

2-4 TREE SURVEY & REMOVAL PLAN



- LEGEND**
- ☐ TREES TO BE RETAINED
 - ☒ TREES TO BE REMOVED
 - AC** ALLOCASTURNA LITTORALIS (POTENTIAL GLOSSY BLACK COCKATOO FORAGING RESOURCE)
 - BB** LOPHOSTEMON CONFERTUS
 - BG** EUCALYPTUS TERREI/CORNIS (POTENTIAL SQUIRREL GLIDER FORAGING RESOURCE - WINTER NECTAR)
 - BW** CORYMBIA INTERMEDIA (POTENTIAL SQUIRREL GLIDER FORAGING RESOURCE - SAFE AND SUMMER NECTAR)
 - FG** FICUS OBLIQUA
 - G** PERSOONIA CORNIFOLIA
 - SB** LOPHOSTEMON SYLVEOLENS
 - SM** EUCALYPTUS ROBUSTA (POTENTIAL SQUIRREL GLIDER FORAGING RESOURCE - WINTER NECTAR)
 - P** MEALAEUCA QUINQUEMNERVIA
 - W** ACCACIA SOPHORAE
 - HOLLOW** TREES WITH HOLLOW

PROJECT TITLE 156 CREEK STREET HASTINGS POINT		SCALE 1:500 @ FULL SIZE A1		DATE FEBRUARY 2010		CLIENT WALTER ELLIOT HOLDINGS PTY LTD	
DRAWING TITLE TREE CLEARING PLAN		DESIGN -		CHECKED GD			
DRAWN JB		DRAWING NO. C3 TREE REMOVAL PLAN 01					
BASE PROVIDED BY B.A. P. SURVEYS							

NORTH

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2-4 TREE SURVEY & REMOVAL PLAN



LEGEND

ALL TREES EXTERNAL TO DEVELOPMENT FOOTPRINT TO BE RETAINED

TREES TO BE RETAINED (REFER 1:500 TREE PLAN FOR DETAILS)

TREES TO BE REMOVED (REFER 1:500 TREE PLAN FOR DETAILS)

