

PLAN SET 6

PLAN AND LONG SECTION

EAST WEST LINK DRAWING REGISTER							EAST WEST LINK DRAWING REGISTER								
DWG NUMBER	DRAWING TITLE	CURRENT REVISION	DATE AND REVISION					DWG NUMBER	DRAWING TITLE	CURRENT REVISION	DATE AND REVISION				
			1/12/2016	14/12/2016	7/04/2017	23/05/2017	27/06/2017				1/12/2016	14/12/2016	7/04/2017	23/05/2017	27/06/2017
AEE-C-001	ROAD ALIGNMENT - EAST WEST LINK - PLAN AND LONG SECTION - DRAWING INDEX	2	0	1		2	AEE-C-252	ROAD ALIGNMENT - PRINCES STREET INTERCHANGE - PLAN AND LONG SECTION - MC50 - SHEET 1	1	0			1		
AEE-C-201	ROAD ALIGNMENT - PLAN AND LONG SECTION - OVERALL ALIGNMENT - MC00 - SHEET 1	1	0			1	AEE-C-253	ROAD ALIGNMENT - PRINCES STREET INTERCHANGE - PLAN AND LONG SECTION - MC50 - SHEET 2	1	0			1		
AEE-C-202	ROAD ALIGNMENT - PLAN AND LONG SECTION - OVERALL ALIGNMENT - MC00 - SHEET 2	1	0			1	AEE-C-254	ROAD ALIGNMENT - PRINCES STREET INTERCHANGE - PLAN AND LONG SECTION - MCA0	1	0			1		
AEE-C-203	ROAD ALIGNMENT - PLAN AND LONG SECTION - OVERALL ALIGNMENT - MC00 - SHEET 3	1	0			1	AEE-C-255	ROAD ALIGNMENT - PRINCES STREET INTERCHANGE - PLAN AND LONG SECTION - MCB0	1	0			1		
AEE-C-204	ROAD ALIGNMENT - PLAN AND LONG SECTION - OVERALL ALIGNMENT - MC00 - SHEET 4	1	0			1	AEE-C-256	ROAD ALIGNMENT - PRINCES STREET INTERCHANGE - PLAN AND LONG SECTION - MCE0	1	0			1		
AEE-C-205	ROAD ALIGNMENT - PLAN AND LONG SECTION - OVERALL ALIGNMENT - MC00 - SHEET 5	1	0			1	AEE-C-257	ROAD ALIGNMENT - PRINCES STREET INTERCHANGE - PLAN AND LONG SECTION - MCF0	1	0			1		
AEE-C-206	ROAD ALIGNMENT - PLAN AND LONG SECTION - OVERALL ALIGNMENT - MC00 - SHEET 6	1	0			1	AEE-C-261	ROAD ALIGNMENT - NEILSON STREET INTERCHANGE - PLAN AND LONG SECTION - MCA0	1	0			1		
AEE-C-207	ROAD ALIGNMENT - PLAN AND LONG SECTION - OVERALL ALIGNMENT - MC00 - SHEET 7	2	0	1		2	AEE-C-262	ROAD ALIGNMENT - NEILSON STREET INTERCHANGE - PLAN AND LONG SECTION - MCB0 - SHEET 1	1	0			1		
AEE-C-208	ROAD ALIGNMENT - PLAN AND LONG SECTION - OVERALL ALIGNMENT - MC00 - SHEET 8	2	0	1		2	AEE-C-263	ROAD ALIGNMENT - NEILSON STREET INTERCHANGE - PLAN AND LONG SECTION - MCB0 - SHEET 2	1	0			1		
AEE-C-209	ROAD ALIGNMENT - PLAN AND LONG SECTION - OVERALL ALIGNMENT - MC00 - SHEET 9	2	0	1		2	AEE-C-264	ROAD ALIGNMENT - NEILSON STREET INTERCHANGE - PLAN AND LONG SECTION - MCC0	1	0			1		
AEE-C-210	ROAD ALIGNMENT - PLAN AND LONG SECTION - OVERALL ALIGNMENT - MC00 - SHEET 10	1	0			1	AEE-C-266	ROAD ALIGNMENT - NEILSON STREET INTERCHANGE - PLAN AND LONG SECTION - MCD0 - SHEET 1	1	0			1		
AEE-C-211	ROAD ALIGNMENT - PLAN AND LONG SECTION - OVERALL ALIGNMENT - MC00 - SHEET 11	1	0			1	AEE-C-267	ROAD ALIGNMENT - NEILSON STREET INTERCHANGE - PLAN AND LONG SECTION - MCD0 - SHEET 2	1	0			1		
AEE-C-212	ROAD ALIGNMENT - PLAN AND LONG SECTION - OVERALL ALIGNMENT - MC00 - SHEET 12	1	0			1	AEE-C-268	ROAD ALIGNMENT - NEILSON STREET INTERCHANGE - PLAN AND LONG SECTION - MCE0 - SHEET 1	1	0			1		
AEE-C-213	ROAD ALIGNMENT - PLAN AND LONG SECTION - OVERALL ALIGNMENT - MC00 - SHEET 13	1	0			1	AEE-C-269	ROAD ALIGNMENT - NEILSON STREET INTERCHANGE - PLAN AND LONG SECTION - MCE0 - SHEET 2	1	0			1		
AEE-C-214	ROAD ALIGNMENT - PLAN AND LONG SECTION - OVERALL ALIGNMENT - MC00 - SHEET 14	1	0			1	AEE-C-270	ROAD ALIGNMENT - NEILSON STREET INTERCHANGE - PLAN AND LONG SECTION - MCH0 - SHEET 1	1	0			1		
AEE-C-231	ROAD ALIGNMENT - CAPTAIN SPRINGS - PLAN AND LONG SECTION - MCP0 - SHEET 1	1	0			1	AEE-C-271	ROAD ALIGNMENT - NEILSON STREET INTERCHANGE - PLAN AND LONG SECTION - MCH0 - SHEET 2	1	0			1		
AEE-C-232	ROAD ALIGNMENT - CAPTAIN SPRINGS - PLAN AND LONG SECTION - MCP0 - SHEET 2	1	0			1	AEE-C-272	ROAD ALIGNMENT - GALWAY LINK - PLAN AND LONG SECTION - MCJ0	1	0			1		
AEE-C-233	ROAD ALIGNMENT - PORTS LINK - PLAN AND LONG SECTION - MCR0 - SHEET 1	1	0			1	AEE-C-277	ROAD ALIGNMENT - ONEHUNGA MALL - PLAN AND LONG SECTION - MC30 - SHEET 1	1	0			1		
AEE-C-234	ROAD ALIGNMENT - PORTS LINK - PLAN AND LONG SECTION - MCR0 - SHEET 2	1	0			1	AEE-C-278	ROAD ALIGNMENT - ONEHUNGA HARBOUR ROAD - PLAN AND LONG SECTION - MC30 - SHEET 2	1	0			1		
AEE-C-241	ROAD ALIGNMENT - SYLVIA PARK NB OFF RAMP - PLAN AND LONG SECTION - MC00 - SHEET 1	2	0	1		2	AEE-C-279	ROAD ALIGNMENT - ONEHUNGA HARBOUR ROAD - PLAN AND LONG SECTION - MC30 - SHEET 3	1	0			1		
AEE-C-242	ROAD ALIGNMENT - SYLVIA PARK NB OFF RAMP - PLAN AND LONG SECTION - MC00 - SHEET 2	2	0	1		2	AEE-C-280	ROAD ALIGNMENT - ORPHEUS DRIVE - PLAN AND LONG SECTION - MC50 - SHEET 1	1	0			1		
AEE-C-243	ROAD ALIGNMENT - SYLVIA PARK NB OFF RAMP - PLAN AND LONG SECTION - MC00 - SHEET 3	2	0	1		2	AEE-C-281	ROAD ALIGNMENT - ORPHEUS DRIVE - PLAN AND LONG SECTION - MC50 - SHEET 2	1	0			1		
AEE-C-245	ROAD ALIGNMENT - MT WELLINGTON OFF RAMP - PLAN AND LONG SECTION - MCK0 - SHEET 1	1	0			1	AEE-C-282	ROAD ALIGNMENT - ORPHEUS DRIVE - PLAN AND LONG SECTION - MC50 - SHEET 3	1	0			1		
AEE-C-246	ROAD ALIGNMENT - MT WELLINGTON OFF RAMP - PLAN AND LONG SECTION - MCK0 - SHEET 2	1	0			1	AEE-C-285	ROAD ALIGNMENT - EWL/GREAT SOUTH ROAD EB CONNECTION - PLAN AND LONG SECTION - MC30 - SHEET 1	1	0			1		
AEE-C-247	ROAD ALIGNMENT - MT WELLINGTON OFF RAMP - PLAN AND LONG SECTION - MCK0 - SHEET 3	1	0			1	AEE-C-286	ROAD ALIGNMENT - EWL/GREAT SOUTH ROAD EB CONNECTION - PLAN AND LONG SECTION - MC30 - SHEET 2	1	0			1		
AEE-C-251	ROAD ALIGNMENT - PRINCES STREET INTERCHANGE - PLAN AND LONG SECTION - MC40	1	0			1	AEE-C-287	ROAD ALIGNMENT - EWL/GREAT SOUTH ROAD WB CONNECTION - PLAN AND LONG SECTION - MC40 - SHEET 1	1	0			1		
AEE-C-252	ROAD ALIGNMENT - PRINCES STREET INTERCHANGE - PLAN AND LONG SECTION - MC50 - SHEET 1	1	0			1	AEE-C-288	ROAD ALIGNMENT - EWL/GREAT SOUTH ROAD WB CONNECTION - PLAN AND LONG SECTION - MC40 - SHEET 2	1	0			1		

LEGEND: PLAN AND LONG SECTION

PROPOSED FEATURES

- CUT SLOPES
- ROAD ALIGNMENT
- FILL SLOPES
- BRIDGE STRUCTURE
- STORMWATER FOREBAY/ WETLAND AND BIOFILTRATION AREA
- RETAINING WALL
- NOISE WALL
- DESIGNATION BOUNDARY

EXISTING FEATURES

- PROPERTY BOUNDARY
- EXISTING COASTAL MARINE BOUNDARY

PLAN AND LONG SECTION, REFER TO DRAWINGS AEE-C-200 SERIES

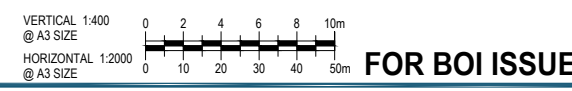
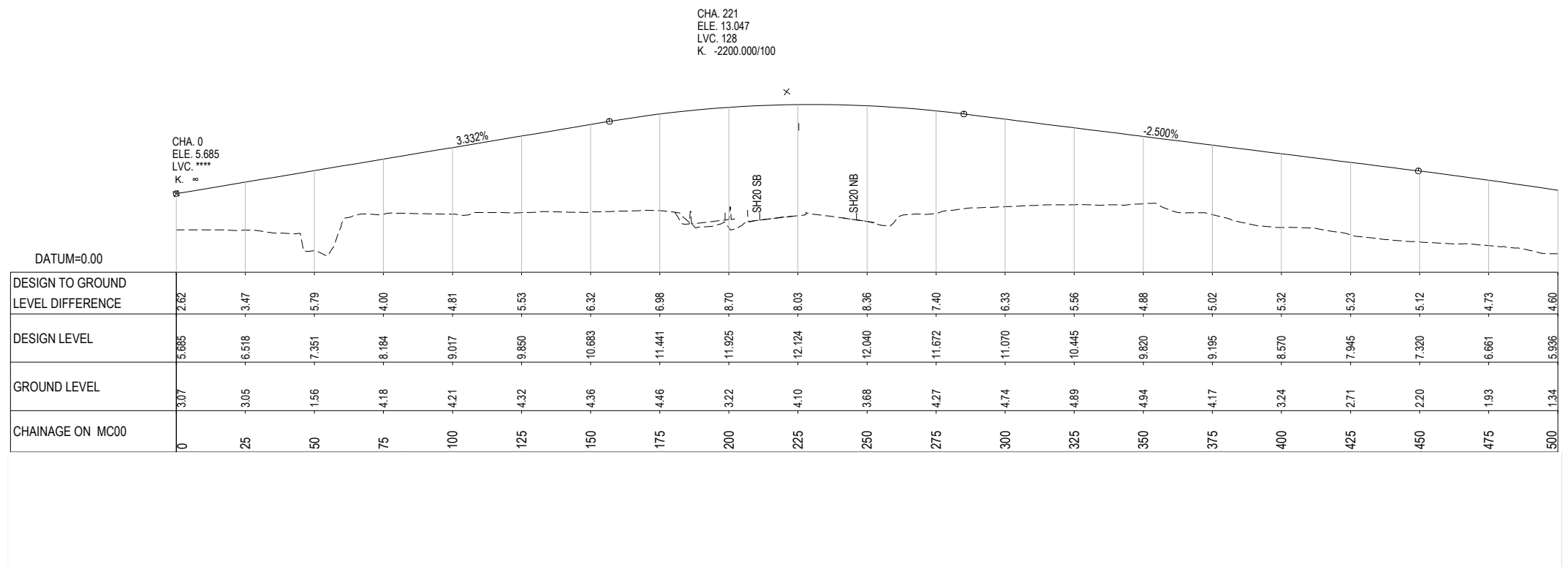
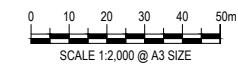
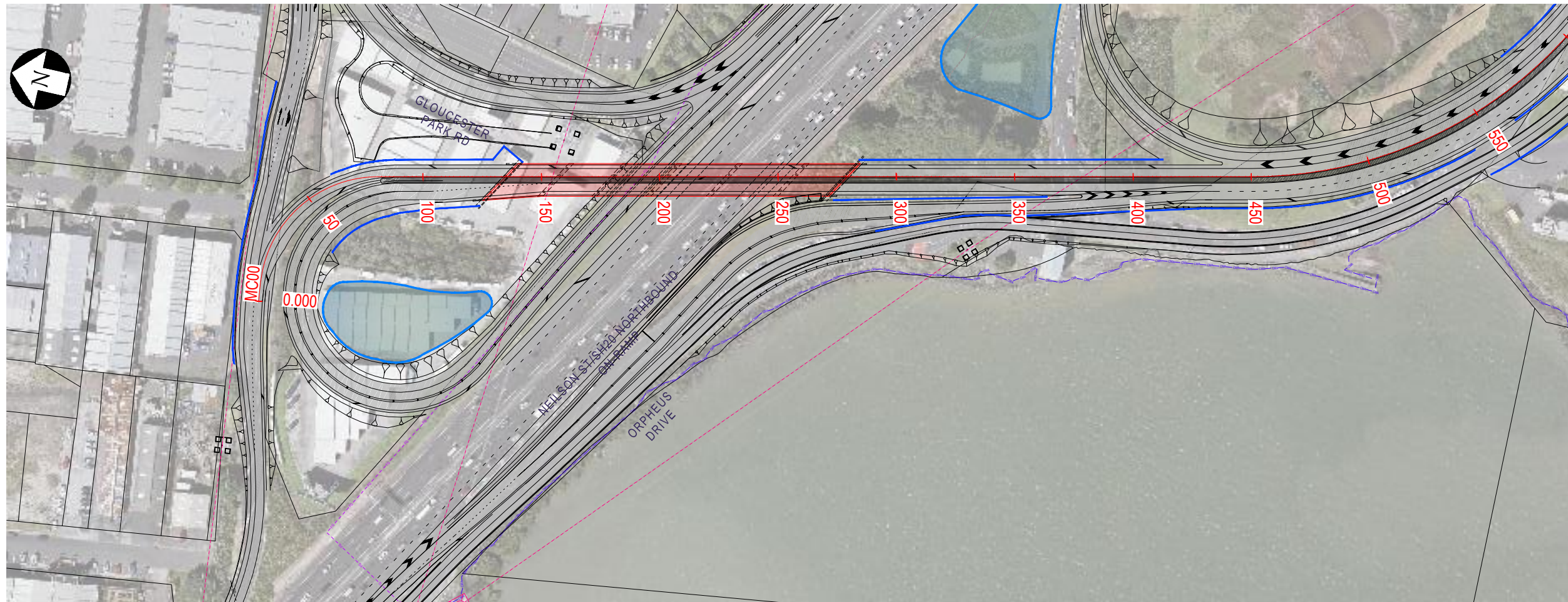
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1	ISSUED FOR CONSENT - GSR GRADE SEPARATION	AR	NN*	PK*	14.12.2016
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016
No.	Issued Status	Drawn	Check'd	App'd	Date

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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)		Reduced Scale (A3)	AS SHOWN
Contract No PA4014			

Drawing Title PLAN AND LONG SECTION MC00 SHEET 01 OF 14	Rev No. 2
Drawing Number AEE-C-001	

FOR BOI ISSUE



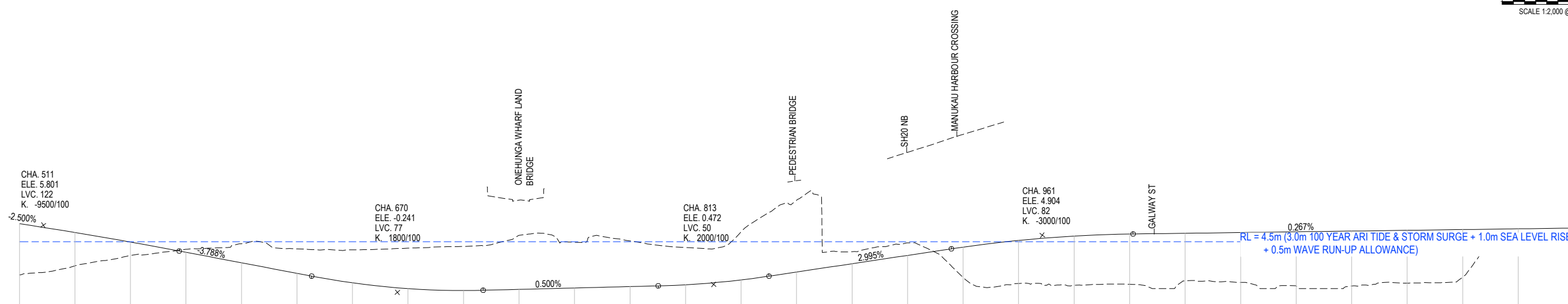
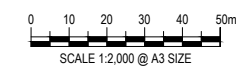
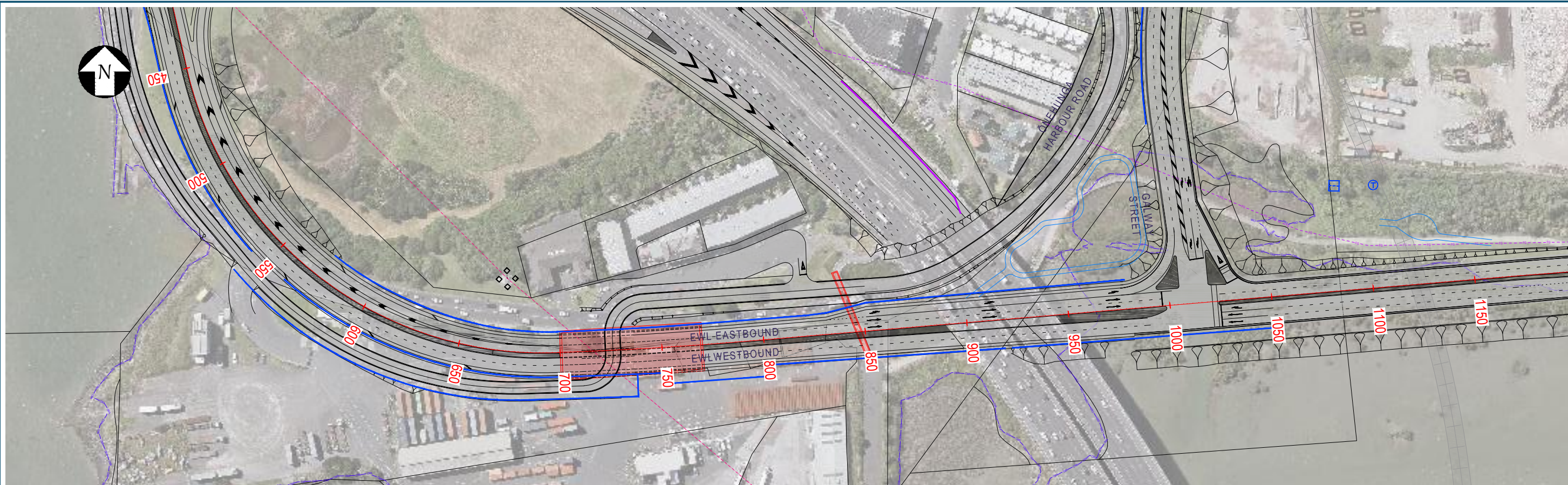
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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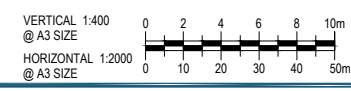


Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	R TAN	Design Check	J MURAHIDY		27.06.17		27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION		
	MC00		
	SHEET 01 OF 14		
Drawing Number	AEE-C-201	Rev No.	1



CHAINAGE ON MC00	500	525	550	575	600	625	650	675	700	725	750	775	800	825	850	875	900	925	950	975	1000	1025	1050	1075	1100	1125	1150	1175	1200
DESIGN TO GROUND LEVEL DIFFERENCE	4.60	-3.00	-1.21	-0.27	-1.72	-2.20	-2.98	-3.63	-3.96	-4.86	-4.11	-4.10	-3.35	-4.32	-6.45	-1.08	-1.12	-2.73	-3.88	-4.42	-4.52	-4.28	-4.48	-4.85	-4.94	-4.75	-4.27	-2.07	1.77
DESIGN LEVEL	5.936	-5.145	-4.289	-3.367	-2.420	-1.473	-0.619	-0.101	-0.070	-0.033	-0.158	-0.284	-0.446	-0.881	-1.591	-2.339	-3.088	-3.832	-4.432	-4.825	-5.009	-5.076	-5.142	-5.209	-5.276	-5.343	-5.409	-5.476	5.543
GROUND LEVEL	1.34	-2.14	-3.08	-3.63	-4.14	-3.68	-3.60	-3.73	-3.89	-4.90	-4.27	-4.38	-3.80	-5.20	-8.04	-3.42	-4.21	-1.10	-0.55	-0.40	-0.49	-0.80	-0.66	-0.36	-0.34	-0.59	-1.13	-3.41	3.77



FOR BOI ISSUE

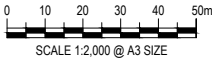
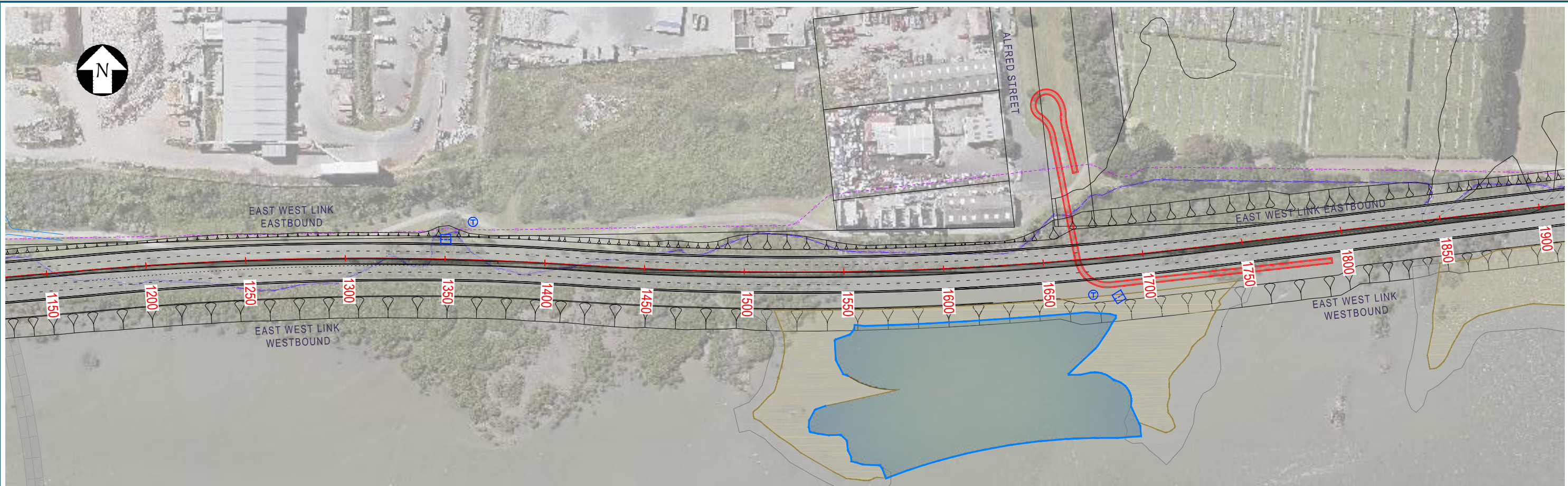
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0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Designed	R TAN	Design Check	J MURAHIDY		27.06.17		27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

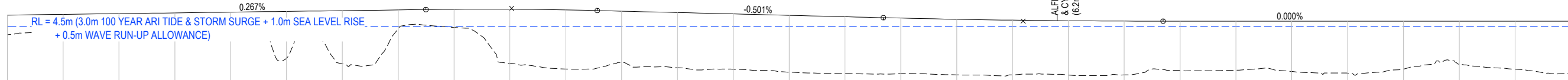
Drawing Title	PLAN AND LONG SECTION MC00 SHEET 02 OF 14		
Drawing Number	AEE-C-202	Rev No.	1



CHA. 1426
ELE. 6.146
LVC. 77
K. -10000/100

CHA. 1655
ELE. 4.999
LVC. 125
K. 25000/100

ALFRED STREET PEDESTRIAN
& CYCLING BRIDGE
(6.2m CLEARANCE TO EWL)



CHAINAGE ON MC00	GROUND LEVEL	DESIGN LEVEL	DESIGN TO GROUND LEVEL DIFFERENCE
1200	-3.77	-5.543	1.77
1225	-4.09	-5.610	1.52
1250	-4.20	-5.676	1.48
1275	-4.38	-5.743	1.36
1300	-4.37	-5.810	1.44
1325	-1.66	-5.877	4.21
1350	-1.16	-5.943	4.78
1375	-4.32	-6.010	1.69
1400	-4.44	-6.069	1.63
1425	-1.22	-6.073	4.85
1450	-0.70	-6.014	5.31
1475	-1.29	-5.899	4.60
1500	-0.81	-5.774	4.96
1525	-0.68	-5.649	4.97
1550	-0.41	-5.524	5.11
1575	-0.28	-5.398	5.11
1600	-0.28	-5.274	4.99
1625	-0.17	-5.170	5.00
1650	-0.17	-5.090	4.92
1675	-0.15	-5.035	4.88
1700	-0.16	-5.005	4.84
1725	-0.57	-4.999	4.43
1750	-0.59	-4.999	4.41
1775	-0.47	-4.999	4.52
1800	-0.32	-4.999	4.67
1825	-0.70	-4.999	4.30
1850	-1.14	-4.999	3.86
1875	-0.68	-4.999	4.32
1900	-0.39	-4.999	4.61

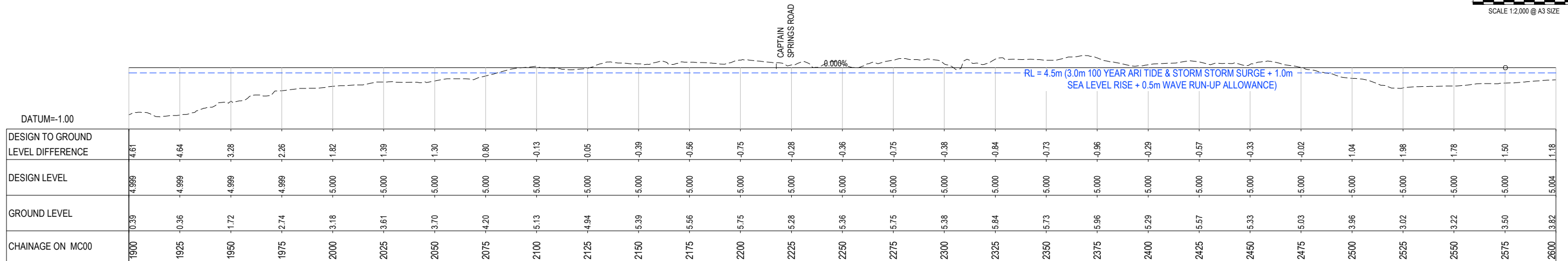
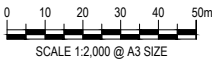
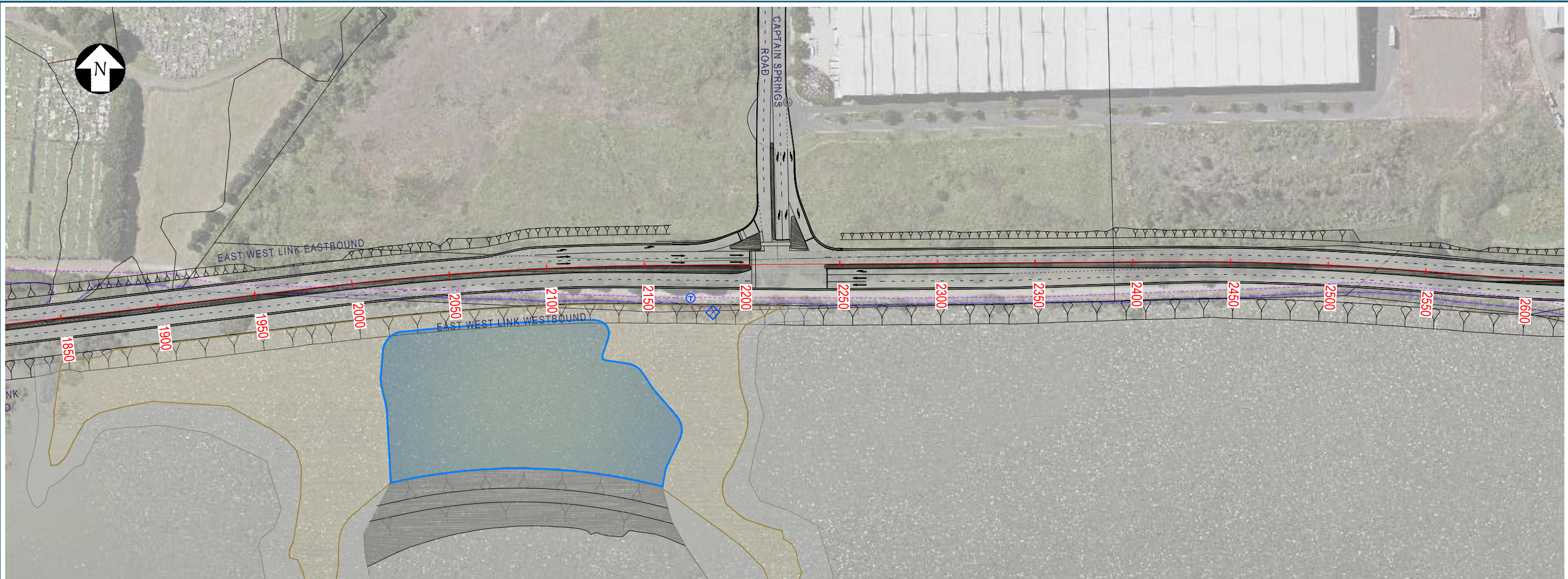
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

