



Sydney Olympic Park

3 Murray Rose Avenue

DEVELOPMENT APPLICATION

REVISION C

CLIENT: GPT Group

PROJECT MANAGER: Lend Lease

ARCHITECT: Turner Associates



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



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Project
Landscape Report
3 Murray Rose Avenue
Sydney Olympic Park

Drawing Title
SITE CONTEXT 1

Project No. 0901	Dwg No. LA2	Revision C
Scale	Date 31 August 2012	
Dwg Status	Design Application	

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 artefact 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 :

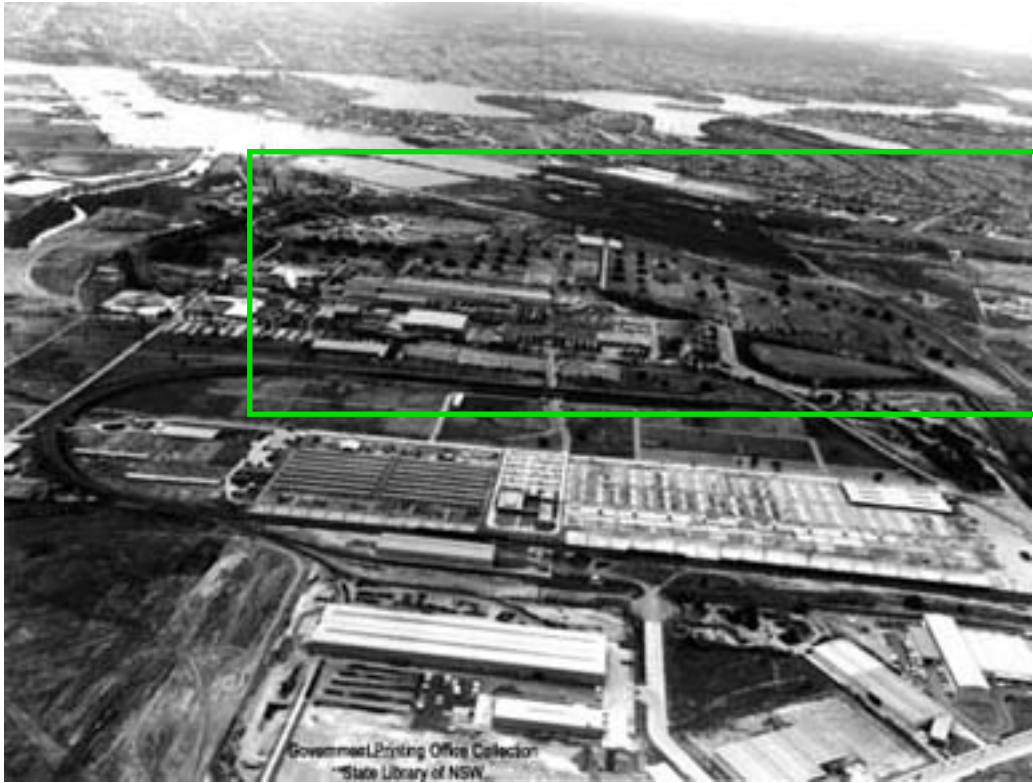
- Interpret the character and materiality of the brickpit through pavement types, material and tones indicative of the Brickpit's geological strata.
- Draw on the 'borrowed landscape' through site vistas and connections which will stitch the site into its broader context while allowing the context to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

Environmental Context

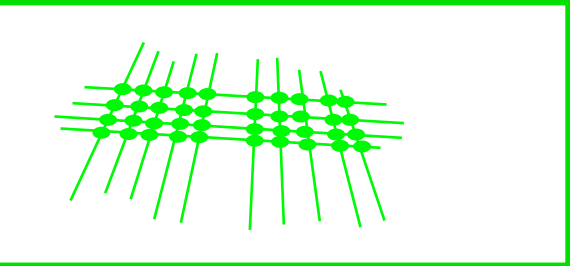
The site resides on the eastern slope of the brickpit (essentially a knoll with a crater dug into its centre). The geology comprises Ashfield Shale (part of the Wianamatta group), twenty metres thick overlying the Hawkesbury Sandstone outcrops.

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.