PROJECT TITLE	156 CREEK STREET HASTINGS POINT
DRAWING TITLE	TREE CLEARING PLAN
BASE PROVIDED BY	B & P SURVEYS

NO	DATE	REVISION	BY

SCALE	1:1000 @ FULL SIZE A1	DATE	FEBRUARY 2010
DESIGN		CHECKED	GD
DRAWN	JB	DRAWING NO	CS_TREE REMOVAL PLAN_01

CLIENT

WALTER ELLIOT HOLDINGS PTY LTD

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PLANT
CONSULTING

ATTACHMENT 3

FLORA SPECIES LIST

156 CREEK STREET, HASTINGS POINT

SPECIES LIST ALPHABETICALLY BY GENUS/SPECIES

NO.	FAMILY	GENUS/SPECIES	COMMON NAME	TYPE	STATUS	1	2	RECORDED IN COMMUNITY					
								3	4	5	6	7	8
1	Mimosaceae	<i>Acacia concurrens</i>	Black Wattle	Tree	Native			√			√	√	
2	Mimosaceae	<i>Acacia disparrima</i>	Hickory Wattle	Tree	Native			√			√		√
3	Mimosaceae	<i>Acacia melanoxylon</i>	Blackwood	Tree	Native			√			√		
4	Mimosaceae	<i>Acacia sophorae</i>	Coastal Wattle	Shrub	Native						√	√	
5	Myrtaceae	<i>Acmena smithii</i>	Lilly Pilly	Tree	Native						√		
6	Rutaceae	<i>Acronychia imperforata</i>	Coastal Acronychia	Tree	Native						√		
7	Blechnaceae	<i>Acrostichum speciosum</i>	Mangrove Fern	Fern	Native	√							
8	Myrsinaceae	<i>Aegiceras corniculatum</i>	River Mangrove	Tree	Native	√	√		√	√			√
9	Asteraceae	<i>Ageratum houstonianum</i>	Billygoat Weed	Herb	Exotic			√			√	√	√
10	Casuarinaceae	<i>Allocasuarina torulosa</i>	Forest Oak	Tree	Native						√		
11	Rhamnaceae	<i>Alphitonia excelsa</i>	Red Ash	Tree	Native			√			√		√
12	Amaranthaceae	<i>Alternanthera pungens</i>	Khaki Weed	Herb	Exotic			√			√	√	√
13	Asteraceae	<i>Ambrosia artemisiifolia</i>	Annual Ragweed	Herb	Exotic			√			√	√	√
14	Loranthaceae	<i>Amyema cambagei</i>	Swamp Oak Mistletoe	Arboreal Parasite	Native	√							√
15	Loranthaceae	<i>Amyema mackayense</i>	Mangrove Mistletoe	Arboreal Parasite	Native	√							
16	Poaceae	<i>Andropogon virginicus</i>	Whiskey Grass	Grass	Exotic			√			√		
17	Basellaceae	<i>Anredera cordifolia</i>	Madiera Vine	Vine	Exotic			√				√	
18	Fabaceae	<i>Aotus ericoides</i>	Aotus	Shrub	Native						√		
19	Myrtaceae	<i>Austromyrtus dulcis</i>	Midginberry	Shrub	Native						√		
20	Avicenniaceae	<i>Avicennia marina</i> var. <i>australasica</i>	Grey Mangrove	Tree	Native								
21	Poaceae	<i>Axonopus affinis</i>	Narrow-leafed carpet Grass	Grass	Exotic	√	√		√	√			
22	Asteraceae	<i>Baccharis halimifolia</i>	Groundsel	Shrub	W2*			√	√	√	√		√
23	Scrophulariaceae	<i>Bacopa monnieri</i>	Bacopa	Herb	Native	√	√		√	√			
