


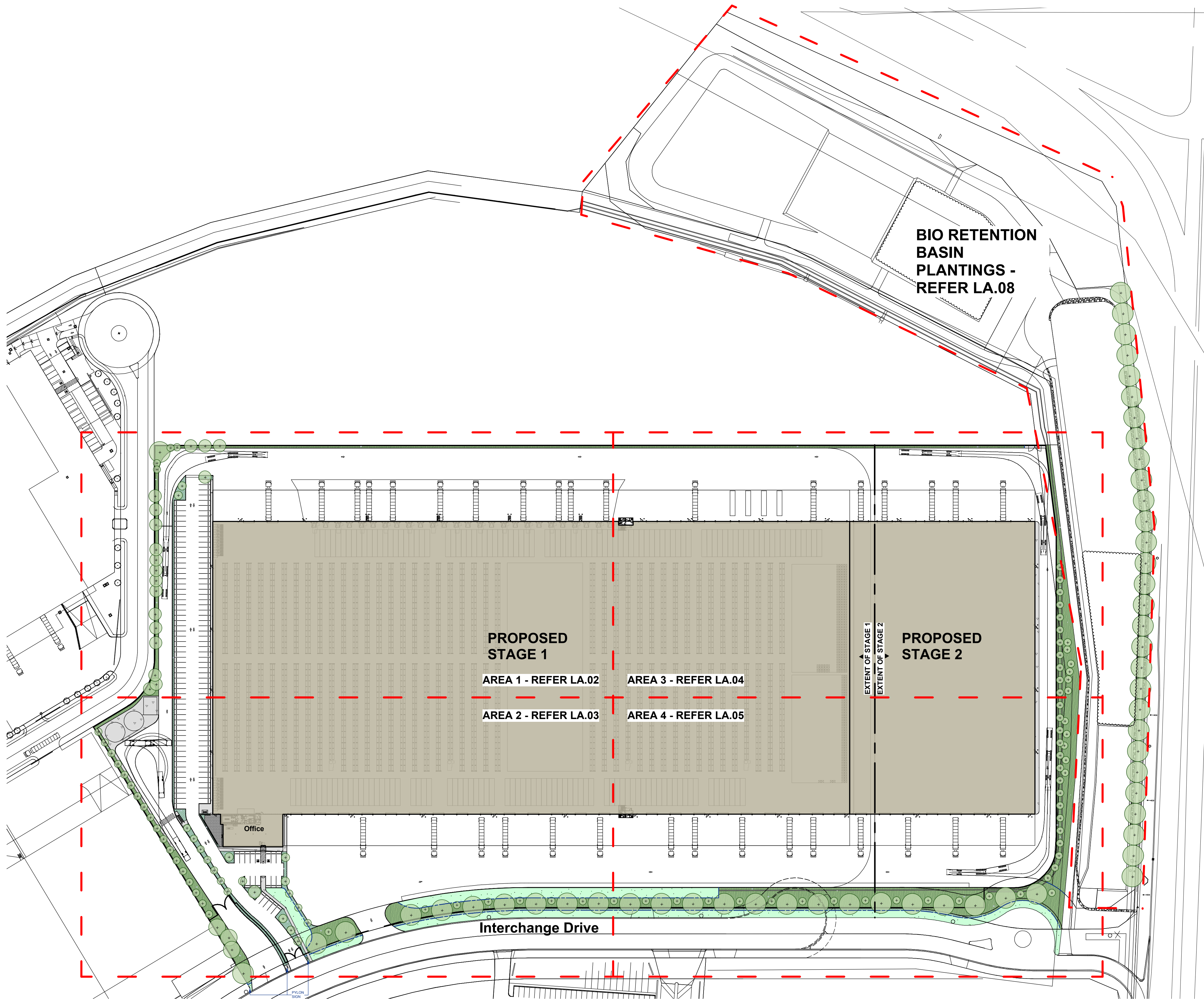


C B A	BIO-RETENTION BASIN PLANTINGS FOR APPROVAL FOR REVIEW	BL BL BL	mar 13 JAN 13 DEC 12	DESIGNED:	DATE:	APPROVED:	<div>GENERAL NOTES</div> <div>1. Do not scale of drawings. Follow written dimensions. If in doubt obtain written advice from the Superintendent.</div> <div>2. Verify all dimensions on site.</div> <div>3. Refer to legend for all symbol and code keys.</div> <div>4. Read in conjunction with the specifications.</div> <div>5. Read in conjunction with all Civil, and Electrical Engineer drawings and specifications.</div> <div>6. Read in conjunction with all associated drawings</div>	PREPARED FOR: <div>GOODMAN</div> <div>L17, 60 Castlereagh Street, Sydney NSW 2000</div> <div>1 02 9230 7400 f</div> <div></div>	PREPARED BY: <div></div> <div>Environmental Partnership</div> <div>Level 3 suite 3.01 22-36 Mountain street Ultimo 2007</div> <div>Ph: (02) 9555 1033 Fax: (02) 98185292</div> <div>Email: admin@epnsw.com.au</div> <div>ABN 53 088 175 437</div>	PROJECT: PROPOSED BUNNINGS FACILITY INTERCHANGE PARK Eastern Creek	DRAWING TITLE KEY PLAN - STAGE 1	DATE	MARCH 2013	
				SCALE	ISSUE	C								
				DRAWING NO.		3214.LA.01A								
				ISSUE	AMENDMENT	DRAWN						DATE	<div></div>	






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				EP	DEC 12			GOODMAN	Environmental Partnership	PROPOSED BUNNINGS FACILITY INTERCHANGE PARK Eastern Creek	KEY PLAN - STAGE 2	MARCH 2013
				DRAWN:	DATE:	APPROVED:		L17, 60 Castlereagh Street, Sydney NSW 2000 1 02 9230 7400 f	Level 3 suite 3 01 22-36 Mountain street Ultimo 2007 Ph: (02) 9555 1033 Fax: (02) 98185292 Email: admin@epnsw.com.au ABN 53 088 175 437			SCALE
				BL	DEC 12							1:1000 @ A1
ISSUE	AMENDMENT	DRAWN	DATE	AH	DEC 12	APPROVED:						DRAWING NO.
												3214.LA.01B



Plant Schedule (Stage 1)							
ID	Qty	Common Name	Botanical Name	Size	Mature Height	Mature Spread	Spacing
Trees							
ET	19	Forest Red Gum	Eucalyptus tereticornis	25Litre	over 30m	6 - 10m	as shown
MD	16	White Feather Honeymyrtle	Melaleuca decora	25Litre	10 - 15m	6 - 10m	as shown
TL	48	Water Gum	Tristaniopsis laurina 'Lucious'	25Litre	5 - 10m	3.5 - 6m	as shown
WA	9	Weeping Lilly Pilly	Waterhousia floribunda	25Litre	6 - 8m	3.5 - 6m	as shown
Shrubs							
BE	70	Heath-leaved Banksia	Banksia ericifolia	200mm	3 - 5m	3.5 - 6m	1200 mm
CO	225	White Correa	Correa alba	200mm	0.9 - 1.5m	0.9 - 1.2m	900 mm
DE	128	Gymea Lily	Doryanthes excelsa	200mm	1.5 - 3m	1.2 - 2.0m	1000 mm
GH	84	Honey Gem Grevillea	Grevillea 'Honey Gem'	200mm	1.5 - 3m	1.2 - 2.0m	1200 mm
GR	254	Superb Grevillea	Grevillea "Superb"	200mm	0.8 - 1.0m	0.8 - 1.0m	800 mm
MY	44	Carpet Spreading Myoporum	Myoporum parvifolium	200mm	0.45 - 0.6m	0.9 - 1.2m	800 mm
SA	165	Bush Christmas	Syzygium australe 'Bush Christmas'	150mm	1.5 - 3m	1.2 - 2.0m	1200 mm
SY	382	Tiny Trev	Syzygium "Tiny Trev"	200mm	0.8 - 1.0m	0.8 - 1.0m	800 mm
VT	78	Laurustinus	Viburnum tinus	150mm	1.5 - 3m	2.0 - 3.5m	1200 mm
WJ	517	Coastal Rosemary	Westringia fruticosa 'Jervis Gem'	200mm	0.8 - 1.0m	0.8 - 1.0m	800 mm
Native Grasses & Ground Covers							
WM	1481	Mundi	Westringia "Mundi"	viro tube	0.45 - 0.6m	0.9 - 1.2m	800mm
IN	100	Knobby Club-rush	Isolepis nodosa	viro tube	0.6 - 0.75m	0.3 - 0.6m	500 mm
LT	927	Tanika Mat-rush	Lomandra "Tanika"	viro tube	0.3 - 0.45m	0.6 - 0.9m	500 mm
LN	1368	Nyalla Mat-rush	Lomandra longifolia "Nyalla"	viro tube	0.6 - 0.75m	0.6 - 0.75m	500 mm
TA	522	Asian Jasmine	Trachelospermum asiaticum	viro tube	0.1 - 0.3m	3.0 - 5m	600mm
HV	60	False Sarsparilla	Hardenbergia violacea 'Happy Wanderer'	viro tube	1.5 - 3m	2.0 - 3.5m	800mm

