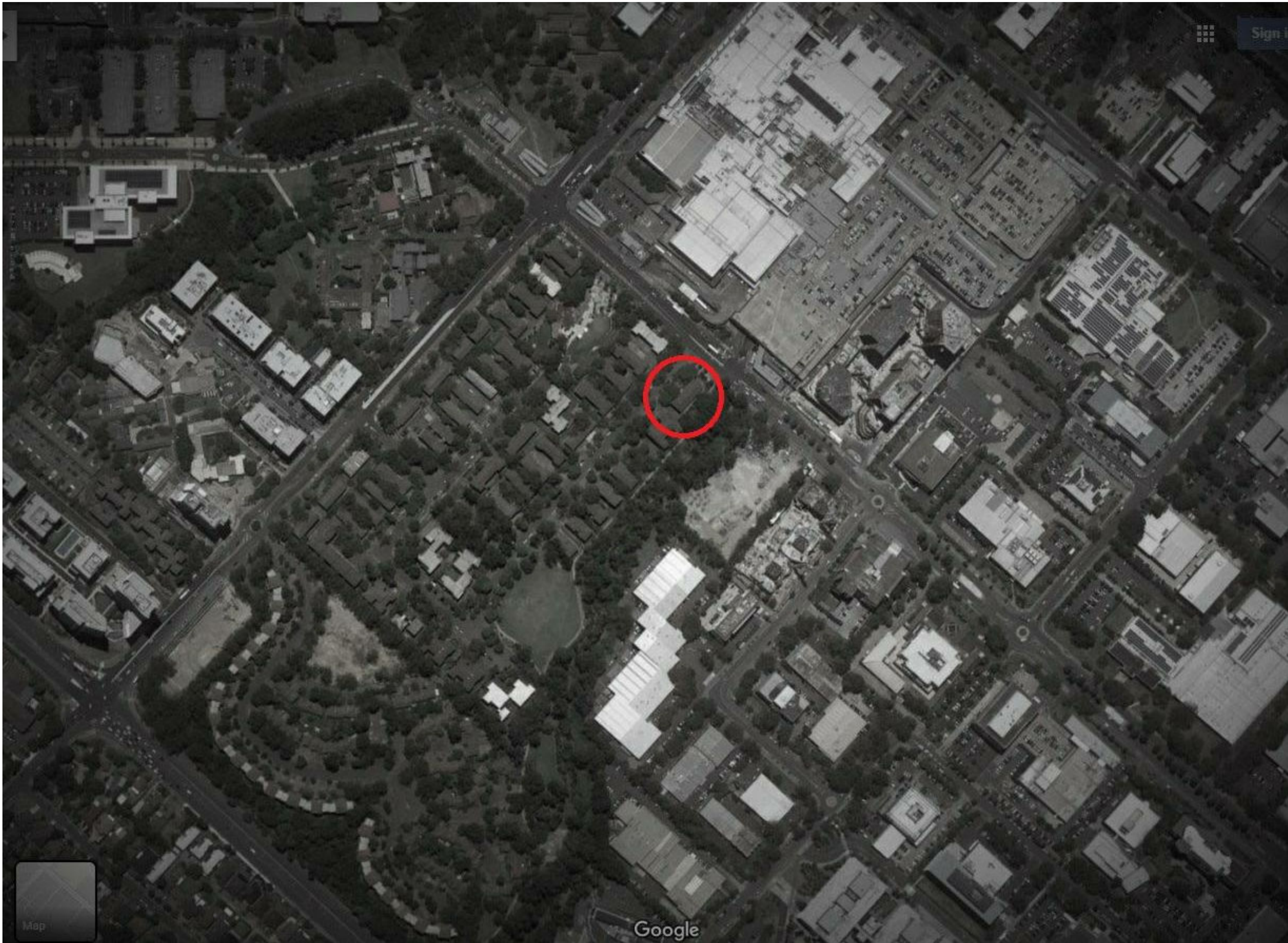




14-16 COTTONWOOD CRESCENT, MACQUARIE PARK

14-16 COTTONWOOD CRESCENT, MACQUARIE PARK
LEGACY PROPERTY

AMENDED DA 20190173: LANDSCAPE DRAWING LIST



3000 GENERAL		
LD-DA3000	COVER SHEET	4
LD-DA3001	PLANTING PALETTE	1
3100 PLANS		
LD-DA3101	TREE RETENTION PLAN	3
LD-DA3105	LANDSCAPE SITE PLAN	4
LD-DA3106	PUBLIC DOMAIN IMPROVEMENTS PLAN	4
LD-DA3110	LEVEL 2 AND LEVEL 19 TERRACE PLAN	3
3200 - ELEVATIONS & SECTIONS		
LD-DA3200	GROUND FLOOR LANDSCAPE SECTIONS	3
LD-DA3201	GROUND FLOOR LANDSCAPE SECTIONS	3
LD-DA3202	GROUND FLOOR LANDSCAPE SECTIONS	3
LD-DA3203	L2 & L19 LANDSCAPE SECTIONS	3
LD-DA3204	COTTONWOOD CRESCENT ELEVATION	4
LD-DA3205	DRIVEWAY SECTIONS	2

RIPARIAN ZONE PLANTING

Based on the BioNet Vegetation Classification reference for PCT 1181 the following planting list is proposed for the Shrimptons Creek VRZ.

