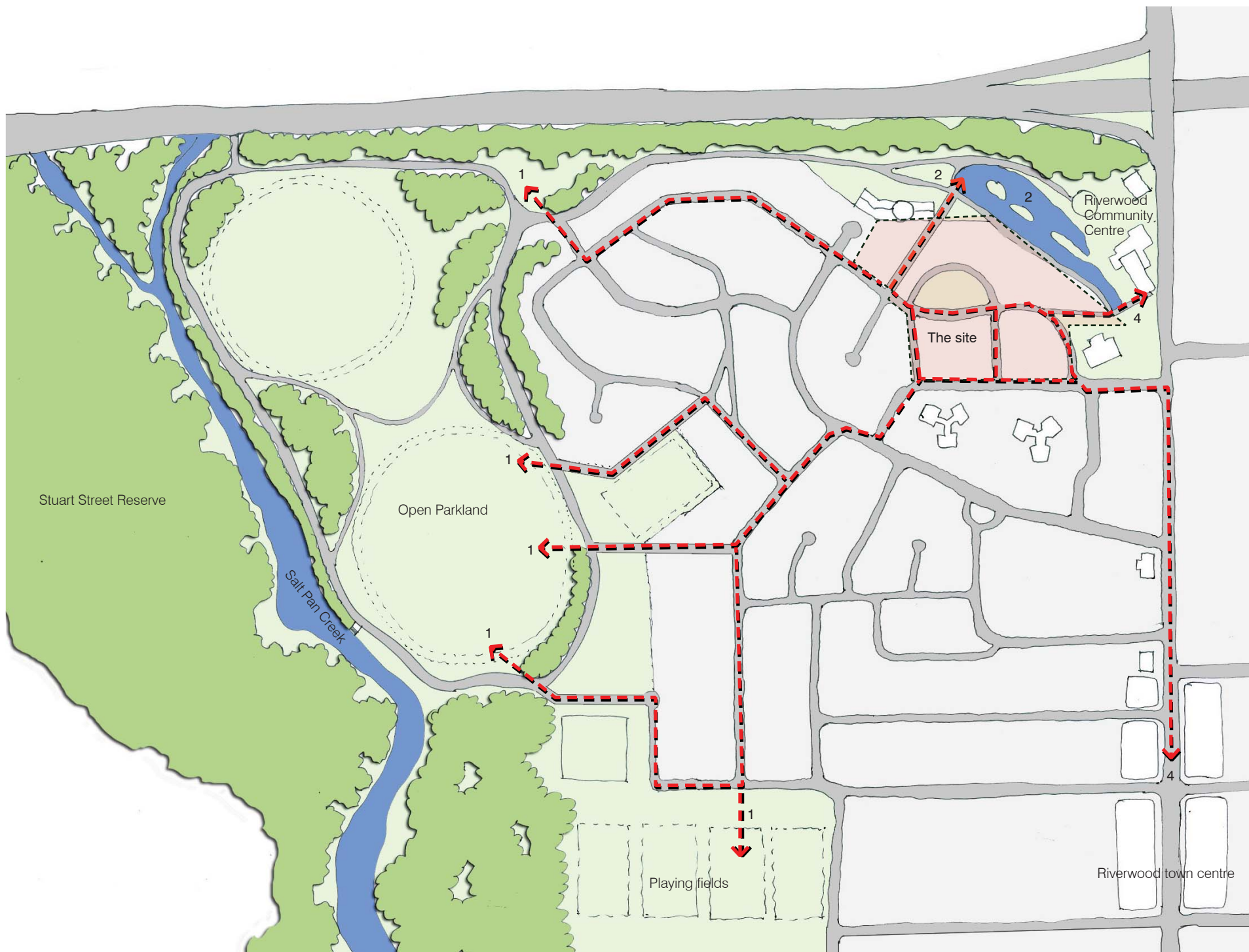




Riverwood North Residential Renewal Project

LANDSCAPE PROPOSAL

STATUS: Concept Report - Revised Issue 03 Feb 2011



LEGEND

- ← - - - Site connections to local recreational amenity
- 1. Potential pathway connections to Open Parkland and Stuart St Reserve
- 2. Connections to Salt Pan Creek Wetland.
- 3. Connections to Riverwood Community Centre via pedestrian bridge.
- 4. Connection to Riverwood town centre

Context and site appraisal

The site is located within an established suburban area of Riverwood between Salt Pan Creek and Riverwood's main street Belmore Rd.

Immediately adjacent the site's northern boundary lies Salt Pan Ck Wetlands and Riverwood Community Centre offering both aesthetic qualities of large ponds and parklands, and community facilities. Just beyond the site's north western boundary also lies a vibrant community garden with grid plots of vegetables.

Existing vegetation throughout the area is a typical ad hoc mix of native and exotic trees and shrubs. However, The local area enjoys a strong leafy green aesthetic through substantial tree planting. The vegetation generates rich spatial mixes and high aesthetic values, while masking building mass.

The NPWS Cumberland Plain vegetation maps identifies the site's natural heritage as being Turpentine / Ironbark forest and Shale / Sandstone Transition Forest.

Opportunities exist to connect to future parkland facilities and open spaces within the neighbourhood providing generous recreational opportunities.



Client



Architect



Landscape Architect



Project

Riverwood North
Residential Renewal Project

Drawing Title

CONTEXT

Project No.

0923

Dwg No.

LA2

Scale

Date

03.02.11

Dwg Status

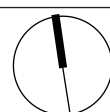
Landscape Concept

Revision

C



- 1. CENTRAL PARK**
Create a high quality central park within the development as a passive space for community gathering.
- 2. GREEN STREETS**
Increase street tree planting increasing environmental quality.
- 3. GARDEN SQUARE**
Create a garden square character with high quality paving, gardens, seating, and trees in a formal arrangement responding to architectural geometries.
- 4. LIBRARY PLAZA**
Create a space that connects with library uses.
- 5. THROUGH SITE CONNECTIONS**
Create through site connections to encourage adjacent parkland use.
- 6. BRIDGE LINK**
Connect to existing Bridge from Garden Square.
- 7. COMMUNITY GARDENS**
Retain existing community gardens adjacent site.
- 8. WETLAND EDGE**
Provide additional tree planting along parkland edge to accentuate high visual quality of pond views beneath tree canopies, and enhance recreational opportunities.
- 9. COMMUNAL COURTYARDS**
Provide high quality communal courtyards with rich planting and landscape treatments. Where possible encourage long views across public open space and wetlands.



Client



Architect



Landscape Architect



Project

Riverwood North
Residential Renewal Project

Drawing Title

KEY SPATIAL TYPES

Project No.

0923

Dwg No.

LA3

Revision

E

Scale

Date

03.02.11

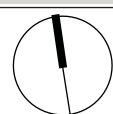
Dwg Status

Landscape Concept



- 1. CENTRAL PARK**
 - Activate the central park through provision of greater gathering opportunities, such as; seating, shade structure, irrigated lawns, mass planted garden beds, etc.
- 2. GREEN STREETS**
 - Incorporate current Green Street principles throughout existing streets via supplementary street tree and front garden planting to:
 - a) reduce the urban heat island effect,
 - b) increase carbon sequestration,
 - c) extend the rich and diverse vegetation of the area, and
 - d) create shaded corridors for vehicles and pedestrians.
- 3. GARDEN SQUARE**
 - Embrace informal road alignment within a formalised 'Garden Square' with geometries relating to new building arrangements strengthening open space relationships.
 - Convert Kentucky Rd into a paved raised threshold to reduce speed limits and blend with the formal square aesthetic.
 - Provide seating, tree planting, gardens and irrigated lawns.
- 4. LIBRARY PLAZA**
 - Potential in future stages of development for a series of quiet external reading spaces and small gravel plaza to connect with library uses.
- 5. THROUGH SITE CONNECTIONS**
 - Provide open space connections maximising neighbourhood permeability and community facility usage. Induce usage of larger areas through the provision of shaded seating and picnicking opportunities.
- 6. BRIDGE LINK**
 - Formalise bridge access to adjacent community centre by creating a small formal square connecting to the garden square. Provide formal paths, pavements, raised gardens, seating and lawn area.
- 7. COMMUNITY GARDEN BREAKOUT SPACE**
 - Upgrade community garden entry with new tree planting, seating. Provides social gathering space and shade relief while tending lots.
- 8. WETLAND EDGE**
 - Provide additional tree planting along parkland edge to accentuate high visual quality of wetland views beneath tree canopies, and enhance recreational opportunities.
- 9. COMMUNAL COURTYARDS**
 - Develop high quality private residential courtyards with a focus on views to public open space and wetlands.