HISTORICAL VIEW OF THE SITE



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



REMNANT STOCKYARD FIGS ON SITE



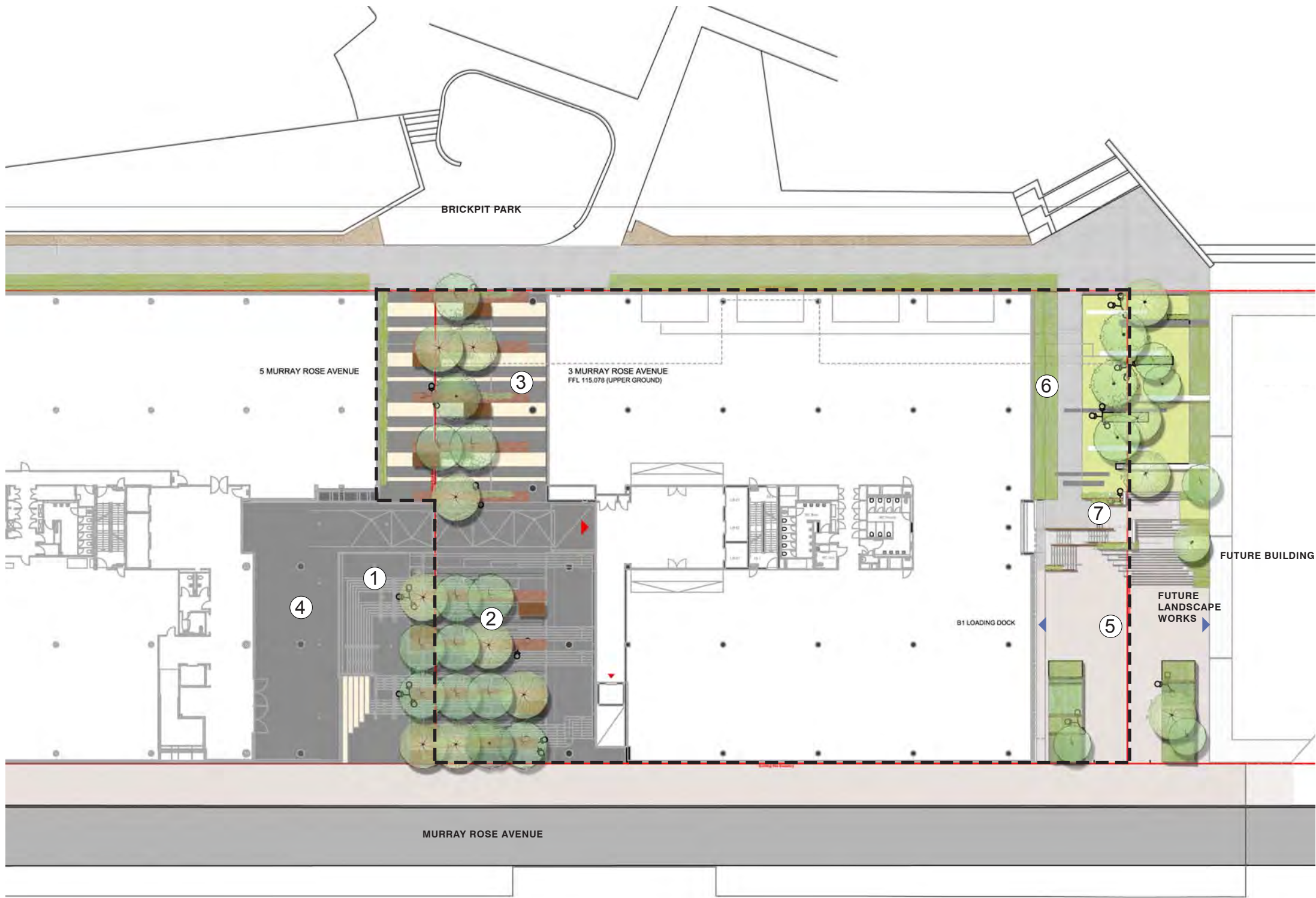
WORKING BRICK PIT



THE PROTECTED GREEN & GOLD BELL FROG

3 Murray Rose Landscape Plan

Plan is for information only.
Works will be subject of a future planning approval.



