



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2023/1403

Date: 7 December 2023



Arboricultural Tree Survey

Weinam Creek Priority Development Area, Redland Bay

Client: Redlands Investment Corporation

Contact: Jarrod Belle

Email: jarrod.b@codicote.com.au

Site: Weinam Creek, Redland Bay

Phone: 0403-189-180

Legal Title: n/a

Application Ref: n/a

Redlands Tree Service

92 Giles Rd, Redland Bay, 4665

Consulting Arborist: Andrew Stovell

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Introduction

Tree survey of trees associated with the temporary carpark for the Weinam Creek Priority Development Area.

Scope

- Provide a simple tree survey that shows the tree species, status & health, height, diameter at breast height, and canopy spread.

Methodology

All trees were assessed from ground level. Redlands Tree Service arborists have followed industry best practice in the assessment of the trees included in this report.

TreePlotter program is used to gather the tree information.

Documents Referenced

AS 4970 Protection of trees on development sites

Plan of Development Area, i.e. *Existing Features and Key Plan, Design Details – Sheet 1*, and *Design Details – Sheet 2* (as attached)

Statement of Limitations

The assessment was undertaken by an AQF Level V (Diploma) Arborist. The assessment included only those trees as within the site plan and tables provided. The assessment was based on the observations made at the time of inspections and information provided by the client in relation to proposed site activities. Any conclusions reached or tree works recommended do not imply that the trees will withstand adverse natural conditions (e.g., cyclone or drought) or other works carried out on or near them, including accidental or unpredicted damage from construction, land development or maintenance activities.

Changes in the trees brought about by subsequent severe weather events, accidental or deliberate damage, mismanagement, sudden changes in tree health or by changes to the growing conditions, may impact on the validity of the conclusions. This report/survey is not a guarantee, but a professional opinion of the current condition of the trees, and appropriate management options.

Site Visit

Site was reviewed on the 14th of July 2023. 35 specific trees (of a total of 57) were reviewed as the most likely impacted by the proposed development. All trees and their details can be found in Tree Map and referenced in the Tree Data table.



Discussion

Trees 1 to 6 and Trees 40 to 54 are outside of the proposed car park but they are contained within the tree protection zones (TPZ) of other trees that require work. It is expected that no disturbance in this area will occur due to the bitumen in this area. If a disturbance is expected, then AS4970 *Protection of trees on development sites* will need to be implemented by the Project Arborist.

Tree 49 is noted as having many White Punk (*Laetiporus portentosus*) fruiting bodies. There are also many hollows and this is an active nesting tree. Tree inspection and possible reduction of the upper crown at this stage is recommended due to the proximity of parked cars.

Trees 7 to 39 and Trees 55 to 57 are within the proposed temporary car park and will need to be removed.

