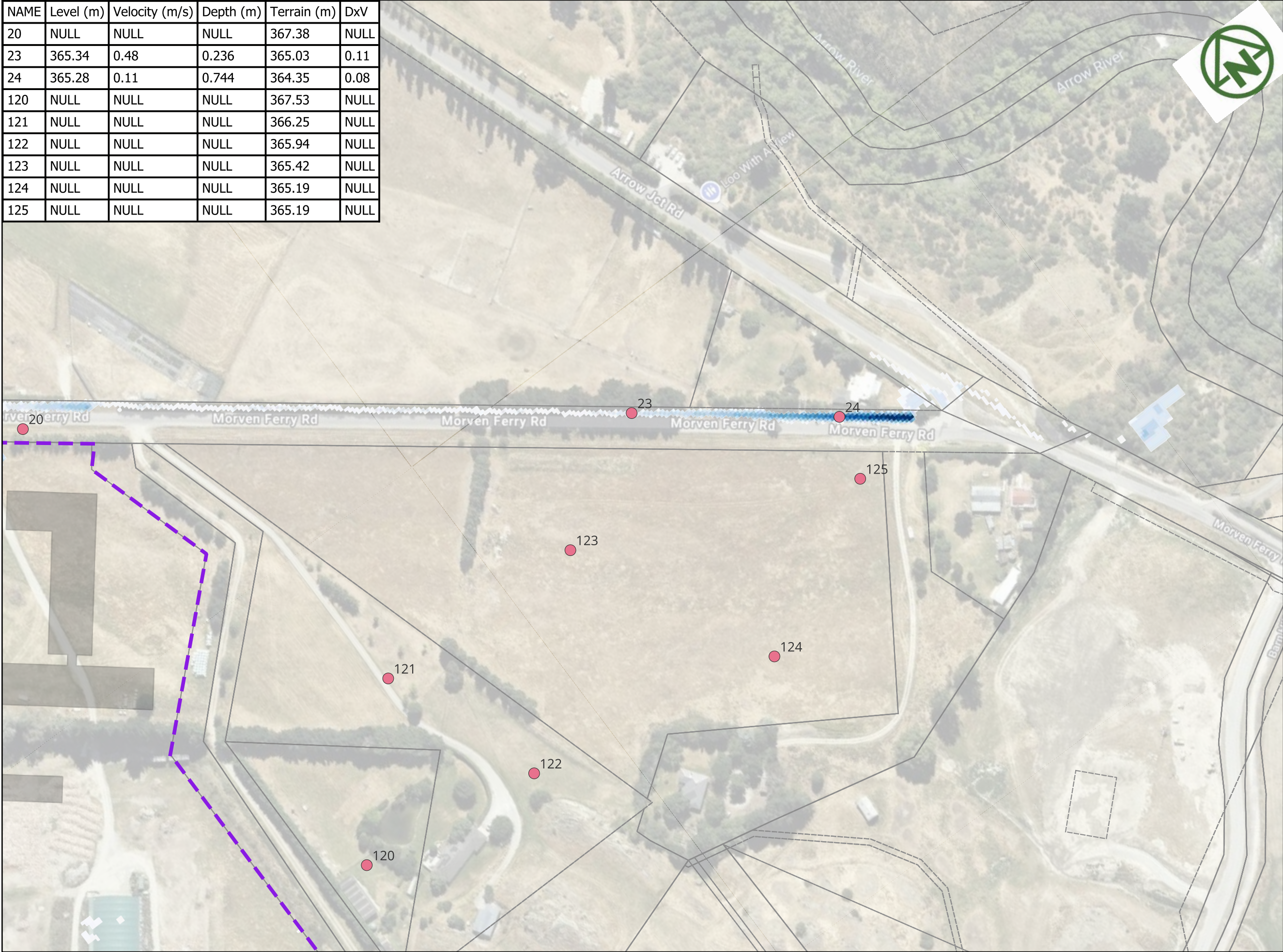


NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DxV
20	NULL	NULL	NULL	367.38	NULL
23	365.34	0.48	0.236	365.03	0.11
24	365.28	0.11	0.744	364.35	0.08
120	NULL	NULL	NULL	367.53	NULL
121	NULL	NULL	NULL	366.25	NULL
122	NULL	NULL	NULL	365.94	NULL
123	NULL	NULL	NULL	365.42	NULL
124	NULL	NULL	NULL	365.19	NULL
125	NULL	NULL	NULL	365.19	NULL



LEGEND

- Site Extent
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4652 REV: A

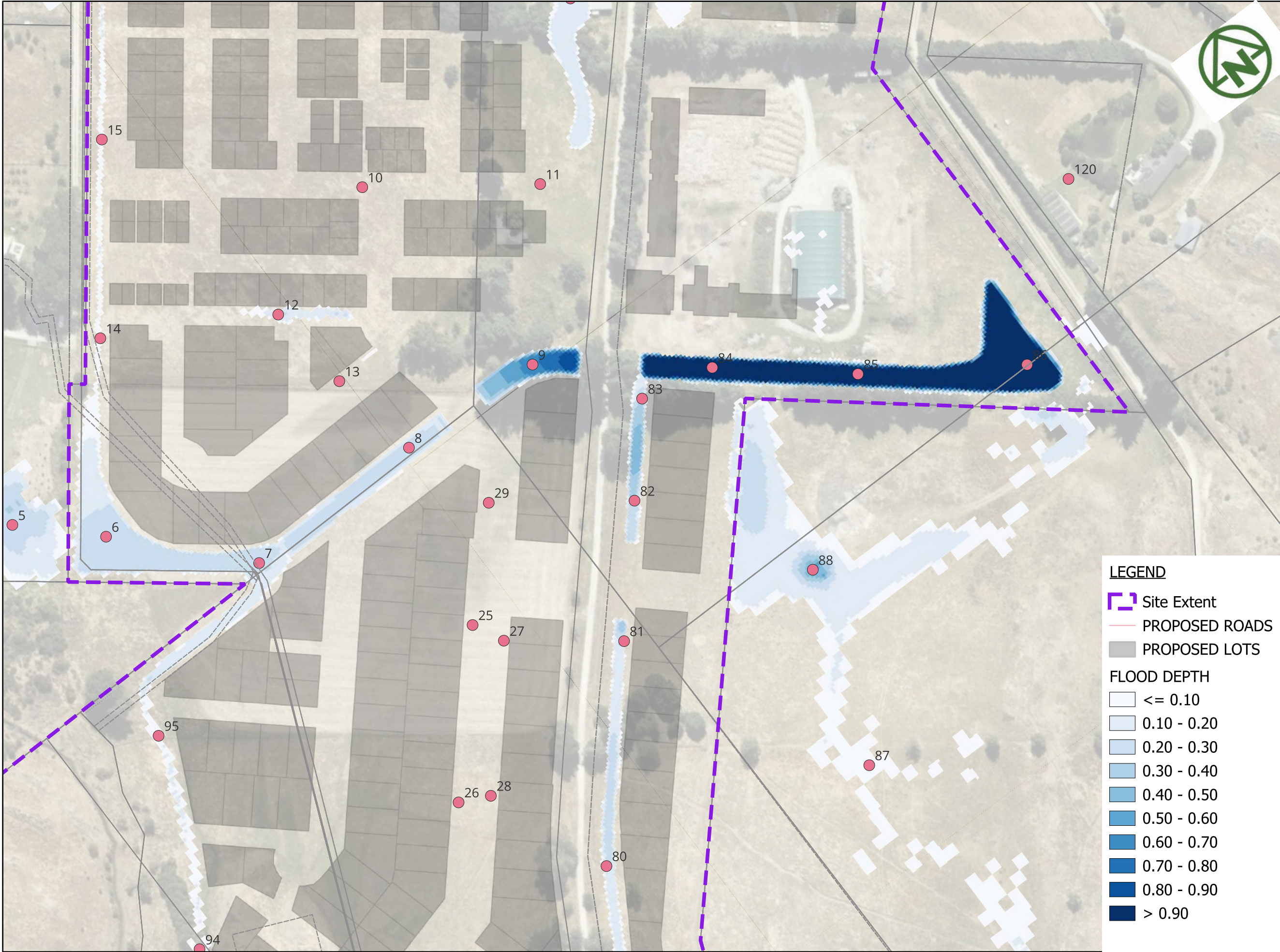
A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ	THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE.		



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RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 2 YEAR/ 50 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 2



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
5	368.15	0.13	0.292	367.86	0.04
6	367.37	0.15	0.228	367.14	0.03
7	367.2	0.32	0.275	366.92	0.09
8	366.06	0.61	0.211	365.85	0.13
9	365.74	0.36	0.651	365.08	0.24
10	NULL	NULL	NULL	369.15	NULL
11	NULL	NULL	NULL	368.79	NULL
12	369.2	0.09	0.173	368.96	0.02
13	NULL	NULL	NULL	369.27	NULL
14	367.55	0.21	0.084	367.43	0.02
15	NULL	NULL	NULL	367.73	NULL
25	NULL	NULL	NULL	369.43	NULL
26	NULL	NULL	NULL	370.27	NULL
27	NULL	NULL	NULL	369.58	NULL
28	NULL	NULL	NULL	370.16	NULL
29	NULL	NULL	NULL	369.12	NULL
80	369.2	0.63	0.148	369	0.09
81	367.74	0.74	0.22	367.5	0.16
82	367.12	0.49	0.302	366.81	0.15
83	367.01	0.52	0.292	366.71	0.15
84	365.73	0.17	1.228	364.5	0.21
85	365.72	0.21	1.221	364.5	0.25
86	365.72	0.05	1.216	364.5	0.06
87	368.86	0.27	0.067	368.79	0.02
88	368.07	0.08	0.45	367.42	0.04
94	375.09	0.47	0.105	375.02	0.05
95	368.88	0.93	0.09	368.75	0.08
120	NULL	NULL	NULL	367.53	NULL
122	NULL	NULL	NULL	365.94	NULL

LEGEND

- Site Extent
- PROPOSED ROADS
- PROPOSED LOTS
- FLOOD DEPTH
- <= 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO:
4048-0-4653

REV:
A

REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
A	FIRST ISSUE	PK	SL	JK	09/02/2026



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
26	NULL	NULL	NULL	370.27	NULL
28	NULL	NULL	NULL	370.16	NULL
31	NULL	NULL	NULL	393.86	NULL
32	NULL	NULL	NULL	394.36	NULL
33	399.39	0.02	0.071	399.3	0
34	399.57	0.8	0.069	399.4	0.06
35	NULL	NULL	NULL	417.95	NULL
36	NULL	NULL	NULL	418.1	NULL
37	NULL	NULL	NULL	413.94	NULL
39	NULL	NULL	NULL	414.23	NULL
79	374.91	0.79	0.14	374.78	0.11
80	369.2	0.63	0.148	369	0.09
89	409.85	0.26	0.653	409.2	0.17
90	409.85	0.24	0.653	409.2	0.15
91	409.57	0.37	0.07	409.45	0.03
92	NULL	NULL	NULL	403.82	NULL
92	NULL	NULL	NULL	396.4	NULL
93	NULL	NULL	NULL	385.66	NULL
94	375.09	0.47	0.105	375.02	0.05
108	378.52	0.12	0.515	378	0.06
30	391.53	0.02	0.676	390.81	0.01

LEGEND

Site Extent

PROPOSED LOTS

PROPOSED ROADS

FLOOD DEPTH

<= 0.10

0.10 - 0.20

0.20 - 0.30

0.30 - 0.40

0.40 - 0.50

0.50 - 0.60

0.60 - 0.70

0.70 - 0.80

0.80 - 0.90

> 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4654
REV: A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE ----					



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122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 2 YEAR/ 50 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 4



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
31	NULL	NULL	NULL	393.86	NULL
32	NULL	NULL	NULL	394.36	NULL
33	399.39	0.02	0.071	399.3	0
34	399.57	0.8	0.069	399.4	0.06
62	NULL	NULL	NULL	388.03	NULL
72	NULL	NULL	NULL	383.24	NULL
76	NULL	NULL	NULL	375.06	NULL
78	373.4	0.46	0.115	373.22	0.05
79	374.91	0.79	0.14	374.78	0.11
92	NULL	NULL	NULL	403.82	NULL
92	NULL	NULL	NULL	396.4	NULL
93	NULL	NULL	NULL	385.66	NULL
108	378.52	0.12	0.515	378	0.06
30	391.53	0.02	0.676	390.81	0.01

LEGEND

Site Extent

FLOOD DEPTH

<= 0.10

0.10 - 0.20

0.20 - 0.30

0.30 - 0.40

0.40 - 0.50

0.50 - 0.60

0.60 - 0.70

0.70 - 0.80

0.80 - 0.90

> 0.90

PROPOSED LOTS

PROPOSED ROADS

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4655
REV: A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE ----					



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122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

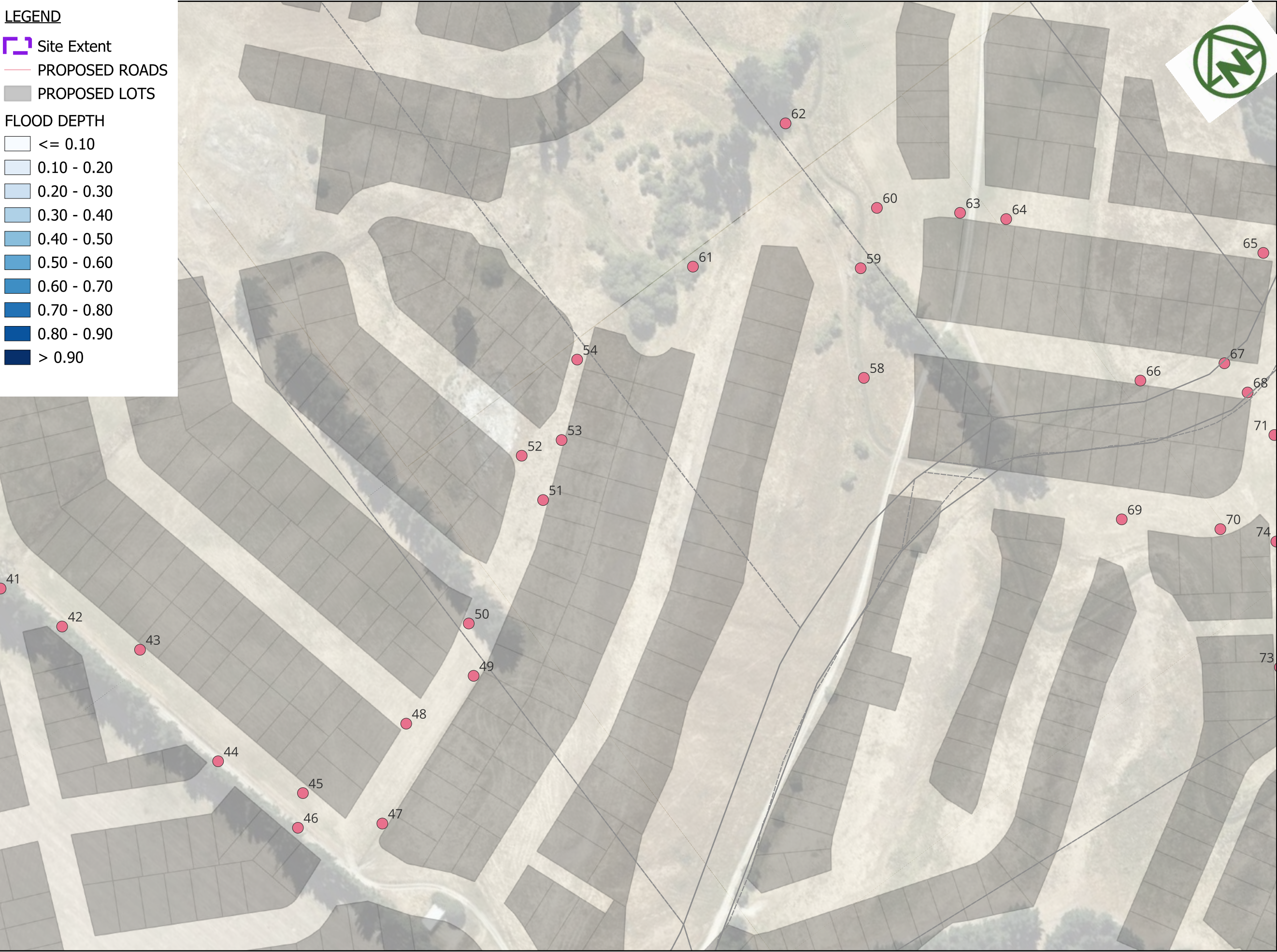
STORMWATER
FLOOD EVENT
Q 2 YEAR/ 50 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 5

LEGEND

-  Site Extent
-  PROPOSED ROADS
-  PROPOSED LOTS

FLOOD DEPTH

-  <= 0.10
-  0.10 - 0.20
-  0.20 - 0.30
-  0.30 - 0.40
-  0.40 - 0.50
-  0.50 - 0.60
-  0.60 - 0.70
-  0.70 - 0.80
-  0.80 - 0.90
-  > 0.90



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
41	NULL	NULL	NULL	411.75	NULL
42	NULL	NULL	NULL	411.67	NULL
43	NULL	NULL	NULL	411.64	NULL
44	NULL	NULL	NULL	411.23	NULL
45	NULL	NULL	NULL	410.51	NULL
46	NULL	NULL	NULL	410.32	NULL
47	NULL	NULL	NULL	409.53	NULL
48	NULL	NULL	NULL	409.24	NULL
49	NULL	NULL	NULL	408.69	NULL
50	NULL	NULL	NULL	408.68	NULL
51	NULL	NULL	NULL	406.67	NULL
52	NULL	NULL	NULL	406.5	NULL
53	NULL	NULL	NULL	406.05	NULL
54	NULL	NULL	NULL	405.6	NULL
58	NULL	NULL	NULL	385.33	NULL
59	NULL	NULL	NULL	385.44	NULL
60	NULL	NULL	NULL	384.09	NULL
61	NULL	NULL	NULL	393.65	NULL
62	NULL	NULL	NULL	388.03	NULL
63	NULL	NULL	NULL	383.42	NULL
66	NULL	NULL	NULL	383.67	NULL
65	NULL	NULL	NULL	383.37	NULL
67	NULL	NULL	NULL	383.48	NULL
68	NULL	NULL	NULL	383.63	NULL
69	NULL	NULL	NULL	384.18	NULL
70	NULL	NULL	NULL	383.95	NULL
71	NULL	NULL	NULL	383.77	NULL
74	NULL	NULL	NULL	383.88	NULL
64	NULL	NULL	NULL	383.54	NULL

