

BALLINA SHIRE COUNCIL

ATTACHMENTS TO FINANCE COMMITTEE MEETING BUSINESS PAPER

Thursday 20 April 2017

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4.3 Concealed Water Leak - Options for Management.DOC

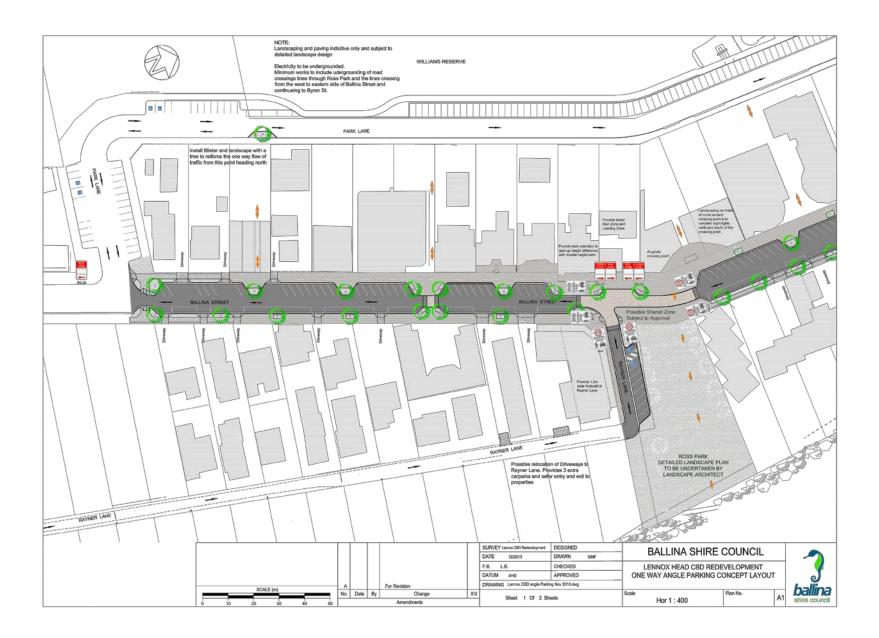
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Water Authority	Policy to adjust water consumption charges	Policy to adjust wastewater (sewer) usage charges	Other Comments
Ballina Shire Council	Previous policy – (all users) cancel 50% of above average increase up to a maximum of 250KL. Charge at lower step rate.	Previous policy – (Non-residential only) Cancel 100% of above average increase. Residential properties have a flat wastewater charge.	To qualify must be a substantial increase – in excess of 200% and adjustment must be more than \$50.
Byron Shire Council	Yes – residential only – will only charge the Step 1 rate of \$2.47 per KL instead of levying Step 2 charge of \$3.70 per KL if water consumption exceeds 450KL. Note: Prior to adoption of present policy (14/8/09) an adjustment of 50% of the above average consumption charges would be cancelled for residential properties only.	Yes – residential and non-residential will adjust 100% of above average increase.	To qualify, water usage must be 1.5 times greater than previous 2 years daily average usage.
Hunter Water Corporation	Yes – for residential properties will cancel 50% of above average usage up to a maximum of \$1000 as a goodwill gesture (2011 was 100%). Non-residential properties on a case by case basis.	No – residential properties have a flat wastewater charge. Non-residential properties on a case by case basis.	Applies to one 4 monthly billing period only. Can be reviewed on a case by case basis.
Lismore City Council	No policy but will allow additional time to pay. \$0-500 6mths, \$500-1000 12 mths, \$1000-2000 18 mths & \$2000+ 24mths. Interest accrues while arrangement is in place but if arrangement is satisfied they will cancel interest accrued.	No policy but will adjust based on historical average consumption.	
Sydney Water	Yes – (all users) 50% of above average increase – no maximum. (2008-2011 to a maximum of 1000kl per service.	Yes – based on previous year usage. Cancel 100% above historical.	Allowance will only be granted every 5 years or where there is a change in ownership.
Tweed Shire Council	Yes – (all users) reduced by 75% of above average increase over past 3 years. Prior to 30-10-08 reduction was 50%	No – residential properties have a flat wastewater charge. Non-residential – Yes reduced by 75% of above average increase over past 3 years.	One adjustment per applicant. In the case of new owners, can only apply after 5 years of the previous owner's adjustment.

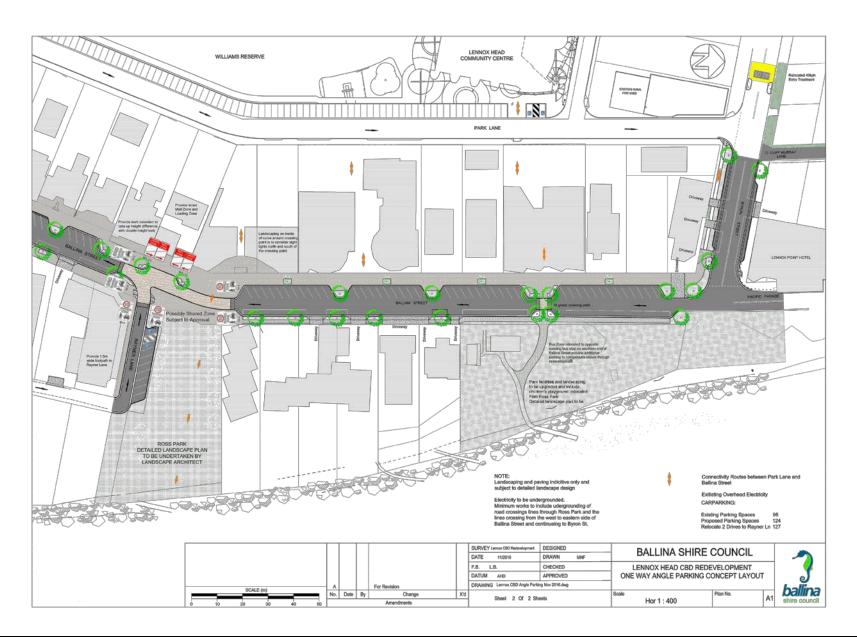
			W	ATER FUND	- INC	COME STAT	EMENT (20	013/14 to 20	26/27)						
	ACTUAL		ITEM						ES	TIMATED					
2013/14	2014/15	2015/16		2016/17	%	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
2.4			OPERATING RESULTS												
			Operating Activities												
2,860,500	3,092,600	3,226,000	Rates and Annual Charges	3,367,800	4	3,439,500	3,531,000	3,624,500	3,721,000	3,839,400	3,961,800	4,088,200	4,217,600	4,351,000	4,489,400
6,590,600	6,432,000	6,654,300	User Charges and Fees	7,247,100	9	7,000,200	7,174,500	7,354,100	7,537,700	7,763,300	7,995,900	8,235,500	8,483,100	8,737,800	9,000,500
413,500	417,400	339,000	Interest and Investment Revenues	338,400	(0)	368,800	339,300	299,200	272,800	295,300	191,600	125,500	63,100	10,400	46,400
672,700	797,900		Other Revenues	805,000	(2)	825,900	846,800	868,200	890,200	912,800	935,800	959,500	983,600	1,008,400	1,034,000
151,800	152,600	157,400	Grants and Contributions for Operating Purposes	155,300	(1)	144,000	144,700	145,500	146,200	147,000	147,800	148,600	149,500	150,300	151,100
851,300	764,300	1,059,900	Grants and Contributions for Capital Purposes	919,400	(13)	775,000	800,000	820,000	840,000	860,000	880,000	900,000	920,000	940,000	960,000
			Other Income:											_	
0	0		Net Gain from Disposal of Assets	0	0	이	0	0	0	0	0	0	0	0	0
11,540,400	11,656,800	12,259,000	Total Income from Continuing Operations	12,833,000	5	12,553,400	12,836,300	13,111,500	13,407,900	13,817,800	14,112,900	14,457,300	14,816,900	15,197,900	15,681,400
			Constitut Frances												
1,429,000	1,763,000	1 976 000	Operating Expenses Employee Benefits and On-costs	1,934,000	3	1,994,000	2,056,000	2,120,000	2,186,000	2,254,000	2,324,000	2,396,000	2,470,000	2,547,000	2,626,000
1,429,000	1,763,000	, , , , , , , , , , , , , , , , , , , ,	Borrowing Costs	1,934,000	0	1,994,000	2,030,000	2,120,000	2,100,000	2,234,000	2,524,000	2,000,000	2,470,000	2,011,000	0
1,802,400	1,354,100		Materials and Contracts	1,387,000	10	1,442,200	1,498,100	1,484,700	1,511,500	1,538,700	1,616,100	1,594,100	1,622,300	1,650,000	1,678,500
1,859,500	1,478,700	.,,	Depreciation and Amortisation	1,428,000	10000000	1,380,000	1,407,600	1,435,800	1,464,600	1,493,900	1,523,800	1,554,300	1,585,400	1,617,200	1,649,600
5,909,700	6,200,600	.,	Other Expenses	6,520,600		6,363,200	6,522,800	6,686,800	6,854,900	7,059,400	7,269,900	7,486,700	7,709,800	7,939,500	8,175,900
111,000	20,600		Net Loss from Disposal of Assets	0	(100)		0	0	0	0	0	0	0	0	0
11,111,600	10,817,000	,	Total Expenses from Continuing Operations	11,269,600	, ,	11,179,400	11,484,500	11,727,300	12,017,000	12,346,000	12,733,800	13,031,100	13,387,500	13,753,700	14,130,000
		,													
428,800	839,800	1,409,100	Net Operating Result for the Year	1,563,400	11	1,374,000	1,351,800	1,384,200	1,390,900	1,471,800	1,379,100	1,426,200	1,429,400	1,444,200	1,551,400
(422,500)	75,500	349,200	Net Operating Result Before Capital Income	644,000	84	599,000	551,800	564,200	550,900	611,800	499,100	526,200	509,400	504,200	591,400

