# Railway Street Apartments | Landscape DA Package

# 75-85 Railway Street, Rockdale NSW 2216

# Drawing register:

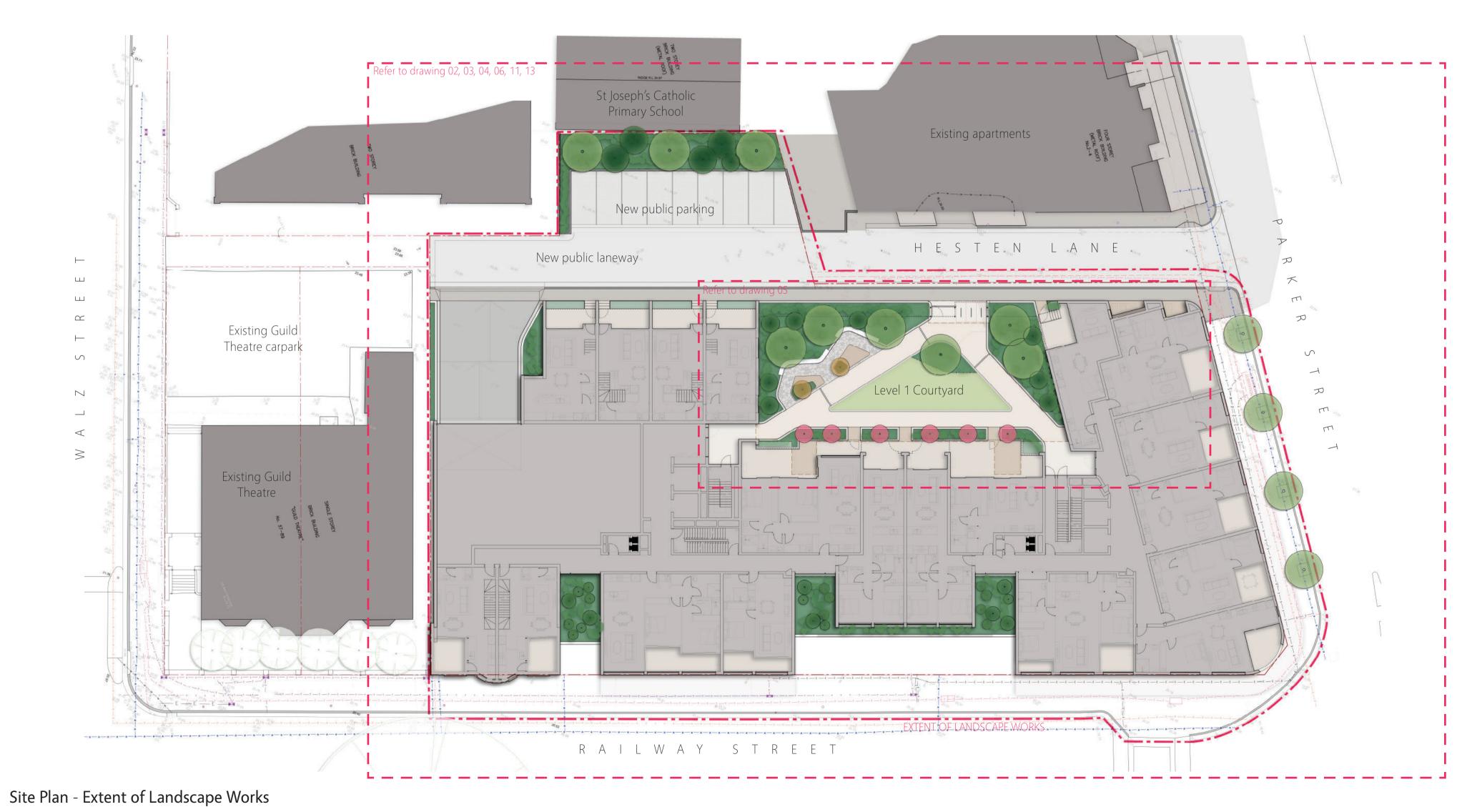
Drawing No.:	Drawing title:
2322-01	Titlesheet: Drawing Register, General Notes & Extent of Landscape Works Plan
2322-02	Soil Depth Plan
2322-03	Landscape DA Plan - Ground Floor (Railway Street)
2322-04	Landscape DA Plan - Level 1 (Hesten Lane)
2322-05	Landscape DA Plan - Level 1 Courtyard Detail Plan
2322-06	Landscape DA Plan - Level 9 (Rooftop)
2322-07	Landscape Sections - Section A (Groundfloor - Railway Street)
2322-08	Landscape Sections - Section B (Level 1 - Hesten Lane)
2322-09	Landscape Sections - Section C (Level 1 - Hesten Lane)
2322-10	Landscape Sections - Section D (Level 9)
2322-11	Planting DA Plan - Ground Floor (Railway Street) & Level 1 (Hesten Lane)
<del>2322-12</del>	Planting DA Plan - Level 3 & 4 (Podium Planters)
2322-13	Planting DA Plan - Level 3 & Level 9 (Rooftop)
2322-14	Plant DA Schedule, Plant Images
2322-15	Plant DA Schedule, Plant Images
2322-16	Maintenance Requirements & Management Plan, Typical Planting Details

