

Drainage Landscape and / or building contractor(s) are responsible for civil and hydraulic computations for landscape building works including, but not limited to surface and sub surface drainage for all landscape areas prior to commencement of works Plants - Quality of Trees and Shrubs Trees and shrubs shall be healthy nursery stock free from insects, diseases and weeds. The specified plant heights, and pot sizes are minimums. if plant material is unavailable in these sizes, larger stock must be used. Plant substitution is not acceptable unless

regrowth with the same species as specified in the plant schedule within the assigned maintenance period Irrigation An in-ground automatic or manual drip (or spray where practical) irrigation system to be installed to all garden areas (and planter boxes if applicable) to be operated in accordance with current local watering regulations. Timber Edging Timber edging to be 75mm x 25mm treated pine secured to 300mm long treated pine stakes at nom. min 1000mm spacings with galvanised screws and installed to all

junctions between garden beds, lawn and topping / pebble areas

application rates, replacement of deceased, stolen or vandalised plants beyond repair or

The planting hole surface is to be shaped to minimise waterlogging/excessive water retention but retain the mulch material neatly. The site must be left in a clean and safe condition Plant Establishment Period The landscape is to be maintained by applying best horticultural practice to promote healthy plant performance for a 13 week establishment period following the approval of Practical Completion by the responsible authority including (but not limited to) the following tasks - Pruning as necessary to maintain plants in a healthy and structurally sound manner, pest and diseases - vegetation to be pest and disease free, mulching, staking and tying - 75mm mulch depth to be maintained around tree bases throughout maintenance period, watering - as often as necessary to ensure healthy and vigorous growth in accordance with current local watering regulations, weeding - maintained in a weed free state over the entire mulch area by spraying or mechanical mean, fertilising -3/6 x monthly slow release fertiliser in accordance with manufacturers recommended

friable state, with no bricks, rocks or foreign material - if sufficient material is not available form the original hole to backfill, a similar soil type must be sourced and used. Soil material must be firmly backfilled in layers to prevent large air pockets from occurring, then thoroughly watered in. Trees to be staked with two 2250mm x 70mm hardwood stakes driven firmly into the ground - stakes must not be placed through the rootball area. Trees are to be secured to each stake with a strong, soft and flexible material, tight enough to support the tree in windy conditions - yet loose enough to stimulate development of a good supportive root system. Tree tie material must not injure tree bark or restrict trunk growth for a minimum period of three years. Slow release fertiliser (3/6 month formulation) such as 'Osmocote' is to be applied to the top of the rootball area away from the trunk / stem to manufacturers specifications and watered in immediately. All trees to be mulched to a diameter of 1200mm wide and to a depth of 100mm but must not be in contact with the tree trunk. Mulch is to be an aged organic material with 60 - 80 percent of its volume being wood chip particles in a size range of 25 - 50mm maximum. Mulch is to be spread at a consolidated depth of 75mm.

any proposed trees located within 5metres of any proposed or existing (including neighbouring) building lines, retaining walls, rain gardens and any built constructions. Planting Procedure If soil to planting hole is dry - fill with water and allow to drain completely. Tree roots are

New lawn areas on the Landscape Plan being established with seed or turf from a noninvasive grass species. Appropriate grass species include Queensland Blue-grass (Dicantheum sericeum), Red-leg Grass (Bothriocholoa macra), Weeping Grass (Microlaena stipoides), Creeping Bent Grass (Agrostis stolonifera), Clustered Wallaby Grass (Danthonia racemosa), Kentucky Blue-grass (Poa pratensis), Tall Fescue (Festuca arundinacea) General It is the responsibility of the consulting engineer to specify building construction methods (for all existing and proposed built constructions on and off site) that are able to withstand disturbance from proposed trees and planting - whether directly from the

tree/plant, or as a result of changes to the soil profile (i.e. soil movement as a result of

changes in moisture levels). It is recommended that root control barriers be installed for

to be teased outwards if matted or circling occurs prior to backfilling. Place tree in centre of hole on firm soil to prevent sinking, ensuring top of the rootball is flush with the

surrounding soil surface and the trunk is vertical. Backfill material is to be in a loose,

