



# ATTACHMENTS

## GENERAL MEETING

Wednesday 10 May 2017  
at 6:30PM



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**ATTACHMENT/S**

**REPORT NO. CS11/17**

**ITEM 1**

- 1. HSC INVESTMENT HOLDINGS REPORT MARCH 2017**
- 2. HSC BORROWINGS SCHEDULE - MARCH 2017**



**Investment Summary Report  
March 2017**

**ATTACHMENT 1 - ITEM 1**

## Hornsby Shire Council Executive Summary - March 2017



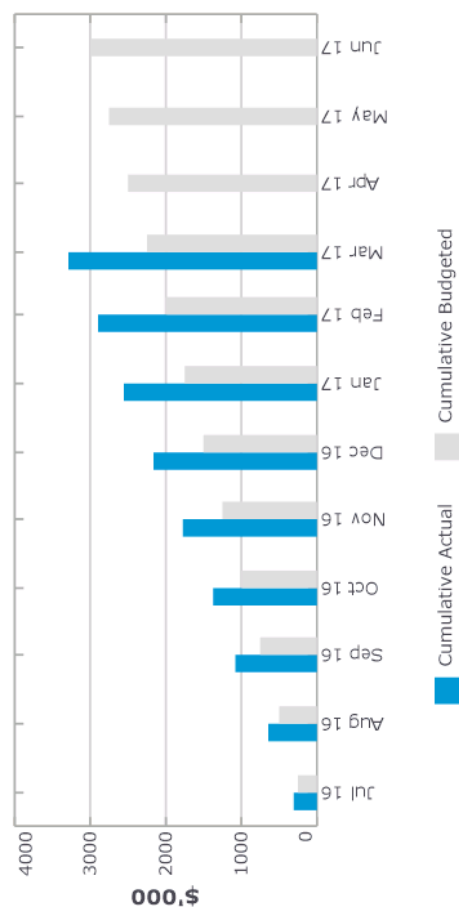
### Investment Holdings

	Face Value (\$'000)	Current Yield (%)	FYTD Yield (%)
Cash	31,951	2.05	2.33
Term Deposit	139,618	2.80	2.89
	<b>171,569</b>	<b>2.66</b>	<b>2.78</b>

### Investment Maturity Profile

	Face Value (\$'000)	Holding %	Policy Max
01. Cash to 1 year	158,569	92%	100%
02. 1 year to 2 years	13,000	8%	70%
03. 2 years to 5 years	0	0%	50%
04. 5 years to 10 years	0	0%	25%
	<b>171,569</b>		

### Budget vs Actual Returns



### Investment Performance

	Performance	RBA Cash Rate Outperformance
March 2017	2.66%	1.50%
Last 3 Months	2.71%	1.50%
Last 6 Months	2.73%	1.50%
Financial Year to Date	2.78%	1.53%
Last 12 Months	2.84%	1.60%
		1.24%





## Hornsby Shire Council

### Investment Holdings Report - March 2017

Investment Type	Bank	Face Value \$'000	Net Return %pa* Month	Net Return %pa* Benchmark	YTD	Net Return %pa* Benchmark	Credit Rating** LT	ST	Holding Allocation	Start Date	Maturity Date	Term Days
Cash	AMP Bank	3	2.05	1.50	2.08	1.53	A+	A-1	0%			
	AMP Bank	15,900	2.15	1.50	2.22	1.53	A+	A-1	9%			31
	Citigroup	16,047	1.95	1.50	2.47	1.53	A	A-2	9%			
<b>Cash</b>		<b>31,951</b>	<b>2.05</b>	<b>1.50</b>	<b>2.33</b>	<b>1.53</b>			<b>19%</b>			
	Bank of Queensland	2,500	2.70	1.50	2.70	1.53	A-	A-2	1%	5-Oct-16	5-Apr-17	182
	ME Bank	1,500	2.80	1.50	2.80	1.53	BBB+	A-2	1%	7-Dec-16	5-Apr-17	119
	Bank of Queensland	2,000	2.77	1.50	2.77	1.53	A-	A-2	1%	12-Oct-16	12-Apr-17	182
	Bank of Queensland	2,500	2.77	1.50	2.77	1.53	A-	A-2	1%	12-Oct-16	12-Apr-17	182
	National Australia Bank	1,500	2.70	1.50	2.70	1.53	AA-	A-1+	1%	13-Oct-16	19-Apr-17	188
	Bank of Queensland	2,500	2.75	1.50	2.75	1.53	A-	A-2	1%	26-Oct-16	26-Apr-17	182
	Suncorp Bank	2,000	2.75	1.50	2.75	1.53	A+	A-1	1%	2-Nov-16	2-May-17	181
	Bank of Queensland	2,000	2.75	1.50	2.75	1.53	A-	A-2	1%	19-Oct-16	3-May-17	196
	Bank of Queensland	2,500	2.75	1.50	2.75	1.53	A-	A-2	1%	2-Nov-16	3-May-17	182
	Suncorp Bank	2,000	2.75	1.50	2.75	1.53	A+	A-1	1%	2-Nov-16	3-May-17	182
	National Australia Bank	2,000	3.05	1.50	3.05	1.53	AA-	A-1+	1%	13-May-15	10-May-17	728
	Suncorp Bank	3,000	2.75	1.50	2.75	1.53	A+	A-1	2%	8-Nov-16	16-May-17	189
	Bank of Queensland	3,000	2.85	1.50	2.85	1.53	A-	A-2	2%	17-Aug-16	17-May-17	273
	Westpac Group	50	2.43	1.50	2.43	1.53	AA-	A-1+	0%	20-Feb-17	18-May-17	87
	Bank of Queensland	2,000	2.80	1.50	2.80	1.53	A-	A-2	1%	16-Nov-16	24-May-17	189
	Suncorp Bank	3,000	2.81	1.50	2.81	1.53	A+	A-1	2%	30-Nov-16	31-May-17	182
	Suncorp Bank	2,000	2.81	1.50	2.81	1.53	A+	A-1	1%	30-Nov-16	6-Jun-17	188
	Westpac Group	68	2.40	1.50	2.40	1.53	AA-	A-1+	0%	8-Mar-17	6-Jun-17	90

# ATTACHMENT 1 - ITEM 1

## Hornsby Shire Council

### Investment Holdings Report - March 2017



Investment Type	Bank	Face Value \$'000	Net Return %pa* Month	Net Return %pa* Benchmark	YTD	Net Return %pa* Benchmark	Credit Rating** LT	ST	Holding Allocation	Start Date	Maturity Date	Term Days
	Bank of Queensland	2,500	2.80	1.50	2.80	1.53	A-	A-2	1%	23-Nov-16	7-Jun-17	196
	Suncorp Bank	3,000	2.81	1.50	2.81	1.53	A+	A-1	2%	30-Nov-16	7-Jun-17	189
	ME Bank	2,000	2.75	1.50	2.75	1.53	BBB+	A-2	1%	9-Nov-16	14-Jun-17	217
	ME Bank	2,000	2.80	1.50	2.80	1.53	BBB+	A-2	1%	7-Dec-16	21-Jun-17	196
	Suncorp Bank	2,000	2.80	1.50	2.80	1.53	A+	A-1	1%	7-Dec-16	5-Jul-17	210
	AMP Bank	2,500	2.80	1.50	2.80	1.53	A+	A-1	1%	4-Jan-17	12-Jul-17	189
	National Australia Bank	2,000	2.73	1.50	2.73	1.53	AA-	A-1+	1%	29-Nov-16	27-Jul-17	240
	Bank of Queensland	3,000	3.00	1.50	3.00	1.53	A-	A-2	2%	4-Aug-16	2-Aug-17	363
	Bank of Queensland	2,000	3.00	1.50	3.00	1.53	A-	A-2	1%	10-Aug-16	9-Aug-17	364
	Bendigo & Adelaide Bank	3,000	2.85	1.50	2.85	1.53	A-	A-2	2%	10-Aug-16	9-Aug-17	364
	Bank of Queensland	2,000	2.70	1.50	2.70	1.53	A-	A-2	1%	15-Feb-17	16-Aug-17	182
	Bendigo & Adelaide Bank	2,500	2.82	1.50	2.82	1.53	A-	A-2	1%	24-Aug-16	16-Aug-17	357
	ME Bank	2,000	2.80	1.50	2.80	1.53	BBB+	A-2	1%	22-Feb-17	22-Aug-17	181
	Bank of Queensland	2,000	2.70	1.50	2.70	1.53	A-	A-2	1%	22-Feb-17	23-Aug-17	182
	Bendigo & Adelaide Bank	3,000	2.82	1.50	2.82	1.53	A-	A-2	2%	24-Aug-16	23-Aug-17	364
	National Australia Bank	2,500	2.72	1.50	2.72	1.53	AA-	A-1+	1%	21-Dec-16	4-Oct-17	287
	National Australia Bank	2,500	2.72	1.50	2.72	1.53	AA-	A-1+	1%	21-Dec-16	11-Oct-17	294
	AMP Bank	2,500	2.75	1.50	2.75	1.53	A+	A-1	1%	20-Mar-17	16-Oct-17	210
	Bendigo & Adelaide Bank	2,000	2.80	1.50	2.80	1.53	A-	A-2	1%	19-Oct-16	18-Oct-17	364
	National Australia Bank	3,000	2.75	1.50	2.75	1.53	AA-	A-1+	2%	7-Dec-16	1-Nov-17	329
	Bank of Queensland	3,000	2.70	1.50	2.70	1.53	A-	A-2	2%	15-Mar-17	15-Nov-17	245
	ME Bank	3,000	2.70	1.50	2.70	1.53	BBB+	A-2	2%	1-Mar-17	22-Nov-17	266

# ATTACHMENT 1 - ITEM 1

## Hornsby Shire Council

### Investment Holdings Report - March 2017



Investment Type	Bank	Face Value \$'000	Net Return %pa* Month	Net Return %pa* Benchmark	YTD	Benchmark	LT	Credit Rating**	Holding Allocation	Start Date	Maturity Date	Term Days
Term Deposit	ME Bank	3,000	2.70	1.50	2.70	1.53	BBB+	A-2	2%	1-Mar-17	29-Nov-17	273
	Commonwealth Bank	3,000	2.74	1.50	2.74	1.53	AA-	A-1+	2%	4-Jan-17	13-Dec-17	343
	Bank of Queensland	3,000	2.70	1.50	2.70	1.53	A-	A-2	2%	8-Mar-17	20-Dec-17	287
	Bendigo & Adelaide Bank	3,000	2.85	1.50	2.85	1.53	A-	A-2	2%	1-Feb-17	7-Feb-18	371
	Bank of Queensland	2,000	2.70	1.50	2.70	1.53	A-	A-2	1%	1-Mar-17	14-Feb-18	350
	ME Bank	2,000	3.15	1.50	3.15	1.53	BBB+	A-2	1%	22-Feb-16	21-Feb-18	730
	Bank of Queensland	2,000	2.70	1.50	2.70	1.53	A-	A-2	1%	1-Mar-17	28-Feb-18	364
	Defence Bank	3,000	2.80	1.50	2.80	1.53	BBB+	A-2	2%	1-Mar-17	28-Feb-18	364
	ME Bank	2,000	3.15	1.50	3.15	1.53	BBB+	A-2	1%	22-Feb-16	28-Feb-18	737
	ME Bank	2,000	2.70	1.50	2.70	1.53	BBB+	A-2	1%	1-Mar-17	28-Feb-18	364
	Commonwealth Bank	2,500	2.73	1.50	2.73	1.53	AA-	A-1+	1%	8-Mar-17	8-Mar-18	365
	Commonwealth Bank	3,000	2.72	1.50	2.72	1.53	AA-	A-1+	2%	13-Mar-17	12-Mar-18	364
	Commonwealth Bank	3,000	2.72	1.50	2.72	1.53	AA-	A-1+	2%	13-Mar-17	13-Mar-18	365
	Commonwealth Bank	3,000	2.72	1.50	2.72	1.53	AA-	A-1+	2%	13-Mar-17	14-Mar-18	366
	Westpac Group	3,000	3.00	1.50	3.00	1.53	AA-	A-1+	2%	11-Jan-17	11-Jan-19	730
	Westpac Group	3,000	3.00	1.50	3.00	1.53	AA-	A-1+	2%	18-Jan-17	23-Jan-19	735
	Westpac Group	2,500	3.00	1.50	3.00	1.53	AA-	A-1+	1%	18-Jan-17	30-Jan-19	742
	Westpac Group	2,500	3.00	1.50	3.00	1.53	AA-	A-1+	1%	25-Jan-17	6-Feb-19	742
	Defence Bank	2,000	3.00	1.50	3.00	1.53	BBB+	A-2	1%	1-Mar-17	27-Feb-19	728
<b>Term Deposit</b>		<b>139,618</b>	<b>2.80</b>	<b>1.50</b>	<b>2.89</b>	<b>1.53</b>			<b>81%</b>			
<b>Total</b>		<b>171,569</b>	<b>2.66</b>	<b>1.50</b>	<b>2.78</b>	<b>1.53</b>			<b>100%</b>			

\* Benchmark is the RBA Cash Rate

YTD Return is the average of monthly returns during the financial year

\*\* Short Term (ST) credit rating applies for investments with less than 12 months to maturity. Long Term (LT) credit ratings apply for investments with more than 12 months to maturity.

# ATTACHMENT 1 - ITEM 1

## HORNSBY SHIRE COUNCIL BORROWINGS SCHEDULE AS AT 31 MARCH 2017

1. LOANS			\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Lender	Date Drawn	Maturity Date	Amount Borrowed	01/07/2016 Opening Balance	New Loan	2016/17 YTD Repayments Principal	Closing Balance	Fixed Interest Rate %
National Australia(46)	27-Jun-07	27-Jun-17	1,000	111		102	9	7.04
National Australia(47)	26-Jun-08	26-Jun-18	2,000	546		194	352	8.56
National Australia(48)	30-Jun-09	30-Jun-19	2,000	776		177	599	8.16
National Australia(49)	22-Jun-10	23-Jun-20	2,000	1002		151	851	7.77
National Australia(50)	27-Jun-11	28-Jun-21	1,000	601		70	532	7.68
Westpac(51)	26-Jun-13	25-Jun-23	2,000	1517		134	1383	5.89
*TOTAL			10,000	4554		828	3725	7.19%

\* Average weighted interest rate based on principal balances outstanding is 7.19%

2. OPERATING LEASES			\$'000	\$'000	\$'000	\$'000	\$'000
Lessor	Date Executed	Expiry date	Total Lease Payments	01/07/2016 Opening Balance	New Leases	2016/17 YTD Repayments	Closing Balance
Macquarie Equipment Finance(95)	31-Aug-12	15-Nov-16	83	5		5	0
Macquarie Equipment Finance(96 to 97)	15-Nov-13	15-Aug-17	196	61		37	24
Macquarie Equipment Finance(98)	15-May-14	15-May-18	24	11		5	6
Macquarie Equipment Finance(99)	15-Nov-14	15-Nov-18	59	41		14	27
Macquarie Equipment Finance (100)	21-Apr-15	15-Nov-17	22	12		7	5
Macquarie Equipment Finance (101)	15-Nov-15	17-Aug-20	545	460		81	379
Macquarie Equipment Finance (102)	15-Feb-16	15-Aug-19	11	9		2	7
TOTAL			940	599		150	448

3. DEBT SERVICE RATIO		Ratio %
Year ending Jun 17 (estimated)		1.20
Year ending Jun16		1.20
Year ending Jun15		4.25
Year ending Jun14		4.39

Debt Service Ratio =		Debt Service Cost
		Revenue from Continuing Operations excluding Capital Items & Specific Purpose Grants/Contributions



**ATTACHMENT/S**

**REPORT NO. CS10/17**

**ITEM 3**

**1. MARCH 2017 QUARTERLY REVIEW**

**2. QUARTERLY BUDGET REVIEW STATEMENT - MARCH  
2017**

**HORNSBY SHIRE COUNCIL**

DELIVERY PROGRAM 2013-17

**2016/17 3RD QUARTER REVIEW**

March 2017



# HIGHLIGHTS

## MY ENVIRONMENT

**Real time outputs** continue to be displayed on Council's website. The number of days where swimming conditions were favourable were: 0% Crosslands, 100% Dangar and 89% Brooklyn Baths

Council is participating in the **Resilient Sydney** project, a collaborative project between all councils of metropolitan Sydney hosted by the City of Sydney Council. Resilient Sydney is an action focused initiative pioneered by the Rockefeller Foundation as part of the 100 Resilient Cities Project. In particular, staff from the Natural Resources Branch are participating in the Adaptive Sydney workshops. Two workshops were attended during this quarter and the final report from the steering committee is expected in June 2017

**New Brooklyn Park Bushcare Group** initiated with local residents

The **Earth Hour Family Fun Day** was run in conjunction with the Native Plant Giveaway to cross promote events. The event was successful in attracting over 700 residents

## MY COMMUNITY

Plans for the **new community centre at Storey Park, Asquith** approved by Council, with construction expected to begin later in 2017

**Australia Day Pool Party** held raising funds for the Hornsby Ku-ring-gai Women's Shelter



**Sunset Sessions** held in Hornsby Mall on the four Friday evenings in February, including live music and street food

## MY LIFESTYLE

**Plan your Parkland**, a six week consultation seeking suggestions from the community about what should be included in the future development of Hornsby Quarry and adjoining Old Mans Valley, conducted

**New sport centre for North Epping** opened on 27 February. Council's role in the project included technical assistance and a contribution of more than \$150,000



**New synthetic cricket pitch at Warrina Street Oval, Berowra** officially opened on 10 March.

The upgraded pitch is part of \$300,000 Council is currently spending on cricket facilities across the Shire, including synthetic wickets at Normanhurst Oval, Foxglove Ovals, Mount Kuring-gai Oval and Cheltenham Oval



## MY PROPERTY

An EPA grant from Better Waste Funding has been used to **upgrade the old pebblecrete street litter bins** across the Shire. Mall bins and litter bins on Westside of Hornsby have also been upgraded as part of this grant

## MY COUNCIL

Council halted its evaluation of the **South Dural Planning Proposal** until an infrastructure plan is prepared with the support of the NSW Government

Over 30,000 people subscribe to **Council's monthly newsletter**. The updated format has been very well received

Council's **social media** reach continues to increase with 13,616 Facebook followers and over 1,000 Instagram followers

The **refreshed advertising template** has improved readability and the page looks more engaging and eye-catching in the local papers

The Council **print tender** was awarded to a panel of four printers and commenced 1 January 2017

**IntraMaps**, new GIS digital mapping system, introduced

Council's draft **Operational Plan and Fees and Charges 2017/18** prepared and on public exhibition 13 April to 15 May 2017

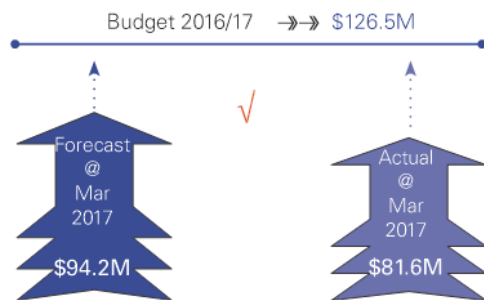
# BUDGET SUMMARY

Consolidated	For the Period of Mar YTD			Full Year Budget			
	Year-to-Date	Year-to-Date	Year-to-Date	Total Year	Total Year	Total Year	Total Year
	2016/17	2016/17	2016/17	2016/17	2016/17	2016/17	2016/17
	Actual	Revised Budget	Variance	Original Budget	Current Revised Budget	Recommended Changes	Projected Final
	\$	\$	\$	\$	\$	\$	\$
<b>OPERATING EXPENSES</b>							
Employee Benefits	32,748,474	34,536,446	1,787,972	48,590,534	46,612,673	0	46,612,673
Borrowing Costs	231,288	230,888	(400)	297,412	297,412	0	297,412
Materials & Contracts	27,616,100	32,505,772	4,889,672	46,276,240	46,036,239	0	46,036,239
Other Expenses	9,674,134	10,248,604	574,470	13,578,748	12,613,781	0	12,613,781
Controllable Expenses	70,269,995	77,521,710	7,251,715	108,742,933	105,560,104	0	105,560,104
Internal Transfers & Depreciation	11,400,216	11,639,317	239,101	17,781,400	15,534,191	0	15,534,191
<b>Total Operating Expenses</b>	<b>81,670,211</b>	<b>89,161,028</b>	<b>7,490,817</b>	<b>126,524,333</b>	<b>121,094,295</b>	<b>0</b>	<b>121,094,295</b>
<b>OPERATING INCOME</b>							
Rates, Levies & Annual Charges	(87,982,189)	(87,425,456)	556,733	(97,280,087)	(87,444,455)	0	(87,444,455)
User charges and fees	(11,454,704)	(10,944,216)	510,489	(16,080,836)	(14,337,456)	0	(14,337,456)
Interest & Investment Revenue	(3,394,338)	(2,404,136)	990,203	(3,205,510)	(3,205,510)	0	(3,205,510)
Other Income	(5,797,142)	(4,761,081)	1,036,060	(6,656,429)	(6,362,611)	0	(6,362,611)
Grants, subsidies, contributions and donations	(6,781,459)	(5,906,719)	874,739	(11,302,600)	(10,570,387)	0	(10,570,387)
Other Operating Contributions	(1,151,636)	(739,027)	412,609	(950,192)	(950,192)	0	(950,192)
<b>Total Operating Income</b>	<b>(116,561,468)</b>	<b>(112,180,635)</b>	<b>4,380,833</b>	<b>(135,475,654)</b>	<b>(122,870,611)</b>	<b>0</b>	<b>(122,870,611)</b>
<b>Net Operating Result</b>	<b>(34,891,257)</b>	<b>(23,019,607)</b>	<b>11,871,650</b>	<b>(8,951,320)</b>	<b>(1,776,316)</b>	<b>0</b>	<b>(1,776,316)</b>
<b>CAPITAL EXPENSES</b>							
WIP Expenditure	15,981,319	25,936,211	9,954,893	37,507,623	35,351,726	0	35,351,726
Asset Purchases	3,420,205	4,001,757	581,551	8,294,821	4,965,936	(40,000)	4,925,936
<b>Total Capital Expenses</b>	<b>19,401,524</b>	<b>29,937,968</b>	<b>10,536,444</b>	<b>45,802,444</b>	<b>40,317,662</b>	<b>(40,000)</b>	<b>40,277,662</b>
<b>CAPITAL INCOME</b>							
Grants, subsidies, contributions and donations	(1,615,079)	(3,430,103)	(1,815,024)	(2,564,697)	(3,889,041)	61,667	(3,827,374)
Proceeds from the sale of assets	(17,506,226)	(17,149,994)	356,232	(17,350,000)	(17,350,000)	0	(17,350,000)
Other Capital Contributions	(15,442,512)	(11,141,978)	4,300,534	(14,855,970)	(14,855,970)	0	(14,855,970)
<b>Total Capital Income</b>	<b>(34,563,817)</b>	<b>(31,722,075)</b>	<b>2,841,742</b>	<b>(34,770,667)</b>	<b>(36,095,011)</b>	<b>61,667</b>	<b>(36,033,344)</b>
<b>Net Capital Result</b>	<b>(15,162,293)</b>	<b>(1,784,107)</b>	<b>13,378,187</b>	<b>11,031,777</b>	<b>4,222,651</b>	<b>21,667</b>	<b>4,244,318</b>
<b>Net Operating &amp; Capital Result</b>	<b>(50,053,550)</b>	<b>(24,803,714)</b>	<b>25,249,836</b>	<b>2,080,457</b>	<b>2,446,335</b>	<b>21,667</b>	<b>2,468,002</b>
<b>FUNDING AND NON-CASH Adjustments</b>							
External Restricted Assets	23,758,236	5,612,158	(18,146,079)	(8,653,135)	1,027,615	0	1,027,615
Internal Restricted Assets	16,250,751	13,378,079	(2,872,672)	23,940,411	10,573,614	0	10,573,614
External Loan Principal Repayments/(Proceeds)	1,846,366	1,346,366	(500,000)	1,612,108	1,612,108	0	1,612,108
Depreciation Contra	(12,495,300)	(12,651,406)	(156,105)	(19,062,352)	(16,868,538)	0	(16,868,538)
ELE Payments	749,138	682,500	(66,638)	0	910,000	0	910,000
<b>Total Funding Adjustments</b>	<b>30,109,191</b>	<b>8,367,697</b>	<b>(21,741,494)</b>	<b>(2,162,968)</b>	<b>(2,745,201)</b>	<b>0</b>	<b>(2,745,201)</b>
<b>Net Operating &amp; Capital Result After Internal Funding Movements</b>	<b>(19,944,359)</b>	<b>(16,436,017)</b>	<b>3,508,342</b>	<b>(82,511)</b>	<b>(298,866)</b>	<b>21,667</b>	<b>(277,199)</b>

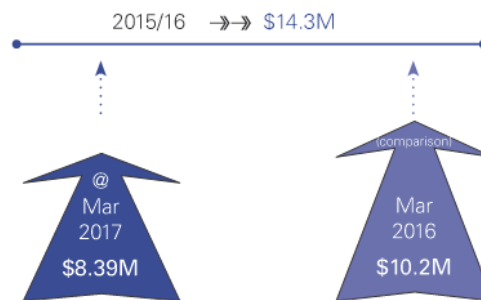


# KEY PERFORMANCE SNAPSHOT

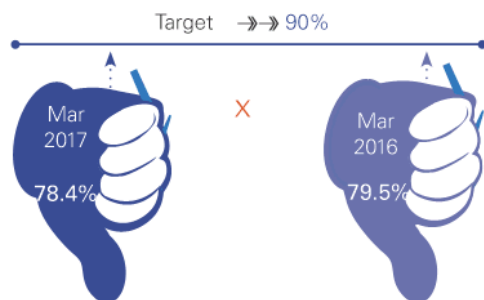
Have we kept our spending within budget?



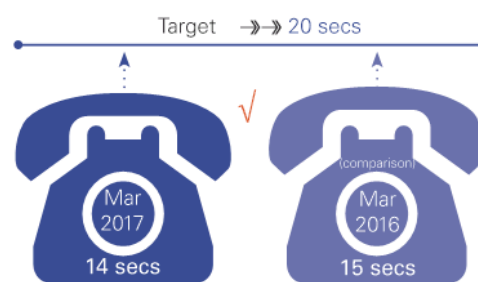
How much have we received in grants this year?



How many service requests were completed on time?



What was the average speed of answering incoming calls to our Customer Service Centre?



## Interesting stats

### VANDALISM & GRAFFITI

	VANDALISM		GRAFFITI	
	Incidents	Cost	Incidents	Cost
@ Mar 2017	23	\$21,600	265	\$13,925
@ Mar 2016	22	\$15,800	380	\$47,400

### DOCUMENTS

DOCUMENTS REGISTERED	
@ Mar 2017	@ Mar 2016
206,297	235,568
Boundary changes with City of Parramatta Council has reduced the volume of correspondence processed	

## HORNSBY SHIRE COUNCIL

**Quarterly Budget Review Statement**  
for the period 01/01/17 to 31/03/17

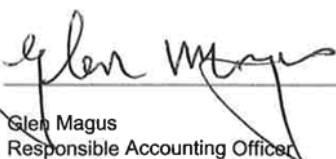
	page
1. Responsible Accounting Officer's Statement	1
2. Income & Expenses Budget Review Statement's	2 & 2a
3. Capital Budget Review Statement	3 & 3a
4. Cash & Investments Budget Review Statement	4 & 4a
5. Key Performance Indicator (KPI) Budget Review Statement	5
6. Contracts & Other Expenses Budget Review Statement	6
7. Consultant & Legal Expenses	7

**HORNSBY SHIRE COUNCIL****Quarterly Budget Review Statement**  
for the period 01/01/17 to 31/03/17**Report by Responsible Accounting Officer**

The following statement is made in accordance with Clause 203(2) of the Local Government (General) Regulations 2005:

It is my opinion that the Quarterly Budget Review Statement for HORNSBY SHIRE COUNCIL for the quarter ended 31/03/17 indicates that Council's projected financial position at 30/6/17 will be Satisfactory at year end, having regard to the projected estimates of income and expenditure and the original budgeted income and expenditure.

Signed:

  
Glen Magus  
Responsible Accounting Officer

date:

19/04/17

**HORNSBY SHIRE COUNCIL****Quarterly Budget Review Statement**  
for the period 01/01/17 to 31/03/17Budget review for the quarter ended 31 March 2017  
**Income & Expenses - All Principal Activities**

(\$000's)	Original Budget 2016/17	Approved Changes				Revised Budget 2016/17	Bud Change Request for Mar Qtr	Projected Year End Result	Actual YTD figures
		Total QBRs Contra Changes	Sep QBRs	Dec QBRs	Mar QBRs				
<b>Income</b>									
Rates & Annual Charges	-87,280,087	0	9,835,632	0	0	-87,444,455	0	-87,444,455	-87,982,189
User Charges & Fees	-16,080,836	0	1,743,379	0	0	-14,337,457	0	-14,337,457	-11,454,704
Interest	-3,205,510	0	0	0	0	-3,205,510	0	-3,205,510	-3,394,338
Other Revenues	-6,656,429	0	378,818	-85,000	0	-6,362,611	0	-6,362,611	-5,797,142
Operating Grants	-11,302,595	0	732,208	0	0	-10,570,387	0	-10,570,387	-6,781,459
Operating Contributions & Donations	-950,192	0	0	0	0	-950,192	0	-950,192	-1,151,636
<b>Total Income from Continuing Operations</b>	<b>-135,475,649</b>	<b>0</b>	<b>12,690,037</b>	<b>-85,000</b>	<b>0</b>	<b>-122,870,612</b>	<b>0</b>	<b>-122,870,612</b>	<b>-116,561,468</b>
<b>Expenses</b>									
Employee Expense	48,590,533	0	-976,458	-91,403	0	47,522,673	0	47,522,673	33,497,611
Borrowing Expense	297,412	0	0	0	0	297,412	0	297,412	231,288
Materials & Contracts	44,327,105	0	-676,375	241,403	0	43,892,133	0	43,892,133	25,096,188
Depreciation-&Amortisation	19,062,352	0	-2,193,814	0	0	16,868,538	0	16,868,538	12,495,300
Internal Expenses	-1,280,952	0	-53,395	0	0	-1,334,347	0	-1,334,347	-1,095,084
Legal Expenses	820,200	0	0	0	0	820,200	0	820,200	717,660
Consultants	1,144,726	0	194,180	0	0	1,338,906	0	1,338,906	1,802,251
Other Expenses	13,562,956	0	-964,175	0	0	12,598,781	0	12,598,781	9,674,134
<b>Total Expenses from Continuing Operations</b>	<b>126,524,333</b>	<b>0</b>	<b>-4,670,037</b>	<b>150,000</b>	<b>0</b>	<b>122,004,296</b>	<b>0</b>	<b>122,004,296</b>	<b>82,419,349</b>
<b>Net Operating Result from Continuing Operations</b>	<b>-8,951,316</b>	<b>0</b>	<b>8,020,000</b>	<b>65,000</b>	<b>0</b>	<b>-866,316</b>	<b>0</b>	<b>-866,316</b>	<b>-34,142,119</b>
<b>Net Operating Result before Capital Items</b>	<b>-8,951,316</b>	<b>0</b>	<b>8,020,000</b>	<b>65,000</b>	<b>0</b>	<b>-866,316</b>	<b>0</b>	<b>-866,316</b>	<b>-34,142,119</b>



**HORNSBY SHIRE COUNCIL****Quarterly Budget Review Statement**  
for the period 01/10/16 to 31/12/16**Income & Expenses Budget Review Statement**  
**Recommended changes to revised budget**

Budget Variations being recommended include the following material items:

Notes		Details
	\$	

Please refer to Deputy General Manager's report CS10/17 for recommended Budget Variations.

**HORNSBY SHIRE COUNCIL****Quarterly Budget Review Statement**  
for the period 01/01/17 to 31/03/17

Budget review for the quarter ended 31 March 2017

**Capital Budget - All Principal Activities**

(\$000's)	Original Budget 2016/17	Approved Changes					Revised Budget 2016/17	Notes Bud Change Request for Mar Qtr	Projected Year End Result	Actual YTD figures
		Total QBRs Contra Changes	Sep QBRs	Dec QBRs	Mar QBRs	Jun QBRs				
<b>Capital Expenditure</b>										
WIP Expenditure & Asset Purchases	45,802,444	0	2,342,694	-7,827,476	0	0	40,317,662	-40,000	40,277,662	19,401,524
<b>Total Capital Expenditure</b>	<b>45,802,444</b>	<b>0</b>	<b>2,342,694</b>	<b>-7,827,476</b>	<b>0</b>	<b>0</b>	<b>40,317,662</b>	<b>-40,000</b>	<b>40,277,662</b>	<b>19,401,524</b>
<b>Capital Funding</b>										
Capital Grants	-2,564,701	0	113,857	-1,438,196	0	0	-3,889,040	61,667	-3,827,373	-1,615,079
Capital Contributions & Donations	-14,855,970	0	0	0	0	0	-14,855,970	0	-14,855,970	-15,442,512
Asset Sales	-17,350,000	0	0	0	0	0	-17,350,000	0	-17,350,000	-17,506,226
	<b>-34,770,671</b>	<b>0</b>	<b>113,857</b>	<b>-1,438,196</b>	<b>0</b>	<b>0</b>	<b>-36,095,010</b>	<b>61,667</b>	<b>-36,033,343</b>	<b>-34,563,817</b>
<b>Other Funding</b>										
External Restricted Assets	-8,653,135	0	496,432	9,184,318	0	0	1,027,615	0	1,027,615	23,758,236
Internal Restricted Assets	23,940,411	0	-13,166,797	-200,000	0	0	10,573,614	0	10,573,614	16,250,751
External Loan Principal Repayments	1,612,108	0	0	0	0	0	1,612,108	0	1,612,108	1,846,366
Writeback Depreciation	-19,062,352	0	2,193,814	0	0	0	-16,868,538	0	-16,868,538	-12,495,300
<b>Total Capital Funding</b>	<b>-36,933,639</b>	<b>0</b>	<b>-10,362,694</b>	<b>7,546,122</b>	<b>0</b>	<b>0</b>	<b>-39,750,211</b>	<b>61,667</b>	<b>-39,688,544</b>	<b>-5,203,763</b>
<b>Net Capital Funding</b>	<b>8,868,805</b>	<b>0</b>	<b>-8,020,000</b>	<b>-281,354</b>	<b>0</b>	<b>0</b>	<b>567,451</b>	<b>21,667</b>	<b>589,118</b>	<b>14,197,761</b>
<b>Net Operating Result before Capital Items</b>	<b>-8,951,316</b>	<b>0</b>	<b>8,020,000</b>	<b>65,000</b>	<b>0</b>	<b>0</b>	<b>-866,316</b>	<b>0</b>	<b>-866,316</b>	<b>-34,142,119</b>
<b>Net Operating &amp; Capital Result after Funding</b>	<b>-82,511</b>	<b>0</b>	<b>0</b>	<b>-216,354</b>	<b>0</b>	<b>0</b>	<b>-298,866</b>	<b>21,667</b>	<b>-277,199</b>	<b>-19,944,358</b>

**ATTACHMENT 2 - ITEM 3**

**HORNSBY SHIRE COUNCIL****Quarterly Budget Review Statement****Capital Budget Review Statement  
Recommended changes to revised budget**

for the period 01/10/16 to 31/12/16

Budget Variations being recommended include the following material items:

Notes	\$	Details
-------	----	---------

Please refer to Deputy General Manager's report CS10/17 for recommended Budget Variations.

