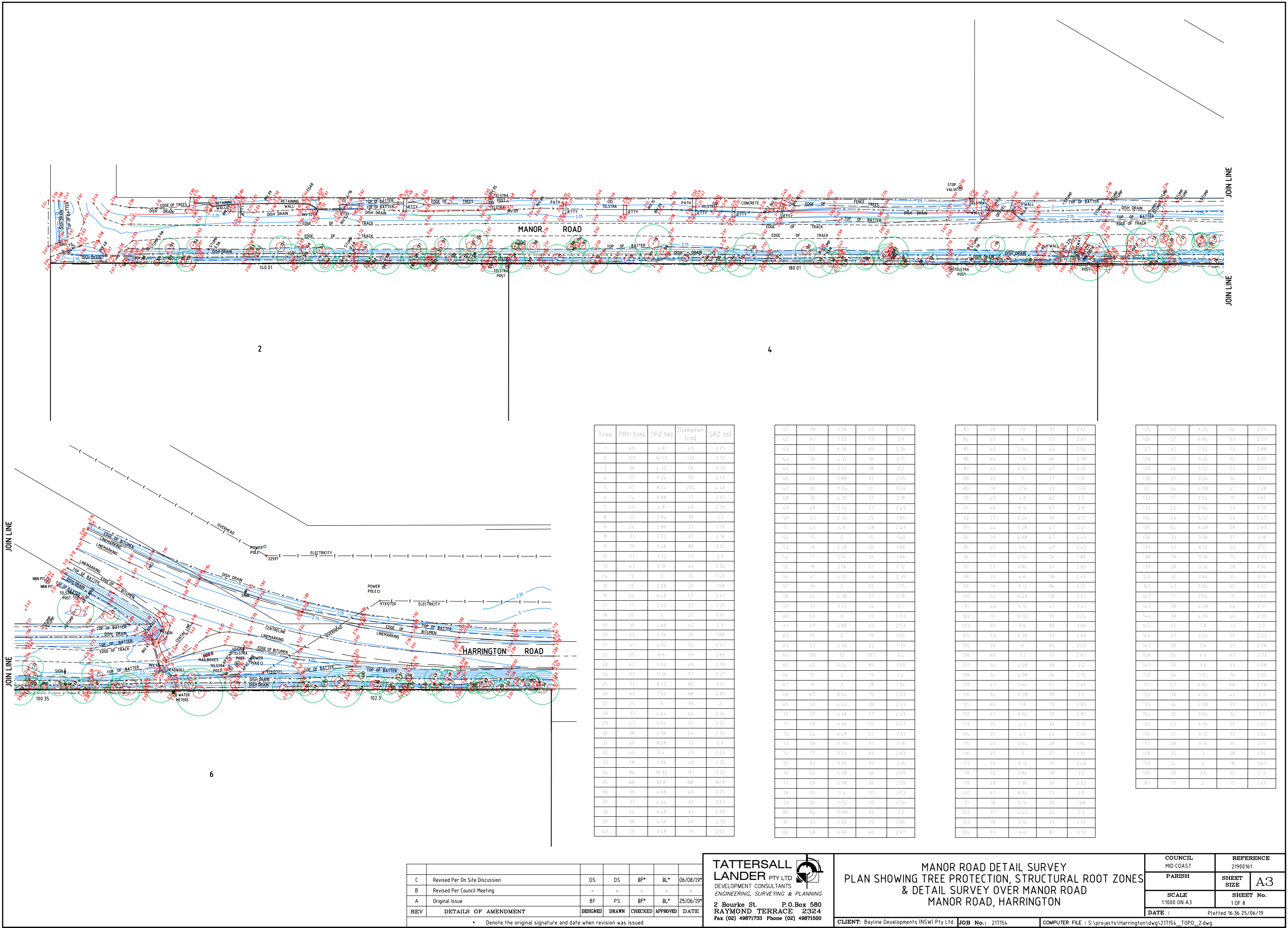




Tree	DBH (cm)	TPZ (m)	Diameter (cm)	SRZ (m)
1	4.0	4.8	4.9	2.25
2	121	16.52	132	3.72
3	36	4.32	56	2.59
4	77	9.24	75	2.93
5	67	8.04	204	4.46
6	74	8.88	77	2.97
7	4.0	4.8	4.6	2.39
8	32	3.84	38	2.2
9	24	2.88	23	1.79
10	31	3.72	37	2.18
11	79	9.48	88	3.14
12	61	7.32	73	2.9
13	4.3	5.16	4.4	2.34
14	12	2	15	1.49
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	4.6	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	4.4	2.34
29	47	5.64	55	2.57
30	38	4.56	4.4	2.34
31	69	8.28	73	2.9
32	45	5.4	4.9	2.45
33	58	6.96	4.0	2.25
34	86	10.32	101	3.32
35	NR	N/A	NR	N/A
36	39	4.68	4.0	2.25
37	37	4.44	61	2.69
38	54	6.48	61	2.69
39	38	4.56	4.6	2.39
40	29	3.68	31	2.02

41	38	4.56	4.3	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	3.46
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	4.8	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	4.6	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	62	2.71
144	38	4.56	4.6	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

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.						

