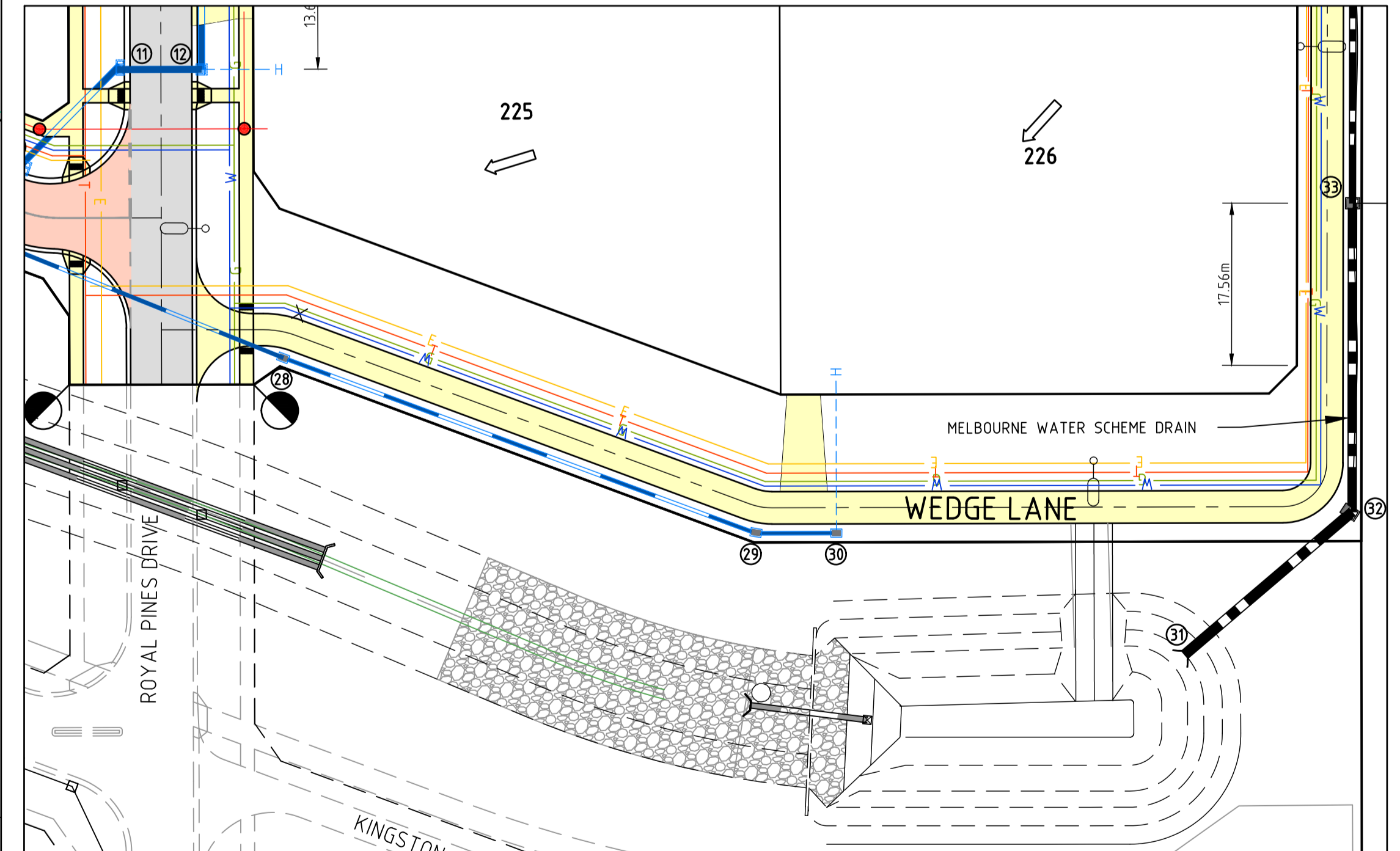
ROAD LAYOUT TABLE

ROAD NAME	ROAD CLASSIFICATION	RESERVE WIDTH (m)	ROAD WIDTH (m)			KERB TYPE		VERGE WIDTH (m)	
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LANE C (LOT 225-226)	ACCESS LANE	16.00	3.50	-	-	-	-	1.50	2.00
LANE C (LOT 226-229)	ACCESS LANE	7.00	3.50	-	-	-	-	10.50	2.00