1:1000 @ A3



Client



Architect

TURNER+ASSOCIATES

Landscape Architect



Project

Riverwood North
Residential Renewal Project

Drawing Title

Garden Square
Detail Plan

Project No.
0923

Dwg No.
LA5

Scale
1-400@A3

Date
03.02.11

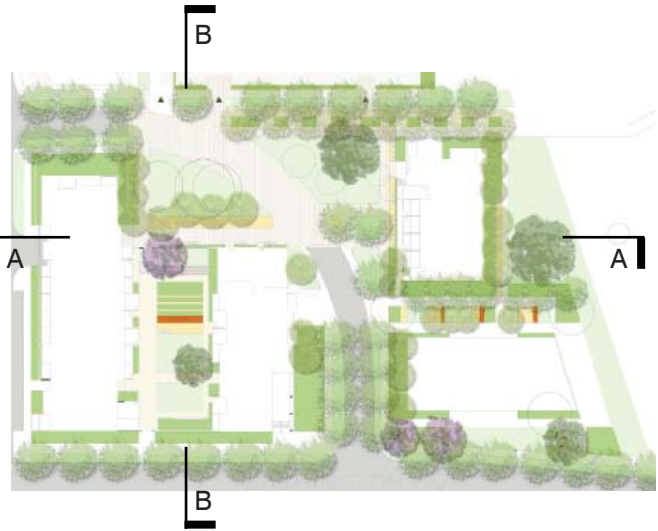
Dwg Status
Landscape Concept

Revision




E

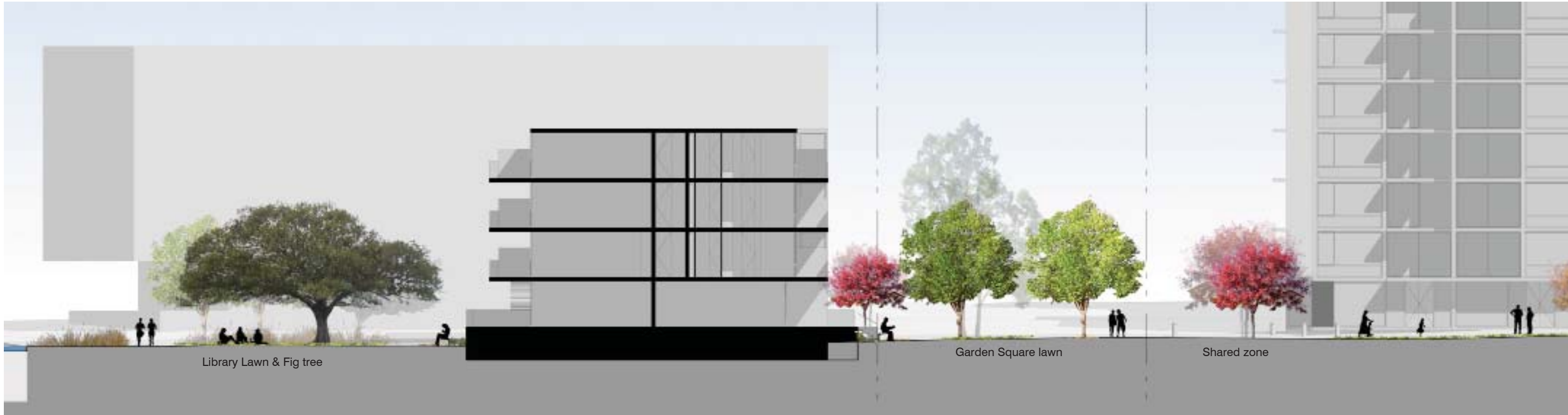


Section A



Section B

Client		Architect		Landscape Architect		Project	Riverwood North Residential Renewal Project	Drawing Title	Section A & B	Project No.	0923	Dwg No.	LA6	Revision	B
										Scale	1-500@A3	Date	03.02.11		
										Dwg Status	Landscape Concept				






Section A - Library Lawn & Garden Square



Section A - Green street & communal courtyard






Client		Architect		Landscape Architect		Project	Riverwood North Residential Renewal Project	Drawing Title	Section A Detail	Project No.	0923	Dwg No.	LA7	Revision	A
										Scale	1-500@A3	Date	05.03.10		
										Dwg Status	Landscape Concept				



Section B - Garden Square 1-125 @ A3



Section B - Communal Courtyard 1-250 @ A3

Client	Architect	Landscape Architect	Project	Drawing Title	Project No.	Dwg No.	Revision
			Riverwood North Residential Renewal Project	Section B Detail	0923	LA8	B
					Scale: AS SHOWN	Date: 02.11.10	
					Dwg Status: Landscape Concept		

Public spaces planting



Parks and public spaces planting concept

The NPWS Cumberland Plain vegetation maps identifies the site’s natural heritage as being Turpentine / Ironbark forest and Shale / Sandstone Transition Forest. It is proposed to include both indigenous and exotic deciduous trees within the site with 50% of species being indigenous. This will ensure both a net increase in biodiversity of the area and enhancement of public amenity.

Developments to the main central park will induce usage. For this reasons a range of broad leafed deciduous trees are recommended to provide summer shade and winter sun. The proposed species will augment the existing tall Eucalypts which are proposed for retention.

It is proposed that new tree species along the Salt Pan Creek Wetland frontage be consistent with the riparian character of similar ecosystems. In this way the Wetland will visually blend and connect with the site enhancing the setting of the wetlands and community parkland.

Smaller open spaces between buildings will be planted with more shade tolerant species. The lush green foliage setting will offer an alternative spatial quality to the more open areas and strengthen the more intimate nature of the spaces.



Private spaces planting




Private residential planting concept

Private residential spaces will be embellished with a range of plant species, both exotic and indigenous.

Vegetation will be structured to develop spatial interest, privacy and intimacy, retention of visual corridor linkages, and to mediate environmental factors such as intense afternoon summer sun.

Species selection will be based on the aim of developing a landscape character where plants appear to have a long founded association. Consideration will be given to complimenting foliage texture and colour.

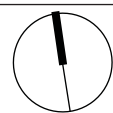
Planting will also be visually vibrant and enticing to the eye providing residents with an attractive landscape in which to reside in and interact with.

Client		Architect		Landscape Architect		Project	Riverwood North Residential Renewal Project	Drawing Title	PLANTING	Project No.	0923	Dwg No.	LA9	Revision	B
										Scale		Date	18.02.10		
										Dwg Status	Landscape Concept				



LEGEND

- Existing buildings
 - Proposed building footprint
 - Existing trees - retention favoured
 - Existing trees - removal recommended
 - Existing trees - potential to relocate
- (refer schedule - dwgs EV2-EV3 for more detailed information)



Project
Riverwood North
Residential Renewal Project

Drawing Title
EXISTING TREE
ASSESSMENT

Project No. 0923	Dwg No. EV1	Revision C
Scale 1:1500 @ A3	Date 02.11.10	
Dwg Status Landscape Concept		

