

MOONEE RESIDENTIAL ESTATE LANDSCAPE DESIGN

2089 / 001 - Rev B	Cover Sheet and Landscape Statement
2089 / 002 - Rev B	Street Tree Layout and Regeneration and Restoration Areas
2089 / 003 - Rev B	Entry Feature Locations
2089 / 004 - Rev A	Indicative Road and Street Sections
2089 / 005 - Rev B	Stormwater Basin Locations and Indicative Section

LANDSCAPE STATEMENT

The design intent for the public landscape within this new neighbourhood aims to generate an attractive and cohesive public setting that will enhance and complement the visual character over the long term. Street trees have been selected to ensure cohesiveness across the street types, and to provide individual character and identity to the varying locations as well as ensuring ecological outcomes.

To assist with ecological diversity of native flora and fauna areas of land within the neighbourhood will be revegetated and regenerated in accordance with a Vegetation Management Plan. The area will provide food, shelter and access to a variety of species.

Landscape proposals are responsive to the various physical constraints of the site and the amenity of future residents. Vegetation will utilise species which tolerate wide ranging conditions and have varying seasonal attributes.

B A	Updated revision numbers Updated revision numbers	31/07/2015 08/10/2014	RE RE	RE RE	TIM TIM
Rev.	Description	Date	Des.	App.	Chk.

Amendments

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

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Project Title

Moonee Residential Estate

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Approved		Date	10/10/14	

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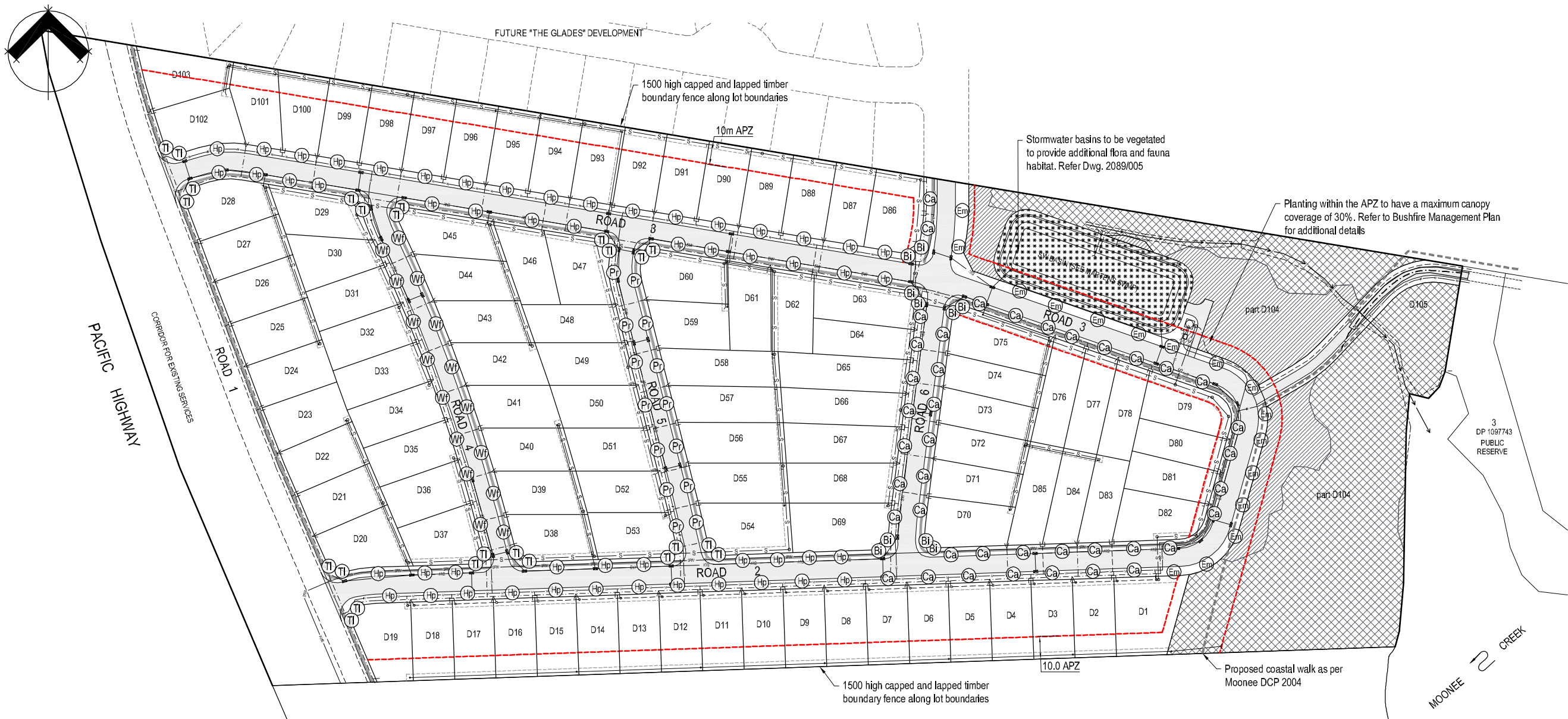
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Cover Sheet and
Landscape Statement

