



Discovery Point is a major development site at Wolli Creek, Sydney. It is partially complete with an existing railway station, apartment buildings and large publicly accessible park (Discovery Point Park). The site planning has been shaped by the historic Tempe House, St Magdalene's Chapel and their surrounding grounds.

- The Stage 6 landscape works include;
- Extension of Brodie Sparks Drive
 - Station Park (located between Vine and Building 6)
 - Park Promenade on Building 6 ground podium level
 - Park Walkway down to Discovery Point Park
 - Discovery Point Park upgrades
 - Interface with the Railway opening.
 - Podium Garden on Level 11

LEGEND

- Lawn
- Planter Area
- Pavement
- Water
- Timber Elements
- Road
- Proposed Trees
- Feature Tree
- Limit of Stage 6 Works (above ground)

LANDSCAPE MASTERPLAN

Station Park + Stage 6 Landscape Plan



LEGEND

- Palm
- Feature Tree
- Proposed Park Trees
- Planter Area
- Lawn
- Pavement
- Road
- Limit of stage 6 above ground landscape
- ① Sloped Lawn
- ② 'Pod' planter with feature fig tree
- ③ Seating bench
- ④ South stair access
- ⑤ North stair access
- ⑥ Deciduous feature tree
- ⑦ Building 6 substation
- ⑧ Vine substation
- ⑨ Railway egress path 1m width gravel path
- ⑩ Basement Air Extract

Public Domain

Brodie Spark Drive

Brodie Spark Drive is the processional thoroughfare through Discovery Point, commencing at Magdalene Terrace and terminating at the proposed future park. The terminus of the road offers views across the Cooks River and to the city beyond.

Livistona australis are proposed to Brodie Spark Drive as a feature avenue planting. Palms have been selected to provide height and structure to the street and to compliment the surrounding building fenestration. Large specimen trees, located at public domain interfaces (ie. Station Park) are also proposed as background planting, providing additional canopy to the streetscape. Where possible street verges and tree pits are to be utilised as bio-retention areas acting to clean stormwater runoffs and visually soften the urban environment.

Livistonia australis have been proposed as a variation to Rockdale City Councils *Wolli Creek and Bonar Street Precinct Public Domain Plan*, as a more suitable indigenous species, adaptable to the difficult planting conditions existing in the Stage 1 works. Rockdale City Council has endorsed the palm plantings as a feature avenue to Brodie Spark Drive.

Station Park

Located above the Airport Railway Line and between Building 6 and Vine, the Station Park provides an open sloping lawn for passive and/or active recreation.

A large ‘pod’ planter is proposed to the western corner of the sloped lawn, landmarking the park entrance. The ‘pod’ is proposed to extrude above the lawn and push into the streetscape. A large evergreen feature tree is proposed to the planter area to provide additional canopy to the street and footpath. Lush understorey planting will add colour and visual interest in the park.



Pod Planter with Feature Tree

A low raised planter area is proposed against the existing concrete station wall. Planting will screen the wall and soften the Station Park interface. Visually permeable fencing is proposed to the top of the station wall to provide a 1.8m HT barrier to the railway opening, whilst maintaining views out across Discovery Point Park.

A wide pedestrian walkway is proposed to the northern edge of the lawn beneath the Building 6 canopy. The walkway will connect with future concept plan works providing a key link between the Railway Station and Discovery Point Park. A generous seating wall is proposed alongside the walkway to define the edge of the Station Park.

To increase pedestrian permeability to Discovery Point Park, stair access is proposed to both sides of the railway opening - transitional from the building ground podium to the park level below. Ramp access to Discovery Point Park is proposed adjacent building 6 and future building 7 podium level (Park Promenade).

Park Promenade + Park Walkway

A continuous podium level is proposed around the edge of building 6 and future building 7 commanding views over Discovery Point Park and the Cooks River. The Park Promenade is proposed to unify proposed building 6 and future building 7 with general public domain.

The Park Walkway is located to the north-east corner of the Station Park and is proposed as a graded walkway down to Discovery Point Park. The Park Walkway will transition adjacent the proposed buildings ground podium level. A planted earth mound is proposed to the walkway interface with the park to transition levels and reduce the impact of the ramp walls from the park.



Station Park and Railway Link

Careful selection will be given to the wall finishes in order to reflect the historic Tempe house and its surrounding grounds. Where possible vines will be encouraged to grow over the wall to create a “green living” wall.

