

Attachment C – JWA Response

REPLY TO: BALLINA OFFICE

Ref: AM/N17009/Lw1

5th December 2018

John Fitzgerald
C/- Zone Planning Group
PO Box 3805
Burleigh Town, QLD 4220

Attention: Lance Newley

Dear Lance,

RE: DEVELOPMENT APPLICATION 18/0478 - DEMOLITION OF EXISTING STRUCTURES, TREE REMOVAL, EARTHWORKS, CONSTRUCTION OF DWELLING AND SECONDARY DWELLING AND TWO SWIMMING POOLS AT LOT 1 SP 17328; LOT 2 SP 17328; LOT 256 DP 755740

I refer to the above development application and note that I have reviewed the corresponding request for further information prepared by Tweed Shire Council (TSC) dated 29th August 2018. JWA Pty Ltd have been engaged by the proponent, Mr. John Fitzgerald, to provide responses to the relevant sections of the TSC correspondence. Responses are provided in the following sections.

TSC Issue

- 2. Should you wish to proceed with the application, you are advised to submit revised proposals which complies with the maximum height of building control of 9m which applies to the site, to maintain a setback of 6m to Lagoon Road and 5m to Dune Street, to significantly reduce the proposed vegetation removal and to reduce the height of the fences to Lagoon Road and Dune Street.*

Any revised proposal should also comply with the following:

- Demonstrate long term retention of all stems of *Cryptocarya foetida* (Stinking cryptocarya) as identified on Figure 8 Vegetation Communities in EA 2018 report and any additional stems following further survey (pursuant to Item 3).*

NEW SOUTH WALES

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JWA Response

A total of nineteen (19) stems of *Cryptocarya foetida* have been identified on the site following the additional survey (discussed in Item 3). Of these, fifteen (15) will be retained (ATTACHMENT 1).

A BDAR was completed for the site (JWA 2018) which determined that the loss of the *Cryptocarya foetida* stems would not constitute a significant impact on the species. Regardless, it is recommended that the stems to be impacted be translocated where possible, or alternatively that plants are raised from seed of local provenance and planted as offsets for the four (4) plants to be removed.

TSC Issue

3. *Natural Resource Management Request for Further Information*

c. *Following review of the Biodiversity Development Assessment Report (BDAR) 20-22 Lagoon Road Fingal Head dated May 2018 prepared by JWA Ecological Consultants, Council's Natural Resource Management Unit consider that insufficient steps have been taken during the development design phase to avoid and minimise impacts on native vegetation and habitat. It would appear that adequate developable area is made available within the existing footprint of structures currently occupying the subject site. To accord with the general avoid and minimise principles detailed in the NSW Biodiversity Assessment Method 2017 (BAM) (Section 8) it is considered that future development should be restricted to the existing cleared development footprint established on the site to avoid impact on:*

- i. *Biodiversity values (Section 8.1.1.3(a) of the BAM)*
- ii. *Habitat for species that have a high to very high biodiversity risk weighting (Section 8.1.1.3(c) of the BAM) (see Table 4 of the BDAR for the list of potential species credit species)*
- iii. *Recognised as critically endangered ecological community being Littoral Rainforest and Coastal Vine Thickets of Eastern Australia (as listed within schedules of the Commonwealth Environment Protection and Biodiversity Conservation Act (1999), or an Endangered Ecological Community being Littoral Rainforest in the New South Wales North Coast, Sydney Basin and South East Corner Bioregions (Section 8.1.1.3(c) of the BAM)*

As such the applicant is requested to satisfactorily address Item 2 of the RFI with respect to the development design and layout controls/setbacks.

It is noted that where modifications to the development design are made to comply with Item 2 of the RFI there remain opportunities to avoid exceeding the biodiversity offsets scheme threshold.

JWA Response

The development layout has been revised (**ATTACHMENT 1**) and will no longer impact on areas mapped on the Biodiversity Values Map. It will not result in a level of clearing exceeding the prescribed threshold for properties less than 1 ha in size (i.e. 0.25 ha). The test of significance also indicates no significant impact on any flora or fauna species.