Botanic Name	Common Name	Size	Spacing
Upper Stratum			
Angophora costata	Sydney Red Gum	100 lt	As Shown
Banksia serrata	Old Man Banksia	45 lt	As Shown
Corymbia gummifera	Red Bloodwood	100 lt	As Shown
Eucalyptus piperita	Sydney Peppermint	45 lt	As Shown
Eucalyptus pilularis	Blackbutt	45 lt	As Shown
Eucalyptus punctata	Grey Gum	100 lt	As Shown
Eucalyptus agglomerata	Blue-Leaved Stringybark	45 lt	As Shown
Eucalyptus tereticornis	Red Ironbark	100 lt	As Shown
Syncarpia glomulifera	Turpentine Tree	45 lt	As Shown
Middle Stratum			
Acacia terminalis	Sunshine Wattle	200mm	2/m2
Acacia ulicifolia	Prickly Moses	200mm	2/m2
Allocasuarina littoralis	Black Sheoak	200mm	1/ 2m2
Banksia spinulosa	Hairpin Banksia	300mm	1/m2
Ceratopetalum gummifera	Christmas Bush	300mm	1/ 2m2
Dodonaea triquetra	Hop Bush	150mm	2/m2
Eriostemon australasius	Pink Wax Flower	150mm	2/m2
Grevillea mucronulata	Spider Flower	150mm	4/m2
Leptospermum trinervium	Paper Teatree	200mm	1/ 2m2
Lomatia silaifolia	Crinkle Bush	200mm	2/m2
Persoonia levis	Broad-Leaved Geebung	150mm	2/m2
Persoonia linearis	Narrow-Leaved Geebung	150mm	2/m2
Phyllanthus hirtellus	Thyme Spurge	150mm	2/m2
Platysace linearifolia	Carrot Tops	150mm	2/m2
Xylomelum pyriforme	Woody Pear	150mm	1/m2
Sub Stratum Ground			
Austrostipa pubescens	Spear Grass	Hiko150	8/m2
Dianella caerulea	Blue Flax-Lily	Hiko150	6/m2
Entolasia stricta	Wiry Panic	Hiko150	8/m2
Gonocarpus teucrioides	Raspswort	Hiko150	6/m2
Lepidosperma laterale	Variable Swordsedge	Hiko150	8/m2
Lomandra cylindrica	Needle Mat-Rush	Hiko150	6/m2
Lomandra filiformis	Wattle Mat-Rush	Hiko150	6/m2
Lomandra longifolia	Spiny-head Mat-Rush	Hiko150	6/m2
Lomandra multiflora	Many-flowered Mat-Rush	Hiko150	6/m2
Lomandra obliqua	Twisted Mat-Rush	Hiko150	6/m2
Pomax umbellata	Pomax	Hiko150	8/m2
Pteridium esculentum	Bracken Fern	Hiko150	6/m2
Smilax glyciophylla	Sweet Sarsaparilla	Hiko150	2/m2
Xanthorrhoea arborea	Grasstree	Native	As Shown
Xanthosia pilosa	Wooly Xanthosia	Hiko150	8/m2

GROUND FLOOR PLANTING

The planting is designed to enhance the sites existing character and natural setting adjacent Shrimptons Creek. The riparian zone itself is described in detail in the above section.

The species described under the riparian revegetation would also be utilised in this area, in particular in the interfaces with the reserves and 'Shrimpton Creek Precinct Activation' areas. The species described above would be in addition to these.

The planting provides a diverse palette of native and endemic species. A small number of ornamental exotic species are incorporated however will only be utilised along the Cottonwood street frontage.

Refer to drawings for street tree species.

Botanic Name	Common Name	Mature Size (H X W)	Endemic/ Native/Exotic	Pot Size	Spacing
Trees					
Brachychiton acerifolius	Illawarra Flame Tree	12m x 6m	Native	200 lt	As Shown
Corymbia maculata	Spotted Gum	30m x 10m	Native	200 lt	As Shown
Cyathea australis	Rough Tree Fern	5m x 5m	Native	100 lt	As Shown
Elaeocarpus eumundi	Broad Leafed Quondong	15m x 4m	Native	200 lt	As Shown
Shrubs					
Asplenium australasicum	Birds Nest Fern	1m x 1m	Native	200mm	2/m2
Kalanchoe orgyallis 'Copper Spoons'	Copper Spoons	1.5 x 1m	Exotic	200mm	2/m2
Kalanchoe bracteata 'Silver Spoons'	Silver Spoons	1.5 x 1m	Exotic	200mm	2/m2
Macrozamia Communis	Burrawang	3m x 3m	Native	300mm	1/m2
Zamia furfuracea	Cardboard Palm	1m x 1m	Exotic	200mm	2/m2
Climbers, Grasses & Ground Covers					
Cissus antarctica	Kangaroo Vine	0.5 (spreads)	Native	150mm	4/m2
Dianella caerulea 'Little Rev'	Compact Blue Flax-Lily	0.3 x 0.3	Native	150mm	4/m2
Doodia aspera	Rasp Fern	0.4 (spreads)	Native	150mm	4/m2
Lomandra longifolia 'Tanika'	Spiny-Head Mat-Rush	0.6 x 0.6	Native	150mm	4/m2
Viola hederacea	Native Violet	0.2 (spreads)	Native	150mm	4/m2



Angophora costata



Banksia serrata



Corymbia gummifera



Eucalyptus pilularis



Syncarpia glomulifera



Acacia terminalis



Acacia ulicifolia



Banksia spinulosa



Ceratopetalum gummifera



Eriostemon australasius



Leptospermum trinervium



Lomatia silaifolia



Dianella caerulea



Entolasia stricta



Lepidosperma laterale



Lomandra filiformis



Lomandra longifolia



Lomandra obliqua



Pteridium esculentum



Xanthorrhoea arborea



Brachychiton acerifolius



Corymbia maculata



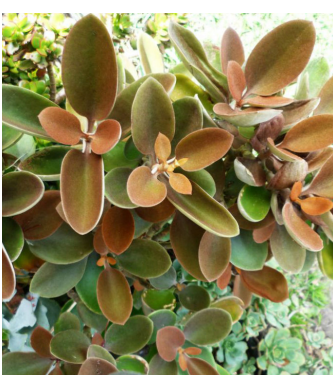
Cyathea australis



Elaeocarpus eumundi



Asplenium australasicum



Copper Spoons



Silver Spoons



Macrozamia Communis



Zamia furfuracea



Cissus antarctica



Doodia aspera



Viola hederacea

COMMUNAL SPACE PLANTING

The Level 2 & 19 terrace planting has been designed to create a fun and striking character in keeping with the playful design of the building and the key target market of students and younger professionals.

A mix of Evergreen and deciduous trees have been selected to provide summer shade and winter sun. Typically low water planting species will be prioritised, serviced by an automated irrigation system supplied though rain water collection on site to minimise potable water use.

The built in planters to the perimeter of the space allow 800-1100mm depth of soil with mounding in order to support the growth of small trees.