VERTICAL 1:400 @ A3 SIZE	0 2 4 6 8 10m	FOR BOI ISSUE
HORIZONTAL 1:2000 @ A3 SIZE	0 10 20 30 40 50m	
Drawing Title	PLAN AND LONG SECTION	
	MC00	
	SHEET 03 OF 14	
Drawing Number	AEE-C-203	Rev No. 1



No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
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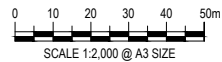


Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

VERTICAL 1:400 @ A3 SIZE
 HORIZONTAL 1:2000 @ A3 SIZE

FOR BOI ISSUE

Drawing Title PLAN AND LONG SECTION MC00 SHEET 04 OF 14	Drawing Number AEE-C-204	Rev No. 1
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CHA. 2683
ELE. 5.000
LVC. 216
K. 75000/100

CHA. 3042
ELE. 6.036
LVC. 280
K. -47500/100

PORTS LINK

RL = 4.5m (3.0m 100 YEAR ARI TIDE & STORM SURGE + 1.0m SEA LEVEL RISE + 0.5m WAVE RUN-UP ALLOWANCE)

DATUM=-1.00

DESIGN TO GROUND LEVEL DIFFERENCE	1.18	-1.22	-1.32	-1.18	-2.93	-3.38	-1.90	-2.15	-2.28	-2.34	-2.34	-2.41	-2.34	-2.37	-2.29	-2.51	-1.97	-1.85	-2.12	-2.16	-1.77	-1.96	-1.37	-1.43	-2.19	-2.14	-1.90	-1.91	1.77
DESIGN LEVEL	5.004	5.017	5.038	5.067	5.104	5.150	5.204	5.267	5.337	5.409	5.481	5.553	5.625	5.692	5.746	5.766	5.814	5.828	5.829	5.817	5.791	5.753	5.701	5.636	5.562	5.487	5.412	5.337	5.262
GROUND LEVEL	3.82	3.79	3.72	3.89	2.17	1.77	3.31	3.11	3.06	3.07	3.14	3.14	3.29	3.32	3.46	3.27	3.84	3.98	3.71	3.65	4.02	3.79	4.33	4.21	3.37	3.35	3.51	3.43	3.49
CHAINAGE ON MC00	2600	2625	2650	2675	2700	2725	2750	2775	2800	2825	2850	2875	2900	2925	2950	2975	3000	3025	3050	3075	3100	3125	3150	3175	3200	3225	3250	3275	3300



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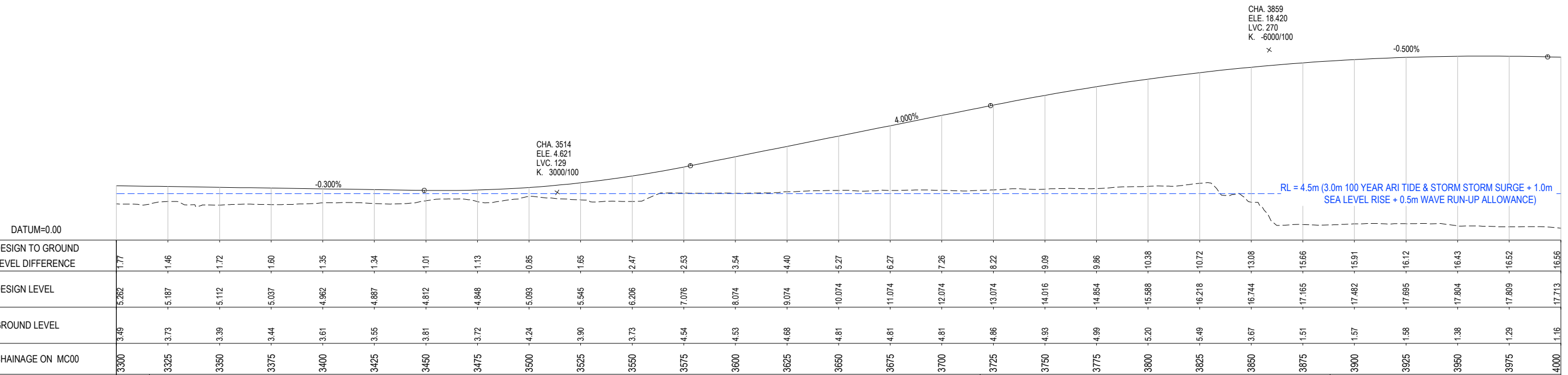
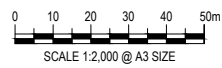
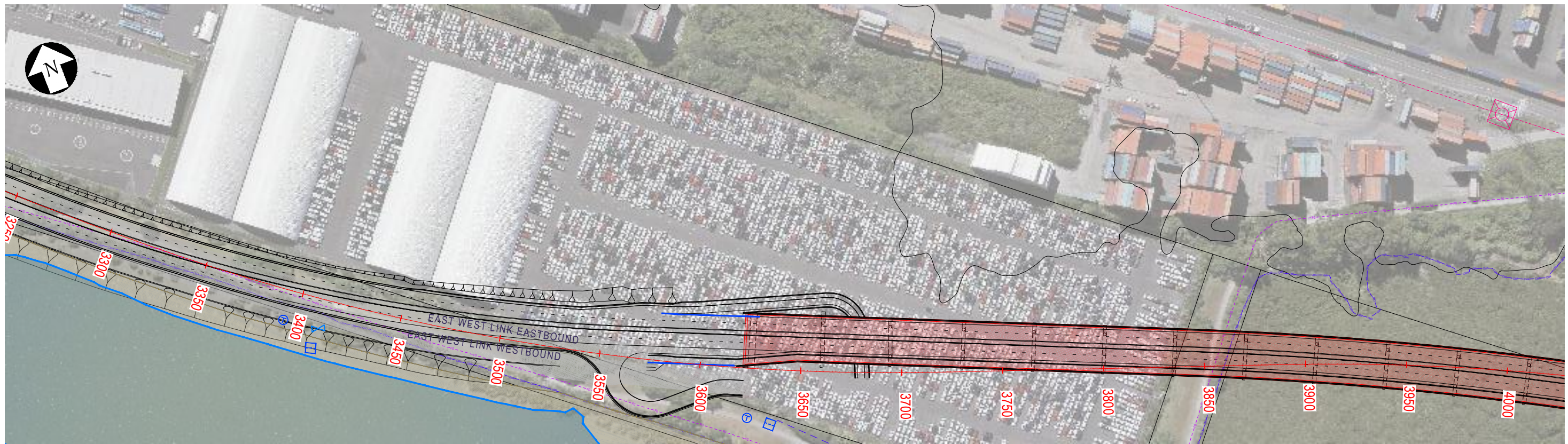
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Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION
	MC00
	SHEET 05 OF 14
Drawing Number	AEE-C-205
Rev No.	1



CHAINAGE ON MC00	GROUND LEVEL	DESIGN LEVEL	DESIGN TO GROUND LEVEL DIFFERENCE
3300	3.49	5.262	1.77
3325	-3.73	-5.187	-1.46
3350	-3.39	-5.112	-1.72
3375	-3.44	-5.037	-1.60
3400	-3.61	-4.962	-1.35
3425	-3.55	-4.887	-1.34
3450	-3.81	-4.812	-1.01
3475	-3.72	-4.848	-1.13
3500	-4.24	-5.093	-0.85
3525	-3.90	-5.545	-1.65
3550	-3.73	-6.206	-2.47
3575	-4.54	-7.076	-2.53
3600	-4.53	-8.074	-3.54
3625	-4.68	-9.074	-4.40
3650	-4.81	-10.074	-5.27
3675	-4.81	-11.074	-6.27
3700	-4.81	-12.074	-7.26
3725	-4.86	-13.074	-8.22
3750	-4.93	-14.016	-9.09
3775	-4.99	-14.854	-9.86
3800	-5.20	-15.588	-10.38
3825	-5.49	-16.218	-10.72
3850	-3.67	-16.744	-13.08
3875	-1.51	-17.165	-15.66
3900	-1.57	-17.482	-15.91
3925	-1.58	-17.695	-16.12
3950	-1.38	-17.804	-16.43
3975	-1.29	-17.809	-16.52
4000	1.16	-17.713	-16.56

No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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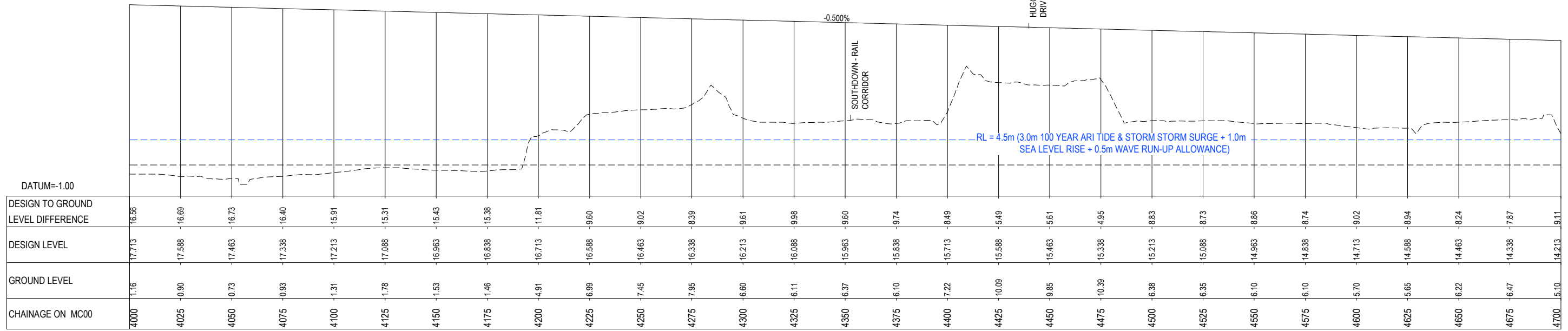
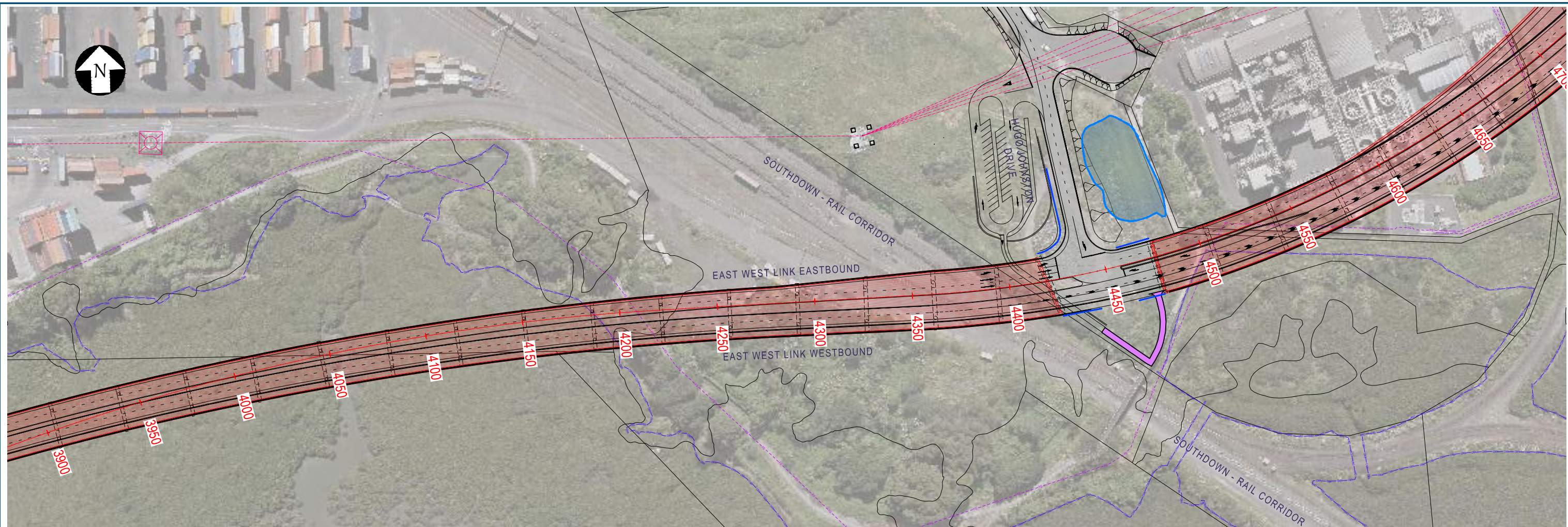


Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed L NEL	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

VERTICAL 1:400 @ A3 SIZE
 HORIZONTAL 1:2000 @ A3 SIZE

FOR BOI ISSUE

Drawing Title PLAN AND LONG SECTION MC00 SHEET 06 OF 14	Rev No. 1
Drawing Number AEE-C-206	



No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed	Design Manager	Approved	Alliance Manager
Designed	L NEL	Design Check	J MURAHIDY		N NANCEKIVELL		J CALDWELL
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

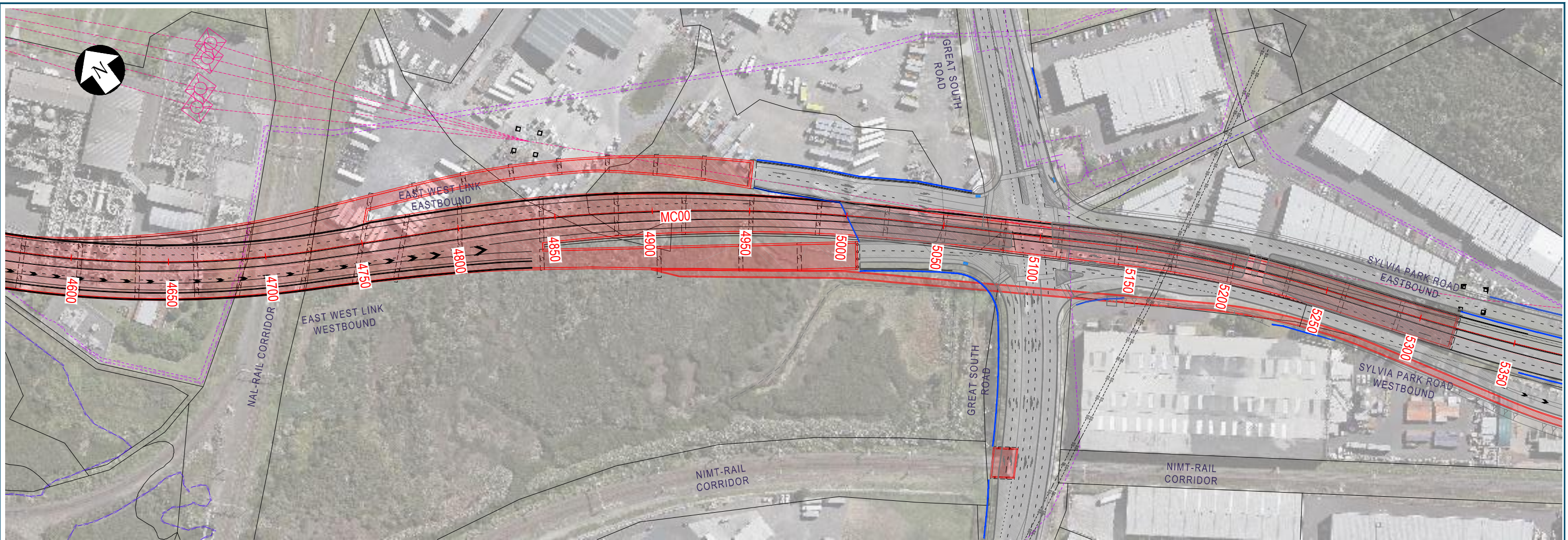
VERTICAL 1:400 @ A3 SIZE
 HORIZONTAL 1:2000 @ A3 SIZE

FOR BOI ISSUE

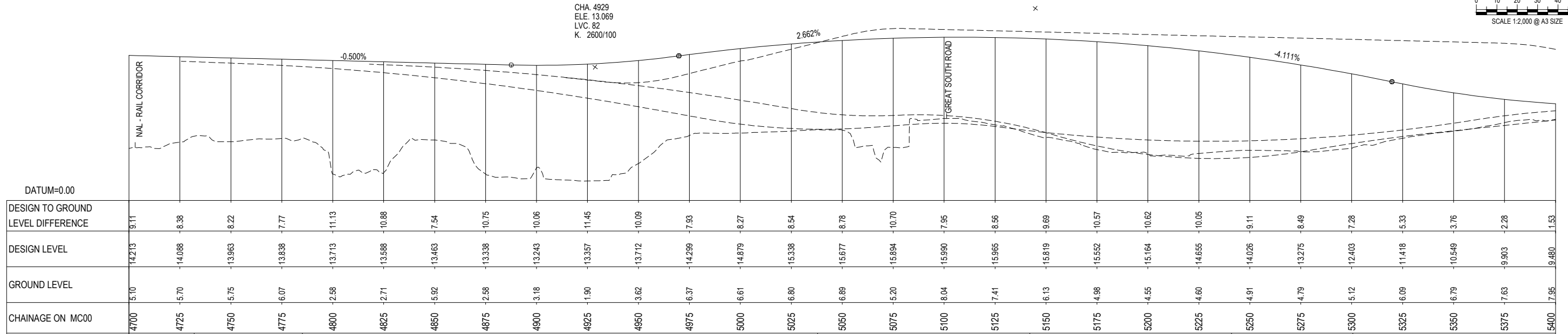
Drawing Title: **PLAN AND LONG SECTION MC00 SHEET 07 OF 14**

Drawing Number: **AEE-C-207**

Rev No. **1**



CHA 4929
 ELE 13.069
 LVC 82
 K 2600/100



No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	L NEL	Design Check	J MURAHIDY		27.06.17		27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

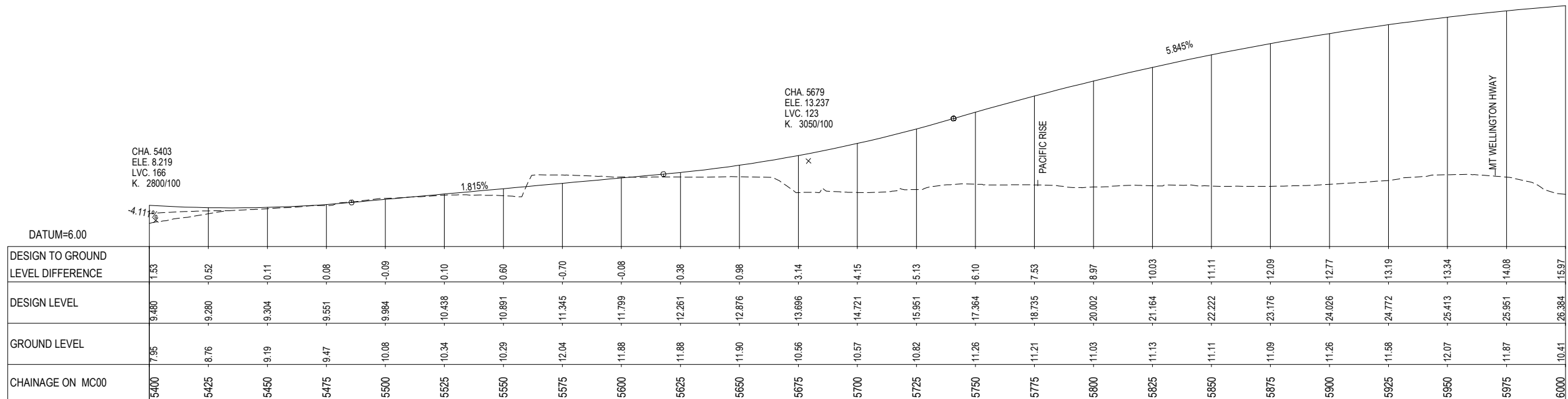
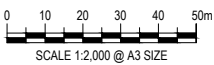
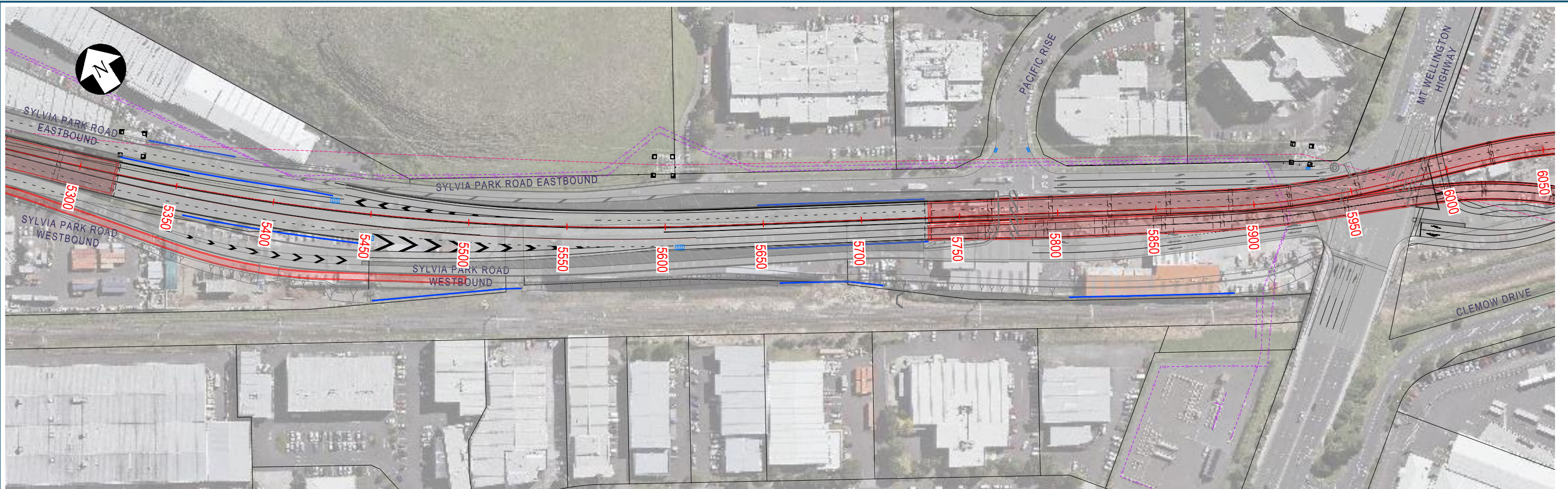
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 HORIZONTAL 1:2000 @ A3 SIZE

FOR BOI ISSUE

Drawing Title: **PLAN AND LONG SECTION MC00 SHEET 08 OF 14**

Drawing Number: **AEE-C-208**

Rev No. **1**



FOR BOI ISSUE

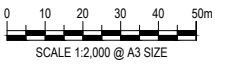
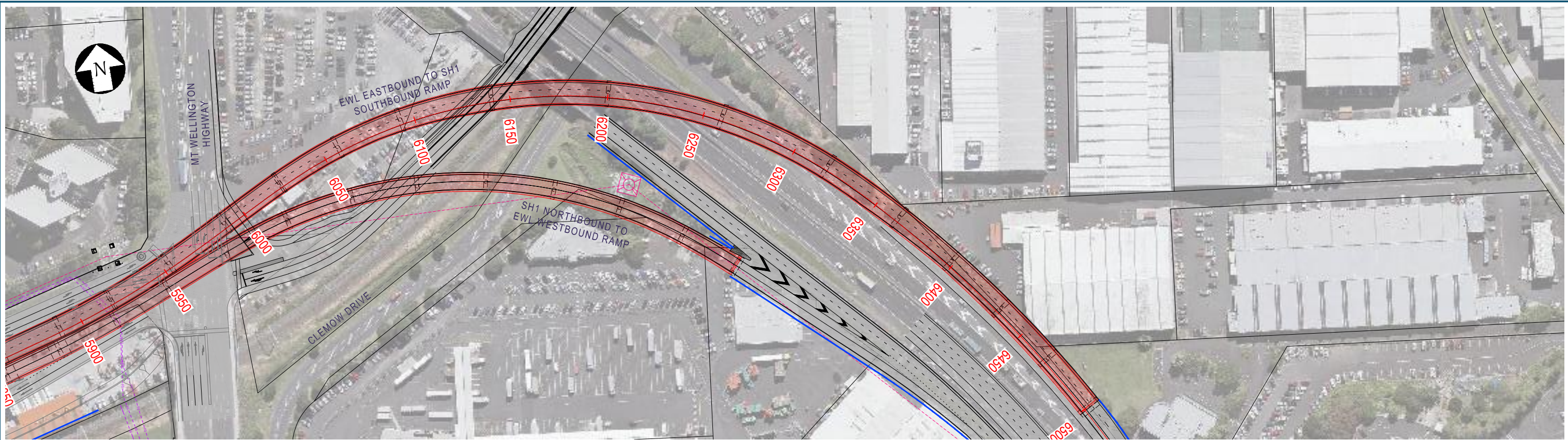
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	L NEL	Design Check	J MURAHIDY		27.06.17		27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION MC00		
	SHEET 09 OF 14		
Drawing Number	AEE-C-209	Rev No.	1



CHA. 6092
 ELE. 34.562
 LVC. 599
 K. -6000/100

4.986%

-5.002%

AMETI CONNECTION
 NIMT - RAIL CORRIDOR
 CLEMOW DRIVE

DATUM=6.00

DESIGN TO GROUND LEVEL DIFFERENCE	15.38	-16.56	-17.09	-17.23	-17.23	-17.47	-17.94	-18.45	-11.77	-10.77	-10.69	-10.82	-10.36	-10.38	-10.74	-10.66	-9.66	-8.65	-7.54	-5.97	3.96
DESIGN LEVEL	26.388	26.716	26.939	27.059	27.075	26.986	26.793	26.496	26.095	25.590	24.980	24.267	23.449	22.527	21.501	20.370	19.142	17.892	16.641	15.391	14.140
GROUND LEVEL	10.40	-10.16	-9.85	-9.83	-9.84	-9.52	-8.85	-8.05	-14.32	-14.82	-14.29	-13.44	-13.09	-12.14	-10.76	-9.71	-9.48	-9.25	-9.10	-9.42	-10.18
CHAINAGE ON MC00	6000	6025	6050	6075	6100	6125	6150	6175	6200	6225	6250	6275	6300	6325	6350	6375	6400	6425	6450	6475	6500



FOR BOI ISSUE

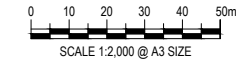
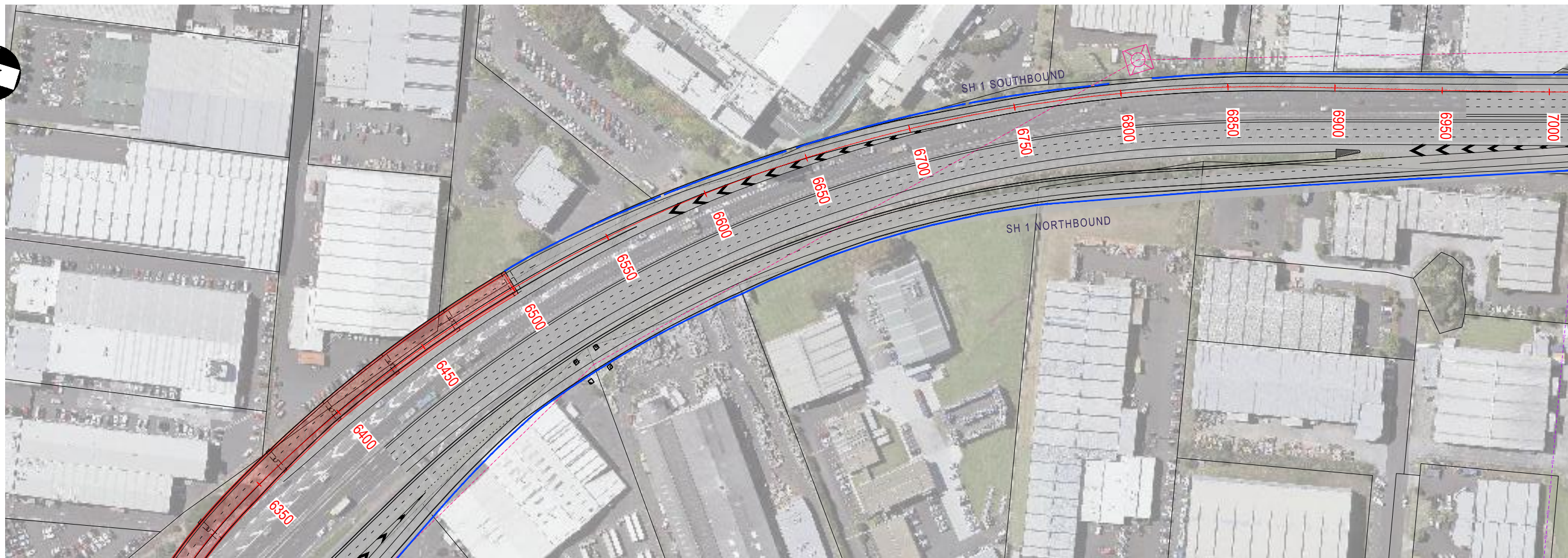
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	L NEL	Design Check	J MURAHIDY		27.06.17		27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