The patch of trees referred to above as “Endangered Ecological Community being Littoral Rainforest in the New South Wales North Coast, Sydney Basin and South East Corner Bioregions” is small and isolated, and occurs in a garden environment. Whilst JWA do not necessarily agree that the vegetation is representative of Littoral rainforest EEC, the design of the proposed development has been revised to ensure the retention of trees in this area (**ATTACHMENT 1**).

The development therefore does not trigger the requirements of the Biodiversity Offsets Scheme.

TSC Issue

3. *Natural Resource Management Request for Further Information*

b. *During a site inspection the following ecological values were noted. Subsequently, further ecological survey is considered warranted as follows:*

- i. *A number of additional stems (to that described in the EA 2018 report) of the state and federally listed threatened species - *Cryptocarya foetida* were recorded. The applicant is therefore requested to conduct further survey to identify those additional stems of *C. foetida*. The location of each stem should be accurately plotted using survey grade equipment and overlaid onto a revised site layout plan demonstrating long term retention and protection.*
- ii. *The area of vegetation identified as ‘Clump 2’ on Figure 9 in the EA 2018 report is considered representative of an EEC being Littoral Rainforest in the New South Wales North Coast, Sydney Basin and South East Corner Bioregions. This unit also comprised two (2) *Cryptocarya foetida* stems. The applicant is requested to have regard for the status of this unit of vegetation and demonstrate long term retention and protection through a revised layout plan.*

JWA Response

All stems of *Cryptocarya foetida* previously recorded from the subject site had been accurately plotted using survey grade equipment, however, several stems had inadvertently been left off the resulting survey plan. This has been rectified and all stems have now been overlaid on the revised development layout (**ATTACHMENT 1**). Access to the area identified as ‘Clump 2’ on Figure 9 in the EA (JWA 2018) was not granted by the current tenants at the time of the initial survey. An additional site inspection was subsequently completed on the 22nd October 2018 by one (1) JWA ecologist once access was approved. The two (2) additional stems of *Cryptocarya foetida* were identified and subsequently plotted using survey grade equipment. These stems have now been overlaid on the revised development layout (**ATTACHMENT 1**).

Whilst JWA do not necessarily agree that this small and isolated patch of trees in a garden environment is representative of Littoral rainforest EEC, the design of the proposed development has been revised to ensure the retention of trees in this area (**ATTACHMENT 1**).

TSC Issue

3. Natural Resource Management Request for Further Information

- c. The position of a number of trees identified on Figure 9 Tree Survey in the EA 2018 report appears to be inaccurate. The precise location of vegetation on urban development lots is considered critical in ensuring that intentions to retain vegetation is realised without issue during the construction and long term operational phase of the development. As such the applicant is requested to verify the position of all previously surveyed trees (and additional *Cryptocarya foetida* individuals) occurring within 10 m of the revised development layout.*

JWA Response

As previously discussed, all stems of *Cryptocarya foetida* previously recorded from the subject site had been accurately plotted using survey grade equipment. The drip-line of the tree canopy had also been accurately surveyed. In addition, all native trees with a dbh \geq 100 mm dbh were located with a hand-held GPS unit and identified to species level.

To satisfy Council, all trees on with a dbh \geq 100 mm dbh have now been accurately plotted using survey grade equipment. Furthermore, Tree Protection Zones (TPZs) have been identified by a suitably qualified arborist and all information overlaid on the revised development layout (**ATTACHMENT 1**).

