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MASS PLANTING. REFER TO INDICATIVE PLANT SCHEDULE.

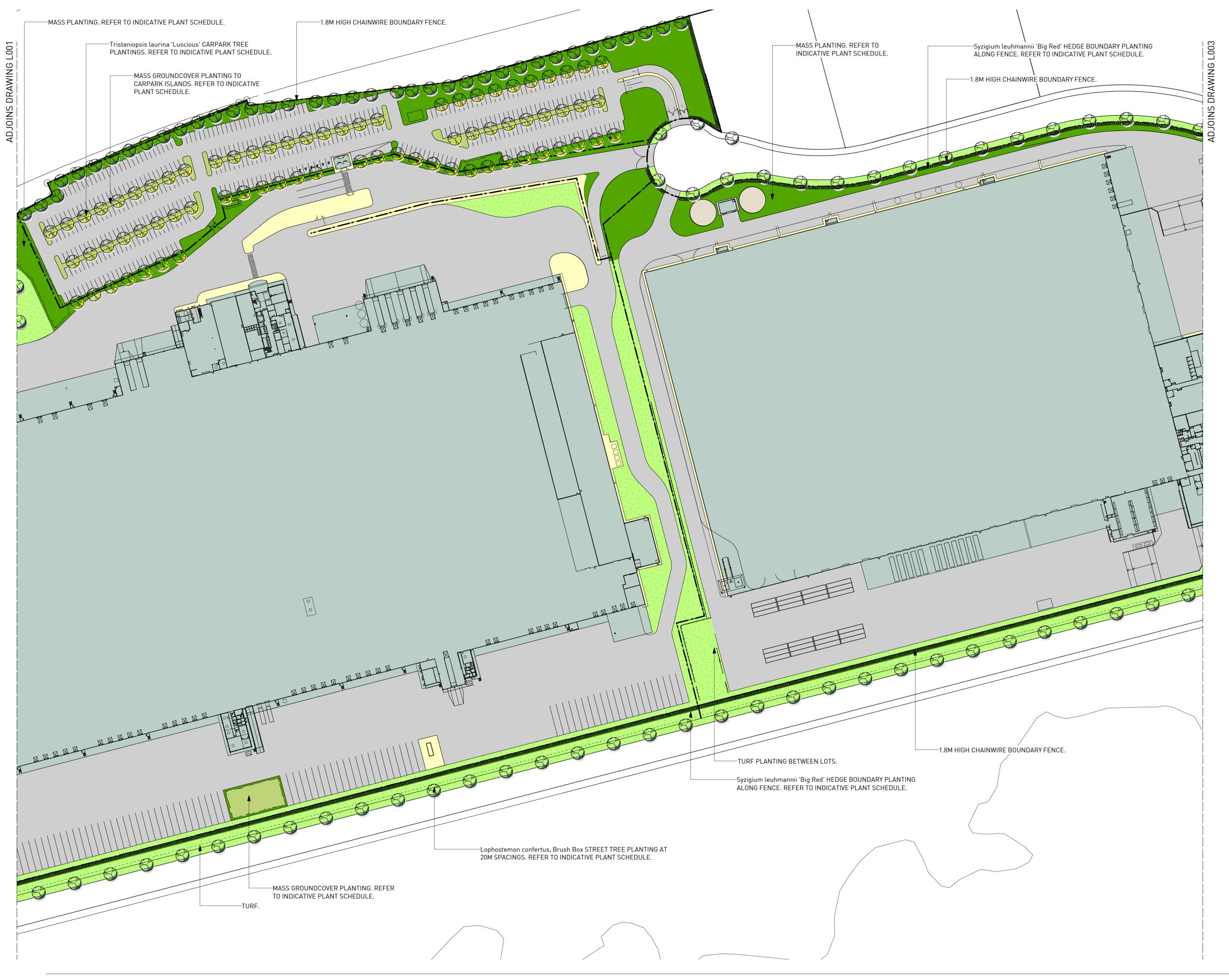
—Eucalyptus moluccana, Grey Box INFORMAL PLANTINGS IN LAWN.