Railway Interface + Discovery Point Park

Planting is proposed to the surround of the Railway opening in order to visually screen and reduce public accessibility. The existing path network through Discovery Point Park will be upgraded with additional links to the Station Park, Park Walkway and Park Promenade. Feature tree planting is proposed to landmark key corners and path connections.

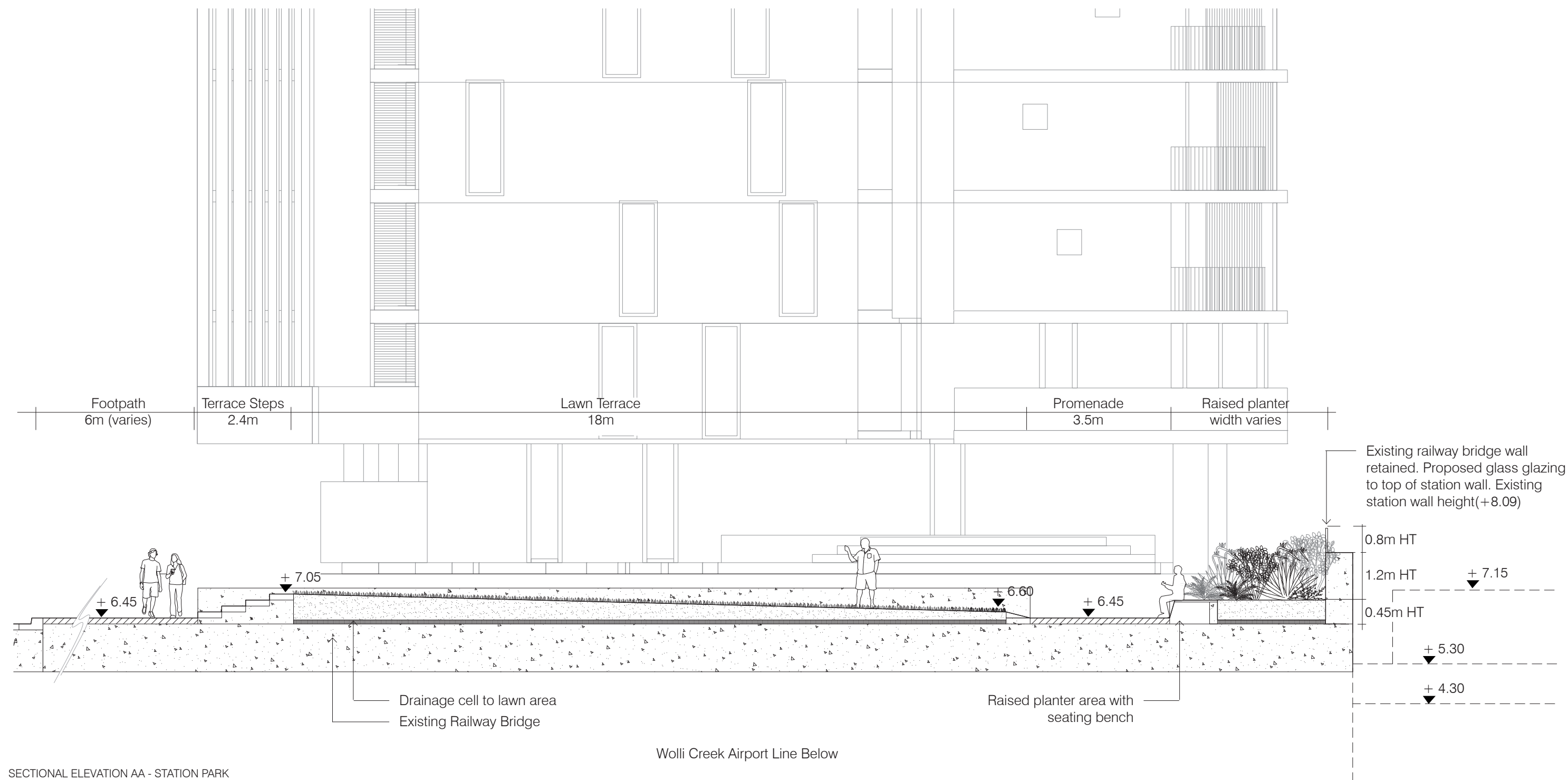
Access to the railway egress and building 6 basement is to be provided off the northern stairs pathway. Proposed planting will reflect the existing park character incorporating indigenous trees and shrubs with native grasslands. Some exotic species will be used to provide colour and seasonal change through the park.

