STREETLIGHT SCHEDULE

ID	mE	mN	LEVEL	COLUMN	OUTREACH	LUMINAIRE
SL01	368868.86	799295.07	38.44	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL02	368795.55	799279.59	43.12	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL03	368738.24	799213.87	53.91	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL04	368707.57	799176.30	60.29	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL05	368672.61	799204.09	63.20	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL06	368678.89	799238.55	60.90	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL07	368691.77	799272.50	57.07	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL08	368706.03	799305.51	55.28	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL09	368707.91	799331.70	54.64	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL10	368634.30	799192.70	66.36	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL11	368624.75	799201.16	66.52	KENDELIER 100150 - 9.0m	'THE LAKES' - 2.0m	LUMA 1 RS LED 127 WATT 15000 LUMENS
SL12	368622.78	799262.37	63.94	KENDELIER 100150 - 9.0m	'THE LAKES' - 2.0m	LUMA 1 RS LED 127 WATT 15000 LUMENS
SL13	368584.24	799393.00	53.98	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL14	368574.92	799367.63	54.55	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL15	368567.96	799327.83	56.28	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL16	368595.99	799294.45	60.41	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL17	368627.09	799133.35	67.99	KENDELIER 100150 - 9.0m	'THE LAKES' - 2.0m	LUMA 1 RS LED 127 WATT 15000 LUMENS
SL18	368627.72	799072.09	69.17	KENDELIER 100150 - 9.0m	'THE LAKES' - 2.0m	LUMA 1 RS LED 127 WATT 15000 LUMENS
SL19	368627.13	799010.16	71.95	KENDELIER 100150 - 9.0m	'THE LAKES' - 2.0m	LUMA 1 RS LED 127 WATT 15000 LUMENS
SL20	368626.57	798952.15	73.86	KENDELIER 100150 - 9.0m	'THE LAKES' - 2.0m	LUMA 1 RS LED 127 WATT 15000 LUMENS
SL21	368668.44	798942.86	72.50	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL22	368733.26	798959.00	66.96	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL23	368719.68	799045.31	63.94	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL24	368704.42	799125.87	62.84	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL25	368665.15	799180.52	63.84	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL26	368635.62	798932.98	73.43	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL27	368703.24	798933.06	70.01	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL28	368743.66	798999.47	64.82	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL29	368717.36	799084.80	63.46	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL30	368729.80	799166.31	59.36	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL31	368764.50	799251.26	48.05	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL32	368840.42	799266.14	40.90	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL33	368905.33	799195.72	40.76	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL34	368886.77	799156.48	41.10	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL35	368894.90	799106.63	41.30	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL36	368908.14	799068.76	41.57	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL37	368921.58	799031.30	42.05	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL38	368950.71	799007.56	42.72	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL39	368987.83	798979.43	45.99	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL40	369030.31	798995.05	48.35	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL41	369052.93	799033.13	49.18	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL42	369058.68	799073.17	49.37	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL43	369045.57	799118.94	47.03	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL44	369020.67	799148.66	44.96	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL45	368984.08	799172.63	42.77	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL46	368919.65	799214.29	41.09	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL47	368947.54	799184.79	41.54	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL48	368967.45	799158.69	42.21	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL49	368972.16	799105.32	42.61	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL50	368995.41	799064.24	44.62	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL51	369031.85	799037.21	48.67	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL52	368887.33	799236.58	40.80	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
SL53	368862.24	799261.74	40.43	KENDELIER 80125 - 6.5m	'THE LAKES' - 1.3m	VIZULO MINI STORK 28 WATT 2980 LUMENS
UL01	368829.82	799262.13	41.21	-	-	PLATEK GRANDE UPLIGHT
UL02	368834.64	799260.17	41.07	-	-	PLATEK GRANDE UPLIGHT
UL03	368831.49	799257.28	41.26	-	-	PLATEK GRANDE UPLIGHT
UL04	368844.37	799256.67	40.69	-	-	PLATEK GRANDE UPLIGHT
UL05	368844.19	799252.24	40.54	-	-	PLATEK GRANDE UPLIGHT
UL06	368840.08	799254.52	40.63	-	-	PLATEK GRANDE UPLIGHT