- 1 The Cutting - Existing Landscape
- 2 The Cutting - Proposed Landscape
- 3 Terrace
- 4 Cafe area
- 5 Vehicle Access
- 6 Low planting in front of facade screening
- 7 'The Chase' Stair Access to Brit Pit Park
- Extent of 3 Murray Rose works
- Recycled Crushed Brick Paving
- Hazy White Granite Paving
- Bluestone Granite Paving
- Exposed Aggregate path
- Tri Hex Paving
- Low Native Planting
- Lawn
- Bitumen Road
- Eucalypt Planting
- Multi-directional Light Pole
- Loading Dock Entry



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LANDSCAPE PLAN

Project No. 0901	Dwg No. LA4
Scale 1-500 @ A3	Date 31 August 2012
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The Cutting (3 Murray Rose Forecourt) Detail

The Cutting is the main arrival space for 3 Murray Rose Avenue and also provides pedestrian links to Brickpit Park.

A floor of broad terraces, steps and ramps (stone or brick) appear hewn from the hillside. A series of bio swales & 'frog ponds' of natural stone, native grasses and Eucalypt plantings 'crack' through the floor of the cutting.

Planting will consist of native grasses, sedges and rushes.

Pedestrian access comprises steps and walkway (1 in 20 gradient) bridging the Creek Line as it traverses up to the Lobby level.

- Extent of Works
- 3 Murray Rose boundary
- Building Line over
- 1 Existing Cafe area
- 2 The Cutting stage 1 (existing works)
- 3 Extension of main stair flights
- 4 Ramped Access in between steps
- 5 Covered Walkway
- 6 Existing exposed aggregate path
- 7 Maintenance access route. Min 2.8m at bench locations
- 8 Building B Entry
- 9 Terrace
- Recycled Crushed Brick Paving
- Hazy White granite paving to match stage 1 works
- Bluestone granite paving to match stage 1 works
- Exposed aggregate path to match existing
- Timber bench seating
- Native grass planting
- Eucalypt Planting
- Multi directional light fitting
- Building Entry



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					Scale 1-250 @ A3	Date 31 August 2012			
					Dwg Status Design Application				



The Chase - Potential Landscape Sceme

Subject to design coordination with adjacent furture building

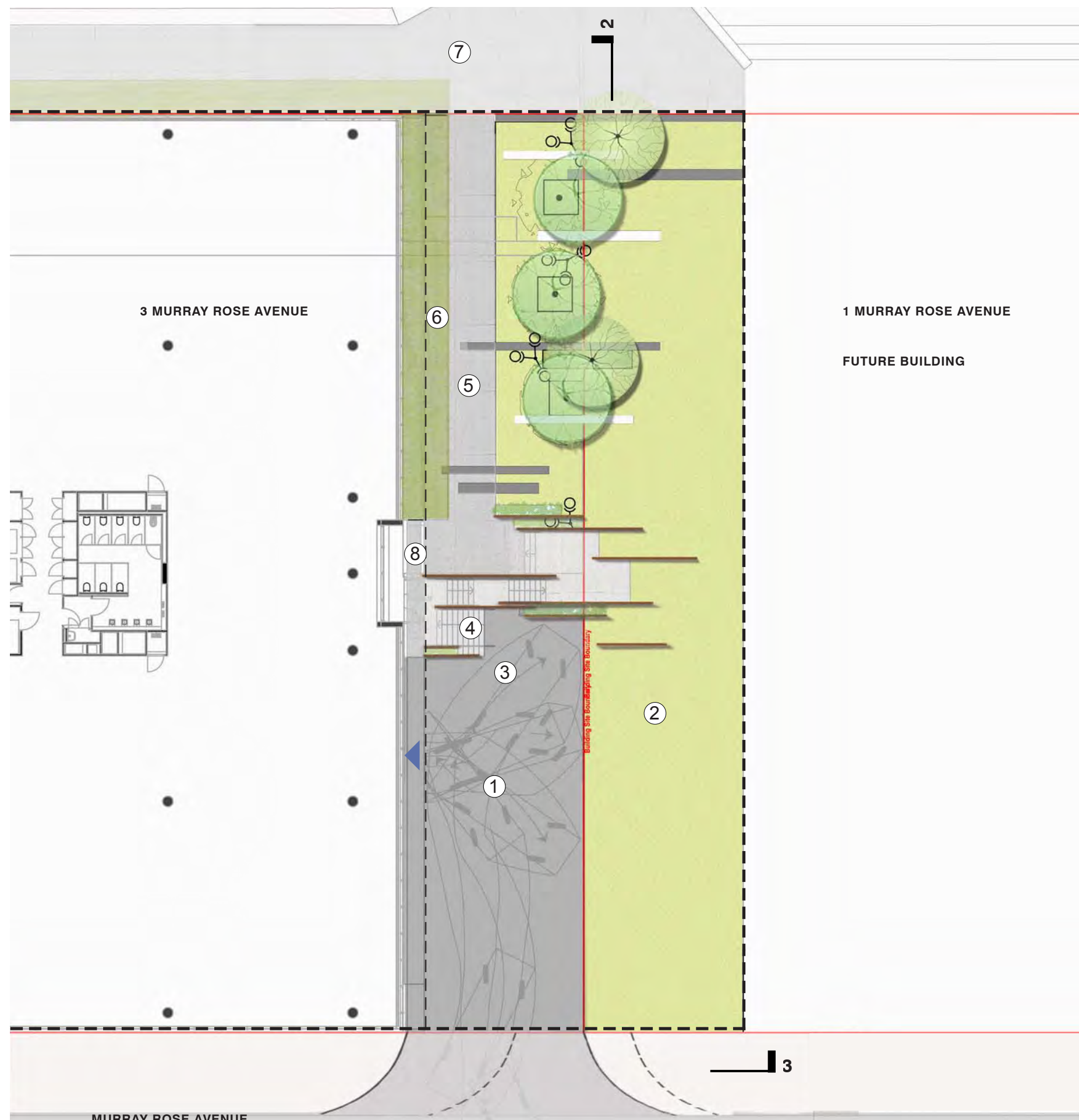
The Chase is at the loading dock entry for 3 Murray Rose Avenue which also provides pedestrian access to Brickpit Park.

