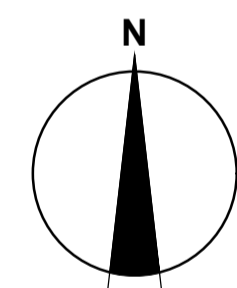
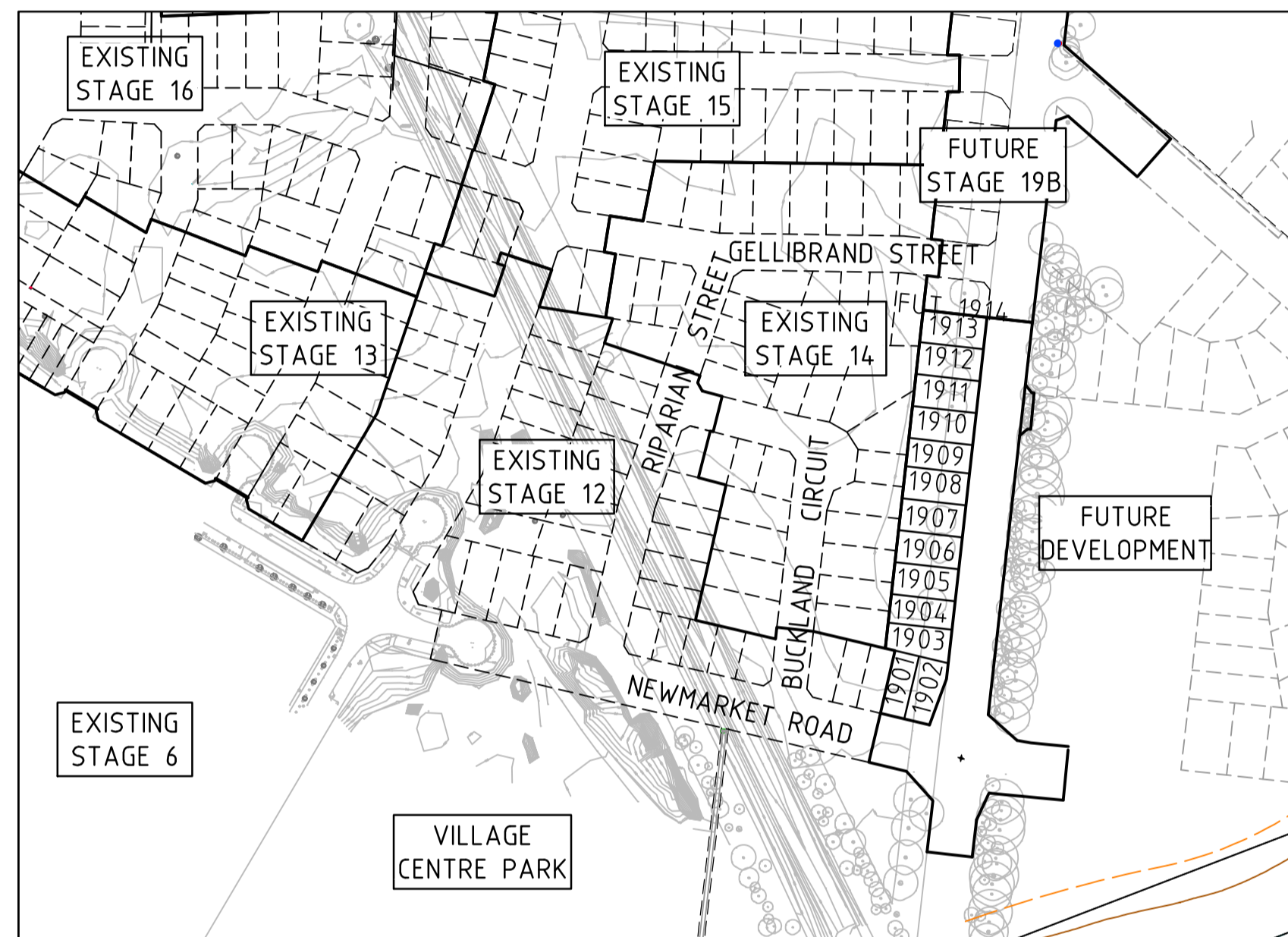


# River Walk

## Stage 19A

### Wyndham City Council



LOCALITY PLAN  
MELWAYS REF: 244 F2



**Principal**  
Development Victoria  
710 Collins Street  
Docklands, Vic - 3008

#### Drawing Index

- 1932E-19A-01 Cover Plan
- 1932E-19A-02 Layout Plan
- 1932E-19A-03 Earthworks Plan
- 1932E-19A-04 Intersection Detail Plan
- 1932E-19A-05 Signs & Linemarking Plan
- 1932E-19A-06 Lip Profiles - 1
- 1932E-19A-07 Lip Profiles - 2
- 1932E-19A-08 Setout Information
- 1932E-19A-09 Longitudinal Section - 1
- 1932E-19A-10 Longitudinal Section - 2
- 1932E-19A-11 Cross Sections : Farm Road : Ch 41.637 - Ch 135.964
- 1932E-19A-12 Cross Sections : Farm Road : Ch 149.964 - Ch 191.964
- 1932E-19A-13 Cross Sections : Farm Road (South of Newmarket Road)
- 1932E-19A-14 Cross Sections : Newmarket Road
- 1932E-19A-15 Drainage Longitudinal Sections & Pit Schedule
- 1932E-19A-16 General Notes & Details
- 1932E-19A-85 Safety In Design
- 1932E-19A-99 Demolition Plan



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A.B.N. 47 065 475 149

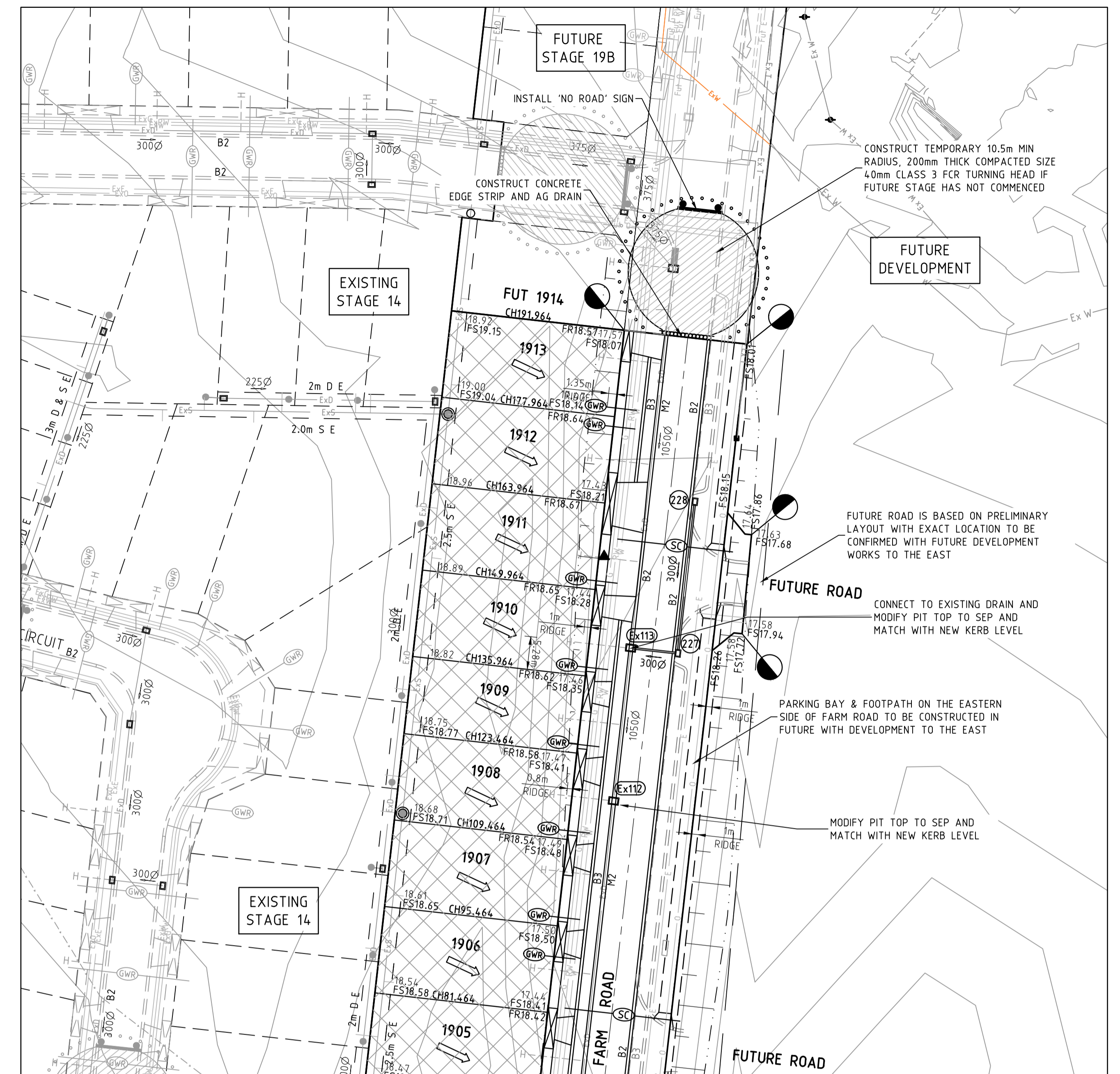
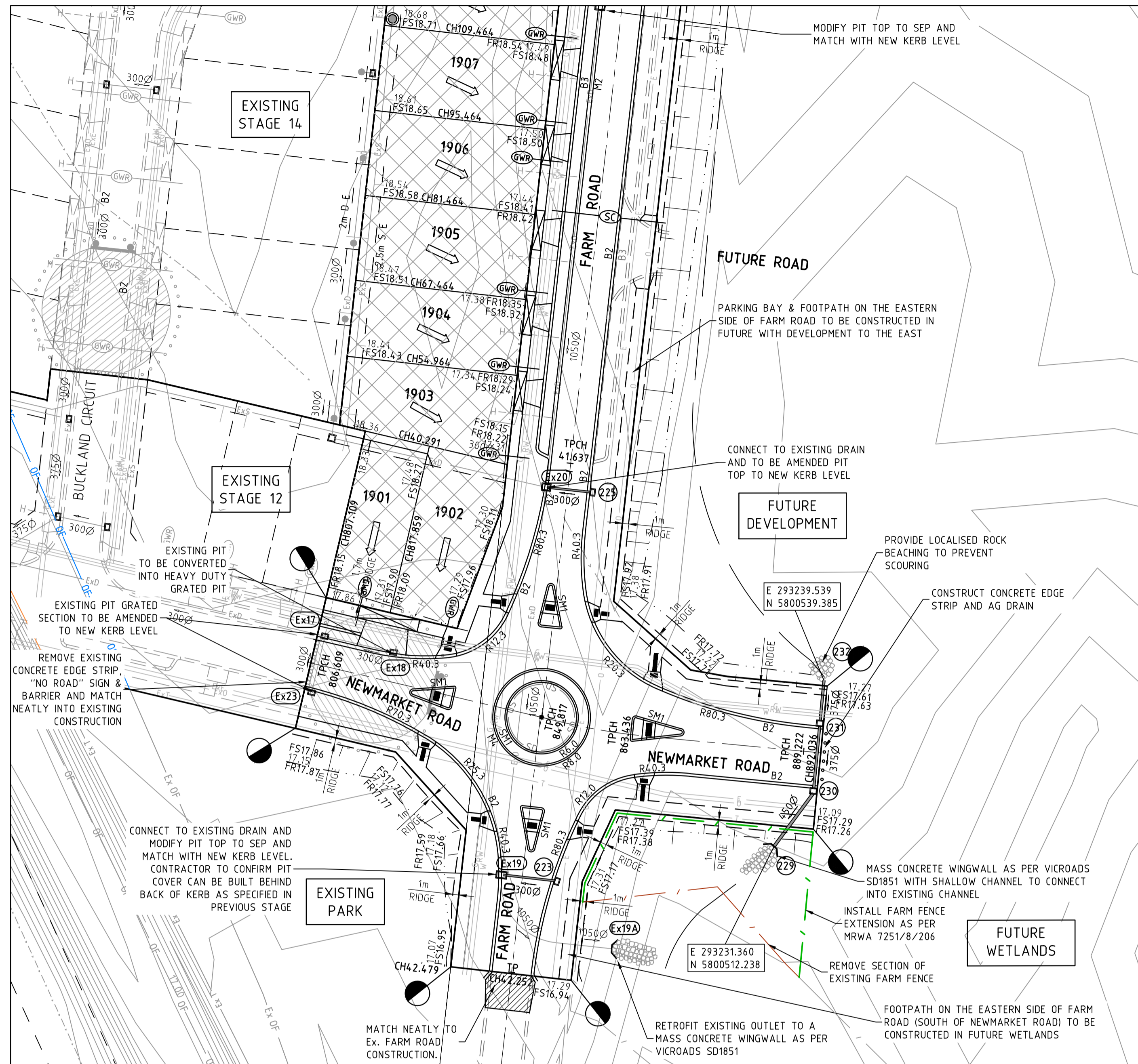
#### **AS CONSTRUCTED PLANS**

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#### **WARNING**

**SAFETY MEASURES REQUIRED**  
Please note there are risks attached to the construction of this project, and any ongoing maintenance of structures. Consider the safety of all. For potential risks, consequences and controls refer to Safety In Design Risk Register SID P4.E6. 1932E-19A-85  
**ASSESS THE RISK - STAY SAFE**

REFER RIGHT BELOW FOR CONTINUATION

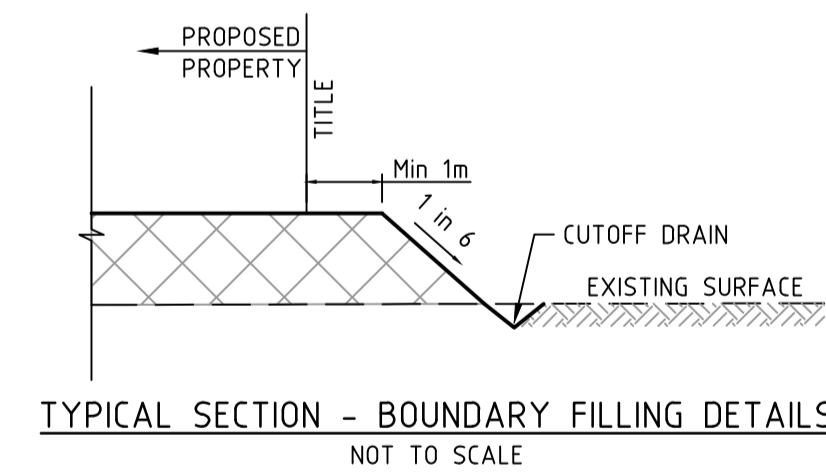


REFER TOP LEFT FOR CONTINUATION

**LEGEND - LAYOUT PLAN**

<ul style="list-style-type: none"> <li>STORMWATER DRAIN, PIT &amp; PROPERTY INLET</li> <li>SWALE DRAIN</li> <li>SEWER &amp; MAINTENANCE STRUCTURES</li> <li>HOUSE DRAIN</li> <li>ELECTRICITY (U.GROUND) (INDICATIVE ONLY)</li> <li>ELECTRICITY (O.HEAD) (INDICATIVE ONLY)</li> <li>GAS (INDICATIVE ONLY)</li> <li>TELSTRA (INDICATIVE ONLY)</li> <li>WATER (INDICATIVE ONLY)</li> <li>RECYCLED WATER (INDICATIVE ONLY)</li> <li>AG. DRAIN (INDICATIVE ONLY)</li> <li>OPTIC FIBRE (INDICATIVE ONLY)</li> <li>SERVICE CONDUITS</li> <li>TACTILE PAVERS</li> </ul>	<ul style="list-style-type: none"> <li>EXISTING RECYCLED WATER</li> <li>EXISTING STORMWATER DRAIN</li> <li>EXISTING SEWER</li> <li>EXISTING HOUSE DRAIN</li> <li>EXISTING SWALE DRAIN</li> <li>EXISTING AG. DRAIN</li> <li>EXISTING SURFACE LEVEL</li> <li>FINISHED BUILDING LINE LEVEL</li> <li>FINISHED RIDGE LINE LEVEL</li> <li>TOP OF RETAINING WALL</li> <li>BOTTOM OF RETAINING WALL</li> <li>RETAINING WALL</li> <li>FUTURE ELECTRICITY (UNDERGROUND)</li> <li>FUTURE ELECTRICITY (OVERHEAD)</li> <li>FUTURE GAS</li> <li>FUTURE TELSTRA</li> <li>FUTURE OPTIC FIBRE</li> <li>FUTURE WATER</li> <li>FUTURE RECYCLED WATER</li> <li>FUTURE STORMWATER DRAIN</li> </ul>	<ul style="list-style-type: none"> <li>FUTURE AG DRAIN</li> <li>FUTURE SEWER</li> <li>FUTURE HOUSE DRAIN</li> <li>ZERO LOT LINES</li> <li>PAVEMENT TREATMENT</li> <li>STRUCTURAL FILL &gt; 200mm DEEP</li> <li>EX. STRUCTURAL FILL &gt; 200mm DEEP</li> <li>DIRECTION OF FALL</li> <li>OVERLAND FLOW</li> <li>ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED</li> <li>CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN &amp; BARRIER</li> <li>LIMIT OF WORKS</li> <li>EXISTING TREE TO BE REMOVED</li> <li>EXISTING TREE TO BE RETAINED</li> <li>PERMANENT SURVEY MARK</li> <li>TEMPORARY BENCH MARK</li> <li>PROPOSED DRIVEWAY</li> </ul>	<ul style="list-style-type: none"> <li>EXISTING GAS (TO BE ABANDONED OR REMOVED)</li> <li>EXISTING TELSTRA (TO BE REMOVED)</li> <li>EXISTING OPTIC FIBRE (TO BE REMOVED)</li> <li>EXISTING WATER (TO BE ABANDONED OR REMOVED)</li> <li>EXISTING ELECTRICITY (UNDERGROUND) (TO BE REMOVED)</li> <li>EXISTING STORMWATER DRAIN (TO BE REMOVED)</li> <li>EXISTING SEWER (TO BE ABANDONED OR REMOVED)</li> </ul>
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- NOTES:**
- ALL EXISTING SERVICES TO BE REMOVED AS PER DISCRETION OF THE RESPONSIBLE AUTHORITY.
  - EX. SEWER PITS TO BE AMENDED TO NEW LEVEL AS MENTIONED IN PLANS

**ISSUED FOR CONSTRUCTION**

**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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ROAD NAME	ROAD CLASSIFICATION	RESERVE WIDTH (m)	ROAD LAYOUT TABLE				KERB TYPE		VERGE WIDTH (m)	
			LIP TO LIP	INV TO INV	BACK TO BACK	NTH/WEST	STH/EAST	NTH/WEST	STH/EAST	
NEWMARKET ROAD	CS	22.00	7.50	8.40	8.70	B2/M2	B2/M2	4.35/6.65	4.35/6.65	
FARM ROAD	AS1	20.00	6.40	7.00	7.30	B2/M2	B2/M2	6.3/VARIES	6.1/VARIES	

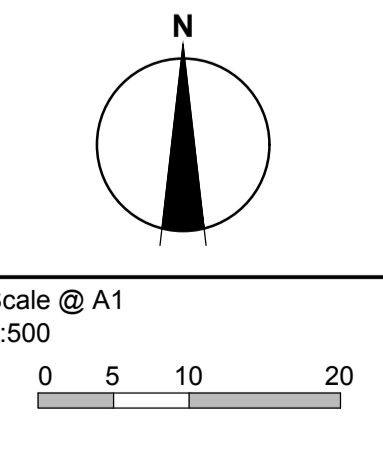
ROAD NAME	SIDE	SERVICES OFFSET SCHEDULE						TELCOM	SEWER
		GAS	WATER	RECYCLED WATER	ELECTRICITY	OPTIC FIBRE			
FUTURE ROAD	NORTH	2.25	3.25	2.75	2.55	1.85			
FARM ROAD	WEST	2.05	3.45	2.70	3.10	2.35			
NEWMARKET ROAD	NORTH	2.55	3.55	3.05	3.70	3.00	SOUTH 0.50	NORTH 1.00	

