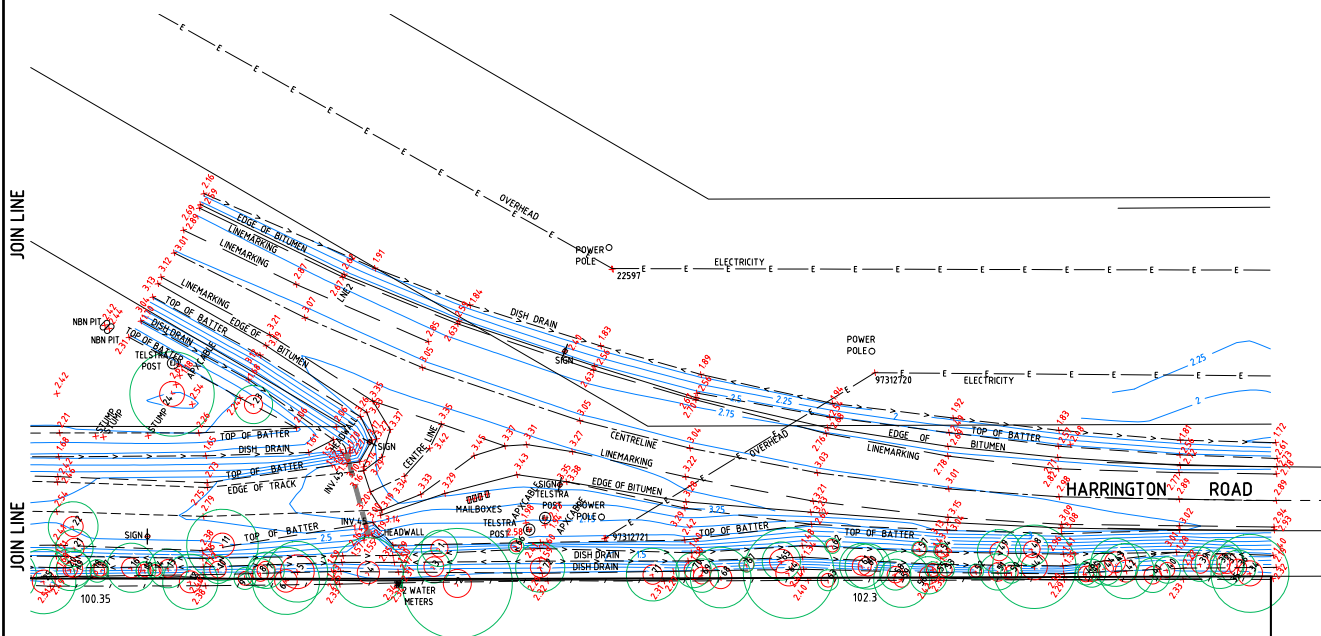
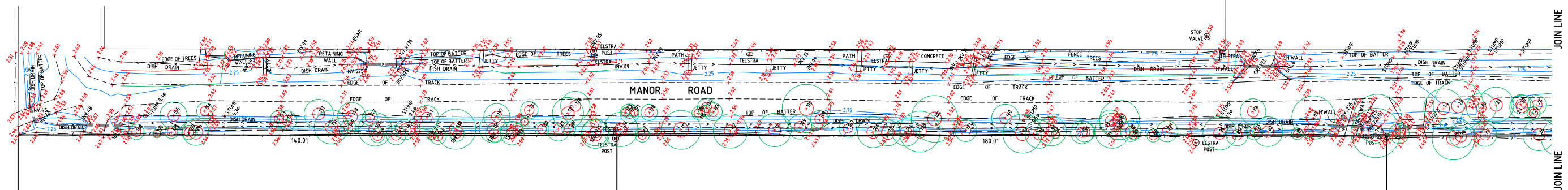