Plant Schedule (Stage 2)							
ID	Qty	Common Name	Botanical Name	Size	Mature Height	Mature Spread	Spacing
Trees							
EM	3	Grey Box	Eucalyptus moluccana	25Litre	15 - 20m	6 - 10m	as shown
ER	37	Blueberry Ash	Elaeocarpus reticulatus	25Litre	5 - 10m	3.5 - 6m	as shown
ET	25	Forest Red Gum	Eucalyptus tereticornis	25Litre	over 30m	6 - 10m	as shown
MD	19	White Feather Honeymyrtle	Melaleuca decora	25Litre	10 - 15m	6 - 10m	as shown
TL	54	Water Gum	Tristaniopsis laurina 'Lucious'	25Litre	5 - 10m	3.5 - 6m	as shown
WA	9	Weeping Lilly Pilly	Waterhousia floribunda	25Litre	6 - 8m	3.5 - 6m	as shown
Shrubs							
BE	70	Heath-leaved Banksia	Banksia ericifolia	200mm	3 - 5m	3.5 - 6m	1200 mm
CO	315	White Correa	Correa alba	200mm	0.9 - 1.5m	0.9 - 1.2m	900 mm
DE	244	Gymea Lily	Doryanthes excelsa	200mm	1.5 - 3m	1.2 - 2.0m	1000 mm
DV	34	Purple Hopseed Bush	Dodonaea viscosa 'Purpurea'	200mm	3 - 5m	2.0 - 3.5m	1200 mm
GH	84	Honey Gem Grevillea	Grevillea 'Honey Gem'	200mm	1.5 - 3m	1.2 - 2.0m	1200 mm
GR	430	Superb Grevillea	Grevillea "Superb"	200mm	0.8 - 1.0m	0.8 - 1.0m	800 mm
MY	44	Carpet Spreading Myoporum	Myoporum parvifolium	200mm	0.45 - 0.6m	0.9 - 1.2m	800mm
SA	190	Bush Christmas	Syzygium australe 'Bush Christmas'	150mm	1.5 - 3m	1.2 - 2.0m	1200 mm
SY	455	Tiny Trev	Syzygium "Tiny Trev"	200mm	0.8 - 1.0m	0.8 - 1.0m	800 mm
VT	78	Laurustinus	Viburnum tinus	150mm	1.5 - 3m	2.0 - 3.5m	1200 mm
WJ	1135	Coastal Rosemary	Westringia fruticosa "Jervis Gem"	200mm	0.8 - 1.0m	0.8 - 1.0m	800 mm
Native Grasses & Ground Covers							
WM	2350	Mundi	Westringia "Mundi"	viro tube	0.45 - 0.6m	0.9 - 1.2m	800mm
IN	100	Knobby Club-rush	Isolepis nodosa	viro tube	0.6 - 0.75m	0.3 - 0.6m	500mm
LT	1245	Tanika Mat-rush	Lomandra "Tanika"	viro tube	0.3 - 0.45m	0.6 - 0.9m	500 mm
LN	2250	Nyalla Mat-rush	Lomandra longifolia "Nyalla"	viro tube	0.6 - 0.75m	0.6 - 0.75m	500mm
CX	615	Tall Sedge	Carex appressa	viro tube	0.9 - 1.5m	0.3 - 0.6m	500 mm
LL	615	Spiny-headed Mat-Rush	Lomandra longifolia	viro tube	0.75 - 0.9m	0.9 - 1.2m	500mm
MS	615	Meadow Rice Grass	Microlaena stipoides	viro tube	0.6 - 0.75m	0.6 - 0.9m	500mm
TH	615	Kangaroo Grass	Themeda australis	viro tube	0.9 - 1.5m	0.3 - 0.6m	500mm
TA	522	Asian Jasmine	Trachelospermum asiaticum	viro tube	0.1 - 0.3m	3.0 - 5m	600mm
HV	675	False Sarsparilla	Hardenbergia violacea 'Happy Wanderer'	viro tube	1.5 - 3m	2.0 - 3.5m	800mm

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				SCALE full size @ A1	ISSUE C							
				<div></div>								
ISSUE	AMENDMENT	DRAWN	DATE	AH	DEC 12	APPROVED:					DRAWING NO. 3214.LA.01C	