24	Restionaceae	<i>Baloskin tetraphyllus</i>	Swamp Foxtails	Sedge	Native			√			√	√	
25	Proteaceae	<i>Banksia integrifolia</i>	Coastal Banksia	Tree	Native			√			√		
26	Proteaceae	<i>Banksia robur</i>	Swamp Banksia	Shrub	Native			√			√	√	
27	Cyperaceae	<i>Baumea articulata</i>	Curly wigs	Sedge	Native				√	√			
28	Cyperaceae	<i>Baumea juncea</i>	Bare twig rush	Sedge	Native	√	√		√	√			
29	Asteraceae	<i>Bidens pilosa</i>	Cobblers Pegs	Herb	Exotic			√	√	√	√	√	√
30	Blechnaceae	<i>Blechnum indicum</i>	Swamp ground Fern	Fern	Native							√	
31	Brassicaceae	<i>Cardamine hirsuta</i>	Flickweed	Herb	Exotic			√					
32	Lauraceae	<i>Cassytha glabella</i>	Devils Twine	Vine	Native						√		
33	Casuarinaceae	<i>Casuarina equisetifolia</i>	Coastal Sheoak	Tree	Native	√							
34	Casuarinaceae	<i>Casuarina glauca</i>	Swamp Oak	Tree	Native	√	√	√	√	√			√
35	Apiaceae	<i>Centella asiatica</i>	Pennywort	Herb	Native		√	√	√	√		√	√
36	Asteraceae	<i>Centratherum punctatum</i> spp. <i>punctatum</i>		Herb	Exotic			√					
37	Poaceae	<i>Chloris gayana</i>	Rhodes Grass	Grass	Native			√	√	√	√		
38	Asteraceae	<i>Chrysanthemoides monilifera</i>	Bitou Bush	Shrub	W3*			√	√	√	√		√
39	Vitaceae	<i>Cissus opaca</i>	Forest Grape	Vine	Native						√	√	
40	Lamiaceae	<i>Clerodendrum floribundum</i>	Smooth Clerodendrum	Tree	Native						√		
41	Commelinaceae	<i>Commelina diffusa</i>	Wandering Dew	Herb	Native			√			√	√	√
42	Myrtaceae	<i>Corymbia intermedia</i>	Pink Bloodwood	Tree	Native			√			√		
43	Fabaceae	<i>Crotalaria incana</i>	Wooly Rattlepod	Herb	Exotic			√					√
44	Lauraceae	<i>Cryptocarya triplinervis</i>	Three-veined Laurel	Tree	Native						√		
45	Sapindaceae	<i>Cupaniopsis anacardioides</i>	Tuckeroo	Tree	Native			√			√		√
46	Asclepiadaceae	<i>Cynanchum carnosum</i>	Mangrove Wax Flower Vine	Vine	Native	√			√	√			
47	Poaceae	<i>Cynodon dactylon</i>	Common Couch	Grass	Exotic			√	√	√		√	√
48	Cyperaceae	<i>Cyperus eragrostis</i>	Tussock Sedge	Sedge	Native				√	√			
49	Cyperaceae	<i>Cyperus haspan</i>	Sedge	Sedge	Native				√	√			
50	Cyperaceae	<i>Cyperus lucidus</i>	Drain Sedge	Sedge	Native				√	√			
51	Cyperaceae	<i>Cyperus pilosus</i>	Sedge	Sedge	Native		√		√	√			
52	Cyperaceae	<i>Cyperus polystachyos</i>	Bunchy flat Sedge	Sedge	Native	√		√	√	√		√	
53	Fabaceae	<i>Desmodium rhytidophyllum</i>	Trefoil	Vine	Native			√			√	√	√