RIVERWOOD NORTH - EXISTING TREE SCHEDULE

Ref #	Species	Common Name	Comment
1	Eucalyptus sideroxylon	Red Ironbark	Large mature. Retention favoured.
2	Corymbia citriodora	Lemon-scented gum	Large mature. Good form. Retention favoured.
3	Corymbia citriodora	Lemon-scented gum	Large mature. Retention favoured.
4	Corymbia citriodora	Lemon-scented gum	Large mature. Retention favoured.
5	Corymbia citriodora	Lemon-scented gum	Large mature. Retention favoured.
6	Corymbia citriodora	Lemon-scented gum	Large mature. Retention favoured.
7	Corymbia citriodora	Lemon-scented gum	Large mature. Retention favoured.
8	Eucalyptus botryoides	Bangalay	Large mature. Street tree heavily pruned around wires. Continual management required.
9	Corymbia citriodora	Lemon-scented gum	Large mature. Retention favoured.
10	Corymbia citriodora	Lemon-scented gum	Large mature. Retention favoured.
11	Eucalyptus saligna	Sydney Blue Gum	Large mature. Retention favoured.
12	Acer negundo	Box Elder	Good specimen. Retention favoured.
13	Acer negundo	Box Elder	Good specimen. Retention favoured.
14	Eucalyptus tereticornis	Forest Red Gum	Borer damage in competing leader. Aboricultural work required. Retention favoured.
15	Eucalyptus scoparia	Wallangarra White Gum	Large mature. Retention favoured.
16	Casuarina glauca	Swamp Oak	Large mature. Retention favoured.
17	Callistemon viminalis	Weeping Bottlebrush	Group of 3 specimens. Removal necessitated by current proposed building location.
18	Casuarina glauca	Swamp Oak	Large mature. Removal necessitated by current proposed building location.
19	Syagrus romanzoffiana	Cocos Palm	Close to proposed building façade. Removal required.
20	Liquidambar styraciflua	American Sweetgum	Large mature. Good form. Removal necessitated by current proposed building location.
21	Liquidambar styraciflua	American Sweetgum	Exemplary form. Removal necessitated by current proposed building location.
22	Liquidambar styraciflua	American Sweetgum	Removal necessitated by current proposed building location.
23	Sapium sebiferum	Chinese tallow tree	Retention favoured.
24	Sapium sebiferum	Chinese tallow tree	Retention favoured.
25	Callistemon salignus	Willow Bottlebrush	Retention favoured.
26	Acer negundo	Box Elder	Retention favoured.
27	Liquidambar styraciflua	American Sweetgum	Retention favoured.
28	Hymenosporum flavum	Native Frangipani	Retention favoured.
29	Acer negundo	Box Elder	Retention favoured.
30	Sapium sebiferum	Chinese tallow tree	Removal necessitated by current proposed building location.
31	Callistemon viminalis	Weeping Bottlebrush	Removal necessitated by current proposed building location.
32	Callistemon viminalis	Weeping Bottlebrush	Removal necessitated by current proposed building location.
33	Hymenosporum flavum	Native Frangipani	Mature specimen. Some top dieback. Removal necessitated by current proposed building location.
34	Sapium sebiferum	Chinese tallow tree	Removal necessitated by current proposed building location (Lower Ground). Potential to relocate.
35	Sapium sebiferum	Chinese tallow tree	Removal necessitated by current proposed building location (Lower Ground). Potential to relocate.
36	Platanus x hybrida	London plane tree	Removal necessitated by current proposed building location.
37	Eucalyptus saligna	Sydney Blue Gum	Severe borer damage to trunk. Disfigured form. Removal recommended.
38	Callistemon viminalis	Weeping Bottlebrush	Removal necessitated by current proposed building location.
39	Liquidambar styraciflua	American Sweetgum	Mature specimen. Tree canopy within proposed building boundary. Remove.
40	Corymbia citriodora	Lemon-scented gum	Open divergent crown - possible limb drop. Aboricultural work required. Removal necessitated by current proposed building location.
41	Eriobotrya japonica	Loquat	Removal necessitated by current proposed building location.
42	Hymenosporum flavum	Native Frangipani	Poor form. Minor dieback to upper crown. Removal necessitated by current proposed building location.
43	Liquidambar styraciflua	American Sweetgum	Mature specimen. Removal necessitated by current proposed building location.
44	Liquidambar styraciflua	American Sweetgum	Mature specimen. Removal necessitated by current proposed building location.

Ref #	Species	Common Name	Comment
45	Liquidambar styraciflua	American Sweetgum	Mature specimen. Removal necessitated by current proposed building location.
46	Liquidambar styraciflua	American Sweetgum	Mature specimen. Removal necessitated by current proposed building location.
47	Ligustrum lucidum	Large-leaf Privet	Weed species. Tree canopy within proposed building boundary. Remove.
48	Callistemon viminalis	Weeping Bottlebrush	Removal necessitated by current proposed building location.
49	Sapium sebiferum	Chinese tallow tree	Removal necessitated by current proposed building location.
50	Sapium sebiferum	Chinese tallow tree	Removal necessitated by current proposed building location.
51	Platanus x hybrida	London plane tree	Removal necessitated by current proposed building location.
52	Eucalyptus scoparia	Wallangarra White Gum	Poor health. Aboricultural work recommended to retain.
53	Eucalyptus scoparia	Wallangarra White Gum	Poor health. Aboricultural work recommended to retain.
54	Eucalyptus tereticornis	Forest Red Gum	Substantial dieback of heartwood though good callus growth. Aboricultural work recommended.
55	Eucalyptus nicholii	Narrow-Leaved Black Peppermint	Semi mature, dieback of minor branches, poor form, removal recommended.
56	Eucalyptus nicholii	Narrow-Leaved Black Peppermint	Semi mature, dieback of minor branches, poor form, removal recommended.
57	Eucalyptus saligna	Sydney Blue Gum	Mature. Limb pruning already undertaken. Possible safety concern with upper limb branch bark ridge breach. Aboricultural work required. Retention favoured.
58	Eucalyptus saligna	Sydney Blue Gum	Possible limb drop through power attack. Aboricultural work required. Retention favoured.
59	Eucalyptus saligna	Sydney Blue Gum	Possible safety concern. Branch bark ridge breach. Aboricultural work required. Retention favoured.
60	Eucalyptus botryoides	Bangalay	Malformed. Remove.
61	Eucalyptus botryoides	Bangalay	Malformed. Remove.
62	Jacaranda mimosifolia	Jacaranda	Covered in wisteria. Aboricultural work required. Retention favoured.
63	Eucalyptus tereticornis	Forest Red Gum	Remnant. Borer damage on upper trunk. Retention favoured.
64	Eucalyptus crebra	Narrow-leaved ironbark	Remnant. Borer damage on upper trunk. Retention favoured.
65	Platanus x hybrida	London plane tree	Large shade tree for community garden breakout space. Close proximity to proposed building. Retain if possible.
66	Liquidambar styraciflua	American Sweetgum	Large shade tree for community garden breakout space. Close proximity to proposed building. Retain if possible.
67	Eucalyptus nicholii	Narrow-Leaved Black Peppermint	Poor form. Removal recommended.
68	Eucalyptus nicholii	Narrow-Leaved Black Peppermint	Poor form. Removal recommended.
69	Sapium sebiferum	Chinese tallow tree	Young specimen. Retention favoured.
70	Sapium sebiferum	Chinese tallow tree	Poor Form. Removal necessitated by current proposed building location.
71	Sapium sebiferum	Chinese tallow tree	Poor Form. Removal necessitated by current proposed building location.
72	Liquidambar styraciflua	American Sweetgum	Mature tree. Removal necessitated by current proposed building location.
73	Corymbia citriodora	Lemon-scented gum	Large mature. Exemplary form. Removal necessitated by current proposed building location.
74	Callistemon viminalis	Weeping Bottlebrush	Retention favoured.
75	Platanus x hybrida	London plane tree	Mature tree. Good specimen. Removal necessitated by current proposed building location.
76	Morus nigra	Black Mulberry	Removal necessitated by current proposed building location (Lower Ground)
77	Sapium sebiferum	Chinese tallow tree	Removal necessitated by current proposed building location (Lower Ground)
78	Sapium sebiferum	Chinese tallow tree	Good specimen. Removal necessitated by current proposed building location. Potential to relocate.
79	Hymenosporum flavum	Native Frangipani	Good form. Mature specimen. Removal necessitated by current proposed building location.
80	Callistemon salignus	Willow Bottlebrush	Retention favoured.
81	Callistemon viminalis	Weeping Bottlebrush	Retention favoured.
82	Callistemon viminalis	Weeping Bottlebrush	Retention favoured.
83	Prunus x blireana	Double Flowering Plum	Exemplary form. Retention favoured. Potential to relocate.

