

STREETLIGHT SCHEDULE (AB401)				
ID	mE	mN	RL	TYPE
SL01	368525.31	799936.94	58.79	KENDELIER 100150
SL02	368541.82	799947.07	58.57	KENDELIER 80125
SL03	368581.04	799952.75	58.50	KENDELIER 80125
SL04	368616.86	799928.22	58.31	KENDELIER 80125
SL05	368625.99	799889.63	58.03	KENDELIER 80125
SL06	368603.12	799849.74	57.79	KENDELIER 80125
SL07	368556.15	799915.64	58.42	KENDELIER 100150
SL08	368535.25	799888.70	57.58	KENDELIER 100150
SL09	368579.36	799899.76	58.30	KENDELIER 100150
SL10	368561.89	799868.39	58.02	KENDELIER 100150
SL11	368599.11	799839.32	57.91	KENDELIER 100150
SL12	368608.17	799793.60	57.76	KENDELIER 100150
SL13	368631.95	799800.12	57.54	KENDELIER 80125
SL14	368636.79	799775.38	57.52	KENDELIER 100150
SL15	368654.08	799740.22	57.32	KENDELIER 100150
SL16	368690.93	799740.43	57.17	KENDELIER 100150
SL17	368724.49	799719.44	56.90	KENDELIER 100150
SL18	368738.97	799740.25	56.84	KENDELIER 80125
SL19	368747.24	799782.15	57.17	KENDELIER 80125
SL20	368745.89	799825.19	57.45	KENDELIER 80125
SL21	368756.07	799873.00	57.47	KENDELIER 80125
SL22	368765.47	799721.20	57.30	KENDELIER 100150
SL23	368727.85	799700.77	56.74	KENDELIER 80125
SL27	368638.04	799672.36	57.09	KENDELIER 80125
SL28	368672.32	799660.67	56.84	KENDELIER 80125
SL62	368520.26	799969.22	58.91	KENDELIER 100150
RABL1	368562.67	799901.00	58.55	WE-EF ETC330-FS
RABL2	368569.60	799889.00	58.51	WE-EF ETC330-FS
RABL3	368557.60	799882.08	58.28	WE-EF ETC330-FS
RABL4	368550.45	799894.25	58.41	WE-EF ETC330-FS
RABL5	368561.01	799892.04	58.60	WE-EF ETC330-FS
RABL6	368559.27	799891.04	58.52	WE-EF ETC330-FS

STREETLIGHT SCHEDULE (AB402)				
ID	mE	mN	RL	TYPE
SL24	368792.20	799690.18	58.87	KENDELIER 100150
SL25	368831.05	799677.49	58.96	KENDELIER 100150
SL26	368724.77	799663.19	56.84	KENDELIER 80125
SL29	368704.25	799654.31	56.62	KENDELIER 80125
SL30	368740.85	799641.76	57.16	KENDELIER 80125
SL31	368770.16	799619.36	58.05	KENDELIER 80125
SL32	368788.52	799584.81	58.63	KENDELIER 80125
SL33	368790.16	799547.48	58.46	KENDELIER 80125
SL34	368773.29	799508.99	58.09	KENDELIER 80125
SL35	368740.49	799482.13	57.67	KENDELIER 80125
SL36	368726.92	799471.48	57.46	KENDELIER 80125
SL37	368775.30	799444.98	58.56	KENDELIER 80125
SL38	368817.05	799450.41	60.70	KENDELIER 80125
SL44	368671.25	799583.83	56.81	KENDELIER 80125
SL64	368687.69	799571.84	56.77	KENDELIER 80125
SL65	368701.15	799614.13	56.66	KENDELIER 80125

STREETLIGHT SCHEDULE (AB403)				
ID	mE	mN	RL	TYPE
SL40	368665.50	799498.99	56.40	KENDELIER 80125
SL41	368682.45	799477.16	56.72	KENDELIER 80125
SL42	368639.96	799488.95	56.05	KENDELIER 80125
SL43	368599.74	799503.04	55.37	KENDELIER 80125
SL45	368559.81	799521.57	55.10	KENDELIER 80125
SL46	368531.24	799544.24	54.91	KENDELIER 80125
SL47	368501.93	799570.51	54.70	KENDELIER 80125
SL48	368475.35	799599.31	54.51	KENDELIER 80125
SL49	368445.74	799631.13	53.38	KENDELIER 80125
SL50	368412.76	799657.84	50.32	KENDELIER 80125
SL51	368626.00	799596.30	57.43	KENDELIER 80125
SL52	368586.65	799614.55	57.99	KENDELIER 80125
SL53	368551.89	799638.39	57.86	KENDELIER 80125
SL54	368520.23	799669.36	57.60	KENDELIER 80125
SL55	368498.62	799699.08	57.34	KENDELIER 80125
SL56	368479.62	799730.99	55.54	KENDELIER 80125
SL63	368676.02	799532.92	56.76	KENDELIER 80125

STREETLIGHT SCHEDULE (AB404)				
ID	mE	mN	RL	TYPE
SL57	368459.23	799735.62	52.72	KENDELIER 80125
SL58	368420.33	799713.92	48.28	KENDELIER 80125
SL59	368394.57	799701.38	46.56	KENDELIER 80125
SL60	368383.57	799683.62	47.41	KENDELIER 80125
SL61	368352.98	799718.50	44.01	KENDELIER 80125