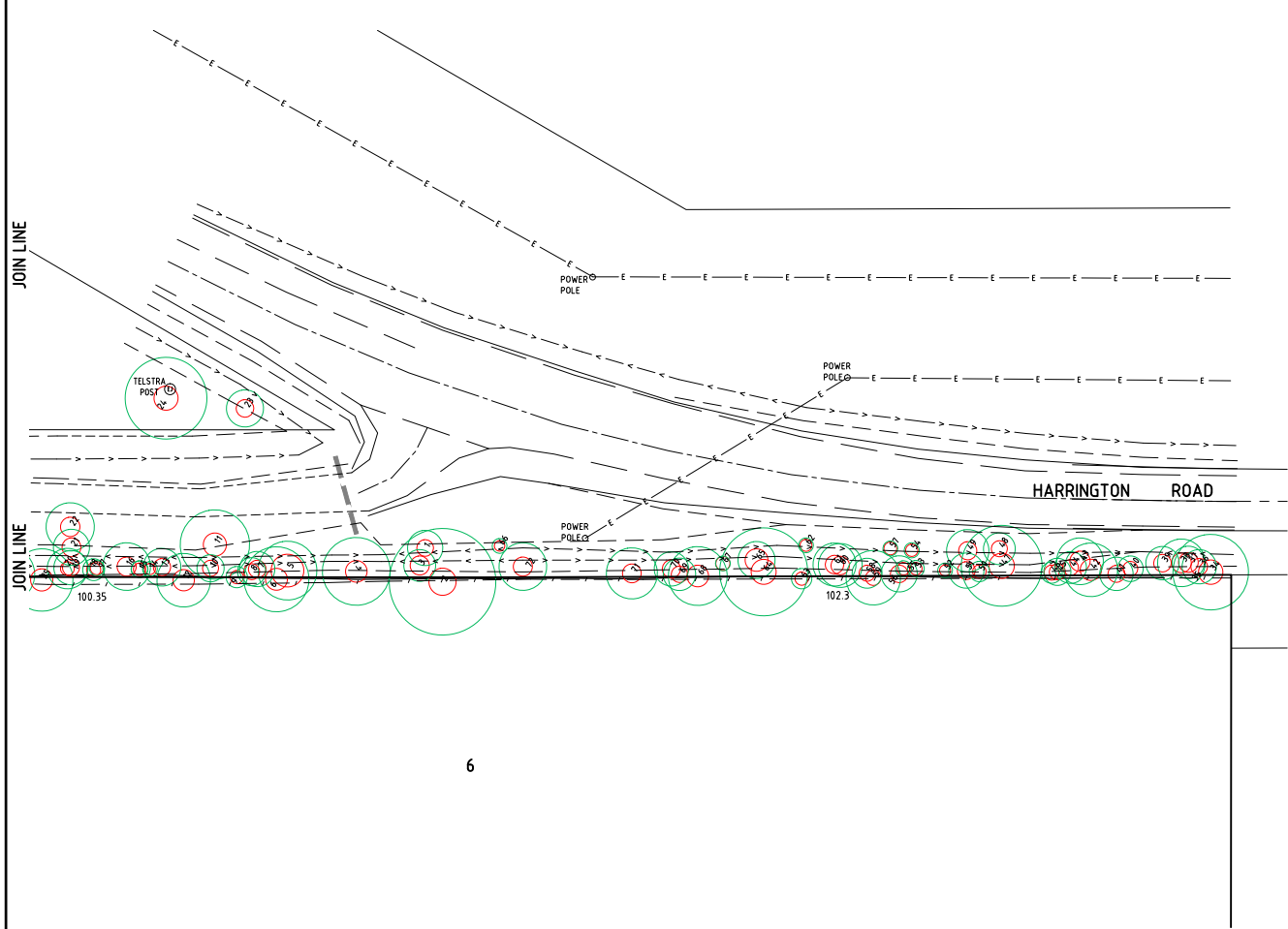
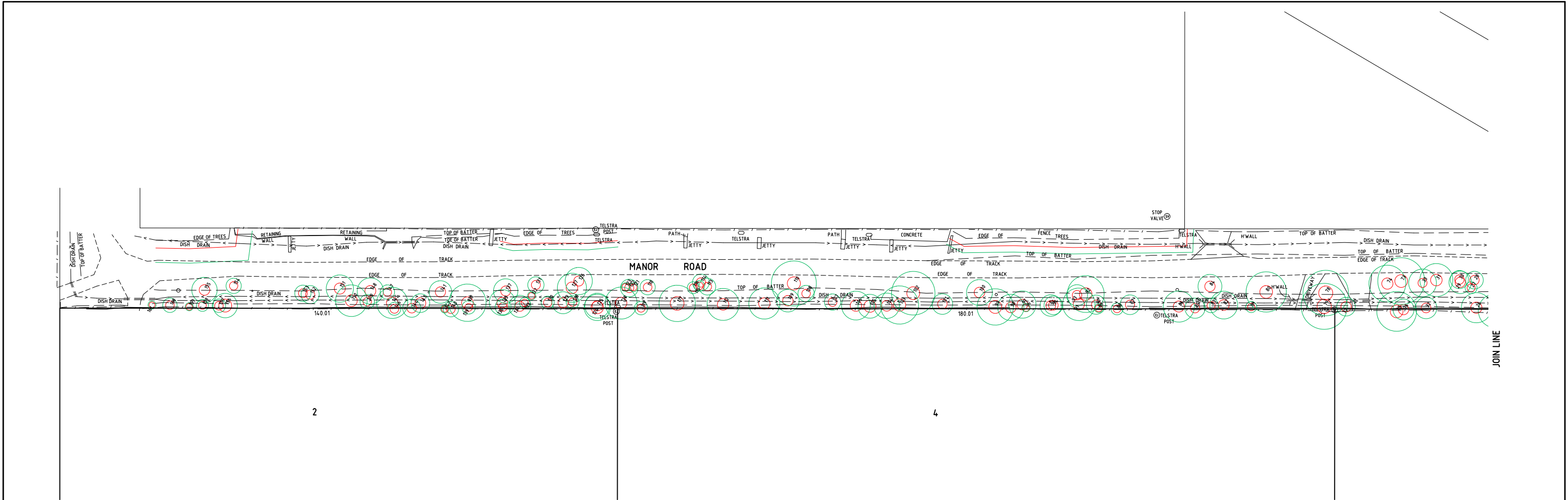
TATTERSALL LANDER PTY LTD
DEVELOPMENT CONSULTANTS
ENGINEERING, SURVEYING & PLANNING

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

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 8
DATE :	Plotted 16/36 25/06/19



Tree	DBH (cm)	TPZ (m)	Diameter (cm)	SRZ (m)
1	40	4.8	4.9	2.25
2	121	16.52	132	3.72
3	36	4.32	56	2.59
4	77	9.24	75	2.93
5	67	8.04	204	4.46
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	4.9	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	4.6	2.39
40	29	3.68	31	2.02

41	38	4.56	4.3	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	3.46
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	4.8	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	4.9	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	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

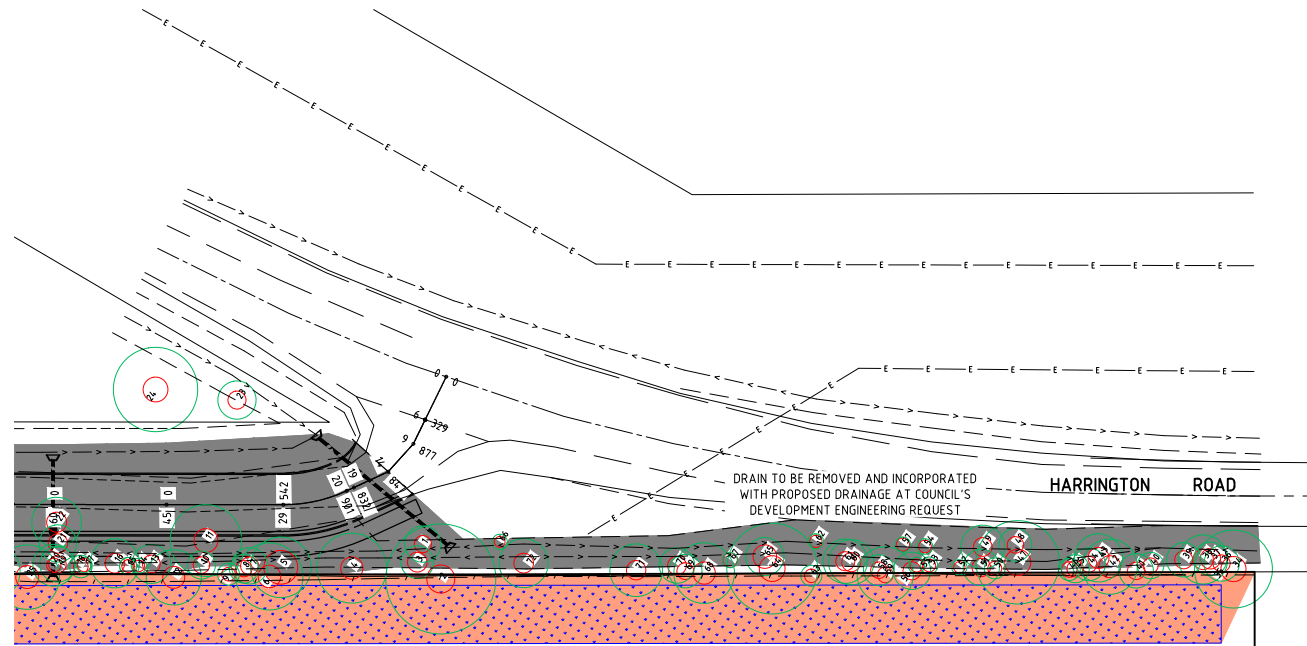
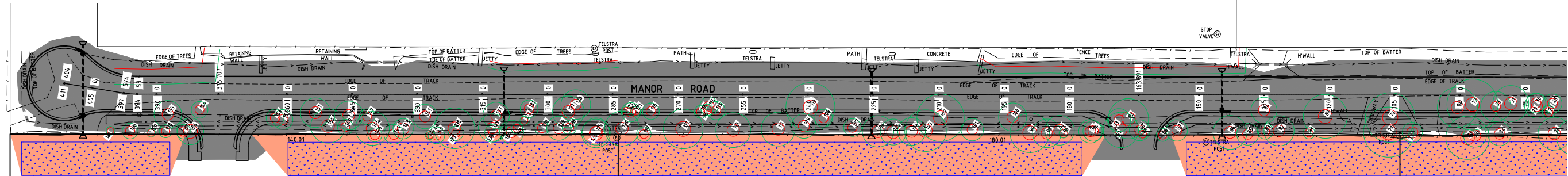
C	Revised Per On Site Discussion	DS	DS	BF*	BL*	06/08/19*
B	Revised Per Council Meeting	-	-	-	-	-
A	Original Issue	BF	PS	BF*	BL*	25/06/19*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL LANDER Pty Ltd
DEVELOPMENT CONSULTANTS