REVISION	DATE	DES/DFT	APPD
2	31.05.18	BC/SS	MB
1	09.10.17	BC/NG	MB
0	09.10.17	BC/NG	MB

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 Docklands, Vic - 3008

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Designed B. Cheung  
 Drawn N. Shrestha  
 Checked L. Vieira  
 Authorised M. Bouwmeester  
 Date June 2016

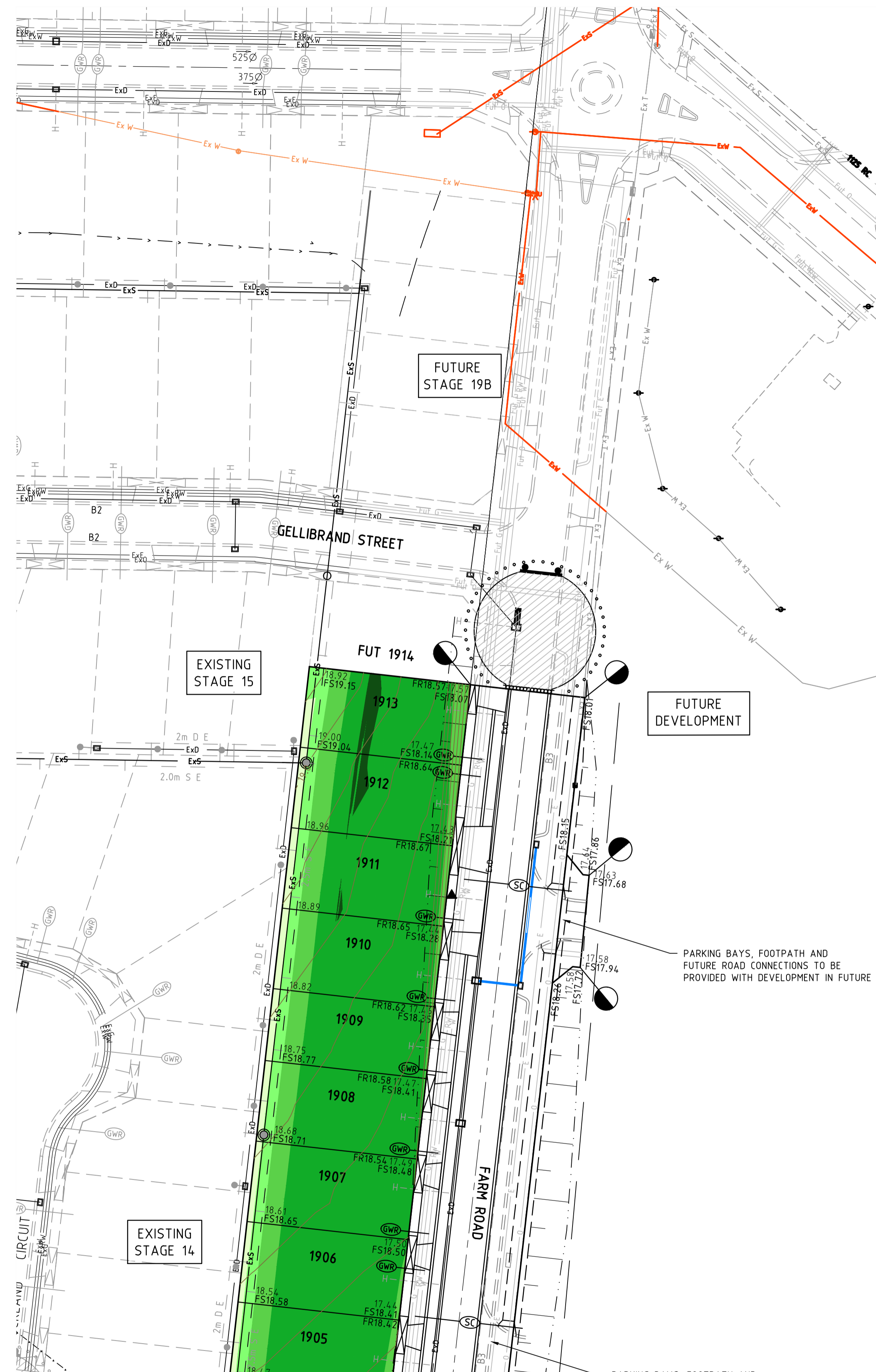
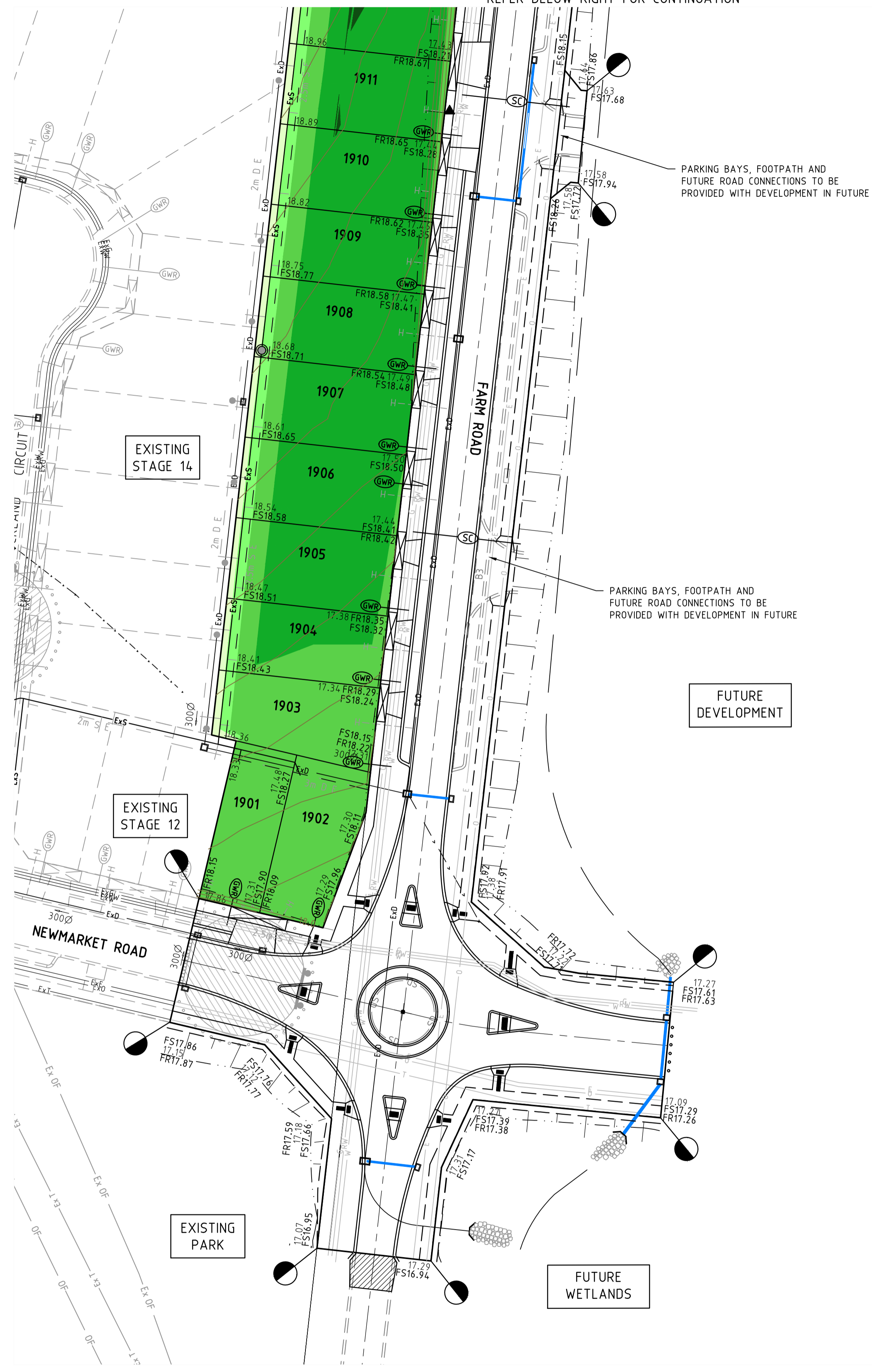


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**River Walk**  
 Stage 19A  
 Wyndham City Council  
 Roadworks and Drainage  
 Layout Plan  
 Drawing No. 1932E-19A-02 Rev 2  
 Sheet No. 2 of 18  
 As Constructed

REFER BELOW RIGHT FOR CONTINUATION



**LEGEND - CUT AND FILL PLAN**

- STORMWATER DRAIN, PIT & PROPERTY INLET
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- AG. DRAIN (INDICATIVE ONLY)
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
- EXISTING SWALE DRAIN
- RETAINING WALL
- WATER AUTHORITY HYDRANT (ABOVE GROUND)
- EXISTING CONTOURS
- DESIGN CONTOURS
- SETOUT BUBBLES

**CUT/FILL DEPTH (m) RANGE (m) Colour**

-2 to -3	Dark Red
-1.5 to -2	Red
-1 to -1.5	Magenta
-0.5 to -1	Red-Orange
-0.2 to -0.5	Yellow-Orange
0 to -0.2	Yellow
0 to 0.2	Light Green
0.2 to 0.5	Green
0.5 to 1	Dark Green
1 to 1.5	Very Dark Green
1.5 to 2	Black-Green
2 to 3	Black

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REFER ABOVE LEFT FOR CONTINUATION

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REVISION	DATE	DES/DFT	APPD
2	31.05.18	BC/SS	MB
1	15.11.17	BC/NG	MB
0	09.10.17	BC/NG	MB

AS CONSTRUCTED

FSLs SOUTH OF NEWMARKET ROAD AMENDED TO MATCH DCE LEVELS SOUTH OF STAGE

ISSUED FOR CONSTRUCTION

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Development Victoria  
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Docklands, Vic - 3008

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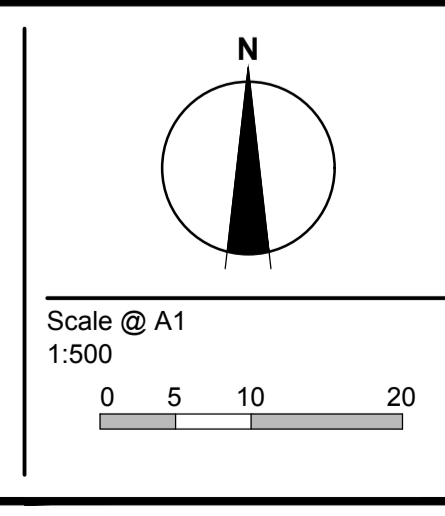
Designed  
B.Cheung

Drawn  
N.Shrestha

Checked  
L.Vieyra

Authorised  
M.Bouwmeester

Date  
June 2016



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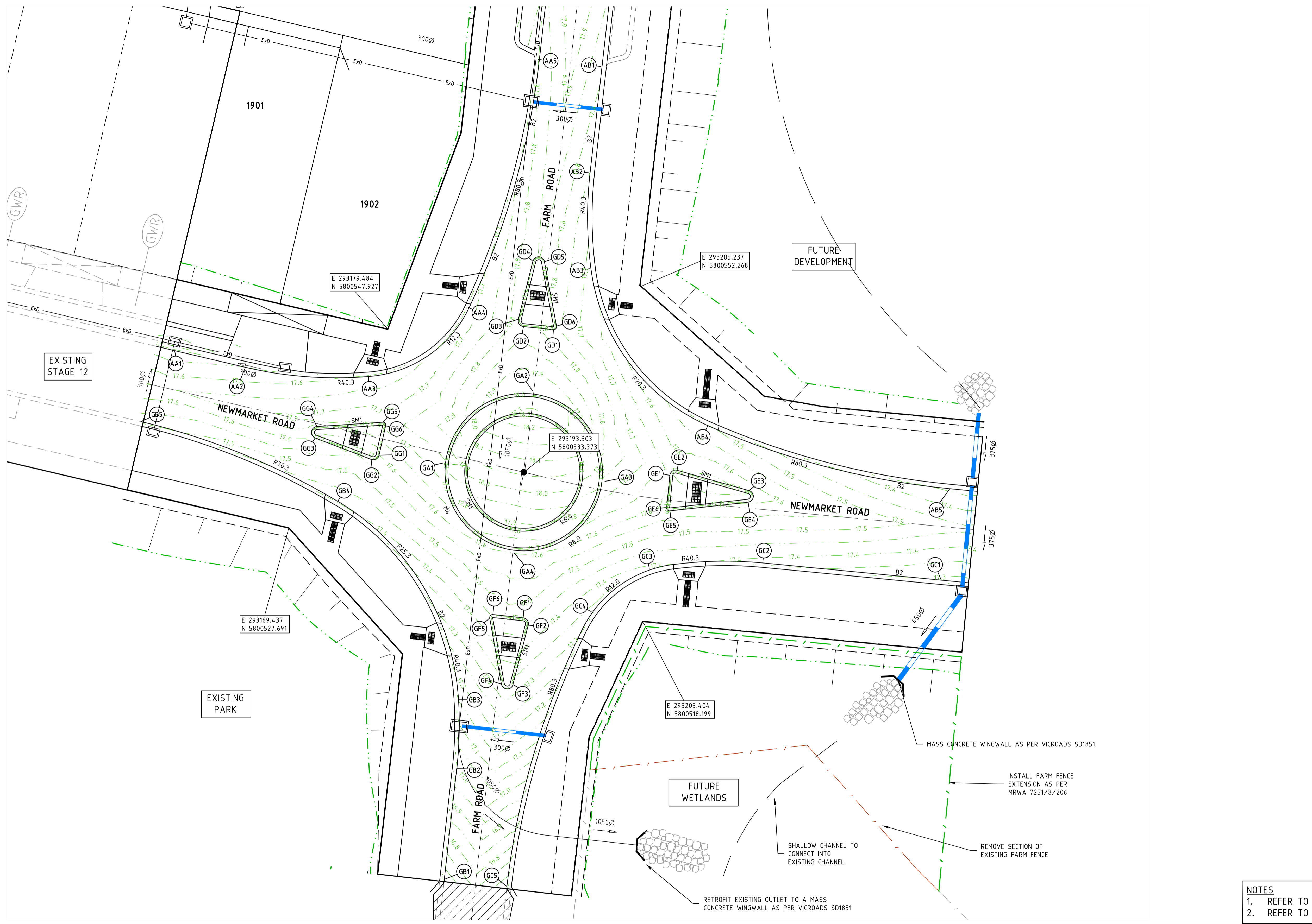
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**River Walk**  
Stage 19A  
Wyndham City Council  
Roadworks and Drainage  
Earthworks Plan

Drawing No. 1932E-19A-03  
Sheet No. 3 of 18

Rev 2

As Constructed



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

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- NOTES**
- REFER TO SHEET No's 06 - 07 FOR LIP PROFILES.
  - REFER TO SHEET No. 08 FOR SETOUT INFORMATION.

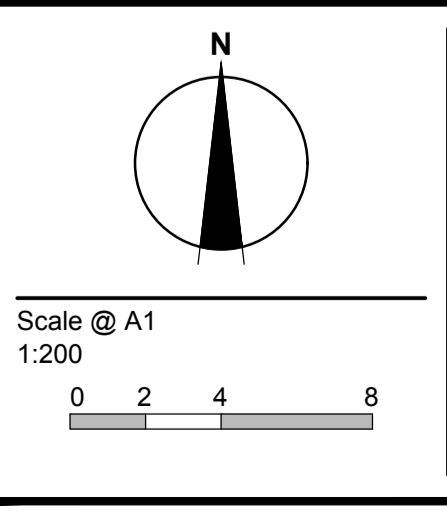
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REVISION	DATE	DES/DFT	APPD
2	31.05.18	BC/SS	MB
1	15.11.17	BC/NG	MB
0	09.10.17	BC/NG	MB

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Designed  
 B.Cheung  
 Drawn  
 N.Shrestha  
 Checked  
 L.Vieyra  
 Authorised  
 M.Bouwmeester  
 Date  
 June 2016



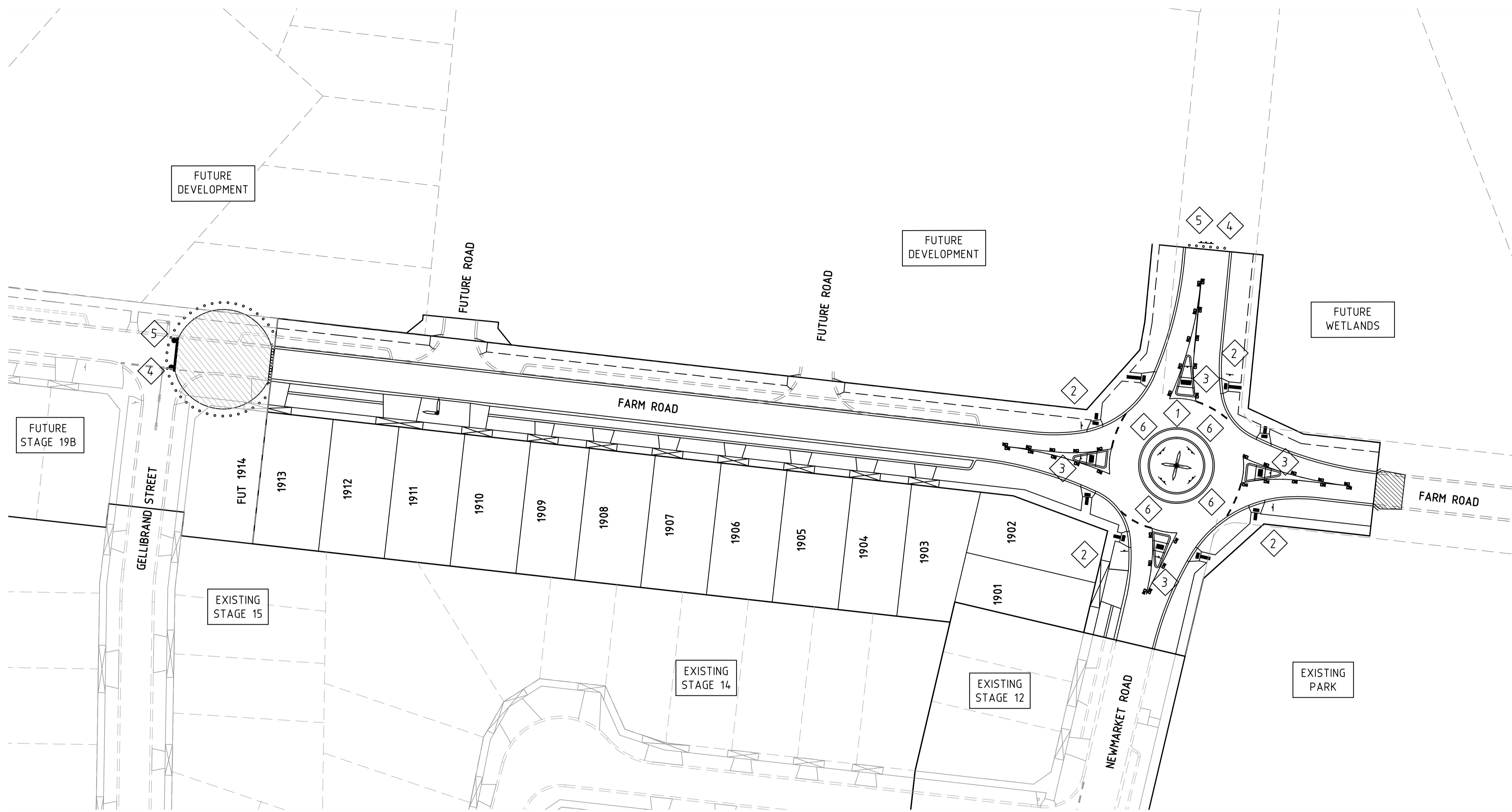
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**River Walk**  
 Stage 19A  
 Wyndham City Council  
 Roadworks and Drainage  
 Intersection Detail Plan

**Drawing No. 1932E-19A-04**      **Rev 2**  
 Sheet No. 4 of 18

**As Constructed**



**SIGN SCHEDULE**

SIGN	REF
	1
STREET SIGN	
	2
R1-3	
	3
R2-3L	
	4
D4-5	
	5
G9-20	
	6
D4-1-1	

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- NOTES**
- 90° BENDS TO HAVE CENTRELINE MARKING WITH RRPMS AT MAX 6m SPACING.
  - RRPMS TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOL 2.
  - ALL LINEMARKING & SIGNAGE TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARD AS174.2.

