

Memo

Date 11/05/2021

To: Phill Reid, Auckland-wide Manager
From: **Dean Thompson – Senior Geospatial Specialist**
Teuila Young – Policy Planner

Subject: **Plan Modification: Section 58I update to the Auckland Unitary Plan (AUP) Operative in part (15 November 2016) to reference New Zealand Vertical Datum 2016.**





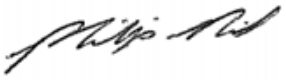
This plan modification requires decision-making pursuant to section 58I(2)(a) and (b) of the Resource Management Act 1991 (RMA), as amendments are required to the Auckland Unitary Plan (Operative in Part) as directed by a national planning standard.

Tier 4 managers are delegated authority by Schedule 2A of the Auckland Council Combined Chief Executives Delegation Register (Updated May 2017).

<p>Rule or Section of Unitary Plan</p>	<p>AUP GIS Viewer - contours Chapter D Overlays Chapter E Aucklandwide Chapter H Zones Chapter I Precincts Chapter L Schedules Chapter M Appendices</p>
<p>Nature of change</p>	<p>The national planning standards data standards direct council to amend the Auckland Unitary Plan (Operative in Part) to ensure it is compliant with New Zealand Vertical Datum 2016 (NZVD2016) and all coordinates are in terms of New Zealand Transverse Mercator 2000 (NZTM2000).</p> <p>Discussion</p> <p>Why does the AUP need to be updated? With the release of the National Planning Standards (NPS) in 2019, a set of data standards were released which determine how any spatial data is captured moving forward.</p> <p>It states any plan review, change or variation which uses a vertical datum must be compliant with New Zealand Vertical Datum 2016 (NZVD2016), among other standards:</p> <p style="padding-left: 40px;">Data standards</p> <ol style="list-style-type: none"> i. Publicly accessible digital datasets used in the preparation of a policy statement or plan, available under Creative Commons attribution CC BY 4.0 licensing, must be listed or uploaded to data.govt.nz in machine readable, non-proprietary format. ii. Any amended planning map digital dataset must be uploaded to, or listed on, data.govt.nz in machine

	<p>readable non-proprietary format, once they become operative or treated as operative.</p> <p>iii. Datums and projections must be compliant with the New Zealand Geodetic Datum (NZGD2000) and New Zealand Transverse Mercator 2000 (NZTM2000).</p> <p>iv. New policy statement or plan information incorporated through a policy statement or plan review, change or variation using a vertical datum must be compliant with New Zealand Vertical Datum 2016 (NZVD2016).</p> <p>How does the new Datum differ: The current Auckland 1946 (AHD 1946) uses a traditional tide gauge method as the basis for its height system. However, these heights are misleading as they do not represent local sea level; the sea varies around the country and the height is not updated over time; therefore these are historic reference points. Height datums such as this are becoming less economic to use and maintain and are susceptible to movement, such as caused by earthquakes and geothermal activity. Each local authority has determined their own sea level height reference, which means that heights are difficult to share with others. This can result in duplicated effort and errors. In comparison, the New Zealand Geoid 2016 (NZGeoid2016) is the reference surface for the New Zealand Vertical Datum 2016 (NZVD2016). The geoid is an undulating equipotential surface that is related to the Earth's gravitational field that approximates level of the seas over the entire Earth. Because it is related to gravity (and therefore reflects the flow of water), it is a more intuitive reference surface than the mathematical ellipsoid. NZVD 2016 has the benefit of being a standardised datum used throughout New Zealand in contrast to AHD 1946 which is specific to the Auckland Region.</p> <p>New Zealand Transverse Mercator 2000 projection: NZTM 2000 is based on the NZGD2000 Datum and is the standard coordinate datum used throughout New Zealand. It has been chosen due to its low distortion at its east west extents. The majority of coordinates within the Unitary Plan are based on the NZTM2000 projection which includes the Unitary Plan Maps. However there are some legacy references to other projections which need updating to be compliant with the National Planning Standards.</p>
<p>Effect of change</p>	<p>The changes are minor in nature. The amendments do not change the application or intent of the provisions.</p> <p>There is no effect nor impact upon either the environment or persons.</p> <p>It's important to note that as we are dealing with relative heights there is no effect on property rights. If the plan is referring to an above ground building height, this will not have to be changed as it is in relation to ground level rather than relative to a height datum.</p>
<p>Changes required to be made</p>	<p>If an NPS so directs, a local authority must amend its plan to be consistent with the specific provisions in the NPS documents (as set out in Section 58I(2) and (3) of the RMA). Any required updates must be made without using a Schedule 1 notification process (Section 58I(3)(a)).</p>

	<p>The NPS data standards require amendments to out of date datum references to NZVD2016 and coordinates to NZTM2000 in the following sections of the AUP:</p> <p>AUP GIS Viewer - contours Chapter D Overlays Chapter E Aucklandwide Chapter H Zones Chapter I Precincts Chapter L Schedules Chapter M Appendices</p>
Note	<p>It is important to note that there are also datum references in Chapter K Designations. In order to update the text in these chapters council needs to be directed to do so by the relevant requiring authorities. Council intends to make contact with these organisations to discuss these changes and update the designation text at a later date.</p>
Attachments	<p>Attachment 1 – List of all text and map amendments with regard to NZVD2016.</p>

<p>Prepared by: Dean Thompson Senior Geospatial Specialist</p>	<p>Prepared by: Teuila Young Policy Planner</p>
<p>Signature:</p> 	<p>Signature:</p> 
<p>Text Entered by: Sophia Coulter Planning Technician</p>	<p>Reviewed by: Teuila Young Policy Planner</p>
<p>Signature:</p> 	<p>Signature:</p> 
<p>Plan update authorised by: Phill Reid Manager Planning, Auckland-Wide Unit</p>	
<p>Signature:</p> 	

Attachment 1

List of all text and map amendments with regard to NZVD2016.

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
Chapter	Chapter D Overlays						
1	D14.6.3. (1)(a)(i)	"the average height above sea level (RL) of the highest points"	"the average height above NZVD2016 of the highest points"				
2	D14.6.3. (1)(a)(iii)	"the average height above sea level (RL) of the site boundary which is contiguous"	"the average height above NZVD2016 of the site boundary which is contiguous"				
3	D14.6.3. (1)(a)(iii)	"average measurements of height above sea level (RL), taken along the contiguous boundary at 1m intervals"	"average measurements of height above NZVD2016, taken along the contiguous boundary at 1m intervals"				
4	D14.6.3. (1)(c)	"RL 103.37 for buildings on 47A Mount St John Avenue Epsom"	"RL (in terms of NZVD2016) 103.37 for buildings on 47A Mount St John Avenue Epsom"				
5	D14.6.3. (1)(c)			1758723.62	5916670.61	103.37	103.08
6	D1610.1 Pilkington Road, Panmure Basin		New diagram introduced				
7	D16.10.2 Queens Road, Panmure Basin		New diagram introduced				
8	Figure D19.6.1.1 Height limit surface	"plane reaches the sea (RL0)"	"plan reaches the sea"				
9	Figure D19.6.1.2 Height limit surface - 2						
10	Figure D19.6.1.3 Height limit surface - 3	"sight line RL"	"sight line RL (in terms of NZVD2016)"				
11	Figure D19.6.1.3 Height limit surface - 3			1761624.691	5922722.999		
12	Figure D19.6.1.3 Height limit surface - 3			1759648.707	5920063.48	48	47.69
13	Figure D19.6.1.3 Height limit surface - 3			1759680.881	5919742.35		
14	Figure D19.6.1.3 Height limit surface - 3			1758478.909	5919168.975		
15	Figure D20A.6.1.1 Building Height			1771805.5033	5915364.5657	78.06	77.76
16	Figure D20A.6.1.1 Building Height	"Coordinates are in terms of NZ Geodetic Datum 2000 Level Datum is in terms of Auckland 1948"	"Coordinates are in terms of NZ Geodetic Datum 2000. Level Datum is in terms of NZVD 2016"				
17	D23.6.1. Height (2)(c)			1748020.3877	5941974.1994	107	106.71
18	Table D23.6.1.1 Height specifications	Runway threshold ground level above mean sea level	Runway threshold ground level above NZVD2016				
19	Table D23.6.1.1 Height specifications			1748020.3877	5941974.1994	65	64.71

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
20	Table D23.6.1.1 Height specifications			1748020.3877	5941974.1994	63	62.71
21	Table D23.6.1.1 Height specifications			1748020.3877	5941974.1994	63	62.71
22	Table D23.6.1.1 Height specifications			1748020.3877	5941974.1994	60	59.71
23	Table D23.6.1.1 Height specifications			1742257.8617	5969805.3249	33	32.70
24	Table D23.6.1.1 Height specifications			1742257.8617	5969805.3249	33	32.70
25	Table D23.6.1.1 Height specifications			1728222.542	5942771.2596	5	4.73
26	Table D23.6.1.1 Height specifications			1728222.542	5942771.2596	6	5.73
27	Table D23.6.1.1 Height specifications	107m above sea level	106.7m above NZVD2016	1748020.3877	5941974.1994	107	106.71
28	Figure D23.6.1.2 Kaipara Flats airfield height restriction						
29	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1742257.8617	5969805.3249	33.0	32.70
30	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1741683.2218	5969805.3249	40.00 LHS	39.70
31	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1741484.308	5969805.3249	50.00	49.70
32	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1741279.8688	5969805.3249	60.00	59.70
33	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1741086.4804	5969805.3249	70.00	69.70
34	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1740882.0412	5969805.3249	80.00	79.70
35	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1740672.0766	5969805.3249	90.00	89.70
36	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1740616.8228	5969805.3249	93.00	92.70
37	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1742860.1286	5969805.3249	40.00 RHS	39.70
38	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1743059.0424	5969805.3249	50.00	49.70
39	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1743263.4816	5969805.3249	60.00	59.70
40	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1743456.87	5969805.3249	70.00	69.70
41	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1743666.8346	5969805.3249	80.00	79.70
42	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1743860.223	5969805.3249	90.00	89.70

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
43	Figure D23.6.1.2 Kaipara Flats airfield height restriction			1743926.5276	5969805.3249	93.00	92.70
44	Figure D23.6.1.3 North Shore airport height restriction						
45	Figure D23.6.1.3 North Shore airport height restriction			1748020.3877	5941974.1994	107.0	106.71
46	Figure D23.6.1.3 North Shore airport height restriction			1748020.3877	5941974.1994	60.0	59.71
47	Figure D23.6.1.3 North Shore airport height restriction			1748020.3877	5941974.1994	63.0	62.71
48	Figure D23.6.1.3 North Shore airport height restriction			1748020.3877	5941974.1994	65.0	64.71
49	Figure D23.6.1.3 North Shore airport height restriction			1747425.074	5942164.6997	70.0 NW	69.71
50	Figure D23.6.1.3 North Shore airport height restriction			1747028.1982	5942259.9499	80.00	79.71
51	Figure D23.6.1.3 North Shore airport height restriction			1746647.1974	5942386.9502	90.00	89.72
52	Figure D23.6.1.3 North Shore airport height restriction			1746258.2592	5942498.0754	100.00	99.72
53	Figure D23.6.1.3 North Shore airport height restriction			1745869.3209	5942593.3256	110.00	109.72
54	Figure D23.6.1.3 North Shore airport height restriction			1745488.3201	5942712.3883	120.00	119.72
55	Figure D23.6.1.3 North Shore airport height restriction			1745107.3193	5942831.4511	130.00	129.72
56	Figure D23.6.1.3 North Shore airport height restriction			1744726.3186	5942950.5138	140.00	139.72
57	Figure D23.6.1.3 North Shore airport height restriction			1744329.4428	5943037.8265	150.00	149.72
58	Figure D23.6.1.3 North Shore airport height restriction			1743948.442	5943133.0767	160.00	159.72
59	Figure D23.6.1.3 North Shore airport height restriction			1743559.5038	5943244.2019	170.00	169.72
60	Figure D23.6.1.3 North Shore airport height restriction			1743178.503	5943363.2646	180.00	179.72
61	Figure D23.6.1.3 North Shore airport height restriction			1742813.3773	5943474.3899	190.00	189.72

