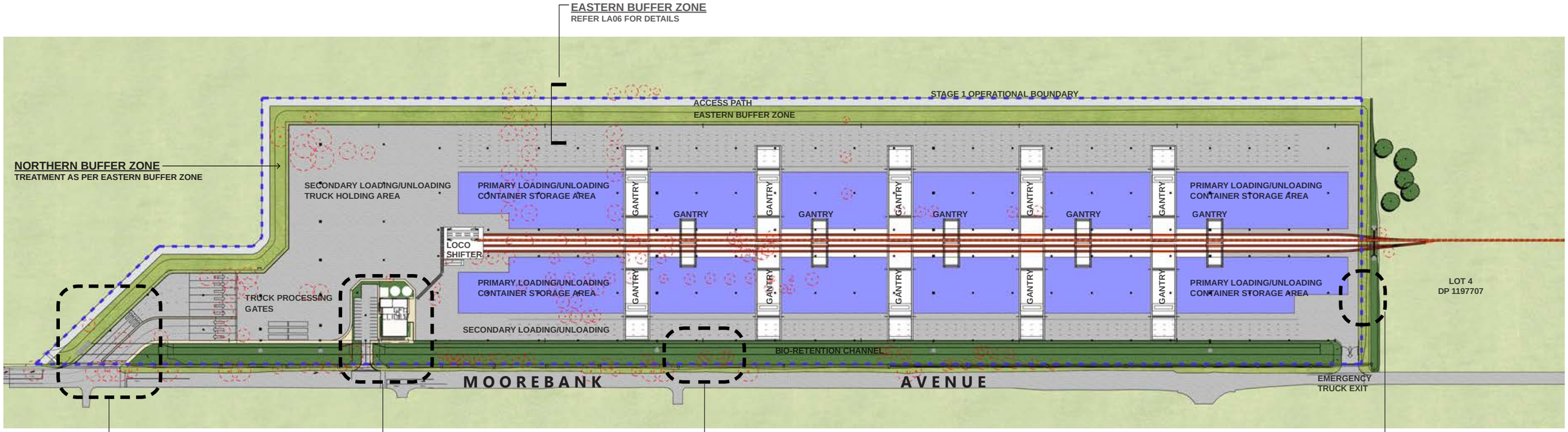
SIMTA INTERMODAL TERMINAL FACILITY - STAGE 1

LANDSCAPE PLAN



DRAWING LIST

LA01 Landscape Masterplan
LA02 Main IMT Entrance Landscape Plan
LA03 Administration Facility Landscape Plan
LA04 Moorebank Avenue Landscape Plan
LA05 Southern Buffer Landscape Plan
LA06 Eastern Buffer Landscape Plan

HOLISTIC LANDSCAPE DESIGN STATEMENT

THE SYDNEY INTERMODAL TERMINAL ALLIANCE (SIMTA) PROJECT INVOLVES THE DEVELOPMENT OF AN INTERMODAL FACILITY, INCLUDING WAREHOUSE AND DISTRIBUTION FACILITIES, FREIGHT VILLAGE, STORMWATER, LANDSCAPING, SERVICING AND ASSOCIATED WORKS ON THE EASTERN SIDE OF MOOREBANK AVENUE, MOOREBANK. THE SIMTA PROJECT ALSO INCLUDES A RAIL LINK, WITHIN AN IDENTIFIED RAIL CORRIDOR, WHICH CONNECTS FROM THE SOUTHERN PART OF THE SIMTA SITE TO THE SOUTHERN SYDNEY FREIGHT LINE.

THE FOCUS OF THE STAGE 1 LANDSCAPE PLAN IS THE MOOREBANK AVENUE FRONTAGE, WHICH FORMS THE MAJOR CONNECTION TO THE SIMTA SITE & STAGE 1 SITE. MOOREBANK AVENUE IS TO ACCOMMODATE THE MAIN ENTRANCE TO THE SITE, THE ADMINISTRATION FACILITY AS WELL AS URBAN STORMWATER AND LANDSCAPE SYSTEMS THAT COMPLEMENT THE SURROUNDING EXISTING LANDSCAPES.

ALSO INCLUDED IN STAGE 1 IS THE SOUTHERN BUFFER ZONE - WHICH LINKS THE SITE TO EXISTING VEGETATION COMMUNITIES - AND THE EASTERN BUFFER ZONE, A TEMPORARY LANDSCAPE THAT UTILISES WATER SENSITIVE URBAN DESIGN

GIVEN THE SITE IS BOUNDED TO THE SOUTH BY AREAS OF INTACT NATIVE VEGETATION; THE LANDSCAPE DESIGN AIMS TO INTEGRATE THE SIMTA STAGE 1 SITE WITH ITS BROADER ENVIRONMENT BY:
- USING SPECIES THAT ARE LOCAL TO THE AREA.
- USING TREES THROUGHOUT THE SITE, WHERE FEASIBLE, TO PROVIDE FOR A UNIFORM CANOPY COVER WITHIN VEGETATED AREAS.
- USING LOCAL SPECIES AS UNDERSTOREY PLANTING TO ENHANCE LOCAL HABITAT VALUES.
- USING MATERIALS IN HIGH VISIBILITY AREAS THAT ARE SYMPATHETIC TO THE COLOURS AND TEXTURES OF LOCAL PLANT SPECIES BEING USED.

WHERE REASONABLE AND FEASIBLE, PLANTS WILL BE PROPAGATED WITH SEEDS COLLECTED WITHIN THE LOCAL AREA. THIS WILL REINFORCE THE GENETIC INTEGRITY OF THE REGION.

LEGEND

- EXISTING TREES TO BE RETAINED
  NOTE: EXISTING TREES WILL BE RETAINED WHERE REASONABLE, FEASIBLE AND PRACTICAL TO DO SO
- EXISTING TREES TO BE REMOVED
  NOTE: EXISTING TREES WILL BE RETAINED WHERE REASONABLE, FEASIBLE AND PRACTICAL TO DO SO
- STAGE 1 OPERATIONAL BOUNDARY
- RAIL LINK

Rev	Date	Description	Initial	Checked
A	30.03.2015	For Development Application	KM	RL