1089-1011

Drawing Number	Revision
2089/001	B



LEGEND

- Vegetated stormwater basin
- Proposed street tree
- SW – Storm water
- W – Water main
- SMA – Sewer rising main
- S – Sewer
- Coastal walk
- Asset protection zone

Mitigation areas based PEA Consulting's mapping

- Creation of habitat and regeneration of reserve area
- Restoration of reserve area

Refer to PEA Consulting's mapping in relation to the location and quantities of *Allocasuarina littoralis* to be planted as part of Glossy Black Cockatoo mitigation measures

B	Native vegetation planting removed from northern and southern boundary and APZ indicated	31/07/2015	RE	RE	TIM
A	Species and lot layout amended	08/10/2014	RE	RE	TIM
Rev	Description	Date	Des.	App.	Chk.
Amendments					

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J W Planning

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Drawing Title

Street Tree Layout and
Regeneration and Restoration Areas

2089-1011

Drawing Number Revision

2089/002 B

INDICATIVE TREE SPECIES LIST

Code	Botanical Name	Common Name	Mature Height (metre)
Bi	<i>Banksia integrifolia</i>	Coastal Banksia	8
Ca	<i>Cupaniopsis anacardioides</i>	Tuckeroo	8
Em	<i>Eucalyptus microcorys</i>	Tallowwood	25
Hp	<i>Harpullia pendula</i>	Tulipwood	8
Pr	<i>Pittosporum rhombifolium</i>	White Holly	7
Ti	<i>Tristaniopsis laurina</i>	Water Gum	7
Wf	<i>Waterhousia floribunda</i>	Weeping Lilly Pilly	7

NOTE

Street tree species selected are endemic to Northern NSW and have been selected based on their growth and habit which suit the physical constraints associated with the proposed subdivision. Endemic street tree species to be supplied in 75 to 100 litre container sizes and, where possible species are to be grown from local provenance seed i.e. seed collected within a 50 km radius of Coffs Harbour.



