Residential Development

588-592 Princes Highway, Rockdale Landscape Development Application

Drawing Schedule

Drawing Number	Drawing Title	Scale
000	Landscape Coversheet	N/A
101	Landscape Plan Level 0 & 1	1:150
102	Landscape Plan Level 2 & 10	1:150
501	Landscape Details	N/A
502	Landscape Specification	N/A

PLANT SCHEDULE

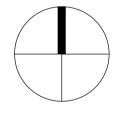
aı	Botanic Name		Common Name		Mature Size (h x w)	Pot Size	Spacing
E	TREES						
<u></u>	Elaeocarpus eu		Eumumdi Quandong		15 x 10	200L	As Shown
gi	frangipani plume	eria	Frangipani		7 x 4	min 2.5m tall	As Shown
er	_agerstroemia i	ndica x L.fauriei 'Natchez'	Crepe Myrtle		8 x 6	200L	As shown
ın	Magnolia 'Little	Эem'	Magnolia		5 x 4	200L	As Shown
ın	Magnolia 'Exmo	uth'	Magnolia		8 x 6	200L	As Shown
ta	Tristaniopsis lau	rina 'Luscious'	Water Gum		10 x 8	600L	As Shown
રા	SHRUBS						
V	Agave attenuata	1	Agave		1 x 1	300mm	As Shown
V	Agave Blue Glo	N	Agave Blue Glow		0.7×0.7	300mm	As Shown
ar	Alcantarea impe	rialis 'Rubra'	Bromeliad		0.3×0.7	300mm	As Shown
le	Asplenium aust	ralasicum	Bird's Nest Fern		1 x 1	300mm	As Shown
ch	Blechnum gibbl	ım 'Silver Lady'	Silver Lady Fern		1.2 x 1	300mm	As Shown
os	Pittospormum '	√liss Muffet'	Miss Muffet		1 x 1.5	300mm	As Shown
rr	Phormium tena	ː 'Flamin'	New Zealand Flax		0.8×0.8	300mm	As Shown
0	Philodendron 'X	anadu'	Xanadu		0.8 x 1	300mm	As Shown
h	Raphiolepsis inc	dica 'Oriental Pearl'	Indian Hawthorne		1 x 1	300mm	As Shown
yς	Syzygium Casc	ade	Cascade Lillypilly		2 x 2	300mm	As Shown
st	Westringia 'Aus	sie Box'	Coastal Rosemary		1 x 1	300mm	As Shown
GRASSES AND GROUNDCOVERS							
p	Agapanthus orie	ntalis	African Lily		.75 x .75	140mm	5 per m²
oc	Carpobrotus gla	ucescens	Pigface		0.1 x 1	140mm	5 per m²
nc	D <i>ichondra</i> 'Silve	r Falls'	Silver Falls		0.2 x 1	140mm	5 per m²
ne	Dianella 'Silver S	Streak'	Silver Streak Flax Lily	у	0.5 x 0.5	140mm	5 per m²
р	_iriope 'Just Rig	nt'	Liriope		0.7×0.7	140mm	5 per m²
e	Senecio serpen	S	Blue Chalk Sticks		0.2 x 0.5	150mm	5 per m²
ch	Trachelospermι	ım Jasminoides	Star Jasmine		.3 x .5	140mm	5 per m²
а	Viola hederacea	!	Native Violet		0.2 x 0.5	150mm	5 per m²
ne p e	Dichondra 'Silve Dianella 'Silver S Liriope 'Just Rig Senecio serpen Trachelospermu	er Falls' Streak' ht' s am Jasminoides	Silver Falls Silver Streak Flax Lily Liriope Blue Chalk Sticks Star Jasmine	у	0.2 x 1 0.5 x 0.5 0.7 x 0.7 0.2 x 0.5 .3 x .5	14 14 14 15	40mm 40mm 40mm 50mm 40mm

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G	Architectural Coordination	JW	NM	12.05.2022
F	Updated for Trees	MW	NM	08.02.2022
Е	For DA	MW	NM	03.02.2022
D	Architectural Coordination	JM	NM	28.09.2020
С	Client Coordination	JM	NM	08.09.2020
В	Architectural Coordination	JM	NM	01.09.2020
Α	For Review	JM	NM	12.04.2019
Issue	Revision Description	Drawn	Check	Date