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62	Figure D23.6.1.3 North Shore airport height restriction			1742511.7517	5943537.89	197.50	197.21
63	Figure D23.6.1.3 North Shore airport height restriction			1748602.4722	5941820.7407	70.0 SE	69.71
64	Figure D23.6.1.3 North Shore airport height restriction			1748988.7646	5941714.9072	80.00	79.71
65	Figure D23.6.1.3 North Shore airport height restriction			1749369.7654	5941593.1986	90.00	89.71
66	Figure D23.6.1.3 North Shore airport height restriction			1749758.7037	5941487.365	100.00	99.71
67	Figure D23.6.1.3 North Shore airport height restriction			1750134.4127	5941370.9481	110.00	109.71
68	Figure D23.6.1.3 North Shore airport height restriction			1750523.351	5941257.1771	120.00	119.71
69	Figure D23.6.1.3 North Shore airport height restriction			1750909.6435	5941146.0519	130.00	129.71
70	Figure D23.6.1.3 North Shore airport height restriction			1751290.6442	5941037.5725	140.00	139.71
71	Figure D23.6.1.3 North Shore airport height restriction			1751674.2908	5940926.4473	150.00	149.70
72	Figure D23.6.1.3 North Shore airport height restriction			1752060.5833	5940812.6762	160.00	159.70
73	Figure D23.6.1.3 North Shore airport height restriction			1752449.5215	5940704.1968	170.00	169.71
74	Figure D23.6.1.3 North Shore airport height restriction			1752830.5223	5940595.7174	180.00	179.71
75	Figure D23.6.1.3 North Shore airport height restriction			1753214.1689	5940479.3005	190.00	189.71
76	Figure D23.6.1.3 North Shore airport height restriction			1753618.9822	5940370.8211	200.50	200.21
77	Figure D23.6.1.3 North Shore airport height restriction			1747472.6991	5941529.6985	70.0 SW	69.71
78	Figure D23.6.1.3 North Shore airport height restriction			1747179.011	5941257.1771	80.00	79.71
79	Figure D23.6.1.3 North Shore airport height restriction			1746877.3854	5940989.9474	90.00	89.71
80	Figure D23.6.1.3 North Shore airport height restriction			1746578.4056	5940725.3635	100.00	99.71

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
81	Figure D23.6.1.3 North Shore airport height restriction			1746284.7175	5940458.1338	110.00	109.71
82	Figure D23.6.1.3 North Shore airport height restriction			1745987.0607	5940188.2583	120.00	119.71
83	Figure D23.6.1.3 North Shore airport height restriction			1745685.4351	5939926.3203	130.00	129.71
84	Figure D23.6.1.3 North Shore airport height restriction			1745387.7782	5939660.4135	140.00	139.71
85	Figure D23.6.1.3 North Shore airport height restriction			1745078.2151	5939398.4754	150.00	149.71
86	Figure D23.6.1.3 North Shore airport height restriction			1744792.4646	5939128.5999	160.00	159.71
87	Figure D23.6.1.3 North Shore airport height restriction			1744494.8077	5938854.7556	170.00	169.71
88	Figure D23.6.1.3 North Shore airport height restriction			1744220.9634	5938561.0675	180.00	179.71
89	Figure D23.6.1.3 North Shore airport height restriction			1743919.3378	5938303.0983	190.00	189.71
90	Figure D23.6.1.3 North Shore airport height restriction			1743593.8997	5938037.1915	199.50	199.21
91	Figure D23.6.1.3 North Shore airport height restriction			1748398.7426	5942365.7835	70.0 NE	69.71
92	Figure D23.6.1.3 North Shore airport height restriction			1748691.1078	5942636.9819	80.00	79.71
93	Figure D23.6.1.3 North Shore airport height restriction			1748991.4105	5942902.8887	90.00	89.71
94	Figure D23.6.1.3 North Shore airport height restriction			1749287.7444	5943172.7642	100.00	99.70
95	Figure D23.6.1.3 North Shore airport height restriction			1749586.7241	5943434.7023	110.00	109.70
96	Figure D23.6.1.3 North Shore airport height restriction			1749872.4747	5943715.1612	120.00	119.70
97	Figure D23.6.1.3 North Shore airport height restriction			1750171.4545	5943982.3909	130.00	129.70
98	Figure D23.6.1.3 North Shore airport height restriction			1750473.0801	5944244.3289	140.00	139.70
99	Figure D23.6.1.3 North Shore airport height restriction			1750769.414	5944511.5586	150.00	149.70

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
100	Figure D23.6.1.3 North Shore airport height restriction			1751071.0396	5944781.4341	160.00	159.70
101	Figure D23.6.1.3 North Shore airport height restriction			1751375.3111	5945038.0805	170.00	169.70
102	Figure D23.6.1.3 North Shore airport height restriction			1751671.645	5945307.956	180.00	179.70
103	Figure D23.6.1.3 North Shore airport height restriction			1751952.1039	5945591.0608	190.00	189.70
104	Figure D23.6.1.3 North Shore airport height restriction			1752306.6462	5945942.9573	202.50	202.20
105	Figure D23.6.1.4 Parakai airfield height restriction						
106	Figure D23.6.1.4 Parakai airfield height restriction			1728222.542	5942771.2596	5.0	4.73
107	Figure D23.6.1.4 Parakai airfield height restriction			1728222.542	5942771.2596	6.0	5.73
108	Figure D23.6.1.4 Parakai airfield height restriction			1727787.7124	5942777.2572	10.00 LHS	9.73
109	Figure D23.6.1.4 Parakai airfield height restriction			1727586.7911	5942786.2537	20.00	19.73
110	Figure D23.6.1.4 Parakai airfield height restriction			1727388.8686	5942789.2525	30.00	29.73
111	Figure D23.6.1.4 Parakai airfield height restriction			1727187.9473	5942792.2514	40.00	39.73
112	Figure D23.6.1.4 Parakai airfield height restriction			1726987.026	5942795.2502	50.00	49.73
113	Figure D23.6.1.4 Parakai airfield height restriction			1726792.1023	5942798.249	60.00	59.74
114	Figure D23.6.1.4 Parakai airfield height restriction			1726669.1505	5942798.249	65.00	64.74
115	Figure D23.6.1.4 Parakai airfield height restriction			1728684.3612	5942768.2608	10.00 RHS	9.73
116	Figure D23.6.1.4 Parakai airfield height restriction			1728888.2813	5942765.2619	20.00	19.73
117	Figure D23.6.1.4 Parakai airfield height restriction			1729086.2038	5942762.2631	30.00	29.72
118	Figure D23.6.1.4 Parakai airfield height restriction			1729287.125	5942759.2643	40.00	39.72

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
119	Figure D23.6.1.4 Parakai airfield height restriction			1729485.0475	5942753.2666	50.00	49.72
120	Figure D23.6.1.4 Parakai airfield height restriction			1729682.97	5942753.2666	60.00	59.72
121	Figure D23.6.1.4 Parakai airfield height restriction			1729784.9301	5942753.2666	65.00	64.72
	Chapter E Aucklandwide			x	y	z	
122	Table E10.4.1 (A1)					2	1.71
123	Table E10.4.1 (A1)	Flow 2 that are not directed to a stream or are discharged below RL 2m.	Flow 2 that are not directed to a stream or are discharged below RL 1.7m (RL in terms of NZVD2016).				
124	E10.6.1. General standards	Flow 1 or Stormwater management area control – Flow 2 that are not directed to a stream or are discharged below RL 2m, must meet the following standards, unless otherwise specified.	Flow 1 or Stormwater management area control – Flow 2 that are not directed to a stream or are discharged below RL 1.7m (RL in terms of NZVD2016), must meet the following standards, unless otherwise specified.			2	1.71
125	Table E10.4.1 Activity table [rp]	"not directed to a stream or are discharged below RL 2m"	"not directed to a stream or are discharged below RL 1.71"			2	1.71
126	E10.6.1. General standards	"not directed to a stream or are discharged below RL 2m"	"not directed to a stream or are discharged below RL 1.71"			2	1.71
127	Figure E12.10.1 Limited earthworks corridor			1763859.1	5912955.1		
128	Figure E12.10.1 Limited earthworks corridor			1763871.9	5912945.9		
129	Figure E12.10.1 Limited earthworks corridor			1763885.9	5912941.6		
130	Figure E12.10.1 Limited earthworks corridor			1763891.6	5912927.5		
131	Figure E12.10.1 Limited earthworks corridor			1763898.4	5912917.4		
132	Figure E12.10.1 Limited earthworks corridor			1763917.4	5912918		

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
133	Figure E12.10.1 Limited earthworks corridor			1763926.4	5912916.9		
134	Figure E12.10.1 Limited earthworks corridor			1763942.1	5912899.6		
135	Figure E12.10.1 Limited earthworks corridor			1763945.1	5912899.5		
136	Figure E12.10.1 Limited earthworks corridor			1763946.7	5912879.5		
137	Figure E12.10.1 Limited earthworks corridor			1763972.8	5912882		
138	Figure E12.10.1 Limited earthworks corridor			1763981.4	5912862.9		
139	Figure E12.10.1 Limited earthworks corridor			1764021.8	5912828.1		
140	Figure E12.10.1 Limited earthworks corridor			1764051.7	5912823.5		
141	Figure E12.10.1 Limited earthworks corridor			1764069.5	5912812.2		
142	Figure E12.10.1 Limited earthworks corridor			1764099.6	5912814.7		
143	Figure E12.10.1 Limited earthworks corridor			1763830.6	5912983.7		
144	Figure E12.10.1 Limited earthworks corridor			1763838.6	5912979.5		
145	Figure E12.10.1 Limited earthworks corridor			1764127.4	5912807.1		
146	Figure E12.10.1 Limited earthworks corridor			1764139.7	5912820.9		
147	Figure E12.10.1 Limited earthworks corridor			1764151.7	5912819.7		
148	Figure E12.10.1 Limited earthworks corridor			1764155.7	5912823.6		
149	Figure E12.10.1 Limited earthworks corridor			1764156.9	5912830.6		
150	Figure E12.10.1 Limited earthworks corridor			1764152	5912840.7		
151	Figure E12.10.1 Limited earthworks corridor			1764151.2	5912849.7		

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
152	Figure E12.10.1 Limited earthworks corridor			1764153.3	5912856.7		
153	Figure E12.10.1 Limited earthworks corridor			1764161.4	5912858.5		
154	Figure E12.10.1 Limited earthworks corridor			1763825.6	5912983.8		
155	Figure E29.6.1 Wider Emergency Management Area for the Wiri Oil Terminal			1765174.61	5903446		
156	Figure E29.6.1 Wider Emergency Management Area for the Wiri Oil Terminal			1765422.55	5902732.07		
157	Figure E29.6.2 Inner Emergency Management Area for the Wiri Oil Terminal			1765113.27	5903322.64		
158	Figure E29.6.2 Inner Emergency Management Area for the Wiri Oil Terminal			1764195.58	5902373.08		
	Chapter H Zones			x	y	z	
159	H8.6.7 Railway station building and gardens view protection plane	"This figure defines achievable reduced level (RL)"	"This figure defines achievable reduce level (RL in terms of NZVD2016"				
160	Figure H8.6.6.2 Harbour edge height control co-ordinates			1757466.205	5921088.817	3.52	3.19
161	Figure H8.6.6.2 Harbour edge height control co-ordinates			1757891.545	5920940.897	3.52	3.19
162	Figure H8.6.7.1 Railway station buildings and garden view protection plane	"Note 1 Maximum allowable building height above mean sea level (L&S Auckland Datum 1946)"	"Note 1 Maximum allowable building height above NZVD2016"				
163	Figure H8.6.7.1 Railway station buildings and garden view protection plane			1758275.27	5920494.47	4	3.68
164	Figure H8.6.7.1 Railway station buildings and garden view protection plane			1758275.27	5920494.47	5	4.68
165	Figure H8.6.7.1 Railway station buildings and garden view protection plane			1758275.27	5920494.47	6	5.68