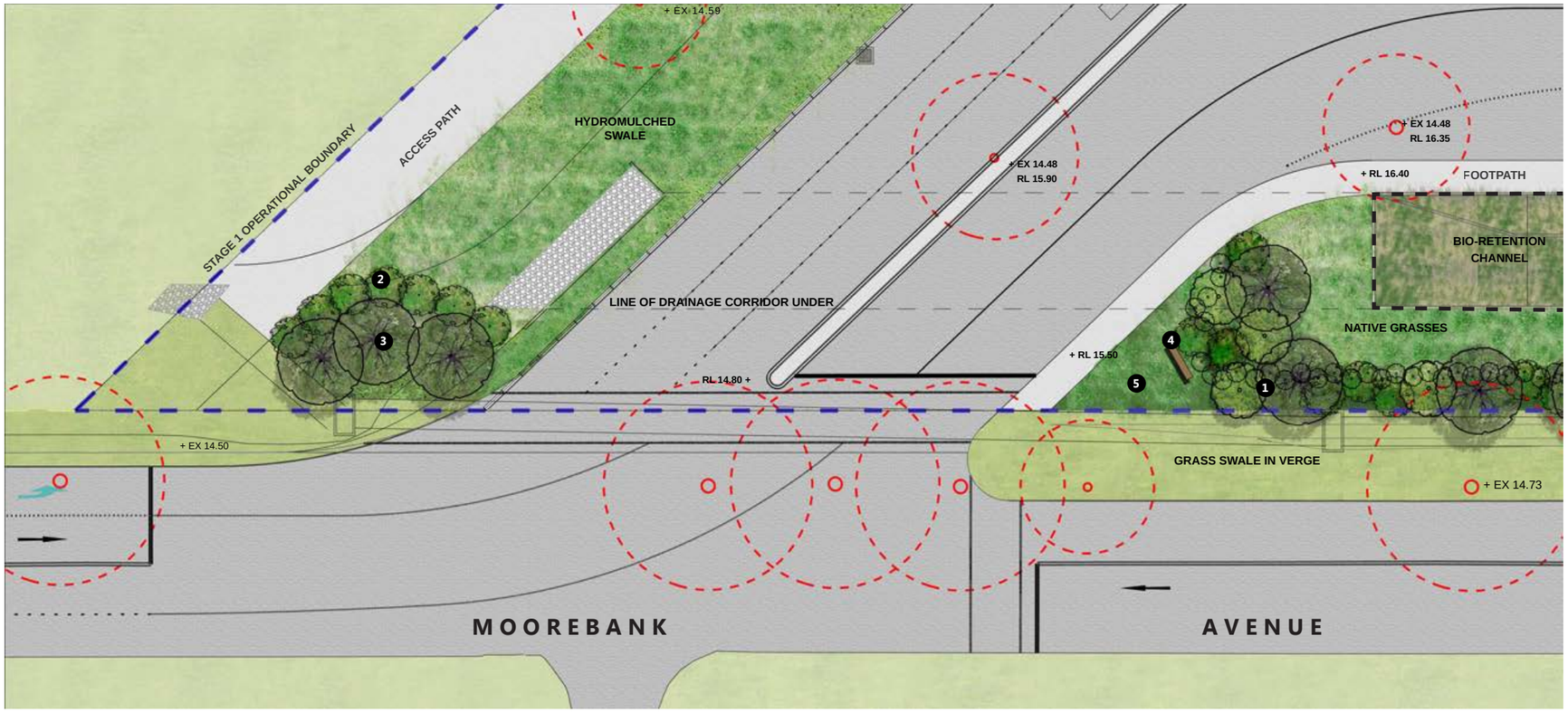
FOR DEVELOPMENT APPLICATION

Landscape Masterplan
Drawing LA01 30.3.2015

Project:	Project Number:	Client	Architect	Project Manager:	Scale:
SIMTA INTERMODAL TERMINAL FACILITY Stage 1 EIS Application, Moorebank, NSW	20141029	**SIMTA**	**Reid Campbell**	**Tactical Group**	1:1500 @ A1 (1:3000 @ A3) 0 10 20 30 40 50 60 70 80 90 100M

groundink. landscape architecture · design visuals

© Ground Ink Pty Ltd ABN 55 163 025 45 L1/722 Bourke Street, Redfern East, NSW 2016

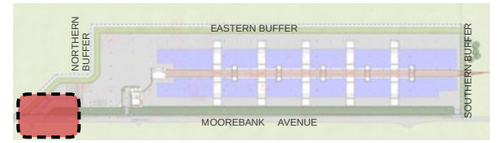


LANDSCAPE PLAN

SCALE: 1:200 @ A1 (1:400 @ A3)

0 2 4 6 8 10 12 14 16 18 20M

KEY PLAN



LEGEND

EXISTING TREES TO BE REMOVED
NOTE: EXISTING TREES WILL BE RETAINED WHERE REASONABLE, FEASIBLE AND PRACTICAL TO DO SO

STAGE 1 OPERATIONAL BOUNDARY

FENCE LINE

+ EX 15.32 EXISTING SPOT LEVEL

+ RL 15.80 PROPOSED SPOT LEVEL

1. NEW MIXED SCREEN PLANTING ADJACENT TO BOUNDARY CONSISTING OF NATIVE TREES, SHRUBS AND GRASSES.
2. BORDER OF SMALLER TREES TO ENCLOSE ENTRANCE PLANTING AREA AND FRAME LARGE TREES
3. LARGE ENTRY TREE PLANTING TO DISTINGUISH MAIN ENTRANCE TO TERMINAL FACILITY
4. INDICATIVE LOCATION AND APPEARANCE OF THE MAIN IMT ENTRY SIGNAGE 6.1(H) x 3(W) METRES THE SIZE AND MATERIALITY OF THE ENTRY SIGNAGE IS SUBJECT TO FUTURE DESIGN DEVELOPMENT BUT WILL BE MADE UP OF A SELECTION OF MATERIALS TRADITIONALLY ASSOCIATED WITH THE BUSHLAND LANDSCAPE E.G. AGED METALS, NATURAL STONE AND TIMBER, AS PER THE URBAN DESIGN AND LANDSCAPE REPORT, PREPARED AS PART OF THE PART 3A CONCEPT APPLICATION, DATED JUNE 2013 REFER ARCHITECTURAL DRAWING A3001 FOR DETAILS.
5. LOW NATIVE GRASSES TO ENSURE SITE LINES ARE MAINTAINED

ILLUSTRATIVE IMPRESSION

INDICATIVE PLANT SCHEDULE

BOTANICAL NAME	COMMON NAME
Trees	
Allocasuarina littoralis	Black She-Oak
Eucalyptus racemosa	Snappy Gum, Scribbly Gum
Eucalyptus sideroxylon	Mugga, Red Ironbark
Eucalyptus tereticornis	Forest Red Gum
Melaleuca decora	White Cloud Tree
Melaleuca linariifolia	Flax-leaved Paperbark
Shrubs	
Acacia brownii	Golden Prickly Moses
Acacia parramattensis	Parramatta Green Wattle
Callistemon citrinus	Scarlet Bottlebrush
Callistemon linearis	Narrow-leaved Bottlebrush
Callistemon salignus	White Bottlebrush, Pink-tips
Kunzea ambigua	Tick-bush
Melaleuca nodosa	Ball Honey-myrtle
Pittosporum undulatum	Pittosporum
Groundcovers	
Austrodanthonia fulva	Wallaby Grass
Dianella caerulea	Blue Flax-lily
Dianella revoluta	Blue Flax-lily, Spreading Flax-lily
Dichondra repens	Kidney-weed, Mercury Bay Weed
Hardenbergia violacea	False Sarsaparilla
Lomandra longifolia	Spiny-headed Mat-rush
Microlaena stipoides	Weeping Grass, Meadow Rice-grass
Themeda australis	Kangaroo Grass

PLANT IMAGES

Eucalyptus sideroxylon

Callistemon citrinus

Acacia parramattensis

Kunzea ambigua

Dianella caerulea

Dichondra repens

DESIGN STATEMENT

THE LANDSCAPE OF THE MAIN IMT ENTRANCE AIMS TO PROVIDE AN EASILY-ORIENTATED PATHWAY FOR VISITORS AND WORKERS OF THE SITE. VEHICULAR, PEDESTRIAN AND BICYCLE ENTRY ARE ALL INTEGRATED INTO ONE COHESIVE ENTRY.