The proposal positions the loading dock entry centrally between buildings 3 & 1 so that it becomes a shared loading dock in potential future works. This references the laneway typology reflected on the west of 5 Murray Rose Avenue.

The laneway gradually slopes up to the loading dock. Wide stepped planters either side of the laneway reduce the expanse of pavement.

A series of corten blades & concrete walls form a stepped terrace providing pedestrian access up to Brick Pit Park. A stepped upper lawn allows informal seating under a Eucalypt canopy & provides enclosure & breakout space for 1 MR residents.

- Extent of Final Chase Works
- 3 Murray Rose boundary
- Building Line over
- 1 The Chase Loading Dock Entry
- 2 Flattened Kerb for Vehicle Movement
- 3 Stepped Entry Planting accentuating laneway design
- 4 The Chase Pedestrian Access to Brick Pit Park
- 5 2.8m Maintenance access route
- 6 Native Grass Planting at Building Facade
- 7 Existing exposed aggregate path
- 8 Stepped Lawn Terraces
- 9 1.2m Footpath
- Trihex Paving
- Asphalt Driveway
- Paving Bands in Lawn
- Exposed aggregate path to match existing
- Concrete Walls
- Corten Walls
- Planting
- Lawn
- Eucalypt Planting
- Multi directional light fitting
- Loading Dock Entry



The Chase - Landscape Arrangement

The proposal for the Chase provides space for loading dock traffic from the building's eastern facade to the site boundary. Temporary asphalt is laid up to the steps which could be substituted with trihex in future works.

Corten blade walls form a stepped terrace providing pedestrian access up to Brick Pit Park. The main median landing is also the fire escape route.

A lawn embankment will mediate the level transition. Steps & walls could become extended into this bank in future landscape works.

Planting will consist of native grasses, sedges and rushes.