**HORNSBY SHIRE COUNCIL****Quarterly Budget Review Statement**  
for the period 01/01/17 to 31/03/17

Budget review for the quarter ended 31 March 2017  
Cash & Investments - All Principal Activities

	Original Budget 2016/17	Revised Budget Projected Year End 2016/17	Actual YTD figures
<b>Opening Balance Cash &amp; Investments</b>	<b>126,012,000</b>	<b>126,012,000</b>	<b>126,012,000</b>
Externally Restricted <sup>(1)</sup>	47,972,401	47,972,401	94,791,022
Internally Restricted <sup>(2)</sup>	64,188,325	64,188,325	67,619,781
<b>Total Restrictions</b>	<b>112,160,726</b>	<b>112,160,726</b>	<b>162,410,802</b>
<b>Unrestricted (ie. available after the above Restrictions)</b>	<b>11,985,490</b>	<b>11,985,490</b>	<b>11,905,850</b>
<b>Total Cash &amp; Investments</b>	<b>124,146,216</b>	<b>124,146,216</b>	<b>174,316,653</b>

(1) Funds that must be spent for a specific purpose

(2) Funds that Council has earmarked for a specific purpose

**HORNSBY SHIRE COUNCIL****Quarterly Budget Review Statement**  
for the period 01/01/17 to 31/03/17**Cash & Investments Budget Review Statement****Investments**

Investments have been invested in accordance with Council's Investment Policy.

**Cash**

The value of Cash at Bank which has been included in the Cash & Investment Statement totals \$5,921,626

This Cash at Bank amount has been reconciled to Council's physical Bank Statements.  
The date of completion of this bank reconciliation is 31/03/17

**Reconciliation Status**

The YTD Cash & Investment figure reconciles to the actual balances held as follows:

**\$ 000's**

GL Investments - Trial Balance	171,569
GL Cash at Bank - Trial Balance	2,741
GL Cash on Hand - Trial Balance	6
	<b>174,316</b>

**Reconciled Cash at Bank & Investments**

Investments as per Council Report	171,569
Less Fair Value Adjustment	
<b>Investment Total</b>	<b>171,569</b>

Cash at Bank (as per bank statements)	2,790
less: Unpresented Cheques (Timing Difference)	89
add: Undeposited Funds (Timing Difference)	-138
<b>Cash at Bank Total</b>	<b>2,741</b>

<b>Cash on Hand Total</b>	<b>6</b>
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**HORNSBY SHIRE COUNCIL****Quarterly Budget Review Statement**  
for the period 01/01/17 to 31/03/17**Key Performance Indicators Budget Review Statement (subject to external audit)**

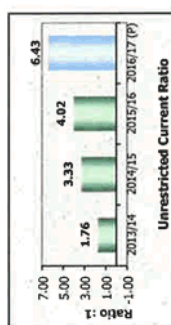
Budget review for the quarter ended 31 March 2017

(\$'000's)	Current Projection		June Projection Indicator 16/17	Actuals	
	Amounts 16/17	Indicator 16/17		Prior Periods 15/16	14/15

The Council monitors the following Key Performance Indicators:

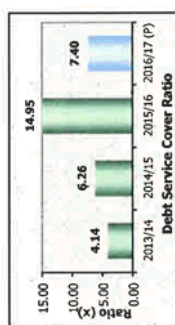
<b>Unrestricted Current Ratio</b>					
Current Assets less External Restrictions	81,372	6.43	6.43	4.02	3.33
Current Liabilities less Specific Purpose Liabilities	12,663				

This indicator assesses the adequacy of working capital and its ability to satisfy obligations in the short term for the unrestricted activities of Council.



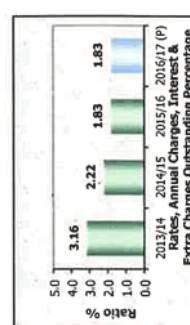
<b>Debt Service Cover Ratio</b>					
Operating Result before capital expd, interest and depreciation/impairment/amortisation	10,423	7.40	7.40	14.95	6.26
Principal repayments and borrowing interest costs	1,410				

This ratio measures the availability of operating cash to service debt including interest, principal and lease payments.



<b>Rates, Annual Charges, Interest &amp; Extra Charges Outstanding Percentage</b>					
Rates, Annual and Extra Charges Outstanding	1,603	1.83	1.83	1.83	2.22
Rates, Annual and Extra Charges Collectible	87,716				

This indicator is to assess the impact of uncollected rates and annual charges on Council's liquidity and the adequacy of recovery efforts.



## Contracts Budget Review Statement

Budget review for the quarter ended 31 March 2017

Part A - Contracts Listing - contracts entered into during the quarter

Contractor	Contract detail & purpose
<p>1. <b>Contractor</b></p> <p>2. <b>Contract detail &amp; purpose</b></p>	<p>3. <b>Contract detail &amp; purpose</b></p>

[illegible]

**Notes:**

A. Restricted Asset from previous year utilised

1. Minimum reporting level is 1% of estimated income from continuing operations of Council or \$50,000 - whatever is the lesser.
2. Contracts listed are those entered into during the quarter being reported and exclude contractors on Council's Preferred Supplier list.
3. Contracts for employment are not required to be included.

**HORNSBY SHIRE COUNCIL****Quarterly Budget Review Statement**  
for the period 01/01/17 to 31/03/17**Consultancy & Legal Expenses Budget Review Statement**

Budget review for the quarter ended 31 March 2017

Consultancy &amp; Legal Expenses Overview

Expense	YTD Expenditure (Actual Dollars)	Budgeted (Y/N)
Consultancies	1,802,251	Y
Legal Fees	717,660	Y

**Definition of a consultant:**

A consultant is a person or organisation engaged under contract on a temporary basis to provide recommendations or high level specialist or professional advice to assist decision making by management. Generally it is the advisory nature of the work that differentiates a consultant from other contractors.

**Comments**

The consultancies expense is higher in this financial years compared to historic amounts because of the implementation of Council's new IT system.



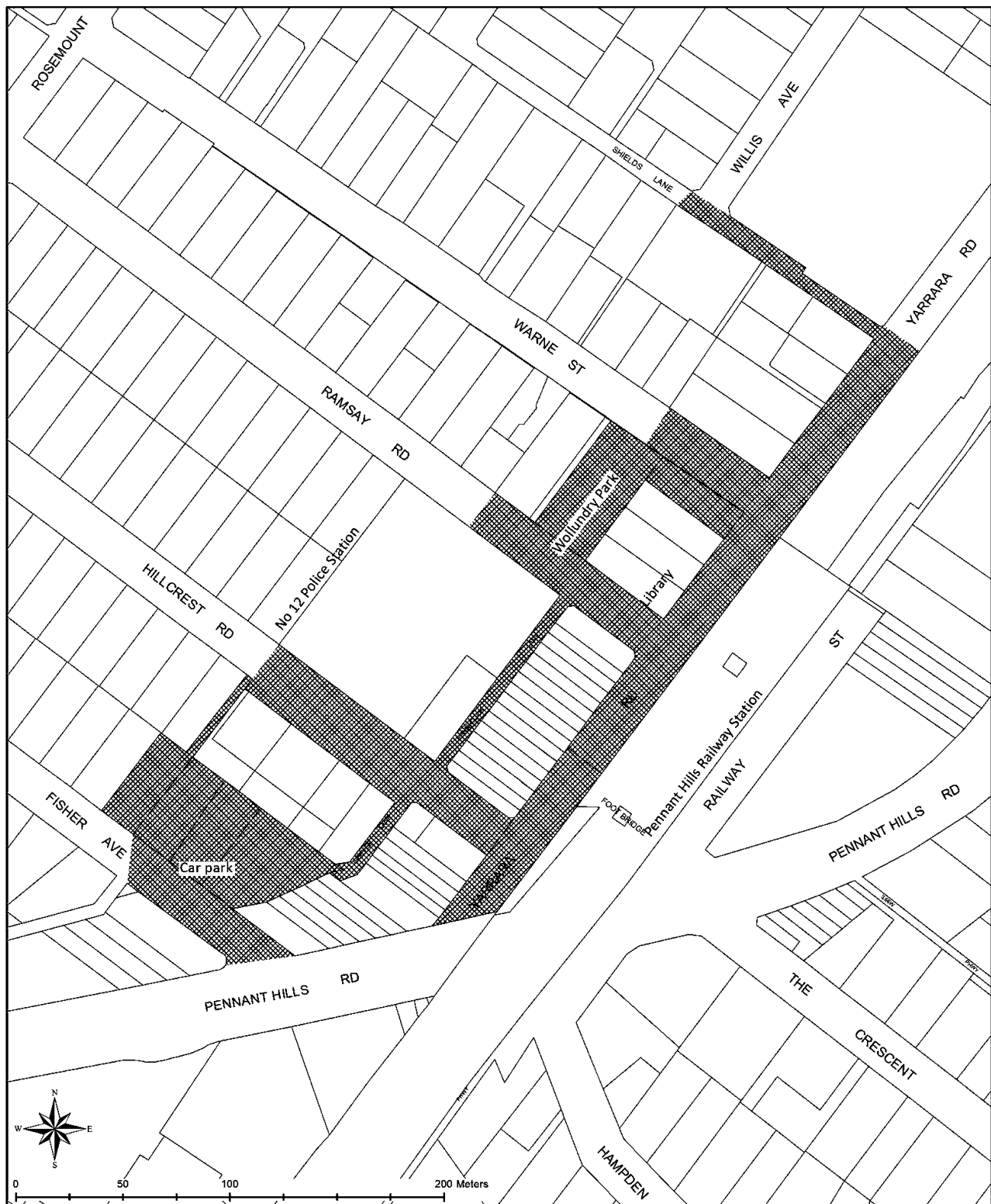
**ATTACHMENT/S**

**REPORT NO. EH3/17**

**ITEM 4**

**1. ALCOHOL FREE ZONE PLAN - PENNANT HILLS**

# ATTACHMENT 1 - ITEM 4



## Plan showing proposed Alcohol Free Zone PENNANT HILLS

### Legend

-  - Property Boundaries
-  - Alcohol Free Zone



Dimensions, location of features and boundaries are indicative only, their actual position has not been surveyed.  
Hornsby Shire Council accepts no responsibility for any incident arising from any inaccuracy.

Copyright © Hornsby Shire Council 2017 - Author DL, 20/02/2017

**ATTACHMENT/S**

**REPORT NO. EH4/17**

**ITEM 5**

- 1. CRR BALANCE**
- 2. CRR SUMMARY OF TOTAL EXPENDITURE**
- 3. CRR PANEL REPORT**

**BALANCE OF CRR FUNDS AS AT 31 DECEMBER 2015****PREVIOUS YEARS (1994/95 to 2014/15)**

	\$'000
<b>Total Income</b>	<b>44,689</b>
<b>Total Expenditure</b>	<b>43,660</b>
<b>Balance at 30/6/2015</b>	<b>1,029</b>

**2015/16 FINANCIAL YEAR**

	\$'000
<b>Balance b/f</b>	<b>1,029</b>
<b>Total Income</b>	<b>3,233</b>
(includes interest income of \$87k)	
<b>Total Expenditure</b>	<b>3,896</b>
<b>Balance at 30/06/2016</b>	<b>366</b>

**Q2 2016/17 FINANCIAL YEAR**

	\$'000
<b>Balance b/f</b>	<b>366</b>
<b>Total Income</b>	<b>2,700</b>
<b>Total Expenditure</b>	<b>1,366</b>
<b>Balance at 30/06/2016</b>	<b>1,700</b>

CRR Expenditure Summary\_1st &amp; 2nd Quarter 2016-17

	Account/ Project No. (work orders)	LOCATION	WARD	DEVICE (Key Below)	1 Previous Years Actual Exp	2 2015/16 Actual Exp	3 2016/17 Original Budget	4 2016/17 Revised Budget	5 2016/17 Actual YTD	6 2016/17 % Completed (Key Below)	7=4-5 2016/17 Balance	8=1+2+5 TOTAL Actual Exp. \$'000
1	8697/403	WEST PENNANT HILLS 152 F15 Off Boundary Rd	C	W1	283				-		-	283
2	8698/199	ARCADIA TIP REHAB	A	Leachate	270				-		-	270
3	8698/302	THORNLEIGH 133 A8 Larool Cres (Larool Ck)	B	GPT	143				-		-	143
4	8698/306	EPHING 173 B12 Opp. Kandy Ave	C	ST1/GPT	120				-		-	120
5	8698/307	BEROWRA HTS 94 L13 The Gully Rd	A	2x GPT	60				-		-	60
6	8698/308	WESTLEIGH 152 L6 Off Elouera Ave	B	SR2	43				-		-	43
7	8698/309	SEDIMENTARY CONTROL (Wages & Vehicles)	n/a		61				-		-	61
8	8698/311	BEROWRA HTS 94 E8 Off Berowra Waters Rd	B	GPT	18				-		-	18
9	8698/312	THORNLEIGH 152 Q12 Janet Ave	B	GPT	60				-		-	60
10	8698/313	BROOKLYN 56 D11 Opp. Ross St	A	WM	46				-		-	46
11	8698/314	HORNSBY 133 K15 End Water St	B	GPT	83				-		-	83
12	8698/315	HORNSBY 133 D11 End Stewart Ave	B	ST1/SR2	19				-		-	19
13	8698/316	WEST PENNANT HILLS 152 E15 John Savage Cres	C	SR2	39				-		-	39
14	8698/317	HORNSBY 153 K1 Burdett St	B	GPT	102				-		-	102
15	8698/318	ASQUITH 133 J7 Opp. Tarro Cl	A	GPT	64				-		-	64
16	8698/319	GLENORIE 91 C4 Off Teoma Dr	A	GPT	82				-		-	82
17	8698/320	HORNSBY 133 F16 Pacific Hwy (Hornsby Park)	B	GPT	39				-		-	39
18	8698/321	W/SEMAN FERRY 30 N6 End Old Northern Rd	A	GPT	16				-		-	16
19	8698/322	HORNSBY 153 D5 End Clovelly Rd	B	W1	159				-		-	159
20	8698/323	MT COLAH 133 N1 39-41 Parklands Rd	A	ST1/SR2	53				-		-	53
21	8698/324	CERRYBROOK 152 B13 Casuarina Dr	B	SR2	1				-		-	1
22	8698/325	PENNANT HILLS 152 P18 Warne Ave	C	GPT	1				-		-	1
23	8698/324	CERRYBROOK 152 C14 Casuarina Dr	B	GPT/SR2	-				-		-	-
24	8698/325	PENNANT HILLS Warne Ave	B	GPT	-				-		-	-
25	8698/326	ASQUITH 133 K10 & L9 Wall Ave / Watlie St	A	GPT's	47				-		-	47
26	8698/327	PENNANT HILLS 153 A16 End Abdon/Orchard St	C	ST1/WM	29				-		-	29
27	8698/328	BEECROFT 172 H12 Off Plympton Rd	C	W2	305				-		-	305
28	8698/329	WEST HORNSBY 133 A16 Off Valley Rd	B	ST1	41				-		-	41
29	8698/330	BEECROFT 172 L6 Sutherland Rd	C	GPT	81				-		-	81
30	8698/331	MT. KURINGAI 114 E5 End Hamley Rd	A	WM/GPT	36				-		-	36
31	8698/332	DURAL 151 L3 End Millstream Gr	B	WM/GPT	24				-		-	24
32	8698/333	NORMANHURST 153 G8 Davidson Park	B	SR2	69				-		-	69
33	8698/334	GALSTON 111 L7 Sallaway Rd	A	WM	36				-		-	36
34	8698/335	BROOKLYN Parsley Bay	A	GPT	58				-		-	58
35	8698/336	GALSTON 112 B11 Galston Rd	A	GPT	1				-		-	1
36	8698/337	CERRYBROOK 151 N11 Woodgrove Ave	B	WM/GPT	77				-		-	77
37	8698/338	THORNLEIGH 152 M12 End Bellamy St	C	GPT	25				-		-	25
38	8698/339	BEECROFT 172 H5 Hull Rd	C	ST2	36				-		-	36
39	8698/340	BEROWRA 94 M9 End The Gully Rd	A	W2	-				-		-	-
40	8698/341	BEROWRA 94 D9 End Berkley Cl	A	ST1	37				-		-	37
41	8698/342	NORMANHURST 153 K12 End Nanowie Ave	B	ST2	1				-		-	1
42	8698/343	WESTLEIGH 152 K7 Opp. Lisa Cl	B	ST1	-				-		-	-
43	8698/344	CASTLE HILL 151 L9 End Baydon St	B	WM	32				-		-	32
44	8698/345	CERRYBROOK 151 N9 Boulidrewood Pl	B	GPT	16				-		-	16
45	8698/346	WEST HORNSBY 153 A2 60 Valley Rd	B	SR	-				-		-	-
46	8698/346	WEST PENNANT HILLS 172 E3 Boyd Park	C	GPT	40				-		-	40
47	463/601	BEECROFT 172 K12 Ray Park	C	W2	93				-		-	93
48	463/602	BEROWRA 114 J1 Bambill Rd	A	GPT	75				-		-	75
49	463/603	BROOKLYN 56 B12 Old Tip Site	A	SR2	-				-		-	-
50	463/604	EPHING Blaxland Rd Welland GPD	C	W2/GPD	1				-		-	1
51	463/605	EPHING Stanley Rd GPD	C	GPD	83				-		-	83
52	463/606	HORNSBY 153 G6 End Warandoo St	B	GPT	38				-		-	38

## ATTACHMENT 2 - ITEM 5

CRR Expenditure Summary\_1st &amp; 2nd Quarter 2016-17

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53	463607	HORNSBY HTS 113 E14 Heights Pl	A	GPT	40				-		-	40
54	463608	CHELLENHAM 172 Q6 End Mallon Rd	C	ST2	54				-		-	54
55	463610	DURAL 151 K5 Hastings Rd	B	WM/ST2	455				-		-	455
56	463611	THORNLEIGH End Bellamy St	B	GPD	12				-		-	12
57	463612	HORNSBY 153 E4 Clovelly Rd	A	GPT	81				-		-	81
58	463613	HORNSBY 133 D10 Clarinda Street	A	W2	241				-		-	241
59	463614	Dangar Road, Brooklyn		GPD	-				-		-	-
60	463615	Berowra Waters, 94A3, Berowra Waters Rd	A	GPD	29				-		-	29
61	463616	Berowra, 94G11, Josiah Cr	A	GPD/ST2	30				-		-	30
62	463617	Lonsdale Ave., Berowra		GPD	-				-		-	-
63	463618	Evards Rd, Berowra		GPD	-				-		-	-
64	463619	Gully Rd, Berowra		GPD	-				-		-	-
65	463620	Greenvale St., Hornsby		GPD	-				-		-	-
66	463621	Avery St., Hornsby		GPD	-				-		-	-
67	463622	Hornsby, 133P15, Gleneagles Cres	B	GPD/ST2	13				-		-	13
68	463623	Capella Cl., Normanhurst		GPD	-				-		-	-
69	463624	Osborn Rd., Normanhurst		GPD	-				-		-	-
70	463625	Koorringal Ave., Thornleigh		GPD	-				-		-	-
71	463626	Thornleigh, 152Q11, Headon Park	B	GPD	3				-		-	3
72	463627	Pennant Hills, 152J15, Lawrence St (High school)	B	GPD	-				-		-	-
73	463628	Beecroft, 172L11, Midson Rd	C	W1/ST1	252				-		-	252
74	463629	Hornsby CBD		GPD	-				-		-	-
75	463630	Berowra, 94J9, Warnia St	A	GPD	63				-		-	63
76	463631	Berowra Waters, 94A2, Kirkpatrick Way	A	ST2	-				-		-	-
77	463632	Berowra CBD	A	GPD	2				-		-	2
78	10089	Mt. Colah, 113P15, Jessica Place	A	GPD	25				-		-	25
79	10090	Asquith, 133P10/11, Baldwin Rd & Stratford Pl	A	GPD/SR	67				-		-	67
80	463635	Asquith CBD	A	GPD	5				-		-	5
81	10092	Hornsby, 153E3, Pretoria Pde (Reddy Park)	B	GPD	11				-		-	11
82	10093	Thornleigh, 153D14, The Comeranra Pky	B	GPD	56				-		-	56
83	10094	Westleigh, 152J7 8.9, Dunehill/Eloera Dr	B	GPD/ST2	135				-		-	135
84	10095	West P Hills, 152F15, New Farm Rd	C	W1	203				-		-	203
85	463640	West P Hills, 172E1, Wilga St	C	GPD/SR	51				-		-	51
86	10096	Cherrybrook, 152F9, Pecan Pl	B	GPD/ST2	38				-		-	38
87	463642	Beecroft, 172K3, Sutherland Rd	C	GPD	-				-		-	-
88	10098	Epping, 172P14, Kent St	C	ST2/SR	128				-		-	128
89	10099	Epping, 173H11, Bedford St	C	ST2	4				-		-	4
90	10199	Hornsby, 133H15, Linda St	B	GPD	-				-		-	-
91	10212	Beecroft, 172L11, Midson Rd	C	SR2	17				-		-	17
92	10265	Mt Kuring-gai, 114G12, High & Church St	A	ST1	118				-		-	118
93	10266	Mt Colah, 133M1, Parklands Rd	A	GPD	11				-		-	11
94	10267	Asquith, 133K8, Gardenia St	A	GPD	94				-		-	94
95	10268	Wallara, 153J5, Unwin Rd	B	GPD	58				-		-	58
96	10269	Thornleigh, 153C12, Blantyre Cl	B	ST1, GPD	68				-		-	68
97	10270	Beecroft, 172G6, Harnett St (Fenley Park)	C	SR1	26				-		-	26
98	10271	Carlingford, 172S16, Anthony St	C	SR2, GPD	217				-		-	217
99	10272	Beecroft, 172E10, Lamorna Ave	C	SR1	159				-		-	159
100	10273	Castle Hill, 151K5, Bellfree Close	B	GPD	51				-		-	51
101	10274	Cherrybrook, 151L9, Childery Pl	B	GPD	25				-		-	25
102	10275	Shopping Centres (Normo, Thorn, Westle, Penno)	B/C	GPD's	10				-		-	10
103	10276	Hornsby, 133K15, Water St	B	GPD	2				-		-	2
104	10279	Brooklyn, 56B12, Salipan Reserve Investigation	A	Leachate	-				-		-	-

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CRR Expenditure Summary\_1st &amp; 2nd Quarter 2016-17

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105		10311	Thornleigh, 153D10, Darford Rd (CDS)	B	GPD/WM	109	-	-	-	-	-	-	109
106		10344	Berowra, 94N9, The Gully Rd	A	W2	-	-	-	-	-	-	-	-
107		10345	Mt Kuring-gai, 114H10, Merrilong Rd	A	GPD/ST2	9	-	-	-	-	-	-	9
108		10346	Hornsby, 153K1, Burdett St	A	GPD	70	-	-	-	-	-	-	70
109		10347	Hornsby, 133B15, Rosemead Rd	A	GPD/ST1	58	-	-	-	-	-	-	58
110		10348	Normanhurst, 153J11, Hinemoa Ave	B	GPD/ST2	59	-	-	-	-	-	-	59
111		10349	Westleigh, 152P2, Russell Cres & Higgins Pl	B	GPD	15	-	-	-	-	-	-	15
112		10350	Cherrybrook, 152C13, Flanettee Cres	B	ST1	95	-	-	-	-	-	-	95
113		10351	Cherrybrook, 152B10, Kenburn Rd	B	GPD/ST2	67	-	-	-	-	-	-	67
114		10352	Epping, 172J13, Ridge St	C	GPD/ST1	173	-	-	-	-	-	-	173
115		10353	Epping, 173E15, Epping Rd	C	SR/ST	58	-	-	-	-	-	-	58
116		10354	Epping, Carlingford, Beecroft, Cherrybrook CBDs	B/C	GPD	33	-	-	-	-	-	-	33
117		10592	0708 CRR Kirkham Street BEECROFT (172, K9)	C	SR/ST	79	-	-	-	-	-	-	79
118		10593	0708 CRR Rosemead Rd, HORNSBY (133, B16)	B	WM	7	-	-	-	-	-	-	7
119		10760	CRR 220 Boundary Rd SR	B	SR	10	-	-	-	-	-	-	10
120		10487	CRR Raphael Dr, Hornsby Heights (133, F3)	A	GPD	24	-	-	-	-	-	-	24
121		10488	CRR Binya/Oakwood Pl Hornsby Heights (113, L8)	A	ST	26	-	-	-	-	-	-	26
122		10514	0607 CRR Fern Tree Cl HOR	A	SR/GPT	1	-	-	-	-	-	-	1
123		10528	0607 CRR Briannia St PIH (172, Q2)	A	ST/GPD	77	-	-	-	-	-	-	77
124		10529	0607 CRR Morrison Pl PIH (152, H13)	B	ST	47	-	-	-	-	-	-	47
125		10591	Asquith Park Mills Ave, DEFERRED	B	ST	4	-	-	-	-	-	-	4
126		10595	CRR Millstream Grove, DELETED			5	-	-	-	-	-	-	5
127		10596	0708 CRR Nicholas Ave, NORMANHURST (133, J12)	B	SR/ST	36	-	-	-	-	-	-	36
128		10674	0708 CRR Sherbrook Rd HOR (133, K14)	A	GPT	8	-	-	-	-	-	-	8
129		10673	0708 CRR Stewart Ave HOR 0708 (133, 11E)	A	SR	15	-	-	-	-	-	-	15
130		10530	0607 CRR Stanley St Epping (193, E1)	C	GPD	33	-	-	-	-	-	-	33
131		10676	CRR Foxglove Oval MT COL 0708 (114, A13)	A	REUSE	1	-	-	-	-	-	-	1
132		10486	CRR Acadia Pl, Berowra (94, H15)	A	SR/ST	62	-	-	-	-	-	-	62
133		10531	0607 CRR Lyne Rd Cheltenham (172, Q11)	C	ST	73	-	-	-	-	-	-	73
134		10598	0708 CRR Duneba Dr, WESTLEIGH (152, K7)	B	SR/ST	93	-	-	-	-	-	-	93
135		10588	0708 CRR Wearne Avenue, PENNANT HILLS (152, K14)	C	SR	57	-	-	-	-	-	-	57
136		10671	0708 CRR Duneba Drive Opposite Eborra (152, K9)	B	SR	2	-	-	-	-	-	-	2
137		10768	0809 CRR Gwandalan Cres BEROWRA (94, F16)	A	SR	32	-	-	-	-	-	-	32
138		10761	0809 CRR New Line Rd (113X) CHERRYBROOK (152, B15)	B	GPT	46	-	-	-	-	-	-	46
139		10825	0809 CRR Thornleigh Street, THORNLEIGH (153, B15)	B	SR	15	-	-	-	-	-	-	15
140		10960	0708 CRR Chp Lakes CHERRYBROOK (152, B9)	B	AER	76	-	-	-	-	-	-	76
141		10962	0809 CRR Chp Lakes CHERRYBROOK (152, B9)	B	SR	71	-	-	-	-	-	-	71
142		10903	0809 Currawong Rd, BEROWRA, (94, D8)	A	BR	46	-	-	-	-	-	-	46
143		10994	0809 CRR Wymah Cr (rear of #31), BEROWRA (94, C8)	A	SR	13	-	-	-	-	-	-	13
144		11102	0809 CRR Coronation Street HORNSBY (133, G16)	A	TP	6	-	-	-	-	-	-	6
145		10343	Cowan, 75B13, Alberta Ave	A	GPD/ST2	98	-	-	-	-	-	-	98
146		10596	0708 CRR Castle Howard Rd (#89), CHELTENHAM (172, N11)	C	SR/ST	-	-	-	-	-	-	-	-
147		10596	0708 CRR Castle Howard Rd (#32A), CHELTENHAM (172, N11)	C	BR	-	-	-	-	-	-	-	-
148		10631	0708 CRR Lyne Rd, CHELTENHAM (172, Q11)	C	BR	199	-	-	-	-	-	-	199
149		10676	0809 CRR Greenway Park CHERRYBROOK (152, B8)	B	REUSE	148	-	-	-	-	-	-	148
150		10597	0708 CRR Boundary St, BEROWRA (94, K12)	A	BR	100	-	-	-	-	-	-	100
151		10759	CRR Gundah Rd MT KURING-GAI (114, E5)	A	BR	112	-	-	-	-	-	-	112
152		10762	CRR Orrin Rd, HORNSBY HEIGHTS (133, H4)	A	BR/ST2	156	-	-	-	-	-	-	156
153		11074	CRR Margaret Ave HORNSBY HEIGHTS (133, E2)	A	BR	178	-	-	-	-	-	-	178
154		11269	CRR Ray Rd, EPPING (172, Q13)	C	RG	10	-	-	-	-	-	-	10
155		11234	CRR Berowra Oval, BEROWRA (94, L13)	A	REUSE	44	-	-	-	-	-	-	44
156		462/270	CRR Nursery Stormwater Reuse Project		REUSE	173	-	-	-	-	-	-	173

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157	10925	CRR Belinda Cr, NTH EPPING (173 C9)	C	BR/SR2	219				-		-	219
158	10086	Foxglove Oval, MT COLAH (114 A13)	A	LC/HIRE/USE	1,235				-		-	1,235
159	11197	CRR Salt Pan Reserve BROOKLYN	A	LC/H	69				-		-	69
160	11381	CRR Waitara Oval SW Harvesting	A	REUSE	25				-		-	25
161	10902	CRR Mallon Rd, NTH EPPING (173 H8)	C	BR	129				-		-	129
162	10901	CRR Blackburn Ave, PENNANT HILLS	C	BR	95				-		-	95
163	11103	CRR Alexandria Pde WAITARA (153 K4)	A	RG	63				-		-	63
164	11113	CRR Teoma Dr, GLENORIE (91 C2)	A	BR	161				-		-	161
165	11198	CRR Oxford Street, EPPING (173 B15)	C	TP	45				-		-	45
166	11239	CRR Cootanundra HORNSBY HGTS 1011 (113 J7)	A	BR	6				-		-	6
167	11320	CRR Sutherland Rd, CHELTENHAM, 1011 (173 A9)	C	BR	1				-		-	1
168	11319	CRR Hampden Rd, PENNANT HILLS, 1011 (172 P3)	C	BR	1				-		-	1
169	11263	CRR Church St, Mt KURINGAI 1011 (114 G12)	A	BR	108				-		-	108
170	11238	CRR Parsley Bay, BROOKLYN 1011	A	RG	208				-		-	208
171	11140	CRR View St COWAN 0910 175 B13	A	RG	70				-		-	70
172	11280	CRR Albion St, PENNANT HILLS 1011 (152 Q16)	C	BR	88				-		-	88
173	11279	CRR Lawson Rd CHERRYBROOK 1011 (152 G12)	B	BR	103				-		-	103
174	11404	CRR Eastcoate/Boundary Rd NTH EPPING	C	BR	88				-		-	88
175	100824	CRR Peter Ct HORNSBY HEIGHTS	A	BR	133				0		-	133
176	11544	CRR Steward Ave HORNSBY	A	BR	201				-		-	201
177	11525	CRR Vineria Park EPPING	C	SR2	10				-		-	10
178	11141	CRR Flanerie Cr CHB 0910	B	GPD	22				-		-	22
179	11661	CRR Fagan Park Carpark DURAL	A	RG	25				-		-	25
180	11545	CRR Flanerie Crs CHERRYBROOK	B	GPD	237				-		-	237
181	11742	CRR Northcote Rd HORNSBY	A	SR	34				-		-	34
182	11277	CRR Parish Pl, Mt KURINGAI (133 N15)	A	BR	121	0			-		-	121
183	10485	0708 CRR Murralong Rd, MT COLAH (113 M5)	A	SR/ST	62				-		-	62
184	10515	0607 CRR Gavin McKinley Pt CHB (151 D9)	B	GPD/ST	104				-		-	104
185	10596	0708 CRR Castle Howard Rd (#30D), CHELTENHAM (172, N11)	C	SR/ST	396				-		-	396
186	10594	0708 CRR James Henly (Rear of Oval), DURAL (151, M5)	B	ST	43				-		-	43
187	11543	CRR Apianie Rd WEST LEIGH	B	BR	195				-		-	195
188	11403	CRR Dawson Ave THORNLEIGH	C	BR/REUSE	242				-		-	242
189	11667	CRR Speeding Rd HORNSBY HGTS	A	BR	258				-		-	258
190	11776	CRR Quiney Pl CHERRYBROOK	B	GPD	99				-		-	99
191	11819	CRR Dartford Rd, THORNLEIGH	C	BR	3				-		-	3
192	100827	CRR Appletree Dr CHERRYBROOK	B	BR	260				0		-	260