SIGNAGE USES GEOMETRIES AND FORMS THAT STRONGLY RELATE TO RAIL TRANSPORT. SIGNAGE WILL INCORPORATE A NATURAL LOOKING MATERIAL WHICH HAS STRONG VISUAL ASSOCIATIONS WITH BUSHLAND LANDSCAPES.

PLANTING, ONCE MATURE, WILL PROVIDE SIGNIFICANT SCREENING BETWEEN THE SIMTA SITE AND MOOREBANK AVENUE. THIS WILL INCLUDE A RANGE OF LOCAL SPECIES THAT HAVE BEEN SELECTED FOR THEIR UNIQUE FORMS, COLOURS AND TEXTURES.

Rev	Date	Description	Initial	Checked
A	30.03.2015	For Development Application	KM	RL

FOR DEVELOPMENT APPLICATION

Main IMT Entrance Landscape Plan

Drawing LA02 30.3.2015

Project:
SIMTA INTERMODAL TERMINAL FACILITY
Stage 1 EIS Application, Moorebank, NSW

Project Number: 20141029

Client: **SIMTA**

Architect: **Reid Campbell**

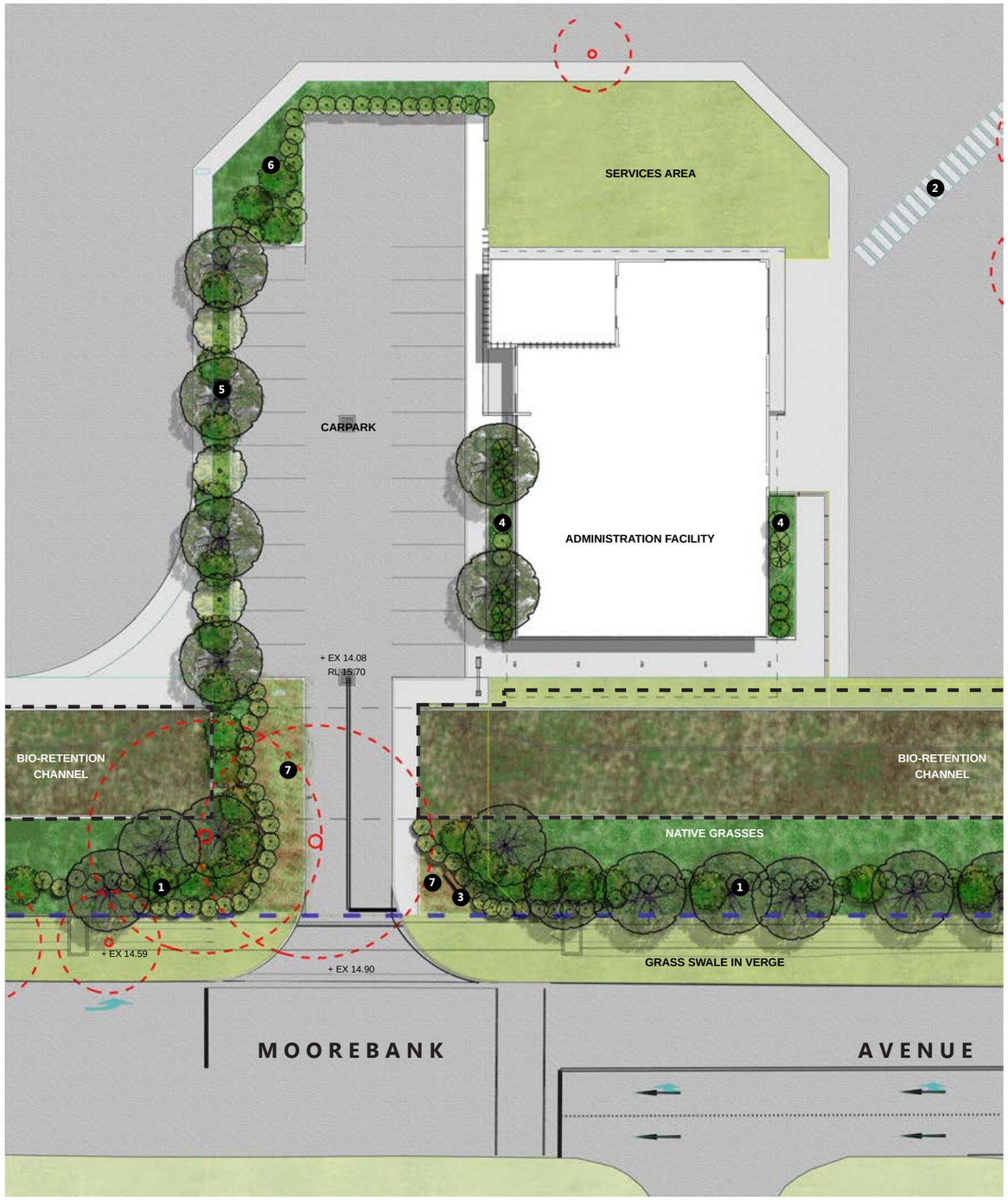
Project Manager: **Tactical Group**

Scale: 1:200 @ A1 (1:400 @ A3)

0 2 4 6 8 10 12 14 16 18 20M

groundink. landscape architecture · design visuals

© Ground Ink Pty Ltd ABN 55 163 025 45 L1/722 Bourke Street, Redfern East, NSW 2016



LANDSCAPE PLAN

SCALE: 1:200 @ A1 (1:400 @ A3)

0 2 4 6 8 10 12 14 16 18 20M

INDICATIVE PLANT SCHEDULE

BOTANICAL NAME	COMMON NAME
Trees	
Acmena smithii	Lilly-pilly
Angophora bakeri	Narrow-leaved Apple
Angophora floribunda	Rough-barked Apple
Angophora subvelutina	Broad-leaved Apple
Corymbia maculata	Spotted Gum
Eucalyptus racemosa	Snappy Gum, Scribbly Gum
Melaleuca decora	White Cloud Tree
Melaleuca linariifolia	Flax-leaved Paperbark
Shrubs	
Acacia decurrens	Black Wattle
Acacia falcata	Sickle Wattle
Acacia parramattensis	Parramatta Green Wattle
Bossiaea heterophylla	Variable Bossiaea
Callistemon citrinus	Scarlet Bottlebrush
Callistemon linearis	Narrow-leaved Bottlebrush
Callistemon salignus	White Bottlebrush, Pink-tips
Daviesia ulicifolia	Gorse Bitter-pea
Kunzea ambigua	Tick-bush
Leptospermum polygalifolium	Tantoon
Leptospermum trinervium	Slender Tea-tree
Melaleuca armillaris	Bracelet Honey-myrtle
Melaleuca nodosa	Ball Honey-myrtle
Melaleuca thymifolia	Thyme Honey-myrtle
Philotheca salsolifolia	Philotheca
Pittosporum undulatum	Pittosporum
Groundcovers	
Dianella caerulea	Blue Flax-lily
Dianella revoluta	Blue Flax-lily, Spreading Flax-lily
Dichondra repens	Kidney-weed, Mercury Bay Weed
Hardenbergia violacea	False Sarsaparilla
Imperata cylindrica	Blady Grass
Lomandra longifolia	Spiny-headed Mat-rush
Microlaena stipoides	Weeping Grass, Meadow Rice-grass
Themeda australis	Kangaroo Grass

