

26 June 2019

**RE: EXISTING TREES IN ROAD RESERVE AND IMPACTS FROM ROAD
CONSTRUCTION**

Dear Sir/Madam

With regard to the existing trees within the road reserve at Manor Road and part Harrington Road, Harrington, the following is relevant.

I am a Certificate 5 qualified Arborist (AQF 5), having completed my Diploma in Horticulture (Arboriculture) in 2010. I have no vested interest in the removal of the trees on this site and specifically, I will not be involved in any such removal.

On Thursday 23 May 2019 I attended the site and identified and tagged all the trees in the relevant area on the southern side of the road reserve and to a limited degree on the northern side of the road. The diameter at breast height (DBH) and the diameter at ground level, but above any buttressing, was also measured and recorded for each of these trees. These measurements were then used to calculate both the structural root zone (SRZ) and the tree protection zone (TPZ) for each tree and these zones were then plotted on a plan which shows the location of the proposed works; a copy of this plan has been attached.

AS 4970 Protection of Trees on Development Sites states that there can be no interference within the SRZ and only works in up to 10% of the TPZ. Based on this, all trees excepting for Trees 23 and 24 (which are located on the northern side of the road) must be removed due to unacceptable impacts on the SRZ and the TPZ.

It must be noted that the proposed works may impact upon other trees which have not been assessed and no responsibility is accepted for such impacts. No guarantee is stated or implied regarding the safety of any trees on or adjacent to this site, either with the trees assessed or other trees not assessed.