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193	11774	CRR Patricia Pl, CHERRYBROOK	B	BR	377				-		-	377
194	11927	CRR Nirimba Av NORTH EPPING	C	SR2	10				-		-	10
195	11973	CRR PH Sports (Nelbail Carrick Bioswale) PENNANT HILLS	C	RG	33				-		-	33
196	11929	CRR PH Sports (Nelbail Biofilter) PENNANT HILLS	C	BR	130				-		-	130
197	11775	CRR Pecan Pl, CHERRYBROOK	B	BR	253	4	-		-		-	257
198	11930	CRR Abuklea Rd, EPPING	C	BR	186	5			-		-	191
199	12192	CRR North St, COLAH - GPT	A	GPD	66	4			-		-	70
201	11777	CRR James Henry Dr, DURAL	A	BR/REUSE	164	114		240	-		-	278
202	100772	CRR Castle Howard Rd CHELTENHAM	C	BR	-	134	140	140	1	100	-	134
203	11586	CRR Larool Cr, THORNLEIGH (instream upflow wetland)	C	WM	83	0			-		-	83
204	12233	CRR Larool Cr, THORNLEIGH	C	GPT	108			100	-		-	108
205	11668	CRR Bellamy St PENNANT HILLS	C	BR	211	135		90	-		-	346
206	100747	CRR Braidwood Rd NTH EPPING	C	BR	263	78		60	-		-	341
207	11928	CRR Vimiera Park EPPING	C	SR2	8	129		123	-		-	137
208	12077	CRR Berowra Water Rd BEROWRA HGTS	A	RG	-	45		50	-		-	45
209	12231	CRR West Epping Park	C	BR	-	-		380	-		-	-
210	100766	CRR PH Sports (#3) PENNANT HILLS (Biofilters x3)	C	BR	-	70	7		-	90	-	78
211	100835	CRR Gross Pollutant Traps (x4)	A&C	GPD	-	99		493	-		-	99
213	100607	CRR Hornsby Park	A	RG	-	20		20	-	50	-	20
214	100629	CRR Lyne Rd, Cheltenham	C	GPD	-	160			-		-	160
215	100630	CRR Sherbrook Rd, HORNSBY	A	GPD	-	204			-		-	204
216	100780	CRR Morrison Pl WEST PENNANT HILLS	C	BR	-	215			16	20	-	231
217	100781	CRR Berowra Waters Rd BEROWRA	A	BR	-	10			218	10	-	218
218	100739	CRR Berowra Water Rd, BEROWRA	A	BR	-				94	80	-	94
219	100631	CRR Salisbury Rd, Hornsby	A	GPD	-	83			1	10	-	84
220	100642	CRR The Gully Rd, BEROWRA	A	GPD	-				5	10	-	5
221	100643	CRR Asquith Park	A	BR/REUSE	-				4	10	-	4
222	100652	CRR Kenburn Ave, Cherrybrook	B	GPD	-				2	10	-	2
223	100653	CRR Peter Cl, Hornsby	A	GPD	-				9	10	-	9
224	100702	CRR Salisbury Rd (Nth) Hornsby	A	GPD	-				0		-	0
225	12274	CRR PH Park (#3) SW Harvesting	C	BR/REUSE	-	95		120	-	10	-	95
226	100801	CRR PH Park (#3) SW Harvesting	C	BR/REUSE	-				22	10	-	22
227	100836	CRR-Holiday Ave Berowra	A	BR	-				2	10	-	2
228									-		-	-
229		Estuary Boat & Facilities			75				-		-	75
230		Other Projects - previous years			628				-		-	628
231									-		-	-
232		<b>TOTAL CAPITAL WORKS</b>			<b>16,470</b>	<b>1,709</b>	<b>1,271</b>	<b>769</b>	<b>382</b>		<b>387</b>	<b>18,561</b>

## ATTACHMENT 2 - ITEM 5

CRR Expenditure Summary\_1st &amp; 2nd Quarter 2016-17

			Account/ Project No. (work orders)	LOCATION	WARD	DEVICE (Key Below)	1 Previous Years Actual Exp	2 2015/16 Actual Exp	3 2016/17 Original Budget	4 2016/17 Revised Budget	5 2016/17 Actual YTD	6 2016/17 % Completed (Key Below)	7=4-5 2016/17 Balance	8=1+2+5 TOTAL Actual Exp. \$'000
233	100522		100530	Asset Maintenance & Monitoring										
234	100526		6520/06526	Water Quality Data, Combing Data, Aquatic Survey			6,486	657	530	530	283		247	7,426
235	100526		6521	Water Quality Data			1,444						-	1,444
236	100526		6521	Water Quality Data			850	153	110	110	80		30	1,083
237	100526		6522	Combing Data			95	10	11	11	-		11	105
238	100527		6523	Project Management			699	34	41	41	-		41	733
239	100528		6524	Aquatic Survey			499	69	80	80	39		41	607
240	100529		6525	Emergency Spills			98		12	12			12	98
241	100530		6526	Asset Officer			806	88	88	88	43		45	937
242	100531		6527	Education and Promotion			237	134	126	128	55		73	426
243	100532		6528	Asset Renewal & Repair			319	45	100	100	50		50	414
244	100521		6510	Geographic Information System (GIS)			84		8	8	4			84
245	100522		6520	Internal Corporate Costs - Finance			10							10
246	100522		6520	Kangaroo Pit Pump Out Facilities			407							407
247	100523		6520/10134	Catchment Riparian Remediation			637	58	65	65	13			708
248	100524		6520/10135	Estuary Boat & Facilities			136	6	10	10	2		8	144
249	100537		6541/10132	Water Quality Monitoring			498							498
250	100385		5932	Street Sweeping - contribution by CRR			4,165	347	247	247	123		124	4,635
251			463/000	Office Renovation			11						-	11
252			441/195	Hornsby Creek Stormwater Education			10						-	10
253			441/283	Streamwatch			35						-	35
254			8698/700	Digital Camera			2						-	2
255			8430/0569	Bushland Restoration (694)			17						-	17
256	100492		8450/10122	Bush Weed Management			48						-	48
257				Non-Capital Expenditure (Salaries, wages and overheads)			9,556	580	507	507	291		216	10,427
258				PCC Boundary Change - CRR			-	6			-		-	6
259			6520/12344	Other Projects - previous years			41						-	41
260				<b>TOTAL NON-CAPITAL</b>			<b>27,190</b>	<b>2,187</b>	<b>1,935</b>	<b>1,937</b>	<b>983</b>		<b>954</b>	<b>30,360</b>
261				<b>GRAND TOTAL</b>			<b>43,660</b>	<b>3,896</b>	<b>3,206</b>	<b>2,706</b>	<b>1,365</b>		<b>1,341</b>	<b>48,922</b>
262														

W1	Class 1 Wetland (>100 Ha catchment)
W2	Class 2 Wetland (>50 Ha catchment)
WM	Mini-wetland (<50 Ha catchment)
GPD	Gross Pollutant Device
ST1	Sediment Trap 1
ST2	Sediment Trap 2
SR1	Class 1 Stream Remediation (approx. 100m)
SR2	Class 2 Stream Remediation (approx. <50m)
LCH	Treatment of Leachate from old Landfill
BR	Bioretention
RG	Streetscape bioretention (raingarden)
TP	Tree Pit (bioretention)
AER	Aerators

NOTE: The costs provided per device are generic only.

Prices will vary depending site specific conditions at the time of detailed survey &amp; investigation

All actual figures represent historical \$ and exclude GST

col 3: Original Budget is derived from the original CRR Capital Works Strategy (2002-2007)

col 4: Revised Budget - detailed estimates at the beginning of year &amp; at the end of every quarter

col 8: Total \$ column represents previous years actual and current year year-to-date actual

From 97/98 increased CRR to 5%

## PERCENTAGE COMPLETED

5% Survey

20% Survey, Design

90% Survey, Design, Civil Works

100% Survey, Design, Civil Works, Landscaping

**HORNSBY SHIRE COUNCIL  
CATCHMENTS REMEDIATION RATE  
EXPENDITURE REVIEW COMMITTEE MEETING MINUTES  
FIELD TRIP 21 March 2017**

The March 2017 CRR committee meeting was the regular field trip of recent work sites. It was attended by members John Croker, Rod McInnes, David Wilkins and Chris Taylor together with CRR Manager David Beharrell, and Councillor Robert Browne. Apologies were received from Jerome Cox, who was unable to attend at the last minute..

The sites visited with comments are provided below, and can be located on the attached map. The Item numbers refer to the most recent CRR tables. The wet day provided a perfect opportunity to see the facilities in action.

Dave Beharrell guided us to the following sites:

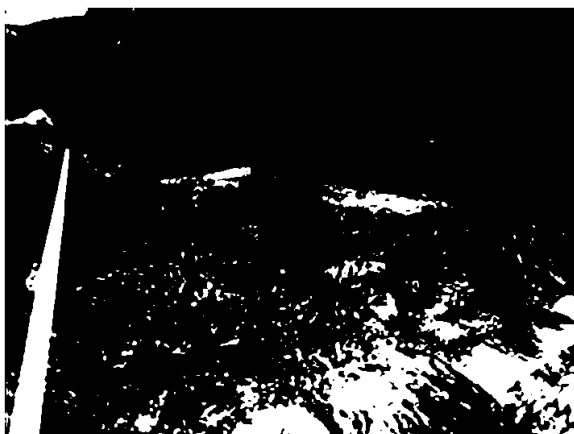
1. Item 205 Bellamy St Pennant Hills. An upgrade to a previous site, with a Gross Pollutant Trap added. The new design shown in the photo, clearly shows the movement of litter away from the flow zone, which facilitates cleaning compared to the previous design.



2. Item 209 Morrison Place, West Pennant Hills. Morrison. The retrofit of a detention basin. The photo shows the new material and the replanting. The retrofit provides bioretention.



3. Item 202 James Henty Drive, Dural Bioretention and Reuse. The photo shows the bioretention basin in the high flow event of the day. Much of the flow is bypassing the basin, but it is working as designed.

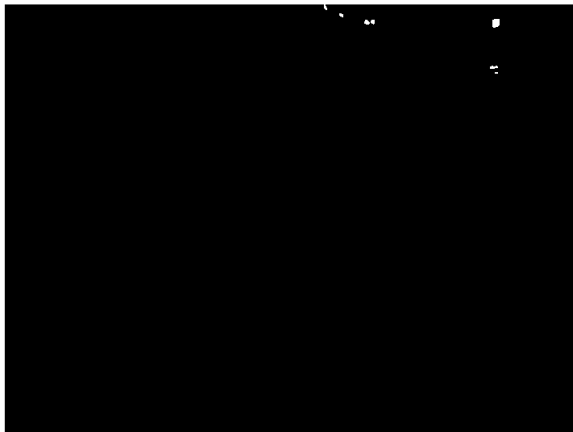


4. Item 203 Castle Howard Road, Cheltenham Bioretention . This new small basin was working well on the day, catching the designed diversion flow from a culvert.



5. Item 212 Lyne Road, Cheltenham Gross Pollution Device

We got to this at dark, but you can see the committee standing around the GPD and there was much discussion around how the diversion to the GPD worked.



Overall the committee was very happy with the progress with these works and their operation.

The meeting concluded at 7:30 pm.

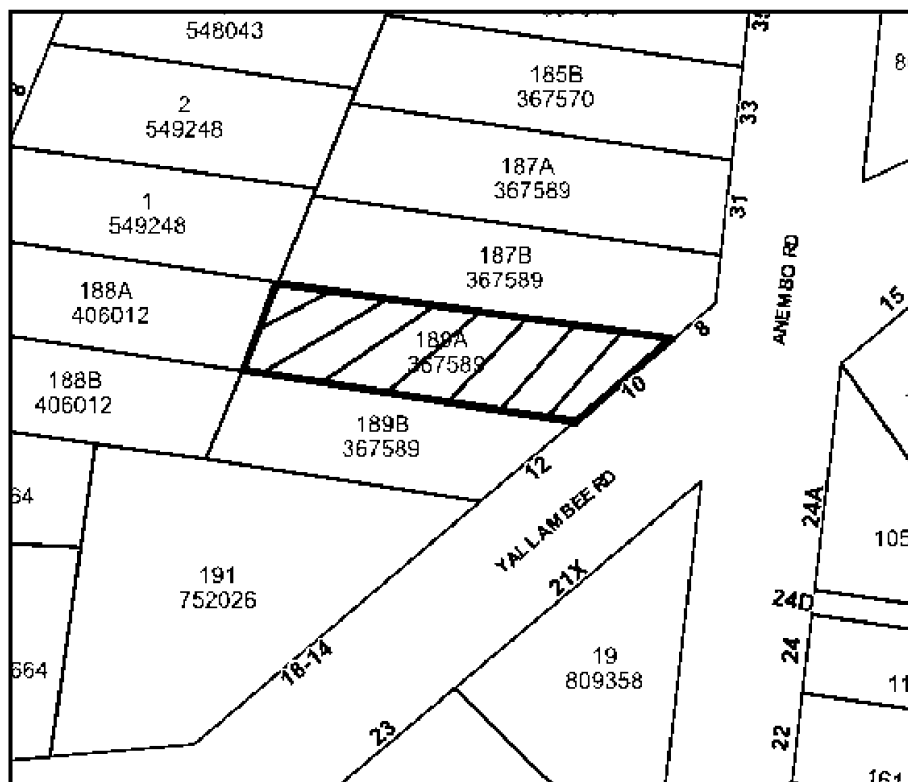
**ATTACHMENT/S**

**REPORT NO. PL16/17**

**ITEM 6**

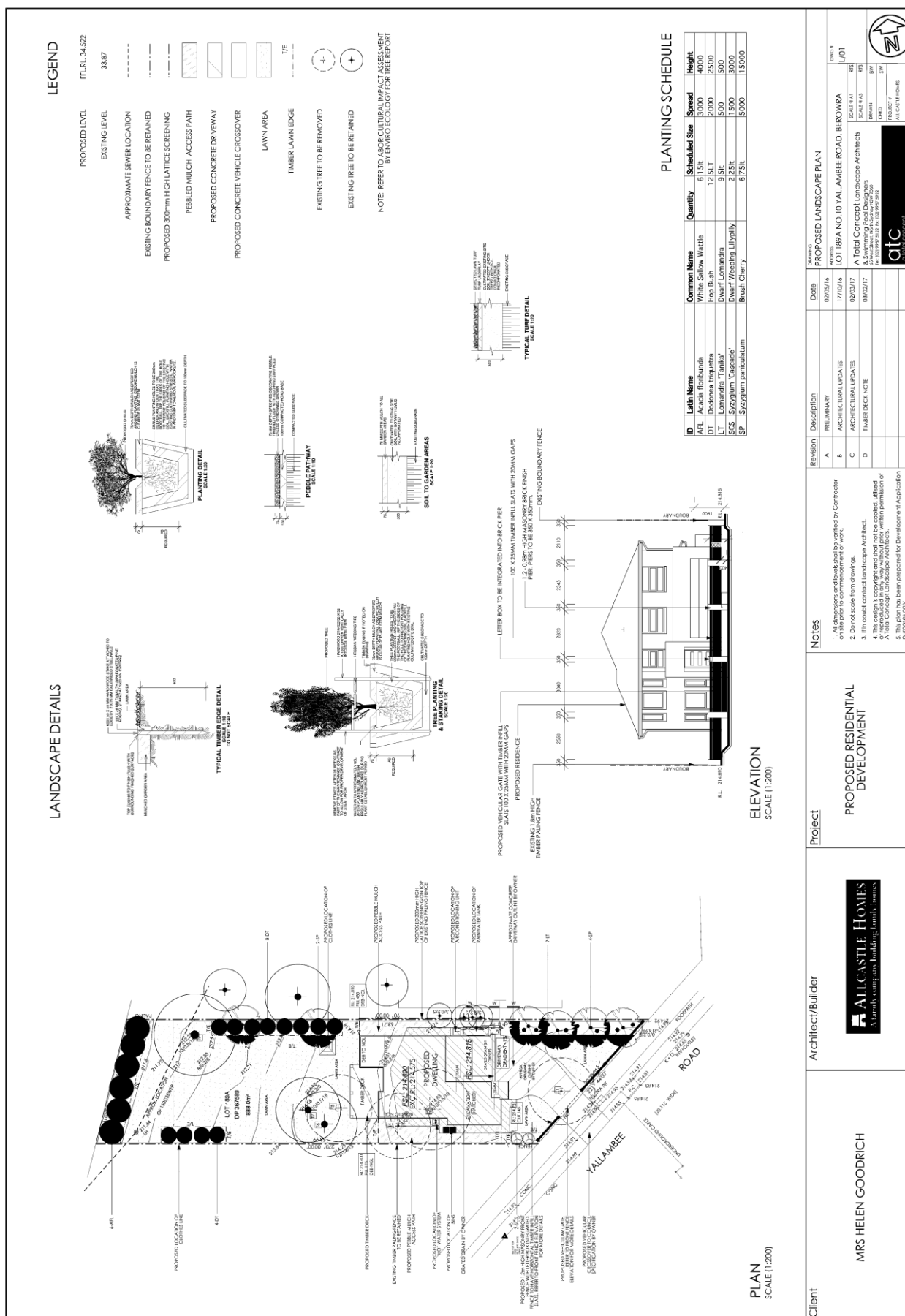
- 1. LOCALITY PLAN**
- 2. SITE PLAN**
- 3. LANDSCAPE PLAN**
- 4. FLOOR PLAN**
- 5. ELEVATIONS**
- 6. SHADOW PLANS**



**ATTACHMENT 1 - ITEM 6****LOCALITY PLAN****DA/560/2016****10 Yallambee Road Berowra**



# ATTACHMENT 3 - ITEM 6



3-STAR RATED WATER EFFICIENCY TO BE IMPLEMENTED TO TAPS TO, BASINS, BATHS, KITCHEN SINK & W.C. CISTERNS

EXTERNAL DIMENSIONS OF HOME MAY NOT BE EXACT MULTIPLES OF BRICK AND IN SOME LOCATIONS UNEVEN CUTS TO BRICKS/ STORM MOULDS MAY BE REQUIRED

ALL STEEL TO BE MEASURED (HEIGHT) & FLOORING TO BE CHECKED OVER IF REQUIRED

NOTE: ALL STRUCTURAL BEAMS/POSTS ARE AN INDICATION ONLY. REFER TO ENGINEERING DETAILS FOR ALL LOCATIONS & CONNECTIONS.

SHOWER ROSES TO BE 1050 OFF FLOOR PRIOR TO TILING FOR STANDARD ADJUSTABLE ROSE (IF FIXED SHOWER ROSE IS SELECTED, MOUNT AT 2000 HIGH)

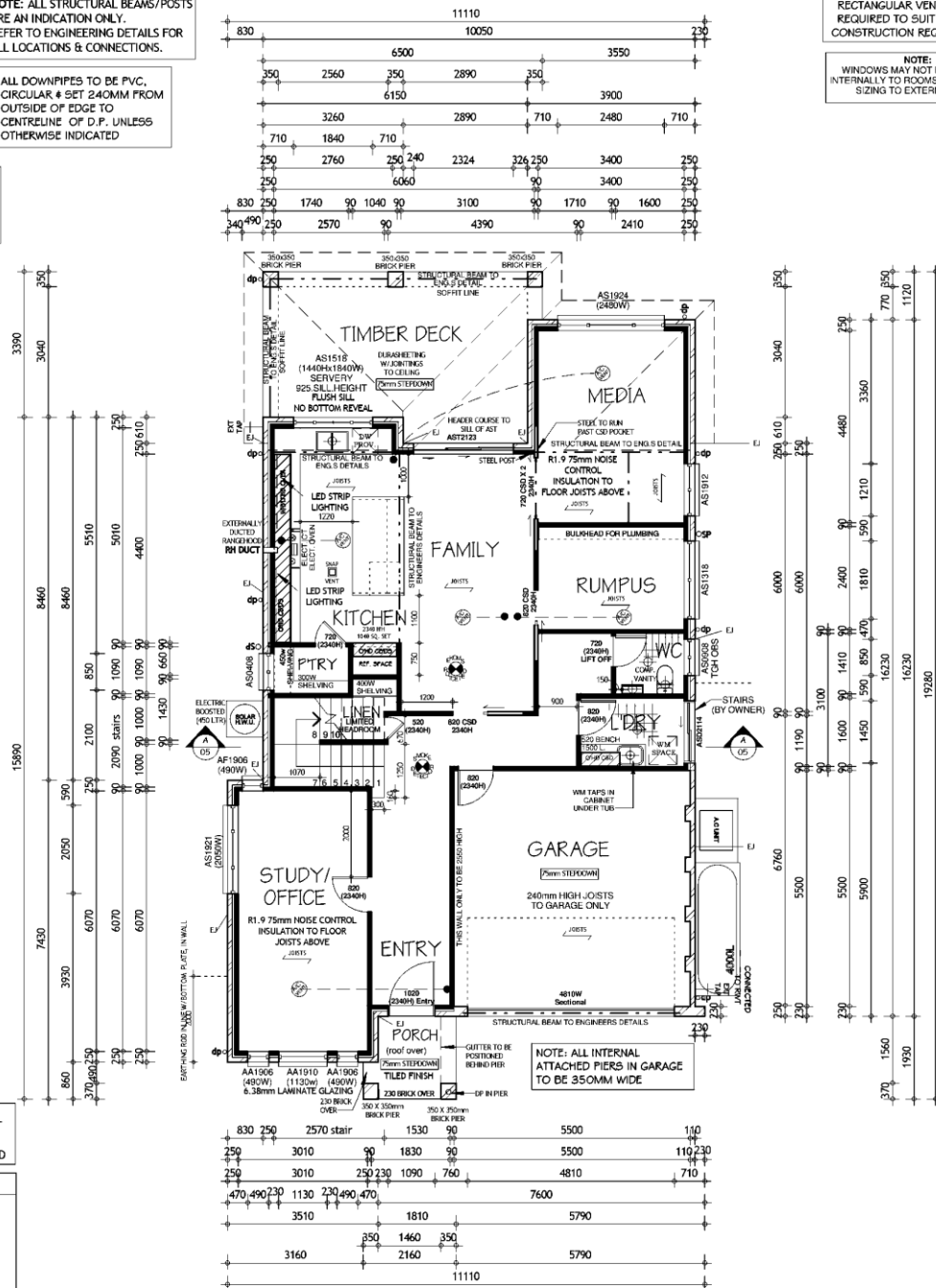
ALL DOWNPIPES TO BE PVC, CIRCULAR & SET 240MM FROM OUTSIDE OF EDGE TO CENTRELINE OF D.P. UNLESS OTHERWISE INDICATED

PLUMBER TO KEEP VANITY DRAINAGE POINTS AS CLOSE AS POSSIBLE TO BOTTOM PLATE

ZONED 3-PHASE A/C MIN. 2.5/3.0 E.E.R. FOR COOLING MIN. 3.0-3.5 E.E.R. FOR HEATING

A/C VENT & DROPPER POSITION ARE APPROXIMATE ONLY & MAY BE MOVED ON SITE, & SQUARE OR RECTANGULAR VENTS MAY BE REQUIRED TO SUIT DIFFERENT CONSTRUCTION REQUIREMENTS

NOTE: WINDOWS MAY NOT BE CENTRED INTERNALLY TO ROOMS DUE TO BRICK SIZING TO EXTERNAL WALL



GROUND FLOOR PLAN

3-STAR RATED WATER EFFICIENCY TO BE IMPLEMENTED TO TAPS TO, BASINS, BATHS, KITCHEN SINK & W.C. CISTERNS

EXTERNAL DIMENSIONS OF HOME MAY NOT BE EXACT MULTIPLES OF BRICK AND IN SOME LOCATIONS UNEVEN CUTS TO BRICKS/ STORM MOULDS MAY BE REQUIRED

NOTE:  
WINDOWS MAY NOT BE CENTRED INTERNALLY TO ROOMS DUE TO BRICK SIZING TO EXTERNAL WALL

ALL STEEL TO BE MEASURED (HEIGHT) & FLOORING TO BE CHECKED OVER IF REQUIRED

NOTE: ALL STRUCTURAL BEAMS/POSTS ARE AN INDICATION ONLY. REFER TO ENGINEERING DETAILS FOR ALL LOCATIONS & CONNECTIONS.

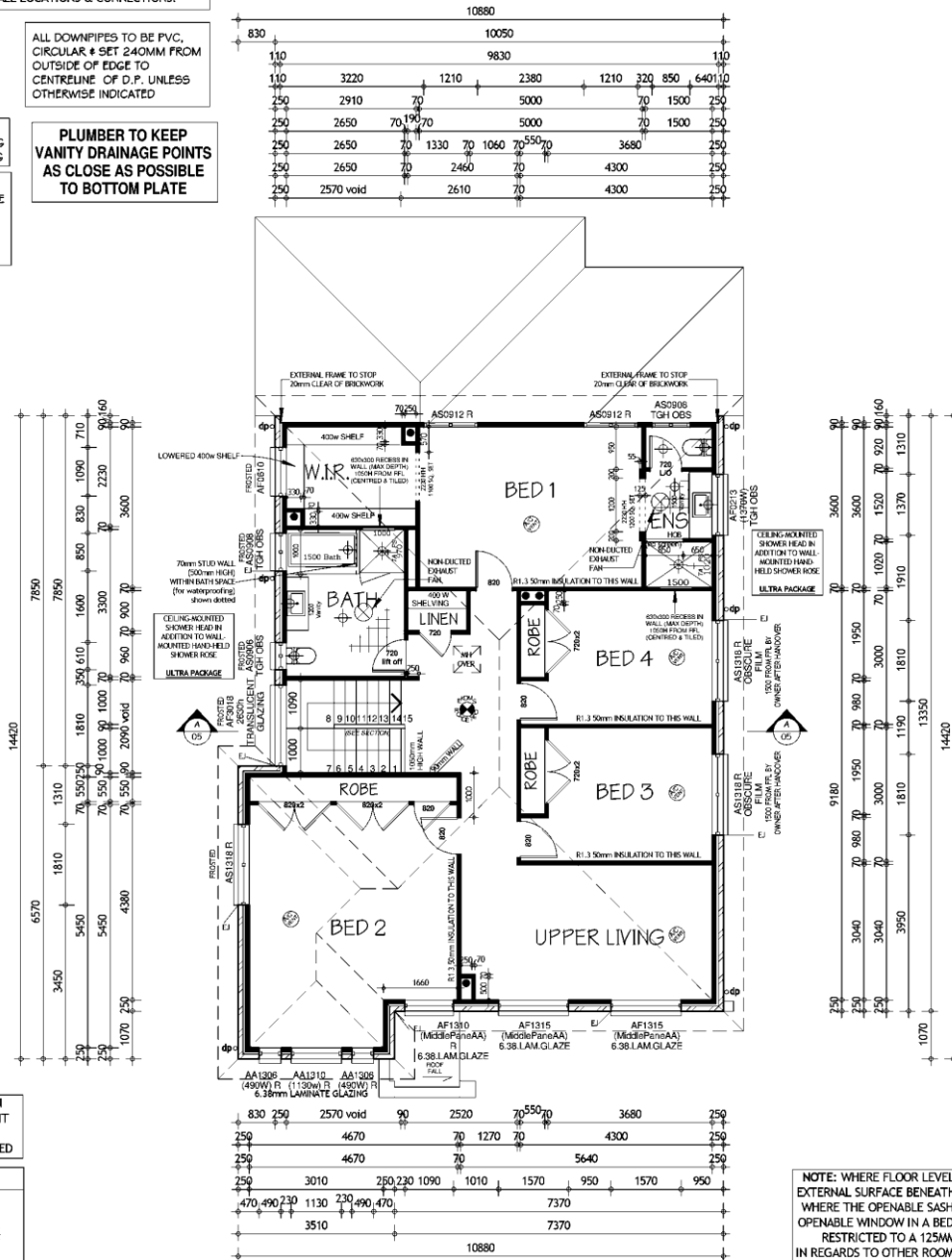
SHOWER ROSES TO BE 1050 OFF FLOOR PRIOR TO TILING FOR STANDARD ADJUSTABLE ROSE (IF FIXED SHOWER ROSE IS SELECTED, MOUNT AT 2000 HIGH)

ALL DOWNPIPES TO BE PVC, CIRCULAR & SET 240MM FROM OUTSIDE OF EDGE TO CENTRELINE OF D.P. UNLESS OTHERWISE INDICATED

ZONED 3-PHASE AC MIN. 2.5/3.0 E.E.R. FOR COOLING MIN. 3.0-3.5 E.E.R. FOR HEATING

PLUMBER TO KEEP VANITY DRAINAGE POINTS AS CLOSE AS POSSIBLE TO BOTTOM PLATE

AC VENT & DROPPER POSITION ARE APPROXIMATE ONLY & MAY BE MOVED ON SITE. & SQUARE OR RECTANGULAR VENTS MAY BE REQUIRED TO SUIT DIFFERENT CONSTRUCTION REQUIREMENTS



NOTE: REFER TO ELECTRICAL PLAN FOR THE REQUIREMENT OF CONDUIT IN MASONRY COLUMNS FOR EXTERNAL WALL LIGHTS IF REQUIRED

#### OWNER(S) ACCEPTANCE

I/WE HEREBY APPROVE OUR BUILDING PLANS TO BE BUILT ON OUR LAND.

I/WE HAVE STUDIED THE PLANS AND HAVE HAD THEM EXPLAINED TO US AND ACCEPT AND APPROVE THE FRONT/REAR/SIDE SETBACKS AND CUT/FILL LEVELS AS SHOWN ON THE PLAN. I/WE ACCEPT NO CHANGES CAN BE MADE.

I/WE HAVE HAD THE DRIVEWAY GRADIENT EXPLAINED.

I/WE HAVE HAD THE BASIC WATER TANK OR THE DUAL WATER PLUMBING EXPLAINED.

I/WE HAVE HAD OUR CHOSEN ALTERATIONS/VARIATIONS EXPLAINED TO US.

I/WE HEREBY APPROVE OUR PLANS AND GIVE CONSENT TO ALLCASTLE HOMES PTY LTD TO LOAN OUR PLANS TO COUNCIL FOR A DEVELOPMENT APPLICATION.

I/WE UNDERSTAND THAT NO FURTHER PHYSICAL CHANGES CAN BE MADE I/WE UNDERSTAND THAT DUE TO CONSTRUCTION CONSTRAINTS, THE BUILDING MAY VARY PLANS ON SITE TO SUIT.

I/WE UNDERSTAND ANY SURFACE DRAINAGE OR RETAINING WALLS REQUIRED BY COUNCIL ARE TO BE COMPLETED WITH LANDSCAPING BY OWNER

OWNER: \_\_\_\_\_ DATE: \_\_\_\_\_  
WITNESS: \_\_\_\_\_

30.01.17 JB F BED 3 & 4 WINDOWS REVISED  
16.01.17 AO E REVISIONS  
19.12.16 AO C COUNCIL SET  
12.10.16 CB D ROTATE HOUSE  
19.04.16 TK C COUNCIL SET  
30.03.16 CB C MOVED SOLAR WATER TANK  
29.03.16 CB A CSD TO FAMILY/ ENTRY  
18.03.16 CS A VARIATIONS (10.03.16)

DATE: 30.01.17 ISSUE: 17 REVISION: F

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ALLCASTLE HOMES PTY LTD WILL TAKE NO RESPONSIBILITY FOR ANY VERBAL DISCUSSIONS OR INSTRUCTIONS. ALL CHANGES AND SPECIAL INCLUSIONS MUST BE DOCUMENTED IN WRITING. IT IS THE RESPONSIBILITY OF THE OWNER TO ENSURE THAT THE LAYOUT AND ALL SPECIAL INCLUSIONS ARE CORRECT. NOTE: WET AREA SYMBOLS ARE STRICTLY SYMBOLIC. OWNERS TO CONFIRM WET AREA TEXTS WITH SELECTIONS.

NOTE: WHERE FLOOR LEVEL IS >2M ABOVE EXTERNAL SURFACE BENEATH WINDOW, AND WHERE THE OPENABLE SASH IS <1.7M, ANY OPENABLE WINDOW IN A BEDROOM MUST BE RESTRICTED TO A 125MM OPENING. IN REGARDS TO OTHER ROOMS, THIS APPLIES WHERE THE FLOOR LEVEL IS >4M.

R DENOTES RESTRICTION ON THE WINDOW

#### FIRST FLOOR PLAN

#### PROPOSED RESIDENCE

FOR: MR & MRS GOODRICH

AT: LOT 109A (#10) YALLAMBEE ROAD, BEROWRA

#### SAVANNAH + GR. FLAT

DATE: 23.02.16 SCALE: 1:100

DRAWN: M.M. CHECKED: \_\_\_\_\_

SHEET NO: 03 JOB NO: 4822

#### SALES: PHONE: (02) 9629 4772

FAX: (02) 9629 5813

HEAD OFFICE: 96-100 TOONGABBIE ROAD, GIRRAWEE NSW 2145

PHONE: (02) 9672 7055

FAX: (02) 9672 7033

ABN: 12057761378 BLDG.LIC.39371

#### ALLCASTLE HOMES

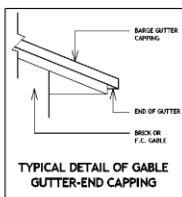
A family company building family homes

allcastlehomes.com.au



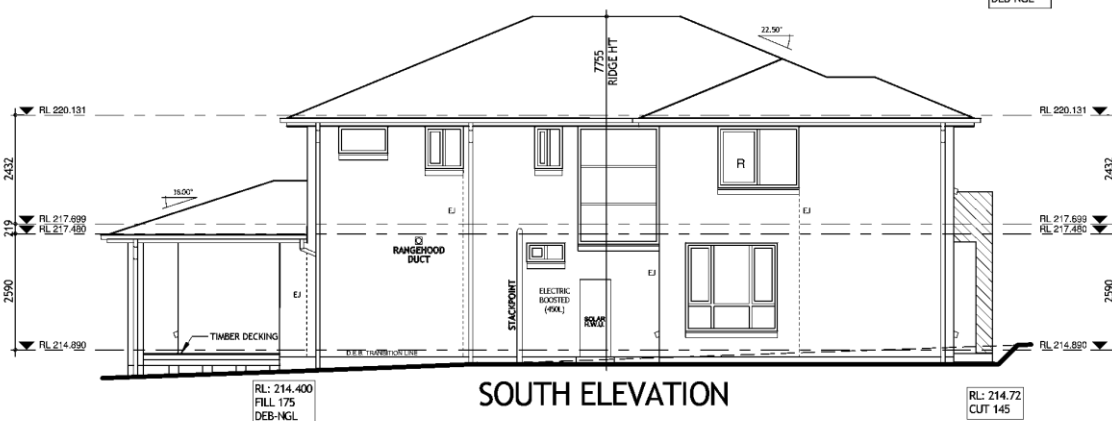
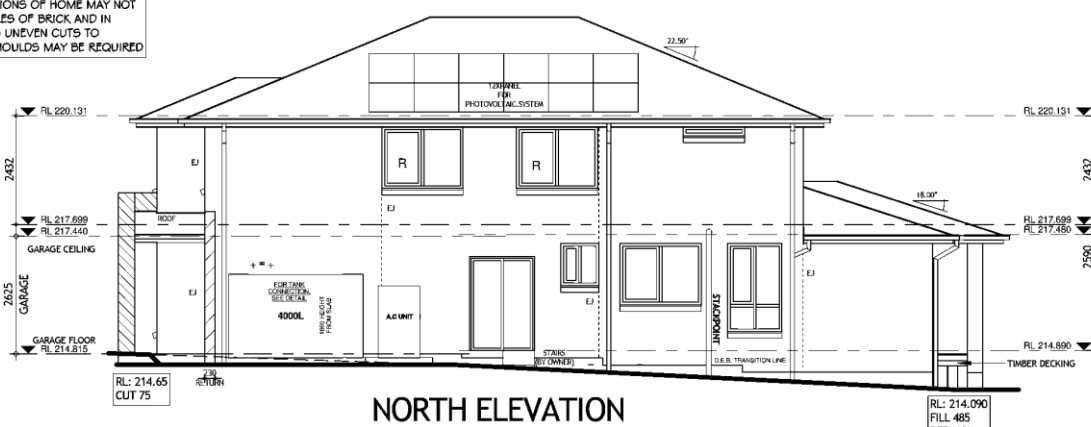
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R DENOTES RESTRICTION ON THE WINDOW



NOTE: WINDOWS MAY NOT BE CENTRED INTERNALLY TO ROOMS DUE TO BRICK SIZING TO EXTERNAL WALL.