Recommendations

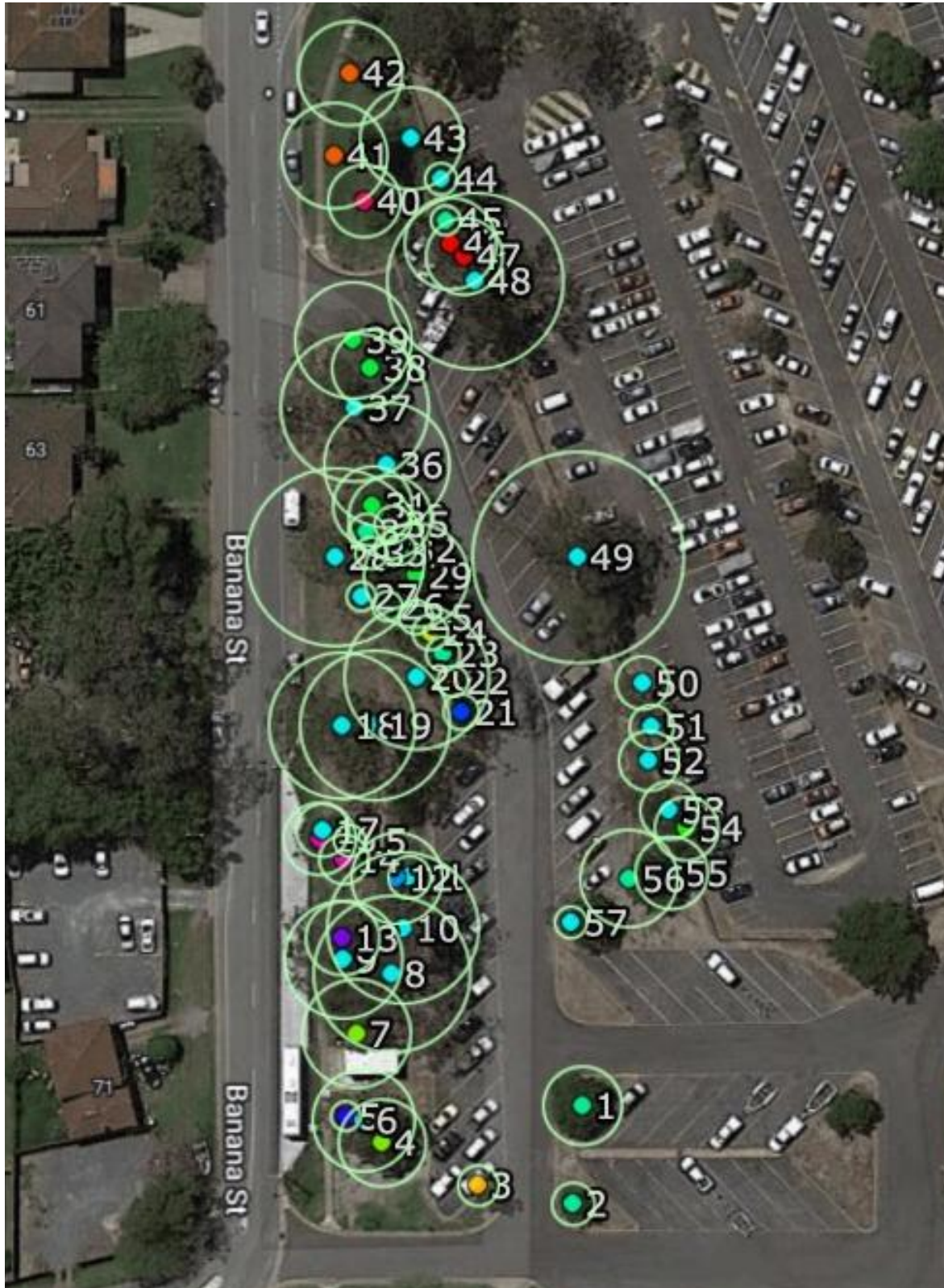
Remove all trees associated with the temporary car park. A spotter catcher will be required to ensure there are no nesting birds prior to tree removal. Also present on the day during tree clearing.

Tree 49 will require an aerial tree inspection and possible reduction of the upper crown at this stage due to the proximity of parked cars.

Andrew Stovell

Dip Arb. ISA Cert. 0046au
Certified Arborist

Tree Map



Tree Data

Tree Id	Common Name	Botanical Name	Tree Age/Cycle	Status	Health	TH ¹ [m]	DBH ² [cm]	TPZ ³ [m]	CS ⁴ [m]
1	Tuckeroo	<i>Cupaniopsis anacardioides</i>	Semi-mature	Alive	Poor	4	44.6	5.4	6
2	Tuckeroo	<i>Cupaniopsis anacardioides</i>	Semi-mature	Alive	Poor	3	24.2	2.9	4
3	Coast Banksia	<i>Banksia integrifolia</i>	Semi-mature	Alive	Fair	4	23.0	2.8	5
4	Weeping Bottlebrush	<i>Callistemon viminalis</i>	Semi-mature	Alive	Fair	4	49.5	5.9	9
5	Glasshouse Mountains Tea Tree	<i>Leptospermum luehmannii</i>	Semi-mature	Alive	Fair	3	16.2	2.0	3
6	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Fair	15	58.0	7.0	11
7	Weeping Bottlebrush	<i>Callistemon viminalis</i>	Semi-mature	Alive	Fair	5	61.8	7.4	12
8	Blue Gum	<i>Eucalyptus tereticornis</i>	Mature, Habitat hollows	Alive	Fair	19	89.0	10.7	15
9	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Fair	17	67.0	8.0	12
10	Blue Gum	<i>Eucalyptus tereticornis</i>	Mature	Alive	Fair	24	86.0	10.3	13
11	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Fair	11	24.0	2.9	6
12	Moreton Bay Fig	<i>Ficus macrophylla</i>	Semi-mature	Alive	Fair	5	51.7	6.2	9
13	Black Tea Tree	<i>Melaleuca bracteata</i>	Semi-mature	Alive	Poor	6	41.8	5.0	7
14	Prickly Paperbark	<i>Melaleuca styphellioides</i>	Semi-mature	Alive	Fair	7	28.0	3.4	5
15	Tuckeroo	<i>Cupaniopsis anacardioides</i>	Semi-mature	Alive	Fair	5	17.8	2.1	4
16	Prickly Paperbark	<i>Melaleuca styphellioides</i>	Semi-mature	Alive	Fair	10	41.0	4.9	7
17	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Fair	11	30.0	3.6	6
18	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature, Habitat hollows	Alive	Fair	27	83.0	10.0	11
19	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Fair	27	85.0	10.2	13