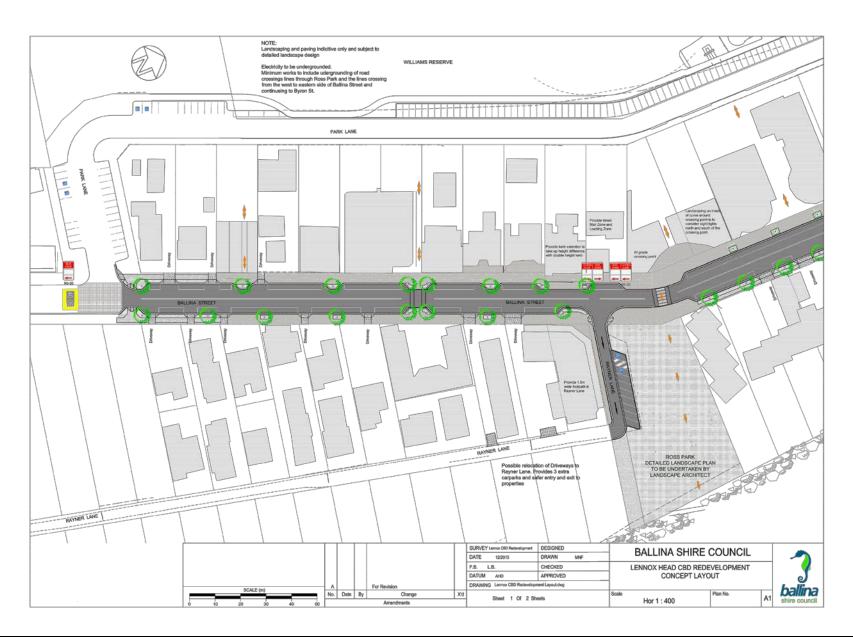
			WATER OF	ERATIONS	- LO	NG TERM F	INANCIAL	PLAN (201;	3/14 to 2026	3/27)					
	ACTUAL		ITEM			·				TIMATED					
2013/14	2014/15	2015/16		2016/17	%	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
			OPERATING RESULTS												
10,689,100 9,141,100	10,892,500 9,317,700		Operating Revenues Less Operating Expenses	11,913,600 9,841,600		11,778,400 9,799,400				12,957,800 10,852,100		13,557,300 11,476,800	13,896,900 11,802,100	14,257,900 12,136,500	14,721,400 12,480,400
1,548,000	1,574,800	1,886,100	Operating Result before Non-cash Items	2,072,000	10	1,979,000	1,959,400	2,000,000	2,015,500	2,105,700	2,022,900	2,080,500	2,094,800	2,121,400	2,241,000
1,859,500	1,478,700		Depreciation Expense	1,428,000		1,380,000	1,407,600	1,435,800	1,464,600	1,493,900	1,523,800	1,554,300	1,585,400	1,617,200	1,649,600
111,000	20,600		Less Unwinding Interest Free Loans Less Loss on Disposal of Infrastructure Assets	0	(100)	0	0	0	0	0	0	0	0	0	0
(422,500)	75,500		Net Operating Result	644,000		599,000	551,800	564,200	550,900	611,800	499,100	526,200	509,400	504,200	591,400
368,600 430,400	336,400 454,900	0 837,900	Add Capital Grants and Contributions Capital Grants and Contributions Section 64 Contributions Collected	0 610,000	0 (27)	0 575,000	0 600,000	0 620,000	0 640,000	0 660,000	0 680,000	0 700,000	0 720,000	0 740,000	0 760,000
0 137,600	0 136,200	23,000	Add Non-operating Funds Employed Loan Funds Used Transfer from Section 64 Recoupments BBRC	0 100,000	0 335	0	0	0	0	0	0	0	0	0 0	0
(1,827,100) (137,600) 0	(2,821,700) (136,200) 0	(1,427,000) (23,000)	Subtract Funds Deployed for Non-operating Pu Capital Expenditure Contributions - Section 64 Recoupments BBRC Repayment of Principal on Loans	(3,524,000) (100,000) 0		(3,427,400) 0 0	(3,750,000) 0 0	(3,400,000) 0 0	(1,990,100) 0 0	(5,836,000) 0 0	(4,662,000) 0 0	(4,630,800) 0 0	(4,377,000) 0 0	(1,791,600) 0 0	(1,751,000) 0 0
o	264,500		Net Movement in Other Working Capital Items Net Incr / (Decr) in Leave and Working Capital	0	0	0	0	0	0	0	0	0	0	0	C
1,859,500 0 111,000	1,478,700 0 20,600	1,498,900 0	Add Back Non-Cash Expense Depreciation Unwinding Interest Free Loans Loss on Disposal of Infrastructure Assets	1,428,000 0 0	(5) 0 (100)	1,380,000 0 0	1,407,600 0 0	1,435,800 0 0	1,464,600 0 0	1,493,900 0 0	1,523,800 0 0	1,554,300 0 0	1,585,400 0 0	1,617,200 0 0	1,649,600 0
519,900	(191,100)	1,297,000	Reserves Movement - Increase / (Decrease)	(842,000)	(165)	(873,400)	(1,190,600)	(780,000)	665,400	(3,070,300)	(1,959,100)	(1,850,300)	(1,562,200)	1,069,800	1,250,000
979,100 (459,200) 519,900	966,800 (1,157,900) (191,100)	461,000 836,000 1,297,000	Movement in Reserves - Increase / (Decrease) Water Reserves Developer Contributions - Section 64 Total Movement in Reserves (incl Sec 64)	288,900 (1,130,900) (842,000)		(486,300) (387,100) (873,400)	679,000 (1,869,600) (1,190,600)	(417,300) (362,700) (780,000)	139,400 526,000 665,400	(2,209,100) (861,200) (3,070,300)		(302,400)	(1,193,800) (368,400) (1,562,200)	321,300 748,500 1,069,800	456,300 793,700 1,250,000
2,916,000 7,747,000 10,663,000	3,882,800 6,589,100 10,471,900	4,343,800 7,425,100	Reserves - Balances as at 30 June Water Reserves Developer Contributions - Section 64 Total Reserves	4,632,700 6,294,200 10,926,900		4,146,400 5,907,100 10,053,500	4,825,400 4,037,500 8,862,900	4,408,100 3,674,800 8,082,900	4,547,500 4,200,800 8,748,300	2,338,400 3,339,600 5,678,000	2,797,600 921,300 3,718,900	1,249,700 618,900 1,868,600	55,900 250,500 306,400	377,200 999,000 1,376,200	833,500 1,792,700 2,626,200

