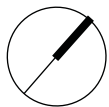






PARKVIEW PLACE -
Building A,
STAGE 1 DEVELOPMENT
Sydney Olympic Park

CLIENT: GPT Group



Client	Architect	Landscape Architect	Project	Drawing Title	Project No.	Dwg No.	Revision
					0901	LA1	
					Scale	Date	
					19.11.09		
					Dwg Status	EA Landscape Report	

GPT Group		 P.O Box 419 Cronulla NSW 2230, 95 Kingsway, Cronulla 2230 Phone (+61 2) 9527 3380, Fax (+61 2) 9527 2307, Email: sydney@turfdesign.com	EA - LANDSCAPE REPORT Parkview Place - Building A 7 Parkview Dr, Sydney Olympic Park	Cover Sheet			B
-----------	---	---	--	-------------	--	--	---



SYDNEY OLYMPIC PARK CONTEXT



EXTENSION OF GREEN FINGER #3



SITE VIEW FROM THE BRICK PIT RIM SHOWING BRUSH BOX AVENUE (TOP RIGHT CORNER)



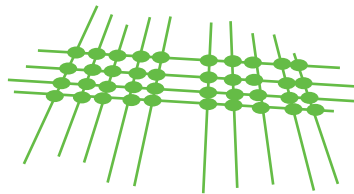
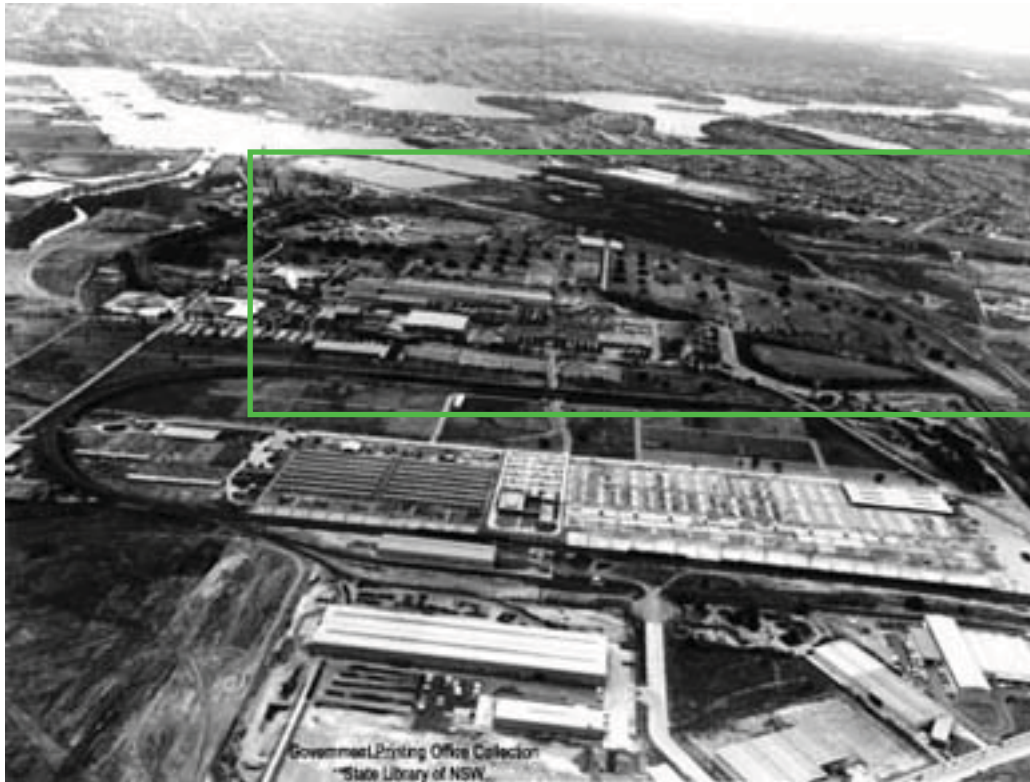
EXISTING ABATTOIR FIG



DAWN FRASER AVENUE



THE BRICK PIT MORPHOLOGY



ORIGINAL ABATTOIR STOCK HOLDING PADDOCKS. FIG TREES WERE PLANTED AT THE CENTRE OF EACH PADDOCK TO PROVIDE SHADE FOR STOCK.

HISTORICAL VIEW OF THE SITE



REMNANT STOCKYARD FIGS ON SITE



WORKING BRICK PIT



THE PROTECTED GREEN & GOLD BELL FROG

Cultural Context

The relationship of the former abattoir and brickpit is fundamental to the cultural history and heritage of the site. The Brickpit remains as an artifact of the previous brick manufacturing on the site. Site cues of the abattoir also remain through vegetation remnants which marked the old stock holding paddocks. A pattern which continues to be a significant determinant to the urban pattern of SOP.

The proposed landscape works will :

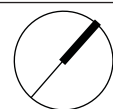
- Interpret the character and materiality of the brickpit through pavement types, material and tones indicative of the Brickpit's geological strata.
- Draw on the 'borrowed landscape' through site vistas and connections which will stitch the site into its broader context while allowing the context to permeate into the site.

Environmental Context

The site resides on the eastern slope of the brickpit (essentially a knoll with a crater dug into its centre). The geology comprises Ashfield Shale (part of the Wianamatta group), twenty metres thick overlying the Hawkesbury Sandstone outcrops.

The Cumberland Plain Woodland vegetation community has evolved on this shale with extensive remnants still present within Millennium Parklands. The site overlooks the estuarine mangrove communities within Bicentennial Park.

The Brickpit remains a habitat for the endangered Green and Gold Bell Frog.