Banksia integrifolia
Coastal Banksia



Tallowwood
Eucalyptus microcorys



Tuckeroo
Cupaniopsis anacardioides



Tulipwood
Harpullia Pendula



White Holly
Pittosporum rhombifolium



Water Gum
Tristania laurina



Weeping Lilly Pilly
Waterhousia floribunda

STREET TREE PLANTING

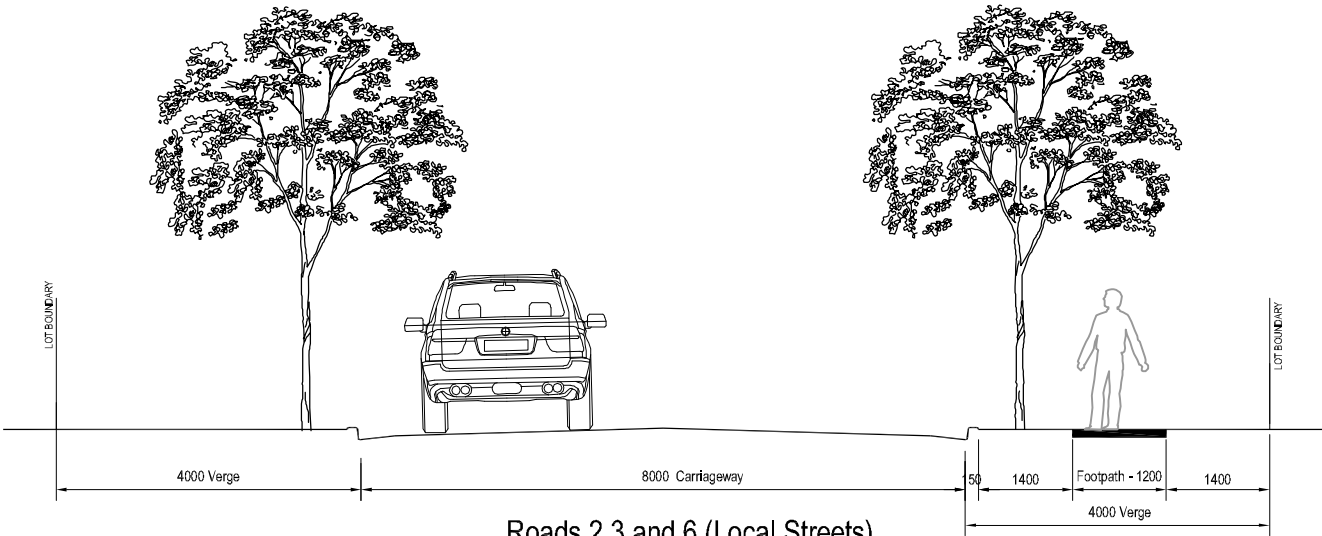
Roads 2 and 3 (Local Streets) - Avenues of medium size native trees will be provided at regular intervals within the verge on both sides of streets. *Eucalyptus microcorys* to be planted along eastern portion of road 3 to provide distinctive interface between the residential and regeneration areas.

Roads 4, 5 and 6 (Access Streets) - Avenues of small to medium size native trees will be provided at regular intervals within the verge on both sides of streets to offer natural shade and to visually soften constructed elements.

Entry Planting - An area of road reserve on either side of the road junctions or intersections will be embellished with small to medium sized trees to create natural entry features into the streets.

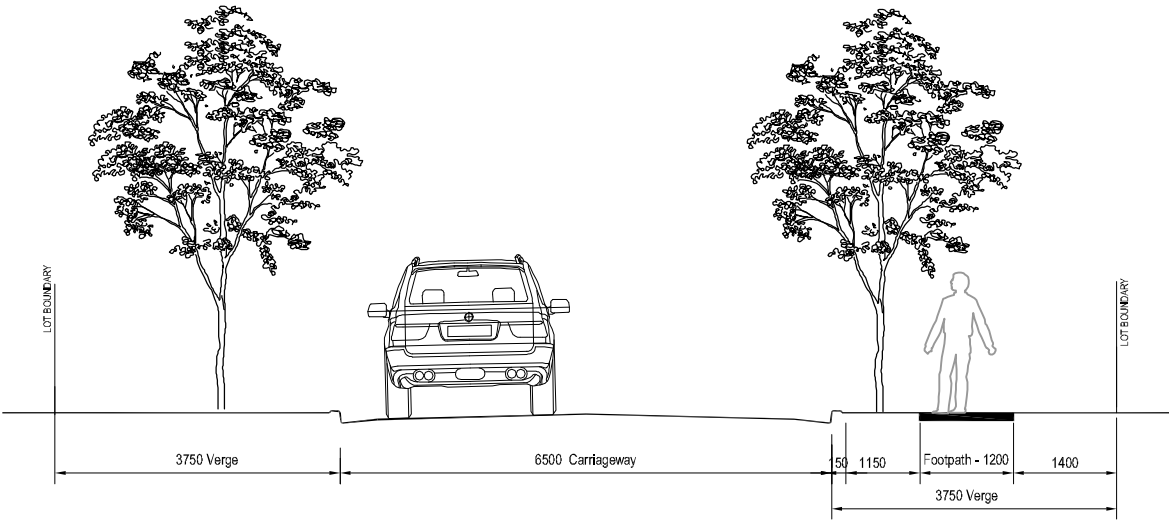
NOTE

- Street trees to be located centrally between lots or at 15 to 20 metre centres
- All trees installed within 1 metre of road pavement, footpath or services to have root barrier installed
- Street tree locations are to be confirmed during construction certificate process to comply with Austroads 2005, Intersection Sight Distance for Level Grade (Cars) and Grade Corrections to ASD and SISD (Cars)



Roads 2,3 and 6 (Local Streets)

Avenues of medium sized native trees provided at regular intervals within the verge on both sides of streets