PLANT IMAGES

Angophora floribunda

Corymbia maculata

Melaleuca decora

Acacia parramattensis

Melaleuca armillaris

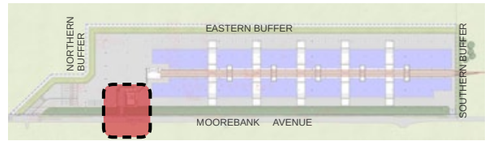
Pittosporum undulatum

Dichondra repens

Lomandra longifolia

Microlaena stipoides

KEY PLAN



LEGEND

EXISTING TREES TO BE REMOVED
NOTE: EXISTING TREES WILL BE RETAINED WHERE REASONABLE, FEASIBLE AND PRACTICAL TO DO SO

STAGE 1 OPERATIONAL BOUNDARY

FENCE LINE

+ EX 15.32 EXISTING SPOT LEVEL

+ RL 15.80 PROPOSED SPOT LEVEL

1 NEW MIXED SCREEN PLANTING ADJACENT TO BOUNDARY CONSISTING OF NATIVE TREES, SHRUBS AND GRASSES.

2 PEDESTRIAN CROSSING

3 INDICATIVE LOCATION AND APPEARANCE OF THE ADMINISTRATION FACILITY ENTRY SIGNAGE 5(H) x 2(W) METRES. THE SIZE AND MATERIALITY OF THE ENTRY SIGNAGE IS SUBJECT TO FUTURE DESIGN DEVELOPMENT BUT WILL BE MADE UP OF A SELECTION OF MATERIALS TRADITIONALLY ASSOCIATED WITH THE BUSHLAND LANDSCAPE E.G. AGED METALS, NATURAL STONE AND TIMBER, AS PER THE URBAN DESIGN AND LANDSCAPE REPORT, PREPARED AS PART OF THE PART 3A CONCEPT APPLICATION, DATED JUNE 2013
REFER ARCHITECTURAL DRAWING A3001 FOR DETAILS.

4 DETAILED ENTRY PLANTING TO SMALLER GARDEN BEDS

5 MIXED PLANTING WITH SCREEN HEDGING INTERSPERSED WITH TALLER TREE SPECIMENS

6 MIXED NATIVE GRASSES AND SCREENING SHRUBS

7 FEATURE PLANTING USED TO HIGHLIGHT THE ARRIVAL EXPERIENCE AND EMBELLISH THE NATIVE PLANTING CHARACTER ESTABLISHED ELSEWHERE ALONG THE ROAD FRONTAGE

DESIGN STATEMENT

POSITIONED WITHIN THE MOOREBANK AVENUE SCREENING LANDSCAPE ZONE, THE ADMINISTRATION FACILITY IS CAREFULLY INTEGRATED INTO THE SURROUNDING LANDSCAPE SETTING.

THE PLANTING LAYOUT ENSURES THAT SAFE SIGHT LINES ARE MAINTAINED WHILST PROVIDING SHADE TO EMPLOYEES AND VISITORS AND TO THE CARPARK AREA. THE LANDSCAPE IS TO FEEL OPEN, WITH CLEAR SIGHT LINES AND AMPLE SURVEILLANCE OPPORTUNITIES.

PLANTING IN THE ADMINISTRATION FACILITY LANDSCAPE IS TO BE INFORMAL, WITH GROUPS OF TREES, SHRUBS AND SWATHES OF GROUNDCOVERS. THIS WILL SERVE TO ENHANCE THE NATURAL CHARACTERISTICS OF THE LANDSCAPE.

Rev	Date	Description	Initial	Checked
A	30.03.2015	For Development Application	KM	RL

FOR DEVELOPMENT APPLICATION

Administration Facility Landscape Plan

Drawing LA03 30.3.2015

Project: **SIMTA INTERMODAL TERMINAL FACILITY** Stage 1 EIS Application, Moorebank, NSW

Project Number: 20141029

Client **SIMTA**

Architect **Reid Campbell**

Project Manager: **Tactical Group**

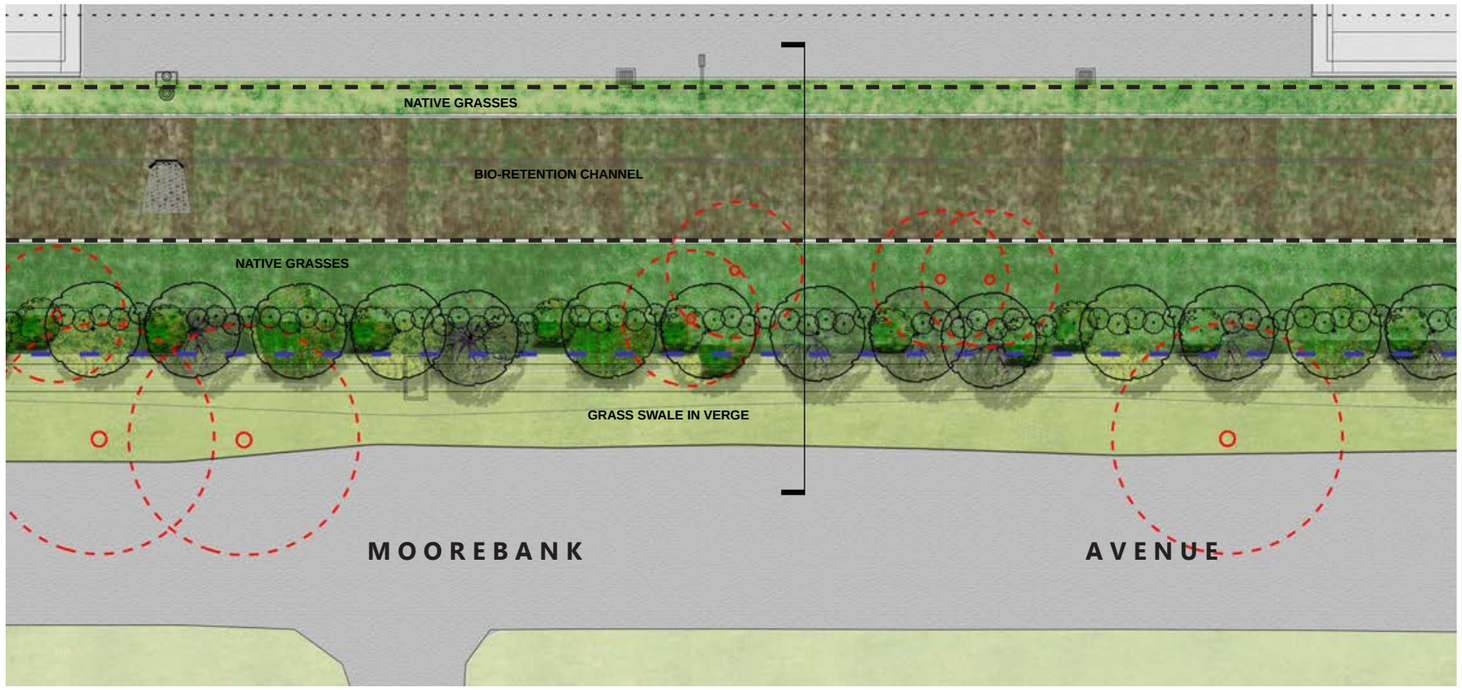
Scale: 1:200 @ A1 (1:400 @ A3)