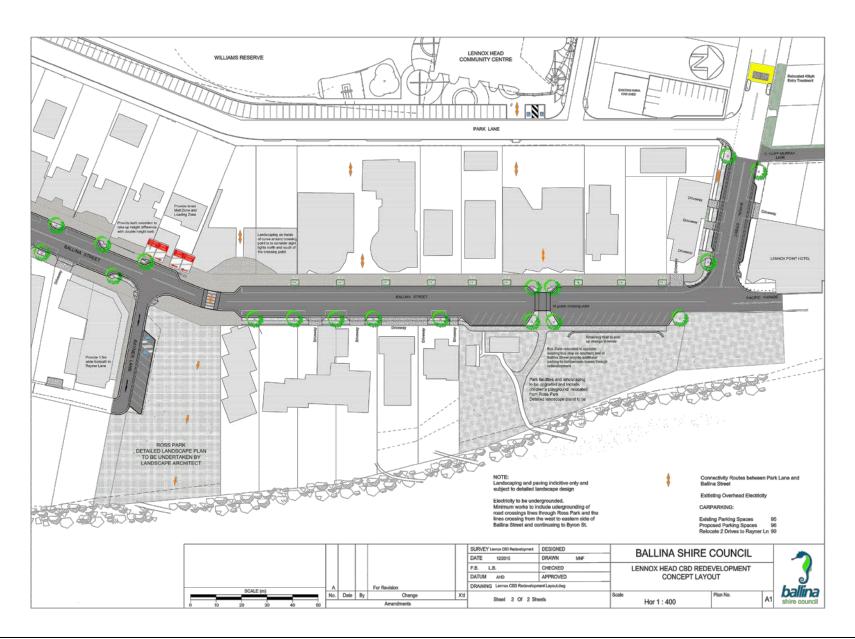
	WATER OPERATIONS ACTUAL LEDGER BUDGET ITEMS ESTIMATED																	
2012/13	ACT 2013/14	UAL 2014/15	2015/16	LEDGER ACCOUNT	BUDGET ITEMS	2016/17	%	2017/18	%	2018/19	2019/20	ESTIMA 2020/21	TED 2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
2,603,000 5,582,400 669,200 155,000 623,900	2,860,500 6,590,600 672,700 151,800 413,500	3,092,600 6,432,000 797,900 152,600 417,400	3,226,000 6,654,300 796,400 157,400 339,000	10000 10010 10011 10003 10004	OPERATING REVENUES Annual Charges User Charges Fees and Fines Operating Grants Interest	3,367,800 7,247,100 805,000 155,300 338,400	4 9 1 (1)	3,439,500 7,000,200 825,900 144,000 368,800	2 (3) 3 (7) 9	3,531,000 7,174,500 846,800 144,700 339,300	3,624,500 7,354,100 868,200 145,500	3,721,000 7,537,700	3,839,400 7,763,300 912,800 147,000 295,300	3,961,800 7,995,900 935,800 147,800	4,088,200 8,235,500 959,500 148,600	4,217,600 8,483,100 983,600 149,500 63,100	4,351,000 8,737,800 1,008,400 150,300	4,489,400 9,000,500 1,034,000 151,100 46,400
0	0	0	26,000	10012	Gain on Disposal of Plant and Equipment	0	(100)	0	0	0	0	0	0	0	0	0	0	0
9,633,500	10,689,100	10,892,500	11,199,100		Total Operating Revenues	11,913,600	6	11,778,400	(1)	12,036,300	12,291,500	12,567,900	12,957,800	13,232,900	13,557,300	13,896,900	14,257,900	14,721,400
286,800 246,500 438,900 8,000 5,143,400 48,700 50,100 68,500 80,100 0 218,900 415,300 293,400 333,400 101,800	263,700 310,700 222,200 11,000 5,419,200 58,100 54,500 62,800 153,100 900 192,500 348,700 401,000 376,300 69,100	337,700 350,100 176,900 17,700 5,720,300 46,100 47,500 77,800 129,500 3,200 172,900 446,600 343,800 232,600 55,000	355,600 415,700 150,000 10,700 5,703,100 10,700 34,400 55,700 111,800 30,600 83,200 364,500 345,100 247,000 67,900	50000 50005 50005 50008 50100 50101 50102 50105/50106 50107 50107 50109 50110 50113 50112 50113	OPERATING EXPENSES Direct Expenses Engineering Management Administration and Customer Service Contribution to Works and BBRC Miscellaneous Purchase of Water Pumping Stations - Operations Pumping Stations - Energy Costs Reservoirs - Operations and Maintenance Water Treatment Plants - Operations Water Treatment Plants - Maintenance Mains - Operations Mains - Maintenance Water Connections - Maintenance Water Quality Testing, Reading and Other Telemetry and Plant Maintenance	469,800 420,400 294,800 8,400 5,886,700 16,600 48,000 47,000 97,100 34,800 72,000 435,000 340,000 259,800 92,200	1 97 (21) 3 55 40 (16) (13) 14	416,400 401,600 41,900 12,000 5,977,700 15,000 45,500 60,000 134,000 37,500 70,000 500,000 350,000 259,800 115,000	(11) (4) (86) 43 2 (10) (5) 28 38 8 (3) 15 3 0 25	466,900 402,000 43,000 12,300 6,127,200 16,000 47,100 61,600 137,600 38,500 71,800 512,500 358,800 266,600 117,900	437,700 413,000 44,100 12,700 6,280,400 17,000 48,800 63,200 141,400 39,600 73,800 525,400 367,800 273,600 121,000	13,100 6,437,500 18,100 50,500 64,800 145,200 40,700 75,800	460,200 435,600 46,500 13,500 6,630,700 52,200 66,600 149,100 41,900 77,800 552,200 386,500 288,200 127,400	13,900 6,829,700 20,300 53,900 68,400 153,000 43,100	459,400 48,900 14,300 7,034,700 21,400 55,600 70,200 157,200 44,300 82,000	496,200 471,600 50,200 14,700 7,245,800 22,500 57,500 72,000 161,400 45,500 84,100 595,100 416,400 311,400 137,500	51,500 15,100 7,463,300 23,600 59,500 73,800 165,700	521,700 496,800 52,800 15,500 7,687,300 24,700 61,500 75,800 170,000 48,100 88,800 625,300 437,600 327,700 144,600
1,145,000	1,197,300	1,160,000	1,301,000	50005	Indirect Expenses - Overheads Overheads Distributed Debt Servicing	1,319,000	1	1,363,000	3	1,397,100	1,432,000	1,467,800	1,504,500	1,542,100	1,580,700	1,620,200	1,660,700	1,702,200
100	0	0	0	50010	Interest On Loans	0	0	0	0	0	0	0	0	0	0	0	0	0
1,882,900 161,800	1,859,500 111,000	1,478,700 20,600	1,498,900 64,000	50112 50112	Non-cash Expenses Depreciation Loss on Disposal of Infrastructure	1,428,000 0	(5) (100)	1,380,000 0	(3) 0	1,407,600 0	1,435,800 0	1,464,600 0	1,493,900 0	1,523,800 0	1,554,300 0	1,585,400 0	1,617,200 0	1,649,600 0
10,923,600	11,111,600	10,817,000	10,849,900		Total Operating Expenses	11,269,600	4	11,179,400	(1)	11,484,500	11,727,300	12,017,000	12,346,000	12,733,800	13,031,100	13,387,500	13,753,700	14,130,000
(1,290,100) 1,882,900 161,800	(422,500) 1,859,500 111,000	75,500 1,478,700 20,600	349,200 1,498,900 64,000		Operating Result - Surplus / (Deficit) Add Back Depreciation Add Back Loss on Infrastructure Disposal	644,000 1,428,000 0		599,000 1,380,000 0		551,800 1,407,600 0	564,200 1,435,800 0	550,900 1,464,600 0	611,800 1,493,900 0			509,400 1,585,400 0	504,200 1,617,200 0	
754,600	1,548,000	1,574,800	1,912,100		Cash Result - Surplus / (Deficit)	2,072,000	8	1,979,000	(4)	1,959,400	2,000,000	2,015,500	2,105,700	2,022,900	2,080,500	2,094,800	2,121,400	2,241,000
3,800 364,000 536,600 47,800 937,200	0 485,900 0 799,000 1,827,100	0 782,500 0 2,063,400 2,821,700	0 637,500 0 186,400 1,427,000		Capital Movements Less Loan Principal Repayments Less Transfer to Reserves Add Transfer from Reserves Add Capital Income Applied Less Capital Expenditure	0 374,000 0 1,860,000 3,524,000		0 0 307,900 1,174,500 3,427,400		0 844,400 0 2,669,000 3,750,000	0 0 315,000 1,119,000 3,400,000	0 229,400 0 238,000 1,990,100	0 0 2,101,300 1,663,000 5,836,000	0 537,900 0 3,211,000 4,662,000	1,550,800 1,033,500	0 0 1,206,900 1,109,300 4,377,000		0 456,000 0 0 1,751,000
34,000	34,000	34,000	34,000		Cash Result after Capital Movements	34,000	0	34,000	0	34,000	34,000	34,000	34,000	34,000	34,000	34,000	34,000	34,000