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO:
4048-0-4656

REV:
A

REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
A	FIRST ISSUE	PK	SL	JK	09/02/2026



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QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 2 YEAR/ 50 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 6

NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
41	NULL	NULL	NULL	411.75	NULL
42	NULL	NULL	NULL	411.67	NULL
43	NULL	NULL	NULL	411.64	NULL
44	NULL	NULL	NULL	411.23	NULL
45	NULL	NULL	NULL	410.51	NULL
46	NULL	NULL	NULL	410.32	NULL
47	NULL	NULL	NULL	409.53	NULL
48	NULL	NULL	NULL	409.24	NULL
49	NULL	NULL	NULL	408.69	NULL
50	NULL	NULL	NULL	408.68	NULL
51	NULL	NULL	NULL	406.67	NULL
52	NULL	NULL	NULL	406.5	NULL
53	NULL	NULL	NULL	406.05	NULL
54	NULL	NULL	NULL	405.6	NULL
55	NULL	NULL	NULL	420.74	NULL
56	NULL	NULL	NULL	416.79	NULL
57	NULL	NULL	NULL	416.31	NULL
96	NULL	NULL	NULL	416.66	NULL
97	NULL	NULL	NULL	416.73	NULL
150	NULL	NULL	NULL	425	NULL
151	NULL	NULL	NULL	425	NULL
152	NULL	NULL	NULL	425	NULL
154	NULL	NULL	NULL	430	NULL



LEGEND

- Site Extent
- POINTS
- FLOOD DEPTH
 - <= 0.10
 - PROPOSED LOTS
 - PROPOSED ROADS
- FLOOD DEPTH
 - <= 0.10
 - 0.10 - 0.20
 - 0.20 - 0.30
 - 0.30 - 0.40
 - 0.40 - 0.50
 - 0.50 - 0.60
 - 0.60 - 0.70
 - 0.70 - 0.80
 - 0.80 - 0.90
 - > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO:
4048-0-4657

REV:
A

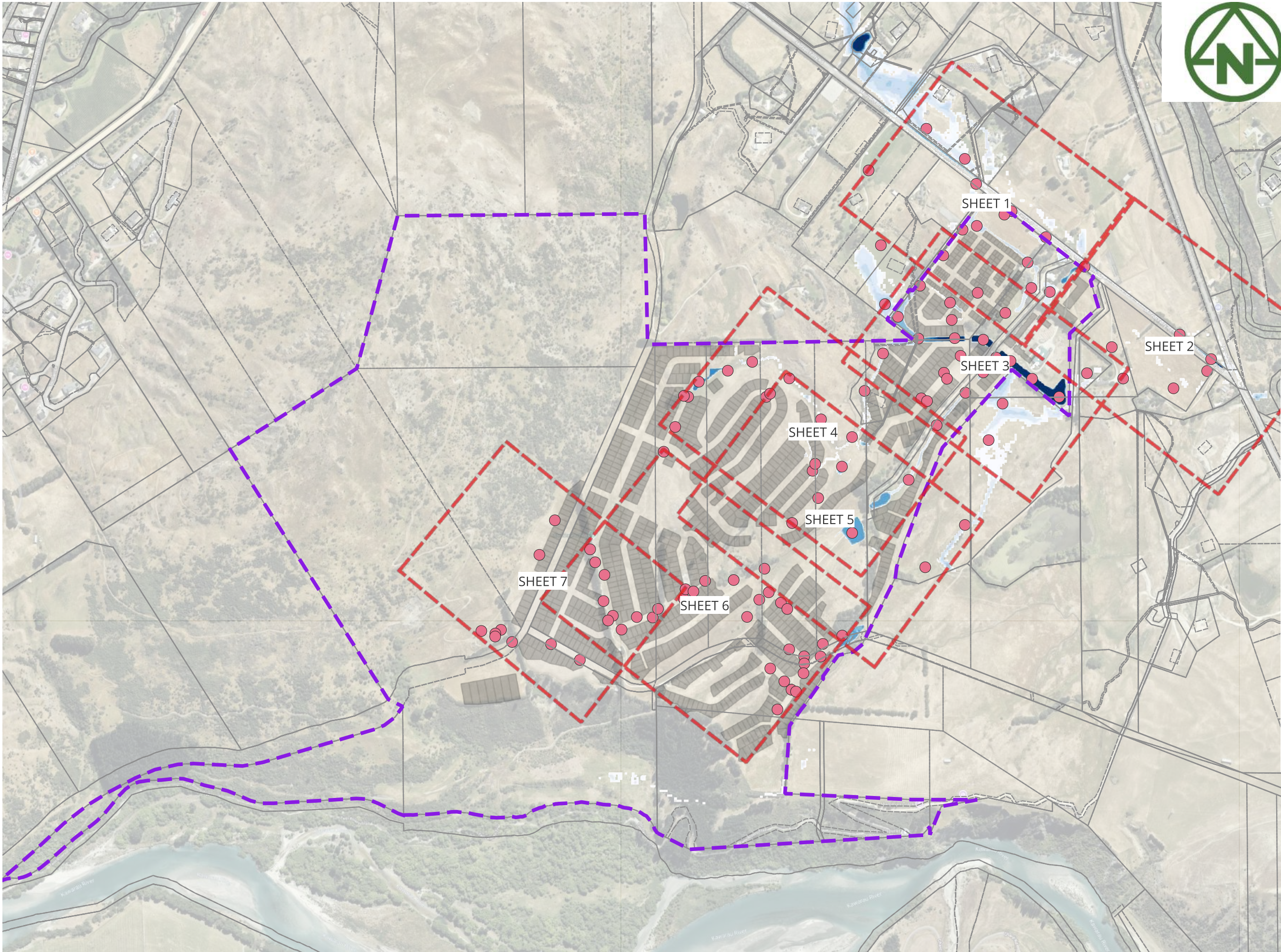
A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ	THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE.		



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ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 2 YEAR/ 50 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 7



LEGEND

- Site Extent
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:13,000

DRAWING NO:
4048-0-4660

REV:
A

REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
A	FIRST ISSUE	PK	SL	JK	09/02/2026

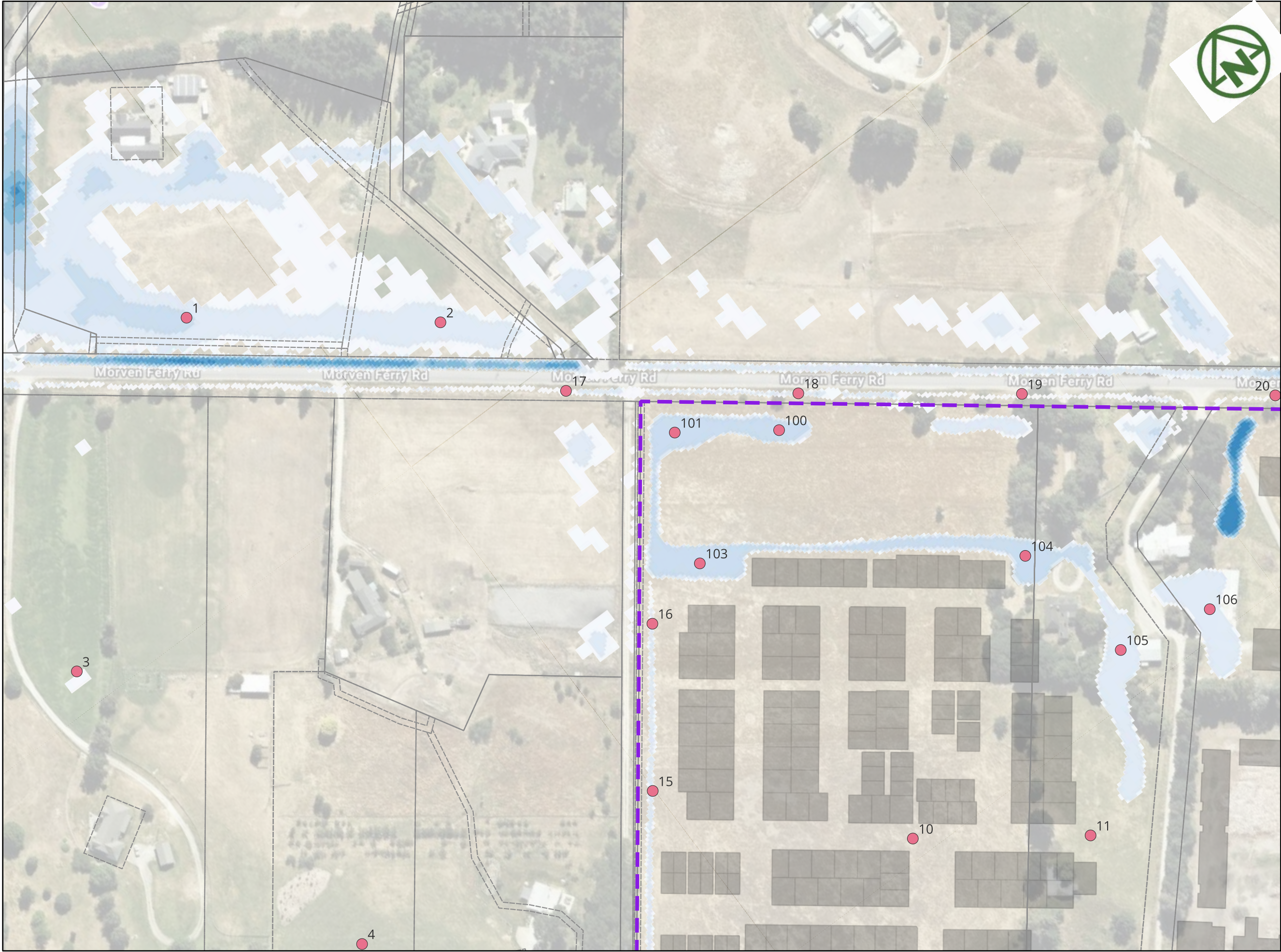


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QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 2 YEAR/ 50 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
OVERALL



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
1	371.9	0.51	0.219	371.67	0.11
2	370.68	0.39	0.147	370.53	0.06
3	NULL	NULL	NULL	370.74	NULL
4	NULL	NULL	NULL	369.06	NULL
10	NULL	NULL	NULL	369.15	NULL
11	NULL	NULL	NULL	368.79	NULL
15	367.92	0.2	0.089	367.73	0.02
16	368.14	0.15	0.129	367.98	0.02
17	NULL	NULL	NULL	369.59	NULL
18	369.17	0.62	0.176	368.84	0.11
19	368.36	0.55	0.05	368.38	0.03
20	NULL	NULL	NULL	367.38	NULL
100	367.92	0.01	0.252	367.66	0
101	367.92	0.02	0.252	367.66	0
103	367.92	0.03	0.252	367.66	0.01
104	367.9	0.07	0.233	367.66	0.02
105	367.82	0.02	0.153	367.66	0
106	367.79	0.03	0.121	367.66	0

LEGEND

Site Extent

PROPOSED LOTS

PROPOSED ROADS

FLOOD DEPTH

≤ 0.10

0.10 - 0.20

0.20 - 0.30

0.30 - 0.40

0.40 - 0.50

0.50 - 0.60

0.60 - 0.70

0.70 - 0.80

0.80 - 0.90

> 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE -----					



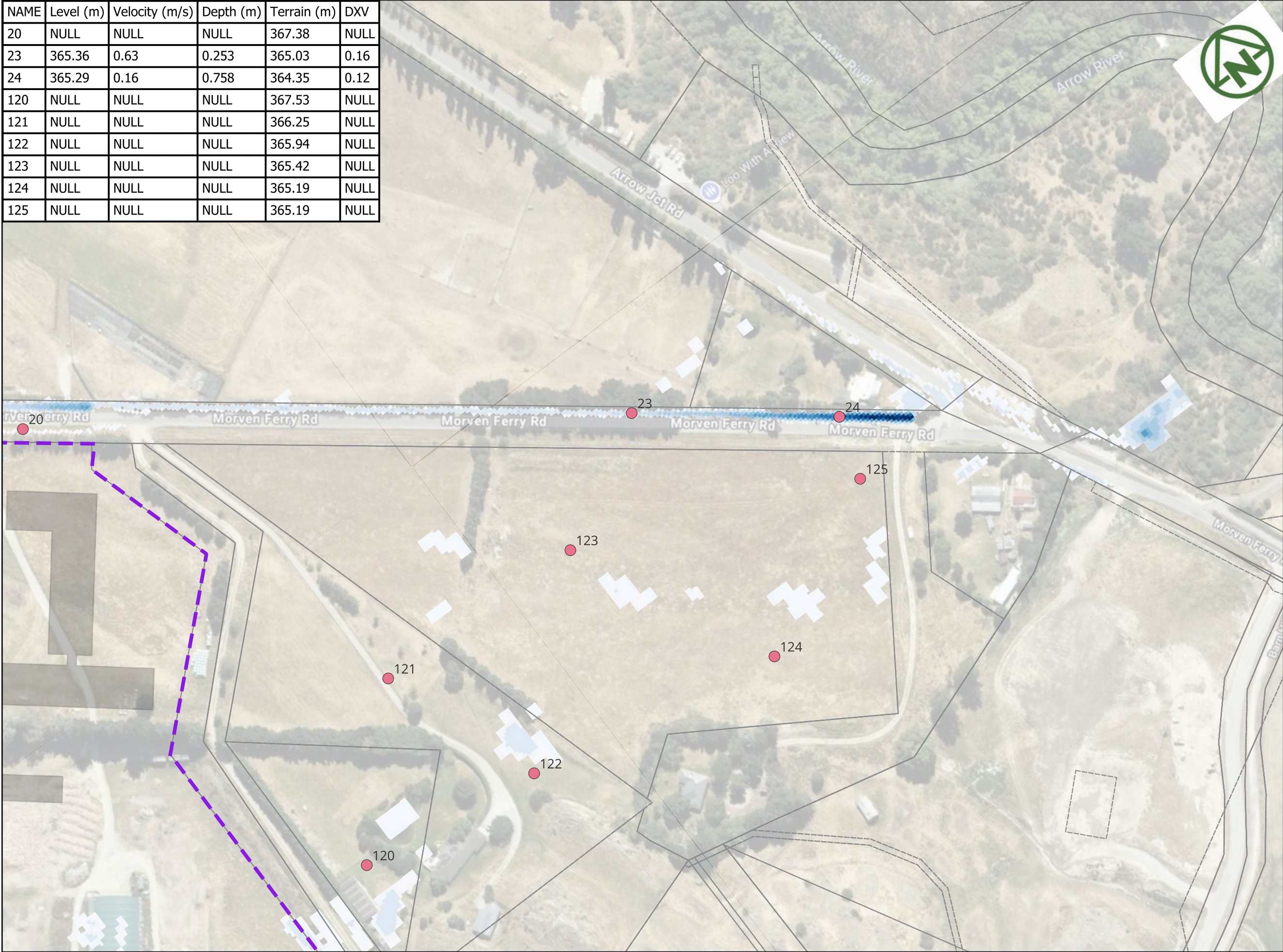
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122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 10 YEAR/ 10 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 1

PURPOSE OF ISSUE:		RESOURCE CONSENT
SCALE:		1:2,500
DRAWING NO:	4048-0-4661	REV: A

NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
20	NULL	NULL	NULL	367.38	NULL
23	365.36	0.63	0.253	365.03	0.16
24	365.29	0.16	0.758	364.35	0.12
120	NULL	NULL	NULL	367.53	NULL
121	NULL	NULL	NULL	366.25	NULL
122	NULL	NULL	NULL	365.94	NULL
123	NULL	NULL	NULL	365.42	NULL
124	NULL	NULL	NULL	365.19	NULL
125	NULL	NULL	NULL	365.19	NULL



LEGEND

- Site Extent
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4662 REV: A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----				

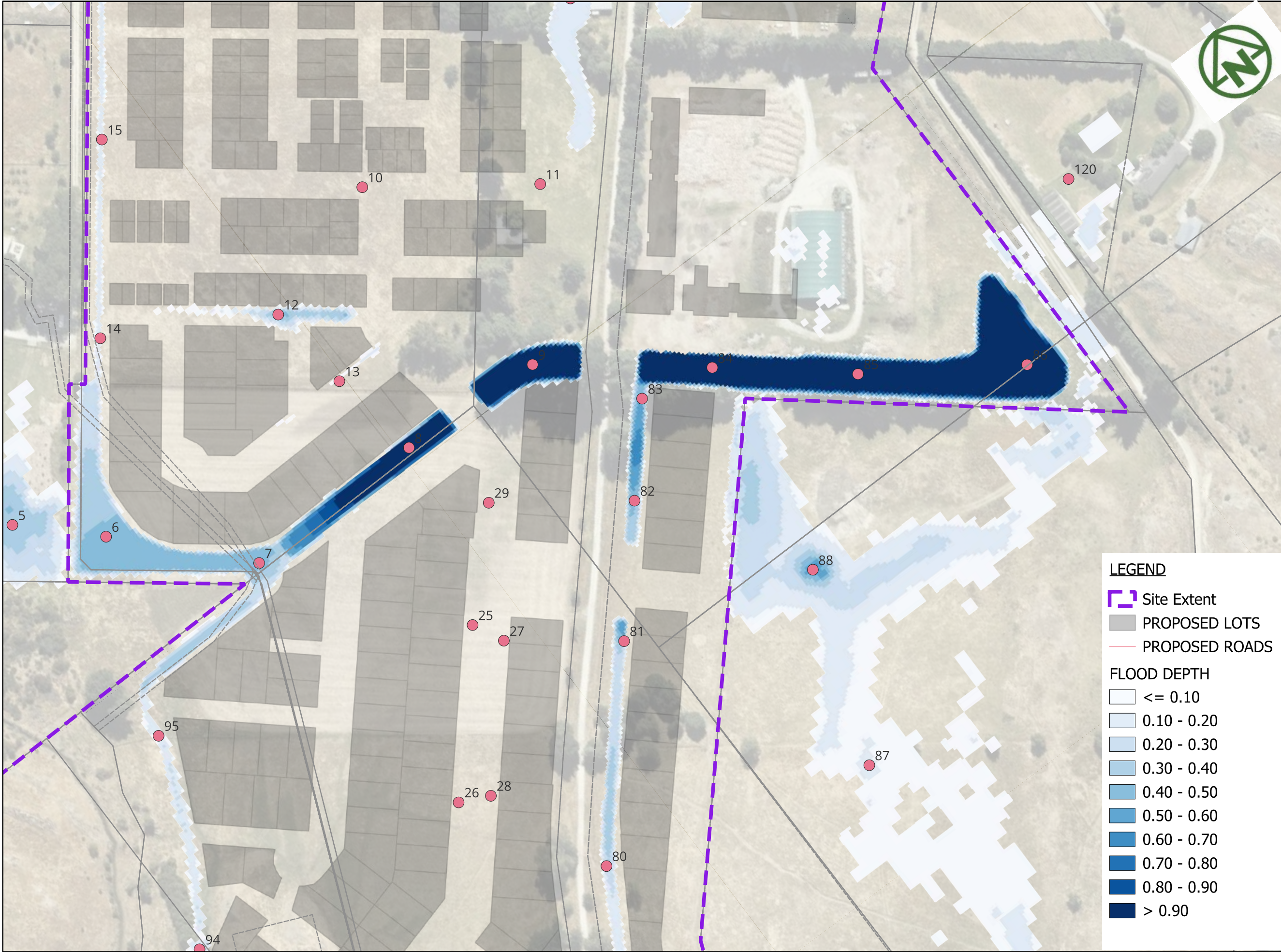


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QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 10 YEAR/ 10 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 2