NO.	FAMILY	GENUS/SPECIES	COMMON NAME	TYPE	STATUS	1	2	3	4	5	6	7	8
54	Liliaceae	<i>Dianella caerulea</i>	Blue Flax Lily	Grass	Native			√			√	√	
55	Poaceae	<i>Digitaria didactyla</i>	Queensland Blue Couch	Grass	Native			√					√
56	Sapindaceae	<i>Dodonaea triquetra</i>	Sticky Hop Bush	Shrub	Native						√		
57	Droseraceae	<i>Drosera spatulata</i>	Sundew	Herb	Native		√	√			√	√	
58	Solanaceae	<i>Duboisia myoporoides</i>	Duboisia	Tree	Native						√		
59	Chenopodiaceae	<i>Einadia hastata</i>	Red-Berry Saltbush	Herb	Native	√	√		√	√			
60	Elaeocarpaceae	<i>Elaeocarpus reticulatus</i>	Blue Berry Ash	Tree	Native						√		
61	Poaceae	<i>Eleusine indica</i>	Crowsfoot Grass	Grass	Native			√					
62	Lauraceae	<i>Endiandra sieberi</i>	Corkwood	Tree	Native						√		
63	Poaceae	<i>Entolasia stricta</i>	Wiry Panic	Grass	Native			√					√
64	Poaceae	<i>Eragrostis brownii</i>	Brown's Lovegrass	Grass	Native			√					
65	Myrtaceae	<i>Eucalyptus x kirtoniana</i>	Mahogany	Tree	Native			√					
66	Myrtaceae	<i>Eucalyptus robusta</i>	Swamp Mahogany	Tree	Native			√			√		
67	Myrtaceae	<i>Eucalyptus tereticornis</i>	Blue Gum	Tree	Native			√			√	√	√
68	Moraceae	<i>Ficus obliqua</i>	Small leaved Fig	Tree	Native			√					
69	Moraceae	<i>Ficus platypoda</i>	Rock Fig	Tree	Native						√		
70	Cyperaceae	<i>Fimbristylis dichotoma</i>	Fringe Rush	Sedge	Native		√	√	√	√			√
71	Cyperaceae	<i>Fimbristylis ferruginea</i>	Rusty Rush	Sedge	Native				√				
72	Cyperaceae	<i>Gahnia clarkei</i>	Tall Swordgrass	Sedge	Native			√			√	√	
73	Cyperaceae	<i>Gahnia sieberiana</i>	Red-fruited saw Sedge	Sedge	Native						√	√	
74	Glecheniaceae	<i>Gleichenia dicarpa</i>	Coral Fern	Fern	Native						√		
75	Euphorbiaceae	<i>Glochidion ferdinandi</i>	Cheese tree	Tree	Native						√	√	
76	Goodeniaceae	<i>Goodenia paniculata</i>	Goodenia	Herb	Native			√			√		
77	Goodeniaceae	<i>Goodenia rotundifolia</i>	Goodenia	Herb	Native						√	√	√
78	Haloragaceae	<i>Gonocarpus micranthus subsp. ramosissimus</i>		Herb	Native							√	
79	Haloragaceae	<i>Gonocarpus tetragynus</i>		Herb	Native		√		√	√			
80	Proteaceae	<i>Grevillea banksii</i>	Banks Grevillea	Tree	Naturalised		√						
81	Haloragaceae	<i>Haloragis teucrioides</i>		Herb	Native						√		
82	Dilleniaceae	<i>Hibbertia scandens</i>	Climbing Guinea Flower	Vine	Native			√			√	√	√
83	Fabaceae	<i>Hovea acutifolia</i>	Brush Pea	Shrub	Native							√	
84	Apiaceae	<i>Hydrocotyle acutiloba</i>	Pennywort	Herb	Native		√	√				√	
85	Asteraceae	<i>Hypochaeris radicata</i>	Flatweed	Herb	Exotic	√	√	√			√	√	√
86	Poaceae	<i>Imperata cylindrica</i>	Blady Grass	Grass	Native			√			√		
87	Convolvulaceae	<i>Ipomoea cairica</i>	Mile-a-minute	Vine	Exotic	√		√	√	√	√	√	√
88	Convolvulaceae	<i>Ipomoea pes-caprae subsp. brasiliensis</i>	Coastal Morning Glory	Vine	Native	√			√				
89	Poaceae	<i>Ischaemum australe</i>	Swamp Grass	Grass	Native	√	√	√	√	√			
90	Cyperaceae	<i>Isolepis nodosa</i>	Knobby club Rush	Sedge	Native	√	√		√	√			√
91	Juncaceae	<i>Juncus kraussii</i>	Salt Rush	Sedge	Native	√	√		√	√			√
92	Crassulaceae	<i>Kalanchoe pinnata</i>	Cathedral Bells	Herb	Exotic		√	√			√	√	√
93	Fabaceae	<i>Kennedia rubicunda</i>	Red Coral Pea	Vine	Native						√	√	
94	Lamiaceae	<i>Lantana camara</i>	Lantana	Shrub	W3*			√			√	√	√
95	Poaceae	<i>Leersia hexandra</i>	Swamp Ricegrass	Grass	Native		√		√	√			
96	Cyperaceae	<i>Lepidosperma laterale</i>	Sword Sedge	Sedge	Native						√		
97	Cyperaceae	<i>Lepidosperma longitudinale</i>	Sword Sedge	Sedge	Native						√		
98	Myrtaceae	<i>Leptospermum flavescens</i>	Common Tea-Tree	Shrub	Native						√	√	
99	Epacridaceae	<i>Leucopogon lanceolatus</i>	Heath	Shrub	Native						√		
100	Lobeliaceae	<i>Lobelia purpurascens</i>	White Root	Herb	Native			√			√		√
101	Xanthorrhoeaceae	<i>Lomandra longifolia</i>	Mat Rush	Grass	Native						√	√	
102	Myrtaceae	<i>Lophostemon confertus</i>	Brush Box	Tree	Native			√			√		
103	Myrtaceae	<i>Lophostemon suaveolens</i>	Swampbox	Tree	Native			√	√	√	√	√	
104	Euphorbiaceae	<i>Macaranga tanarius</i>	Macaranga	Tree	Native			√			√		
105	Fabaceae	<i>Macroptilium atropurpureum</i>	Siratro	Vine	Exotic		√	√				√	√
106	Myrtaceae	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	Tree	Native	√	√	√	√	√	√	√	√
107	Melastomataceae	<i>Melastoma affine</i>	Native Lasiandra	Shrub	Native							√	
108	Poaceae	<i>Melinus repens</i>	Red Natal Grass	Grass	Exotic						√		