Client

GPT Group

Architect

TURNER+ASSOCIATES

Landscape Architect

turf

P.O. Box 419 Cronulla NSW 2230, 95 Kingsway, Cronulla 2230
Phone (+61 2) 9527 3380, Fax (+61 2) 9527 2307,
Email: sydney@turfdesign.com

Project

EA - LANDSCAPE REPORT
Parkview Place - Building A
7 Parkview Dr, Sydney Olympic Park

Drawing Title

Site Context 2

Project No.

0901

Dwg No.

LA3

Scale

Date

19.11.09

Dwg Status

EA Landscape Report

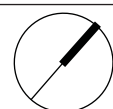
Revision

B



LEGEND

- Extent of proposed stage 1 development
- Lawn
- Mass planting
- Rain gardens
- 'The Creek' water feature
- Plaza pavement
- Timber decks
- Jacaranda & Manchurian Pear avenue
- Paddock Park Fig tree
- 1 Brick Pit
- 2 Bicentennial Park
- 3 Brick Rim Park
- 4 Additional pathways
- 5 The 'Cutting' (Final layout)
- 6 Park Links
- 7 Green Finger #3
- 8 Paddock Park
- 9 Existing Brush Box avenue to remain
- 10 Residential 'Commons'
- 11 Retain and enhance Bennelong Rd frontage



Client

GPT Group

Architect

TURNER+ASSOCIATES

Landscape Architect

turf

P.O. Box 419 Cronulla NSW 2230, 95 Kingsway, Cronulla 2230
Phone (+61 2) 9527 3380, Fax (+61 2) 9527 2307,
Email: sydney@turfdesign.com

Project

EA - LANDSCAPE REPORT
Parkview Place - Building A
7 Parkview Dr, Sydney Olympic Park

Drawing Title

Indicative Landscape
Master Plan

Project No.

0901

Dwg No.

LA4

Scale

1-1000 @ A3

Date

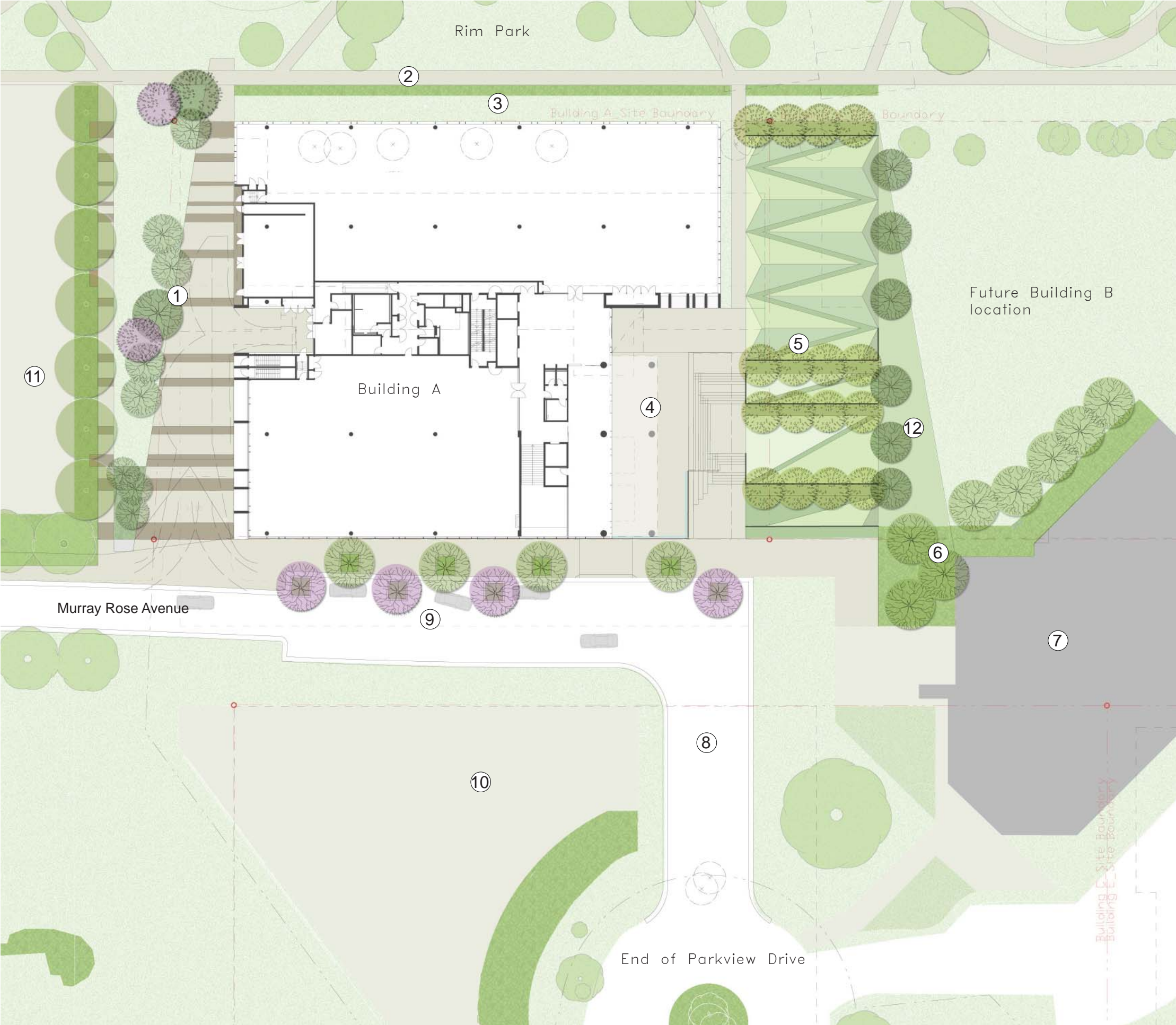
19.11.09

Dwg Status

EA Landscape Report

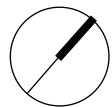
Revision

B



7 Parkview Drive Landscape Plan

- 1 Park Link
- 2 Future Rim Park path
- 3 5m emergency vehicle zone
- 4 Cafe area
- 5 The Cutting interim landscape
- 6 Planting to screen existing building
- 7 Samsung warehouse reconfigured. Two storey office building to remain
- 8 New temporary road
- 9 Murray Rose Streetscape
- 10 Existing parking area
- 11 Existing carpark
- 12 Feather new works into existing open grass land



Client

GPT Group

Architect

TURNER+ASSOCIATES

Landscape Architect

turf

P.O. Box 419 Cronulla NSW 2230, 95 Kingsway, Cronulla 2230
Phone (+61 2) 9527 3380, Fax (+61 2) 9527 2307,
Email: sydney@turfdesign.com

Project

EA - LANDSCAPE REPORT
Parkview Place - Building A
7 Parkview Dr, Sydney Olympic Park

Drawing Title

Building A
Landscape Plan

Project No.