SCALE : 1:1000 (for A3 Size Plot)
COMPUTER FILE : S:\projects\Harrington\dwg\217154_TOP0_2.dwg

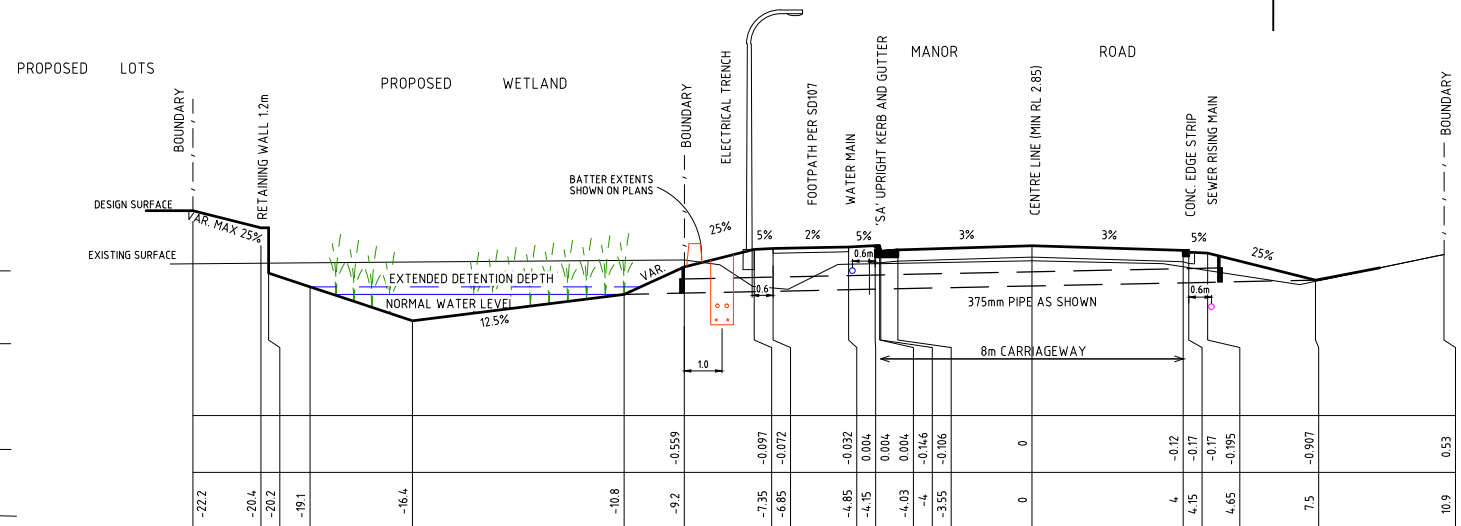
SHEET No. : 2
JOB No. : 217154
DATE : Plotted 16/36 25/06/19

FILE : 21900162
DATE : 25/06/19
SHEET SIZE : A3



LEGEND

- PROPOSED PIPE
- EXISTING DRAIN
- MANOR ROAD EXTENT OF BATTER TO EXISTING - OPTION 1
- PROPOSED WETLAND EXTENT OF BATTER TO EXISTING
- TREE TAG NUMBER
- TREE STRUCTURAL ROOT ZONE (SRZ)
- TREE PROTECTION ZONE (TPZ)



TYPICAL SECTION - MANOR ROAD UPGRADE
OPTION 1 - COUNCIL ENGINEERING MINIMUM REQUIREMENTS
1:200 (NATURAL)

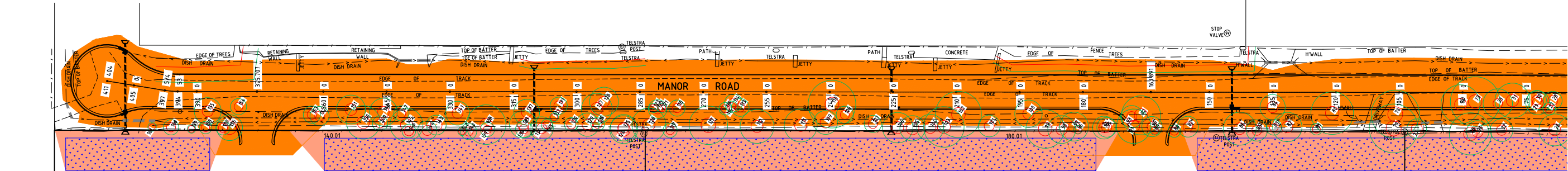
DESIGN LEVEL	EXISTING LEVEL	CHAINAGE
3.051	3.051	0
3.353	3.353	6.329
3.421	3.421	9.877
3.343	3.343	14.847
3.197	3.197	19.832
3.176	3.176	20.901
3.075	3.075	29.542
3.03	3.03	30
2.94	2.94	45
2.85	2.549	60
2.895	2.496	75
2.94	2.493	90
2.982	2.531	104
2.979	2.573	105
2.934	2.59	120
2.889	2.86	135
2.86	2.625	144.667
2.876	2.915	150
2.918	2.61	163
2.921	2.587	163.891
2.966	3.001	165
3.001	2.596	180
2.991	2.617	191.667
2.946	2.901	195
2.901	2.9	210
2.944	2.608	225
2.989	2.606	235.334
3.032	2.563	240
3.03	2.598	245
2.985	2.63	269.335
2.94	2.91	270
2.925	2.672	285
2.97	2.716	300
3.015	2.695	300.03
3.057	3.057	315
3.054	2.607	330
3.009	2.606	345
3.007	2.604	358.964
2.964	2.531	360
2.95	2.515	375
2.941	2.499	390
2.919	2.496	394.53
2.9	2.556	397.575
		405
		411.404

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

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised Per On Site Discussion	DS	DS	8F*	8L*	06/05/19*
B	Revised Per Council Meeting	DS	DS	-	-	-
A	Original Issue	DS	DS	-	-	-
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