ADJOINS DRAWING LA.02

ADJOINS DRAWING LA.05

EXTENT OF STAGE 1

EXTENT OF STAGE 2

**PROPOSED
STAGE 2**

97-SA

25-SA

135-WJ

181-LT

34-DV

17-DE

26-ER

105-WJ

6-ER




145-WM

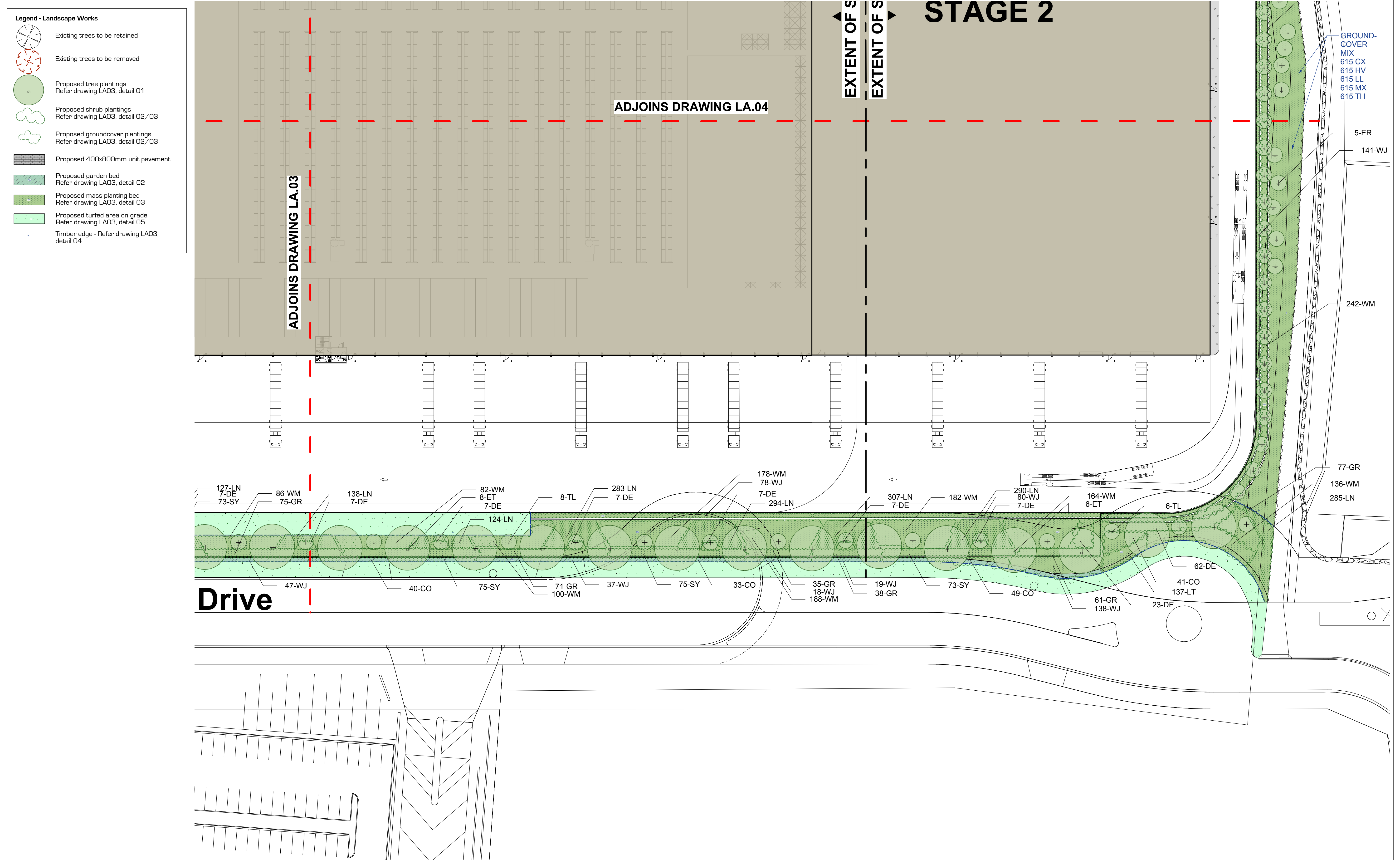
5-ER

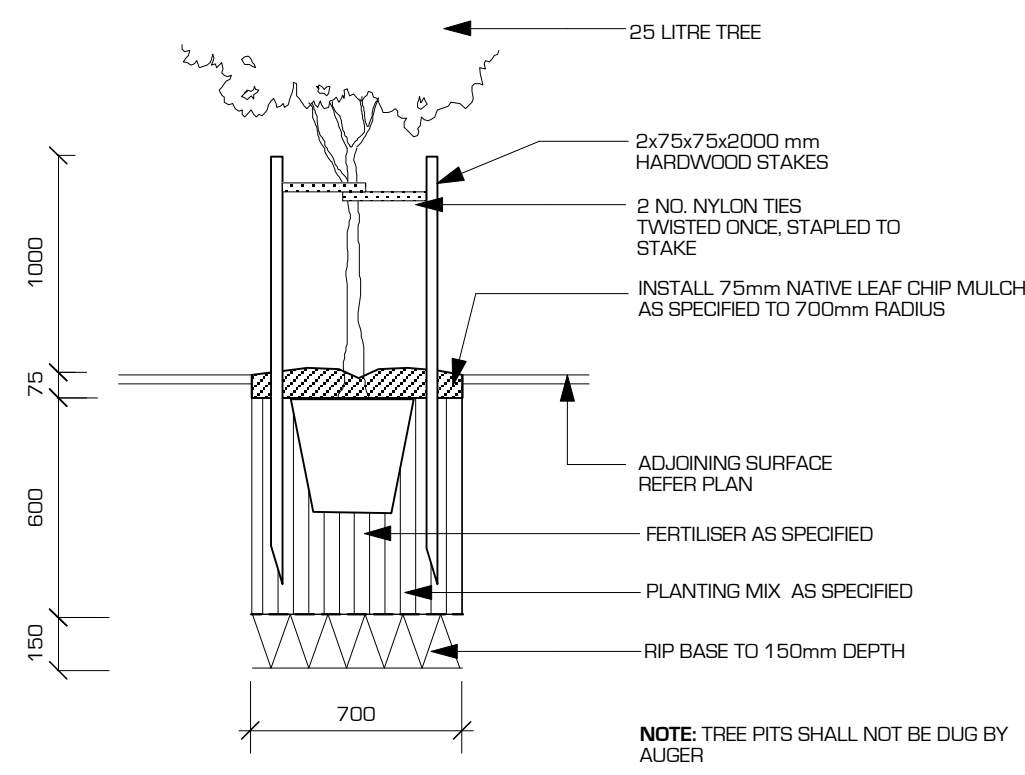
141-WJ

242-WM

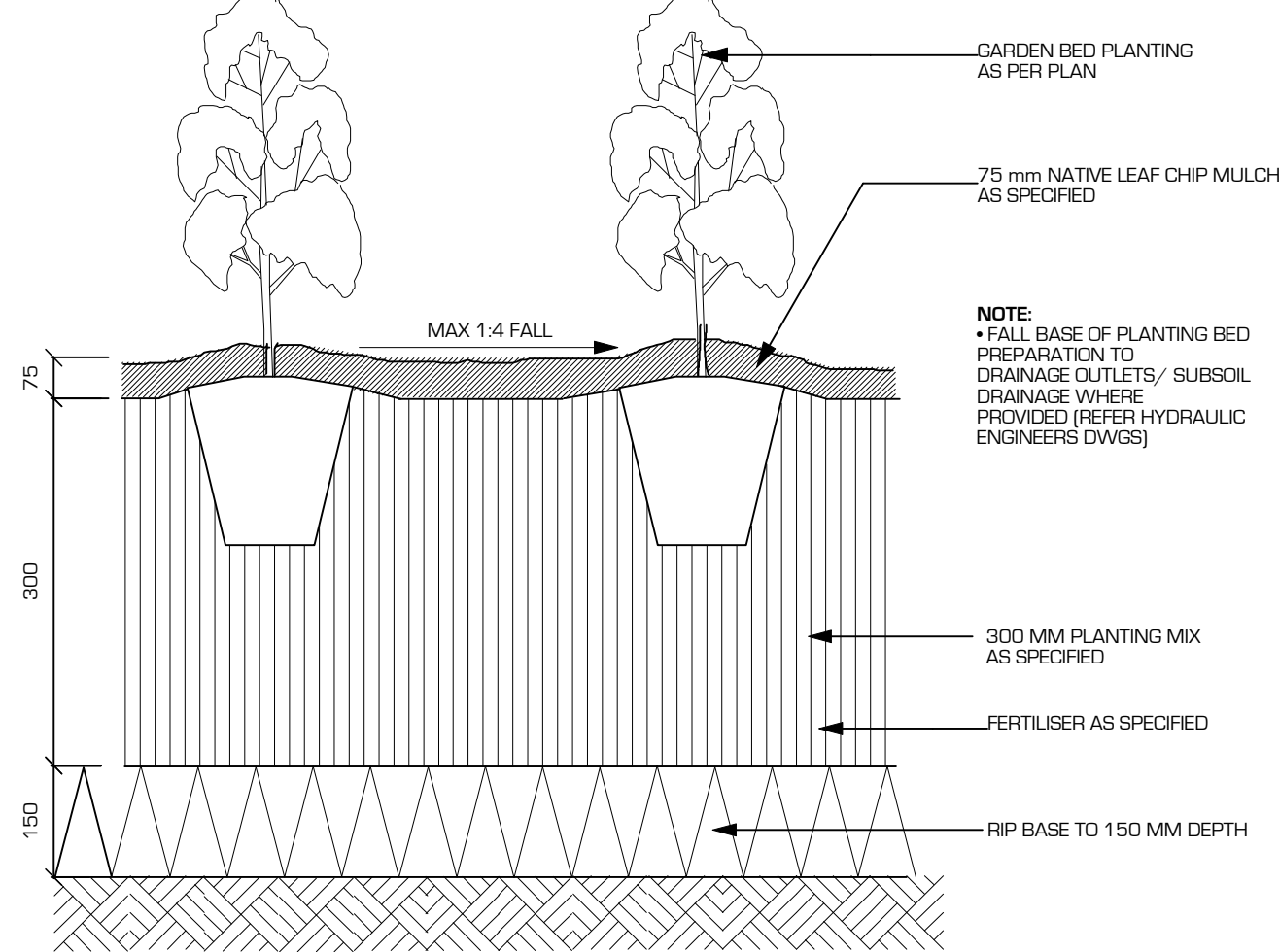
GROUND-COVER MIX
615 CX
615 HV
615 LL
615 MX
615 TH