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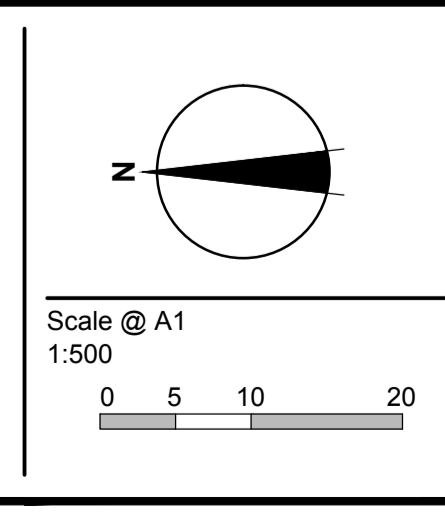
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REVISION	DATE	DES/DFT	APPD
1 AS CONSTRUCTED	31.05.18	BC/SS	MB
0 ISSUED FOR CONSTRUCTION	09.10.17	BC/NG	MB

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 Docklands, Vic - 3008

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 N.Shrestha  
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 L.Vieyra  
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 Date  
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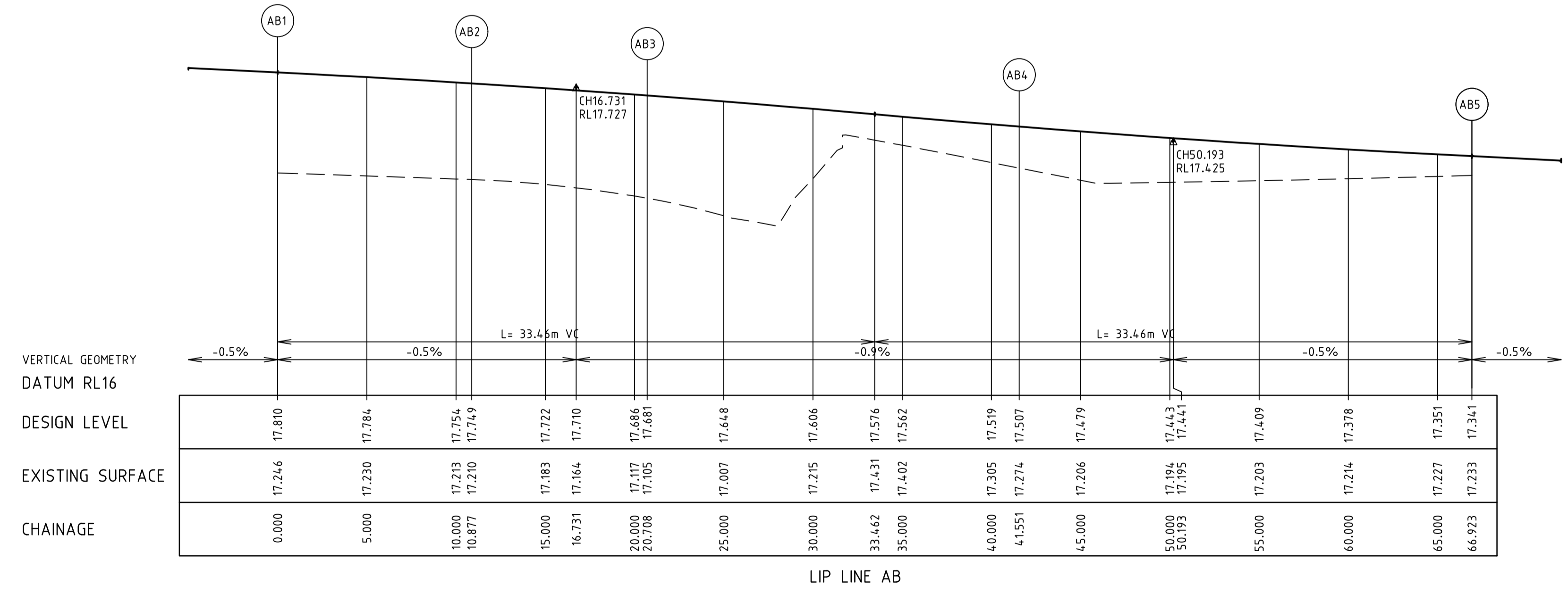
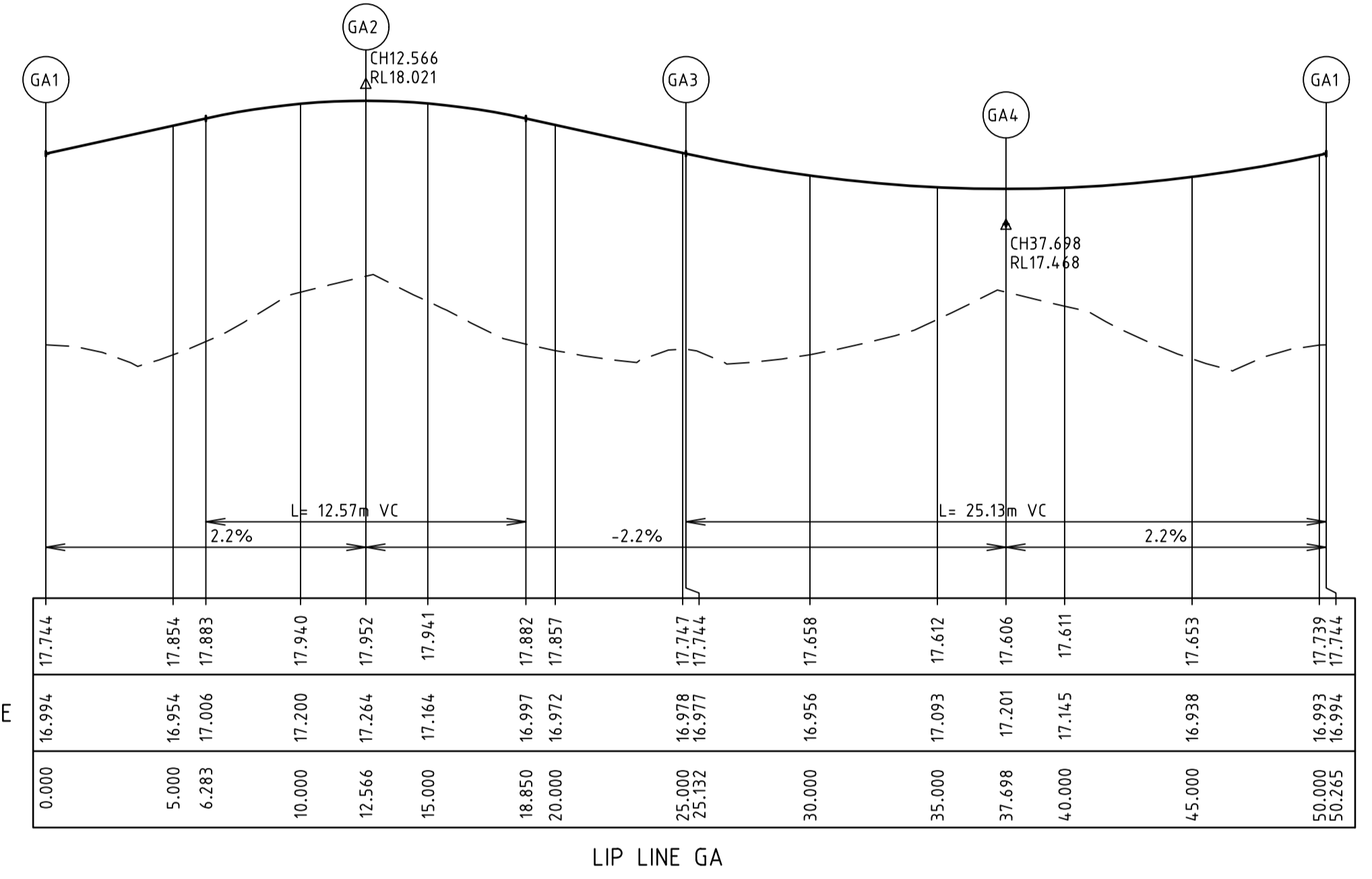
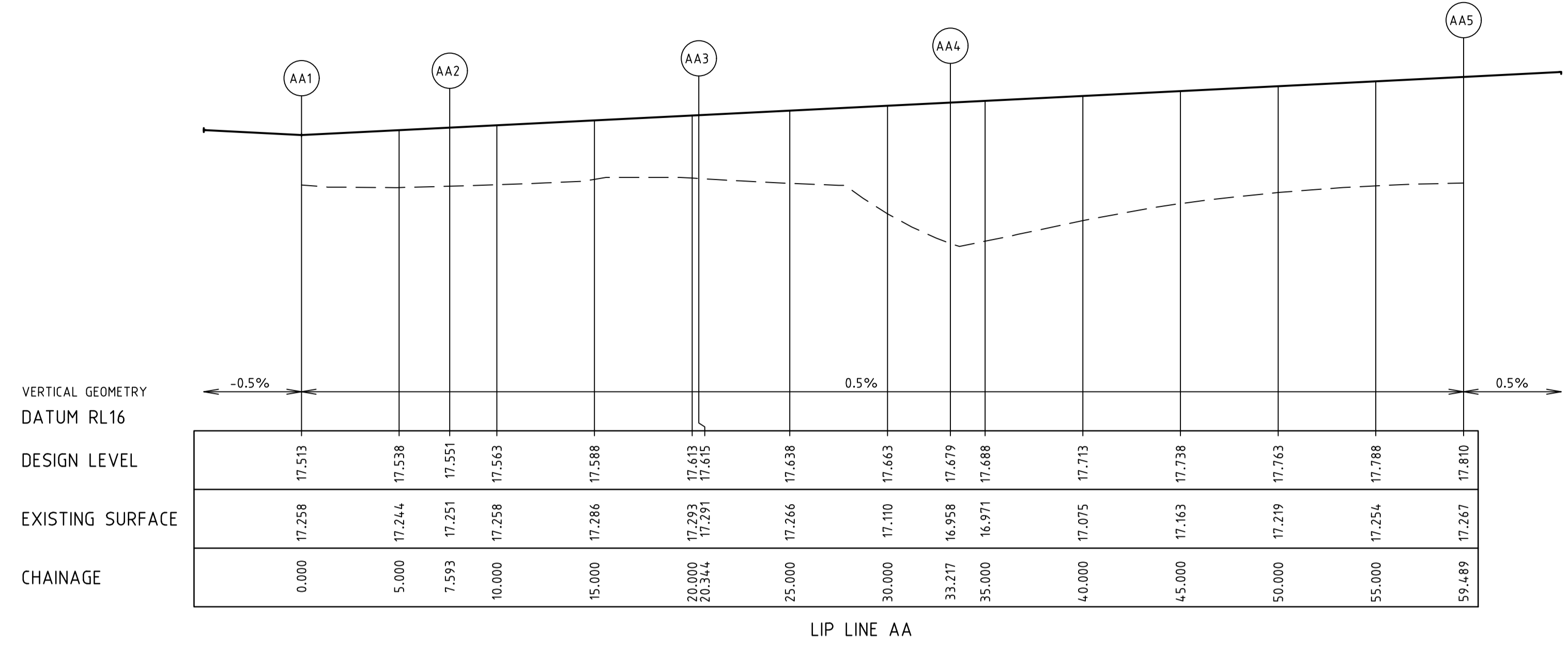


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**River Walk**  
 Stage 19A  
 Wyndham City Council  
 Roadworks and Drainage  
 Signs & Linemarking Plan  
**Drawing No. 1932E-19A-05** **Rev 1**  
 Sheet No. 5 of 18  
**As Constructed**

—	EXISTING SURFACE
—	DESIGN LINE
—	FUTURE DESIGN LINE



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- NOTES**
- CHAINAGES REFER TO LIP OF KERB/EDGE OF CONCRETE.
  - REFER TO SHEET No. 08 FOR SETOUT INFORMATION.

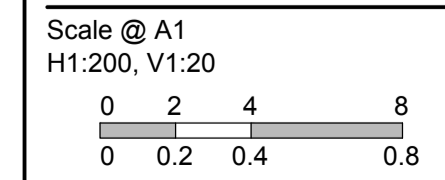
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1	AS CONSTRUCTED	31.05.18	BC/SS	MB	Principal Development Victoria 710 Collins Street Docklands, Vic - 3008
0	ISSUED FOR CONSTRUCTION	09.10.17	BC/NG	MB	
REVISION		DATE	DES/DFT	APPD	



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L.Vieyra  
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 Date  
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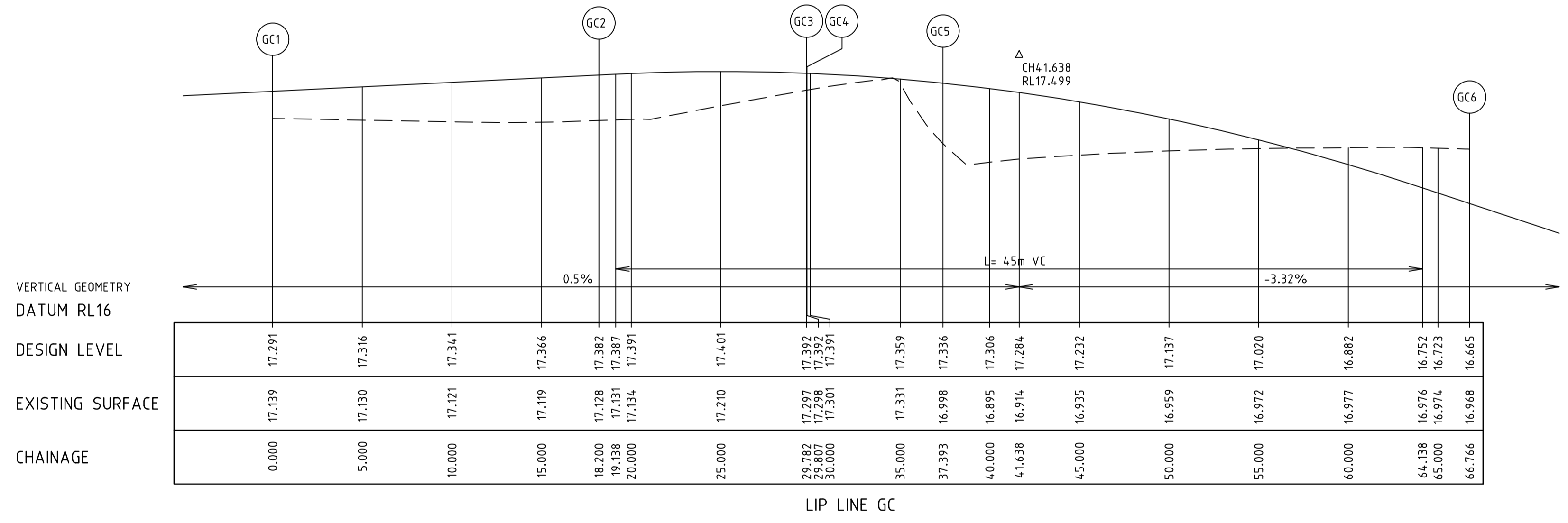
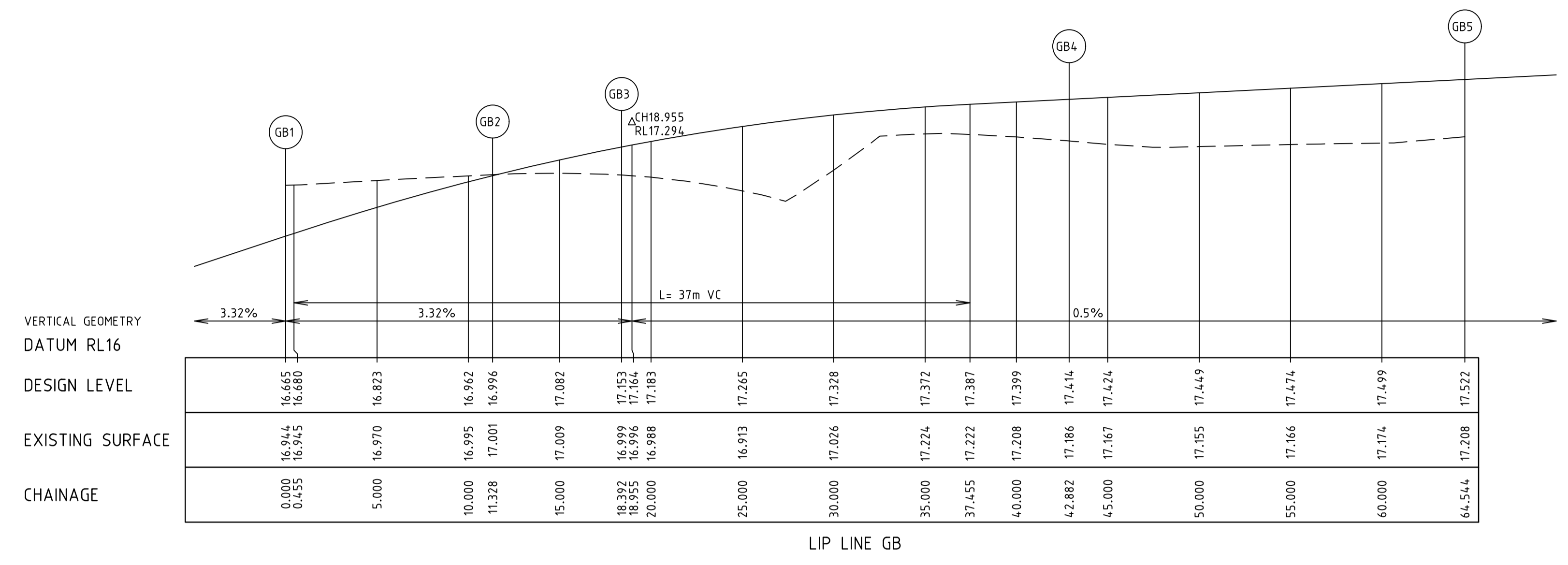
**River Walk**  
 Stage 19A  
 Wyndham City Council  
 Roadworks and Drainage  
 Lip Profiles - 1

Drawing No. 1932E-19A-06  
 Sheet No. 6 of 18

Rev 1

As Constructed

—	EXISTING SURFACE
—	DESIGN LINE
—	FUTURE DESIGN LINE



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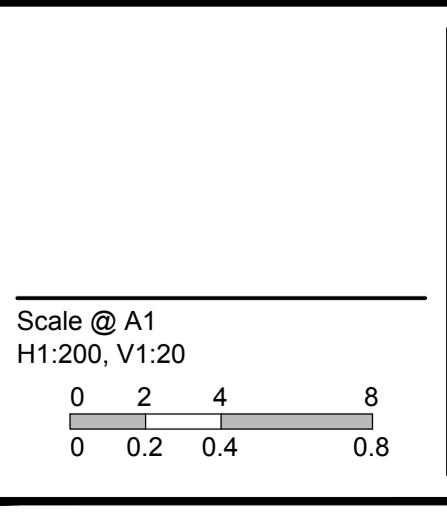
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2	AS CONSTRUCTED	31.05.18	BC/SS	MB
1	LIP PROFILES (GB & GC) UPDATED TO MATCH DCE LEVELS SOUTH OF STAGE	15.11.17	BC/NG	MB
0	ISSUED FOR CONSTRUCTION	09.10.17	BC/NG	MB
REVISION		DATE	DES/DFT	APPD

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**River Walk**  
 Stage 19A  
 Wyndham City Council  
 Roadworks and Drainage  
 Lip Profiles - 2

**Drawing No. 1932E-19A-07**      **Rev 2**  
 Sheet No. 7 of 18

**As Constructed**

FARM ROAD DESIGN LINE

IP	CHAINAGE	X COORD	Y COORD	Z COORD	TYPE	BEARING	LENGTH	RADIUS
1	0.000	293193.426	5800533.573		IP	6°24'33.47"		
	283.604	293225.085	5800815.404	17.224	TC	6°24'33.47"	6.116	-200.000
2	286.662	293225.426	5800818.444	17.239	IP			
	289.721	293225.674	5800821.492	17.254	CT	4°39'25.47"		
	295.629	293226.154	5800827.381	17.284	TC	4°39'25.47"		
3	297.325	293226.292	5800829.072	17.292	IP		3.393	100.000