# Project information:

Client:	Eloura Holdings
Site:	Lot 101 in DP 771165, Lot 3 in DP 82942, Lot 1 in DP 455421, Lot 1 in DP 912313, Lot 1 in DP 3560, known as 75-85 Railway Street, Rockdale NSW 2216
LGA:	Bayside Council
Landscape architect:	Paddock Landscape Architects
Architect:	Studio Johnston
BCA & Access:	AE&D
Waste Management:	Elephants Foot
Traffic Engineer:	Traffix
Electrical Engineer:	Joeliane
Hydraulic Engineer:	DLT
Fire Consultant:	Erbas
Geotech:	El Australia
Civil Engineer:	CEC
Planner:	ABC Planning
Surveyor:	Higgins Surveyors
Arborist:	Greenspaces

# General notes:

- + Not for pricing or construction.
- + Subject to detailed design and documentation.
- + Subject to Council approvals.
- + Refer to engineer documentation for all external services, including stormwater drainage, electrical (including lighting), hydraulic etc.
- + All existing site levels within landscape softscape zones to be retained, unless otherwise documented.
- + Structures, shelters, podiums, stairs, pavement design, fences, walls, balustrades, furniture etc subject to detailed design and engineering design.
- + Planting subject to availability at time of tender and construction.
- + All landscape areas within property boundary (excluding laneway) including deep soil at-grade and on-podium garden and lawn areas to include a fully automated irrigation system, subject to detailed design by a suitably qualified irrigation consultant.
- + All streetscape works, including existing trees, are to be retained and protected. Any damage to street trees or streetscape works are to be made good at the contractors expense.





