



ree#	Botanical Name	Common Name	Approx Height	Spread	Effect
1	Pistacia chinensis	Pistacia	6	11	Retair
2	Metasequcia glyptostroboides	Dawn Redwood	17	8	Retair
3 4	Melaleuca sp.	Large Land Drivet	11 7	5 6	Remov
5	Ligustrum lucidum Robinia pseudoacacia	Large Leaf Privet False Acacia	6	4	Remov
6	Tristaniopsis laurina	Water Gum	8	4	Retair
7	Syzygium luehmannii	Small-leafed LillyPilly	8	3	Retair
8	Syzygium luehmannii	Small-leafed LillyPilly	8	3	Retair
9	Syagrus romanzoffianum	Cocos Palm	8	3	Retair
10	Syagrus romanzoffianum	Cocos Palm	8	4	Retair
11	Syagrus romanzoffianum	Cocos Palm	5	3	Retair
12 13	Cotoneaster glaucophyllus	Cotoneaster	6 5	6	Remo
14	Lagerstroemia indica Jacaranda mimosifolia	Crepe Myrtle Jacaranda	16	15	Remo
15	Unidentified	Jacaranga	6	5	Remo
16	Vibumum sp.		5	5	Remo
17	Vibumum sp.		5	4	Remo
18	Lagerstroemia indica	Crepe Myrtle	9	8	Remo
19	Archontophoenix alexandrae	Alexandra Palm	11	5	Retair
20	Archontophoenix cunninghamii	Bangalow Palm	14	6	Retair
21	Archontophoenix cunninghamii	Bangalow Palm	14	3	Retai
22 23	Archontophoenix cunninghamii	Bangalow Palm Norfolk Pine	14	4 8	Retai
24	Araucaria heterophylla Archontophoenix alexandrae	Alexandra Palm	20 12	5	Retai
25	Archontophoenix alexandrae	Alexandra Palm	14	5	Retai
26	Pistacia chinensis	Pistacia	6	10	Retai
27	Cupressus macrocarpa	Monterey Cypress	8	8	Retai
28	Eucalyptus sp.		11	0	Retai
29	Tibouchina granulosa		8	6	Retai
30	Araucaria heterophylla	Norfolk Pine	25	10	Retai
31	Acer palmatum	Japanese Maple	5	4	Retai
32 33	Unidentified Weekingtonia rehunta	Cotton Palm	9 5	5 5	Retai Retai
34	Washingtonia robusta Howea forsteriana	Kentia Palm	13	4	Remo
35	Ulmus parvifolia	Chinese Weeping Elm	15	13	Retai
36	Melaleuca quinquenervia	Paperbark	25	12	Retai
37	Melaleuca quinquenervia	Paperbark	25	8	Retai
38	Howea forsteriana	Kentia Palm	18	4	Retai
39	Acer negundo	Box Elder	7	8	Retai
40	Lagerstroemia indica	Crepe Myrtle	15	9	Retai
41	Franklinia axillaris	Gordonia	5	4	Remo
42	Cedrus deodara	Himalayan Cedar	25	15	Retai
43	Camellia sasanqua	Camelia	7	4	Retai
44 45	Jacaranda mimosifolia	Jacaranda	15	14	Retai
46	Jacaranda mimosifolia Eucalyptus sp.	Jacaranda	9 25	8 20	Retai Retai
47	Syncarpia glomulifera	Turpentine	25	14	Retai
48	Schefflera actinophulla	Umbrella Tree	12	2	Remo
49	Pinus radiata	Monterey Pine	25	18	Remo
50	Araucaria heterophylla	Norfolk Pine	20	9	Remo
51	Grevillea robusta	Silky Oak	25	14	Remo
52	Quercus robur	English Oak	13	15	Remo
53	Jacaranda mimosifolia	Jacaranda	14	11	Remo
54	Stenocarpus sinuatus	Firewheel	9	3	Retai
55 56	Photinia sp. Jacaranda mimosifolia	Jacaranda	6 9	4 6	Retai Retai
57	Cupressus sp.	Cypress	15	9	Retai
58	Liquidambar styraciflua	Sweet Gum	18	12	Retai
59	Liquidambar styraciflua	Sweet Gum	13	8	Remo
60	Magnolia soulangeana	Magnolia	6	9	Retai
61	Camellia sasanqua	Camelia	5	5	Remo
62	Acer palmatum	Japanese Maple	5	5	Remo
63	Cupressus macrocarpa	Monterey Cypress	10	6	Remo
64	Callistemon viminalis	Weeping Bottlebrush	4	4	Remo
65 66	Callistemon salignus	Willow Bottlebrush	5 6	4 7	Retai
67	Callistemon viminalis Callistemon salignus	Weeping Bottlebrush Willow Bottlebrush	5	4	Remo
68	Callistemon viminalis	Weeping Bottlebrush	5	5	Retai
69	Callistemon salignus	Willow Bottlebrush	4	3	Retai
70	Callistemon viminalis	Weeping Bottlebrush	4	7	Retai
71	Callistemon viminalis	Weeping Bottlebrush	4	4	Retai
72	Callistemon viminalis	Weeping Bottlebrush	3	3	Remo
73	Cinnamomum camphoa	Camphor Laurel	20	15	Remo
74	Lophostemon confertus	Brush Box	18	15	Remo
75	Acer Palmatum	Japanese Maple	7	4	Retai
76	Cupressus sp.	Cypress	9	4	Retai
77 78	Jacaranda mimosifolia	Jacaranda Cottonunad Boniar	8	6	Retai
78 79	Populus deltoides Populus deltoides	Cottonwood Poplar Cottonwood Poplar	30 30	25 20	Remo
80	Arythrina sykesii	Cottonwood Popiar Coral Tree	22	20	
-	rayumma ayream	One lies	66	66	Remo