NEWMARKET ROAD DESIGN LINE

IP	CHAINAGE	X COORD	Y COORD	Z COORD	TYPE	BEARING	LENGTH	RADIUS
1	198.587	292607.327	5800791.601		IP	120°31'24.17"		
2	416.843	292795.337	5800680.751	18.752	IP			
3	489.843	292858.220	5800643.675	18.587	IP			
	590.521	292944.947	5800592.542	18.317	TC	120°31'24.27"	4.523	-15.000
4	592.782	292946.910	5800591.384	18.306	IP			
	595.044	292949.128	5800590.862	18.295	CT	103°14'54.75"		
5	754.758	293104.591	5800554.260	17.756	IP			
	849.818	293197.121	5800532.474	17.668	TC	103°14'54.74"	13.619	-100.000
6	856.627	293203.759	5800530.911	17.634	IP			
	863.437	293210.549	5800530.264	17.600	CT	95°26'43.57"		
7	988.198	293334.747	5800518.424	17.268	IP	95°26'43.57"		

FRAM STH DESIGN LINE

IP	CHAINAGE	X COORD	Y COORD	Z COORD	TYPE	BEARING	LENGTH	RADIUS
1	0.000	293193.130	5800533.628		IP	186°24'33.47"		
2	83.399	293183.820	5800450.750	15.499	IP	186°24'33.47"		

ALIGNMENT AA

POINT NO	EASTING	NORTHING	RL
AA1	293157.638	5800545.777	17.513
AA2	293165.029	5800544.037	17.551
AA3	293177.693	5800543.110	17.615
AA4	293187.780	5800550.137	17.679
AA5	293194.894	5800575.306	17.810

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
AA2 - AA3	18.129	40.300	12.751	0.503	0.377	3.184	3.165	3.188	17.583
AA3 - AA4	59.965	12.300	12.873	1.646	1.227	3.182	2.965	3.218	17.647
AA4 - AA5	18.746	80.300	26.272	1.072	0.804	6.561	6.517	6.568	17.745

ALIGNMENT AB

POINT NO	EASTING	NORTHING	RL
AB1	293201.254	5800574.592	17.810
AB2	293200.040	5800563.784	17.749
AB3	293200.139	5800553.977	17.681
AB4	293212.133	5800538.049	17.507
AB5	293236.588	5800531.699	17.341

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
AB2 - AB3	13.977	40.300	9.831	0.299	0.224	2.456	2.447	2.458	17.716
AB3 - AB4	58.827	20.300	20.842	2.617	1.952	5.154	4.816	5.211	17.596
AB4 - AB5	18.104	80.300	25.372	1.000	0.750	6.336	6.297	6.343	17.414

ROUNDABOUT - ALIGNMENT GA

POINT NO	EASTING	NORTHING	RL
GA1	293185.353	5800534.266	17.744
GA2	293194.196	5800541.323	17.952
GA3	293201.253	5800532.480	17.744
GA4	293192.410	5800525.423	17.606

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
GA1 - GA2	90.000	8.000	12.566	2.343	1.734	3.061	2.595	3.142	17.883
GA2 - GA3	90.000	8.000	12.566	2.343	1.734	3.061	2.595	3.142	17.882
GA3 - GA4	90.000	8.000	12.566	2.343	1.734	3.061	2.595	3.142	17.641
GA4 - GA1	90.000	8.000	12.566	2.343	1.734	3.061	2.595	3.142	17.641

ALIGNMENT GB

POINT NO	EASTING	NORTHING	RL
GB1	293185.234	5800491.997	16.665
GB2	293186.498	5800503.255	16.996
GB3	293186.669	5800510.307	17.153
GB4	293174.414	5800530.412	17.414
GB5	293154.419	5800538.521	17.522

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
GB2 - GB3	10.043	40.300	7.064	0.155	0.116	1.765	1.762	1.766	17.079
GB3 - GB4	55.463	25.300	24.491	2.906	2.169	6.063	5.710	6.123	17.335
GB4 - GB5	17.655	70.299	21.662	0.833	0.624	5.410	5.378	5.415	17.468

ALIGNMENT GC

POINT NO	EASTING	NORTHING	RL
GC1	293235.706	5800522.441	17.291
GC2	293217.588	5800524.165	17.382
GC3	293206.059	5800523.601	17.392
GC4	293206.035	5800523.597	17.392
GC5	293200.159	5800519.209	17.336
GC6	293191.594	5800491.283	16.665

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
GC2 - GC3	16.467	40.300	11.583	0.415	0.311	2.893	2.878	2.896	17.401
GC4 - GC5	51.437	8.450	7.586	0.837	0.625	1.881	1.786	1.897	17.370
GC5 - GC6	20.958	80.300	29.373	1.339	1.004	7.333	7.272	7.343	17.091

SPLITTER ISLANDS - ALIGNMENT GD

POINT NO	EASTING	NORTHING	RL
GD1	293196.316	5800547.859	17.765
GD2	293193.274	5800548.174	17.817
GD3	293192.754	5800548.917	17.822
GD4	293194.237	5800554.811	17.853
GD5	293195.408	5800554.775	17.847
GD6	293196.642	5800548.213	17.760

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
GD2 - GD3	98.208	0.600	1.028	0.207	0.153	0.249	0.204	0.257	17.820
GD4 - GD5	155.233	0.600	1.626	0.471	0.339	0.376	0.210	0.406	17.853
GD6 - GD1	106.559	0.300	0.558	0.121	0.089	0.135	0.106	0.139	17.759

SPLITTER ISLANDS - ALIGNMENT GE

POINT NO	EASTING	NORTHING	RL
GE1	293208.141	5800533.050	17.622
GE2	293208.902	5800533.569	17.643
GE3	293216.188	5800531.503	17.626
GE4	293216.091	5800530.329	17.606
GE5	293208.155	5800529.449	17.584
GE6	293207.823	5800529.776	17.586

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
GE1 - GE2	100.284	0.600	1.050	0.215	0.159	0.254	0.206	0.263	17.634
GE3 - GE4	157.840	0.600	1.653	0.485	0.348	0.381	0.207	0.413	17.616
GE5 - GE6	101.876	0.300	0.533	0.111	0.082	0.129	0.104	0.133	17.585

ALIGNMENT GF

POINT NO	EASTING	NORTHING	RL
GF1	293193.247	5800518.575	17.469
GF2	293193.763	5800517.828	17.450
GF3	293192.207	5800511.795	17.337
GF4	293191.035	5800511.841	17.335
GF5	293189.850	5800518.562	17.444
GF6	293190.178	5800518.912	17.453

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
GF1 - GF2	98.186	0.600	1.028	0.207	0.153	0.249	0.204	0.257	17.459
GF3 - GF4	155.540	0.600	1.629	0.473	0.340	0.377	0.210	0.407	17.322
GF5 - GF6	106.274	0.300	0.556	0.120	0.088	0.134	0.106	0.139	17.449

SPLITTER ISLANDS - ALIGNMENT GG

POINT NO	EASTING	NORTHING	RL
GG1	293178.605	5800535.106	17.599
GG2	293177.805	5800534.678	17.568
GG3	293172.125	5800536.855	17.618
GG4	293172.300	5800538.014	17.642
GG5	293178.966	5800538.456	17.731
GG6	293179.279	5800538.090	17.717

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
GG1 - GG2	98.243	0.600	1.029	0.207	0.153	0.249	0.204	0.257	17.581
GG3 - GG4	155.243	0.600	1.626	0.471	0.339	0.376	0.210	0.406	17.630
GG5 - GG6	106.514	0.300	0.558	0.121	0.089	0.134	0.106	0.139	17.726

AS CONSTRUCTED PLANS

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NOTES

- SETOUT CO-ORDINATES REFER TO LIP OF KERB/EDGE OF CONCRETE.
- REFER TO SHEET No's 06 - 07 FOR LIP PROFILES.

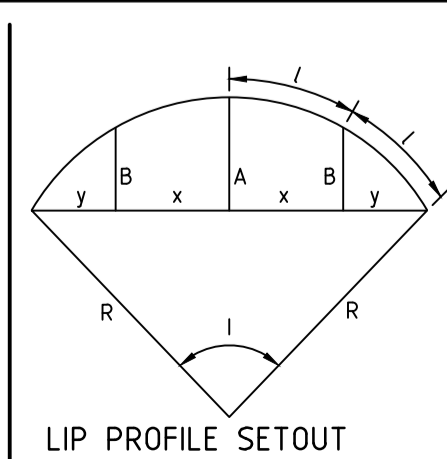
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REVISION	DATE	DES/DFT	APPD
2	31.05.18	BC/SS	MB
1	15.11.17	BC/NG	MB
0	09.10.17	BC/NG	MB



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Development Victoria  
710 Collins Street  
Docklands, Vic - 3008

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B.Cheung  
Drawn  
N.Shrestha  
Checked  
L.Vieyra  
Authorised  
M.Bouwmeester  
Date  
June 2016

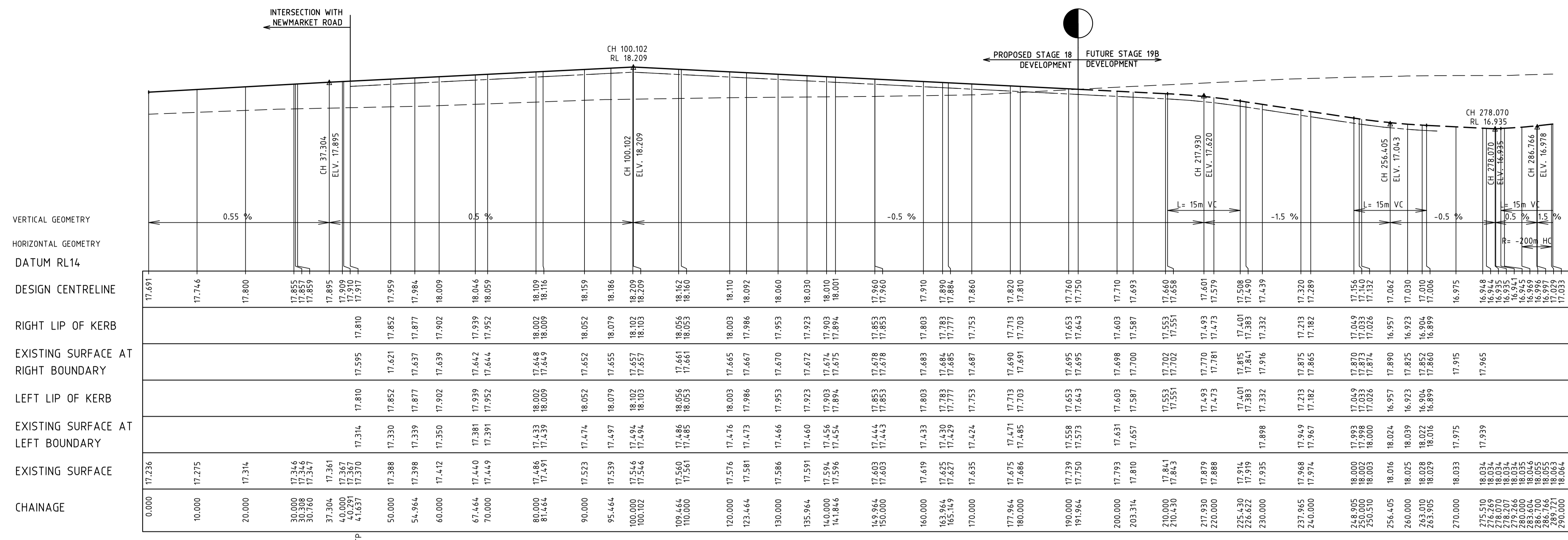
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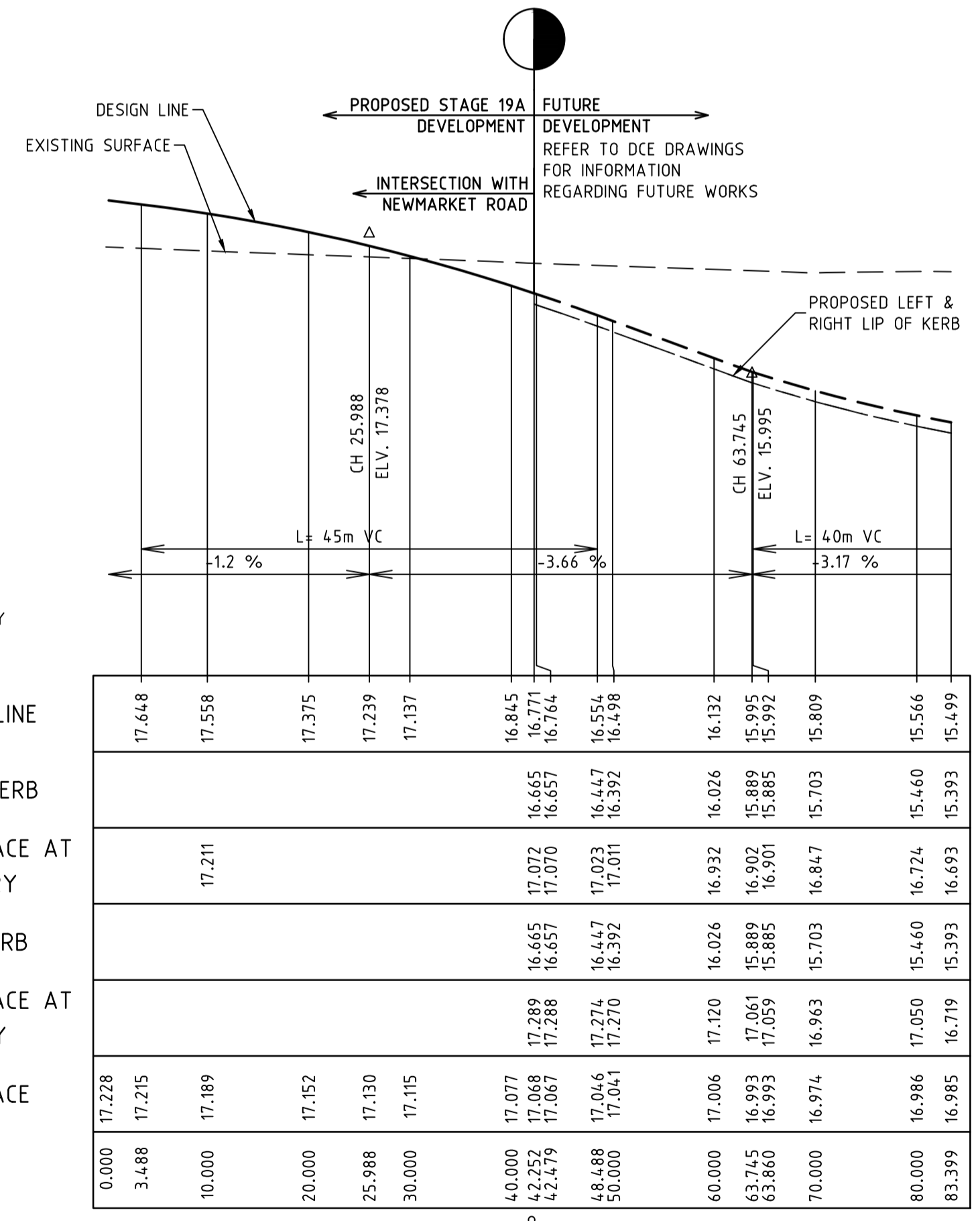
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—	EXISTING SURFACE
—	DESIGN LINE
—	FUTURE DESIGN LINE



FARM LONGITUDINAL SECTION



FRAM ROAD (SOUTH OF NEWMARKET ROAD) LONGITUDINAL SECTION

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REVISION	DATE	DES/DFT	APPD
2	AS CONSTRUCTED	31.05.18	BC/SS MB
1	FARM ROAD SOUTH CENTRELINE AMENDED TO MATCH DCE LEVELS SOUTH OF STAGE	15.11.17	BC/NG MB
0	ISSUED FOR CONSTRUCTION	09.10.17	BC/NG MB

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 B.Cheung  
 Drawn  
 N.Shrestha  
 Checked  
 L.Vieyra  
 Authorised  
 M.Bouwmeester  
 Date  
 June 2016

Scale @ A1  
 H:1.500, V:1.50

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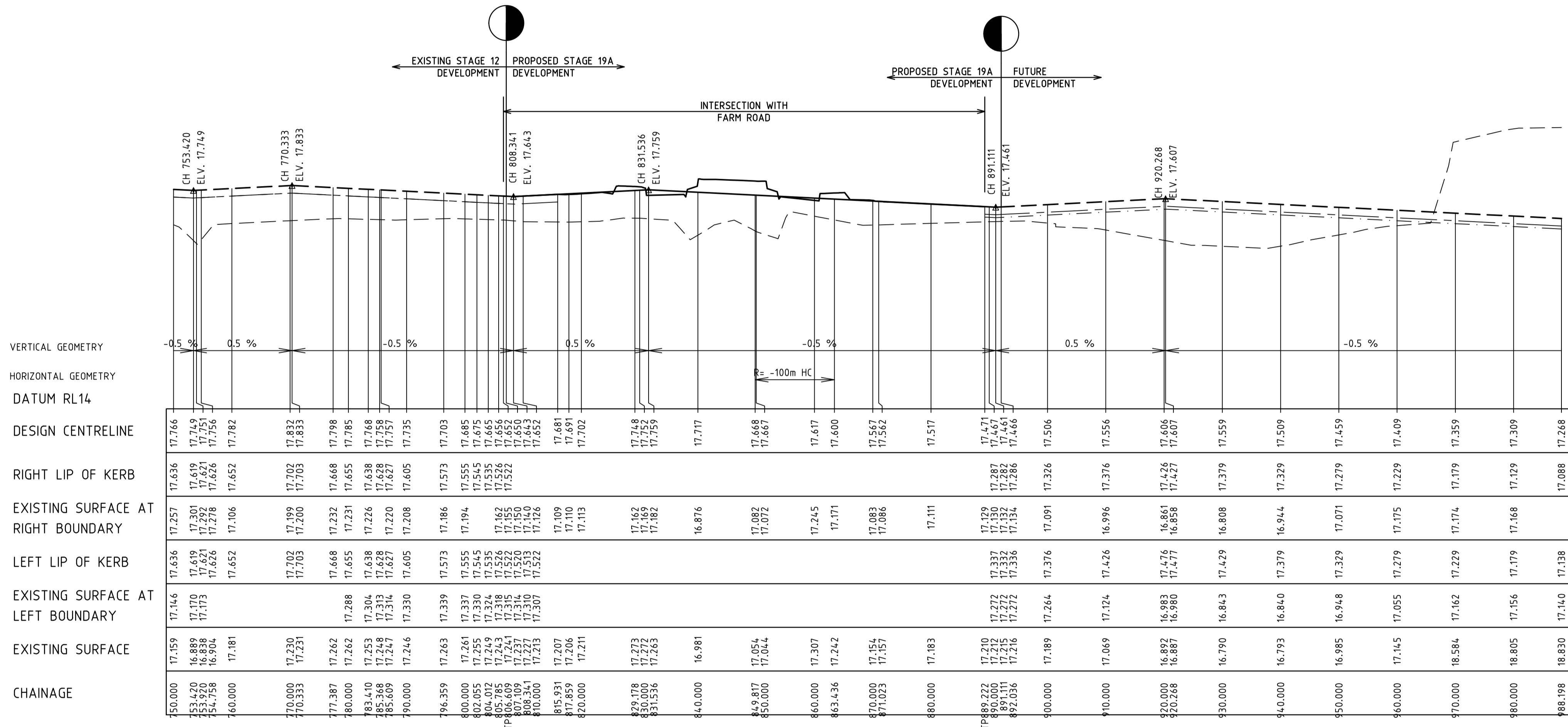
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**River Walk**  
 Stage 19A  
 Wyndham City Council  
 Roadworks and Drainage  
 Longitudinal Section - 1

Drawing No. 1932E-19A-09 Rev 2  
 Sheet No. 9 of 18

As Constructed

—	EXISTING SURFACE
—	DESIGN LINE
—	FUTURE DESIGN LINE



NEWMARKET LONGITUDINAL SECTION

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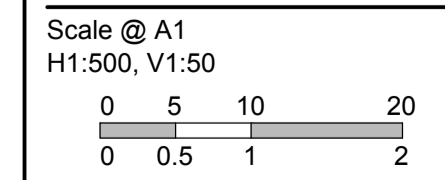
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1	AS CONSTRUCTED	31.05.18	BC/SS	MB
0	ISSUED FOR CONSTRUCTION	09.10.17	BC/NG	MB
REVISION		DATE	DES/DFT	APPD