0 2 4 6 8 10 12 14 16 18 20M

N

groundink. landscape architecture · design visuals

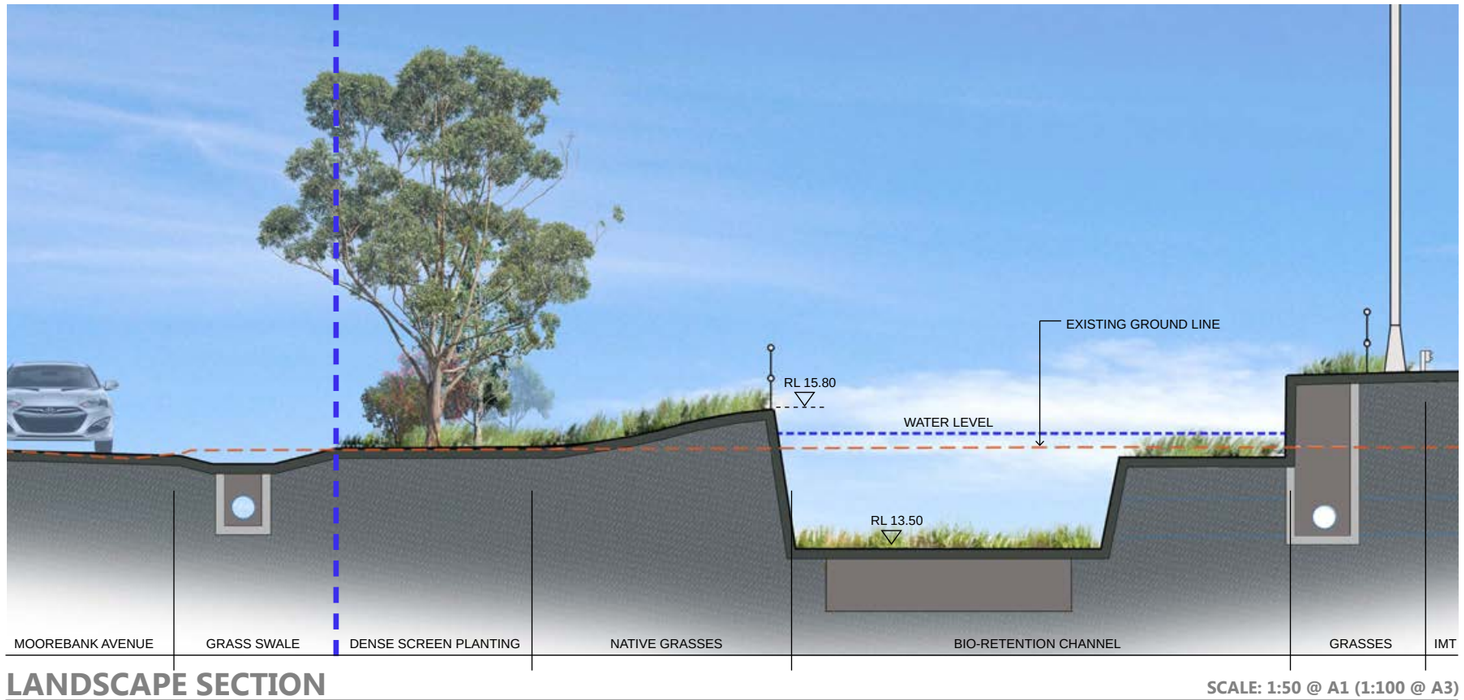
© Ground Ink Pty Ltd ABN 55 163 025 45 L1/722 Bourke Street, Redfern East, NSW 2016



LANDSCAPE PLAN

SCALE: 1:200 @ A1 (1:400 @ A3)

0 2 4 6 8 10 12 14 16 18 20M



LANDSCAPE SECTION

SCALE: 1:50 @ A1 (1:100 @ A3)