Kind regards

TATTERSALL LANDER PTY LTD

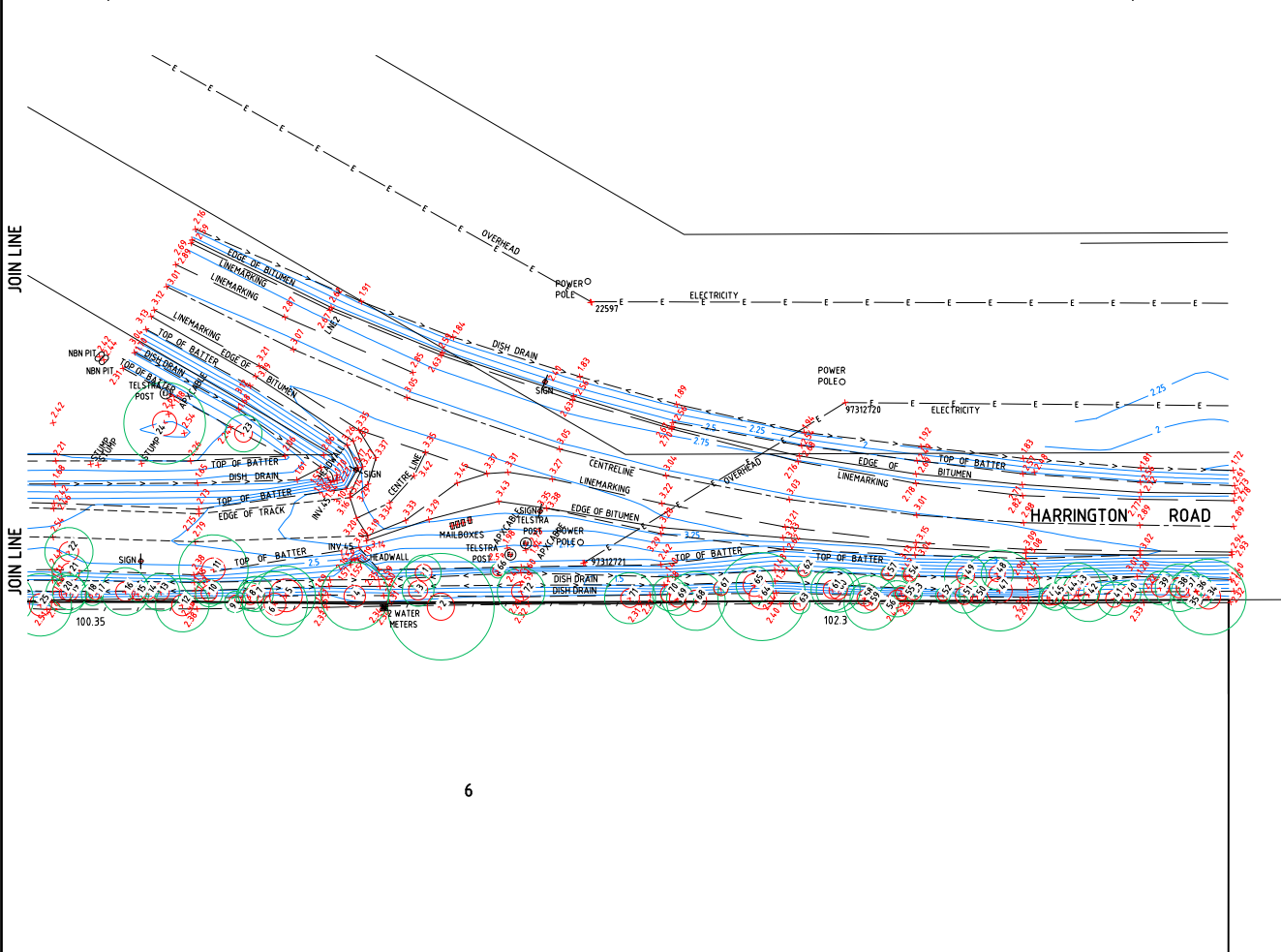
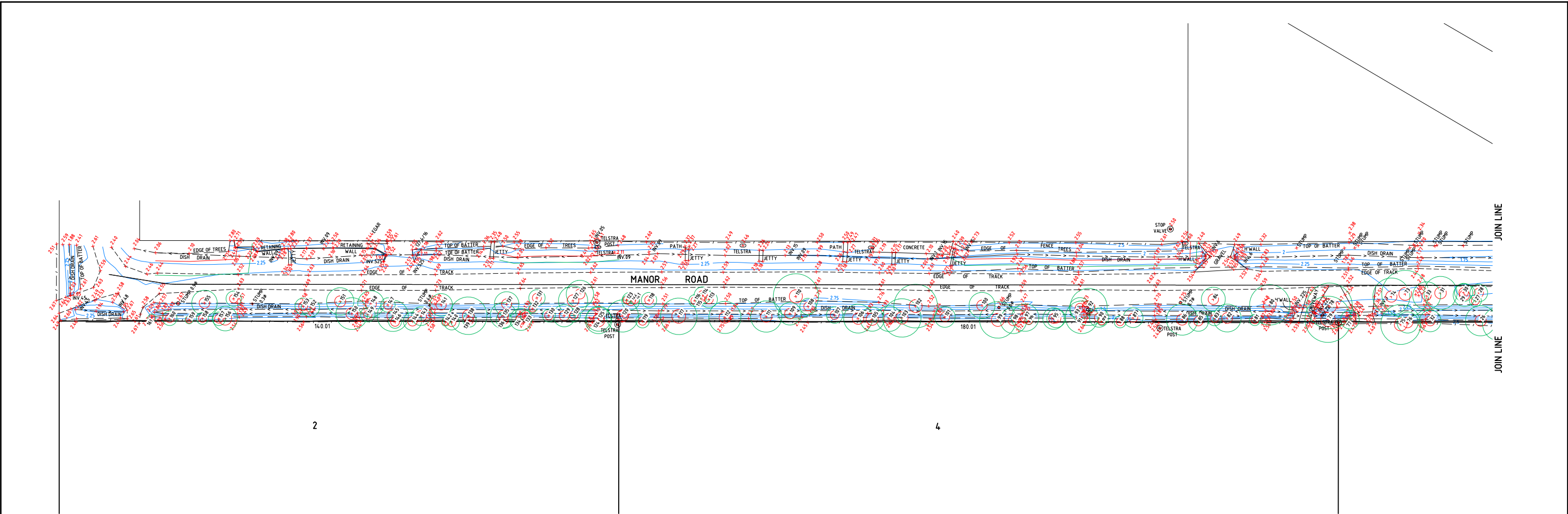