Ref #	Species	Common Name	Comment
84	Prunus x blireana	Double Flowering Plum	Removal necessitated by current proposed building location. Potential to relocate.
85	Platanus x hybrida	London plane tree	Large mature. Heavily pruned around wires. Retention favoured.
86	Eucalyptus nicholii	Narrow-Leaved Black Peppermint	Removal necessitated by current proposed building location.
87	Eucalyptus nicholii	Narrow-Leaved Black Peppermint	Removal necessitated by current proposed building location.
88	Eucalyptus nicholii	Narrow-Leaved Black Peppermint	Dead. Removal recommended.
89	Eucalyptus punctata	Grey Gum	Large mature. Removal necessitated by current proposed building location.
90	Liquidambar styraciflua	American Sweetgum	Retention favoured.
91	Callistemon Citrinus	Crimson Bottlebrush	Retention favoured.
92	Callistemon Citrinus	Crimson Bottlebrush	Retention favoured.
93	Callistemon Citrinus	Crimson Bottlebrush	Retention favoured.
94	Lophostemon confertus	Brush Box	Retention favoured.
95	Liquidambar styraciflua	American Sweetgum	Large mature. Retention favoured.
96	Cupressus torulosa	Bhutan cypress	Retention favoured.
97	Liquidambar styraciflua	American Sweetgum	Retention favoured.
98	Cupressus torulosa	Bhutan cypress	Retention favoured.
99	Lophostemon confertus	Brush Box	Retention favoured.
100	Liquidambar styraciflua	American Sweetgum	Removal necessitated by current proposed building location.
101	Pinus patula	Mexican weeping pine	3 needle pine. Removal necessitated by current proposed building location.
102	Corymbia eximia	Yellow Bloodwood	Young specimen. Removal necessitated by current proposed building location.
103	Callitrus glaucophylla	Cypress Pine	Removal necessitated by current proposed building location.
104	Schinus areira	Peppercorn tree	Removal necessitated by current proposed building location (Lower Ground)
105	Pistacia chinensis	Chinese Pistachio	Removal necessitated by current proposed building location (Lower Ground)
106	Pistacia chinensis	Chinese Pistachio	Removal necessitated by current proposed building location (Lower Ground)
107	Pistacia chinensis	Chinese Pistachio	Removal necessitated by current proposed building location.
108	Corymbia maculata	Spotted Gum	Retention favoured.
109	Pistacia chinensis	Chinese Pistachio	Retention favoured.
110	Cupressus torulosa	Bhutan cypress	Removal necessitated by current proposed building location.
111	Cupressus torulosa	Bhutan cypress	Removal necessitated by current proposed building location.
112	Corymbia maculata	Spotted Gum	Good form. Retention favoured.
113	Corymbia maculata	Spotted Gum	Good form. Retention favoured.
114	Corymbia maculata	Spotted Gum	Good form. Retention favoured.
115	Cupressus torulosa	Bhutan cypress	Retention favoured.
116	Cupressus torulosa	Bhutan cypress	Retention favoured.
117	Cupressus torulosa	Bhutan cypress	Retention favoured.
118	Corymbia maculata	Spotted Gum	Retention favoured.
119	Corymbia maculata	Spotted Gum	Retention favoured.
120	Corymbia maculata	Spotted Gum	Retention favoured.
121	Corymbia maculata	Spotted Gum	Retention favoured.
122	Ficus Hillii	Hill's Weeping Fig	Large mature. Good form. Removal necessitated by current proposed building location. Potential to relocate.
123	Ficus Hillii	Hill's Weeping Fig	Large mature. Removal necessitated by current proposed building location. Potential to relocate.
124	Syagrus romanzoffiana	Cocos Palm	Retention favoured.
125	Callistemon viminalis	Weeping Bottlebrush	Retention favoured.
126	Ficus Hillii	Hill's Weeping Fig	Large mature. Removal necessitated by current proposed building location. Potential to relocate.
127	Ficus Hillii	Hill's Weeping Fig	Large mature. Removal necessitated by current proposed building location. Potential to relocate.
128	Ficus Hillii	Hill's Weeping Fig	Large mature. Removal necessitated by current proposed building location. Potential to relocate.
129	Ficus Hillii	Hill's Weeping Fig	Large mature. Removal necessitated by current proposed building location. Potential to relocate.
130	Eucalyptus botryoides	Bangalay	Large mature. Close proximity to proposed building. Retain if possible.
131	Liquidambar styraciflua	American Sweetgum	Large mature. Retention favoured.
132	Corymbia maculata	Spotted Gum	Large mature. Exemplary specimen. Retention favoured.

Ref #	Species	Common Name	Comment
133	Corymbia maculata	Spotted Gum	Large mature. Exemplary specimen. Retention favoured.
134	Acer negundo	Box Elder	Retention favoured.
135	Melaleuca linariifolia	Snow in summer	Good form. Retention favoured.
136	Callistemon viminalis	Weeping Bottlebrush	Removal necessitated by current proposed building location.
137	Callistemon viminalis	Weeping Bottlebrush	Removal necessitated by current proposed building location.
138	Pinus patula	Mexican weeping pine	Removal necessitated by current proposed building location.
139	Hymenosporum flavum	Native Frangipani	Good form. Removal necessitated by current proposed building location.
140	Cupressus torulosa	Bhutan cypress	Good form. Removal necessitated by current proposed building location.
141	Eucalyptus nicholii	Narrow-Leaved Black Peppermint	Retention favoured.
142	Liquidambar styraciflua	American Sweetgum	Large mature. Removal necessitated by current proposed building location.
143	Liquidambar styraciflua	American Sweetgum	Removal necessitated by current proposed building location.
144	Liquidambar styraciflua	American Sweetgum	Removal necessitated by current proposed building location.
145	Liquidambar styraciflua	American Sweetgum	Removal necessitated by current proposed building location.
146	Melaleuca armillaris	Bracelet honey myrtle	Light canopy shade from E. botryoides. Retention favoured.
147	Eucalyptus botryoides	Bangalay	Large mature. Retention favoured.
148	Eucalyptus botryoides	Bangalay	Large mature. Retention favoured.
149	Eucalyptus botryoides	Bangalay	Large mature. Retention favoured.
150	Callistemon viminalis	Weeping Bottlebrush	Covered in Dodder (Devil's Twine). Removal recommended.
151	Eucalyptus microcorys	Tallowwood	Retention favoured.
152	Acer negundo	Box Elder	Retention favoured.
153	Eucalyptus microcorys	Tallowwood	Small. On boundary, will uproot path. Removal recommended.
154	Eucalyptus microcorys	Tallowwood	Removal necessitated by current proposed building location.
155	Eucalyptus microcorys	Tallowwood	Removal necessitated by current proposed building location.
156	Callistemon salignus	Weeping Bottlebrush	Retention favoured.
157	Callistemon 'Harkness'	Bottlebrush	Retention favoured.
158	Eucalyptus botryoides	Bangalay	Removal necessitated by current proposed building location.
159	Eucalyptus botryoides	Bangalay	Removal necessitated by current proposed building location.
160	Eucalyptus botryoides	Bangalay	Removal necessitated by current proposed building location.
161	Eucalyptus microcorys	Tallowwood	Removal necessitated by current proposed building location.
162	Remnant Eucalypt. Species to be confirmed		Stringy bark. Basal wound. Retain. Undertake seed collection.
163	Remnant Eucalypt. Species to be confirmed		Cockatoo hollow. Ironbark. Retain. Undertake seed collection.
164	Remnant Eucalypt. Species to be confirmed		Retain. Undertake seed collection.
165	Eucalyptus crebra	Narrow-leaved ironbark	Dead. Borer attack. Remove.
166	Remnant Eucalypt. Species to be confirmed		Retain. Undertake seed collection.
167	Remnant Eucalypt. Species to be confirmed		Retain. Undertake seed collection.
168	Remnant Eucalypt. Species to be confirmed		Light crown. Minor dieback. Retain. Undertake seed collection.
169	Remnant Eucalypt. Species to be confirmed		Light crown. Minor dieback. Retain. Undertake seed collection.
170	Remnant Eucalypt. Species to be confirmed		Light crown. Minor dieback. Retain. Undertake seed collection.
171	Remnant Eucalypt. Species to be confirmed		Light crown. Minor dieback. Retain. Undertake seed collection.
172	Remnant Eucalypt. Species to be confirmed		Retain. Undertake seed collection.

VEGETATION OF SIGNIFICANCE

1. Central Parkland Eucalypts

The Gandangara Local Aboriginal Land Council (GLALC) has been consulted as part of this project. Ian Edwards, from the GLALC, identified several mature gum trees as being of cultural significance to Aboriginal people. The trees are represented by numbers 162-172 within this document. Edwards has expressed concern that these trees might be affected by the proposed development, however this is not the case, given their location on Lot 450 (Central Park)

It is also noted that the Biosis Flora and Fauna study speculates that these trees have been “planted within recent decades”². Due to their age and current condition the trees may be considered as over-mature. Seed collection and supplementary planting strategy is recommended to ensure genetic integrity of these local species is not reduced any further.

In addition to their natural heritage significance, these trees were observed to provide habitat to native fauna.



Central Parkland Eucalypts

References

- 1. Biosis Research, November 2008, *Riverwood North Urban Renewal Project - Preliminary Heritage & Archeological Assessment*
- 2. Biosis Research, November 2008, *Riverwood North Flora and Fauna Assessment & Risk Analysis*

2. Significant trees

In addition to the Central Parkland Eucalypts, some native specimens within the site area are deemed to be significant, and possibly also remnant for the previously identified reasons. Of particular note are the trees represented by numbers 63 and 64 within this document, *Eucalyptus tereticornis* and *Eucalyptus crebra*, respectively.

Other noteworthy native specimen trees include:
Corymbia citriodora (2-7)
Corymbia maculata (132, 133)
Eucalyptus sideroxylon (1)
Eucalyptus tereticornis (14)



Potentially remnant *E. tereticornis* and *E. crebra* (Ref # 63, 64)



Large Eucalypts outside existing seniors centre (Ref # 1-4)

3. Tree specimens worth salvaging

There are a number of exotic specimens currently located within the site which are potentially useful for salvaging during the development phases and replanting within new landscape works. Further assessment will be required though potential exists with species such as:




Ficus hillii,
Acer negundo,
Jacaranda mimosifolia,
Prunus x cerasifera 'Nigra', and
Sapium sebiferum.