KEY	
\bigcirc	CARPARK SHADE TREE- <i>Tristaniopsis</i> <i>laurina 'Luscious'</i> , Water Gum.
8	STREET TREE- <i>Lophostemon confertus</i> , Brush Box.
\bigcirc	SHADE TREE- <i>Eucalyptus moluccana</i> , Grey Box.
	PAVED SURFACE. REFER TO ARCHITECTS DWGS.
	TURF.
the second secon	MASS SHRUB PLANTING.
	MASS GROUNDCOVER PLANTING.
	HYDROSEEDED GRASS. TO FUTURE SPECIFICATION.
	DETENTION BASIN PLANTING- GROUP 1.
	DETENTION BASIN PLANTING- GROUP 2.
	DETENTION BASIN PLANTING- GROUP 3.
	MASS PLANTING TO FUTURE DRAINAGE CULVERT.

NOTE: EXISTING TREES TO BE REMOVED AND RETAINED TBC.

REVISED PART 3A ISSUE PART 3A ISSUE PURPOSE OF ISSUE		SM SM REVIEW	12.02.10 09.02.10 DATE	D C ISSUE
LANDSCAPE PLA SCALE 1:1000 @ A1				
CLIENT PROJECT ADDRESS LOCATION	MIRVAC Hoxton	PARK REDE	VELOPME	NT

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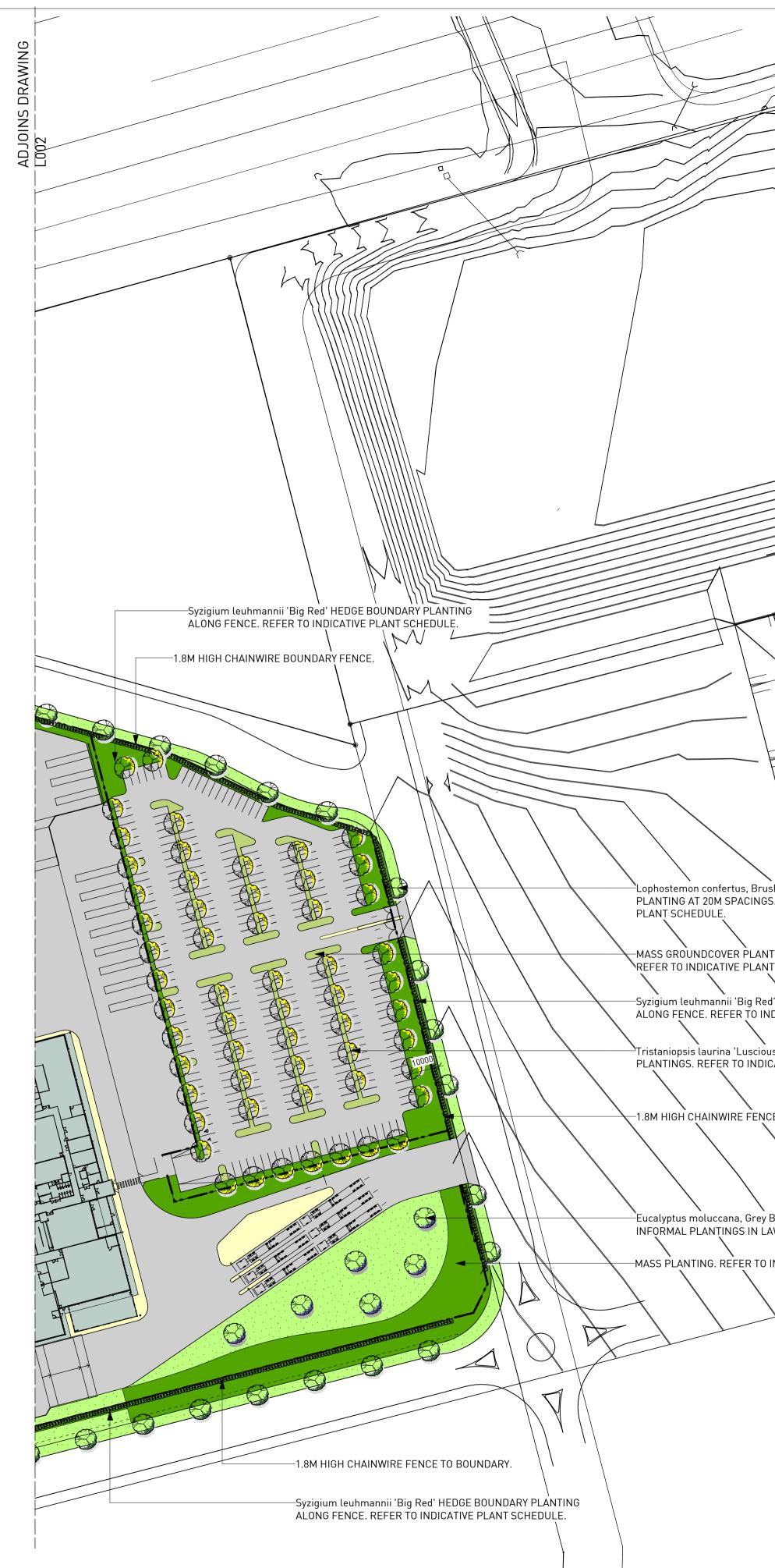
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PROPOSED BASIN TO FUTURE DESIGN.
, Brush Box STREET TREE
CINGS. REFER TO INDICATIVE
PLANTING TO CARPARK ISLANDS.
g Red' HEDGE BOUNDARY PLANTING TO INDICATIVE PLANT SCHEDULE.
ISCIOUS' CARPARK TREE
FENCE TO BOUNDARY.
Grev Box
Grey Box IN LAWN.
R TO INDICATIVE PLANT SCHEDULE.