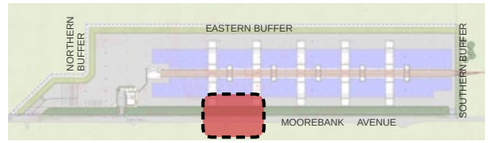
INDICATIVE PLANT SCHEDULE

BOTANICAL NAME	COMMON NAME
Trees	
Acmena smithii	Lilly-pilly
Allocasuarina littoralis	Black She-Oak
Angophora bakeri	Narrow-leaved Apple
Angophora floribunda	Rough-barked Apple
Angophora subvelutina	Broad-leaved Apple
Casuarina glauca	Swamp Oak, Swamp She-oak
Corymbia eximia	Yellow Bloodwood
Corymbia maculata	Spotted Gum
Eucalyptus amplifolia	Cabbage Gum
Eucalyptus crebra	Narrow-leaved Ironbark
Eucalyptus fibrosa	Red Ironbark
Eucalyptus longifolia	Woollybutt
Eucalyptus moluccana	Grey Box
Eucalyptus parramattensis	Parramatta Red Gum
Eucalyptus punctata	Grey Gum
Eucalyptus racemosa	Snappy Gum, Scribbly Gum
Eucalyptus sclerophylla	Hard-leaved Scribbly Gum
Eucalyptus sideroxylon	Mugga, Red Ironbark
Eucalyptus tereticornis	Forest Red Gum
Melaleuca decora	White Cloud Tree
Melaleuca linariifolia	Flax-leaved Paperbark
Shrubs	
Acacia brownii	Golden Prickly Moses
Acacia decurrens	Black Wattle
Acacia falcata	Sickle Wattle
Acacia floribunda	White Sally
Acacia parramattensis	Parramatta Green Wattle
Bossiaea heterophylla	Variable Bossiaea
Bossiaea scolopendria	
Breynia oblongifolia	Coffee Bush
Bursaria spinosa	Boxthorn
Callistemon citrinus	Scarlet Bottlebrush
Callistemon linearis	Narrow-leaved Bottlebrush
Callistemon salignus	White Bottlebrush, Pink-tips
Daviesia ulicifolia	Gorse Bitter-pea
Dillwynia parvifolia	
Hakea dactyloides	Finger Hakea
Hakea salicifolia	Willow Hakea
Hakea sericea	Needlebush, Silky Hakea
Hakea teretifolia	Needlebush, Dagger Hakea
Kunzea ambigua	Tick-bush
Leptospermum polygalifolium	Tantoon
Leptospermum trinervium	Slender Tea-tree
Melaleuca armillaris	Bracelet Honey-myrtle
Melaleuca erubescens	
Melaleuca nodosa	Ball Honey-myrtle
Melaleuca thymifolia	Thyme Honey-myrtle
Notelaea longifolia	Mock-olive
Philotheca salsolifolia	Philotheca
Pittosporum undulatum	Pittosporum
Pultenaea retusa	Notched Bush-pea
Pultenaea tuberculata	
Pultenaea villosa	Hairy Bush-pea
Groundcovers	
Austrodanthonia fulva	Wallaby Grass
Billardiera scandens	Hairy Apple Berry
Dampiera stricta	Blue Dampiera
Dianella caerulea	Blue Flax-lily
Dianella revoluta	Blue Flax-lily, Spreading Flax-lily
Dichondra repens	Kidney-weed, Mercury Bay Weed
Hardenbergia violacea	False Sarsaparilla
Imperata cylindrica	Blady Grass
Lomandra longifolia	Spiny-headed Mat-rush
Microlaena stipoides	Weeping Grass, Meadow Rice-grass
Themeda australis	Kangaroo Grass

BIO-RETENTION CHANNEL

BOTANICAL NAME	COMMON NAME
Groundcovers	
Baumea articulata	Jointed Twig-rush
Bolboschoenus fluviatilis	Club-rush
Carex appressa	Tall Sedge
Carex breviculmis	
Dampiera stricta	Blue Dampiera
Dichondra repens	Kidney-weed, Mercury Bay Weed
Gahnia clarkei	Tall Saw-sedge
Goodenia hederacea	Ivy Goodenia
Hemarthria uncinata	Mat Grass
Isolepis inundata	Water Club-rush
Juncus continuus	Rush
Juncus prismatocarpus	Branching Rush
Juncus usitatus	Common Rush
Laxmannia gracilis	Slender Wire Lily
Leptocarpus tenax	
Lepyrodia scariosa	
Microlaena stipoides	Weeping Grass, Meadow Rice-grass
Philydrum lanuginosum	Woolly Waterlily, Frogmouth
Schoenus apogon	Fluke Bog-rush, Common Bog-rush

KEY PLAN



LEGEND

- EXISTING TREES TO BE REMOVED
  NOTE: EXISTING TREES WILL BE RETAINED WHERE REASONABLE, FEASIBLE AND PRACTICAL TO DO SO
- STAGE 1 OPERATIONAL BOUNDARY
- FENCE LINE
- EXISTING GROUND LINE
- + EX 15.32 EXISTING SPOT LEVEL
- + RL 15.80 PROPOSED SPOT LEVEL
- 1 NEW MIXED SCREEN PLANTING ADJACENT TO BOUNDARY CONSISTING OF NATIVE TREES, SHRUBS AND GRASSES.
- 2 BORDER OF SMALLER TREES TO ENCLOSE ENTRANCE PLANTING AREA AND FRAME LARGE TREES
- 3 LARGE ENTRY TREE PLANTING TO DISTINGUISH MAIN ENTRANCE TO TERMINAL FACILITY

DESIGN STATEMENT

THE LANDSCAPE OF THE MOOREBANK AVENUE FRONTAGE PROVIDES A DENSE VISUAL SCREEN TO THE SIMTA STAGE 1 SITE FROM THE ROADWAY WHILE REINFORCING THE IDENTITY OF THE AREA WITH THE USE OF LOCAL PLANTINGS.

INTEGRATED INTO THE LANDSCAPE IS A BIORETENTION CHANNEL THAT WILL BE COLLECTING AND HOLDING SITE STORMWATER. WATER TREATMENT IS TO BE FACILITATED IN THIS BIO-RETENTION CHANNEL WITH THE PLANTINGS OF SUITABLE WETLAND PLANTS.

ALL PLANTING IS TO BE INFORMAL, WITH GROUPS OF TREES, SHRUBS AND SWATHES OF GROUNDCOVERS. THIS WILL SERVE TO ENHANCE THE NATURAL CHARACTERISTICS OF THE LANDSCAPE. A HIGH DIVERSITY OF SPECIES WILL HELP TO INTEGRATE THE SITE INTO THE SURROUNDING AREA.

PLANT IMAGES

Eucalyptus sideroxylon

Eucalyptus tereticonis

Melaleuca nodosa

Hardenbergia violacea

Rev	Date	Description	Initial	Checked
A	30.03.2015	For Development Application	KM	RL

FOR DEVELOPMENT APPLICATION

Moorebank Avenue Landscape Plan

Drawing LA04 30.3.2015

Project: **SIMTA INTERMODAL TERMINAL FACILITY** Stage 1 EIS Application, Moorebank, NSW