Mulch The specified mulch for garden beds is to be an aged organic material with 60 - 80 percent of its volume being wood chips particles in a size range of 25 - 50 mm maximum. Mulch is to be spread at a consolidated depth of 75mm Lawns

texture to be light to medium friable loam free from silt material Imported topsoil for lawn rejuvenation / establishment shall have the above characteristics, but shall be a free draining sandy loam lightly compacted to minimum 100mm depth

Soil Preparation Topsoil is to be spread in maximum 150mm layers, lightly compacted by use of a 150 -200kg roller, or by thoroughly walking until it accords with finished kerb levels or to within 75mm below edging levels to accommodate mulch. Imported topsoil for garden beds is to be medium texture general purpose garden soil and lightly compacted to minimum 300mm depth to garden beds. Soil is to comply with s.a.a. 2223-1978, and as follows: free from perennial weeds and their roots, bulbs and rhizomes free from building rubble and any other matter deleterious to plant growth ph to be 6.0 - 7.0

under suitable conditions. Disturbance to indigenous soil structure is to be minimised. The use of machinery that may damage soil structure or profile is not acceptable. Sub-grade to all lawn and planted areas is to be cultivated to a minimum depth of 150mm and shaped to achieve drainage falls prior to topsoiling. Subgrade to be tested prior to preparation and conditioning to determine ph, salinity and gypsum requirement. Any gypsum required is to to be distributed at the manufacturers recommended rate and cultivated into the sub-grade at a minimum depth of 150mm . Proposed topping areas to be graded / drained to prevent water discharge into neighbouring properties Weed control Remove and dispose of environmental weeds off site prior to subgrade preparation, topsoiling and planting works.

Site preparation to be carried out in accordance with best horticultural practice and

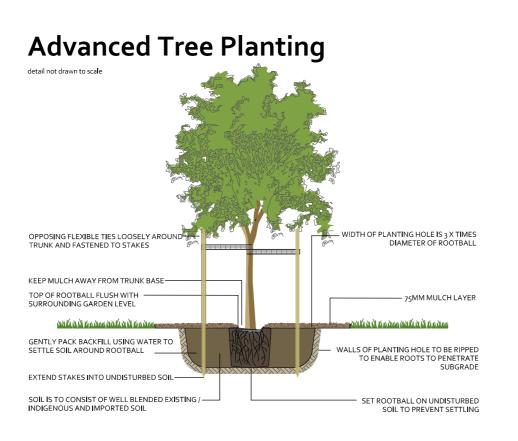
Specifications

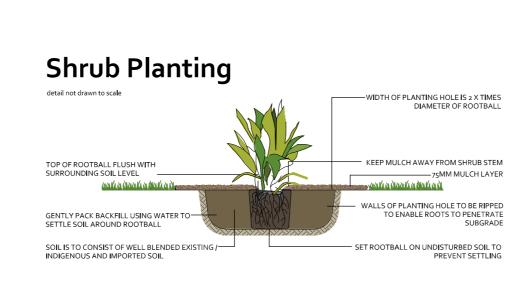
Subgrade preparation

ed evergreen tree Proposed lawn areas Proposed concrete surfaces Proposed loose decorative pebbles Proposed compacted toppings / Proposed ornamental and native grasses granitic sand Proposed permeable paving Proposed ground cover/ low planting Proposed timber decking Existing trees to be retained and protected 0 Proposed paver step-stones Proposed washing line Existing vegetation to be removed Proposed 6m3 storage shed Proposed bin storage area Proposed rain water tank

Legend







Surface	Finishes Detail

75mm ORGANIC PINE BARK MULCH

75MM COMPACTED FCR BASE

SUBGRADE

(NO COMPACTED FCR BASE AROUND BASE OF EXISTING TREES)