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
166	Figure H8.6.7.1 Railway station buildings and garden view protection plane			1758275.27	5920494.47	7	6.68
167	Table H8.6.7.1 Coordinate schedule (Note 1)	Note 1 Coordinates in terms of Geodetic Datum 1949. Circuit origin: Mt Eden 700.000mN 300.000mE.	Note 1 Coordinates in terms of Geodetic Datum 2000.				
168	Table H8.6.7.1 Coordinate schedule			400857.401	803543.872	3.72	3.40
169	Table H8.6.7.1 Coordinate schedule			1758145.255	5920544.863	3.72	3.40
170	Table H8.6.7.1 Coordinate schedule			401027.91	803554.641	7.00	6.68
171	Table H8.6.7.1 Coordinate schedule			1758316.137	5920552.488	7.00	6.68
172	Table H8.6.7.1 Coordinate schedule			401058.48	803464.612	7.00	6.68
173	Table H8.6.7.1 Coordinate schedule			1758344.839	5920461.903	7.00	6.68
174	Table H8.6.7.1 Coordinate schedule			400906.611	803407.863	3.76	3.44
175	Table H8.6.7.1 Coordinate schedule			1758191.949	5920407.968	3.76	3.44
176	Figure H25.6.1.1 Auckland Hospital permitted building heights			1757726.43	5919138.522	109	108.69
177	Figure H25.6.1.1 Auckland Hospital permitted building heights			1757777.536	5919228.346	96	95.69
178	Figure H25.6.1.1 Auckland Hospital permitted building heights			1757834.837	5919125.358	130	129.69
179	Figure H25.6.1.1 Auckland Hospital permitted building heights			1757842.581	5919034.76	102	101.69
180	H25.6.1. Building height (2)	"building heights for Areas 1 to 4 are measured using Reduced Levels (RL)"	"building heights for Areas 1 to 4 are measured using Reduced Levels (RL in terms of NZVD2016)"				
	Chapter I Precincts			x	y	z	
181	I202.10.1 Central Wharves: Precinct plan 1 - Building heights			1757676.81	5921445.78	18	17.66
182	I202.10.3 Central Wharves: Precinct plan 3 - Precinct boundary coordinates in the coastal marine area						
183	I202.10.3 Central Wharves: Precinct plan 3 - Precinct boundary coordinates in the coastal marine area						

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
184	I202.10.3 Central Wharves: Precinct plan 3 - Precinct boundary coordinates in the coastal marine area						
185	I202.10.3 Central Wharves: Precinct plan 3 - Precinct boundary coordinates in the coastal marine area						
186	I204 Cook Street Depot Precinct - I204 Figure I204.10.1						
187	I207.6.4. Frontage Height and Setback(5)(a)	"Lands and Survey Datum (MSL) Auckland 1946)"	"New Zealand Vertical Datum 2016"				
188	I207.6.4. Frontage Height and Setback(5)(a)			1758061.3154	5920216.594	41.623	41.30
189	Figure I207.6.4.5 Frontage control E	"RL 41.623 (Lands & Survey Datum (MSL) Auckland 1946)"	"RL 41.30 (New Zealand Vertical Datum 2016)"				
190	I207.6.4.5 Frontage control E			1758061.3154	5920216.594	41.623	41.30
191	I208.6.1.8(4)	The height of buildings and structures within the coastal marine area must be measured above mean sea level.	The height of buildings and structures within the coastal marine area must be measured above NZVD2016.				
192	I208.10.4 Port: Precinct plan 4 - Precinct boundary coordinates in the coastal marine area			1757822.79	5920981.01		
193	I208.10.4 Port: Precinct plan 4 - Precinct boundary coordinates in the coastal marine area			1758080.19	5921721.81		
194	I208.10.4 Port: Precinct plan 4 - Precinct boundary coordinates in the coastal marine area			1758762.14	5921481.45		
195	I208.10.4 Port: Precinct plan 4 - Precinct boundary coordinates in the coastal marine area			1759476.15	5921405.72		
196	I208.10.4 Port: Precinct plan 4 - Precinct boundary coordinates in the coastal marine area			1759459.33	5921248.55		
197	I208.10.4 Port: Precinct plan 4 - Precinct boundary coordinates in the coastal marine area			1759545.02	5920702.71		

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
198	I208.10.4 Port: Precinct plan 4 - Precinct boundary coordinates in the coastal marine area			1759546.18	5920605.82		
199	I208.10.4 Port: Precinct plan 4 - Precinct boundary coordinates in the coastal marine area			1759505.72	5920566.28		
200	I208.10.4 Port: Precinct plan 4 - Precinct boundary coordinates in the coastal marine area			1759534.03	5920531.95		
201	I211.10.3 Viaduct Harbour: Precinct plan 3 - Building height controls			1757282.1106	5921610.141	18	17.66
202	I211.10.3 Viaduct Harbour: Precinct plan 3 - Building height controls			1756908.2337	5921164.172	8	7.67
203	I211.10.6 Viaduct Harbour: Precinct plan 6 - Precinct boundary coordinates in the coastal marine area			1756884.73	5921309.90		
204	I211.10.6 Viaduct Harbour: Precinct plan 6 - Precinct boundary coordinates in the coastal marine area			1756925.68	5921288.94		
205	I211.10.6 Viaduct Harbour: Precinct plan 6 - Precinct boundary coordinates in the coastal marine area			1756991.17	5921357.07		
206	I211.10.6 Viaduct Harbour: Precinct plan 6 - Precinct boundary coordinates in the coastal marine area			1757090.17	5921323.03		
207	I211.10.6 Viaduct Harbour: Precinct plan 6 - Precinct boundary coordinates in the coastal marine area			1757113.88	5921386.86		
208	I211.10.6 Viaduct Harbour: Precinct plan 6 - Precinct boundary coordinates in the coastal marine area			1757196.27	5921923.81		
209	I211.10.6 Viaduct Harbour: Precinct plan 6 - Precinct boundary coordinates in the coastal marine area			1757477.4	5921934.28		
210	I211.10.6 Viaduct Harbour: Precinct plan 6 - Precinct boundary coordinates in the coastal marine area			1757539.85	5921915.39		

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
211	I211.10.6 Viaduct Harbour: Precinct plan 6 - Precinct boundary coordinates in the coastal marine area			1757289.33	5921219.60		
212	I211.10.6 Viaduct Harbour: Precinct plan 6 - Precinct boundary coordinates in the coastal marine area			1757302.68	5921214.39		
213	I211.10.6 Viaduct Harbour: Precinct plan 6 - Precinct boundary coordinates in the coastal marine area			1757285.5	5921168.57		
214	Table I212.6.1.1 Building height			1756352.0012	5920493.4	11.675	11.36
215	Table I212.6.1.1 Building height			1756344.6166	5920493.695	9.00	8.68
216	Table I212.6.1.1 Building height			1756357.0228	5920478.04	9.65	9.33
217	Table I212.6.1.1 Building height			1756420.8256	5920506.101	13.50	13.18
218	Table I212.6.1.1 Building height Note 1 (2)			1756413.4411	5920506.101	15.50	15.18
219	I212.6.2 (Note 1)	Datum 0.00 = LINZ (Lands and Survey New Zealand Datum)	Datum 0.00 = LINZ (RL in terms of NZVD2016)				
220	Figure I212.6.4.2 Adelaide Street viewshaft elevation			1756494.6716	5920512.895	4.61	4.29
221	Figure I212.6.4.2 Adelaide Street viewshaft elevation			1756494.6716	5920512.895	10.23	9.91
222	I213.6.1.7.1(4)	Buildings and structures in the coastal marine area must not exceed a height of 4.7m above mean sea level	Buildings and structures in the coastal marine area must not exceed a height of 4.7m above NZVD2016.				
223	I213.6.1.7 Building height and coverage(4)		This should not be changed if it is relative to present day msl, but will need to be re annotated if it is.	1755863.86	5921655.55	5	4.68
224	I214.10.4 Wynyard: Precinct plan 4 – Basic height			1756769.79	5921564.27	15	14.67
225	I214.10.4 Wynyard: Precinct plan 4 – Basic height			1756769.79	5921564.27	18	17.67
226	I214.10.5 Wynyard: Precinct plan 5 – Maximum height			1756769.79	5921564.27	15	14.67
227	I214.10.5 Wynyard: Precinct plan 5 – Maximum height			1756769.79	5921564.27	18	17.67

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
228	I214.10.11 Wynyard: Precinct plan 11 - Precinct boundary coordinates in the coastal marine area						
229	I214.10.11 Wynyard: Precinct plan 11 - Precinct boundary coordinates in the coastal marine area						
230	I214.10.11 Wynyard: Precinct plan 11 - Precinct boundary coordinates in the coastal marine area						
231	I214.10.11 Wynyard: Precinct plan 11 - Precinct boundary coordinates in the coastal marine area						
232	I214.10.11 Wynyard: Precinct plan 11 - Precinct boundary coordinates in the coastal marine area						
233	I214.10.11 Wynyard: Precinct plan 11 - Precinct boundary coordinates in the coastal marine area						
234	I214.10.11 Wynyard: Precinct plan 11 - Precinct boundary coordinates in the coastal marine area						
235	I214.10.11 Wynyard: Precinct plan 11 - Precinct boundary coordinates in the coastal marine area						
236	I214.10.11 Wynyard: Precinct plan 11 - Precinct boundary coordinates in the coastal marine area						
237	I214.10.11 Wynyard: Precinct plan 11 - Precinct boundary coordinates in the coastal marine area						
238	I214.10.11 Wynyard: Precinct plan 11 - Precinct boundary coordinates in the coastal marine area						
239	Table I308.6.2.1 Building height			1761057.737	5914551.35	44.2	43.93
240	Table I308.6.2.1 Building height			1761153.774	5914460.05	53.3	53.03
241	Table I308.6.2.1 Building height			1761081.138	5914492.14	73.0	72.73
242	Table I308.6.2.1 Building height			1761217.514	5914371.99	90.0	89.73
243	Table I308.6.2.1 Building height						66.20

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
244	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761145.782	5914666.46		
245	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761153.411	5914646.315		
246	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1760978.57	5914548.53		
247	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1760947.131	5914525.106		
248	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761046.411	5914539.273		
249	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761137.194	5914526.592		
250	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761196.389	5914536.5		
251	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761207.128	5914522.298		
252	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761219.923	5914511.06		
253	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761016.437	5914432.807		
254	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761046.859	5914401.239		
255	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761089.167	5914417.46		
256	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761202.391	5914428.368		
257	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761223.869	5914399.965		
258	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761256.327	5914424.37		
259	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761259.049	5914409.317		
260	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761263.678	5914389.227		
261	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761168.953	5914350.972		
262	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761234.444	5914322.755		