EXTERNAL DIMENSIONS OF HOME MAY NOT BE EXACT MULTIPLES OF BRICK AND IN SOME LOCATIONS UNEVEN CUTS TO BRICKS/ STORM MOULDS MAY BE REQUIRED



#### OWNER(S) ACCEPTANCE

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I/WE UNDERSTAND THAT NO FURTHER PHYSICAL CHANGES CAN BE MADE I/WE UNDERSTAND THAT DUE TO CONSTRUCTION CONSTRAINTS, THE BUILDING MAY VARY PLANS ON SITE TO SUIT.

I/WE UNDERSTAND ANY SURFACE DRAINAGE OR RETAINING WALLS REQUIRED BY COUNCIL ARE TO BE COMPLETED WITH LANDSCAPING BY OWNER

OWNER: \_\_\_\_\_ OWNER: \_\_\_\_\_ DATE: \_\_\_\_\_

WITNESS: \_\_\_\_\_

30.01.17 JB F ALFRESCO REMOVED, TIMBER DECK  
16.01.17 AO E REVISIONS  
19.12.16 AO COUNCIL SET  
12.10.16 CB D ROTATE HOUSE  
19.04.16 TK COUNCIL SET  
20.03.16 CB C MOVED SOLAR WATER TANK  
29.03.16 CB B CSO TO FAMILY/ ENTRY  
18.03.16 CS A VARIATIONS (10.03.16)

DATE: 16.01.17  
ISSUE: E  
REVISION: COUNCIL SET

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PROPOSED RESIDENCE: SAVANNAH + GR. FLAT

FOR: MR & MRS GOODRICH

AT: LOT 109A (#10) YALLAMBEE ROAD, BEROWRA

DATE: 23/02/16

SCALE: 1:100

DRAWN: M.M.

CHECKED: \_\_\_\_\_

SHEET NO: 04

JOB NO: 4822

SALES: PHONE: (02) 9629 4772

FAX: (02) 9629 5813

HEAD OFFICE: 96-100 TOONGABBIE ROAD,

GIRRAWEE NSW 2145

PHONE: (02) 9672 7055

FAX: (02) 9672 7033

ABN: 12057761378 BLDG.LIC.39371

#### ELEVATIONS

**ALLCASTLE HOMES**

A family company building family homes

allcastlehomes.com.au





# ATTACHMENT 6 - ITEM 6

**9AM SHADOW**

**LOT 189A, DP 367589**

**PROPOSED RESIDENCE**

**EXISTING STRUCTURES:**

- WEATHERBOARD COTTAGE
- GARAGE
- SHED

**BOUNDARIES:**

- LOT 189B, DP 367589
- LOT 189C, DP 367589
- LOT 189D, DP 367589

**UTILITIES:**

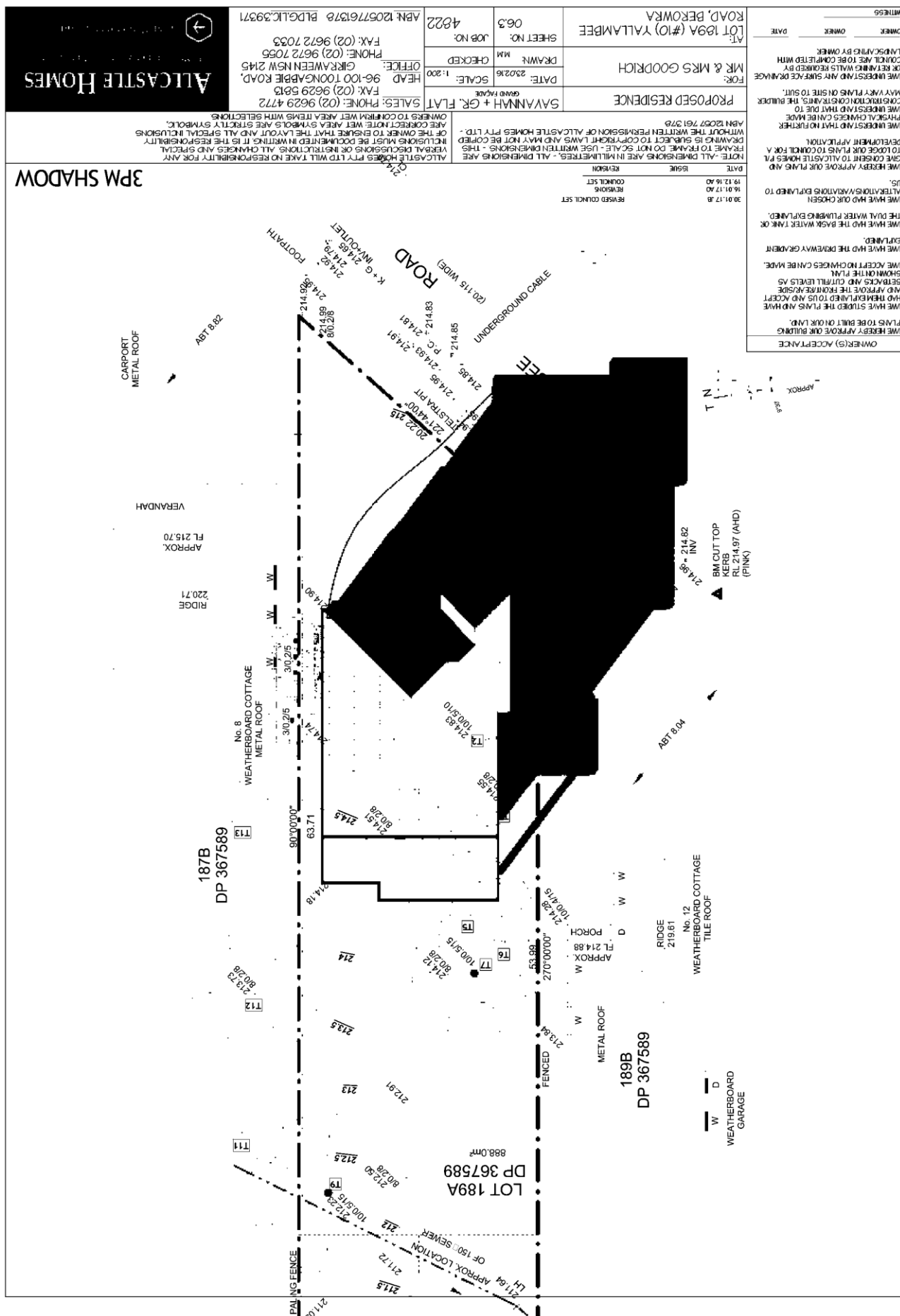
- 150M SEWER
- 180M WATER MAIN

**TABLE OF DIMENSIONS:**

LINE	LENGTH (M)	BEARING
1	21.15	N 0° 0' 0" E
2	21.15	N 0° 0' 0" E
3	21.15	N 0° 0' 0" E
4	21.15	N 0° 0' 0" E
5	21.15	N 0° 0' 0" E
6	21.15	N 0° 0' 0" E
7	21.15	N 0° 0' 0" E
8	21.15	N 0° 0' 0" E
9	21.15	N 0° 0' 0" E
10	21.15	N 0° 0' 0" E
11	21.15	N 0° 0' 0" E
12	21.15	N 0° 0' 0" E
13	21.15	N 0° 0' 0" E
14	21.15	N 0° 0' 0" E
15	21.15	N 0° 0' 0" E
16	21.15	N 0° 0' 0" E
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22	21.15	N 0° 0' 0" E
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24	21.15	N 0° 0' 0" E
25	21.15	N 0° 0' 0" E
26	21.15	N 0° 0' 0" E
27	21.15	N 0° 0' 0" E
28	21.15	N 0° 0' 0" E
29	21.15	N 0° 0' 0" E
30	21.15	N 0° 0' 0" E
31	21.15	N 0° 0' 0" E
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33	21.15	N 0° 0' 0" E
34	21.15	N 0° 0' 0" E
35	21.15	N 0° 0' 0" E
36	21.15	N 0° 0' 0" E
37	21.15	N 0° 0' 0" E
38	21.15	N 0° 0' 0" E
39	21.15	N 0° 0' 0" E
40	21.15	N 0° 0' 0" E
41	21.15	N 0° 0' 0" E
42	21.15	N 0° 0' 0" E
43	21.15	N 0° 0' 0" E
44	21.15	N 0° 0' 0" E
45	21.15	N 0° 0' 0" E
46	21.15	N 0° 0' 0" E
47	21.15	N 0° 0' 0" E
48	21.15	N 0° 0' 0" E
49	21.15	N 0° 0' 0" E
50	21.15	N 0° 0' 0" E
51	21.15	N 0° 0' 0" E
52	21.15	N 0° 0' 0" E
53	21.15	N 0° 0' 0" E
54	21.15	N 0° 0' 0" E
55	21.15	N 0° 0' 0" E
56	21.15	N 0° 0' 0" E
57	21.15	N 0° 0' 0" E
58	21.15	N 0° 0' 0" E
59	21.15	N 0° 0' 0" E
60	21.15	N 0° 0' 0" E
61	21.15	N 0° 0' 0" E
62	21.15	N 0° 0' 0" E
63	21.15	N 0° 0' 0" E
64	21.15	N 0° 0' 0" E
65	21.15	N 0° 0' 0" E
66	21.15	N 0° 0' 0" E
67	21.15	N 0° 0' 0" E
68	21.15	N 0° 0' 0" E
69	21.15	N 0° 0' 0" E
70	21.15	N 0° 0' 0" E
71	21.15	N 0° 0' 0" E
72	21.15	N 0° 0' 0" E
73	21.15	N 0° 0' 0" E
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79	21.15	N 0° 0' 0" E
80	21.15	N 0° 0' 0" E
81	21.15	N 0° 0' 0" E
82	21.15	N 0° 0' 0" E
83	21.15	N 0° 0' 0" E
84	21.15	N 0° 0' 0" E
85	21.15	N 0° 0' 0" E
86	21.15	N 0° 0' 0" E
87	21.15	

# ATTACHMENT 6 - ITEM 6

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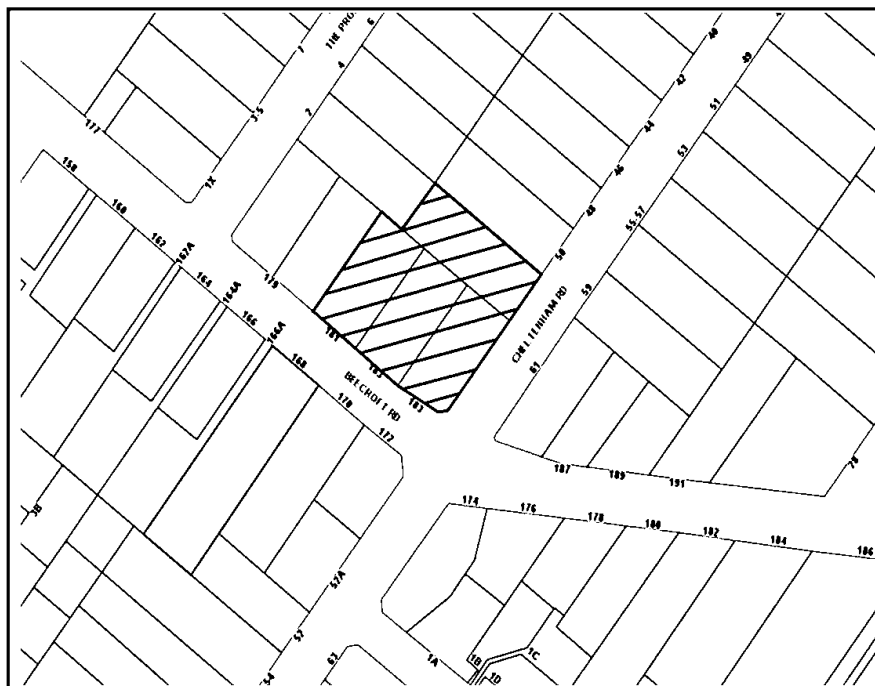


**ATTACHMENT/S**

**REPORT NO. PL20/17**

**ITEM 7**

- 1. LOCALITY MAP**
- 2. SUBDIVISION PLAN**
- 3. CONCEPT STORMWATER PLAN**



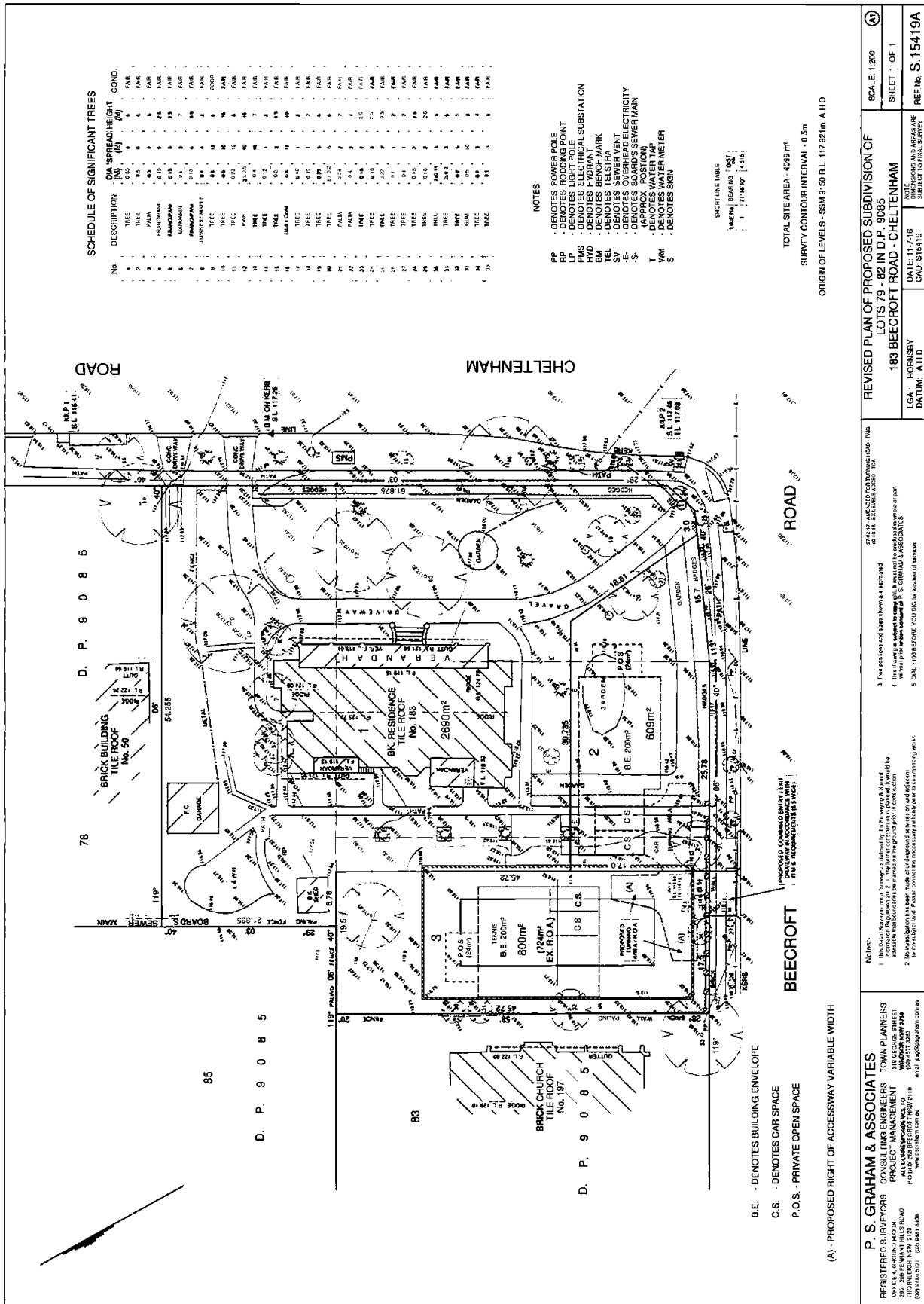
**LOCALITY PLAN**

**DA/1341/2016**

**181 and 183 Beecroft Road, Cheltenham**

**ATTACHMENT 1 - ITEM 7**

# ATTACHMENT 2 - ITEM 7





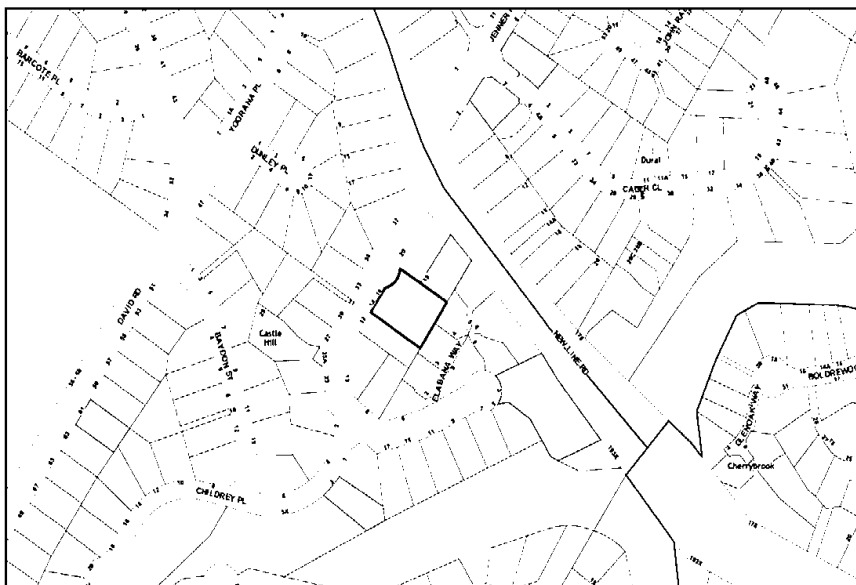
**ATTACHMENT/S**

**REPORT NO. PL22/17**

**ITEM 8**

- 1. LOCALITY MAP**
- 2. SUBDIVISION PLAN**
- 3. SITE PLAN**
- 4. FLOOR PLANS**
- 5. ELEVATIONS AND SECTIONS**
- 6. SECTION PLAN**
- 7. LANDSCAPE PLAN**
- 8. SHADOW PLANS**
- 9. STORMWATER PLANS**
- 10. TREE LOCATION PLAN**

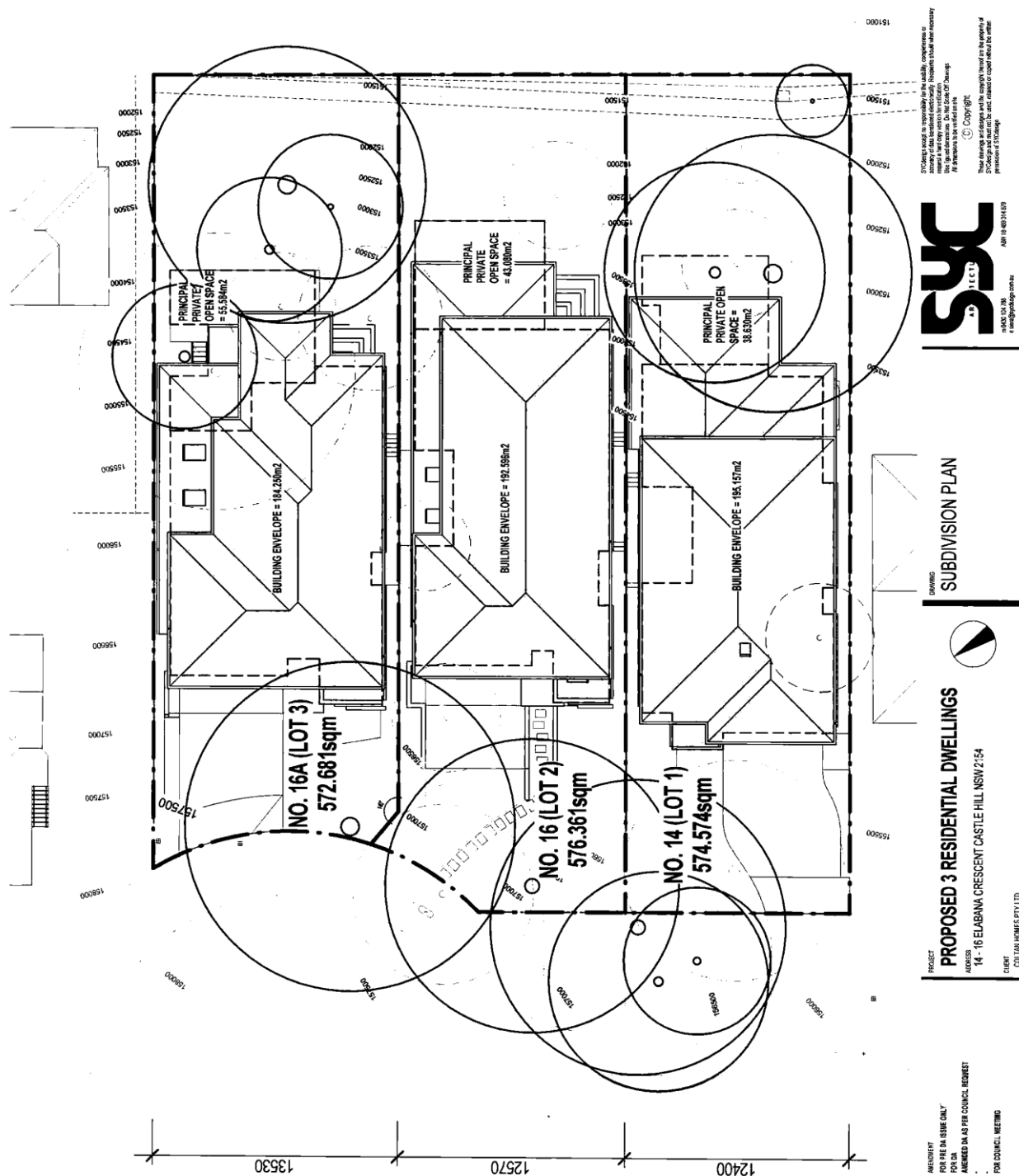




**LOCALITY PLAN**

**DA/961/2016**

**14 – 16 Elabana Crescent, Castle Hill**



## ATTACHMENT 2 - ITEM 8









DIAGRAM	ISSUE	DATE	AMENDMENT
SYN	A	19 APRIL 16	FOR PRELIMINARY ONLY
	B	JULY 16	FOR IDA
	C	NOV 16	AMENDED AS PER COUNCIL REQUEST
CT	D	MAR 17	AMENDED AS PER COUNCIL REQUEST
	E	APR 17	AMENDED AS PER COUNCIL REQUEST
	F	APR 17	FOR COUNCIL MEETING
			CHECKED
			CT

NO. 14 ROOF PLAN

**PROPOSED 3 RESIDENTIAL DWELLINGS**

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PROJECT NUMBER  
**CH01**

DRAWING NUMBER  
**DA103**

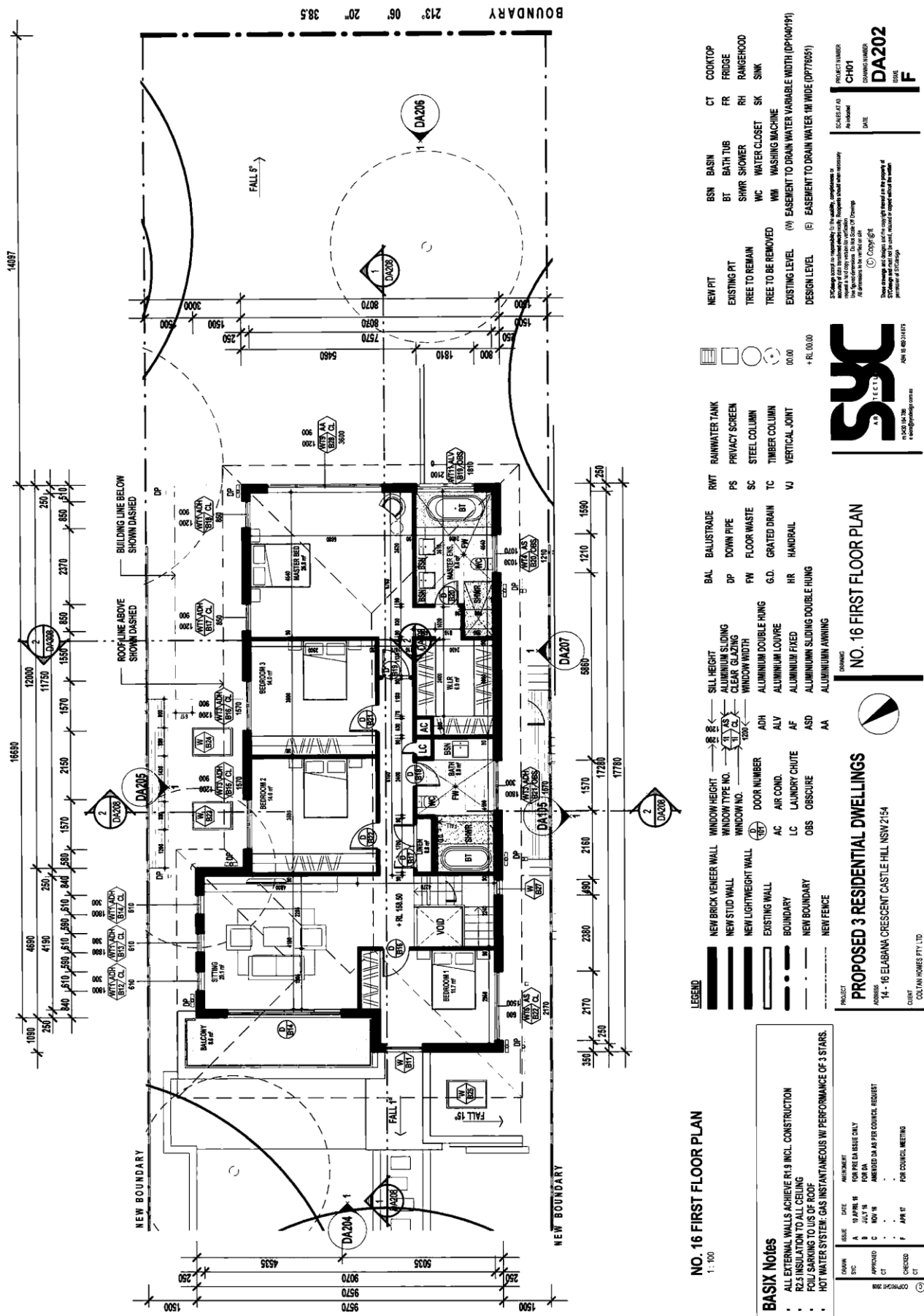
ISSUE  
**F**

DATE

SCALE AT A3  
As indicated

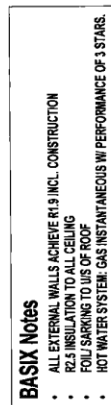
# ATTACHMENT 4 - ITEM 8





# ATTACHMENT 4 - ITEM 8





**NO. 16 ROOF PLAN**  
1:100

DRAWN	ISSUE	DATE	AMENDMENT
SYN	A	19 APRIL 96	FOR PPE IN ISSUE ONLY
	B	JULY 10	FOR DA
APPROVED		C	AMENDED ON AT PPE COUNCIL REQUEST
CT		NOV 16	.
		.	.
	F	APR 97	FOR COUNCIL MEETING
CHANGED			
CT			



PROJECT

PROPOSED 3 RESIDENTIAL DWELLINGS

14 - 16 ELABANK CRESCENT CASTLE HILL NSW 2154

NO. 16 ROOF PLAN

DRAWING



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**CH01**

DRAWING NUMBER  
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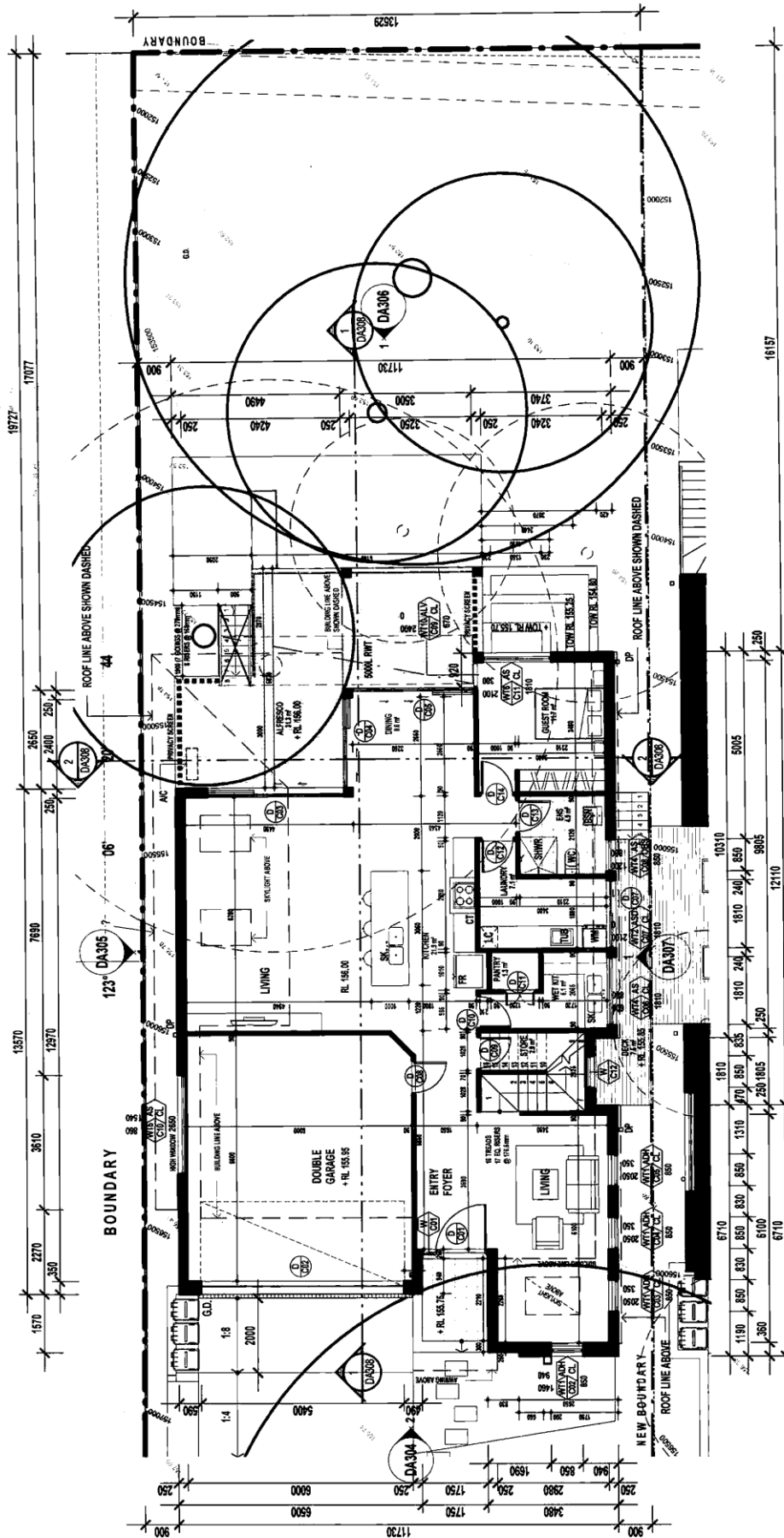
ISSUE  
**F**

DATE

As indicated

SCALE: AS SHOWN

# ATTACHMENT 4 - ITEM 8



**NO. 16A GROUND FLOOR PLAN**  
1:100

**BASIX Notes**

- ALL EXTERNAL WALLS ACHIEVE R1.9 INCL. CONSTRUCTION
- R2.3 INSULATION TO ALL CEILING
- FOUL SINKING TO USE OF ROOF
- HOT WATER SYSTEM GAS INSTANTANEOUS W/ PERFORMANCE OF 3 STARS.