Plant species within twenty meters of the Rail corridor have been selected from RailCorp’s Environmental Management System Revegetation Technical Specification and Rockdale City Council’s Technical Specification Indigenous Planting List.



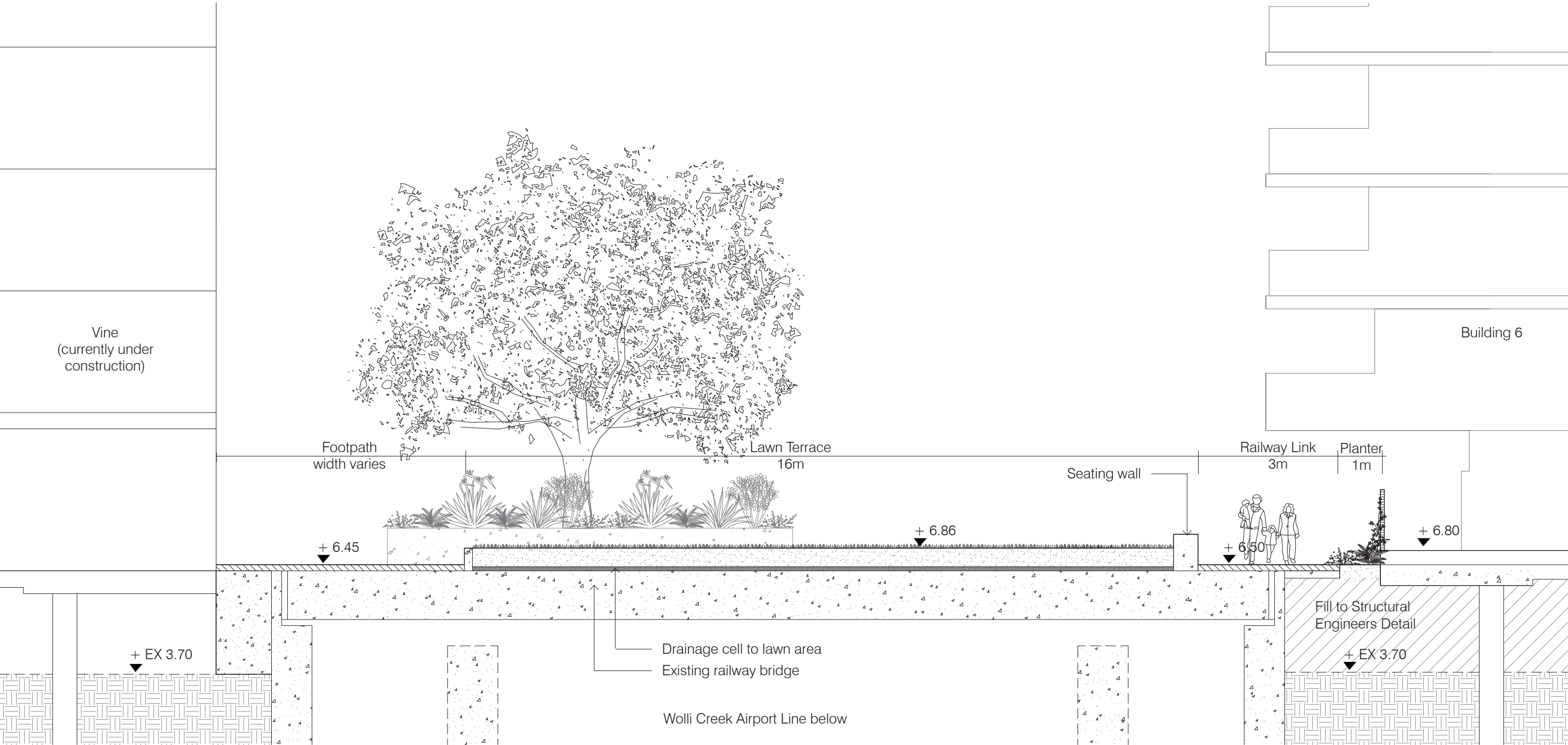
Station Park and Park Promenade

