



WARRINGAH GOLF CLUB

New golf and Community Club Development

Landscape Design Package

TABLE OF CONTENTS

L-01	Location Plan	Sheet 1
L-02	Site Plan / Scope of Works	Sheet 2
L-03	Existing Tree Management Plan.....	Sheet 3
L-04	Zone A - Planting Plan	Sheet 4
L-05	Zone B - Planting Plan	Sheet 5
L-06	Zone C - Planting Plan	Sheet 6
L-07	Zone D - Planting Plan	Sheet 7
L-08	Zone E - Planting Plan	Sheet 8
L-09	Specification & Details	Sheet 9

REVISION

Rev:	Date:	Issue:	Checked:
B	18/10/2022	Preliminary Issue	BF
C	16/11/2022	Preliminary Issue	BF
D	18/11/2022	DA Issue	BF
E	29/08/2023	DA Issue	BF

Prepared for:
Warringah Golf Club Ltd.
ABN:15 000 085 601



Prepared by:
Serenescapes
Landscape Designs Pty. Ltd.





Image Source:
SIXmaps

Note:
- Contractors to check and verify all dimensions and all levels on site prior to any works.
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.
- Dimensions recognised over scaling. All measurements are in millimetres.
- Copyright Serenescapes Landscape Designs 2022.



Serenescapes Landscape Designs
ABN 71 611 726 222

Suite 54, 14 Narabang Way
Belrose NSW 2085
Tel: 02 9986 2157
info@serenescapes.com.au
www.serenescapes.com.au



Client:
Warringah Golf Club Ltd.
ABN:15 000 085 601

Project: New Warringah Golf & Community Club Clubhouse
Site Address: 433 Pittwater Road
North Manly NSW 2100

Drawing Title: Landscape Design
Location Plan
Project Number: 21956
Scale: 1:500 @ A2
Drawn by: Ben Danks
TLA Member

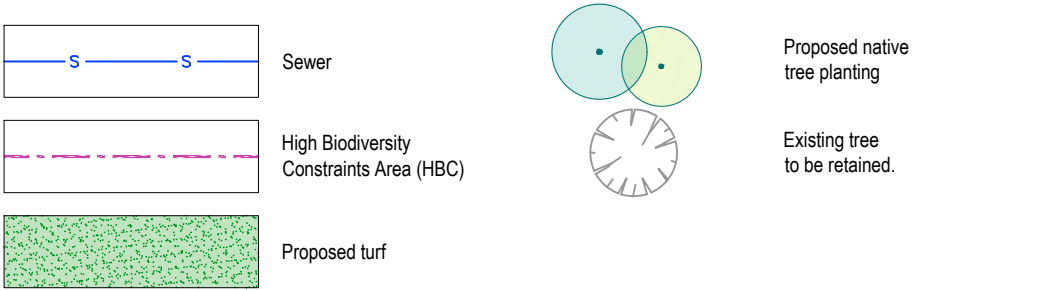
Rev:	Date:	Issue:	Checked:
B	18/10/2022	Preliminary Issue	BF
C	16/11/2022	Preliminary Issue	BF
D	18/11/2022	DA Issue	BF
E	29/08/2023	DA Issue	BF

Sheet Number:
L-01 of 9





LEGEND



KEY

- A. Native tree planting to replace those removed for construction. To be planted in small groups to provide amenity to the lawn area and to frame views from the clubhouse into the course.
 - B. Mixed native planting of low shrubs, grasses and groundcovers.
 - C. Riparian planting using EEC species noted in the Flora and Fauna Constraints Assessment Report prepared by Narla Environmental to blend with future creek planting by Council.
 - D. Open lawn areas to provide open vistas to golf course and areas for children to play.
 - E. Access path to first tee and practice green. Avenue planting of small trees to create a sense of arrival / departure from the clubhouse.
 - F. Proposed bridge (Future works by Council).
 - G. New pipe with junction pit to convey flows to swale (Future works by Council).
 - H. Swale inlet (Future works by Council).
 - I. Relocated drainage swale (Future works by Council).
 - J. Creek rejuvenation and riparian planting (Future works by Council).
 - K. Existing foot bridge / stormwater headwall / bridge abutments to be removed and returned to natural state (Future works by Council).
 - L. High Biodiversity Constraints Area (HBC) - Remove weed and exempt vegetation species throughout HBC area as noted in Figure 5. Biodiversity development constraints mapped within the Subject Site from the Flora and Fauna Constraints Assessment Report prepared by Narla Environmental in-line with findings in the Arboricultural Impact Assessment prepared by Abnoba Arbor Arboricultural Services.
- A reduced area of lawn and a planting buffer between the club terrace and the creek is shown to maintain a sense of continuity in the vicinity of the clubhouse. A mix of endemic riparian species will be planted beyond with the intent to create a seamless interface to the future creek / riparian works by Council and an area high in ecological and habitat value.
- M. Maintain and supplement existing habitat planting adjacent Pittwater Road and through the golf course (Future works by Council).

Image Source:
SIXmaps

Note:
- Contractors to check and verify all dimensions and all levels on site prior to any works.
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.
- Dimensions recognised over scaling. All measurements are in millimetres.
- Copyright Serenescapes Landscape Designs 2022.



Serenescapes Landscape Designs
ABN 71 611 726 222

Suite 54, 14 Narabang Way
Belrose NSW 2085
Tel: 02 9986 2157
info@serenescapes.com.au
www.serenescapes.com.au



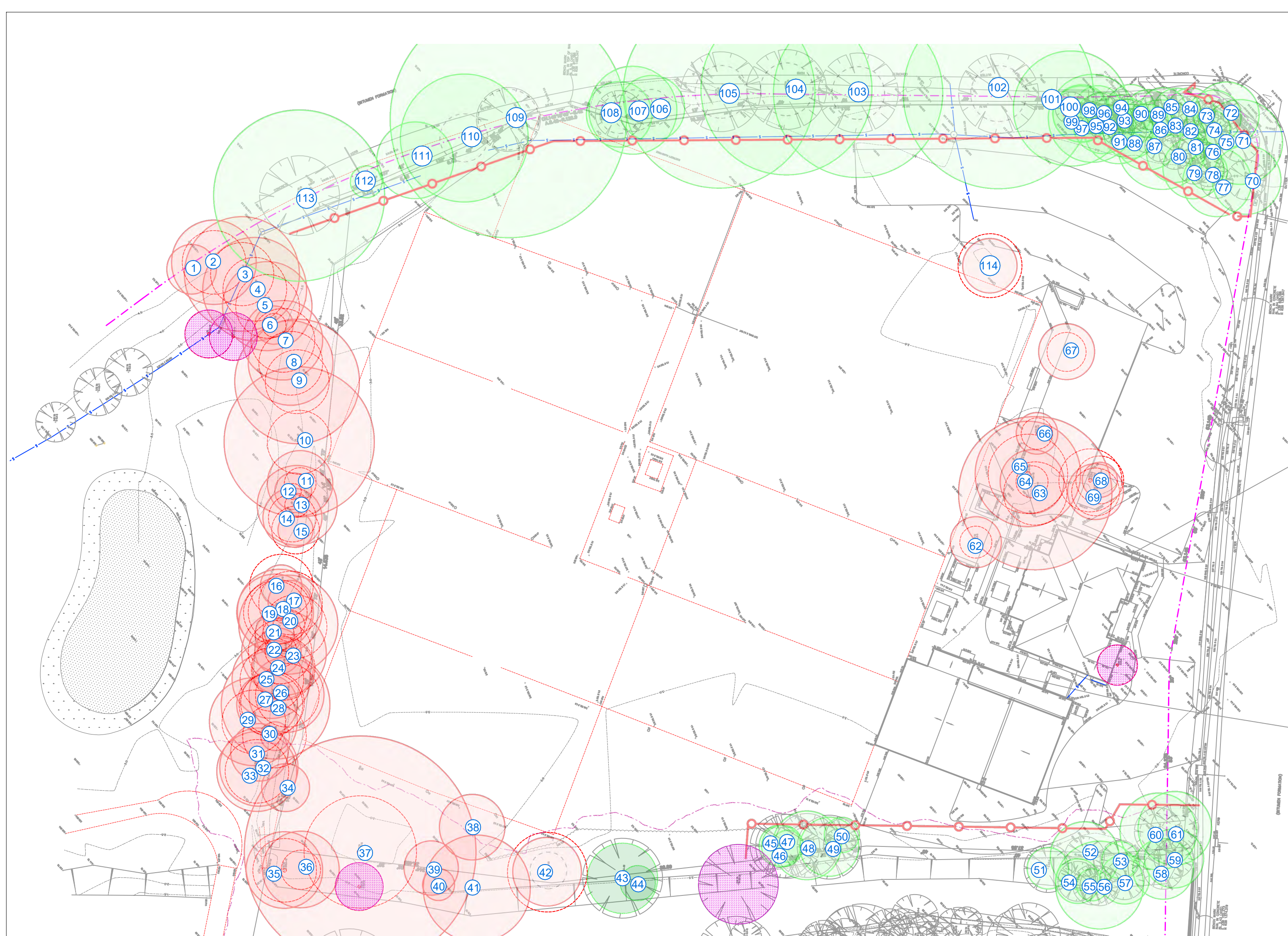
Client:
Warrigah Golf Club Ltd.
ABN:15 000 085 601