Project Number: 20141029

Client: **SIMTA**

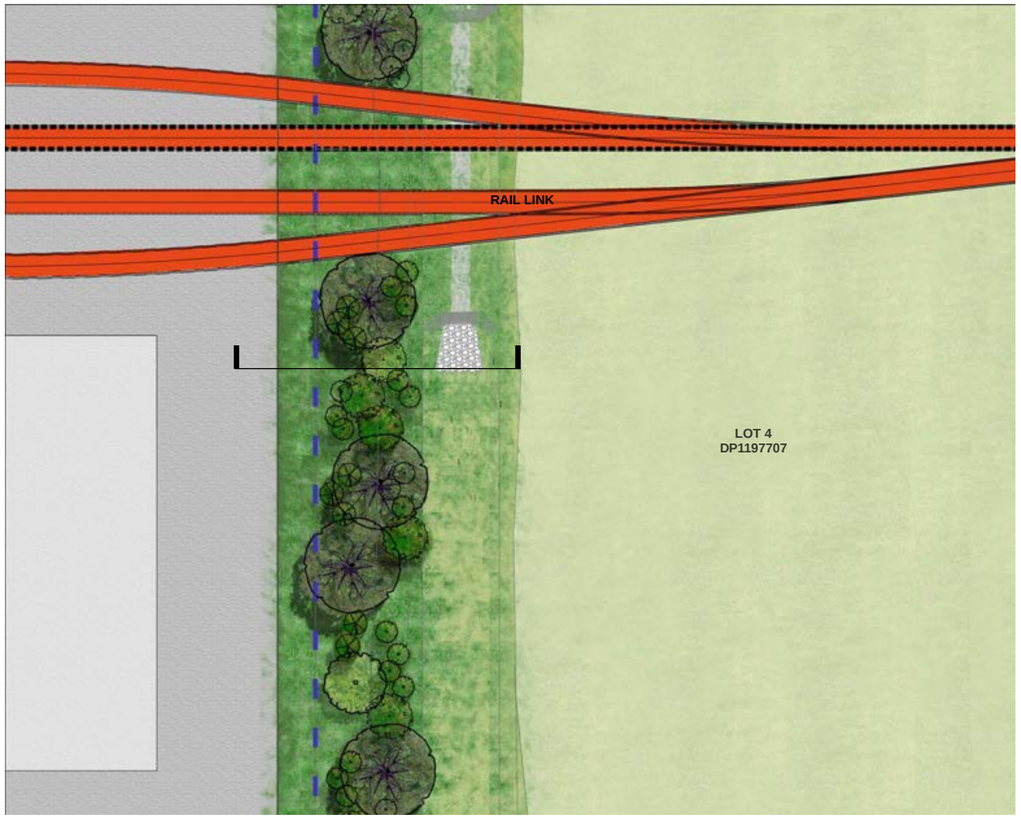
Architect: **Reid Campbell**

Project Manager: **Tactical Group**

Scale: AS SHOWN

groundink. landscape architecture · design visuals

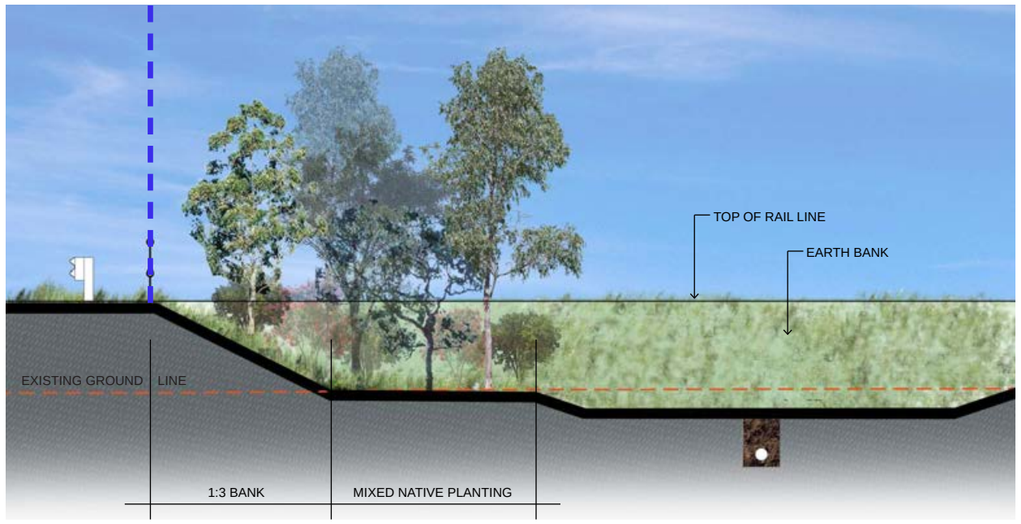
© Ground Ink Pty Ltd ABN 55 163 025 45 L1/722 Bourke Street, Redfern East, NSW 2016



LANDSCAPE PLAN

SCALE: 1:200 @ A1 (1:400 @ A3)

0 2 4 6 8 10 12 14 16 18 20M



LANDSCAPE SECTION

SCALE: 1:50 @ A1 (1:100 @ A3)

INDICATIVE PLANT SCHEDULE

BOTANICAL NAME	COMMON NAME
Trees	
Acmena smithii	Lilly-pilly
Allocasuarina littoralis	Black She-Oak
Angophora bakeri	Narrow-leaved Apple
Angophora floribunda	Rough-barked Apple
Angophora subvelutina	Broad-leaved Apple
Casuarina glauca	Swamp Oak, Swamp She-oak
Corymbia eximia	Yellow Bloodwood
Corymbia maculata	Spotted Gum
Eucalyptus amplifolia	Cabbage Gum
Eucalyptus crebra	Narrow-leaved Ironbark
Eucalyptus fibrosa	Red Ironbark
Eucalyptus longifolia	Woollybutt
Eucalyptus moluccana	Grey Box
Eucalyptus parramattensis	Parramatta Red Gum
Eucalyptus punctata	Grey Gum
Eucalyptus racemosa	Snappy Gum, Scribbly Gum
Eucalyptus sclerophylla	Hard-leaved Scribbly Gum
Eucalyptus sideroxylon	Mugga, Red Ironbark
Eucalyptus tereticornis	Forest Red Gum
Melaleuca decora	White Cloud Tree
Melaleuca linariifolia	Flax-leaved Paperbark
Shrubs	
Acacia brownii	Golden Prickly Moses
Acacia decurrens	Black Wattle
Acacia falcata	Sickle Wattle
Acacia floribunda	White Sally
Acacia parramattensis	Parramatta Green Wattle
Bossiaea heterophylla	Variable Bossiaea
Bossiaea scolopendria	
Breynia oblongifolia	Coffee Bush
Bursaria spinosa	Boxthorn
Callistemon citrinus	Scarlet Bottlebrush
Callistemon linearis	Narrow-leaved Bottlebrush
Callistemon salignus	White Bottlebrush, Pink-tips
Daviesia ulicifolia	Gorse Bitter-pea
Dillwynia parvifolia	
Hakea dactyloides	Finger Hakea
Hakea salicifolia	Willow Hakea
Hakea sericea	Needlebush, Silky Hakea
Hakea teretifolia	Needlebush, Dagger Hakea
Kunzea ambigua	Tick-bush
Leptospermum polygalifolium	Tantoon
Leptospermum trinervium	Slender Tea-tree
Melaleuca armillaris	Bracelet Honey-myrtle
Melaleuca erubescens	
Melaleuca nodosa	Ball Honey-myrtle
Melaleuca thymifolia	Thyme Honey-myrtle
Notelaea longifolia	Mock-olive
Philotheca salsolifolia	Philotheca
Pittosporum undulatum	Pittosporum
Pultenaea retusa	Notched Bush-pea
Pultenaea tuberculata	
Pultenaea villosa	Hairy Bush-pea
Groundcovers	
Austrodanthonia fulva	Wallaby Grass
Billardiera scandens	Hairy Apple Berry
Dampiera stricta	Blue Dampiera
Dianella caerulea	Blue Flax-lily
Dianella revoluta	Blue Flax-lily, Spreading Flax-lily
Dichondra repens	Kidney-weed, Mercury Bay Weed
Hardenbergia violacea	False Sarsaparilla
Imperata cylindrica	Blady Grass
Lomandra longifolia	Spiny-headed Mat-rush
Microlaena stipoides	Weeping Grass, Meadow Rice-grass
Themeda australis	Kangaroo Grass