0901

Dwg No.

LA5

Revision

C

Scale

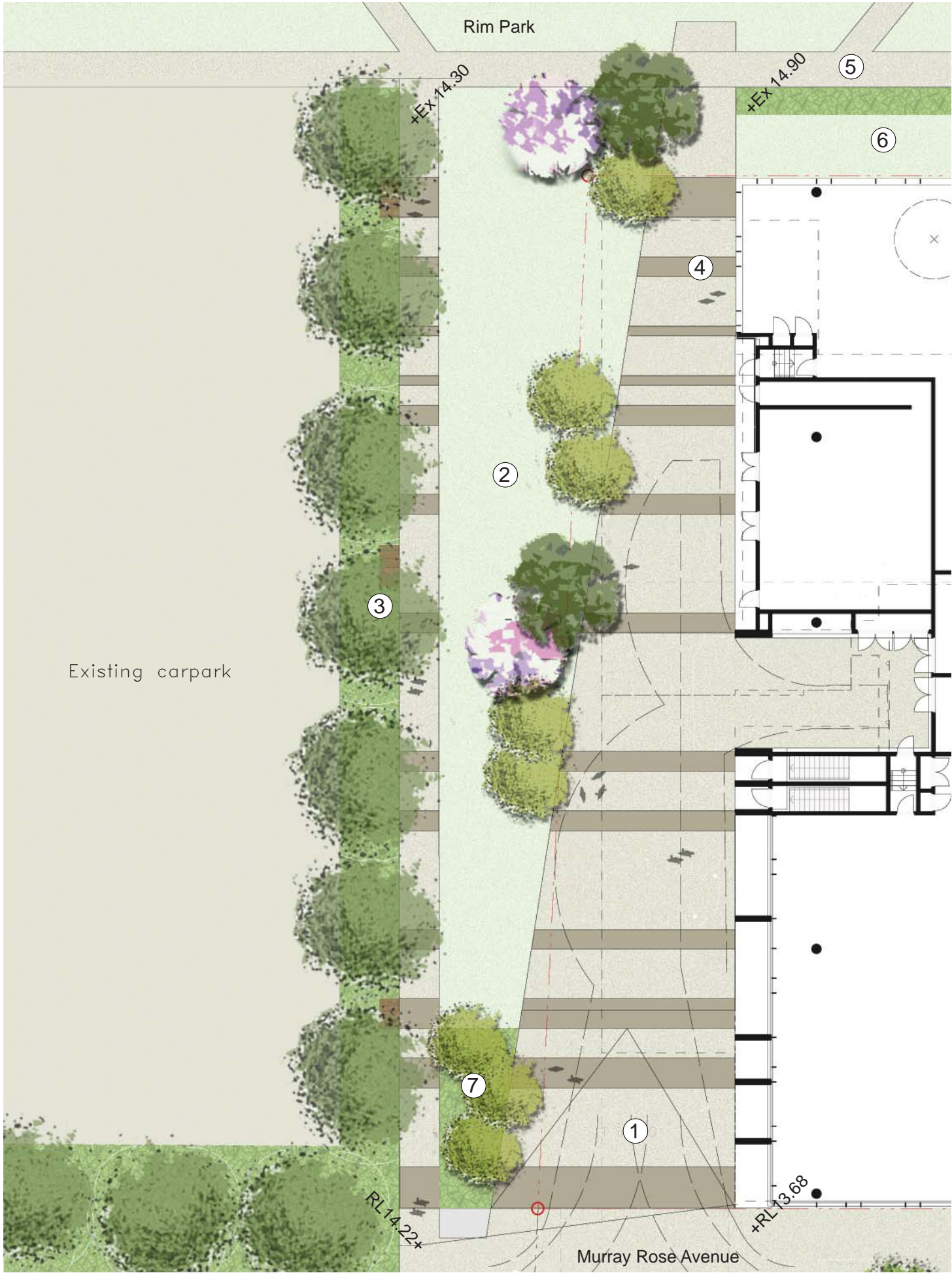
1-500 @ A3

Date

28.04.10

Dwg Status

EA Landscape Report



Parkview Place - Park Link

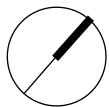
The Park Link provides a link between Rim Park and Murray Rose Drive.

It is partially underpinned by basement parking of building A. Hardstand space is also required as the space will operate to service the more functional requirements of the building, such as service vehicle access and loading. The hardstand will primarily occupy the space over the basement.