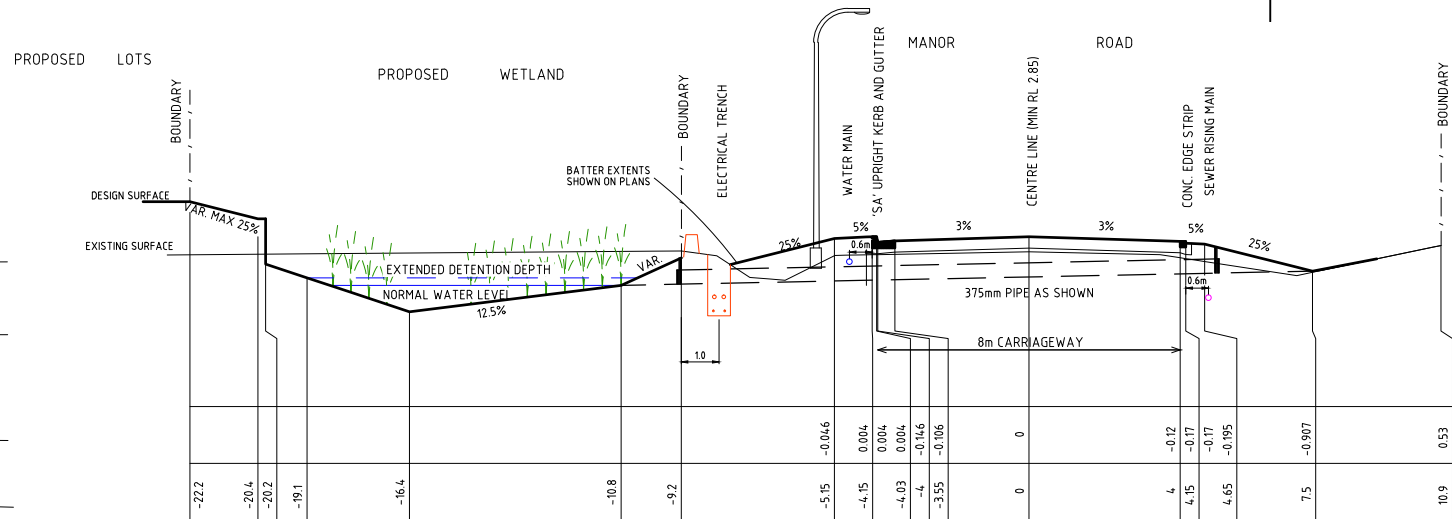
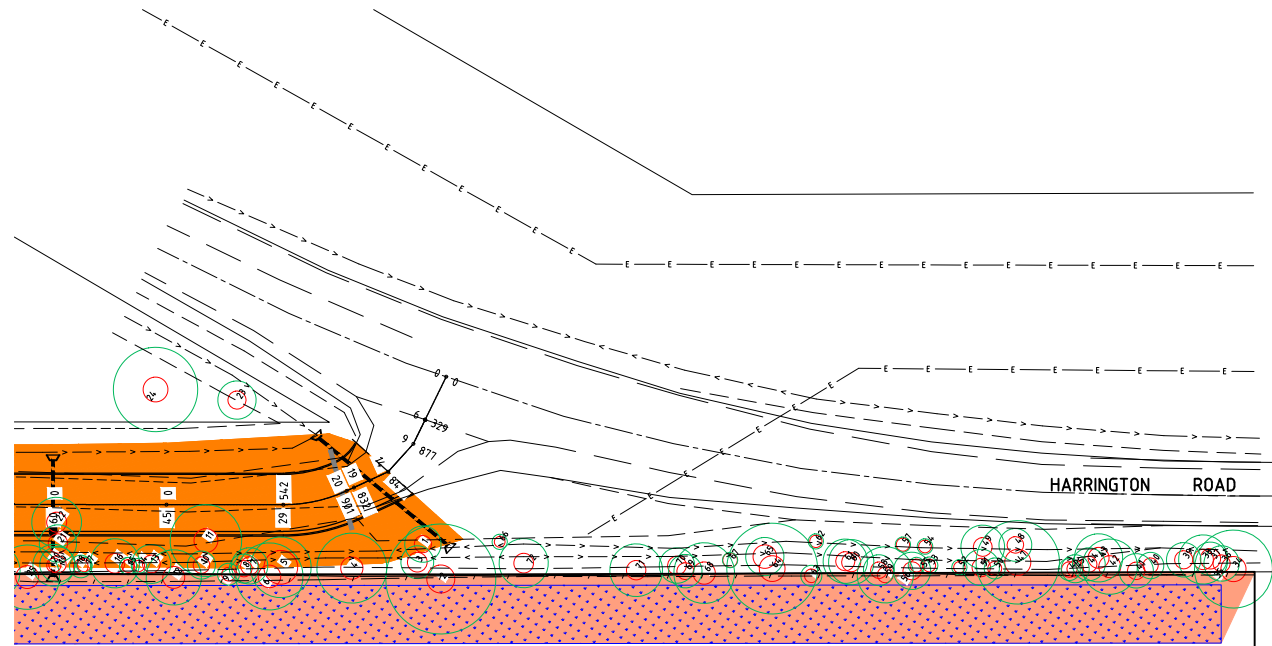
TREE PROTECTION & STRUCTURAL ROOT ZONES WITH MANOR ROAD UPGRADE OVERLAY
OPTION 1

TATTERSALL LANDER Pty Ltd DEVELOPMENT CONSULTANTS	SCALE : 1:1000 (for A3 Size Plot)	SHEET No. : 3	FILE : 21900163	SHEET SIZE : A3
		JOB No. : 217154	DATE : Plotted 16/37 25/06/19	
		COMPUTER FILE : S:\projects\Harrington\dwg\217154_TOP0_2.dwg		



2

4



TYPICAL SECTION - MANOR ROAD UPGRADE
OPTION 2 - NO FOOTPATH
1:200 (NATURAL)

CHAINAGE	DESIGN LEVEL	EXISTING LEVEL
0	3.051	3.051
6.329	3.353	3.353
9.877	3.421	3.421
14.847	3.343	3.343
19.832	3.197	3.197
20.901	3.176	3.176
25.542	3.075	3.075
30	3.008	3.008
45	2.738	2.738
60	2.549	2.85
75	2.496	2.895
90	2.493	2.94
104	2.982	2.982
105	2.531	2.979
120	2.573	2.934
135	2.59	2.889
144.647	2.86	2.86
150	2.625	2.876
163	2.915	2.915
163.891	2.611	2.918
165	2.61	2.921
180	2.587	2.966
191.667	3.001	3.001
195	2.596	2.991
210	2.617	2.946
225	2.608	2.901
225.334	2.9	2.9
240	2.606	2.944
255	2.611	2.989
269.335	3.032	3.032
270	2.563	3.03
285	2.598	2.985
300	2.63	2.94
310.003	2.91	2.91
315	2.672	2.925
330	2.716	2.97
345	2.695	3.015
358.964	3.057	3.057
360	2.67	3.054
375	2.606	3.009
375.707	2.604	3.007
390	2.531	2.964
394.53	2.515	2.95
397.575	2.499	2.941
405	2.496	2.919
411.404	2.556	2.9

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

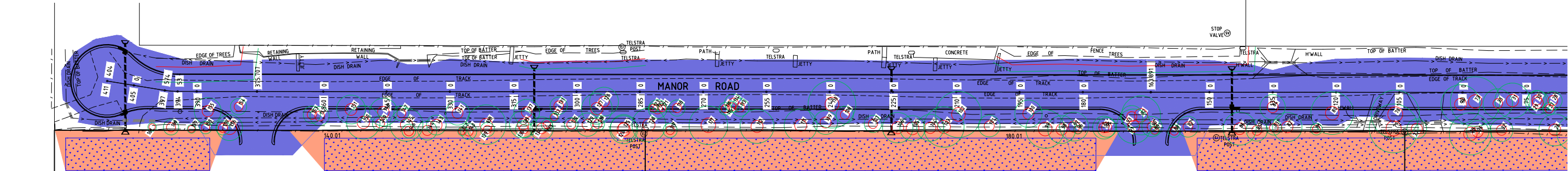
LEGEND

- PROPOSED PIPE
- EXISTING DRAIN
- MANOR ROAD EXTENT OF BATTER TO EXISTING - OPTION 2
- PROPOSED WETLAND EXTENT OF BATTER TO EXISTING
- TREE TAG NUMBER
- TREE STRUCTURAL ROOT ZONE (SRZ)
- TREE PROTECTION ZONE (TPZ)

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised Per On Site Discussion	DS	DS	BF*	BL*	06/08/19*
B	Revised Per Council Meeting	DS	DS	-	-	-
A	Original Issue	DS	DS	-	-	-