Station Park - Sectional Elevation AA



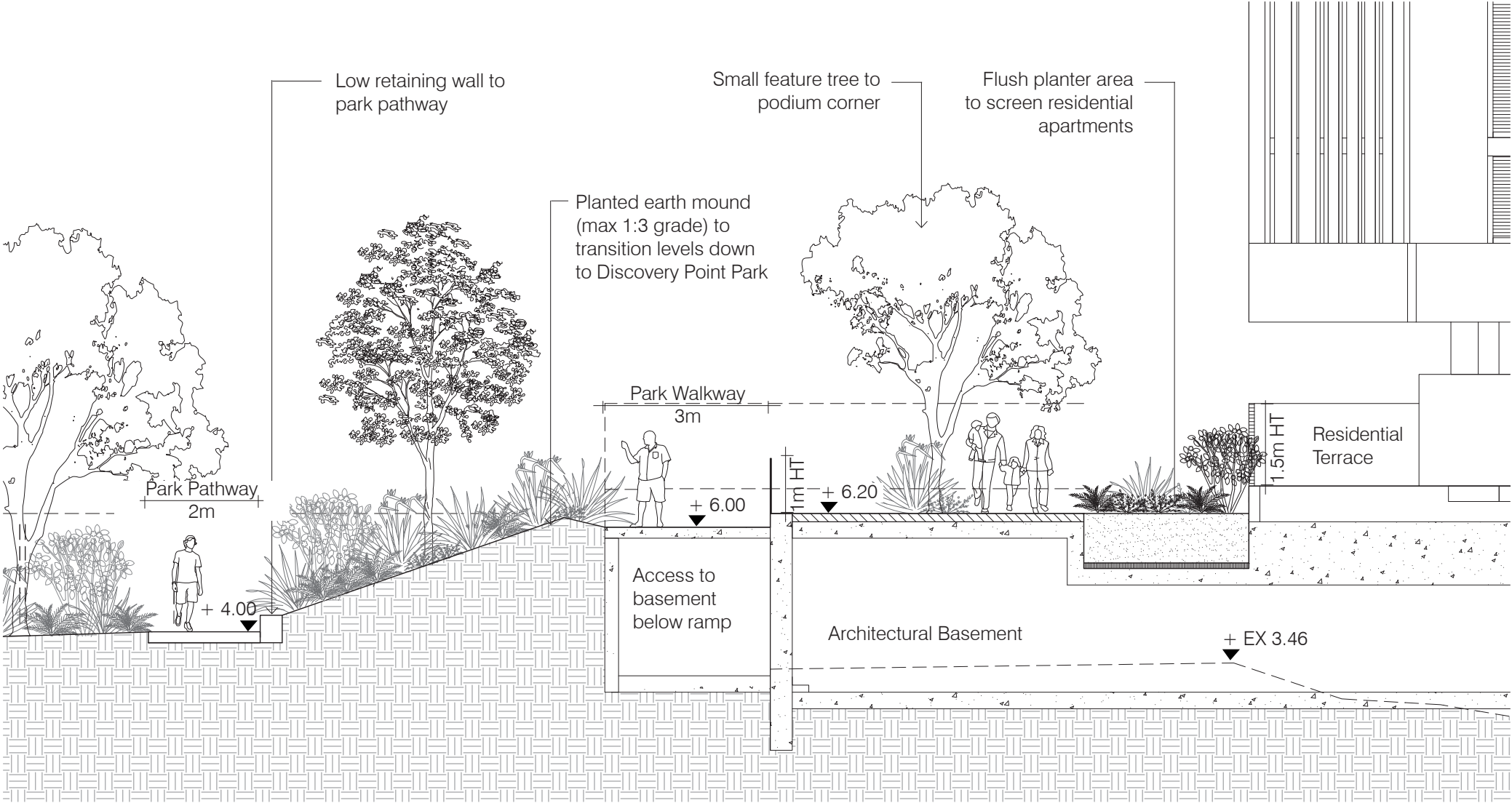
SECTIONAL ELEVATION AA - STATION PARK

Station Park - Sectional Elevation BB



SECTIONAL ELEVATION BB - STATION PARK

Park Promenade + Park Ramp - Sectional Elevation CC

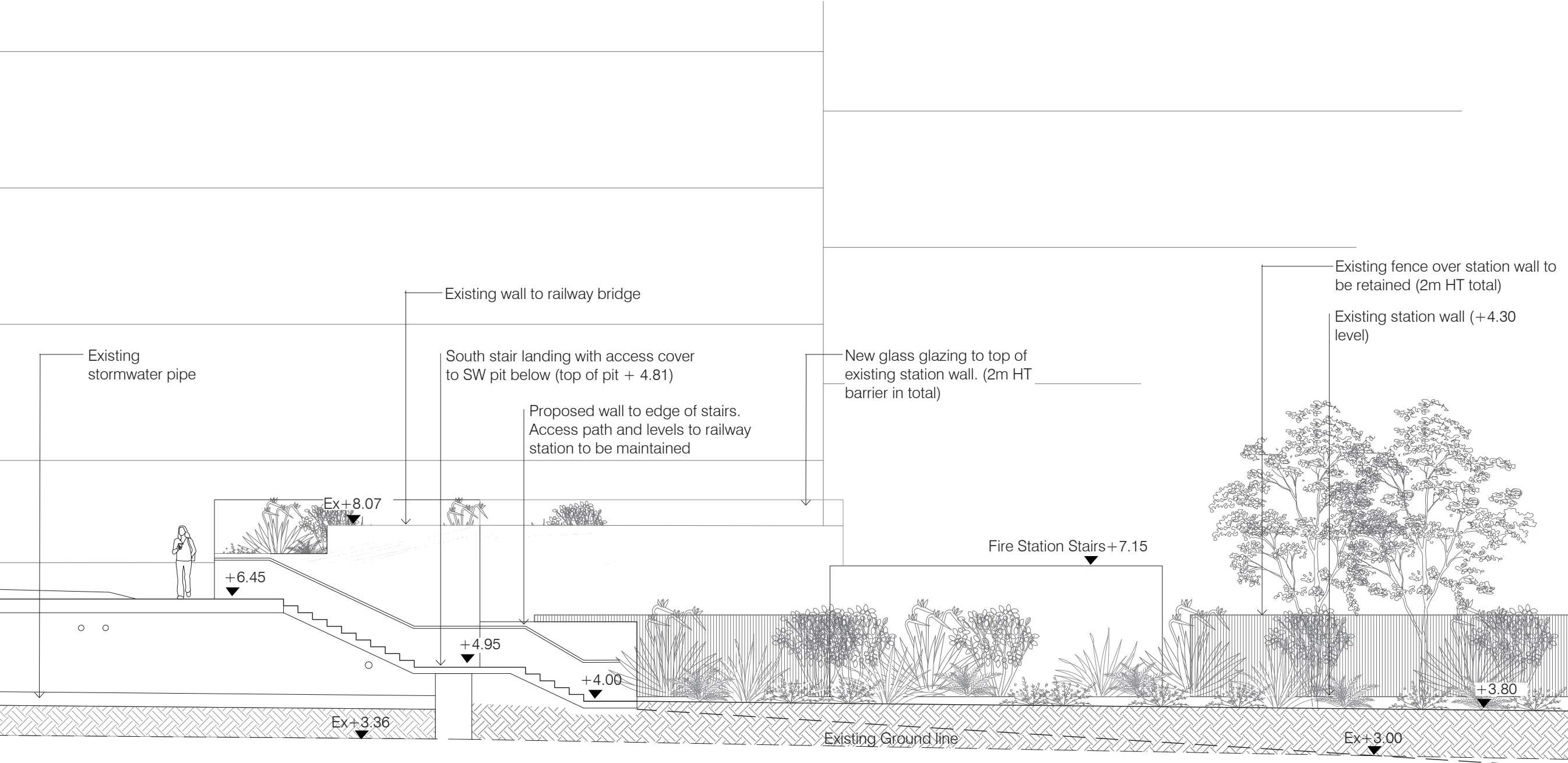


SECTIONAL ELEVATION CC

1:100

Client	Town Planning	Architect	Landscape Architect	Project	Document Title	Project No.	Revision no.	Page No.
				Discovery Point, Wolli Creek Site 6 PA	Park Promenade + Park Walkway Sectional Elevation CC	1002	D	L7
						Scale 1:100	Date 22/08/11	
						Dwg Status For Information		