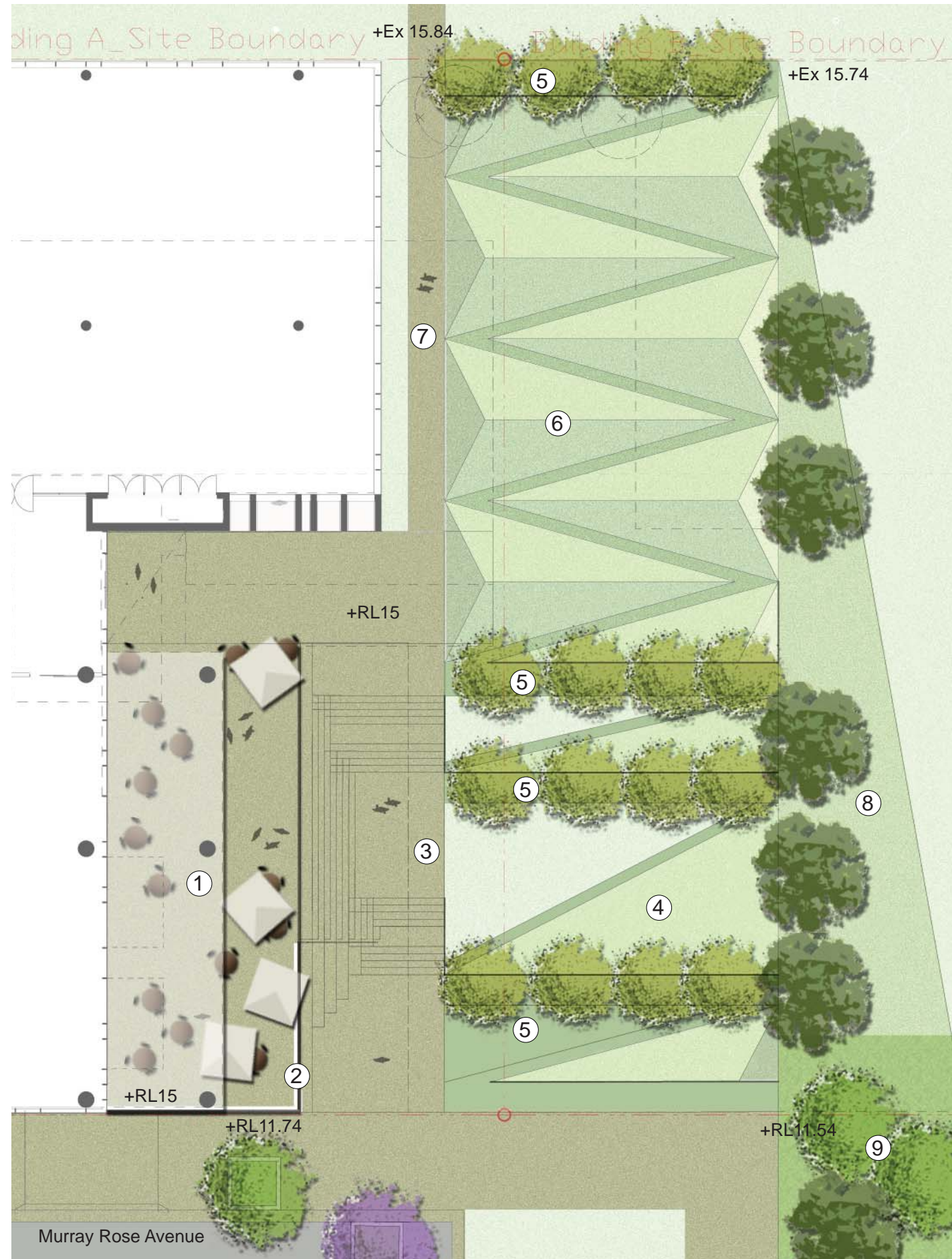
Additionally, pedestrian access will be provided for through-site links. The design approach is to create a 'garden square' with an integrated mix of pavement, lawn, garden, trees, and urban furniture.

The grades of the Park Link are such that universal access can be easily achieved up into Rim Park.

- 1 Plaza - Shared vehicle and pedestrian zone. Exposed aggregate concrete in two tones
- 2 Lawn
- 3 Planting zone with intermittent bench seating
- 4 Emergency vehicle access to Rim Park
- 5 Future Rim Park pathway
- 6 5m emergency vehicle zone
- 7 Bio swale garden
- 8 Park Entry seating element



Client	Architect	Landscape Architect	Project	Drawing Title	Project No.	Dwg No.	Revision
					0901	LA6	
					Scale	Date	
					1-250 @ A3	28.04.10	
					Dwg Status		
					EA Landscape Report		



- 1 Cafe area
- 2 Cafe glazed screen
- 3 Extension of main stairflights
- 4 Landform landscape
- 5 Bio swale / gravel
- 6 Zigzag landscape. Bioswale linking Rim Park with Murray Rose Ave trunk drainage
- 7 Connection to Rim Park
- 8 Feather new works into existing open grass land
- 9 Planting to screen existing building

Parkview Place - The Cutting (Interim landscape works)

The cutting is the main arrival space for Building A and also provides pedestrian link to the Brickpit Rim.

The proposed design is an interim treatment until Building B is constructed. The broad terraces, steps and ramps shown in the site Master Plan have inspired the interim landscape.

The proposal uses landform to modulate the space from east to west boundaries.

A linear bio swales traverses the space diagonally and captures overland flow from Rim Park and feeds into Murray Rose Drive drainage. Planting will consist of native grasses, sedges and rushes and Eucalypt plantings.