Tree	DBH (cm)	TPZ (m)	Diameter (cm)	SRZ (m)
1	4.0	4.8	4.9	2.25
2	12.1	16.52	132	3.72
3	36	4.32	56	2.59
4	77	9.24	75	2.93
5	67	8.04	284	4.44
6	74	8.88	77	2.97
7	4.0	4.8	4.6	2.39
8	32	3.84	38	2.2
9	24	2.88	23	1.79
10	31	3.72	37	2.18
11	79	9.48	88	3.14
12	61	7.32	73	2.9
13	4.3	5.16	4.4	2.34
14	12	2	15	1.49
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	N/A	N/A	N/A	N/A
36	39	4.68	40	2.25
37	37	4.44	61	2.69
38	54	6.48	67	2.69
39	38	4.56	46	2.39
40	29	3.48	31	2.02

4.1	38	4.56	43	2.32
4.2	61	7.32	73	2.9
4.3	53	6.36	65	2.76
4.4	36	4.32	36	2.15
4.5	31	3.72	38	2.2
4.6	24	2.88	32	2.05
4.7	92	11.04	111	3.44
4.8	36	4.32	37	2.1
4.9	48	5.76	51	2.69
5.0	23	2.76	25	1.85
5.1	40	4.8	48	2.43
5.2	15	2	15	1.69
5.3	19	2.28	20	1.68
5.4	17	2.04	20	1.68
5.5	18	2.16	21	1.72
5.6	41	4.92	46	2.39
5.7	16	2	22	1.75
5.8	34	4.08	37	2.18
5.9	31	3.72	34	2.1
6.0	50	6	53	2.53
6.1	49	5.88	53	2.53
6.2	15	2	19	1.65
6.3	23	2.76	23	1.79
6.4	100	12	103	3.4
6.5	42	5.04	85	3.09
6.6	12	2	13	1.4
6.7	16	2	28	1.94
6.8	67	8.04	75	2.93
6.9	37	4.44	39	2.23
7.0	39	4.68	51	2.49
7.1	58	6.96	55	2.57
7.2	54	6.48	57	2.61
7.3	98	11.76	91	3.18
7.4	77	9.24	89	2.83
7.5	83	9.96	91	3.18
7.6	44	5.28	56	2.59
7.7	39	4.68	56	2.59
7.8	95	11.4	117	3.53
7.9	96	11.52	119	3.56
8.0	84	10.08	92	3.2
8.1	23	2.76	25	1.85
8.2	58	6.96	60	2.6

83	30	3.6	31	2.02
84	50	6	57	2.61
85	62	5.04	44	2.36
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	1.70
90	40	4.8	42	2
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	3.19

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	61	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	62	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

D	Revised per JRPP Comments	DS	DS	BF*	BL*	17/10/19*
C	Revised Per On Site Discussion	DS	DS	BF*	BL*	06/08/19
B	Revised Per Council Meeting	-	-	-	-	-
A	Original Issue	BF	PS	BF*	BL*	25/06/19
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE*

* Denote the original signature and date when revision was issued.