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
5	368.25	0.21	0.388	367.86	0.08
6	367.55	0.22	0.413	367.14	0.09
7	367.37	0.46	0.442	366.92	0.2
8	367.21	0.8	1.361	365.85	1.09
9	367.2	0.34	2.118	365.08	0.73
10	NULL	NULL	NULL	369.15	NULL
11	NULL	NULL	NULL	368.79	NULL
12	369.41	0.09	0.364	368.96	0.03
13	NULL	NULL	NULL	369.27	NULL
14	367.62	0.28	0.145	367.43	0.04
15	367.92	0.2	0.089	367.73	0.02
25	NULL	NULL	NULL	369.43	NULL
26	NULL	NULL	NULL	370.27	NULL
27	NULL	NULL	NULL	369.58	NULL
28	NULL	NULL	NULL	370.16	NULL
29	NULL	NULL	NULL	369.12	NULL
80	369.28	0.73	0.216	369	0.16
81	367.93	0.74	0.408	367.5	0.3
82	367.27	0.61	0.453	366.81	0.28
83	367.21	0.72	0.497	366.71	0.36
84	367.2	0.23	2.698	364.5	0.61
85	367.2	0.26	2.697	364.5	0.7
86	367.2	0.06	2.696	364.5	0.15
87	368.9	0.38	0.108	368.79	0.04
88	368.14	0.11	0.519	367.42	0.06
94	375.21	0.67	0.204	375.02	0.14
95	369	1.27	0.153	368.75	0.19
120	NULL	NULL	NULL	367.53	NULL
122	NULL	NULL	NULL	365.94	NULL

LEGEND

- Site Extent
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO:
4048-0-4663

REV:
A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ	THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE.		



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QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 10 YEAR/ 10 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 3



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
26	NULL	NULL	NULL	370.27	NULL
28	NULL	NULL	NULL	370.16	NULL
31	NULL	NULL	NULL	393.86	NULL
32	NULL	NULL	NULL	394.36	NULL
33	399.62	0.08	0.279	399.3	0.02
34	399.62	1.11	0.121	399.4	0.13
35	NULL	NULL	NULL	417.95	NULL
36	NULL	NULL	NULL	418.1	NULL
37	NULL	NULL	NULL	413.94	NULL
39	NULL	NULL	NULL	414.23	NULL
79	374.96	0.95	0.186	374.78	0.18
80	369.28	0.73	0.216	369	0.16
89	409.87	0.26	0.671	409.2	0.17
90	409.87	0.24	0.671	409.2	0.16
91	409.64	0.62	0.134	409.45	0.08
92	NULL	NULL	NULL	403.82	NULL
92	395.95	1.34	0.049	396.4	0.07
93	384.86	1.41	0.08	385.66	0.11
94	375.21	0.67	0.204	375.02	0.14
108	378.52	0.12	0.515	378	0.06
30	391.58	0.02	0.728	390.81	0.02

LEGEND

- Site Extent
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4664
REV: A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE -----					



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122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 10 YEAR/ 10 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 4



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
31	NULL	NULL	NULL	393.86	NULL
32	NULL	NULL	NULL	394.36	NULL
33	399.62	0.08	0.279	399.3	0.02
34	399.62	1.11	0.121	399.4	0.13
62	NULL	NULL	NULL	388.03	NULL
72	NULL	NULL	NULL	383.24	NULL
76	NULL	NULL	NULL	375.06	NULL
78	373.53	0.64	0.194	373.22	0.12
79	374.96	0.95	0.186	374.78	0.18
92	NULL	NULL	NULL	403.82	NULL
92	395.95	1.34	0.049	396.4	0.07
93	384.86	1.41	0.08	385.66	0.11
108	378.52	0.12	0.515	378	0.06
30	391.58	0.02	0.728	390.81	0.02

LEGEND

- Site Extent
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4665
REV: A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ	THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE.		



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122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

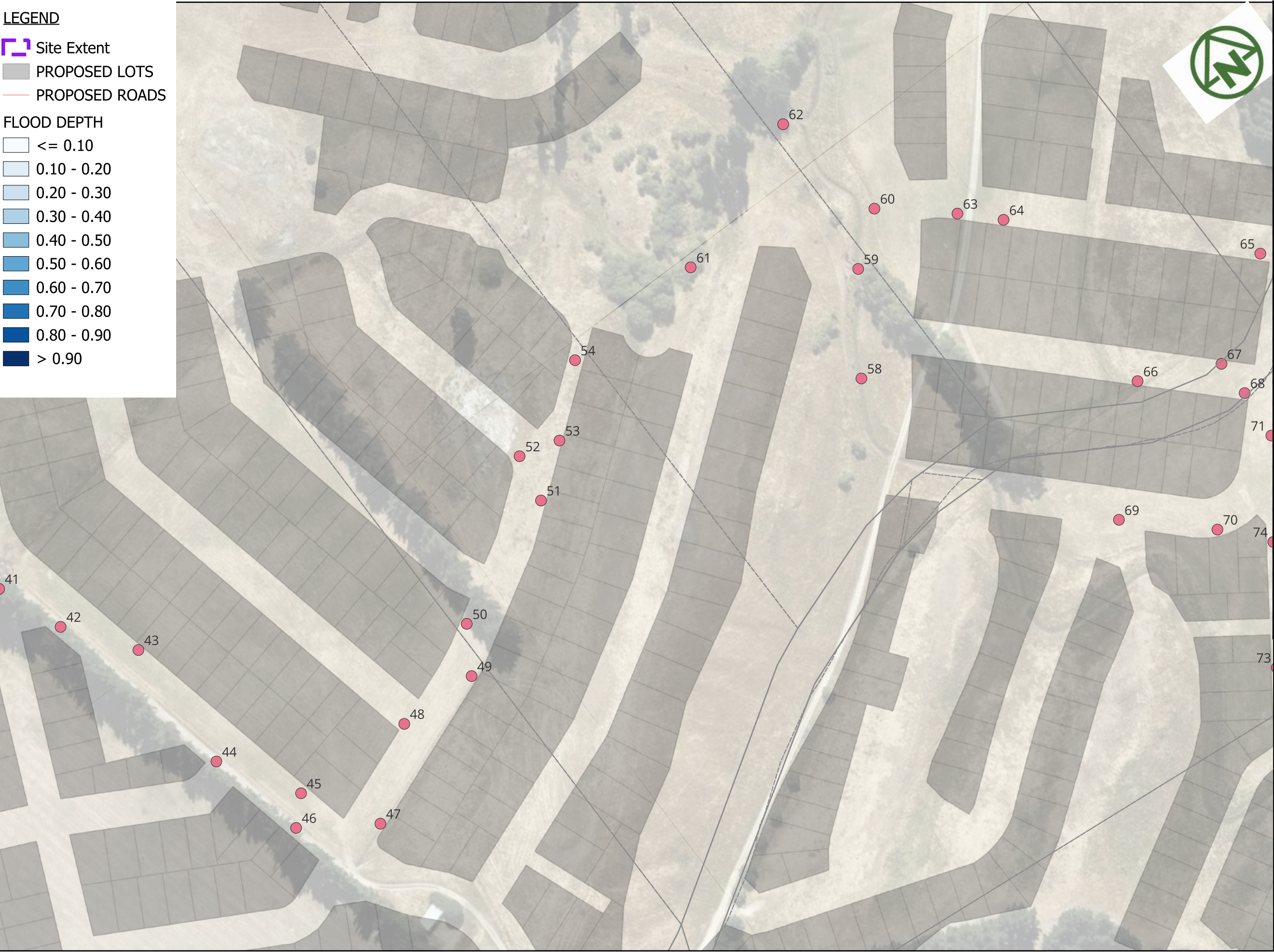
STORMWATER
FLOOD EVENT
Q 10 YEAR/ 10 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 5

LEGEND

-  Site Extent
-  PROPOSED LOTS
-  PROPOSED ROADS

FLOOD DEPTH

-  <= 0.10
-  0.10 - 0.20
-  0.20 - 0.30
-  0.30 - 0.40
-  0.40 - 0.50
-  0.50 - 0.60
-  0.60 - 0.70
-  0.70 - 0.80
-  0.80 - 0.90
-  > 0.90



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
41	NULL	NULL	NULL	411.75	NULL
42	NULL	NULL	NULL	411.67	NULL
43	NULL	NULL	NULL	411.64	NULL
44	NULL	NULL	NULL	411.23	NULL
45	NULL	NULL	NULL	410.51	NULL
46	NULL	NULL	NULL	410.32	NULL
47	NULL	NULL	NULL	409.53	NULL
48	NULL	NULL	NULL	409.24	NULL
49	NULL	NULL	NULL	408.69	NULL
50	NULL	NULL	NULL	408.68	NULL
51	NULL	NULL	NULL	406.67	NULL
52	NULL	NULL	NULL	406.5	NULL
53	NULL	NULL	NULL	406.05	NULL
54	NULL	NULL	NULL	405.6	NULL
58	NULL	NULL	NULL	385.33	NULL
59	NULL	NULL	NULL	385.44	NULL
60	NULL	NULL	NULL	384.09	NULL
61	NULL	NULL	NULL	393.65	NULL
62	NULL	NULL	NULL	388.03	NULL
63	NULL	NULL	NULL	383.42	NULL
66	NULL	NULL	NULL	383.67	NULL
65	NULL	NULL	NULL	383.37	NULL
67	NULL	NULL	NULL	383.48	NULL
68	NULL	NULL	NULL	383.63	NULL
69	NULL	NULL	NULL	384.18	NULL
70	NULL	NULL	NULL	383.95	NULL
71	NULL	NULL	NULL	383.77	NULL
74	NULL	NULL	NULL	383.88	NULL
64	NULL	NULL	NULL	383.54	NULL

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4666
REV: A

REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
A	FIRST ISSUE	PK	SL	JK	09/02/2026



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122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 10 YEAR/ 10 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 6

NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
41	NULL	NULL	NULL	411.75	NULL
42	NULL	NULL	NULL	411.67	NULL
43	NULL	NULL	NULL	411.64	NULL
44	NULL	NULL	NULL	411.23	NULL
45	NULL	NULL	NULL	410.51	NULL
46	NULL	NULL	NULL	410.32	NULL
47	NULL	NULL	NULL	409.53	NULL
48	NULL	NULL	NULL	409.24	NULL
49	NULL	NULL	NULL	408.69	NULL
50	NULL	NULL	NULL	408.68	NULL
51	NULL	NULL	NULL	406.67	NULL
52	NULL	NULL	NULL	406.5	NULL
53	NULL	NULL	NULL	406.05	NULL
54	NULL	NULL	NULL	405.6	NULL
55	NULL	NULL	NULL	420.74	NULL
56	NULL	NULL	NULL	416.79	NULL
57	NULL	NULL	NULL	416.31	NULL
96	NULL	NULL	NULL	416.66	NULL
97	NULL	NULL	NULL	416.73	NULL
150	NULL	NULL	NULL	425	NULL
151	NULL	NULL	NULL	425	NULL
152	NULL	NULL	NULL	425	NULL
154	NULL	NULL	NULL	430	NULL



LEGEND

- Site Extent
- POINTS
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ	THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE.		



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122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

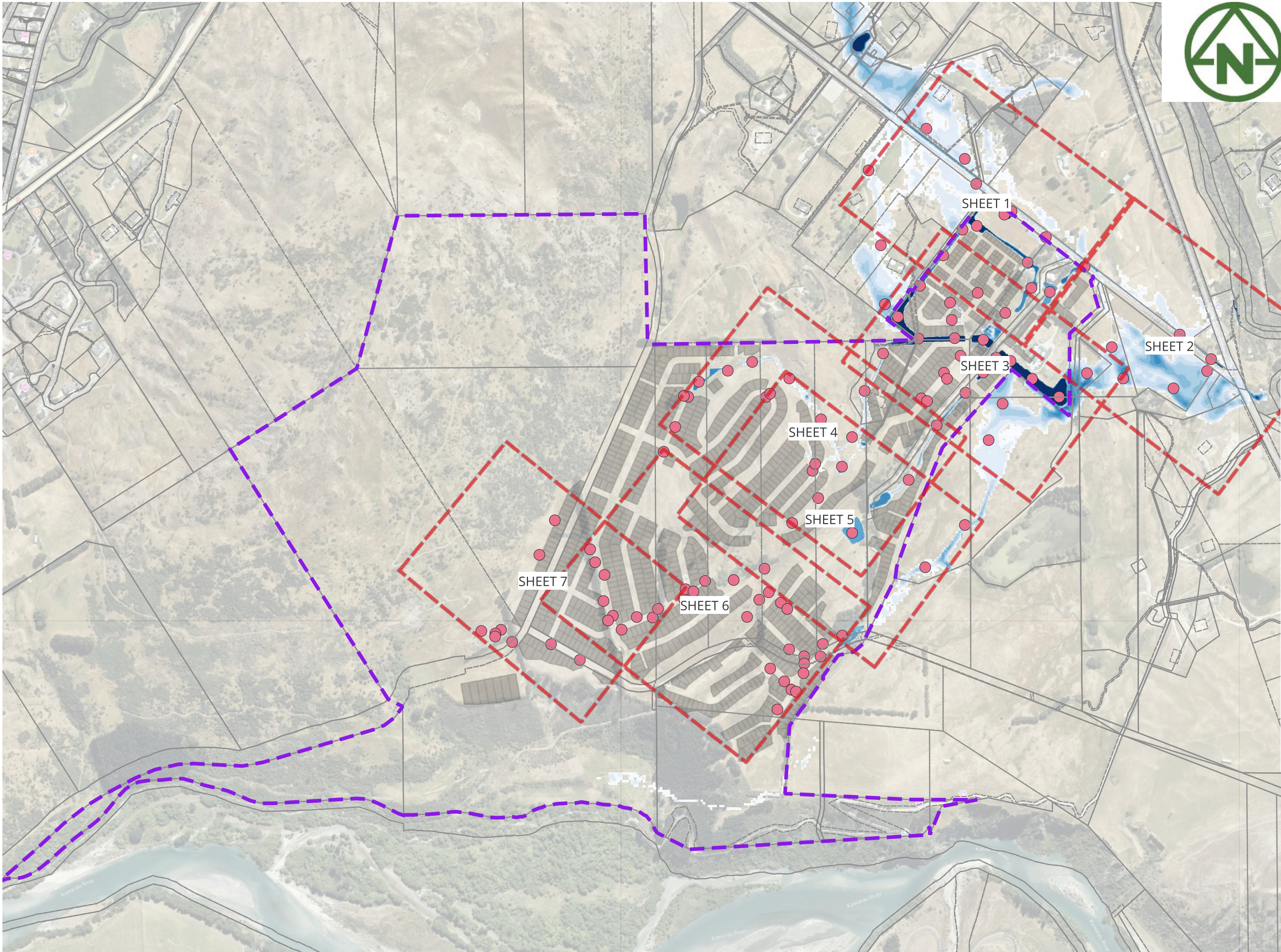
STORMWATER
FLOOD EVENT
Q 10 YEAR/ 10 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 7

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO:
4048-0-4667

REV:
A



LEGEND

- Site Extent
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- ≤ 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:13,000

DRAWING NO:
4048-0-4670

REV:
A

REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
A	FIRST ISSUE	PK	SL	JK	09/02/2026