LEGEND



Client:

Moweno Pty Ltd

Project

Residential Development 588-592 Princes Highway, Rockdale

SITE IMAGE

Level 1, 3-5 Baptist Street Redfern NSW 2016 Australia

ABN 44 801 262 380

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DEVELOPMENT APPLICATION

Drawing Name:

Landscape Coversheet

Scale:

Drawing Number:

ng Number:

000 G

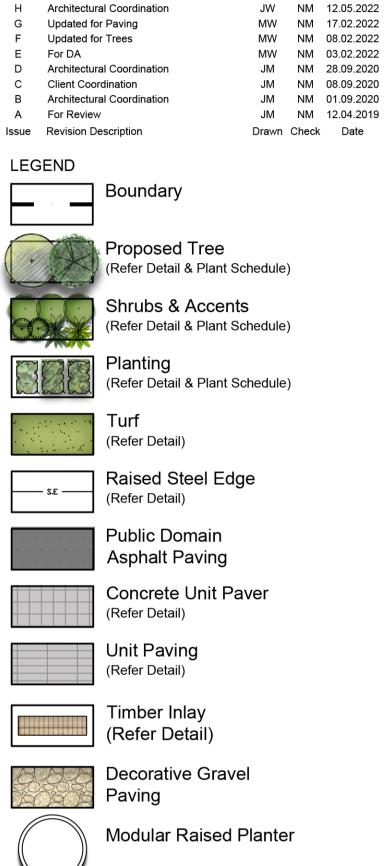
SS19-4065

Job Number: Drawing N



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Landscape Architects

DEVELOPMENT APPLICATION

Drawing Name:

Landscape Plan

Level 0 & 1

Drawing Number:

SS19-4065

—— 16 DSS — 12 SCS [02.042] — 10 SCS — Planter soil depth: 900mm [D2D31A] [0202-2A] Planter soil FF<u>L RL 15.4</u>10 depth: 900mm Planter soil depth: 900mm -_ 12 BSL Planter soil depth: 0-690mm [D2.08-2J] FFL RL 15.410 [02.09-10]

Level 2 - Plan















DEVELOPMENT APPLICATION

Australia

Drawing Name: Landscape Plan

Level 1, 3-5 Baptist Street Redfern NSW 2016

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Moweno Pty Ltd

Residential Development

588-592 Princes Highway, Rockdale

SITE IMAGE

Landscape Architects

Level 2 & 10 Scale: 1:150 @ A1

Drawing Number:

SS19-4065

102 G

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MW NM 17.02.2022

MW NM 03.02.2022 JM NM 28.09.2020

JM NM 08.09.2020

JM NM 01.09.2020

JM NM 12.04.2019

Drawn Check Date

G Architectural Coordination Updated for Paving

Client Coordination

Architectural Coordination

Architectural Coordination

Boundary

(Refer Detail)

(Refer Detail)

(Refer Detail)

Unit Paving

Timber Inlay

(Refer Detail)

Paving

Decorative Gravel

Modular Raised Planter

(Refer Detail)

Proposed Tree

Shrubs & Accents

Raised Steel Edge

Concrete Unit Paver

Public Domain Asphalt Paving

(Refer Detail & Plant Schedule)

(Refer Detail & Plant Schedule)

(Refer Detail & Plant Schedule)