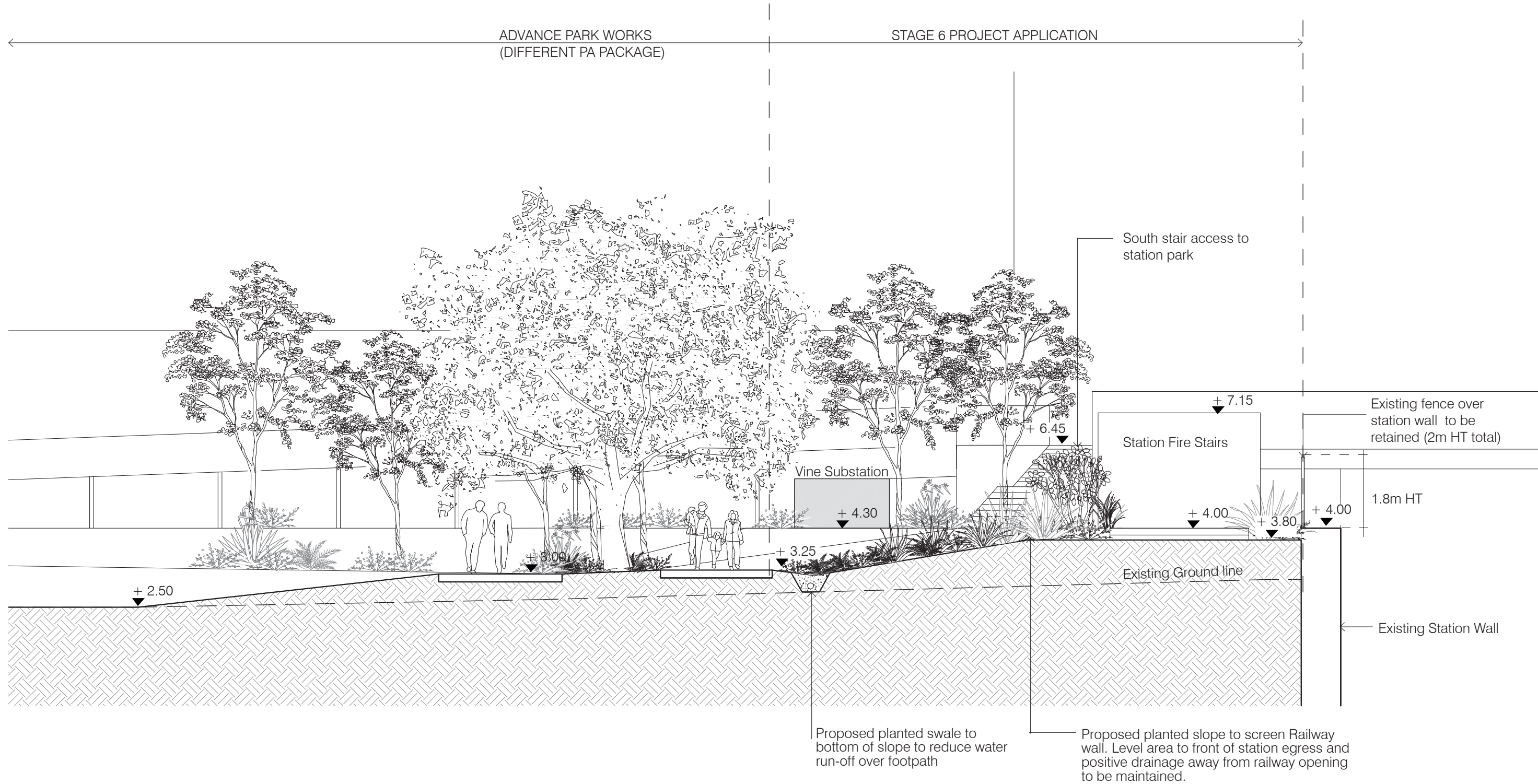
Station Wall and South Stairs - Sectional Elevation DD



SECTIONAL ELEVATION DD
1:100

Client	Town Planning	Architect	Landscape Architect	Project	Document Title	Project No.	Revision no.	Page No.
				Discovery Point, Wolli Creek Site 6 PA	Station Wall + South Stairs Elevation DD	1002	E	L8
						Scale 1:100	Date 22/08/11	
						Dwg Status For Information		