Project:
New Warrigah Golf &
Community Club Clubhouse
Site Address:
433 Pittwater Road
North Manly NSW 2100

Drawing Title:
Landscape Design
Site Plan / Scope of Works
Project Number:
21956
Scale:
1:250 @ A2
Sheet Number:
L-02 of 9

Rev:	Date:	Issue:	Checked:
B	18/10/2022	Preliminary Issue	BF
C	16/11/2022	Preliminary Issue	BF
D	18/11/2022	DA Issue	BF
E	29/08/2023	DA Issue	BF





Legend



Existing trees to be retained.

Located on site by C.M.S.

(Refer Survey plan 19741 detail, dated: 15.03.2021)



Existing trees to be removed.

Located on site by C.M.S.

(Refer Survey plan 19741 detail, dated: 15.03.2021)



Surveyed tree -

No longer present on site



Existing trees to be retained.

Located on site by Abnoba Arbor.

(Refer Arboricultural Impact Assessment, dated: 14.06.2023)



Existing trees to be removed.

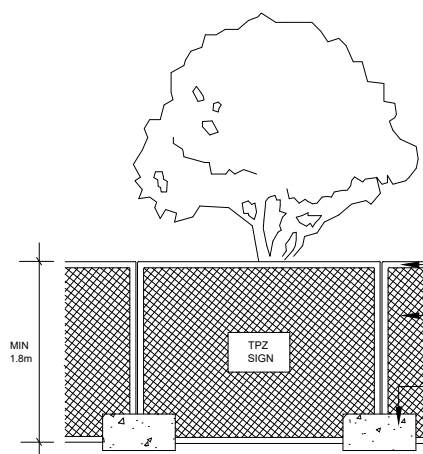
Located on site by Abnoba Arbor.

(Refer Arboricultural Impact Assessment dated 14.06.2023)



TPZ fencing to

Arborist's detail



Note:

- Contractors to check and verify all dimensions and all levels on site prior to any works.
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.
- Dimensions recognised over scaling. All measurements are in millimetres.
- Copyright Serenescapes Landscape Designs 2022.



Serenescapes Landscape Designs
ABN 71 611 726 222

Suite 54, 14 Narabang Way
Belrose NSW 2085
Tel: 02 9986 2157
info@serenescapes.com.au
www.serenescapes.com.au



Client:

Warringah Golf Club Ltd.
ABN:15 000 085 601

Project:

New Warringah Golf &
Community Club Clubhouse
Site Address: 433 Pittwater Road
North Manly NSW 2100

Drawing Title:

Landscape Design
Existing Tree Management Plan

Drawn by:
Ben Danks
TLA Member

Project Number:
21956
Scale:
1:400 @ A2

Sheet Number:
L-03 of 9

Rev:

Date:

Issue:

Checked:

B

18/10/2022

Preliminary Issue

BF

C

16/11/2022

Preliminary Issue

BF

D

18/11/2022

DA Issue

BF

E

29/08/2023

DA Issue

BF

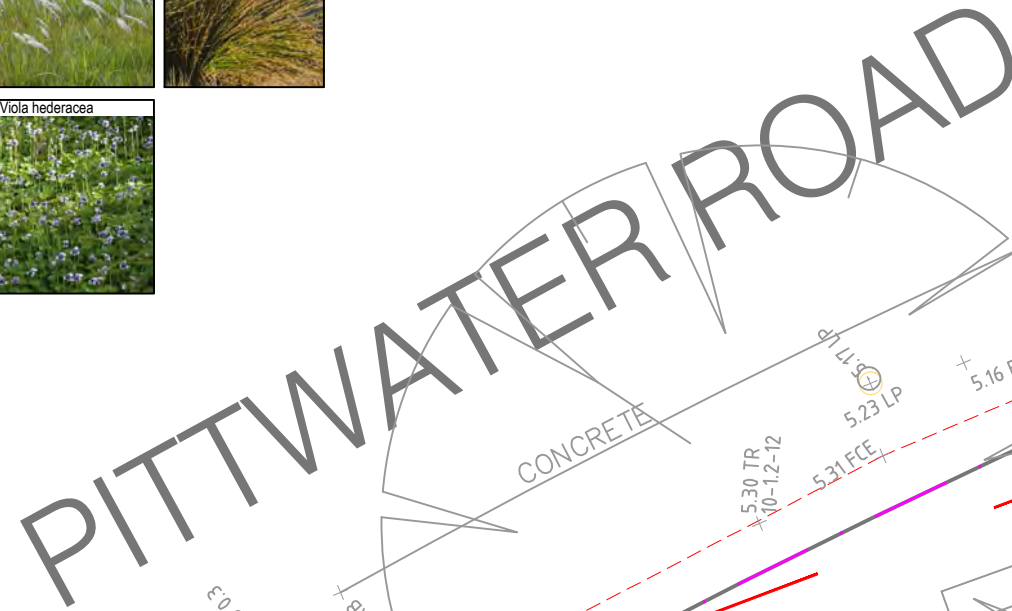


Tree ID	Tree Species	Height (M)	Spread (M) N, E, S, W	DBH (M)	DRB (M)	TP2 Radius (M)	TP2 Area (M2)	SR2 Radius (M)	SR2 Area (M2)	Remove / Retain
T1	Casuarina glauca (Swamp-Oak)	12	5,2,3,2	0.26	0.31	3.1	30.6	2.0	12.9	Remove
T2	Casuarina glauca (Swamp-Oak)	15	5,5,5,5	0.44	0.56	5.3	87.6	2.6	21.1	Remove
T3	Casuarina glauca (Swamp-Oak)	15	5,5,2,2	0.6	0.74	7.2	162.9	2.9	26.7	Remove
T4	Casuarina glauca (Swamp-Oak)	15	3,3,3,3	0.54	0.68	6.5	131.9	2.8	25.2	Remove
T5	Casuarina glauca (Swamp-Oak)	15	4,4,4,4	0.47	0.53	5.6	99.9	2.5	20.2	Remove
T6	Casuarina glauca (Swamp-Oak)	11	2,2,2,2	0.2	0.27	2.4	18.1	1.9	11.5	Remove
T7	Casuarina glauca (Swamp-Oak)	15	6,5,4,6	0.42	0.53	5.0	79.8	2.5	20.2	Remove
T8	Casuarina glauca (Swamp-Oak)	16	4,6,4,5	0.44	0.53	5.3	87.6	2.5	20.2	Remove
T9	Casuarina glauca (Swamp-Oak)	17	8,8,8,7	0.65	0.77	7.8	191.1	3.0	27.6	Remove
T10	Casuarina glauca (Swamp-Oak)	18	9,6,7,8	0.78	0.91	9.4	275.2	3.2	31.8	Remove
T11	Casuarina glauca (Swamp-Oak)	19	4,4,4,4	0.34	0.4	4.1	52.3	2.3	15.9	Remove
T12	Casuarina glauca (Swamp-Oak)	14	2,2,2,2	0.19	0.23	2.3	16.3	1.8	10.0	Remove
T13	Casuarina glauca (Swamp-Oak)	17	8,6,7,6	0.42	0.55	5.0	79.8	2.6	20.8	Remove
T14	Casuarina glauca (Swamp-Oak)	14	3,3,3,3	0.31	0.38	3.7	43.5	2.2	15.3	Remove
T15	Casuarina glauca (Swamp-Oak)	13	2,2,2,2	0.18	0.22	2.2	14.7	1.8	9.8	Remove
T16	Casuarina glauca (Swamp-Oak)	13	6,3,2,3	0.22	0.3	2.6	21.9	2.0	12.5	Remove
T17	Casuarina glauca (Swamp-Oak)	14	2,2,2,2	0.23	0.29	2.8	23.9	2.0	12.2	Remove
T18	Casuarina glauca (Swamp-Oak)	18	7,6,5,6	0.44	0.56	5.3	87.8	2.8	21.1	Remove
T19	Casuarina glauca (Swamp-Oak)	17	4,2,2,4	0.4	0.55	4.8	72.4	2.6	20.8	Remove
T20	Casuarina glauca (Swamp-Oak)	17	6,4,6,5	0.52	0.66	6.2	122.3	2.8	24.3	Remove
T21	Casuarina glauca (Swamp-Oak)	13	2,2,2,2	0.24	0.29	2.9	28.1	2.0	12.2	Remove
T22	Casuarina glauca (Swamp-Oak)	14	3,2,2,3	0.24	0.29	2.9	26.1	2.0	12.2	Remove
T23	Casuarina glauca (Swamp-Oak)	19	6,5,6,7	0.44	0.46	5.3	87.6	2.4	17.9	Remove
T24	Casuarina glauca (Swamp-Oak)	18	5,5,4,4	0.32	0.41	3.8	46.3	2.3	16.3	Remove
T25	Casuarina glauca (Swamp-Oak)	19	4,5,4,6	0.41	0.53	4.9	78.0	2.5	20.2	Remove
T26	Casuarina glauca (Swamp-Oak)	18	4,5,6,5	0.39	0.52	4.7	68.8	2.5	19.9	Remove
T27	Casuarina glauca (Swamp-Oak)	16	3,3,3,3	0.32	0.4	3.8	46.3	2.3	15.9	Remove
T28	Casuarina glauca (Swamp-Oak)	19	8,4,4,8	0.57	0.77	8.8	147.0	3.0	27.6	Remove
T29	Casuarina glauca (Swamp-Oak)	19	5,5,5,5	0.46	0.66	5.5	95.7	2.8	24.3	Remove
T30	Casuarina glauca (Swamp-Oak)	7	2,3,4,2	0.15	0.19	1.8	10.2	1.6	8.5	Remove
T31	Casuarina glauca (Swamp-Oak)	16	4,2,5,3	0.3	0.38	3.6	40.7	2.2	15.3	Remove
T32	Casuarina glauca (Swamp-Oak)	18	5,4,5,4	0.41	0.46	4.9	76.0	2.4	17.9	Remove
T33	Casuarina glauca (Swamp-Oak)	19	4,5,5,4	0.42	0.5	5.0	79.8	2.5	19.2	Remove
T34	Harpephyllum caffrum (Kaffir Plum)	9	5,5,5,5	0.25	0.32	3.0	28.3	2.1	13.2	Remove
T35	Cupressus species (Conifer)	14	5,4,2,5	0.4	0.56	4.8	72.4	2.6	21.1	Remove
T36	Harpephyllum caffrum (Kaffir Plum)	14	5,5,5,5	0.4	0.66	4.8	72.4	2.8	24.3	Remove
T37	Harpephyllum caffrum (Kaffir Plum)	16	9,9,9,9	1.21	1.11	14.5	662.3	3.5	37.6	Remove
T38	Cinnamomum camphora (Camphor Laurel)	9	4,4,4,4	0.34	0.66	4.1	52.3	2.8	24.3	Remove
T39	Glochidion ferdinandi (Cheese Tree)	12	4,4,4,5	0.28	0.31	3.4	35.5	2.0	12.9	Remove
T40	Cupressus species (Conifer)	11	2,2,2,2	0.13	0.15	1.6	7.6	1.5	7.0	Remove
T41	Harpephyllum caffrum (Kaffir Plum)	8	6,5,6,6	0.56	0.77	6.7	141.9	3.0	27.6	Remove
T42	Eucalyptus robusta (Swamp Mahogany)	16	6,5,6,4	0.36	0.42	4.3	58.6	2.3	16.6	Remove
T43	Eucalyptus robusta (Swamp Mahogany)	12	6,6,6,6	0.37	0.42	4.4	61.9	2.3	16.6	Retain
T44	Eucalyptus robusta (Swamp Mahogany)	14	2,2,2,2	0.18	0.23	2.2	14.7	1.8	10.0	Retain
T45	Syagrus romanzoffiana (Cocos Palm)	9	2,2,2,2	0.22	0.28	2.6	21.9	1.9	11.8	Retain
T46	Angophora costata (Sydney Red Gum)	11	3,2,4,e	0.22	0.29	2.6	21.9	2.0	12.2	Retain
T47	Eucalyptus robusta (Swamp Mahogany)	8	5,3,2,5	0.17	0.22	2.0	13.1	1.8	9.8	Retain
T48	Eucalyptus robusta (Swamp Mahogany)	14	4,5,6,4	0.36	0.42	4.3	58.6	2.3	16.6	Retain
T49	Eucalyptus robusta (Swamp Mahogany)	14	5,5,5,5	0.31	0.39	3.7	43.5	2.2	15.6	Retain
T50	Pittosporum undulatum (Sweet Pittosporum)	6	3,3,3,3	0.18	0.19	2.2	14.7	1.6	8.5	Retain
T51	Melaleuca linariifolia (Snow in Summer)	6	3,2,4,3	0.22	0.28	2.6	21.9	1.9	11.8	Retain
T52	Angophora costata (Sydney Red Gum)	12	4,4,3,4	0.36	0.44	4.3	58.6	3	17.3	Retain
T53	Angophora costata (Sydney Red Gum)	10	3,2,2,4	0.19	0.22	2.3	16.3	1.8	9.8	Retain
T54	Casuarina glauca (Swamp-Oak)	12	2,2,3,2	0.23	0.26	2.8	23.9	1.9	11.1	Retain
T55	Casuarina glauca (Swamp-Oak)	12	2,2,2,2	0.17	0.22	2.0	13.1	1.8	9.6	Retain
T56	Casuarina glauca (Swamp-Oak)	14	3,3,3,4	0.46	0.55	5.5	95.7	2.1	14.2	Retain
T57	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.26	0.33	3.1	30.6	2.1	13.6	Retain
T58	Casuarina glauca (Swamp-Oak)	14	4,4,4,4	0.32	0.4	3.8	46.3	2.3	15.9	Retain