For DA

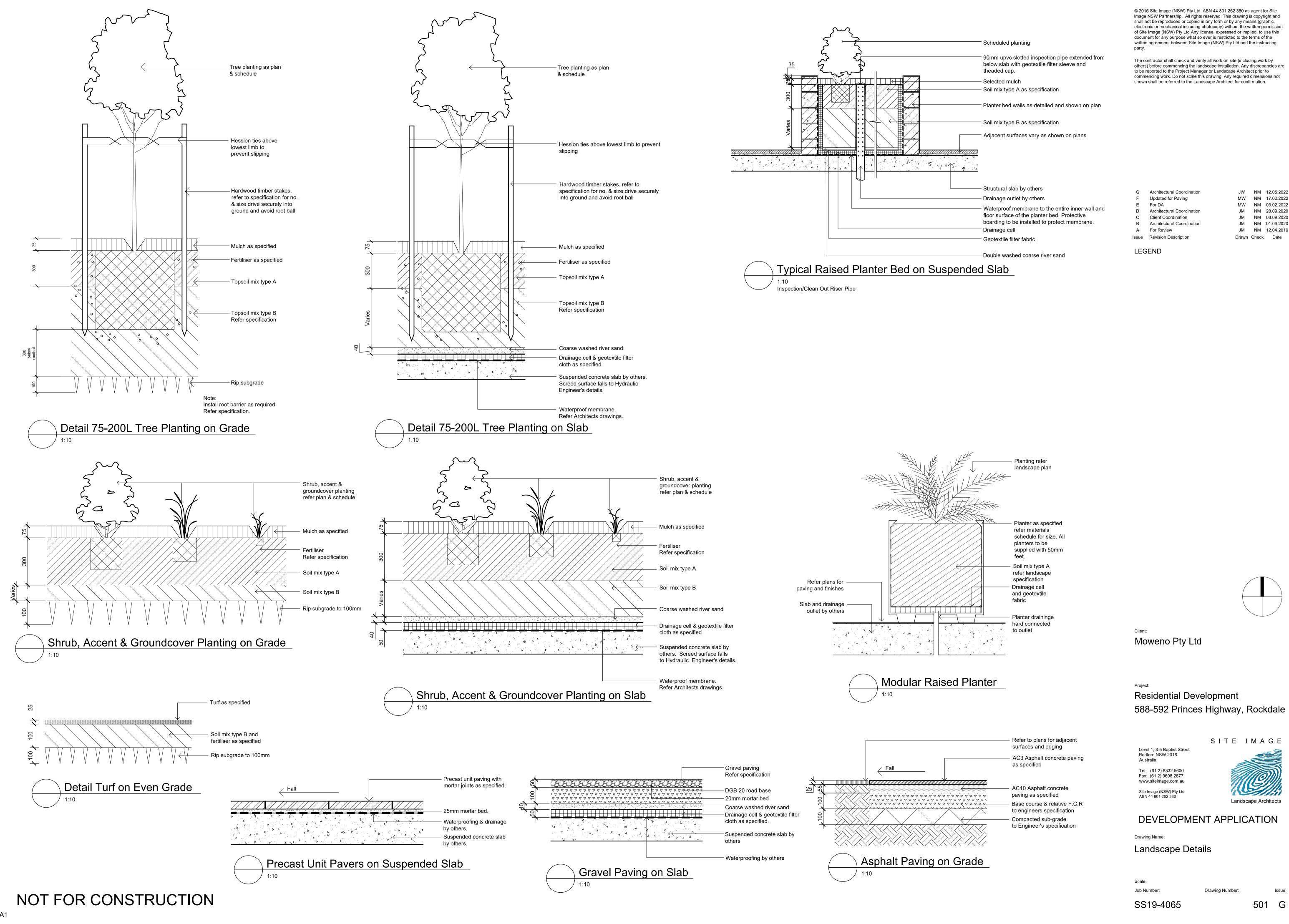
A For Review

LEGEND

Issue Revision Description



Level 10 - Plan



SPECIFICATION

GENERAL NOTES

All plans and details included in the project documents shall be read in conjunction with this specification. All structural and civil works components of the landscape design shall be referenced to engineers' details and specifications. Read this specification in conjunction with the plant and materials schedule on this drawing. If in doubt about any commencing paving. Confer with the engineer to ensure the structural • Grown in final containers for not less than twelve weeks; detail or if conflicts are found in the documents, seek advice.

Workmanship and Materials

The whole of the landscape works shall be carried out by a competent, trained and qualified landscape contractor who is experienced in horticultural practices, landscape construction and planting techniques. Undertake at least two (2) soil tests, in locations as advised by Project Plant Installation The landscape contractor shall hold a current Building Contractors License and/or be a financial member of LNA Landscape Association NSW & ACT or equivalent organisations in other states.

EXISTING TREES

Trees to be Retained and Protected

Identify and mark trees and shrubs to be retained using a suitable non-injurious, easily visible and removable means of identification. Protect from damage the trees and shrubs to be retained, including becomes damaged during the works or it is proposed to perform work on a tree, give written notice immediately and obtain instructions.