Roads 4 and 5 (Access Streets)

Avenues of small to medium size native trees provided at regular intervals within the verge on both sides of streets



Local Street



Tulipwood
Harpulia Pendula



Tuckeroo
Cupaniopsis anacardioides



Access Street



Weeping Lilly Pilly
Waterhousia floribunda



Tulipwood
Harpulia Pendula

Rev.	Description	Date	Des.	App.	Chk.
A	Species and lot layout amended	08/10/2014	RE	RE	TIM

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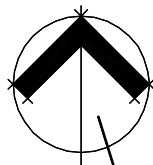
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Drawing Title

Indicative Road and Street Sections

Drawing Number	Revision
2089/003	A



LEGEND

- Proposed street tree
- Coastal walk
- Asset protection zone

Rev.	Description	Date	Des.	App.	Chk.	Amendments
B	APZ Indicated	31/07/2015	RE	RE	TIM	
A	Species and lot layout amended	08/10/2014	RE	RE	TIM	

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Drawing Title
Entry Feature Locations

Drawing Number
2089/004

Revision
B

ENTRY FEATURES

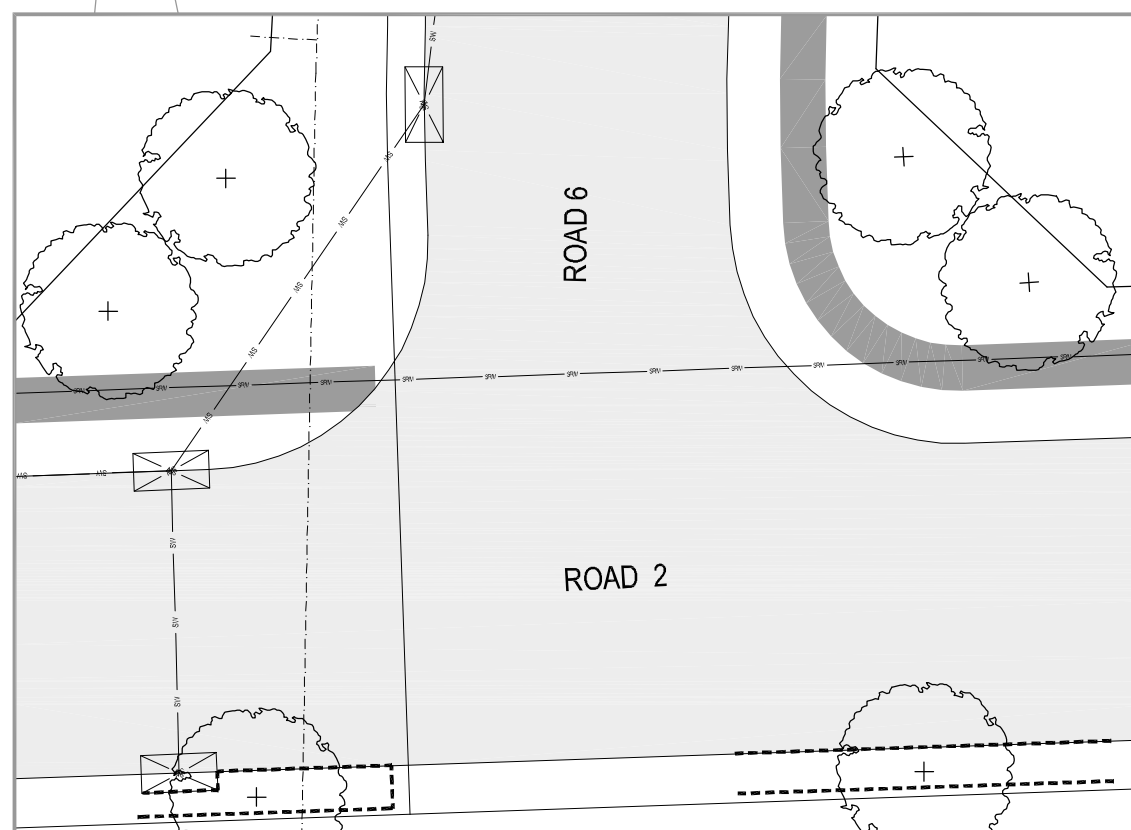
The entry points to roads and streets will be identified through street trees located in an area of road reserve on either side of the road junctions or at intersections. The concept is to create natural entry features into the streets which are in keeping with the overall visual character of the residential area.