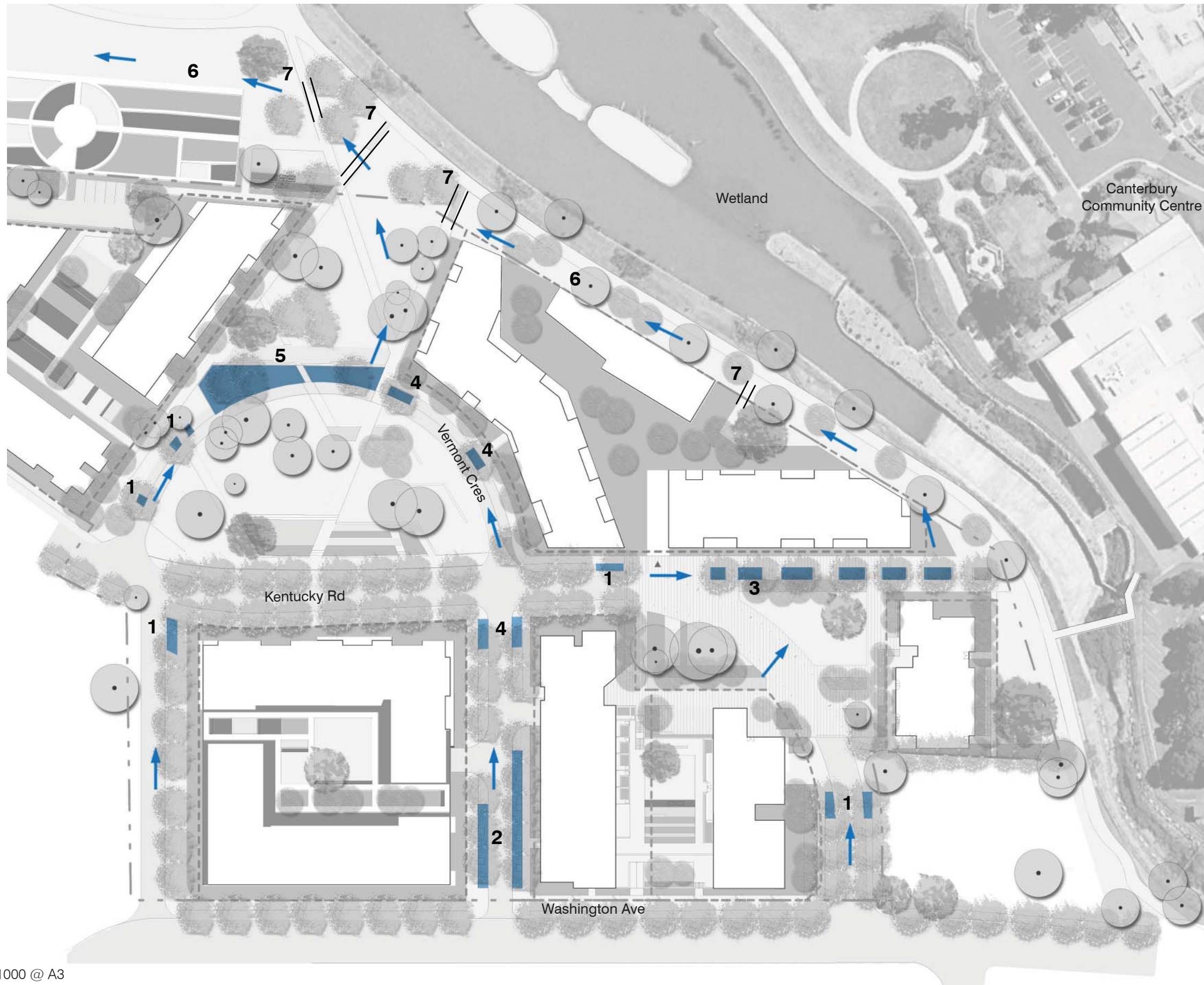


Prunus x blireana tree potentially worth salvaging (Ref #83)



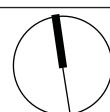
Ficus hillii trees potentially worth salvaging (Ref #122,123)

Client		Architect		Landscape Architect		Project	Riverwood North Residential Renewal Project	Drawing Title	VEGETATION OF SIGNIFICANCE	Project No.	Dwg No.	Revision
										0923	VS1	
										Scale	Date	
										Dwg Status		



- 1. STREETSCAPE BIORETENTION**
Provide bioretention gardens at the lower end of graded streets to collect and filter road runoff.
Where trees are planted within verges utilise the tree pit for collection, infiltration and cleansing of stormwater.
Refer detail WD1.
- 2. BIORETENTION TREE PIT WITHIN ROAD PAVEMENT**
Where trees are planted within the road utilise the tree pit for collection, infiltration and cleansing of stormwater.
Permeable paving of parking lanes to maximise water infiltration and mitigate overland flows.
Refer detail WD2.
- 3. GARDEN SQUARE TREATMENT**
Rain gardens used to filter overland flow from Garden Square pavements.
Refer detail WD3.
- 4. PARKING LANE BIORETENTION**
Parking lane utilised to filter overland flow from road pavements.
Refer detail WD4.
- 5. RAIN GARDENS FOR VERMONT CRES**
Provide stormwater treatment at the bottom of Vermont Crescent via ornamental rain-gardens linking with the recreational use of the adjacent parkland terrace.
- 6. EXISTING SWALE**
Overland flows to flow into the existing swale network along perimeter of the wetland.
- 7. BRIDGE CROSSINGS**
Pedestrian bridges located at key points along existing swale to link site and adjacent wetland.

1:1000 @ A3



Client



Architect

TURNER+ASSOCIATES

Landscape Architect



Project

Riverwood North
Residential Renewal Project

Drawing Title

WSUD OPPORTUNITIES

Project No.

0923

Dwg No.