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
263	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761267.161	5914307.147		
264	I308.10.3 Central Park: Precinct plan 3 - Central park building height coordinates			1761279.326	5914315.924		
265	I317.10.1. Hillsborough: Precinct plan 1			1757498.8589	5912990.239	66.30	66.02
266	I317.10.1. Hillsborough: Precinct plan 1			1757275.2856	5913119.224	70.0	69.72
267	I317.10.1. Hillsborough: Precinct plan 1			1757400.9629	5913053.739	78.0	77.72
268	I317.10.1. Hillsborough: Precinct plan 1			1757207.486	5913048.448	77.852	77.58
269	I317.10.1. Hillsborough: Precinct plan 1			1757257.0954	5913052.747	80.10	79.82
270	I317.10.1. Hillsborough: Precinct plan 1			1757317.2883	5913046.463	81.0	80.72
271	I317.10.1. Hillsborough: Precinct plan 1			1757370.205	5913061.677	74.0	73.72
272	I317.10.1. Hillsborough: Precinct plan 1			1757400.3015	5913053.078	78.0	77.72
273	I317.10.1. Hillsborough: Precinct plan 1			1757234.6058	5912997.846	75.5	75.22
274	I317.10.1. Hillsborough: Precinct plan 1			1757258.0876	5913011.406	76.80	76.52
275	I317.10.1. Hillsborough: Precinct plan 1			1757284.8767	5913004.13	68.5	68.22
276	I317.10.1. Hillsborough: Precinct plan 1			1757359.6217	5912997.515	69.3	69.02
277	I317.10.1. Hillsborough: Precinct plan 1			1757359.6217	5912997.515	69.3	69.02
278	I317.10.1. Hillsborough: Precinct plan 1			1757404.6009	5913001.484	68.5	68.22
279	I317.10.1. Hillsborough: Precinct plan 1			1757434.0359	5913030.588	66.7	66.42
280	I317.10.1. Hillsborough: Precinct plan 1			1757458.8406	5912987.924	64.60	64.32
281	I317.10.1. Hillsborough: Precinct plan 1			1757495.2209	5912989.909	66.30	66.02
282	I320.6.1. Height (1)(b)			1753413.54	5917795.1	22.5	22.21
283	I320.6.1. Height (1)(b)			1753413.54	5917795.1	22.5	22.21
284	I320.6.1. Height (1)(b)	the maximum ground level must be taken as	the maximum ground level (RL in terms of NZVD2016) must be taken as	1753413.54	5917795.1	22.5	22.21
285	I320.6.1. Height (1)(c)			1753413.54	5917795.1	22.5	22.21
286	I328.6.11. Building height (2)	"RL"	"Reduced Level in terms of NZVD2016"	1761355.54	5918847.89	12.5	12.21
287	I328.6.11. Building height (3)(d)	"RL"	"Reduced Level in terms of NZVD2016"				
288	I328.6.11. Building height (3)(d)	"must be in terms of Auckland Datum 1946"	"must be in terms of New Zealand Vertical Datum 2016"				

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
289	Figure I328.6.13.1 Orakei Point height controls	"Maximum RL as specified on Orakei Point Precinct - Precinct plan 1"	"Maximum RL (Reduced Level in terms of NZVD2016) on Orakei Point Precinct - Precinct plan 1"				
290	Figure I328.6.13.1 Orakei Point height controls (Explanation)	"a maximum RL"	"a maximum RL (Reduced Level in terms of NZVD2016)"				
291	Figure I328.6.13.1 Orakei Point height controls (Explanation)			1761355.54	5918847.89	12.5	12.21
292	Figure I328.6.13.1 Orakei Point height controls (Explanation)			1761355.54	5918847.89	16	15.71
293	Figure I328.6.13.1 Orakei Point height controls (Explanation)	Maximum heights of RL12.2	Maximum heights (RL in terms of NZVD2016) of RL12.2	1761355.54	5918847.89	14.5	14.21
294	Figure I328.6.13.1 Orakei Point height controls (Explanation)	Maximum heights of RL12.2	Maximum heights (RL in terms of NZVD2016) of RL12.2	1761355.54	5918847.89	16	15.71
295	Figure I328.6.13.1 Orakei Point height controls (Explanation)	Maximum heights of RL12.2	Maximum heights (RL in terms of NZVD2016) of RL12.2	1761355.54	5918847.89	12.5	12.21
296	Figure I328.6.13.1 Orakei Point height controls (Explanation)			1761355.54	5918847.89	5.5	5.21
297	I328.6.14. Orakei Road recession plane and building landscaping	"RL 30 above Auckland Datum 1946 (mean sea level)"	"RL 29.7 above New Zealand Vertical Datum 2016"	1761355.54	5918847.89	30	29.71
298	I328.6.15. Site intensity	"RL"	"Reduced Level in terms of NZVD2016"	1761355.54	5918847.89	18	17.71
299	I328.6.15. Site intensity	for Subprecinct A, below RL (Reduced Level in terms of NZVD2016) 17.71 (measured above Auckland Datum 1946 (mean sea level));	for Sub-precinct A, below RL 17.71 (Reduced Level in terms of NZVD2016);				
300	I328.10.1 Orakei Point Precinct - Precinct plan 1	"RL"	"Reduced Level in terms of NZVD2016"	1761355.54	5918847.89	30	29.71
301	I328.10.1 Orakei Point Precinct - Precinct plan 1	"determine the accurate RL levels of Orakei Road"	"determine the accurate RL (Reduced Level in terms of NZVD2016) levels of Orakei Road"				

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
302	I328.10.1 Orakei Point Precinct - Precinct plan 1	"above Auckland Datum 1946 (mean sea level)"	"above New Zealand Vertical Datum 2016 (mean sea level)"				
303	I328.10.1 Orakei Point Precinct - Precinct plan 1			1761355.54	5918847.89	19.5	19.21
304	I328.10.1 Orakei Point Precinct - Precinct plan 1			1761355.54	5918847.89	27	26.71
305	I328.10.1 Orakei Point Precinct - Precinct plan 1			1761355.54	5918847.89	33	32.71
306	I328.10.1 Orakei Point Precinct - Precinct plan 1			1761355.54	5918847.89	31	30.71
307	I328.10.1 Orakei Point Precinct - Precinct plan 1			1761355.54	5918847.89	29.5	29.21
308	I328.10.1 Orakei Point Precinct - Precinct plan 1			1761355.54	5918847.89	26.5	26.21
309	I328.10.1 Orakei Point Precinct - Precinct plan 1			1761355.54	5918847.89	29	28.71
310	I328.10.1 Orakei Point Precinct - Precinct plan 1			1761355.54	5918847.89	30	29.71
311	I328.10.1 Orakei Point Precinct - Precinct plan 1			1761355.54	5918847.89	12.5	12.21
312	I328.10.1 Orakei Point Precinct - Precinct plan 1			1761355.54	5918847.89	21	20.71
313	I328.10.1 Orakei Point Precinct - Precinct plan 1			1761355.54	5918847.89	38.5	38.21
314	I328.10.1 Orakei Point Precinct - Precinct plan 1			1761355.54	5918847.89	30	29.71
315	I328.10.1 Orakei Point Precinct - Precinct plan 1			1761355.54	5918847.89	5.5	5.21
316	I328.10.1 Orakei Point Precinct - Precinct plan 1			1761355.54	5918847.89	18	17.71
317	Table I330.6.2.1 Building height	Column headings "Height above datum" "Datum" "Datum RL"	Column headings "Height above datum (NZVD 2016)" "Datum (NZVD2016)" "Datum RL (Reduced Level in terms of NZVD2016)"				

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
318	Table I330.6.2.1 Building height			1754338.771	5916747.036	36.35	36.06
319	Table I330.6.2.1 Building height			1754338.771	5916747.036	36.35	36.06
320	Table I330.6.2.1 Building height			1754690.341	5916851.124	41.01	40.72
321	Table I330.6.2.1 Building height			1754690.341	5916851.124	41.01	40.72
322	Table I330.6.2.1 Building height			1754690.341	5916851.124	41.01	40.72
323	Table I330.6.2.1 Building height			1754690.341	5916851.124	41.01	40.72
324	I330.10.2 Saint Lukes: Precinct plan 2 - Building height areas			1754338.771	5916747.036	36.35	36.06
325	I330.10.2 Saint Lukes: Precinct plan 2 - Building height areas			1754690.341	5916851.124	41.01	40.72
326	I333.1. Precinct description	"minimum RL64m on development sites"	"minimum RL63.7 (Reduced Level in terms of NZVD2016) on development sites"	1756507.7058	5914195.574	64	63.72
327	I333.1. Precinct description	"maximum reduced level (RL)"	"maximum reduced level (RL) (Reduced Level in terms of NZVD2016)"				
328	I333.1. Precinct description	"development sites as a reduced level (RL)"	"development sites as a reduced level (RL in terms of NZVD 2016)"				
329	I333.1. Precinct description	"illustrates the reduced level (RL)"	"illustrates the reduced level (RL in terms of NZVD2016)"				
330	I333.4. Activity table (Note 4)	""reduced levels' or 'RLs""	""reduced levels' or 'RLs' (in terms of NZVD2016)"				
331	I333.6.2 Maximum Building Height	"Auckland Datum"	"New Zealand Vertical Datum 2016"				
332	I333.6.2 Maximum Building Height	"Auckland Datum"	"New Zealand Vertical Datum 2016"				
333	I333.6.2 Maximum Building Height			1756471.08	5913991.49	68.50	68.22
334	I333.6.2A Finished Ground Levels (1)(a)			1756515.37	5914249.49	64	63.72
335	I333.6.2A Finished Ground Levels (1)(b)			1756458.1	5913999.31	67	66.72
336	I333.6.2A Finished Ground Levels (1)(b)			1756458.1	5913999.31	67	66.72
337	I333.6.2A Finished Ground Levels (1)(c)			1756480.97	5914085.45	63	62.72
338	I333.6.2A Finished Ground Levels (2)			1756466.86	5913929.19	77	76.72
339	I333.6.5. Yards (1)	"RL of the adjacent street level"	"RL (Reduced Level in terms of NZVD2016) of the adjacent street level"				
340	I333.6.7. Volcanic Viewshafts: Height Sensitive Areas (1)			1756250.95	5914098.25	77.50	77.22

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
341	I333.6.8. Te T atua o Riu-ki-uta sightlines(2)	"The destination line on the Maunga shall be RL120m"	"The destination line on the Maunga shall be RL119.7m (Reduced level in terms of NZVD2016)"	1756342.07	5914437.35	120	119.72
342	I333.10.1 Precinct Plan 1: Location	"Southern Terrace: RL 67"	"Southern Terrace: RL 66.7 (Reduced Level in terms of NZVD2016)"	1756471.08	5913991.49	67	66.72
343	I333.10.1 Precinct Plan 1: Location	"Land adjacent Western Reserve: RL 77.50"		1756250.95	5914098.25	77.50	77.22
344	I333.10.1A Precinct Plan 1A: Activities and Standards	"Southern Terrace: RL 67"	"Southern Terrace: RL 66.7 (Reduced Level in terms of NZVD2016)"	1756471.08	5913991.49	67	66.72
345	I333.10.2 Precinct Plan 2: Maximum Building Height			1756695.767	5914404.71	98.5	98.22
346	I333.10.2 Precinct Plan 2: Maximum Building Height			1756740.173	5914397.535	80.78	80.50
347	I333.10.2 Precinct Plan 2: Maximum Building Height			1756509.397	5914295.299	75.5	75.22
348	I333.10.2 Precinct Plan 2: Maximum Building Height			1756622.517	5914311.989	91.5	91.22
349	I333.10.2 Precinct Plan 2: Maximum Building Height			1756686.495	5914311.062	95	94.72
350	I333.10.2 Precinct Plan 2: Maximum Building Height			1756452.837	5914172.907	78.5	78.22
351	I333.10.2 Precinct Plan 2: Maximum Building Height			1756610.463	5914163.635	80.0	79.72
352	I333.10.2 Precinct Plan 2: Maximum Building Height			1756681.858	5914155.29	95	94.72
353	I333.10.2 Precinct Plan 2: Maximum Building Height			1756257.195	5914098.73	83.5	83.22
354	I333.10.2 Precinct Plan 2: Maximum Building Height			1756477.872	5914077.404	68	67.72
355	I333.10.2 Precinct Plan 2: Maximum Building Height			1756344.353	5914021.771	92	91.72
356	I333.10.2 Precinct Plan 2: Maximum Building Height			1756421.312	5913965.211	98.5	98.22
357	I333.10.2 Precinct Plan 2: Maximum Building Height			1756475.09	5913944.812	78	77.72