SERVICES OFFSET SCHEDULE

ROAD NAME	GAS		WATER		ELECTRICITY		TELSTRA	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)
ROYAL PINES DRIVE	STH/WST	2.10	STH/WST	2.60	NTH/EST	3.50	NTH/EST	1.80
OAKMONT DRIVE (LOT 206-208)	STH/WST	2.10	STH/WST	2.60	NTH/EST	2.60	NTH/EST	1.80
OAKMONT DRIVE (LOT 209-212)	STH/WST	2.10	STH/EST	2.60	STH/EST	4.00	STH/EST	3.20
OAKMONT DRIVE (LOT 212-218)	NTH	2.10	NTH	2.60	NTH	3.70	NTH	3.20
WEDGE LANE (LOT 225-226)	NTH	9.40	NTH	9.90	NTH	7.50	NTH	8.50
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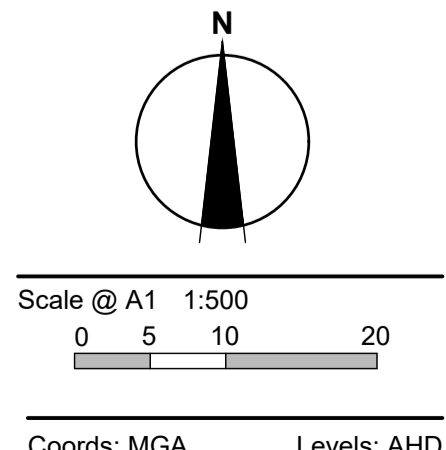


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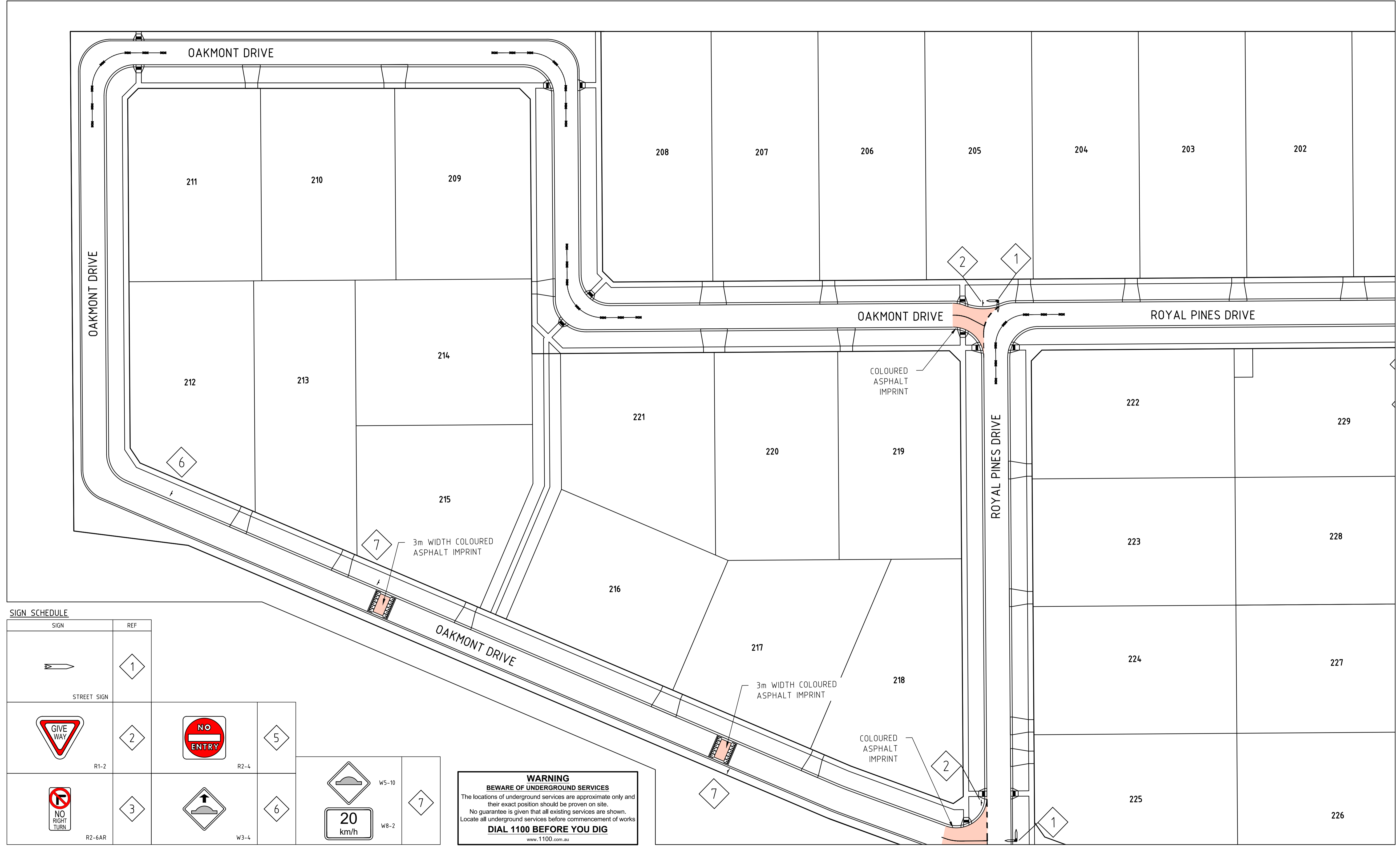
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DROUIN GOLF CLUB
 STAGE 2
 BAW BAW SHIRE COUNCIL - PLA0133/18
 ROADWORKS AND DRAINAGE
 MASTER SERVICES PLAN - 2