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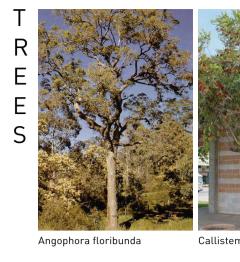
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SCALE 1:1000 @ A1	UU
CLIENT MIRVAC PROJECT ADDRESS HOXTON PARK REDEVELOPMENT LOCATION	
DRAWING TITLEAuthority ApprovalORIGINAL MEDIA SIZEA1PLOT TIME12.02.10STATUSC	

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INDICATIVE PLANT SCHEDULE

INDICATIVE PLANT SCHEDULE						
BOTANICAL NAME	COMMON NAME	HEIGHT x SPREAD	POT SIZE	DENSITY		
GENERAL PLANTING						
TREES Callistemon viminalis	Weeping Bottlebrush	15m x 10m	45L	As shown		
Eucalyptus crebra	Narrow Leaved Ironbark	20m x 15m	45L	As shown		
Eucalyptus haemastoma	Scribbly Gum	15m x 10m	45L	As shown		
Eucalyptus moluccana	Grey Box	20m x 15m	45L	As shown		
Lophostemon confertus	Brush Box	15m x 10m	45L	As shown		
Waterhousia floribunda	Weeping Lily Pily	8m x 5m	45L	As shown		
SHRUBS AND HEDGES						
Bursaria spinosa	Blackthorn	2m x 2m	200mm	1/m2		
Callistemon 'Captain Cook'	Bottlebrush	2m x 2m	200mm	1/m2		
Correa reflexa Doryanthes excelsa	Native Fuschia Gymea Lily	1m x 1m 2m x 2m	200mm 200mm	1/m2 1/m2		
Grevillea 'Robyn Gordon'	Grevillea	2m x 2m	200mm	1/m2		
Syzygium leuhmanii	Lily Pily	5m x 3m	200mm	1/m2		
GROUNDCOVERS AND NATIVE GRAS	SES					
Billardiera scandens	Apple Berry	0.3m x 2m	150mm	3/m2		
Dianella revoluta	Paroo Lily	1m x 1m	150mm	3/m2		
Hardenbergia violacaea	False Sarsparilla	0.3m x 2m	150mm	3/m2		
Hibbertia scandens	Guinea Flower	0.3m x 2m	150mm	3/m2		
Lomandra longifolia	Mat Rush	1m x 1m	150mm	3/m2		
<u>CARPARK PLANTING</u> TREES						
Tristaniopsis laurina	Water Gum	8m x 5m	45L	As shown		
GROUNDCOVERS AND NATIVE GRAS	SES					
Dianella revoluta	Paroo Lily	1m	150mm	3/m2		
Hardenbergia violacaea	False Sarsparilla	0.3m	150mm	3/m2		
Lomandra longifolia	Mat Rush	1m	150mm	3/m2		
<u>CULVERT PLANTING</u> TREES						
Casuarina glauca	Swamp Oak	12m x 8m	200mm	1/5m2		
Eucalyptus moluccana	Grey Box	20m x 15m	200mm	1/5m2		
Eucalyptus tereticornis	Forest Red Gum	20m x 15m	200mm	1/5m2		
SHRUBS						
Acacia decurrens	Black Wattle	2m x 2m	viro tube	1/2m2		
Bursaria spinosa Dillwynia sieberi	Blackthorn Prickly Parrot Pea	2m x 2m 2m x 2m	viro tube viro tube	1/2m2 1/2m2		
				.,		