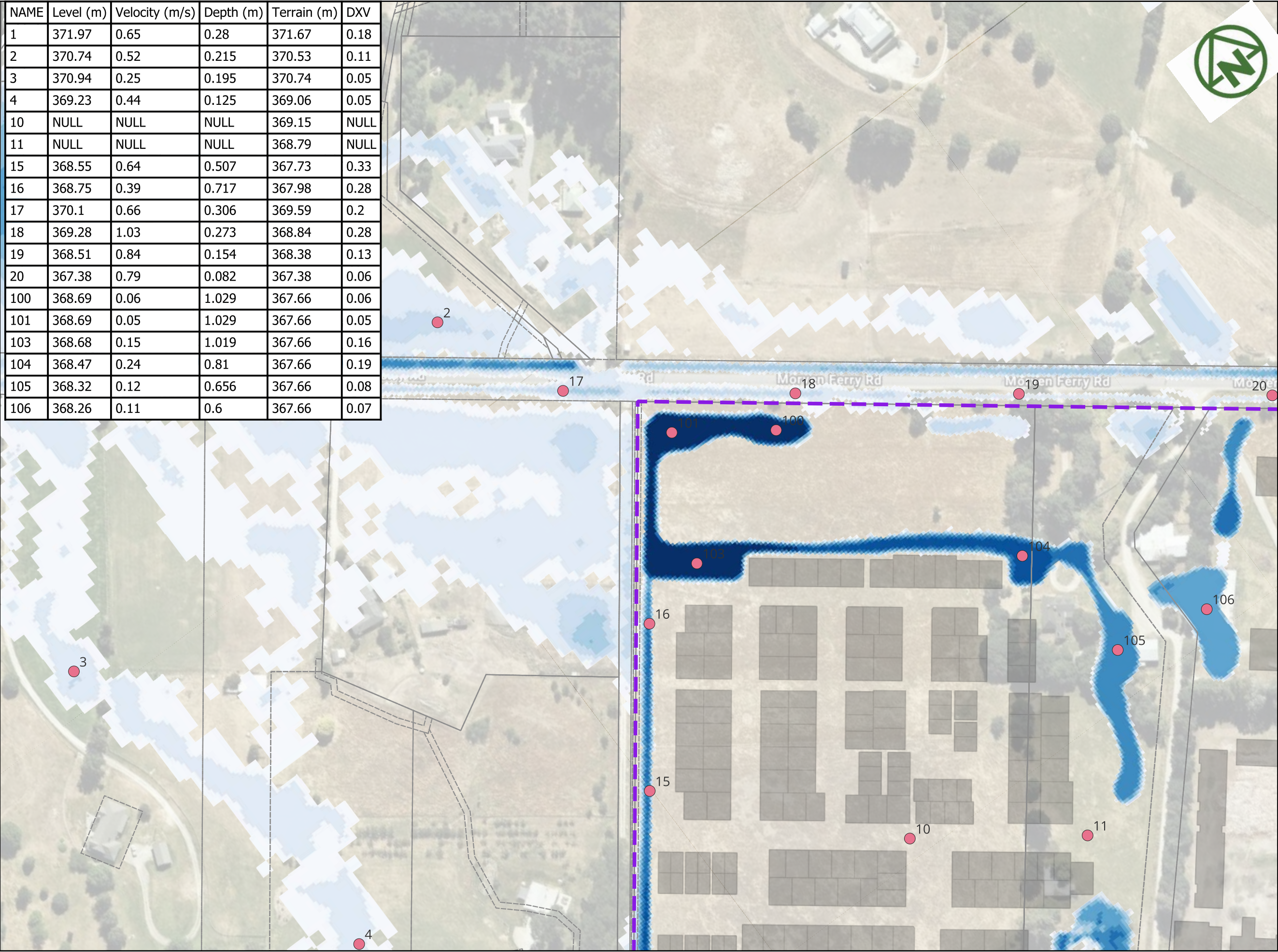
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122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 100 YEAR/ 1 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
OVERALL

NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
1	371.97	0.65	0.28	371.67	0.18
2	370.74	0.52	0.215	370.53	0.11
3	370.94	0.25	0.195	370.74	0.05
4	369.23	0.44	0.125	369.06	0.05
10	NULL	NULL	NULL	369.15	NULL
11	NULL	NULL	NULL	368.79	NULL
15	368.55	0.64	0.507	367.73	0.33
16	368.75	0.39	0.717	367.98	0.28
17	370.1	0.66	0.306	369.59	0.2
18	369.28	1.03	0.273	368.84	0.28
19	368.51	0.84	0.154	368.38	0.13
20	367.38	0.79	0.082	367.38	0.06
100	368.69	0.06	1.029	367.66	0.06
101	368.69	0.05	1.029	367.66	0.05
103	368.68	0.15	1.019	367.66	0.16
104	368.47	0.24	0.81	367.66	0.19
105	368.32	0.12	0.656	367.66	0.08
106	368.26	0.11	0.6	367.66	0.07



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
1	371.97	0.65	0.28	371.67	0.18
2	370.74	0.52	0.215	370.53	0.11
3	370.94	0.25	0.195	370.74	0.05
4	369.23	0.44	0.125	369.06	0.05
10	NULL	NULL	NULL	369.15	NULL
11	NULL	NULL	NULL	368.79	NULL
15	368.55	0.64	0.507	367.73	0.33
16	368.75	0.39	0.717	367.98	0.28
17	370.1	0.66	0.306	369.59	0.2
18	369.28	1.03	0.273	368.84	0.28
19	368.51	0.84	0.154	368.38	0.13
20	367.38	0.79	0.082	367.38	0.06
100	368.69	0.06	1.029	367.66	0.06
101	368.69	0.05	1.029	367.66	0.05
103	368.68	0.15	1.019	367.66	0.16
104	368.47	0.24	0.81	367.66	0.19
105	368.32	0.12	0.656	367.66	0.08
106	368.26	0.11	0.6	367.66	0.07

LEGEND

Site Extent

PROPOSED LOTS

PROPOSED ROADS

FLOOD DEPTH

<= 0.10

0.10 - 0.20

0.20 - 0.30

0.30 - 0.40

0.40 - 0.50

0.50 - 0.60

0.60 - 0.70

0.70 - 0.80

0.80 - 0.90

> 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE -----					



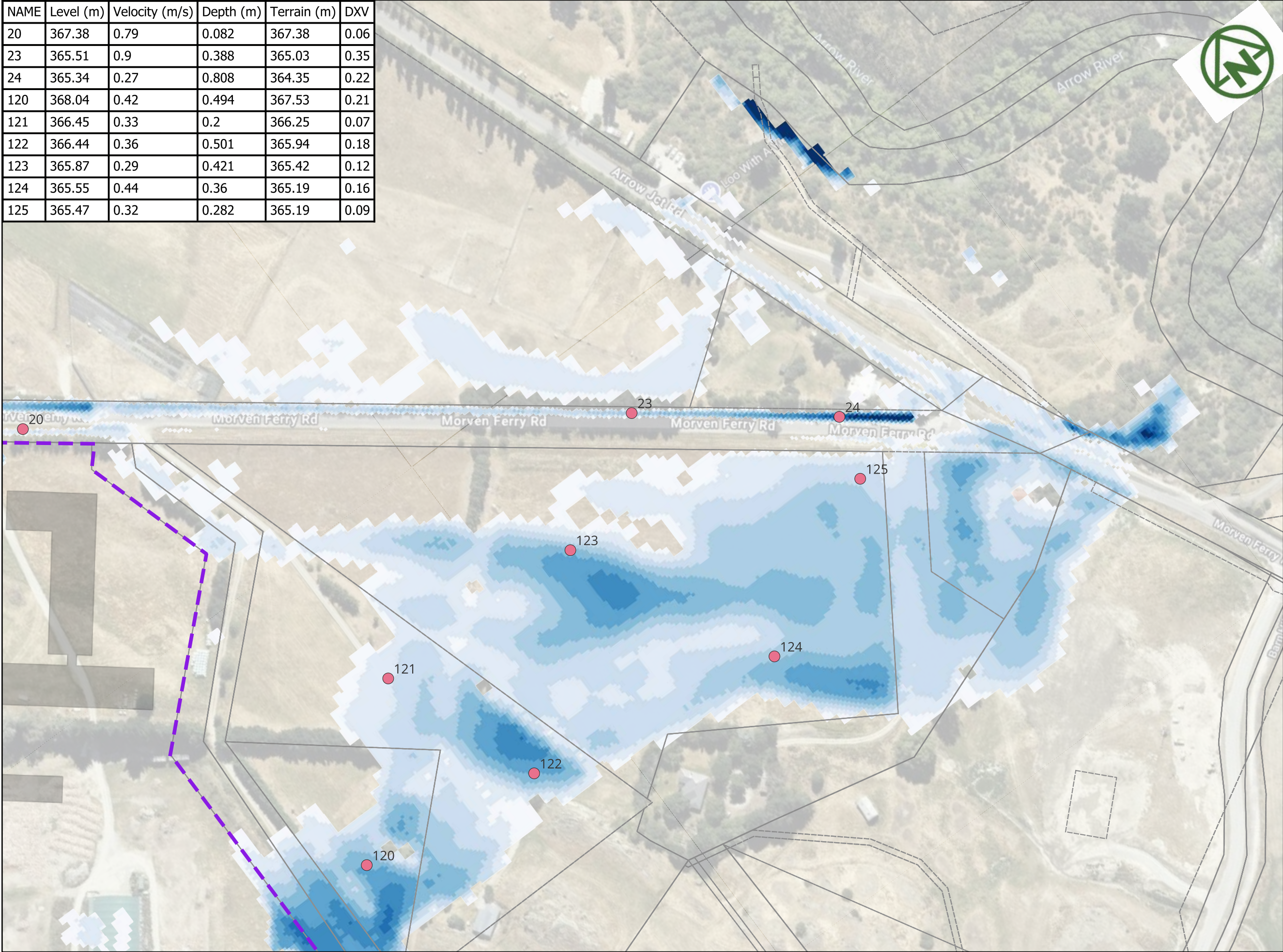
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RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 100 YEAR/ 1 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 1

PURPOSE OF ISSUE:		RESOURCE CONSENT
SCALE:		1:2,500
DRAWING NO:	4048-0-4671	REV: A

NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
20	367.38	0.79	0.082	367.38	0.06
23	365.51	0.9	0.388	365.03	0.35
24	365.34	0.27	0.808	364.35	0.22
120	368.04	0.42	0.494	367.53	0.21
121	366.45	0.33	0.2	366.25	0.07
122	366.44	0.36	0.501	365.94	0.18
123	365.87	0.29	0.421	365.42	0.12
124	365.55	0.44	0.36	365.19	0.16
125	365.47	0.32	0.282	365.19	0.09



LEGEND

- Site Extent
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- ≤ 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4672 REV: A

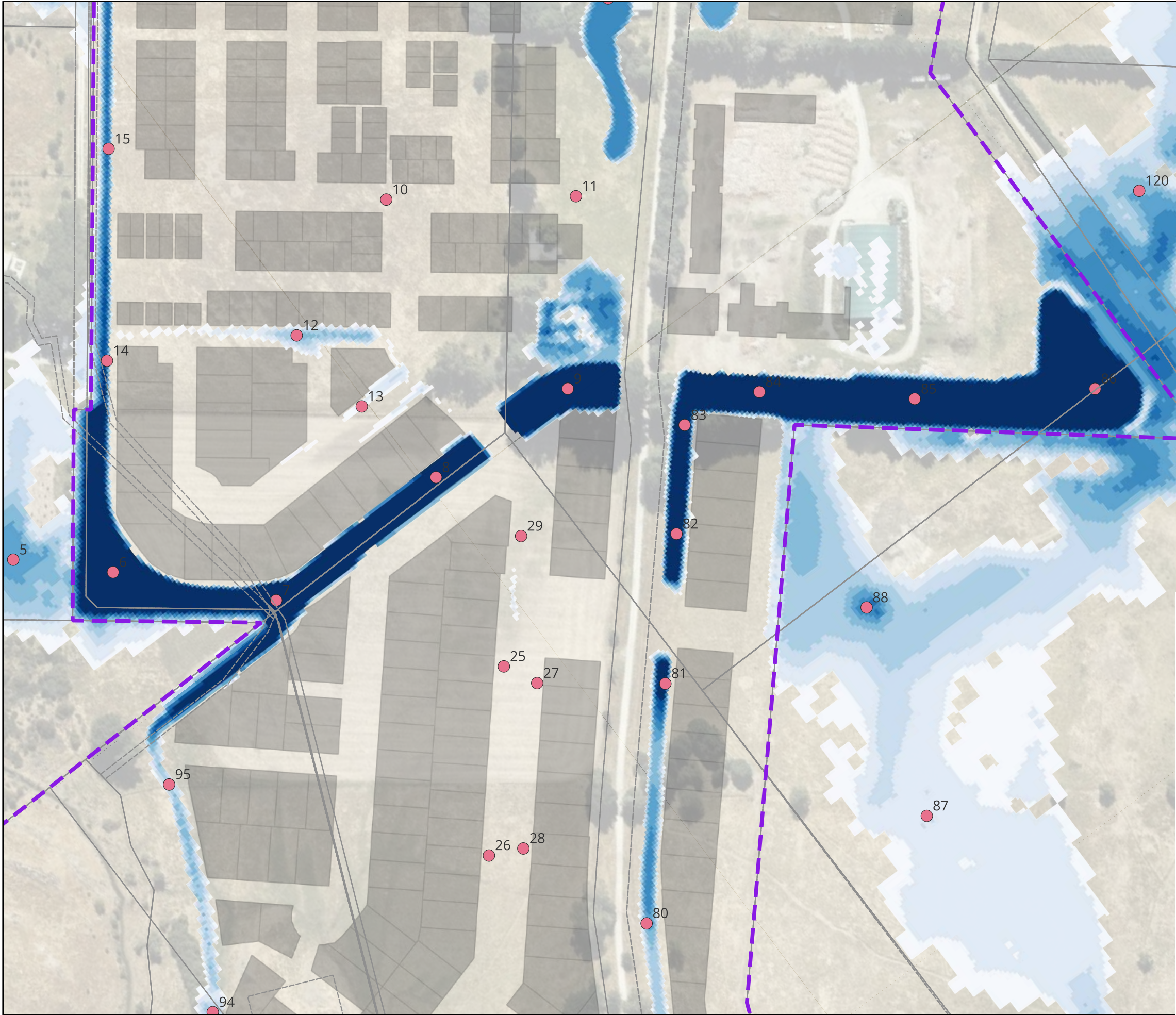
A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ	THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE.		



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122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 100 YEAR/ 1 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 2



LEGEND

- Site Extent
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
5	368.41	0.36	0.554	367.86	0.2
6	368.36	0.26	1.221	367.14	0.32
7	368.31	0.57	1.391	366.92	0.8
8	368.28	0.72	2.429	365.85	1.74
9	368.23	0.34	3.146	365.08	1.06
10	NULL	NULL	NULL	369.15	NULL
11	NULL	NULL	NULL	368.79	NULL
12	369.47	0.09	0.418	368.96	0.04
13	369.38	0.06	0.068	369.27	0
14	368.39	0.4	0.881	367.43	0.35
15	368.55	0.64	0.507	367.73	0.33
25	NULL	NULL	NULL	369.43	NULL
26	NULL	NULL	NULL	370.27	NULL
27	NULL	NULL	NULL	369.58	NULL
28	NULL	NULL	NULL	370.16	NULL
29	NULL	NULL	NULL	369.12	NULL
80	369.56	1.01	0.464	369	0.47
81	368.61	0.74	1.094	367.5	0.8
82	368.21	0.75	1.393	366.81	1.04
83	368.2	0.92	1.484	366.71	1.37
84	368.19	0.28	3.689	364.5	1.03
85	368.18	0.29	3.682	364.5	1.06
86	368.18	0.11	3.68	364.5	0.39
87	368.99	0.59	0.196	368.79	0.12
88	368.29	0.18	0.668	367.42	0.12
94	375.43	1.08	0.407	375.02	0.44
95	369.22	1.87	0.336	368.75	0.63
120	368.04	0.42	0.494	367.53	0.21
122	366.44	0.36	0.501	365.94	0.18

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4673
REV: A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ	THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE.		

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122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 100 YEAR/ 1 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 3



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
26	NULL	NULL	NULL	370.27	NULL
28	NULL	NULL	NULL	370.16	NULL
31	NULL	NULL	NULL	393.86	NULL
32	NULL	NULL	NULL	394.36	NULL
33	399.68	0.04	0.336	399.3	0.01
34	399.67	1.37	0.171	399.4	0.24
35	NULL	NULL	NULL	417.95	NULL
36	NULL	NULL	NULL	418.1	NULL
37	NULL	NULL	NULL	413.94	NULL
39	NULL	NULL	NULL	414.23	NULL
79	375.1	1.38	0.33	374.78	0.46
80	369.56	1.01	0.464	369	0.47
89	409.89	0.26	0.693	409.2	0.18
90	409.89	0.24	0.693	409.2	0.16
91	409.84	1.1	0.329	409.45	0.36
92	404.09	1.66	0.152	403.82	0.25
92	396.2	2.28	0.146	396.4	0.33
93	385.01	1.92	0.14	385.66	0.27
94	375.43	1.08	0.407	375.02	0.44
108	378.52	0.12	0.515	378	0.06
30	391.67	0.03	0.818	390.81	0.03

LEGEND

- Site Extent
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO:
4048-0-4674

REV:
A

A		FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE	
PLOT DATE						



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ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 100 YEAR/ 1 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 4



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
31	NULL	NULL	NULL	393.86	NULL
32	NULL	NULL	NULL	394.36	NULL
33	399.68	0.04	0.336	399.3	0.01
34	399.67	1.37	0.171	399.4	0.24
62	NULL	NULL	NULL	388.03	NULL
72	NULL	NULL	NULL	383.24	NULL
76	375.67	0.39	0.451	375.06	0.18
78	373.8	0.82	0.388	373.22	0.32
79	375.1	1.38	0.33	374.78	0.46
92	404.09	1.66	0.152	403.82	0.25
92	396.2	2.28	0.146	396.4	0.33
93	385.01	1.92	0.14	385.66	0.27
108	378.52	0.12	0.515	378	0.06
30	391.67	0.03	0.818	390.81	0.03

LEGEND

Site Extent

PROPOSED LOTS

FLOOD DEPTH

<= 0.10

0.10 - 0.20

0.20 - 0.30

0.30 - 0.40

0.40 - 0.50

0.50 - 0.60

0.60 - 0.70

0.70 - 0.80

0.80 - 0.90

> 0.90

PROPOSED ROADS

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO:
4048-0-4675

REV:
A

A		FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE	
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ				