Drawing No. 1520-02-33
 Sheet No. 33 of 35
 Rev 2

ISSUED FOR CONSTRUCTION

Engineering Design | Development Coordination | Construction Management



SIGN SCHEDULE

SIGN	REF
	1
STREET SIGN	
	2
R1-2	
	5
R2-4	
	3
R2-6AR	
	6
W3-4	
	7
W5-10	
	7
W8-2	

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.
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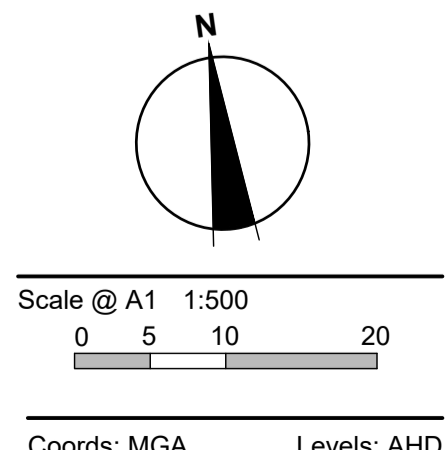
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2	23.06.21	AC/AC	KT
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0	08/04/21	NG/NG	KT
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Principal
 Sowsee Pty Ltd
 9 Burke Street
 Warragul, VIC, 3820

Designed
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 Drawn
 A.Cantwell
 Checked
 M.Warry
 Authorised
 K.Taylor
 Date
 May 2020