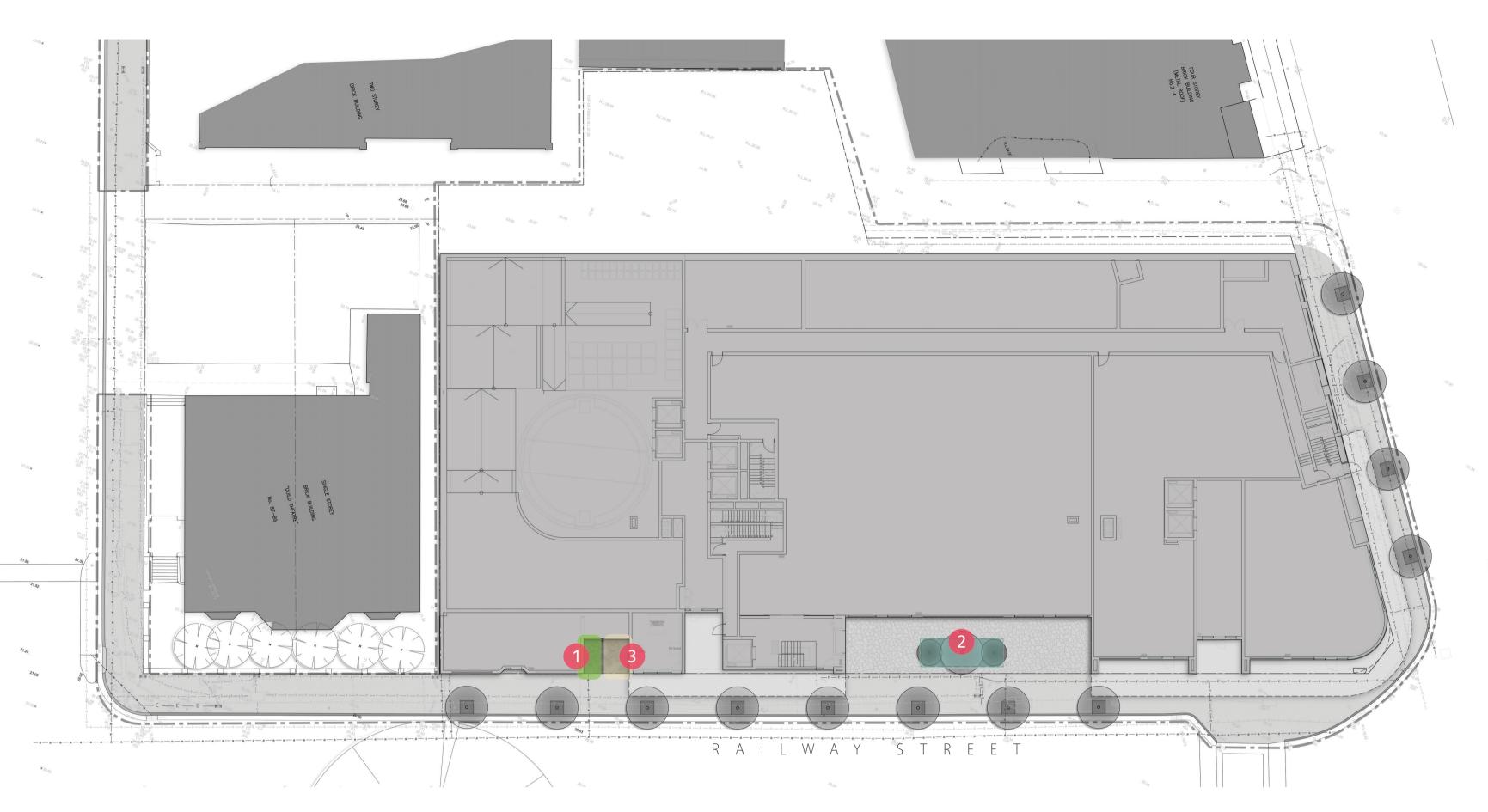




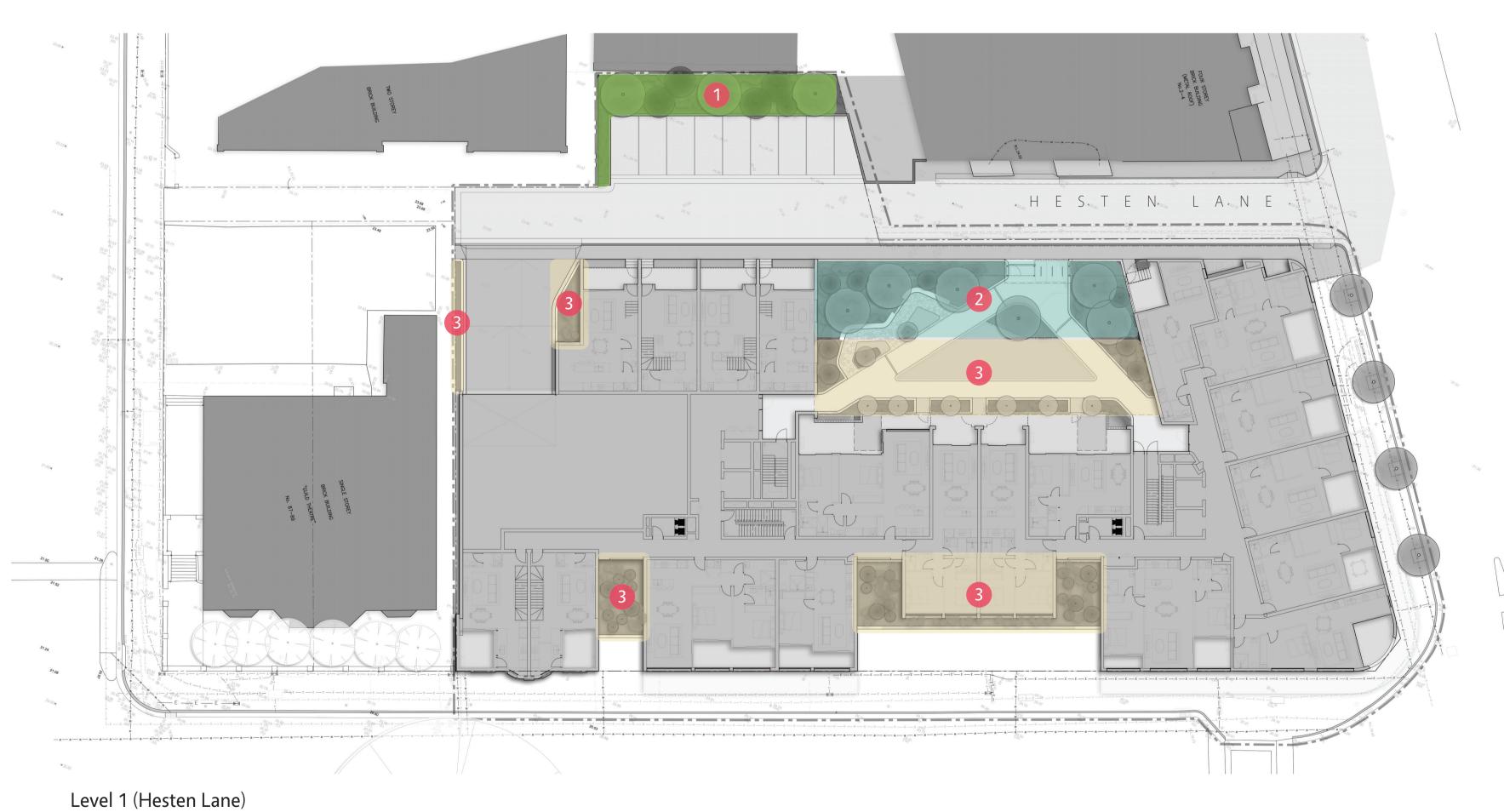


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# Groundfloor (Railway Street) Scale 1:300



# Scale 1:300

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Registered