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 710 Collins Street  
 Docklands, Vic - 3008

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 Drawn  
 N.Shrestha  
 Checked  
 L.Vieyra  
 Authorised  
 M.Bouwmeester  
 Date  
 June 2016



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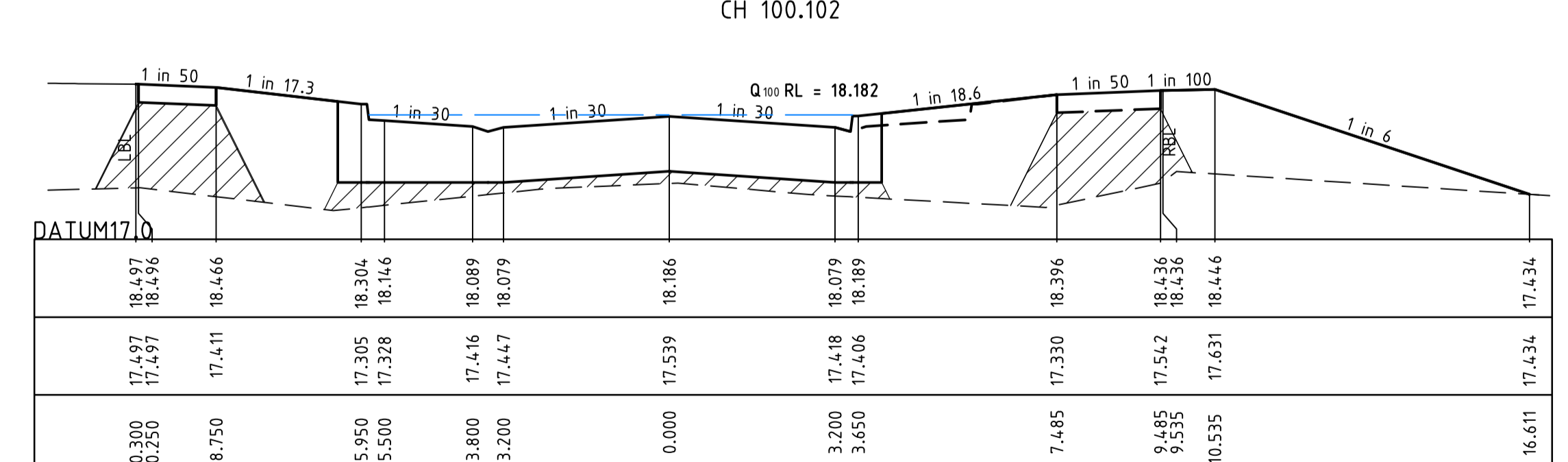
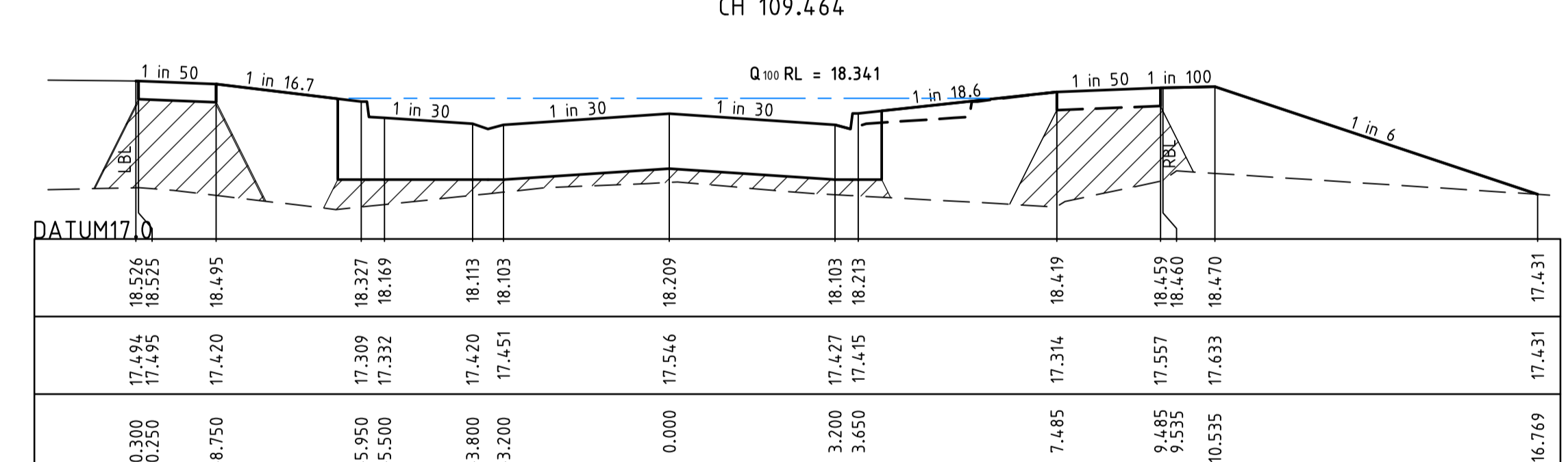
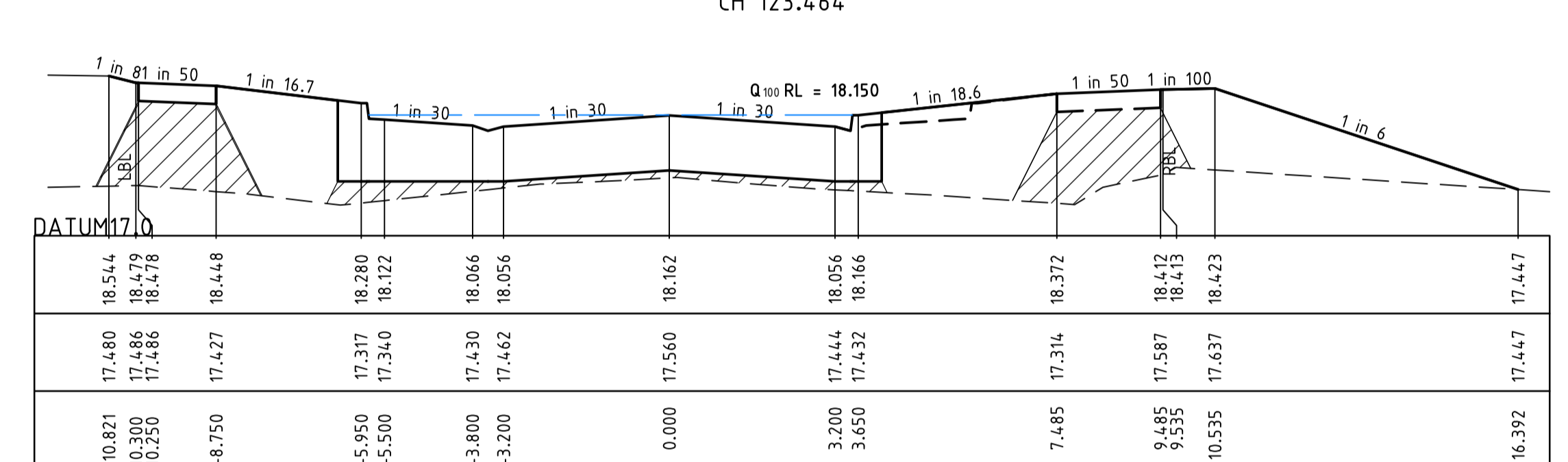
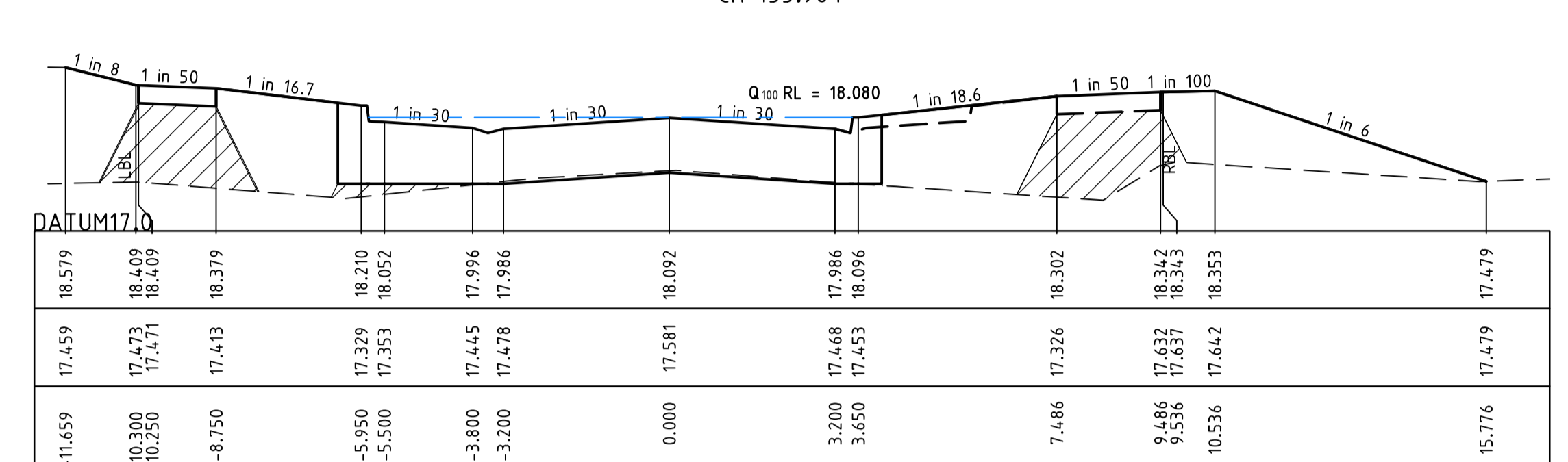
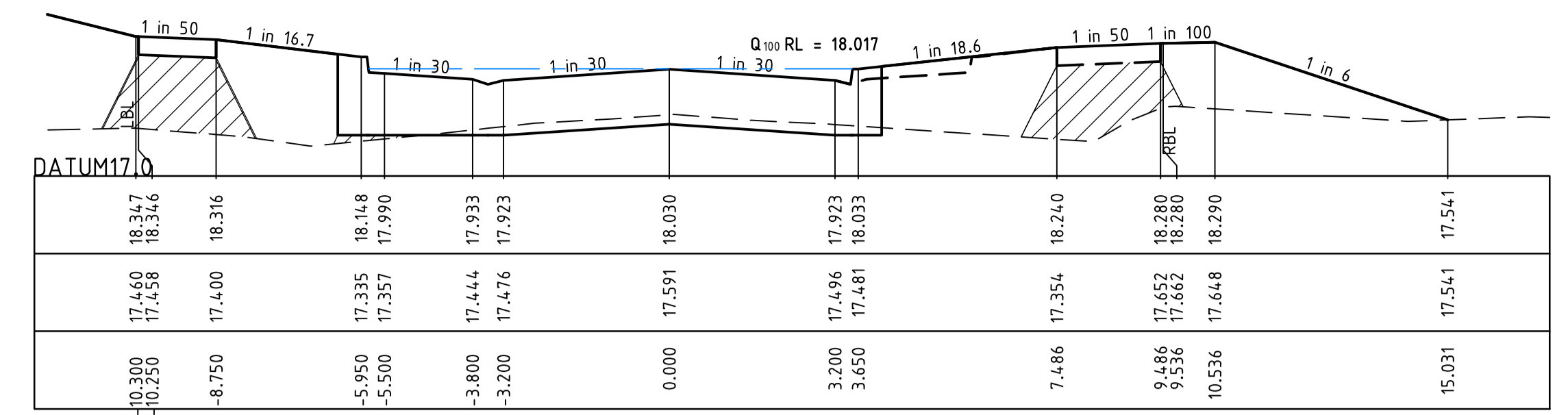
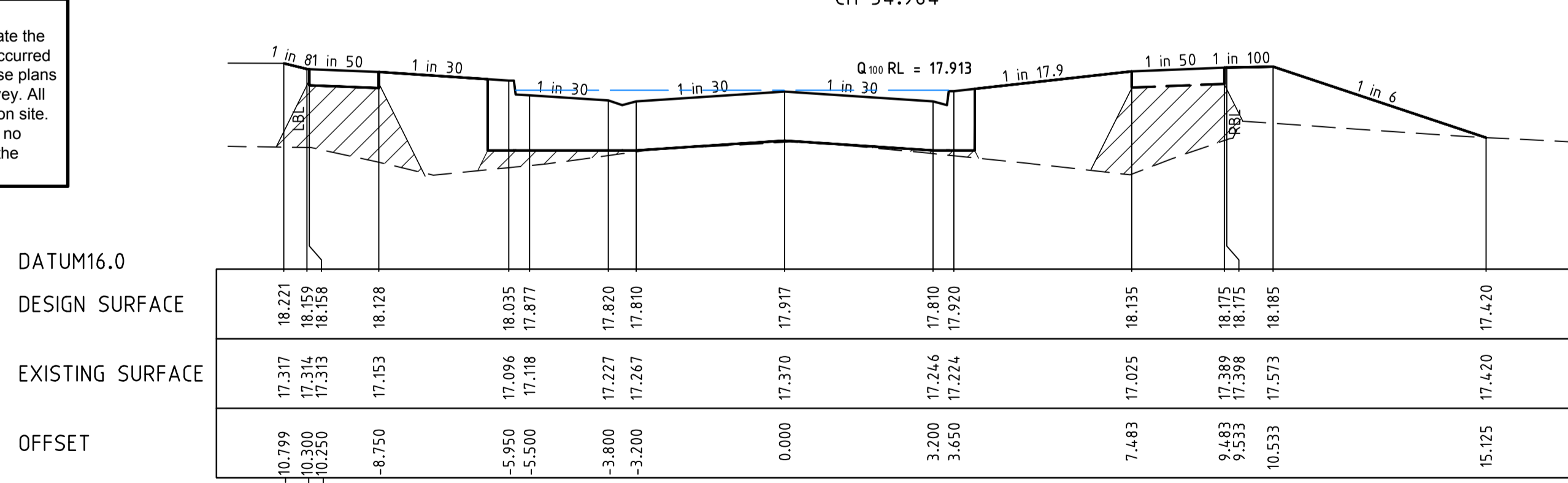
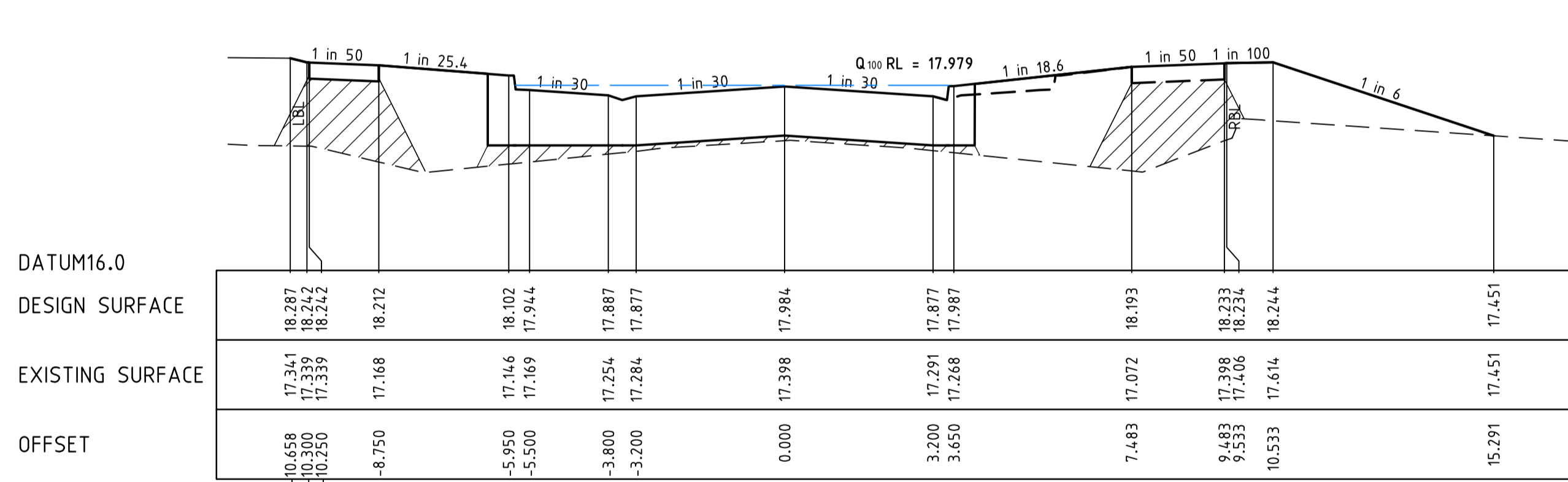
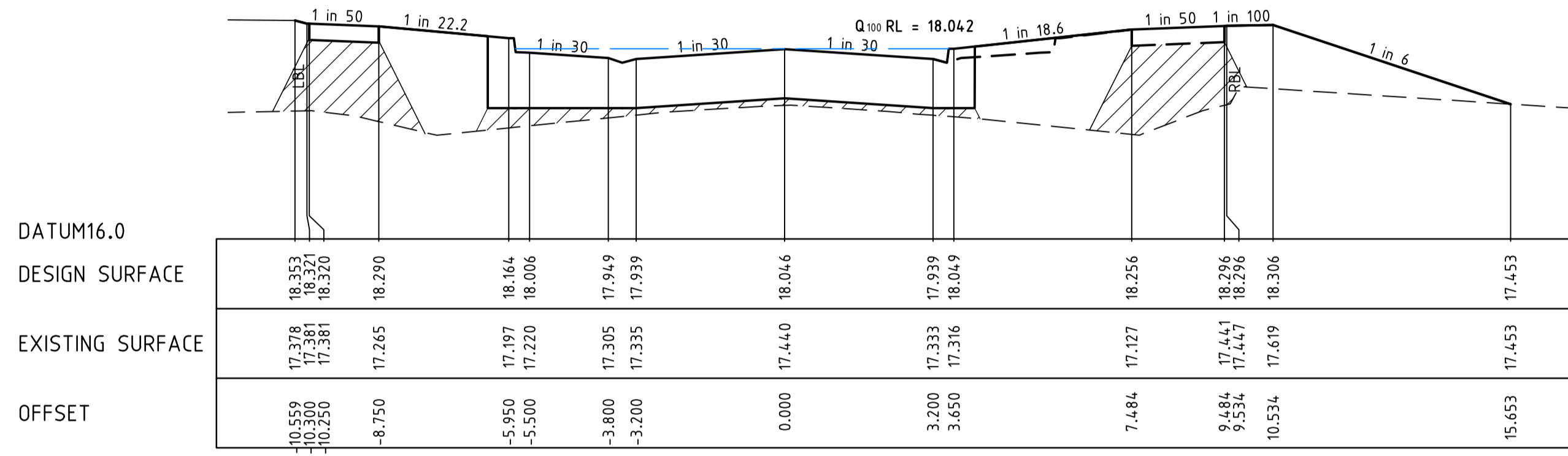
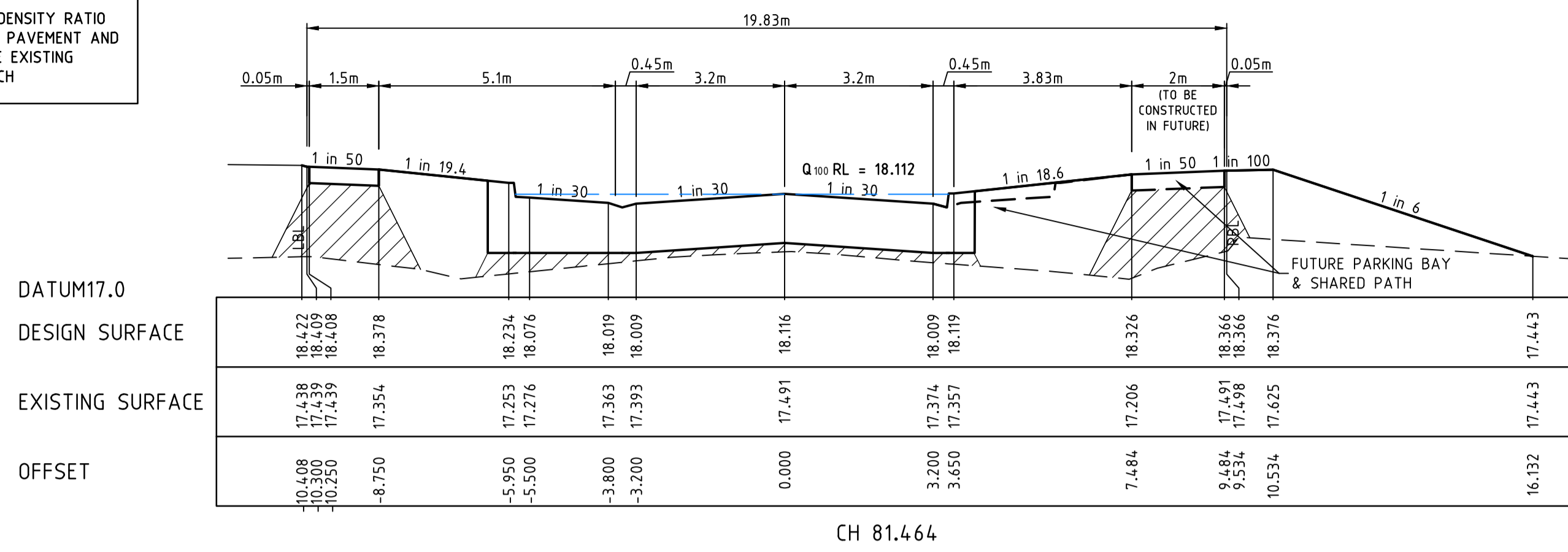
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**River Walk**  
 Stage 19A  
 Wyndham City Council  
 Roadworks and Drainage  
 Longitudinal Section - 2