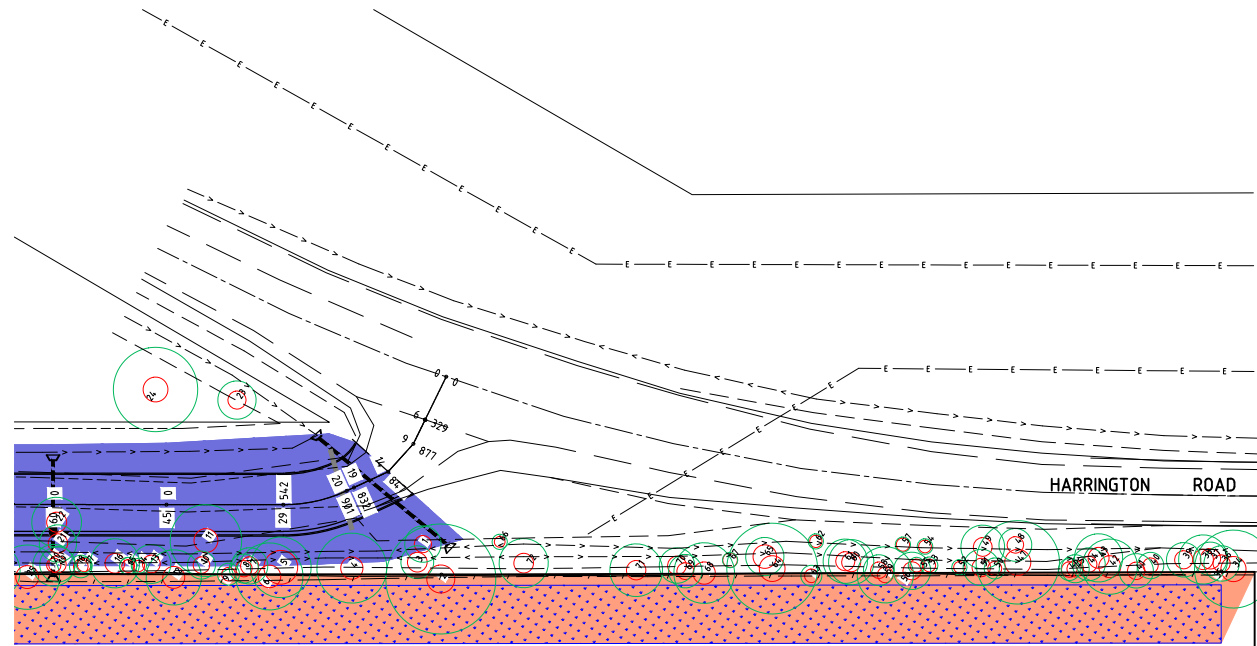
TREE PROTECTION & STRUCTURAL ROOT ZONES WITH MANOR ROAD UPGRADE OVERLAY OPTION 2

TATTERSALL LANDER Pty Ltd DEVELOPMENT CONSULTANTS	SCALE : 1:1000 (for A3 Size Plot)	SHEET No. : 4	FILE : #####	SHEET SIZE : A3
		JOB No. : 217154	DATE : Plotted 16/37 25/06/19	
		COMPUTER FILE : S:\projects\Harrington\dwg\217154_TOP0_2.dwg		



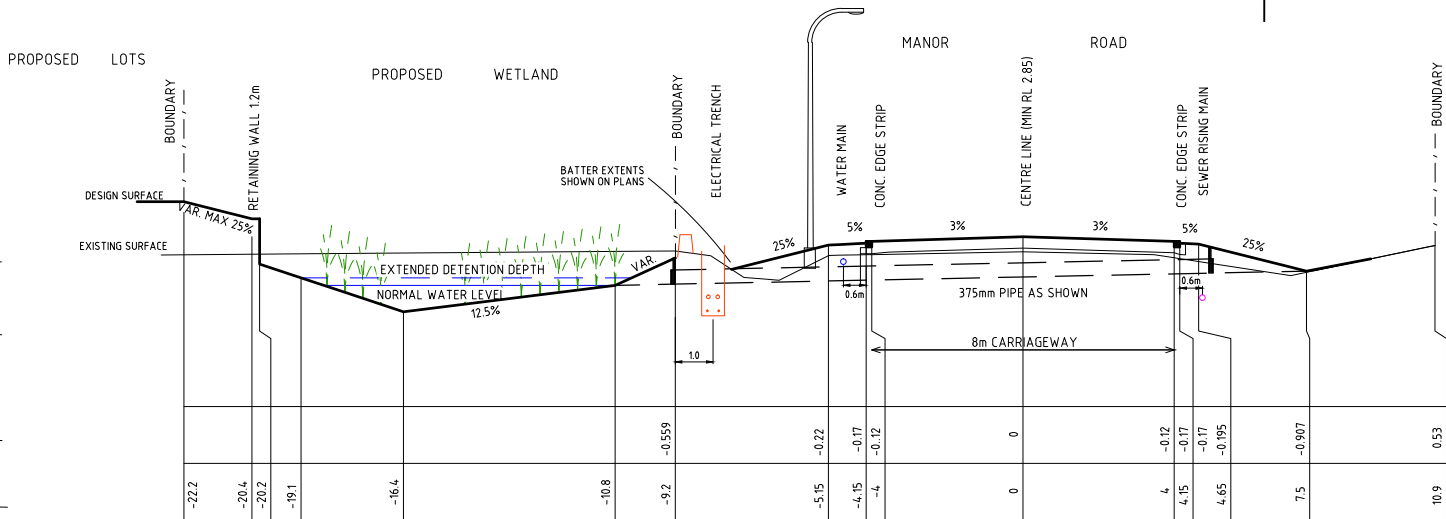
2

4



LEGEND

- PROPOSED PIPE
- EXISTING DRAIN
- MANOR ROAD EXTENT OF BATTER TO EXISTING - OPTION 3
- PROPOSED WETLAND EXTENT OF BATTER TO EXISTING
- TREE TAG NUMBER
- TREE STRUCTURAL ROOT ZONE (SRZ)
- TREE PROTECTION ZONE (TPZ)



TYPICAL SECTION - MANOR ROAD UPGRADE
OPTION 3 - NO FOOTPATH OR K&G
1:200 (NATURAL)

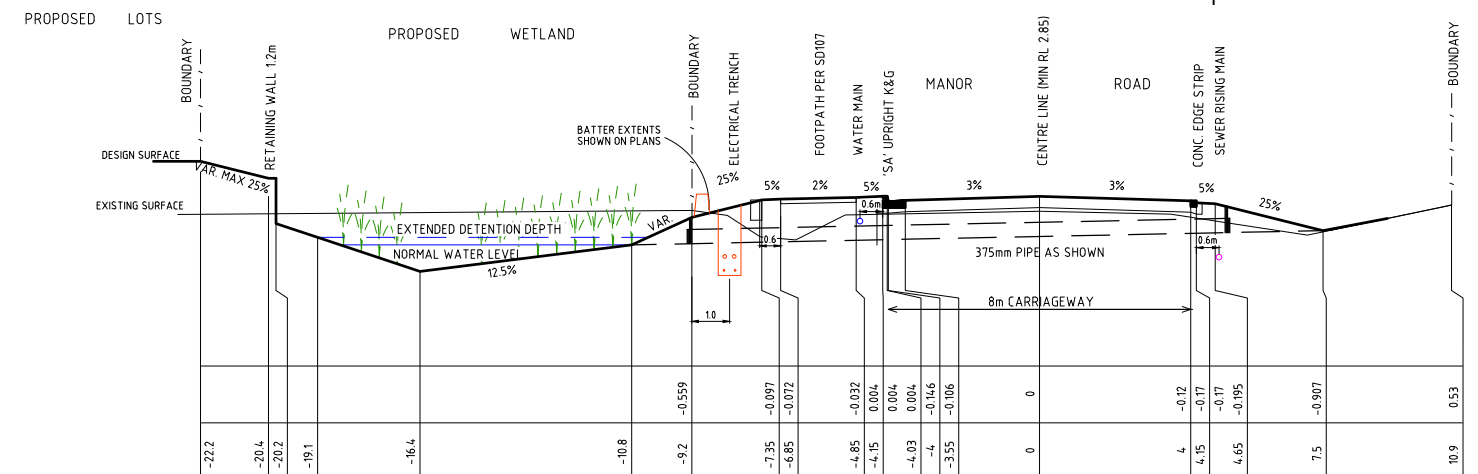
DESIGN LEVEL	EXISTING LEVEL	CHAINAGE
3.051	3.051	0
3.353	3.353	6.329
3.421	3.421	9.877
3.343	3.343	14.847
3.197	3.197	19.832
3.176	3.176	20.901
3.075	3.075	29.542
3.008	3.008	30
2.738	2.738	45
2.549	2.549	60
2.496	2.496	75
2.493	2.493	90
2.531	2.531	104
2.573	2.573	105
2.59	2.59	135
2.625	2.625	144.667
2.611	2.611	163
2.61	2.61	165
2.587	2.587	180
2.596	2.596	191.667
2.617	2.617	195
2.608	2.608	210
2.606	2.606	225
2.611	2.611	225.334
2.563	2.563	240
2.598	2.598	255
2.63	2.63	269.335
2.672	2.672	270
2.716	2.716	285
2.695	2.695	300
2.67	2.67	310.033
2.606	2.606	315
2.531	2.531	330
2.575	2.575	345
2.496	2.496	358.964
2.556	2.556	360
2.606	2.606	375
2.604	2.604	375.707
2.531	2.531	390
2.575	2.575	394.53
2.496	2.496	397.575
2.556	2.556	405
2.556	2.556	411.404