- Extent of Works
- 3 Murray Rose boundary
- Building Line over
- 1 3 Murray Rose Loading Dock Entry
- 2 Lawn Bank
- 3 Asphalt Paving
- 4 The Chase Pedestrian Access to Brick Pit Park
- 5 2.8m Maintenance access route
- 6 Native Grass Planting at Building Facade
- 7 Existing exposed aggregate path
- 8 Fire Exit
- Trihex Paving
- Asphalt Vehicular Access
- Paving Bands in Lawn
- Exposed aggregate path to match existing
- Concrete Inserts in Lawn
- Corten Walls
- Planting
- Lawn
- Eucalypt Planting
- Multi directional light fitting
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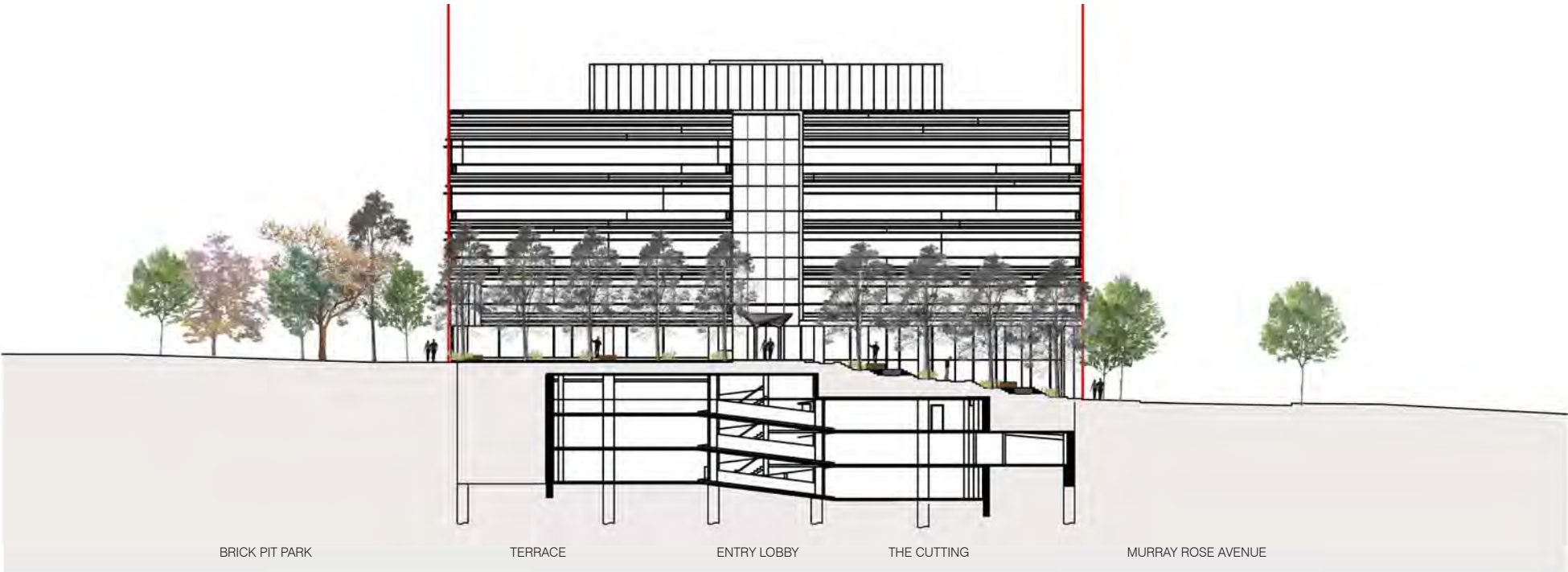
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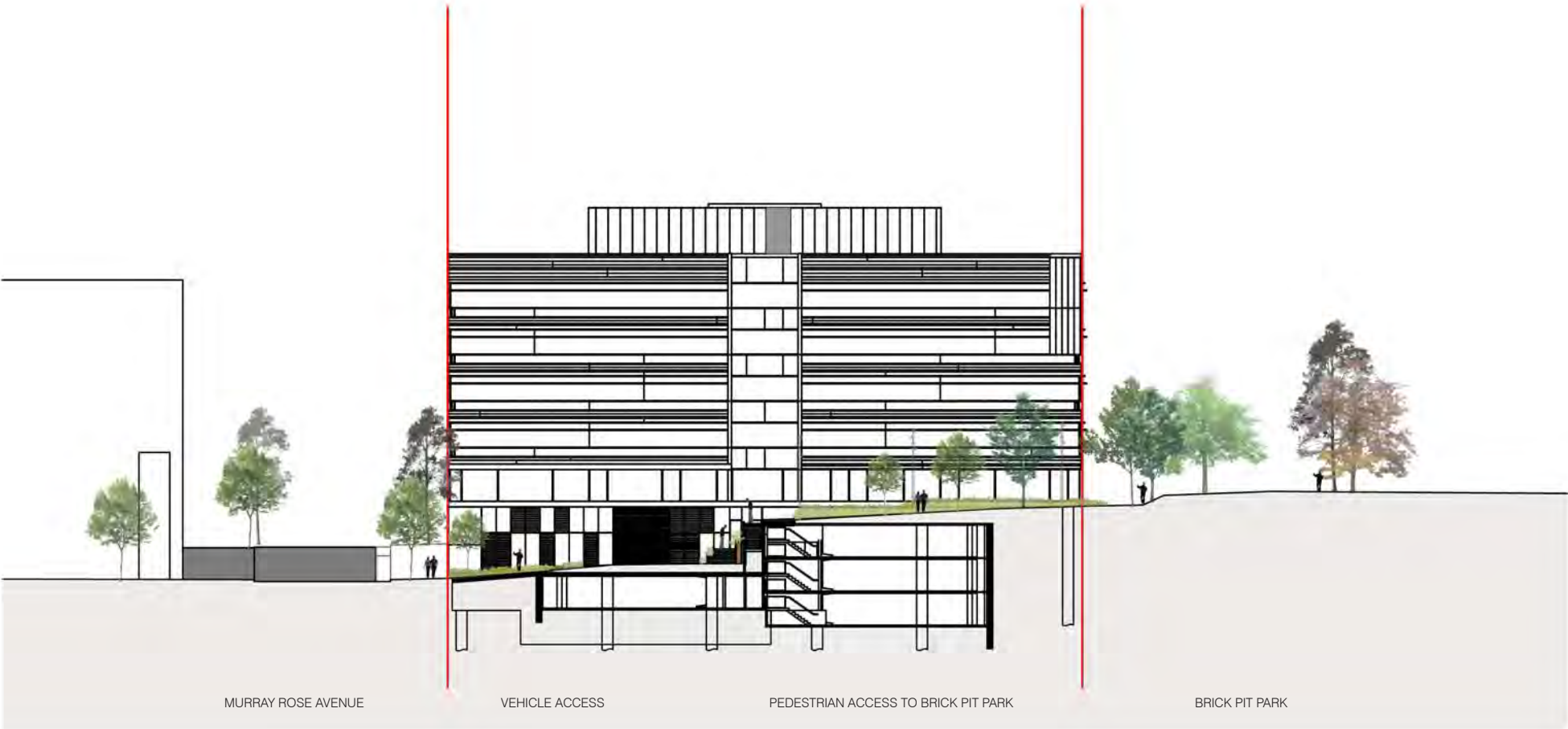
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Sydney Olympic Park