WP1

Scale

1-1000 @ A3

Date

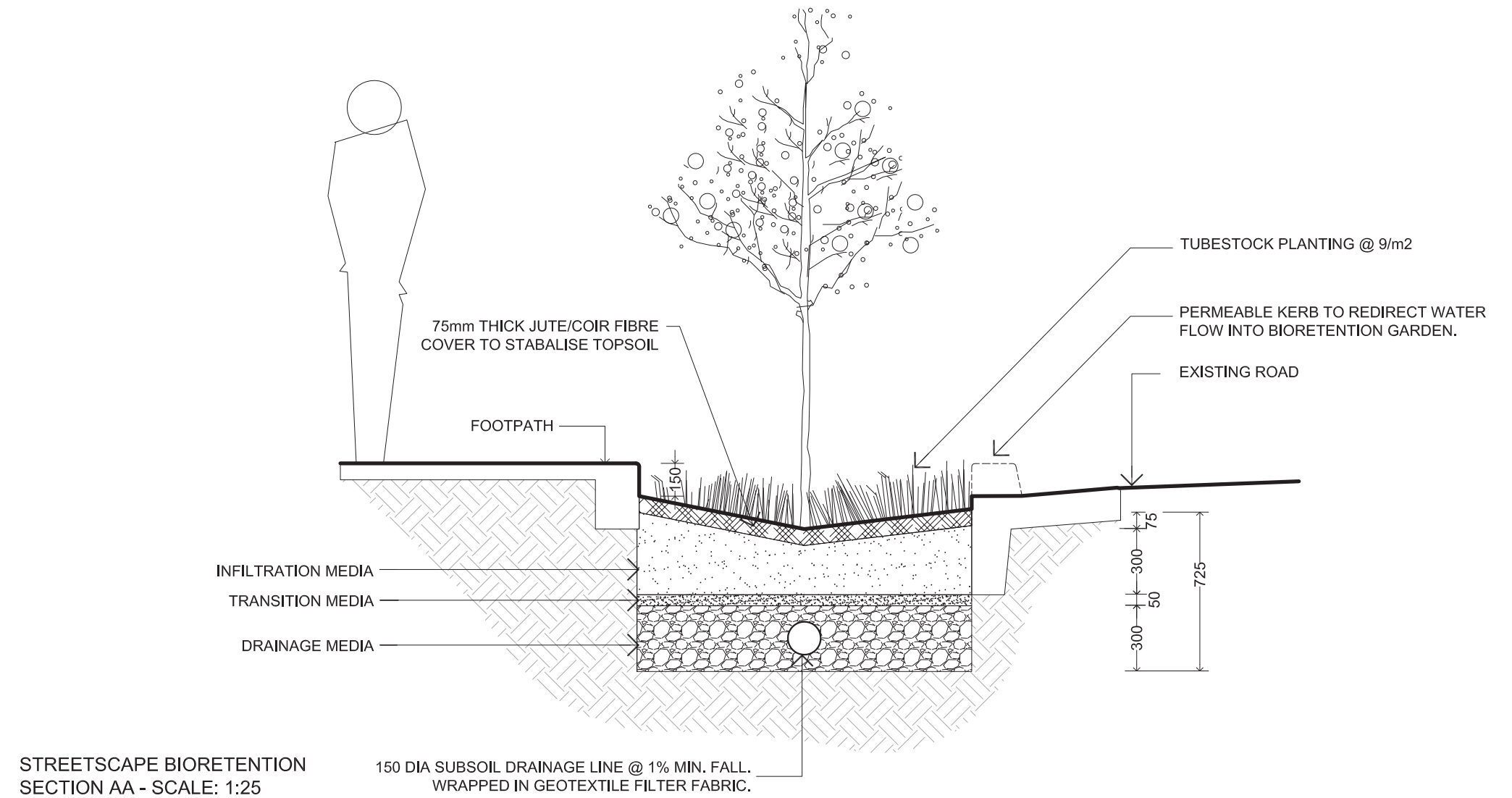
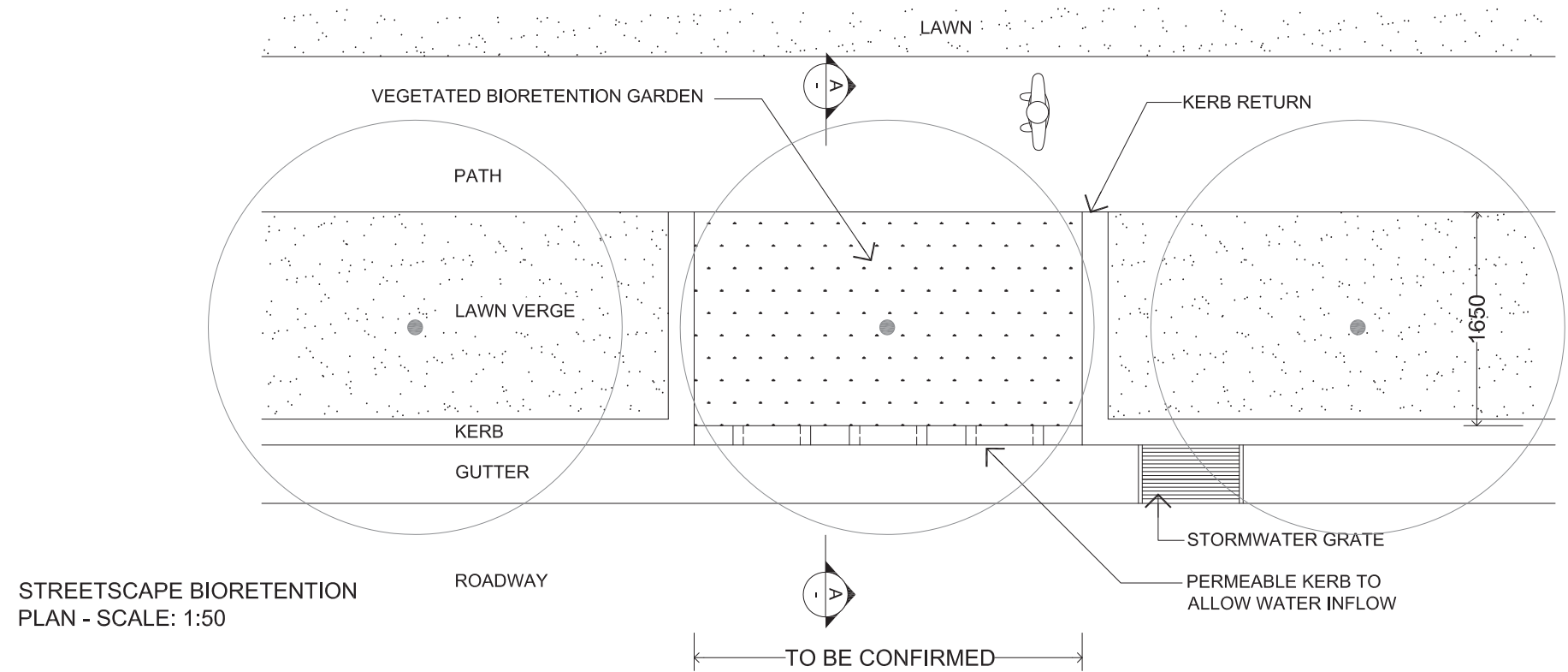
03.02.11