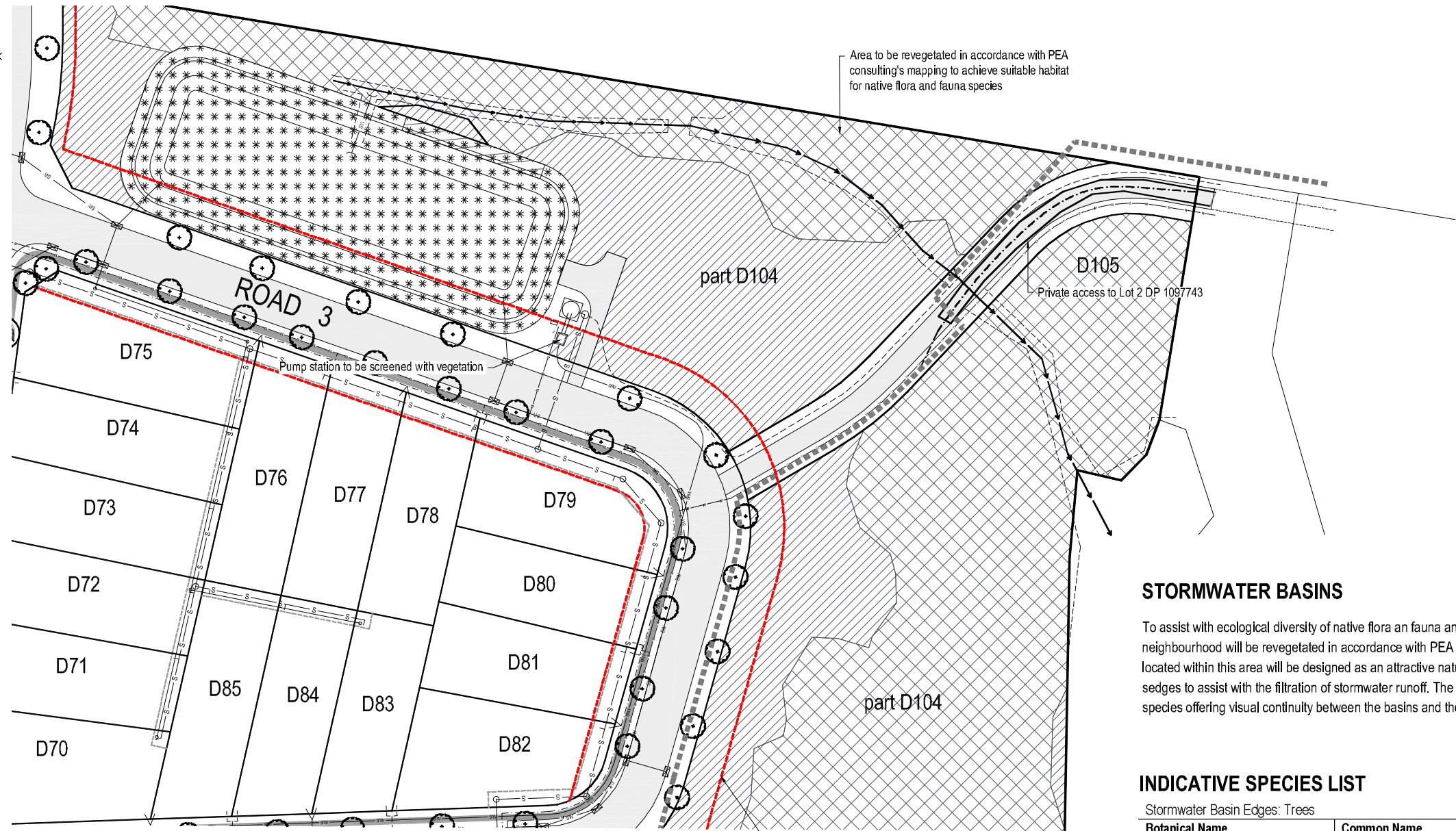
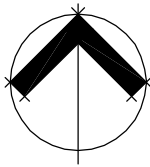
Banksia integrifolia
Coastal Banksia



Water Gum
Tristania laurina



NTS



LEGEND

- Vegetated stormwater basin
- Proposed street tree
- SW - Storm water
- W - Water
- SRM - Sewer rising main
- S - Sewer
- Coastal walk
- Asset protection zone

Mitigation areas based PEA Consulting's mapping

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STORMWATER BASINS

To assist with ecological diversity of native flora an fauna an area of land in the eastern area of the neighbourhood will be revegetated in accordance with PEA Consulting's mapping. The stormwater basin located within this area will be designed as an attractive natural feature, planted with native rushes and sedges to assist with the filtration of stormwater runoff. The embankments will be mass planted with native species offering visual continuity between the basins and the revegetated areas.