Main Renewals Main Renewals - Recurrent Main									WA	ATER - C	APITA	AL EXP	ENDIT	TURE												
Main Renewals Main Renewal - Recurrent 320,000 634,000 706,000 734,000 937,000 9	Expenditure Description		Ex	penditure Y	'ear		Fu	ınding Sou	rces 20	16/17	Fu	nding Sou	rces 20	17/18	F	unding So	urce 201	8/19	F	unding So	urce 20	19/20	Fu	ınding So	urce 20	20/21
Main Renewal - Recurrent 320,000 634,000 766,000 766,000 766,000 776,000		2016/17	2017/18	2018/19	2019/20	2020/21	Grants	Sect 64	Loans	Reserves	Grants	Sect 64	Loans	Reserves	Grants	Sect 64	Loans	Reserves	Grants	Sect 64	Loans	Reserves	Grants	Sect 64	Loans	Reserves
Demolist Grays Laire Reservoir Several S	Main Renewals Main Renewal - Recurrent	320,000	634,000	706,000	784,000	937,000				320,000				634,000				706,000				784,000				937,000
Telemetry Elementry Elemen	Water Reservoirs Demolist Grays Lane Reservoir New Inlet - Lennox Reservoir					20				0						0		0		0		0		0		C C
100,000 500,000 0 0 0 0 0 0 0 0	Miscellaneous Telemetry Ethernet Telemetry Upgrade Smart Meter Network		50,000	50,000										50,000				50,000								12,000 0 0
Pump Sins - Wollongbar Booster 662,000 0 0 0 0 0 0 0 0	Pressure Mgmt Zones (PMZs) Second Stage Installations	100,000	500,000							100,000		500,000		0				0				0				0
North Ballina Distribution Mains Pine Ave Distribution Mains CURA B Distribution Mains Russellion Reticulation Russellion	Water Pump and Bore Stations Pump Stns - Wollongbar Booster		662,000					0		0		662,000		0		0		0		0		0	0	0		0
Marom Creek WTP - Upgrade Marom Creek WTP - Renewals 23,000 26,000 26,000 26,000 26,000 20,000 26,00	Trunk Mains North Ballina Distribution Mains Pine Ave Distribution Mains CURA B Distribution Main Russellton Reticulation Mains Pacific Pine Distribution Main Connections for Green Field Sites PRV at Awater Wheels							0 0 0 0		0 0 0 0 0		0 12,500 0 0 0		0 0 0		0 0		0 0 0 0 0		0		0	0 0 0 0	0 0 0 0 238,000		0 0 330,000 0 0 0
Vehicle and Plant Replacement Vaccum Excavation Equipment 140,000 200,000 123,400 200,000 0 0 141,100 200,000	Water Treatment Plant Marom Creek WTP - Upgrade Marom Creek WTP - Renewals	23,000		26,000	28,000	30,000				0 23,000								0 26,000				0 28,000				0 30,000
Nater Meter - New < 20mm 206,000 212,000 219,000 232,000 Nater Meter - Replacement 54,000 57,000 65,000 70,000 Nater Meter - Conversion of Meters 30,000 65,000 70,000	Plant and Equipment Vehicle and Plant Replacement Vaccum Excavation Equipment	140,000				141,100				140,000 0								0				0				141,100 0
Otal Capital Expenditure 3,524,000 3,427,400 3,750,000 3,400,000 1,990,100 0 1,860,000 0 1,174,500 0 2,252,900 0 2,669,000 0 1,081,000 0 1,119,000 0 2,281,000 0 2,38,000 0 1,752,100 0 1,	Water Capital - Service Connection Water Meter - New <20mm Water Meter - Replacement Water Meter - Conversion of Meters		57,000											57,000												232,000 70,000
	Total Capital Expenditure	3,524,000	3,427,400	3,750,000	3,400,000	1,990,100	0	1,860,000	0	1,664,000	0	1,174,500	0	2,252,900	0	2,669,000	0	1,081,000	0	1,119,000	0	2,281,000	0	238,000	0	1,752,100



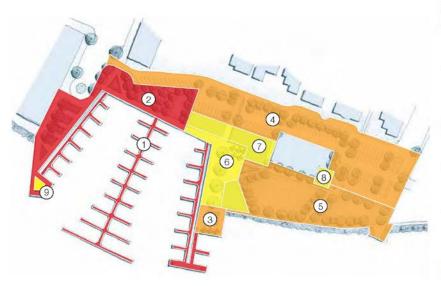




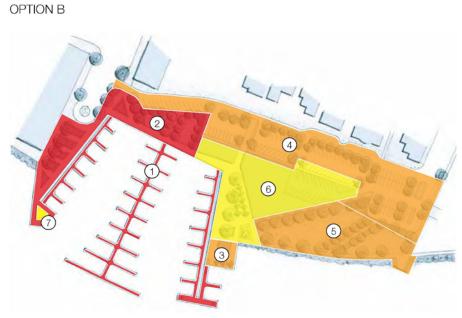


8. IMPLEMENTATION

OPTION A



NO_	ITEM	DETAIL	EST. CC	OST S/N
055	TANK MANAGEMENT	New York Control of the Control of t	LOW	HIGH
	HIGH PRIORITY			
1	New harbour and marina infrastructure	Civil work to create new larger bay and provision of new floating pontoons, gangways, berths and associated marine services	3	6
2	Harbour parkland and western plaza	New soft and hard landscape elements including pavements, walls, lighting, planting and park / urban furniture	0.4	0.5
	MEDIUM PRIORITY			
3	Pilot Station	Relocate and refurbish the existing structure, new paving and urban furniture	0.2	0.4
4	Regatta Avenue and new car park	Road reconstruction and provision of new and modified car park including civil work, services and street tree planting	0.8	1.2
5	Parkland upgrade	New path routes, raised planting beds, tree planting grass, shelters, park furniture and river edge terrace and access steps	0.3	0.5
	LOW PRIORITY			
6	Harbourside plaza	New paved pedestrian plaza, services and planting	0.4	0.6
7	Harbourside development	Three x 2-storey mixed use buildings	3	3.5
8	Museum foyer	Internal building alterations, new built addition with glass facade and paved external plaza	0.2	0.5
9	Harbour beacon	New beacon structure and public viewing platform	0.1	0.2
тот	AL		\$8M	\$13M