Dwg Status

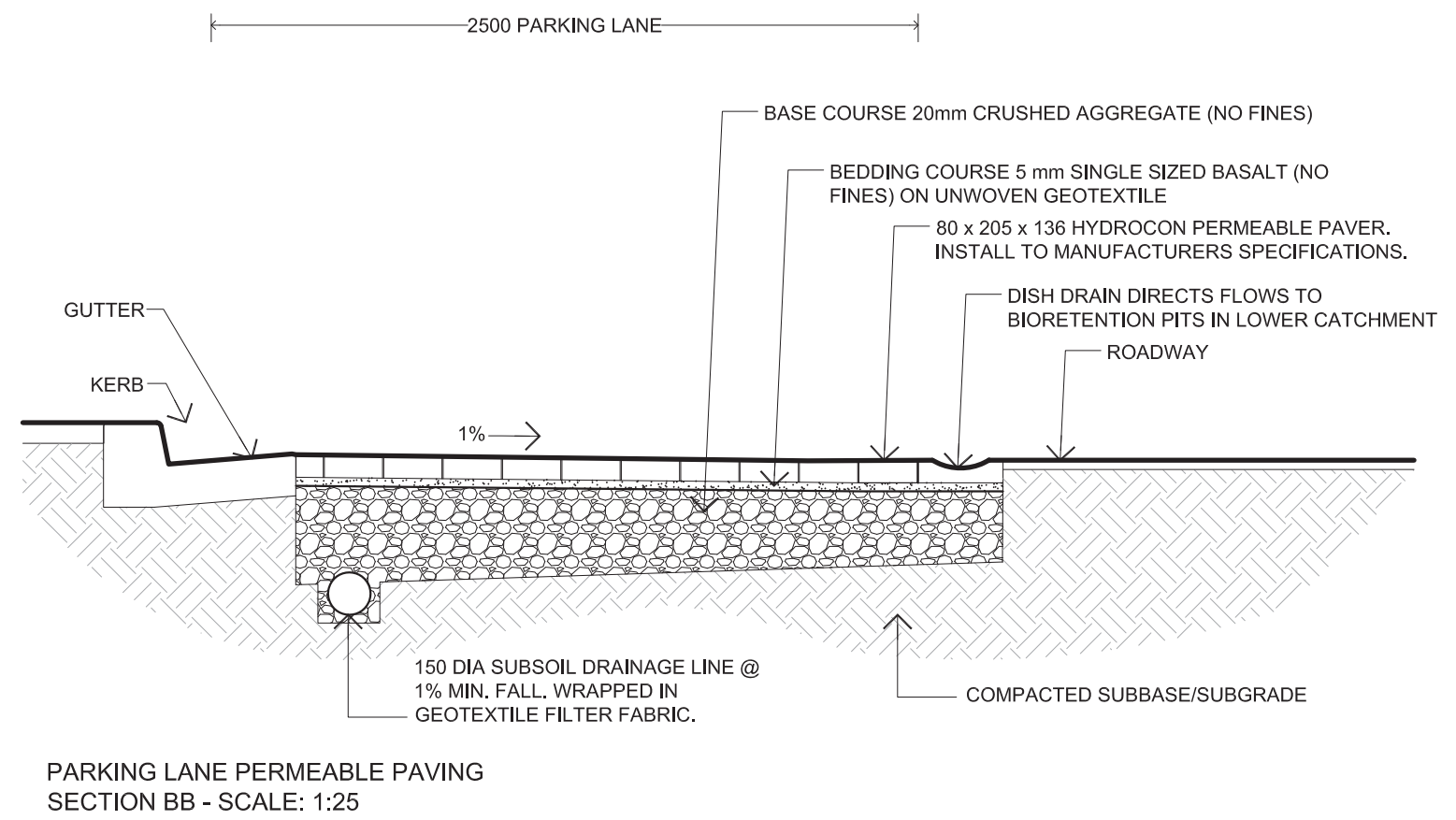
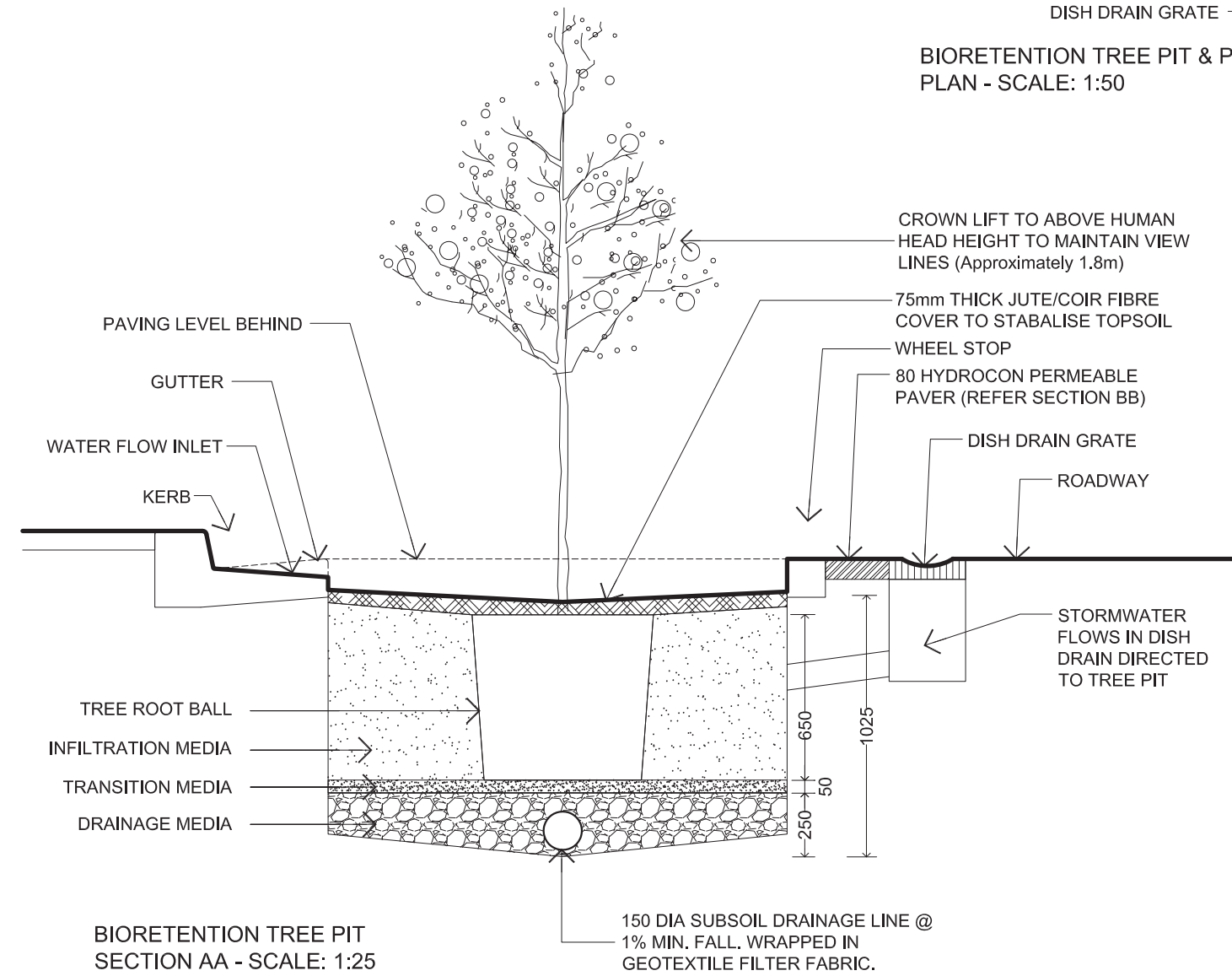
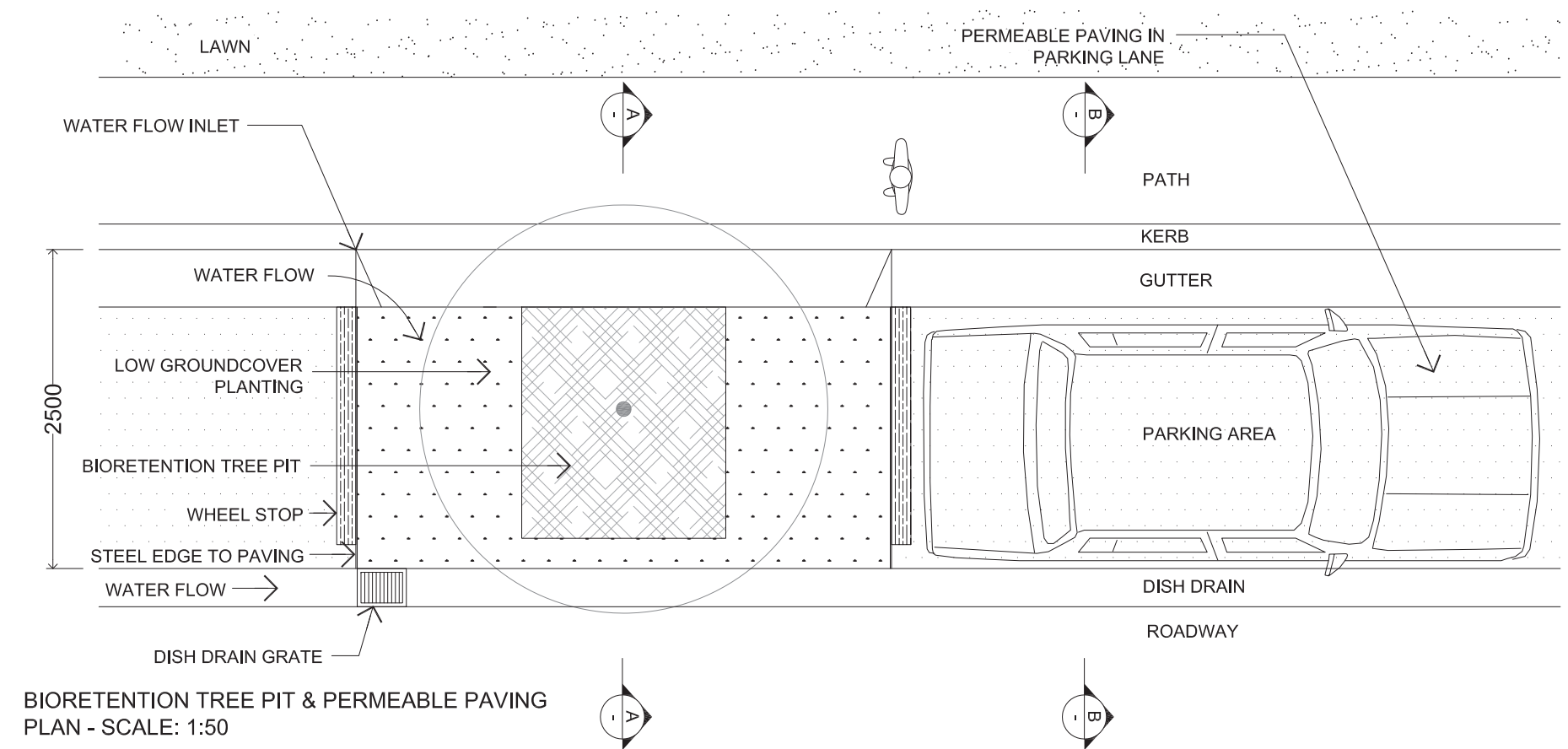
Landscape Concept