T59	Casuarina glauca (Swamp-Oak)	15	4,4,3,2	0.31	0.36	3.7	43.5	2.2	14.6	Retain
T60	Callistemon viminalis (Weeping Bottlebrush)	6	4,5,6,4	0.4	0.41	4.8	72.4	2.3	16.3	Retain
T61	Callistemon viminalis (Weeping Bottlebrush)	6	4,3,5,4	0.38	0.39	4.6	65.3	2.2	15.6	Retain
T62	Magnolia grandiflora (White magnolia)	7	3,3,3,3	0.27	0.3	3.2	33.0	2.0	12.5	Remove
T63	Melaleuca quinquenervia (Broad-Leafed Paperbark)	15	5,6,7,5	0.8	1.11	9.6	289.5	3.5	37.6	Remove
T64	Syzygium paniculatum (Magenta Lilly Pilly)	9	1,2,3,1	0.33	0.4	4.0	49.3	2.3	15.9	Retain
T65	Syzygium paniculatum (Magenta Lilly Pilly)	15	6,4,6,3	0.55	0.6	6.6	136.8	2.7	22.4	Remove
T66	Cupressus species (Conifer)	9	2,3,2,3	0.22	0.31	2.6	21.9	2.0	12.9	Remove
T67	Cupressus species (Conifer)	10	3,3,3,2	0.29	0.33	3.5	38.0	2.1	13.6	Remove
T68	Archontophoenix spp. (Alex/Bangalow Palm)	8	2,2,2,2	0.18	0.44	2.2	14.7	2.3	17.3	Remove
T69	Ficus benjaminia (Weeping Fig)	6	4,4,4,4	0.29	0.3	3.5	38.0	2.0	12.5	Remove
T70	Callistemon viminalis (Weeping Bottlebrush)	6	4,4,4,4	0.36	0.44	4.3	58.6	2.3	17.3	Retain
T71	Callistemon viminalis (Weeping Bottlebrush)	6	5,4,3,5	0.44	0.47	5.3	87.6	2.4	18.2	Retain
T72	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.34	0.4	4.1	52.3	2.3	15.9	Retain
T73	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.28	0.39	3.4	35.5	2.2	15.6	Retain
T74	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.2	0.4	2.4	18.1	2.3	15.9	Retain
T75	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.25	0.3	3.0	28.3	2.0	12.5	Retain
T76	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.25	0.3	3.0	28.3	2.0	12.5	Retain
T77	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.36	0.41	4.3	58.6	2.3	16.3	Retain
T78	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.2	0.28	2.4	18.1	1.9	11.8	Retain
T79	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.32	0.43	3.8	46.3	2.3	16.9	Retain
T80	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.3	0.35	3.6	40.7	2.1	14.2	Retain
T81	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.25	0.3	3.0	28.3	2.0	12.5	Retain
T82	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.25	0.3	3.0	28.3	2.0	12.5	Retain
T83	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.25	0.3	3.0	28.3	2.0	12.5	Retain
T84	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.25	0.3	3.0	28.3	2.0	12.5	Retain
T85	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.25	0.3	3.0	28.3	2.0	12.5	Retain
T86	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.25	0.3	3.0	28.3	2.0	12.5	Retain
T87	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.47	0.45	5.6	99.9	2.4	17.6	Retain
T88	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.34	0.4	4.1	52.3	2.3	15.9	Retain
T89	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.25	0.3	3.0	28.3	2.0	12.5	Retain
T90	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.25	0.3	3.0	28.3	2.0	12.5	Retain
T91	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.28	0.32	3.4	35.5	2.1	13.2	Retain
T92	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.36	0.39	4.3	58.6	2.2	15.6	Retain
T93	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.25	0.3	3.0	28.3	2.0	12.5	Retain
T94	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.25	0.3	3.0	28.3	2.0	12.5	Retain
T95	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.32	0.4	3.8	46.3	2.3	15.9	Retain
T96	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.41	0.47	4.9	76.0	2.4	18.2	Retain
T97	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.46	0.49	5.5	95.7	2.5	18.9	Retain
T98	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.25	0.3	3.0	28.3	2.0	12.5	Retain
T99	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.29	0.35	3.5	38.0	2.1	14.2	Retain
T100	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.3	0.34	3.6	40.7	2.1	13.9	Retain
T101	Casuarina glauca (Swamp-Oak)	13	3,3,3,3	0.6	0.67	7.2	162.9	2.8	24.6	Retain
T102	Melaleuca quinquenervia (Broad-Leafed Paperbark)	18	7,8,7,8	0.98	1.12	11.9	443.4	3.5	37.8	Retain
T103	Melaleuca quinquenervia (Broad-Leafed Paperbark)	14	6,7,6,7	0.88	1	10.6	350.3	3.3	34.4	Retain
T104	Melaleuca quinquenervia (Broad-Leafed Paperbark)	15	7,7,8,7	0.89	0.98	10.7	358.3	3.3	33.8	Retain
T105	Melaleuca quinquenervia (Broad-Leafed Paperbark)	15	8,6,6,8	1	0.99	2.0	452.3	3.3	34.1	Retain
T106	Glochidion ferdinandi (Cheese Tree)	6	5,5,5,5	0.34	0.43	4.1	52.3	2.3	16.9	Retain
T107	Glochidion ferdinandi (Cheese Tree)	7	5,4,4,5	0.46	0.55	5.5	95.7	2.6	20.8	Retain
T108	Glochidion ferdinandi (Cheese Tree)	8	5,6,7,5	0.34	0.48	4.1	52.3	2.4	18.6	Retain
T109	Melaleuca quinquenervia (Broad-Leafed Paperbark)	18	8,2,3,8	1.23	1.4	14.8	684.4	3.8	45.6	Retain
T110	Melaleuca quinquenervia (Broad-Leafed Paperbark)	15	5,6,4,6	0.67	0.78	8.0	203.1	3.0	27.9	Retain
T111	Glochidion ferdinandi (Cheese Tree)	8	4,5,4,5	0.4	0.55	4.8	72.4	2.6	20.8	Retain
T112	Casuarina glauca (Swamp-Oak)	7	2,2,2,2	0.16	0.19	2.0	12.6	1.6	8.5	Retain
T113	Melaleuca quinquenervia (Broad-Leafed Paperbark)	18	6,7,5,6	0.89	1.33	10.7	358.3	3.7	43.7	Retain
T114	Syagrus romanzoffiana (Cocos Palm)	12	4,4,4,4	0.28	0.33	3.4	35.5	2.1	13.6	Remove