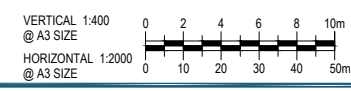
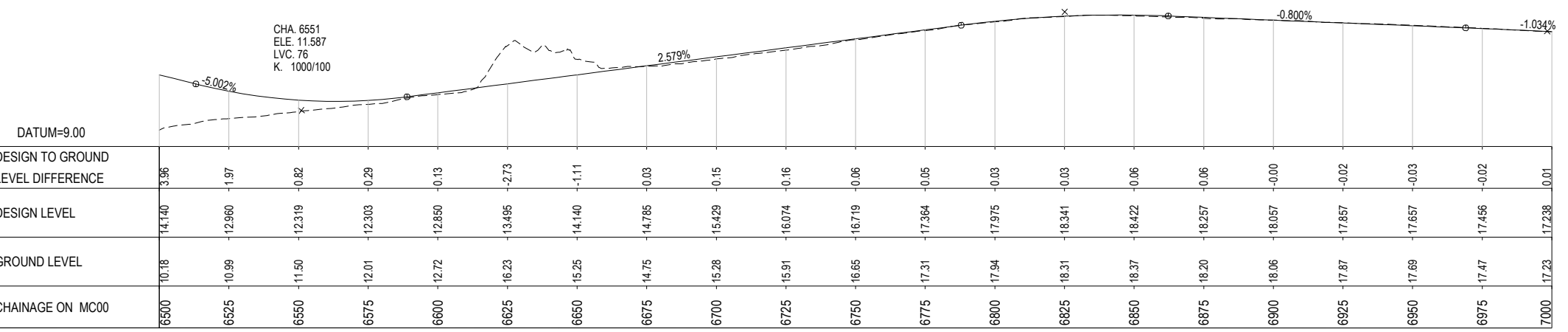
Drawing Title	PLAN AND LONG SECTION MC00 SHEET 10 OF 14	Rev No.	1
Drawing Number	AEE-C-210		



CHA 6825
ELE. 18.656
LVC. 74
K. -2200/100

CHA 6998
ELE. 17.270
LVC. 59
K. -25000/100

CHA 6551
ELE. 11.587
LVC. 76
K. 1000/100



FOR BOI ISSUE

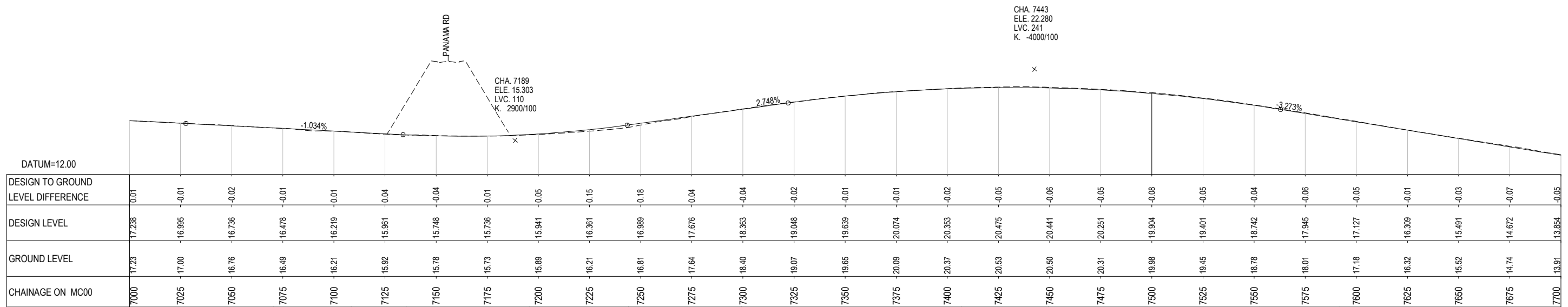
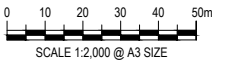
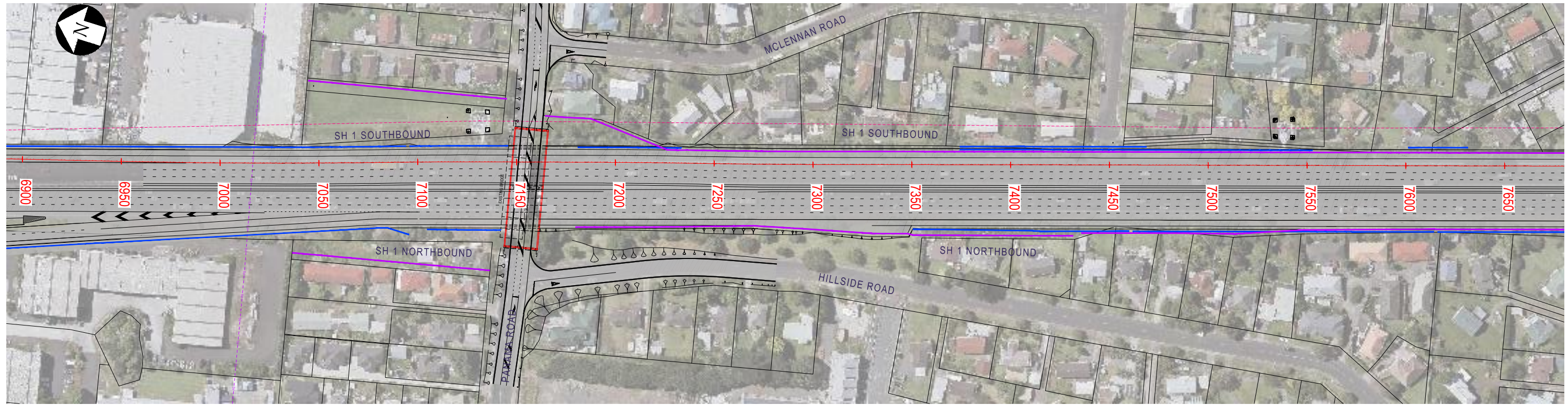
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	L NEL	Design Check	J MURAHIDY		27.06.17		27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION MC00 SHEET 11 OF 14		
Drawing Number	AEE-C-211	Rev No.	1



No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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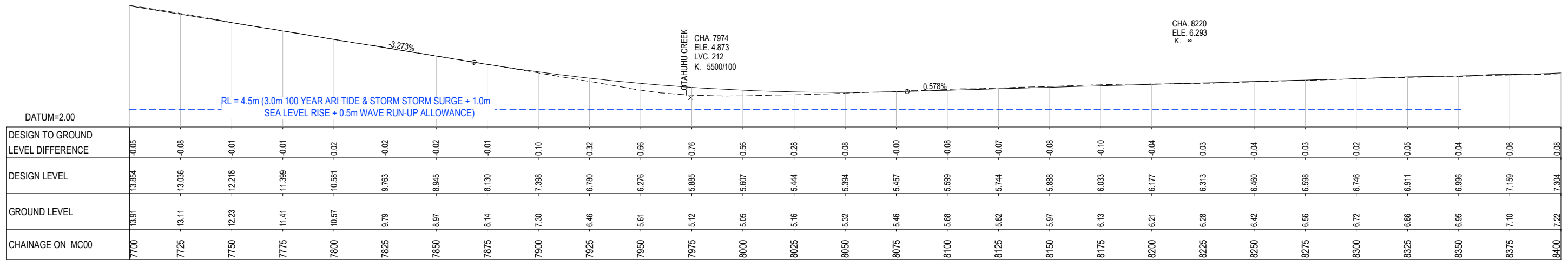
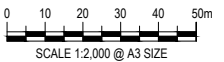
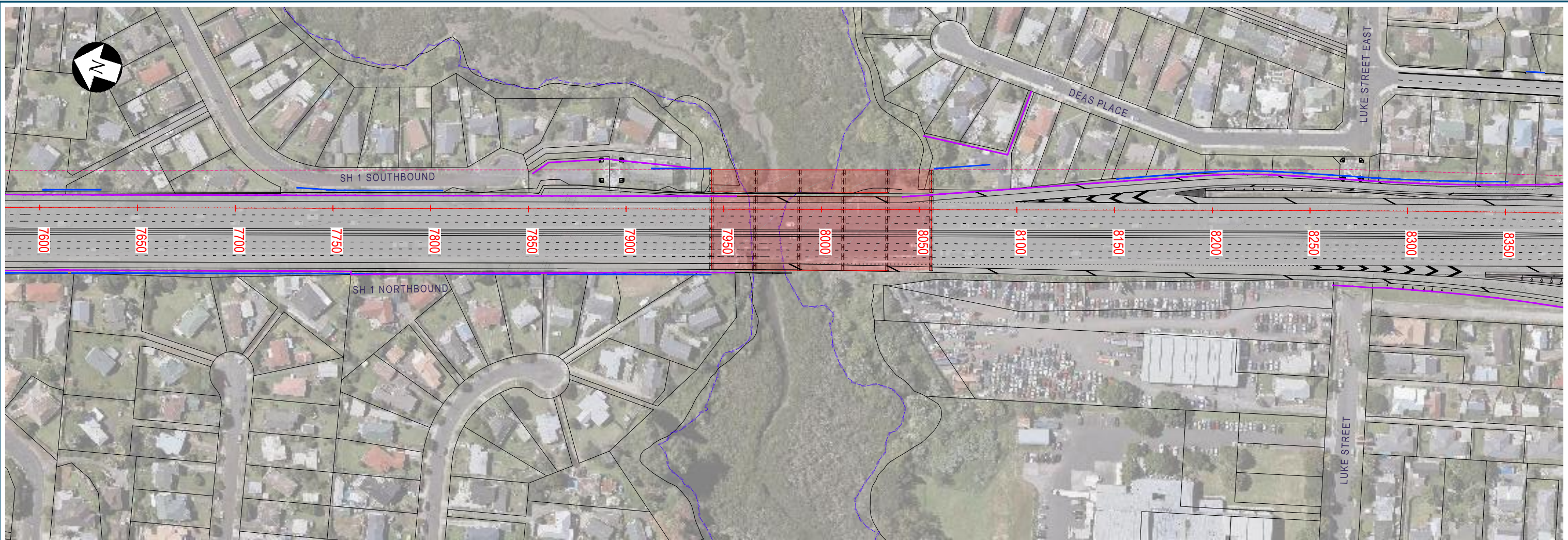


Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed L NEL	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

VERTICAL 1:400 @ A3 SIZE
 HORIZONTAL 1:2000 @ A3 SIZE

FOR BOI ISSUE

Drawing Title PLAN AND LONG SECTION MC00 SHEET 12 OF 14	Rev No. 1
Drawing Number AEE-C-212	



No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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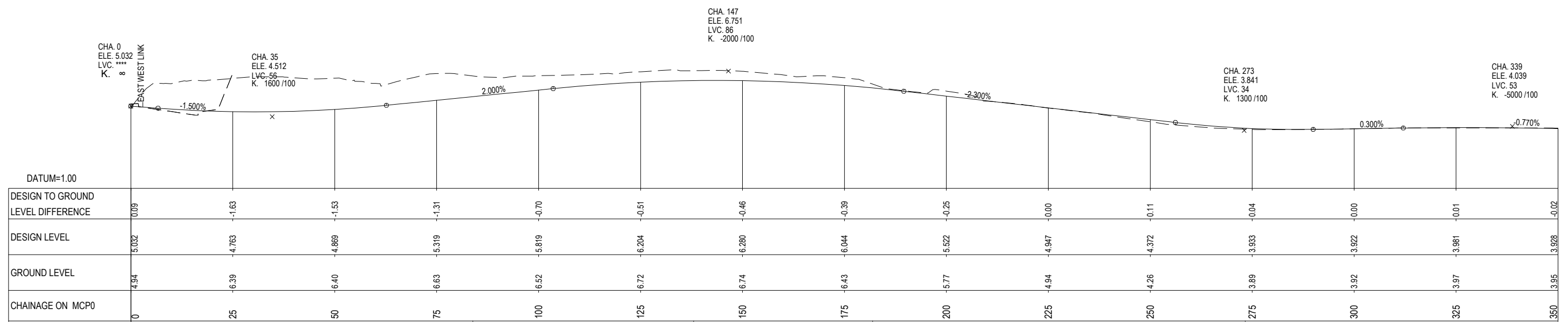
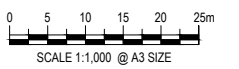


Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

VERTICAL 1:400 @ A3 SIZE
 HORIZONTAL 1:2000 @ A3 SIZE

FOR BOI ISSUE

Drawing Title PLAN AND LONG SECTION MC00 SHEET 13 OF 14	Drawing Number AEE-C-213	Rev No. 1
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FOR BOI ISSUE

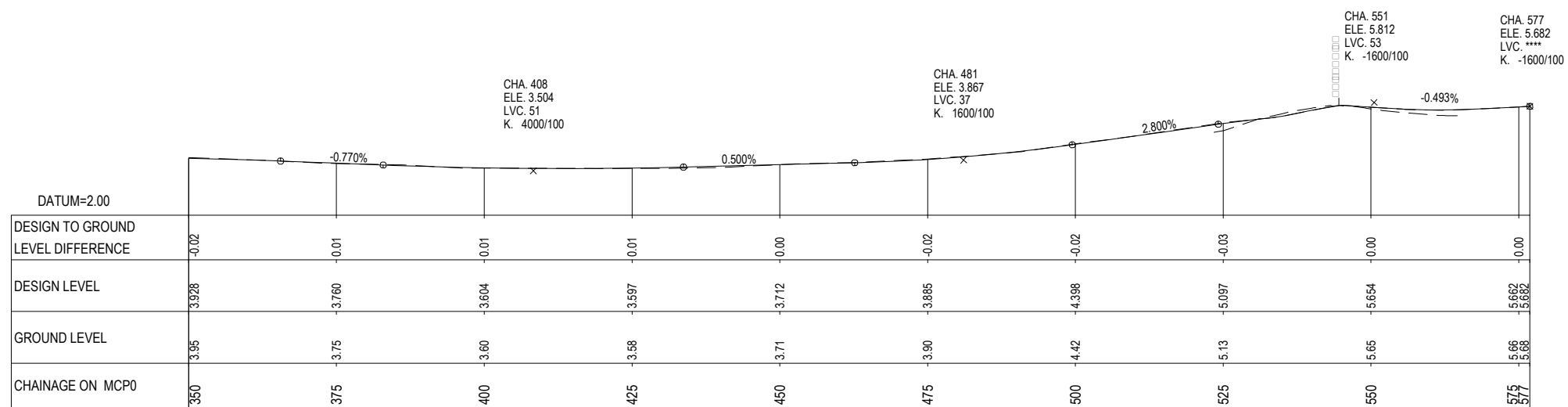
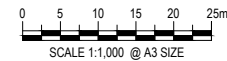
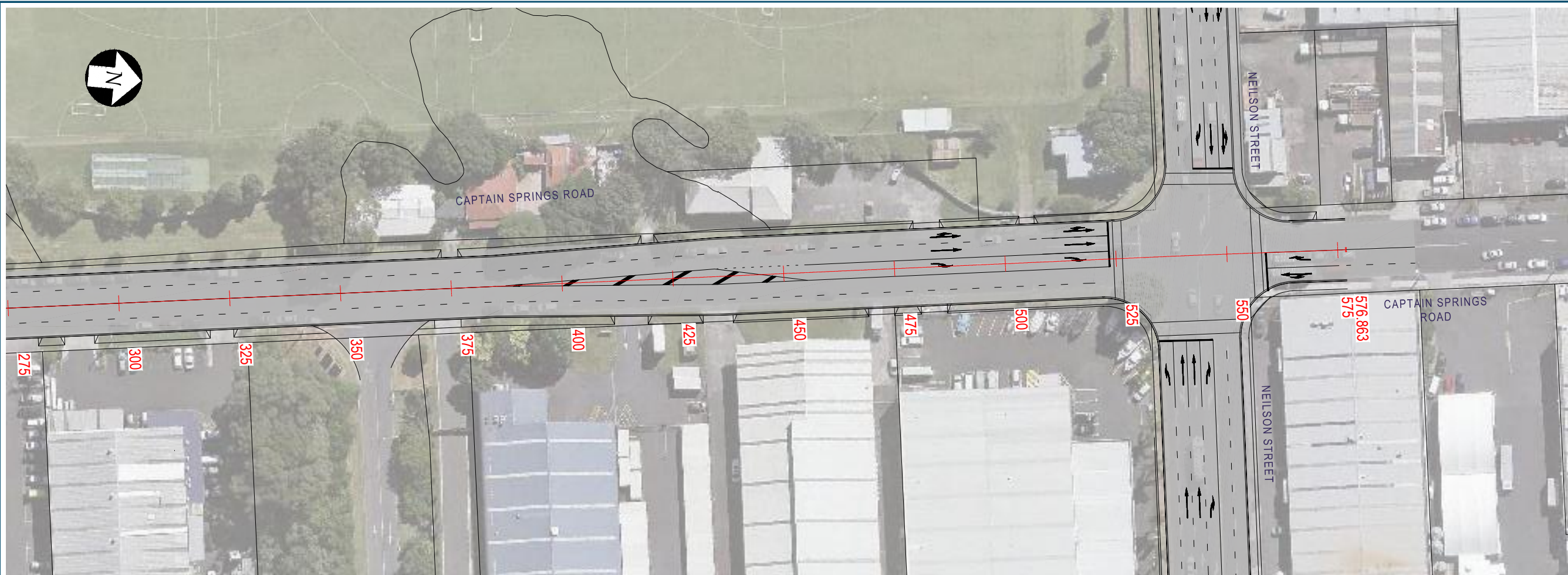
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R BAILEY	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION CAPTAIN SPRINGS - MCP0 SHEET 01 OF 02	Drawing Number AEE-C-231	Rev No. 1
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FOR BOI ISSUE

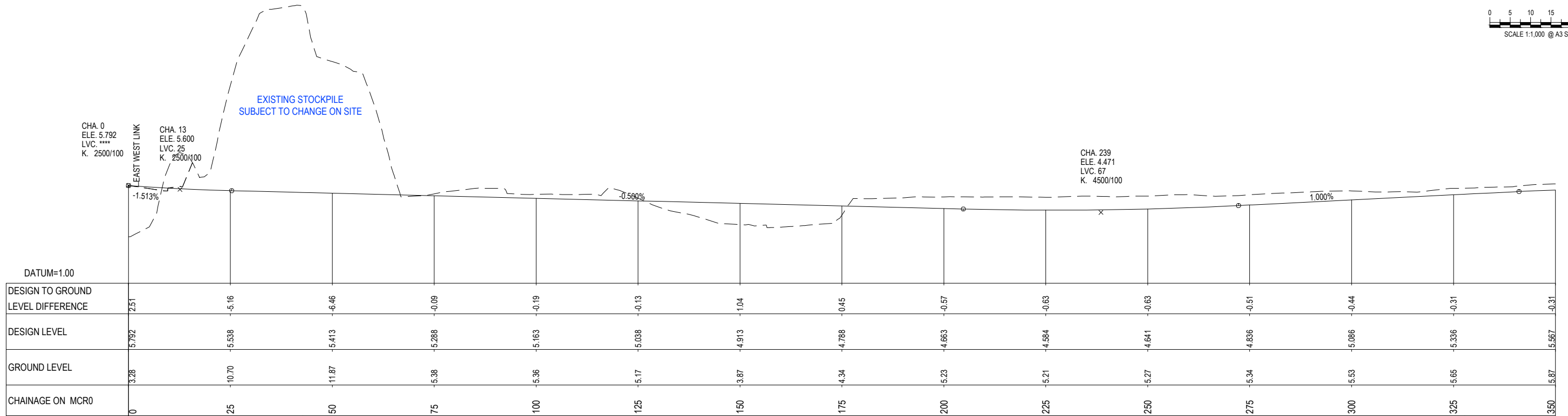
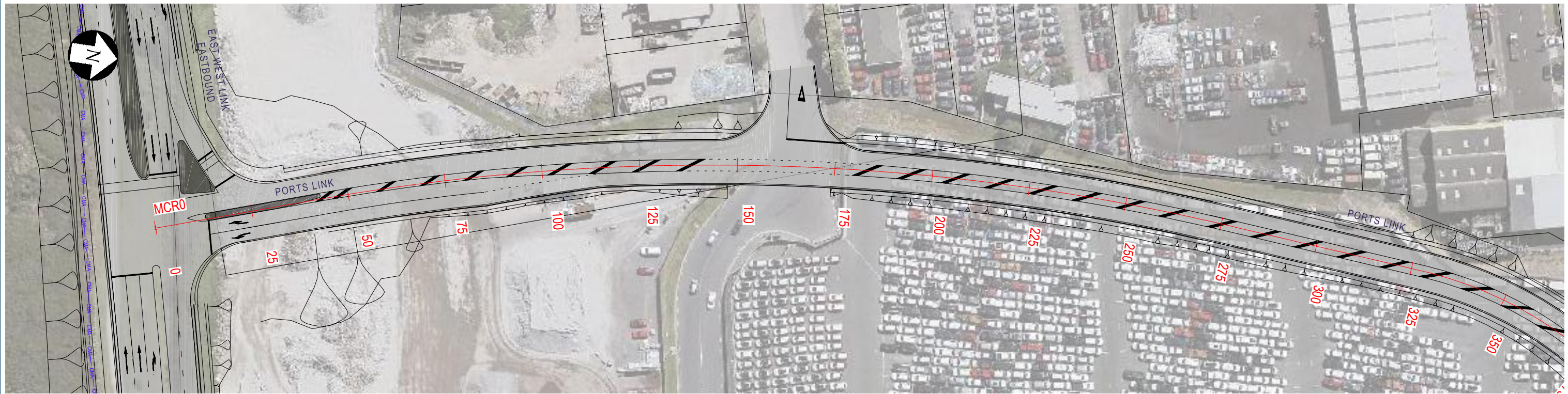
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R BAILEY	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION CAPTAIN SPRINGS - MCP0 SHEET 02 OF 02	Rev No. 1
Drawing Number AEE-C-232	



FOR BOI ISSUE

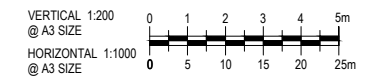
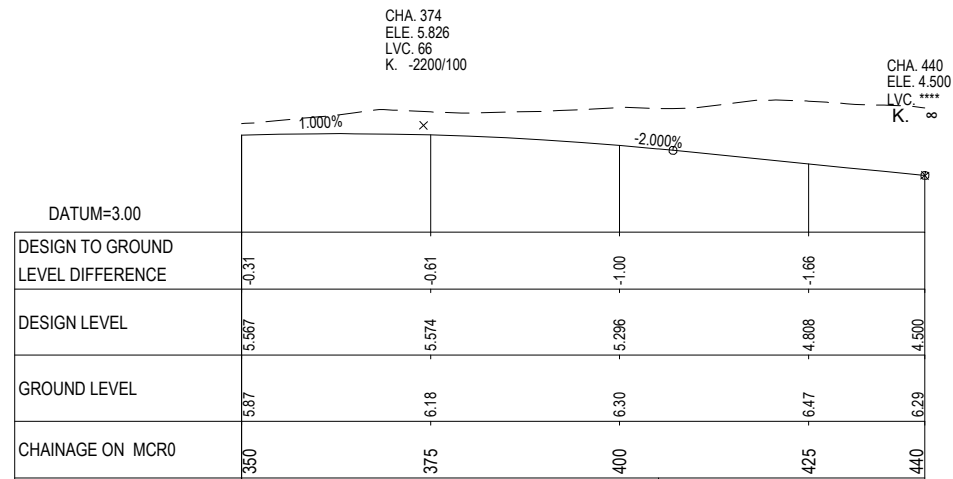
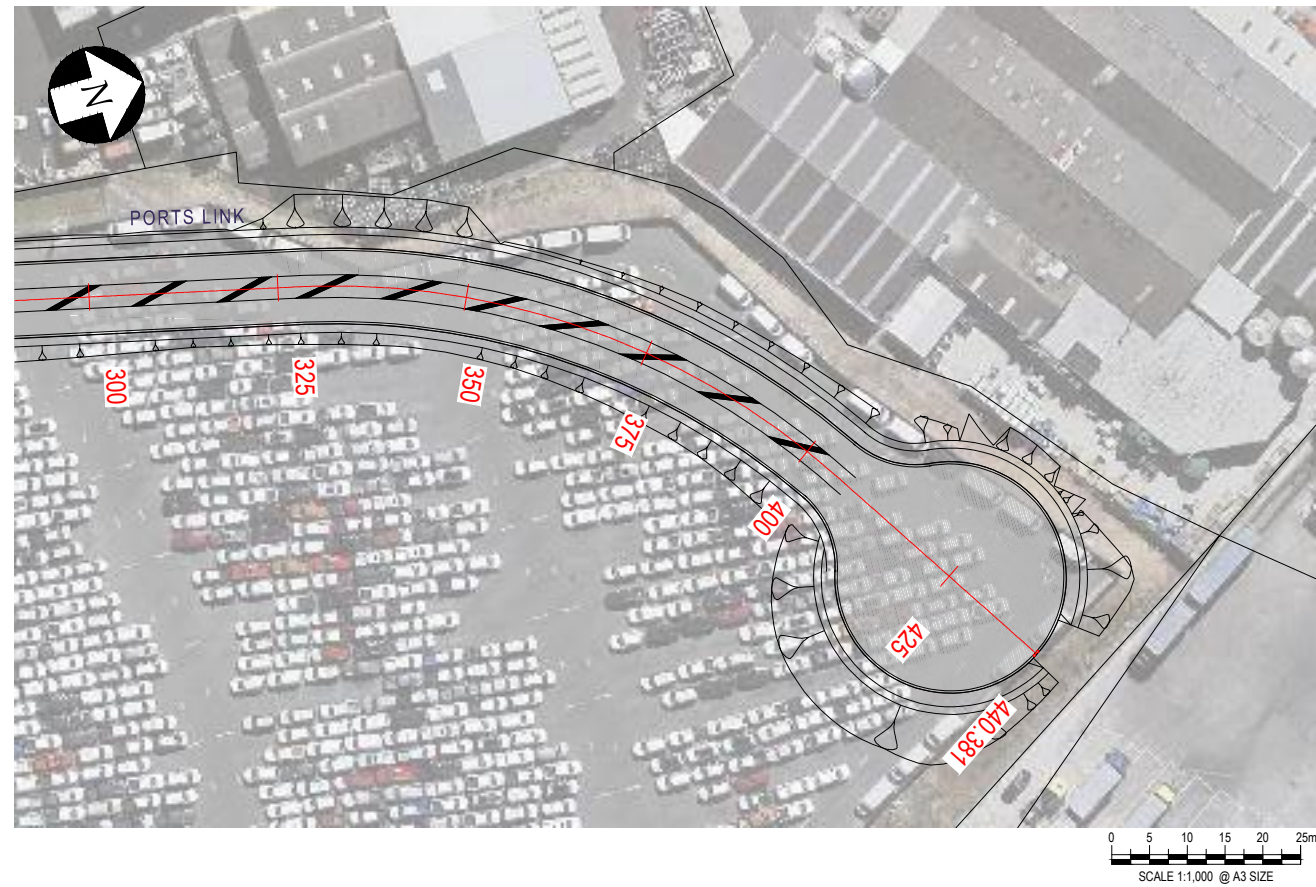
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R BAILEY	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION PORTS LINK - MCR0 SHEET 01 OF 02	Drawing Number AEE-C-233	Rev No. 1
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FOR BOI ISSUE

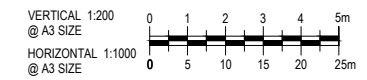
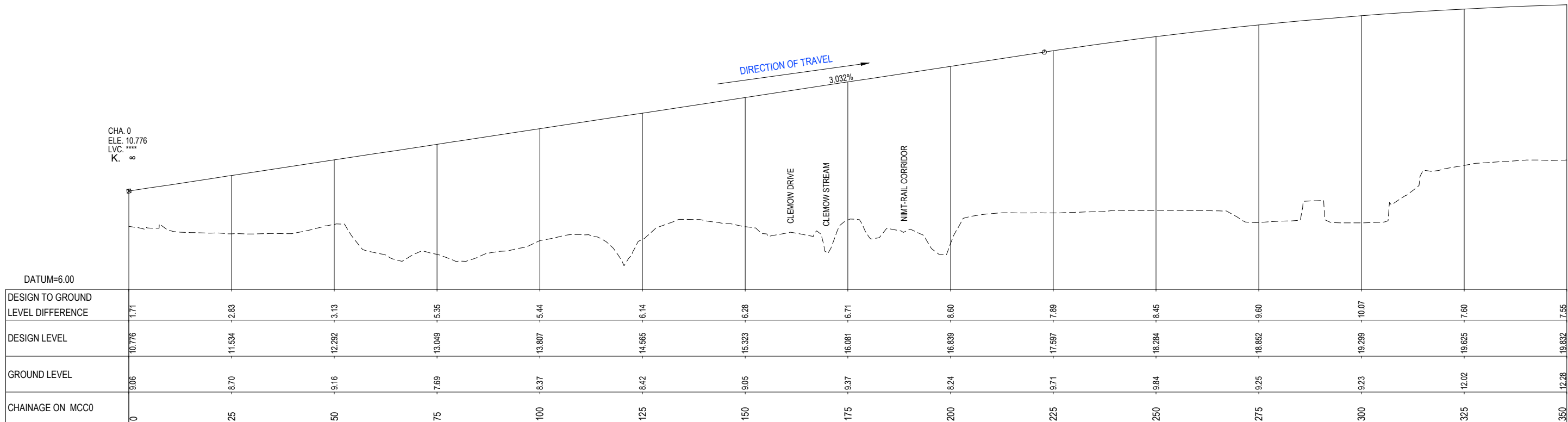
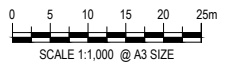
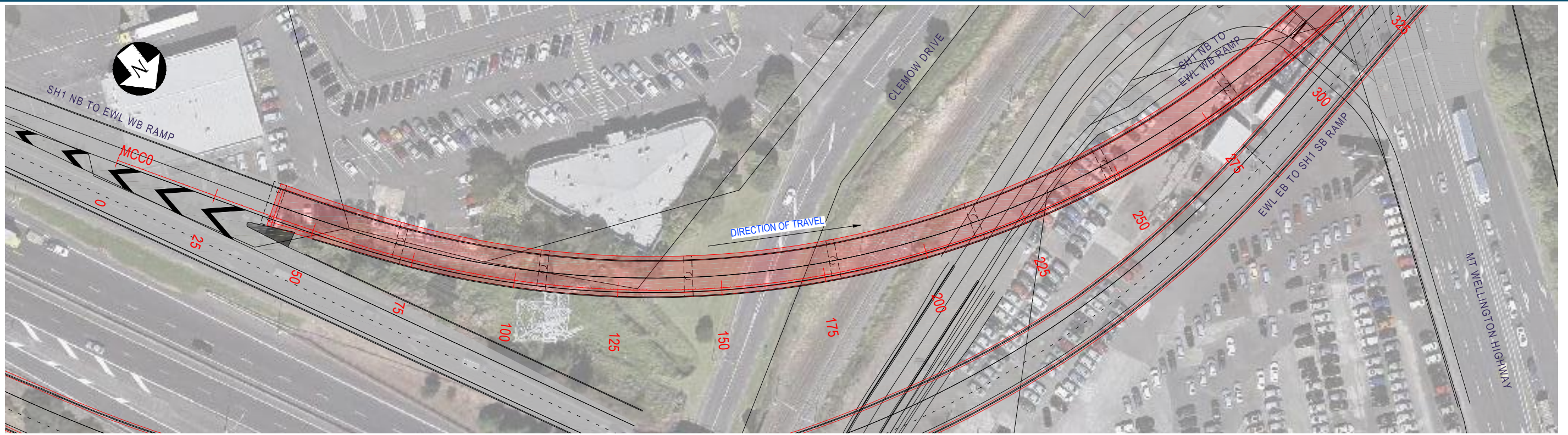
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R BAILEY	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION PORTS LINK - MCR0 SHEET 02 OF 02	Rev No. 1
Drawing Number AEE-C-234	