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				SCALE 1:400 @ A1	ISSUE C							
				DRAWING NO. 3214.LA.04								
ISSUE	AMENDMENT	DRAWN	DATE	AH	DEC 12						<div></div>	

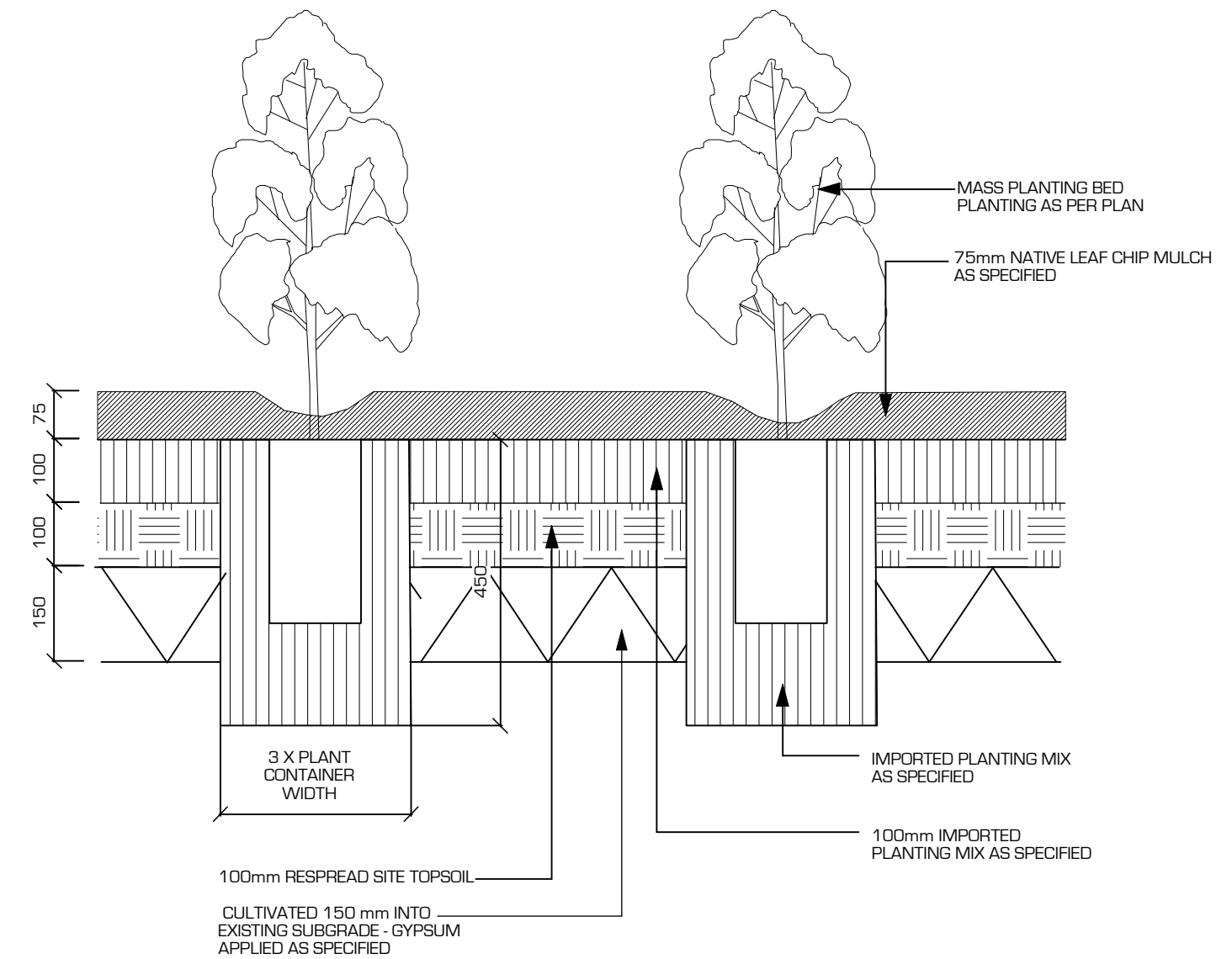




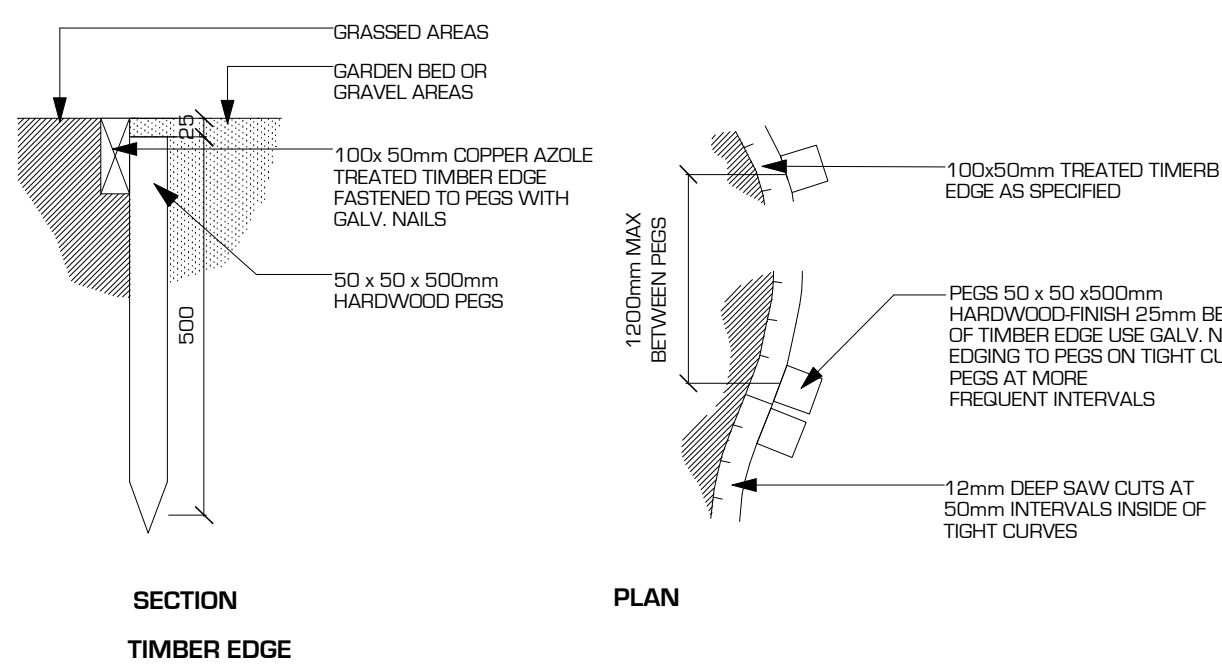
01 25L Tree Planting
scale 1:25



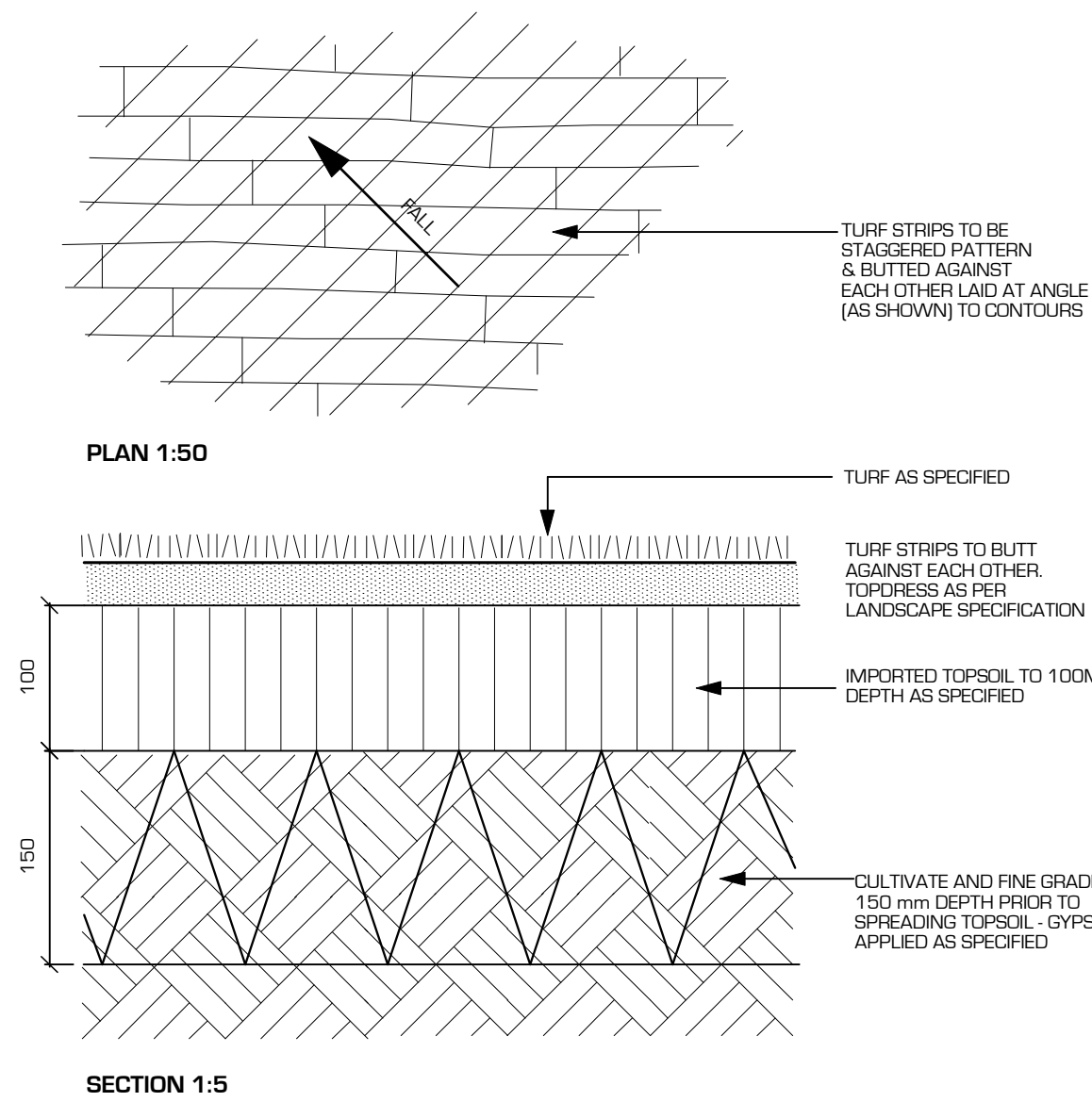
02 Garden Bed
scale 1:10




03 Mass Planting Bed
scale 1:10



04 Timber Edge
scale 1:10



05 Turfing
scale as shown

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				MARCH 2013													
				SCALE	ISSUE												
				full size @ A1	C												
ISSUE	AMENDMENT	DRAWN	DATE	AH	DEC 12											DRAWING NO.	
																3214.LA.06	

1.0 LANDSCAPE CONSTRUCTION WORKS

1.1 TIMBER EDGE

MATERIAL: Timber edging shall consist of:
Edging: 100 x 50mm Copper Azole Treated Pine
Pegs: 50 x 50 x 400mm hardwood.
Fastenings: to be 75x3.75mm diam. galvanised nails

INSTALLATION: Setout alignment of timber edges on site for approval of Superintendent. Excavate to approved alignment and place edge band within trench to confirm peg locations. Install pegs and affix timber edge in accordance with details. All timber edging to finish flush with adjoining turf.

2.0 SOFT LANDSCAPE WORKS

2.1 SOFT LANDSCAPE MATERIALS

2.1.1 MATERIAL GENERALLY

All materials shall be new and the best of their respective kinds. Samples of all new materials shall be submitted to the Superintendent for approval. Any material delivered to site, that is rejected by the Superintendent, shall be removed by the contractor at his own expense. Materials used on the site shall remain true to the approved sample.

2.1.2 TOPSOIL

Imported Topsoil

Imported topsoil shall mean topsoil being a loam, sandy in nature, friable and completely suitable for the purposes and intentions described and implied in this Specification. It shall comprise not less than 85% of coarse and fine sands. Imported topsoil shall not be cultivated while in a sodden condition. It shall be free from grass or weed growth, seeds or roots of any kind, clods of clay or other extraneous matter. It shall have a pH value within the range of 6.5 to 7.5.

Site Topsoil

Site topsoil shall mean the friable organic soil layer removed from earthworks areas and stockpiled for reuse. Vegetation including weeds and grass shall be removed or sprayed.

2.1.3 PLANTING MIX

Planting Areas

Planting mix shall be composted material consisting of: 50% Coarse Sand, 20% Black Soil and 30% Composted Organic Material, as available from Australian Native Landscapes, Phone: [02] 9450 1444, or approved equivalent.

2.1.4 FERTILISER

Fertiliser shall mean K-Mag slow release fertilizer with trace elements, or Osmocote slow release fertilizer, or Agriform pellets, when applied to trees and shrubs, or alternatives as approved by the Superintendent. All fertiliser shall be applied in accordance with the manufacturer's recommendations to all tree and shrub plantings.