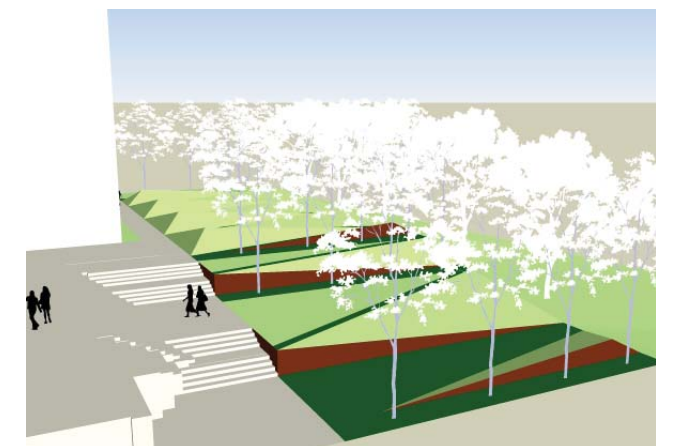
3d view looking north



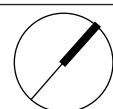
3d view looking south east



3d view looking west



Aerial view looking north



Client

GPT Group

Architect

TURNER+ASSOCIATES

Landscape Architect

turf

P.O. Box 419 Cronulla NSW 2230, 95 Kingsway, Cronulla 2230
Phone (+61 2) 9527 3380, Fax (+61 2) 9527 2307,
Email: sydney@turfdesign.com

Project

EA - LANDSCAPE REPORT
Parkview Place - Building A
7 Parkview Dr, Sydney Olympic Park

Drawing Title

The Cutting

Project No.

0901

Dwg No.

LA7

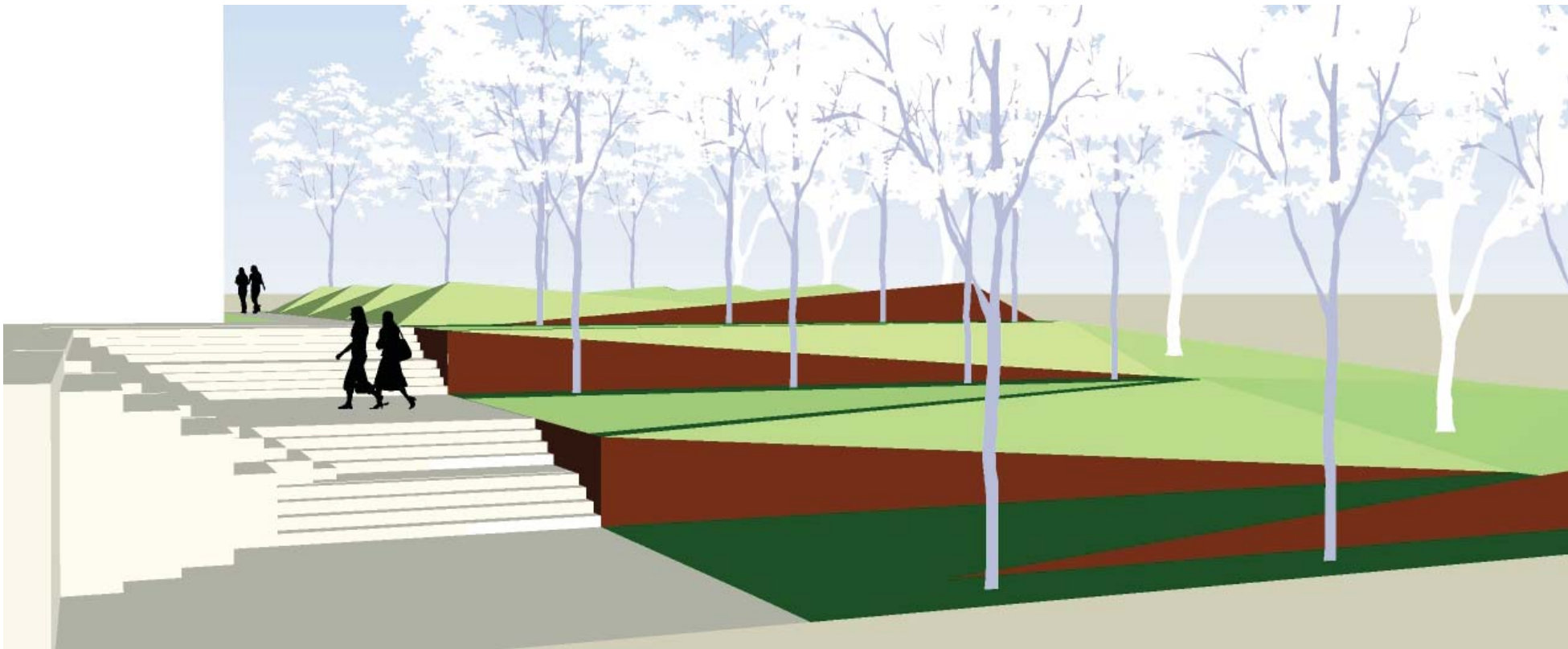
Scale 1:250 @ A3

Date 19.11.09

Dwg Status EA Landscape Report

Revision

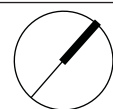
B



3d view looking north



3d view looking north west



Client

GPT Group

Architect

TURNER+ASSOCIATES

Landscape Architect

turf

P.O. Box 419 Cronulla NSW 2230, 95 Kingsway, Cronulla 2230
Phone (+61 2) 9527 3380, Fax (+61 2) 9527 2307,
Email: sydney@turfdesign.com

Project

EA - LANDSCAPE REPORT
Parkview Place - Building A
7 Parkview Dr, Sydney Olympic Park

Drawing Title

**The Cutting
3D images**

Project No.

0901

Dwg No.