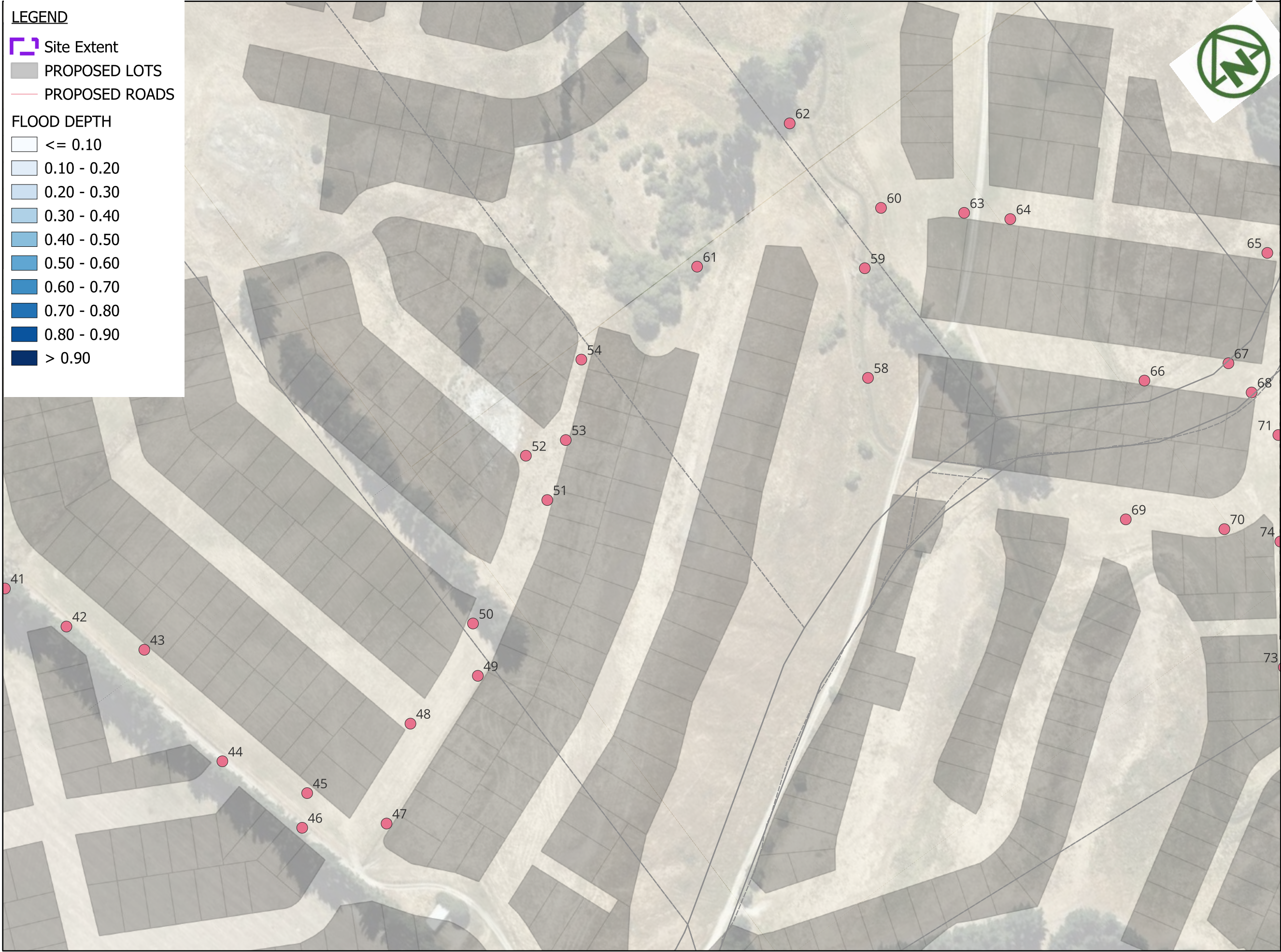


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122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 100 YEAR/ 1 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 5

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NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
41	NULL	NULL	NULL	411.75	NULL
42	NULL	NULL	NULL	411.67	NULL
43	NULL	NULL	NULL	411.64	NULL
44	NULL	NULL	NULL	411.23	NULL
45	NULL	NULL	NULL	410.51	NULL
46	NULL	NULL	NULL	410.32	NULL
47	NULL	NULL	NULL	409.53	NULL
48	NULL	NULL	NULL	409.24	NULL
49	NULL	NULL	NULL	408.69	NULL
50	NULL	NULL	NULL	408.68	NULL
51	NULL	NULL	NULL	406.67	NULL
52	NULL	NULL	NULL	406.5	NULL
53	NULL	NULL	NULL	406.05	NULL
54	NULL	NULL	NULL	405.6	NULL
58	NULL	NULL	NULL	385.33	NULL
59	NULL	NULL	NULL	385.44	NULL
60	NULL	NULL	NULL	384.09	NULL
61	NULL	NULL	NULL	393.65	NULL
62	NULL	NULL	NULL	388.03	NULL
63	NULL	NULL	NULL	383.42	NULL
66	NULL	NULL	NULL	383.67	NULL
65	NULL	NULL	NULL	383.37	NULL
67	NULL	NULL	NULL	383.48	NULL
68	NULL	NULL	NULL	383.63	NULL
69	NULL	NULL	NULL	384.18	NULL
70	NULL	NULL	NULL	383.95	NULL
71	NULL	NULL	NULL	383.77	NULL
74	NULL	NULL	NULL	383.88	NULL
64	NULL	NULL	NULL	383.54	NULL

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4676
REV: A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE					



MCKENZIE & CO.

RIDGEBURN LTD

RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 100 YEAR/ 1 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 6

NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
41	NULL	NULL	NULL	411.75	NULL
42	NULL	NULL	NULL	411.67	NULL
43	NULL	NULL	NULL	411.64	NULL
44	NULL	NULL	NULL	411.23	NULL
45	NULL	NULL	NULL	410.51	NULL
46	NULL	NULL	NULL	410.32	NULL
47	NULL	NULL	NULL	409.53	NULL
48	NULL	NULL	NULL	409.24	NULL
49	NULL	NULL	NULL	408.69	NULL
50	NULL	NULL	NULL	408.68	NULL
51	NULL	NULL	NULL	406.67	NULL
52	NULL	NULL	NULL	406.5	NULL
53	NULL	NULL	NULL	406.05	NULL
54	NULL	NULL	NULL	405.6	NULL
55	NULL	NULL	NULL	420.74	NULL
56	NULL	NULL	NULL	416.79	NULL
57	NULL	NULL	NULL	416.31	NULL
96	NULL	NULL	NULL	416.66	NULL
97	NULL	NULL	NULL	416.73	NULL
150	NULL	NULL	NULL	425	NULL
151	NULL	NULL	NULL	425	NULL
152	NULL	NULL	NULL	425	NULL
154	NULL	NULL	NULL	430	NULL



LEGEND

- Site Extent
- POINTS
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4677 REV: A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ	THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE.		

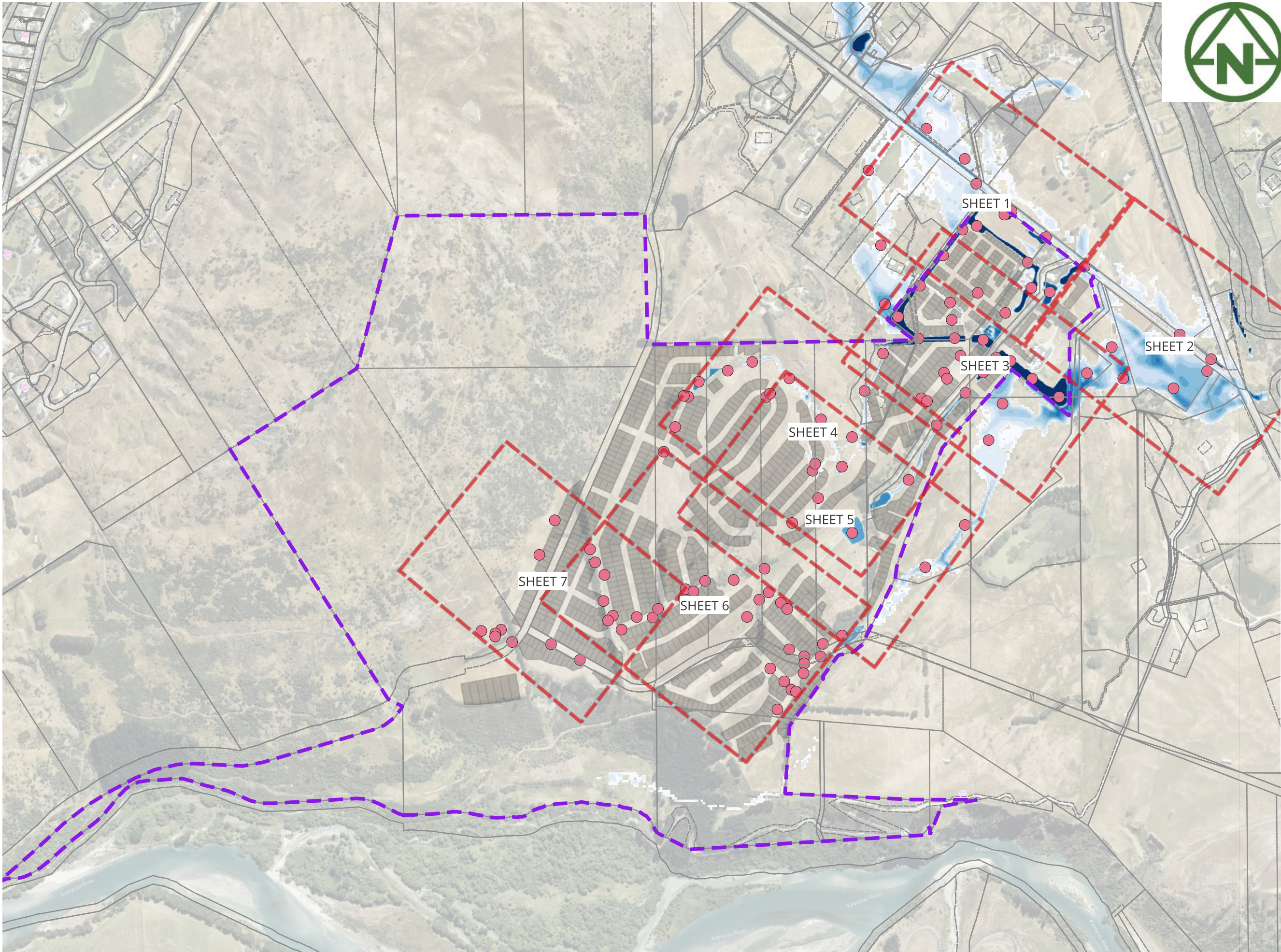


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RIDGEBURN LTD

RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 10 YEAR/ 10 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
SHEET 7



LEGEND

- Site Extent
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- ≤ 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:13,000

DRAWING NO:
4048-0-4680

REV:
A

A FIRST ISSUE PK SL JK 09/02/2026

REV DESCRIPTION DRN BYCHK BY APP BY DATE

PLOT DATE -----

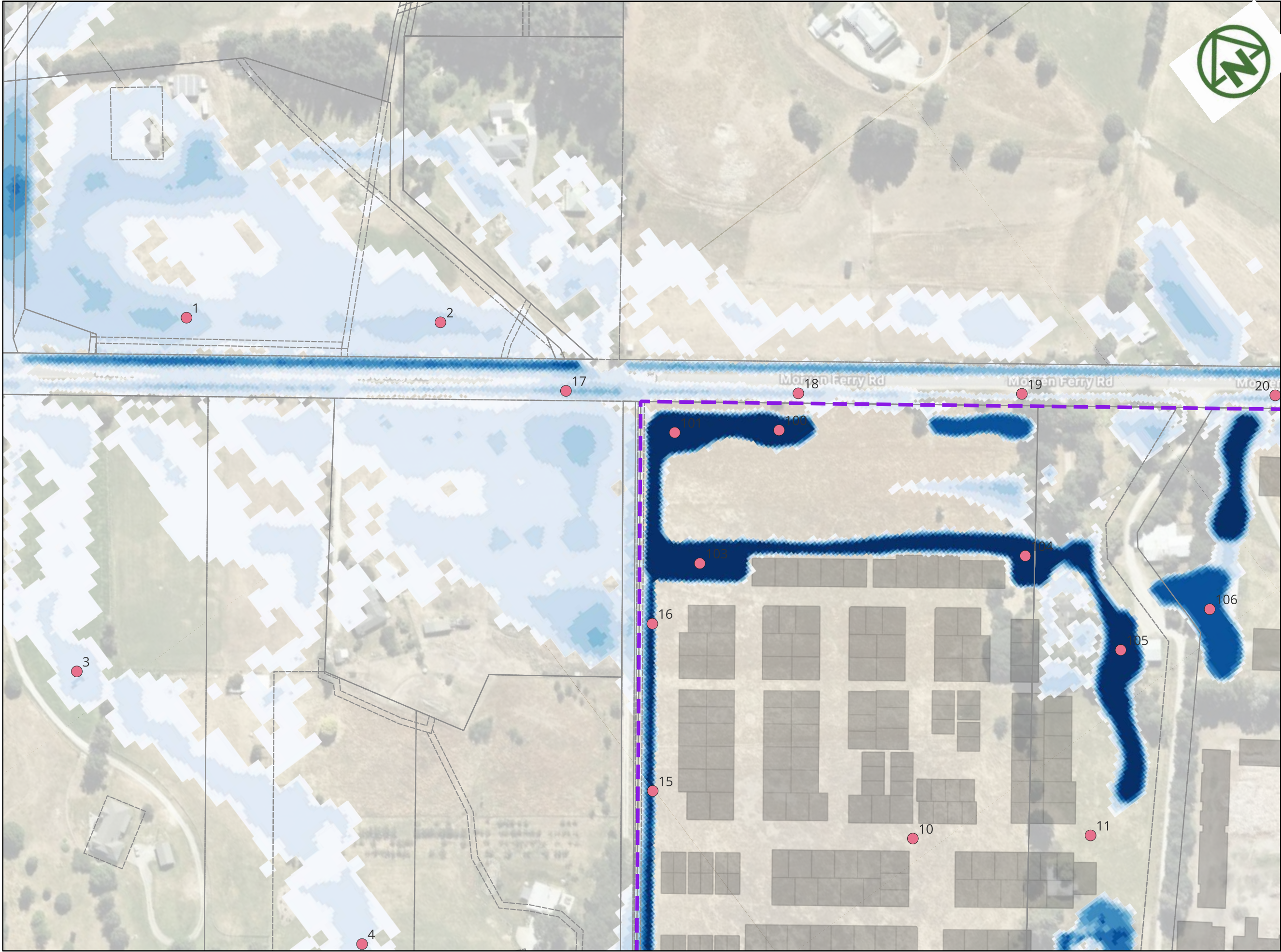


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RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 10 YEAR/ 10 AEP (INFLOW BC)
POST-DEVELOPMENT EXTENT
OVERALL



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
1	371.97	0.65	0.28	371.67	0.18
2	370.75	0.52	0.22	370.53	0.11
3	370.94	0.25	0.195	370.74	0.05
4	369.23	0.44	0.125	369.06	0.05
10	NULL	NULL	NULL	369.15	NULL
11	NULL	NULL	NULL	368.79	NULL
15	368.77	0.83	0.689	367.73	0.57
16	369.04	0.26	1.008	367.98	0.26
17	370.2	0.68	0.399	369.59	0.27
18	369.28	1.07	0.282	368.84	0.3
19	368.51	0.85	0.157	368.38	0.13
20	367.5	1.16	0.194	367.38	0.22
100	369.05	0.07	1.383	367.66	0.09
101	369.05	0.06	1.382	367.66	0.09
103	369.02	0.21	1.358	367.66	0.29
104	368.77	0.31	1.104	367.66	0.34
105	368.64	0.14	0.976	367.66	0.14
106	368.48	0.08	0.817	367.66	0.06

LEGEND

Site Extent

PROPOSED LOTS

PROPOSED ROADS

FLOOD DEPTH

<= 0.10

0.10 - 0.20

0.20 - 0.30

0.30 - 0.40

0.40 - 0.50

0.50 - 0.60

0.60 - 0.70

0.70 - 0.80

0.80 - 0.90

> 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE: ----					



RIDGEBURN LTD

RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

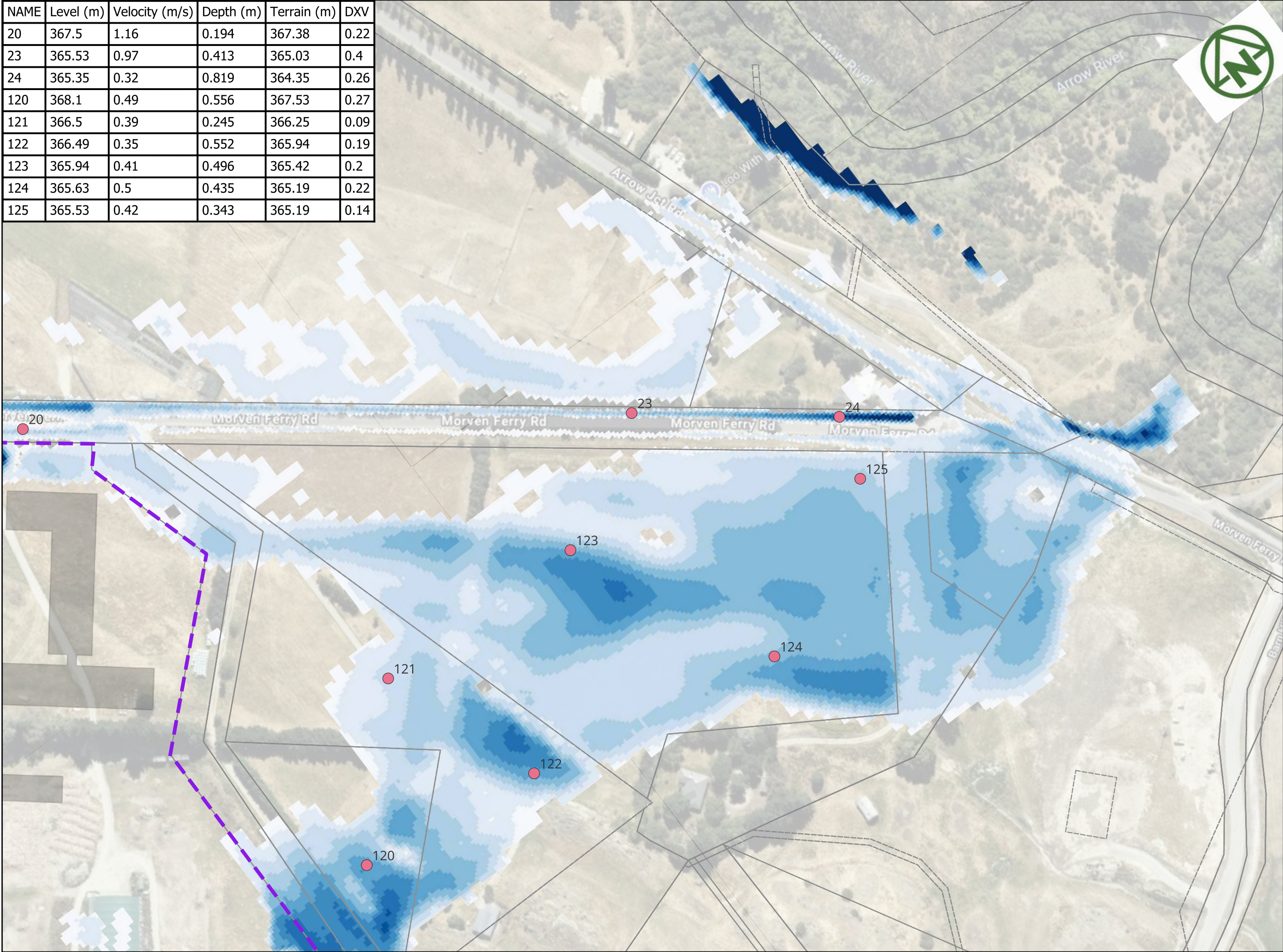
STORMWATER FLOOD EVENT
Q 10YEAR/10AEP
(INFLOW BC | BL01)
POST-DEVELOPMENT EXTENT
SHEET 1