10	ITEM	DETAIL	EST. CC	ST \$
	LIICU PRIORITY		LOW	HIGH
	HIGH PRIORITY			
1	New harbour and marina infrastructure	Civil work to create new larger bay and provision of new floating pontoons, gangways, berths and associated marine services	3	6
2	Harbour parkland and western plaza	New soft and hard landscape elements including pavements, walls, lighting, planting and park / urban furniture	0.4	0.5
	MEDIUM PRIORITY			
3	Pilot Station	Relocate and refurbish the existing structure, new paving and urban furniture	0.2	0.4
4	Regatta Avenue and new car park	Road reconstruction and provision of new and modified car park including civil work, services and street tree planting	0.8	1.2
5	Parkland upgrade	New path routes, raised planting beds, tree planting grass, shelters, park furniture and river edge terrace and access steps	0.3	0.5
	LOW PRIORITY			
6	Consolidated harbourside development	Removal of existing buildings including museum, construction of new 5-storey building, paved pedestrian plaza, services and planting	19	22
7	Harbour beacon	New beacon structure and public viewing platform	0.1	0.2
тот	ΛΙ		\$24M	\$31





Ballina Landscape Entry Treatment Master Plan for the Ballina Gateway Project

Prepared for Ballina Shire Council by King and Campbell January 2013

Improving the Entry Experience

Page 1

Preamble

The Pacific Highway bypass of Ballina has stimulated interest in improving the presentation of Ballina.

Over an approximate eight kilometre section of the circl Pacific Highway, including River Street, Kerr Street and Tamarind Drive, the road configuration varies from a two lane road to a four lane road with a large section of River Street incorporating a centre median of approximately three metres wide.

In visual terms this main approach to Ballina is from the viest over a flat (river floodplane) landscape. Like many Australian regional towns this entry is characterised by a diverse range of strip development. Much of this development has occurred as incred the 1970's and is generally of poor quality. This, coupled with predominantly fraffic related functions and a proliferation of unregulated signage and power lines, breates a visually poor entry experience.

The Challenge

Much of the development which contributes to this poor entry experience will be difficult to change in the short to medium term. Funding to Improve the entry experience is also limited.

The challenge presented by this problem is to identify simple and cost effective measures to improve the visual entry experience.

Key Principles

Key principles which underpin the proposals are:

- 1. Measures should be visually bold and of a scale that is consistent with the visual elements with which they will need to compete for attention;
- 2. Elements utilised as part of the scheme should exhibit a consistency of form and colour so as to engender a strong visual identity;
- 3. The proposals should say something about Ballina;
- 4. The proposals should, as much as possible, be designed and implemented by local people, to keep money in the town.

The Concept

The following measures are proposed to meet the above principles;

- A comprehensive tree planting program. Large distinctive trees should be planted in road edges, road verges and in the centre median, wherever possible along the entry road route. Smaller frees should be planted where there are conflicts with overtiead power lines;
- 4. A sculpture program. Nine (§) locations for entry signisculptures or sculptures are identified along the entry route. Signisculptures are to be of large scale, unique to Balina and designed and constructed using regional artists. It is recommended that this program, should be implemented over time through a detailed arts program established specifically for this project;
- . Tidying up road verges generally. This work will include the piping and Zor regrading of existing table drains to create easier verges to maintain, and more regular grass moving-
- . The reuse of the Big Prawn as an iconic entry element is currently being undertaken as part of the Bunnings Development and is supported;
- Encouraging appropriate future development of properties along the youte, including the co-ordination of signage. In this regard, Council are currently preparing a Development Control Plan for the recently established B6 Enterprise Corridor (LEP, 2011).