LA8

Revision

B

Scale

Date

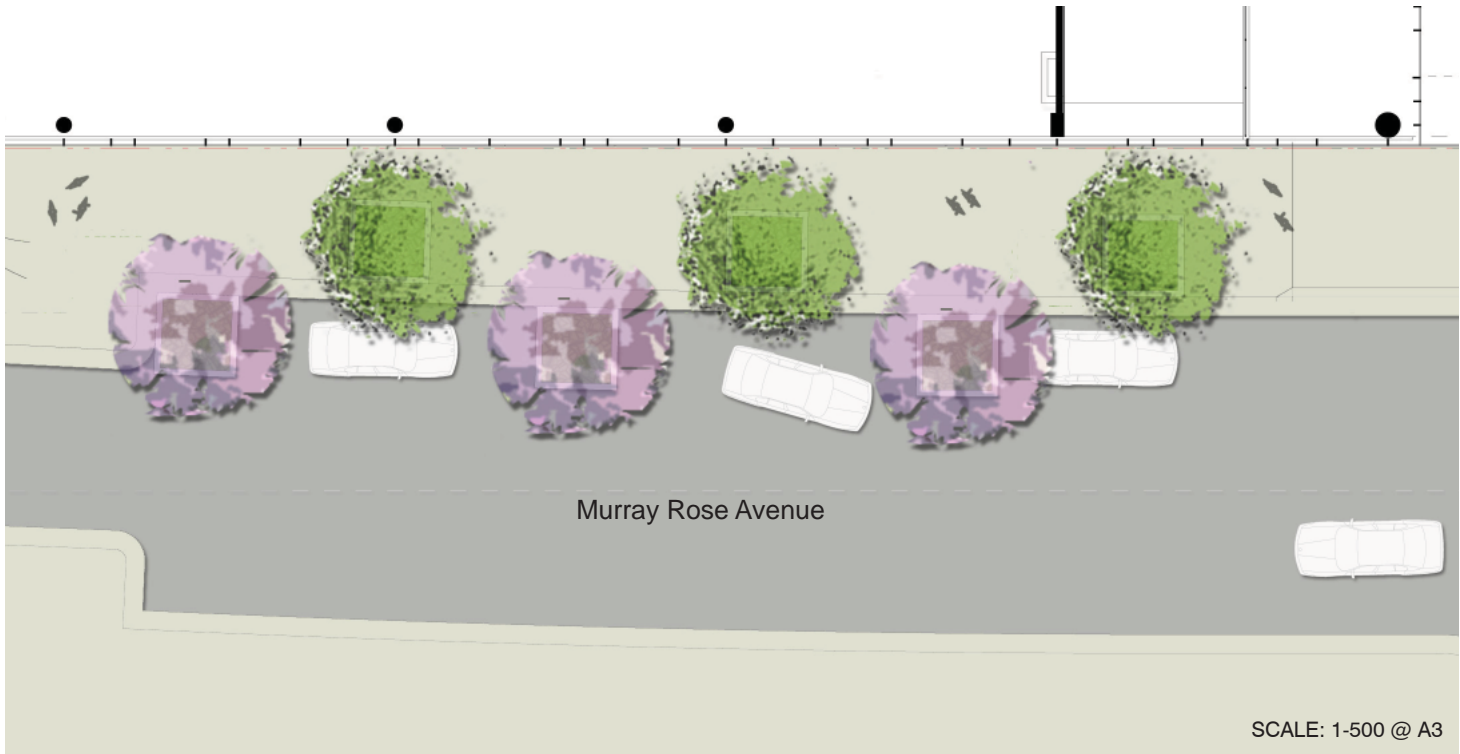
19.11.09

Dwg Status

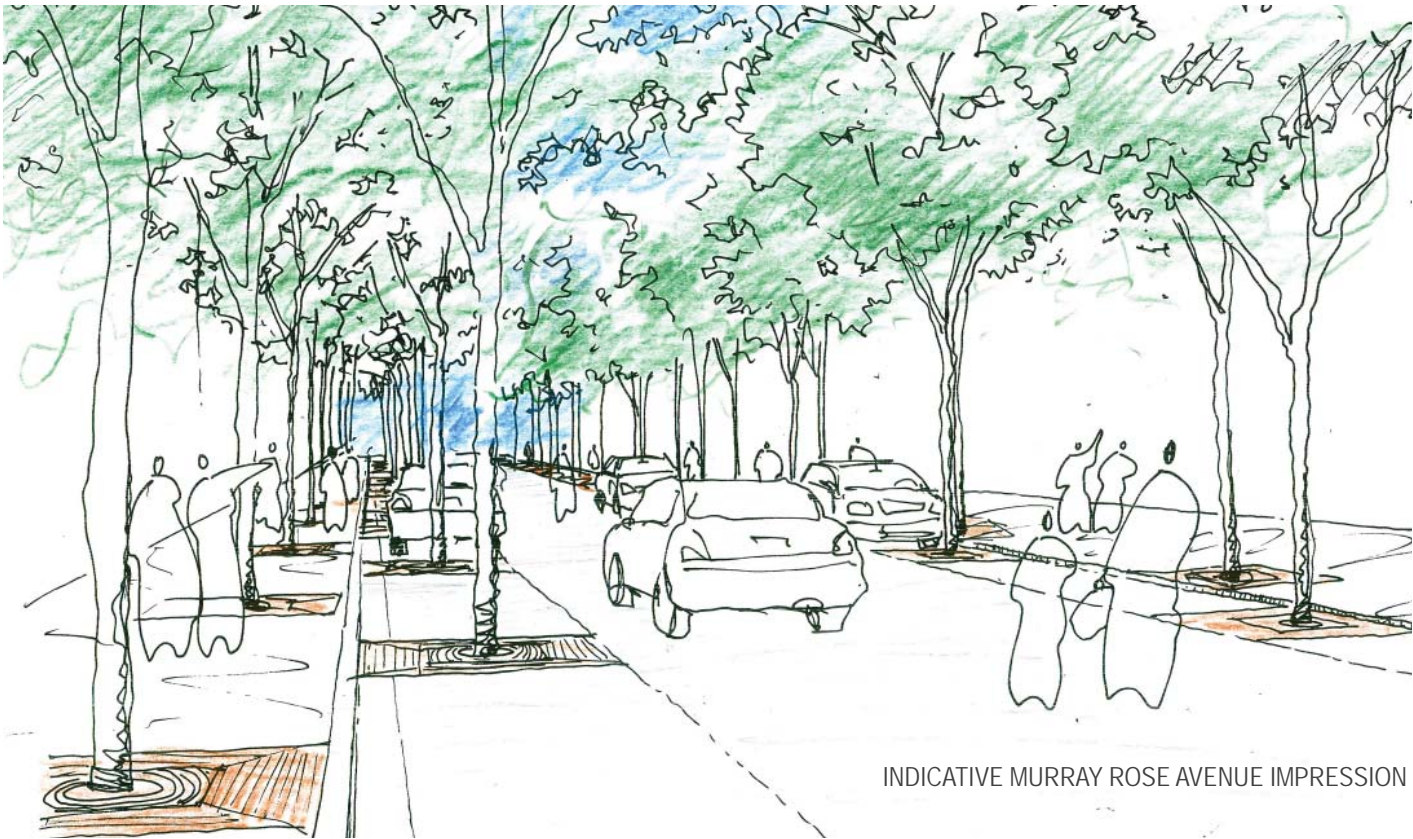
EA Landscape Report



MASTERPLAN - INDICATIVE STREET TREE LAYOUT



STAGE 1 MURRAY ROSE AVENUE DETAIL PLAN



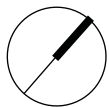
INDICATIVE MURRAY ROSE AVENUE IMPRESSION

Murray Rose Avenue - Green Finger #3 extension

The extension eastward of Murray Rose and Dawn Fraser Avenues enables continuation of 'Green Finger 3' (as first defined in the 1996 Master Concept Design) - a broad unified treatment of paving and trees connecting Olympic Plaza to Bicentennial Park.

Urban elements include:

- continuation of grey honed trihex paving as primary paving material on southern side of Murray Rose.
- continuation of bitumen paving on northern footpath of Murray Rose.
- continuation of Jacarandas (located in parking zone) and Manchurian Pear.
- incorporation of existing Brushbox (an old abattoir stock route) within Murray Rose Avenue.
- Light and street furniture to SOPA requirements



Client	Architect	Landscape Architect	Project	Drawing Title	Project No.	Dwg No.	Revision
GPT Group	TURNER+ASSOCIATES	turf P.O. Box 419 Cronulla NSW 2230, 95 Kingsway, Cronulla 2230 Phone (+61 2) 9527 3380, Fax (+61 2) 9527 2307, Email: sydney@turfdesign.com	EA - LANDSCAPE REPORT Parkview Place - Building A 7 Parkview Dr, Sydney Olympic Park	Murray Rose Avenue	0901	LA9	B
					Scale	Date	
					Dwg Status	EA Landscape Report	

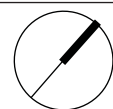


Rim Park

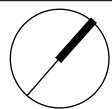
The relationship of the built edge to the Brickpit is critical. The Pit is a place of strange and rugged beauty. The Rim is a new parkland space that mediates between the urban and natural in a sensitive yet firm embrace.

Minor revisions to the park access is proposed with an expansion in the path hierarchy to include a new continuous path located 5m from the building line. This new path provides a positive line of movement along the building frontage with new cross connections to the main park path at appropriate locations to take advantage of park amenities and facilities.

RIM PARK INTERFACE TYPICAL SECTION



Client	Architect	Landscape Architect	Project	Drawing Title	Project No.	Dwg No.	Revision
GPT Group	TURNER+ASSOCIATES	turf P.O. Box 419 Cronulla NSW 2230, 95 Kingsway, Cronulla 2230 Phone (+61 2) 9527 3380, Fax (+61 2) 9527 2307, Email: sydney@turfdesign.com	EA - LANDSCAPE REPORT Parkview Place - Building A 7 Parkview Dr, Sydney Olympic Park	Rim Park Interface	0901	LA10	C