**TATTERSALL
LANDER** PTY LTD
DEVELOPMENT CONSULTANTS
ENGINEERING, SURVEYING & PLANNING

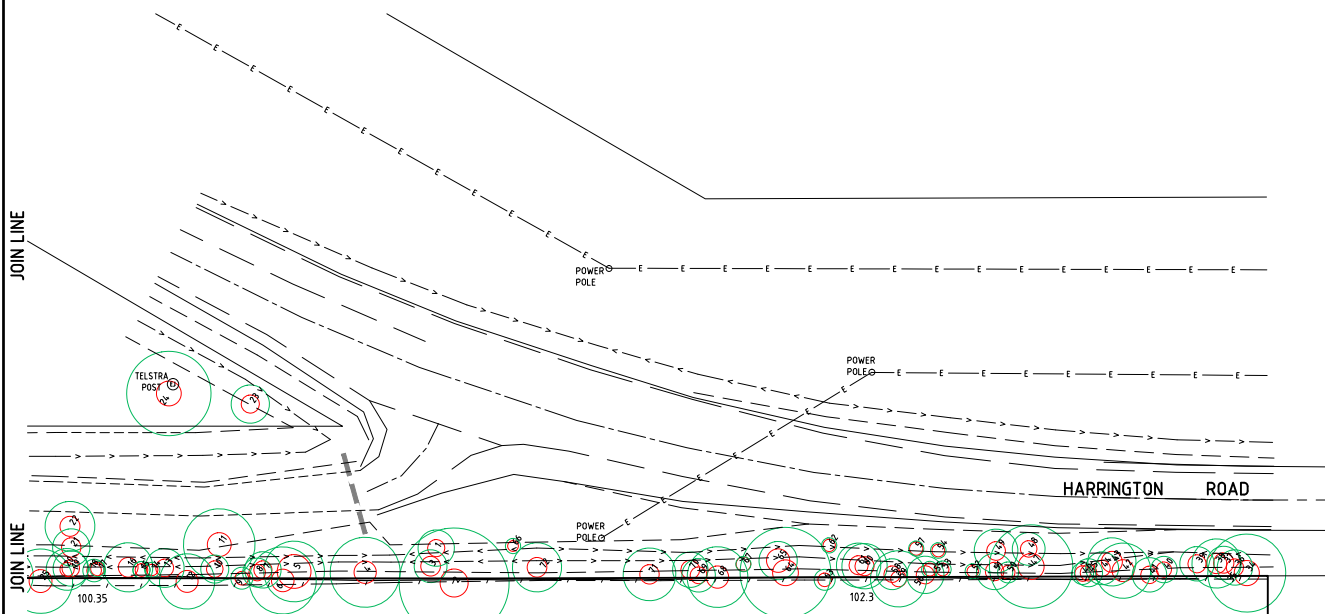
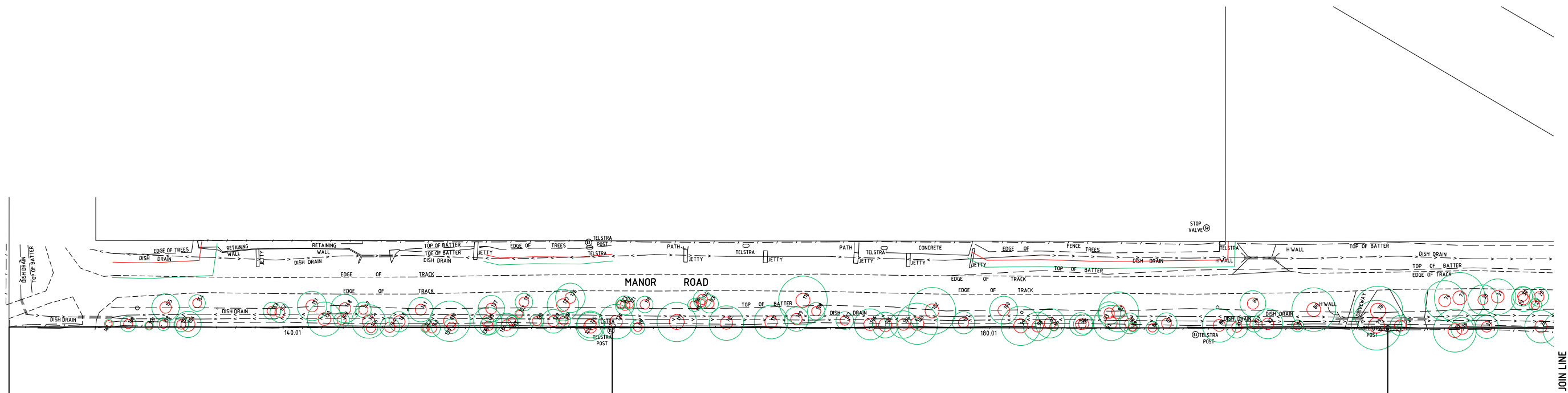


2 Bourke St. P.O.Box 580
RAYMOND TERRACE 2324
Fax (02) 49871733 Phone (02) 49871500

MANOR ROAD DETAIL SURVEY
PLAN SHOWING TREE PROTECTION, STRUCTURAL ROOT ZONES
& DETAIL SURVEY OVER MANOR ROAD
MANOR ROAD, HARRINGTON

S	COUNCIL MID COAST		REFERENCE 21900161	
	PARISH		SHEET SIZE	A3
	SCALE 1:1000 ON A3		SHEET No. 1 OF 3	
	DATE : Plotted 17/10/2019			