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

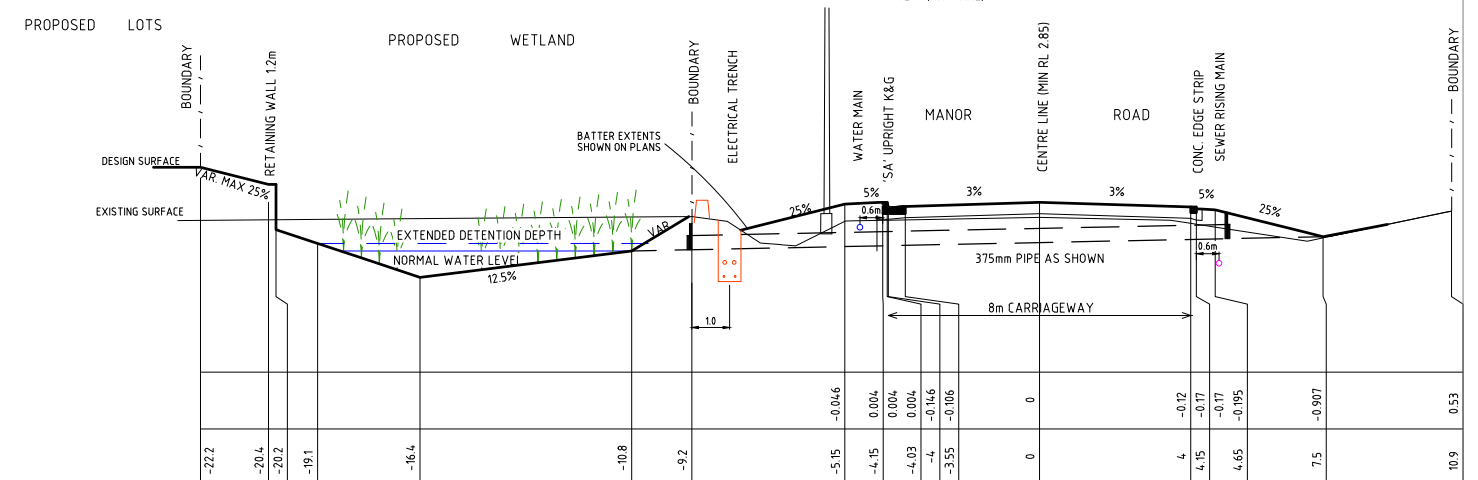
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised Per On Site Discussion	DS	DS	BF*	BL*	06/08/19*
B	Revised Per Council Meeting	DS	DS	-	-	-
A	Original Issue	DS	DS	-	-	-

TREE PROTECTION & STRUCTURAL ROOT ZONES WITH MANOR ROAD UPGRADE OVERLAY OPTION 3

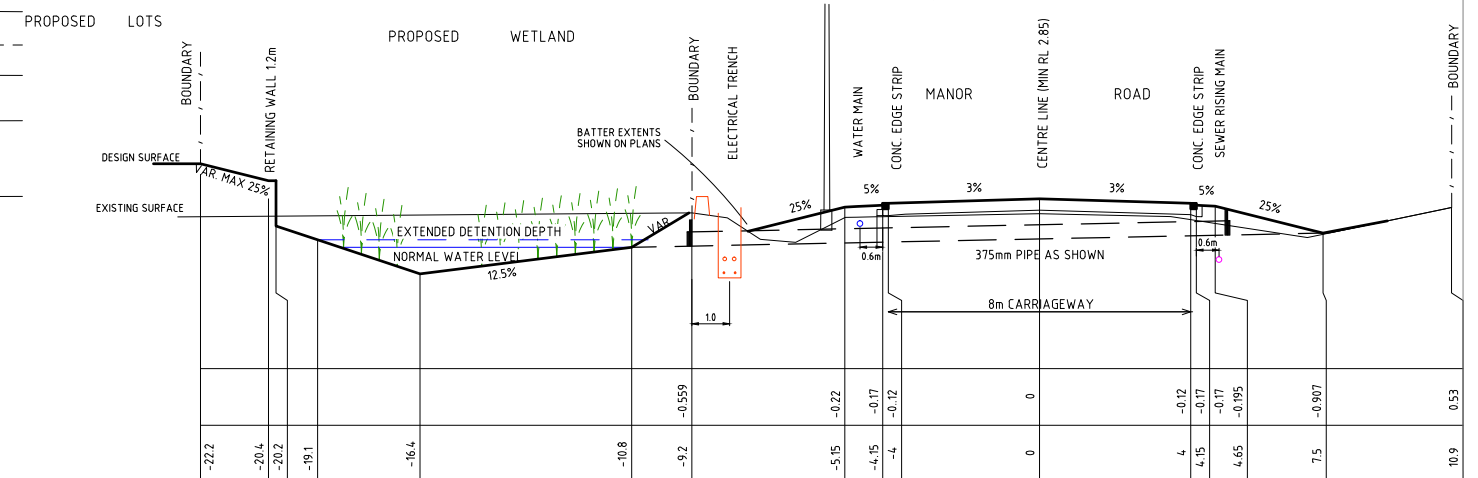
TATTERSALL LANDER Pty Ltd DEVELOPMENT CONSULTANTS	SCALE : 1:1000 (for A3 Size Plot)	SHEET No. : 5	FILE : #####	SHEET SIZE : A3
		JOB No. : 217154	DATE : Plotted 16/37 25/06/19	
		COMPUTER FILE : S:\projects\Harrington\dwg\217154_TOP0_2.dwg		



OPTION 1 - COUNCIL ENGINEERING MINIMUM REQUIREMENTS

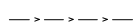


OPTION 2 - NO FOOTPATH
1:200 (NATURAL)



OPTION 3 - NO FOOTPATH OR K&G
1:200 (NATURAL)



- | | |
|---|--|
|  | PROPOSED PIPE |
|  | EXISTING DRAIN |
|  | MANOR ROAD EXTENT OF BATTER TO EXISTING OPTION 1 |
|  | MANOR ROAD EXTENT OF BATTER TO EXISTING OPTION 2 |
|  | MANOR ROAD EXTENT OF BATTER TO EXISTING OPTION 3 |
|  | PROPOSED WETLAND EXTENT OF BATTER TO EXISTING |
|  | TREE TAG NUMBER |
|  | TREE STRUCTURAL ROOT ZONE (SRZ) |
|  | TREE PROTECTION ZONE (TPZ) |

C	Revised Per On Site Discussion	DS	DS	BF*	BL*	06/08/19
B	Revised Per Council Meeting	DS	DS	-	-	-
A	Original Issue	DS	DS	-	-	-
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
*	Denote the original signature and date when revision was issued.					