Work near Trees

Keep the area of the drip-line free from construction material and debris. Do not place bulk materials and harmful materials under or near by hand. During cultivation, thoroughly mix in materials required to be accordance with manufacturer's specification, including 300 x 300 mm trees. Do not place spoil from excavations against tree trunks. Prevent incorporated into the subsoil, as recommended in the soil testing wind-blown materials such as cement from harming trees and plants. results and to manufacturer's recommendations. Trim the surface to Do not remove topsoil from, or add topsoil to, the area within the drip-line of trees.

EARTHWORKS

Excavation, Trimming and Filling

to achieve design levels to accommodate finish materials as detailed. Compact the finished surface as required for the finished ground

Sub-soil Drainage

Keep the excavated works drained and free of standing water. Allow to • Graded evenly to adjoining surfaces; and supply and install sub-soil drainage pipes as required for the new works to ensure that all gardens are well drained. Connect the sub-soil drainage pipes to the nearest downstream stormwater pits. Include Compost pipe filter socks.

HARDWORKS

Furniture, Handrails, Balustrades

Supply and install the scheduled items in accordance the manufacturer's recommendations, as detailed and in the locations shown on plan. Provide all footings and fixings required for the items to be stable and in accordance with applicable codes and standards. Plants

Garden Walls, Fences, Steps, TGSI and Edging

Maintenance Program

Activity

Logbook

Plant Replacement

Mulch

Erosion Control

Stakes and ties

Weed and Rubbish removal

Pruning

Spraying

Urgent Works

Planting and fertilising

Watering

12 Mowing, top dressing and edging

Construct garden walls as shown on plan, as detailed and of the material scheduled. Provide footings, step nosings, tactile surfaces to comply with standards and applicable legislation.

Continuous, Unit and Loose Pavement Install the scheduled material pavement to the locations shown on plan. Ensure that all subgrade/subsurface works are complete prior to

integrity of the installation.

improvement of plant growth and to adjust the soil to achieve

Manager, and provide results and recommendations for the

appropriate planting medium (including pit levels) for successful plant

design levels after cultivation.

SOFTWORKS

Excavate all garden beds to bring the subsoil to at least 300mm below as it was above the soil in the container. Apply fertiliser, as finished design levels. Shape the subsoil to fall to subsoil drains where recommended in the soil testing results or in accordance with the Excavate all turf areas to bring the subsoil to at least 100mm below those beyond the site area, both above and below the ground. If a tree finished design levels. Shape the subsoil to fall to subsoil drains where applicable. Do not excavate within the drip line of trees to be retained. **Embankment Stabilisation** Cultivate the subsoil to a further depth of 100mm. Remove stones Do not disturb services or tree roots, if necessary cultivate these areas polymer mesh. Lay mesh from top to bottom of slope. Install in

Import topsoil for the garden and turf areas, unless the topsoil can be Root Barrier provided from material recovered from the site, as recommended in the Supply and install root control barriers to all new tree plantings soil testing results. Spread the topsoil on the prepared subsoil and Except as otherwise note in the contract, bulk excavation is excluded grade evenly, compact lightly and uniformly in 150mm layers. Avoid from the landscape works. Trim and fill the excavated ground surfaces differential subsidence and excess compaction and produce a finished accordance with manufacturer's recommendations.

- topsoil surface which has the following characteristics • Finished to design levels, allowing for mulch or turf, which is to finish Mulch flush with adjoining hard surfaces such as paths and edge;
- Smooth and free from stones or lumps of soil; Graded to drain freely, without ponding, to catchment points;

Provide, in accordance with AS 4454, well rotted vegetative material or **Stakes and Ties** animal manure, free from harmful chemicals, grass and weed growth.

Provide proprietary fertilisers, delivered to the site in sealed bags marked to show manufacturer or vendor, weight, fertiliser type, N:P:K

Frequency

D W 2W 3W M 3M 6M

Supply plants in accordance with the landscape drawings and schedules, which have the following characteristics:

ratio, recommended uses and application rates

or damage;

- Vigorous, well established, free from disease and pests, of good form consistent with the species or variety • Hardened off, not soft or forced, and suitable for planting in the natural climatic conditions prevailing at the site, and in particular
- Trees, unless required to be multi-stemmed, shall have a single
- leading shoot: and Containers shall be free from weeds and of appropriate size in relation to their container.