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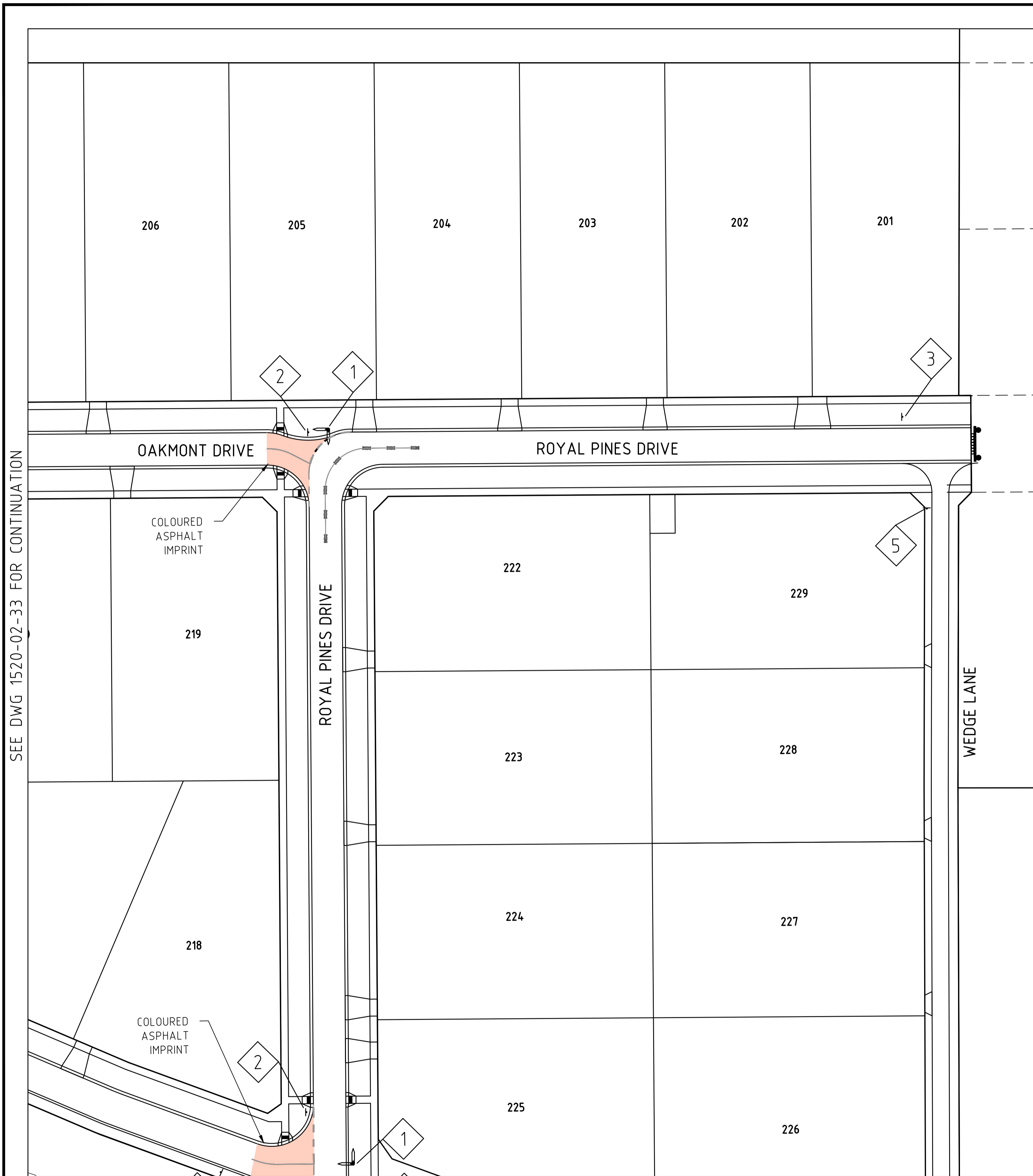
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DROUIN GOLF CLUB
 STAGE 2
 BAW BAW SHIRE COUNCIL - PLA0133/18
 ROADWORKS AND DRAINAGE
 SIGNAGE & LINEMARKING PLAN - 1

Drawing No. 1520-02-34
 Sheet No. 34 of 35

Rev 2

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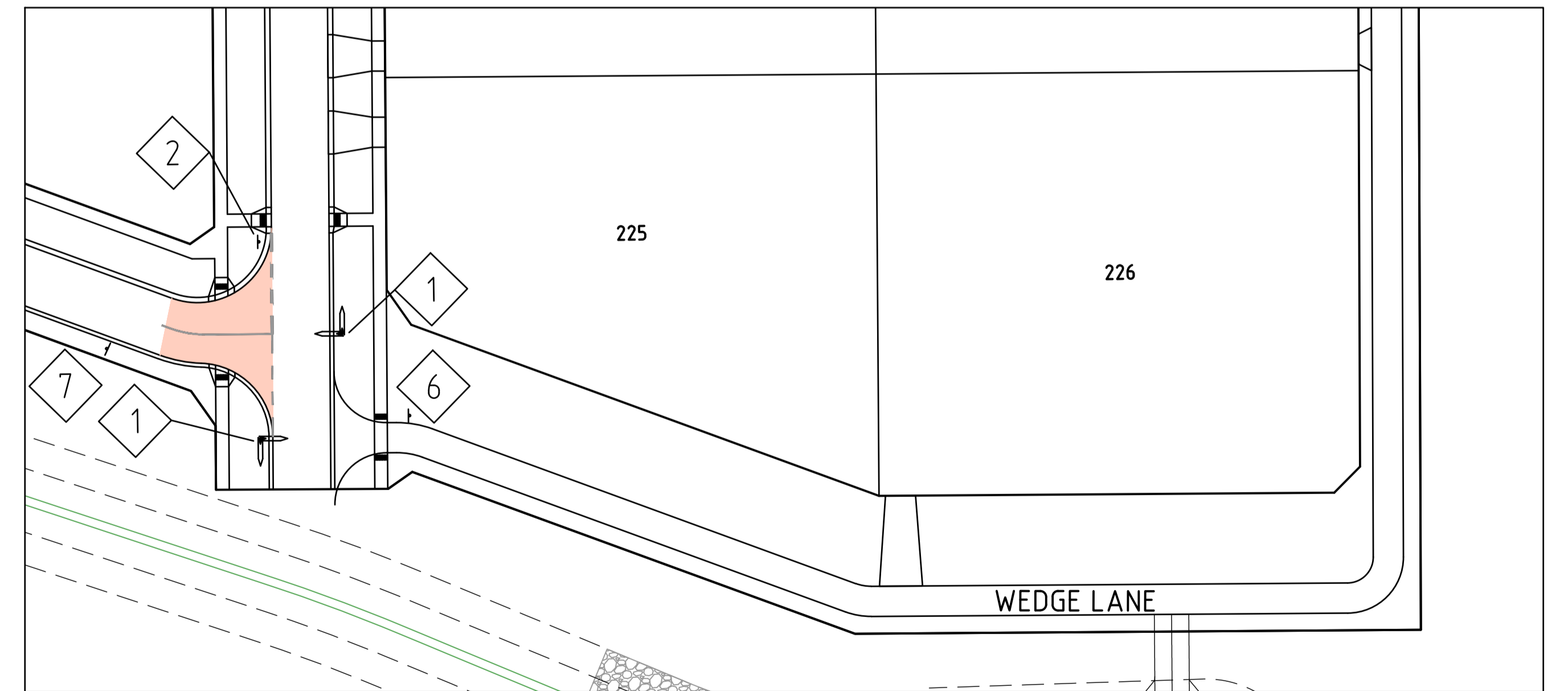
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SEE INSET FOR CONTINUATION