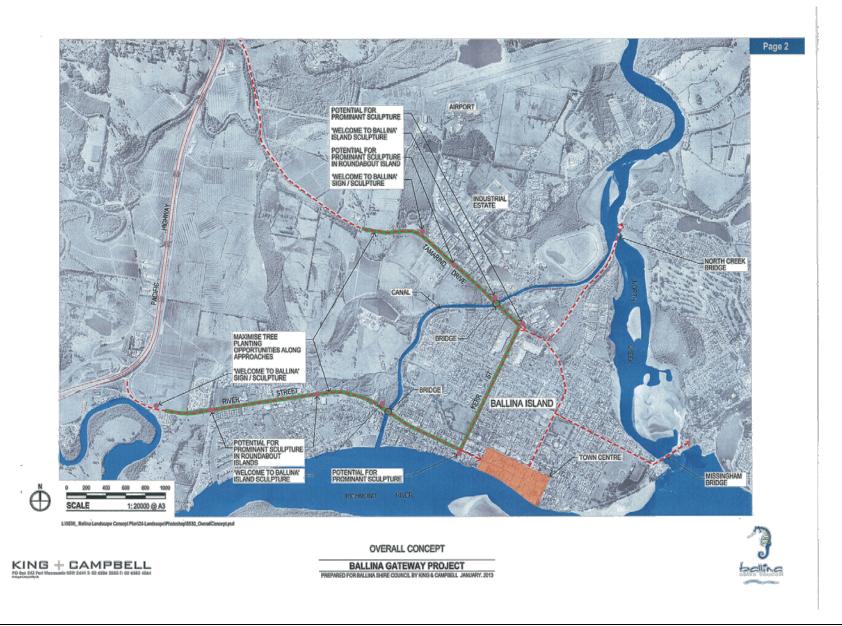


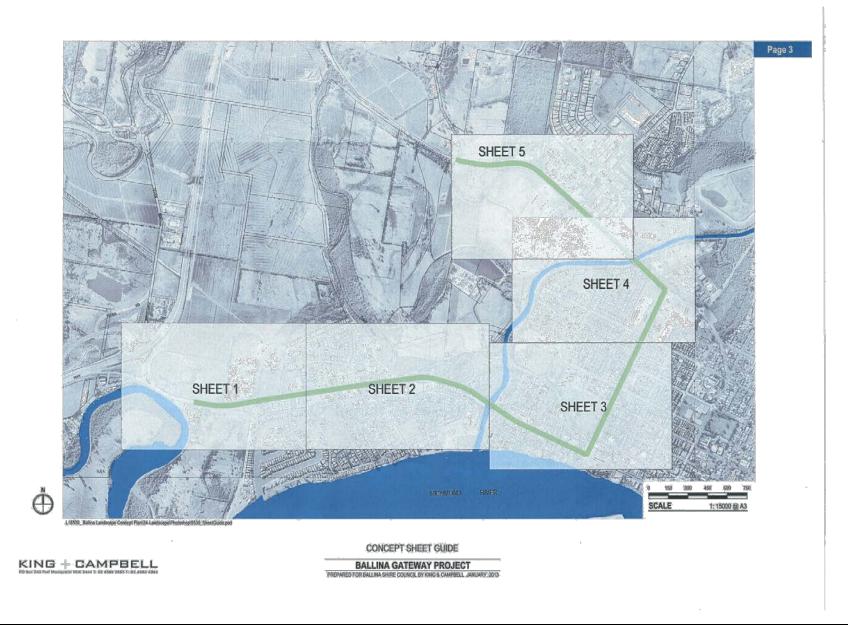


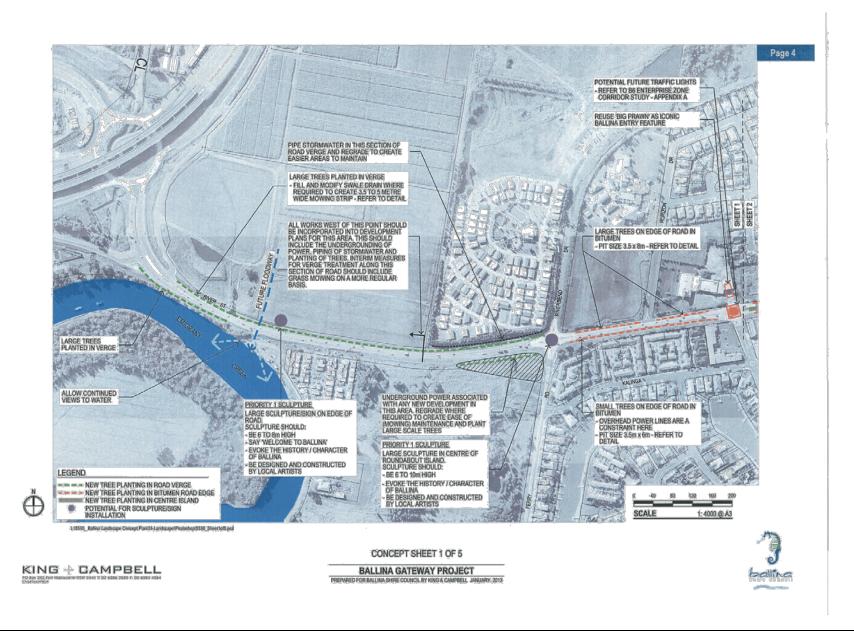


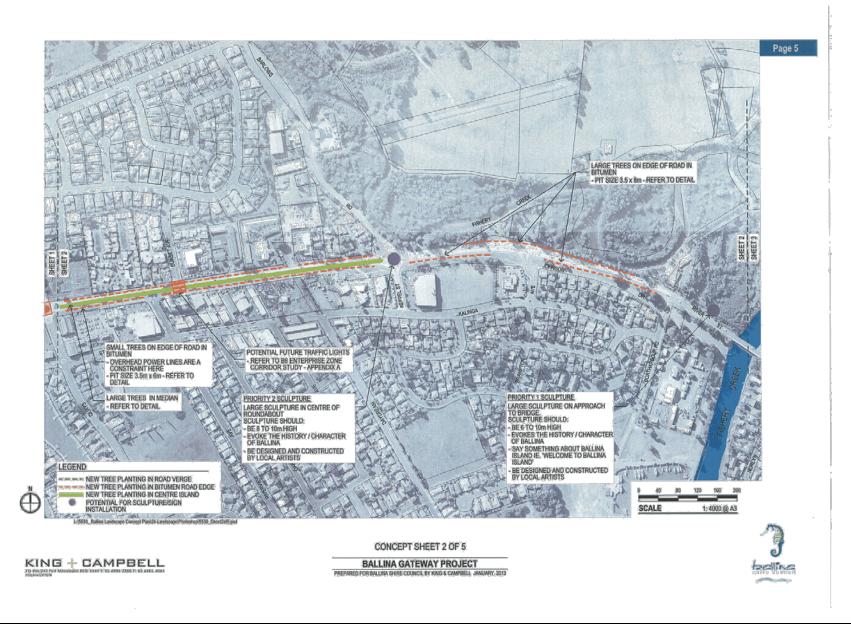
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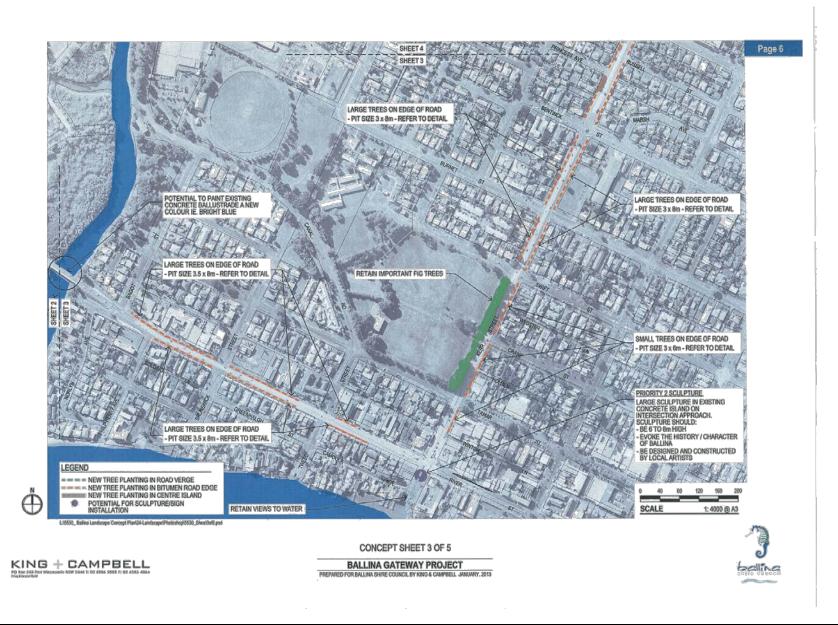
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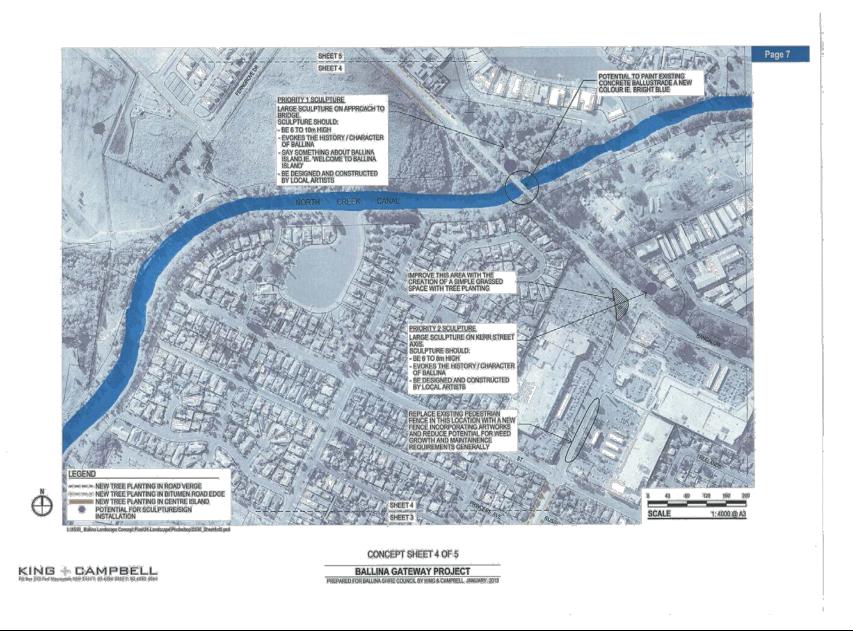