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4681
REV: A

NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
20	367.5	1.16	0.194	367.38	0.22
23	365.53	0.97	0.413	365.03	0.4
24	365.35	0.32	0.819	364.35	0.26
120	368.1	0.49	0.556	367.53	0.27
121	366.5	0.39	0.245	366.25	0.09
122	366.49	0.35	0.552	365.94	0.19
123	365.94	0.41	0.496	365.42	0.2
124	365.63	0.5	0.435	365.19	0.22
125	365.53	0.42	0.343	365.19	0.14



LEGEND

- Site Extent
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- ≤ 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO:
4048-0-4682

REV:
A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE

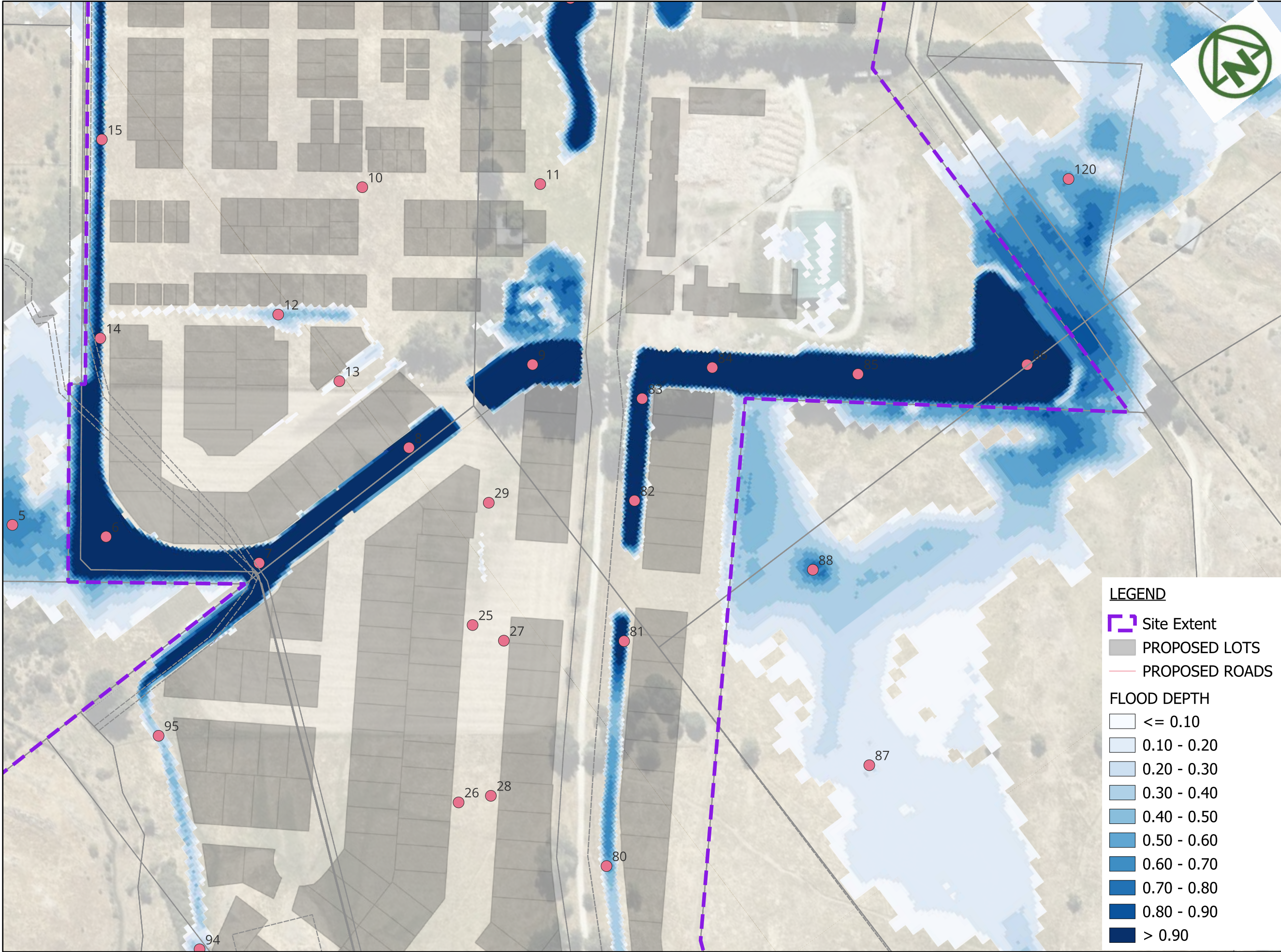


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RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER FLOOD EVENT
Q 10YEAR/10AEP
(INFLOW BC | BL01)
POST-DEVELOPMENT EXTENT
SHEET 2



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
5	368.51	0.35	0.65	367.86	0.23
6	368.49	0.21	1.348	367.14	0.28
7	368.44	0.43	1.513	366.92	0.66
8	368.4	0.57	2.548	365.85	1.44
9	368.32	0.31	3.237	365.08	1.02
10	NULL	NULL	NULL	369.15	NULL
11	NULL	NULL	NULL	368.79	NULL
12	369.47	0.09	0.418	368.96	0.04
13	369.38	0.06	0.068	369.27	0
14	368.53	0.49	1.023	367.43	0.5
15	368.77	0.83	0.689	367.73	0.57
25	NULL	NULL	NULL	369.43	NULL
26	NULL	NULL	NULL	370.27	NULL
27	NULL	NULL	NULL	369.58	NULL
28	NULL	NULL	NULL	370.16	NULL
29	NULL	NULL	NULL	369.12	NULL
80	369.56	1.01	0.464	369	0.47
81	368.71	0.73	1.185	367.5	0.87
82	368.29	0.6	1.469	366.81	0.88
83	368.28	0.69	1.562	366.71	1.08
84	368.27	0.31	3.766	364.5	1.16
85	368.26	0.31	3.758	364.5	1.17
86	368.26	0.12	3.756	364.5	0.44
87	368.99	0.59	0.196	368.79	0.12
88	368.31	0.18	0.689	367.42	0.12
94	375.43	1.08	0.408	375.02	0.44
95	369.22	1.87	0.336	368.75	0.63
120	368.1	0.49	0.556	367.53	0.27
122	366.49	0.35	0.552	365.94	0.19

LEGEND

- Site Extent
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4683
REV: A

REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
A	FIRST ISSUE	PK	SL	JK	09/02/2026



RIDGEBURN LTD

RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER FLOOD EVENT
Q 10YEAR/10AEP
(INFLOW BC | BL01)
POST-DEVELOPMENT EXTENT
SHEET 3



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
26	NULL	NULL	NULL	370.27	NULL
28	NULL	NULL	NULL	370.16	NULL
31	NULL	NULL	NULL	393.86	NULL
32	NULL	NULL	NULL	394.36	NULL
33	399.67	0.04	0.335	399.3	0.01
34	399.67	1.37	0.171	399.4	0.23
35	NULL	NULL	NULL	417.95	NULL
36	NULL	NULL	NULL	418.1	NULL
37	NULL	NULL	NULL	413.94	NULL
39	NULL	NULL	NULL	414.23	NULL
79	375.1	1.38	0.331	374.78	0.46
80	369.56	1.01	0.464	369	0.47
89	409.82	0.26	0.622	409.2	0.16
90	409.82	0.24	0.622	409.2	0.15
91	409.84	1.1	0.329	409.45	0.36
92	404.09	1.66	0.152	403.82	0.25
92	396.2	2.28	0.146	396.4	0.33
93	385.01	1.92	0.14	385.66	0.27
94	375.43	1.08	0.408	375.02	0.44
108	378.52	0.12	0.515	378	0.06
30	391.67	0.03	0.818	390.81	0.03

LEGEND

Site Extent

PROPOSED LOTS

PROPOSED ROADS

FLOOD DEPTH

<= 0.10

0.10 - 0.20

0.20 - 0.30

0.30 - 0.40

0.40 - 0.50

0.50 - 0.60

0.60 - 0.70

0.70 - 0.80

0.80 - 0.90

> 0.90

MAP PROJECTION:

NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

A		FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE	
PLOT DATE						



RIDGEBURN LTD

RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER FLOOD EVENT
Q 10YEAR/10AEP
(INFLOW BC | BL01)
POST-DEVELOPMENT EXTENT
SHEET 4

PURPOSE OF ISSUE:		RESOURCE CONSENT
SCALE:		1:2,500
DRAWING NO:	4048-0-4684	REV: A



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
31	NULL	NULL	NULL	393.86	NULL
32	NULL	NULL	NULL	394.36	NULL
33	399.67	0.04	0.335	399.3	0.01
34	399.67	1.37	0.171	399.4	0.23
62	NULL	NULL	NULL	388.03	NULL
72	NULL	NULL	NULL	383.24	NULL
76	375.67	0.39	0.451	375.06	0.18
78	373.8	0.82	0.388	373.22	0.32
79	375.1	1.38	0.331	374.78	0.46
92	404.09	1.66	0.152	403.82	0.25
92	396.2	2.28	0.146	396.4	0.33
93	385.01	1.92	0.14	385.66	0.27
108	378.52	0.12	0.515	378	0.06
30	391.67	0.03	0.818	390.81	0.03

LEGEND

- Site Extent
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- ≤ 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4685
REV: A

A		FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE	
PLOT DATE						



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RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER FLOOD EVENT
Q 10YEAR/10AEP
(INFLOW BC | BL01)
POST-DEVELOPMENT EXTENT
SHEET 5

LEGEND



Site Extent

■ PROPOSED LOTS

— PROPOSED ROADS

FLOOD DEPTH

$$\square \leq 0.10$$

0.10 - 0.20

0.20 - 0.30

0.30 - 0.40

0.40 - 0.50

0.50 - 0.60

0.60 - 0.70

0.70 - 0.80

0.80 - 0.90

 > 0.90



NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
41	NULL	NULL	NULL	411.75	NULL
42	NULL	NULL	NULL	411.67	NULL
43	NULL	NULL	NULL	411.64	NULL
44	NULL	NULL	NULL	411.23	NULL
45	NULL	NULL	NULL	410.51	NULL
46	NULL	NULL	NULL	410.32	NULL
47	NULL	NULL	NULL	409.53	NULL
48	NULL	NULL	NULL	409.24	NULL
49	NULL	NULL	NULL	408.69	NULL
50	NULL	NULL	NULL	408.68	NULL
51	NULL	NULL	NULL	406.67	NULL
52	NULL	NULL	NULL	406.5	NULL
53	NULL	NULL	NULL	406.05	NULL
54	NULL	NULL	NULL	405.6	NULL
58	NULL	NULL	NULL	385.33	NULL
59	NULL	NULL	NULL	385.44	NULL
60	NULL	NULL	NULL	384.09	NULL
61	NULL	NULL	NULL	393.65	NULL
62	NULL	NULL	NULL	388.03	NULL
63	NULL	NULL	NULL	383.42	NULL
66	NULL	NULL	NULL	383.67	NULL
65	NULL	NULL	NULL	383.37	NULL
67	NULL	NULL	NULL	383.48	NULL
68	NULL	NULL	NULL	383.63	NULL
69	NULL	NULL	NULL	384.18	NULL
70	NULL	NULL	NULL	383.95	NULL
71	NULL	NULL	NULL	383.77	NULL
74	NULL	NULL	NULL	383.88	NULL
64	NULL	NULL	NULL	383.54	NULL

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:

RESOURCE CONSENT

SCALE: 1:2,500

DRAWING NO: 4048-0-4686

A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE

PLOT DATE: ---- WWW.MCKENZIEANDCO.CO.NZ THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE.

CLIENT:

PROJECT:

TITLE:

STORMWATER FLOOD EVENT
Q 10YEAR/10AEP
(INFLOW BC | BL01)
POST-DEVELOPMENT EXTENT
SHEET 6

PURPOSE OF ISSUE:

RESOURCE CONSENT

SCALE:

1:2,500

DRAWING NO:

4048-0-4686

A



MCKENZIE & CO.

RIDGEBURN LTD

RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

NAME	Level (m)	Velocity (m/s)	Depth (m)	Terrain (m)	DXV
41	NULL	NULL	NULL	411.75	NULL
42	NULL	NULL	NULL	411.67	NULL
43	NULL	NULL	NULL	411.64	NULL
44	NULL	NULL	NULL	411.23	NULL
45	NULL	NULL	NULL	410.51	NULL
46	NULL	NULL	NULL	410.32	NULL
47	NULL	NULL	NULL	409.53	NULL
48	NULL	NULL	NULL	409.24	NULL
49	NULL	NULL	NULL	408.69	NULL
50	NULL	NULL	NULL	408.68	NULL
51	NULL	NULL	NULL	406.67	NULL
52	NULL	NULL	NULL	406.5	NULL
53	NULL	NULL	NULL	406.05	NULL
54	NULL	NULL	NULL	405.6	NULL
55	NULL	NULL	NULL	420.74	NULL
56	NULL	NULL	NULL	416.79	NULL
57	NULL	NULL	NULL	416.31	NULL
96	NULL	NULL	NULL	416.66	NULL
97	NULL	NULL	NULL	416.73	NULL
150	NULL	NULL	NULL	425	NULL
151	NULL	NULL	NULL	425	NULL
152	NULL	NULL	NULL	425	NULL
154	NULL	NULL	NULL	430	NULL



LEGEND

- Site Extent
- POINTS
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= 0.10
- 0.10 - 0.20
- 0.20 - 0.30
- 0.30 - 0.40
- 0.40 - 0.50
- 0.50 - 0.60
- 0.60 - 0.70
- 0.70 - 0.80
- 0.80 - 0.90
- > 0.90

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4687 REV: A

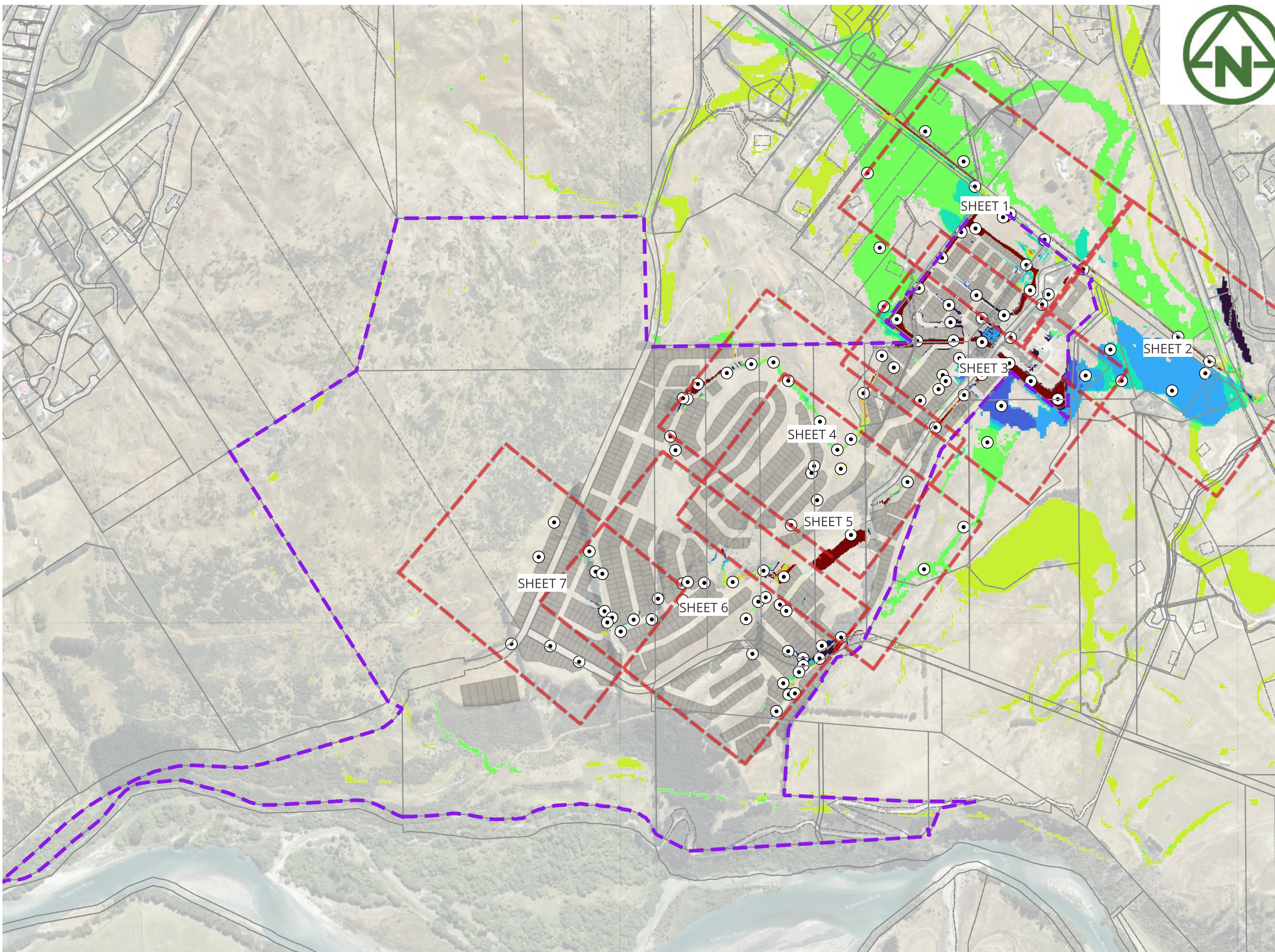
A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ	THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE.		