GROUNDCOVERS AND NATIVE GRAS Baumea articulata		1m x 1m	viro tube	4/m2		
Baumea articulata Carex appressa	Jointed Twigrush Tussock Sedge	1m x 1m 1m x 1m	viro tube viro tube	4/m2 4/m2		
Dianella longifolia	Flax Lily	1m x 1m	viro tube	4/m2		
Juncus usitatus	Common Rush	1m x 1m	viro tube	4/m2		
Lomandra longifolia	Mat Rush	1m x 1m	viro tube	4/m2		
DETENTION BASIN PLANTING						
GROUP ONE PLANTING TREES						
Casuarina glauca	Swamp Oak	12m x 8m	200mm	1/5m2		
Eucalyptus moluccana	Grey Box	20m x 15m	200mm	1/5m2		
Eucalyptus tereticornis	Forest Red Gum	20m x 15m	200mm	1/5m2		
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GROUNDCOVERS AND NATIVE GRAS Carex appressa	SES Tussock Sedge	1m x 1m	viro tube	4/m2		
Dianella longifolia	Flax Lily	1m x 1m	viro tube	4/m2		
Lomandra longifolia	Mat Rush	1m x 1m	viro tube	4/m2		
GROUP TWO PLANTING GROUNDCOVERS AND NATIVE GRAS	SES					
Carex appressa	Tussock Sedge	1m x 1m	viro tube	4/m2		
Dianella longifolia	Flax Lily	1m x 1m	viro tube	4/m2		
Juncus usitatus	Common Rush	1m x 1m	viro tube	4/m2		
Lomandra longifolia	Mat Rush	1m x 1m	viro tube	4/m2		
GROUP THREE PLANTING GROUNDCOVERS AND NATIVE GRAS	SES					
Baumea articulata	Jointed Twigrush	1m x 1m	viro tube	4/m2		
Juncus usitatus	Common Rush	1m x 1m	viro tube	4/m2		
Phragmites australis	Rush	1m x 1m	viro tube	4/m2		













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REVISED PART 3A ISSUE PART 3A ISSUE PURPOSE OF ISSUE

LOCATION

PLOT TIME

STATUS

DRAWING TITLE

INDICATIVE PLANT SPECIES

CLIENT MIRVAC PROJECT ADDRESS HOXTON PARK REDEVELOPMENT

12.02.10

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SM12.02.10CSM09.02.10B REVIEW DATE ISSUE

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DRAWING TITLE Authority Approval ORIGINAL MEDIA SIZE A1

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SPECIFICATION NOTES

SERVICES

Before landscape work is commenced the Landscape Contractor is to establish the position of all service lines and ensure tree planting is carried out at least 3 metres away from these services. Service lids, vents and hydrants shall be left exposed and not covered by any landscape finishes (turfing, paving, garden beds etc.) Finish adjoining surfaces flush with pit lids.