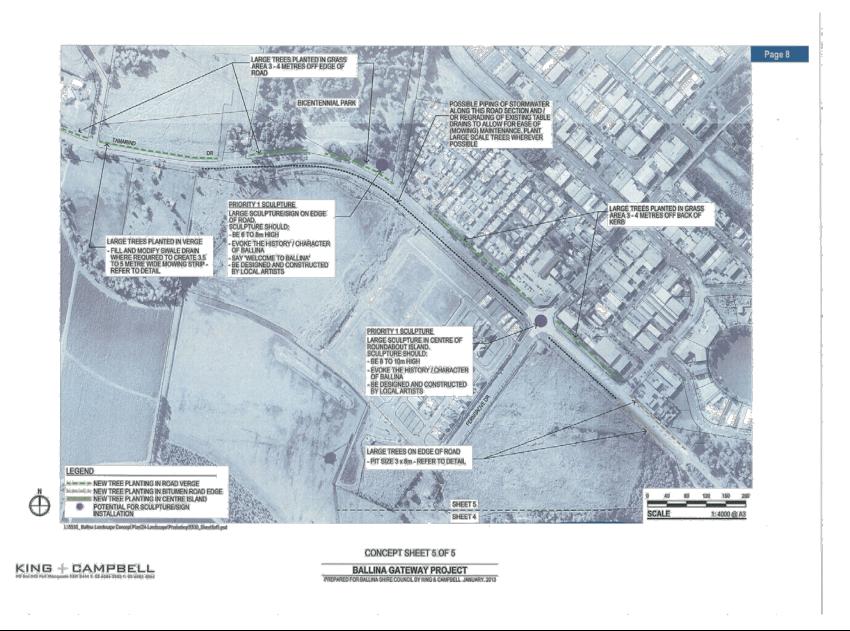


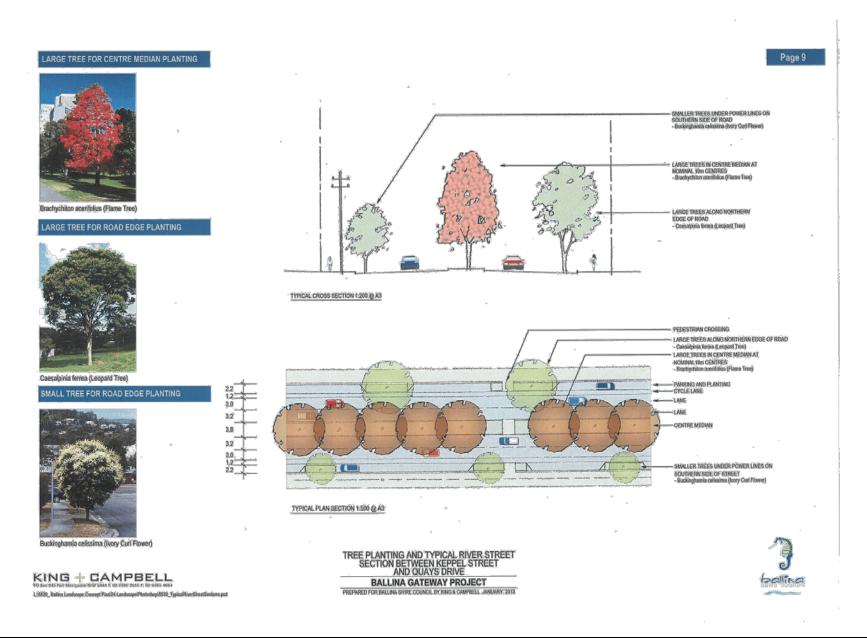


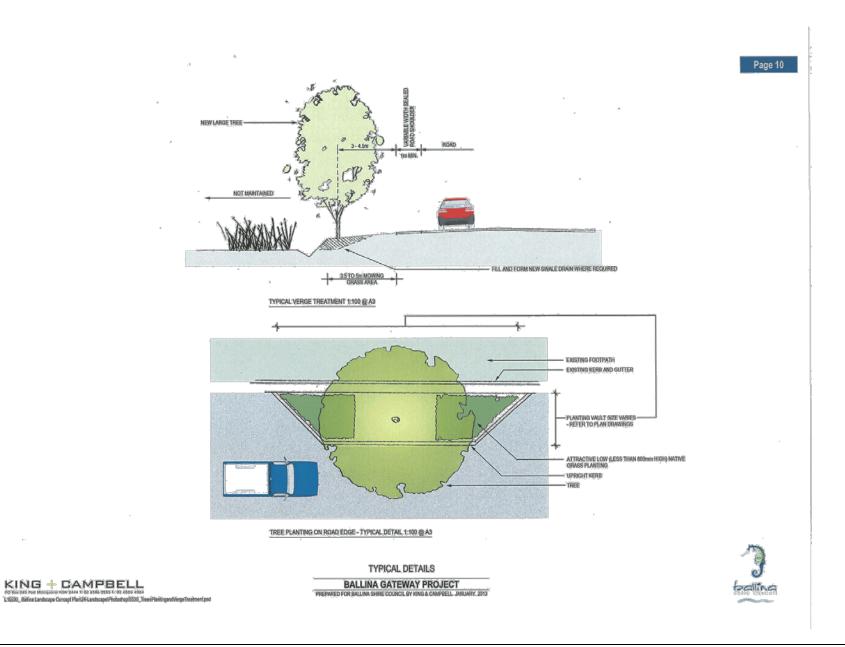








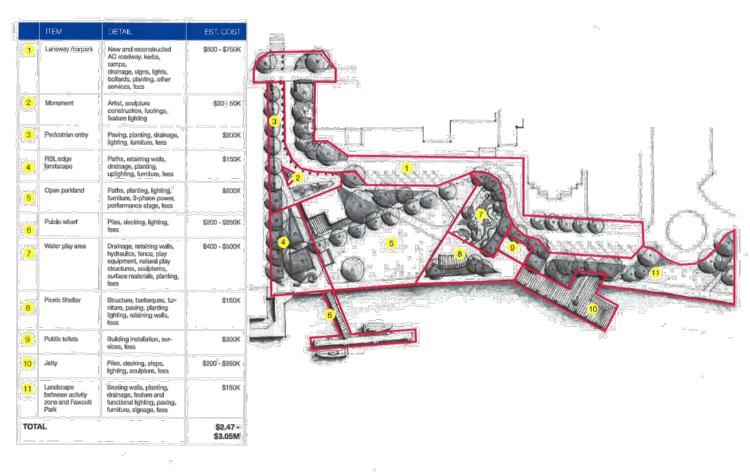






APPENDIX A: BROAD ESTIMATE OF COSTS

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Captain Cook Memorial Park, Ballina LANDSCAPE MASTER PLAN
FEBRUARY 2014
Red Belly Landscape Archifecture + Urigan Design 6 Consile Drive Boarribee NSW 2450 T 0428 517 665 www.wiredbellydesign.com/au Ref. 13010