Botanic Name	Common Name	Mature Size (H X W)	Endemic/ Native/Exotic	Pot Size	Spacing
Trees					
Lagerstromia Tuscarora	Hot Pink Crepe Myrtle	5m x 4m	Exotic	200 lt	As Shown
Magnolia 'Teddy Bear'	Magnolia	4m x 3m	Exotic	100lt	As shown
Plumeria rubra	Frangipani	5m x 4m	Exotic	200 lt	As Shown
Shrubs					
Agave attenuata 'Blue Flame'	Blue Flame	0.6 x 0.9m	Exotic	200mm	4/m2
Kalanchoe orgyallis 'Copper Spoons'	Copper Spoons	1.5 x 1m	Exotic	200mm	2/m2
Kalanchoe bracteata 'Silver Spoons'	Silver Spoons	1.5 x 1m	Exotic	200mm	2/m2
Westringia fruticosa 'Grey Box'	Coastal Rosemary	1m x 1m	Native	200mm	2/m2
Zamia furfuracea	Cardboard Palm	1m x 1m	Exotic	200mm	2/m2
Climbers, Grasses & Ground Covers					
Carpobrotus glaucescens	Pig Face	0.2 (spreads)	Exotic	200mm	2/m2
Hibbertia scandens	Guinea Flower	0.2 (spreads)	Native	200mm	2/m2
Pandorea jasminoides	Bower Vine	0.2 (spreads)	Native	200mm	As Shown
Senecio serpens	Blue Chalk Sticks	0.2 (spreads)	Exotic	200mm	4/m2



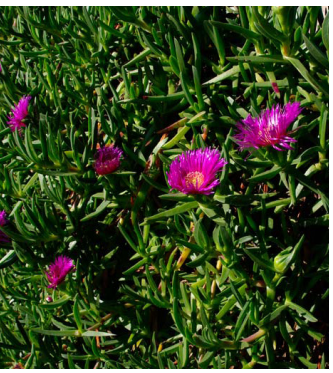
Lagerstromia Tuscarora



Magnolia 'Teddy Bear'



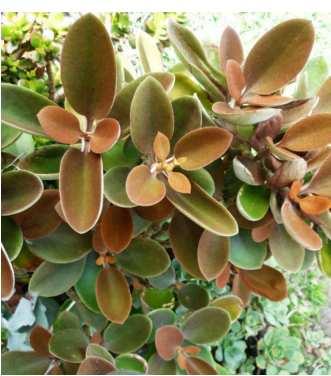
Plumeria rubra



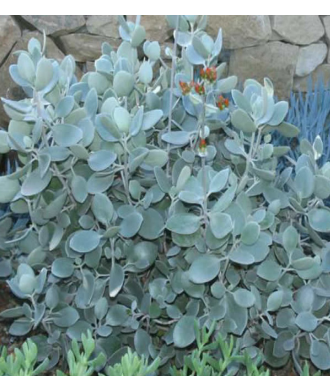
Carpobrotus glaucescens



Agave attenuata 'Blue Flame'



Copper Spoons



Silver Spoons



Westringia 'Grey Box'



Zamia furfuracea



Hibbertia scandens



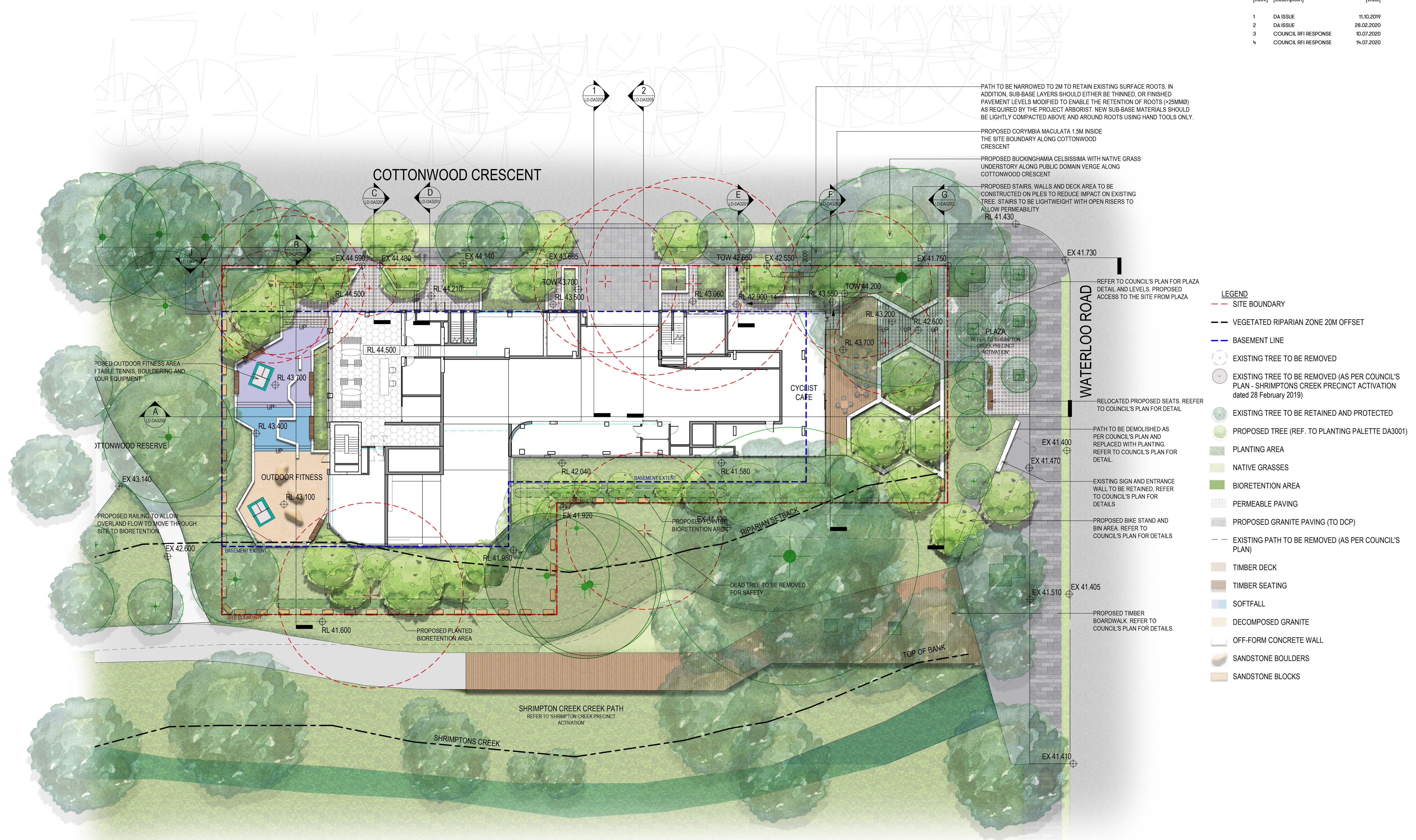
Pandorea jasminoides



Senecoi serpens

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1	DA ISSUE	11.10.2019
2	DA ISSUE	28.02.2020
3	COUNCIL RFI RESPONSE	10.07.2020
4	COUNCIL RFI RESPONSE	14.07.2020