					Scale: 1:100 A3	Date: 28.04.10	
					Dwg Status: EA Landscape Report		



Client

GPT Group

Architect

TURNER+ASSOCIATES

Landscape Architect

turf

P.O. Box 419 Cronulla NSW 2230, 95 Kingsway, Cronulla 2230
Phone (+61 2) 9527 3380, Fax (+61 2) 9527 2307,
Email: sydney@turfdesign.com

Project

EA - LANDSCAPE REPORT
Parkview Place - Building A
7 Parkview Dr, Sydney Olympic Park

Drawing Title

Material
Precedents

Project No.

0901

Dwg No.

LA11

Revision

B

Scale

Date

19.11.09

Dwg Status

EA Landscape Report



Soil and Fertiliser Requirements

The planting proposal recommends a high proportion of indigenous and native plant species - *Jacaranda mimosifolia* being the only exotic species recommended to maintain consistency with the Olympic Park 'Green Finger' strategy.

As a general rule Australian soils are relatively low in phosphorus and as such many native plants have adapted special mechanisms to extract the small amount of phosphorus available. Due to the high proportion of native plants in the proposal the application of fertilisers is not recommended. Additionally, imported soils will be specified to have a low nutrient content to minimise the impacts of nutrient toxicity on indigenous plants. Soil media containing mushroom compost, sewage sludges, animal manures, food wastes and worm castings will not be used. As such, the impact of nutrification on adjacent waterways will be minimised.

Should, in the long term, a maintenance supervisor determine that an application of fertiliser would benefit the health and vigour of plantings it is recommended that a special formulation for native plants be used e.g. Osmocote® PLUS for Native Gardens, with an NPK of 17:1.6:8.7. A single application in spring would be the recommended rate.

Planting Design

The sites natural vegetation community 'Cumberland Plain Woodland' features a variety of trees, shrubs, herbs, grasses, sedges and rushes. New site vegetation will comprise a mix of indigenous and exotic drought tolerant plant species interpreting the aesthetics of Cumberland Plain woodland vegetation types.

Canopy species

Species will be selected according to the following criteria:

- a) Drought tolerant,
- b) Adapted to the shale based site soils,
- c) Linked to SOPA planting strategy,
- d) Broadleaved foliage for optimal shade from summer afternoon heat.