CLIENT: Bayline Developments (NSW) Pty Ltd	JOB No.: 217154	COMPUTER FILE : S:\projects\Harrington\dwg\217154_TPO 2.dwg
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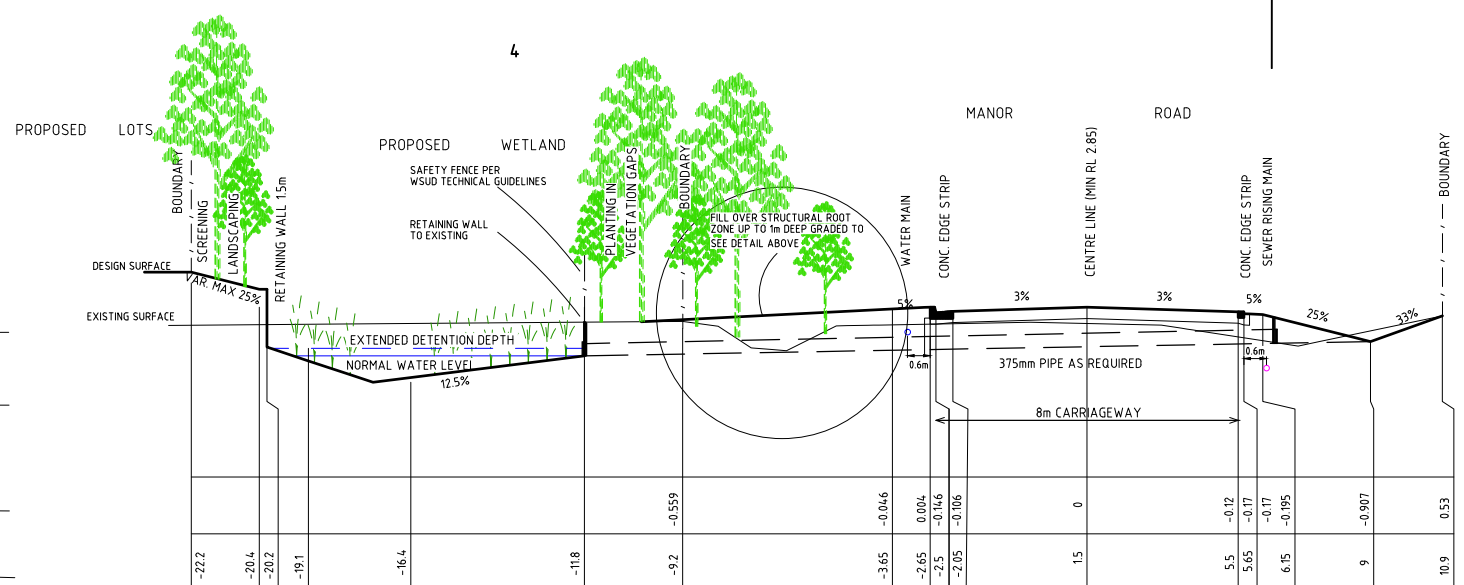
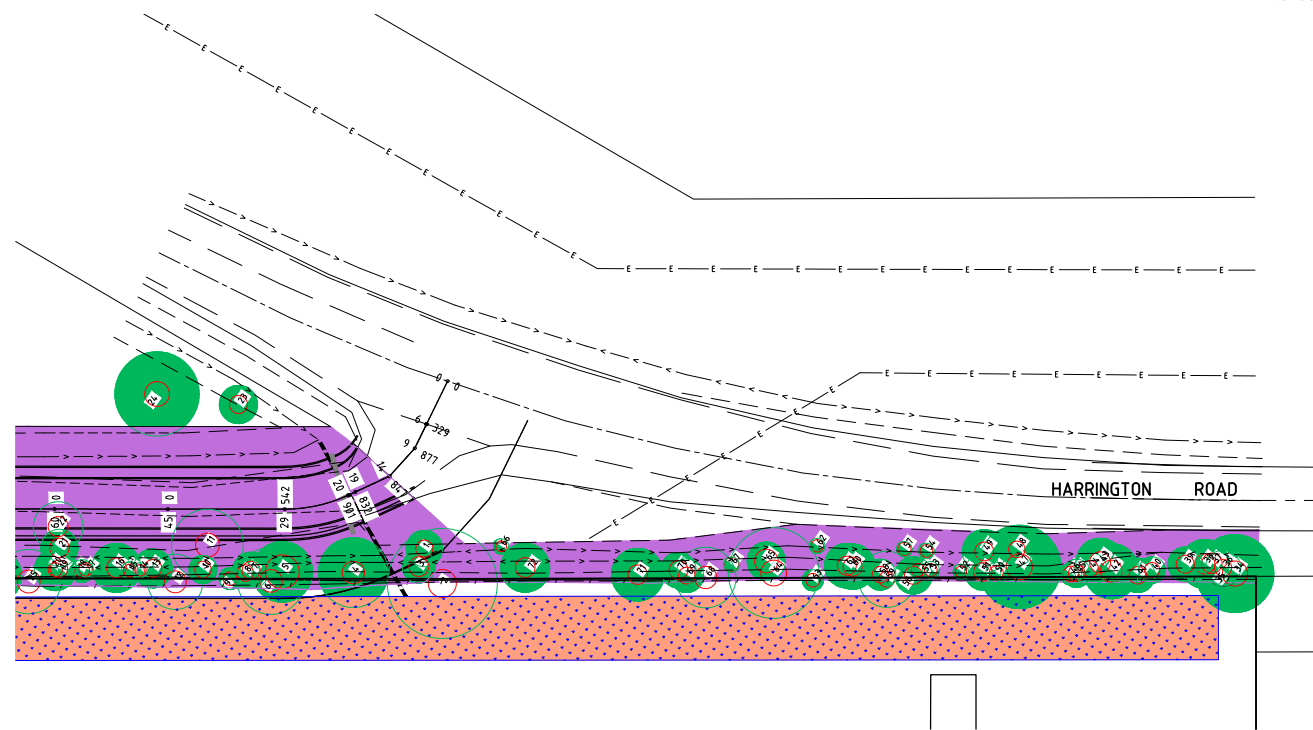
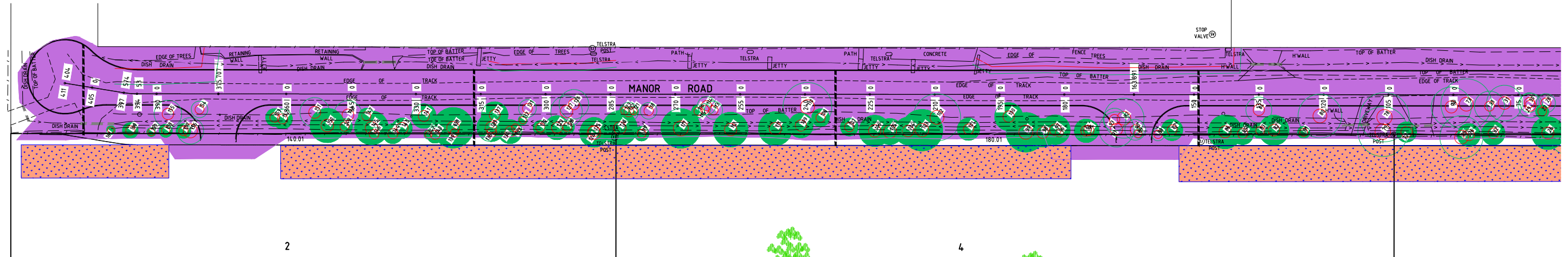
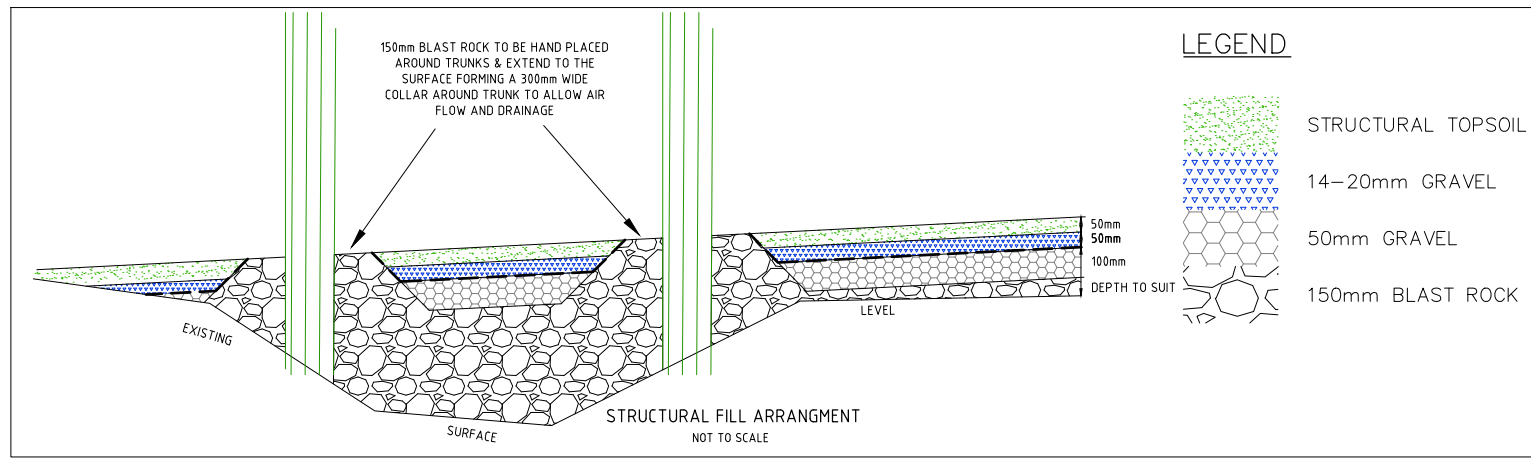