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
358	I333.10.2 Precinct Plan 2: Maximum Building Height			1756550.194	5913979.119	95.5	95.22
359	I333.10.2 Precinct Plan 2: Maximum Building Height			1756623.444	5914022.698	83	82.72
360	I333.10.2 Precinct Plan 2: Maximum Building Height			1756669.805	5914035.679	97.5	97.22
361	I333.10.2 Precinct Plan 2: Maximum Building Height			1756316.537	5913968.92	94	93.72
362	I333.10.2 Precinct Plan 2: Maximum Building Height			1756408.331	5913924.414	101.5	101.22
363	I333.10.2 Precinct Plan 2: Maximum Building Height			1756717.695	5914223.528	77.97	77.69
364	I333.10.2 Precinct Plan 2: Maximum Building Height			1756713.121	5914196.863	77.83	77.55
365	I333.10.2 Precinct Plan 2: Maximum Building Height			1756712.387	5914177.994	77.64	77.36
366	I333.10.2 Precinct Plan 2: Maximum Building Height			1756707.971	5914147.259	77.13	76.85
367	I333.10.2 Precinct Plan 2: Maximum Building Height			1756705.126	5914125.089	76.71	76.43
368	I333.10.2 Precinct Plan 2: Maximum Building Height			1756699.486	5914100.603	76.22	75.94
369	I333.10.2 Precinct Plan 2: Maximum Building Height			1756698.881	5914084.906	77.97	77.69
370	I333.10.2 Precinct Plan 2: Maximum Building Height			1756696.39	5914064.482	75.35	75.07
371	I333.10.2 Precinct Plan 2: Maximum Building Height			1756692.868	5914043.555	75.20	74.92
372	I333.10.2 Precinct Plan 2: Maximum Building Height			1756691.04	5914022.811	75.24	74.96
373	I333.10.2 Precinct Plan 2: Maximum Building Height			1756687.435	5913995.148	75.45	75.17
374	I333.10.2 Precinct Plan 2: Maximum Building Height	"Indicative RL of footpath height for information"	"Indicative RL (Reduced Level in terms of NZVD2016) of footpath height for information"				

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
375	I333.10.2 Precinct Plan 2: Maximum Building Height	"Buildings measured as a maximum reduced level (RL) referenced above Auckland Datum"	"Buildings measured as a maximum reduced level (RL) referenced above New Zealand Vertical Datum 2016"				
376	I333.10.2A Precinct Plan 2A: Finished Ground Levels	"Maximum plaza level RL 77 subject to rule I333.6.3(2)"	"Maximum plaza level RL 76.7 (Reduced Level in terms of NZVD2016) subject to rule I333.6.3(2)"	1756466.86	5913929.19	77	76.72
377	I333.10.2A Precinct Plan 2A: Finished Ground Levels			1756480.97	5914085.45	63	62.72
378	I333.10.2A Precinct Plan 2A: Finished Ground Levels			1756515.37	5914249.49	64	63.72
379	I333.10.2A Precinct Plan 2A: Finished Ground Levels			1756458.1	5913999.31	67	66.72
380	I333.10.3. Precinct Plan 3: Te Tatua o Riu-ki-uta Sightlines			1756342.07	5914437.35	120	119.72
381	I333.10.3. Precinct Plan 3: Te Tatua o Riu-ki-uta Sightlines			1756661.55	5914407.58	80	79.72
382	I333.10.3. Precinct Plan 3: Te Tatua o Riu-ki-uta Sightlines			1756714.9	5914208.56	78	77.72
383	I333.10.3. Precinct Plan 3: Te Tatua o Riu-ki-uta Sightlines			1756450.98	5913986.97	77	76.72
384	I333.10.3. Precinct Plan 3: Te Tatua o Riu-ki-uta Sightlines			1756488.68	5913924.79	77	76.72
385	I333.10.3. Precinct Plan 3: Te Tatua o Riu-ki-uta Sightlines			1756627.58	5914012.1	77	76.72
386	I333.10.3. Precinct Plan 3: Te Tatua o Riu-ki-uta Sightlines			1756315.38	5914011.44	71	70.72
387	I336.10.3 Sylvia Park: Limited earthworks corridor	"Mt Eden Circuit 1949"	"New Zealand Transverse Mercator 2000"				
388	I336.10.3 Sylvia Park: Limited earthworks corridor			1763859.1	5912955.1		
389	I336.10.3 Sylvia Park: Limited earthworks corridor			1763871.9	5912945.9		
390	I336.10.3 Sylvia Park: Limited earthworks corridor			1763885.9	5912941.6		

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
391	I336.10.3 Sylvania Park: Limited earthworks corridor			1763891.6	5912927.5		
392	I336.10.3 Sylvania Park: Limited earthworks corridor			1763898.4	5912917.4		
393	I336.10.3 Sylvania Park: Limited earthworks corridor			1763917.4	5912918		
394	I336.10.3 Sylvania Park: Limited earthworks corridor			1763926.4	5912916.9		
395	I336.10.3 Sylvania Park: Limited earthworks corridor			1763942.1	5912899.6		
396	I336.10.3 Sylvania Park: Limited earthworks corridor			1763945.1	5912899.5		
397	I336.10.3 Sylvania Park: Limited earthworks corridor			1763946.7	5912879.5		
398	I336.10.3 Sylvania Park: Limited earthworks corridor			1763972.8	5912882		
399	I336.10.3 Sylvania Park: Limited earthworks corridor			1763981.4	5912862.9		
400	I336.10.3 Sylvania Park: Limited earthworks corridor			1764021.8	5912828.1		
401	I336.10.3 Sylvania Park: Limited earthworks corridor			1764051.7	5912823.5		
402	I336.10.3 Sylvania Park: Limited earthworks corridor			1764069.5	5912812.2		
403	I336.10.3 Sylvania Park: Limited earthworks corridor			1764099.6	5912814.7		
404	I336.10.3 Sylvania Park: Limited earthworks corridor			1763830.6	5912983.7		
405	I336.10.3 Sylvania Park: Limited earthworks corridor			1763838.6	5912979.5		
406	I336.10.3 Sylvania Park: Limited earthworks corridor			1764127.4	5912807.1		
407	I336.10.3 Sylvania Park: Limited earthworks corridor			1764139.7	5912820.9		
408	I336.10.3 Sylvania Park: Limited earthworks corridor			1764151.7	5912819.7		
409	I336.10.3 Sylvania Park: Limited earthworks corridor			1764155.7	5912823.6		

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
410	I336.10.3 Sylvania Park: Limited earthworks corridor			1764156.9	5912830.6		
411	I336.10.3 Sylvania Park: Limited earthworks corridor			1764152	5912840.7		
412	I336.10.3 Sylvania Park: Limited earthworks corridor			1764151.2	5912849.7		
413	I336.10.3 Sylvania Park: Limited earthworks corridor			1764153.3	5912856.7		
414	I336.10.3 Sylvania Park: Limited earthworks corridor			1764161.4	5912858.5		
415	I336.10.3 Sylvania Park: Limited earthworks corridor			1763825.6	5912983.8		
416	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1777726.7	5915836.3		
417	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1777695.3	5915733.5		
418	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1777666.6	5915639.6		
419	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1778080.4	5915410.1		
420	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1778388.3	5915316.4		
421	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1778697.5	5915222.3		
422	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1779041.7	5915323.8		
423	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1778915.1	5914707		
424	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1778754.7	5915411.2		
425	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1779072.5	5915425.3		
426	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1778785.6	5915513		
427	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1778820.7	5915628.9		
428	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1778679.1	5915545.5		

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
429	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1778477	5915607.2		
430	I403.10.2. Beachlands 1: Precinct plan 2 - road network			1778169.3	5915701.2		
431	I404.6.1. Building height (1)	"RL 47.00 above Mean Sea Level, Auckland Vertical Datum 1946"	"RL 46.7 above New Zealand Vertical Datum 2016"	1779254.54	5915346.11	47.00	46.73
432	I404.6.1. Building height (2)	"RL 49.30 above Mean Sea Level, Auckland Vertical Datum 1946"	"RL 49.0 above New Zealand Vertical Datum 2016"	1779116.95	5915410.27	49.30	49.03
433	I404.10.2. Beachlands 2: Precinct plan 2	"RL 47.00 above Mean Sea Level, Auckland Vertical Datum 1946"	"RL 46.7 above New Zealand Vertical Datum 2016"	1779254.54	5915346.11	47.00	46.73
434	I404.10.2. Beachlands 2: Precinct plan 2	"RL 49.30 above Mean Sea Level, Auckland Vertical Datum 1946"	"RL 49.0 above New Zealand Vertical Datum 2016"	1779116.95	5915410.27	49.30	49.03
435	I432.6.5. Pukaki Marae - Matukutureia viewshaft (Table 3 Schedule of Coordinates)			1761093.45	5904259.71	9.29	9.01
436	I432.6.5. Pukaki Marae - Matukutureia viewshaft (Table 3 Schedule of Coordinates)			1761171.07	5904275.3	9.53	9.25
437	I432.6.5. Pukaki Marae - Matukutureia viewshaft (Table 3 Schedule of Coordinates)			1764248.53	5902064.32	54.48	54.20
438	I432.6.5. Pukaki Marae - Matukutureia viewshaft (Table 3 Schedule of Coordinates)			1764205.64	5902005.13	54.33	54.05
439	I432.6.5. Pukaki Marae - Matukutureia viewshaft (Table 3 Schedule of Coordinates)			1763461.89	5902584.03	43.3	43.02
440	I432.10.4. Puhinui: Precinct plan 4 - Pukaki Marae - Matukutureia viewshaft (survey diagram)	"Levels are in terms of Auckland Datum 1946."	"Levels are in terms of New Zealand Vertical Datum 2016"				
441	I432.10.4. Puhinui: Precinct plan 4 - Pukaki Marae - Matukutureia viewshaft (survey diagram)			1761093.45	5904259.71	9.29	9.01

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
442	I432.10.4. Puhinui: Precinct plan 4 - Pukaki Marae - Matukutureia viewshaft (survey diagram)			1761171.07	5904275.3	9.53	9.25
443	I432.10.4. Puhinui: Precinct plan 4 - Pukaki Marae - Matukutureia viewshaft (survey diagram)			1764248.53	5902064.32	54.48	54.20
444	I432.10.4. Puhinui: Precinct plan 4 - Pukaki Marae - Matukutureia viewshaft (survey diagram)			1764205.64	5902005.13	54.33	54.05
445	I432.10.4. Puhinui: Precinct plan 4 - Pukaki Marae - Matukutureia viewshaft (survey diagram)			1763461.89	5902584.03	43.3	43.02
446	I432.10.4. Puhinui: Precinct plan 4 - Pukaki Marae - Matukutureia viewshaft (survey diagram)			1763202.42	5903283.71	11.11	10.83
447	I432.10.4. Puhinui: Precinct plan 4 - Pukaki Marae - Matukutureia viewshaft (survey diagram)			1761122.9	5904294.58	17.26	16.98
448	I441.1. Precinct Description (Scenic amenity indicative constraints area)	"sensitive ridgelines above the 80m (RL) contour within the Whitford precinct that are visible from the main roads"	"sensitive ridgelines above the 79.7m(Reduced Level in terms of NZVD2016) contour within the Whitford precinct that are visible from the main roads"	1777586.663775	5909713.662931	80	79.73
449	I504.6.2. Height (2)	Buildings up to 10m in height above mean sea level across the rest of the precinct.	Buildings up to 9.7m in height above NZVD2016 across the rest of the precinct.	1757452.455575	5923572.311792	10?	9.67
450	Table I505.6.1.1 Building height table (1)	"Heights must be measured using 'mean ground level' being R.L 6.35 in terms of LINZ Datum"	"Heights must be measured using 'mean ground level' being R.L 6.1 in terms of New Zealand Vertical Datum 2016"	1753578.543848	5923581.391991	6.35	6.05
451	Figure I507.6.1.2 Building height control			1759566.072612	5922477.303002	21	20.68
452	Figure I512.6.2.1 Building height control			1759156.855791	5922582.267208	21	20.67
453	I513.6.2.5. Minimum floor levels and ground levels (1)	"RL"	"RL (Reduced Level in terms of NZVD2016)"	1742370.270716	5969762.568855	29.9	29.60
454	I513.6.2.5. Minimum floor levels and ground levels (2)	"RL"	"RL (Reduced Level in terms of NZVD2016)"	1742370.270716	5969762.568855	29.5	29.20