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122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER FLOOD EVENT
Q 10YEAR/10AEP
(INFLOW BC | BL01)
POST-DEVELOPMENT EXTENT
SHEET 7



 Site Extent
 CUTSHEET
 POINTS
 PROPOSED LOTS
 PROPOSED ROADS

	≤ -0.30
	$-0.30 - -0.22$
	$-0.22 - -0.15$
	$-0.15 - -0.07$
	$-0.07 - 0.00$
	$0.00 - 0.07$
	$0.07 - 0.15$
	$0.15 - 0.22$
	$0.22 - 0.30$
	> 0.30

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE: **RESOURCE CONSENT**

SCALE: 1:13,000

DRAWING NO: 4048-0-4690 REV: A

CLIENT:

PROJECT:

TITLE:

RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 100YEAR/1 AEP
PRE VS POST
OVERALL

PURPOSE OF ISSUE:

RESOURCE CONSENT

SCALE:

1:13,000

DRAWING NO:

O: 4048-0-4690

REV: A



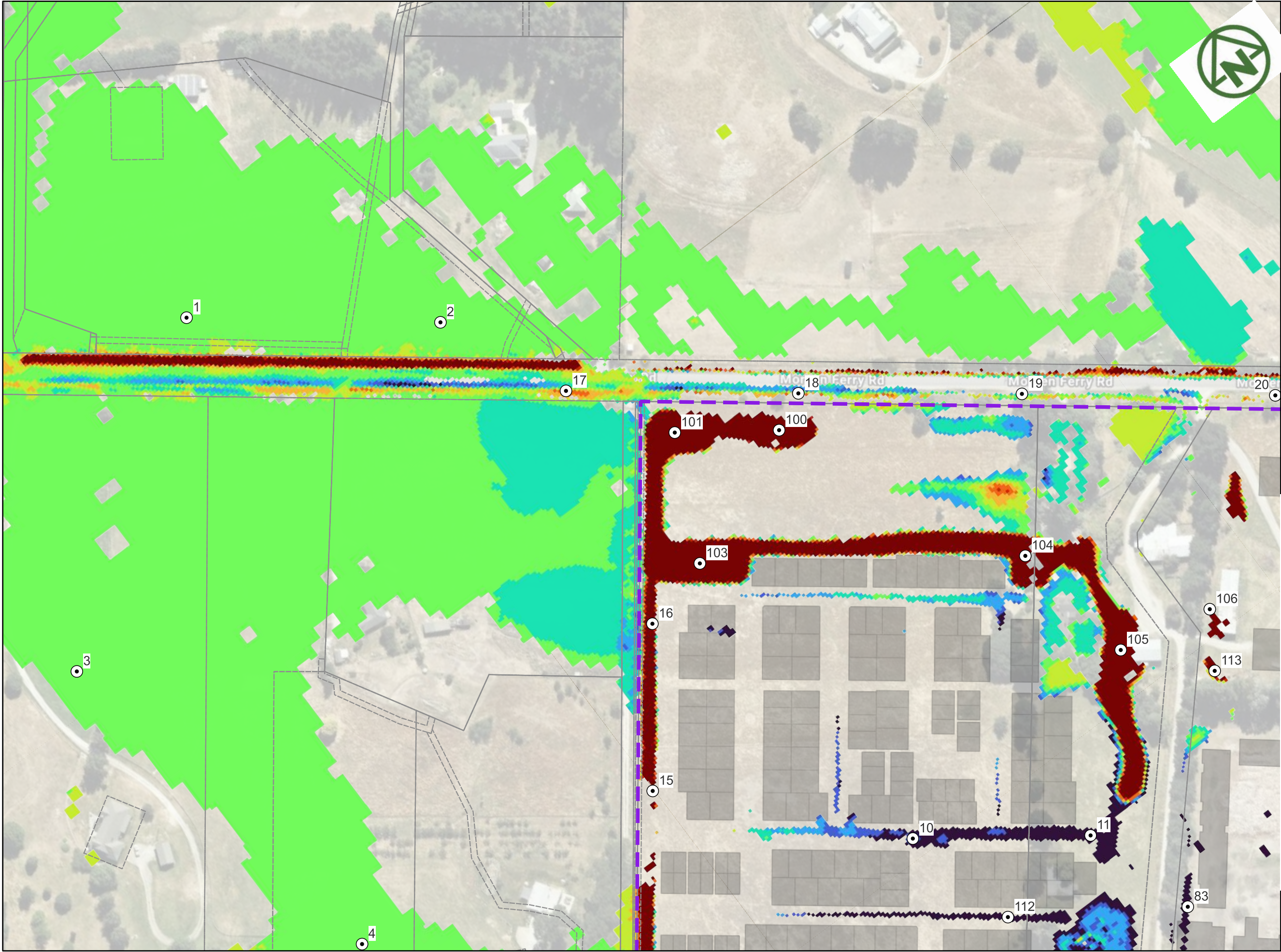
MCKENZIE & CO.

RIDGEBURN LTD

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE

WWW.MCKENZIEANDCO.CO.NZ

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NAME	Depth PRE	Depth POST	Difference
1	0.327	0.322	-0.005
2	0.268	0.263	-0.005
3	0.426	0.405	-0.021
4	0.317	0.287	-0.029
10	0.404	0.135	-0.269
11	0.729	0.121	-0.608
15	0.076	0.805	0.729
16	0.349	1.182	0.833
17	0.228	0.352	0.124
18	0.139	0.278	0.139
19	0.152	0.156	0.004
20	0.074	0.094	0.02
83	0.765	0.214	-0.551
100	0.128	1.509	1.381
101	0.199	1.509	1.31
103	0.189	1.493	1.304
104	0.236	1.15	0.914
105	0.252	0.963	0.711
106	NULL	0.789	NULL
112	0.658	0.067	-0.591
113	0.072	0.765	0.694

LEGEND

- Site Extent
- POINTS
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= -0.30
- 0.30 - -0.22
- 0.22 - -0.15
- 0.15 - -0.07
- 0.07 - 0.00
- 0.00 - 0.07
- 0.07 - 0.15
- 0.15 - 0.22
- 0.22 - 0.30
- > 0.30

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----				



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RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 100YEAR/ 1 AEP
PRE VS POST
SHEET 1

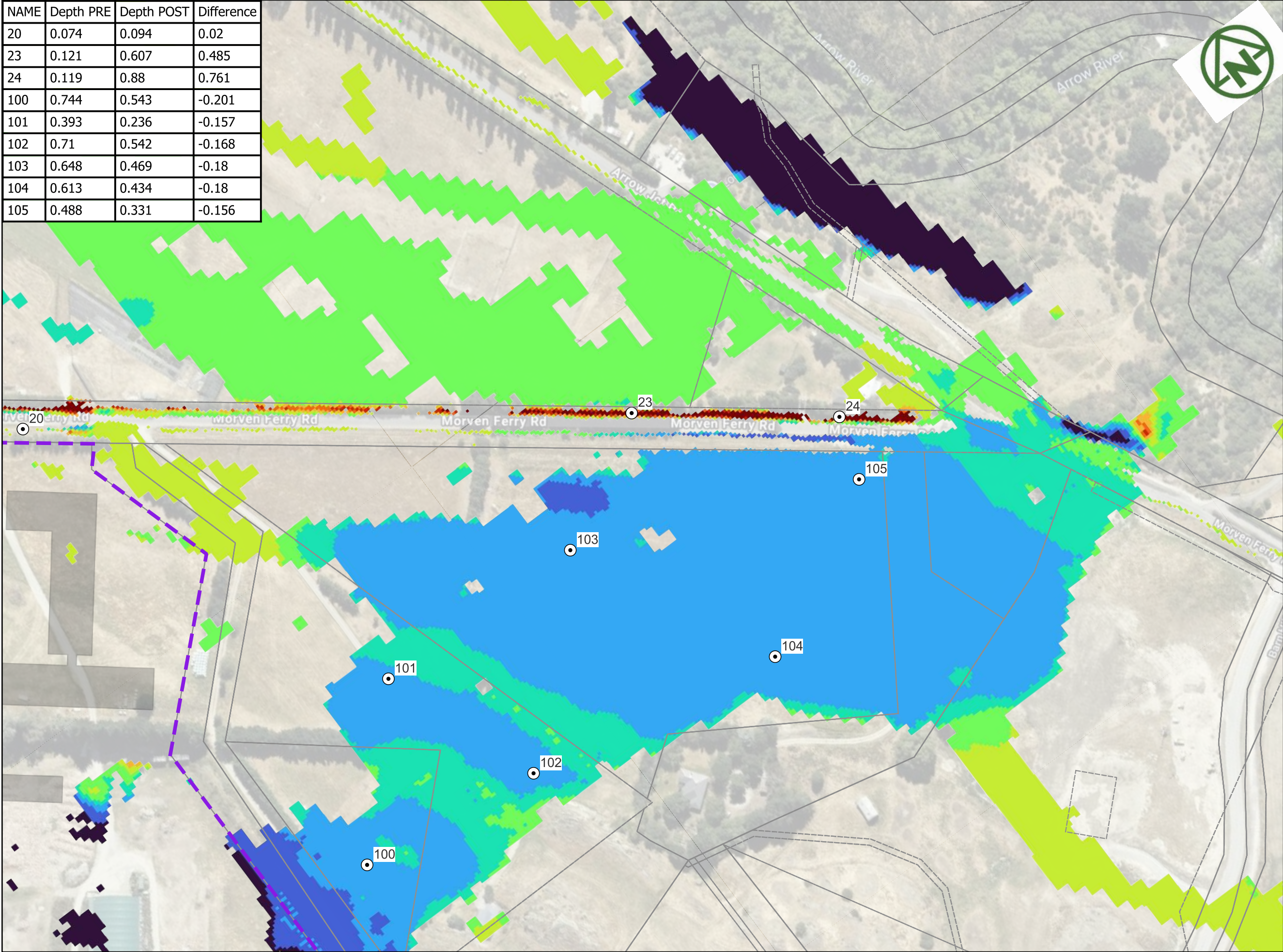
PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO:
4048-0-4691

REV:
A

NAME	Depth PRE	Depth POST	Difference
20	0.074	0.094	0.02
23	0.121	0.607	0.485
24	0.119	0.88	0.761
100	0.744	0.543	-0.201
101	0.393	0.236	-0.157
102	0.71	0.542	-0.168
103	0.648	0.469	-0.18
104	0.613	0.434	-0.18
105	0.488	0.331	-0.156



LEGEND

- Site Extent
- POINTS
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= -0.30
- 0.30 - -0.22
- 0.22 - -0.15
- 0.15 - -0.07
- 0.07 - 0.00
- 0.00 - 0.07
- 0.07 - 0.15
- 0.15 - 0.22
- 0.22 - 0.30
- > 0.30

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ	THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE.		



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ARROW JUNCTION
QUEENSTOWN

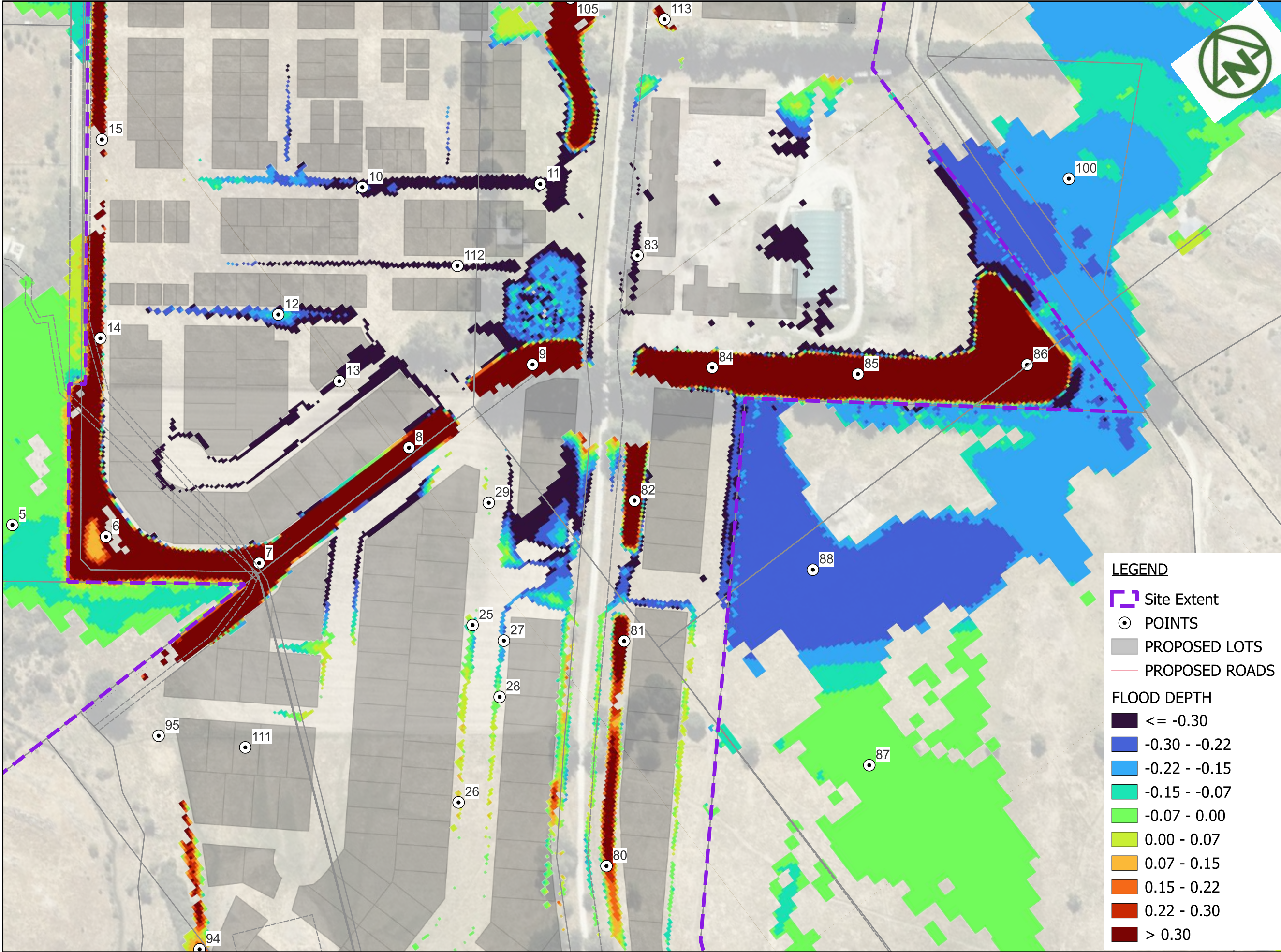
STORMWATER
FLOOD EVENT
Q 100 YEAR/1 AEP
PRE VS POST
SHEET 2

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO:
4048-0-4692

REV:
A



NAME	Depth PRE	Depth POST	Difference
5	0.826	0.753	-0.074
6	0.737	1.453	0.716
7	0.295	1.603	1.307
8	0.945	2.617	1.672
9	0.601	3.264	2.664
10	0.404	0.135	-0.269
11	0.729	0.121	-0.608
12	0.536	0.388	-0.148
13	0.714	0.089	-0.625
14	0.358	1.127	0.769
15	0.076	0.805	0.729
25	0.175	0.118	-0.057
26	0.052	0.117	0.065
27	0.261	0.076	-0.185
28	0.134	NULL	NULL
29	0.083	0.079	-0.004
80	0.139	0.372	0.232
81	0.13	0.92	0.79
82	0.438	1.455	1.017
83	0.765	0.214	-0.551
84	0.593	3.75	3.157
85	0.872	3.742	2.869
86	0.723	3.739	3.016
87	0.178	0.144	-0.034
88	0.892	0.638	-0.253
94	0.296	0.483	0.187
95	NULL	0.448	NULL
111	0.367	NULL	NULL
112	0.658	0.067	-0.591
113	0.072	0.765	0.694
100	0.744	0.543	-0.201
102	0.71	0.542	-0.168

LEGEND

- Site Extent
- POINTS
- PROPOSED LOTS
- PROPOSED ROADS

- FLOOD DEPTH
- <= -0.30
 - 0.30 - -0.22
 - 0.22 - -0.15
 - 0.15 - -0.07
 - 0.07 - 0.00
 - 0.00 - 0.07
 - 0.07 - 0.15
 - 0.15 - 0.22
 - 0.22 - 0.30
 - > 0.30

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO:
4048-0-4693

REV:
A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ	THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE.		