PLANT IMAGES

Angophora floribunda

Callistemon citrinus

Corymbia maculata

Eucalyptus sideroxylon

Eucalyptus tereticonis

Melaleuca decora

Melaleuca linarifolia

Acacia decurrens

Acacia floribunda

Callistemon citrinus

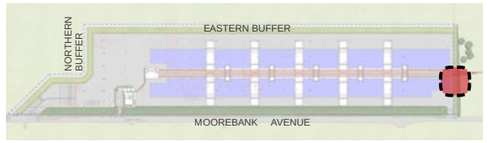
Imperata Cylindrica

Kunzea ambigua

Melaleuca armillaris

Hardenbergia violacea

KEY PLAN



LEGEND

EXISTING TREES TO BE REMOVED
NOTE: EXISTING TREES WILL BE RETAINED WHERE REASONABLE, FEASIBLE AND PRACTICAL TO DO SO

STAGE 1 OPERATIONAL BOUNDARY

FENCE LINE

EXISTING GROUND LINE

+ EX 15.32 EXISTING SPOT LEVEL

+ RL 15.80 PROPOSED SPOT LEVEL

1 NEW MIXED SCREEN PLANTING ADJACENT TO BOUNDARY CONSISTING OF NATIVE TREES, SHRUBS AND GRASSES.

2 BORDER OF SMALLER TREES TO ENCLOSE ENTRANCE PLANTING AREA AND FRAME LARGE TREES

3 LARGE ENTRY TREE PLANTING TO DISTINGUISH MAIN ENTRANCE TO TERMINAL FACILITY

DESIGN STATEMENT

THE SOUTHERN BUFFER LANDSCAPE CONNECTS THE SIMTA STAGE 1 SITE WITH THE GREATER LANDSCAPE. THE BUFFER PROVIDES SEPARATION BETWEEN THE NEW SITE OPERATIONAL AREA AND EXISTING SENSITIVE VEGETATION AREAS. IT IS ALSO TO PROVIDE A BIOLOGICAL CONNECTION BETWEEN THE SITE AND ITS GREATER LANDSCAPE CONTEXT.

ALL PLANTING IS TO BE INFORMAL, WITH GROUPS OF TREES, SHRUBS AND SWATHES OF GROUNDCOVERS. THIS WILL SERVE TO ENHANCE THE NATURAL CHARACTERISTICS OF THE LANDSCAPE. A HIGH DIVERSITY OF SPECIES WILL HELP TO INTEGRATE THE SITE INTO THE SURROUNDING AREA.

Rev	Date	Description	Initial	Checked
A	30.03.2015	For Development Application	KM	RL

FOR DEVELOPMENT APPLICATION

Southern Buffer Landscape Plan

Drawing LA05 30.3.2015

Project: **SIMTA INTERMODAL TERMINAL FACILITY** Stage 1 EIS Application, Moorebank, NSW

Project Number: 20141029

Client **SIMTA**

Architect **Reid Campbell**

Project Manager: **Tactical Group**

Scale: AS SHOWN

groundink. landscape architecture · design visuals

© Ground Ink Pty Ltd ABN 55 163 025 45 L1/722 Bourke Street, Redfern East, NSW 2016

LANDSCAPE SECTION

SCALE: 1:50 @ A1 (1:100 @ A3)

PLANT IMAGES

Aristida ramosa

Austrostipa ramosissima

Dianella caerulea

Dichondra repens

Eragrostis leptostachya

Goodenia hederacea

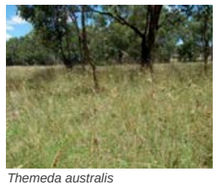
Imperata Cylindrica

Lepidosperma laterale

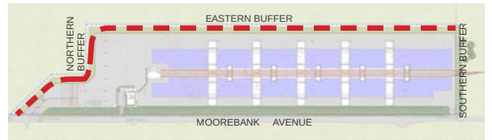
Lomandra cylindrica

Lomandra longifolia

Microlaena stipoides


Themeda australis

KEY PLAN



LEGEND

STAGE 1 OPERATIONAL BOUNDARY

EXISTING GROUND LINE

1. NEW MIXED SCREEN PLANTING ADJACENT TO BOUNDARY CONSISTING OF NATIVE TREES, SHRUBS AND GRASSES.
2. BORDER OF SMALLER TREES TO ENCLOSE ENTRANCE PLANTING AREA AND FRAME LARGE TREES
3. LARGE ENTRY TREE PLANTING TO DISTINGUISH MAIN ENTRANCE TO TERMINAL FACILITY

DESIGN STATEMENT

THE EASTERN & NORTHERN BUFFER IS A LANDSCAPE THAT WILL PROVIDE DRAINAGE TO THE SITE. THE BUFFER IS TO BE ESTABLISHED WITH LOCAL GRASSES AND GROUNDCOVERS. THIS WILL PROVIDE AN ECOLOGICAL CONNECTION BETWEEN THE BUFFER AND THE GREATER LANDSCAPE CONTEXT OF THE SITE.

ALL PLANTING IS TO BE INFORMAL. THIS WILL SERVE TO ENHANCE THE NATURAL CHARACTERISTICS OF THE LANDSCAPE. A HIGH DIVERSITY OF SPECIES WILL HELP TO INTEGRATE THE STAGE 1 SIMTA SITE INTO THE SURROUNDING AREA.

INDICATIVE PLANT SCHEDULE

BOTANICAL NAME	COMMON NAME
Groundcovers	
Aristida ramosa	Wiregrass
Aristida warburgii	Wiregrass
Austrodanthonia fulva	Wallaby Grass
Austrostipa pubescens	Speargrass
Austrostipa ramosissima	Bamboo Speargrass
Austrostipa rudis	
Dianella caerulea	Blue Flax-lily
Dianella revoluta	Blue Flax-lily, Spreading Flax-lily
Dichondra repens	Kidney-weed, Mercury Bay Weed
Echinopogon ovatus	Forest Hedgehog Grass
Entolasia marginata	Bordered Panic
Entolasia stricta	Wiry Panic
Eragrostis brownii	Brown's Lovegrass
Eragrostis leptostachya	Paddock Lovegrass
Goodenia hederacea	Ivy Goodenia
Imperata cylindrica	Blady Grass
Lepidosperma laterale	Variable Sword-sedge
Lomandra cylindrica	Needle Mat-rush
Lomandra longifolia	Spiny-headed Mat-rush
Lomandra multiflora	Many-flowered Mat-rush
Microlaena stipoides	Weeping Grass, Meadow Rice-grass
Themeda australis	Kangaroo Grass

Rev	Date	Description	Initial	Checked
A	30.03.2015	For Development Application	KM	RL

FOR DEVELOPMENT APPLICATION

Eastern Buffer Landscape Plan

Drawing LA06 30.3.2015

Project: **SIMTA INTERMODAL TERMINAL FACILITY** Stage 1 EIS Application, Moorebank, NSW

Project Number: 20141029

Client **SIMTA**

Architect **Reid Campbell**

Project Manager: **Tactical Group**

Scale: 1:50 @ A1 (1:100 @ A3)

groundink. landscape architecture · design visuals

© Ground Ink Pty Ltd ABN 55 163 025 45 L1/722 Bourke Street, Redfern East, NSW 2016