NON INVASIVE SEEDED OR TURF LAWN (SEE SPECS)

100MM APPROVED SANDY LOAM SOIL

MIN 150mm DEEP ROTARY HOED SUBGRADE

Garden Beds

400mm APPROVED MEDIUM LOAM SOIL MIN 150mm DEEP ROTARY HOED SUBGRADE

Topping / Pebble Areas 40MM COMPACTED TOPPINGS / GRANITIC SAND / 30 TO 40MM RIVER PEBBLE

Lawn areas

Existing Vegetation Summary

Tree No.	Botanical Name Pinus radiata	Common Name Monterey Pine	Status Retain	HxW(m)		
				18 × 6		
2	Pinus radiata	Monterey Pine	Remove	18 × 6		
3	Pinus radiata	Monterey Pine	Retain	19 X 7		
4	Pinus radiata	Monterey Pine	Retain	20 X 6		
5	Pinus radiata	Monterey Pine	Retain	20 X 6		
6	Pinus radiata	Monterey Pine	Retain	21 X 8		
7	Pinus radiata	Monterey Pine	Retain	19 X 5		
8	Pinus radiata	Monterey Pine	Retain	19 X 9		
9	Pinus radiata	Monterey Pine	Retain	18 X 12		
10	Corymbia maculata	Spotted Gum	Retain	26 X 14		
11	Pinus radiata	Monterey Pine	Retain	19 X 14		
12	Pinus radiata	Monterey Pine	Retain	18 X 9		
13	Corymbia maculata	Spotted Gum	Retain	13 X 6		
14	Eucalyptus viminalis subsp. viminalis	Manna Gum	Retain	14 × 9		
15	Eucalyptus viminalis subsp. viminalis	Manna Gum	Retain	18 X 12		
16	Eucalyptus viminalis subsp. viminalis	Manna Gum	Retain	18 × 7		
17	Eucalyptus viminalis subsp. viminalis	Manna Gum	Retain	21 X 12		
18	Eucalyptus viminalis subsp. viminalis	Manna Gum	Remove	7 X 3		
19	Eucalyptus viminalis subsp. viminalis	Manna Gum	Retain	22 X 8		
20	Eucalyptus viminalis subsp. viminalis	Manna Gum	Remove	23 X 12		
21	Eucalyptus viminalis subsp. viminalis	Manna Gum	Remove	10 X 2		
22	Eucalyptus viminalis subsp. viminalis	Manna Gum	Retain	23 X 13		
23	Eucalyptus viminalis subsp. viminalis	Manna Gum	Retain	19 X 5		
24	Eucalyptus viminalis subsp. viminalis	Manna Gum	Remove	- x -		
25	Eucalyptus viminalis subsp. viminalis	Manna Gum	Remove	10 X 9		
26	Eucalyptus viminalis subsp. viminalis	Manna Gum	Remove	10 X 9		
28	Eucalyptus viminalis subsp. viminalis	Manna Gum	Retain	11 X 8		
29	Eucalyptus viminalis subsp. viminalis	Manna Gum	Retain	12 X 14		

NOT FOR CONSTRUCTION DO NOT SCALE FROM PLAN. THE CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING ANY WORK OR SHOP DRAWINGS

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DATE 13 07 23 **PROJECT #**3784 SCALE 1 : 100 @ AO REVISION #B DRAWN BY J.H - D.AppSc (Hort) Burnley / Melb CLIENT