FOR BOI ISSUE

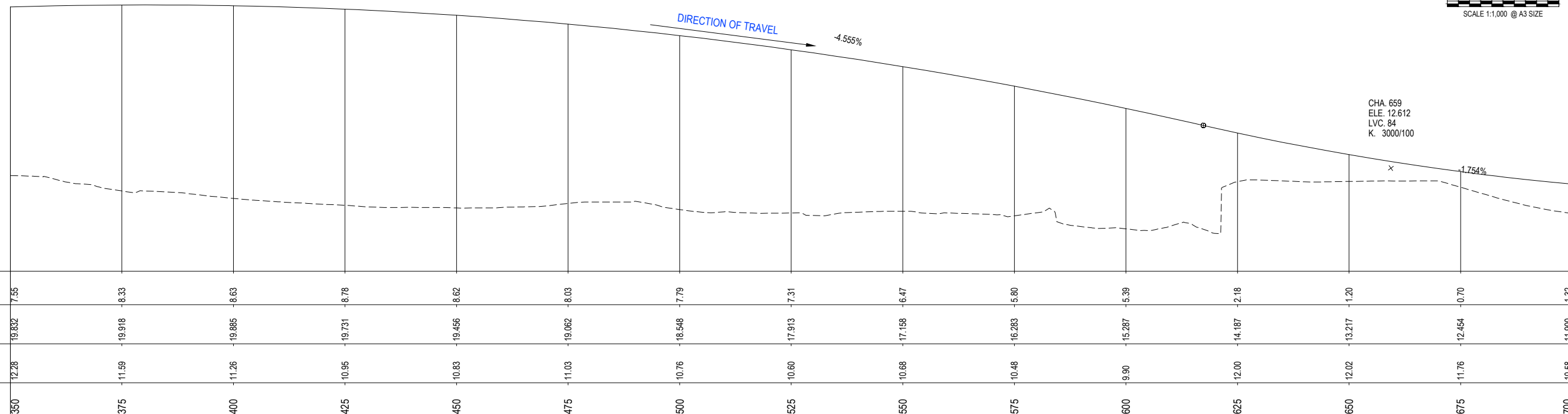
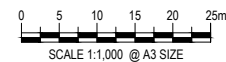
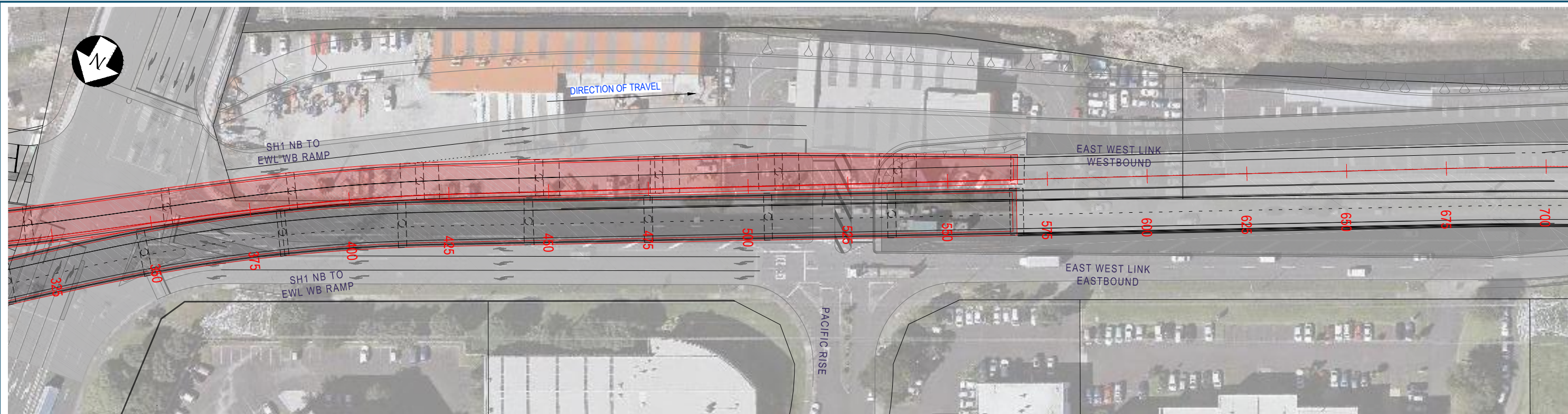
No.	Issued Status	Drawn	Check'd	App'd	Date
2	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
1	ISSUED FOR CONSENT - GSR GRADE SEPARATION	AR	NN*	PK*	14.12.2016
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	L NEL	Design Check	J MURAHIDY		27.06.17		27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION SYLVIA PARK NB OFF RAMP - MCC0		
Sheet	SHEET 01 OF 03		
Drawing Number	AEE-C-241		
Rev No.	2		



DATUM=8.00



FOR BOI ISSUE

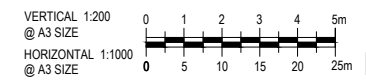
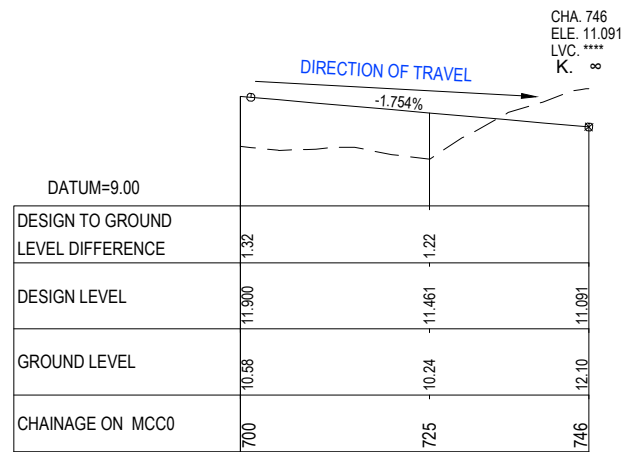
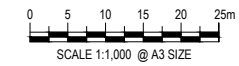
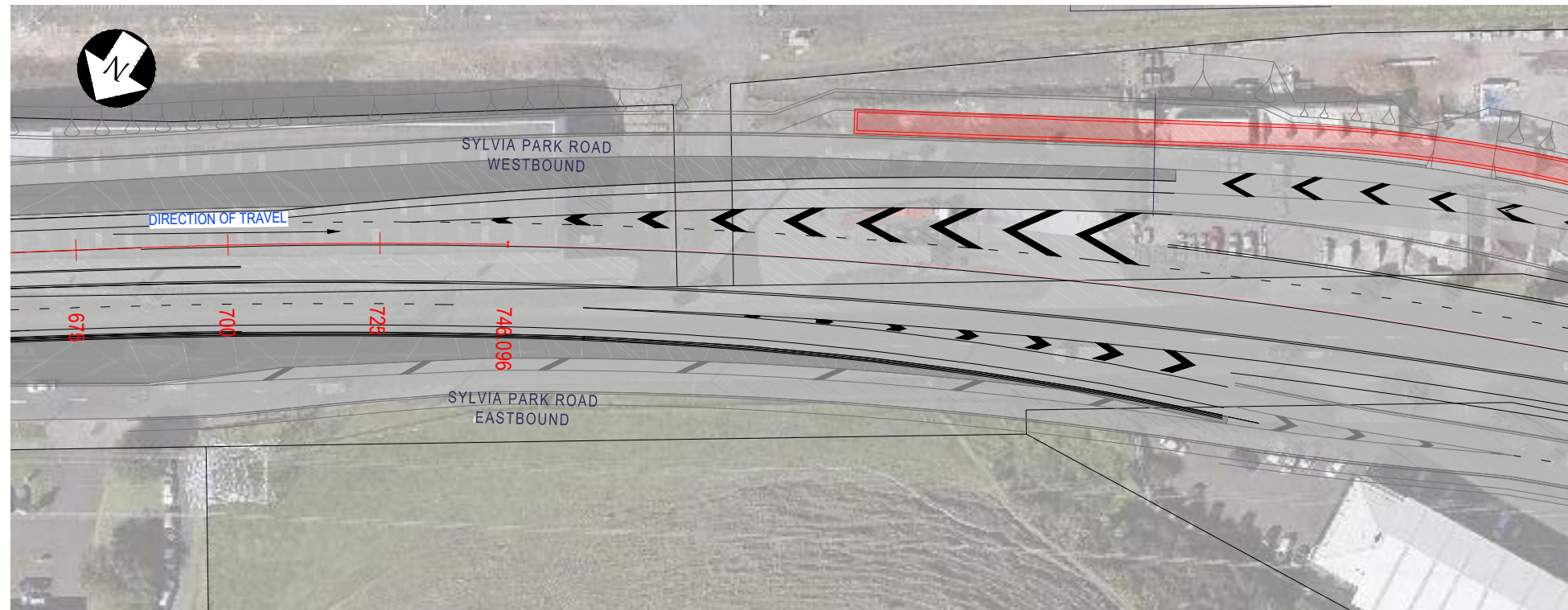
No.	Issued Status	Drawn	Check'd	App'd	Date
2	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
1	ISSUED FOR CONSENT - GSR GRADE SEPARATION	AR	NN*	PK*	14.12.2016
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed L NEL	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION SYLVIA PARK NB OFF RAMP - MC00 SHEET 02 OF 03	Drawing Number AEE-C-242	Rev No. 2
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FOR BOI ISSUE

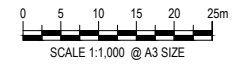
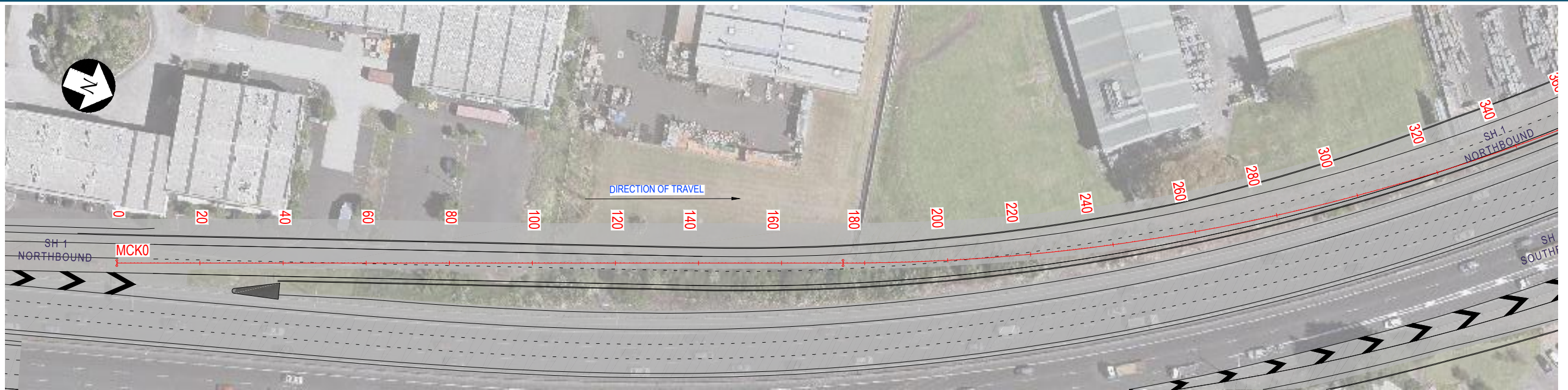
No.	Issued Status	Drawn	Check'd	App'd	Date
2	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
1	ISSUED FOR CONSENT - GSR GRADE SEPARATION	AR	NN*	PK*	14.12.2016
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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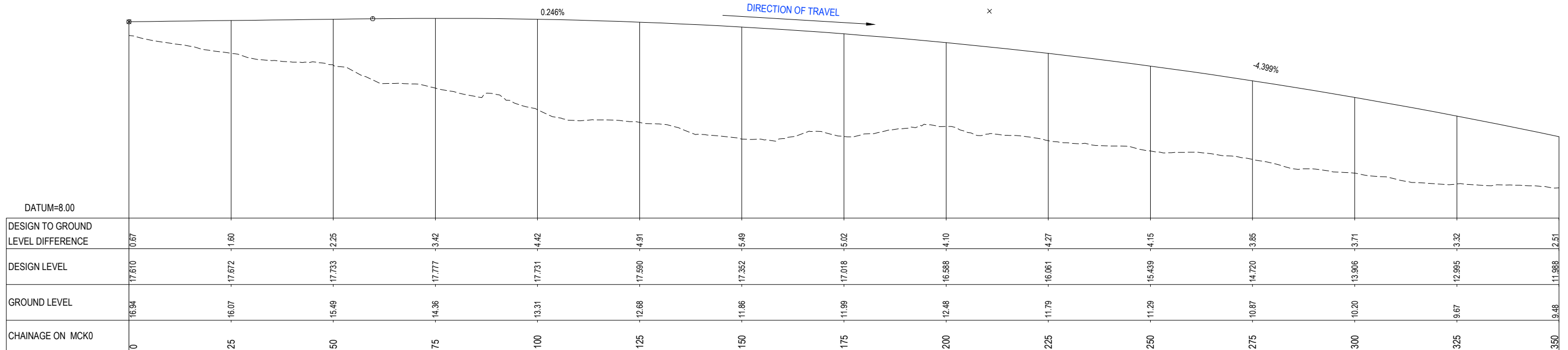
Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed L NEL	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION SYLVIA PARK NB OFF RAMP - MC00 SHEET 03 OF 03	Drawing Number AEE-C-243	Rev No. 2
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CHA. 0
ELE. 17.610
LVC. ***
K. ∞

CHA. 211
ELE. 18.129
LVC. 302
K. -6500/100



FOR BOI ISSUE

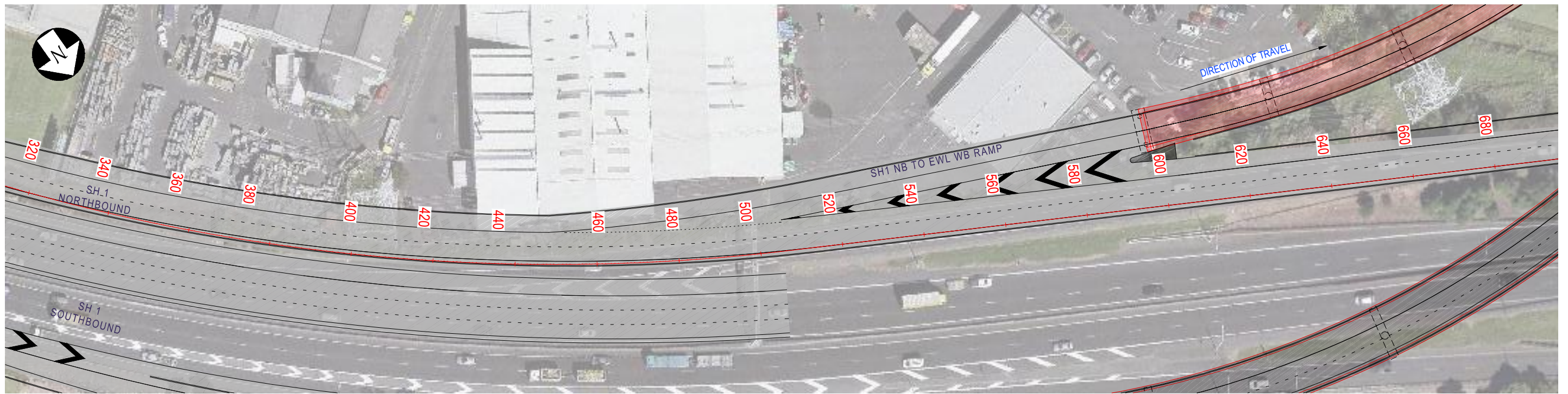
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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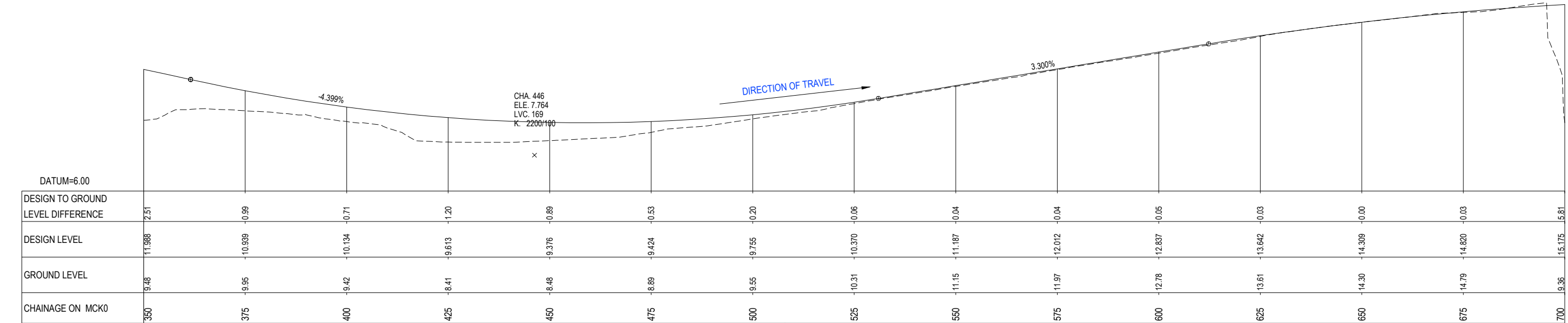


Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed L NEL	Design Check J MURAHIDY	Contract No PA4014	
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	

Drawing Title PLAN AND LONG SECTION MT WELLINGTON OFF RAMP - MCK0 SHEET 01 OF 03	Rev No. 1
Drawing Number AEE-C-245	



0 5 10 15 20 25m
SCALE 1:1,000 @ A3 SIZE



VERTICAL 1:200 @ A3 SIZE
HORIZONTAL 1:1000 @ A3 SIZE
0 1 2 3 4 5m
0 5 10 15 20 25m
FOR BOI ISSUE

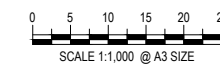
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	L NEL	Design Check	J MURAHIDY		27.06.17		27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION MT WELLINGTON OFF RAMP - MCK0 SHEET 02 OF 03	
Drawing Number	AEE-C-246	
Rev No.	1	

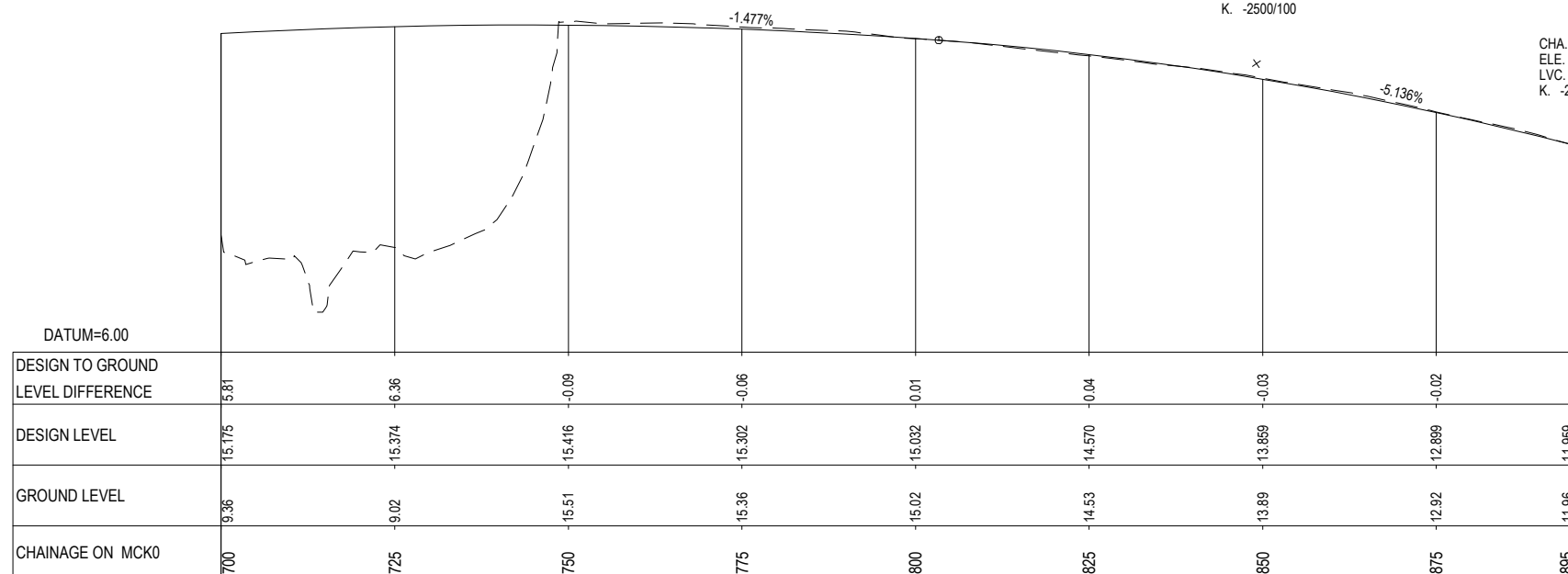


CHA 708
ELE. 16.395
LVC. 191
K. -4000/100

3.300% x

CHA 849
ELE. 14.308
LVC. 91
K. -2500/100

CHA 895
ELE. 11.959
LVC. ***
K. -2500/100



FOR BOI ISSUE

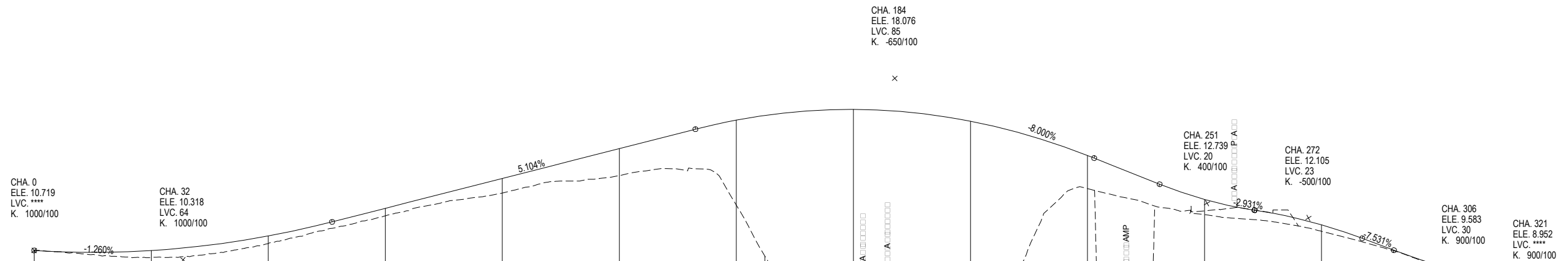
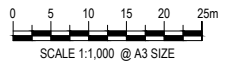
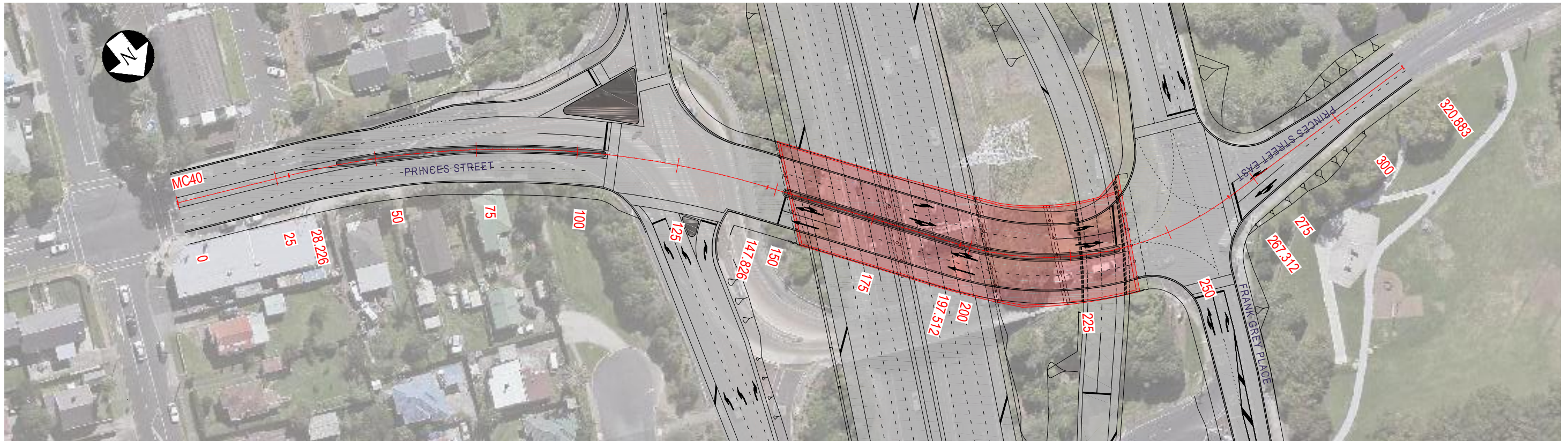
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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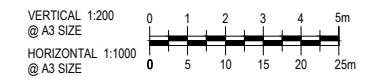
Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	L NEL	Design Check	J MURAHIDY		27.06.17		27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION MT WELLINGTON OFF RAMP - MCK0 SHEET 03 OF 03		
Drawing Number	AEE-C-247		
Rev No.	1		



DATUM=5.00

CHAINAGE ON MC40	DESIGN LEVEL	GROUND LEVEL	LEVEL DIFFERENCE
0	10.719	-999.00	
25	10.716	-999.00	
50	11.339	-999.00	
75	12.522	-999.00	
100	13.798	-13.17	0.62
125	15.074	-13.92	1.15
150	16.291	-12.66	3.63
175	16.749	-8.39	8.36
200	16.246	-9.08	7.16
225	14.782	-13.36	1.42
250	12.888	-12.25	0.64
275	11.818	-11.54	0.28
300	10.061	-10.00	0.06
321	8.952	-8.87	