81 Cupressus torulosa

82 Cupressus torulosa

## SPECIFICATION NOTES

## PREPARATION & CULTIVATION:

All builders rubble, spoil and excess materials are to be removed from all areas prior to planting. In natural ground garden beds the original site topsoil is to be visible prior to the commencement of all soil works.

All noxious plants, weeds and grasses on the site and within planting areas shall be eradicated before the commencement of landscape works.

Cultivation of natural ground planting beds under the canopy of existing trees Hand cultivate to 200mm in proposed garden beds beneath the canopy spread of existing trees to be retained under the supervision and to the satisfaction of a qualified Arborist. Incorporate 100mm of organic matter to AS.4419 into cultivated soil and feather out at edges. Ensure soil for 2m radius around trunk remains at original level.

Cultivation of natural ground planting outside canopy of existing trees All natural ground garden areas are to be excavated to a depth of 150mm. Existing topsoil is to be stockpiled on site for reuse. Stockpiled topsoil is to be free from any foreign or deleterious material. The resultant subgrade is to be hand cultivated to a depth of 300mm. Where cultivation intrudes into podzol soils gypsum is to be added at the rate of 0.25 kg / square metre. A 150mm depth of

thoroughly turned in and incorporated into the cultivated subgrade prior to planting.

Imported topsoil is to be free from any material toxic to plant growth, stumps, roots, stones, clay lumps or other extraneous material and free from noxious or troublesome weeds such as nut grass, water couch, mullumbimby couch, onion weed or oxalis.

first quality imported topsoil to AS.4419, or site topsoil, shall be added to garden beds and

Top Soil: To AS. 4419

# Planter Box Areas

Imported soil mix is only to be installed to planter boxes following the completion of sheet drainage installation. All planter boxes are to be backfilled with an imported soil mix suitable for planter box applications, for their entire depth. The backfilling is to be undertaken in 150mm deep layers with a light compaction by foot at each layer to reduce the extent of settling in the future. The soil is to finish 100mm below the finished edge of the planter box to allow for mulch installation.

Soil Mix: Equivalent to ANL planter box mix is to be used in planter boxes.

# TREE PROTECTION MEASURES FOR EXISTING TREES TO BE RETAINED:

Tree Protection fencing Trees to be retained are to be physically protected by the installation of 1.8m high steel mesh/chainwire fencing, which is to be located a minimum of 2m away from the trunk (ideally to enclose the whole extent of the dripline) and fully enclose the tree. This fencing shall be installed prior to the commencement of demolition and construction works and shall remain in place until all works are completed. Indicate tree protection zone with signage on tree protection fencing. Sign to clearly display words "TREE PROTECTION ZONE", "DO NOT ENTER".

## Above Ground Root Protection

No storage of materials or machinery or site office/sheds is to occur within the dripline of existing trees to be retained. Do not mix or dispose of cement or chemicals, or stockpile any soil or rubble Any works required under the dripline of existing trees to be retained (only as approved on the

construction certificate) shall be under the direction of and to the satisfaction of a qualified Arborist.

Any excavations required for footings, structures, retaining walls, paving, etc within 3.5 metres of the trunk shall be undertaken by hand and under the direction of and to the satisfaction of a qualified Arborist. Ensure any roots which require cutting are cut cleanly.

## SUBSOIL DRAINAGE:

woven filter fabric

Natural Grade Areas In general a flexible 90mm sub soil drainage coil with sock is to be installed to all planting areas defined by retaining walls and along the interfaces between planting / lawn areas and adjacent paved areas, kerb lines, footpath edges etc on natural ground. The sub soil drainage lines will be installed and covered with free draining gravel at the base of retaining walls and in garden and lawn areas are to be sufficiently buried to ensure that they are covered with a 100mm of free draining gravel and 150mm of topsoil. The free draining gravel bed is to be covered with a 3-4 oz non-

The sub soil drainage line is to be connected to the site stormwater system or the nearest drainage

All planter boxes are to have sheet drainage equivalent to 50mm Atlantis Drainage Cell installed to their entire base and sides finishing 200mm below the top of the finished planter walls. A 3-4 oz non-woven filter fabric is to cover the sheet drainage prior to the addition of planter soil. Drainage cell is only to be installed after the planter boxes have been waterproofed and tested for water tightness (by others) and there is a drainage point (by others) within each planter, which in turn drains to the site stormwater system. The Landscape Contractor is to confirm to their satisfaction that the planter boxes are waterproofed and well drained prior to the installation of any sheet drainage.