2.1.5 MULCH

Mulch shall mean **Native Leaf Chip mulch**, free from material derived from privet, Willow, Poplar, Coral Trees or other noxious weeds as available from Australian Native Landscapes Pty Ltd, Myoora Rd, Terrey Hills, or approved equivalent.

2.1.6 PLANT MATERIAL

All plant material shall be true to the species. No substitutions will be permitted. All plants shall be free of fungus and insect damage. All plants shall be healthy, well shaped, not soft or force grown and not root bound. Gather plant material in metropolitan nursery for approval prior to transport.

2.1.7 STAKES AND TIES

Stakes

Shall be made from durable hardwood species, straight, free from knots and twists, whole firm timber, pointed at one end and to the sizes indicated on the staking details.

Ties

This shall mean 50mm wide continuous nylon ties fixed to stakes with galvanised staples.

2.1.8 SOIL STABILISATION AND MULCHING MAT

To be MaxJute Thick matting (nominal 750-800gsm thickness) with steel fastening pins (3 / m2) - 200mm length with pre-slit planting holes at 6 per m2 density as available from Treemax (ph: Brett Smith, Mob. 0409 544 697, Ph. 02 9629 4322) or approved equivalent. Install mat to embankment as per manufacturer's specification.

2.2 SOFT LANDSCAPE PREPARATION

2.2.1 GENERAL

The Contractor shall familiarise himself with each section of the works and shall coordinate and programme pre-construction issue of supply orders, hiring and purchasing of equipment and materials and assignment of labour to the various construction tasks. The Contractor shall be responsible for protecting all areas not to be directly affected during construction through appropriate Protective Fencing prior to the commencement of construction works. Any areas damaged during construction are to be repaired and made good by the Contractor at his own expense. The contractor shall make arrangements for site access for all trades as applicable and co-ordinate their works within the approved construction programme. The Contractor shall note that the provision of water supply for planting works is the Contractor's responsibility.

2.2.2 WEED ERADICATION

Eradicate weeds, including existing grasses to approved areas, by environmentally acceptable methods using a non-residual glyphosate herbicide in any of its registered formulae, at the recommended maximum rate. Regularly remove, by hand, rubbish and weed growth that may occur or recur throughout grassed, planted and mulched areas during the course of the works. To existing garden beds to be retained hand remove all weed cover prior to commencement of planting works.