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
455	I513.6.2.5. Minimum floor levels and ground levels (3)	"RL"	"RL (Reduced Level in terms of NZVD2016)"	1742370.270716	5969762.568855	29.3	29.00
456	I513.6.2.12. Design of subdivision	"RL"	"RL (Reduced Level in terms of NZVD2016)"	1742370.270716	5969762.568855	29.3	29.00
457	I519.3. Policies (Sub-precincts D,E and F)(48)			1755355.17	5939387.33	40	39.71
458	I519.3. Policies (Sub-precincts D,E and F)(49)			1755355.17	5939387.33	40	39.71
459	I519.6.12. Earthworks in Sub-precincts C, E and G (North and East of Beach Road extension)(1)(b)			1755355.17	5939387.33	40	39.71
460	I519.6.12. Earthworks in Sub-precincts C, E and G (North and East of Beach Road extension)(1)(c)			1755355.17	5939387.33	40	39.71
461	I519.10.4 Long Bay Precinct: Precinct plan 4 - Additional controls			1756080.49	5939431.10		
462	I519.10.4 Long Bay Precinct: Precinct plan 4 - Additional controls			1756125.9	5940180.10		
463	I519.10.4 Long Bay Precinct: Precinct plan 4 - Additional controls			1755737.9	5940187.30		
464	I538.10.1						
465	I538.6.4. bullet point 4	RL98.4.	RL98.1 (RL in terms of NZVD2016).			98.4	98.1
466	I538.6.4.(1)	Buildings must not exceed the heights in the following table (expressed as an RL - Reduced Level above Mean Sea Level):	Buildings must not exceed RL48.2m in height (RL = Reduced Level in terms of NZVD2016):				
467	Table I538.6.4.1 Building height (row 1)					50.4	50.1
468	Table I538.6.4.1 Building height (row 2)					123.4	123.1
469	I538.6.4.(2)					98.4	98.1
470	I538.6.4.(2)					98.4	98.1
471	Figure I538.6.4.1					123.4	123.1
472	Figure I538.6.4.1					98.4	98.1
473	Figure I538.6.4.1					98.4	98.1
474	I538.6.5 bullet 5					98.4	98.1
475	I538.6.5(1)					50.4	50.1
476	I538.6.5(2)					98.4	98.1

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
477	I538.6.5(4)					50.4	50.1
478	I538.8.2(5)(f)					50.4	50.1
479	I538.6.4. Building height (1)	"Buildings must not exceed RL48.5m in height. (RL = Reduced Level above Mean Sea Level)"	"Buildings must not exceed RL48.2m in height. (RL = Reduced Level (in terms of NZVD2016) above Mean Sea Level)"	1756464.59	5927519.05	48.5	48.20
480	Table I539.4.1: Activity table (A11)	"One building in Area 1 illustrated on the precinct plan with a height greater than 48m RL and up to "	"One building in Area 1 illustrated on the precinct plan with a height greater than 47.7m RL (Reduced Level in terms of NZVD2016) and up to "	1756895.96	5927575.19	48	47.70
481	Table I539.4.1: Activity table (A11)	"62m RL"	"61.7m RL (Reduced Level in terms of NZVD2016)"	1756895.96	5927575.19	62	61.70
482	Table I539.6.2.1: Total building heights for Sub-precinct A (Areas not otherwise specified)	"RL 48m"	"RL 47.7m (Reduced Level in terms of NZVD2016)"	1756915.61	5927600.21	48	47.70
483	I603.10.6. Hobsonville Corridor: Precinct Plan 6 - Westpoint Drive and Brigham Creek Road			1746307.6	5926104.3		
484	I603.10.6. Hobsonville Corridor: Precinct Plan 6 - Westpoint Drive and Brigham Creek Road			1746414.3	5926086.4		
485	I604.6.1. Building height (1)(a)	Height area 1 – 8m (up to 13.7m Mean Sea Level);	Height area 1 – 8m (up to 13.7m above NZVD2016);	1746600.914	5924920.847	14	13.73
486	I604.6.1. Building height (1)(b)	Height area 2 – 12m (up to 17.7m Mean Sea Level);	Height area 2 – 12m (up to 17.7m above NZVD2016);	1746732.379	5924997.887	18	17.73
487	I604.6.1. Building height (1)(c)	Height area 3 – 15m (up to 17.7m Mean Sea Level);	Height area 3 – 15m (up to 17.7m above NZVD2016);	1746760.69	5924899.456	18	17.73
488	I604.6.1. Building height (1)(d)	Height area 4 – 15m (up to 20.7m Mean Sea Level); and	Height area 4 – 15m (up to 20.7m above NZVD2016); and	1746689.273	5924878.326	21	20.73
489	I604.6.1. Building height (1)(e)	Height area 5 – 9m (up to 12.7m Mean Sea Level).	Height area 5 – 9m (up to 12.7m above NZVD2016).	1746672.076	5924774.753	13	12.73
490	I604.10.1 Hobsonville Marina: Precinct plan 1 - Height			1746600.914	5924920.847	14	13.73
491	I604.10.1 Hobsonville Marina: Precinct plan 1 - Height			1746732.379	5924997.887	18	17.73

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
492	I604.10.1 Hobsonville Marina: Precinct plan 1 - Height			1746760.69	5924899.456	18	17.73
493	I604.10.1 Hobsonville Marina: Precinct plan 1 - Height			1746689.273	5924878.326	21	20.73
494	I604.10.1 Hobsonville Marina: Precinct plan 1 - Height			1746672.076	5924774.753	13	12.73
495	I450.7.3 Viewshaft Control	"R.L."	"RL (Reduced Level in terms of NZVD2016)"	1752159.5	5888490.88	19.0	18.72
496	I450.7.3 Viewshaft Control	"R.L."	"RL (Reduced Level in terms of NZVD2016)"	1752162.61	5888876.77	12.5	12.22
497	I450.7.7 On-site stormwater management - new impervious areas discharging to the CMA via natural stream (1)	"RL2m"	"RL1.7m (Reduced Level in terms of NZVD2016)"	1752427.259637	5888538.836702	2	1.72
498	I450.11 Precinct plan - Clarks Beach	"View shaft north elevation R.L 12.5m"		1752162.61	5888876.77	12.5	12.22
499	I450.11 Precinct plan - Clarks Beach	"View point elevation R.L 19.0m (1m above finished ground)"		1752159.5	5888490.88	19.0	18.72
500	I453.5.14 On-site stormwater management new impervious areas	Development of new impervious areas greater than 50m2 that discharge to a stream environment upstream of RL1.7m is a permitted activity provided that:	Development of new impervious areas greater than 50m2 that discharge to a stream environment upstream of RL1.7m (RL in terms of NZVD2016) is a permitted activity provided that:	1752427.259637	5888538.836702	2	1.72
501	Mangere Gateway Sub-precinct E 4.10 Single storey height control	No dwelling within the "Building Height Restriction" overlay on the Mangere Gateway sub-precinct E precinct plan must exceed a height of RL15.2m.	No dwelling within the "Building Height Restriction" overlay on the Mangere Gateway sub-precinct E precinct plan must exceed a height of RL15.2m (RL in terms of NZVD2016).	1756712.34	5905439.17	15.5	15.22
	Chapter L Schedules			x	y	z	
502	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1751544.58	5915242.59	49.90	49.62

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
503	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753388.67	5915498.16	99.1	98.81
504	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753151.85	5916182.07	99.1	98.81
505	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753207.45	5914594.31	60.39	60.11
506	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1752988.43	5915806.6	97.57	97.28
507	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753484.24	5915794.74	97.57	97.28
508	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1752735.7	5912872.45	56.57	56.29
509	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753016.35	5915845.47	98.5	98.21
510	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753461.52	5915769.15	98.5	98.21
511	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1752963.86	5914071.42	73.71	73.43
512	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1755288.85	5914187.72	66.75	66.47
513	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753137.29	5915619.98	98.9	98.61
514	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753460.44	5916014.61	98.9	98.61
515	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1754889.32	5914538.89	65.92	65.63
516	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753168.09	5915656.03	95.4	95.11
517	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753444.07	5915996.69	95.4	95.11
518	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753460.62	5915762.96	92.95	92.66
519	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1754149.27	5915348.58	65.40	65.11
520	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753168.16	5915584.45	98.68	98.39
521	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753414	5916039.66	98.68	98.39

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
522	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1754461.09	5916890.84	40.18	39.89
523	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753385.46	5915677.24	98.3	98.01
524	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753067.37	5916061.78	98.3	98.01
525	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1747504.09	5919570.96	16.2	15.92
526	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753531.23	5916185.17	78.09	77.80
527	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753102.12	5915514.87	78.09	77.80
528	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1751744.74	5916857.62	61.27	60.98
529	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762670.08	5920828.78	5.13	4.84
530	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1763398.76	5920443.05	3.60	3.31
531	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769225.33	5921634.65	-	
532	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1768982.41	5922771.75	-	
533	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1763683.23	5920518.01	-	
534	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764689.65	5920090.14	-	
535	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769295.58	5921705	-	
536	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1768829.17	5922911.08	GRADE -1:100	
537	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764789.74	5920116.36	4.40	4.12
538	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1768827.43	5922816.83	-44.18	-44.47
539	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769094.16	5922367.47	-44.18	-44.47
540	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769420.88	5920062.77	40.80	40.51

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
541	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1763120.24	5925950.07	-269.13	-269.43
542	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769655.22	5928682.8	-269.13	-269.42
543	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1771038.87	5916089.5	56.39	56.09
544	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1770992.63	5916111.47	51.65	51.35
545	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1763357.36	5926017.05	-107.40	-107.70
546	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769020.51	5928470.66	-116.30	-116.59
547	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756952.36	5916546.68	94.94	94.65
548	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757037.17	5917297.71	133.32	133.03
549	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757446.21	5917118.82	133.32	133.03
550	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756876.39	5916102.26	89.35	89.07
551	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757044.87	5917265.25	128.9	128.61
552	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757378.15	5917164.89	128.9	128.61
553	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756569.67	5914963.27	76.73	76.45
554	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756979.97	5917284.03	117.54	117.25
555	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757498.19	5917129.4	117.54	117.25
556	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753687.94	5915954.55	59.95	59.66
557	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757033.4	5917757.1	109.95	109.65
558	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757345.59	5916985.48	109.95	109.66
559	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756849.31	5917657.89	107.2	106.90

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
560	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760378.24	5922279.41	3.6	3.29
561	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760407.13	5922293.94	4.36	4.05
562	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760533.63	5922269.8	4.52	4.21
563	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760598.48	5922280.59	4.56	4.25
564	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757446.3	5917072.43	148.85	148.56
565	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757311.15	5917160.42	148.85	148.56
566	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756978.68	5917376.87	148.85	148.55
567	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756933.29	5917406.43	148.85	148.55
568	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758340.88	5919137.12	66.89	66.58
569	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757019.28	5917344.03	140.25	139.95
570	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757385.7	5917124.79	140.25	139.96
571	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757519.71	5917235.49	135	134.71
572	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757024	5917170.19	135	134.71
573	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756118.64	5924043.25	4.60	4.28
574	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756138.25	5924122.22	4.41	4.09
575	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756200.91	5924264.28	4.17	3.85
576	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756535.8	5924704.78	4.00	3.68
577	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760575.1	5919898.12	3.96	3.66
578	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1761015.65	5919985.97	4.43	4.13