Drawing Title
THE CHASE -
DETAIL PLAN

Project No. 0901	Dwg No. LA7	Revision D
Scale 1-250 @ A3	Date 31 August 2012	
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1. WEST SECTION



2. EAST SECTION



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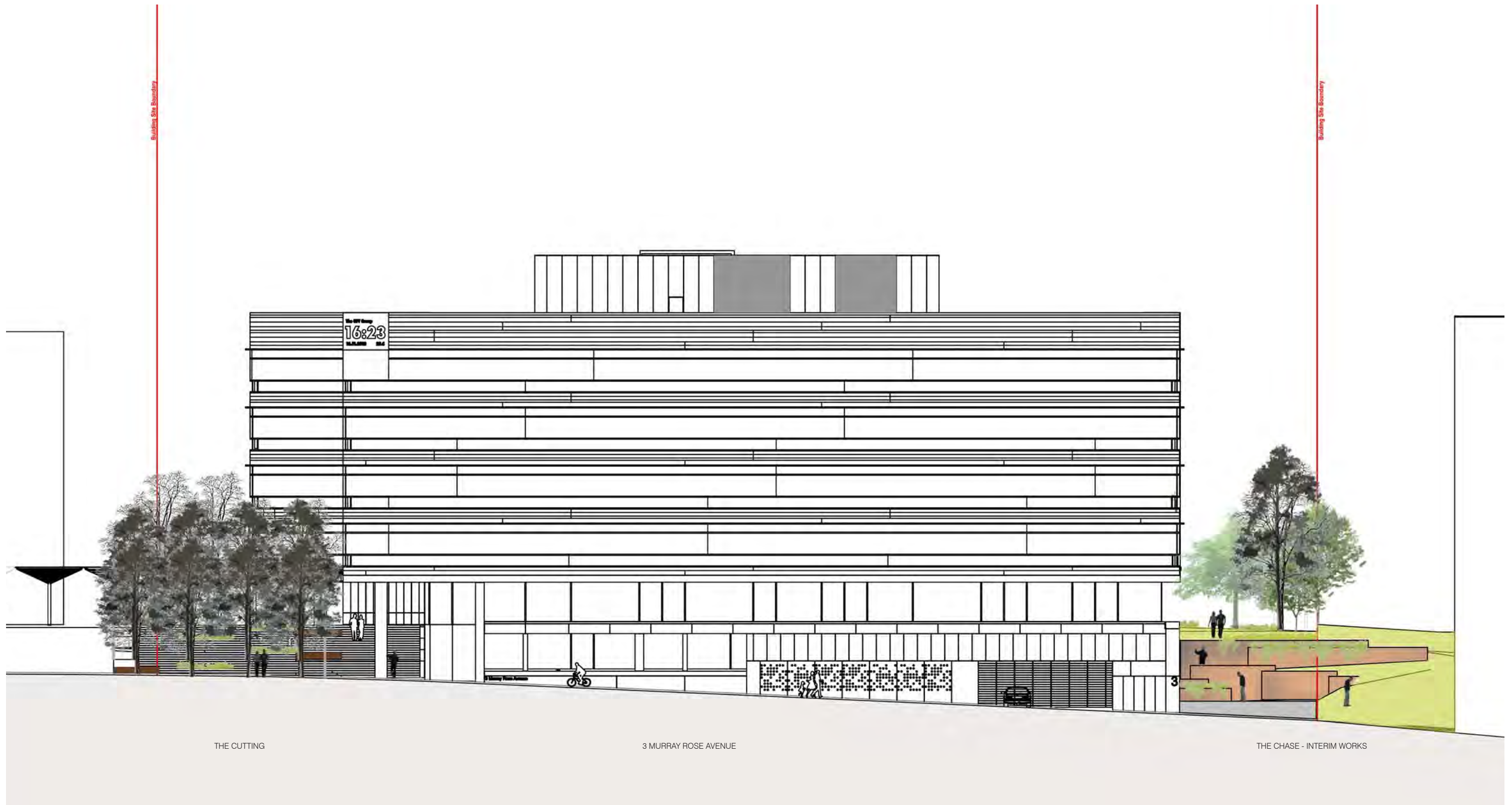
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Project
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Drawing Title
EAST & WEST
SECTIONS