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4	COUNCIL RFI RESPONSE	14.07.2020

PATH TO BE NARROWED TO 2M TO RETAIN EXISTING SURFACE ROOTS. IN ADDITION, SUB-BASE LAYERS SHOULD EITHER BE THINNED, OR FINISHED PAVEMENT LEVELS MODIFIED TO ENABLE THE RETENTION OF ROOTS (>25MMØ) AS REQUIRED BY THE PROJECT ARBORIST. NEW SUB-BASE MATERIALS SHOULD BE LIGHTLY COMPACTED ABOVE AND AROUND ROOTS USING HAND TOOLS ONLY.

PROPOSED BUCKINGHAMIA CELSISSIMA WITH NATIVE GRASS UNDERSTORY ALONG PUBLIC DOMAIN VERGE ALONG COTTONWOOD CRESCENT

REFER TO COUNCIL'S PLAN FOR PLAZA DETAIL AND LEVELS. PROPOSED ACCESS TO THE SITE FROM PLAZA

PLAZA
REFER TO SHRIMPTON CREEK PRECINCT ACTIVATION

WATERLOO ROAD

PATH TO BE DEMOLISHED AS PER COUNCIL'S PLAN AND REPLACED WITH PLANTING. REFER TO COUNCIL'S PLAN FOR DETAIL.

EXISTING SIGN AND ENTRANCE WALL TO BE RETAINED, REFER TO COUNCIL'S PLAN FOR DETAILS

PROPOSED BIKE STAND AND BIN AREA. REFER TO COUNCIL'S PLAN FOR DETAILS

EXISTING TREE TO BE RETAINED AND PROTECTED

PROPOSED TREE (REF. TO PLANTING PALETTE DA3001)

PLANTING AREA

NATIVE GRASSES

BIORETENTION AREA

PERMEABLE PAVING

PROPOSED GRANITE PAVING (TO DCP)

EXISTING PATH TO BE REMOVED (AS PER COUNCIL'S PLAN)

TIMBER DECK

TIMBER SEATING

SOFTFALL

DECOMPOSED GRANITE

OFF-FORM CONCRETE WALL

SANDSTONE BOULDERS

SANDSTONE BLOCKS

LEGEND

— SITE BOUNDARY

— VEGETATED RIPARIAN ZONE 20M OFFSET

— BASEMENT LINE

— EXISTING TREE TO BE REMOVED

— EXISTING TREE TO BE REMOVED (AS PER COUNCIL'S PLAN - SHRIMPTONS CREEK PRECINCT ACTIVATION dated 28 February 2019)

— EXISTING TREE TO BE RETAINED AND PROTECTED

— PROPOSED TREE (REF. TO PLANTING PALETTE DA3001)

— PLANTING AREA

— NATIVE GRASSES

— BIORETENTION AREA

— PERMEABLE PAVING

— PROPOSED GRANITE PAVING (TO DCP)

— EXISTING PATH TO BE REMOVED (AS PER COUNCIL'S PLAN)