PLANTING MIXTURE

Shall be homogenous blend of soil and additives in the following proportions: Imported Topsoil 50% Compost 30%

D/W Sand 20%

MULCH

APPLICATION: Place mulch to the required depth, (refer to drawings) clear of plant stems, and rake to an even surface finishing 25mm below adjoining levels. Ensure mulch is watered in and tamped down during installation. MULCH TYPE: Hardwood chip: 25mm size brown hardwood chips from purpose grown hardwood plantations.

COMPOST

Shall be well rotted vegetative material or animal manure, or other approved material, free from harmful chemicals, grass and weed growth and with neutral pH. Provide a certificate of proof of pH upon request.

PLANT MATERIAL

All plants supplied are to conform with those species listed in the Plant Schedule on the drawings. Generally plants shall be vigorous, well established, hardened off, of good form consistent with species or variety, not soft or forced, free from disease or insect pests with large healthy root systems and no evidence of having been restricted or damaged. Trees shall have a leading shoot. Immediately reject dried out, damaged or unhealthy plant material before planting. All stock is to be container grown for a minimum of six (6) months prior to delivery to site.

FERTILISER

MASS PLANTING AREAS: Fertiliser shall be 'Nutricote' or approved equivalent in granule form intended for slow release of plant nutrients over a period of approximately nine months. Thoroughly mix fertiliser with planting mixture at the recommended rate, prior to installing plants.

TURF: Shall be Shirleys No. 17 or approved equal thoroughly mixed into the topsoil prior to placing turf. TREES IN GRASS AND SUPER ADVANCED TREES: Pellets shall be in the form intended to uniformly release plant food elements for a period of approximately nine months equal to Shirleys Kokei pellets, analysis 6.3:1.8:2.9. Kokei pellets shall be placed at the time of planting to the base of the plant, 50mm minimum from the root ball at a rate of two pellets per 300mm of top growth to a maximum of 8 pellets per tree.

STAKING AND TYING

Stakes shall be straight hardwood, free from knots and twists, pointed at one end and sized according to size of plants to be staked.

a. 5-15 litre size plant 1x(1200x25x25mm) b. 35-75 litre size plant 2x(1500x38x38mm)

c. 100-greater than 200litre 3x(1800x50x50mm)

Ties shall be 50mm wide hessian webbing or approved equivalent nailed or stapled to stake. Drive stakes a minimum one third of their length, avoiding damage to the root system, on the windward side of the plant.

TURF

Obtain turf from a specialist grower of cultivated turf. turf shall be of even thickness, free from weeds and other foreign matter; lay in stretcher pattern with joints staggered and close butted. Water immediately after laying. TURF TYPE: Kikuyu

LANDSCAPE MAINTENANCE PROGRAM

Maintenance shall mean the care and maintenance of the landscape works by accepted horticultural practice as rectifying any defects that become apparent in the landscape works under normal use. This shall include, but shall not be limited to, watering, mowing, fertilising, reseeding, returfing, weeding, pest and disease control, staking and tying, replanting, cultivation, pruning, aerating, renovating, top dressing, maintaining the site in a neat and tidy condition as follows:-

GENERAL

The landscape contractor shall maintain the landscape works for the term of the maintenance (or Plant establishment) period to the satisfaction of the council. The landscape contractor shall attend to the site on a weekly basis. The maintenance period shall commence at practical completion and continue for a period of twenty six (26) weeks.

WATERING

Grass, trees and garden areas shall be watered regularly so as to ensure continuous healthy growth.

RUBBISH REMOVAL

During the term of the maintenance period the landscape contractor shall remove rubbish that may occur and reoccur throughout the maintenance period. This work shall be carried out regularly so that at weekly intervals the area may be observed in a completely clean and tidy condition.