FOR BOI ISSUE

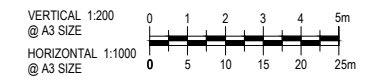
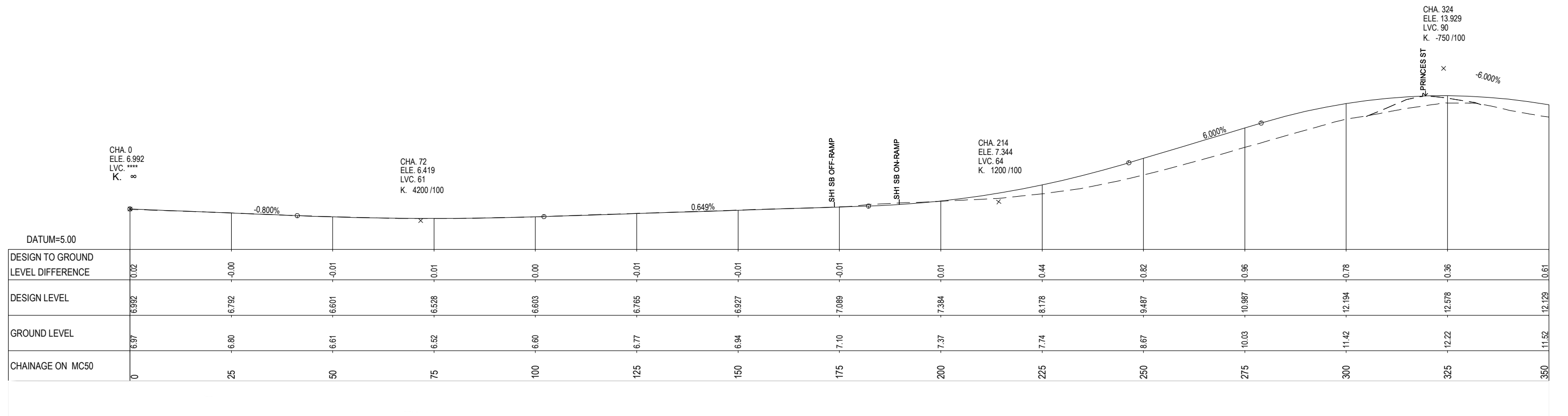
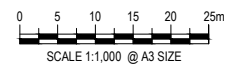
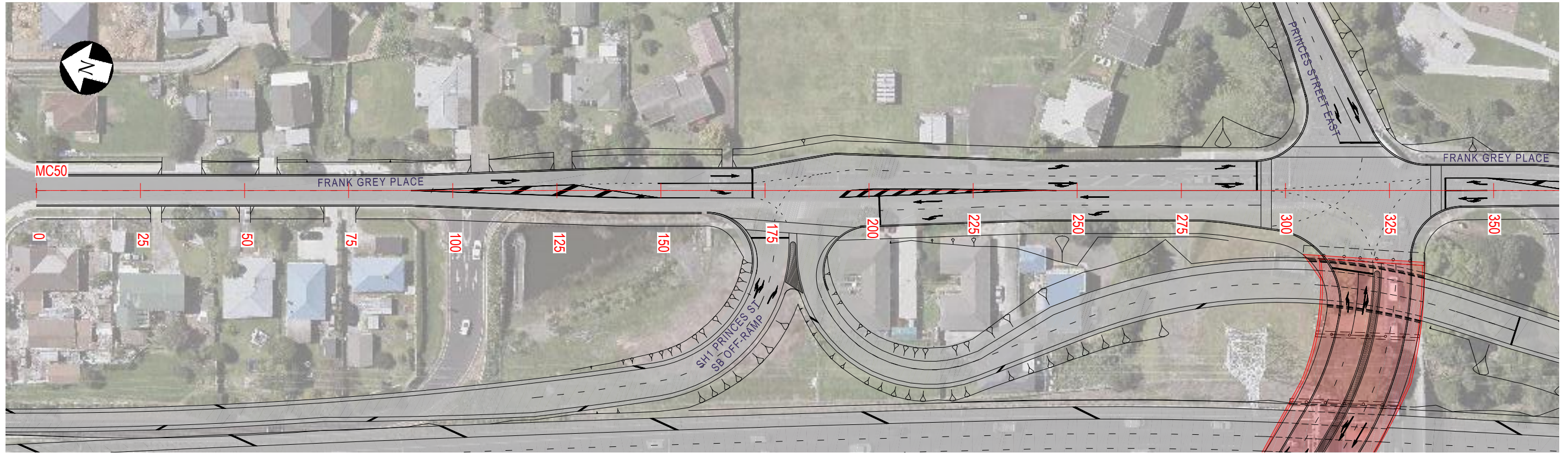
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed	Design Manager	Approved	Alliance Manager
Designed	R TAN	Design Check	J MURAHIDY		N NANCEKIVELL		J CALDWELL
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION PRINCES ST INTERCHANGE - MC40		
Drawing Number	AEE-C-251	Rev No.	1



FOR BOI ISSUE

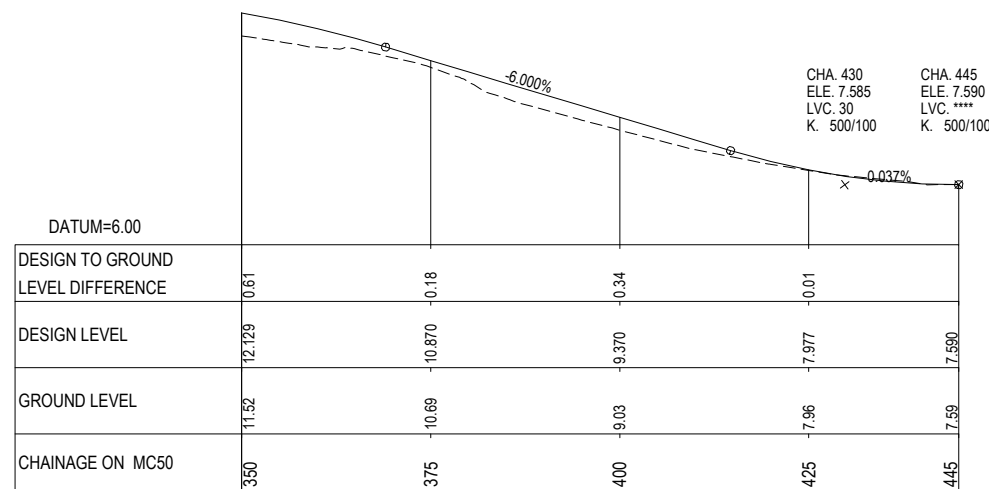
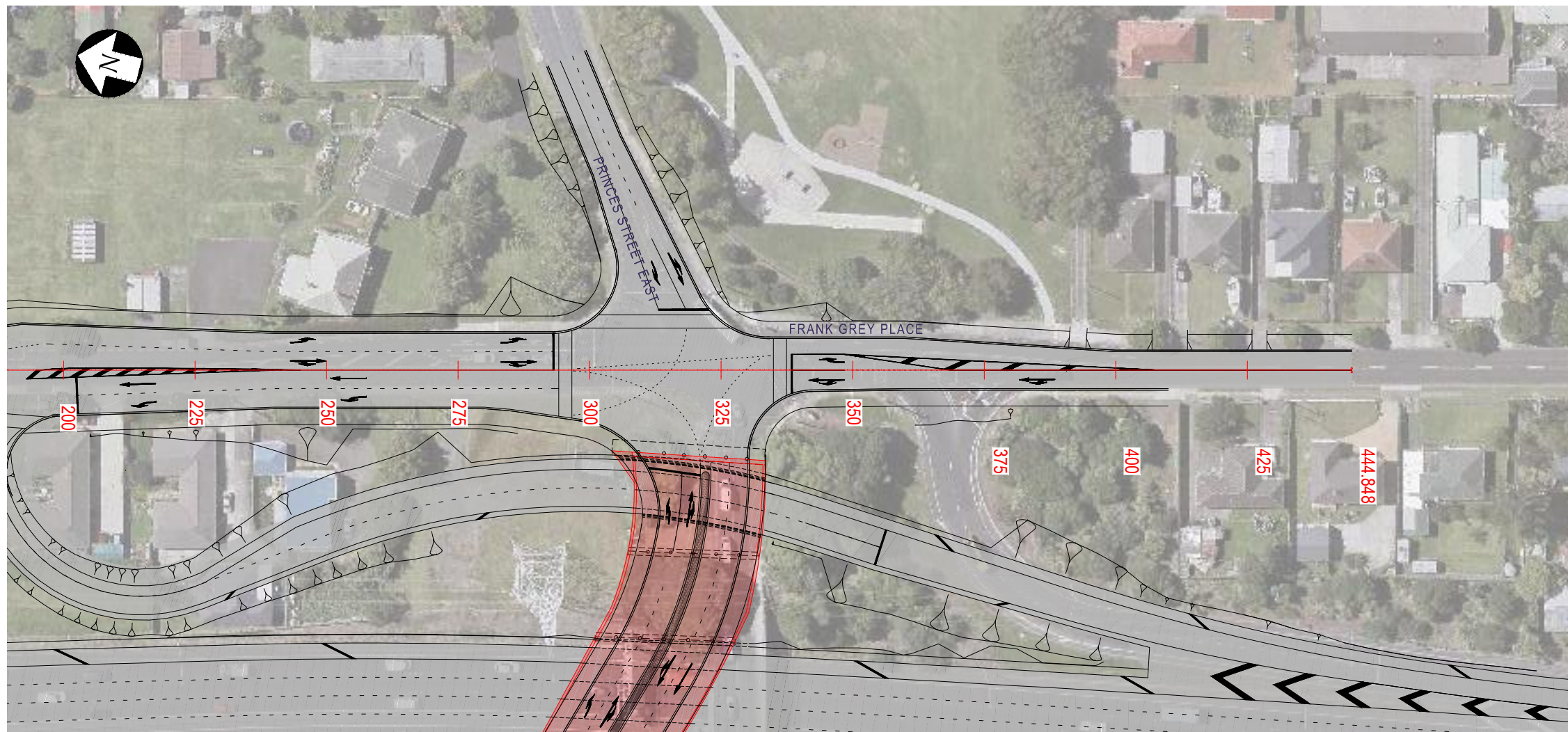
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed	N NANCEKIVELL	Approved	J CALDWELL
Designed	R TAN	Design Check	J MURAHIDY	Design Manager	27.06.17	Alliance Manager	27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION PRINCES ST INTERCHANGE - MC50	
Drawing Number	AEE-C-252	
Rev No.	1	



FOR BOI ISSUE

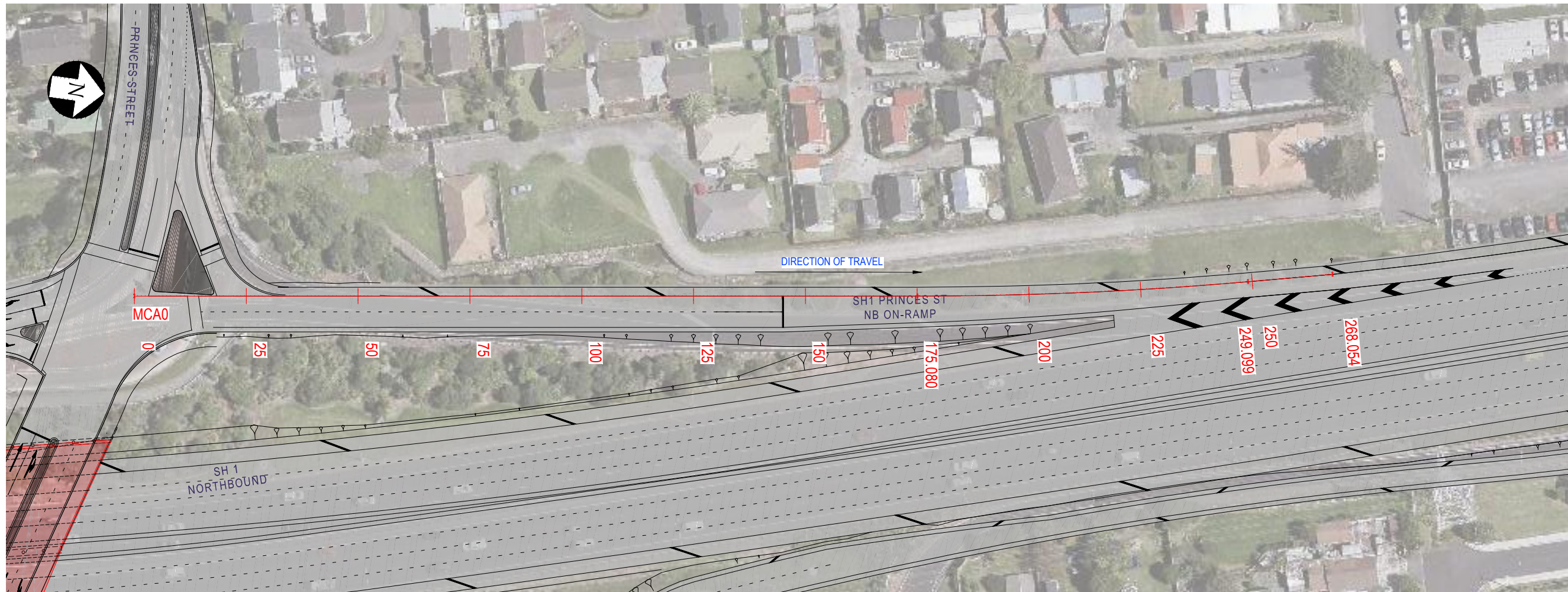
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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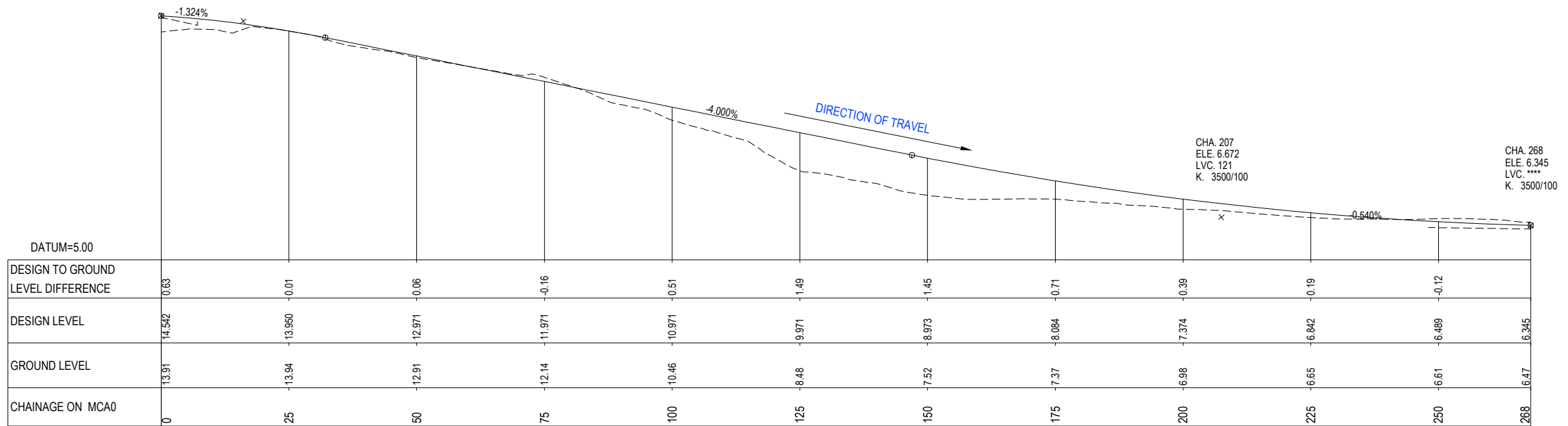
Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed	Design Manager	Approved	Alliance Manager
Designed	R TAN	Design Check	J MURAHIDY		N NANCEKIVELL		J CALDWELL
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION PRINCES ST INTERCHANGE - MC50 SHEET 02 OF 02		
Drawing Number	AEE-C-253		
Rev No.	1		



CHA 0
ELE. 14.542
LVC. ****
K. -1200/100

CHA 16
ELE. 14.329
LVC. 32
K. -1200/100



VERTICAL 1:200 @ A3 SIZE
HORIZONTAL 1:1000 @ A3 SIZE

FOR BOI ISSUE

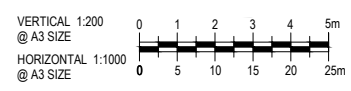
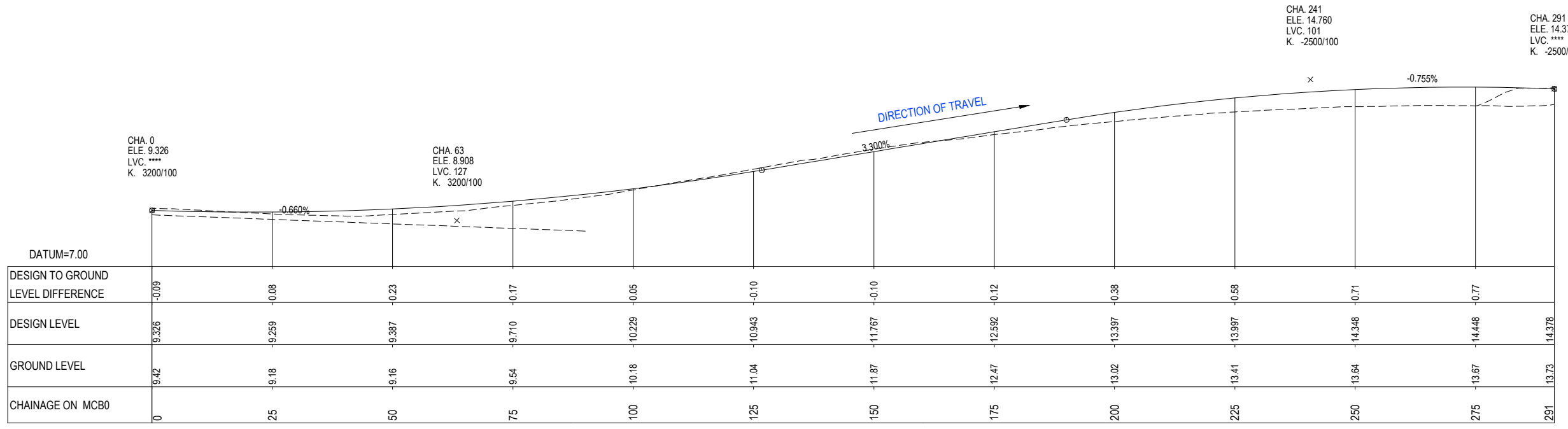
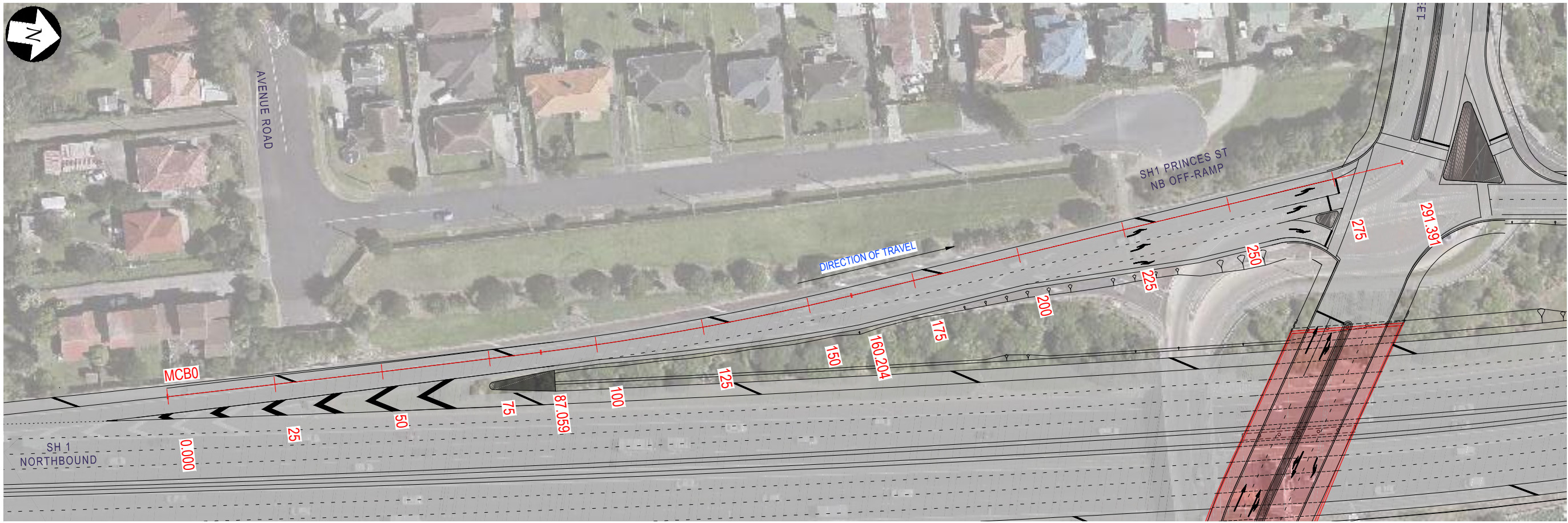
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	R TAN	Design Check	J MURAHIDY		27.06.17		27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION PRINCES ST INTERCHANGE - MCA0	
Drawing Number	AEE-C-254	Rev No.
		1



No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

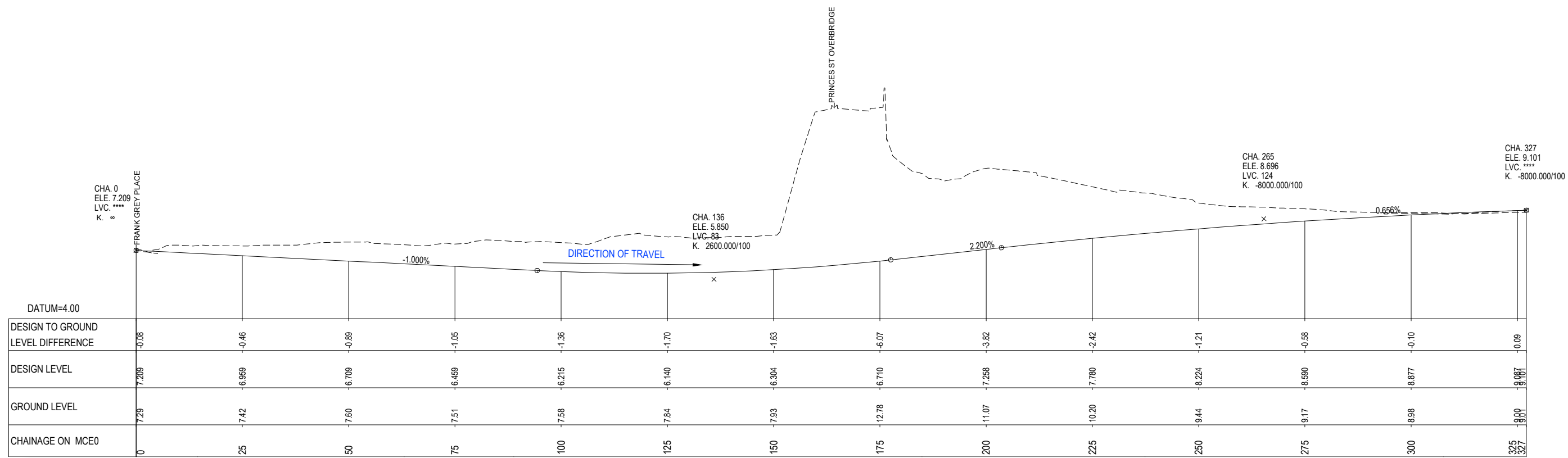
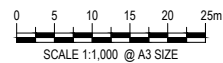
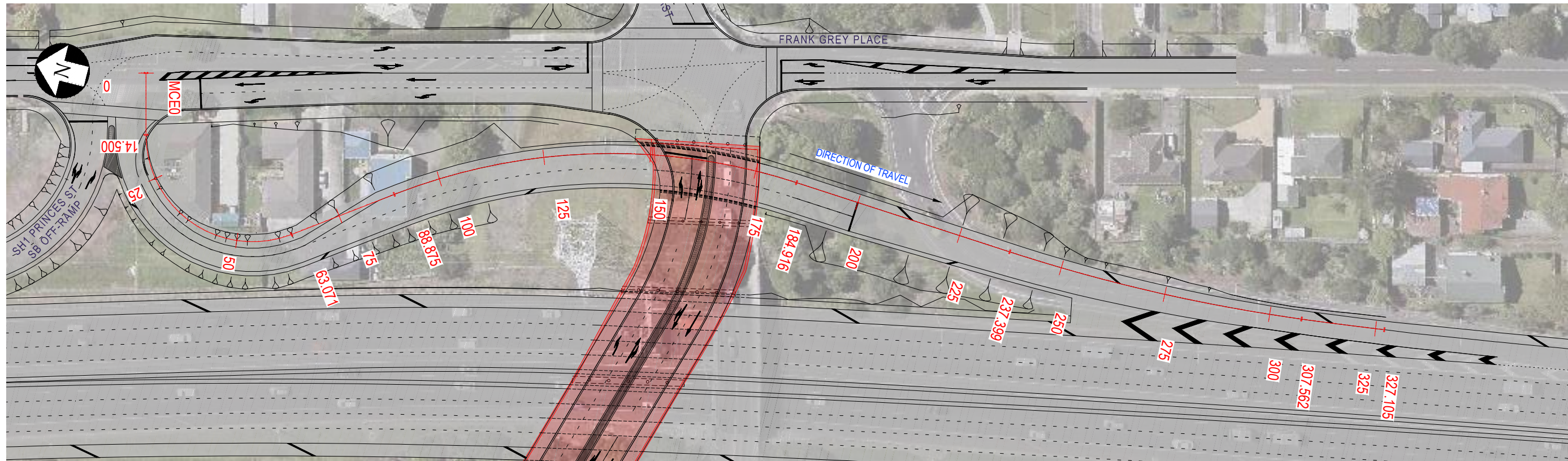
DISCLAIMER
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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	R TAN	Design Check	J MURAHIDY				
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION PRINCES ST INTERCHANGE - MCB0	
Drawing Number	AEE-C-255	Rev No. 1

FOR BOI ISSUE



FOR BOI ISSUE

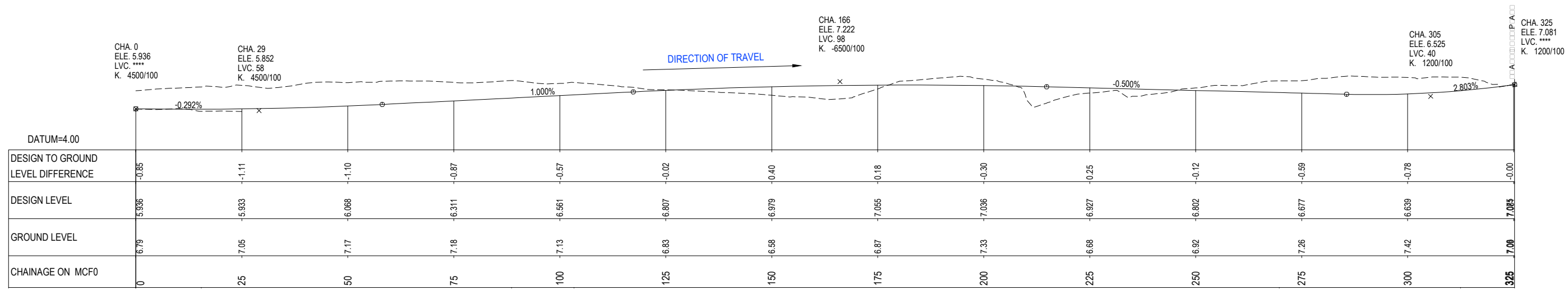
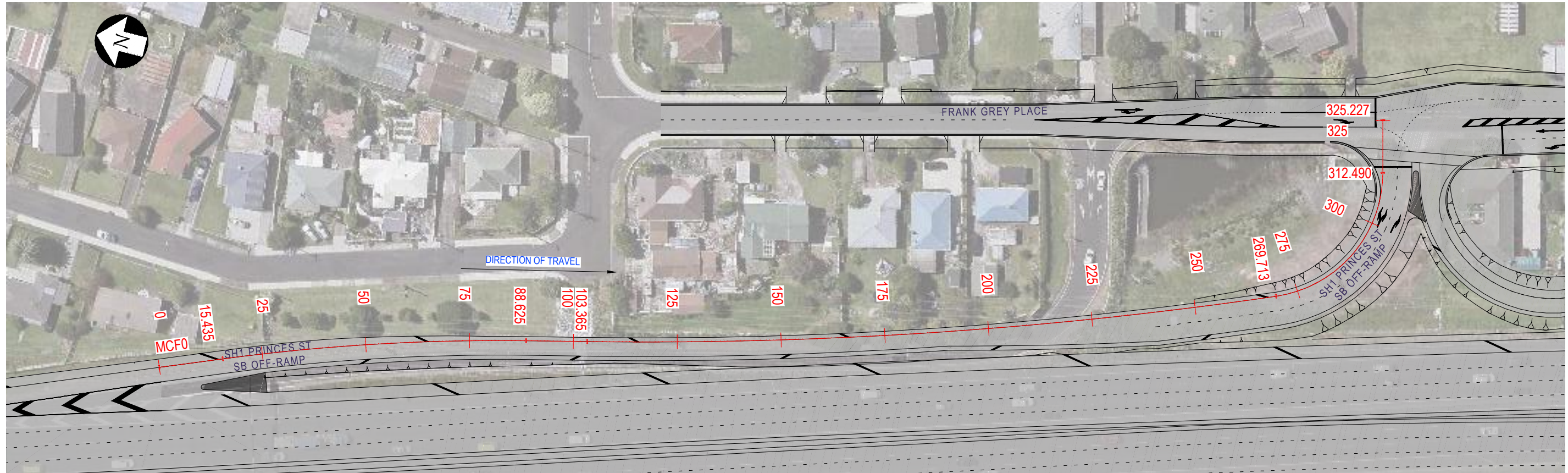
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn: A RAM	Drafting Check: J MURAHIDY	Reviewed Design Manager: N NANCEKIVELL	Approved Alliance Manager: J CALDWELL
Designed: R TAN	Design Check: J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No: PA4014

Drawing Title: PLAN AND LONG SECTION PRINCES ST INTERCHANGE - MCE0	Rev No.: 1
Drawing Number: AEE-C-256	



No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	R TAN	Design Check	J MURAHIDY				
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