— TIMBER DECK

— TIMBER SEATING

— SOFTFALL

— DECOMPOSED GRANITE

— OFF-FORM CONCRETE WALL

— SANDSTONE BOULDERS

— SANDSTONE BLOCKS

COTTONWOOD CRESCENT

EX 44.876

EX 44.140

EX 42.550

RL 41.430

EX 41.730

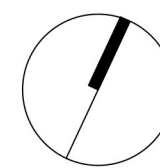
EX 41.400

EX 41.510

EX 41.405

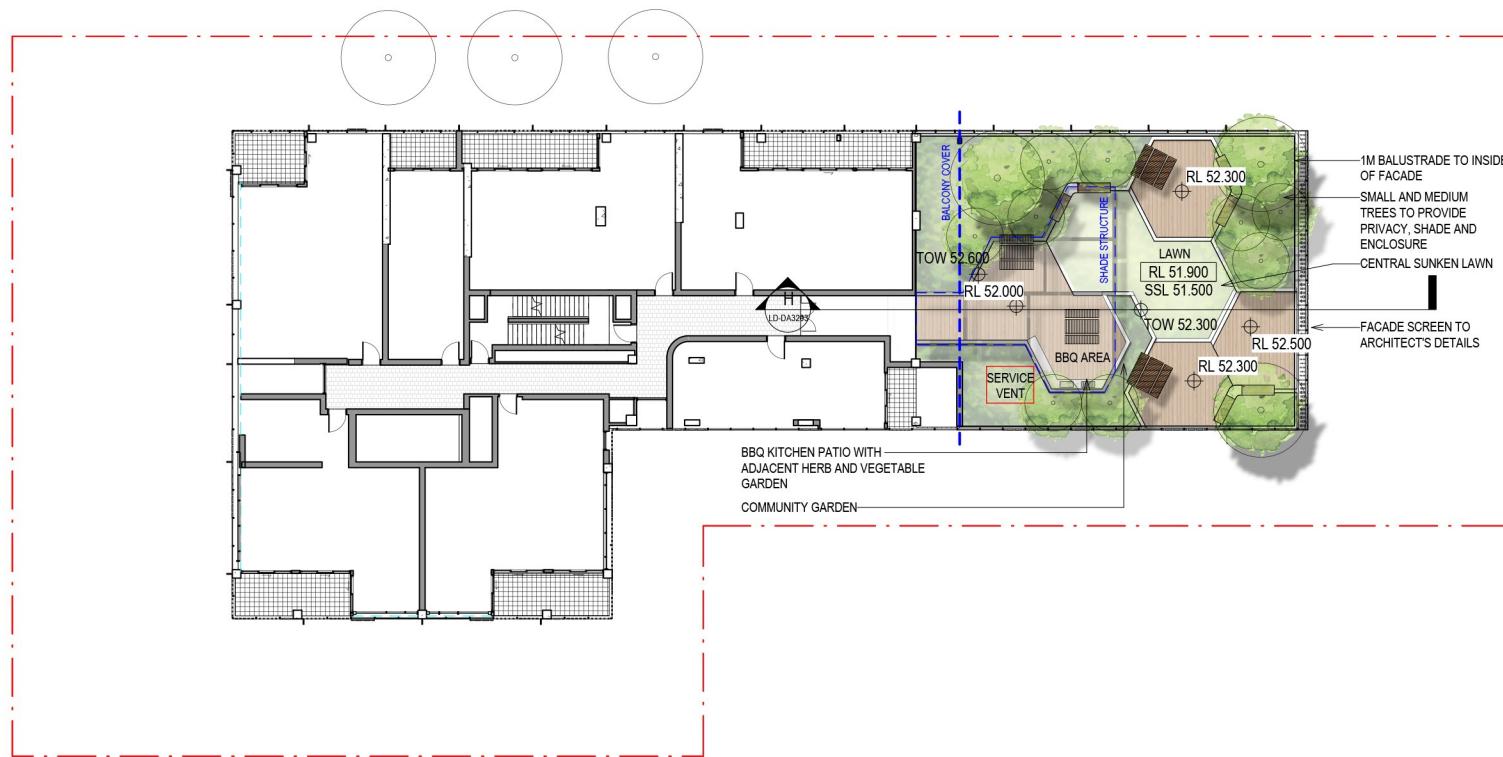
EX 41.410

SHRIMPTON CREEK CREEK PATH
REFER TO SHRIMPTON CREEK PRECINCT ACTIVATION



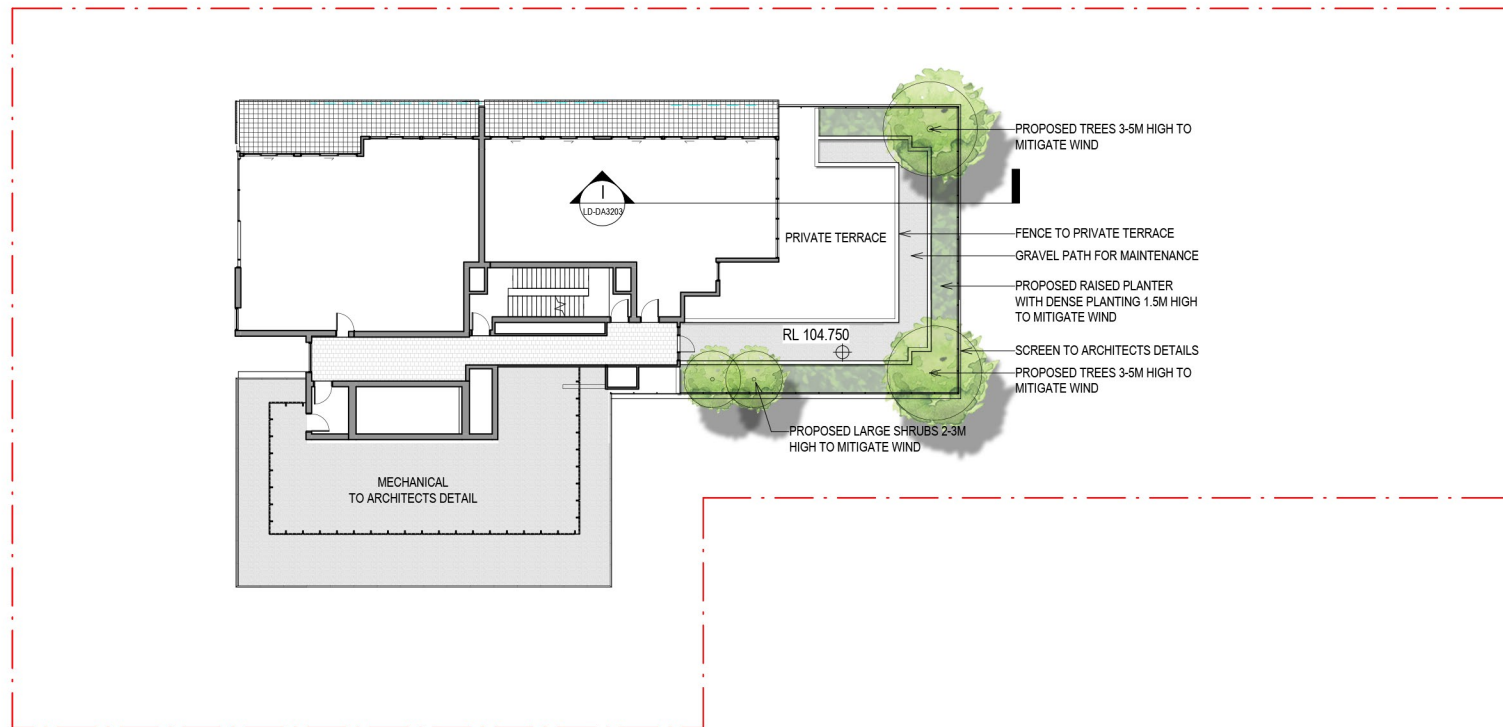
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1 Level 2 Communal Open Space
1 : 200

- LEGEND**
- SITE BOUNDARY
 - PROPOSED TREE AND LARGE SHRUBS (REF. TO PLANTING PALETTE IN REPORT)
 - RPA RAISED PLANTING AREA
 - LAWN
 - TIMBER DECKING
 - OFF-FORM CONCRETE WALL
 - GRAVEL