TREE PROTECTION & STRUCTURAL ROOT ZONES WITH MANOR ROAD UPGRADE OVERLAY
 COMPARISON OF OPTIONS 1 TO 3

**TATTERSALL
LANDER** Pty Ltd
DEVELOPMENT CONSULTANTS



SCALE : 
(1:1000 for A3 Size Plot)
COMPUTER FILE : S:\projec

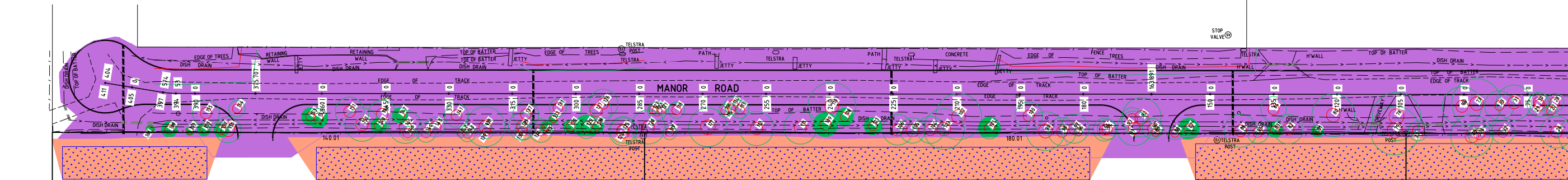
SHEET No. :6
JOB No. : 21715

FILE : #####	SH S
DATE : Plotted 16:37 25/06/19	A

217154 TOP0 2.dwg

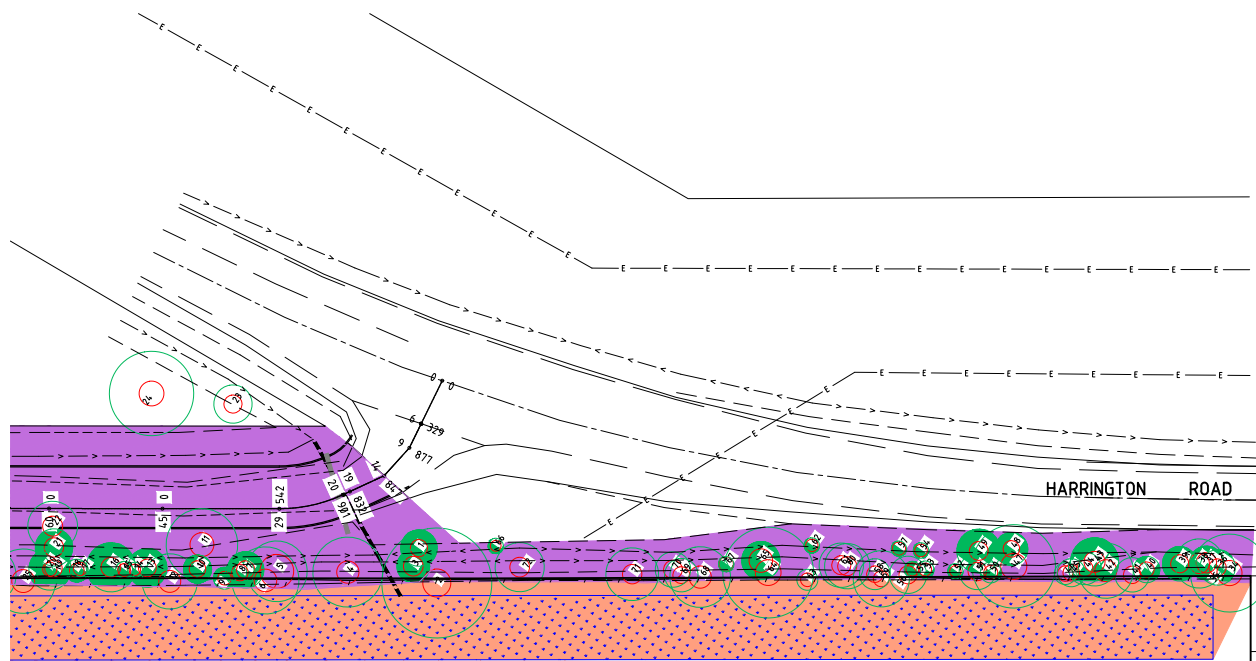
SHEET
SIZE
A3

COMPUTER FILE : S:\projects\Harrington\dwg\217154 TOPO 2.dwg



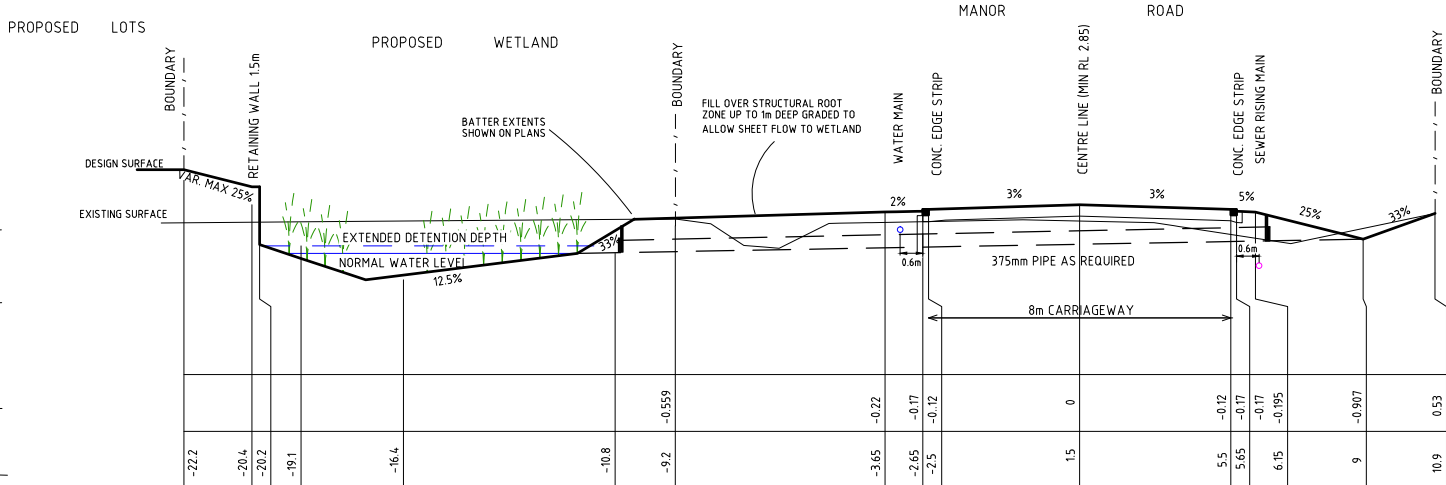
2

4



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



TYPICAL SECTION - MANOR ROAD UPGRADE
OPTION 4 - ALIGNMENT ADJUSTED & FILL OVER SRZ
1:200 (NATURAL)

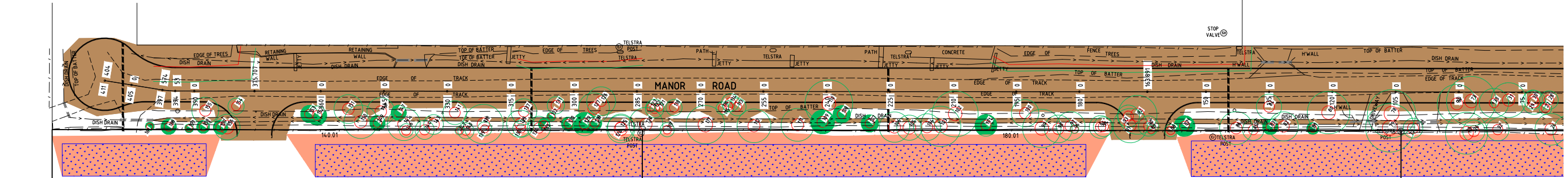
DESIGN LEVEL	EXISTING LEVEL	CHAINAGE
3.051	3.051	0
3.353	3.353	6.329
3.421	3.421	9.877
3.343	3.343	14.847
3.197	3.197	19.832
3.176	3.176	20.901
3.075	3.075	29.542
3.039	3.039	30
3.03	3.03	45
2.94	2.94	60
2.85	2.85	75
2.496	2.496	90
2.493	2.493	104
2.531	2.531	105
2.573	2.573	120
2.59	2.59	135
2.625	2.625	144.667
2.611	2.611	163
2.61	2.61	165
2.587	2.587	180
2.596	2.596	191.667
2.617	2.617	195
2.608	2.608	210
2.606	2.606	225
2.611	2.611	225.334
2.563	2.563	240
2.598	2.598	255
2.63	2.63	269.335
2.604	2.604	270
2.672	2.672	285
2.716	2.716	300
2.695	2.695	310.033
2.67	2.67	315
2.606	2.606	330
2.604	2.604	345
2.531	2.531	358.964
2.575	2.575	360
2.496	2.496	375
2.556	2.556	375.707
2.556	2.556	390
2.496	2.496	394.53
2.556	2.556	397.575
2.556	2.556	405
2.556	2.556	411.404