SIGN SCHEDULE

SIGN	REF		
	1		5
STREET SIGN		R2-4A	
	2		6
R1-2A		R2-17A	
	3		7
R2-6AR		W3-4	

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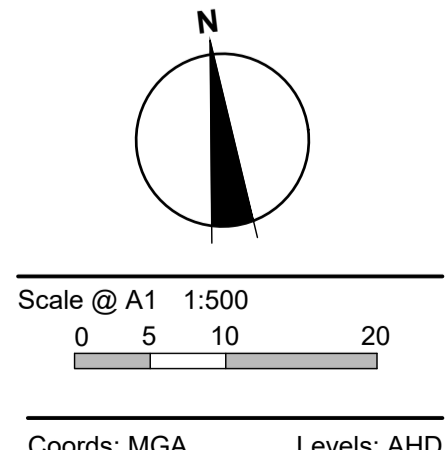


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DROUIN GOLF CLUB
 STAGE 2
 BAW BAW SHIRE COUNCIL - PLA0133/18
 ROADWORKS AND DRAINAGE
 SIGNAGE & LINEMARKING PLAN - 2

Drawing No. 1520-02-35
 Sheet No. 35 of 35

Rev 2

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SEE DWG 1520-02-96 FOR CONTINUATION

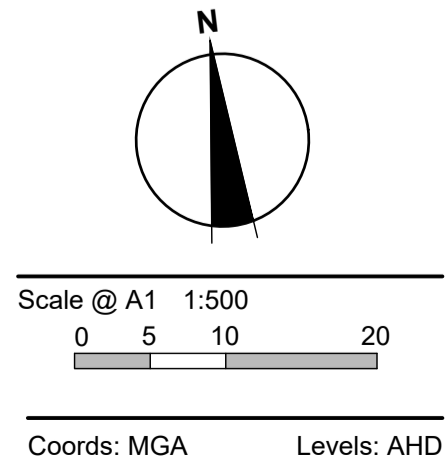
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THE FAIRWAYS

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DROUIN GOLF CLUB
 STAGE 2
 BAW BAW SHIRE COUNCIL - PLA0133/18
 ROADWORKS AND DRAINAGE
 CATCHMENT PLAN - 1