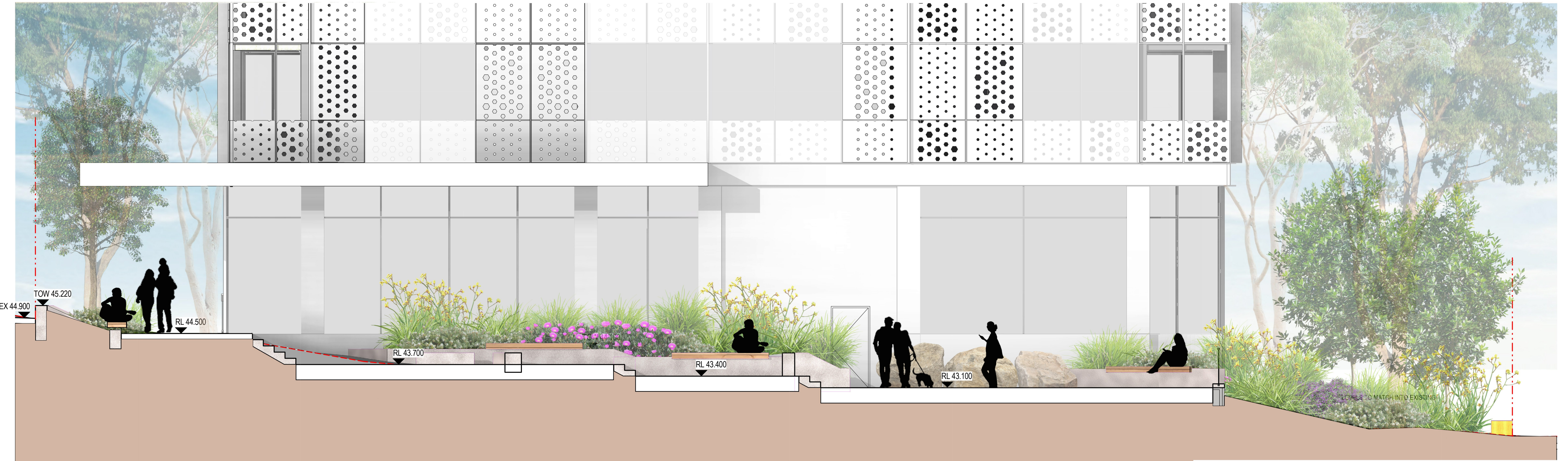


2 Level 19 Private Terrace
1 : 200





A - Ground Floor 1
1 : 100



B - Ground Floor 2
1 : 50

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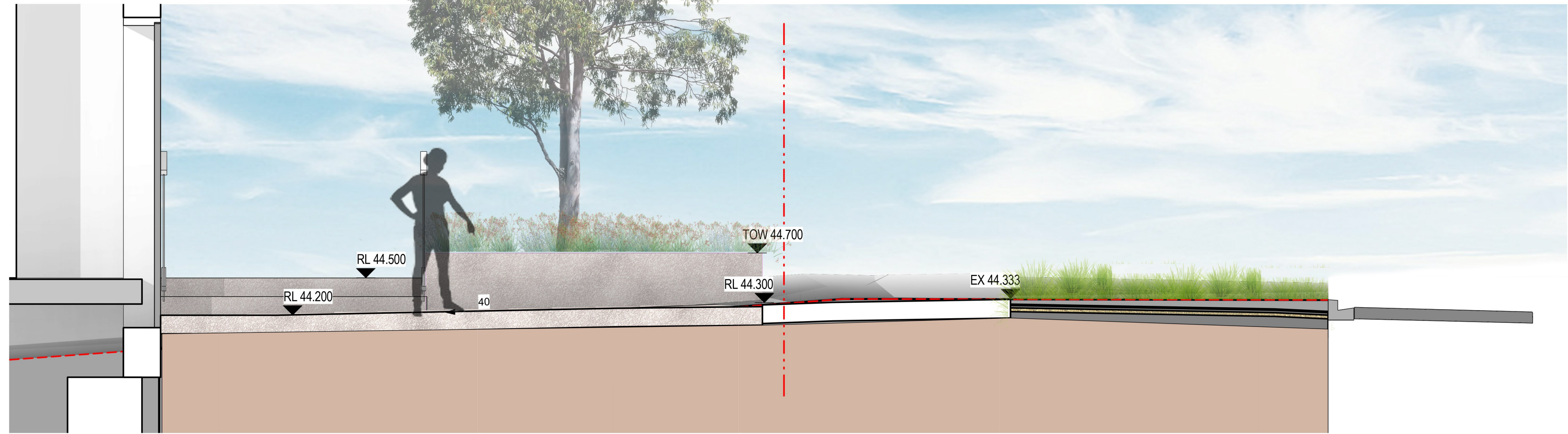
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C - Ground Floor 3
1 : 25



D - Ground Floor 4
1 : 25



E - Ground Floor 5
1 : 25

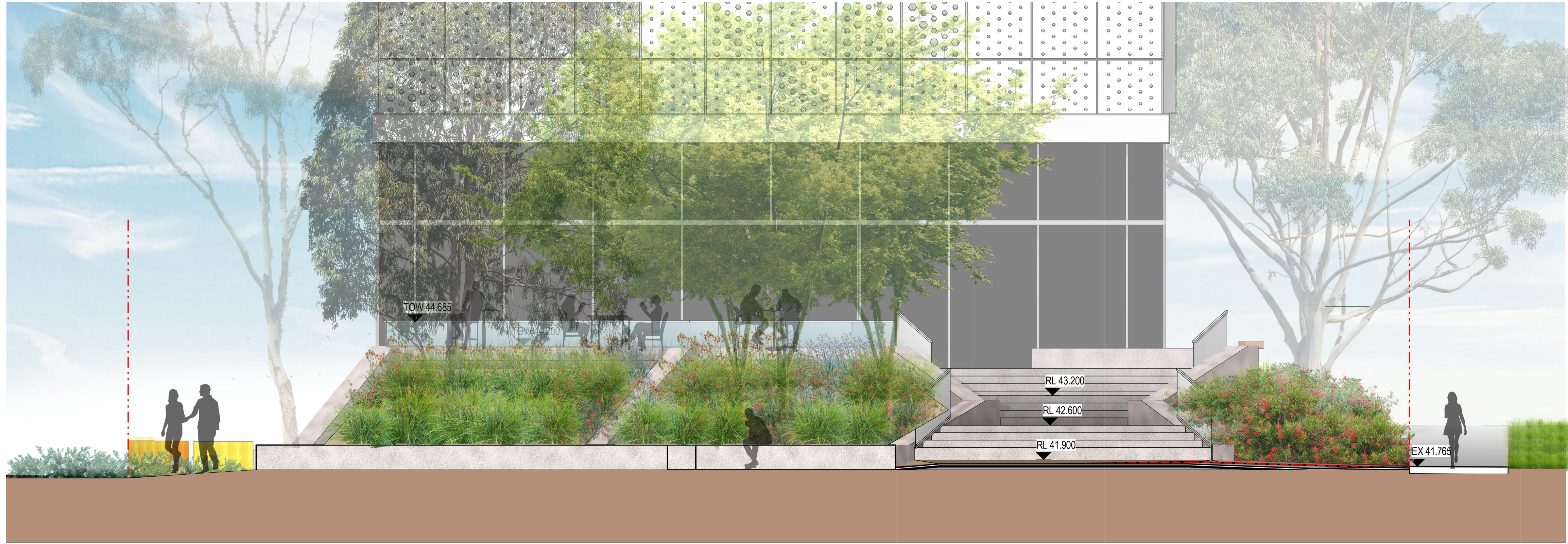
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F