Revision

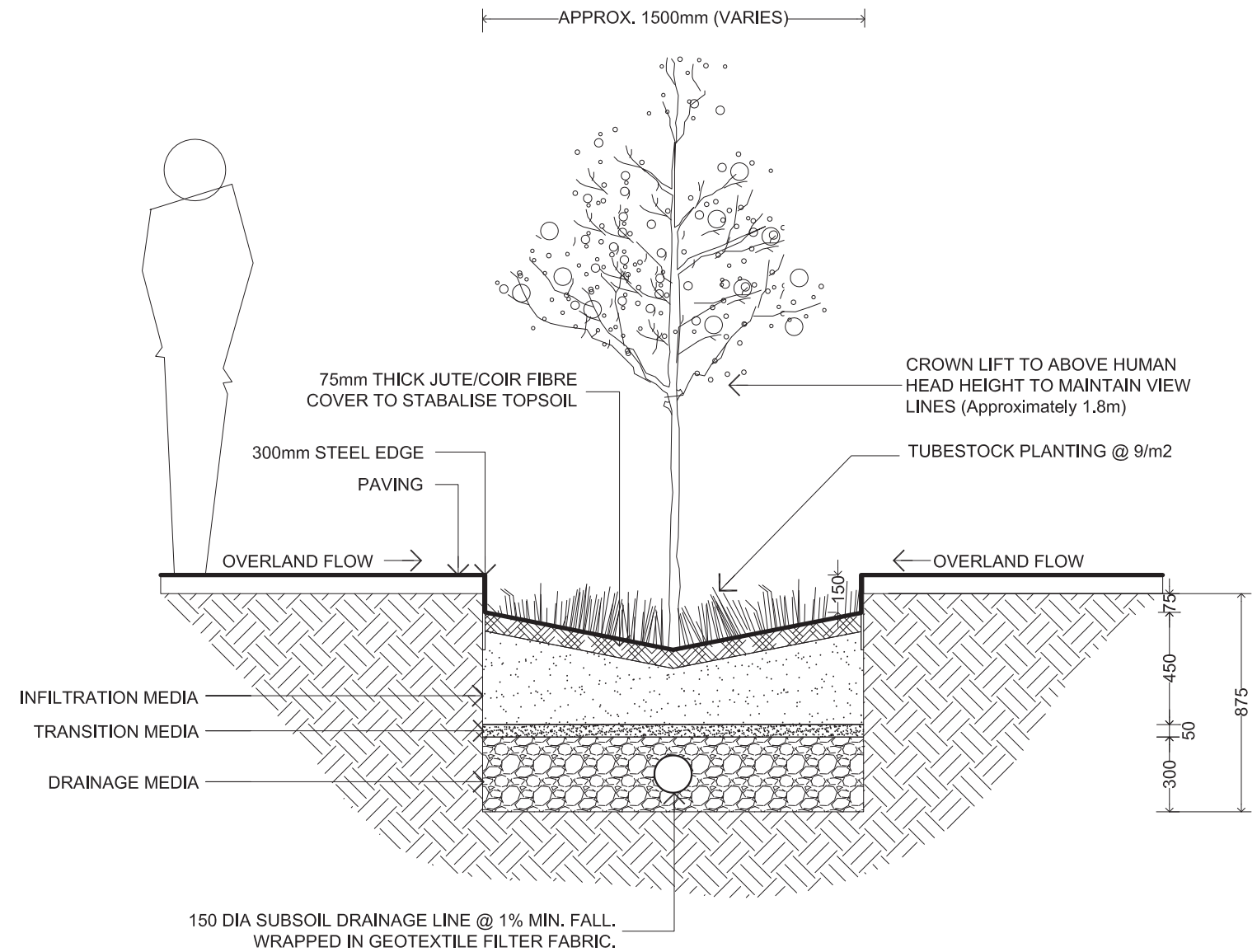
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Client	Architect	Landscape Architect	Project	Drawing Title	Project No.	Dwg No.	Revision
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					Scale	Date	
						03.02.11	
					Dwg Status	Landscape Concept	

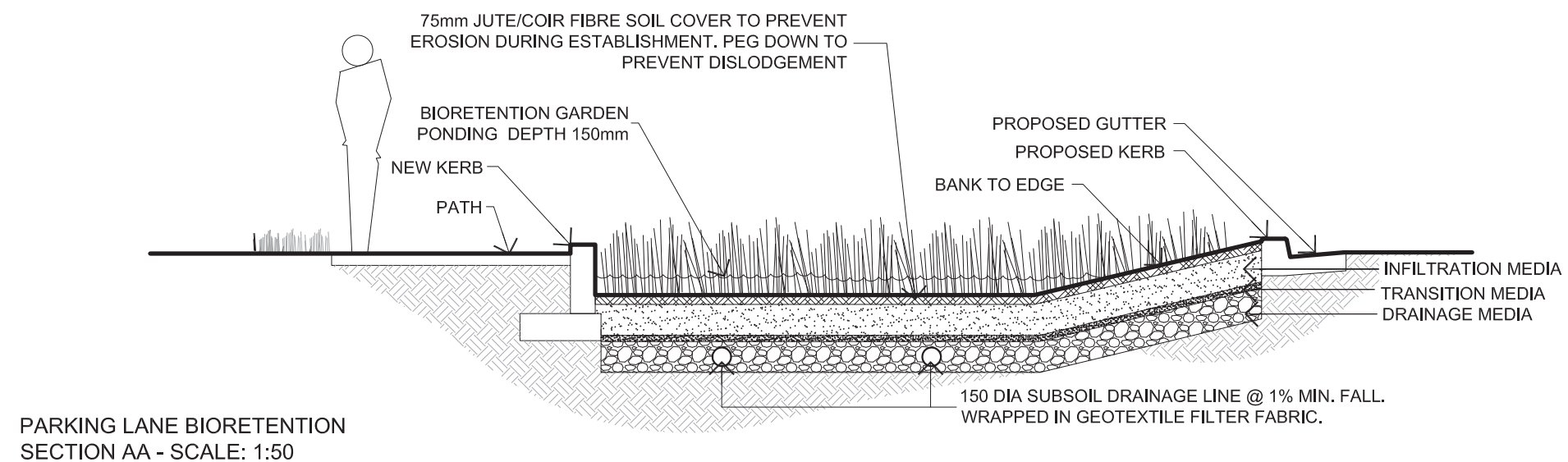
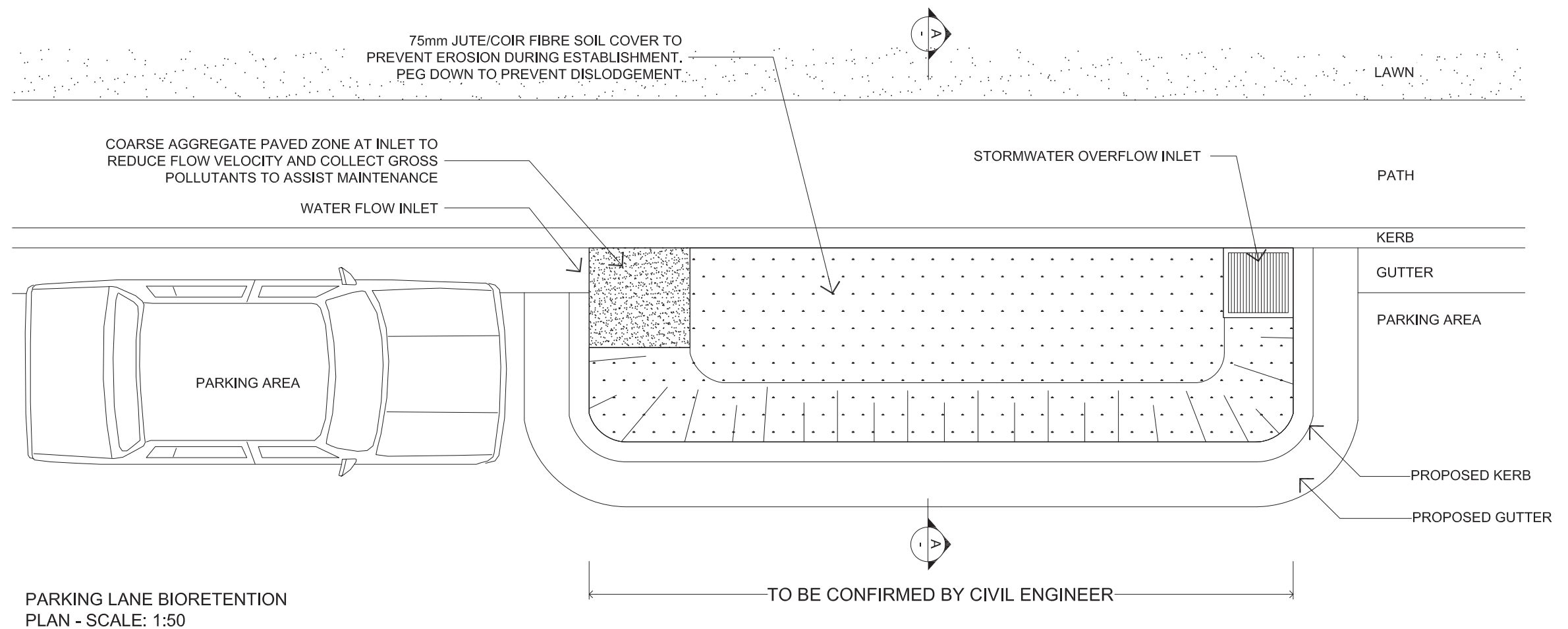





Client	Architect	Landscape Architect	Project	Drawing Title	Project No.	Dwg No.	Revision
			Riverwood North Residential Renewal Project	WSUD DETAILS	0923	WD2	A
					Scale	Date	
						03.02.11	
					Dwg Status	Landscape Concept	



GARDEN SQUARE TREATMENT
SECTION - SCALE: 1:50

Client		Architect		Landscape Architect		Project	Riverwood North Residential Renewal Project	Drawing Title	WSUD DETAILS	Project No.	0923	Dwg No.	WD3	Revision	A
										Scale		Date	03.02.11		
										Dwg Status	Landscape Concept				



Client	Architect	Landscape Architect	Project	Drawing Title	Project No.	Dwg No.	Revision
			Riverwood North Residential Renewal Project	WSUD DETAILS	0923	WD4	A
					Scale	Date	
						03.02.11	
					Dwg Status	Landscape Concept	