**Drawing No. 1932E-19A-10** **Rev 1**  
 Sheet No. 10 of 18

As Constructed

<b>LEGEND</b>	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE
	CLASS 3 FCR COMPACTED TO MIN 98% DENSITY RATIO (MODIFIED) AS1289.5.2.1 REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE OR CONSTRUCTED SEWER TRENCH



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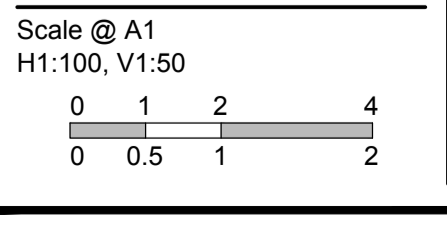
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1	AS CONSTRUCTED	31.05.18	BC/SS	MB	Principal Development Victoria 710 Collins Street Docklands, Vic - 3008
0	ISSUED FOR CONSTRUCTION	09.10.17	BC/NG	MB	
REVISION		DATE	DES/DFT	APPD	



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 Drawn  
N.Shrestha  
 Checked  
L.Vieira  
 Authorised  
M.Bouwmeester  
 Date  
June 2016

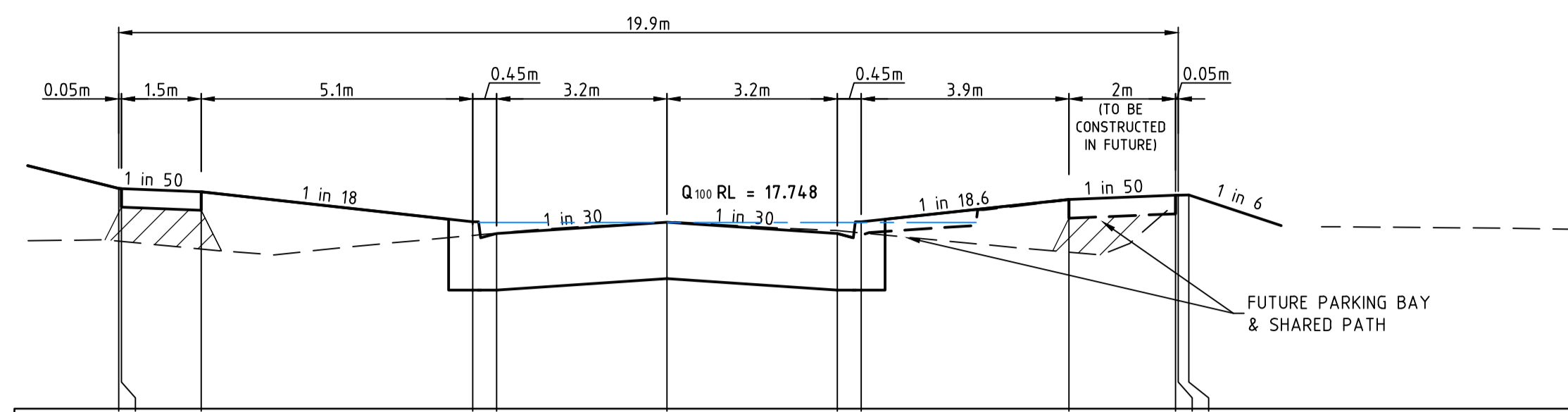


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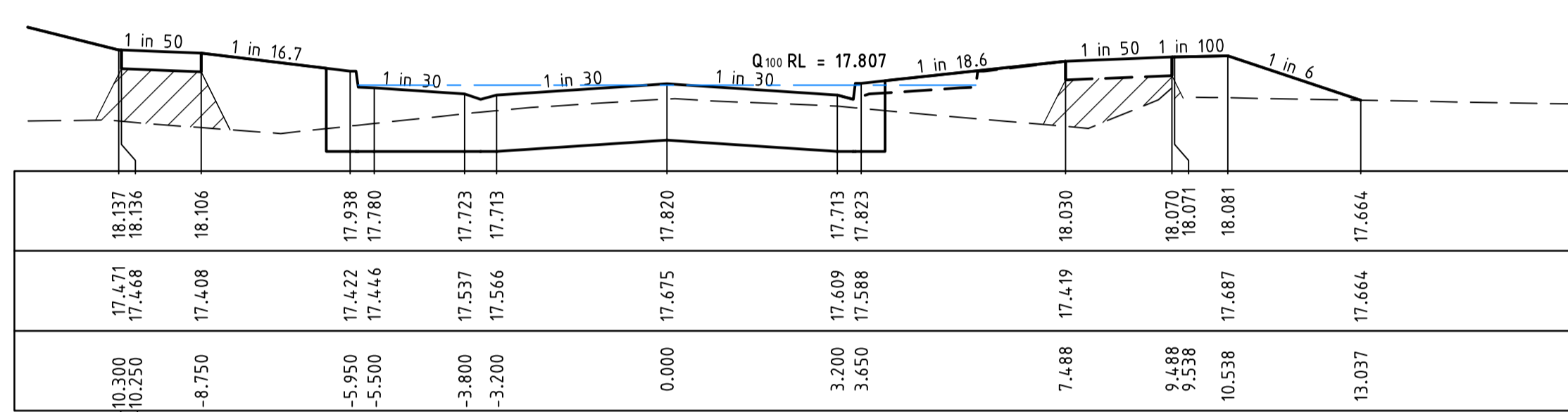
**River Walk**  
 Stage 19A  
 Wyndham City Council  
 Roadworks and Drainage  
 Cross Sections : Farm Road  
 Ch 41.637 - Ch 135.964  
**Drawing No. 1932E-19A-11**  
 Sheet No. 11 of 18  
**Rev 1**  
**As Constructed**

LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE
	CLASS 3 FCR COMPACTED TO MIN 98% DENSITY RATIO (MODIFIED) AS1289.5.2.1 REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE OR CONSTRUCTED SEWER TRENCH



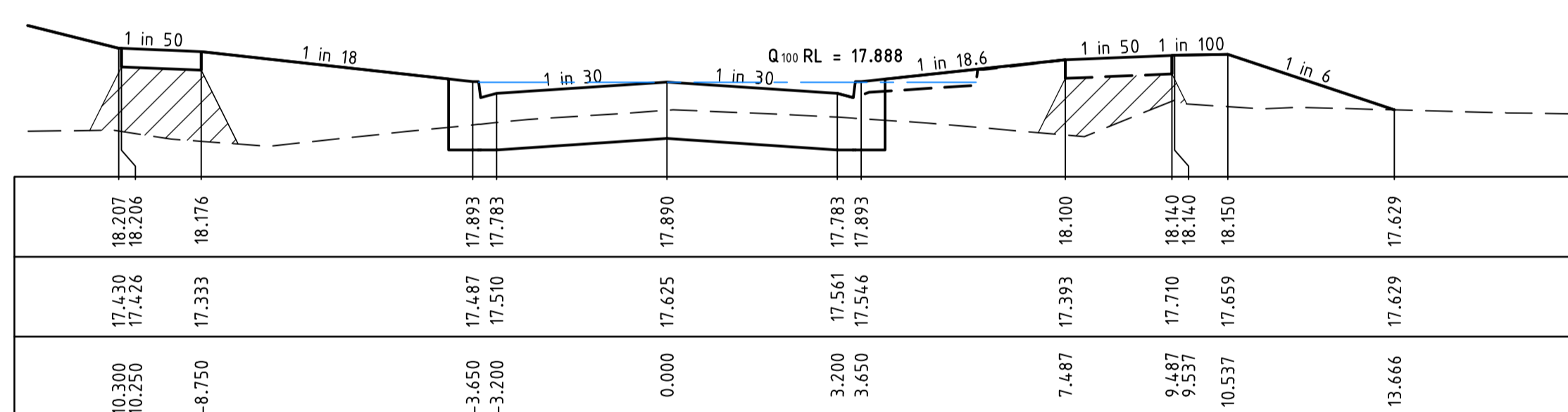
DATUM16.0									
DESIGN SURFACE	18.067	18.036		17.753	17.750	17.643	17.753	17.964	18.004
EXISTING SURFACE	17.573	17.498		17.626	17.750	17.671	17.650	17.468	18.004
OFFSET	-10.200	-8.750		-3.650	0.000	3.200	3.650	7.554	9.554

CH 191.964



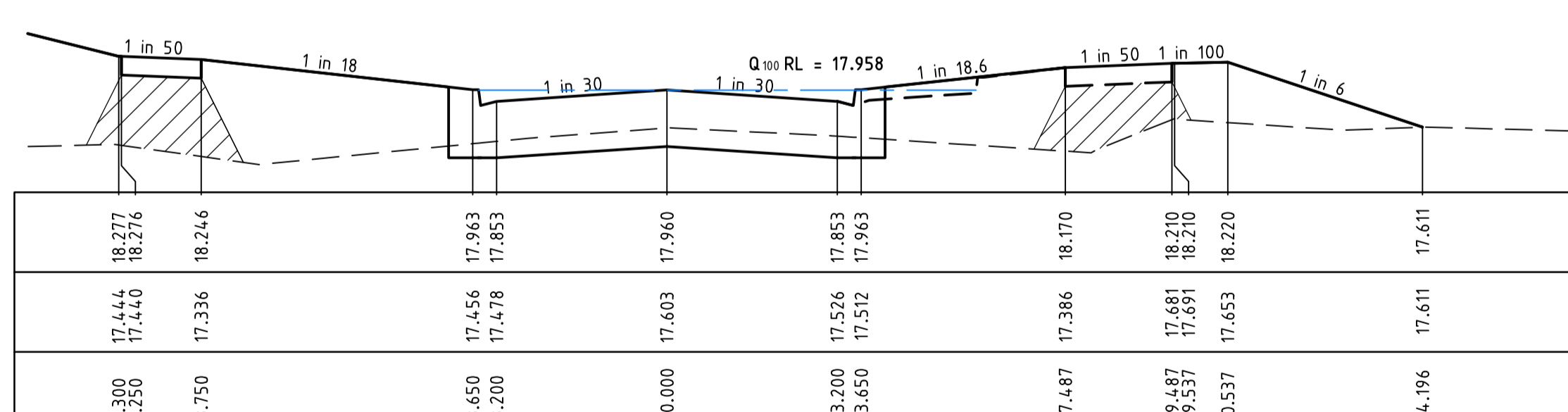
DATUM17.0									
DESIGN SURFACE	18.137	18.106		17.938	17.820	17.713	17.823	18.030	18.070
EXISTING SURFACE	17.471	17.408		17.422	17.675	17.609	17.588	17.419	18.071
OFFSET	-10.300	-8.750		-5.950	0.000	3.200	3.650	7.488	9.488

CH 177.964



DATUM17.0									
DESIGN SURFACE	18.207	18.176		17.893	17.890	17.783	17.893	18.100	18.140
EXISTING SURFACE	17.430	17.333		17.487	17.625	17.561	17.546	17.393	17.710
OFFSET	-10.300	-8.750		-3.650	0.000	3.200	3.650	7.487	9.487

CH 163.964



DATUM17.0									
DESIGN SURFACE	18.277	18.246		17.963	17.960	17.853	17.963	18.170	18.210
EXISTING SURFACE	17.444	17.336		17.456	17.603	17.526	17.512	17.366	17.691
OFFSET	-10.300	-8.750		-3.650	0.000	3.200	3.650	7.487	9.487

CH 149.964

**AS CONSTRUCTED PLANS**  
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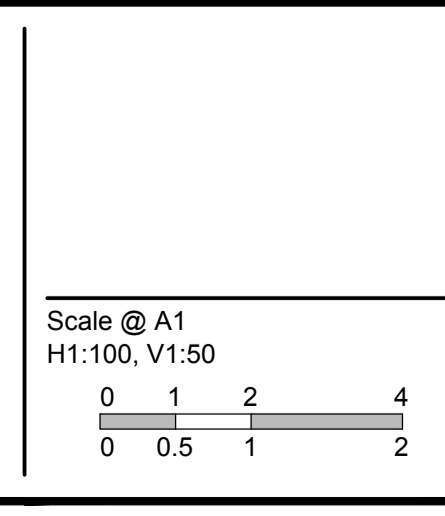
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REVISION	DATE	DES/DFT	APPD
1 AS CONSTRUCTED	31.05.18	BC/SS	MB
0 ISSUED FOR CONSTRUCTION	09.10.17	BC/NG	MB

Principal  
 Development Victoria  
 710 Collins Street  
 Docklands, Vic - 3008

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Designed  
 B.Cheung  
 Drawn  
 N.Shrestha  
 Checked  
 L.Vieyra  
 Authorised  
 M.Bouwmeester  
 Date  
 June 2016



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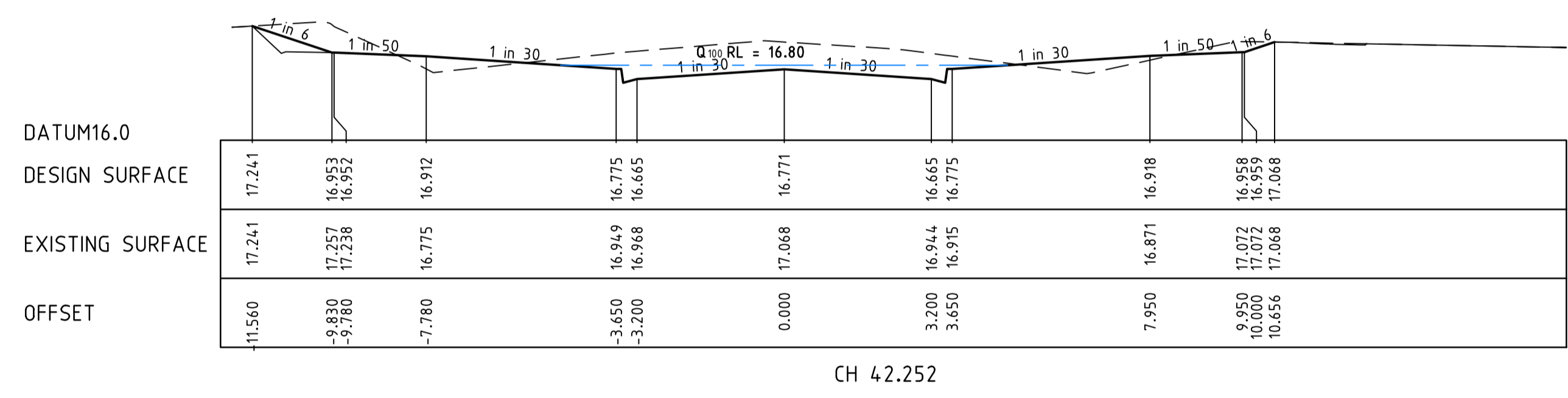
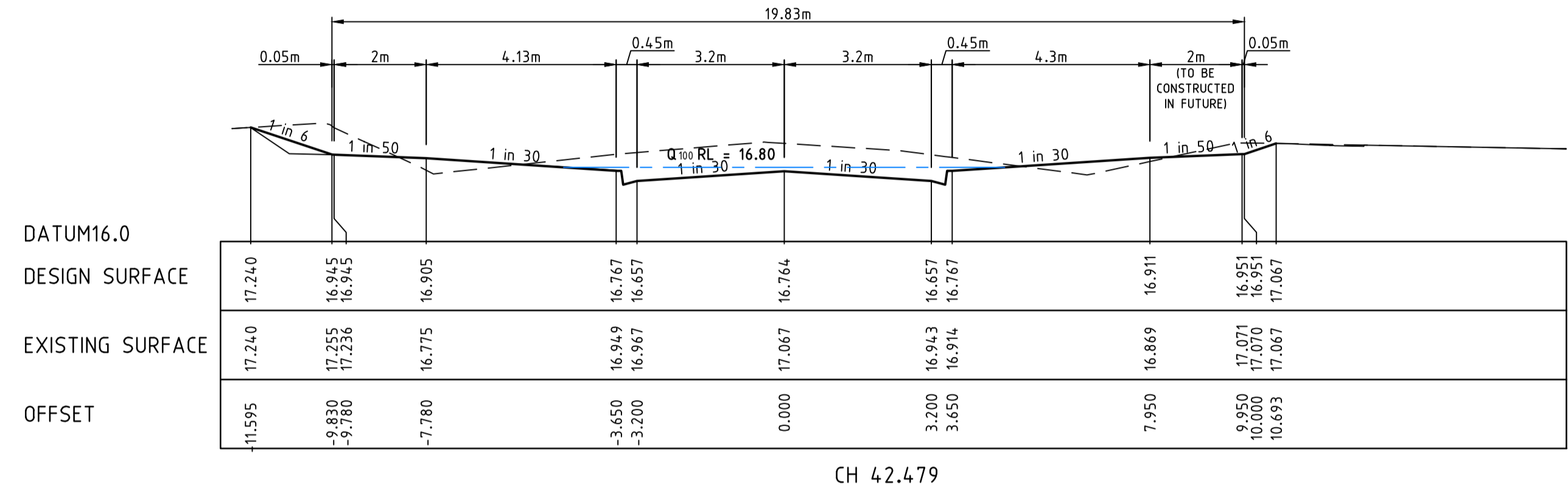
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**River Walk**  
 Stage 19A  
 Wyndham City Council  
 Roadworks and Drainage  
 Cross Sections : Farm Road  
 Ch 135.964 - Ch 191.964  
**Drawing No. 1932E-19A-12**      **Rev 1**  
 Sheet No. 12 of 18

**As Constructed**

LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE
	CLASS 3 FCR COMPACTED TO MIN 98% DENSITY RATIO (MODIFIED) AS1289.5.2.1 REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE OR CONSTRUCTED SEWER TRENCH



**AS CONSTRUCTED PLANS**  
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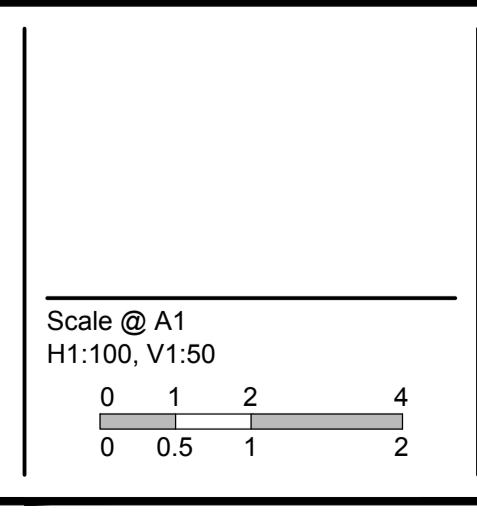
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REVISION	DATE	DES/DFT	APPD
2	31.05.18	BC/SS	MB
1	15.11.17	BC/NG	MB
0	09.10.17	BC/NG	MB