F - Ground Floor 6

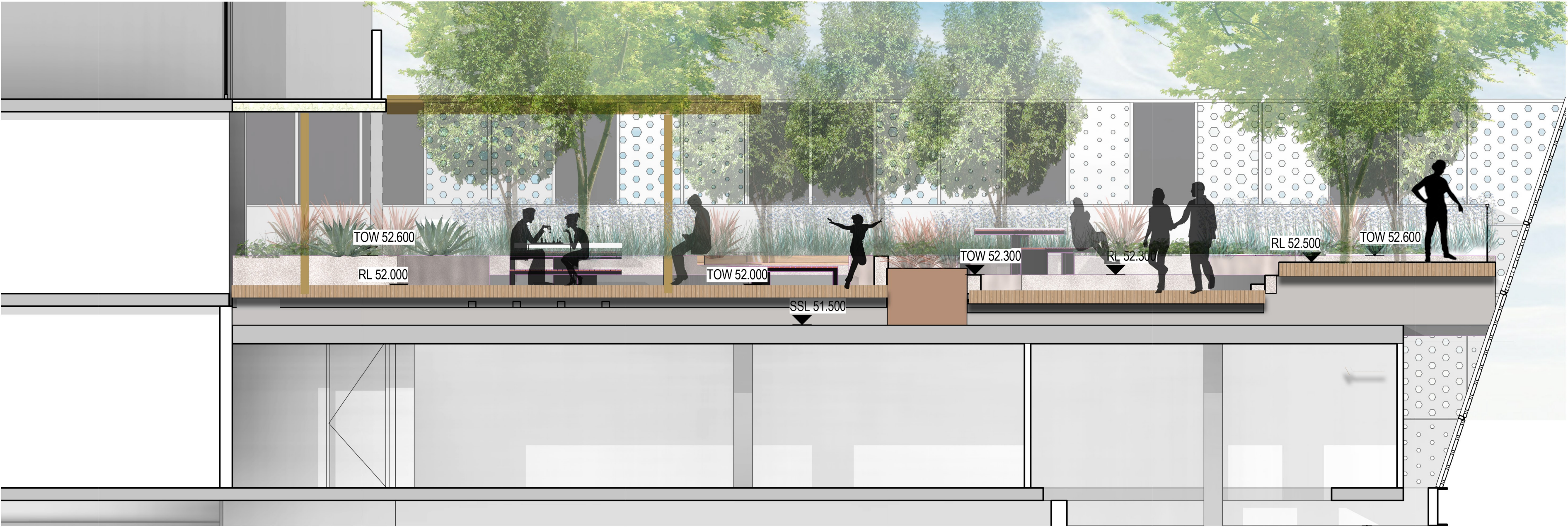
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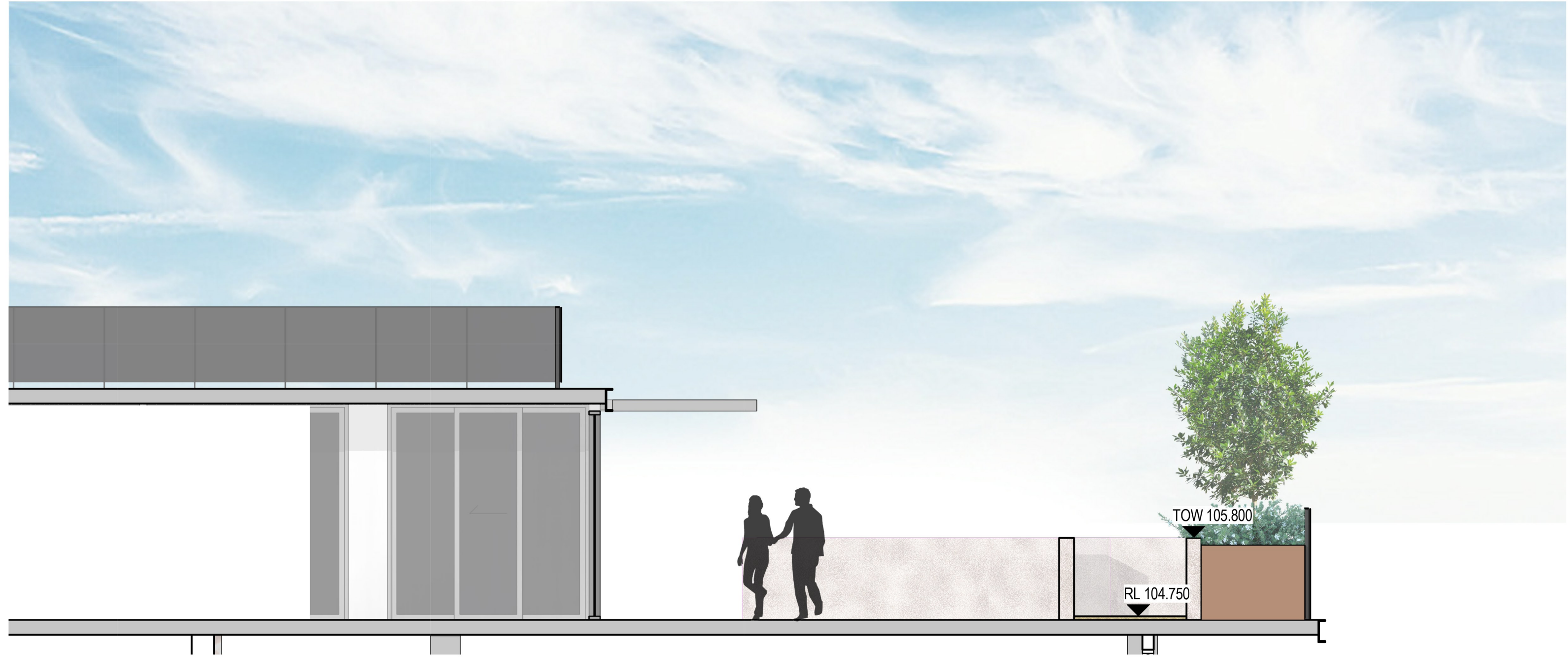
G