TSC Issue

- 7. The application was notified and a total of 16 submissions have been received to date. The key issues raised are identified in the table below. Should you wish to proceed with the application, you are invited to response to the issues raised. A copy of the submissions is also attached for your information.*

JWA Response

Biodiversity submissions	Response
Land has high environmental values	The environmental values of the site have been assessed in the Ecological Assessment and BDAR.
Development will result in a significant degradation of flora both on property and adjacent nature strip	A BDAR was completed to assess the impacts of the development, which indicated that no serious or irreversible impacts would result from the proposal. It is noted that the proposal has since been revised to further minimise these impacts, and the total level

Biodiversity submissions	Response
	of clearing no longer exceeds the prescribed threshold for properties less than 1 ha in size (i.e. 0.25 ha). Offset plantings will ensure no overall degradation of flora in the locality.
Replacement planting is not an acceptable solution	Replacement plantings and offsets are an established and acceptable solution under local and state legislation.
<p>Adverse impact on adjacent nationally Critically Endangered Ecological Community - Littoral Rainforest.</p> <p>The mapped area of original remnant littoral rainforest on this site is approximately 681sqm and the proposed development will result in the removal of approximately 236sqm of vegetation including 29 native trees and shrubs of greater than 100mm dbh resulting in huge impacts on the area of less than 1ha of original remnant vegetation at Fingal Head</p>	<p>A BDAR was completed to assess the impacts of the development, which indicated that no serious or irreversible impacts would result from the proposal. It is noted that the proposal has since been revised to further minimise these impacts, and the proposed development no longer impacts on areas mapped on the Biodiversity Values Map. It is also noted that the development does not exceed the prescribed threshold for properties less than 1 ha in size (i.e. 0.25 ha).</p> <p>Offset plantings will ensure no overall degradation of flora in the locality.</p>
Important to maintain the littoral rainforest in the residential areas not specifically protected by SEPP 26 (or superceding Coastal Management SEPP)	Littoral rainforest will be maintained on the site, and that lost will be offset by replacement plantings.
The proposed destruction of the four large endangered <i>Cryptocarya foetida</i> seed trees is a significant loss to the vegetation community	The ecological assessment (JWA 2018) has concluded that the removal of these trees does not constitute a significant impact on this species. Plants removed will either be translocated or replaced.
The threatened White Lace Flower <i>Archidendron hendersonii</i> is present and seeding on the site - this has been incorrectly identified as Laceflower Tree <i>Archidendron grandiflorum</i> in the application	Plants on site were identified by an ecologist with 14 years of botanical experience, most of which has been gained in the northern NSW and southern Queensland coastal environs.
The large Tuckeroos and Gudaghie located between 20 and 22 Lagoon Road provide an important fauna corridor between the remnant vegetation to the east and the	The corridor and habitat value of these trees is considered to be negligible in the context of the locality, as is clearly evident in aerial photographs. It is also noted that

Biodiversity submissions	Response
<p>riparian vegetation to the west. Development will result in unnecessary fragmentation of habitat and fauna corridor</p>	<p>the Cadaghi is not endemic to the locality and is considered to be an environmental weed.</p>
<p>Lack of understanding of 'local provenance' in proposed replanting with seedlings sourced from Noosa Heads</p>	<p>Nowhere has it been proposed to use seedstock from Noosa Heads for planting works. The submitter may have been confused by reference to the text 'Noosa's Native Plants' which notes that the species has been successfully propagated in the past. Seedlings will be of 'local provenance' i.e. sourced from Fingal Head or immediate locality.</p>
<p>29 trees to be removed provide an essential habitat for a variety of fauna including endangered birds and bats. Removal of smaller girthed trees and understorey will also result in loss of fauna habitats</p>	<p>A BDAR was completed to assess the impacts of the development, which indicated that no serious or irreversible impacts would result from the proposal. It is noted that the proposal has since been revised to further minimise these impacts, and the proposed development no longer impacts on areas mapped on the Biodiversity Values Map. It is also noted that the development does not exceed the prescribed threshold for properties less than 1 ha in size (i.e. 0.25 ha).</p> <p>Offset plantings will ensure no overall degradation of flora in the locality.</p>
<p>Mature trees cannot be translocated as suggested in the BDAR</p>	<p>All attempts will be made to translocate existing trees. In the event that this is not possible or successful, replanting of seedlings of local provenance will be undertaken.</p>
<p>The development exceeds the BOS threshold and requires a BDAP and compensatory measures</p>	<p>A BDAR was completed to assess the impacts of the development, which indicated that no serious or irreversible impacts would result from the proposal. It is noted that the proposal has since been revised to further minimise these impacts, and the proposed development no longer impacts on areas mapped on the Biodiversity Values Map. It is also noted that the development does not exceed the prescribed threshold for</p>