REPLACEMENTS

The landscape contractor shall replace all plants that are missing, unhealthy or dead at the Landscape Contractor's cost. Replacements shall be of the same size, guality and species as the plant that has failed unless otherwise directed by the Landscape Architect. Replacements shall be made on a continuing basis not exceeding two (2) weeks after the plant has died or is seen to be missing.

STAKES AND TIES

The landscape contractor shall replace or adjust plant stakes, and tree guards as necessary or as directed by the Landscape Architect. Remove stakes and ties at the end of the maintenance period if so directed.

PRUNING

Trees and shrubs shall be pruned as directed by the Landscape Architect. Pruning will be directed at the maintenance of the dense foliage or miscellaneous pruning and beneficial to the condition of the plants. Any damaged growth shall be pruned. All pruned material shall be removed from the site.

MULCHED SURFACES

All mulched surfaces shall be maintained in a clean and tidy condition and be reinstated if necessary to ensure that a depth of 75mm is maintained. Ensure mulch is kept clear of plant stems at all times.

PEST AND DISEASE CONTROL

The landscape contractor shall spray against insect and fungus infestation with all spraying to be carried out in accordance with the manufacturer's directions. Report all instances of pests and diseases (immediately that they are detected) to the Landscape Architect.

GRASS AND TURF AREAS

The landscape contractor shall maintain all grass and turf areas by watering, weeding, reseeding, rolling, mowing, trimming or other operations as necessary. Seed and turf species shall be the same as the original specified mixture. Grass and turf areas shall be sprayed with approved selective herbicide against broad leafed weeds as required by the Landscape Architect and in accordance with the manufacturer's directions. Grass and turf areas shall be fertilised once a year in autumn with "Dynamic Lifter" for lawns at a rate of 20kg per 100m2. Fertiliser shall be watered in immediately after application. Irregularities in the grass and turf shall be watered in immediately after application. Grass and turf areas shall be kept mown to maintain a healthy and vigorous sward. Mowing height: 30-50mm.

WEED ERADICATION

Eradicate weeds by environmentally acceptable methods using a non-residual glyphosate herbicide (eg. 'Roundup') in any of its registered formulae, at the recommended maximum rate. Regularly remove by hand, weed growth that may occur or recur throughout grassed, planted and mulched areas. Remove weed growth from an area 750mm diameter around the base of trees in grassed areas. Continue eradication throughout the course of the works and during the maintenance period.

SOIL SUBSIDENCE

Any soil subsidence or erosion which may occur after the soil filling and preparation operations shall be made good by the landscape contractor at no cost to the client.

Note:

1. Ensure plants are watered thoroughly prior to planting and immediately following planting procedure 2. All existing weeds and grass in area of each tree is to be poisoned with 'Roundup' (or equal) one week prior to planting 3: Trees to comply with the quidance given in NATSPEC

Guide: Specifying Trees a guide to assessment of tree quality (Clark R. 2003)

Hardwood stake and tie. Position outside rootball of tree

50mm wide hessian tie in figure-8 form stapled to stake

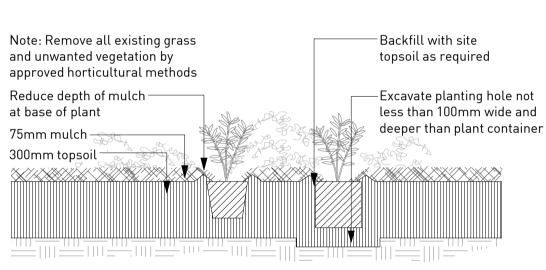
Kerb by others

600mm depth MDPE UV stabilized root barrier. Min. 0.7mm wall thickness. 300mm height