DRAWN	DATE	REVISION
BYC	10 APRIL 16	FOR PRELIMINARY SUBMITTAL
BYC	JULY 16	FOR PRELIMINARY SUBMITTAL
BYC	NOV 16	AMENDED AS PER COUNCIL REQUEST
BYC	APR 17	FOR COUNCIL MEETING
CHECKED		
CT		

**LEGEND**

- NEW BRICK VENEER WALL
- NEW STUD WALL
- NEW LIGHTWEIGHT WALL
- EXISTING WALL
- BOUNDARY
- NEW BOUNDARY
- NEW FENCE

- SILL HEIGHT
- ALUMINUM SLIDING WINDOW TYPE NO.
- WINDOW NO.
- DOOR NUMBER
- ADH
- ALV
- AF
- ASD
- AA
- ALUMINUM SLIDING DOUBLE HUNG
- ALUMINUM AWNING

- BAL
- DOWN PIPE
- FLOOR WASTE
- G.D.
- ALUMINUM LOUVER
- ALUMINUM FIXED
- ALUMINUM SLIDING DOUBLE HUNG

- RAINWATER TANK
- PS
- SC
- TC
- VERTICAL JOINT

- NEW PIT
- EXISTING PIT
- TREE TO REMAIN
- TREE TO BE REMOVED
- EXISTING LEVEL
- DESIGN LEVEL

- BSN
- BATH TUB
- SHWR
- WC
- WASHING MACHINE
- EASEMENT TO DRAIN WATER VARIABLE WIDTH (DP1040/191)
- EASEMENT TO DRAIN WATER VARIABLE WIDTH (DP1040/191)

- COOKTOP
- FRIDGE
- RANGEHOOD
- SINK



**PROPOSED 3 RESIDENTIAL DWELLINGS**  
ADDRESS: 16A - 18 ELABANA CRESCENT CASTLE HILL NSW 2154

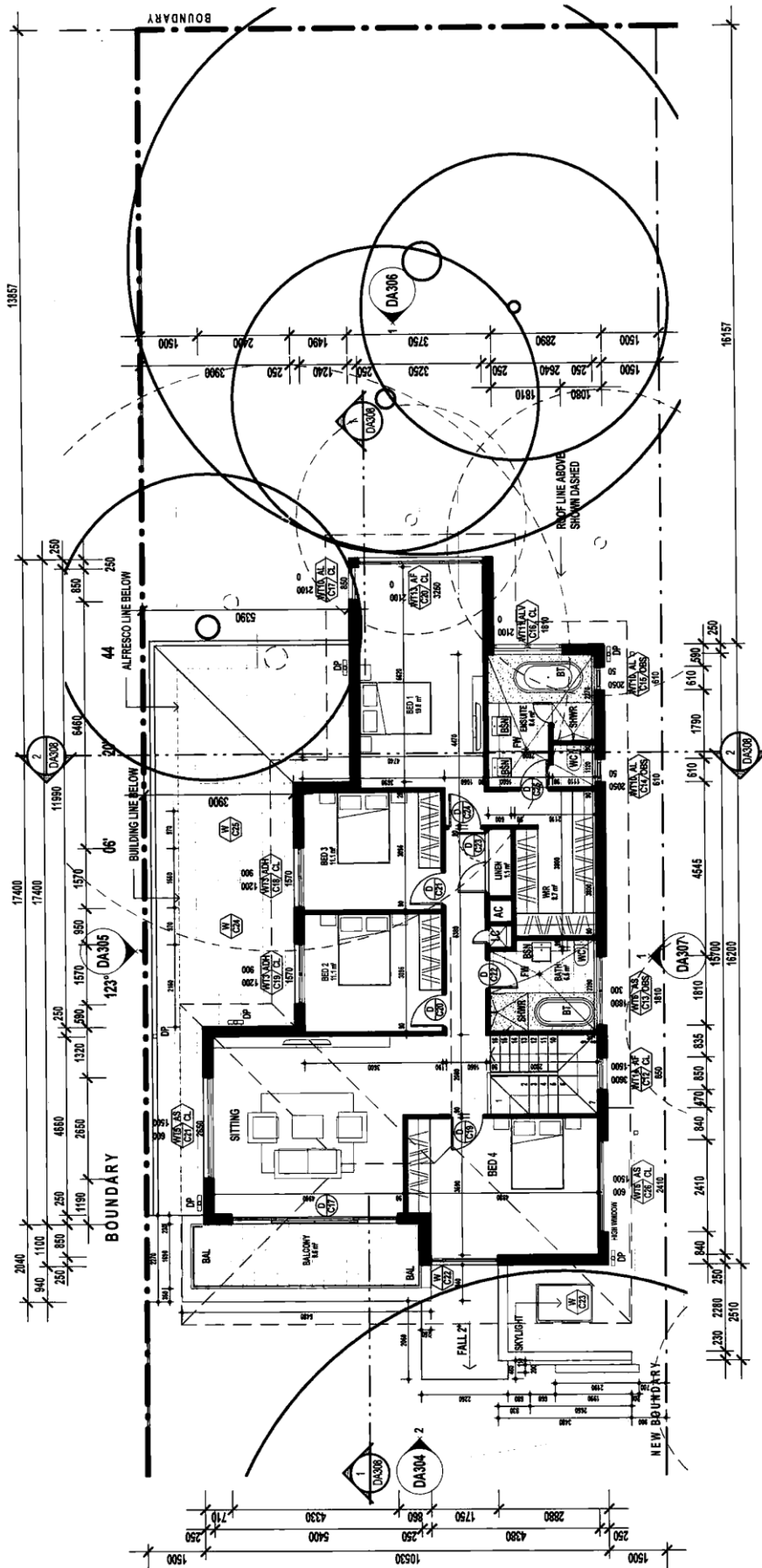
**NO. 16A GROUND FLOOR PLAN**



SYC CONSULTANTS  
16/18 405-24-89  
16/18 405-24-89

PROJECT NUMBER  
CH01  
DA301  
F

# ATTACHMENT 4 - ITEM 8



NO. 16A FIRST FLOOR PLAN

1:100

## LEGEND

- NEW BRICK VENEER WALL
- NEW STUD WALL
- NEW LIGHTWEIGHT WALL
- EXISTING WALL
- BOUNDARY
- NEW BOUNDARY
- NEW FENCE

- WINDOW HEIGHT
- WINDOW TYPE NO.
- WINDOW NO.
- DOOR NUMBER
- AC AIR COND.
- LAUNDRY CHUTE
- DBS OBSCURE
- NEW BOUNDARY
- NEW FENCE

- BAL BALUSTRADE
- DP DOWN PIPE
- FW FLOOR WASTE
- G.D. GRATED DRAIN
- HR HANDRAIL
- ALUMINUM SLIDING DOUBLE HUNG
- ALUMINUM LOUVER
- ALUMINUM PIED
- ALUMINUM SLIDING DOUBLE HUNG
- ALUMINUM AWNING

- RWT RAINWATER TANK
- PS PRIVACY SCREEN
- SC STEEL COLUMN
- TC TIMBER COLUMN
- VJ VERTICAL JOINT

- NEW PIT
- EXISTING PIT
- TREE TO REMAIN
- TREE TO BE REMOVED
- EXISTING LEVEL
- DESIGN LEVEL
- EASEMENT TO DRAIN WATER VARIABLE WIDTH (DP104/191)
- EASEMENT TO DRAIN WATER 1M WIDE (DP77051)

- BSN BASIN
- BT BATH TUB
- SHWR SHOWER
- WC WATER CLOSET
- WM WASHING MACHINE
- CT COOKTOP
- FR FRIDGE
- RH RANGEHOOD
- SK SINK

**BASIX Notes**

- ALL EXTERNAL WALLS ACHIEVE R1.9 INCL. CONSTRUCTION
- R2.5 INSULATION TO ALL CEILING
- FOLI SARKING TO USE OF ROOF
- HOT WATER SYSTEM GAS INSTANTANEOUS W/ PERFORMANCE OF 3 STARS.

DATE	REVISION
10 APRIL 16	FOR PRE DA BASIX ONLY
JULY 16	FOR DA
NOV 16	AMENDED DA AS PER COUNCIL REQUEST
APR 17	FOR COUNCIL MEETING
CT	CT

PROJECT  
**PROPOSED 3 RESIDENTIAL DWELLINGS**  
ADDRESS  
44 - 16 ELABANA CRESCENT CASTLE HILL NSW 2154

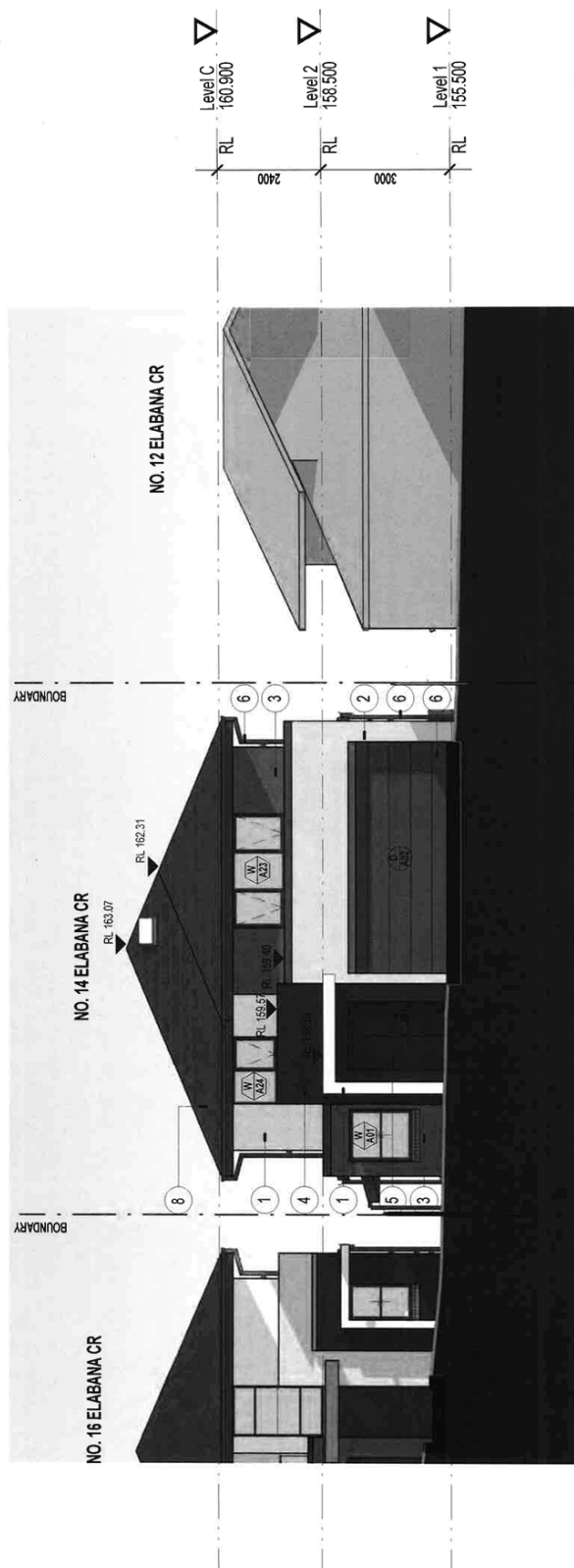
**SJC**  
11.1.11  
n 400 101 780  
e 400 101 780

PROJECT NUMBER  
CH01  
**DA302**  
DATE  
F

SCALE 1:100  
AS SHOWN  
DATE  
F

## ATTACHMENT 4 - ITEM 8





NO. 14 FRONT (WEST) ELEVATION

1:100

## EXTERNAL FINISHES

1	PAINTED CEMENT RENDER BRAND: DULUX COLOR: M7 ASPRING CODE: PN261 OR SIMILAR	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MAYNARD GREY CODE: PG108 OR SIMILAR	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MAYNARD GREY CODE: PG108 OR SIMILAR	CLEAR TIMBER VARNISH COLOR: NATURAL OR SIMILAR	CLEAR GLASS BALUSTRADE OR SIMILAR	METAL SHEETING (OUT-BUILDING ROOF) COLOR: WOODLAND GREY OR SIMILAR	BAL BALUSTRADE DOWN PIPE G.D. GRATED DRAIN HR HONDBAIL SC STEEL COLUMN TC TIMBER COLUMN VJ VERTICAL JOINT
2	PAINTED CEMENT RENDER BRAND: DULUX COLOR: UNFORGETTABLE CODE: PN164 OR SIMILAR	PAINTED CEMENT RENDER BRAND: DULUX COLOR: WAYWARD GREY CODE: PG108 OR SIMILAR	PAINTED STEEL (DPT GUTTER/GARAGE DOOR) DOOR WINDOW FRAME COLOR: COLORBOND WOODLAND GREY CODE: C322 OR SIMILAR	ROOF TILES BRAND: Boral STYLE: CONTOUR COLOR: CHARCOAL GREY OR SIMILAR	WEATHERBOARD (OUT-BUILDING WALL) BRAND: JAMES HARDIE PRIMELINE STYLE: NEWPORT COLOR: KARLUA MILK OR SIMILAR		

ISSUE	DATE	APPROVED	FOR PRE-DA SUB ONLY
A	19 APRIL 16	CT	FOR DA
B	JULY 16	CT	AMENDED DA 48 PRE-COUNCIL REQUEST
C	MAY 16	CT	AMENDED DA 48 PRE-COUNCIL REQUEST
D	APR 17	CT	AMENDED DA 48 PRE-COUNCIL REQUEST
E	APR 17	CT	AMENDED DA 48 PRE-COUNCIL REQUEST
F	APR 17	CT	FOR COUNCIL MEETING

PROJECT	PROPOSED 3 RESIDENTIAL DWELLINGS
ADDRESS	14 - 16 ELABANA CRESCENT CASTLE HILL NSW 2154
CLIENT	COLLIAR HOMES PTY LTD

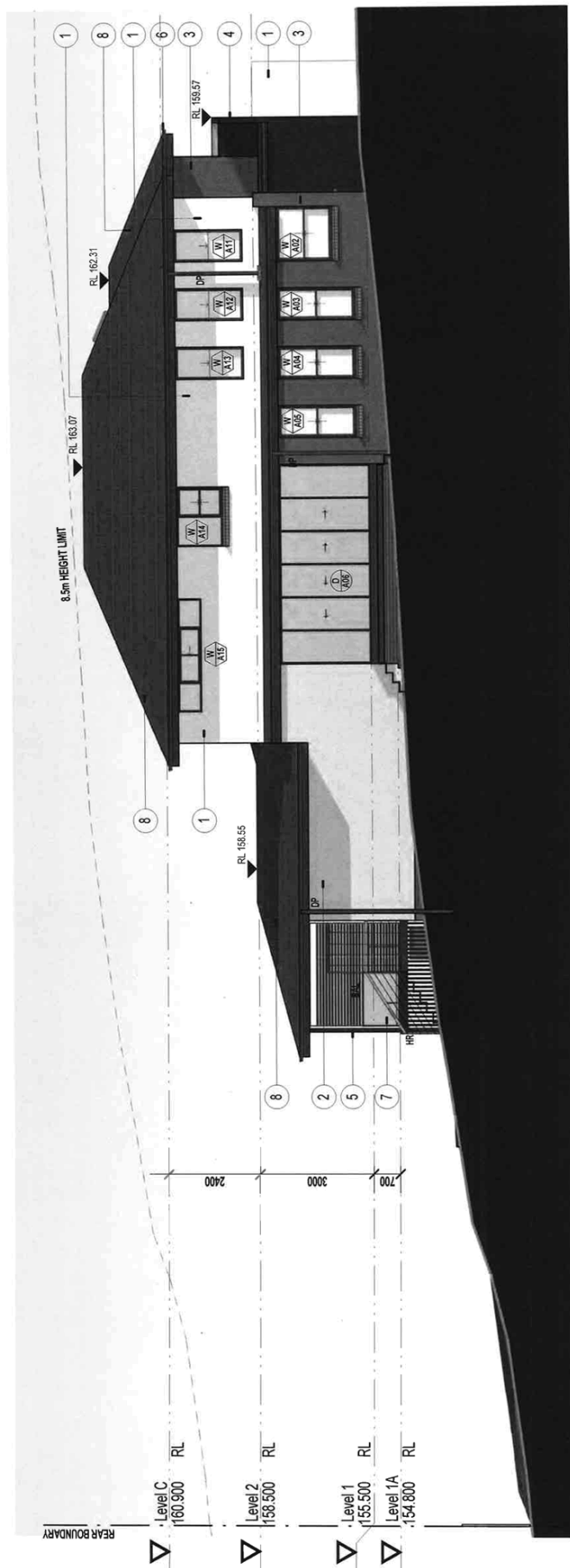
DRAWING	NO. 14 WEST (FRONT) ELEVATION
PROJECT NUMBER	CH01
DRAWING NUMBER	DA104
DATE	F

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CASTLE HILL NSW 2154  
www.sycgroup.com.au

## ATTACHMENT 5 - ITEM 8



NO. 14 NORTH ELEVATION  
1:100

#### EXTERNAL FINISHES

1 PAINTED CEMENT RENDER  
BRAND: DULUX  
COLOR: MY ASPRING  
CODE: PN51  
OR SIMILAR

2 PAINTED CEMENT RENDER  
BRAND: DULUX  
COLOR: UNFORGETTABLE  
CODE: PN54  
OR SIMILAR

3 PAINTED CEMENT RENDER  
BRAND: DULUX  
COLOR: MALAY GREY  
CODE: P523  
OR SIMILAR

4 PAINTED CEMENT RENDER  
BRAND: DULUX  
COLOR: WAYWARD GREY  
CODE: P516  
OR SIMILAR

5 CLEAR TIMBER VARNISH  
COLOR: NATURAL  
OR SIMILAR

6 PAINTED STEEL (DPI) GUTTER GARAGE DOOR  
DOOR: WINDOW FRAME  
COLOR: COLORBOND WOODLAND GREY  
CODE: C820  
OR SIMILAR

7 CLEAR GLASS  
BALUSTRADE  
OR SIMILAR

8 ROOF TILES  
BRAND: BORAL  
STYLE: CONTOUR  
COLOR: CHARCOAL GREY  
OR SIMILAR

9 METAL SHEETING  
(OUT-BUILDING ROOF)  
COLOR: WOODLAND GREY  
OR SIMILAR

10 WEATHERBOARD  
(OUT-BUILDING WALL)  
BRAND: JAMES HARDIE PRIME LINE  
STYLE: NEWPORT  
COLOR: KAHUIA MILK  
OR SIMILAR

BAL BALUSTRADE  
DP DOWN PIPE  
G.D. GRATED DRAIN  
HR HANDRAIL  
SC STEEL COLUMN  
TC TIMBER COLUMN  
VJ VERTICAL JOINT

DATE	REVISION	APPROVED	CHECKED
15 JUL 16	A	DA105	CT
15 JUL 16	B	DA105	CT
15 JUL 16	C	DA105	CT
15 JUL 16	D	DA105	CT
15 JUL 16	E	DA105	CT
15 JUL 16	F	DA105	CT

PROJECT: PROPOSED 3 RESIDENTIAL DWELLINGS  
ADDRESS: 14 - 16 ELABANA CRESCENT CASTLE HILL NSW 2154  
CLIENT: COLTAN HOMES PTY LTD

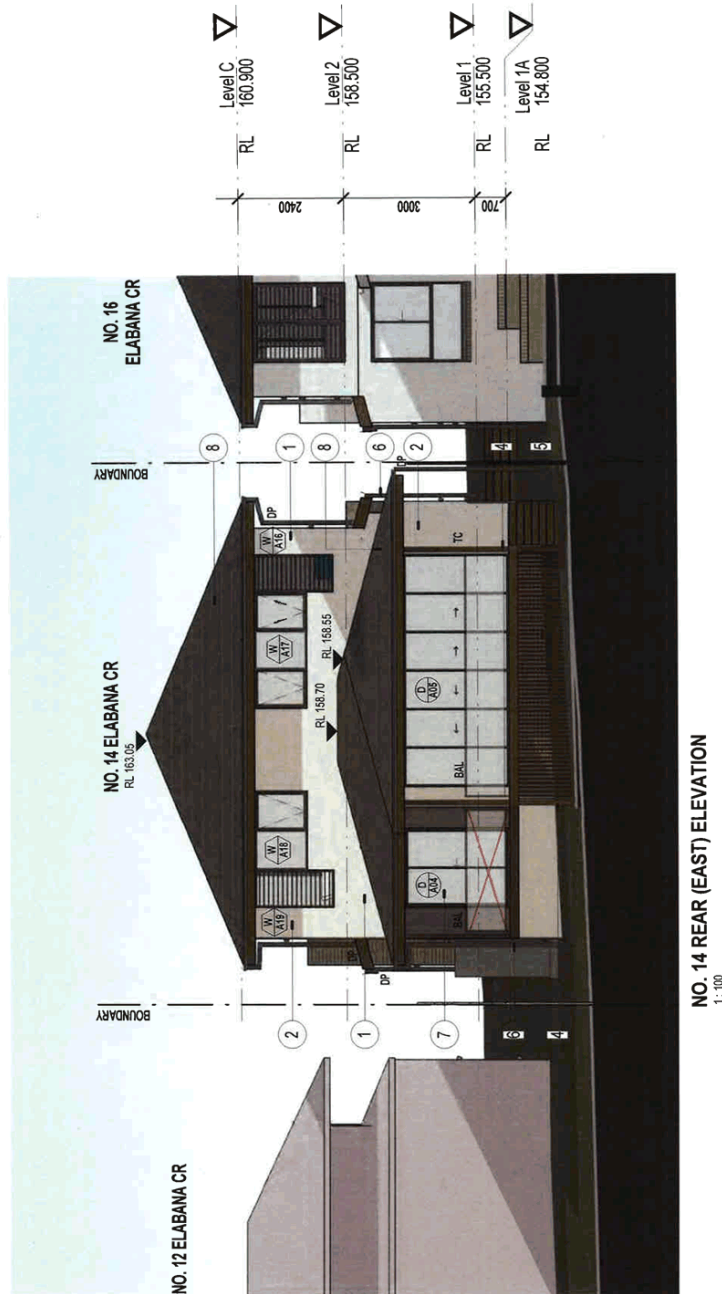
NO. 14 NORTH ELEVATION

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ARCHITECTS  
15/03/14 15/03/14  
15/03/14 15/03/14

SYC  
ARCHITECTS  
15/03/14 15/03/14  
15/03/14 15/03/14

PROJECT NUMBER: CH01  
DRAWING NUMBER: DA105  
DATE: F

# ATTACHMENT 5 - ITEM 8



## EXTERNAL FINISHES

1  
PAINTED CEMENT RENDER  
BRAND: DULUX  
COLOR: MT ASPIRING  
CODE: PNZ81  
OR SIMILAR

2  
PAINTED CEMENT RENDER  
BRAND: DULUX  
COLOR: UNFORGETTABLE  
CODE: PNZ84  
OR SIMILAR

3  
PAINTED CEMENT RENDER  
BRAND: DULUX  
COLOR: MALAY GREY  
CODE: PGG3  
OR SIMILAR

4  
PAINTED CEMENT RENDER  
BRAND: DULUX  
COLOR: WAYWARD GREY  
CODE: PGG8  
OR SIMILAR

5  
CLEAR TIMBER VARNISH  
COLOR: NATURAL  
OR SIMILAR

6  
PAINTED STEEL (DPI GUTTER GARAGE DOOR)  
DOOR/WINDOW FRAME  
COLOR: COLORBOND WOODLAND GREY  
CODE: C920  
OR SIMILAR

7  
CLEAR GLASS  
BALUSTRADE  
OR SIMILAR

8  
ROOF TILES  
BRAND: BOMAL  
STYLE: CONTOUR  
COLOR: CHARCOAL GREY  
OR SIMILAR

9  
METAL SHEETING  
(OUT-BUILDING ROOF)  
COLOR: WOODLAND GREY  
OR SIMILAR

10  
WEATHERBOARD  
(OUT-BUILDING WALL)  
BRAND: JAMES HARDIE PRIMELINE  
STYLE: NEWPORT  
COLOR: KAHUA MILK  
OR SIMILAR

BAL BALUSTRADE  
DP DOWN PIPE  
GD GRATED DRAIN  
HR HANDRAIL  
SC STEEL COLUMN  
TC TIMBER COLUMN  
VJ VERTICAL JOINT

DATE	ISSUE	APPROVED	CHECKED
19 APRIL 16	A	CT	CT
JULY 16	B	CT	CT
NOV 16	C	CT	CT
MAR 17	D	CT	CT
APR 17	E	CT	CT
APR 17	F	CT	CT

PROJECT  
PROPOSED 3 RESIDENTIAL DWELLINGS  
ADDRESS  
14 - 16 ELABANA CRESCENT CASTLE HILL NSW 2154  
CLIENT  
COLTAN HOMES PTY LTD

DRAWING  
NO. 14 EAST (REAR)  
ELEVATION

SYC  
ARCHITECTS  
14-16 ELABANA CRESCENT  
CASTLE HILL NSW 2154  
02 9400 2445  
info@syccorp.com.au

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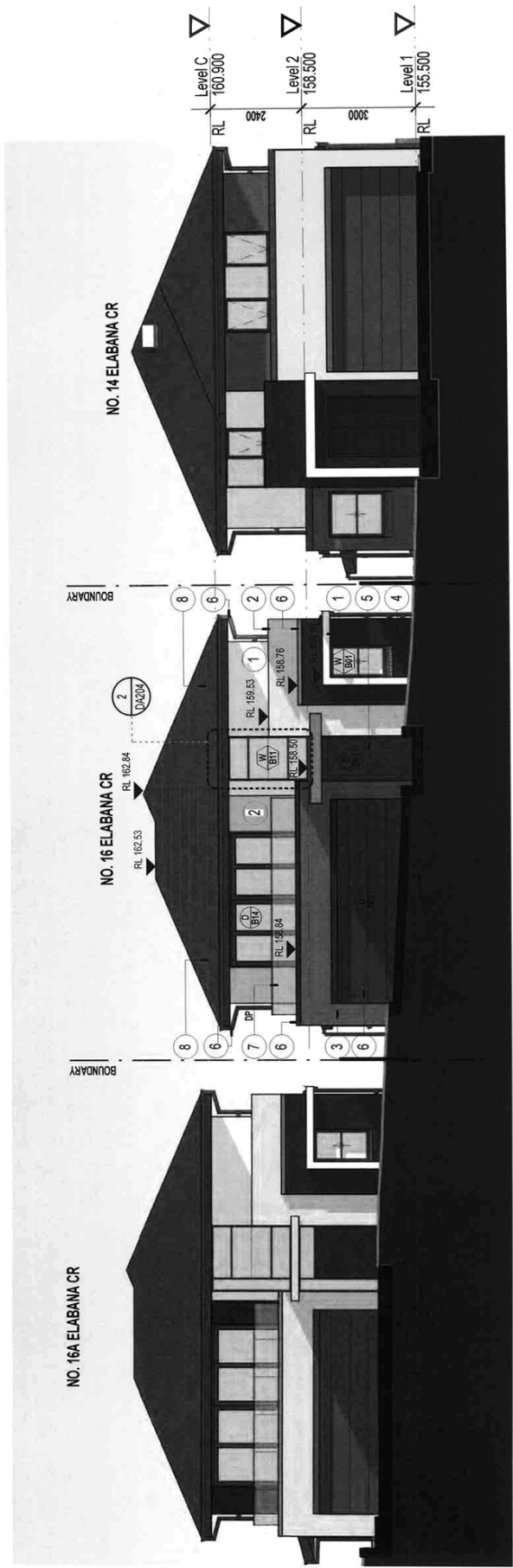
PROJECT NUMBER  
CH01  
DRAWING NUMBER  
DA106  
ISSUE  
F

## ATTACHMENT 5 - ITEM 8



## ATTACHMENT 5 - ITEM 8





NO. 16 NORTH (FRONT) ELEVATION  
1:100

EXTERNAL FINISHES

1	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MIST SPRING CODE: P3281 OR SIMILAR	4	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MAYNARD GREY CODE: P3106 OR SIMILAR
2	PAINTED CEMENT RENDER BRAND: DULUX COLOR: UNFORGETTABLE CODE: P3284 OR SIMILAR	5	CLEAR TIMBER VARNISH COLOR: NATURAL OR SIMILAR
3	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MALAY GREY CODE: P3285 OR SIMILAR	6	PAINTED STEEL (DPI/ GUTTER GARAGE DOOR) DOOR: WINDOW FRAME / TRIM COLOR: COLORBOND WOODLAND GREY CODE: C820 OR SIMILAR



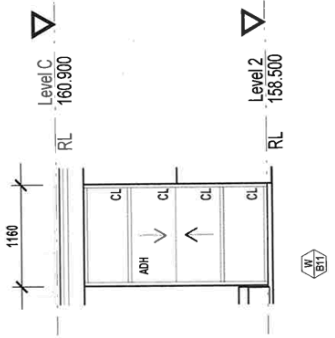
CLEAR GLASS  
BALUSTRADE  
OR SIMILAR

ROOF TILES  
BRAND: BORAL  
STYLE: CONTOUR  
COLOR: CHARCOAL GREY  
OR SIMILAR

METAL SHEETING  
(OUT-BUILDING ROOF)  
COLOR: WOODLAND GREY  
OR SIMILAR

WEATHERBOARD  
(OUT-BUILDING WALL)  
BRAND: JAMES HARDIE PRIMELINE  
STYLE: NEWPORT  
COLOR: KAHUA MILK  
OR SIMILAR

BAL BALUSTRADE  
DOWN PIPE  
G.D. GRATED DRAIN  
H.R. HANDRAIL  
S.C. STEEL COLUMN  
T.C. TIMBER COLUMN  
V.J. VERTICAL JOINT



DATE	15 APRIL 16	FOR PRELIMINARY ONLY
APPROVED	15 APRIL 16	FOR DA
APPROVED	15 APRIL 16	AMENDED DA AS PER COUNCIL REQUEST
APPROVED	15 APRIL 16	FOR COUNCIL MEETING

PROPOSED 3 RESIDENTIAL DWELLINGS  
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CLIENT: COLTAN HOMES PTY LTD

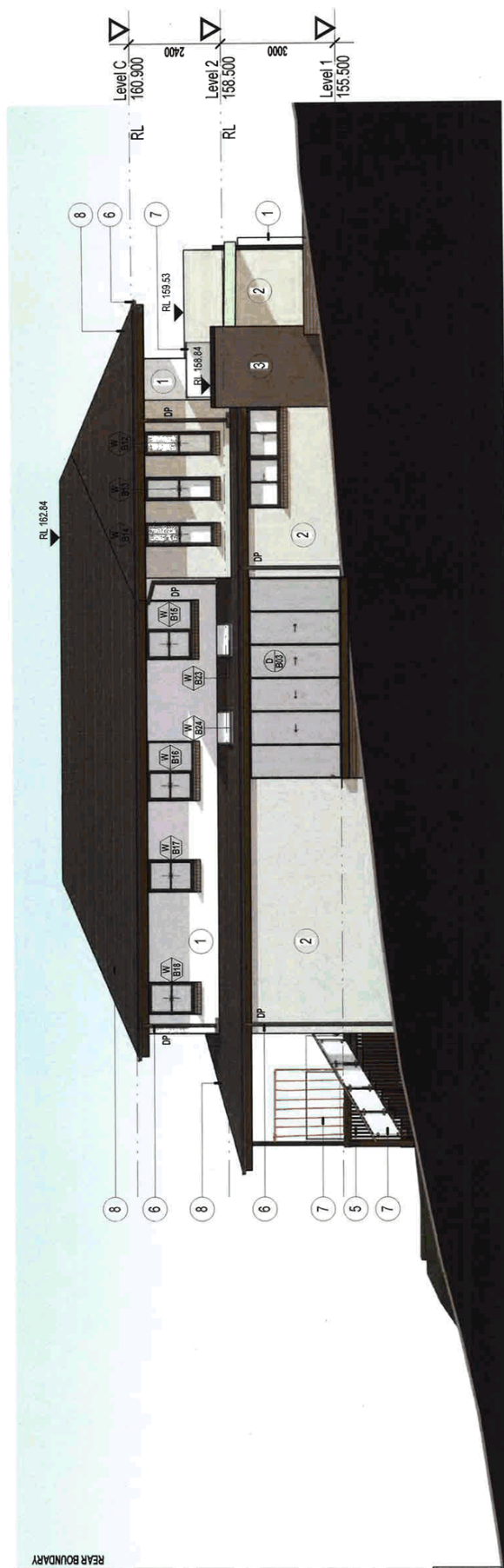
NO. 16 WEST (FRONT)  
ELEVATION

**SJC**  
ARCHITECTS  
140-142 ST. JOHN ST.  
SYDNEY NSW 2000  
PH: 02 9439 2373  
www.sjcarchitects.com.au

PROJECT NUMBER: CH01  
DRAWING NUMBER: DA204  
SCALE: 1:100  
DATE: 15 APRIL 16

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ATTACHMENT 5 - ITEM 8



NO. 16 NORTH ELEVATION  
1:100

#### EXTERNAL FINISHES

1	PAINTED CEMENT RENDER BRAND: DULUX COLOR: WIT ASPRING CODE: PN21 OR SIMILAR	2	PAINTED CEMENT RENDER BRAND: DULUX COLOR: UNFORGETTABLE CODE: PN24 OR SIMILAR	3	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MAYNARD GREY CODE: PN108 OR SIMILAR	4	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MAYNARD GREY CODE: PN108 OR SIMILAR	5	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MAYNARD GREY CODE: PN108 OR SIMILAR	6	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MAYNARD GREY CODE: PN108 OR SIMILAR	7	CLEAR GLASS BALUSTRADE OR SIMILAR	8	CLEAR GLASS BALUSTRADE OR SIMILAR	9	METAL SHEETING (OUT-BUILDING ROOF) COLOR: WOODLAND GREY OR SIMILAR	10	WEATHERBOARD (OUT-BUILDING WALL) BRAND: JAMES HARDIE PRIME LINE STYLE: NEWPORT COLOR: KAHILUA MILK OR SIMILAR	BAL	BALUSTRADE	DP	DOWN PIPE	G.D.	GRADED DRAIN	HR	HANDRAIL	SC	STEEL COLUMN	TC	TIMBER COLUMN	VJ	VERTICAL JOINT
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	--	-----	------------	----	-----------	------	--------------	----	----------	----	--------------	----	---------------	----	----------------

ISSUE	DATE	AUTHORITY
A	19 APRIL 18	FOR PRELIMINARY REVIEW ONLY
B	JULY 18	FOR DA
C	AUG 18	APPROVED BY AS PER COUNCIL REQUEST
F	APR 17	FOR COUNCIL MEETING

PROJECT  
**PROPOSED 3 RESIDENTIAL DWELLINGS**  
ADDRESS  
14-16 ELABANA CRESCENT CASTLE HILL NSW 2154  
CLIENT  
COLTAN HOMES PTY LTD

DRAWING  
**NO. 16 NORTH ELEVATION**



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10 YEARS OF SERVICE  
1000+ PROJECTS  
40+ YEARS OF EXPERIENCE

PROJECT NUMBER  
**CH01**  
DRAWING NUMBER  
**DA205**  
SCALE  
**F**

# ATTACHMENT 5 - ITEM 8



## NO. 16 SOUTH (REAR) ELEVATION

1:100

## EXTERNAL FINISHES

1	PAINTED CEMENT RENDER BRAND: DULUX COLOR: ASPERING CODE: P16Z4 OR SIMILAR		PAINTED CEMENT RENDER BRAND: DULUX COLOR: BLACK GREY CODE: P62B OR SIMILAR		CLEAR TIMBER VARNISH COLOR: NATURAL OR SIMILAR		CLEAR GLASS BAULSTRADE OR SIMILAR		METAL SHEETING (OUT-BUILDING ROOF) COLOR: WOODLAND GREY OR SIMILAR		BAL BALUSTRADE DP DOWN PIPE G.D. GRADED DRAIN HR HANDRAIL SC STEEL COLUMN TC TIMBER COLUMN VJ VERTICAL JOINT
2	PAINTED CEMENT RENDER BRAND: DULUX COLOR: UNFORGETTABLE CODE: P16Z4 OR SIMILAR		PAINTED CEMENT RENDER BRAND: DULUX COLOR: WAYWARD GREY CODE: P16G8 OR SIMILAR		PAINTED STEEL (DPI GUTTER/ GARAGE DOOR) DOOR/ WINDOW FRAME COLOR: COLORBOND WOODLAND GREY CODE: CB20 OR SIMILAR		ROOF TILES BRAND: BORAL STYLE: CARBONAL GREY OR SIMILAR		WEATHERBOARD (OUT-BUILDING WALL) BRAND: JAMES HARDIE STYLE: NEWPORT COLOR: SHELLA MILK OR SIMILAR		

DRAWN	ISSUE	DATE	AMENDMENT
SYG	A	14 APRIL 16	FOR PRE DA ISSUE ONLY
	B	JULY 16	FOR DA
CT	C	NOV 16	AMENDED DA AS PER COUNCIL REQUEST
	D	"	"
	E	"	"
CT	F	APR 17	FOR COUNCIL MEETING

PROJECT  
**PROPOSED 3 RESIDENTIAL DWELLINGS**  
ADDRESS  
14 - 16 ELABARA CRESCENT CASTLE HILL NSW 2154  
CLIENT  
COLTAN HOMES PTY LTD

DRAWING  
NO. 16 EAST (REAR)  
ELEVATION



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PROJECT NUMBER  
**CH01**

DRAWING NUMBER  
**DA206**

ISSUE  
**F**

SCALES AT A3  
1:100

DATE

# ATTACHMENT 5 - ITEM 8



NO. 16 WEST ELEVATION  
1:100

#### EXTERNAL FINISHES

EXTERNAL FINISHES	1	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MT ASPIRING CODE: PN281 OR SIMILAR	3	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MALAY GREY CODE: PG205 OR SIMILAR	5	CLEAR TIMBER VARNISH COLOR: NATURAL OR SIMILAR	7	CLEAR GLASS BALUSTRADE OR SIMILAR	9	METAL SHEETING (OUT-BUILDING ROOF) COLOR: WOODLAND GREY OR SIMILAR	BAL	BALUSTRADE
	2	PAINTED CEMENT RENDER BRAND: DULUX COLOR: UNFORGETTABLE CODE: PN284 OR SIMILAR	4	PAINTED CEMENT RENDER BRAND: DULUX COLOR: WAYWARD GREY CODE: PG168 OR SIMILAR	6	PAINTED STEEL (DP) GUTTER GARAGE DOOR DOOR: WINDOW FRAME COLOR: COLORBOND WOODLAND GREY CODE: C620 OR SIMILAR	8	ROOF TILES BRAND: Boral STYLE: CONTOUR COLOR: CHARCOAL GREY OR SIMILAR	10	WEATHERBOARD (OUT-BUILDING WALL) BRAND: JAMES HARDIE PRIME LINE STYLE: NEWPORT COLOR: KARLUA MILK OR SIMILAR	DP	DOWN PIPE
										G.D.	GRADED DRAIN	
										HR	HANDRAIL	
										SC	STEEL COLUMN	
										TC	TIMBER COLUMN	
										VJ	VERTICAL JOINT	