Code	Botanical Name	Common Name	Supply Size	Mature	HxW(m)) Qty
TREES						
AM	Acacia melanoxylon	Blackwood	40ltr/min 1.8m high	15 >	8	2
AL	Allocasuarina littoralis	Black Sheoak	40ltr/min 1.8m high	8 >	4	10
BM	Banksia marginata	Silver Banksia	40ltr/min 1.8m high	5 >	3	15
CCD	Corymbia citriodora 'Dwarf Pink'	Dwarf Lemon Scented Gum	40ltr/min 1.8m high	7 >	3	4
ERD	Elaeocarpus reticulatus 'Prima Donna'	Dwarf Blueberry Ash	40ltr/min 1.8m high	6 >	3	9
EUM	Eucalyptus melliodora	Yellow Box	40ltr/min 1.8m high	20 >	12	2
EY	Eucalyptus polyanthemos	Red Box	40ltr/min 1.8m high	15 >	8	3
EA	Eucalyptus radiata	Narrow Leaved Peppermint	40ltr/min 1.8m high	15 >	10	1
HF	Hymenosporum flavum	Native Frangipani	40ltr/min 1.8m high	10 >	4	2
					TOTAL	48
LARGE SH	IRUBS					
AFX	Agonis flexuosa 'Jervis Bay After Dark'	Willow Myrtle	20cm pot	5 >	3	
BAS	Banksia spinulosa subsp. cunninghamii	Hairpin Banksia	14cm pot	2.5 >	2	
CK	Callistemon 'Kings Park Special'	Bottlebrush	20cm pot	4 >	3	
CG	Correa glabra	Rock Correa	14cm pot	2 >	2	
GI	Grevillea 'Ivanhoe'	Grevillea	20cm pot	5 >	3	
KE	Kunzea ericoides	Burgan	20cm pot	3 >	2	
SOL	Solanum laciniatum	Large Kangaroo Apple	14cm pot	3 >	3	
WL	Westringia longifolia	Long Leaved Westringia	20cm pot	3 >	2	
MEDIUM	SHRUBS					
ACM	Acacia myrtifolia	Myrtle Wattle	14cm pot	1.5 >	1.5	_
CRR	Callistemon 'Red Rocket'	Red Rocket Bottlebrush	14cm pot	1.2 >	1.2	_
СТ	Choisya ternata	Mexican Orange Blossom	14cm pot	1.2 >	1.2	4
COR	Correa alba	Coastal Correa	14cm pot	1.5 >	1.5	Ē
CR	Correa reflexa	Common Correa	14cm pot	1.1 >	1.2	ш
GO	Goodenia ovata	Hop Goodenia	14cm pot	1.5 >	1.5	
IA	Indigofera australis	Austral Indigo	14cm pot	2 >	1.5	Δ
RHO	Rhapiolepis indica 'Oriental Pearl'	Indian Hawthorn	14cm pot	.90 >	(1	ш
GROUND	COVERS & LOW SHRUBS					~
ACO	Acacia cognata 'Mini Cog'	Dwarf Bower Wattle	14cm pot	.75 >	1.2	
AJA	Ajuga australis	Austral bugle	14cm pot	.30 >	.70	F
BRM	Brachyscome multifida	Cut-Leaf Daisy	14cm pot	.30 >	.75	-
CGJ	Callistemon 'Green John'	Green John Bottlebrush	14cm pot	.60 >	.60	
LIR	Liriope 'Isabella'	Liriope	14cm pot	.40 >	.50	ш
VH	Viola hederacea	Native Violet	14cm pot	.17 >	(2	
WAB	Westringia fruticosa 'Aussie Box'	Compact Coastal Rosemary	14cm pot	.90 >	.90	0
TUSSOCK	S/GRASSES/ EVERGREEN PERENNIALS					F
AP	Anigozanthos pulcherrimus 'Bush Noon'	Bush Noon Kangaroo Paw	14cm pot	.80 >	.60	
DL	Dianella longifolia	Smooth Flax Lily	10cm pot		.60	
DT	Dianella tasmanica	Tasman Flax Lily	14cm pot	.90 >		
LOF	Lomandra filiformis	Wattle Mat Rush	10cm pot	.50 >		
LL	Lomandra longifolia	Spiny Headed Mat Rush	14cm pot	1 >		
	Lomandra 'Lime Tuff'	Lomandra	10cm pot	.50 >		
LLT		Eomana				
LLT POL	Poa labillardierei var. labillardierei	Common Tussock Grass	14cm pot	.80 >		

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