Following excavation of the planting hole place and spread 15gms of wetting agent pre-mixed with one (1) litre of water. Place the plant correctly orientated to north or for best presentation. Backfill the planting holes with specified topsoil mixture. Lightly tamp and water to eliminate air pockets. Ensure the topsoil is not placed over the top of the rootball. Keep the plant stem at the same height above the ground growth. The irrigation system shall be such that, component theft. applicable. Do not excavate within the drip line of trees to be retained. manufacturer's recommendations around the plants in the soil at the

Where necessary to prevent soil erosion or soil movement, stabilise exceeding 25mm, clods of earth exceeding 50mm, and weeds, rubbish embankments. As a minimum this should be on slopes >1:3. Stabilise or other deleterious material brought to the surface during cultivation. embankments using biodegradable fibre reinforced with heavy weight anchor trenches at top and bottom, backfilled with soil over the mesh and compacted, and U-shaped galvanised steel pegs at 1000 mm centres and 250mm centres at edge overlaps. Plant after matting is

adjacent to walls, paths and all trunk service trenches, where their proximity poses a threat to the stability of the infrastructure. Install in

Mulch shall be approved recycled wood fibre or pine bark mulch. Place • Weeding and rubbish removal. mulch in all garden beds to a depth of 75mm, after all specified plants are installed. Keep mulch clear of all plant stems and rake to an even Maintenance Log Book surface flush with the surrounding surfaces evenly graded between design surface levels. Over fill to allow mulch to settle to the specified

Stakes shall be durable hardwood, straight, free of knots and twists, pointed at one end, in the following quantities and sizes for each of the Schedule the following activities to occur on a timely basis. various plant pot sizes: Plants (>25 lt): 1 off 38 x 38 x 1200mm; Semi-advanced plants (≥75 lt): 2 off 50x50x 1800mm;

Advanced (>100 lt): 3 off 50 x 50 x 2400mm.

Action

Complete a logbook entry every day at site and at least every two

Inspect and replace failed plants within 2 weeks of observation of failure. Match species, size (original) and location of new with old.

Inspect and replace mulch deficiencies within 2 weeks of

observation. Prior to placing new mulch aerate the soil by fork turning to a depth of at least 100mm, roughly level the soil and then place mulch. Do not disturb major plant roots while aerating soil.

Inspect every two weeks and repair ground, soil and mulch

immediately. Maintain erosion control device as necessary.

remove as plants mature and are able to support themselves.

Inspect every two weeks, adjust and/or replace as necessary but

Inspect and remove immediately upon observation. Leave no waste

on site. Dispose of waste material at a designated waste disposal

Inspect every 2 weeks and prune as necessary to remove dead wood, improve plant shape and promote healthy vigorous new

Inspect every 2 weeks and action as necessary. Do not spray if

Complete within 1 week (7 days) of notification. Inspect and clear

Water when and where necessary every day at site and at least every 2 weeks generally. Do not allow soil and plants to dehydrate. Allow for prolonged rain, windy and dry periods. Water in the early

morning or late afternoon to avoid excessive evaporation during the

+ Summer fortnightly. Winter monthly. Top-dress 6 monthly.

heat of the day.

Inspect every 2 weeks and remove spent flowers and dead stalks as they become apparent. Fertilise gardens every 3 months or other frequency in accordance with fertiliser manufacturer's directions.

Spray for disease control only when absolutely necessary.

other non-chemical methods will satisfy the need to remove insects.

weeks. All actions listed below require a logbook entry. Upon request, make the logbook available for inspection. Submit copies of new entries in the logbook to the Contract Administrator on a monthly basis. Please note that more frequent, short, occasional inspection should result in less maintenance work when problems are observed

earlier than they might otherwise have been seen.

Turf shall be delivered to site as 25mm minimum thick cut rolls. Obtain controllable situation then correct the situation prior to replacing turf from a specialist grower of cultivated turf. Provide turf of even

• Large healthy root systems, with no evidence of root curl, restriction thickness, free from weeds and other foreign matter. Deliver turf to the site within 24 hours of being cut, and lay it within 24 hours of delivery. Prevent it form drying out between cutting and laying. Lay the turf in the shape and form expected of the plant type.

- following manner In stretcher pattern, joints staggered and close butted; Parallel long sides of level areas, with contours on slopes; &
- To finish flush, after tamping, with adjacent finished surfaces of

ground. **IRRIGATION**

All proposed landscape areas shall be irrigated.