Project No. 0901	Dwg No. LA8	Revision C
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3. SOUTH ELEVATION



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Project
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Drawing Title
SOUTH ELEVATION

Project No. 0901	Dwg No. LA9	Revision C
Scale 1-250 @ A3	Date 31 August 2012	
Dwg Status Design Application		

ADJACENT SITE MATERIALS



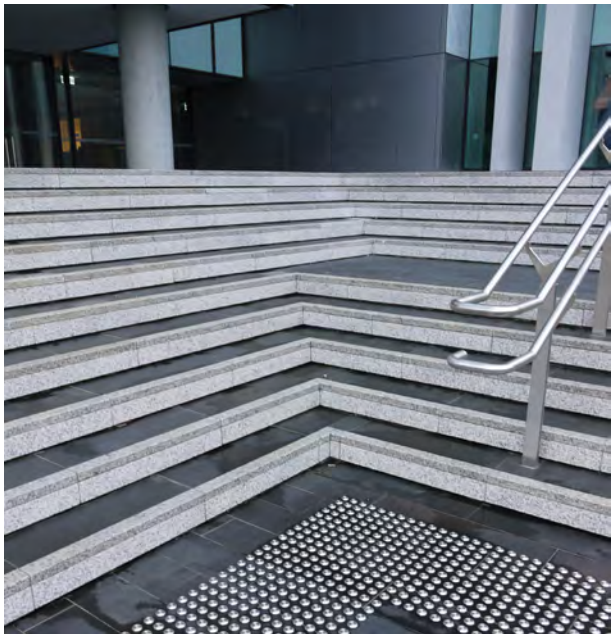
THE CUTTING - DARK GRANITE PAVING



BRICK PIT PARK - GABION WALL & EXPOSED AGGREGATE PATH



THE CUTTING - LIGHT GREY GRANITE



THE CUTTING - STEPS

PROPOSED MATERIALS



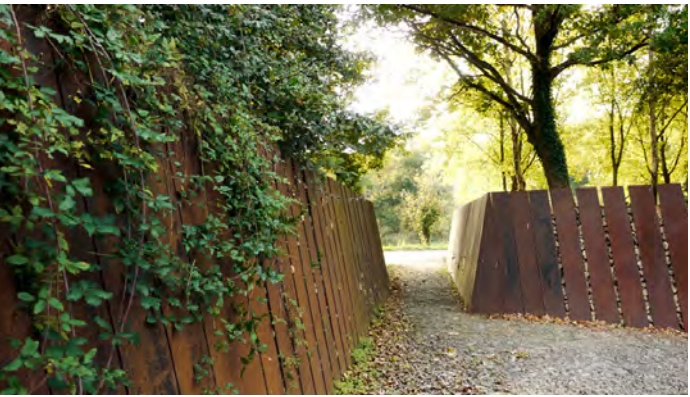
RECYCLED RED BRICK PAVING.
CRUSHED BRICK IN TREE PITS.