Biodiversity submissions	Response
	properties less than 1 ha in size (i.e. 0.25 ha).
Development of this scale will have an unacceptable impact on fragile wetlands and littoral rainforest of Fingal Head	<p>A BDAR was completed to assess the impacts of the development, which indicated that no serious or irreversible impacts would result from the proposal. It is noted that the proposal has since been revised to further minimise these impacts, and the proposed development no longer impacts on areas mapped on the Biodiversity Values Map. It is also noted that the development does not exceed the prescribed threshold for properties less than 1 ha in size (i.e. 0.25 ha).</p> <p>Offset plantings will ensure no overall degradation of flora in the locality.</p>
An area to the east of property which has been planted and maintained by Fingal Head Coastcare has been identified as degraded with a proposal for replanting as a compensatory measures. The area in questions is the site of an old sand mining settling pond and as a result of the remnant pollution, plants do not thrive	Offset plantings are proposed both on and off the site. The exact locations of the plantings is to be determined in consultation with council and other stakeholders. Rehabilitation works have previously taken place to the east of the site and plants in this area have been observed to be in good health.
Concerns that location of two pools close to littoral rainforest will result in tree pruning or removal due to leaf fall	Retained trees will be placed under covenant to ensure their long term protection.
Replanting on western side of site is unlikely as setback so small	It is not proposed to undertake replanting on the western side of the site.
Retaining vegetation in the road reserve and mango tree is not a choice for applicant as they are not on his property - no reference to severe pruning that will be required to facilitate buildings. Severe pruning of mango tree has already left it in poor condition	The mango tree is not a native species and therefore is not of concern from an ecological perspective.

I trust the above responses and attachments provide the additional information necessary for Council to complete their assessment of the development application. Please do not hesitate to contact me if you require any further information.