DATE	ISSUE	FOR PRELIMINARY USE ONLY	FOR COUNCIL MEETING
19 APR 18	A	FOR PRELIMINARY USE ONLY	
19 APR 18	B	FOR PRELIMINARY USE ONLY	
19 APR 18	C	FOR PRELIMINARY USE ONLY	
19 APR 18	D	FOR PRELIMINARY USE ONLY	
19 APR 18	E	FOR PRELIMINARY USE ONLY	
19 APR 18	F	FOR PRELIMINARY USE ONLY	
19 APR 18	G	FOR PRELIMINARY USE ONLY	
19 APR 18	H	FOR PRELIMINARY USE ONLY	
19 APR 18	I	FOR PRELIMINARY USE ONLY	
19 APR 18	J	FOR PRELIMINARY USE ONLY	
19 APR 18	K	FOR PRELIMINARY USE ONLY	
19 APR 18	L	FOR PRELIMINARY USE ONLY	
19 APR 18	M	FOR PRELIMINARY USE ONLY	
19 APR 18	N	FOR PRELIMINARY USE ONLY	
19 APR 18	O	FOR PRELIMINARY USE ONLY	
19 APR 18	P	FOR PRELIMINARY USE ONLY	
19 APR 18	Q	FOR PRELIMINARY USE ONLY	
19 APR 18	R	FOR PRELIMINARY USE ONLY	
19 APR 18	S	FOR PRELIMINARY USE ONLY	
19 APR 18	T	FOR PRELIMINARY USE ONLY	
19 APR 18	U	FOR PRELIMINARY USE ONLY	
19 APR 18	V	FOR PRELIMINARY USE ONLY	
19 APR 18	W	FOR PRELIMINARY USE ONLY	
19 APR 18	X	FOR PRELIMINARY USE ONLY	
19 APR 18	Y	FOR PRELIMINARY USE ONLY	
19 APR 18	Z	FOR PRELIMINARY USE ONLY	

PROJECT  
**PROPOSED 3 RESIDENTIAL DWELLINGS**  
ADDRESS  
14-16 ELABANA CRESCENT CASTLE HILL NSW 2154  
CLIENT  
CULTAN HOMES PTY LTD

DRAWING  
**NO. 16 SOUTH ELEVATION**



SYL  
40 YEARS OF EXCELLENCE  
1800 600 700  
www.syl.com.au

PROJECT NUMBER  
**CH01**  
DRAWING NUMBER  
**DA207**  
ISSUE  
**F**

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# ATTACHMENT 5 - ITEM 8







NO. 16A NORTH ELEVATION  
1:100

#### EXTERNAL FINISHES

1	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MT ASPIRING CODE: PN281 OR SIMILAR	3	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MALAY GREY CODE: PG206 OR SIMILAR	6	CLEAR TIMBER VARNISH COLOR: NATURAL OR SIMILAR	9	METAL SHEETING (OUT-BUILDING ROOF) COLOR: WOODLAND GREY OR SIMILAR	BAL	BALUSTRADE
2	PAINTED CEMENT RENDER BRAND: DULUX COLOR: UNFORGETTABLE CODE: PN284 OR SIMILAR	4	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MAYNARD GREY CODE: PG168 OR SIMILAR	5	PAINTED STEEL (DP GUTTER/GARAGE DOOR) COLOR: COLORBOND WOODLAND GREY CODE: C220 OR SIMILAR	7	CLEAR GLASS BALUSTRADE OR SIMILAR	DP	DOWN PIPE
						8	ROOF TILES BRAND: Boral STYLE: CONTOUR COLOR: CHARCOAL GREY OR SIMILAR	G.D.	GRADED DRAIN
						10	WEATHERBOARD (OUT-BUILDING WALL) BRAND: JAMES HARDIE PRIMELINE STYLE: NEWPORT COLOR: KAHU MILK OR SIMILAR	HR	HANDRAIL
								SC	STEEL COLUMN
								TC	TIMBER COLUMN
								VJ	VERTICAL JOINT

DATE	REVISION
19 APRIL 16	A
JULY 16	B
16 APR 17	C
16 APR 17	D
16 APR 17	E
16 APR 17	F

PROJECT  
**PROPOSED 3 RESIDENTIAL DWELLINGS**  
ADDRESS  
14 - 16 ELABANA CRESCENT CASTLE HILL NSW 2154  
CLIENT  
CUTLISH HOMES PTY LTD

DRAWING  
**NO. 16A NORTH ELEVATION**

**SYC**  
ARCHITECTS  
14/15-16 ELABANA CRESCENT  
CASTLE HILL NSW 2154  
PH 02 9433 4479  
www.sycarchitects.com.au

PROJECT NUMBER  
**CH01**  
DRAWING NUMBER  
**DA305**  
DATE  
**F**

SCALE: 1:100  
1:100

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# ATTACHMENT 5 - ITEM 8



NO. 16A EAST (REAR) ELEVATION  
1:100

EXTERNAL FINISHES

1	PAINTED CEMENT RENDER BRAND: DULUX COLOR: MT ASPIRING CODE: PN281 OR SIMILAR	3	PAINTED CEMENT RENDER BRAND: DULUX COLOR: WAYWARD GREY CODE: P51G8 OR SIMILAR	5	CLEAR TIMBER VARNISH COLOR: NATURAL OR SIMILAR	7	CLEAR GLASS BALUSTRADE OR SIMILAR	9	METAL SHEETING (OUT-BUILDING ROOF) COLOR: WOODLAND GREY OR SIMILAR	BAL	BALUSTRADE
2	PAINTED CEMENT RENDER BRAND: DULUX COLOR: UNFORGETTABLE CODE: PN284 OR SIMILAR	4	PAINTED CEMENT RENDER BRAND: DULUX COLOR: WAYWARD GREY CODE: P51G8 OR SIMILAR	6	PAINTED STEEL (DP) GUTTER GARAGE DOOR) DOOR WINDOW FRAME COLOR: COLORBOND WOODLAND GREY OR SIMILAR	8	ROOF TILES BRAND: Boral STYLE: CONTOUR COLOR: CHARCOAL GREY OR SIMILAR	10	WEATHERBOARD (OUT-BUILDING WALL) BRAND: JAMES HARDIE PRIME LINE STYLE: NEWPORT COLOR: KAHUKA MILK OR SIMILAR	DP	DOWN PIPE
									G.D.	GRATED DRAIN	
									HR	HANDRAIL	
									SC	STEEL COLUMN	
									TC	TIMBER COLUMN	
									VJ	VERTICAL JOINT	

DATE	REVISION	FOR
10 APRIL 16	A	FOR PRELIMINARY ISSUE ONLY
JULY 16	B	FOR DA
NOV 16	C	APPROVED DA AS PER COUNCIL REQUEST
	D	
APR 17	F	FOR COUNCIL MEETING

PROJECT  
**PROPOSED 3 RESIDENTIAL DWELLINGS**  
ADDRESS  
14 - 16 ELABANA CRESCENT CASTLE HILL NSW 2154  
CLIENT  
COLTAN HOMES PTY LTD

DRAWING  
**NO. 16A EAST (REAR)  
ELEVATION**



SYC  
14-16 ELABANA CRESCENT  
CASTLE HILL NSW 2154  
02 9439 1000  
www.syc.com.au

PROJECT NUMBER  
**CH01**  
DRAWING NUMBER  
**DA306**  
ISSUE  
**F**

# ATTACHMENT 5 - ITEM 8



NO. 16A SOUTH ELEVATION  
1 : 100

## EXTERNAL FINISHES

EXTERNAL FINISHES		BALUSTRADE		DOWN PIPE		GRADED DRAIN		STEEL RAIL		TIMBER COLUMN		VERTICAL JOINT	
		BAL	DP	G.D.	HR	SC	TC	VJ					
		METAL SHEETING (OUT-BUILDING ROOF) COLOR: WOODLAND GREY OR SIMILAR								WEATHERBOARD (OUT-BUILDING WALL) BRAND: JAMES HARDIE STYLE: NEWPORT COLOR: KAHUNA MILK OR SIMILAR			
		CLEAR GLASS BALUSTRADE OR SIMILAR								ROOF TILES BRAND: BORDAL STYLE: CONTOUR COLOR: CHARCOAL GREY OR SIMILAR			
		CLEAR TIMBER VARNISH COLOR: NATURAL OR SIMILAR								PAINTED STEEL (DPI GUTTER/ GARAGE DOOR) COLOR: WINDOW FRAME COLOR: COLORBOND WOODLAND GREY CODE: C520 OR SIMILAR			
		PAINTED CEMENT RENDER BRAND: DULUX COLOR: MALAY GREY CODE: PG35 OR SIMILAR								PAINTED CEMENT RENDER BRAND: DULUX COLOR: WAYWARD GREY CODE: PG168 OR SIMILAR			
		PAINTED CEMENT RENDER BRAND: DULUX COLOR: MT ASPRING CODE: PN281 OR SIMILAR								PAINTED CEMENT RENDER BRAND: DULUX COLOR: UNFORGETTABLE CODE: PN284 OR SIMILAR			

DRAWN BY	ISSUE	DATE	AMENDMENT
SYN	A	19 APRIL 18	FOR PRE-DIA ISSUE ONLY
BVC	B	JULY 14	FOR DIA
APPROVED	C	NOV 16	AMENDED DIA AS PER COUNCIL REQUEST
CT	*	*	*
	*	*	*
CHANGED	F	APR 17	FOR COUNCIL MEETING
CT			

PROJECT  
**PROPOSED 3 RESIDENTIAL DWELLINGS**  
ADDRESS  
14 - 16 ELABANA CRESCENT CASTLE HILL NSW 2154

DRAWING

NO. 16A SOUTH ELEVATION



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PROJECT NUMBER  
**CH01**

DRAWING NUMBER  
**DA307**

ISSUE  
**F**

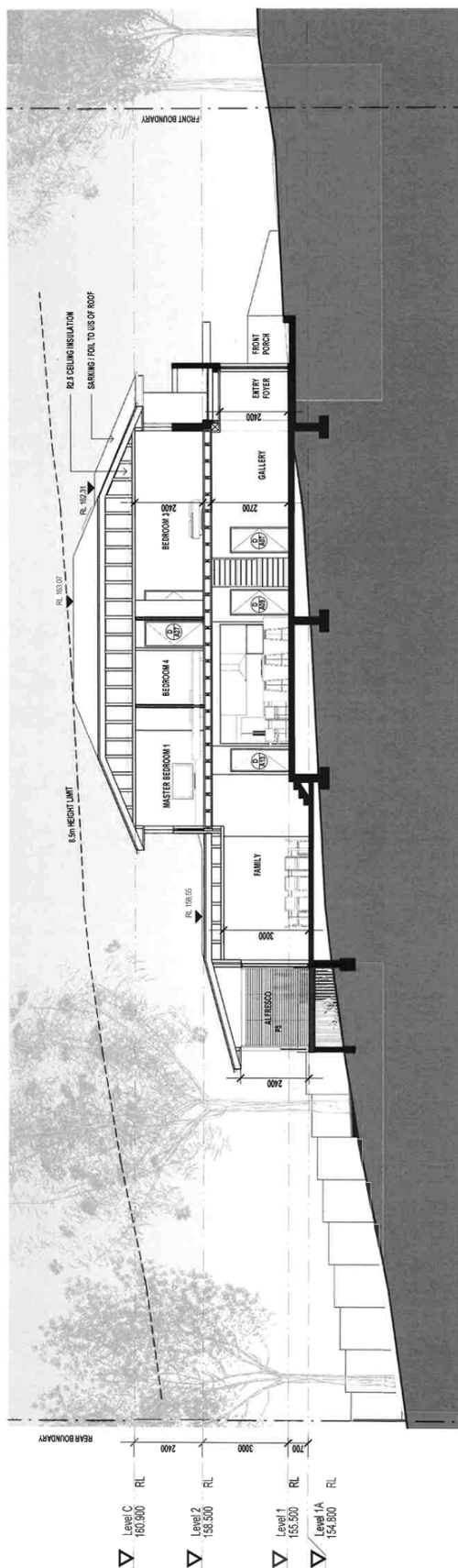
SCALES AT A3  
1:100

DATE

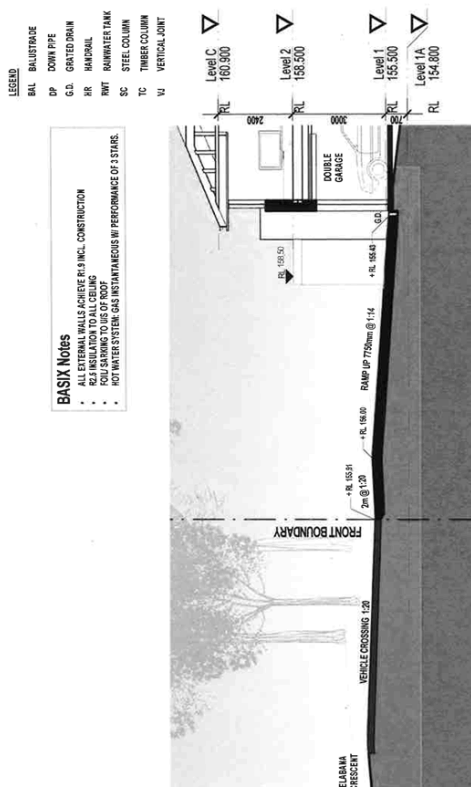
# ATTACHMENT 5 - ITEM 8



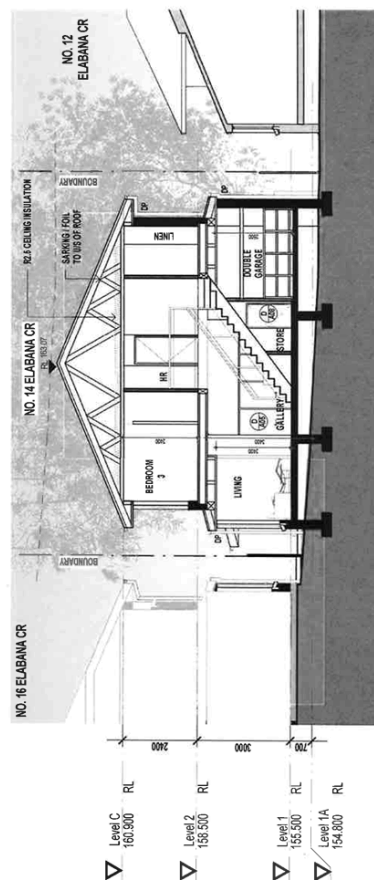
# ATTACHMENT 6 - ITEM 8



NO. 14 LONGITUDINAL SECTION  
1 : 100



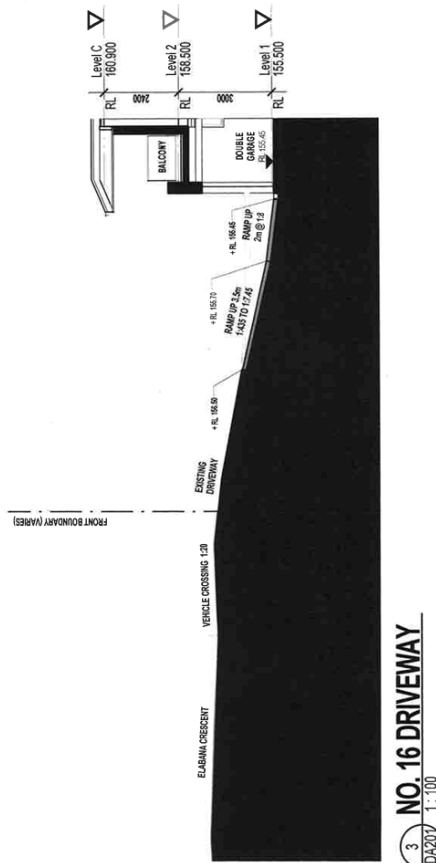
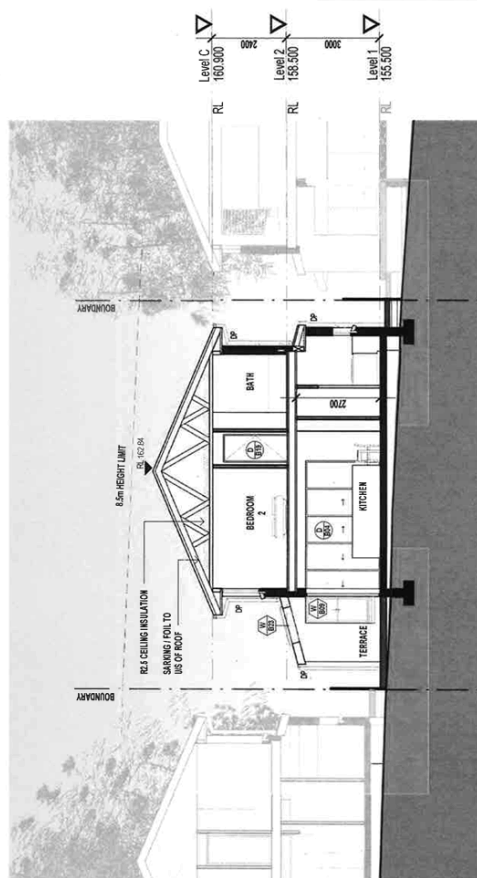
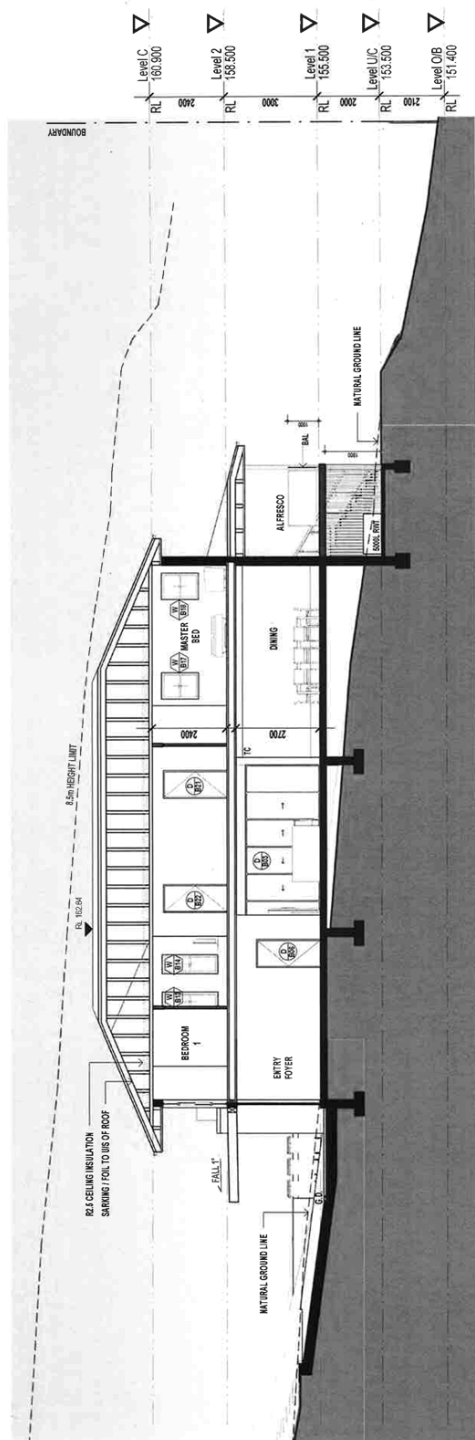
**NO. 14 DRIVEWAY SECTION**



NO. 14 CROSS SECTION



# ATTACHMENT 6 - ITEM 8



DA208  
F

NO. 16 SECTIONS

PROPOSED 3 RESIDENTIAL DWELLINGS

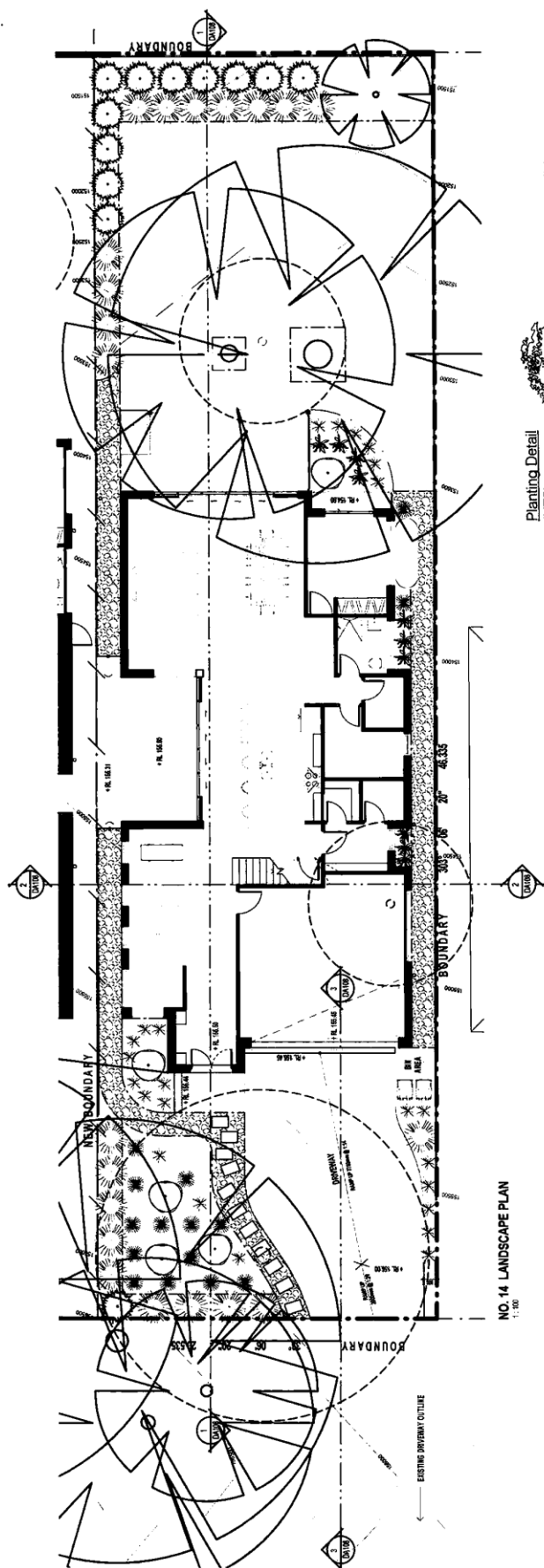
44-46 ELABANA CRESCENT CASTLE HILL NSW 2154



**LEGEND**

### BASIX Notes

- ALL EXTERNAL WALLS ACHIEVE R1.9 INCL CONSTRUCTION
- R2.5 INSULATION TO ALL CEILING
- FOUL SINKING TO US OF ROOF
- HOT WATER SYSTEM: GAS INSTANTANEOUS W/ PERFORMANCE OF 3 STARS.

NO. 14 LANDSCAPE PLAN  
1:200

## LEGEND:



## PLANT SCHEDULE:

Symbol	Botanical Name	Common Name	Quantity	Pot Size	Height	Width
<b>Shrubs:</b>						
	Westringia fruticosa	Coastal Rosemary	22	200mm	1.5m	1.2m
	Callistemon citrinus	Bottle Brush	12	200mm	2m	1.5m
<b>Grasses:</b>						
	Dianella caerulea	Paroo lily	15	140mm	0.4m	0.3m
<b>Flowers:</b>						
	Anigozanthos	Kangaroo Paw	24	200mm	0.8m	0.45m
	Rosa hybrid	Bush Roses	5	200mm	1.5m	1m
<b>Succulents:</b>						
	Sansevieria trifasciata	Snake Plant	10	200mm	0.8m	N/A

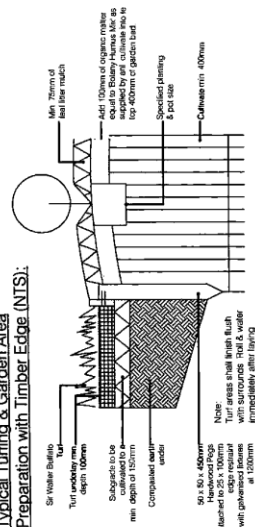
Planting Detail  
(NTS):

Specified Tree - Ensure plants are installed in accordance with the following instructions:

- Specified Tree - Ensure plants are installed in accordance with the following instructions:
- Specified Tree - Ensure plants are installed in accordance with the following instructions:



## Typical Turfing &amp; Garden Area Preparation with Timber Edge (NTS):



## LANDSCAPE NOTES

All landscape works are to be installed in accordance with the following instructions:

- All landscape works are to be installed in accordance with the following instructions:
- All landscape works are to be installed in accordance with the following instructions:

## NO. 14 LANDSCAPE PLAN

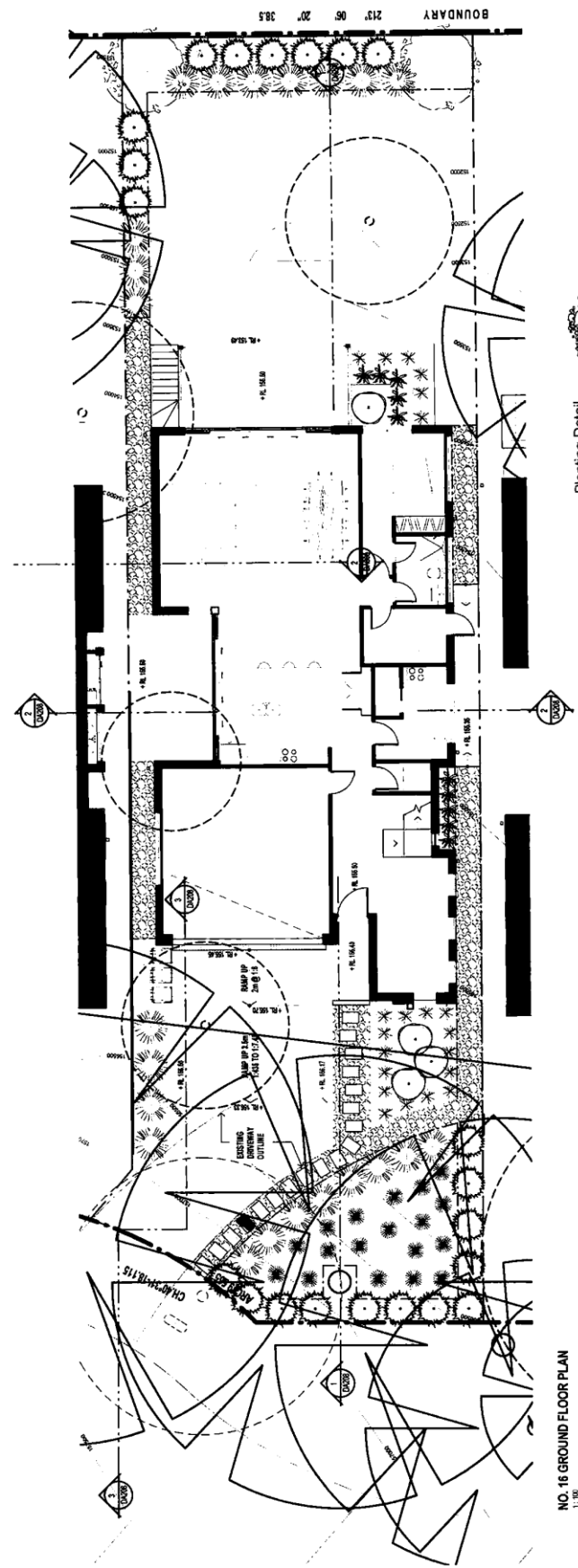
## PROPOSED 3 RESIDENTIAL DWELLINGS

NO. 14 LANDSCAPE PLAN  
1:200

DATE: 10 MAY 2017  
DRAWN BY: [Name]  
CHECKED BY: [Name]  
APPROVED BY: [Name]  
DATE: 10 MAY 2017

DA109  
F

## ATTACHMENT 7 - ITEM 8



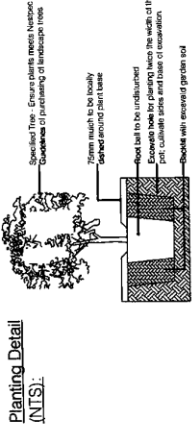
NO. 16 GROUND FLOOR PLAN  
1:100

LEGEND:

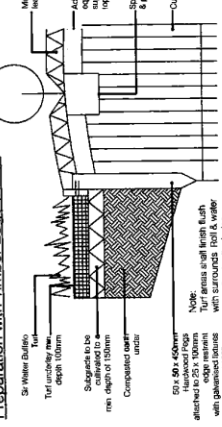
- TREE RETAINED
- TREE REMOVED
- PROPOSED TURF
- PROPOSED PEBBLE
- EXISTING LEVELS
- PROPOSED LEVELS
- TOP OF WALL LEVEL
- BOUNDARY
- NEW TIMBER FENCE TO MATCH EXISTING
- TIMBER EDGE
- MASONRY RETAINING WALL

PLANT SCHEDULE:

Symbol	Botanical Name	Common Name	Quantity	Pot Size	Height	Width
<b>Trees:</b>						
	Tristanopsis laurina	Water Gum	2	1 litre	4 - 8m	2- 4m
<b>Shrubs:</b>						
	Westringia fruticosa	Coastal Rosemary	22	200mm	1.5m	1.2m
	Callistemon citrinus	Bottle Brush	21	200mm	2m	1.5m
<b>Grasses:</b>						
	Dianella caerulea	Paroo lily	18	140mm	0.4m	0.3m
<b>Flowers:</b>						
	Anigozanthos	Kangaroo Paw	21	200mm	0.8m	0.45m
	Rosa hybrid	Bush Roses	4	200mm	1.5m	1m
<b>Succulents:</b>						
	Sansevieria trifasciata	Snake Plant	10	200mm	0.8m	N/A



Typical Turling & Garden Area Preparation with Timber Edge (NTS):



**LANDSCAPE NOTES**

All landscape works are to meet industry best practice and the following standards:

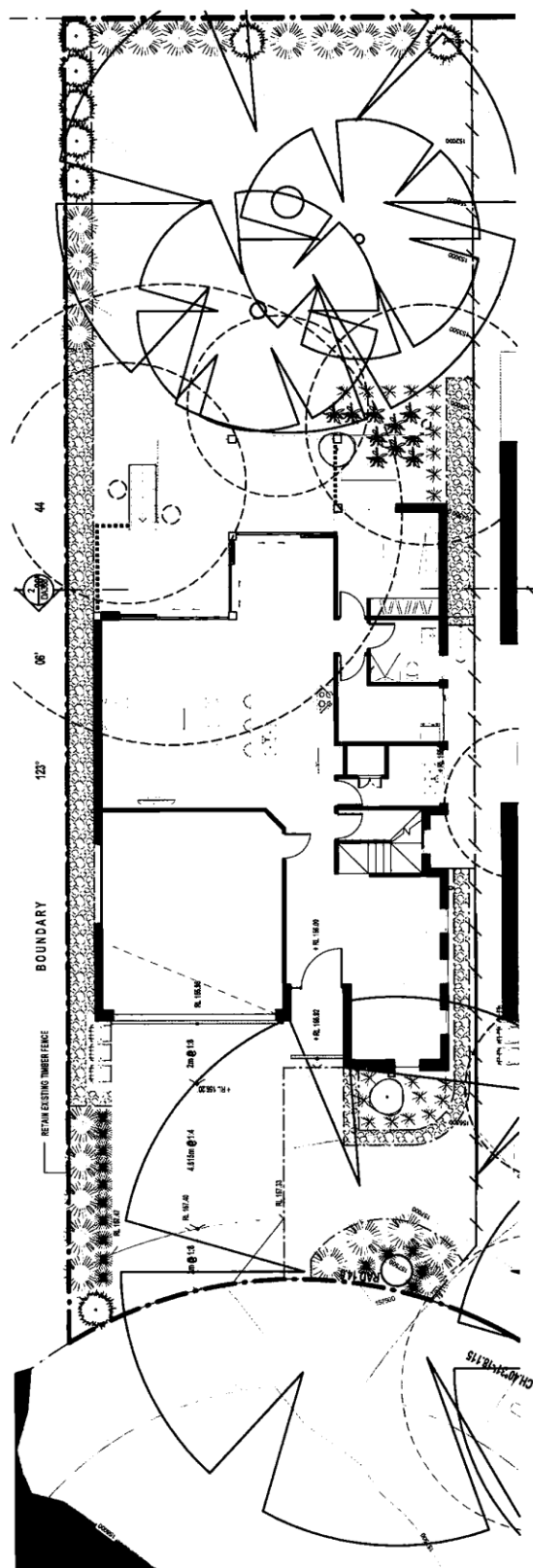
- AS 4793 Planting of Nursery Trees
- AS 4794 Planting of Nursery Trees
- AS 4795 Planting of Nursery Trees
- AS 4796 Planting of Nursery Trees
- AS 4797 Planting of Nursery Trees

NO. 16 LANDSCAPE PLAN

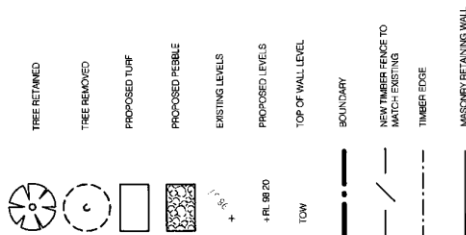
PROPOSED 3 RESIDENTIAL DWELLINGS  
N - HELMERS CREEK CASTLE HILL NSW 2154

DATE: 10 APRIL 18  
APPROVED: [Signature]  
FOR: [Signature]  
DATE: 10 APRIL 18  
APPROVED: [Signature]  
FOR: [Signature]

ATTACHMENT 7 - ITEM 8



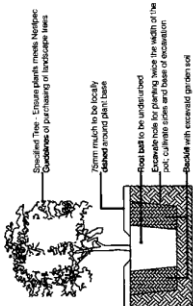
## LEGEND:



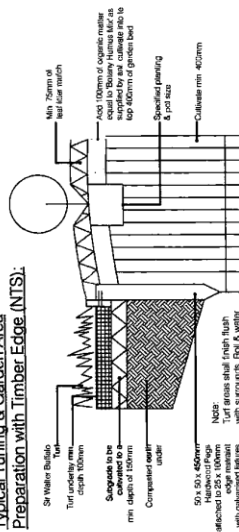
## PLANT SCHEDULE:

Symbol	Botanical Name	Common Name	Quantity	Pot Size	Height	Width
<b>Shrubs:</b>						
	Westringia fruticosa	Coastal Rosemary	22	200mm	1.5m	1.2m
	Callistemon citrinus	Bottle Brush	12	200mm	2m	1.5m
<b>Grasses:</b>						
	Dianella caerulea	Paroo lily	15	140mm	0.4m	0.3m
<b>Flowers:</b>						
	Anigozanthos	Kangaroo Paw	24	200mm	0.8m	0.45m
	Rosa hybrid	Bush Roses	5	200mm	1.5m	1m
<b>Succulent:</b>						
	Sansevieria trifasciata	Snake Plant	10	200mm	0.8m	N/A

## Planting Detail (NTS):



## Typical Turfing &amp; Garden Area Preparation with Timber Edge (NTS):



## LANDSCAPE NOTES

- All landscape works are to meet industry best practice and the following relevant Australian Standards:
  - AS 4793:2015 Landscaping - Design and Construction
  - AS 4793:2015 Landscaping - Design and Construction
  - AS 4793:2015 Landscaping - Design and Construction
  - AS 4793:2015 Landscaping - Design and Construction

PROJECT NO. 16A LANDSCAPE PLAN

DATE: 10 APRIL 2017

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

APPROVED BY: [Signature]

PROJECT NO. 16A LANDSCAPE PLAN

DATE: 10 APRIL 2017

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

APPROVED BY: [Signature]

## PROPOSED 3 RESIDENTIAL DWELLINGS

"H" - RE ELEGANT CRESCENT CASTLE HILL NSW 2154

CITY OF HORNSBY

PROJECT NO. 16A LANDSCAPE PLAN

DATE: 10 APRIL 2017

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

APPROVED BY: [Signature]

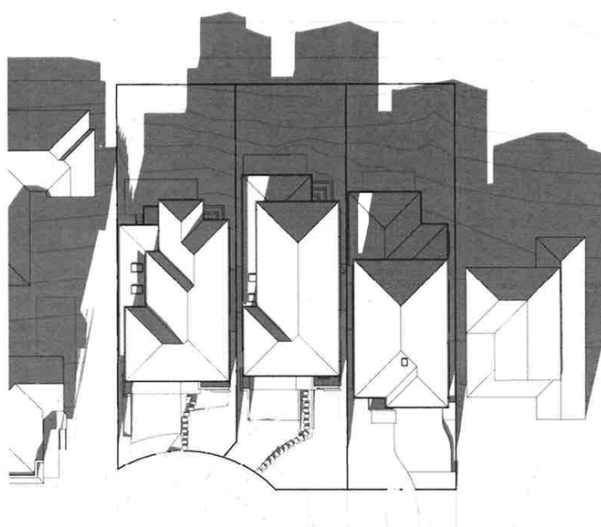
PROJECT NO. 16A LANDSCAPE PLAN

DATE: 10 APRIL 2017

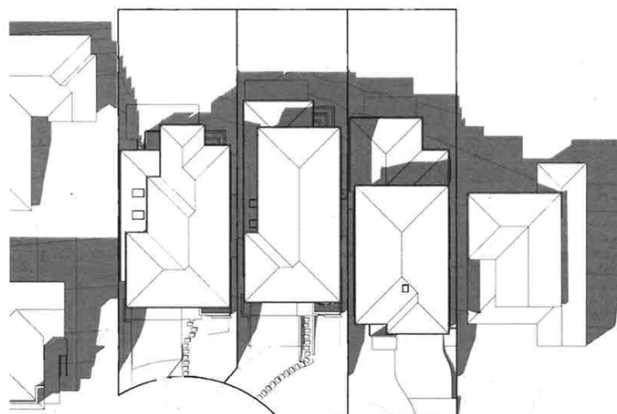
DESIGNED BY: [Signature]

CHECKED BY: [Signature]

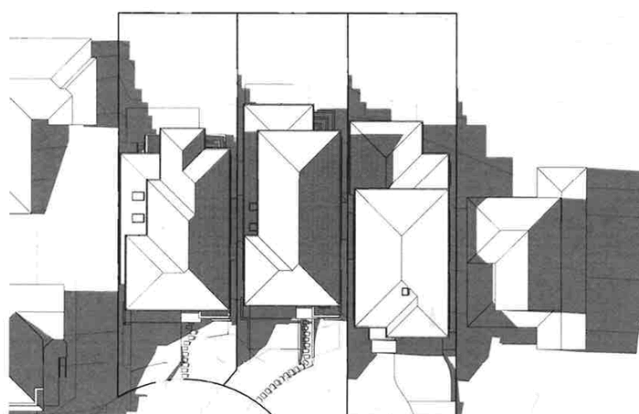
APPROVED BY: [Signature]



PROPOSED SHADOW DIAGRAM ON 22 JUNE  
3PM  
1:500



**PROPOSED SHADOW DIAGRAM ON 22 JUNE**  
**12 NOON**  
1 : 500



**PROPOSED SHADOW DIAGRAM ON 22 JUNE**  
**9AM**  
1 : 500

[illegible]

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PROJECT  
**PROPOSED**  
ADDRESS  
**14 - 16 ELABANA CPE**  
CLIENT  
CONSULTING DEVELOPMENT

**PROJECT**  
**PROPOSED 3 RESIDENTIAL DWELLINGS**

**ADDRESS**  
**14 - 16 ELABANA CRESCENT CASTLE HILL NSW 2154**



## PROPOSED SHADOW DIAGRAMS



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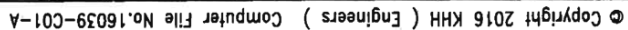
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**CH01**

DRAWING NUMBER  
**DA90**

ISSUE  
**F**

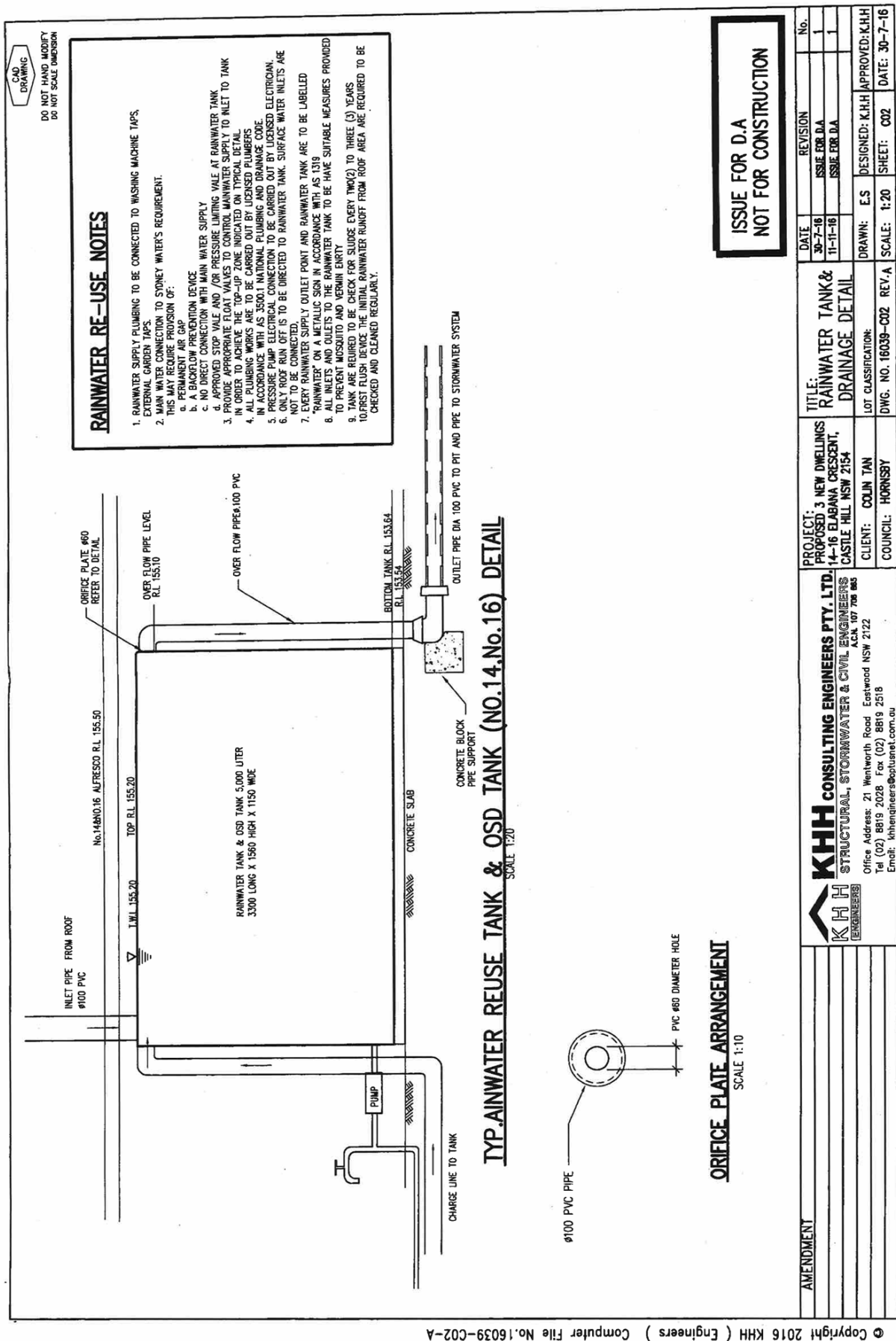
# ATTACHMENT 8 - ITEM 8



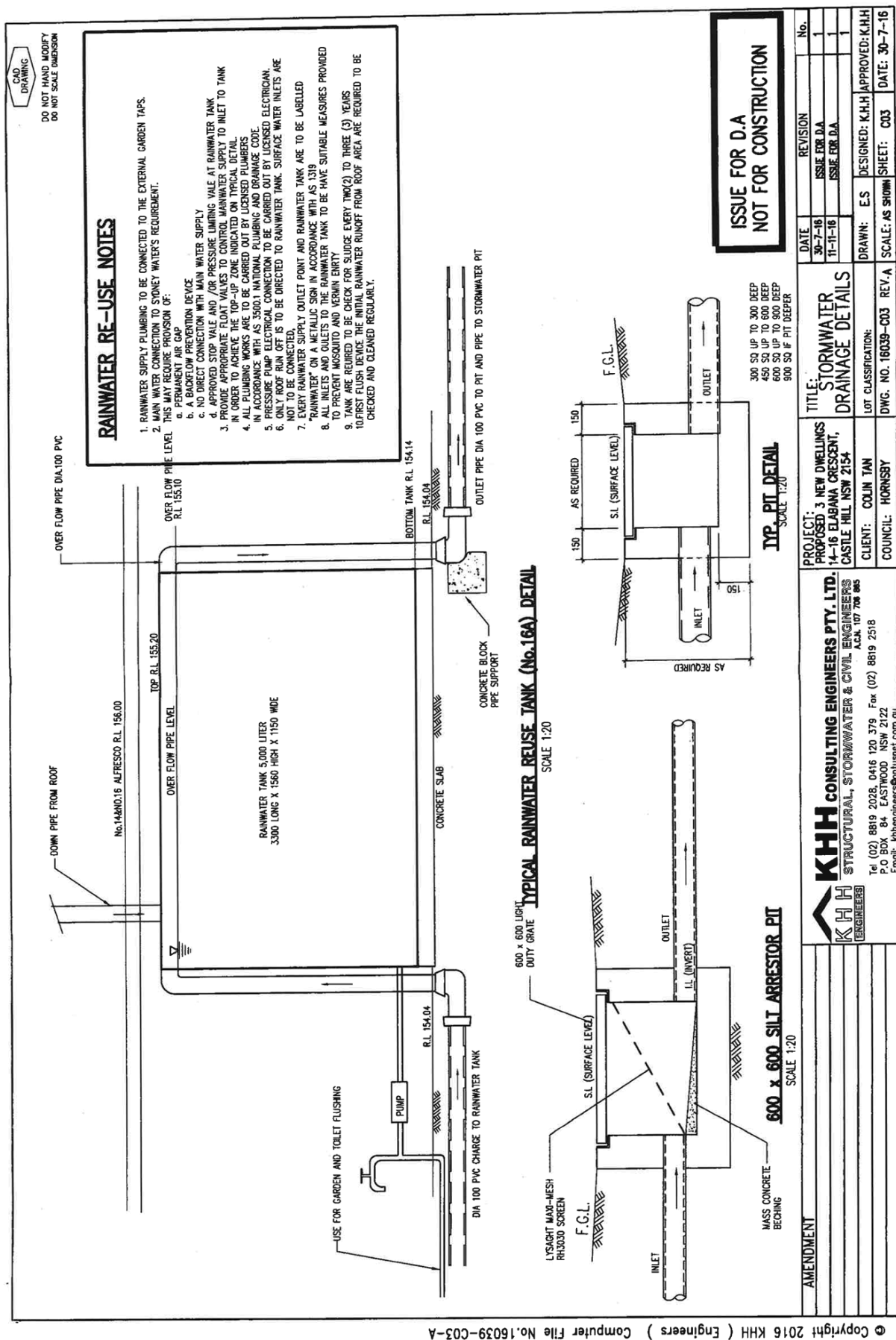


# ATTACHMENT 9 - ITEM 8





## ATTACHMENT 9 - ITEM 8



## ATTACHMENT 9 - ITEM 8

## HYDRAULIC CALCULATION

BASE ON HORNSBY SHIRE'S STORMWATER POLICY AND SPECIFICATION FOR

ON-SITE DETENTION THE FOLLOWING APPLIES

STORAGE VOLUME = 5 m<sup>3</sup> ( per No16 and No.14 )

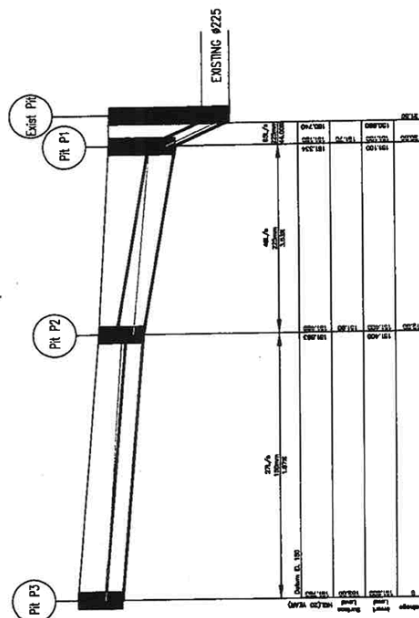
PERMISSIBLE SITE DISCHARGE = 8 L/S PER LOT

THEREFOR, TOTAL SITE DISCHARGE TO SITE Q = 18 L/s, TOTAL VOLUME OF OSD TANK = 10 m<sup>3</sup>

PR-DEVELOPMENT SITE DISCHARGE Q 5yr = 57 L/S Q20yr = 76 L/s

POST DEVELOPMENT (No.14, No.16, No.16A) SITE DISCHARGE Q 5yr = 53 L/S, Q20yr = 65 L/S Q capacity = 65 L/s

THEREFORE, EXISTING DRAINAGE PIPE Ø225 PVC HAS SUFFICIENT CAPACITY TO CATER FLOW FROM PROPOSED DEVELOPMENT



## LONGITUDINAL SECTION OF STORMWATER PIPE LINE

Scale 1:200

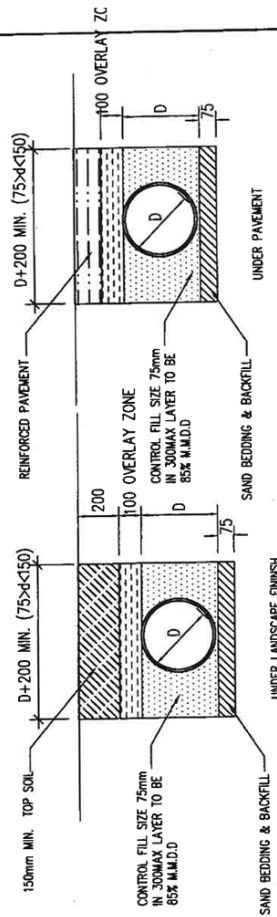
## STORMWATER NOTES

1. ALL STORMWATER DRAINAGE TO BE IN ACCORDANCE WITH AS 3601.3 AND COUNCIL REQUIREMENTS.
2. DOWNPIPE LOCATIONS ARE INDICATIVE ONLY. FINAL LOCATIONS TO BE DETERMINED BY PLUMBER.
3. ALL HABITABLE FLOOR LEVELS ARE TO BE AT LEAST 200 mm ABOVE FINISHED GROUND LEVELS ADJACENT TO NEW DWELLINGS.
4. WHERE PIPE SIZE NOT SHOWN ON DRAWING, USE 100mm UPVC (MIN. 100mm).
5. PRIOR TO ANY CONSTRUCTION ON SITE THE BUILDER SHALL CHECK THE ASSUMED LEVELS OF ALL UPSTREAM AND DOWNSTREAM EXISTING DRAINAGE STRUCTURES TO ENSURE THE VARIETY OF DISCREPANCIES IN LEVELS OR LOCATION OF STRUCTURES.
6. PRIOR TO ANY CONSTRUCTION ON SITE THE BUILDER SHALL CHECK THE LOCATION AND DEPTH OF ALL SEWER STRUCTURES TO ENSURE NO CONFLICT WITH THE PROPOSED WORKS.
7. A CHILD PROOF AND CORROSION RESISTANT FASTENING SYSTEM FOR THE ACCESS GRATES TO DETENTION TANK/TANKS/SILT ARRESTOR PIT SHALL BE INSTALLED. (E.G. SPRING LOADED JAY-BOLT).
8. A 500mm x 200mm SIGN SHALL BE PLACED ADJACENT TO THE DETENTION TANK/SILT ARRESTOR PIT STATING THAT: THIS DETENTION TANK/SILT ARRESTOR PIT SHALL BE REGULARLY INSPECTED AND CLEANED.
9. PIPES TO BE THRUST BORED TO MANAGE ROOT DAMAGE IN THE VICINITY OF TREES.

CAD  
DRAWING

DO NOT HAND MODIFY  
DO NOT SCALE DIMENSIONS

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## INSULATION AND BACK FILL CONDITIONS FOR UPVC PIPE

N.T.S

ISSUE FOR D.A  
NOT FOR CONSTRUCTION

## AMENDMENT

PROJECT:	TITLE:	DATE	REVISION	No.
PROPOSED 3 NEW DWELLINGS 14-16 ELABANA CRESCENT, CASTLE HILL NSW 2154	LONGITUDINAL SECTION STORMWATER PIPE	30-7-18	ISSUE FOR D.A	1
CLIENT: COLIN TAN	LOT CLASSIFICATION:	11-11-18	ISSUE FOR D.A	1
COUNCIL: HORNSBY	DWG. NO. 16039-C04 REV.A	DRAWN: ES	DESIGNED: K.H.H	APPROVED: K.H.H
		SCALE: N.T.S	SHEET: C04	DATE: 30-7-18

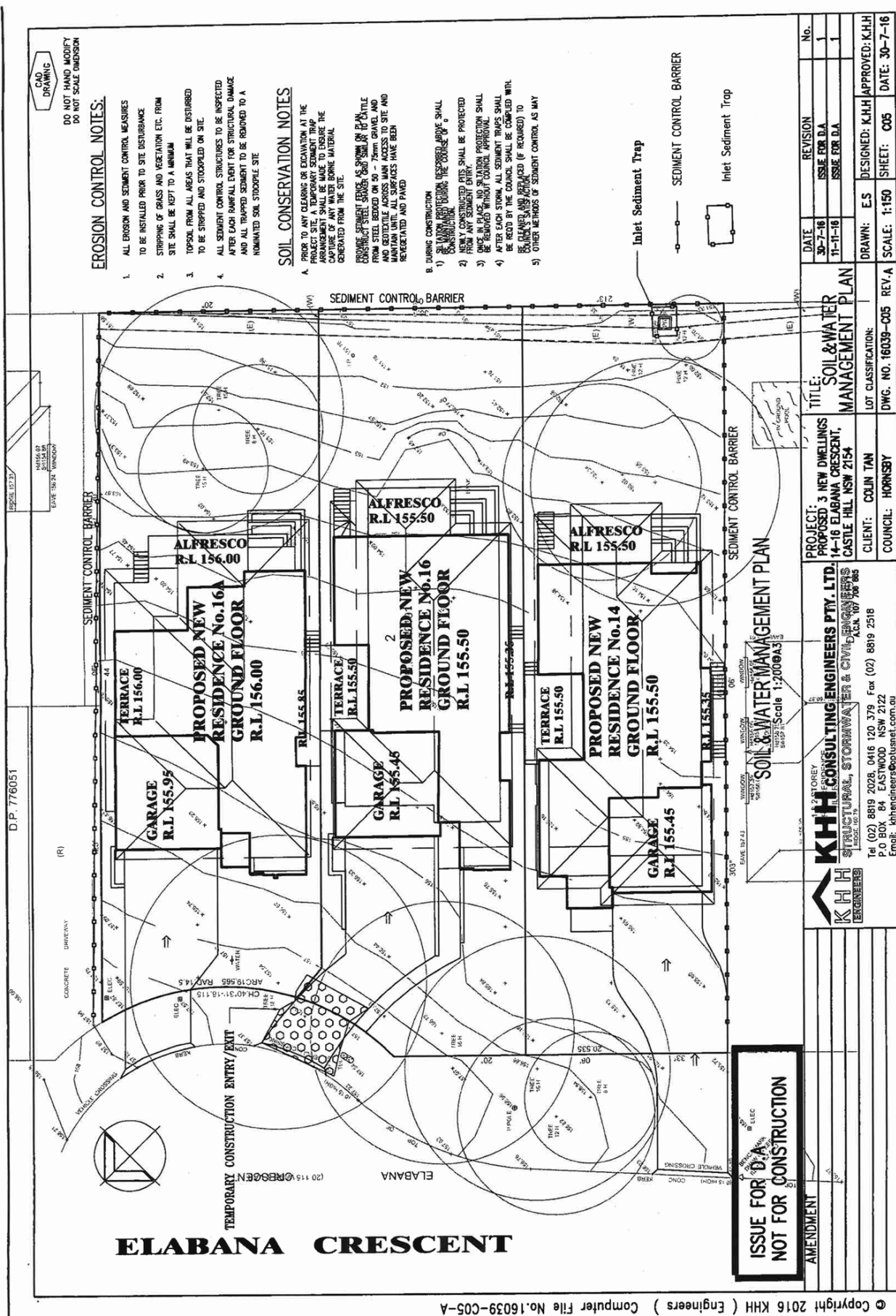
**KHH**  
ENGINEERS

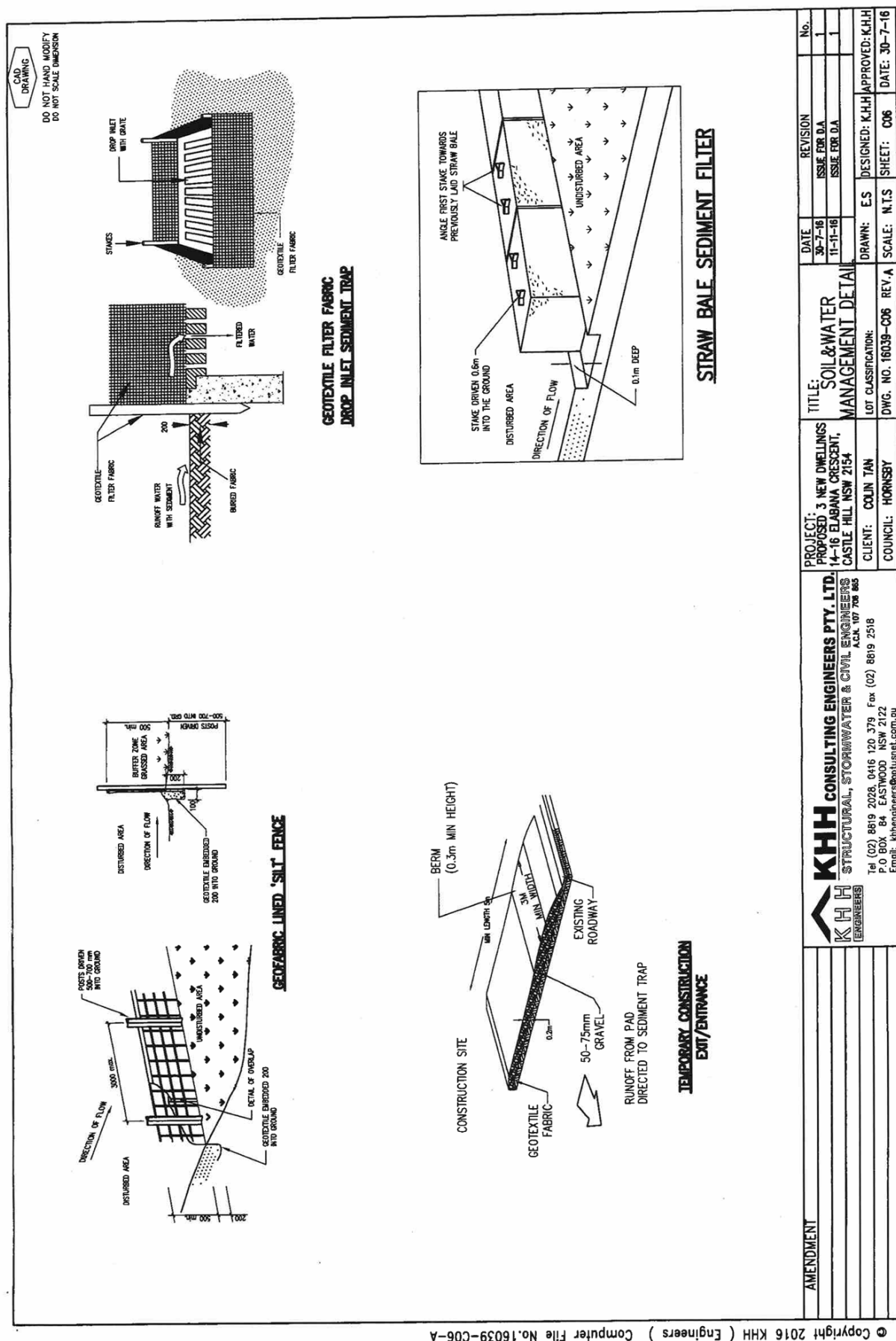
**KHH CONSULTING ENGINEERS PTY. LTD.**  
STRUCTURAL, STORMWATER & CIVIL ENGINEERS  
A/CN 107 708 803

Tel (02) 8819 2028, 0416 120 379 Fax (02) 8819 2518  
P.O BOX 84 EASTWOOD NSW 2122  
Email: khhengineers@optusnet.com.au

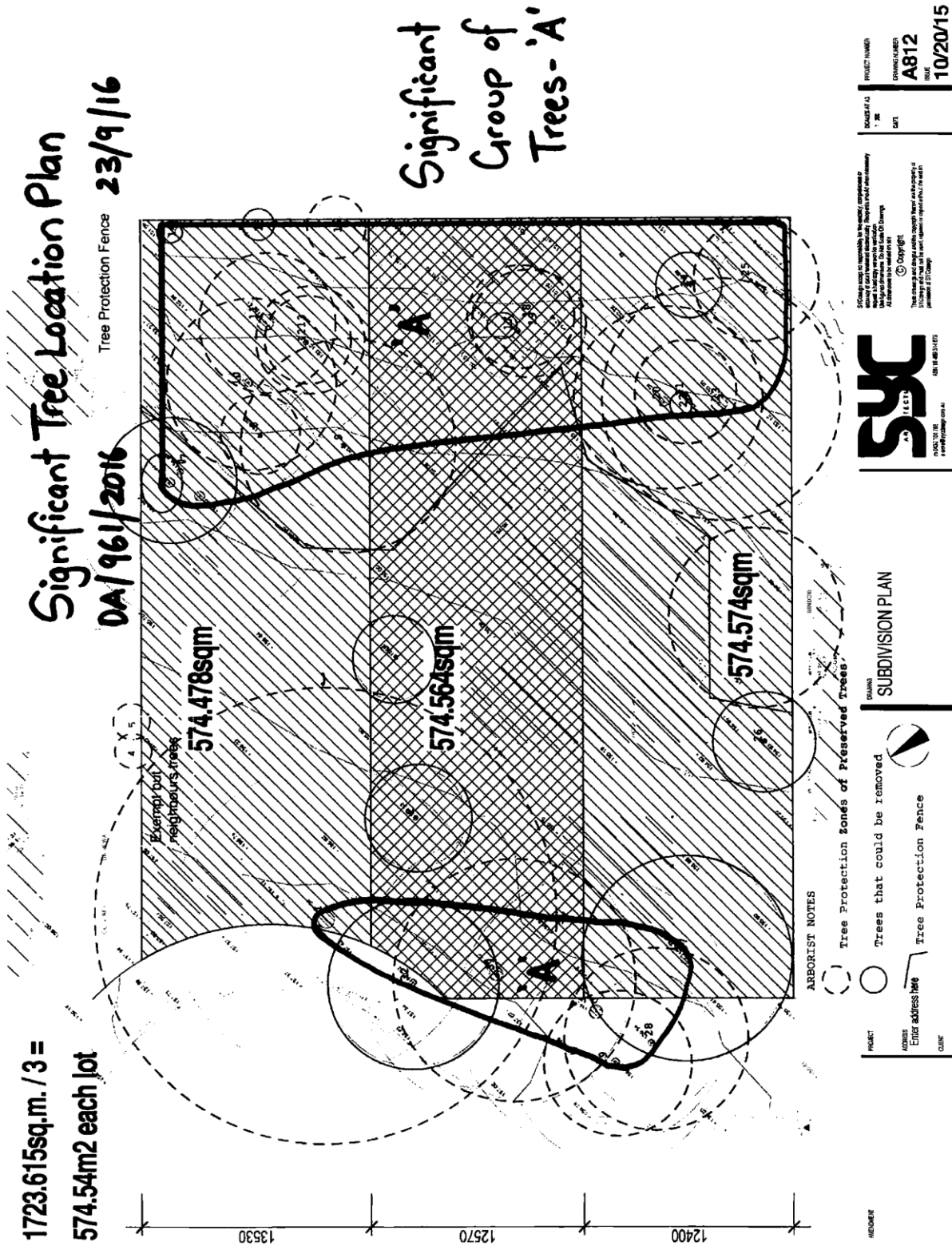
# ATTACHMENT 9 - ITEM 8

# ATTACHMENT 9 - ITEM 8





# ATTACHMENT 9 - ITEM 8



# ATTACHMENT 10 - ITEM 8

**ATTACHMENT/S**

**REPORT NO. PL23/17**

**ITEM 9**

- 1. LOCALITY MAP**
- 2. SITE PLAN**
- 3. LANDSCAPE PLAN**
- 4. CAR PARK PLAN**
- 5. FLOOR PLANS**
- 6. ELEVATIONS**
- 7. SIGNAGE DETAILS**
- 8. SURVEY PLAN**
- 9. ROOF PLAN**
- 10. MEETING MINUTES DATED 8 MARCH 2017**
- 11. MEETING MINUTES DATED 12 APRIL 2017**

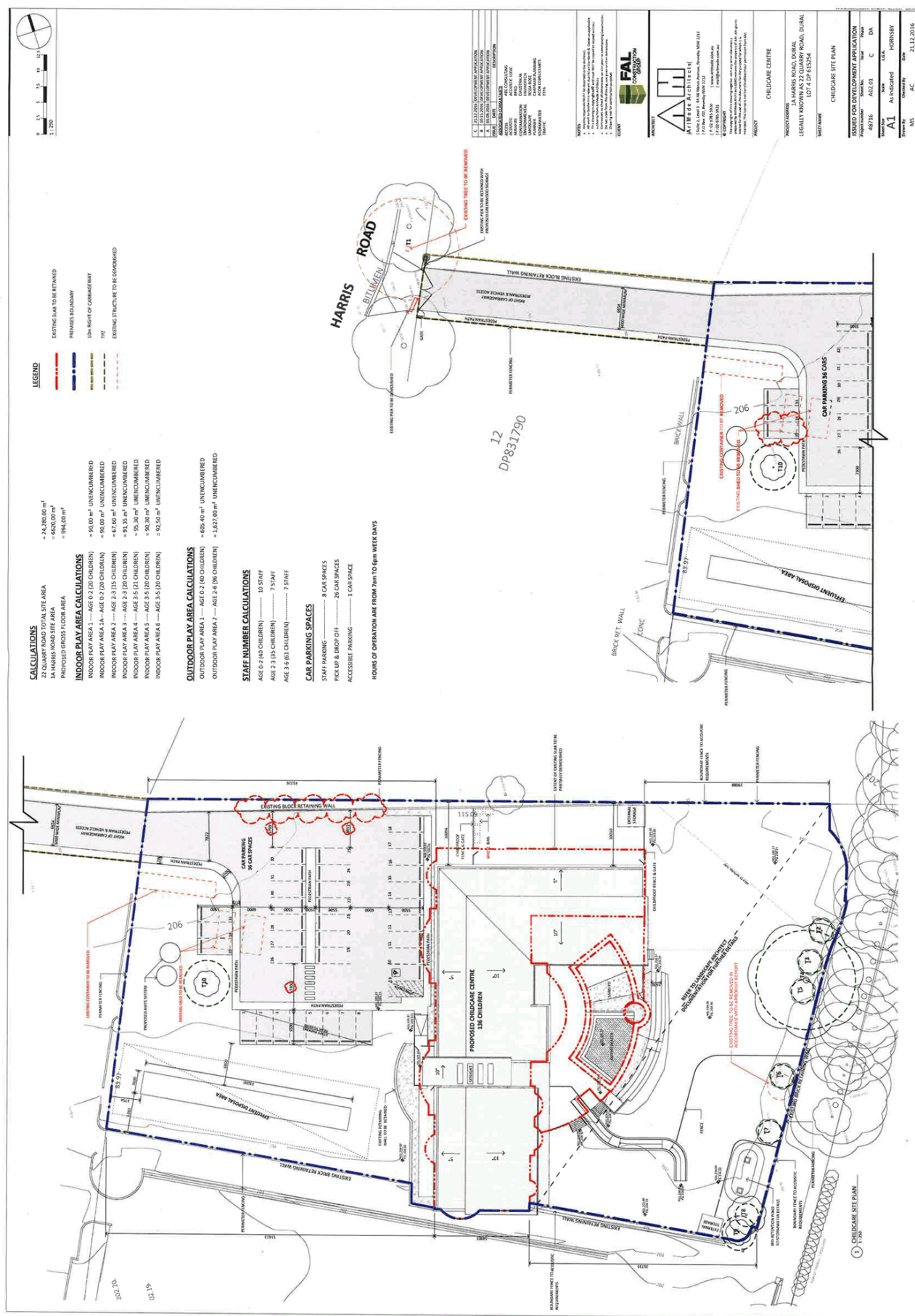


**LOCALITY PLAN**

**DA/1109/2016**

**22 Quarry Road & 1 Harris Road, Dural**





# ATTACHMENT 2 - ITEM 9



ATTACHMENT 3 - ITEM 9

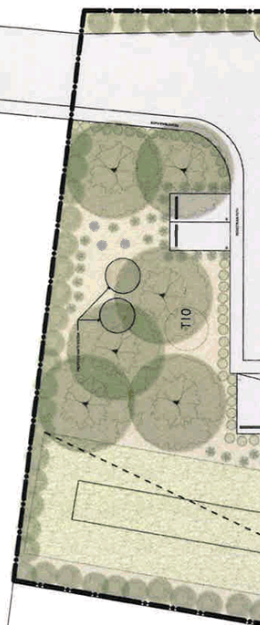
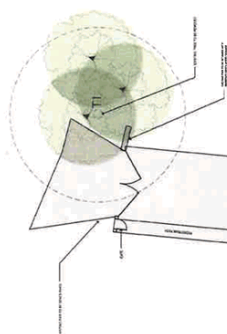