¹ Tree Height (Estimated)

² Diameter at Breast Height

³ Tree Protection Zone

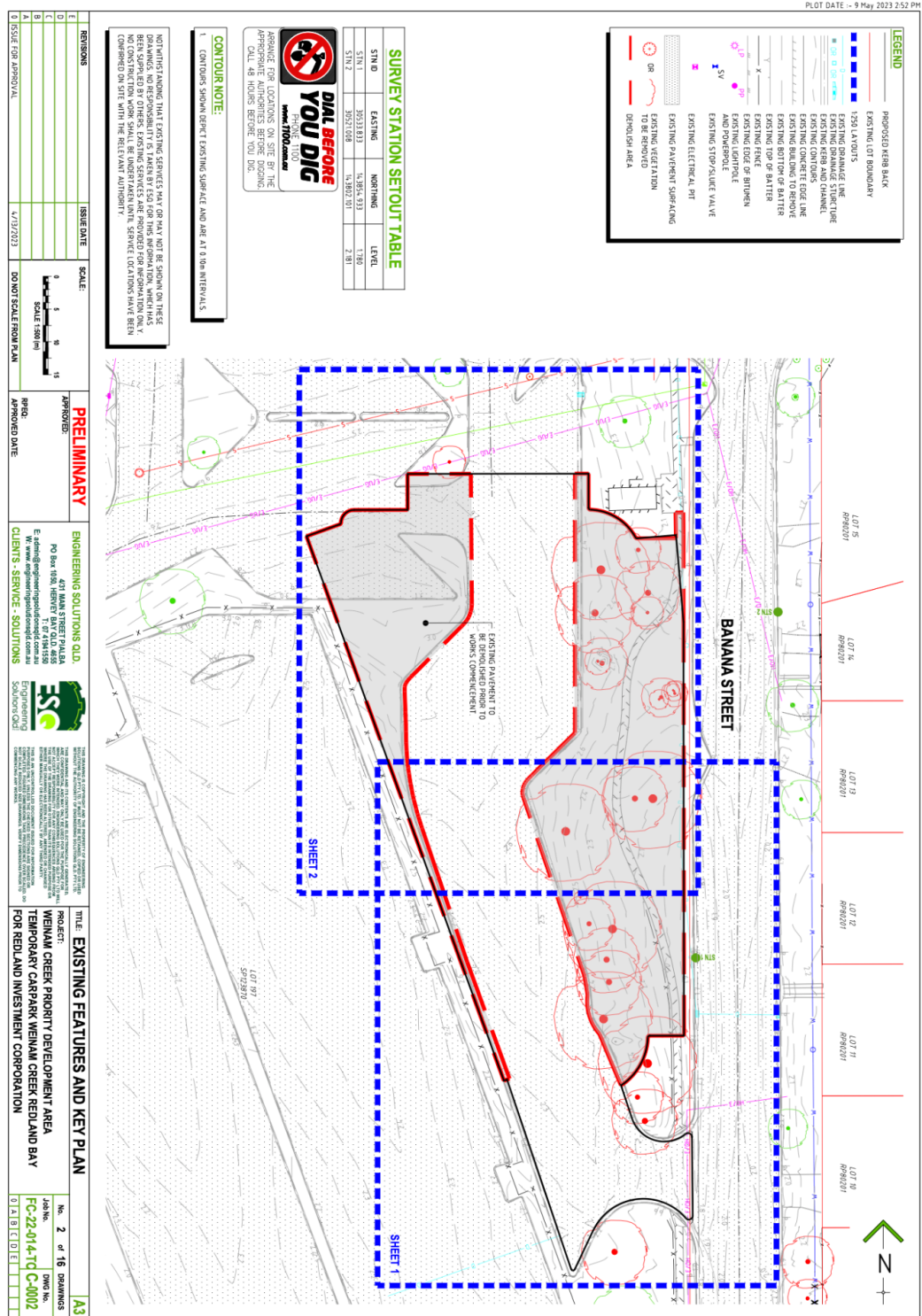
⁴ Canopy Spread

Tree Id	Common Name	Botanical Name	Tree Age/Cycle	Status	Health	TH ¹ [m]	DBH ² [cm]	TPZ ³ [m]	CS ⁴ [m]
20	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Fair	27	82.0	9.8	16
21	Cotton Tree	<i>Hibiscus tiliaceus</i>	Semi-mature	Alive	Fair	4	20.0	2.4	4
22	Pink Bottlebrush	<i>Callistemon Eureka</i>	Semi-mature	Alive	Fair	3	17.3	2.1	4
23	Tuckeroo	<i>Cupaniopsis anacardioides</i>	Semi-mature	Alive	Fair	5	19.2	2.3	4
24	Pink Bottlebrush	<i>Callistemon Eureka</i>	Semi-mature	Alive	Fair	3	20.0	2.4	3
25	Tuckeroo	<i>Cupaniopsis anacardioides</i>	Semi-mature	Alive	Fair	6	19.2	2.3	3
26	Tuckeroo	<i>Cupaniopsis anacardioides</i>	Semi-mature	Alive	Fair	6	15.0	2.0	3
27	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Fair	8	16.0	2.0	3
28	Blue Gum	<i>Eucalyptus tereticornis</i>	Mature, Habitat hollows	Alive	Fair	31	101.0	12.1	16
29	Spotted Gum	<i>Corymbia variegata</i>	Semi-mature	Alive	Fair	14	59.0	7.1	11