2.2.3 SETTING OUT

All setting out shall be the responsibility of the Contractor including the location of the finished works. If any discrepancy is found, or doubt exists with the setout of works the Superintendent shall be notified. Setting out shall be approved on-site before proceeding further with landscape works. 500 x 25 x 25mm hardwood stakes shall be used to identify planting zones. These works shall be approved by the Superintendent prior to construction. Planting positions shall be setout for typical planting areas for approval by Superintendent.

2.2.4 EXISTING SERVICES

The Contractor shall be responsible for verifying underground pipe and cable locations prior to commencing excavations (phone 1100 for 'Dial before you Dig') and is to exercise the greatest care during the progress of the works to avoid damage to any utility such as gas, water, sewerage, electricity or telephone services, within the limits of the works or to adjoining properties where access is required. Where works are to be carried out in proximity to services the Contractor shall notify relevant authorities prior to commencing the work.

2.2.5 EXCAVATION & PREPARATION

25 L tree planting

Excavate planting hole twice width and 1.5 times the depth of the root ball, and break up sides and base of planting hole.

Planting

Cultivate subgrade to 150mm following spreading of gypsum (at 601g/m2) site topsoil and imported planting mix as per details. Cultivate to a fine tilth, and remove any clods or material that will not breakdown.

2.3 PLANTING WORKS

2.3.1 PLANTING GENERALLY

Do not vary the plant locations from those shown on the Drawings unless otherwise directed. If it appears necessary to vary the locations and spacings to avoid service lines, or to cover the area uniformly, or for similar reasons, apply for directions. Set out all plants with any bed area to ensure even spacing. Do not plant in unsuitable weather conditions such as extreme heat, cold, or wind. Suspend excavation in other than sandy soils when the soil is wet, or during frost periods.

Thoroughly water the plants before planting begins, immediately after planting, and thereafter as required to maintain growth rates free of stress.

All species to be planted into an individually prepared hole. Each hole shall be dug with a shovel, pick, crowbar, backhoe or similar tool and under no circumstances shall a post hold borer or similar type be acceptable. Allow to break up/roughen sides and base of holes to the approval of the Superintendent to facilitate root penetration.

Remove the plant from the container with minimum disturbance to the root ball, and place it in its final position, in the centre of the hole and plumb. When the plant is in its final position in its hole or bed the top soil level of the plant root ball shall be level with the finished surface of the soil surrounding the hole or bed. Test the depth by measuring the sides of containers. Use Planting Soil Mix to make up the difference in volume between the excavated tree hole and the tree root balls.

Backfill with Planting Mix. Lightly tamp down the mixture and water to eliminate air pockets. Construct a weed free saucer shaped depression 600mm in diameter and 25 mm deep around each individual plant.

For trees in turf areas form a weed-free saucer-shaped depression 1000 mm in diameter and 25 mm deep around all individual trees in grass. Install mulch to planting areas to 75 mm depth.Ensure that the plant stem is not damaged and that it emerges vertically through the mulch.

2.3.2 NATIVE GRASSES

Native Grasses as listed on the drawings shall be sourced from a recognised supplier and shall be:

- grown in a pyramid shaped cell (eg. Viro Tube or approved equivalent)
- each Viro Tube to be treated with 45 plus hardening off agent and growth regulator during the hardening off period
- each Viro Tube to be hardened off prior to delivery, in conditions similar to those in which they will be planted - ie, full sun
- each Viro Tube to be treated prior to planting with transplant enhancing agent and to be pre- fertilised prior to dispatch.

Native grasses must be planted within 10 days of delivery to site.

Setout the extent of native grassing works on site for approval of Superintendent. Native grassing to follow on from all other planting works to avoid disturbance by machinery etc. Carry out preparation and mulching of native grassed areas prepared in accordance with 2.6. Provide 75mm depth mulch as specified. Carry out planting ensuring that Virotubes are fully bedded in soil and ensuring tubes fully penetrate mulch layer

Following initial soaking provide watering of Native Grasses at least twice a week until commencement of plant establishment period to ensure establishment

2.3.3 STAKING

Use Durable hardwood, straight, free from knots or twists, pointed at one end. Drive stakes into the ground a minimum one third of their length, avoiding damage to the root system.

Ties

Provide a 50mm wide Nylon webbing tie per stake, fixed securely to the stakes, one tie at half the height of the main stem and the other as necessary to stabilise the plant.

2.3 PLANTING WORKS (continued)

2.3.4 TURFING

To areas located on drawings lay either turf or turf oversown with grass seed mixture. Obtain turf from a specialist grower or cultivated turf. Use turf of even thickness, free from weeds and other foreign matter.

Deliver the turf from the supplier within 24 hours of cutting, and lay it within 36 hours of cutting. Prevent it from drying out between cutting and laying. If it is not laid within 36 hours roll it out on a flat surface with the grass up, and water as necessary to maintain a good condition.

Fertilising

Mix the fertiliser thoroughly into the topsoil before placing the turf.

Laying

Lay the turf in "stretcher" pattern with the joints staggered and close butted; parallel with the long sides of level areas, and with contours on slopes; and to finish flush, after tamping, with adjacent finished surfaces of ground, paving edging or grass seeded areas. Lightly tamp to an even surface immediately after laying. Do not use a roller. Water immediately after laying turf. Moisten the topsoil to its full depth. Continue watering as necessary to maintain moisture to this depth. Keep the grass in a healthy condition. Apply lawn fertiliser at the completion of the first and last mowings, and at other times as required to maintain healthy grass cover.

Lift failed turf and relay with new turf, oversowing as necessary.

2.3.5 FERTILISING

Deliver fertiliser to the site in sealed bags, branded with the type and manufacturer's name.

Native Grassing (virotubes)

use 8-9 month release NPK ratio 16:4.8:8.3. Nutricote or equal for all ground covers and shrubs in mass planting beds. Use manufacturers recommended application rates. Advise the Superintendent of proposed rates of application. Mix the fertiliser into the planting soil underneath and around the root ball at the time of planting.

Individual Tree Planting

To all individual advanced and semi-advanced tree planting in mass planting beds and turf areas use NPK ratio 6.3:1.9:2.9 "Kokei" pellets of equal at the rate recommended by the manufacturer. Place fertiliser pellets 150 mm below the root ball at the time of planting.

Turfing

Use Shirley's No 17 NPK ratio 9.1:4.1:4.6. Complete Lawn Food or equal at the rate recommended by the manufacturer. Apply and cultivate the fertiliser into the topsoil prior to laying the instant turf.

2.3.6 CLEAN UP

Remove from site all plant containers, rubbish, surplus mulch, debris, spoil and other surplus material.