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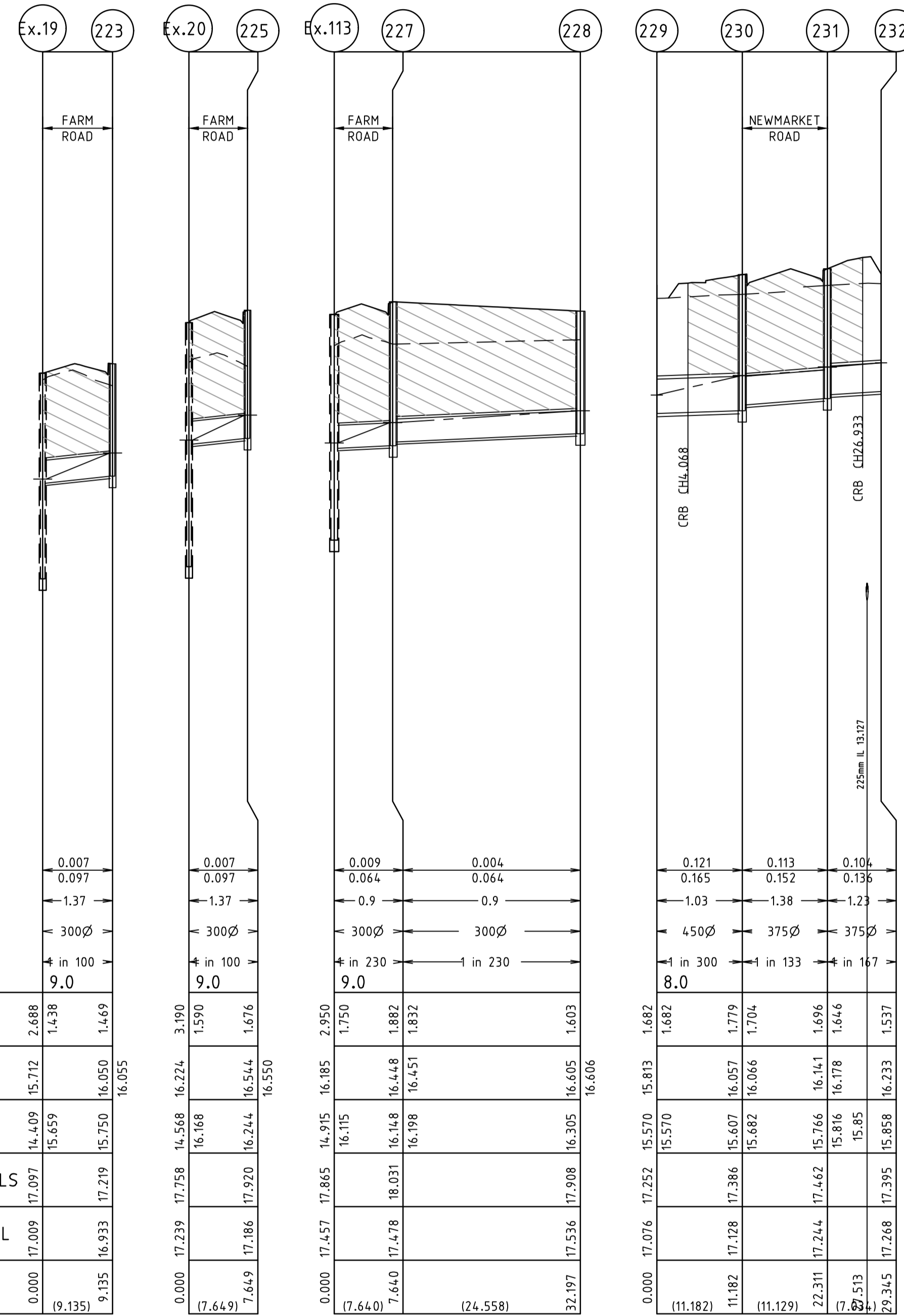
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**River Walk**  
 Stage 19A  
 Wyndham City Council  
 Roadworks and Drainage  
 Cross Sections : Farm Road  
 (South of Newmarket Road)  
**Drawing No. 1932E-19A-13**      **Rev 2**  
 Sheet No. 13 of 18  
**As Constructed**



**CRUSHED ROCK BACKFILL**  
 CRB INDICATES CRUSHED ROCK BACKFILL COMPACTED IN ACCORDANCE WITH WYNDHAM CITY COUNCIL STANDARDS & SPECIFICATION CLASS 2 UNDER ROAD PAVEMENT & CLASS 3 BEHIND KERB

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	CRUSHED ROCK BACKFILL



NAME	PIT TYPE	INTERNAL		INLET		OUTLET		PIT		STD DWG	REMARKS
		WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH		
Ex.19	EXISTING PIT	600	900	300	15.659			17.276		GAA EDCM602	CONVERT EXISTING JUNCTION PIT TO A SIDE ENTRY AND MATCH WITH NEW KERB LEVEL. CONNECT NEW DRAINAGE AND MAKE GOOD. RETROFIT EXISTING OUTLET (Ex.19A) TO A MASS CONCRETE WINGWALL AS PER VICROADS SD1851
223	SINGLE SIDE ENTRY PIT GRATED	600	900			300	15.750	17.219	1.469		
Ex.20	EXISTING PIT	600	900	300	16.168			17.758		GAA EDCM602	CONVERT EXISTING JUNCTION PIT TO A SIDE ENTRY AND MATCH WITH NEW KERB LEVEL. CONNECT NEW DRAINAGE AND MAKE GOOD
225	SINGLE SIDE ENTRY PIT GRATED	600	900			300	16.244	17.920	1.676	GAA EDCM601	
Ex.113	EXISTING PIT	600	900	300	16.115			17.865		GAA EDCM601	CONVERT EXISTING JUNCTION PIT TO A SIDE ENTRY AND MATCH WITH NEW KERB LEVEL. CONNECT NEW DRAINAGE AND MAKE GOOD
227	SINGLE SIDE ENTRY PIT GRATED	600	900	300	16.198	300	16.148	18.031	1.882	GAA EDCM601	
228	SINGLE SIDE ENTRY PIT GRATED	600	900			300	16.305	17.908	1.603	GAA EDCM601	
229	ENDPIPE			450	15.570			17.252	1.582	VICROADS SD1851	VICROADS STANDARD MASS CONCRETE WINGWALL
230	DOUBLE SIDE ENTRY PIT GRATED	750	900	375	15.682	450	15.607	17.386	1.779	GAA EDCM602	
231	DOUBLE SIDE ENTRY PIT GRATED	750	900	375	15.816	375	15.766	17.462	1.696	GAA EDCM602	
232	ENDPIPE					375	15.858	17.395	1.537		
Ex. 112	EXISTING PIT									GAA EDCM601	COVERT EXISTING PIT TO A SIDE ENTRY AND MATCH WITH NEW KERB LEVEL
Ex. 17	EXISTING PIT									GAA EDCM602	COVERT EXISTING PIT TO A DOUBLE SIDE ENTRY AND MATCH WITH NEW KERB LEVEL
Ex. 18	EXISTING PIT										COVERT EXISTING PIT TO A HEAVY DUTY GRATED PIT AND MATCH WITH NEW KERB LEVEL
Ex. 23	EXISTING PIT									GAA EDCM602	COVERT EXISTING PIT TO A DOUBLE SIDE ENTRY AND MATCH WITH NEW KERB LEVEL

NOTE: CCTV WILL NEED TO REFERENCE COUNCIL PIT NO'S XY SETOUT TO PIT CENTRE SETOUT LEVEL TO PIT COVER LEVEL

DESIGN FLOW (m<sup>3</sup>/s) 0.007  
 CAPACITY (m<sup>3</sup>/s) 0.097  
 AT GRADE VELOCITY (m/s) 1.37  
 PIPE SIZE (mm) 300Ø  
 GRADE DATUM in 100 9.0

DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	FINISHED SURFACE LEVELS	EXISTING SURFACE LEVEL	CHAINAGE (Reach Length)
2.688	15.712	14.409	17.097	17.009	0.000
1.438	15.659	15.659	17.097	17.009	(9.135)
3.190	16.224	14.568	17.758	17.239	0.000
1.590	16.168	16.168	17.758	17.239	(7.649)
1.882	16.448	16.148	18.031	17.186	0.000
1.832	16.451	16.198	18.031	17.186	(7.640)
1.603	16.605	16.305	17.908	17.536	0.000
1.603	16.605	16.305	17.908	17.536	(24.558)
1.682	15.813	15.570	17.252	17.076	0.000
1.682	15.570	15.570	17.252	17.076	(11.182)
1.779	16.057	15.607	17.386	17.128	11.182
1.704	16.066	15.682	17.386	17.128	(11.129)
1.696	16.141	15.766	17.462	17.244	22.311
1.646	16.178	15.816	17.462	17.244	(7.513)
1.537	16.233	15.858	17.395	17.268	29.345

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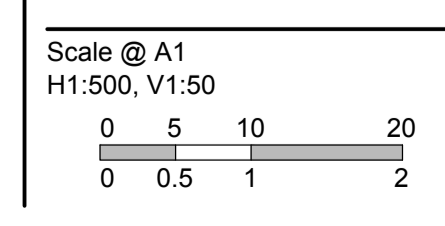
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**DEVELOPMENT VICTORIA**  
 Principal  
 Development Victoria  
 710 Collins Street  
 Docklands, Vic - 3008

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M.Bouwmeester  
 Date  
June 2016





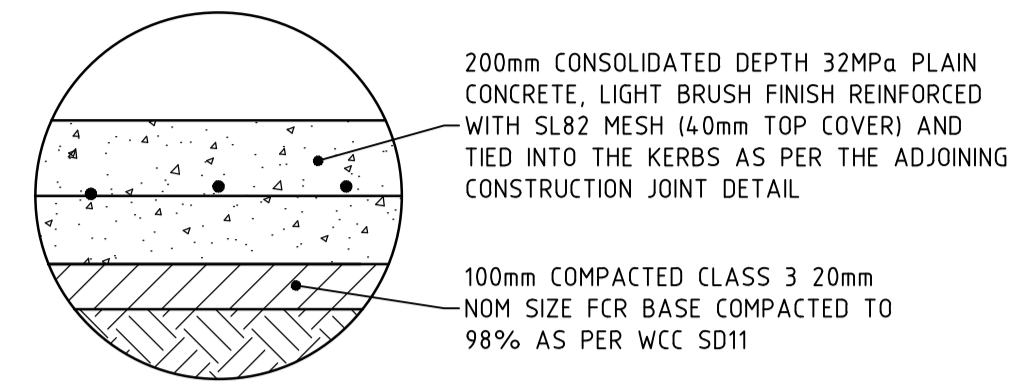
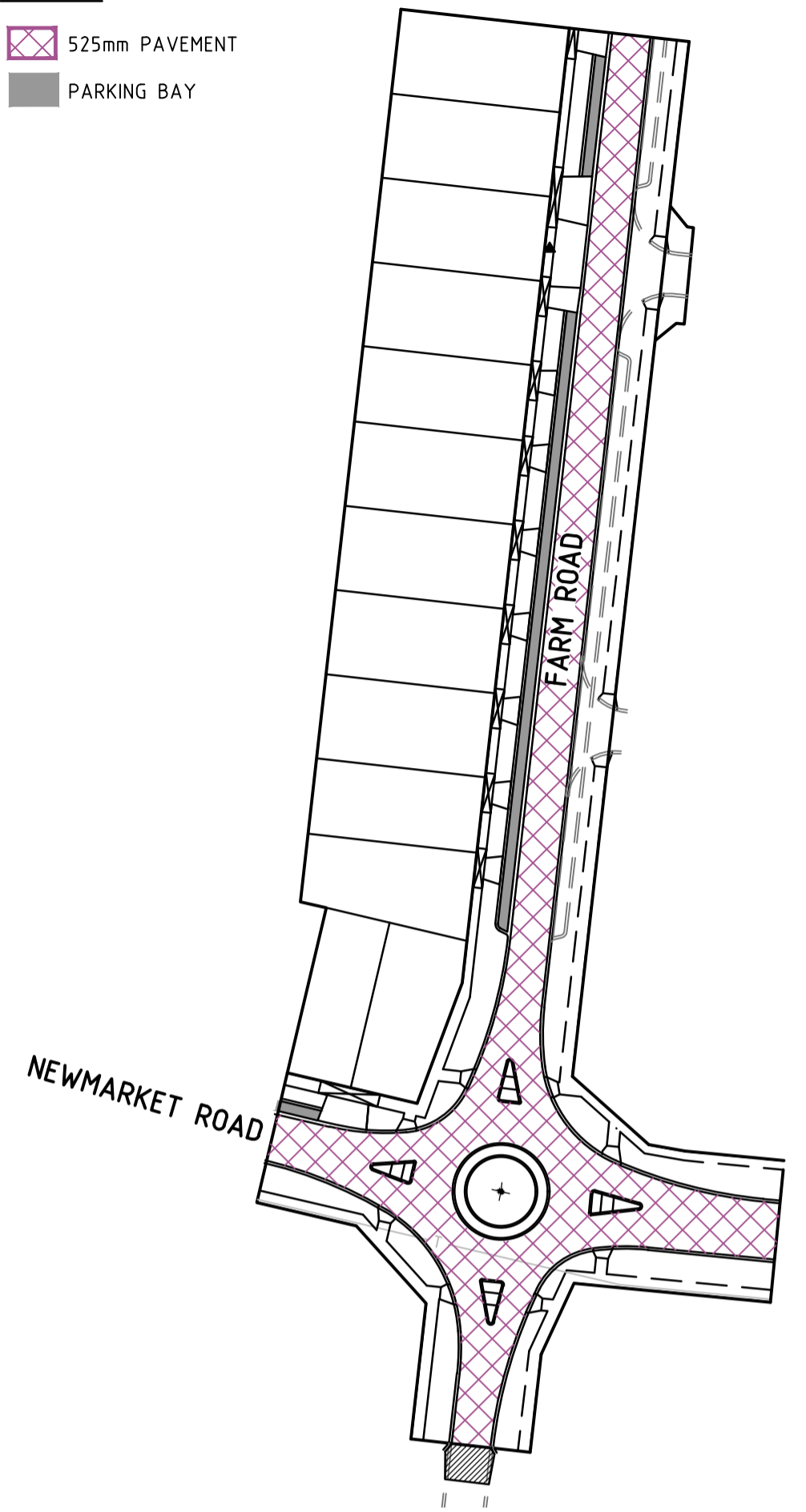
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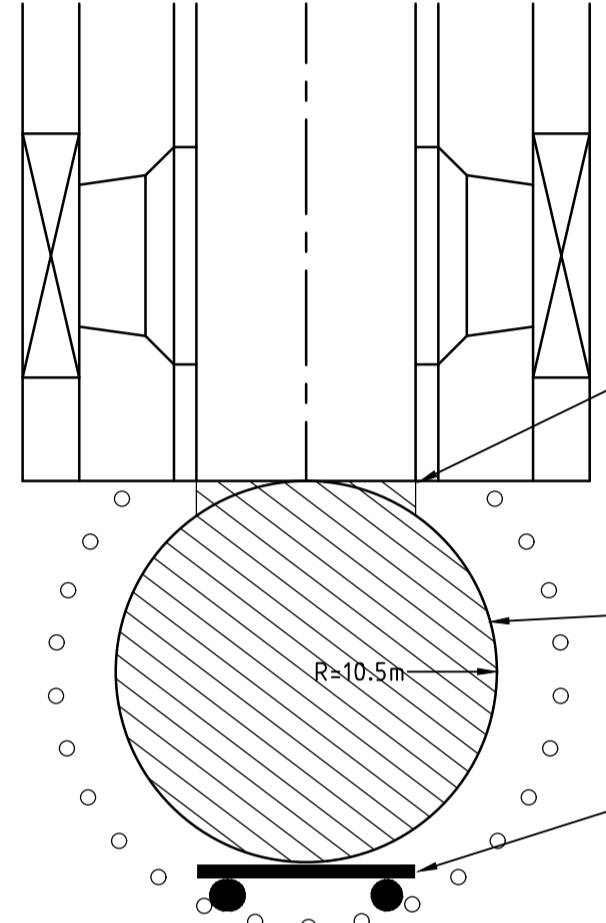
**River Walk**  
 Stage 19A  
 Wyndham City Council  
 Roadworks and Drainage  
 Drainage Longitudinal Sections & Pit Schedule  
**Drawing No. 1932E-19A-15** **Rev 2**  
 Sheet No. 15 of 18  
**As Constructed**

**LEGEND:**

-  525mm PAVEMENT
-  PARKING BAY



**PARKING BAY PAVEMENT COMPOSITION CONCRETE PAVEMENT**  
275mm DEPTH



**TEMPORARY TURN AREA DETAIL**  
NOT TO SCALE

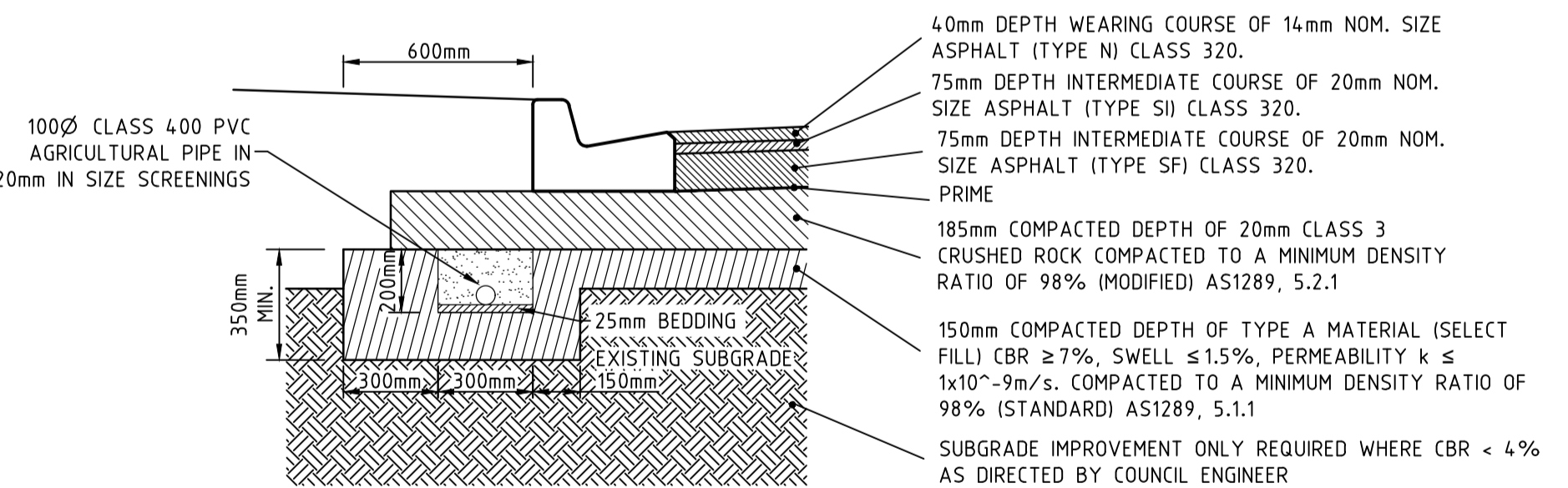
CONSTRUCT 300mm BY 200mm CONCRETE EDGE STRIP WITH 100mm DIAMETER SLOTTED A6 DRAIN UNDERNEATH

200mm COMPACTED DEPTH 4.0mm NOM. SIZE CLASS 4 FCR NOT TO BE CONSTRUCTED WITHOUT SUPERINTENDENT APPROVAL. TEMPORARY TURNING AREA. INSTALL BOLLARDS AT 1.5m SPACING AS PER SD10-2. IF FUTURE STAGE HAS NOT COMMENCED.