## Ensure minimum 600mm soil cover over all underground structures such as detention tanks and the top of basement slabs protruding into landscaped areas. Soil is to finish flush with adjacent

AREAS ON SLAB:

terraces, paths and garden areas. An irrigation system is to access all garden areas. It is to be designed and installed by/ or under the

supervision of a Landscape Contractor licensed for irrigation installation and is to include an automatic timing device, installed in lockable, dustproof, rustproof metal cabinet and backflow prevention device, installed to AS 3500-part1-section 4. Ensure drip lines are spaced no further than 400mm apart for adequate irrigation coverage. The

Landscape Contractor is to submit drawings and specifications for the system to the Project

# Manager for approval prior to commencing any installation work.

All plants used are to have been grown, selected and planted in accordance with the Natspec specifications. Planting is to be overseen by, and plant selection to be carried out by, a qualified Horticulturalist (Minimum Australian Qualification Framework Level 4). Plant sizes are to be in accordance with the Plant Schedule. Plants will not be substituted with other

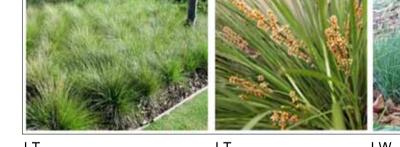
species, varieties or container sizes without consulting the Landscape Architect who will seek Council approval. All tree and palm planting is to be staked using 3 x 50 x 50 x 1800mm timber stakes and hessian

Stake all trees in 75 litre pot sizes or larger. Stakes are to be driven into the ground for 1/3 of their length. Stakes are to be straight, with no knots, and 50mm x 50mm x 1800mm treated pine, pointed

Three stakes are to be used per tree. Stakes are to form a triangular pattern surrounding the trunk of the tree, with each stake placed to avoid damage to the roots of the tree. Stakes are to be tied with three Hessian ties of 30mm thickness, one at bottom of stakes, one midway and one at top. Configure hessian ties in a triangle, encompassing wooden stakes. Twist Hessian tie once before stapling to each stake.

### All supplied lawn / turf is to be free from weed species at the time of supply. The Contractor must ensure turf rolls are laid in a stretcher bond pattern and tightly together.

Sir Walter Buffalo ST96.











TREES TO BE RETAINED TREES TO BE REMOVED

LEGEND





+RL 214.00

C Re-Issue for Council

B Issue for Council

A Issue for Review

PROPOSED SHRUBS & GROUNDCOVERS

04.04.11

22.12.10

21.12.10

PROPOSED LEVEL

EXISTING LEVEL

Amendments: D Re-Issue for Council 06.05.11

# Nº Amendments: NARELLESONTER BOTANICA

LEVEL 2, 20 Young Street, Neutral Bay NSW 2089 Tel: (02) 9909 8177 Fax: (02) 9908 7796

TITLE:

LANDSCAPE SITE PLAN

35-39 DUMARESQ ST

GORDON





### FERTILISER: Fertiliser is to be slow release fertiliser equivalent to 'Osmocote' for ornamentals and 'Osmocote' low phosphorous for indigenous species and is to be applied to the bed at manufacturer's specified

All garden beds are to be mulched. Mulch is to be composted bark fines mulch (diameter less than 10 mm), spread evenly to a depth of 75mm to planting beds and watered in thoroughly. Finished level of mulch is to 25mm below top of adjacent surface Mulch is to be free of weeds, soil, sticks and rocks, have binding qualities to minimise dispersion by

the elements or slope, be durable- with minimum 12 months effective longevity and remain pervious during that time. The following mulch compositions or origins are not acceptable:

Sawdust:

Inorganic; Treated or painted timbers;

rates before mulch is applied.

Noxious or undesirable weeds; Insufficiently composted or stored; or

Excessively bound so unable to shed water.

## TIMBER EDGE:

Timber edges shall be 100 x 25mm treated pine, secured by nailing at 1000mm centres to 50mm x 50mm x 400mm long treated pine pegs driven into the ground. Edging shall finish flush with adjoining surfaces. Unless angles are shown on the plan, the edges shall be laid in a smoothly curving form.

## In general timber edges are to be provided at all interfaces between garden & lawn areas.

The Landscape Contractor will be responsible for ensuring that the subgrade below all areas identified for stepping stone installation is compacted. Following subgrade compaction stepping stones are to be set on a mortar bed with a 100mm gap between to allow for gravel or lawn (see plan for areas) to be installed between.

## Stepping Stones: TBC

MAINTENANCE:

specimens.

All landscape works are to be maintained for a period of 12 months after construction. Plants, which have failed to thrive, are to be replaced. Mulch is to be maintained at specified depths. All planting is to be watered on a regular basis to maintain moisture levels required for optimum growth. All beds and areas around plants are to be maintained free from weeds. After proper establishment all plants are to be tip pruned to encourage dense growth and maintain shape to all plants. Plants of the same species are to be maintained as one band of planting and not individual