Topsoil as specified

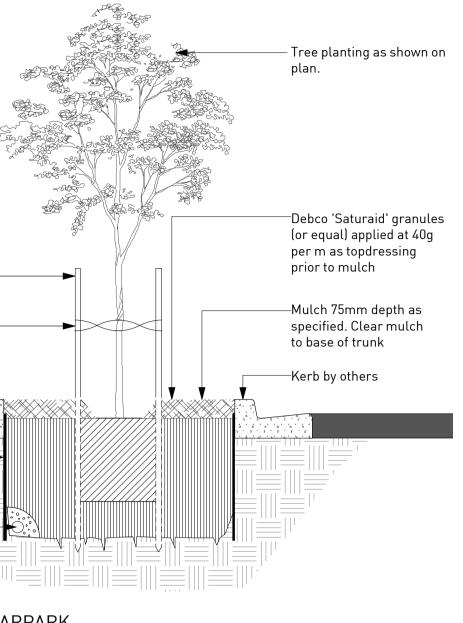
Subsoil drain wrapped in filter sock. Fall and connect to stormwater pit









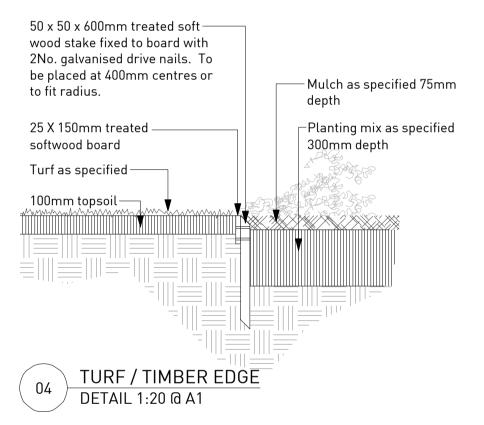


TREE PLANTING IN CARPARK

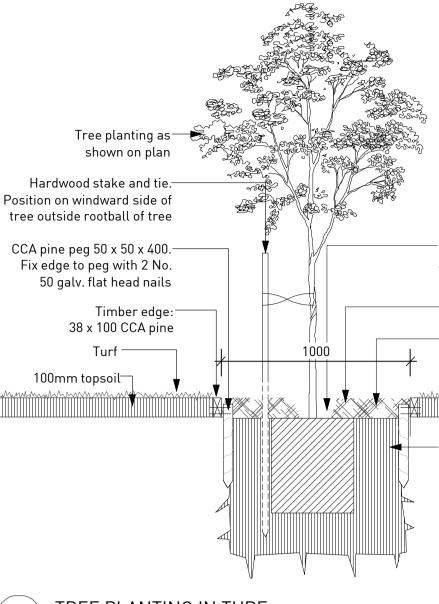


Turf ⁻

100mm topsoil



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Note: All existing weeds and grass in area of each tree is to be poisoned with 'Roundup' (or equal) one week prior to planting

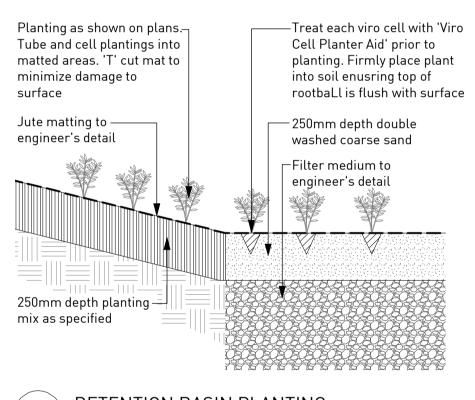
⁻Debco 'Saturaid' granules (or equal) applied at 40g per m as topdressing prior to mulch

- Clear mulch to base of trunk
- 75mm depth mulch

Planting mix as specified

Note: Ensure plants are watered thoroughly prior to planting and immediately following planting procedure





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DETENTION BASIN PLANTING DETAIL 1:20 @ A1



Authority Approval

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PROJECT ADDRESS HOXTON PARK REDEVELOPMENT

REVISED PART 3A ISSUE

PURPOSE OF ISSUE

CLIENT

LOCATION

PLOT TIME

STATUS

DRAWING TITLE

ORIGINAL MEDIA SIZE **A1**