"NO ROAD" SIGN

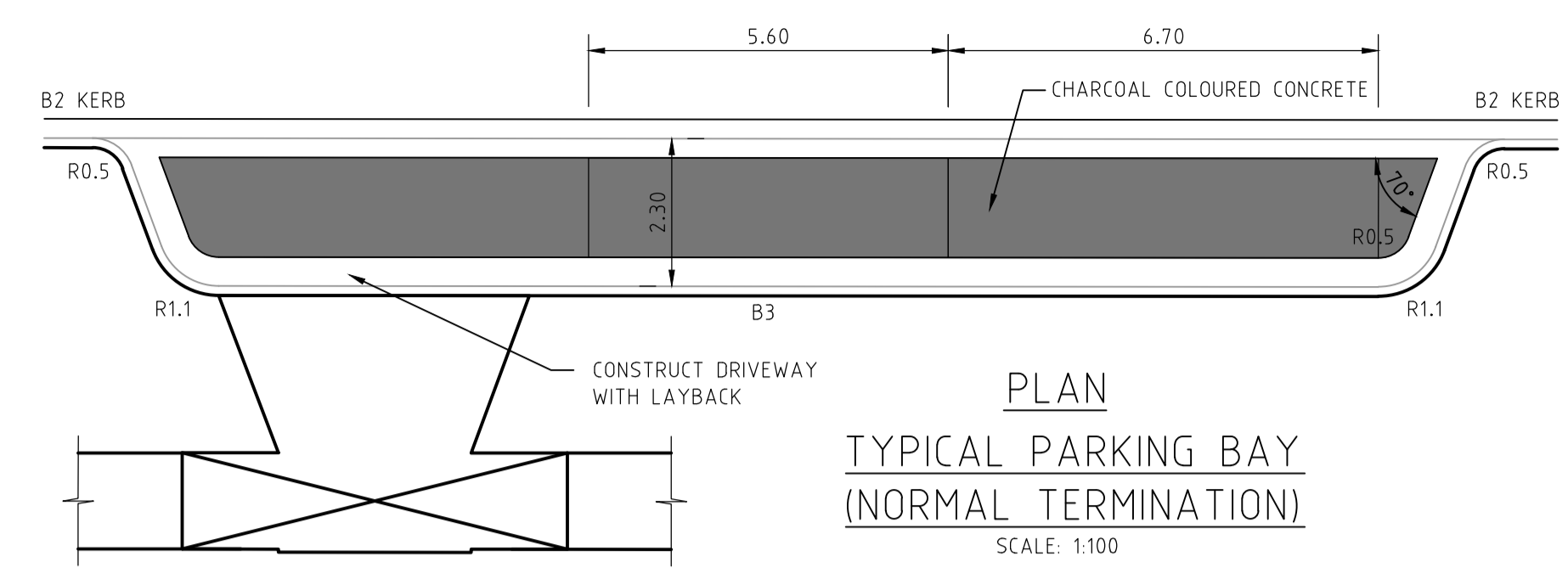
**PAVEMENT DESIGNS**  
ALL PAVEMENT DESIGNS HAVE BEEN PROVIDED BY TONKIN & TAYLOR LTD. SMEC IS NOT RESPONSIBLE FOR GEOTECHNICAL OR PAVEMENT RELATED DESIGNS AND IS NOT RESPONSIBLE FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THESE DESIGNS. THE PAVEMENT COMPOSITIONS SHOWN ON THIS DRAWING HAVE BEEN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

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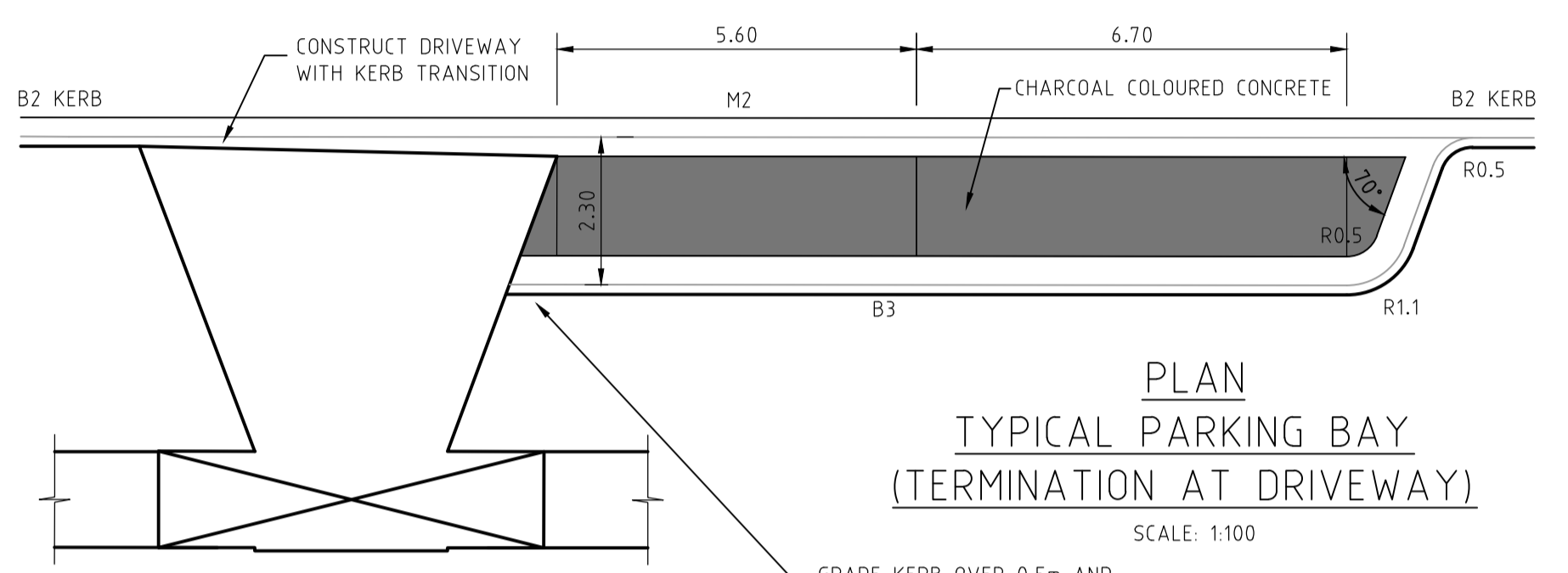


**FARM ROAD & NEWMARKET ROAD PAVEMENT COMPOSITION (CONNECTOR STREET)**  
525mm PAVEMENT

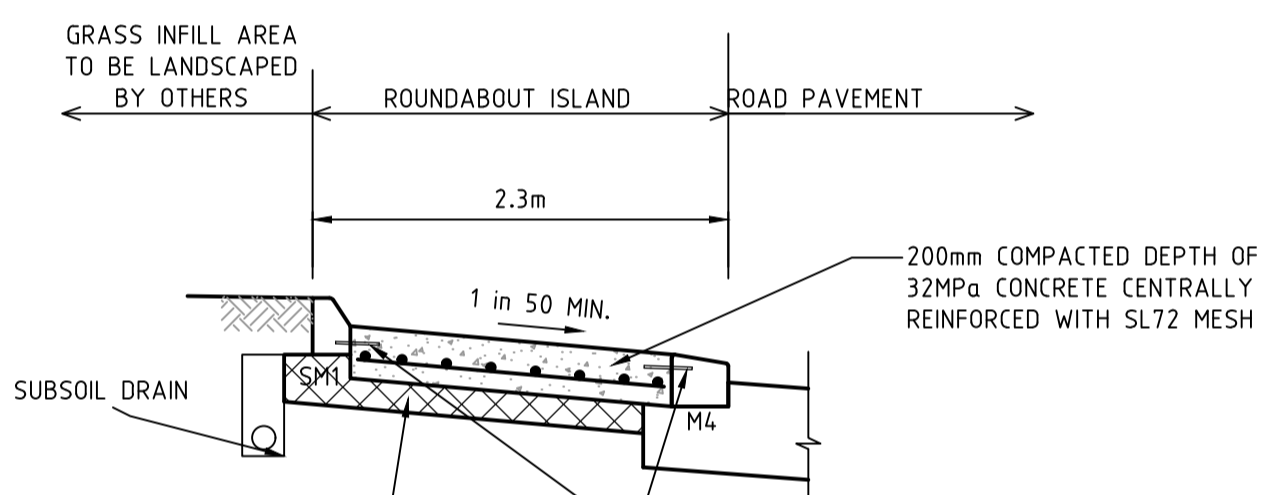
**PAVEMENT DETAIL NOTE**  
TOP 200mm OF CRUSHED ROCK FOR ALL PAVEMENTS COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (MODIFIED) AS1289.5.2.1 STANDARD AND PROOF ROLLED



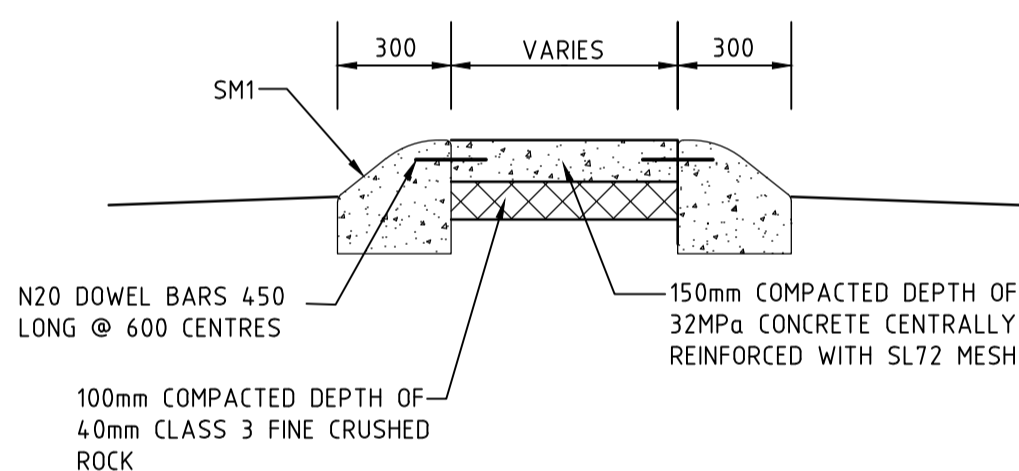
**PLAN TYPICAL PARKING BAY (NORMAL TERMINATION)**  
SCALE: 1:100



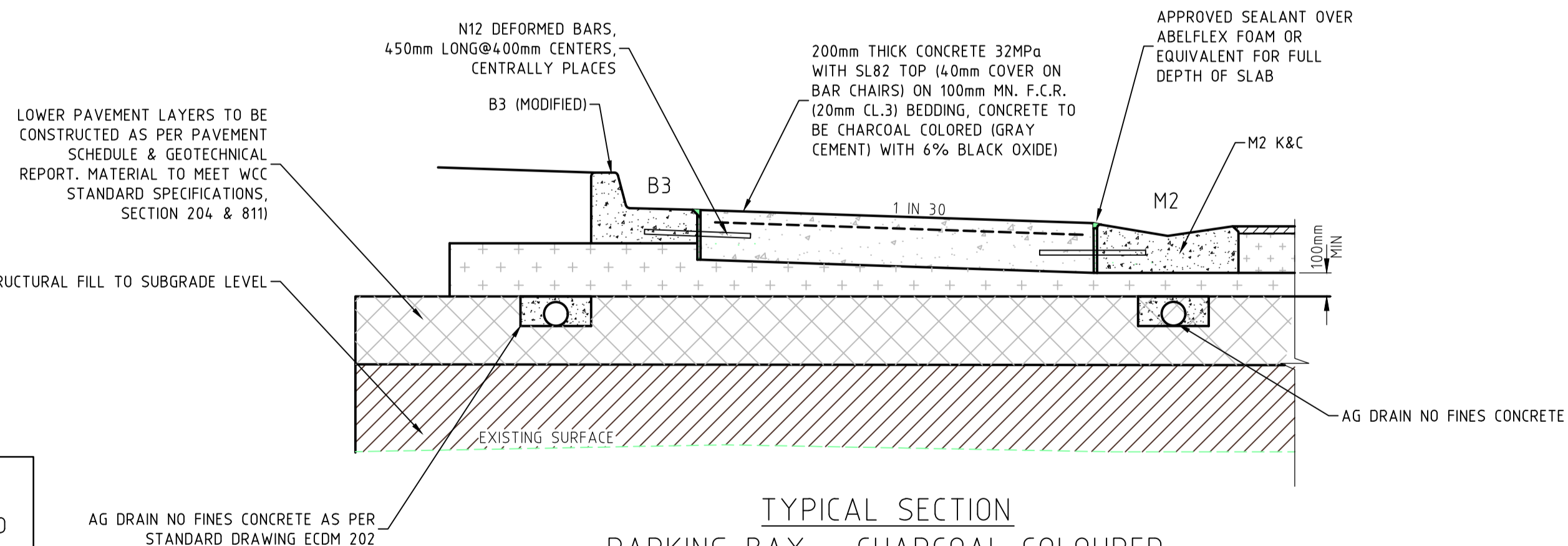
**PLAN TYPICAL PARKING BAY (TERMINATION AT DRIVEWAY)**  
SCALE: 1:100



**ROUNDABOUT ROLLOVER STRIP DETAIL**  
NOT TO SCALE



**CONCRETE INFILL SPLITTER ISLAND**  
NOT TO SCALE



**TYPICAL SECTION PARKING BAY - CHARCOAL COLOURED CONCRETE PAVEMENT**

- GENERAL NOTES**
- THE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT EDM ADDENDUM 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. THE CONTRACTOR 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.
  - ALL ROAD CHAINAGES ARE MEASURED ALONG THE ROAD CENTRELINE EXCEPT KERB RETURNS AND CURBS. 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. BOTH KERBS ARE TO BE MARKED WITH THE LETTERS E,G,H,R,T&W ABOVE CONDUIT LOCATIONS AS SPECIFIED. RESPECTIVE LETTERS TO BE INDICATED ABOVE RELEVANT CONDUITS AS PER STANDARD DRAWING EDM 303. CONDUITS TO BE PLACED MINIMUM OF 5m FROM BOUNDARIES WHERE POSSIBLE AND TO THE SATISFACTION OF THE SUPERINTENDENT IN ACCORDANCE WITH COUNCIL STANDARD DRAWINGS.
  - SUBSOIL DRAINS SHALL BE INSTALLED BEHIND OR BELOW ALL KERB AND CHANNEL AS PER STANDARD DRAWINGS EDM 202.
  - ALL LINEMARKING, SIGNING AND TRAFFIC CONTROL DEVICES TO BE IN ACCORDANCE WITH VICROADS REQUIREMENTS WITH LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGAUR OR PASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL (VICROADS SPECIFICATION SEE SECTION 7108722).
  - ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
  - THE CONTRACTOR WHEN ENGAGED IN BLASTING OPERATION, SHALL NOT BLAST WITHIN 4.5m OF AN EXISTING LINE OF WATER, GAS OR SEWER PIPES OR WITHIN 15m OF ANY COMPLETED PART OF THE WORKS WITHOUT THE CONSENT OF THE ENGINEER.
  - ALL EXCAVATED OR FILLED AREAS OUTSIDE THE ROAD RESERVES SHALL BE SURFACED WITH A 100mm MINIMUM TO 200mm MAXIMUM LAYER OF TOPSOIL AS SPECIFIED. ALL FILLING ON ALLOTMENTS TO BE COMPACTED TO 95% STANDARD COMPACTION IN 150mm LAYERS AND AS PER THE SPECIFICATION. WHERE THERE IS FILL IN EXCESS OF 300mm IN DEPTH, THE CONTRACTOR IS TO CARRY OUT SOIL TESTS TO THE REQUIREMENTS OF APPENDIX B AS SPECIFIED IN THE AUSTRALIAN STANDARD AS 3798-1996 TO SHOW THAT LEVEL 1 COMPACTION STANDARDS HAVE BEEN ACHIEVED. TEST RESULTS AND LOCATION OF TESTS FOR EACH ALLOTMENT SHALL BE APPROVED BY THE CONTRACTOR AND FORWARDED TO COUNCIL.
  - FILL MATERIAL USED UNDER PAVEMENTS AND FOOTPATHS MUST BE AN APPROVED MATERIAL TO THE STANDARD OF WYNDHAM CITY COUNCIL. ALL SUTCH MATERIAL IS TO BE COMPACTED AS PER THE REQUIREMENTS OF THE SPECIFICATION APPROVED WITH THESE DRAWINGS PRIOR TO FORMWORK BEING PLACED. COMPACTION TESTS TO BE COMPLETED AND PROVIDED TO SUPERINTENDENT.
  - FILL & CUT BATTERS ARE NOT TO EXCEED 1 IN 6 SLOPE UNLESS SHOWN OTHERWISE.
  - ALL ALLOTMENTS SHALL BE SMOOTHED, GRADED AND SHAPED TO AN EVEN SURFACE WITH A MINIMUM FALL OF 1 IN 150 TO THE DRAINAGE OUTLET SHOWN.
  - ALL DRAINAGE PIPES ARE CLASS 2 RCP PIPES, RUBBER RING JOINTED UNLESS OTHERWISE SPECIFIED.
  - DRAINAGE PITS SHALL BE CAST MONOLITHICALLY. CEMENT RENDER SHALL ONLY BE USED TO REPAIR DEFECTS.
  - BACKFILLING OF TRENCHES WHERE DRAINAGE AND SEWERAGE ARE IN CLOSE PROXIMITY ARE TO BE BACKFILLED AS PER WYNDHAM CITY COUNCIL STANDARD DRAWING SD6-10.
  - ALL SERVING TRENCHES UNDER ROADS, FOOTPATHS, DRIVEWAYS, PARKING BAYS ETC. ARE TO BE BACKFILLED WITH CLASS 2 F.C.R.
  - ALL HOUSE DRAIN CONNECTIONS ARE TO BE LOCATED NO CLOSER THAN 5.00m FROM THE SIDE BOUNDARY.
  - INVERT OF PROPERTY INLETS TO BE 500mm MINIMUM BELOW FINISHED SURFACE UNLESS NOTED OTHERWISE.
  - VEHICLE CROSSINGS ARE TO BE PROVIDED AT 1m FROM SIDE BOUNDARY UNLESS OTHERWISE SHOWN IN ACCORDANCE WITH WYNDHAM CITY COUNCIL STANDARD DRAWINGS.
  - ADDITIONAL AND OVEREXCAVATION SHALL BE BACKFILLED IN ACCORDANCE WITH THE PROVISIONS OF THE SPECIFICATION.
  - FOOTPATH CROSSFALL TO BE 1:100
  - ALL EXOTIC (NON NATIVE) TREES AND SHRUBS, INCLUDING DEAD TREES, NOT SHOWN ON THE DRAWINGS BUT LOCATED WITHIN THE WORKS ARE TO BE REMOVED AND DISPOSED OFFSITE.
  - INSTALL BLUE RAISED REFLECTIVE PAVEMENT MARKER (BRPPM) ON ROAD CENTRELINE AND "GROUND BALL" MARKER POST TO INDICATE LOCATION OF FIREPLUG.
  - THE CONTRACTOR IS TO ENSURE THAT THEIR CONSTRUCTION PROCEDURES AND STANDARDS CONTROL THE VOLUME AND LOCATION FOR COLLECTION OF SEDIMENT RUNOFF ACCORDING TO CURRENT EPA - ENVIRONMENTAL GUIDELINES FOR MAJOR CONSTRUCTION SITES.
  - UPON COMPLETION OF CONSTRUCTION THE WHOLE SITE SHALL BE CLEANED UP, GRADED AND ALL RUBBISH REMOVED. THE SITE IS TO BE LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT.
  - EXISTING PAVEMENT OR DRAINAGE WORKS DAMAGED DURING CONSTRUCTION OR THE MAINTENANCE PERIOD TO BE REINSTATED TO THE SATISFACTION OF THE COUNCIL ENGINEER.
  - THE LOWER SUB-BASE MATERIAL SHALL WILL BE N.D.C.R. FOR PAVEMENT MAKE UPS AS PER THE STANDARD DRAWINGS OF WYNDHAM CITY COUNCIL.
  - TOTAL LENGTH OF ROADS CONSTRUCTED IS 320 m
  - TOTAL LENGTH OF DRAINS CONSTRUCTED IS 45 m

- SP AUSNET (GAS) - STANDARD NOTES**
- GAS MAINS, FITTINGS AND MARKER TAPE ARE TO BE SUPPLIED BY TXU (GAS).
  - 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 DISTRICT CENTRE.

- 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.3725-2007, LOADS ON BURIED PIPES.
  - CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPLACED & RELAID AT THE CONTRACTOR'S COST.

PLEASE NOTE PAVEMENT COMPOSITIONS HAVE BEEN ADOPTED BASED ON EXISTING STAGES.

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REVISION	DATE	DES/DFT	APPD	Principal Development Victoria 710 Collins Street Docklands, Vic - 3008
1	31.05.18	BC/SS	MB	
0	09.10.17	BC/NG	MB	



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Date  
June 2016

Scale @ A1  
AS SHOWN

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**River Walk**  
Stage 19A  
Wyndham City Council  
Roadworks and Drainage  
General Notes & Details

Drawing No. 1932E-19A-16 Rev 1  
Sheet No. 16 of 18

As Constructed