Station Wall and South Stairs - Sectional Elevation EE



SECTIONAL ELEVATION EE

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Client	Town Planning	Architect	Landscape Architect	Project	Document Title	Project No.	Revision no.	Page No.
				Discovery Point, Wolli Creek Site 6 PA	Station Wall + South Stairs - Sectional Elevation EE	1002	E	L9
						Scale 1:100	Date 22/08/11	
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Stage 6 - Planting General

Trees			
Species Name	Common Name	Indigenous	Mature HT
Acmena smithii	Lily Pily	x	8-10m HT
Angophora costata	Sydney Red Gum	x	12-25m
Cyathea australis	Rough Tree Fern		
Eucalyptus citriodora	Lemon Scented Gum		20-30m
Eucalyptus grandis	Flooded Gum		20-30m
Elaeocarpus reticulatus	Blueberry Ash	x	6-12m
Eucalyptus pilularis	Backbutt	x	30m
Eucalyptus haemastoma	Scribbly Gum	x	6-15m
Eucalyptus robusta	Swamp Mahogany	x	30m
Eucalyptus botryoides	Bangalay	x	30m
Ficus obliqua	Small Leaved Fig		15-30m HT
Hymenosporum flavum	Native frangipani	x	
Plumeria rubra	Frangipani		6m HT
Jacaranda mimosifolia	Jacaranda		5-8m HT
Livistona australis	Cabbage Tree Palm	x	10m HT
Platanus acerifolia	Plane Tree		10-15mHT
Sapium sebiferum	Chinese Tallow Tree		8-10m HT
Shrubs			
Species Name	Common Name	Indigenous	Mature HT x Sp
Banksia ericifolia	Heath leaved banksia		1.5m x 2m
Banksia spinulosa	Hairpin Banksia	x	1-3m x 2m
Callistemon citrinus	Crimson Bottlebrush	x	2m x 2m
Callistemon linearis	Narrow Leaf Bottlebrush	x	1 - 3m HT
Cordylina species	Cordylina		1 - 2m HT
Grevillea sericea	Pink Spider Flower		1 - 2m HT
Isopogon anemonifolius	Drumsticks	x	0.5 -2m x 1.5m
Leucopogon ericoides	Pink Beard-heath		0.5 - 1.5m x 1m HT
Lepidozamia peroffskyana	Pineapple Zamia		1m x 1.2m
Syzygium species	Lily Pily		1m - 2m
Yucca species	Yucca		0.75-2m
Ceratopetalum gummiferum	NSW Christmas Bush		

Groundcovers			
Species Name	Common Name	Indigenous	Mature HT x Sp
Asplenium nidus	Birds Nest		0.5m x 0.75m
Ajuga reptans	Bugleweed		0.3m - 0.5m
Agave	Agave		0.5-0.75m
Clivia miniata	Bush Lily		0.45m
Crinum pedunculatum	Beach Lily		0.75 - 1m
Brachycome multifida	Cut Leaved Daisy		0.3 x 0.5m
Dianella caerulea	Paroo Lily	x	0.5-0.75m x 0.5m
Dianella revoluta	Paroo Lily		0.5-0.75m x 0.5m
Dietes grandiflora	Wild Iris		0.5 - 0.75m
Doryanthes excelsa	gymea Lily	x	1.5m x 2.5m (flower spikes to 5m HT)
Doodia aspera	Prickly Rasp Fern		0.3 -0.5m
Hardenbergia violacea	Native sarsparilla	x	0.3m (vine)
Hibbertia scandens	Snake vine	x	0.3m (vine)
Lomandra longifolia	Mat rush	x	0.5 - 1m x 1m
Liriope muscari	Lily turf		0.3 - 0.45m
Philodendron xanadu	Dwarf Philodendron		0.5 - 0.75m
Pennisetum alopecuroides	Swamp foxtail		0.5 - 1m x 1m
Pteridium esculentum	Bracken	x	0.3 - 0.5m
Trachelospermum jasminoides	Star Jasmine		0.3m (vine)
Themedeia australis	Kangaroo grass		0.5 - 1m x 1m
Viola hederacea	Native Violet		0.2m
Zamia furfuracea	cardboard cycad		1.5m



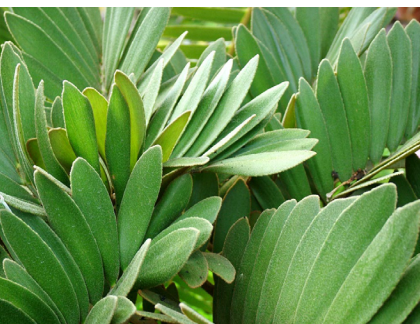
Trachelospermum
jasminoides



Lepidozamia peroffskyana



Pteridium
esculentum



Zamia furfuracea

Indicative Planting Schedule subject to detail design development.