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

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised Per On Site Discussion	DS	DS	8F*	8L*	06/08/19*
B	Revised Per Council Meeting	DS	DS	-	-	-
A	Original Issue	DS	DS	-	-	-
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

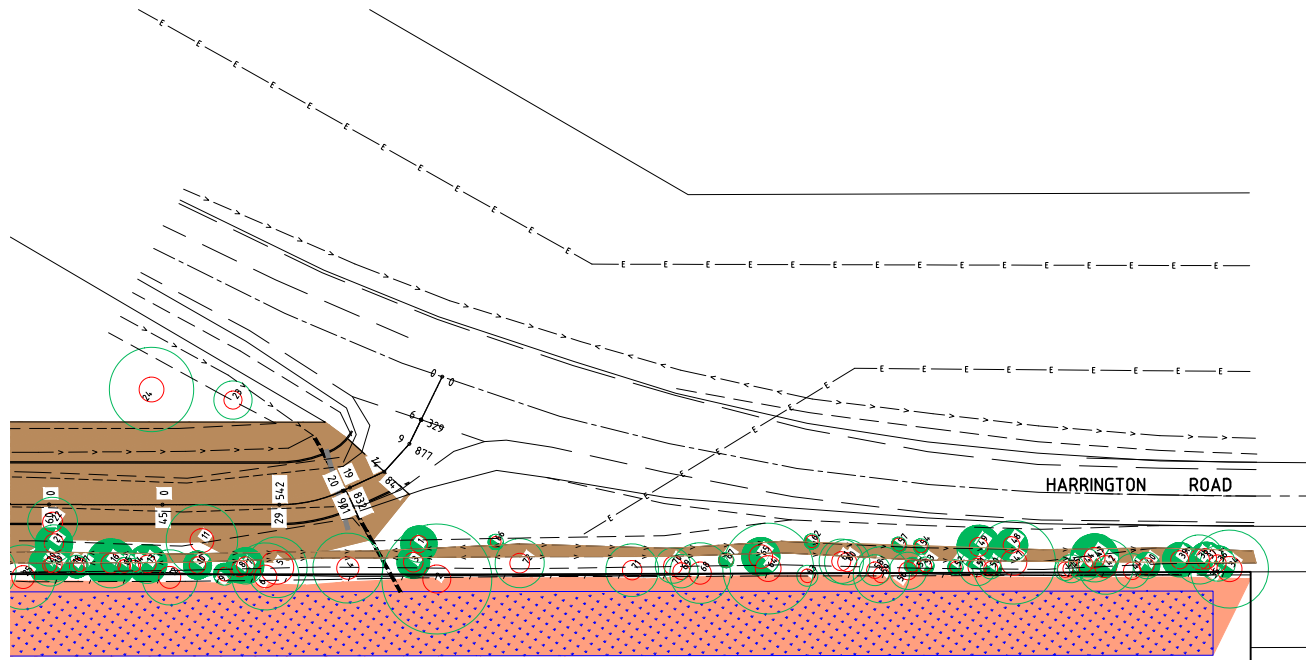
TREE PROTECTION & STRUCTURAL ROOT ZONES WITH MANOR ROAD UPGRADE OVERLAY
OPTION 4

TATTERSALL LANDER Pty Ltd DEVELOPMENT CONSULTANTS	SCALE : 1:1000 (for A3 Size Plot)	SHEET No. : 7	FILE : #####	SHEET SIZE : A3
		JOB No. : 217154	DATE : Plotted 16/37 25/06/19	
		COMPUTER FILE : S:\projects\Harrington\dwg\217154_TOP0_2.dwg		



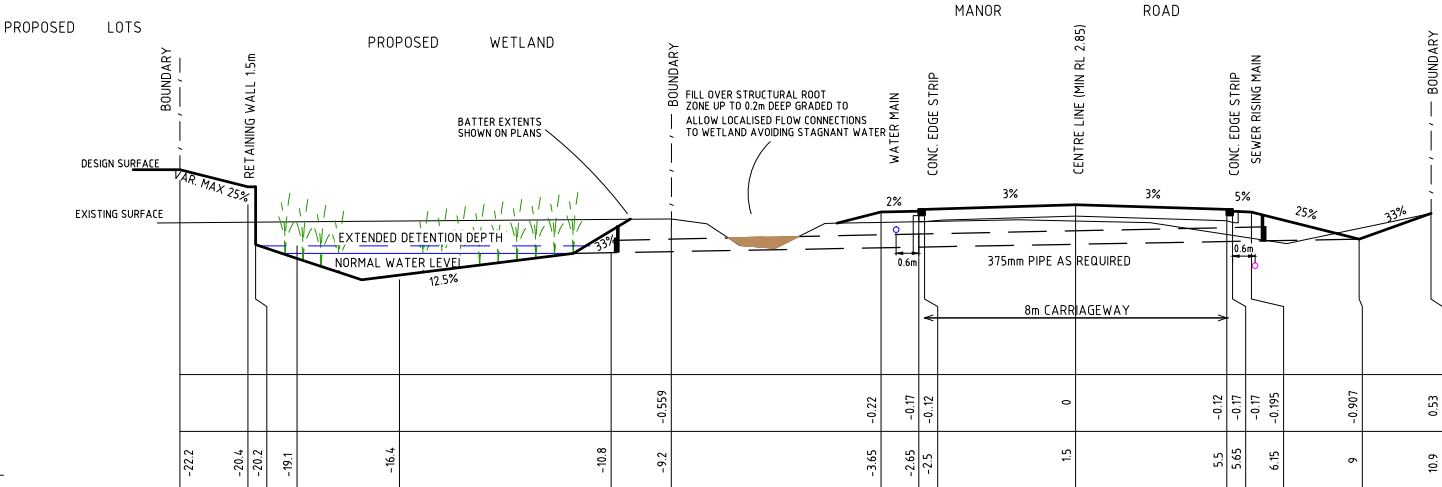
2

4



LEGEND

- PROPOSED PIPE
- EXISTING DRAIN
- MANOR ROAD EXTENT OF BATTER TO EXISTING - OPTION 5
- 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



TYPICAL SECTION - MANOR ROAD UPGRADE
OPTION 5 - ALIGNMENT ADJUSTED & FILL IN TOE OF DRAIN
1:200 (NATURAL)

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
3.197	3.197	19.832
3.218	3.176	20.901
3.075	3.075	29.542
3.039	3.039	30
2.94	2.738	45
2.85	2.549	60
2.496	2.496	75
2.493	2.493	90
2.531	2.531	104
2.573	2.573	105
2.59	2.59	120
2.625	2.625	135
2.611	2.611	144.667
2.61	2.61	150
2.587	2.587	163
2.596	2.596	163.891
2.617	2.617	165
2.608	2.608	180
2.606	2.606	191.667
2.611	2.611	195
2.563	2.563	210
2.598	2.598	225
2.63	2.63	225.334
2.672	2.672	240
2.716	2.716	255
2.695	2.695	269.335
2.67	2.67	270
2.606	2.606	285
2.604	2.604	300
2.531	2.531	300.03
2.575	2.575	315
2.499	2.499	330
2.496	2.496	345
2.556	2.556	358.964
2.556	2.556	360
2.606	2.606	375
2.604	2.604	375.707
2.531	2.531	390
2.575	2.575	394.53
2.499	2.499	397.575
2.496	2.496	405
2.556	2.556	411.404
2.556	2.556	411.404

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

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised Per On Site Discussion	DS	DS	8F*	8L*	06/08/19*
B	Revised Per Council Meeting	DS	DS	-	-	-
A	Original Issue	DS	DS	-	-	-
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TREE PROTECTION & STRUCTURAL ROOT ZONES WITH MANOR ROAD UPGRADE OVERLAY
OPTION 5

TATTERSALL LANDER Pty Ltd DEVELOPMENT CONSULTANTS	SCALE : 1:1000 (for A3 Size Plot)	SHEET No. : 8	FILE : #####	SHEET SIZE : A3
		JOB No. : 217154	DATE : Plotted 16/37 25/06/19	
		COMPUTER FILE : S:\projects\Harrington\dwg\217154_TOP0_2.dwg		