* Denotes species selected from the Estuarine Swamp Oak Forest threatened ecological plant community - (ESOF).
 † Denotes species selected from the Swamp Oak Floodplain Forest in the NSW North Coast, Sydney Basin and South East Corner Bioregions Threatened plant community - (SOFF).
 # Denotes species selected from Northern Beaches Council Native Plant Species Guide - Curl Curl Ward - (NBNP).
 ‡ Denotes native plant or cultivar.

Native plants - ESOF:	58	(34.09%)
Native plants - SOFF:	82	(46.59%)
Native plants - NBNP:	28	(15.91%)
Other native plant/cultivar:	6	(3.41%)

Total locally native plants:	168	(96.59%)
Total other native plants:	174	(100%)



Refer to L-05 for details.

Note:

- Contractors to check and verify all dimensions and all levels on site prior to any works.
- Any discrepancies should be immediately referred to Serenescapes Landscape Design.
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.
- Dimensions recognised over scaling. All measurements are in millimetres.
- Copyright Serenescapes Landscape Designs 2022.



Client:
Warringah Golf Club Ltd.
ABN:15 000 085 601

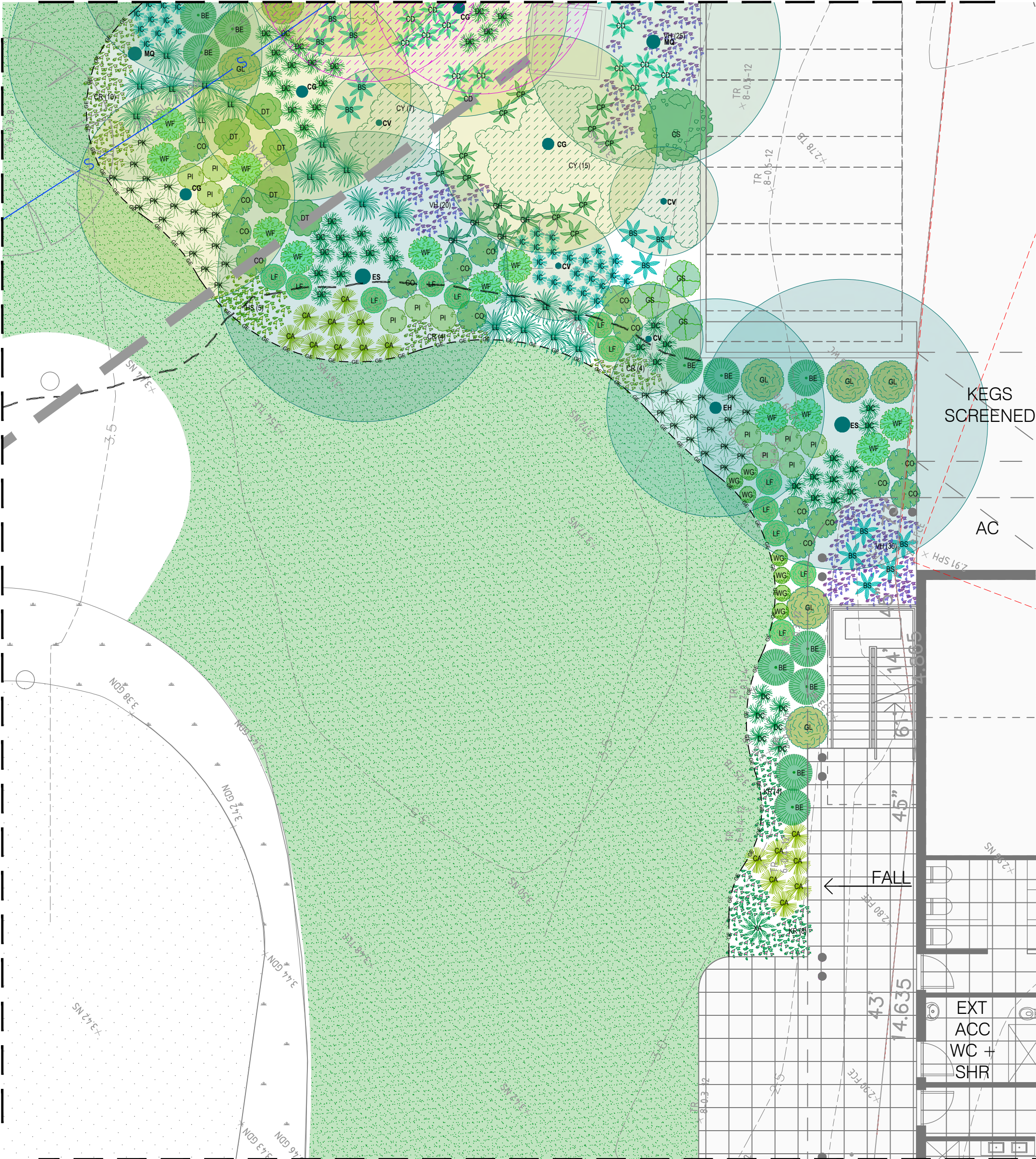
Project:	New Warrigah Golf & Community Club Clubhouse
Site Address:	433 Pittwater Road North Manly NSW 2100

Drawing Title: Landscape Design Zone A - Planting Plan			
Drawn by: Ben Danks TLA Member	Project Number: 21956	Scale: 1:100 @ A2	\$

Rev:	Date:	Issue:	Checked:
B	18/10/2022	Preliminary Issue	BF
C	16/11/2022	Preliminary Issue	BF
D	18/11/2022	DA Issue	BF
E	29/08/2023	DA Issue	BF



Refer to L-04 for details.



Refer to L-06 for details.

ZONE B PROPOSED PLANT SCHEDULE						
SYMBOL	KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HEIGHT	POT SIZE
TREES						
CG ^{AS}		CASUARINA GLAUCA	SWAMP OAK	4	20m	140Ltr
EH ^F		EUCALYPTUS HAEMASTOMA	SCRIBBLY GUM	1	15m	140Ltr
ES ^{AS}		EUCALYPTUS ROBUSTA	SWAMP MAHOGANY	2	20+m	140Ltr
MQ ^{AS}		MELALEUCA QUINQUINERVIA	PAPERBARK	2	15m	140Ltr
SHRUBS						
BE ^{AS}		BANKSIA ERICIFOLIA	HEATH BANKSIA	11	5m	200mm
CO ^F		CORREA ALBA	WHITE CORREA	16	1.5m	200mm
CP ^D		CRINUM PEDUNCULATUM	RIVER LILY	11	2m	200mm
CS ^{AS}		CALLICOMA SERRATIFOLIA	BLACK WATTLE	1	6m	140mm
CV ^F		CALLISTEMON LINEARIFOLIUS	NETTED BOTTLEBRUSH	4	4m	140Ltr
DT ^F		DODONAEA TRIQUETRA	COMMON HOP-BUSH	5	3m	200mm
GL ^F		GREVILLEA LINEARIFOLIA	WHITE SPIDER FLOWER	6	3.0m	200mm
GS ^F		GREVILLEA SERICEA	PINK SPIDER FLOWER	3	2m	200mm
LF ^F		LEPTOSPERMUM LAEVIGATUM 'FORESHORE'	DWARF COASTAL TEA-TREE	12	0.5m	200mm
PI ^F		PIMELIA LINIFOLIA	RICE FLOWER	11	1.5m	200mm
WF ^F		WESTRINGIA FRUTICOSA	COASTAL ROSEMARY	12	1.5m	200mm
WG ^F		WESTRINGIA 'GREY BOX'	GREY BOX	7	0.5m	200mm
XA ^F		XANTHORRHOEA AUSTRALIS	GRASS TREE	1	3m	45Ltr
GRASSES / GROUND COVERS						
BS ^F		BLECHNUM GIBBUM 'SILVER LADY'	SILVER LADY FERN	14	1m	200mm
CA ^D		CAREX APPRESSA	CAREX	16	1m	140mm
CD ^A		CALOCHLAENA DUBIA	SOFT BRACKEN	13	0.6m	140mm
CR ^F		CARPOBROTUS GLAUDESCENS	PIG FACE	18	0.2m	tubes
CY ^F		COMMELINA CYANEA	SCURVY WEED	22	0.3m	tubes
DC ^{AS}		DIANELLA CAERULEA	BLUE FLAX LILY	49	0.6m	tubes
GH ^F		GAHNIA CLARKEI	SAW SEDGE	5	1.5m	tubes
HS ^F		HIBBERTIA SCANDENS	CLIMBING GUINEA FLOWER	5	0.3	140mm
IC ^D		IMPERATA CYLINDRICA	BLADY GRASS	31	0.7	tubes
KR ^F		KENNEDIA RUBICUNDA	DUSKY CORAL PEA	12	0.3	140mm
LL ^{AS}		LOMANDRA LONGIFOLIA	SPINY-HEADED MAT-RUSH	20	1m	tubes
VH ^A		VIOLA HEDERACEA	NATIVE VIOLET	75	0.1m	tubes

^A Denotes species selected from the Estuarine Swamp Oak Forest threatened ecological plant community - (ESOF).
^D Denotes species selected from the Swamp Oak Floodplain Forest in the NSW North Coast, Sydney Basin and South East Corner Bioregions Threatened plant community - (SOFF).
^F Denotes species selected from Northern Beaches Council Native Plant Species Guide - Curl Curl Ward - (NBNP).
^A Denotes native plant or cultivar.

Total plants:	389	(100%)
Native plants - ESOFF:	128	(32.90%)
Native plants - SOFF:	134	(34.45%)
Native plants - NBNP:	74	(19.02%)
Other native plant/cultivar:	53	(13.62%)
Total locally native plants:	336	(86.36%)
Total other native plants:	389	(100%)



Beyond scope of works.
Refer to L-01 for details.

Beyond scope of works.
Refer to L-01 for details.