All plants to be a minimum semi-advanced (150mm pot) at time of installation in accordance with the Rockdale City Council Landscape Technical Specification Appendix B - Plant Lists.

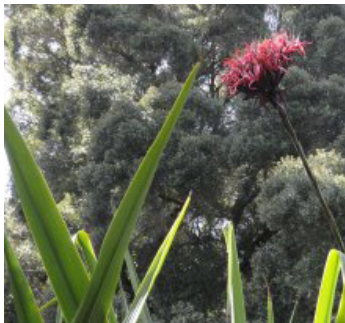
Stage 6 - Planting within 20m of the Railway Corridor

Trees			
Species Name	Common Name	Indigenous	Mature HT
Allocasuarina distyla			6-10m
Angophora costata	Sydney Red Gum	x	12-25m
Banksia serrata	Old Man Banksia		5-10m
Ceratopetalum gummiferum	NSW Christmas Bush		6-12m
Eucalyptus botryoides	Bangalay	x	30m
Eucalyptus grandis	Flooded Gum		20-30m
Elaeocarpus reticulatus	Blueberry Ash	x	6-12m
Ficus obliqua	Small Leaved Fig		15-30m
Fraxinus griffithii	Evergreen Ash		8-10m
Gordonia axillaris	Fried Egg Plant		5-10m
Hymenosporum flavum	Native frangipani		5-12m
Jacaranda mimosifolia	Jacaranda		5-8m
Lagerstroemia indica	Crepe Myrtle		6-8m
Leptospermum attenuatum	Tea Tree	x	2-5m
Myoporum acuminatum	Boobialla		10m
Melaleuca hypericifolia	Paperbark		6-12m
Melaleuca quinquenervia	Paperbark		6-12m
Platanus acerifolia	Plane Tree		10-15m
Podocarpus elatus	Plum Pine		15-20m
Pistachio chinensis	Pistachio		8m
Sapium sebiferum	Chinese Tallow Tree		8-10m
Tristaniopsis laurina	Watergum		8-15m

Shrubs and Groundcovers			
Species Name	Common Name	Indigenous	Mature HT x Sp
Banksia ericifolia	Heath leaved banksia		1.5m x 2m
Banksia spinulosa	Hairpin Banksia	x	1-3m x 2m
Callistemon citrinus	Crimson Bottlebrush	x	2m x 2m
Callistemon linearis	Bottlebrush	x	1 - 3m HT
Darwinia fascicularis			1m x 1m
Dianella species	Paroo Lily	x	0.45m
Doryanthes excelsa	Gymea lily	x	1m
Epacris pulchella	NSW Coral Heath	x	1-2m
Grevillea sericea	Pink Spider Flower		1 - 2m HT
Hardenbergia violacea	Native Sarsparilla	x	0.5m (vine)
Hakea sericea	Needle Bush	x	2-5m
Hibbertia scandens	Snake Vine	x	0.5m
Indigofera australis	Austral indigo		2m
Themeda triandra	Kangaroo Grass		0.5m
Ficus pumila	Creeping Fig		(vine)
Lomandra longifolia	Mat rush	x	0.5 - 1m x 1m
Lambertia formosa	Mountain Devil	x	2-3m
Isopogon anemonifolius	Drumsticks	x	0.5 -2m x 1.5m
Leucopogon ericoides	Pink Beard-heath		0.5 - 1.5m x 1m HT
Kunzea ambigua	Tick Bush	x	1-3m
Pandorea pandorana	Wonga Vine		(vine)
Westringia fruticosa	Coastal Rosemary		0.75 - 1m x 1.5m



Angophora costata



Doryanthes excelsa



Grevillea sericea



Westringia fruticosa



Banksia ericifolia

Plant species have been selected from RailCorp's Environmental Management System Revegetation Technical Specification and Rockdale City Council Technical Specification Indigenous Planting List.

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						Scale	Date	
						N/A	22/08/11	
						Dwg Status	For Information	