Tree	DBH (cm)	TPZ (m)	Diameter (cm)	SRZ (m)
1	40	4.8	4.9	2.25
2	121	14.52	132	3.72
3	36	4.32	56	2.59
4	77	9.24	75	2.93
5	67	8.04	204	4.44
6	74	8.88	77	2.97
7	40	4.8	4.6	2.39
8	32	3.84	38	2.2
9	24	2.88	23	1.79
10	31	3.72	37	2.18
11	79	9.48	88	3.14
12	61	7.32	73	2.9
13	43	5.16	44	2.34
14	12	2	15	1.49
15	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



LEGEND

- PROPOSED PIPE
- EXISTING DRAIN
- MANOR ROAD EXTENT OF BATTER TO EXISTING - OPTION 4
- PROPOSED WETLAND EXTENT OF BATTER TO EXISTING
- TREE TAG NUMBER
- TREE STRUCTURAL ROOT ZONE (SRZ)
- TREE PROTECTION ZONE (TPZ)
- TREE WITH POTENTIAL FOR RETENTION PROVIDED SPECIAL FILLING CONDITIONS ARE MET

DESIGN LEVEL	EXISTING LEVEL	CHAINAGE
3.051	3.051	0
3.353	3.353	6.329
3.421	3.421	9.877
3.343	3.343	14.847
3.227	3.176	19.832
3.2	3.05	20.901
2.994	2.985	29.542
2.985	2.798	30
2.895		45
2.805		60
2.85		75
2.895		90
2.938		104.46
2.937		105
2.892		120
2.847		135
2.805		148.9
2.808		150
2.85		163.891
2.853		165
2.898		180
2.931		190.9
2.919		195
2.874		210
2.829		225
2.805		232.9
2.826		240
2.871		255
2.916		270
2.915		274.72
2.9		285
2.855		300
2.81		315
2.805		316.54
2.845		330
2.89		345
2.935		360
2.947		363.972
2.914		375
2.912		375.707
2.869		390
2.856		394.53
2.847		397.575
2.824		405
2.805		411.604

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

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
D	Revised Per JRPP Comment	DS	DS	BF*	BL*	17/10/19*
C	Revised Per Onsite Discussion	DS	DS	BF*	BL*	06/08/19*
B	Revised Per Council Meeting	DS	DS	-	-	-
A	Original Issue	DS	DS	-	-	-

TATTERSALL LANDER Pty Ltd
DEVELOPMENT CONSULTANTS

SCALE : 1:1000 (for A3 Size Plot)

SHEET No. : 3

FILE : #####

JOB No. : 217154

DATE : Plotted 17/10/2019

COMPUTER FILE : S:\projects\Harrington\dwg\217154_TOP0_2.dwg

A3