The irrigation system shall be an automatic fixed drip system, with an irrigation controller self operated via a soil moisture sensor. The system recommendations. Record in the logbook all relevant details of shall be compatible to the type of plant material and rates of water required. Where appropriate adjustable and fully serviceable. The layout of the entire irrigation is to ensure that each individual plant receives the required amount of water to maintain healthy and vigorous o vandalism, over-spray and wetting of paths shall be reduced to a minimum or completely eliminated by the use of drip, pop-up sprinklers and judiciously placed fixed spray emitters. Do not use fine mist type emitters that provide a drifting mist that may wet paths and the

LANDSCAPE MAINTENANCE

The Landscape Contractor shall rectify defects during installation and that become apparent in the works under normal use for the duration of o the contract Defects Liability Period. The Landscape Contractor shall maintain the contract areas by the implementation of industry accepted • horticultural practices for 52 weeks. The landscape maintenance works plants remain correctly staked. Remove those not required at the end shall include, but not be limited to, the following:

- Pruning; Insect and pest control; Fertilising;
- Stakes and ties;
- Maintaining mulch; Mowing and top dressing;

Replacing failed plants;

 Irrigation and watering; Erosion control; and

Implement and keep a maintenance log book recording when and what • Erosion control - Where necessary, maintain the erosion maintenance work has been undertaken and what materials, actions and decisions have been used, implemented and concluded to keep the landscape always looking its best.

Maintenance Activities

 Plant replacement - Replace plants that have failed to mature, die or are damaged. Replacement plants shall be in a similar size and possible, time weed removal to precede flowering and seed set. quality and identical species or variety to the plant that has failed. Replacement of plants shall be at the cost of the landscape contractor unless advised otherwise. If the cause of the failure is due to a

Pruning - Prune dead wood, broken limbs, dead or infected foliage and as needed to develop strong, healthy plants to achieve the

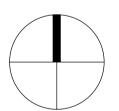
- Insect and pest control Avoid spraying:
- if ever possible; o in wet weather or if wet weather is imminent;
- if target plants are still wet after rain;
- in windy weather; and if non-target species are too close.
- Immediately report to the Project Manager any evidence of intensive weed infestation, insect attack or disease amongst plant material. Submit all proposals to apply chemicals and obtain approval before starting this work. When approved, spray with herbicide, insecticide, fungicide as appropriate in accordance with the manufacturers'
- spraying activities including: Product brand / manufacturer's name,
- Chemical / product name,
- Chemical contents.
- Application quantity and rate, Date of application and location,
- Results of application, and
- Use approval authority.
- Fertilising Fertilise gardens with a proprietary slow release fertiliser applied in accordance with the manufacturer's directions and recommendations. Record in the logbook all relevant details of
- fertilising including: Product brand / manufacturer's name,
- Fertiliser / product name,
- Application quantity and rate, and Date of application and location.
- Stakes and ties Adjust and replace as required to ensure
- of the planting establishment period (Defects Liability Period). Maintaining mulch - Maintain the surface in a clean, tidy and weed free condition and reinstate the mulch as necessary to ensure
- correct depth as specified. Mowing and top dressing - Mow the turf to maintain a grass height of between 30-50mm. Do not remove more than one third of
- the grass height at any one time. Remove grass clippings from the site after each mowing. Top dress to a maximum of 10mm to fill depressions and hollows in the surface.
- Irrigation and watering Maintain the irrigation system to sure that each individual plant receives the required amount of water to maintain healthy and vigorous growth, adjust and rectify as required. Provide additional watering, if necessary.
- control devices in a tidy and weed free condition and reinstate as necessary to ensure control measures are effective where deemed
- Weeding and rubbish removal During the plant establishment period remove by hand, rubbish and weed growth that may occur or re-occur throughout all planted, mulched and paved areas. The contractor shall target weeds that are capable of producing a major infestation of unwanted plants by seed distribution. Whenever

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E For DA NM 03.02.2022 Architectural Coordination NM 28.09.2020 Client Coordination JM NM 08.09.2020 Architectural Coordination JM NM 01.09.2020 A For Review JM NM 12.04.2019 Issue Revision Description Drawn Check Date

LEGEND



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DEVELOPMENT APPLICATION

Drawing Name: Landscape Specification

Scale:

Job Number:

Drawing Number

SS19-4065 502 E

NOT FOR CONSTRUCTION