Note:
- Contractors to check and verify all dimensions and all levels on site prior to any works.
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.
- Dimensions recognised over scaling. All measurements are in millimetres.
- Copyright Serenescapes Landscape Designs 2022.

serenescapes
Serenescapes Landscape Designs
ABN 71 611 726 222

Suite 54, 14 Narabang Way
Belrose NSW 2085
Tel: 02 9986 2157
info@serenescapes.com.au
www.serenescapes.com.au



Client:
Warrigah Golf Club Ltd.
ABN:15 000 085 601

Project:
New Warrigah Golf & Community Club Clubhouse
Site Address:
433 Pittwater Road
North Manly NSW 2100

Drawing Title:
Landscape Design
Zone B - Planting Plan
Drawn by:
Ben Danks
TLA Member
Project Number:
21956
Scale:
1:100 @ A2
Sheet Number:
L-05 of 9

Rev:	Date:	Issue:	Checked:
B	18/10/2022	Preliminary Issue	BF
C	16/11/2022	Preliminary Issue	BF
D	18/11/2022	DA Issue	BF
E	29/08/2023	DA Issue	BF



ZONE C PROPOSED PLANT SCHEDULE						
SYMBOL	KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HEIGHT	POT SIZE
	AC ^{A#}	ANGOPHORA COSTATA	SMOOTH-BARKED APPLE	1	15m	140Ltr
	BI [#]	BANKSIA INTEGRIFOLIA	COAST BANKSIA	10	5m	140Ltr
	EH [#]	EUCALYPTUS HAEMASTOMA	SCRIBBLY GUM	1	15m	140Ltr
	TL [#]	TRISTANIOPSIS LAURINA	WATER GUM	3	8m	140Ltr
	BE ^{A#}	BANKSIA ERICIFOLIA	HEATH BANKSIA	21	5m	200mm
	CO [#]	CORREA ALBA	WHITE CORREA	36	1.5m	200mm
	CP [#]	CRINUM PEDUNCULATUM	RIVER LILY	3	2m	200mm
	CV [#]	CALLISTEMON LINEARIFOLIUS	NETTED BOTTLEBRUSH	2	4m	140Ltr
	GS [#]	GREVILLEA SERICEA	PINK SPIDER FLOWER	14	2m	200mm
	LF [#]	LEPTOSPERMUM LAEVIGATUM 'FORESHORE'	DWARF COASTAL TEA-TREE	43	0.5m	200mm
	PI [#]	PIMELIA LINIFOLIA	RICE FLOWER	32	1.5m	200mm
	WF [#]	WESTRINGIA FRUTICOSA	COASTAL ROSEMARY	11	1.5m	200mm
	WG [#]	WESTRINGIA 'GREY BOX'	GREY BOX	82	0.5m	200mm
	XA [#]	XANTHORRHOEA AUSTRALIS	GRASS TREE	6	3m	45Ltr
	GRASSES / GROUND COVERS					
	CA [#]	CAREX APPRESSA	CAREX	14	1m	140mm
	CI [#]	CASUARINA GLAUCA 'COUSIN IT'	COUSIN IT	19	0.5m	200mm
	CR [#]	CARPOBOTRUS GLAUCESCENS	PIG FACE	18	0.2m	tubes
	CY [#]	COMMELINA CYANEA	CURVY WEED	30	0.3m	tubes
	DC [#]	DIANELLA CAERULEA	BLUE FLAX LILY	40	0.6m	tubes
	FN [#]	FICINIA NODOSA	KNOBBY CLUBRUSH	49	0.6m	tubes
	GH [#]	GAHNIA CLARKEI	SAW SEDGE	18	1.5m	tubes
	HS [#]	HIBBERTIA SCANDENS	CLIMBING GUINEA FLOWER	30	0.3	140mm
	IC [#]	IMPERATA CYLINDRICA	BLADY GRASS	78	0.7	tubes
	JK [#]	JUNCUS KRAUSII subsp. AUSTRALIENSIS	SEA RUSH	23	0.6m	tubes
	KR [#]	KENNEDIA RUBICUNDA	DUSKY CORAL PEA	30	0.3	140mm
	LL ^{A#}	LOMANDRA LONGIFOLIA	SPINY-HEADED MAT-RUSH	34	1m	tubes
	PK [#]	POA LABILLARDIERI 'ESKDALE'	ESKDALE	162	0.7m	tubes
	TA [#]	THEMEDA AUSTRALIS	KANGAROO GRASS	34	0.4m	tubes

^A Denotes species selected from the Estuarine Swamp Oak Forest threatened ecological plant community - (ESOF).
^D Denotes species selected from the Swamp Oak Floodplain Forest in the NSW North Coast, Sydney Basin and South East Corner Bioregions Threatened plant community - (SOFF).
[#] Denotes species selected from Northern Beaches Council Native Plant Species Guide - Curl Curl Ward - (NBNP).
^{*} Denotes native plant or cultivar.

Total plants: 843 (100%)

Native plants - ESOF: 56 (6.64%)
Native plants - SOFF: 260 (24.44%)
Native plants - NBNP: 237 (28.11%)
Other native plant/cultivar: 344 (40.81%)

Total locally native plants: 499 (59.19%)
Total other native plants: 843 (100%)



Refer to L-05 for details.



Beyond scope of works.
Refer to L-01 for details.

Beyond scope of works.
Refer to L-01 for details.

Refer to L-07 for details.

Note:
- Contractors to check and verify all dimensions and all levels on site prior to any works.
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.
- Dimensions recognised over scaling. All measurements are in millimetres.
- Copyright Serenescapes Landscape Designs 2022.



Serenescapes Landscape Designs
ABN 71 611 726 222

Suite 54, 14 Narabang Way
Belrose NSW 2085
Tel: 02 9986 2157
info@serenescapes.com.au
www.serenescapes.com.au



Client:
Warringah Golf Club Ltd.
ABN:15 000 085 601

Project:
New Warringah Golf & Community Club Clubhouse
Site Address:
433 Pittwater Road
North Manly NSW 2100

Drawing Title:
Landscape Design
Zone C - Planting Plan
Project Number:
21956
Scale:
1:100 @ A2
Sheet Number:
L-06 of 9

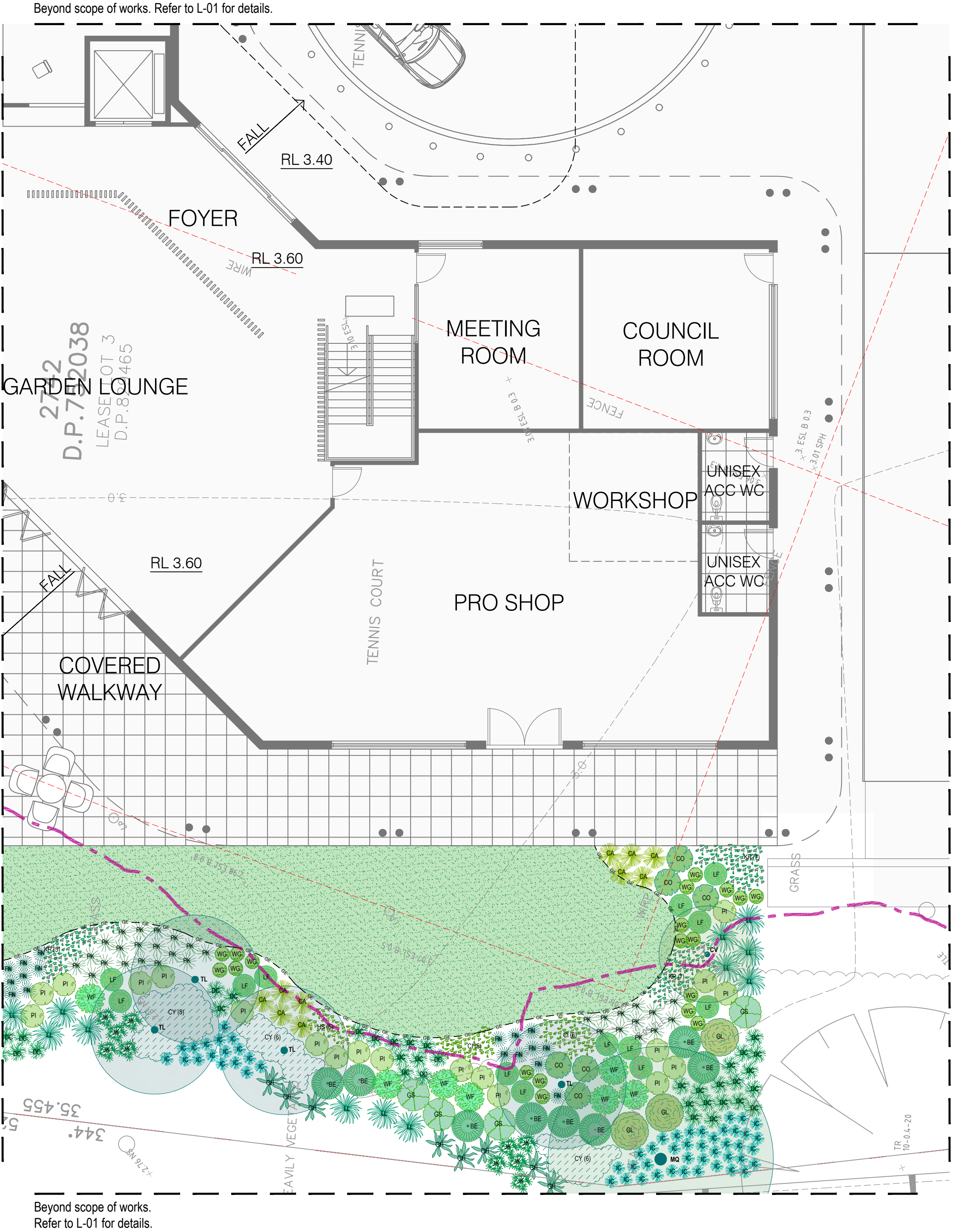
Rev:	Date:	Issue:	Checked:
B	18/10/2022	Preliminary Issue	BF
C	16/11/2022	Preliminary Issue	BF
D	18/11/2022	DA Issue	BF
E	29/08/2023	DA Issue	BF