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
579	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757445.63	5916959.41	135	134.71
580	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756943.05	5917607.87	135	134.70
581	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760661.08	5919899.53	4.05	3.75
582	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760726.48	5919904.35	4.12	3.82
583	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760794.49	5919918.23	4.19	3.89
584	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760965.89	5919967.84	4.38	4.08
585	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1761300.9	5919634.51	5.55	5.25
586	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1761227.83	5919708.96	4.04	3.74
587	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756989.34	5917654.33	127.33	127.03
588	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757385.03	5916976.17	126.78	126.49
589	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762297.29	5918908	49.26	48.97
590	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762146.07	5918888.06	40.33	40.04
591	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757100.78	5917714.96	115.8	115.50
592	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757308.83	5917033.26	113.5	113.21
593	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758390.39	5917649.59	82.04	81.74
594	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758481.71	5917601.53	81.09	80.79
595	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758564.52	5917544.2	80.14	79.85
596	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758639.31	5917474.5	79.17	78.88
597	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758674.14	5917428.69	78.62	78.33

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
598	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757168.06	5917564.95	110.75	110.45
599	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757344.88	5916852.62	110.75	110.46
600	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1755539.74	5922239.34	28.10	27.78
601	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1755858.23	5922814.8	40.75	40.43
602	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757515.85	5917282.33	135	134.71
603	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757144	5917164.77	135	134.71
604	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757008.75	5918547.05	88.53	88.22
605	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757060.57	5917150.14	103.1	102.81
606	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757636.28	5917297.96	103.1	102.81
607	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757189.75	5918118.47	93.38	93.08
608	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757045.03	5918402.29	90.06	89.76
609	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757529.24	5918651.04	87.20	86.89
610	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757564.5	5918527.82	84.95	84.64
611	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757577.18	5917112.37	116.36	116.07
612	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756823.41	5917321.82	112	111.71
613	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757499.76	5918574.41	88.55	88.24
614	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756238.68	5919269.1	72.30	71.99
615	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757045.04	5917082.14	122.73	122.44
616	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757673.11	5917431.85	122.73	122.43

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
617	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758248.17	5917746.32	82.62	82.32
618	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759177.48	5916930.49	96.62	96.33
619	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759367.03	5917219.68	96.62	96.33
620	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760163.4	5920061.91	4.50	4.19
621	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760059.19	5920167.85	4.37	4.06
622	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759004.77	5917210.87	104.15	103.86
623	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759476.29	5917076.08	104.7	104.41
624	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760436.53	5919920.23	3.8	3.50
625	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760552.98	5919899.32	3.94	3.64
626	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760755.74	5919908.82	3.27	2.97
627	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760998.33	5919979.69	3.5	3.20
628	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759031.76	5917247.4	100.3	100.01
629	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759140.16	5917192.75	100.3	100.01
630	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759309.14	5917107.57	100.3	100.01
631	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759485.75	5917018.54	100.3	100.01
632	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762297.29	5918908	49.26	48.97
633	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762146.07	5918888.06	40.33	40.04
634	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759147.56	5917399.76	94.83	94.54
635	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759388.17	5916986.29	94.14	93.85

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
636	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762906.62	5918950.37	59.17	58.89
637	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762730.17	5918930.17	59.15	58.87
638	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759166.77	5917409.64	93.31	93.02
639	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759375.66	5916987.32	93.21	92.92
640	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760378.24	5922279.41	3.6	3.29
641	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760407.13	5922293.94	4.36	4.05
642	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760533.63	5922269.8	4.52	4.21
643	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760598.48	5922280.59	4.56	4.25
644	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759477.53	5917084.32	95.3	95.01
645	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759340.19	5917116.78	95.3	95.01
646	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759048.71	5917185.68	95.3	95.01
647	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758992.62	5917198.95	95.3	95.01
648	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1761227.81	5919708.97	4.04	3.74
649	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1761297.54	5919638.02	5.27	4.97
650	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759056.44	5917321.23	95.9	95.61
651	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759428.94	5917026.71	95.59	95.30
652	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756822.15	5915885.21	79.03	78.75
653	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756443.59	5914413.2	95.31	95.03
654	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756246.77	5914478.41	95.31	95.03

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
655	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756504.3	5914908.57	90.03	89.75
656	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756686.25	5915374.3	68.47	68.19
657	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756401.79	5914422.63	111.3	111.02
658	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756253.46	5914480.26	111.3	111.02
659	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1756504.3	5914908.57	90.03	89.75
660	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760422.69	5907478.28	14.53	14.25
661	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760326.8	5907584.41	16.42	16.14
662	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760245.86	5907704.17	16.85	16.57
663	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760197.74	5907793.65	16.04	15.76
664	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759003.4	5909632.22	41.5	41.22
665	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758701.45	5909343.82	41.5	41.22
666	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758435.42	5909089.73	41.5	41.22
667	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758401.57	5909057.4	41.5	41.22
668	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759382.14	5910570.33	12.07	11.79
669	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759325.92	5910797.37	17.66	17.38
670	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759301.35	5910896.01	19.24	18.96
671	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759272.66	5910990.04	19.47	19.19
672	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759234.7	5911080.22	18.54	18.26
673	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759188.43	5911163.9	16.49	16.21

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
674	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759134.72	5911240.7	13.42	13.14
675	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758465.19	5909287.99	57.2	56.92
676	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758547.08	5909256.08	57.2	56.92
677	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758624.3	5909225.97	57.2	56.92
678	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758695.86	5909198.09	57.2	56.92
679	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758759.81	5909173.16	57.2	56.92
680	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758821.52	5909149.11	57.2	56.92
681	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758963.14	5909093.92	57.2	56.92
682	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757814.02	5912162.62	4.69	4.41
683	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758393.26	5911768.4	4.72	4.44
684	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758478.19	5909211.23	52.04	51.76
685	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759087.27	5909330.77	53.9	53.62
686	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762892.26	5918939.01	59.39	59.11
687	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762659.7	5918922.16	58.65	58.37
688	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758604.31	5914954.01	114.08	113.81
689	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759380.6	5914258.52	111.84	111.57
690	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1761042.93	5916580.39	57.90	57.62
691	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758552.67	5915127.49	110.03	109.75
692	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759075.29	5914473.08	110.03	109.76

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
693	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762695.35	5912992.44	23.4	23.13
694	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758761.6	5914462.01	116.77	116.50
695	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758942.17	5914875.95	116.77	116.50
696	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759673.23	5914494.56	98.44	98.17
697	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1763525.31	5912726.47	23.37	23.10
698	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758708.87	5914331.01	119.27	119.00
699	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759026.46	5915078.71	119.27	118.99
700	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757360.36	5915764.85	82.31	82.03
701	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758763.78	5914557.13	145.02	144.75
702	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759008.36	5914920.89	145.02	144.75
703	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757599.54	5915678.26	80.19	79.91
704	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758754.91	5914566.01	135	134.73
705	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758973.64	5914851.29	135	134.73
706	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758932.59	5913194.7	46.14	45.86
707	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758735.85	5914717.84	136.25	135.98
708	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759010.45	5914728.51	136.25	135.98
709	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758953.64	5912954.07	40.70	40.42
710	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758755.78	5914718.41	123	122.73
711	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759007.84	5914728.64	123	122.73

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
712	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758979.23	5912665.28	34.75	34.47
713	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758762.18	5914716.35	127.25	126.98
714	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758945.3	5914727.53	127.25	126.98
715	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764053.97	5916983.49	66.16	65.89
716	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764015.63	5916907.2	61.20	60.93
717	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759072.56	5914240.81	97.63	97.36
718	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758754.89	5915390.12	95.81	95.53
719	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759445.07	5910247.71	4.56	4.28
720	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759311.17	5910797.5	17.4	17.12
721	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759277.18	5910927.91	18.8	18.52
722	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759252.6	5911001.52	18.66	18.38
723	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759212.85	5911091.19	17.51	17.23
724	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759174.38	5911158.62	15.64	15.36
725	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758407.67	5914673.92	108.65	108.38
726	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758601.18	5914695.8	108.65	108.38
727	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758786.9	5914716.78	108.65	108.38
728	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758888.92	5914728.32	108.65	108.38
729	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759009.7	5914741.97	108.65	108.38
730	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759459.83	5914792.84	108.65	108.38

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
731	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1754514.44	5911435.22	109.80	109.52
732	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758673.86	5915010.92	121.07	120.80
733	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759294.46	5914125.53	69.45	69.18
734	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1753907.56	5914181.76	49.66	49.37
735	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1754848.59	5913575.76	80.91	80.62
736	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1754631.61	5913328.23	80.91	80.62
737	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1754577.47	5913519.04	75.97	75.68
738	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1755184.76	5914292.86	62.15	61.87
739	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1754909.21	5913394.93	67.78	67.50
740	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1754589.2	5913566.56	67.78	67.49
741	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758482.97	5919165.76	80.07	79.76
742	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764177.93	5928521.89	-154.22	-154.52
743	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1767199.87	5925798.03	-154.22	-154.51
744	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762013.54	5920727.93	6.03	5.73
745	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1765425.45	5920065	4.50	4.22
746	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1770577.5	5925367.16	-	
747	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769367.33	5925797.07	-	
748	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764340.13	5927582.9	-	
749	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1763172.42	5927997.72	-	

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
750	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1755845.09	5922822.09	40.75	40.43
751	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1766345.87	5925756.88	58.8	58.51
752	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1765265.91	5928310.89	58.8	58.51
753	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1755000.29	5932975.65	96.05	95.77
754	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1765210.97	5925929.74	-24.00	-24.29
755	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1766695.31	5928836.68	-24.00	-24.29
756	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1765835.53	5919339.58	48.85	48.57
757	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1765165.67	5927085.7	-40.40	-40.69
758	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1766961.16	5927032.72	-40.40	-40.69
759	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1770121.81	5917002.66	34.43	34.14
760	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764688.64	5926563.39	-46.40	-46.70
761	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1766453.96	5927369.65	-1.28	-1.57
762	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769284.82	5918798.9	3.82	3.53
763	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769286.14	5918830.89	3.93	3.64
764	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769318.25	5918874.31	3.74	3.45
765	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769359.06	5918933.87	3.67	3.38
766	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769361.13	5918943.58	3.89	3.60
767	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769808.16	5928387.22	-	
768	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1763175.75	5926207.46	-	

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
769	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759293.71	5925999.69	34.76	34.45
770	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760286.64	5922807.06	52.54	52.23
771	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760599.71	5922921.84	52.54	52.23
772	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759684.62	5924913.73	30.23	29.92
773	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760292.01	5922808.35	50.93	50.62
774	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760602.91	5922924.18	50.93	50.62
775	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759927.95	5924222.65	28.17	27.86
776	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760297.23	5922809.26	38.67	38.36
777	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1760595.53	5922923.26	38.67	38.36
778	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762417.98	5914863.06	39.93	39.66
779	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764571.58	5915270.55	53.24	52.97
780	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764477.29	5915613.55	53.24	52.97
781	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762715.73	5914947.67	37.25	36.98
782	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764573.47	5915270.6	84.93	84.66
783	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764458.32	5915668	84.93	84.66
784	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1763527.13	5915043.6	38.27	38.00
785	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764423.56	5915660.63	75.27	75.00
786	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764591.44	5915270.61	75.27	75.00
787	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1763658.72	5915088.73	43	42.73