Ben Folbigg
Arborist (AQF 5)

DEVELOPMENT CONSULTANTS IN ENGINEERING, SURVEYING, PLANNING & ENVIRONMENTAL



Tattersall Lander Pty Limited ABN 41 003 509 215
2 Bourke Street, RAYMOND TERRACE 2324 **All mail to:** PO Box 580
Telephone: (02) 4987 1500 **Fax:** (02) 4987 1733 **Email:** admin@tatland.com.au
www.tatland.com.au



Tree	DBH (cm)	TPZ (m)	Diameter (cm)	SRZ (m)
1	4.0	4.8	4.9	2.25
2	121	14.52	132	3.72
3	36	4.32	56	2.59
4	77	9.24	75	2.93
5	67	8.04	70.4	4.44
6	74	8.88	77	2.97
7	4.0	4.8	4.6	2.39
8	32	3.84	38	2.2
9	24	2.88	23	1.79
10	31	3.72	37	2.18
11	79	9.48	88	3.14
12	61	7.32	73	2.9
13	43	5.16	44	2.34
14	12	2	15	1.49
15	19	2.28	20	1.68
16	54	6.48	57	2.61
17	17	2.04	23	1.79
18	25	3	27	1.91
19	39	4.68	42	2.3
20	23	2.76	26	1.88
21	41	4.92	55	2.57
22	55	6.6	59	2.65
23	42	5.04	46	2.39
24	93	11.16	97	3.27
25	71	8.52	80	3.01
26	63	7.56	68	2.81
27	25	3	30	2
28	37	4.44	44	2.34
29	47	5.64	55	2.57
30	38	4.56	44	2.34
31	69	8.28	73	2.9
32	45	5.4	49	2.45
33	58	6.96	40	2.25
34	86	10.32	101	3.32
35	NR	N/A	NR	N/A
36	39	4.68	40	2.25
37	37	4.44	61	2.69
38	54	6.48	61	2.69
39	38	4.56	46	2.39
40	29	3.48	31	2.02

41	38	4.56	43	2.32
42	61	7.32	73	2.9
43	53	6.36	65	2.76
44	36	4.32	36	2.15
45	31	3.72	38	2.2
46	24	2.88	32	2.05
47	92	11.04	111	3.44
48	36	4.32	37	2.18
49	48	5.76	51	2.49
50	23	2.76	25	1.85
51	40	4.8	48	2.43
52	15	2	15	1.49
53	19	2.28	20	1.68
54	17	2.04	20	1.68
55	18	2.16	21	1.72
56	41	4.92	46	2.39
57	16	2	22	1.75
58	34	4.08	37	2.18
59	31	3.72	34	2.1
60	50	6	53	2.53
61	49	5.88	53	2.53
62	15	2	19	1.65
63	23	2.76	23	1.79
64	100	12	107	3.4
65	42	5.04	85	3.09
66	12	2	13	1.4
67	16	2	28	1.94
68	67	8.04	75	2.93
69	37	4.44	39	2.23
70	39	4.68	51	2.49
71	58	6.96	55	2.57
72	54	6.48	57	2.61
73	98	11.76	91	3.18
74	77	9.24	69	2.83
75	83	9.96	91	3.18
76	44	5.28	56	2.59
77	39	4.68	56	2.59
78	95	11.4	117	3.53
79	96	11.52	119	3.56
80	84	10.08	92	3.2
81	23	2.76	25	1.85
82	58	6.96	60	2.67