Yours faithfully,
JWA Pty Ltd

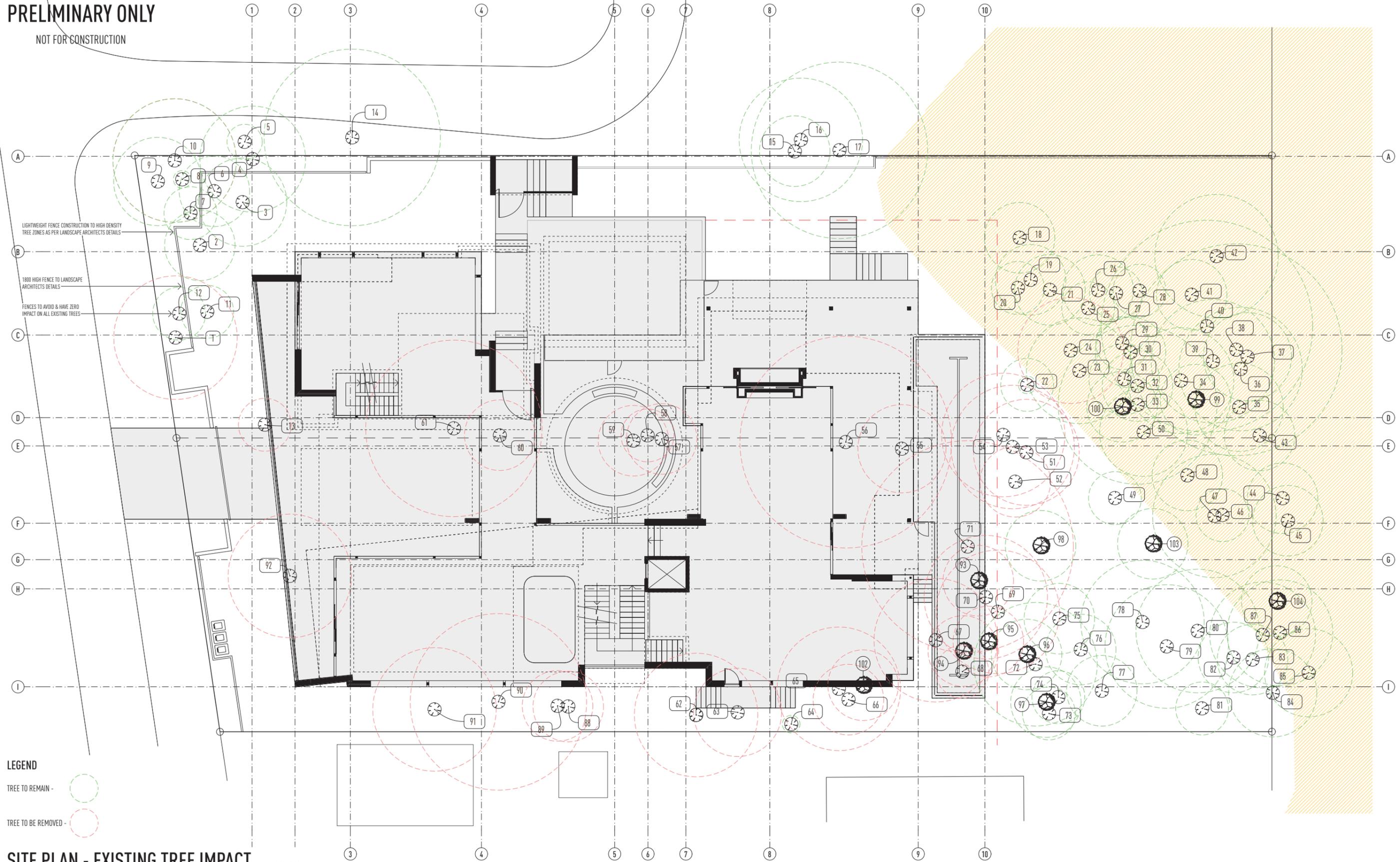
A handwritten signature in black ink, appearing to read 'Adam McArthur', with a long horizontal flourish extending to the right.

Adam McArthur
Director / Principal Ecologist

Attachment 1 - Revised Development Design

PRELIMINARY ONLY

NOT FOR CONSTRUCTION



SITE PLAN - EXISTING TREE IMPACT

1:100 @ A1

LEGEND

TREE TO REMAIN -

TREE TO BE REMOVED -

ISSUE	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
A	19.08.14	ISSUED FOR APPROVAL	J	04.12.18	UPDATED PLANS ISSUED FOR DA APPROVAL
B	08.12.17	ISSUED FOR DA APPROVAL			
C	07.03.18	AMENDED PLANS ISSUED FOR DA APPROVAL			
D	12.04.18	AMENDED PLANS ISSUED FOR DA APPROVAL			
E	02.05.18	AMENDED PLANS ISSUED FOR DA APPROVAL			
F	23.10.18	AMENDED PLANS ISSUED FOR DA APPROVAL			
G	14.11.18	AMENDED PLANS ISSUED FOR DA APPROVAL			
H	22.11.18	AMENDED PLANS ISSUED FOR DA APPROVAL			
I	27.11.18	AMENDED PLANS ISSUED FOR DA APPROVAL			

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PROJECT
PROPOSED NEW RESIDENCE
 AT
20 - 22 LAGOON ROAD, FINGAL HEAD, N.S.W.
 FOR
MR J. FITZGERALD