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
788	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1763866.63	5913800.95	25.84	25.57
789	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764249.79	5915514.94	54.87	54.60
790	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764788.68	5915295.74	54.87	54.60
791	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764382.05	5914820.9	20.75	20.49
792	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764353.95	5915456.56	73.9	73.63
793	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764773.1	5915322.85	73.9	73.63
794	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764468.66	5913592.85	18.97	18.70
795	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764283.01	5915407.83	53.08	52.81
796	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764789.44	5915388.89	53.08	52.81
797	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764563.1	5915253.26	50.06	49.79
798	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764989.57	5914707.82	23.70	23.44
799	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764363.63	5915301.32	70.56	70.29
800	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764808.9	5915551.27	70.56	70.29
801	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1765442.3	5914483.99	27.75	27.49
802	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764388.68	5915258.21	86.67	86.40
803	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764724.96	5915577.13	86.67	86.40
804	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1765300.35	5914633.5	37.04	36.78
805	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769877.34	5917245.75	4.08	3.79
806	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769879.69	5917366.48	3.41	3.12

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
807	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769840.43	5917558.49	3.95	3.66
808	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769732.84	5917729.64	3.77	3.48
809	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769673.97	5917729.96	3.41	3.12
810	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769657.85	5917782.51	3.63	3.34
811	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769678.98	5917843.57	4.3	4.01
812	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769659.29	5917989.82	3.63	3.34
813	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769576.79	5918211.19	3.24	2.95
814	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769503.28	5918356.75	2.93	2.64
815	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1769385.95	5918567.23	2.99	2.70
816	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764334.57	5915761.85	51.5	51.23
817	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764385.29	5915658.99	51.5	51.23
818	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764419.64	5915589.31	51.5	51.23
819	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764469.18	5915488.86	51.5	51.23
820	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764498.66	5915429.07	51.5	51.23
821	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764525.2	5915375.23	51.5	51.23
822	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764567.57	5915289.29	51.5	51.23
823	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764607.53	5915208.28	51.5	51.23
824	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764630.12	5915162.43	51.5	51.23
825	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1766784.8	5918032.86	41.84	41.57

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
826	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764743.4	5915218.31	65.41	65.14
827	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764279.83	5915621.62	65.41	65.14
828	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764996.31	5916563.28	47.93	47.66
829	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1763953.12	5916826.25	53.43	53.16
830	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764033.7	5916977.13	65.06	64.79
831	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764850.19	5915522.55	55.35	55.08
832	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764326.87	5915315.36	55.35	55.08
833	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762600.94	5918931.94	57.10	56.82
834	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1762831.98	5918943.34	59.05	58.77
835	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764783.63	5915540.08	102.3	102.03
836	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764333.6	5915301.52	76.6	76.33
837	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1765714.25	5913179.5	16.33	16.06
838	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1765438.61	5913299.7	20.91	20.64
839	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764372.91	5915307.9	45.44	45.17
840	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764847.5	5915570.33	47.17	46.90
841	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1765384.54	5915447.41	27.31	27.04
842	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764563.82	5915848.76	57.03	56.76
843	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764521.27	5915148.35	57.03	56.76
844	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1770651.41	5914623.12	44.05	43.75

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
845	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758860.25	5914201.33	102.5	102.23
846	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1758904.93	5915732	102.5	102.22
847	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764508.18	5915203.05	74.62	74.35
848	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764508.18	5915203.05	48.32	48.05
849	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764584.89	5915732.83	81.24	80.97
850	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764584.89	5915732.83	48.32	48.05
851	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1764595.97	5915809.38	48.32	48.05
852	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757234.14	5917077.42	126.3	126.01
853	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1757303.46	5917430.12	126.3	126.00
854	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759281.69	5917014.12	114.1	113.81
855	Schedule 9 Volcanic Viewshafts Schedule - entire schedule			1759352.09	5917327.35	114.1	113.81
856	Map 11.5 St Johns Redoubt, Redoubt Road	"Coordinates are in terms of NZ Geodetic Datum 2000 Level Datum is in terms of Auckland 1946"	"Coordinates are in terms of NZ Geodetic Datum 2000. Level Datum is in terms of NZVD 2016"				
857	Map 11.5 St Johns Redoubt, Redoubt Road			1768266.98	5904274.04	70.67	70.39
858	Map 11.5 St Johns Redoubt, Redoubt Road			1768273.89	5904274.39	71.067	70.79
859	Map 11.6 Queens Road, Panmure Basin	"Coordinates are in terms of NZ Geodetic Datum 2000 Level Datum is in terms of Auckland 1946 (Mean Sea Level)"	"Coordinates are in terms of NZ Geodetic Datum 2000. Level Datum is in terms of NZVD 2016"				
860	Map 11.6 Queens Road, Panmure Basin			1765296.25	5914629.84	25	24.74
861	Map 11.6 Queens Road, Panmure Basin			1764978.22	5914274.58	0	-0.27
862	Map 11.6 Queens Road, Panmure Basin			1764954.33	5914297.48	0	-0.27

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
863	Map 11.6 Queens Road, Panmure Basin			1765120.84	5914449.54	12.00	11.74
864	Map 11.7 Pilkington Road, Panmure Basin [rcp/dp]			408065.33	798052.494	38.1	37.84
865	Map 11.7 Pilkington Road, Panmure Basin [rcp/dp]			407791.268	796958.706	0	-0.27
866	Map 11.7 Pilkington Road, Panmure Basin [rcp/dp]			407735.188	796974.456	0	-0.27
867	Map 11.7 Pilkington Road, Panmure Basin [rcp/dp]			407996.07	797776.047	28.47	28.21
	Chapter M Appendices			x	y	z	
868	Appendix 3 Aquifer water availabilities and levels			1755810.687	5979384.0012	3.25	2.95
869	Appendix 3 Aquifer water availabilities and levels			1752764.403	5954234.1599	0.5	0.20
870	Appendix 3 Aquifer water availabilities and levels			1728188.949	5942203.3617	2.5	2.23
871	Appendix 3 Table 2 Interim aquifer groundwater levels	Interim level (metres above mean sea level)	Interim level (metres above NZVD2016)				
872	Appendix 6 Coastal protection yard			1759608.294	5923211.531		
873	Appendix 6 Coastal protection yard			1759599.638	5923217.271		
874	Appendix 6 Coastal protection yard			1759587.292	5923226.271		
875	Appendix 6 Coastal protection yard			1759574.42	5923230.609		
876	Appendix 6 Coastal protection yard			1759569.18	5923234.467		
877	Appendix 6 Coastal protection yard			1759553.377	5923239.329		
878	Appendix 6 Coastal protection yard			1759543.733	5923251.129		
879	Appendix 6 Coastal protection yard			1759542.215	5923253.398		
880	Appendix 6 Coastal protection yard			1759537.903	5923257.118		
881	Appendix 6 Coastal protection yard			1759532.79	5923260.263		
882	Appendix 6 Coastal protection yard			1759524.827	5923261.78		
883	Appendix 6 Coastal protection yard			1759511.166	5923269.984		
884	Appendix 6 Coastal protection yard			1759503.024	5923276.475		
885	Appendix 6 Coastal protection yard			1759498.384	5923278.691		
886	Appendix 6 Coastal protection yard			1759487.223	5923283.058		
887	Appendix 6 Coastal protection yard			1759477.402	5923290.671		
888	Appendix 6 Coastal protection yard			1759473.596	5923293.091		
889	Appendix 6 Coastal protection yard			1759469.925	5923295.78		
890	Appendix 6 Coastal protection yard			1759464.095	5923300.178		

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
891	Appendix 6 Coastal protection yard			1759452.514	5923311.604		
892	Appendix 6 Coastal protection yard			1759447.803	5923318.102		
893	Appendix 6 Coastal protection yard			1759444.733	5923320.289		
894	Appendix 6 Coastal protection yard			1759438.067	5923324.383		
895	Appendix 6 Coastal protection yard			1759431.49	5923327.305		
896	Appendix 6 Coastal protection yard			1759424.401	5923329.626		
897	Appendix 6 Coastal protection yard			1759421.79	5923330.114		
898	Appendix 6 Coastal protection yard			1759395.059	5923349.841		
899	Appendix 6 Coastal protection yard			1759385.843	5923337.659		
900	Appendix 6 Coastal protection yard			1759393.112	5923332.124		
901	Appendix 6 Coastal protection yard			1759398.431	5923328.245		
902	Appendix 6 Coastal protection yard			1759400.613	5923320.724		
903	Appendix 6 Coastal protection yard			1759405.479	5923313.953		
904	Appendix 6 Coastal protection yard			1759410.651	5923306.976		
905	Appendix 6 Coastal protection yard			1759415.353	5923297.317		
906	Appendix 6 Coastal protection yard			1759417.867	5923283.428		
907	Appendix 6 Coastal protection yard			1759421.075	5923279.989		
908	Appendix 6 Coastal protection yard			1759423.122	5923277.68		
909	Appendix 6 Coastal protection yard			1759445.404	5923226.65		
910	Appendix 6 Coastal protection yard			1759436.857	5923219.307		
911	Appendix 6 Coastal protection yard			1759429.583	5923215.87		
912	Appendix 6 Coastal protection yard			1759417.288	5923209.786		
913	Appendix 6 Coastal protection yard			1759404.012	5923204.7		
914	Appendix 11 Notes 1: (3)	Coordinates in terms of the Local Meridional Circuit on Mt Eden, 700 000mN 300 000mE.	Coordinates in terms of New Zealand Transverse Mercator 2000.	300000	700000		
915	Appendix 11 Notes 1: (2)	Origin of coordinates in terms of Geodetic Datum 1949.	Origin of coordinates in terms of Geodetic Datum 2000.				
916	Appendix 11 Notes 1: (5)	Levels in terms of Lands and Survey Department Auckland Datum 1946 (Mean Sea Level).	Levels in terms of New Zealand Vertical Datum 2016.				
917	Appendix 11 Notes 2: (3)	Coordinates in terms of the Local Meridional Circuit on Mt Eden, 700 000mN 300 000mE.	Coordinates in terms of New Zealand Transverse Mercator 2000.	300000	700000		

Number	Chapter affected	Existing text	New text	x	y	z	New Z Height
918	Appendix 11 Notes 2: (2)	Origin of coordinates in terms of Geodetic Datum 1949.	Origin of coordinates in terms of Geodetic Datum 2000.				
919	Appendix 11 Notes 2: (5)	Levels in terms of Lands and Survey Department Auckland Datum 1946 (Mean Sea Level).	Levels in terms of New Zealand Vertical Datum 2016.				
920	Appendix 11 Notes 2: (7)			1757532.11	5920537.93	13.0	12.67
921	Appendix 11 Figure 5: Admission of sunlight to Aotea and Aotea height control plane			1757158.343	5920030.266	21.00	20.68
922	Appendix 12 Airport Approach Surface Steps for assessing a specific proposal (3) (a)	For the fan which passes over Wilks Road, the threshold ground level is 65m above mean sea level (MSL).	For the fan which passes over Wilks Road, the threshold ground level is 64.7m above New Zealand Vertical Datum 2016 (NZVD2016).	1748020.3877	5941974.1994	65	64.71
923	Appendix 12 Airport Approach Surface Steps for assessing a specific proposal (3) (a)	If the ground level on a proposed site is higher than 65m above MSL	If the ground level on a proposed site is higher than 64.7m above NZVD2016	1748020.3877	5941974.1994	65	64.71
	Appendix 12 Airport Approach Surface Steps for assessing a specific proposal (3) (a)	The applicant will need to confirm the ground level in terms of MSL to accurately determine compliance.	The applicant will need to confirm the ground level in terms of NZVD2016 to accurately determine compliance.				
924	Appendix 12 Airport Approach Surface Steps for assessing a specific proposal (3)(c)	This surface is located at 107m above MSL.	This surface is located at 106.7m above NZVD2016.	1748020.3877	5941974.1994	107	106.71
925	Appendix 12 Airport Approach Surface Steps for assessing a specific proposal (3)(c)	Determine the ground level of the site and assess the difference between it and 107m to determine the maximum permitted height.	Determine the ground level of the site and assess the difference between it and 106.7m to determine the maximum permitted height.	1748020.3877	5941974.1994	107	106.71