83	30	3.6	31	2.02
84	50	6	57	2.61
85	42	5.04	44	2.34
86	65	7.8	66	2.78
87	41	4.92	43	2.32
88	25	3	27	1.91
89	18	2.16	23	1.79
90	40	4.8	42	2.3
91	68	8.16	67	2.8
92	77	9.24	90	3.17
93	44	5.28	47	2.41
94	39	4.68	47	2.41
95	45	5.4	49	2.45
96	17	2.04	26	1.88
97	57	6.84	61	2.69
98	55	6.6	58	2.63
99	76	9.12	96	3.25
100	54	6.48	58	2.63
101	43	5.16	47	2.41
102	91	10.92	95	3.24
103	80	9.6	83	3.06
104	53	6.36	61	2.69
105	50	6	81	3.03
106	60	7.2	71	2.87
107	34	4.08	38	2.2
108	34	4.08	36	2.15
109	47	5.64	57	2.61
110	94	11.28	99	3.3
111	65	7.8	70	2.85
112	67	8.04	70	2.85
113	35	4.2	36	2.15
114	35	4.2	44	2.34
115	22	2.64	28	1.94
116	25	3	27	1.91
117	76	9.12	111	3.46
118	32	3.84	38	2.2
119	28	3.36	31	2.02
120	67	8.04	73	2.9
121	18	2.16	20	1.68
122	37	4.44	42	2.3
123	18	2.16	23	1.79
124	55	6.6	87	3.12

125	52	6.24	54	2.55
126	57	6.84	53	2.53
127	61	7.32	72	2.88
128	27	3.24	32	2.05
129	46	5.52	53	2.53
130	27	3.24	34	2.1
131	34	4.08	41	2.28
132	17	2.04	19	1.65
133	22	2.64	23	1.79
134	46	5.52	50	2.47
135	54	6.48	58	2.63
136	33	3.96	37	2.18
137	51	6.12	52	2.51
138	78	9.36	75	2.93
139	28	3.36	28	1.94
140	32	3.84	35	2.13
141	47	5.64	55	2.57
142	17	2.04	19	1.65
143	39	4.68	42	2.71
144	38	4.56	46	2.39
145	65	7.8	73	2.9
146	27	3.24	39	2.23
147	30	3.6	33	2.08
148	55	6.6	63	2.73
149	30	3.6	33	2.08
150	66	7.92	76	2.95
151	57	6.84	66	2.78
152	38	4.56	42	2.3
153	34	4.08	39	2.23
154	32	3.84	34	2.1
155	53	6.36	59	2.65
156	51	6.12	95	3.24
157	28	3.36	35	2.13
158	25	3	28	1.94
159	14	2	18	1.61
160	30	3.6	35	2.13
161	13	2	15	1.49

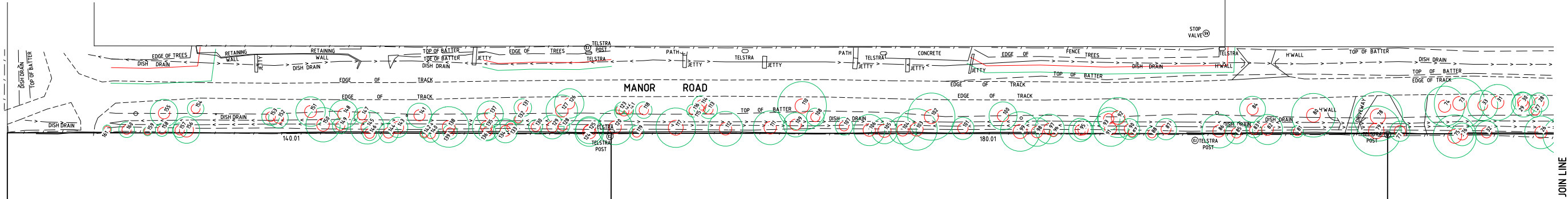
A	Original Issue	BF	PS	BF*	BL*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED
					DATE
					25/06/19*