				Cash Flow	- Property D	evelopment 31 March		orward Finan	cial Plan							
Item	2011/12 Actual	2012/13 Actual	2013/14 Actual	2014/15 Actual	2015/16 Actual	2016/17 Estimate	2017/18 Estimate	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate	2022/23 Estimate	2023/24 Estimate	2024/25 Estimate	2025/26 Estimate	2026/27 Estimate
Opening Balance Excluding Airport Overdraft	303,500						588,500								1,107,600	
Less Airport Overdraft Opening Balance	(302,000)	(454,400)	(454,400)	(592,500)	(724,200)	(444,800)	(173,400)	0	0	0	0	0	0	0	0	0
Revised Opening Balance with Airport Overdraft	1,500	3,983,700	4,159,500	3,185,100	1,812,600	2,775,200	415,100	428,500	2,571,100	637,900	1,277,200	1,234,100	1,443,600	1,132,200	1,107,600	1,078,100
Add: Cash Inflows		470.000	404.000			105 000	45.000			40.000				00.000	00.000	07.000
Interest Accrued Internal Loans Repaid	261,000 288,500	178,000	181,200	110,000	87,000 29,000		15,000	11,000	64,000	16,000	32,000	31,000	36,000	28,000	28,000	27,000
Rental - Norfolk Homes	133,600	136,500	140,000	143,000	144,500		150,400	153,400	156,500	159,600	162,800	166,100	169,400	172,800	176,300	179,800
Rental - ARC (50%)	159,100	161,300	165,000	169,800	129,500	125,400	127,200		132,300	135,000	137,700	140,400	143,200	146,100	149,000	152,000
Sale - Alstonville Tennis Courts Site Sale - Alstonville Plaza	0	0	0	195,300	0	0	1,300,000	0	0	0	0	0	0	0	0	0
Sale - ARC Residual (50%)	0	269,000	302,500	0	0	0	0	0	ő	0	0	ő	ő	0	0	ŏ
Sale - Bagotville Quary	0	0	0	0	450,000	0	0	0	0	0	0	0	0	0	0	0
Sale - Balance Skennars Hd Sale - Ballina High School Road Reserve	0	0	400,700	0	0	0	0	0	0	0	0	0	0	0	0	0
Sale - Harvey Norman	4,246,000	0	0	33,600	0	0	0	0	0	0	0	0	0	0	0	ő
Sale - 9 North Creek Road	0	o	o	0	0	182,400	0	o	o	0	0	0	o	0	ō	o
Sales - 54 North Creek Road	0	0	0	0	0	0	2,500,000	0	0	0	0	0	0	0	0	0
Sale - Land Adjoining BP (50%) Sales - Russellton (Standard Lot Sales)	0	413,000	250,000	0	0	0	00,000	0	0	360,000	360,000	360,000	360,000	360,000	360,000	360,000
Sales - Russellon (Standard Lot Sales) Sales - Southern Cross (Large Lot Sales)	0	413,000	0	0	0	0	90,000	1,350,000	1,350,000	360,000 0	360,000 0	360,000	360,000	360,000	360,000 0	360,000
Sales - Southern Cross (Standard Lot Sales)	0	0	0	210,300	750,000	725,000	0	1,325,000		600,000	600,000	600,000	600,000	600,000	600,000	600,000
Sales - WUEA (Standard Lots)	0	0	0	2,250,000	630,600	387,000	3,990,000	1,980,000		1,980,000	440,000	0	0	0	0	0
Sub Total	5,088,200	1,157,800	1,439,400	3,112,000	2,220,600	1,671,800	8,172,600	4,949,100	5,007,800	3,250,600	1,732,500	1,297,500	1,308,600	1,306,900	1,313,300	1,318,800
Less: Cash Outlays																
Operating Expenditure																
Outgoings - ARC (50%)	3,100	2,800	1,500	600	3,000	4,600	4,500	4,700		5,000	5,100	5,300	5,400	5,600	5,700	5,900
Internal Overheads - Southern Cross Internal Overheads - Russellton	132,400 60,000	67,000 80,000	69,000 66,000	34,000 32,000	43,000 33,000	36,000 33,000	40,000 37,000	41,000 37,900		43,100 39,800	44,200 40,800	45,300 41,800	46,400 42,800	47,600 43,900	48,800 45,000	50,000 46,100
Internal Overheads - WUEA	00,000	00,000	75,000	37,000	48,000		44,000			47,400	48,600	41,000	42,000	45,500	45,000	40,100
Russellton - Operating Exps	35,400	30,000	8,500	14,500	15,000	25,600	26,200	26,800	27,400	28,100	28,800	29,500	30,200	30,900	31,600	31,600
Southern Cross - Operating Exps	65,600	66,000	59,200	47,800	162,000	189,300	72,600	74,000		76,800	78,200	79,700	81,200	82,700	84,200	84,200
WUEA - Operating Expenses Sub Total	7,200 303,700	15,000 260,800	10,300 289,500	43,000 208,900	48,000 352,000	45,000 372,500	46,000 270,300	47,000 276,500		49,100 289,300	50,200 295,900	201,600	206,000	210,700	215,300	217,800
Community Infrastructure Animal Shelter	0	0	370,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Ballina Surf Club	0	0	228,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Wollongbar Sports Fields Community Infrastructure Dividend		0	0	400,000	0	0	0	0	0	1,000,000	1 100 000	500,000	0	700,000	700,000	700,000
Sub Total	0	0	598,000	400,000	0	ő	0	o	ŏ	1,000,000	1,100,000 1,100,000	500,000	ŏ	700,000	700,000	700,000
Property Projects				00000			172									
Airport Lease - Feasibility Airport Boulevard Road		0	0	83,300	27,100	0	4,000,000	0	0	0	0	0	0	0	0	0
ARC Residual - Selling Costs		0	۷	0	100,000	0	4,000,000	0	0	0	0	0	ا	0	0	ő
Bridge Club Sale Legals	42,000	0	0	ō	0	0	0	0	ō	0	0	0	0	0	0	0
Lennox Head Community Centre Legals	0	0	165,800	0	0	0	0	0	0	0	0	0	0	0	0	0
North Creek Dredging North Creek Road (54) - Land Development	5,000	0	0	14,000	15,700	1,085,000	0	0	١	0	0	0	١	0	0	0
89 Tamar Street	0	o	ő	0	3,300	0	0	0	ő	0	o	o	ő	0	ő	o
Russellton - Land Development	60,400	0	86,000	63,700	0	100,000	500,000	0	4,500,000	0	0	0	0	0	0	0
Shelly Beach Cafe Southern Cross - Land Development	198,000	115,000	0	50 100	0 155,000	80,000	0 2,500,000	500,000	0	950,000	0	0	1,000,000	0	0	0
Southern Cross - Land Development Southern Cross - Masterplan	63,000	110,000	51,500	50,100	135,000	100,000	2,500,000	300,000	0	950,000	0	0	1,000,000	0	0	ő
Wigmore Arcade - Redevelopment	0	0	219,200	1,735,900	140,500	0	0	0	ő	ō	ő	o	0	0	ō	0
Wigmore Arcade - Roof Wollongbar Urban Expansion Area - Development	0	49 000	0	1 200 500	315,000	342,900	700.000	1 690 000	1 800 000	0	0	0	0	0	0	0
Sub Total	368,400	48,000 273,000	256,700 779,200	1,329,500 3,276,500	182,000 938,600	2,044,000 3,751,900	720,000 7,720,000	1,680,000 2,180,000	1,800,000 6,300,000	950,000	0	0	1,000,000	0	ő	ő
Dividend					0.234.002											
General Fund	281,500	448,200	609,000	467,400	246,800	178,900	342,300	350,000	358,400	372,000	379,700	386,400	414,000	420,800	427,500	525,700
Total Outlays	953,600	982,000	2,275,700	4,352,800	1,537,400	4,303,300	8,332,600	2,806,500	6,941,000	2,611,300	1,775,600	1,088,000	1,620,000	1,331,500	1,342,800	1,443,500
Closing Balance Excluding Airport Overdraft	4,438,100	4,613,900	3,777,600	2,536,800	3,220,000	588,500	428,500	2,571,100	637,900	1,277,200	1,234,100	1,443,600	1,132,200	1,107,600	1,078,100	953,400
Net Change in Airport Overdraft	(152,400)	0	(138,100)	(131,700)	279,400	271,400	173,400	0	O ₁	0	0	0	0	0	0	o
Closing Airport Reserve Overdraft	(454,400)	(454,400)	(592,500)	(724,200)	(444,800)	(173,400)	0	0	0	0	0	0	0	0	0	0
Revised Closing Balance with Airport Overdraft	3,983,700	4,159,500	3,185,100	1,812,600	2,775,200	415,100	428,500	2,571,100	637,900	1,277,200	1,234,100	1,443,600	1,132,200	1,107,600	1,078,100	953,400
Net Movement - Increase / (Decrease)	4,134,600	175,800	(836,300)	(1,240,800)	683,200	(2,631,500)	(160,000)	2,142,600	(1,933,200)	639,300	(43,100)	209,500	(311,400)	(24,600)	(29,500)	(124,700)