30	Spotted Gum	<i>Corymbia variegata</i>	Semi-mature	Alive	Fair	15	47.0	5.6	11
31	Spotted Gum	<i>Corymbia variegata</i>	Semi-mature	Alive	Fair	15	45.0	5.4	10
32	Tuckeroo	<i>Cupaniopsis anacardioides</i>	Semi-mature	Alive	Fair	4	17.3	2.1	4
33	Snow-in-summer	<i>Melaleuca linariifolia</i>	Semi-mature	Alive	Fair	3	18.0	2.2	3
34	Tuckeroo	<i>Cupaniopsis anacardioides</i>	Semi-mature	Alive	Fair	4	20.6	2.5	5
35	Pink Bottlebrush	<i>Callistemon Eureka</i>	Semi-mature	Alive	Fair	5	20.6	2.5	2
36	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Decline Spiral	22	71.0	8.5	16
37	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature, Habitat hollows	Alive	Fair	29	84.0	10.1	17
38	Spotted Gum	<i>Corymbia variegata</i>	Semi-mature	Alive	Fair	15	44.0	5.3	11
39	Spotted Gum	<i>Corymbia variegata</i>	Semi-mature	Alive	Fair	16	66.0	7.9	15
40	Slash Pine	<i>Pinus elliotii</i>	Semi-mature	Alive	Fair	12	41.0	4.9	9
41	Norfolk Island Pine	<i>Araucaria heterophylla</i>	Semi-mature	Alive	Fair	15	60.0	7.2	10