TATTERSALL LANDER PTY LTD
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MANORS ROAD DETAIL SURVEY
PLAN SHOWING TREE PROTECTION, STRUCTURAL ROOT ZONES
& DETAIL SURVEY OVER MANORS ROAD
MANORS ROAD, HARRINGTON

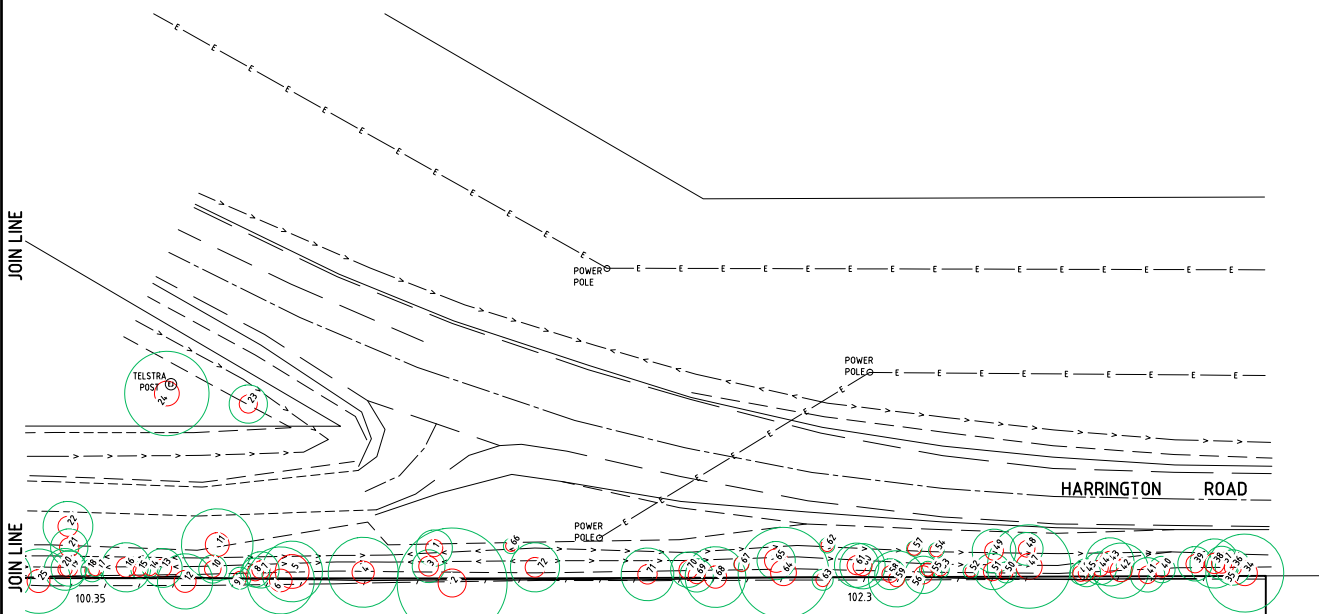
CLIENT: Bayline Developments (NSW) Pty Ltd
JOB No.: 217154
COMPUTER FILE: S:\projects\Harrington\dwg\217154_TOP0_2.dwg

COUNCIL MID COAST	REFERENCE 21900161
PARISH	SHEET SIZE A3
SCALE 1:1000 ON A3	SHEET No. 1 OF 3
DATE : Plotted 16/36 25/06/19	