TIMBER SEATING.



NATIVE GRASSES



CORTEN STEEL WALLS

Note: Similar materials to the above are proposed for the development



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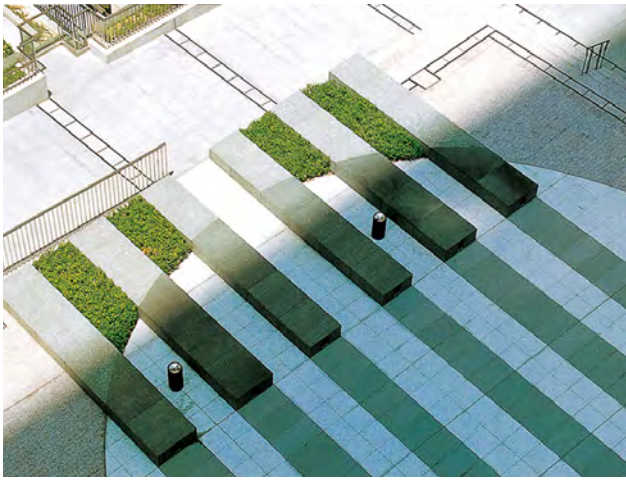
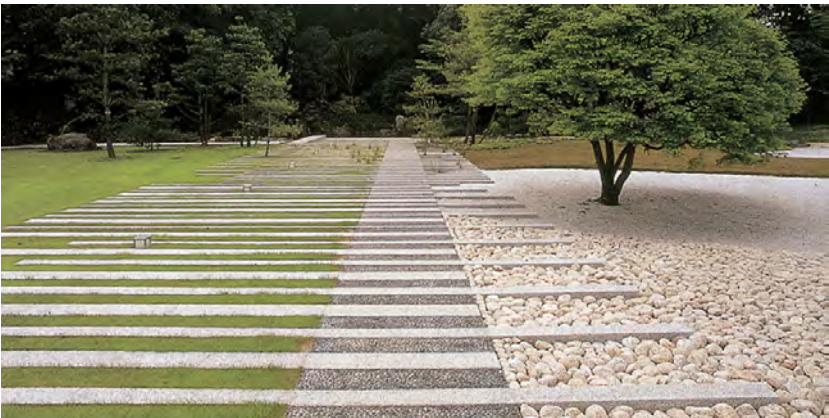
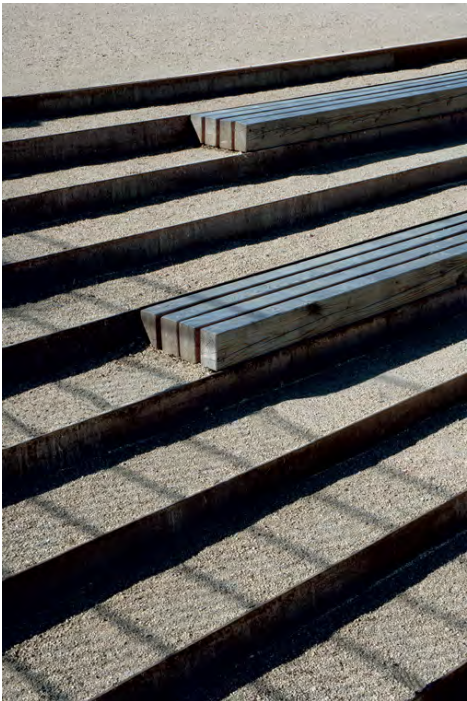
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MATERIAL PRECEDENTS

Project No. 0901	Dwg No. LA10	Revision D
Scale 1:100 A3	Date 31 August 2012	
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Precedent Images



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Project
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Drawing Title
PRECEDENT
IMAGES

Project No. 0901	Dwg No. LA11	Revision
Scale	Date 31 August 2012	C
Dwg Status Design Application		



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
Dwarf Corymbia citriodora
Eucalyptus sideroxylon

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