3.0 IRRIGATION

The contractor is to design and install an establishment irrigation system (warranty for 1 year - design lifespan - 5 years) for landscaped areas as indicated on the plans. Scope shall include:

- design and provision of shop drawings for review
- provision of connection to cold water system and provision of back flow prevention and other requirements to meet Sydney Water requirements
- supply installation and maintenance of system during defects liability period

The following key requirements apply for design and installation of irrigation

- design of reticulation to maintain constant pressure (eg downsizing reticulation over long runs)
- spacing of trickle irrigation to nominally be 500mm - adjust on slopes to achieve even moisture across the slope
- consider length of runs and potential impact on pressure / water distribution and duration of watering
- consider aspect / orientation and its impact on moisture retention - use isolation valves where required to enable certain sections of irrigation zones to be isolated
- consider slopes and their impact on moisture retention, draining etc

Irrigation design must be established by a qualified irrigation specialist and designed to address site specific conditons noted above including slope and orientation

Post installation monitoring



It is critical that the irrigation system is regularly monitored and fine tuned as necessary as planting develops and across the variations of the seasons. This should include:

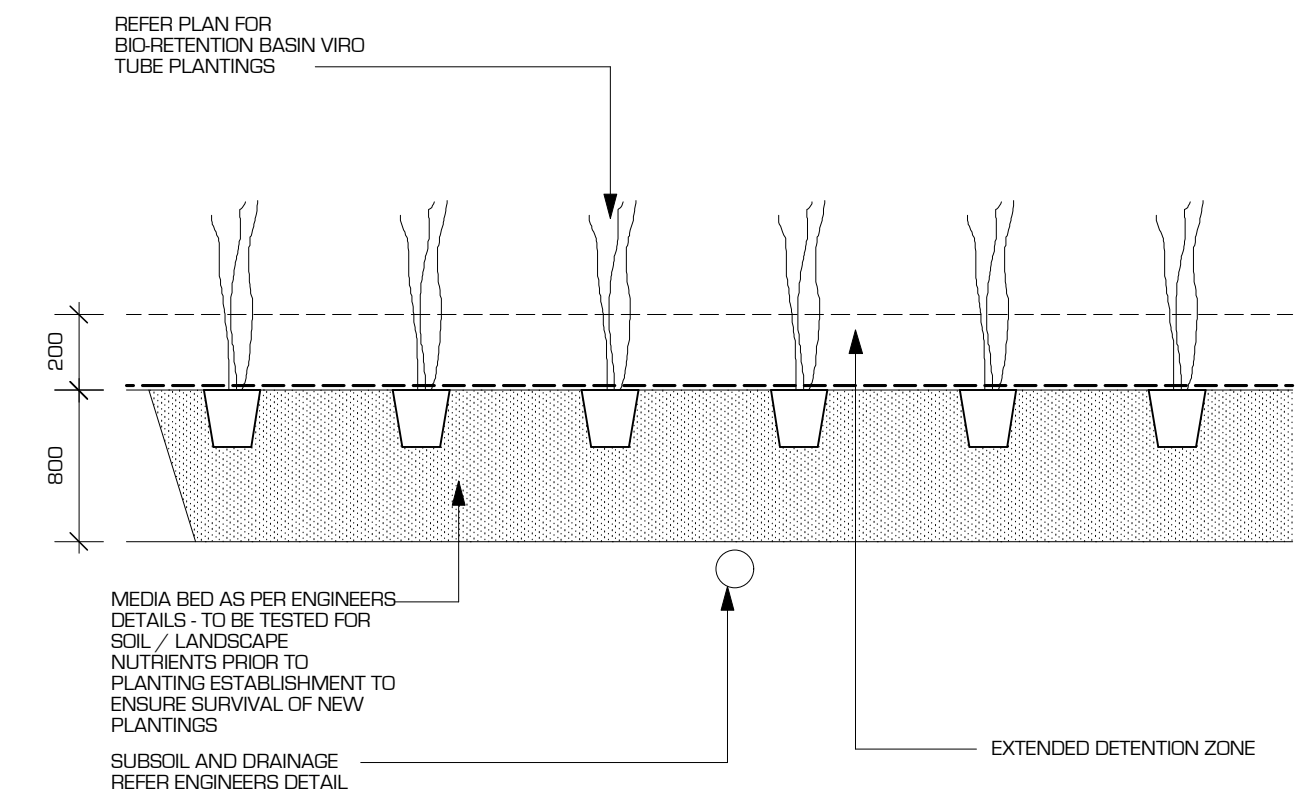
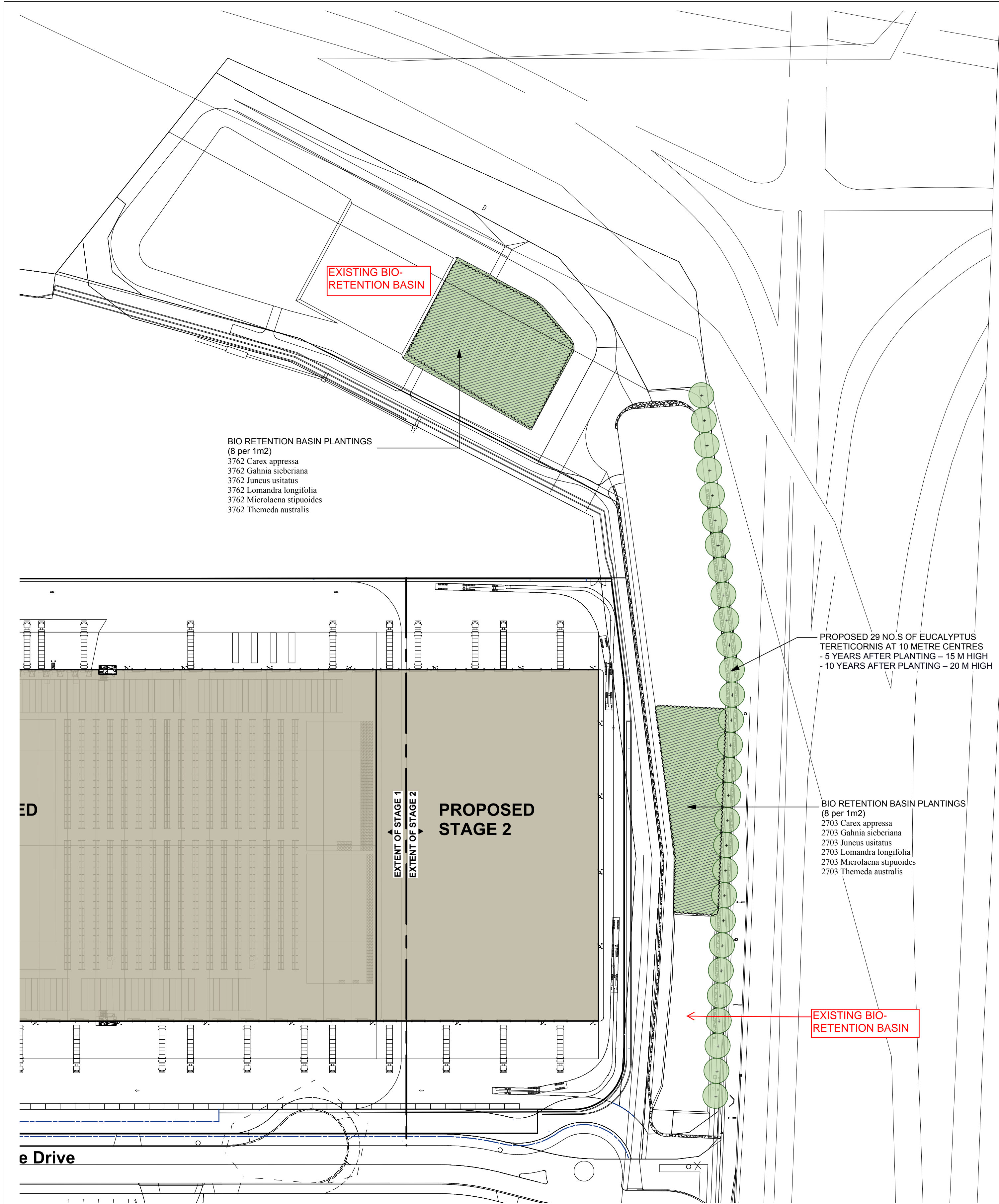
- regular checking of system for leaks or other operational issues;
- monitoring of soil moisture across irrigated areas
- fine tuning of timing and irrigation duration
- monitoring of soil moisture after adjustments
- monitor after extreme events