2

4



6

Tree	DBH (cm)	TPZ (m)	Diameter (cm)	SRZ (m)
1	40	4.8	4.9	2.25
2	121	14.52	132	3.72
3	36	4.32	56	2.59
4	77	9.24	75	2.93
5	67	8.04	204	4.44
6	74	8.88	77	2.97
7	40	4.8	4.6	2.39
8	32	3.84	38	2.2
9	24	2.88	23	1.79
10	31	3.72	37	2.18
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15	19	2.28	20	1.68
16	54	6.48	57	2.61
17	17	2.04	23	1.79
18	25	3	27	1.91
19	39	4.68	42	2.3
20	23	2.76	26	1.88
21	41	4.92	55	2.57
22	55	6.6	59	2.65
23	42	5.04	46	2.39
24	93	11.16	97	3.27
25	71	8.52	80	3.01
26	63	7.56	68	2.81
27	25	3	30	2
28	37	4.44	44	2.34
29	47	5.64	55	2.57
30	38	4.56	44	2.34
31	69	8.28	73	2.9
32	45	5.4	49	2.45
33	58	6.96	40	2.25
34	86	10.32	101	3.32
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36	39	4.68	40	2.25
37	37	4.44	61	2.69
38	54	6.48	61	2.69
39	38	4.56	46	2.39
40	29	3.48	31	2.02

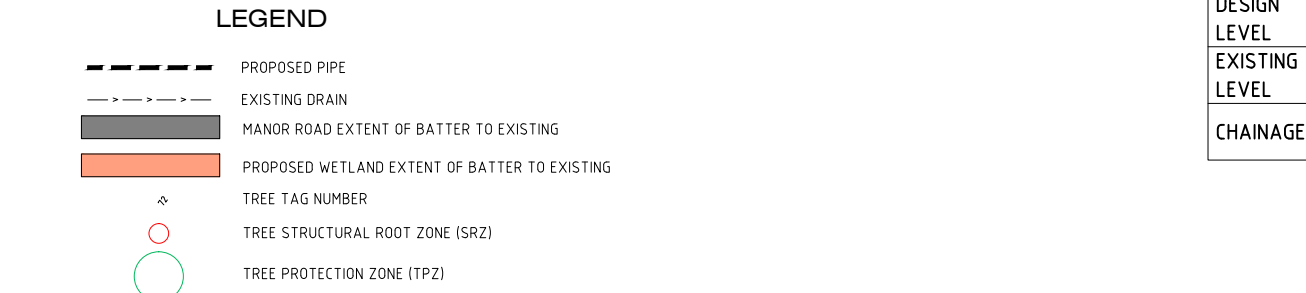
41	38	4.56	43	2.32
42	61	7.32	73	2.9
43	53	6.36	65	2.76
44	36	4.32	36	2.15
45	31	3.72	38	2.2
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145	65	7.8	73	2.9
146	27	3.24	39	2.23
147	30	3.6	33	2.08
148	55	6.6	63	2.73
149	30	3.6	33	2.08
150	66	7.92	76	2.95
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152	38	4.56	42	2.3
153	34	4.08	39	2.23
154	32	3.84	34	2.1
155	53	6.36	59	2.65
156	51	6.12	95	3.24
157	28	3.36	35	2.13
158	25	3	28	1.94
159	14	2	18	1.61
160	30	3.6	35	2.13
161	13	2	15	1.49

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
A	Original Issue	BF	PS	BF*	BL*	25/06/19
* Denote the original signature and date when revision was issued.						

TATTERSALL LANDER Pty Ltd DEVELOPMENT CONSULTANTS		SCALE : 1:1000 (for A3 Size Plot)	SHEET No. : 2	FILE : 21900162	SHEET SIZE : A3
COMPUTER FILE : S:\projects\Harrington\dwg\217154_TOP0_2.dwg		JOB No. : 217154	DATE : Plotted 16/36 25/06/19		



MANOR ROAD
H=1:2000 V=1:400

							TREE PROTECTION & STRUCTURAL ROOT ZONES WITH MANOR ROAD UPGRADE OVERLAY						
A	Original Issue	DS	DS	BF*	BL*	25/06/19*	TATTERSALL LANDER Pty Ltd DEVELOPMENT CONSULTANTS			SCALE :  (1:1000 for A3 Size Plot)	SHEET No. : 3 JOB No. : 217154	FILE : 21900163 DATE : Plotted 16:37 25/06/19	SHEET SIZE A3
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE							
* Denote the original signature and date when revision was issued.													