# ATTACHMENT 3 - ITEM 9





# ATTACHMENT 3 - ITEM 9

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**NOTES**

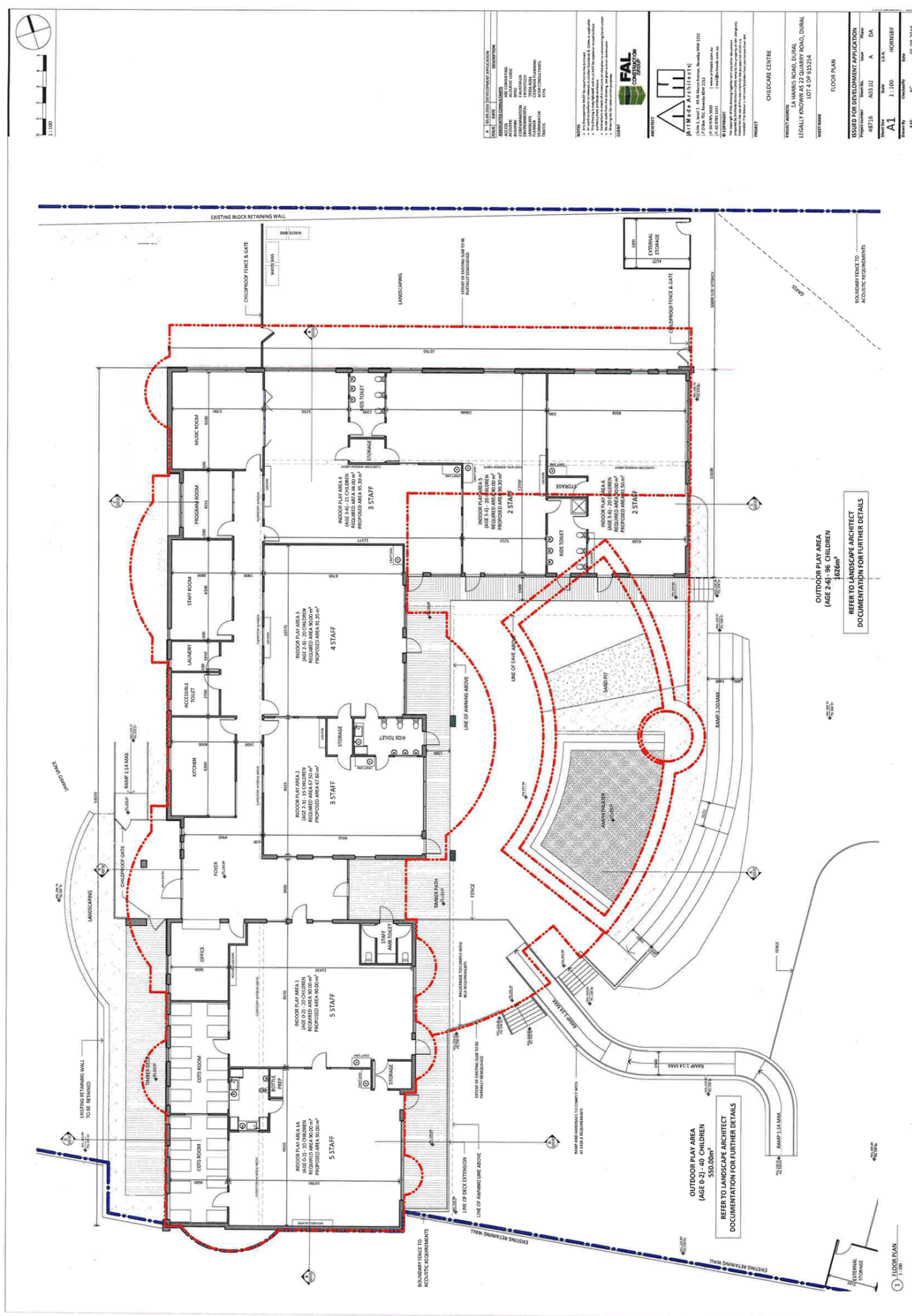
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FINAL  
playspace/landscape design plan - full site

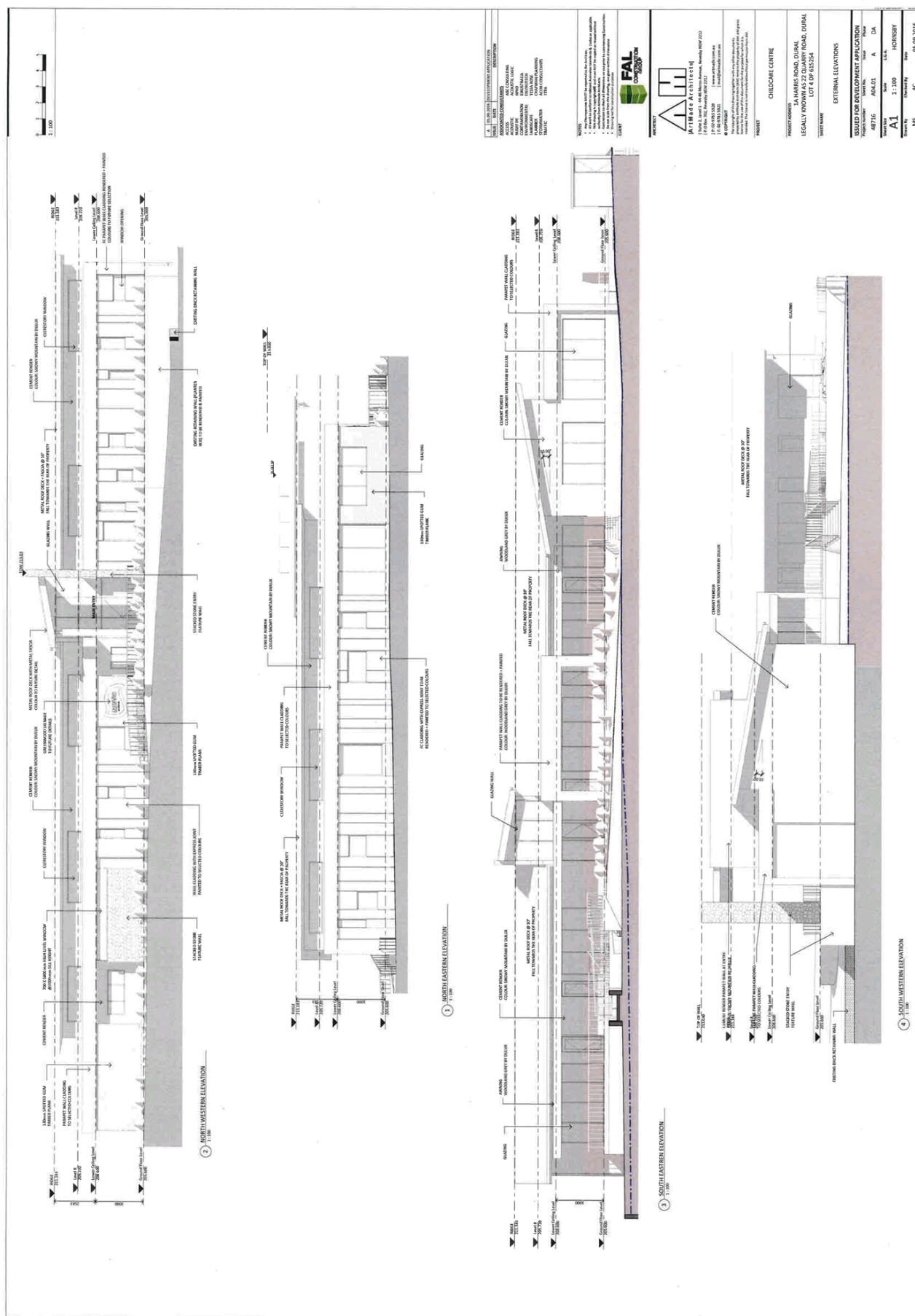




# ATTACHMENT 5 - ITEM 9



# ATTACHMENT 6 - ITEM 9

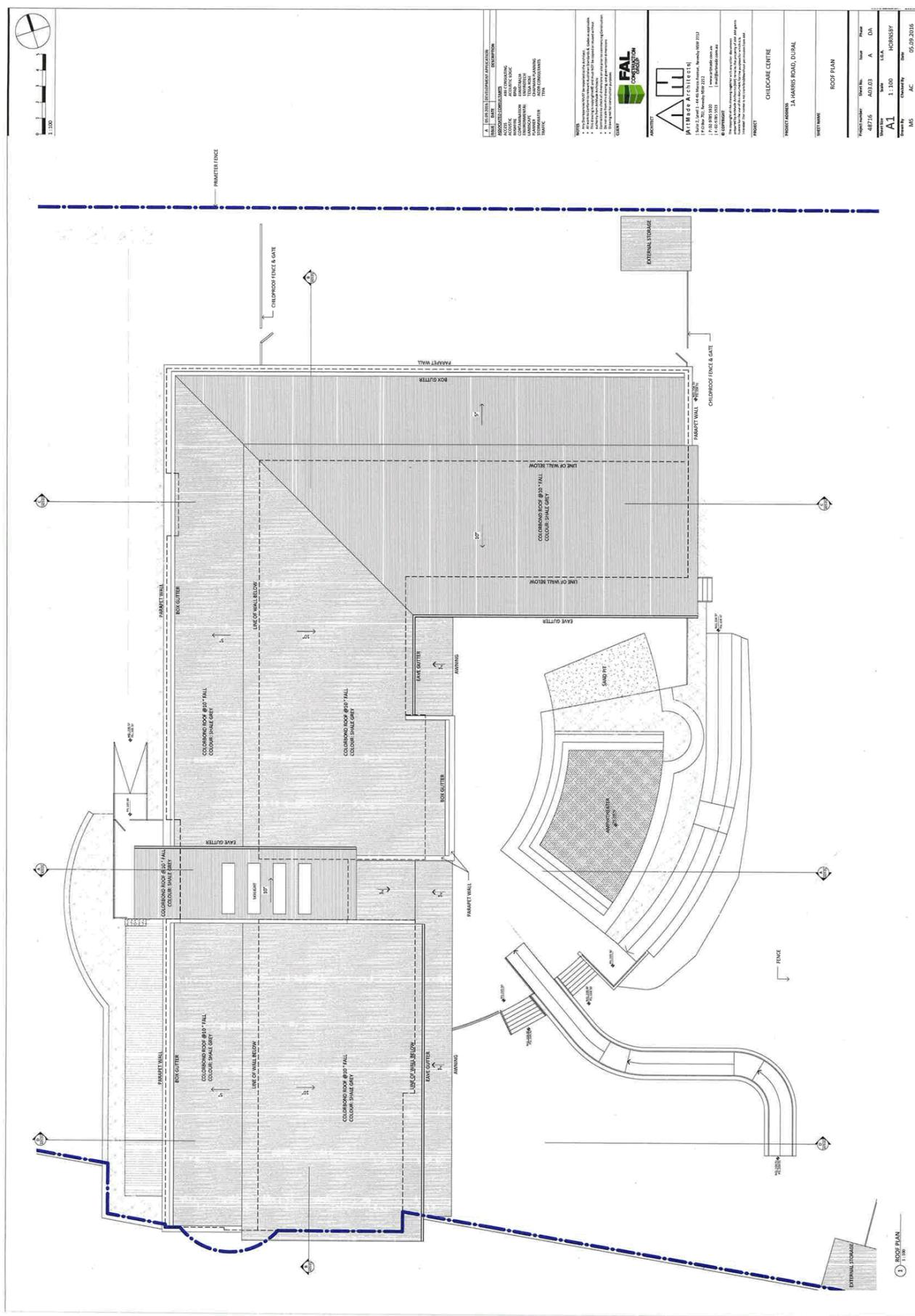


# ATTACHMENT 6 - ITEM 9

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# ATTACHMENT 7 - ITEM 9



# ATTACHMENT 8 - ITEM 9

[illegible]

# ATTACHMENT 9 - ITEM 9





Council. Their names are recorded in the Minutes under the heading "Public Forum – Non Agenda Items."

#### **GENERAL BUSINESS**

##### **OFFICE OF THE GENERAL MANAGER**

Nil

##### **CORPORATE SUPPORT DIVISION**

#### **1 CS4/17 Investments and Borrowings for 2016/17 - Status for Period Ending January 2017**

(F2004/06987-02)

RESOLVED ON THE MOTION OF COUNCILLOR TILBURY, seconded by COUNCILLOR HUTCHENCE,

THAT the contents of Deputy General Manager's Report No. CS4/17 be received and noted.

FOR: COUNCILLORS ANISSE, AZIZI, BERMAN, BROWNE, COX, HUTCHENCE, RUSSELL, SINGH AND TILBURY

AGAINST: NIL

##### **ENVIRONMENT AND HUMAN SERVICES DIVISION**

Nil

##### **PLANNING DIVISION**

#### **2 PL8/17 Development Application - Child Care Centre - 22 Quarry Road and 1 Harris Road, Dural**

(DA/1109/2016)

Note: COUNCILLOR ANISSE declared a Less Than Significant Non-Pecuniary Interest in this Item under Clause 51A of Council's Code of Meeting Practice (see Declarations of Interest in these Minutes). The nature of the interest was stated by COUNCILLOR ANISSE on the Declaration of Interest form as, "The applicant's extended family is known to me," and the explanation of why the interest does not require further action in the circumstances was, "No regular contact or discussion whatsoever with the applicant or his extended family".

Note: COUNCILLOR HUTCHENCE declared a Significant Non-Pecuniary Interest in this Item under Clause 51A of Council's Code of Meeting Practice (see Declarations of Interest in these Minutes). The nature of the interest was stated by COUNCILLOR HUTCHENCE on the Declaration of Interest form as, "The applicant is well known to me". COUNCILLOR HUTCHENCE was not present at, or in sight of, the meeting when the item was being discussed, or voted on.

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Hornsby Shire Council – Minutes of General Meeting of 8 March 2017

ACTING GENERAL MANAGER

CHAIRMAN

**6 PL15/17 Draft State Environmental Planning Policy (Educational Establishments And Childcare Facilities) 2017**

**(F2004/07599)**

RESOLVED ON THE MOTION OF COUNCILLOR BROWNE seconded by COUNCILLOR COX

THAT:

1. A submission be forwarded to the Department of Planning and Environment raising concern with Draft SEPP (Educational Establishments and Childcare Facilities) 2017, and addressing the major issues for Hornsby Shire identified in Group Manager's Report No. PL15/17, including:
  - a) Ensuring the planning controls are consistent with the priorities in the Draft North District Plan to discourage urban development in the primary production rural areas;
  - b) Requiring that significant private school developments are subject to an independent merit assessment to ensure works respond to the existing or desired future character of the locality;
  - c) Amending the design controls for exempt and complying school developments to appropriately respond to a low density residential and rural environment;
  - d) Limiting the extent of school intensification as complying development that has the potential to impact on local road infrastructure; and
  - e) Avoiding and mitigating the clearing of native vegetation.
2. Council prepare and exhibit amendments to the Hornsby Development Control Plan 2013 to provide consistency with SEPP (Educational Establishments and Childcare Facilities) 2017 as gazetted, including removal of the existing cap on the size of child care facilities.

FOR: COUNCILLORS ANISSE, BERMAN, BROWNE, COX, GALLAGHER, HUTCHENCE AND SINGH

AGAINST: NIL

**7 PL17/17 Planning Legislation Updates**

**(F2004/07180-02)**

RESOLVED ON THE MOTION OF COUNCILLOR BROWNE seconded by COUNCILLOR COX

THAT a submission be forwarded to the Department of Planning and Environment indicating Council's general support for the Planning Legislation Updates, subject to the Department addressing the major issues for Hornsby Shire identified in Group Manager's Report No. PL17/17, including:

1. Community Participation Plan Regulation should not fetter Council consultation practices and "public notification" be defined for Statements of Reasons for Decisions as a website notice.
2. Local Strategic Planning Statements be incorporated in LEPs and Regional and District Plans and be reviewed every five years.

---

Hornsby Shire Council – Minutes of General Meeting of 12 April 2017

ACTING GENERAL MANAGER

CHAIRMAN

Page 7

**ATTACHMENT/S**



**REPORT NO. PL21/17**

**ITEM 11**

**1. ATTACHMENT 1 - HORNSBY EAST SIDE STUDY AREA**

Created on 26/04/2017



 <p><b>HORNSBY</b> SHIRE COUNCIL</p>	<p align="center"><b>Hornsby East Side Precinct</b></p>	<p align="center">Map Scale: 1:4000 at A4 Portrait</p>	
<p>Hornsby Shire Council</p> <p>296 Peats Ferry Road HORNSBY NSW 2077 Telephone: 02 9847 6666 Email: <a href="mailto:hsc@hornsby.nsw.gov.au">hsc@hornsby.nsw.gov.au</a></p>	<p><b>Important Notice!</b></p> <p>Dimensions, location of features and boundaries are indicative only, their actual position has not been surveyed. Aerial photography may not align with cadastral boundaries. Hornsby Shire Council accepts no responsibility for any incident arising from any inaccuracy.</p> <p><small>Copyright © Hornsby Shire Council 2016; Aerial Imagery: © nearmap 2013, 2014, 2015, 2016; © The State of New South Wales (Land and Property Information (LPI)); and SKM 2014, © LPI and AAM 2011; © AAM Hatch 2009.</small></p>	<p><b>Projection:</b> GDA94 / MGA zone 56</p>	
		<p><b>Date:</b> 26/04/2017 4:08 PM</p>	

**ATTACHMENT/S**

**REPORT NO. IR2/17**

**ITEM 12**

- 1. ATTACHMENT 1 - TREE PHOTOS - 8 ATTUNGA AVENUE WEST PENNANT HILLS**
- 2. ATTACHMENT 2 - AERIAL LOCATION MAP - 8 ATTUNGA AVENUE WEST PENNANT HILLS**
- 3. ATTACHMENT 3 - LETTER SEEKING RECONSIDERATION OF TREE APPLICATION DECISION**





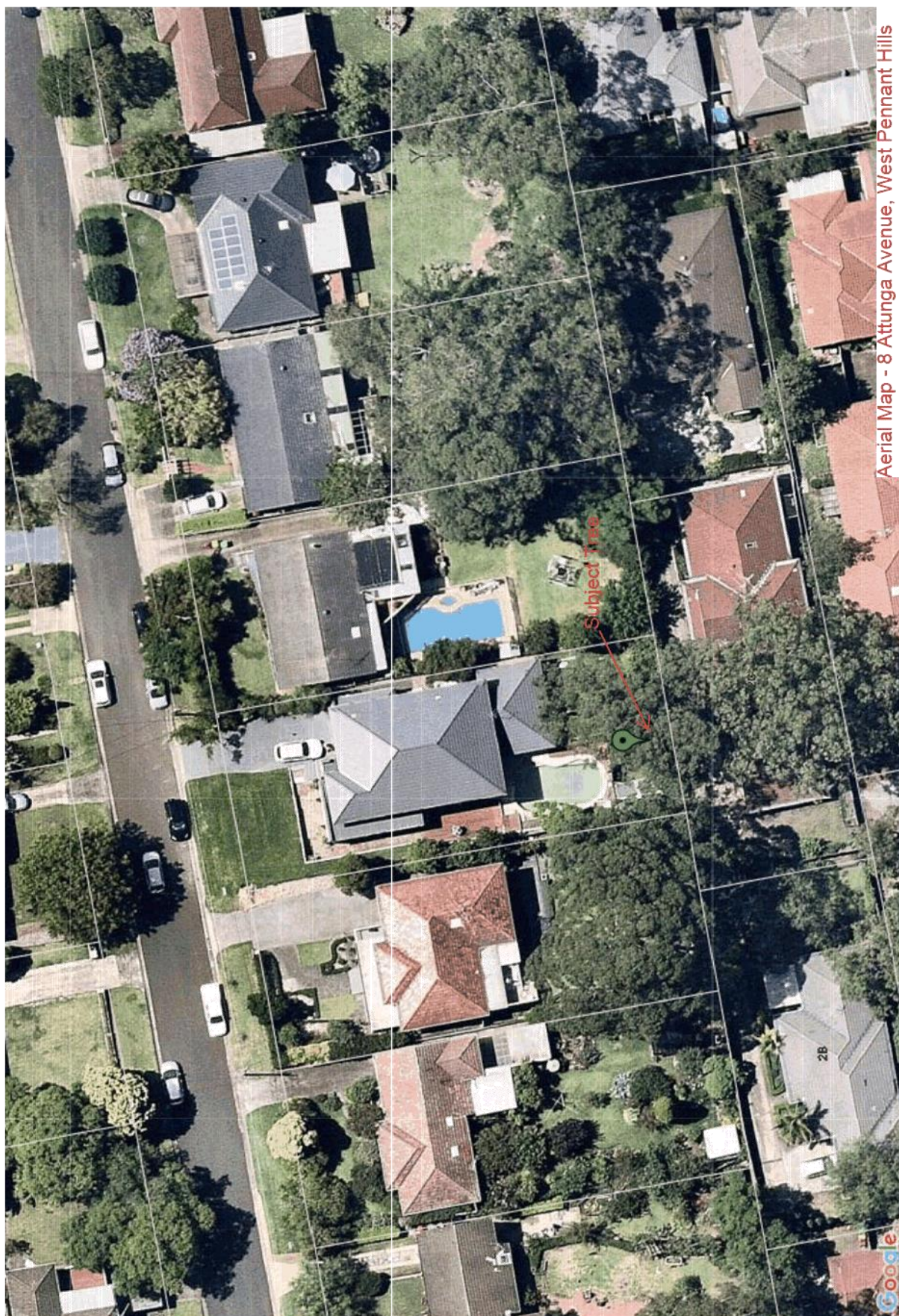
## ATTACHMENT 1 - ITEM 12





## ATTACHMENT 1 - ITEM 12





Aerial Map - 8 Attunga Avenue, West Pennant Hills

## ATTACHMENT 2 - ITEM 12

---

**From:** [REDACTED]  
**Sent:** Saturday, 21 January 2017 6:44 PM  
**Subject:** Councils Duty of Care

21/01/2017

TO THE MAYOR OF HORNSBY COUNCIL,

Dear Mr Russell,

On the 23rd February 2015 an Application for Removal of a lone gum tree at 8 Attunga Avenue, West Pennant Hills, was submitted to Hornsby Council by the [REDACTED] family.

The application was based primarily on the safety of the family, including two children, who would be using the backyard for regular outdoor play, and our knowledge that healthy gum trees, also know as "widow makers," will shed small to large branches unexpectedly and are prone to fall over, as they have no tap root to anchor them, in wet and windy conditions, causing significant damage to property, as happened to a neighbour a few doors down in early 2015.

After paying an Arborist to tell us and you what we already knew, that is, that the tree was healthy, your council declined to allow removal of the tree but gave permission for minimal pruning, which was undertaken.

However, the health of the tree was never the issue. It has always been our primary concern that the children could be injured or worse killed by a falling limb, which almost became the reality this week when in windy conditions a medium size branch fell without warning landing where the children had been playing moments before.

This tree also looms over the inground pool which has been insitu for 30 odd years, if a limb or moderate to large branch should fall to hit someone swimming they could be knocked unconscious and drown. Whilst the children are always supervised in the pool the adults are not.

I find it difficult to comprehend that any council would put tree preservation before health and safety of human life. Surely your council has a **Duty of Care** given it is fully aware, or certainly should be, of the unpredictable and dangerous nature of healthy gum trees.

We appreciate that this is the "Bushland Shire" and is one of the reasons we chose to live here and that gum trees are a beautiful native tree, however, they are not safe in residential areas and we ask that council reconsiders your decision to allows us to remove this tree before death or serious injury to person or damage to property occurs.

My name is [REDACTED] and I reside at 8 Attunga avenue, West Pennant Hills with my daughter, son-in-law [REDACTED] & [REDACTED] (the home owners) and two grandchildren. We look forward to your response.

Yours Sincerely

**ATTACHMENT/S**

**REPORT NO. IR4/17**

**ITEM 13**

- 1. ATTACHMENT 1 - OWNER'S ARBORIST REPORT**
- 2. ATTACHMENT 2 - TREE PHOTO 1**
- 3. ATTACHMENT 3 - TREE PHOTO 2**
- 4. ATTACHMENT 4 - TREE PHOTO 3**
- 5. ATTACHMENT 5 - AERIAL LOCATION MAP - 7  
VICTORY AVENUE**



*Dr Trevor J. Hawkeswood*

[BSc (Hons)(NE), BAppSc (EnvSC)(CSU), BS & MS (AIM), MHSB & MHSM (IMHS), DipArch (CMS),  
PhD (AIM, IMHS, BPI & CU)]

AQF 7 Arborist

**Director, T.J. Hawkeswood Scientific Consulting**

**PO Box 842**

**Richmond NSW 2753**



Consultant for Tree Reports, Vegetation Management Plans, Weed Management Plans, Flora and  
Fauna Reports, Land and Environment Court Cases, Reviews of Environmental Reports

**TO WHOM IT MAY CONCERN**

Re: One *Angophora costata* (Myrtaceae) tree at back yard of 7 Victory Street, Asquith,  
NSW (see Figs. 1-4).

During the morning of 7 February 2017 I made a detailed inspection of the tree at the  
above property.

A SULE analysis was undertaken on the tree noted below. Trees (defined here as being  
usually more than 15 cm d.b.h. = diameter at breast height) were assessed as per the  
procedures outlined in my other tree reports (viz. Hawkeswood, 1998-2012). Trees marked  
with an asterisk (\*) in the list below are introduced species. The condition of trees are  
assessed by arborists using terminology of "good", "medium" or "poor"; good = specimen  
in good healthy condition, not suffering from high stress, without borer damage, without  
major dead branches etc; poor = tree is in poor health, under high stress, sickly, with  
numerous dead branches, losing leaves etc.; medium = condition of tree is somewhere  
between the other two conditions. In addition, the SULE assessment was also applied to  
these trees. This is the Safe Useful Life Expectancy which is a tree assessment procedure  
which gives the length of time that the arborist believes that a particular tree can be  
retained with an acceptable level of risk based on the information available at the time of  
the inspection; SULE ratings are Long (i.e. the tree is retainable for 40 years or more with  
an acceptable level of risk), Medium (i.e. the tree is retainable for 16-39 years), Short (i.e.  
the tree is retainable for 5-15 years) and Removal (i.e. the tree requires immediate  
removal due to imminent hazard or absolute unsuitability). Major branch is defined as  
being 5cm or more in diameter, minor branch less than 5 cm in diameter.

Tree No. 1: *Angophora costata* (Myrtaceae)(Figs. 1-4): 16 m high, 10 m crown diameter,  
single-trunked, 80 cm d.b.h., mature, 45-55 years old; in medium-poor condition, with  
many dead minor branches and many dead major branches; borer damage present in  
trunk and dead branches, hollow present in trunk, scratch marks present; SULE: Removal.  
[N.B. Tree is dangerous due to rotten part of trunk causing weakness and numerous dead  
branches which could cause fatal injuries during falling].

### Comments and Conclusions

The tree is infested with borers and possibly termites in mostly smaller branches in the crown and subcrown. There are some more larger branches which have broken off as a result of borer and possibly fungal attack. Gummosis is prevalent on many parts of the trunk (Fig. 1) and larger branches.

Of more concern is the rotted out part of the trunk which also displays massive gummosis and fungal attack (Fig. 2). There has been a pair of Rainbow Lorikeets nesting in the hollowed out part of the trunk about 4 months ago, but they have left the tree and not returned. An inspection showed a hollowed out cavity heading downwards about 30 cm and no birds present, although there was soft debris from previous nesting material. There are no eggs or chicks present either. The opening to this cavity has since been closed with chicken wire.

The trunk is weakened because of this massive hollowed out area (Fig. 2). The dead numerous branches previously mentioned are an added hazard. The tree shows weak branching structure (Fig. 3) and numerous branches have fallen during the past weeks through "summer branch fall". Since my initial inspection on 7 February 2017, a large termite eaten branch and many smaller branches have dropped from the tree.

The tree also overhangs the neighbouring church yard (Fig. 4).

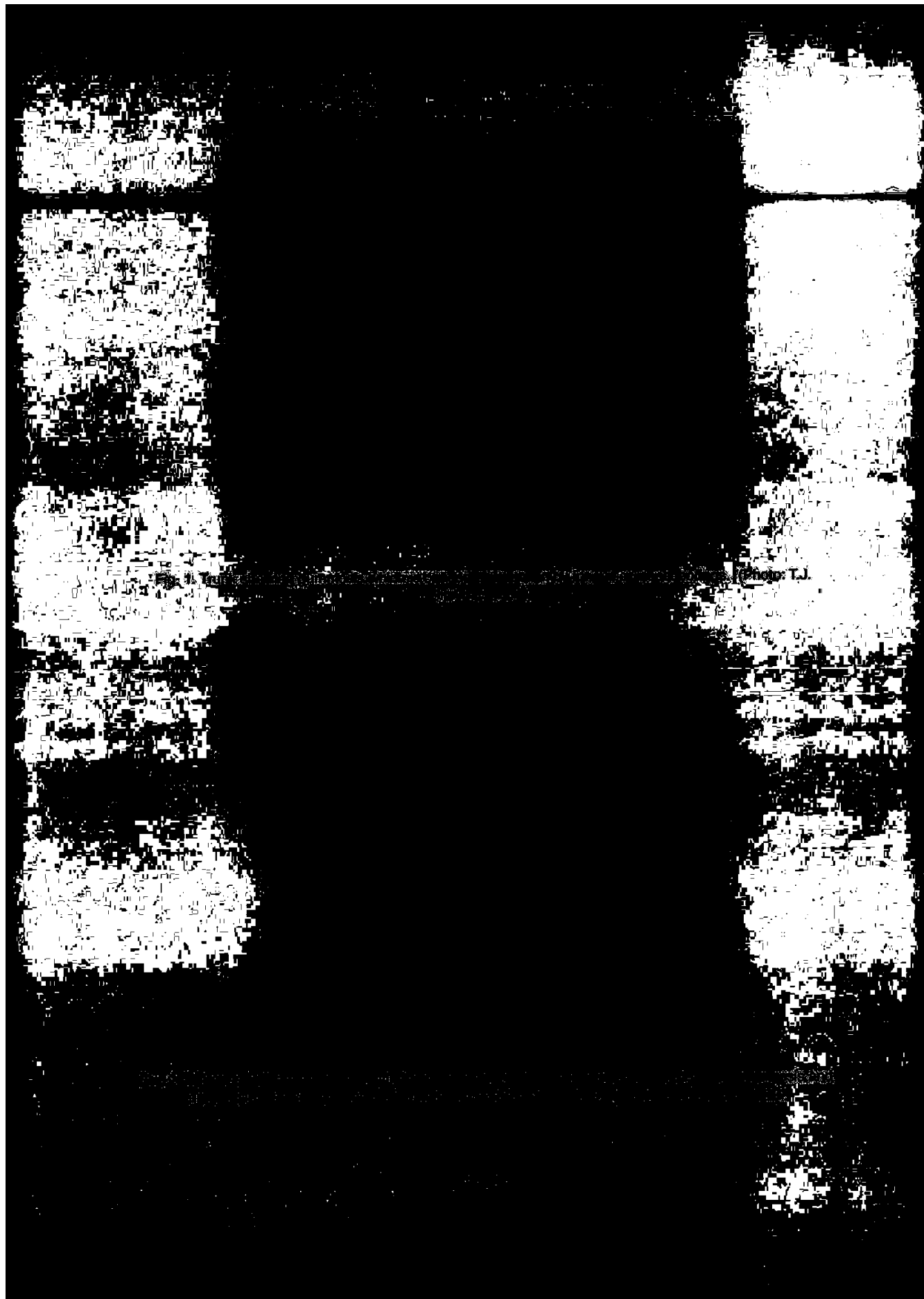
In my professional scientific opinion, the tree is dangerous due to rotten part of trunk causing weakness and the numerous dead branches which could cause fatal injuries during falling.

With all of the above considered, there should be no impediments for the tree to be removed.

I am, Yours faithfully,



(Dr Trevor J. Hawkeswood)  
[(BSc (Hons)(NE), MHsB & MHsM (IMHS), BS (AIM), BAppSc (EnvSc)(CSU), DipArch (CMS), PhD (AIM, IMHS, BPI & CU)] (AQF7-Arborist, Botanist, AQF 8- Entomologist and Environmental Scientist)  
(7 February 2017; revised 10 February 2017)



# ATTACHMENT 1 - ITEM 13



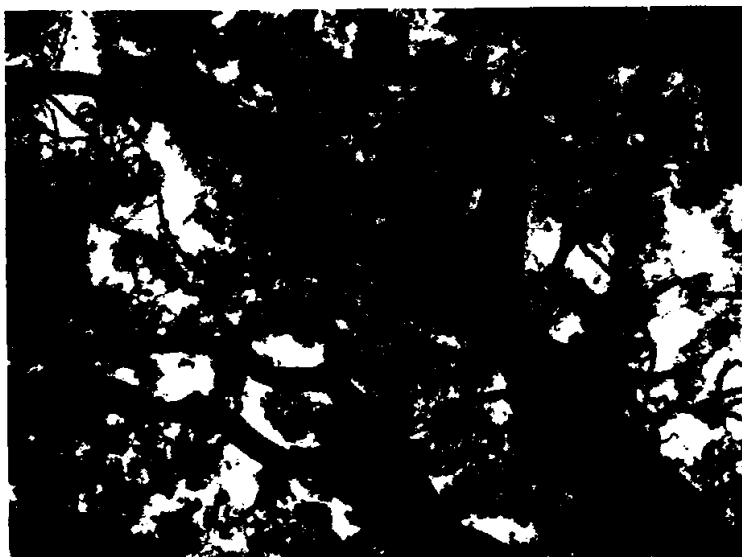


Fig. 3. Photo of the upper canopy of the tree showing dead branches as well as weak branching pattern.  
(Photo: T.J. Hawkeswood).



Fig. 4. Photo of the tree overhanging the neighbouring church backyard. (Photo: T.J. Hawkeswood).





## ATTACHMENT 2 - ITEM 13





## ATTACHMENT 3 - ITEM 13





**ATTACHMENT 4 - ITEM 13**





# ATTACHMENT 5 - ITEM 13