4.0 MAINTENANCE

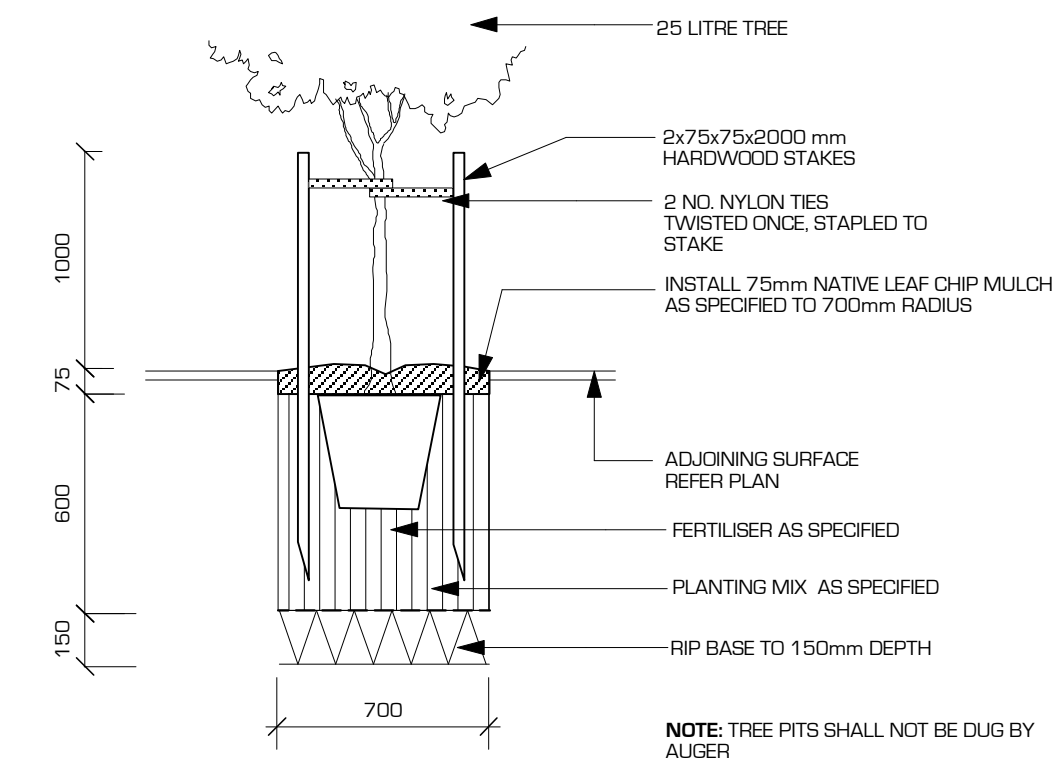
Maintenance shall apply to all hard and soft landscape materials installed during the works and shall consist of the following works for a 26 week period after practical completion:

- Follow a daily watering programme to be approved by Landscape Architect using site cold water points where available or water cart as applicable to individual sites Water all plants individually, twice per week or when necessary to ensure constant plant growth. Water all turf and native grassed areas, twice per week.
- Apply appropriate weed control sprays and hand weed as required to maintain garden bed areas, planting bed areas, turfed areas, gravel paved areas, and tree pits free of weed or rogue grass and weed growth.
- Regularly tidy and top up mulch and trim edges to prevent spillover onto paved / grassed areas.
- Spray to control pests and diseases.
- Replace plants which fail or are vandalised with plants of a similar size and quality as originally specified.
- Adjust stakes and ties to plants as necessary. Ensure that strangulation of plants does not occur.
- Prune and shape plants as directed or where necessary.
- Make good any defects or faults arising out of defective workmanship or materials.
- Fertilise lawn areas to maintain healthy growth.
- Make good any erosion or soil subsidence which may occur including soft areas in pathways.
- Mow lawn to maintain neat healthy growth.
- A final inspection shall be made by the Landscape Architect before handover. Any items requiring rectification shall be repaired before the works are finally approved, and retention moneys released.

C B A	BIO-RETENTION BASIN PLANTINGS FOR APPROVAL FOR REVIEW	BL BL BL	mar 13 JAN 13 DEC 12	DESIGNED:	DATE:	APPROVED:	GENERAL NOTES 1. Do not scale of drawings. Follow written dimensions. If in doubt obtain written advice from the Superintendent. 2. Verify all dimensions on site. 3. Refer to legend for all symbol and code keys. 4. Read in conjunction with the specifications 5. Read in conjunction with all Civil, and Electrical Engineer drawings and specifications. 6. Read in conjunction with all associated drawings	PREPARED FOR: GOODMAN L17, 60 Castlereagh Street, Sydney NSW 2000 1 02 9230 7400 f		PREPARED BY:  Environmental Partnership Level 3 suite 3.01 22-36 Mountain street Ultimo 2007 Ph: (02) 9555 1033 Fax: (02) 98185292 Email: admin@epnsw.com.au ABN 53 088 175 437	PROJECT: PROPOSED BUNNINGS FACILITY INTERCHANGE PARK Eastern Creek	DRAWING TITLE LANDSCAPE SPECIFICATION	DATE MARCH 2013	
				DRAWN:	DATE:	APPROVED:							SCALE full size @ A1	ISSUE C
				CHECKED:	DATE:	APPROVED:							DRAWING NO. 3214.LA.07	
	ISSUE	AMENDMENT	DRAWN	DATE	AH	DEC 12								



01 Bio-Retention Basin Planting Detail
scale 1:20



02 25L Tree Planting
scale 1:25

Plant Schedule (Bio-Retention Basin Plantings)							
ID	Qty	Common Name	Botanical Name	Size	Mature Height	Mature Spread	Spacing
Trees							
ET	29	Forest Red Gum	Eucalyptus tereticornis	25Litre	over 30m	6 - 10m	10m
Native Grasses & Ground Covers							
CX	6465	Tall Sedge	Carex appressa	viro tube	0.9 - 1.5m	0.3 - 0.6m	8/m2
GS	6465	Red-fruit Saw Sedge	Gahnia sieberiana	viro tube	0.9 - 1.5m	1.2 - 2.0m	8/m2
JU	6465	Common Rush	Juncus usitatus	viro tube	0.9 - 1.5m	0.6 - 0.9m	8/m2
LL	6465	Spiny-headed Mat-Rush	Lomandra longifolia	viro tube	0.75 - 0.9m	0.9 - 1.2m	8/m2
MS	6465	Microleana stipoides	Rice Grass	viro tube	0.75 - 0.9m	0.9 - 1.2m	8/m2
TH	6465	Kangaroo Grass	Themeda australis	viro tube	0.9 - 1.5m	0.3 - 0.6m	8/m2

C B A	BIO-RETENTION BASIN PLANTINGS FOR APPROVAL FOR REVIEW	BL BL BL	mar 13 JAN 13 DEC 12	DESIGNED: EP	DATE: DEC 12	APPROVED:	<div>GENERAL NOTES</div> <div>1. Do not scale of drawings. Follow written dimensions. If in doubt obtain written advice from the Superintendent.</div> <div>2. Verify all dimensions on site.</div> <div>3. Refer to legend for all symbol and code keys.</div> <div>4. Read in conjunction with the specifications</div> <div>5. Read in conjunction with all Civil, and Electrical Engineer drawings and specifications.</div> <div>6. Read in conjunction with all associated drawings</div>	PREPARED FOR: <div>GOODMAN</div> <div>L17, 60 Castlereagh Street, Sydney NSW 2000</div> <div>1 02 9230 7400 f</div> <div>Goodman</div>	PREPARED BY: <div>Environmental Partnership</div> <div>Level 3 suite 3 01 22-36 Mountain street Ultimo 2007</div> <div>Ph: (02) 9555 1033 Fax: (02) 98185292</div> <div>Email: admin@epnsw.com.au</div> <div>ABN 53 088 175 437</div>	PROJECT: <div>PROPOSED BUNNINGS FACILITY INTERCHANGE PARK Eastern Creek</div>	DRAWING TITLE <div>BIO-RETENTION BASIN PLANTING PLAN</div>	DATE <div>MARCH 2013</div>	
				DRAWN: BL	DATE: DEC 12	APPROVED:						SCALE 1:1000 @ A1	ISSUE <div>C</div>
				CHECKED: AH	DATE: DEC 12	APPROVED:						DRAWING NO. <div>3214.LA.08</div>	
	ISSUE	AMENDMENT	DRAWN	DATE								<div>N</div>	