JAREDPPOOLEDESIGN

LEVEL 1 33 ELKHORN AVENUE
 SURFERS PARADISE, Q. 4217 AUSTRALIA
 PO BOX 42
 ISLE OF CAPRI, Q. 4217 AUSTRALIA
 TEL 07 5527 5300
 EMAIL INFO@JPD.COM.AU
 WEB WWW.JPD.COM.AU

DRAWN	JP / MJ	DRAWING - SITE PLAN - EXISTING TREE IMPACT	ISSUE
DATE	NOV '16	DRAWING No.	J
SCALE	1:100 @ A1	BP827/DA1.05	

POOLE

PRELIMINARY ONLY

NOT FOR CONSTRUCTION

TREE No	COMMON NAME	SCIENTIFIC NAME	HEIGHT	DBH	TPZ RADIUS	CANOPY SPREAD (RADIUS)
1	MUTTONWOOD	MYRSINE VARIABILIS	3m	30cm	3.5m	1m
2	MUTTONWOOD	MYRSINE VARIABILIS	6m	16cm	2m	2m
3	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	8m	21cm (x2)	2.5m	3m
4	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	7m	25cm	3m	4m
5	STINKING CRYPTOCARYA	CRYPTOCARYA FOETIDA	6m	6cm	1m	1m
6	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	9m	16cm	2m	2m
7	MUTTONWOOD	MYRSINE VARIABILIS	6m	13cm	1.5m	1m
8	STINKING CRYPTOCARYA	CRYPTOCARYA FOETIDA	2m	3cm	0.5m	1m
9	MUTTONWOOD	MYRSINE VARIABILIS	12m	21cm (x2)	2.5m	3m
10	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	12m	29cm (x3)	3.5m	5m
11	MUTTONWOOD	MYRSINE VARIABILIS	6m	11cm	1.5m	2m
12	BLUE LILLY PILLY	SYZGIUM OLEOSUM	6m	11cm	1.5m	2m
13	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	8m	14cm	1.5m	4m
14	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	6m	40cm	5m	3m
15	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	7m	15cm	2m	3m
16	CHEESE TREE	GLOCHIDION FERDINANDI	11m	27cm	3.5m	2m
17	MANGO	MANGIFERA INDICA	14m	40cm	5m	3m
18	BANGALOW PALM	ARCHONTOPHOENIX CUNNINGHAMIANA	13m	17cm	2m	3m
19	BANGALOW PALM	ARCHONTOPHOENIX CUNNINGHAMIANA	14m	15cm	2m	2m
20	BANGALOW PALM	ARCHONTOPHOENIX CUNNINGHAMIANA	12m	13cm	1.5m	2m
21	BANGALOW PALM	ARCHONTOPHOENIX CUNNINGHAMIANA	13m	15cm	2m	1m
22	BLUE LILLY PILLY & STINKING CRYPTOCARYA	SYZGIUM OLEOSUM & CRYPTOCARYA FOETIDA	6m & 2.5m	12cm & 2cm (x2)	1.5m & 0.5m	3m & 1m
23	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	17m	25cm	3m	5m
24	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	13m	24cm (x3)	3m	5m
25	BLACK APPLE	POUTERIA AUSTRALIS	11m	11cm	1.5m	2m
26	BANGALOW PALM	ARCHONTOPHOENIX CUNNINGHAMIANA	12m	14cm	2m	1m
27	LARGE MOCK-OLIVE	NOTELAEA LONGIFOLIA	10m	12cm	1.5m	2m
28	BANGALOW PALM	ARCHONTOPHOENIX CUNNINGHAMIANA	14m	11cm	1.5m	2m
29	BANGALOW PALM	ARCHONTOPHOENIX CUNNINGHAMIANA	10m	13cm	1.5m	2m
30	WATER GUM	TRISTANIOPSIS LAURINA	11m	14cm	2m	3m
31	BANGALOW PALM	ARCHONTOPHOENIX CUNNINGHAMIANA	11m	12cm	1.5m	2m
32	BANGALOW PALM	ARCHONTOPHOENIX CUNNINGHAMIANA	8m	15cm	2m	2m
33	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	9m	36cm	4.5m	3m
34	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	16m	25cm	3m	8m
35	BLUE LILLY PILLY	SYZGIUM OLEOSUM	14m	13cm (x3)	2.5m	4m
36	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	16m	23cm (x2)	3.5m	6m
37	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	15m	19cm	2.5m	5m
38	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	16m	27cm (x3)	6m	6m
39	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	17m	19cm (x2)	3.5m	4m
40	SWAMP SHE-OAK	CASUARINA GLAUCA	19m	29cm (x3)	6m	5m
41	BANGALOW PALM	ARCHONTOPHOENIX CUNNINGHAMIANA	13m	15cm	2m	2m
42	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	8m	20cm (x3)	3.5m	5m
43	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	16m	15cm	2m	2m
44	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	14m	16cm	2m	3m
45	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	14m	15cm	2m	3m
46	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	9m	12cm	1.5m	5m
47	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	17m	28cm	3.5m	5m
48	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	7m	16cm	2m	3m
49	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	9m	13cm	1.5m	2m
50	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	11m	18cm	2.5m	3m
51	FLOODED GUM	EUCALYPTUS GRANDIS	12m	26cm	3m	4m
52	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	10m	16cm	2m	3m