ZONE D PROPOSED PLANT SCHEDULE						
SYMBOL	KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HEIGHT	POT SIZE
	MQ ^Δ	TREES MELALEUCA QUINQUINERVIA	PAPERBARK	1	15m	140Ltr
	TL [#]	TRISTANIOPSIS LAURINA	WATER GUM	4	8m	140Ltr
	BE [#]	SHRUBS BANKSIA ERICIFOLIA	HEATH BANKSIA	8	5m	200mm
	CO ^Δ	CORREA ALBA	WHITE CORREA	6	1.5m	200mm
	CV [#]	CALLISTEMON LINEARIFOLIUS	NETTED BOTTLEBRUSH	1	4m	140Ltr
	GL [#]	GREVILLEA LINEARIFOLIA	WHITE SPIDER FLOWER	3	3.0m	200mm
	GS [#]	GREVILLEA SERICEA	PINK SPIDER FLOWER	4	2m	200mm
	LF [#]	LEPTOSPERMUM LAEVIGATUM 'FORESHORE'	DWARF COASTAL TEA-TREE	13	0.5m	200mm
	PI [#]	PIMELIA LINIFOLIA	RICE FLOWER	19	1.5m	200mm
	WF [#]	WESTRINGIA FRUTICOSA	COASTAL ROSEMARY	7	1.5m	200mm
	WG [#]	WESTRINGIA 'GREY BOX'	GREY BOX	19	0.5m	200mm
		GRASSES / GROUND COVERS				
	CA ^Δ	CAREX APPRESSA	CAREX	10	1m	140mm
	CI [#]	CASUARINA GLAUCA 'COUSIN IT'	COUSIN IT	12	0.5m	200mm
	CY ^Δ	COMMELINA CYANEA	SCURVY WEED	20	0.3m	tubes
	DC ^Δ	DIANELLA CAERULEA	BLUE FLAX LILY	34	0.6m	tubes
	FN [#]	FICINIA NODOSA	KNOBBY CLUBRUSH	17	0.6m	tubes
	GH [#]	GAHNIA CLARKEI	SAW SEDGE	8	1.5m	tubes
	HS [#]	HIBBERTIA SCANDENS	CLIMBING GUINEA FLOWER	5	0.3	140mm
	IC [#]	IMPERATA CYLINDRICA	BLADY GRASS	56	0.7	tubes
	JK ^Δ	JUNCUS KRAUSII subsp. AUSTRALIENSIS	SEA RUSH	10	0.6m	tubes
	KR [#]	KENNEDIA RUBICUNDA	DUSKY CORAL PEA	19	0.3	140mm
	LL ^Δ	LOMANDRA LONGIFOLIA	SPINY-HEADED MAT-RUSH	12	1m	tubes
	PK [#]	POA LABILLARDIERI 'ESKDALE'	ESKDALE	31	0.7m	tubes

Δ Denotes species selected from the Estuarine Swamp Oak Forest threatened ecological plant community - (ESOF).
Δ Denotes species selected from the Swamp Oak Floodplain Forest in the NSW North Coast, Sydney Basin and South East Corner Bioregions Threatened plant community - (SOFF).
Denotes species selected from Northern Beaches Council Native Plant Species Guide - Curl Curl Ward - (NBNP).
* Denotes native plant or cultivar.

Total plants:	319	(100%)
Native plants - ESOF:	21	(6.58%)
Native plants - SOFF:	138	(43.26%)
Native plants - NBNP:	77	(24.14%)
Other native plant/cultivar:	83	(26.02%)
Total locally native plants:	236	(73.88%)
Total other native plants:	319	(100.00%)



Note:
- Contractors to check and verify all dimensions and all levels on site prior to any works.
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.
- Dimensions recognised over scaling. All measurements are in millimetres.
- Copyright Serenescapes Landscape Designs 2022.



Serenescapes Landscape Designs
ABN 71 611 726 222

Suite 54, 14 Narabang Way
Belrose NSW 2085
Tel: 02 9986 2157
info@serenescapes.com.au
www.serenescapes.com.au



Client:
Warragah Golf Club Ltd.
ABN:15 000 085 601

Project:
New Warragah Golf & Community Club Clubhouse

Site Address:
433 Pittwater Road
North Manly NSW 2100

Drawing Title:
Landscape Design
Zone D - Planting Plan

Project Number:
21956

Scale:
1:100 @ A2

Sheet Number:
L-07 of 9

Rev:	Date:	Issue:	Checked:
B	18/10/2022	Preliminary Issue	BF
C	16/11/2022	Preliminary Issue	BF
D	18/11/2022	DA Issue	BF
E	29/08/2023	DA Issue	BF



Beyond scope of works. Refer to L-01 for details.

ZONE E PROPOSED PLANT SCHEDULE

SYMBOL	KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HEIGHT	POT SIZE
	ES [#]	TREES EUCALYPTUS ROBUSTA	SWAMP MAHOGANY	5	20+m	140Ltr

[#] Denotes species selected from the Estuarine Swamp Oak Forest threatened ecological plant community - (ESOF).

Total plants:	5	(100%)
Native plants - ESO:	5	(100%)
Native plants - SOFF:	0	(0.00%)
Native plants - NBNP:	0	(0.00%)
Other native plant/cultivar:	0	(0.00%)
Total locally native plants:	5	(100%)
Total other native plants:	0	(0.00%)



Refer to L-07 for details.

Beyond scope of works.
Refer to L-01 for details.

Beyond scope of works.
Refer to L-01 for details.

Note:
- Contractors to check and verify all dimensions and all levels on site prior to any works.
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.
- Dimensions recognised over scaling. All measurements are in millimetres.
- Copyright Serenescapes Landscape Designs 2022.



Serenescapes Landscape Designs
ABN 71 611 726 222

Suite 54, 14 Narabang Way
Belrose NSW 2085
Tel: 02 9986 2157
info@serenescapes.com.au
www.serenescapes.com.au



Client:
Warringah Golf Club Ltd.
ABN:15 000 085 601

Project:
New Warringah Golf & Community Club Clubhouse
Site Address:
433 Pittwater Road
North Manly NSW 2100

Drawing Title:
Landscape Design
Zone E - Planting Plan
Project Number:
21956
Scale:
1:100 @ A2
Sheet Number:
L-08 of 9

Rev:	Date:	Issue:	Checked:
B	18/10/2022	Preliminary Issue	BF
C	16/11/2022	Preliminary Issue	BF
D	18/11/2022	DA Issue	BF
E	29/08/2023	DA Issue	BF



LANDSCAPE SPECIFICATION NOTES

SITE PREPARATION

Locate any underground and overground services & ensure no damage occurs. Levels on plan are nominal only & all dimensions to be checked on site prior to commencement. Final structural integrity of all items shall be the sole responsibility of landscape contractor.