G - Ground Floor 7

1 : 50



H- Level 2 Terrace
1 : 50



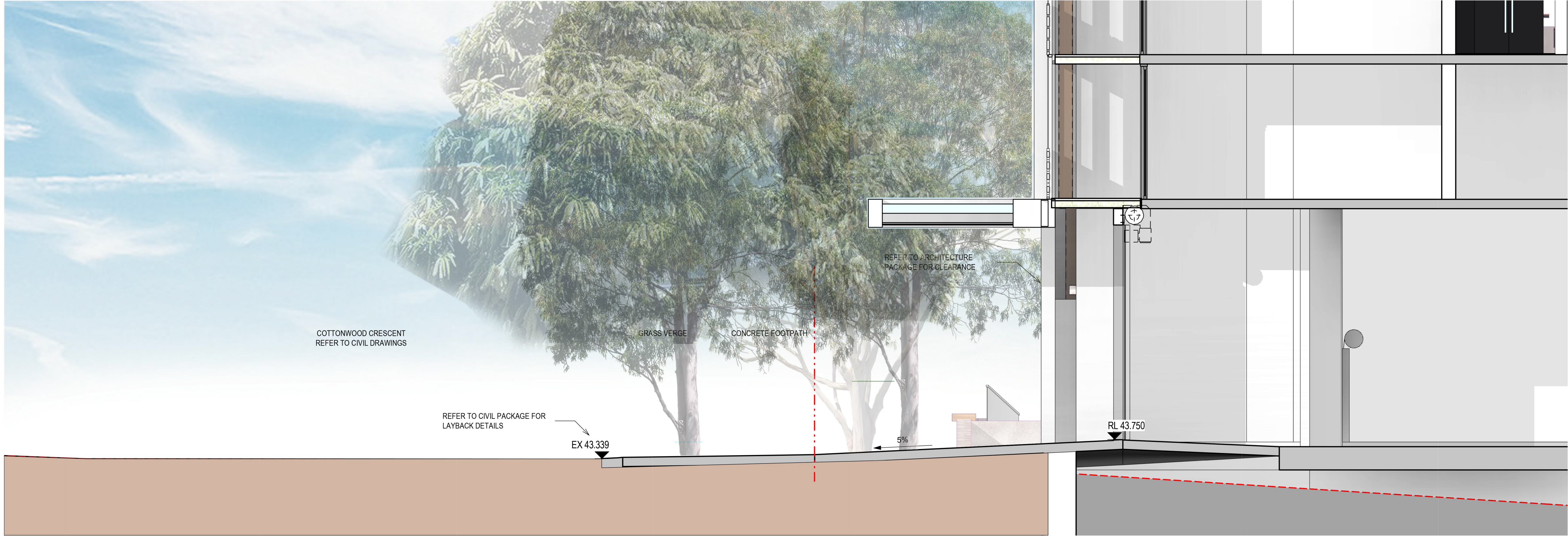
I - Level 19 Terrace
1 : 50



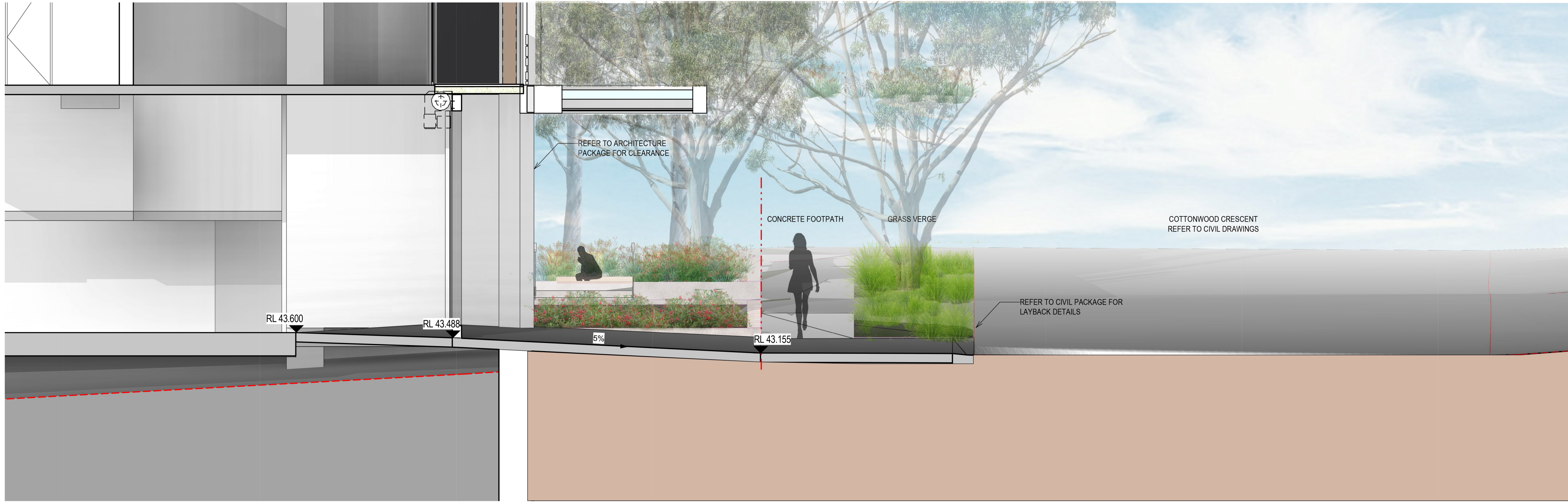
J

J - Cottonwood Crescent

1 : 200



1 DRIVEWAY SECTION 1
1:50



2 DRIVEWAY SECTION 2
1:50

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