STREET SIGN SCHEDULE

ID	mE	mN	RL	TYPE	NOTES
SN01	368849.35	799278.77	40.43	STREET SIGN	0.00
SN02	368718.30	799174.39	59.63	RP2	0.00
SN04	368665.15	799180.52	63.84	STREET SIGN	FIXED TO STREET LIGHT
SN05	368633.65	799181.80	66.41	RP2	
SN06	368635.74	799187.37	66.54	RD6L	
SN07	368626.44	799187.09	66.87	RD6L	
SN08	368621.24	799287.54	62.30	STREET SIGN	
SN09	368580.18	799377.99	54.50	RD6L	
SN10	368617.00	799186.62	67.14	STREET SIGN	
SN11	368617.92	798938.94	74.05	STREET SIGN	
SN12	368627.61	798938.49	73.98	RD6L	
SN13	368636.93	798938.34	73.68	RD6L	
SN14	368635.60	798933.02	73.51	RP2	FIXED TO STREET LIGHT
SN15	368709.81	799170.40	60.28	RD6L	
SN16	368718.87	799166.80	60.10	RD6L	
SN17	368729.64	799166.40	59.34	STREET SIGN	FIXED TO STREET LIGHT
SN18	368854.07	799268.33	40.66	RD6L	
SN19	368851.16	799261.01	40.37	RP2	
SN20	368857.85	799259.78	40.67	RD6L	
SN21	368919.86	799214.47	41.07	STREET SIGN	FIXED TO STREET LIGHT
SN22	368984.05	799172.70	42.73	STREET SIGN	FIXED TO STREET LIGHT
SN23	369053.12	799033.15	49.21	STREET SIGN	FIXED TO STREET LIGHT
SN24	368730.63	799155.67	60.62	RESERVE SIGN	LOT 950
SN25	368969.44	798987.79	44.39	RESERVE SIGN	LOT 952
SN26	369005.55	798985.58	47.34	STREET SIGN	0.00
SN27	369039.00	799028.46	48.99	STREET SIGN	0.00
SN28	368732.66	799036.55	64.08	STREET SIGN	0.00
SN29	368583.65	799308.60	58.78	STREET SIGN	0.00

ROAD CONSTRUCTION DETAILS

STREET	LAYER	MATERIAL	DEPTH
TAMIHANA AVENUE	SURFACING	ASPHALTIC CONCRETE	40mm AC14
	BASECOURSE	TNZ M/4 AP40	125mm
	SUBBASE	GAP 40	200mm
TE RANGA MEMORIAL DRIVE	SURFACING	ASPHALTIC CONCRETE	40mm AC14
	BASECOURSE	GAP 40	280mm
WHAKATUROU CRESCENT (Ch 0 - 96)	SURFACING	ASPHALTIC CONCRETE	25mm DG7
	BASECOURSE	GAP 40	280mm
WHAKATUROU CRESCENT (Ch 96 - 694)	SURFACING	ASPHALTIC CONCRETE	25mm DG7
	BASECOURSE	GAP 40	230mm
KAMOKORE GLADE	SURFACING	ASPHALTIC CONCRETE	25mm DG7
	BASECOURSE	GAP 40	230mm
MANOTINI WAY	SURFACING	ASPHALTIC CONCRETE	25mm DG7
	BASECOURSE	GAP 40	280mm
KIRITIANA CLOSE	SURFACING	ASPHALTIC CONCRETE	25mm AC10
	BASECOURSE	GAP 40	230mm
HURIA VISTA	SURFACING	ASPHALTIC CONCRETE	25mm AC10
	BASECOURSE	GAP 40	230mm
PARKING BAYS	SURFACING	ASPHALTIC CONCRETE	25mm DG7
	BASECOURSE	GAP 40	230mm

BENCHMARKS

ID	mE	mN	LEVEL
BM 1142	368937.78	799405.72	35.65
BM 1166	368920.53	799212.01	41.02
BM 1167	369014.46	798978.49	47.63
BM 1168	368727.74	799162.96	59.91
BM 1169	368586.69	799390.04	54.06
BM 1170	368709.29	799329.07	54.91
BM 1171	368625.45	798923.30	74.00

REF	REVISIONS	BY	DATE
D	BM1171 LEVEL UPDATED	GPR	31.01.19
C	STREET SIGNS SN26-SN29 ADDED	GPR	37.07.18
B	FINAL AS BUILT	GPR	27.06.18
A	DRAFT AS BUILT	GPR	12.06.18

	ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
	PSJ	06.06.18		PSJ
	DRAWN: PSJ	DATE: 06.06.18	SIGNED:	PLOT DATE: 31.01.19
	CHECKED: GPR	DATE: 27.06.18	SIGNED:	SURVEY BY: RXD
	APPROVED: GPR	DATE: 27.06.18	SIGNED:	SURVEY DATE:

ASSOCIATION OF CONSULTING ENGINEERS NEW ZEALAND — ISO 9001 QUALITY ASSURED

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PROJECT: Summit
THE LAKES (2012) LIMITED, TAURANGA

TITLE: STAGE 3JKL CIVILS
STREETSCAPE/TRANSPORTATION AS BUILT PLAN
SHEET 4
TCC IP 101861

ISSUE STATUS: FINAL AS BUILT

PROJECT No: 1510-141209-01 | SCALES: 1:625 - A1, 1:1250 - A3 | A1

DRAWING No: 141209-AB404 | REV D