PROTECTION OF EXISTING TREES:

All tree protection is to be undertaken in accordance with the guidelines provided in AS4970-2009

Protection of trees on development sites.

Prior to construction, the builder shall erect tree protection fencing for each protected tree. Tree protection fencing setbacks are to be determined by multiplying the diameter at breast height by twelve (12).

Fencing is to consist of Chain wire mesh panels at least 1.8m in height, anchored with concrete feet.

Signage stating “Tree Protection Zone – No Access” is to be displayed on the fencing.

According to AS 4970-2009, activities excluded from the TPZ include but are not limited to;

- machine excavation including trenching
- excavation for silt fencing
- cultivation
- storage
- preparation of chemicals, including preparation of cement products
- parking of vehicles and plant and/or refuelling
- dumping of waste and/or wash down and cleaning of equipment
- soil level changes and/or placement of fill
- lighting of fires
- temporary or permanent installation of utilities and signs
- physical damage to the tree.

REMOVAL OF EXISTING TREES

All trees to be removed shall be carried out by a qualified arborist and work shall conform to the provisions of AS4373-2007 Australian Standards for The Pruning of Amenity Trees.

ELIMINATE WEEDS

Remove all existing weeds by hand, wiping or spraying with a glyphosate based herbicide. Weed control shall never be performed by mechanical cultivation or by scraping. Herbicide spraying is to be used to eliminate all existing weeds 30 days prior to planting.

EXCAVATION & SUB SOIL PREPARATION

Excavate garden beds to the depth required and rip or scarify base & sides of pit to a minimum depth of 150mm.

SUB SOIL DRAINAGE

Install drainage layer where there is surface water runoff draining into garden bed areas & where the existing sub-soil has more than 50% clay composition & there is a risk of subsurface water ponding. Install perforated corrugated ag. line 75-100mm Dia. with geotextile filter sock & backfill to a minimum 200mm using free draining material, reclaimed/recycled where available. Direct flows at a minimum 0.5% fall to sw system. In areas isolated from stormwater system excavate & backfill an appropriate water dispersion pit.

REUSE EXISTING TOPSOIL

Existing site topsoil should be salvaged & appropriately stockpiled where possible.

IMPORTED TOPSOIL

Quality System: AS 4419 or as specified below.

Turf Areas: 'Turf Underlay' as supplied by, ANL p: 02 9450 1444 or approved alternative.

Tree Pit and Shrub Planting: 'Premium Garden Mix' as supplied by, ANL p: 02 9450 1444 or approved alternative.

PLANTING

Health & Vigour: Supply plants with foliage size, texture & colour consistent with that shown in healthy specimens of the species. Crowns must contain no epicormic shoots or dieback.

Balance of Crown: Supply plants with max. variation in crown bulk on opposite sides of stem axis, +/- 20%

All plants supplied should be consistent with the guidelines provided in AS2303-2015 Tree stock for landscape use.

STAKING

Install 2 x 1800mm 40x40 hardwood timber stakes with hessian ties to all trees. Provide appropriate support considering exposure to prevailing winds. Stakes and hessian ties to be removed as soon as the tree is self supporting.

ALUMINIUM GARDEN EDGING

Supply and install Link Edge 75mm as per Landscape Plan. Compact and level the base in the required area as indicated on Landscape Plan. Half hammer spikes into pre-punched holes (approx. 4 spikes every 3m length) starting from the first hole in the end of the Link Edge. Use spike washers supplied by manufacturer. Half hammer subsequent spikes in pivotal areas along the length. (Especially at points where a curve is required). Connect lengths together by using fish-plate connectors supplied by manufacturer. Check position of Link Edge is correct before hammering spikes firmly into ground.

MULCHING

Quality system: AS 4454

All planting area impacted by building works to receive 50-75mm of garden Mulch, Forest Fines, ANL p: 02 9450 1444 or approved alternative. Keep mulch 100mm away from plant stem & form a well to stop excessive water runoff. Finish flush with adjacent surfaces.

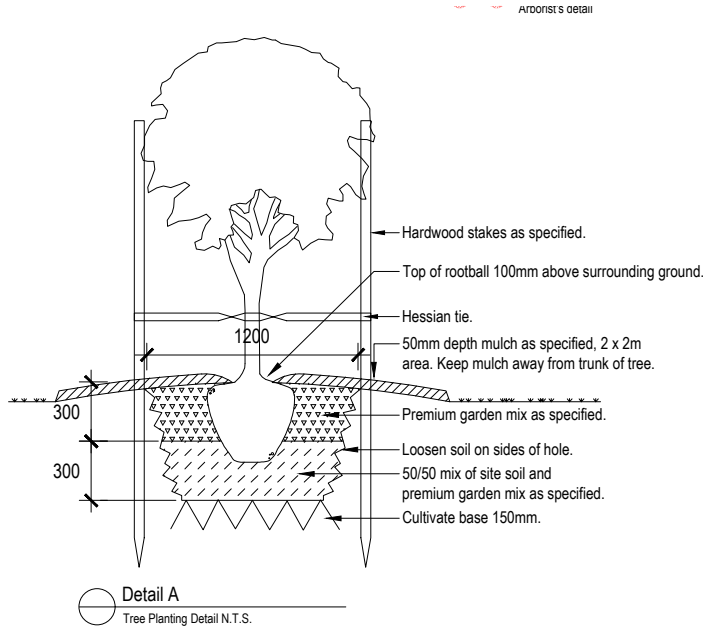
TURFING

New turf- Sir Walter Soft Leafed Buffalo.

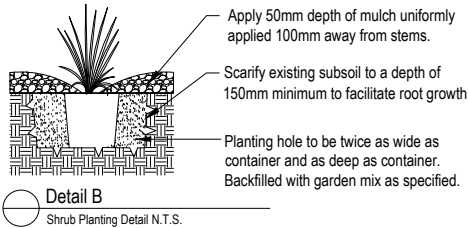
Excavate / grade all areas to be turfed to 120mm below finished levels. Ensure that all surface runoff is directed away from buildings. Ensure that no pooling or ponding will occur. Further rip the sub-grade to 150mm. Install 100mm of imported turf underlay. Rolls to be closely butted and laid in a brickwork pattern. Fill any small gaps with topsoil and water thoroughly.

WATERING

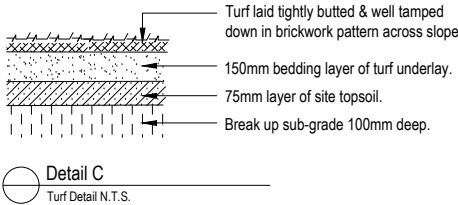
Water in immediately after plant installation & allow for soil settlement. For the first 2 to 4 weeks after planting, the root zone & immediate surrounds must be kept moist. Continue watering until plants have established.



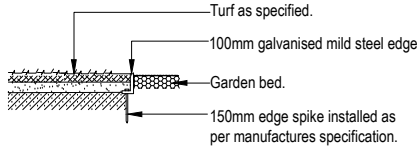
Detail A
Tree Planting Detail N.T.S.



Detail B
Shrub Planting Detail N.T.S.



Detail C
Turf Detail N.T.S.



Detail D
Galv. Mild Steel Edge Detail N.T.S.



Serenescapes Landscape Designs
ABN 71 611 726 222

Suite 54, 14 Narabang Way
Belrose NSW 2085
Tel: 02 9986 2157
info@serenescapes.com.au
www.serenescapes.com.au



Client:
Warringah Golf Club Ltd.
ABN:15 000 085 601

Project: **New Warringah Golf & Community Club Clubhouse**

Site Address: **433 Pittwater Road
North Manly NSW 2100**

Drawing Title: **Landscape Design
Specification & Details**

Drawn by: **Ben Danks**
TLA Member
Project Number: **21956**
Scale: **ntcs @ A2**
Sheet Number: **L-09 of 9**

Rev:	Date:	Issue:	Checked:
B	18/10/2022	Preliminary Issue	BF
C	16/11/2022	Preliminary Issue	BF
D	18/11/2022	DA Issue	BF
E	29/08/2023	DA Issue	BF