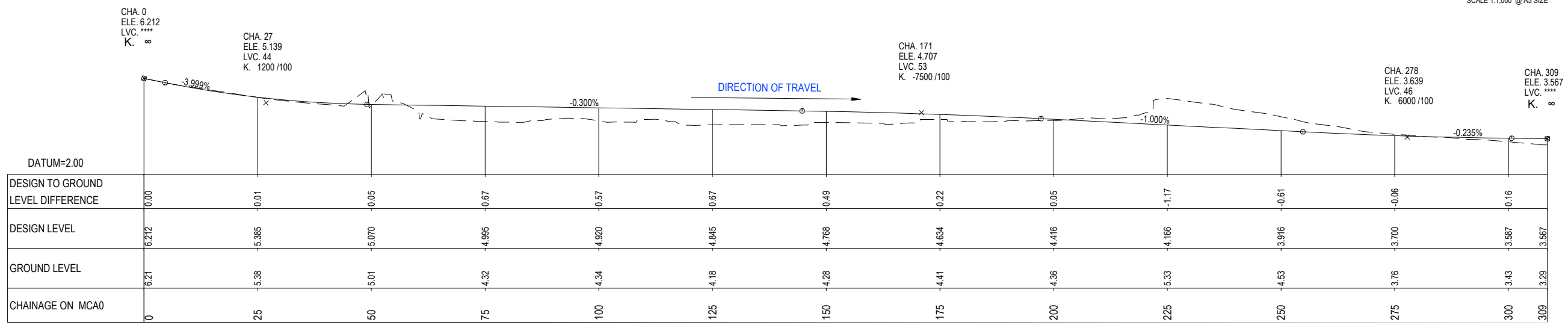
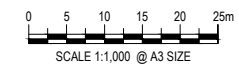
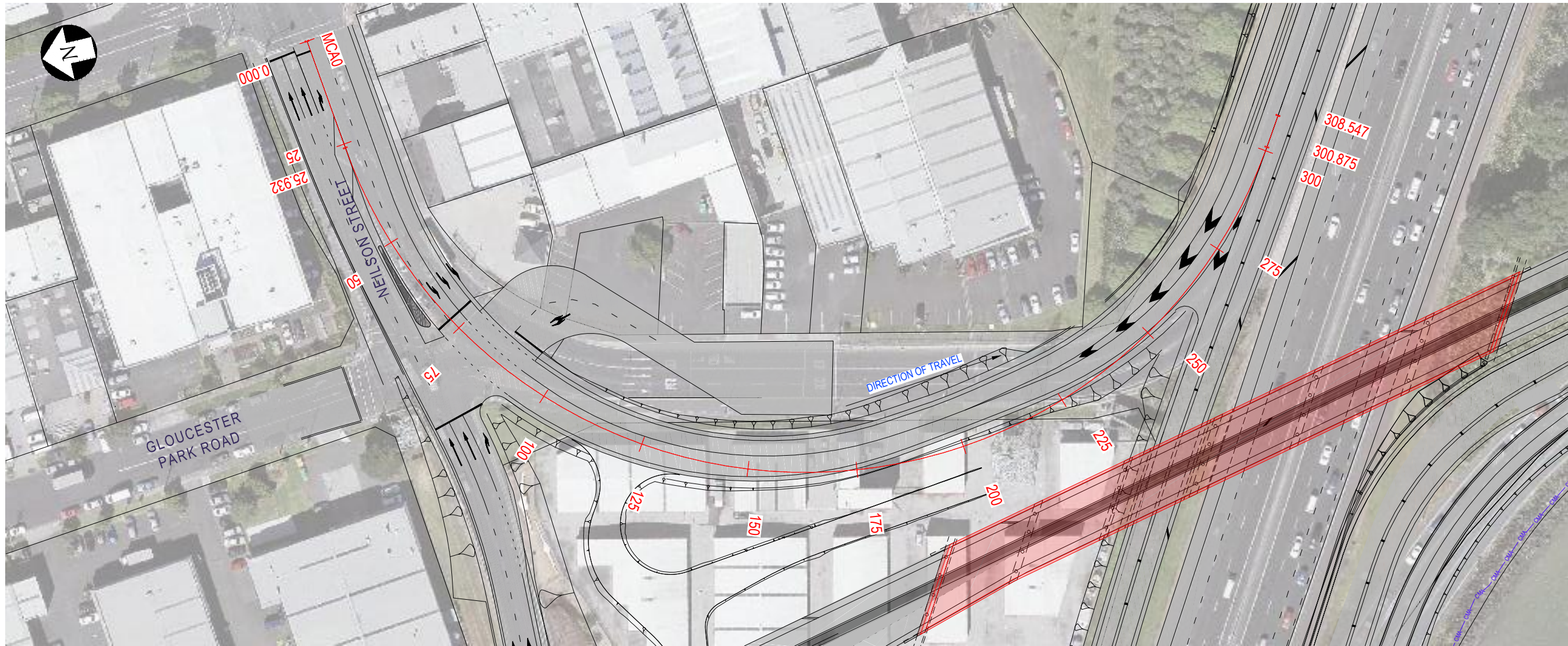
VERTICAL 1:200 @ A3 SIZE
 HORIZONTAL 1:1000 @ A3 SIZE

FOR BOI ISSUE

Drawing Title: **PLAN AND LONG SECTION PRINCES ST INTERCHANGE - MCFO**

Drawing Number: **AEE-C-257**

Rev No. **1**



FOR BOI ISSUE

No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed	Design Manager	Approved	Alliance Manager
Designed	R TAN	Design Check	J MURAHIDY		N NANCEKIVELL		J CALDWELL
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION NEILSON ST INTERCHANGE - MCA0		
Drawing Number	AEE-C-261	Rev No.	1



0 5 10 15 20 25m
SCALE 1:1,000 @ A3 SIZE

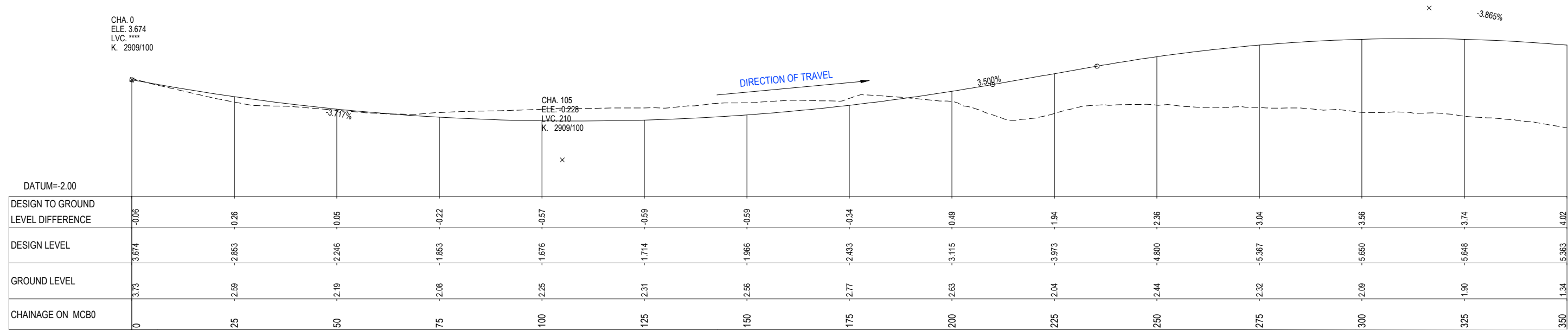
CHA. 316
ELE. 7.172
LVC. 162
K. -2200/100

CHA. 0
ELE. 3.674
LVC. ****
K. 2909/100

-3.865%

DIRECTION OF TRAVEL

CHA. 105
ELE. -0.228
LVC. 210
K. 2909/100



VERTICAL 1:200
@ A3 SIZE
HORIZONTAL 1:1000
@ A3 SIZE

FOR BOI ISSUE

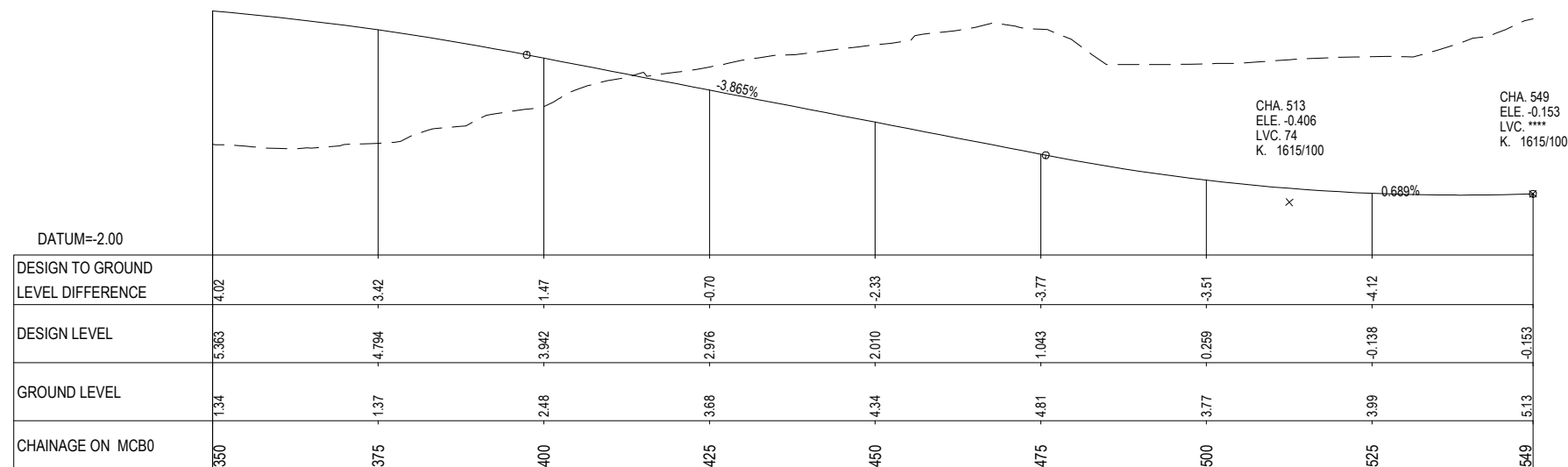
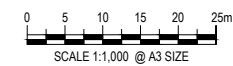
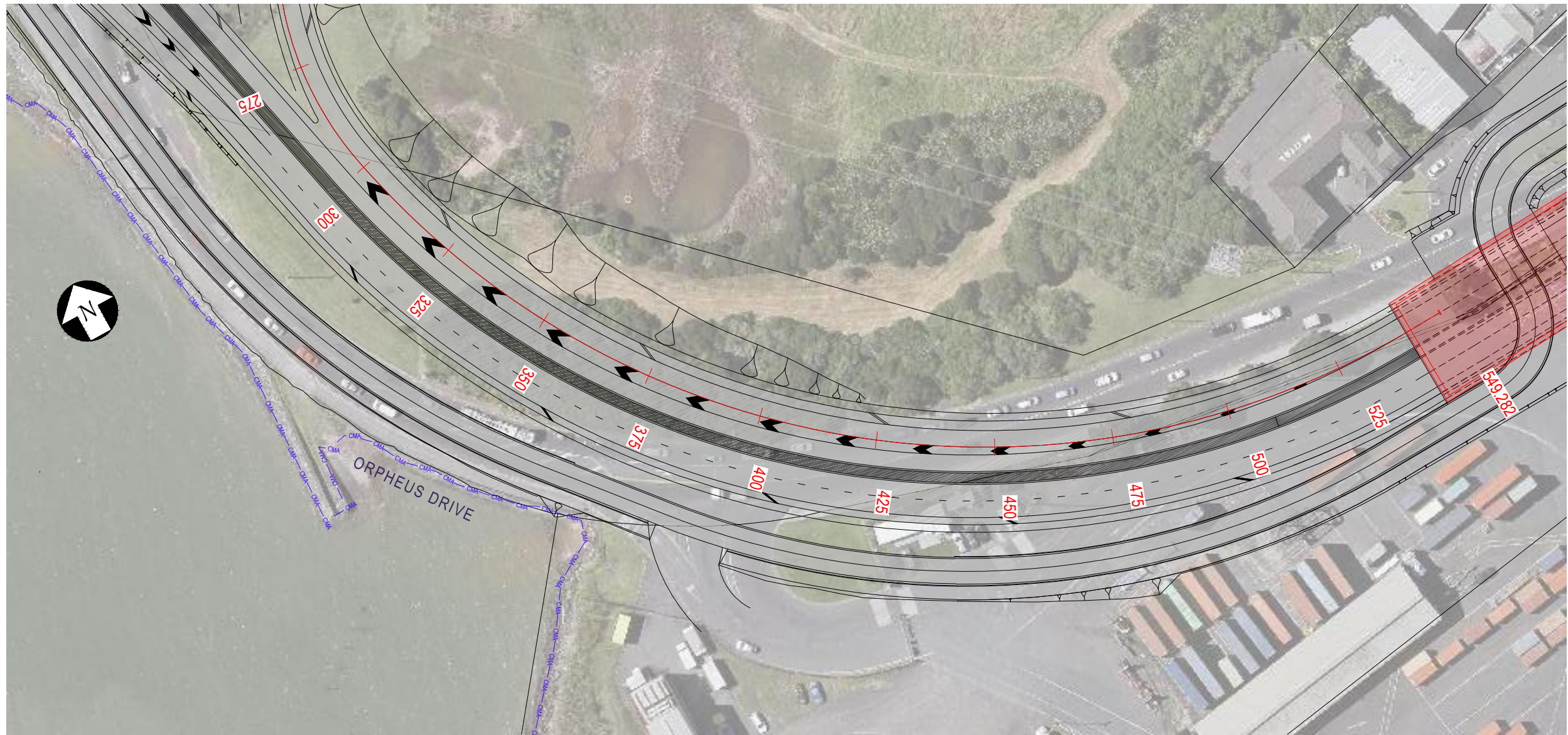
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION NEILSON ST INTERCHANGE - MCB0 SHEET 01 OF 01	Drawing Number AEE-C-262	Rev No. 1
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FOR BOI ISSUE

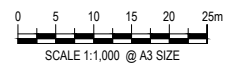
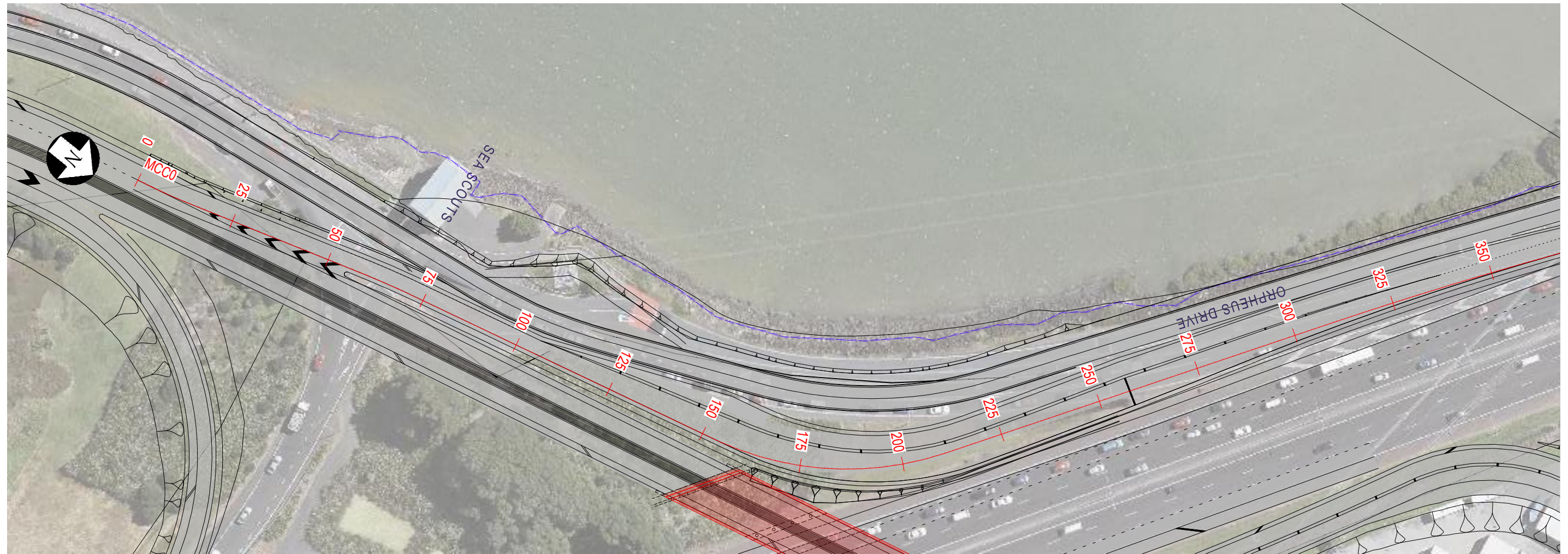
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION NEILSON ST INTERCHANGE - MCB0 SHEET 02 OF 02	Drawing Number AEE-C-263	Rev No. 1
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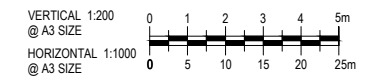
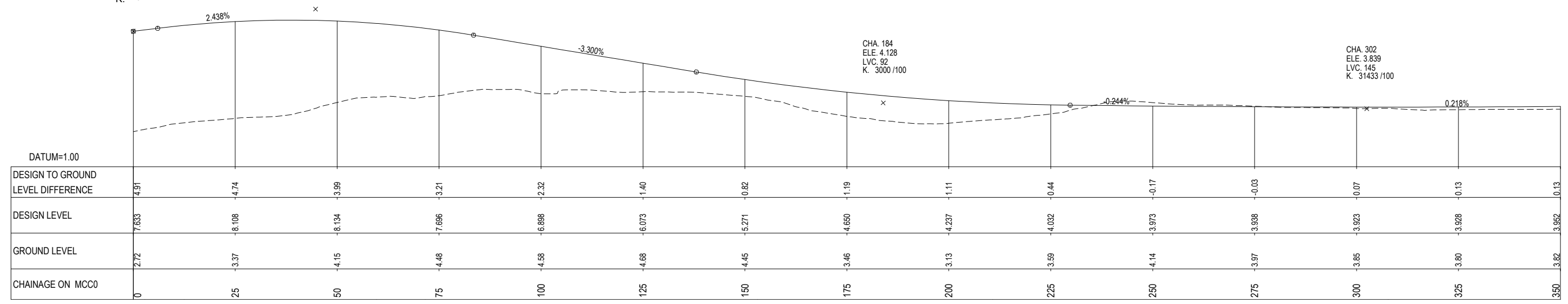


CHA. 0
ELE. 7.633
LVC. ***
K. 8

CHA. 45
ELE. 8.722
LVC. 77
K. -1350/100

CHA. 184
ELE. 4.128
LVC. 92
K. 3000/100

CHA. 302
ELE. 3.839
LVC. 145
K. 31433/100



FOR BOI ISSUE

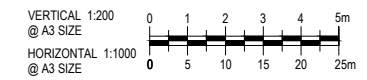
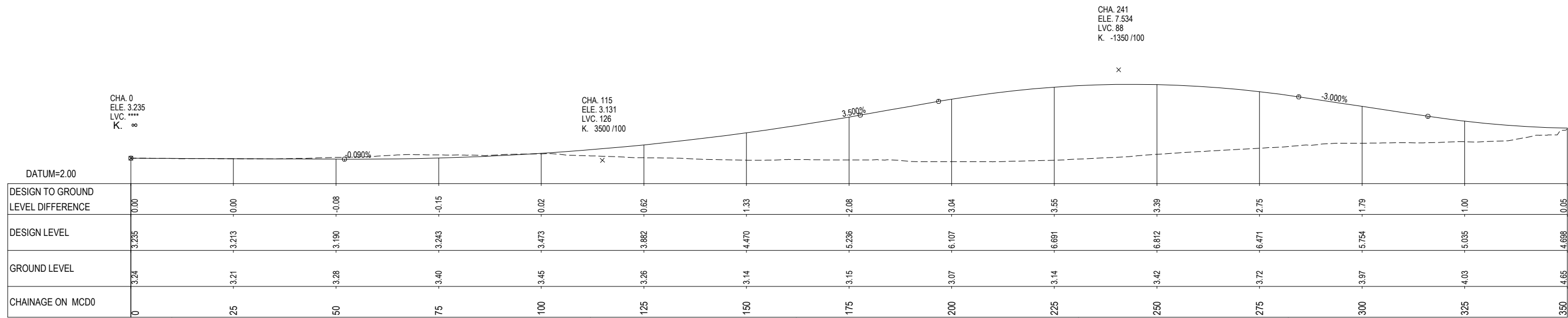
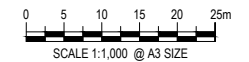
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION NEILSON ST INTERCHANGE - MCC0 SHEET 01 OF 01	Drawing Number AEE-C-264	Rev No. 1
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FOR BOI ISSUE

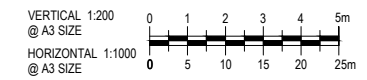
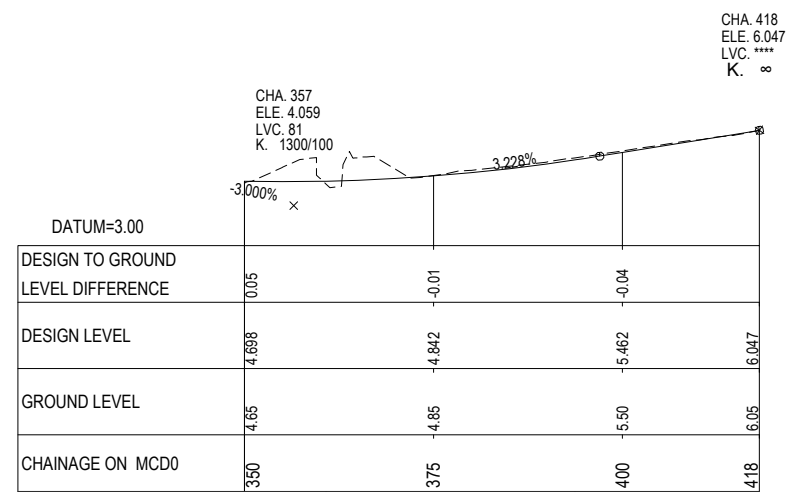
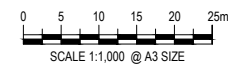
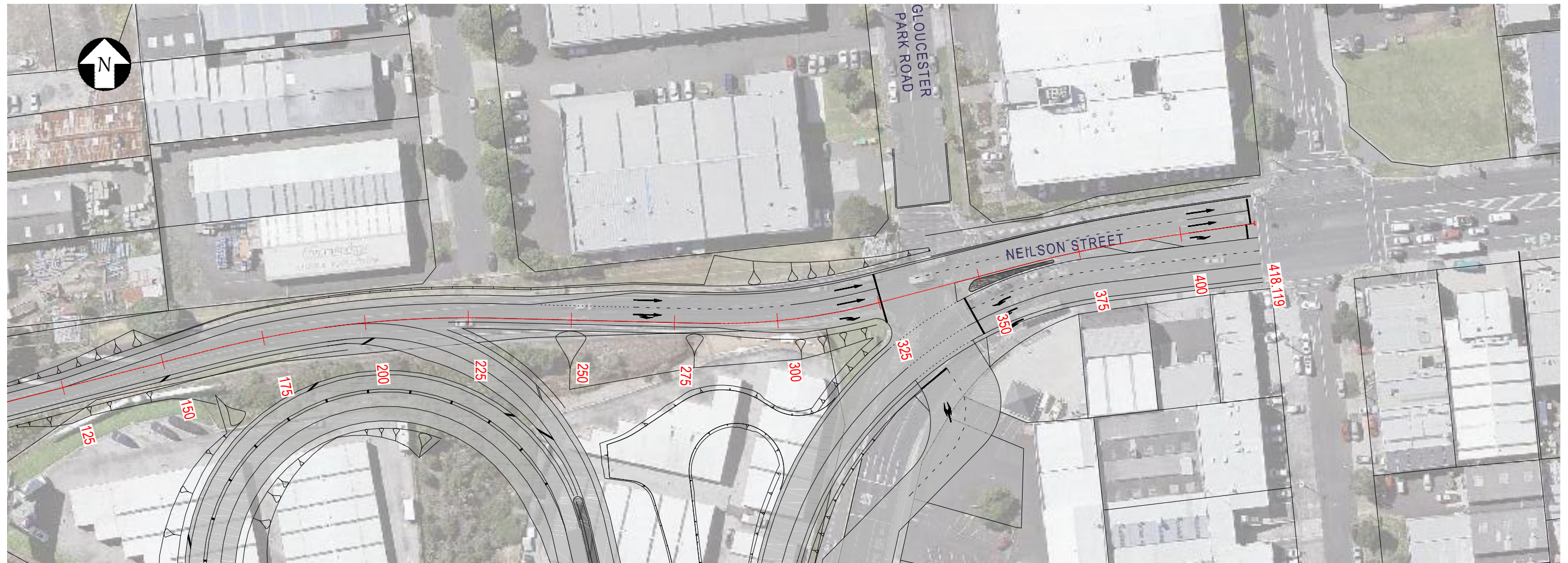
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	R TAN	Design Check	J MURAHIDY		27.06.17		27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION NEILSON ST INTERCHANGE - MCD0 SHEET 01 OF 01	
Drawing Number	AEE-C-266	Rev No. 1



FOR BOI ISSUE

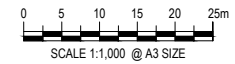
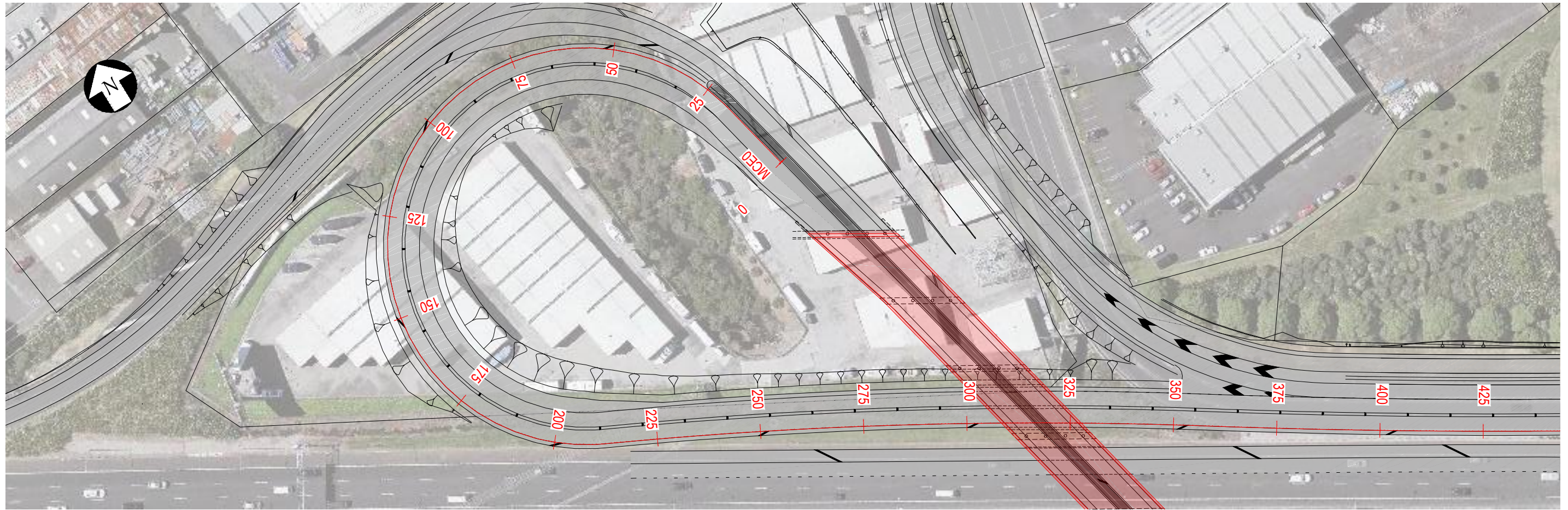
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1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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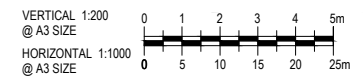
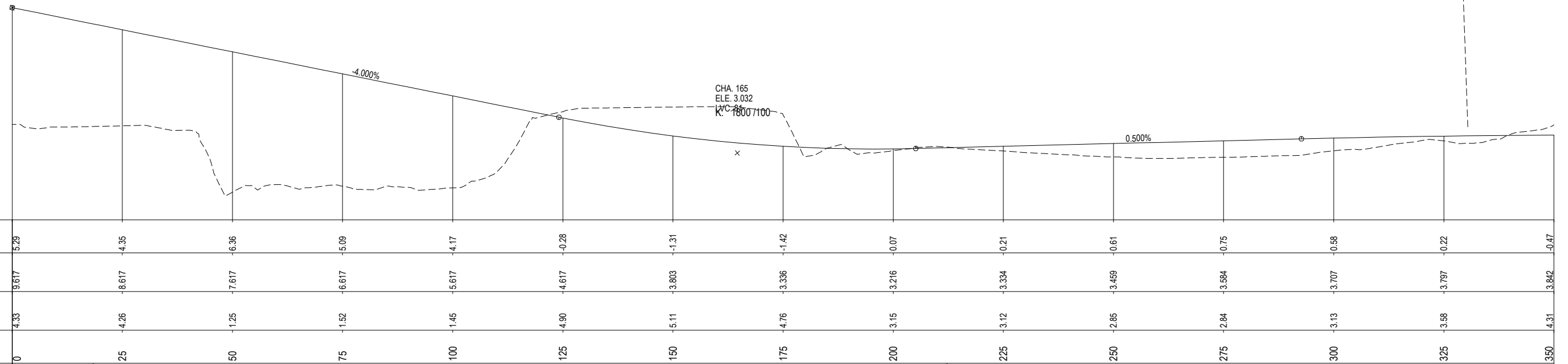


Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION NEILSON ST INTERCHANGE - MCD0 SHEET 02 OF 02	Drawing Number AEE-C-267	Rev No. 1
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CHA 0
ELE. 9.617
LVC. ****
K. 8