INDICATIVE SPECIES LIST

Stormwater Basin Edges: Trees

Botanical Name	Common Name
<i>Allocasuarina littoralis</i>	Black She-oak
<i>Melaleuca quinquenervia</i>	Broad-leaved paperbark

Stormwater Basin Edges: Grasses

Botanical Name	Common Name
<i>Juncus usitatus</i>	Tussock Rush
<i>Lomandra longifolia</i>	River Mat Rush

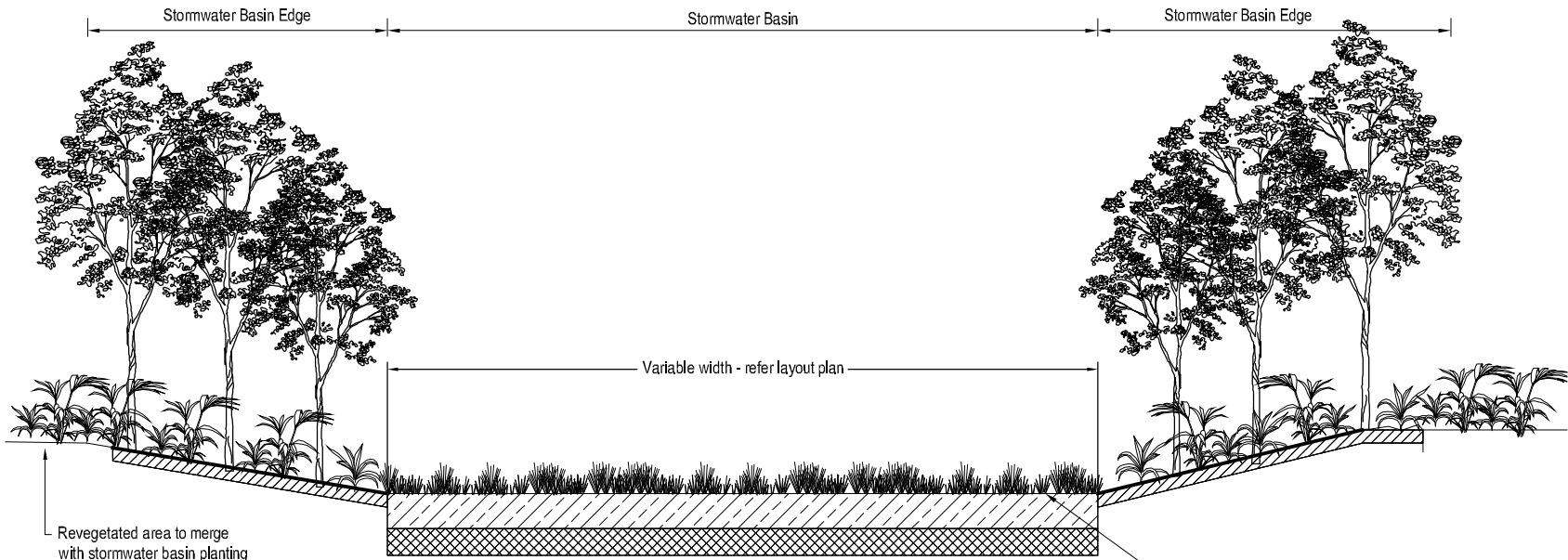
Stormwater Basin

Botanical Name	Common Name
<i>Baumea rubiginosa</i>	Soft twigrush
<i>Juncus usitatus</i>	Common Rush

NOTE

Species selected are endemic to Northern NSW and, where possible tubestock should be grown from local provenance seed i.e. seed collected within a 50 km radius of Coffs Harbour.

INDICATIVE IMAGES



INDICATIVE SECTION

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Stormwater Basin Locations and Indicative Section

Drawing Number	2089-1011
Revision	B
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