STREETSIGN SCHEDULE (AB401)				
ID	mE	mN	RL	TYPE
SN02	368525.31	799936.94	58.79	STREET SIGN
SN03	368546.14	799939.84	58.70	RG-6
SN04	368552.49	799919.44	58.49	RG-6R
SN05	368545.78	799916.27	58.81	RG-17
SN06	368558.04	799899.90	58.64	RDBT STREET SIGN
SN08	368533.93	799876.42	57.60	RG-17
SN09	368561.07	799882.71	58.37	RDBT STREET SIGN
SN10	368566.38	799864.65	58.04	RG-6R
SN11	368574.34	799866.85	58.43	RG-17
SN12	368576.58	799841.78	58.13	STREET SIGN
SN13	368604.59	799851.26	57.82	RG-6
SN14	368611.63	799781.34	57.79	STREET SIGN
SN15	368635.76	799796.42	57.71	RG-17
SN16	368628.34	799791.86	57.71	RG-17
SN17	368637.28	799791.51	57.47	RG-6
SN18	368729.50	799736.84	57.14	STREET SIGN
SN19	368729.69	799711.50	56.87	RG-6
SN20	368748.47	799735.05	56.90	RG-6
SN28	368530.67	799884.66	57.22	RG-6R
SN29	368631.01	799770.84	57.78	RG-17
SN30	368634.21	799766.94	57.75	RG-17
SN31	368659.48	799754.36	57.38	BUS STOP SIGN
SN32	368723.01	799727.27	57.25	RG-17
SN33	368729.02	799725.93	57.19	RG-17
SN34	368744.26	799740.43	57.06	RG-17
SN35	368741.52	799731.93	57.01	RG-17
SN36	368736.16	799714.41	57.05	RG-17
SN37	368733.67	799705.84	57.03	RG-17
SN38	368551.30	799890.41	58.25	RDBT STREET SIGN
SN39	368596.85	799813.04	57.85	BUS STOP SIGN
SN40	368520.26	799969.22	58.91	PW-8
SN41	368608.17	799793.60	57.76	PW-8

STREETSIGN SCHEDULE (AB402)				
ID	mE	mN	RL	TYPE
SN21	368704.25	799654.31	56.62	RG-6
SN22	368727.01	799653.29	56.93	STREET SIGN
SN23	368725.98	799637.92	56.72	RG-6
SN24	368703.39	799580.13	57.04	STREET SIGN
SN25	368725.46	799490.01	57.66	STREET SIGN
SN42	368782.17	799564.81	58.71	STREET SIGN

STREETSIGN SCHEDULE (AB403)				
ID	mE	mN	RL	TYPE
SN26	368664.36	799478.15	56.63	STREET SIGN

STREETSIGN SCHEDULE (AB404)				
ID	mE	mN	RL	TYPE
SN07	368474.34	799851.91	55.29	PW-8
SN27	368381.00	799680.88	47.50	STREET SIGN

ROAD DESIGN DETAILS			
STREET	LAYER	MATERIAL	DEPTH (mm)
LAKES BOULEVARD	SURFACING	ASPHALTIC CONCRETE	40
	BASECOURSE	TNZ M/4 AP40	125
		GAP40	200
ROUNDAABOUT	SURFACING	ASPHALTIC CONCRETE WITH POLYMER	40
	BASECOURSE	TNZ M/4 AP40	160
		GAP40	200
TE RANGA MEMORIAL DRIVE (EAST OF ROUNDAABOUT)	SURFACING	ASPHALTIC CONCRETE	40
	BASECOURSE	TNZ M/4 AP40	100
		GAP40	200
TE RANGA MEMORIAL DRIVE (WEST OF ROUNDAABOUT)	SURFACING	ASPHALTIC CONCRETE	25
	BASECOURSE	GAP40	250
	PENETAKA HEIGHTS	SURFACING	ASPHALTIC CONCRETE
BASECOURSE		GAP40	240
PUHIRAKE CRESCENT		SURFACING	ASPHALTIC CONCRETE
	BASECOURSE	GAP40	240
	MATERAWAHO WAY	SURFACING	ASPHALTIC CONCRETE
BASECOURSE		GAP40	240
MATEPU CRESCENT		SURFACING	ASPHALTIC CONCRETE
	BASECOURSE	GAP40	200
	KAHUPARERE CRESCENT	SURFACING	ASPHALTIC CONCRETE
BASECOURSE		GAP40	240
OKATAINA STREET		SURFACING	ASPHALTIC CONCRETE
	BASECOURSE	GAP40	200

BENCHMARK SCHEDULE			
ID	mE	mN	RL
BM 1339	368500.09	799573.45	54.625
BM 1340	368559.40	799633.40	57.850
BM 1341	368668.86	799481.65	56.470
BM 1342	368717.90	799637.42	56.705
BM 1343	368615.69	799782.30	57.590
BM 1344	368750.24	799860.18	57.295

C SN42 ADDED B AS BUILT FINAL A AS BUILT DRAFT REF REVISIONS	ORIGINATOR:	DATE:	SIGNED:	ASSOCIATION OF CONSULTING ENGINEERS NEW ZEALAND ISO 9001 QUALITY ASSURED TAURANGA OFFICE LEVEL 1 HARRISON GRIERSON HOUSE 141 CAMERON ROAD TAURANGA 3110 T +64 7 578 0023 W www.harrisongrierson.com	PROJECT: THE LAKES (2012) LIMITED, TAURANGA	TITLE: STAGES 3CD STREETScape AND TRANSPORTATION AS BUILT PLAN SHEET 5 TCC IP 101665	ISSUE STATUS: AS BUILT		
	DATE:	SIGNED:	PROJECT No:					SCALE:	REV
	DATE:	SIGNED:	DRAWING No:						
	DATE:	SIGNED:							