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QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 100 YEAR/1 AEP
PRE VS POST
SHEET 3



NAME	Depth PRE	Depth POST	Difference
26	0.052	0.117	0.065
31	NULL	0.204	NULL
32	NULL	0.182	NULL
33	NULL	0.303	NULL
34	NULL	0.133	NULL
35	0.28	0.328	0.048
36	0.101	0.13	0.029
37	0.374	0.22	-0.154
39	0.047	0.176	0.129
79	0.251	0.275	0.024
80	0.139	0.372	0.232
89	NULL	2.805	NULL
90	NULL	2.803	NULL
91	0.41	0.36	-0.05
92	0.217	0.161	-0.056
92	0.183	0.147	-0.036
93	0.241	0.19	-0.051
94	0.296	0.483	0.187
108	0.218	3.944	3.726
30	0.732	0.822	0.09

LEGEND

Site Extent

POINT

PROPOSED LOTS

PROPOSED ROADS

FLOOD DEPTH

<= -0.30

-0.30 - -0.22

-0.22 - -0.15

-0.15 - -0.07

-0.07 - 0.00

0.00 - 0.07

0.07 - 0.15

0.15 - 0.22

0.22 - 0.30

> 0.30

MAP PROJECTION:

NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

A	FIRST ISSUE	PK	SL	JK 09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP BY DATE
PLOT DATE -----				

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ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 200YEAR/0.5AEP
PRE VS POST
SHEET 4

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4694
REV: A



NAME	Depth PRE	Depth POST	Difference
31	NULL	0.204	NULL
32	NULL	0.182	NULL
33	NULL	0.303	NULL
34	NULL	0.133	NULL
35	0.28	0.328	0.048
62	0.153	0.139	-0.015
72	0.464	0.134	-0.33
76	0.486	0.456	-0.03
78	0.292	0.257	-0.035
79	0.251	0.275	0.024
92	0.217	0.161	-0.056
92	0.183	0.147	-0.036
93	0.241	0.19	-0.051
108	0.218	3.944	3.726
30	0.732	0.822	0.09
114	0.086	1.299	1.213

LEGEND

- Site Extent
- POINTS
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= -0.30
- 0.30 - -0.22
- 0.22 - -0.15
- 0.15 - -0.07
- 0.07 - 0.00
- 0.00 - 0.07
- 0.07 - 0.15
- 0.15 - 0.22
- 0.22 - 0.30
- > 0.30

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4695
REV: A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ			



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ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 200YEAR/0.5AEP
PRE VS POST
SHEET 5

LEGEND

- Site Extent
- POINTS
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- <= -0.30
- 0.30 - -0.22
- 0.22 - -0.15
- 0.15 - -0.07
- 0.07 - 0.00
- 0.00 - 0.07
- 0.07 - 0.15
- 0.15 - 0.22
- 0.22 - 0.30
- > 0.30



NAME	Depth PRE	Depth POST	Difference
41	0.101	0.281	0.18
42	0.078	0.196	0.118
43	0.091	0.132	0.041
44	0.07	0.192	0.121
45	0.162	0.112	-0.05
46	0.064	0.182	0.119
47	NULL	0.273	NULL
48	0.167	0.049	-0.118
49	NULL	0.272	NULL
50	0.764	0.082	-0.682
51	NULL	0.173	NULL
52	0.167	0.228	0.061
53	1.647	0.127	-1.519
54	NULL	0.143	NULL
58	0.16	0.31	0.149
59	0.188	0.136	-0.052
60	0.049	0.12	0.072
61	0.252	0.363	0.11
62	0.153	0.139	-0.015
63	0.238	0.288	0.05
66	0.247	0.133	-0.114
65	0.792	0.209	-0.583
67	0.6	0.315	-0.285
68	0.478	0.278	-0.2
69	0.086	0.067	-0.019
70	0.068	0.198	0.13
71	0.274	0.166	-0.108
64	0.159	0.141	-0.018
114	0.086	1.299	1.213

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO:
4048-0-4696

REV:
A

A FIRST ISSUE PK SL JK 09/02/2026
REV DESCRIPTION DRN BYCHK BY APP BY DATE



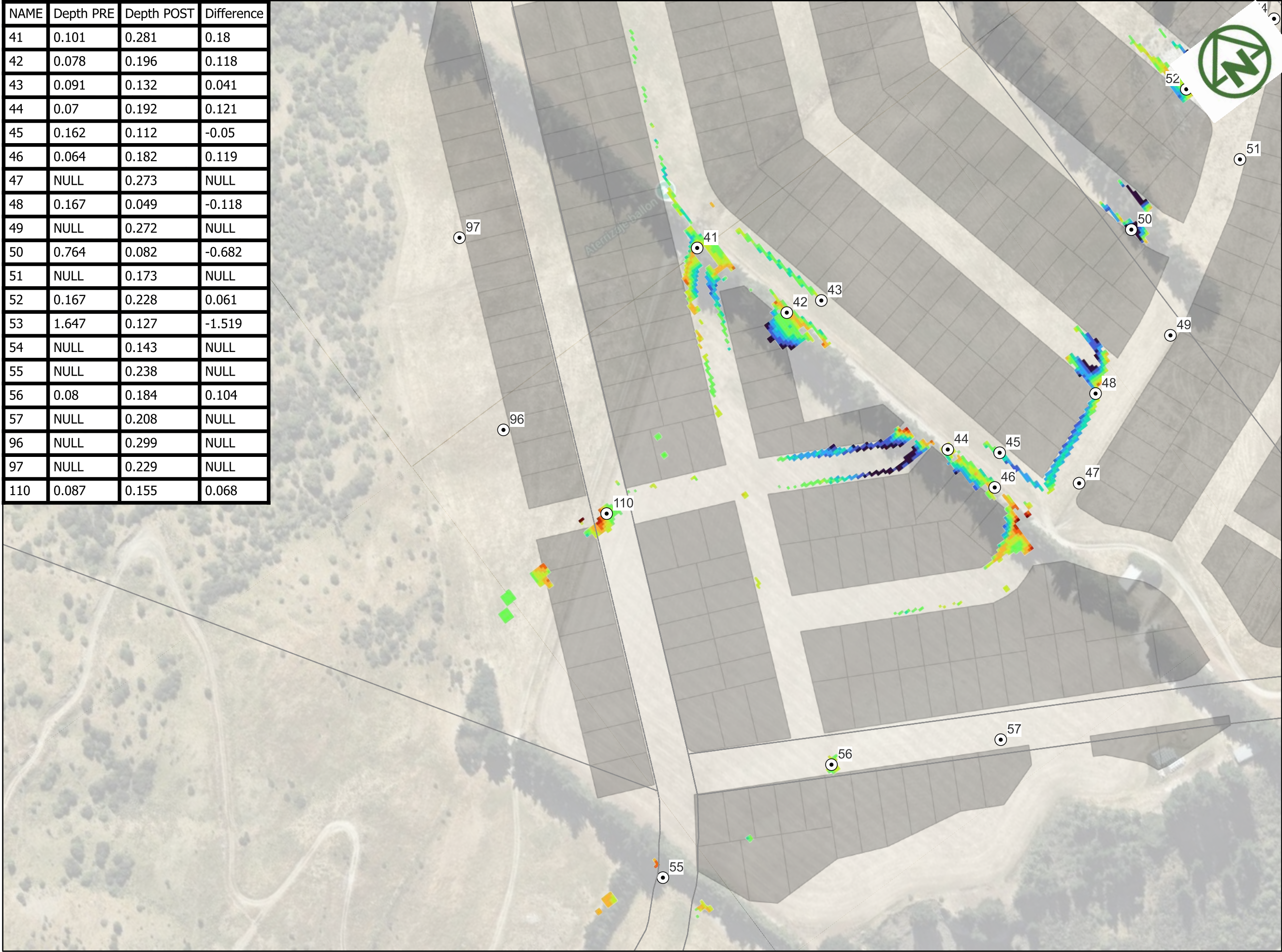
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RIDGEBURN
122 MORVEN FERRY ROAD
ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 100YEAR/1AEP
PRE VS POST
SHEET 6

NAME	Depth PRE	Depth POST	Difference
41	0.101	0.281	0.18
42	0.078	0.196	0.118
43	0.091	0.132	0.041
44	0.07	0.192	0.121
45	0.162	0.112	-0.05
46	0.064	0.182	0.119
47	NULL	0.273	NULL
48	0.167	0.049	-0.118
49	NULL	0.272	NULL
50	0.764	0.082	-0.682
51	NULL	0.173	NULL
52	0.167	0.228	0.061
53	1.647	0.127	-1.519
54	NULL	0.143	NULL
55	NULL	0.238	NULL
56	0.08	0.184	0.104
57	NULL	0.208	NULL
96	NULL	0.299	NULL
97	NULL	0.229	NULL
110	0.087	0.155	0.068



LEGEND

- Site Extent
- POINTS
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- ≤ -0.30
- 0.30 - -0.22
- 0.22 - -0.15
- 0.15 - -0.07
- 0.07 - 0.00
- 0.00 - 0.07
- 0.07 - 0.15
- 0.15 - 0.22
- 0.22 - 0.30
- > 0.30

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:2,500

DRAWING NO: 4048-0-4697
REV: A

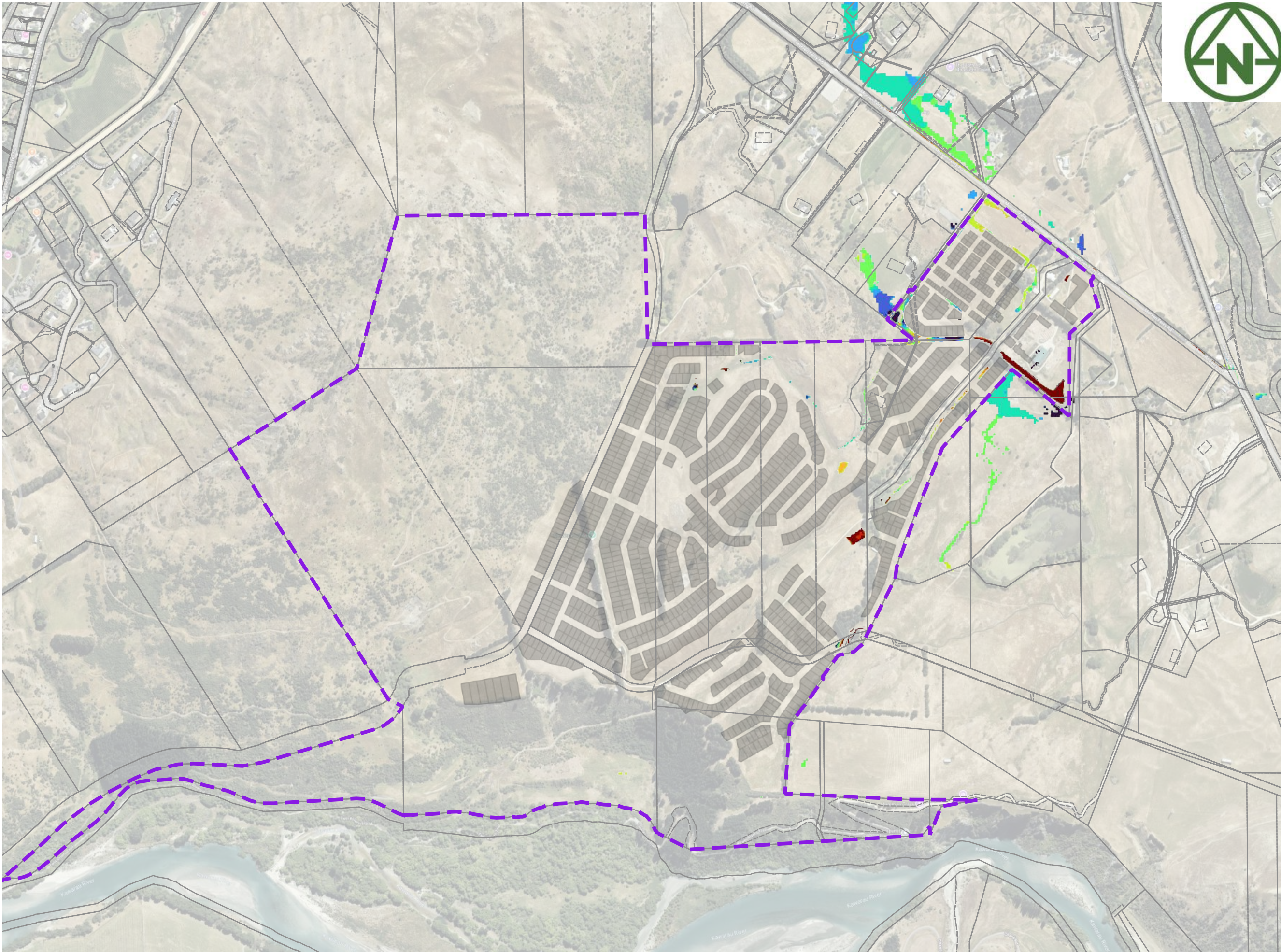
A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ	THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE.		



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STORMWATER
FLOOD EVENT
Q 100YEAR/1AEP
PRE VS POST
SHEET 7



LEGEND

- Site Extent
- POINTS
- PROPOSED LOTS
- PROPOSED ROADS

FLOOD DEPTH

- ≤ -0.30
- 0.30 - -0.22
- 0.22 - -0.15
- 0.15 - -0.07
- 0.07 - 0.00
- 0.00 - 0.07
- 0.07 - 0.15
- 0.15 - 0.22
- 0.22 - 0.30
- > 0.30

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:13,000

DRAWING NO:
4048-0-4698

REV:
A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE
PLOT DATE	----	WWW.MCKENZIEANDCO.CO.NZ	THIS DRAWING IS SOLELY FOR USE BY THE CLIENT ON THIS PROJECT ONLY. NO LIABILITY IS ACCEPTED IN ITS USE BY ANY OTHER ENTITY OR FOR ANY OTHER PURPOSE.		

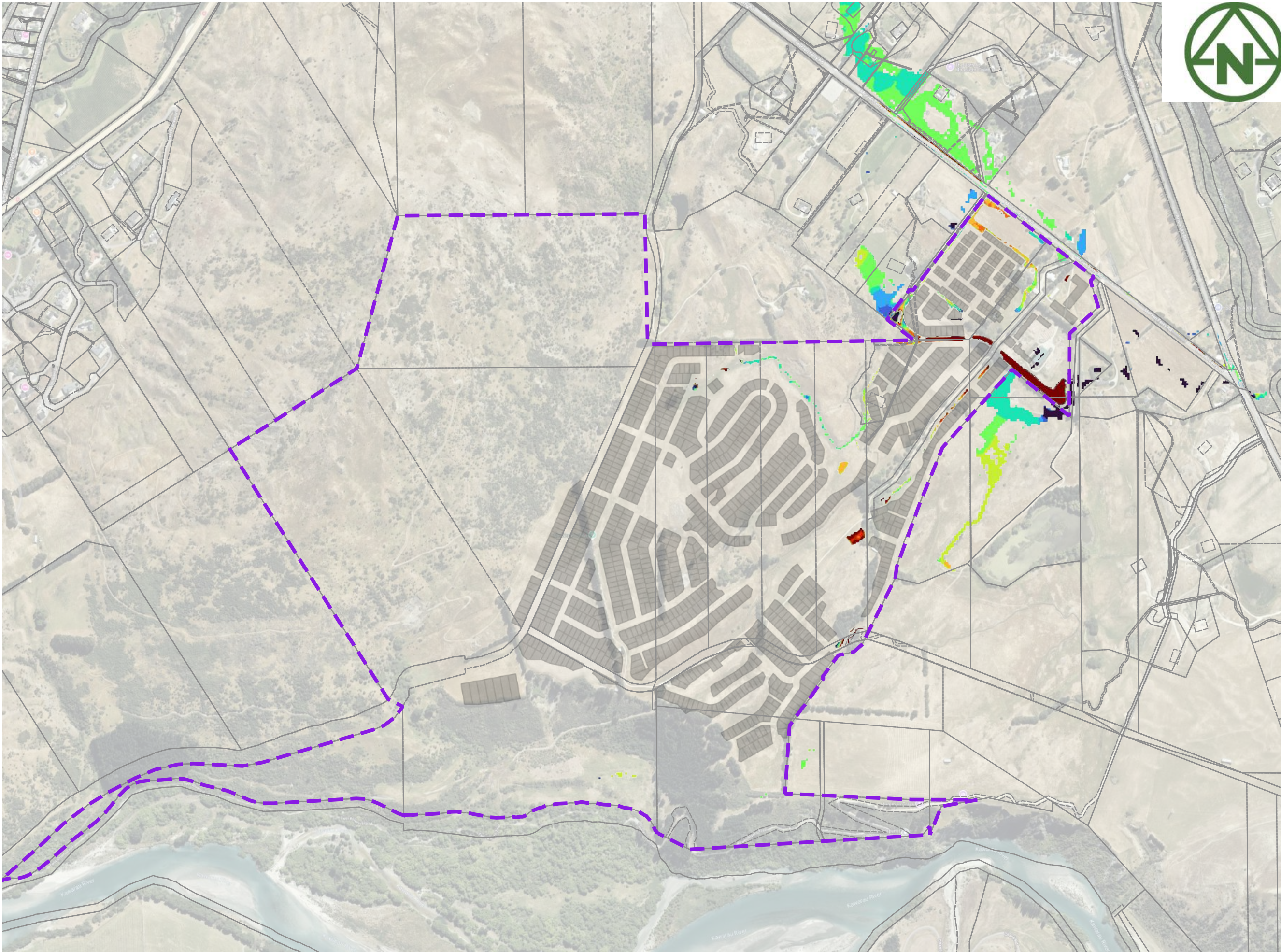


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ARROW JUNCTION
QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 2 YEAR/50 AEP
PRE VS POST



- LEGEND**
- Site Extent
 - POINTS
 - PROPOSED LOTS
 - PROPOSED ROADS
- FLOOD DEPTH**
- ≤ -0.30
 - $-0.30 - -0.22$
 - $-0.22 - -0.15$
 - $-0.15 - -0.07$
 - $-0.07 - 0.00$
 - $0.00 - 0.07$
 - $0.07 - 0.15$
 - $0.15 - 0.22$
 - $0.22 - 0.30$
 - > 0.30

MAP PROJECTION:
NZGD2000 / Mount Nicholas 2000
(EPSG:2128)

PURPOSE OF ISSUE:
RESOURCE CONSENT

SCALE:
1:13,000

DRAWING NO:
4048-0-4699

REV:
A

A	FIRST ISSUE	PK	SL	JK	09/02/2026
REV	DESCRIPTION	DRN	BYCHK	BY APP	BY DATE



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QUEENSTOWN

STORMWATER
FLOOD EVENT
Q 10 YEAR/10 AEP
PRE VS POST