FOR BOI ISSUE

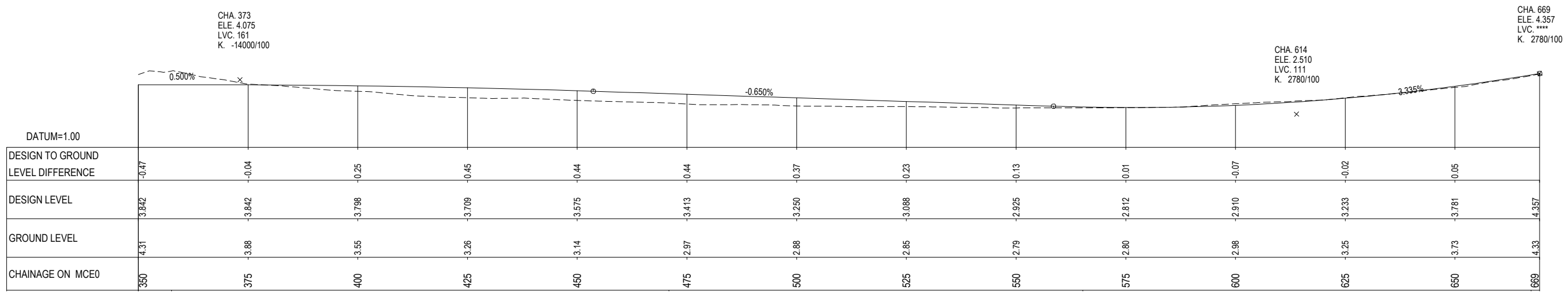
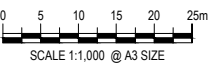
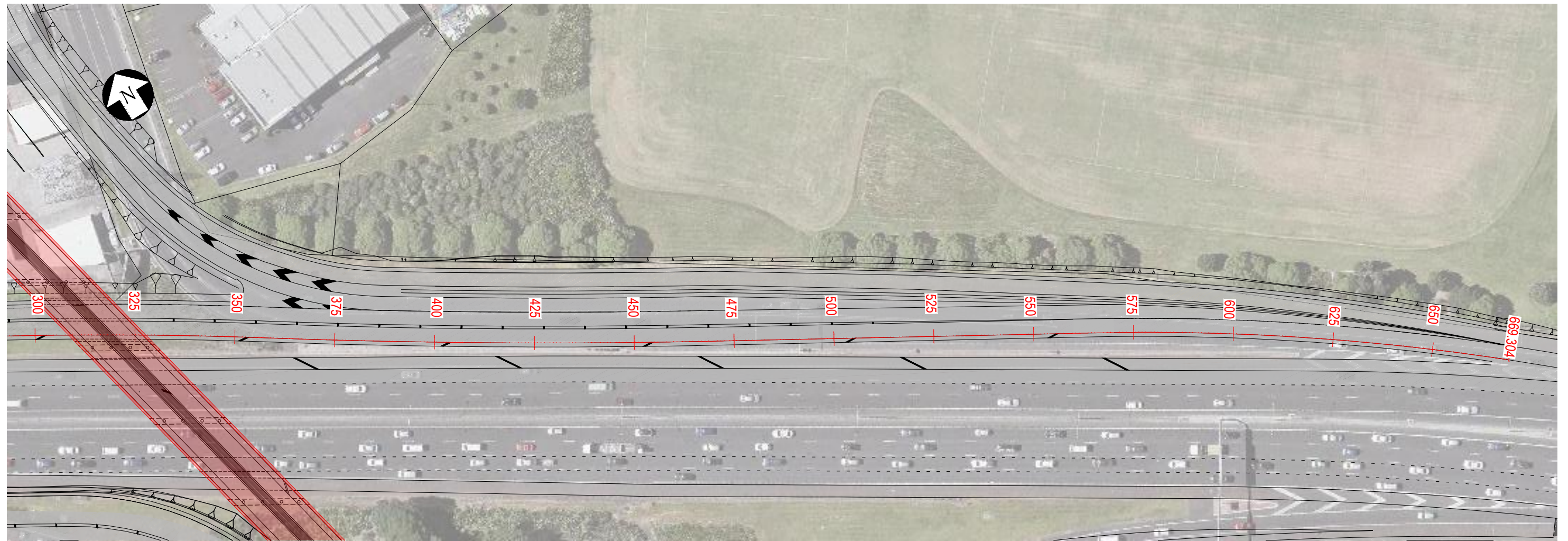
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	R TAN	Design Check	J MURAHIDY				
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION NEILSON ST INTERCHANGE - MCE0 SHEET 01 OF 01		
Drawing Number	AEE-C-268		
Rev No.	1		



FOR BOI ISSUE

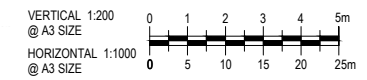
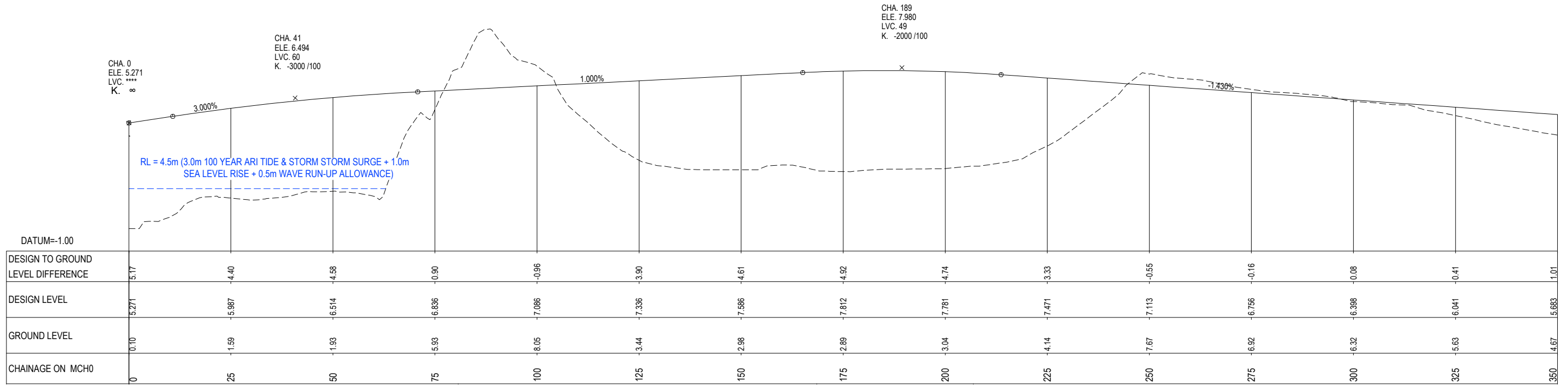
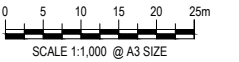
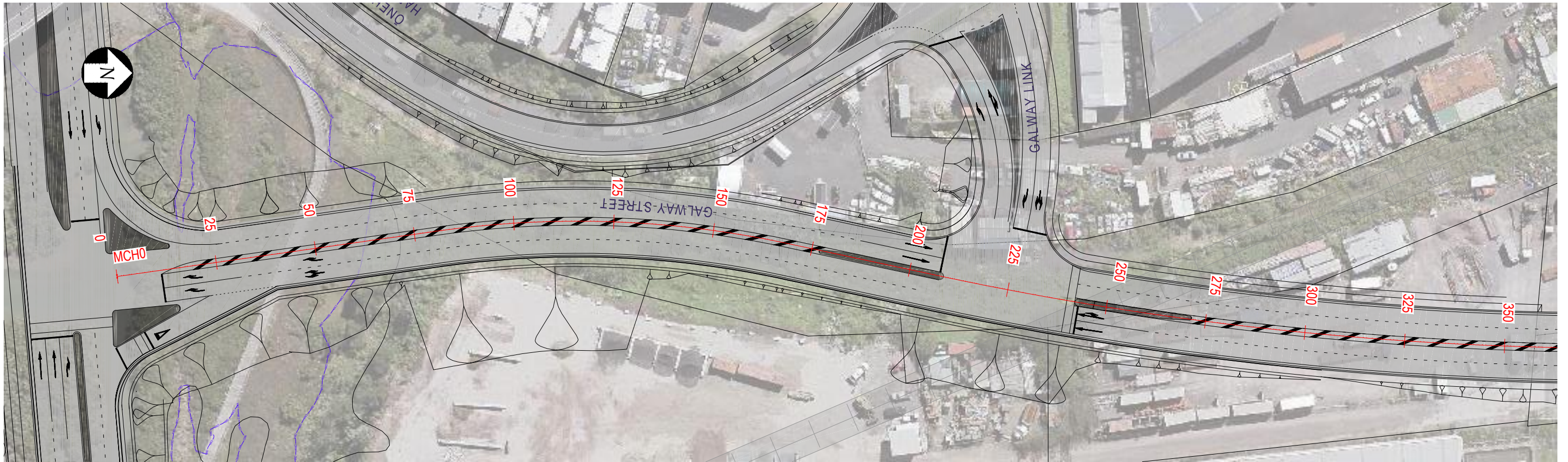
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)		Reduced Scale (A3)	AS SHOWN
Contract No PA4014			

Drawing Title PLAN AND LONG SECTION NEILSON ST INTERCHANGE - MCE0 SHEET 02 OF 02	Drawing Number AEE-C-269	Rev No. 1
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FOR BOI ISSUE

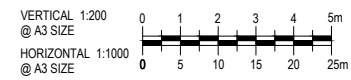
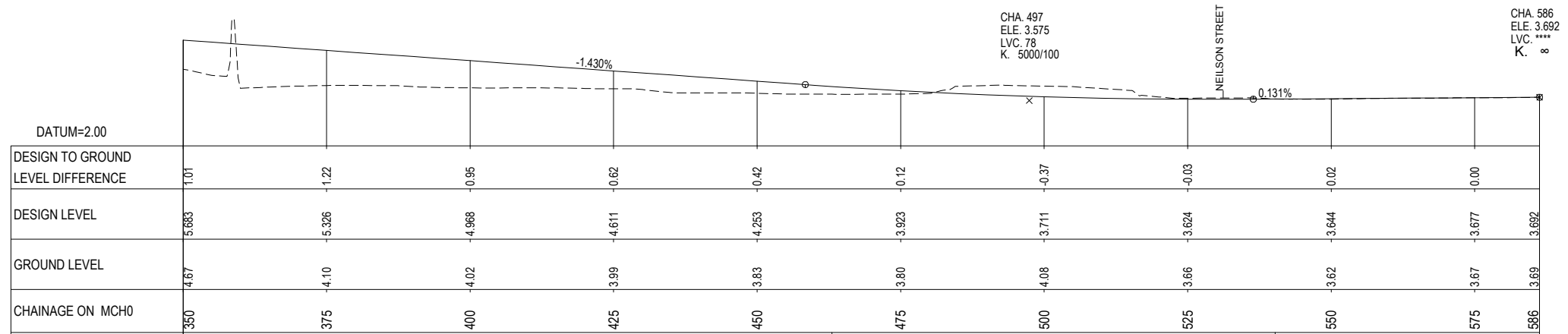
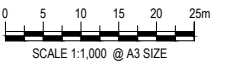
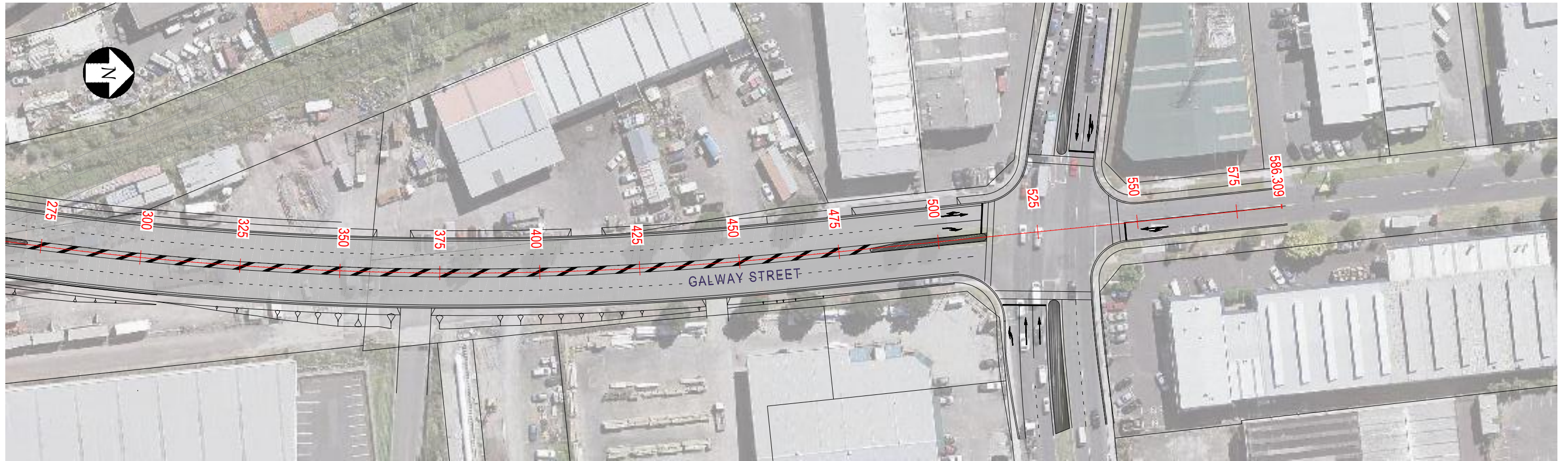
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	R TAN	Design Check	J MURAHIDY				
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION NEILSON ST INTERCHANGE - MCH0 SHEET 01 OF 01
Drawing Number	AEE-C-270
Rev No.	1



FOR BOI ISSUE

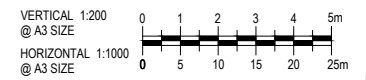
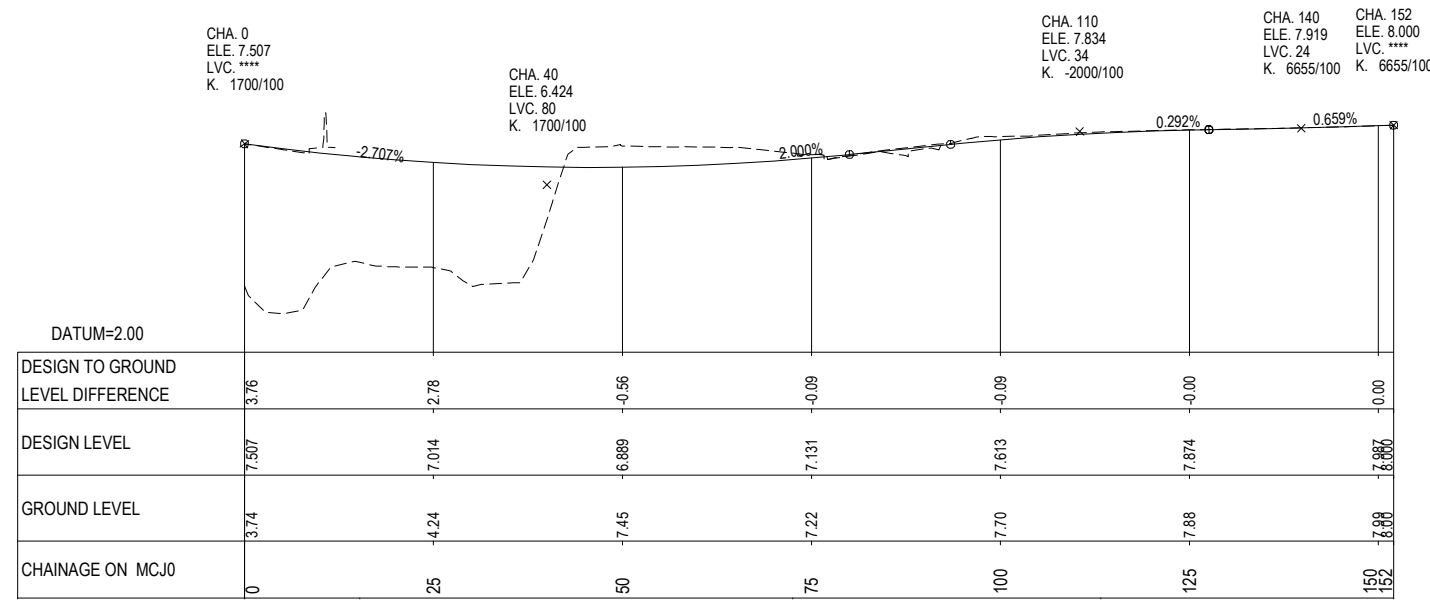
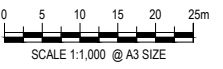
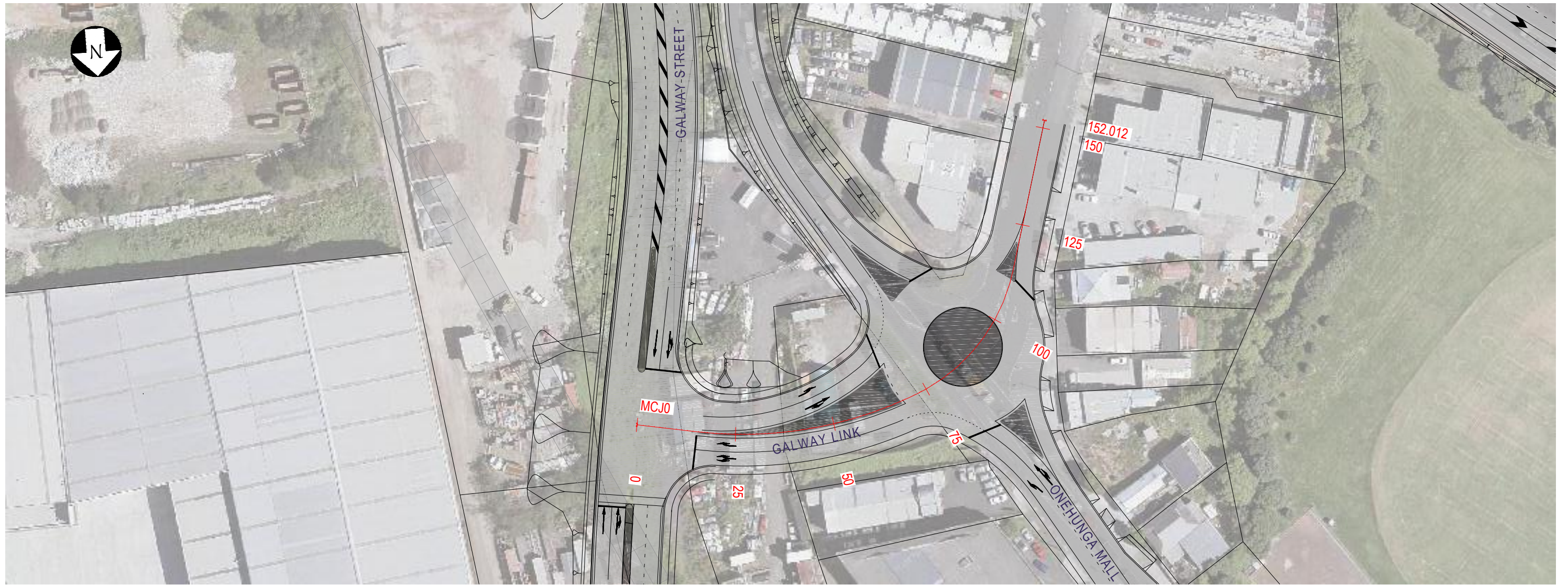
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION NEILSON ST INTERCHANGE - MCH0 SHEET 02 OF 02	Drawing Number AEE-C-271	Rev No. 1
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FOR BOI ISSUE

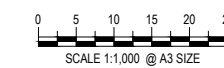
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1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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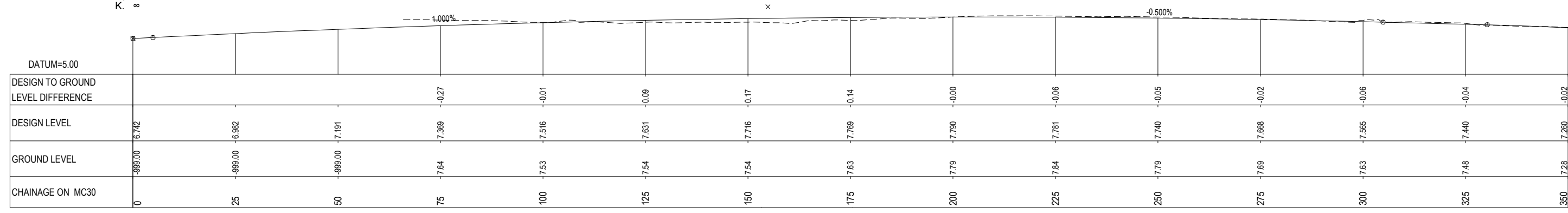
Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION GALWAY LINK - MCJ0	Rev No. 1
Drawing Number AEE-C-272	



CHA. 0
ELE. 6.742
LVC. ***
K. ∞

CHA. 155
ELE. 8.291
LVC. 300
K. -20000/100



FOR BOI ISSUE

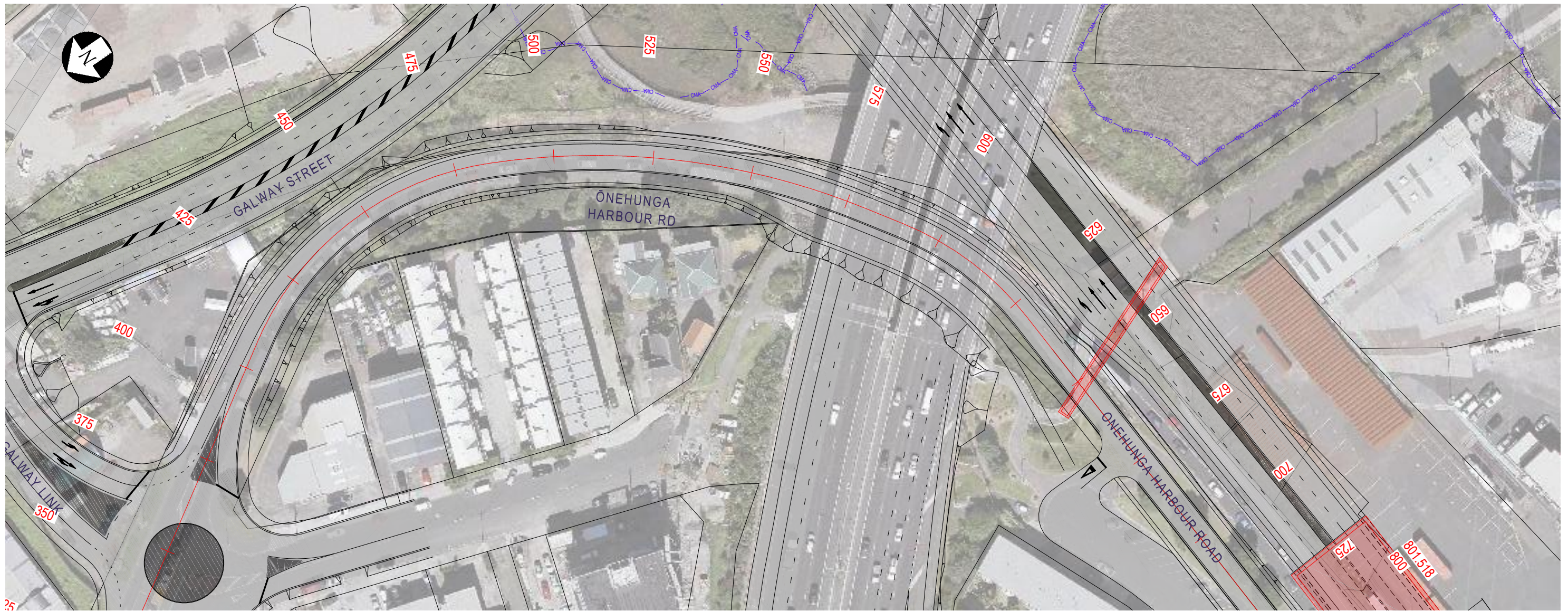
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0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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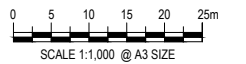


Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION ONEHUNGA MALL - MC30 SHEET 01 OF 03	Rev No. 1
Drawing Number AEE-C-277	

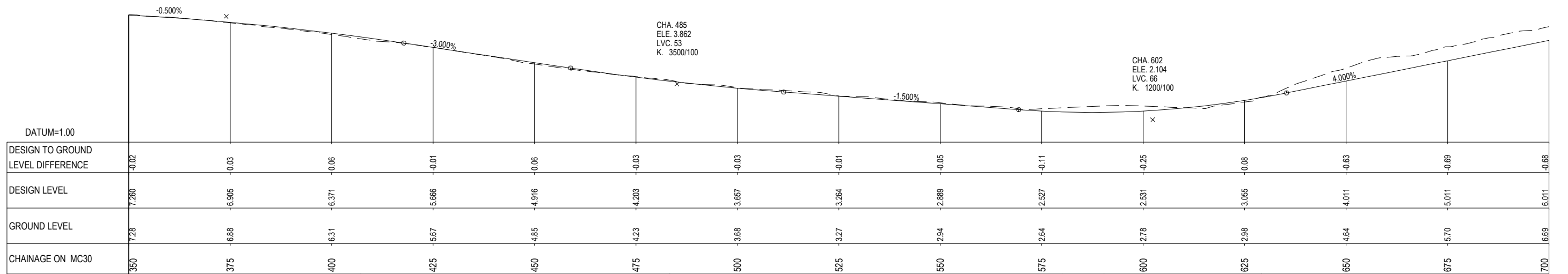


CHA. 374
ELE. 7.195
LVC. 87
K. -3500/100



CHA. 485
ELE. 3.862
LVC. 53
K. 3500/100

CHA. 602
ELE. 2.104
LVC. 66
K. 1200/100



FOR BOI ISSUE

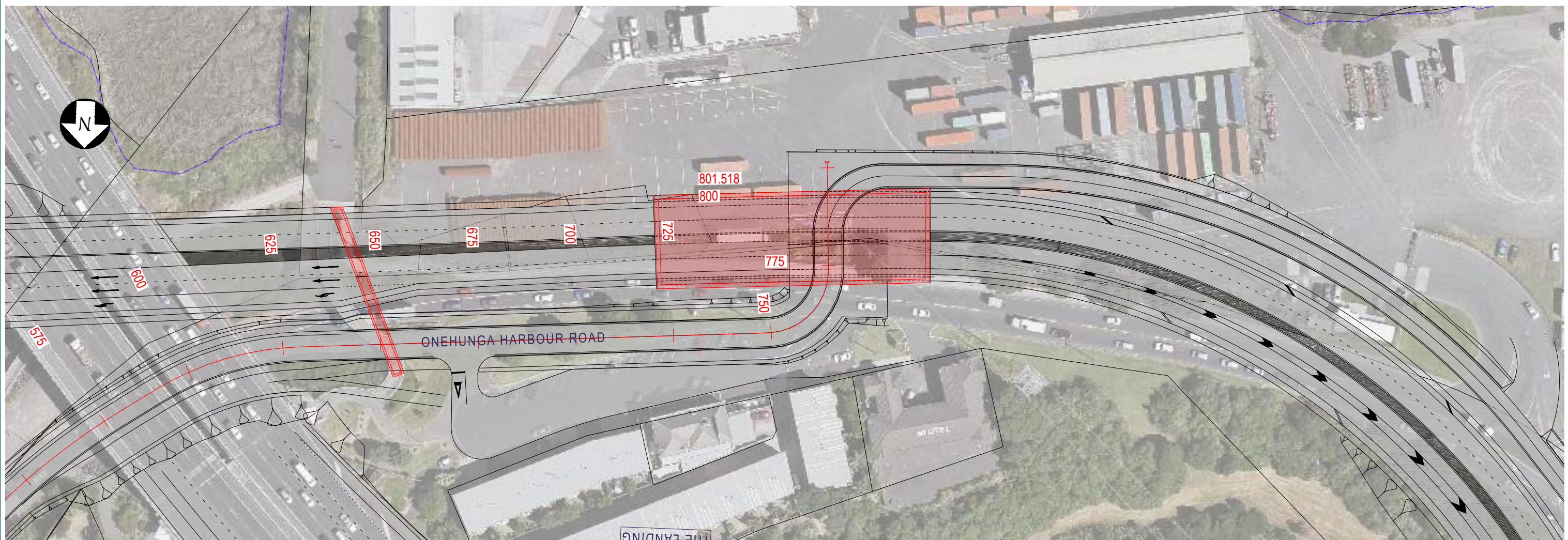
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1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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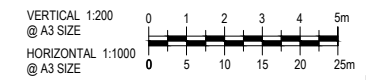
Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION ONEHUNGA HARBOUR ROAD - MC30 SHEET 02 OF 03	Drawing Number AEE-C-278	Rev No. 1
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CHA. 755
ELE. 8.216
LVC. 58
K. -1300/100

CHA. 802
ELE. 7.984
LVC. ****
K. ∞



FOR BOI ISSUE

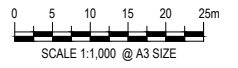
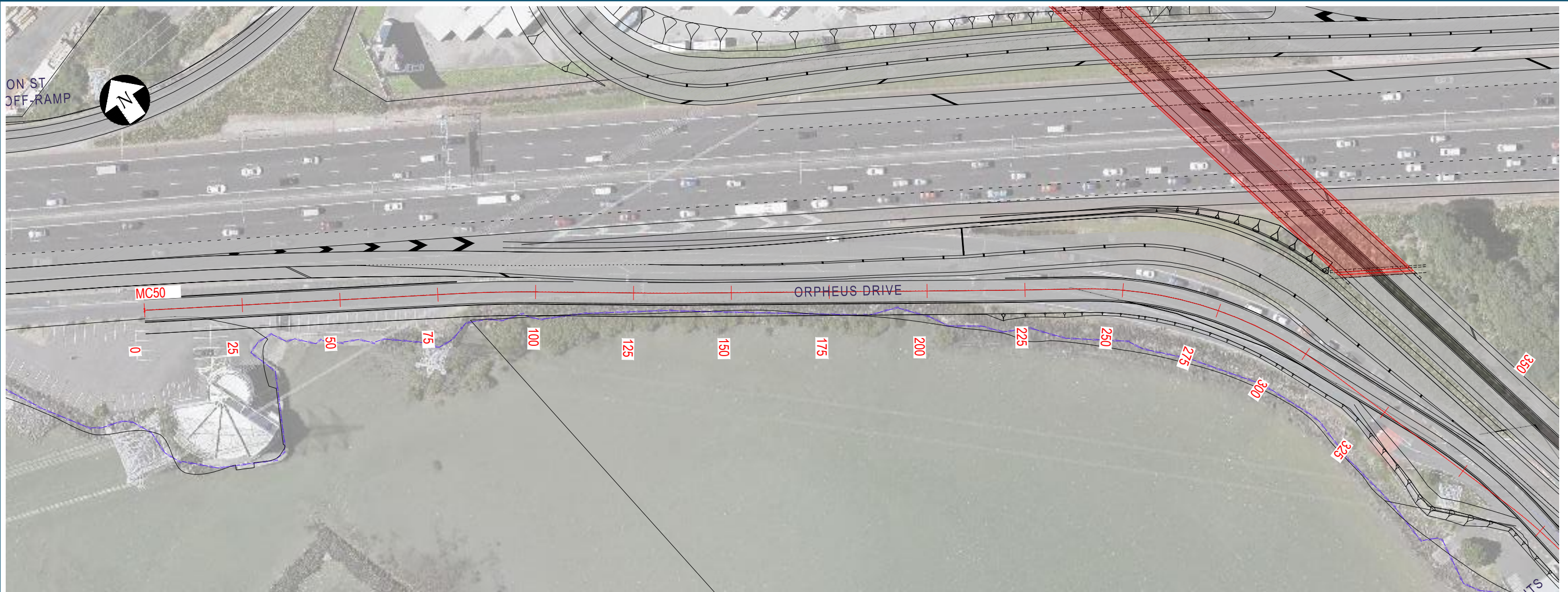
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1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	R TAN	Design Check	J MURAHIDY				
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION ONEHUNGA HARBOUR ROAD - MC30 SHEET 03 OF 03		
Drawing Number	AEE-C-279		
Rev No.	1		