Proposed species include:

Corymbia maculata
Jacaranda mimosifolia
Acacia binervia
Eucalyptus tereticornis
Allocasuarina torulosa
Eucalyptus crebra

Understorey species

A diverse range of understorey plants will be used to ensure a robust planting structure.

Though diverse, consideration will be given to form, colour, texture and habit to create an overall harmonious composition.

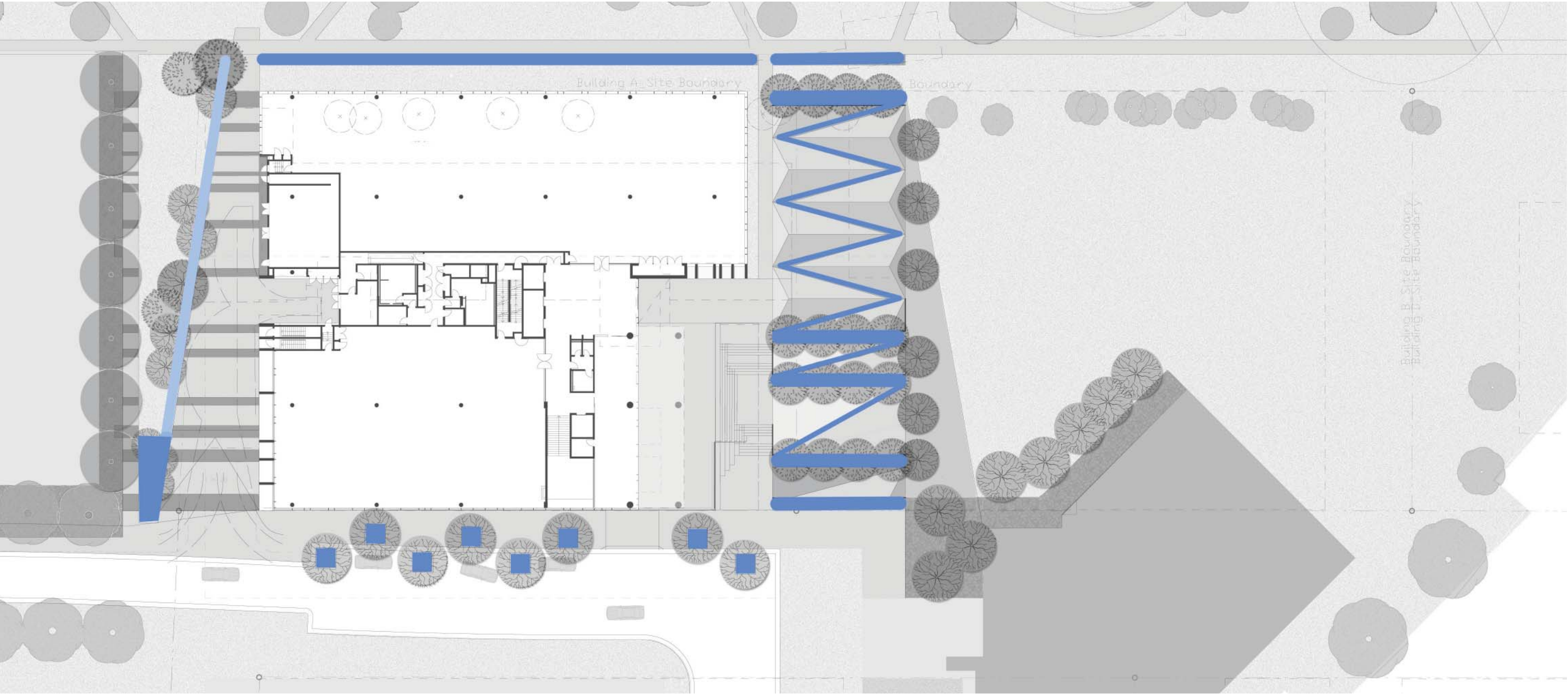
Priority will be given to yellow and white colours to complement the rich ochre tones of the Brickpit geology and golden afternoon Sydney sun.

Proposed species include:

Grevillea juniperina 'Molonglo'
Dianella 'Silver Streak'
Melaleuca incana 'Nana'
Callistemon 'White Anzac'
Melaleuca linariifolia 'Snowstorm'
Helichrysum ramosissimum
Beackea virgata 'Dwarf'
Acacia ulicifolia
Carex appressa
Goodenia ovata
Oleria microphylla
Senna odorata
Plectranthus parviflorus
Rulingia dasyphylla
Scaevola albida

Murray Rose Avenue

Jacaranda mimosifolia (within carriageway)
Corymbia maculata (footpath planting)

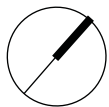




- Bio-swale in lawn
- Bio-swale in planting

Water Management Approach

A number of ‘bio-retention’ systems have been proposed across the site as part of the sites stormwater treatment train, and include grassed and vegetated swales, bio-retention tree pits and rain gardens. The anticipated effect includes:

- a) The removal of sediments,
- b) A reduction of dissolved pollutants exiting the site,
- c) Oxygenation of stormwater,
- d) Flow retardation and the minimisation of scour,
- e) Infiltration and absorption to recharge local groundwater.



Client	Architect	Landscape Architect	Project	Drawing Title	Project No.	Dwg No.	Revision		
					0901	LA13	A		
					Scale	1-500 @ A3		Date	28.04.10
					Dwg Status			EA Landscape Report	
GPT Group			 P.O Box 419 Cronulla NSW 2230, 95 Kingsway, Cronulla 2230 Phone (+61 2) 9527 3380, Fax (+61 2) 9527 2307, Email: sydney@turfdesign.com	EA - LANDSCAPE REPORT Parkview Place - Building A 7 Parkview Dr, Sydney Olympic Park	Bio-swale Plan				