TREE No	COMMON NAME	SCIENTIFIC NAME	HEIGHT	DBH	TPZ RADIUS	CANOPY SPREAD (RADIUS)
53	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	11m	28cm	3.5m	3m
54	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	11m	18cm (x2)	3.5m	3m
55	SWAMP MAHOGANY	EUCALYPTUS ROBUSTA	13m	22cm	2.5m	3m
56	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	11m	27cm (x4)	6m	5m
57	SMALL-LEAVED LAUREL	FICUS OBLIQUA	9m	17cm	2m	3m
58	BANGALOW PALM	ARCHONTOPHOENIX CUNNINGHAMIANA	6m	14cm	1.5m	2m
59	NARROW-LEAVED IRONBARK	EUCALYPTUS CREBRA	6m	18cm	2m	2m
60	BLUE LILLY PILLY	SYZGIUM OLEOSUM	6m	16cm	2m	2m
61	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	7m	23cm (x3)	5m	3m
62	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	10m	19cm (x2)	3.5m	4m
63	STINKING CRYPTOCARYA	CRYPTOCARYA FOETIDA	6m	11cm (x2)	2.5m	3m
64	STINKING CRYPTOCARYA	CRYPTOCARYA FOETIDA	4m	4cm	0.5m	1m
65	BROAD-LEAVED LILLY PILLY	ACMENA HEMILAMPRA	5m	19cm	3.5m	2m
66	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	10m	17cm	2m	3m
67	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	11m	32cm	3.5m	6m
68	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	8m	14cm	1.5m	4m
69	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	10m	18cm (x3)	3.5m	4m
70	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	11m	19cm (x2)	3.5m	4m
71	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	12m	33cm (x2)	6m	5m
72	RIBBONWOOD	EUROSCHINUS FALCATUS	14m	31cm	3.5m	5m
73	TUCKEROD	CUPANIOPSIS ANACARDIOIDES	6m	15cm	1.5m	2m
	STINKING CRYPTOCARYA	CRYPTOCARYA FOETIDA	4m	4cm	2m	1m
74	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	12m	13cm	1.5m	3m
	STINKING CRYPTOCARYA	CRYPTOCARYA FOETIDA	1.5m	1cm	2m	0.5m
75	SCRUB OOLINE	GUILFOYLIA MONOSTYLIS	11m	19cm	2m	4m
76	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	9m	19cm	2m	3m
	STINKING CRYPTOCARYA	CRYPTOCARYA FOETIDA	1.75m	1cm	2m	0.5m
77	BEACH ALECTRYON	ALECTRYON CORIACEOUS	6m	17cm	2m	3m
78	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	11m	18cm (x2)	3.5m	4m
79	SCRUB OOLINE	GUILFOYLIA MONOSTYLIS	11m	20cm (x3)	3.5m	3m
80	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	11m	19cm (x2)	3.5m	3m
81	MORETON BAY ASH	CORYMBIA TESSELLARIS	11m	15cm	1.5m	2m
82	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	9m	17cm	2m	2m
83	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	14m	19cm	2m	3m
84	BEACH ACRONYCHIA	ACRONYCHIA IMPERFORATA	8m	12cm (x3)	2.5m	4m
85	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	14m	22cm	2.5m	3m
86	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	15m	26cm	3m	4m
87	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	16m	27cm	3m	8m
88	THREE-VEINED LAUREL	CRYPTOCARYA TRIPLINERIS VAR. TRIPLINERIS	8m	16cm	2m	2m
89	LOLLY BUSH	CLERODENDRUM FLORIBUNDUM	6m	16cm	2m	2m
90	THIN-LEAVED COONDOO	PLANCHONELLA CHARTACEA	9m	24cm (x3)	5m	4m
91	LOLLY BUSH	CLERODENDRUM FLORIBUNDUM	8m	18cm (x2)	3.5m	2m
92	BLUE LILLY PILLY	SYZGIUM OLEOSUM	12m	33cm	3.5m	5m
93	STINKING LAUREL	CRYPTOCARYA FOETIDA	7m	6cm	2m	2m
94	STINKING LAUREL	CRYPTOCARYA FOETIDA	5m	5cm (x2)	2m	2m
95	STINKING LAUREL	CRYPTOCARYA FOETIDA	1m	N/A	2m	0.5m
96	STINKING LAUREL	CRYPTOCARYA FOETIDA	8m	6cm	2m	2m
97	STINKING LAUREL	CRYPTOCARYA FOETIDA	2m	1cm	2m	0.5m
98	STINKING LAUREL	CRYPTOCARYA FOETIDA	7m	8cm	2m	1m
99	STINKING LAUREL	CRYPTOCARYA FOETIDA	5m	3cm	2m	1m
100	STINKING LAUREL	CRYPTOCARYA FOETIDA	1m	N/A	2m	0.5m
101	STINKING LAUREL (OFF SITE & NOT SHOWN ON PLAN)	-	-	-	-	-
102	STINKING LAUREL	CRYPTOCARYA FOETIDA	4m	4cm	2m	1m
103	STINKING LAUREL	CRYPTOCARYA FOETIDA	1m	N/A	2m	0.5m
104	STINKING LAUREL	CRYPTOCARYA FOETIDA	10m	6cm	2m	2m