NO.	FAMILY	GENUS/SPECIES	COMMON NAME	TYPE	STATUS	1	2	3	4	5	6	7	8
109	Epacridaceae	<i>Monotoca elliptica</i>	Broom Heath	Shrub	Native		√	√			√	√	√
110	Epacridaceae	<i>Monotoca scoparia</i>	Prickly-leaved monotoca	Shrub	Native						√		
111	Ochnaceae	<i>Ochna serrulata</i>	Mickey Mouse Bush	Shrub	Exotic			√			√	√	√
112	Poaceae	<i>Ottochloa gracillima</i>	A Grass	Grass	Native			√	√			√	√
113	Apocynaceae	<i>Parsonsia straminea</i>	Common Silkpod	Vine	Native			√			√	√	√
114	Poaceae	<i>Paspalum dilatatum</i>	Paspalum	Grass	Exotic		√	√				√	√
115	Poaceae	<i>Paspalum virginatum</i>	Salt Couch	Grass	Native	√	√						√
116	Passifloraceae	<i>Passiflora edulis</i>	Passionfruit	Vine	Exotic			√					
117	Passifloraceae	<i>Passiflora suberosa</i>	Corky Passionflower	Vine	Exotic						√	√	√
118	Proteaceae	<i>Persoonia cornifolia</i>	Geebung	Tree	Native			√			√		
119	Poaceae	<i>Phragmites australis</i>	Common Reed	Grass	Native				√	√		√	
120	Euphorbiaceae	<i>Phyllanthus tenellus</i>	Phyllanthus	Herb	Exotic			√				√	
121	Thymelaeaceae	<i>Pimelea linifolia</i>	Rice Flower	Herb	Native		√	√					
122	Pittosporaceae	<i>Pittosporum revolutum</i>	Hairy Pittosporum	Shrub	Native						√	√	
123	Rubiaceae	<i>Pomax umbellata</i>	Pomax	Herb	Native		√	√				√	√
124	Liliaceae	<i>Protoasparagus densiflorus</i>	Asparagus Fern	Fern-like	Exotic	√		√					
125	Dennstaedtiaceae	<i>Pteridium esculentum</i>	Bracken	Fern	Native			√			√	√	
126	Fabaceae	<i>Pultenaea retusa</i>	Blunt leaved Pea	Shrub	Native						√		
127	Fabaceae	<i>Pultenaea villosa</i>	Hairy Bush Pea	Shrub	Native						√		
128	Rhizophoraceae	<i>Rhizophora stylosa</i>	Spotted Mangrove	Tree	Native	√		√					
129	Rubiaceae	<i>Richardia brasiliensis</i>	White Eye	Herb	Native			√					
130	Euphorbiaceae	<i>Ricinus communis</i>	Castor Oil Bush	Shrub	W2*				√	√	√	√	√
131	Rosaceae	<i>Rubus parvifolius</i>	Rose-leaved Raspberry	Shrub	Native						√	√	
132	Polygonaceae	<i>Rumex crispus</i>	Curled Dock	Herb	Exotic		√	√				√	
133	Chenopodiaceae	<i>Sarcocornia quinqueflora</i>	Samphire	Herb	Native	√	√						√
134	Araliaceae	<i>Schefflera actinophylla</i>	Umbrella Tree	Tree	*NQLD			√				√	√
135	Dennstaedtiaceae	<i>Schizea bifida</i>	Forked comb Fern	Fern	Native						√	√	
136	Cyperaceae	<i>Schoenoplectus validus</i>	Club Rush	Sedge	Native		√		√	√			
137	Cyperaceae	<i>Schoenus brevifolius</i>	Zig-zag bog Rush	Sedge	Native					√			
138	Asteraceae	<i>Senecio madagascariensis</i>	Fire Weed	Herb	Exotic			√					
139	Caesalpiniaceae	<i>Senna pendula var glabrata</i>	Easter Cassia	Shrub	Exotic			√				√	√
140	Aizoaceae	<i>Sesuvium portulacastrum</i>	Sea Purslane	Herb	Native	√							
141	Poaceae	<i>Setaria sphacelata</i>	Setaria	Grass	Exotic			√					
142	Malvaceae	<i>Sida rhombifolia</i>	Common Sida	Herb	Native			√					√
143	Smilacaceae	<i>Smilax australis</i>	Barbed-wire Vine	Vine	Native						√	√	√
144	Smilacaceae	<i>Smilax glyciphylla</i>	Sweet Sarsparilla	Vine	Native						√		
145	Solanaceae	<i>Solanum mauritianum</i>	Wild Tobacco Bush	Shrub	Exotic				√	√	√	√	
146	Solanaceae	<i>Solanum nigrum</i>	Blackberry Nightshade	Herb	Exotic			√					
147	Asteraceae	<i>Soliva pterosperma</i>	Bindy Eye	Herb	Exotic			√					
148	Asteraceae	<i>Sonchus oleraceus</i>	Common Sowthistle	Herb	Exotic			√					
149	Asteraceae	<i>Sphagneticola trilobata</i>	Singapore Daisy	Herb	Exotic		√	√					
150	Poaceae	<i>Spinifex sericeus</i>	Hairy Spinifex	Grass	Native	√							
151	Poaceae	<i>Sporobolus virginicus</i>	Saltwater Couch	Grass	Native	√	√		√	√			√
152	Menispermaceae	<i>Stephania japonica</i>	Tape Vine	Vine	Native			√			√	√	
153	Chenopodiaceae	<i>Suaeda australis</i>	Seablite	Herb	Native	√	√						
154	Arecaceae	<i>Syagrus romanzoffianum</i>	Cocos Palm	Palm	Exotic			√				√	
155	Asteraceae	<i>Taraxacum officinale</i>	Dandelion	Herb	Exotic								
156	Aizoaceae	<i>Tetragonia tetragonoides</i>	New Zealand Spinach	Herb	Native	√	√						
157	Poaceae	<i>Themeda australis</i>	Kangaroo Grass	Grass	Native			√			√		
158	Juncaginaceae	<i>Triglochin striata</i>	Streaked Arrowgrass	Herb	Native	√	√		√	√			
159	Menyanthaceae	<i>Villarsia exaltata</i>		Herb	Native		√	√				√	
160	Apocynaceae	<i>Vinca major</i>	Blue Periwinkle	Herb	Exotic			√			√		
161	Violaceae	<i>Viola hederacea</i>	Ivy leaved Violet	Herb	Native			√			√	√	
162	Campanulaceae	<i>Wahlenbergia stricta</i>	Bluebell	Herb	Native			√			√		