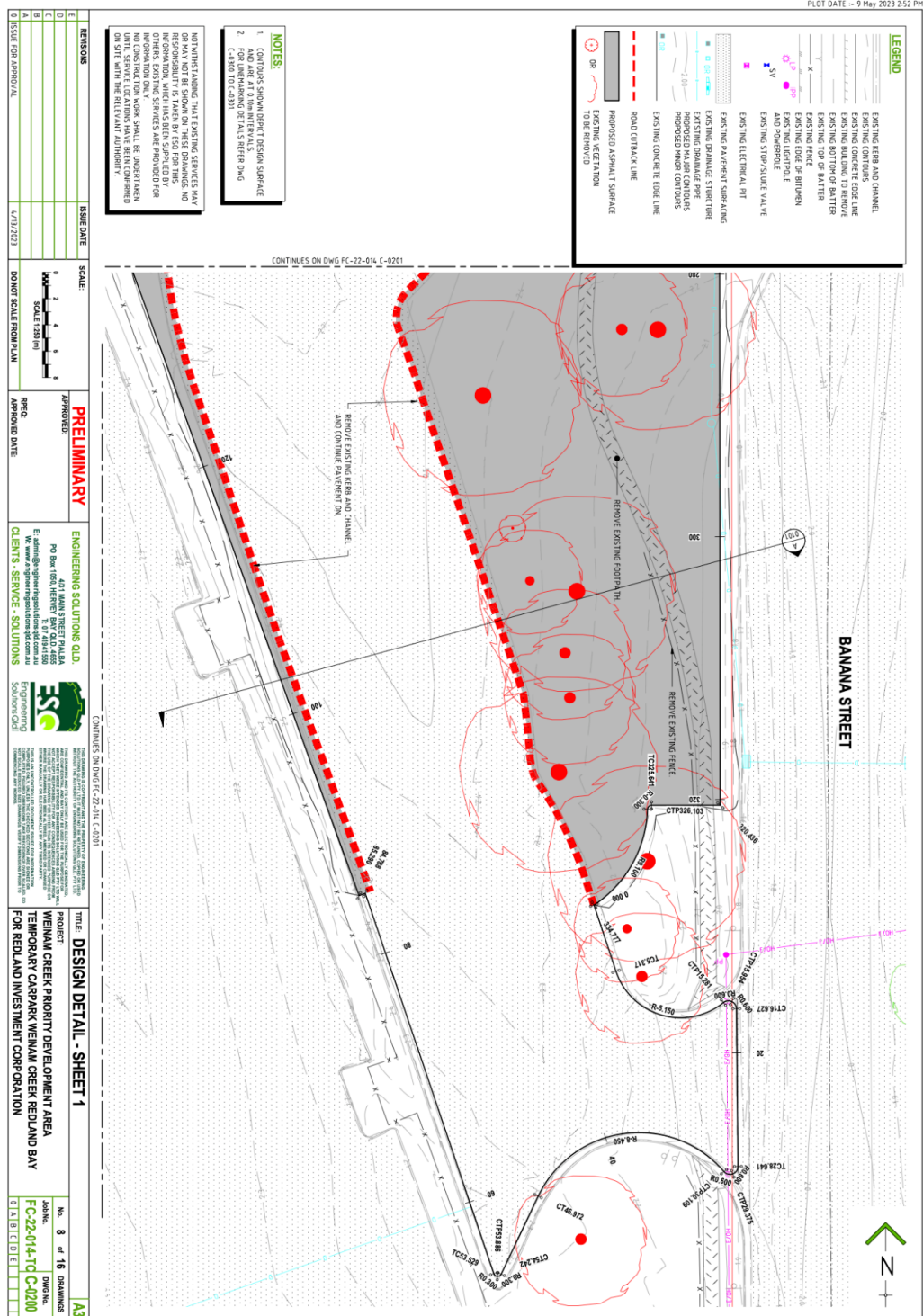
Tree Id	Common Name	Botanical Name	Tree Age/Cycle	Status	Health	TH ¹ [m]	DBH ² [cm]	TPZ ³ [m]	CS ⁴ [m]
42	Norfolk Island Pine	<i>Araucaria heterophylla</i>	Semi-mature	Alive	Decline Spiral	16	59.0	7.1	9
43	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Fair	14	58.0	7.0	12
44	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Fair	9	18.0	2.2	4
45	Tuckeroo	<i>Cupaniopsis anacardioides</i>	Semi-mature	Alive	Fair	5	15.0	2.0	5
46	Black Wattle	<i>Acacia concurrens</i>	Semi-mature	Alive	Poor	7	52.0	6.2	9
47	Black Wattle	<i>Acacia concurrens</i>	Semi-mature	Alive	Poor	7	43.4	5.2	10
48	Blue Gum	<i>Eucalyptus tereticornis</i>	Mature, Habitat hollows	Alive	Poor	29	100.0	12.0	19
49	Blue Gum	<i>Eucalyptus tereticornis</i>	Mature, Habitat hollows	Alive	Fair	29	120.0	14.4	122
50	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Fair	11	30.0	3.6	8
51	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Fair	6	25.0	3.0	
52	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Fair	12	34.0	4.1	7
53	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Fair	11	33.0	4.0	6
54	Cadaghi	<i>Corymbia torelliana</i>	Semi-mature	Alive	Fair	7	36.0	4.3	6
55	Moreton Bay Fig	<i>Ficus macrophylla</i> hb	Semi-mature	Alive	Fair	5	41.1	4.9	11
56	Tuckeroo	<i>Cupaniopsis anacardioides</i>	Semi-mature	Alive	Fair	6	55.2	6.6	12
57	Blue Gum	<i>Eucalyptus tereticornis</i>	Semi-mature	Alive	Fair	7	18.0	2.2	6



Technical Drawing 1



Technical Drawing 2



Technical Drawing 3