EXISTING TREE SCHEDULE

NTS @ A1

ISSUE	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
A	19.08.14	ISSUED FOR APPROVAL	J	04.12.18	UPDATED PLANS ISSUED FOR DA APPROVAL
B	08.12.17	ISSUED FOR DA APPROVAL	K	05.12.18	EXISTING TREE SCHEDULE UPDATED
C	07.03.18	AMENDED PLANS ISSUED FOR DA APPROVAL			
D	12.04.18	AMENDED PLANS ISSUED FOR DA APPROVAL			
E	02.05.18	AMENDED PLANS ISSUED FOR DA APPROVAL			
F	23.10.18	AMENDED PLANS ISSUED FOR DA APPROVAL			
G	14.11.18	AMENDED PLANS ISSUED FOR DA APPROVAL			
H	22.11.18	AMENDED PLANS ISSUED FOR DA APPROVAL			
I	27.11.18	AMENDED PLANS ISSUED FOR DA APPROVAL			

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PROJECT
PROPOSED NEW RESIDENCE
AT
20 - 22 LAGOON ROAD, FINGAL HEAD, N.S.W.
FOR
MR J. FITZGERALD

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DRAWN	JP / MJ	DRAWING - EXISTING TREE SCHEDULE
DATE	NOV '16	DRAWING No.
SCALE	@ A1	BP827/DA1.06

POOLE

ISSUE
K