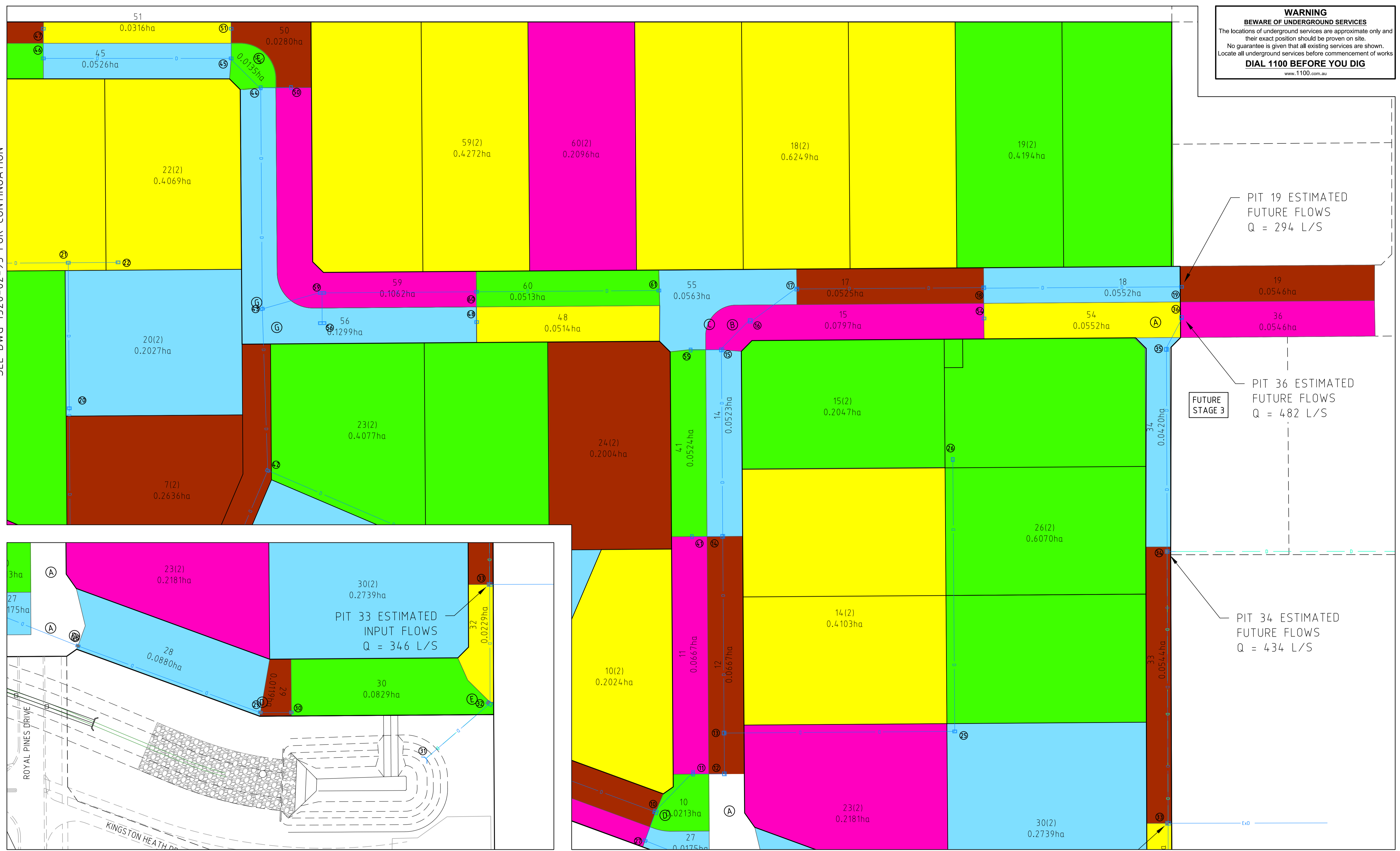
Drawing No. 1520-02-95
 Sheet No. 01 of 02
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PIT 19 ESTIMATED FUTURE FLOWS
 Q = 294 L/S

FUTURE STAGE 3
 PIT 36 ESTIMATED FUTURE FLOWS
 Q = 482 L/S

PIT 33 ESTIMATED INPUT FLOWS
 Q = 346 L/S

PIT 34 ESTIMATED FUTURE FLOWS
 Q = 434 L/S

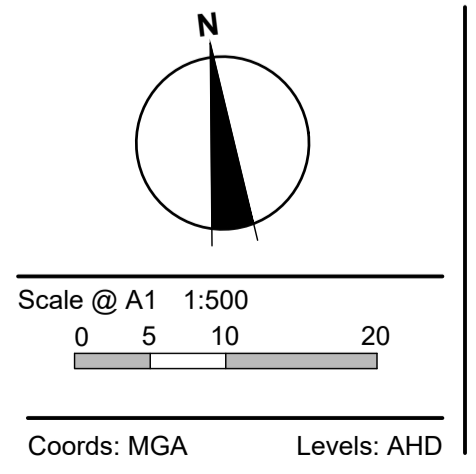
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DROUIN GOLF CLUB
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 ROADWORKS AND DRAINAGE
 CATCHMENT PLAN - 2

Drawing No. 1520-02-96
 Sheet No. 02 of 02

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