CHA. 346
 ELE. 5.084
 LVC. 178
 K. -8000/100

-1.229%

CHA. 0
 ELE. 2.831
 LVC. *****
 K. 8

CHA. 162
 ELE. 3.246
 LVC. 59
 K. 8000/100

	0	25	50	75	100	125	150	175	200	225	250	275	300	325	350
DESIGN TO GROUND LEVEL DIFFERENCE	0.00	-0.20	-0.21	-0.10	-0.07	-0.05	-0.12	-0.03	-0.10	-0.06	-0.10	-0.06	-0.04	-0.03	0.11
DESIGN LEVEL	2.831	2.631	2.669	2.923	3.087	3.152	3.236	3.395	3.628	3.878	4.128	4.357	4.509	4.584	4.580
GROUND LEVEL	2.83	2.61	2.75	2.92	3.08	3.20	3.36	3.43	3.64	3.82	4.23	4.42	4.55	4.56	4.47
CHAINAGE ON MC50	0	25	50	75	100	125	150	175	200	225	250	275	300	325	350



FOR BOI ISSUE

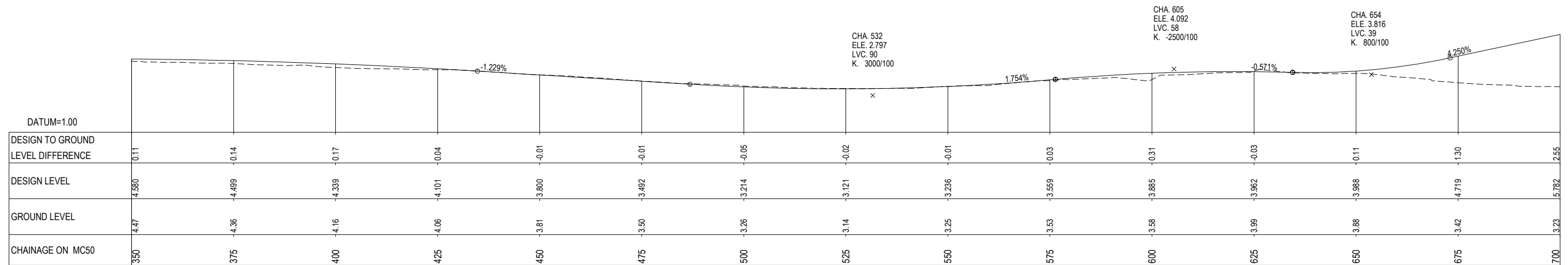
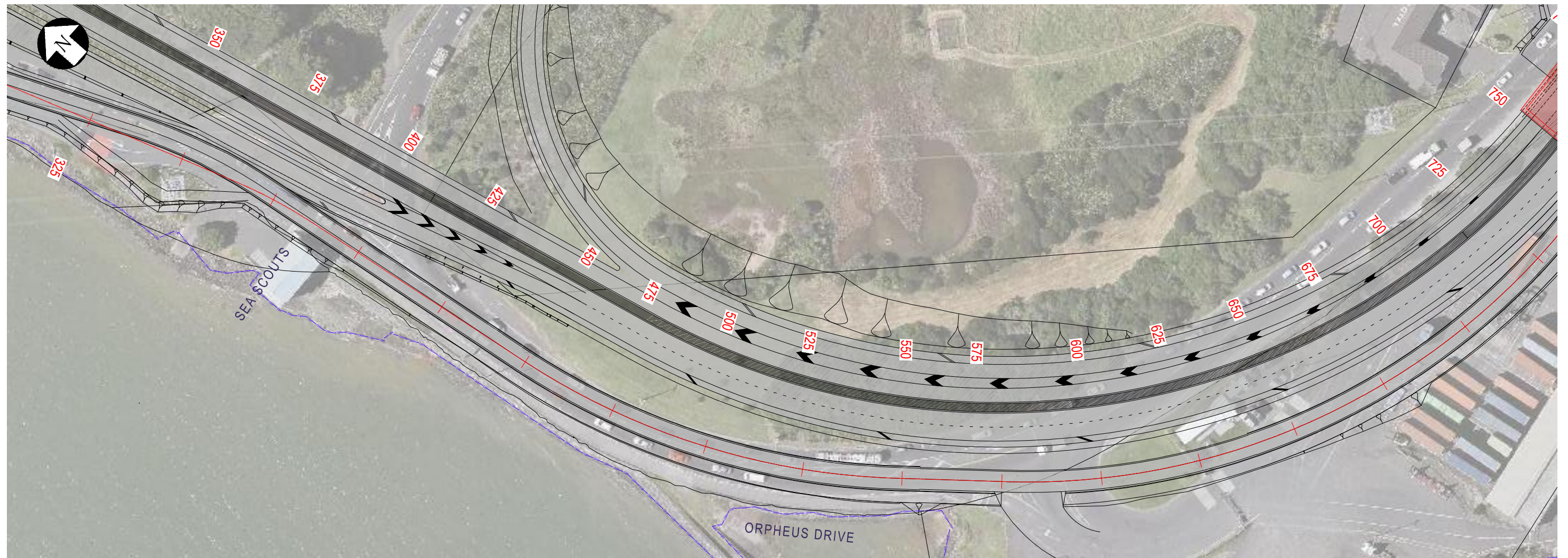
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION ORPHEUS DRIVE - MC50 SHEET 01 OF 03	Rev No. 1
Drawing Number AEE-C-280	



FOR BOI ISSUE

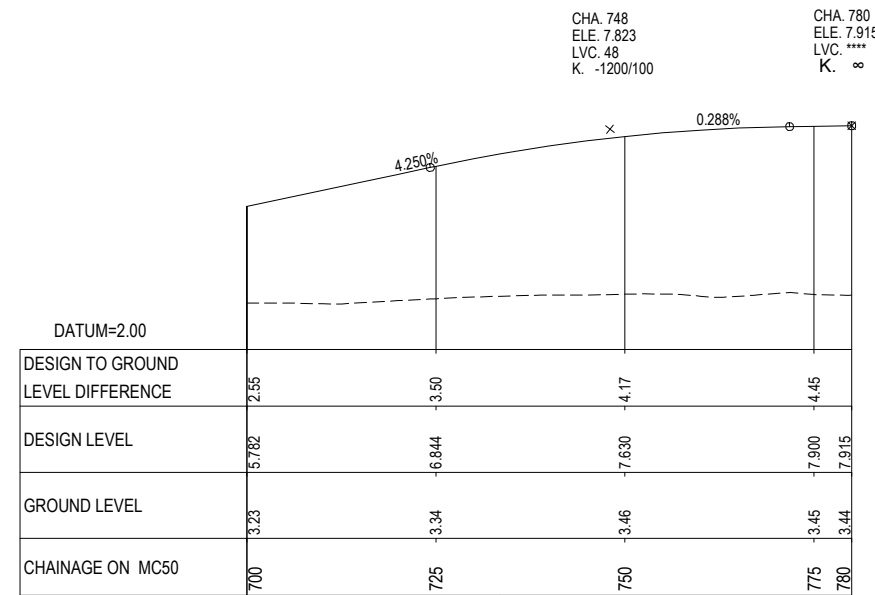
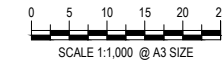
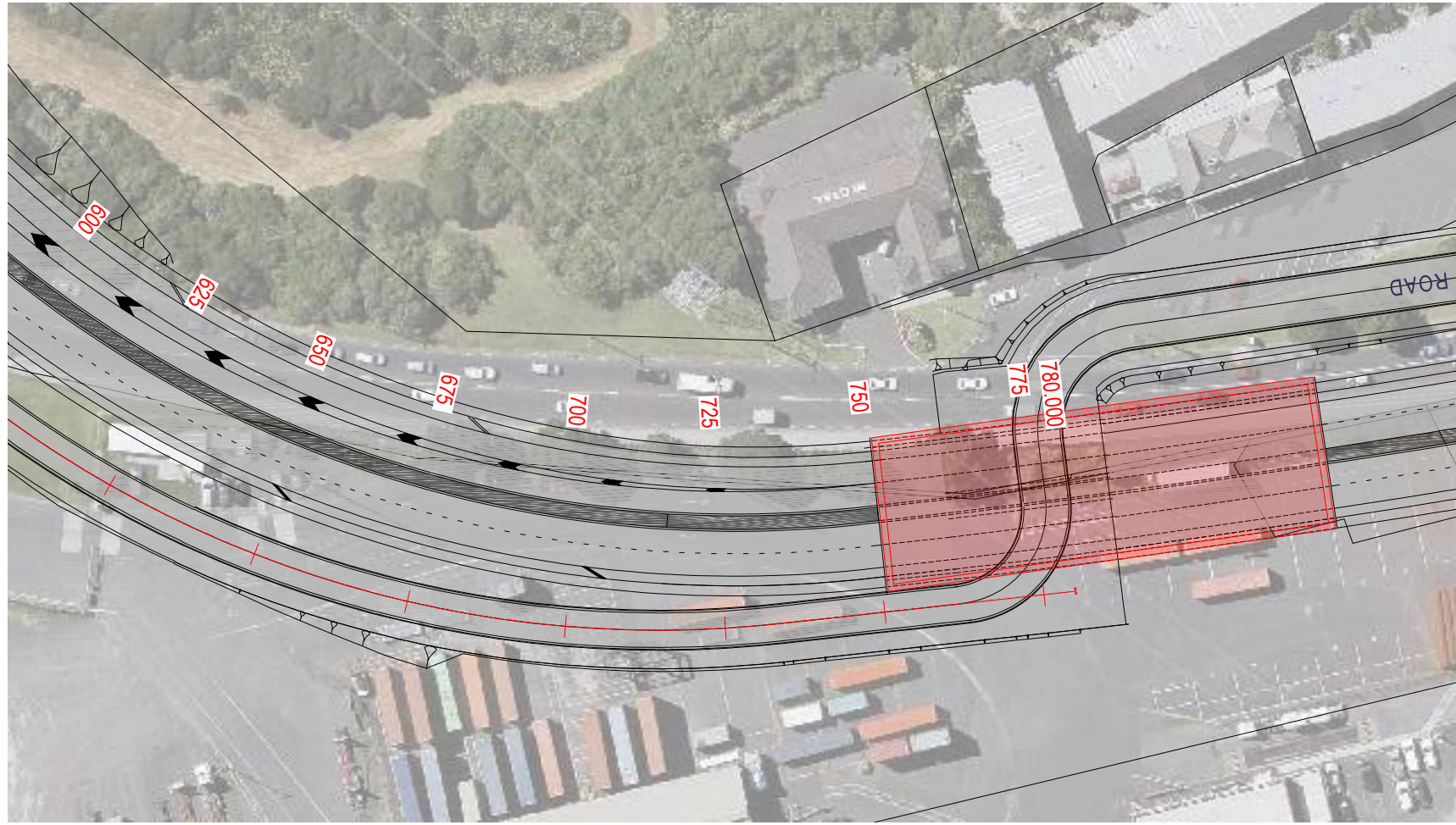
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION ORPHEUS DRIVE - MC50 SHEET 02 OF 03	Rev No. 1
Drawing Number AEE-C-281	



FOR BOI ISSUE

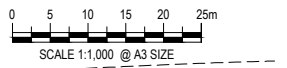
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed	N NANCEKIVELL	Approved	J CALDWELL
Designed	R TAN	Design Check	J MURAHIDY	27.06.17	27.06.17		
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No		PA4014	

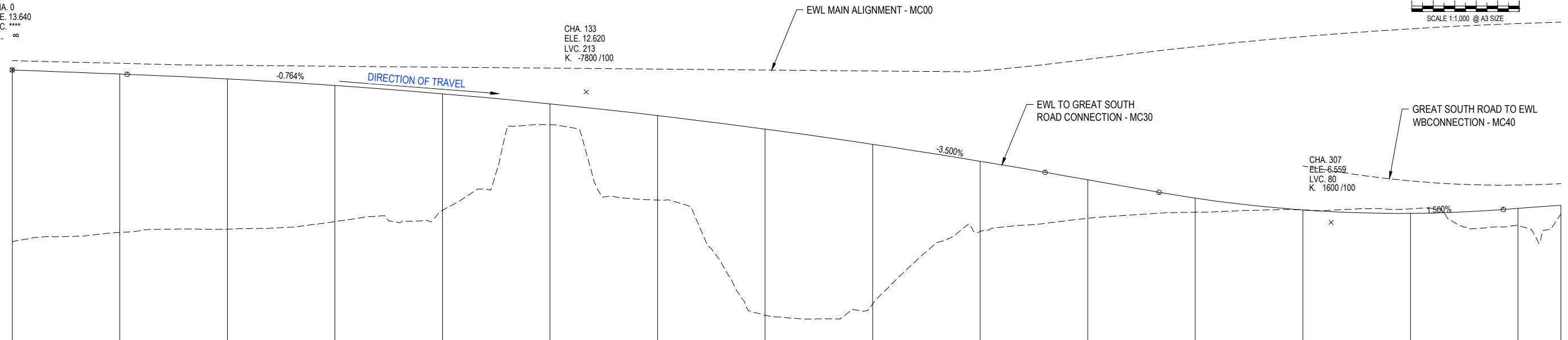
Drawing Title	PLAN AND LONG SECTION ORPHEUS DRIVE - MC50 SHEET 03 OF 03		
Drawing Number	AEE-C-282		
Rev No.	1		



CHA. 0
ELE. 13.640
LVC. ****
K. ∞

CHA. 133
ELE. 12.620
LVC. 213
K. -7800/100

CHA. 307
ELE. 6.559
LVC. 80
K. 1600/100



CHAINAGE ON MC30	0	25	50	75	100	125	150	175	200	225	250	275	300	325	350
DESIGN TO GROUND LEVEL DIFFERENCE	7.97	-7.36	-6.97	-6.32	-5.41	-0.97	-3.92	-8.64	-7.41	-3.26	-1.79	-0.66	-0.01	-0.21	-0.80
DESIGN LEVEL	13.640	13.449	13.223	12.917	12.531	12.065	11.519	10.882	10.166	9.399	8.539	7.686	7.138	6.980	7.210
GROUND LEVEL	5.67	6.09	6.25	6.60	7.13	11.10	7.60	2.25	2.78	6.14	6.75	7.03	7.14	7.19	6.41



FOR BOI ISSUE

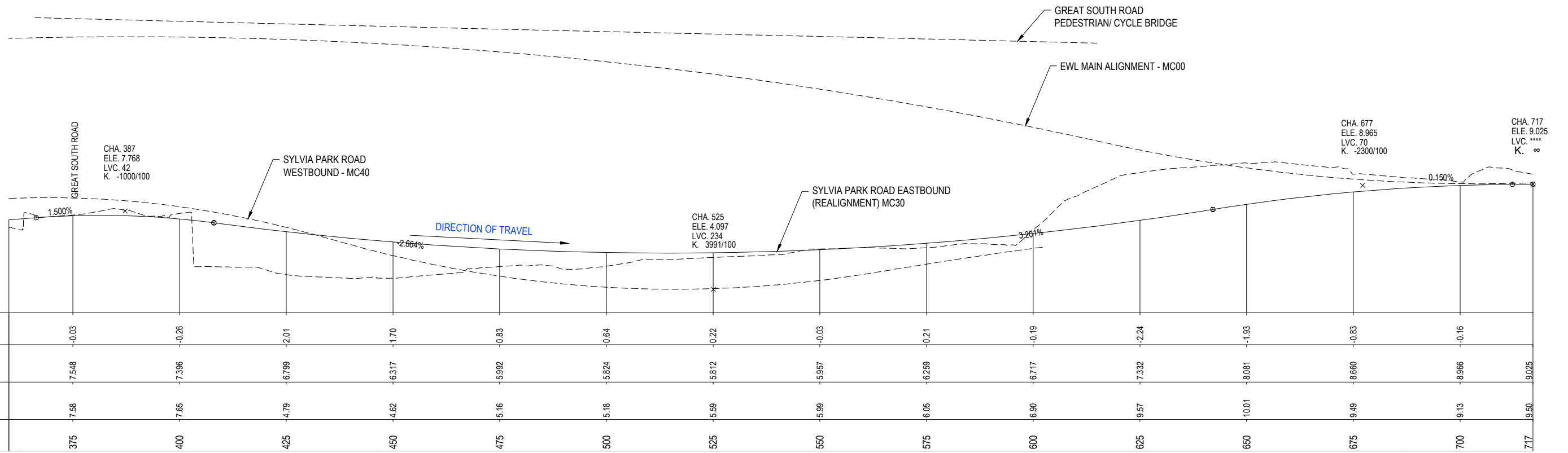
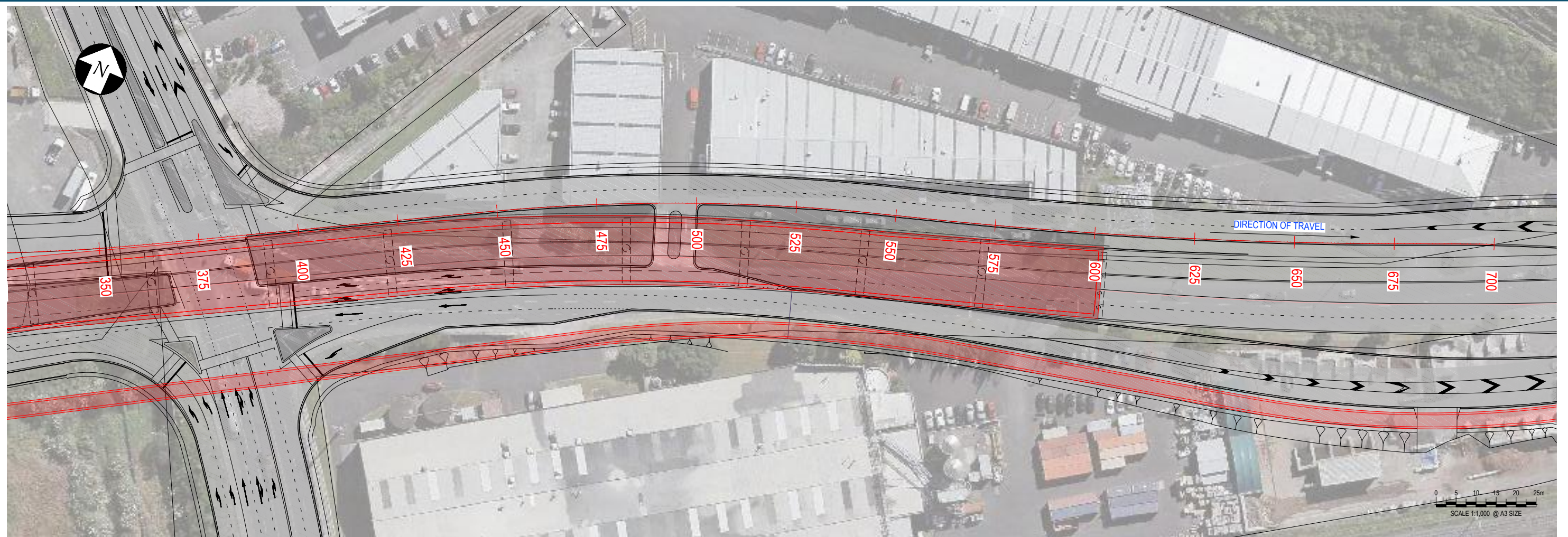
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
This drawing is for the purpose of supporting applications under the RMA for resource consents and designations. All information shown is subject to final design. Areas and measurements are subject to survey. Where the designs conflict with conditions the conditions will prevail. This Drawing **must not** be used for construction



Drawn A RAM	Drafting Check J MURAHIDY	Reviewed Design Manager N NANCEKIVELL	Approved Alliance Manager J CALDWELL
Designed R TAN	Design Check J MURAHIDY	27.06.17	27.06.17
Scale: Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No PA4014

Drawing Title PLAN AND LONG SECTION EWL/ GREAT SOUTH ROAD EB CONNECTION - MC30 SHEET 01 OF 02	Drawing Number AEE-C-285	Rev No. 1
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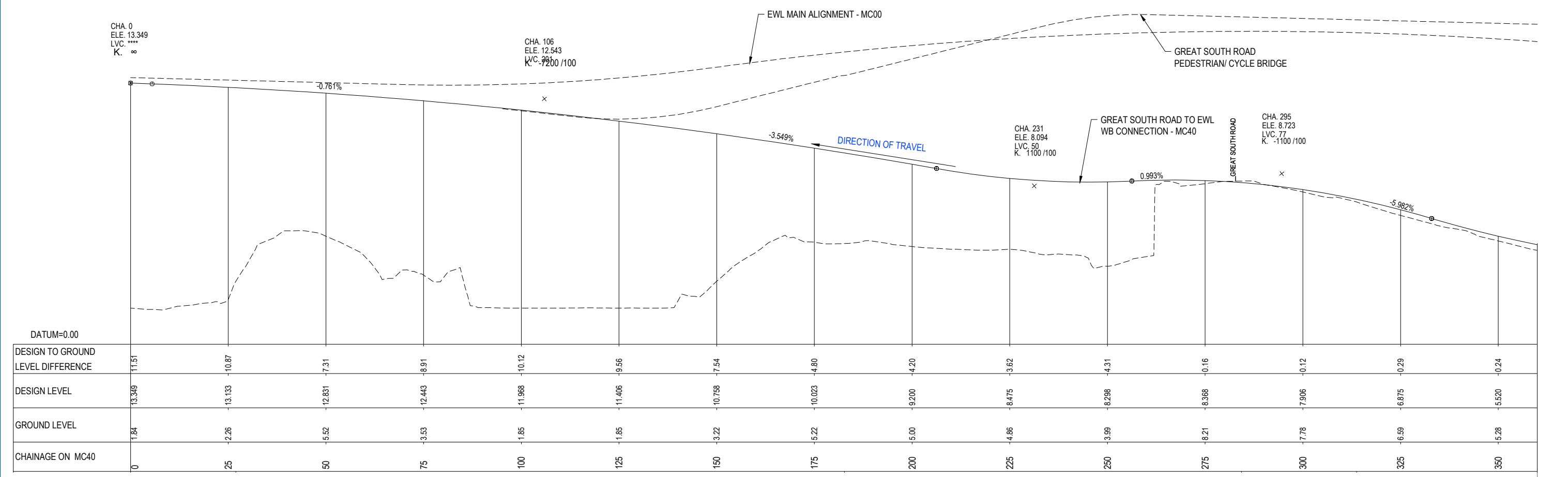
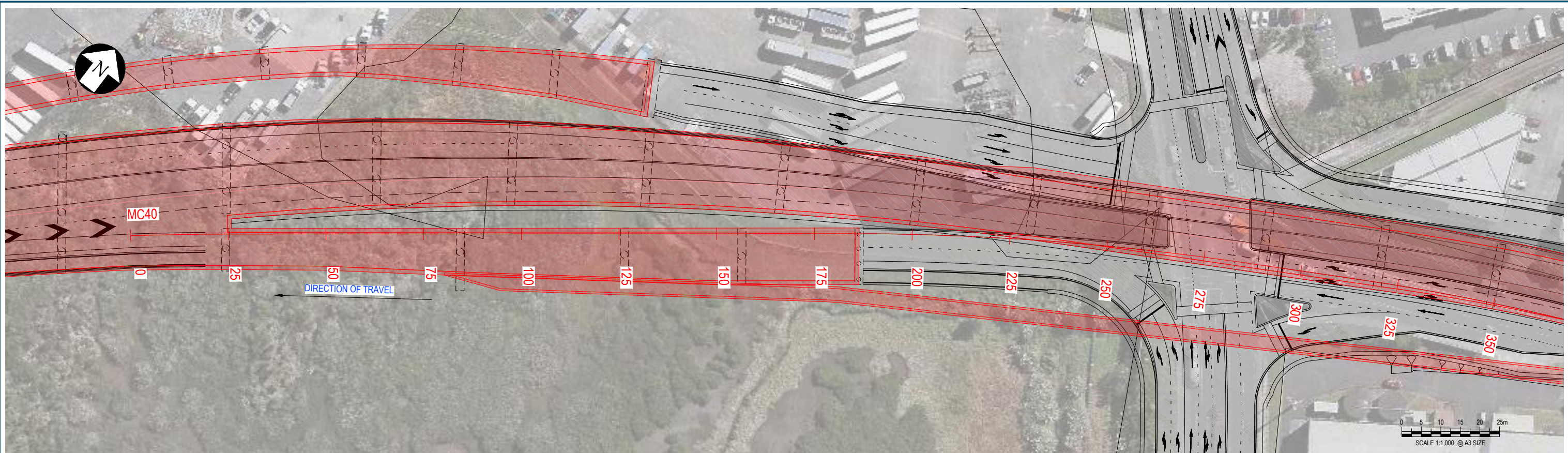
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	R TAN	Design Check	J MURAHIDY		27.06.17		27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION EWL/ GREAT SOUTH ROAD EB CONNECTION - MC30 SHEET 02 OF 02	
Drawing Number	AEE-C-286	Rev No. 1



CHAINEGE ON MC40	0	25	50	75	100	125	150	175	200	225	250	275	300	325	350
DESIGN TO GROUND LEVEL DIFFERENCE	11.51	-10.87	-7.31	-8.91	-10.12	-9.56	-7.54	-4.80	-4.20	-3.62	-4.31	-0.16	-0.12	-0.29	-0.24
DESIGN LEVEL	13.349	-13.133	-12.831	-12.443	-11.968	-11.406	-10.758	-10.023	-9.200	-8.475	-8.298	-8.388	-7.906	-6.875	-5.520
GROUND LEVEL	1.84	-2.26	-5.52	-3.53	-1.85	-1.85	-3.22	-5.22	-5.00	-4.86	-3.99	-8.21	-7.78	-6.59	-5.28

DATUM=0.00

VERTICAL 1:200 @ A3 SIZE
HORIZONTAL 1:1000 @ A3 SIZE

FOR BOI ISSUE

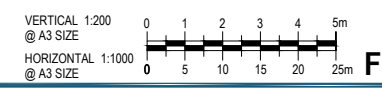
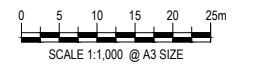
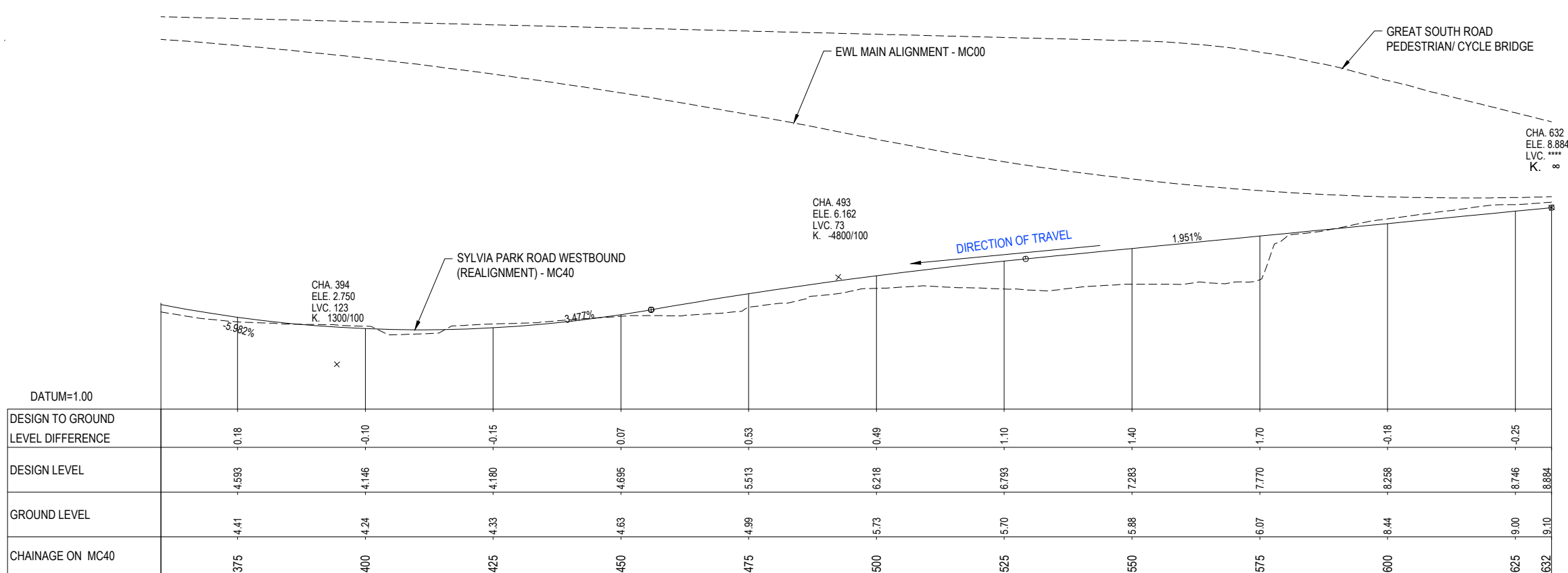
No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	R TAN	Design Check	J MURAHIDY		27.06.17		27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION EWL/ GREAT SOUTH ROAD WB CONNECTION - MC40 SHEET 01 OF 02
Drawing Number	AEE-C-287
Rev No.	1



No.	Issued Status	Drawn	Check'd	App'd	Date
1	BOARD OF INQUIRY	RT	NN	JC	27.06.2017
0	ISSUED FOR CONSENT	AR	NN*	PK*	01.12.2016

DISCLAIMER
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Drawn	A RAM	Drafting Check	J MURAHIDY	Reviewed Design Manager	N NANCEKIVELL	Approved Alliance Manager	J CALDWELL
Designed	R TAN	Design Check	J MURAHIDY		27.06.17		27.06.17
Scale:	Original Scale (A1)	Reduced Scale (A3)	AS SHOWN	Contract No	PA4014		

Drawing Title	PLAN AND LONG SECTION EWL/ GREAT SOUTH ROAD WB CONNECTION - MC40 SHEET 02 OF 02		
Drawing Number	AEE-C-288	Rev No.	1