Landscape Architects AILA 1761 AILA 1761 ABN 82 628 312 274 Australian Institute of Landscape Architects ACN 628 312 274

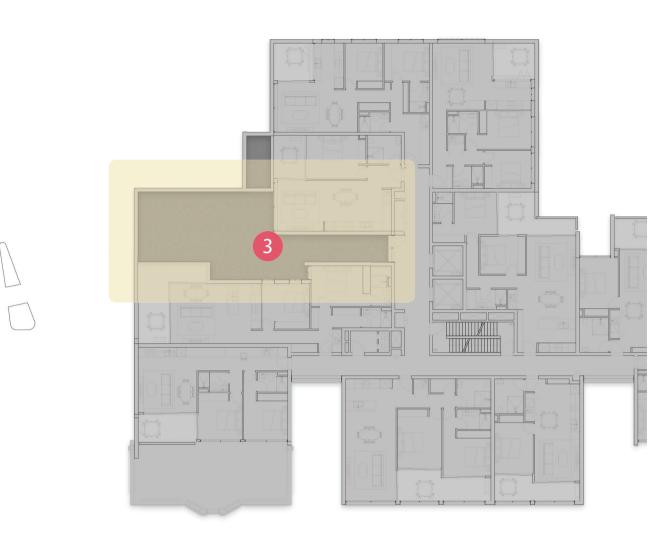
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Legend:

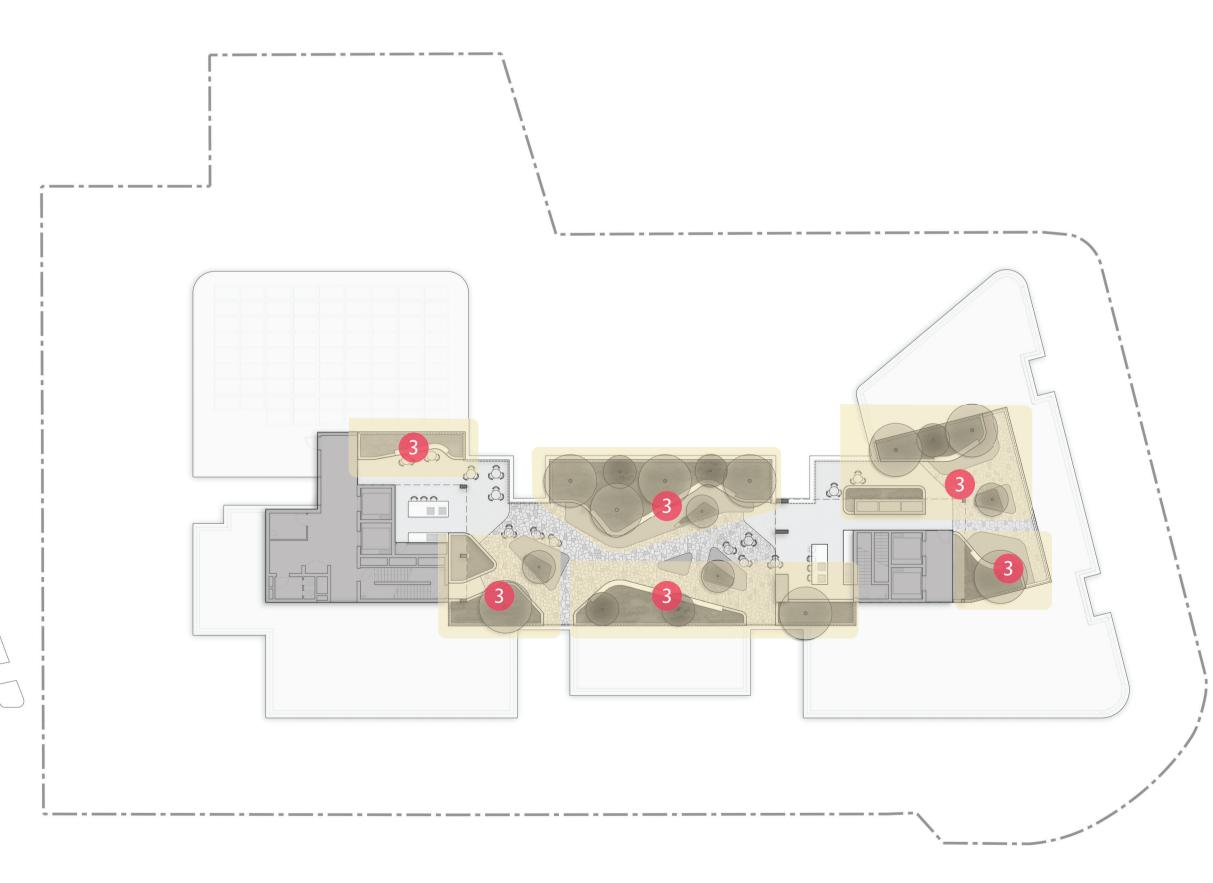
Planting in deep soil Total area =  $89.0 \text{ m}^2$ 

> Planting on podium structure, soil depth approximately 3-3.7m Total area =  $136.0 \text{ m}^2$

Planting on podium structure, soil depth 0.6-1.1m Total area =  $474.0 \text{ m}^2$ 



Level 3 Scale 1:300



**Level 9 (Rooftop Garden)**Scale 1:300

Eloura

Issue: Date: Reason:

24.11.23 For DA Submission 11.07.24 For DA Submission

02.12.24 For DA Submission

13.01.25 For DA Submission

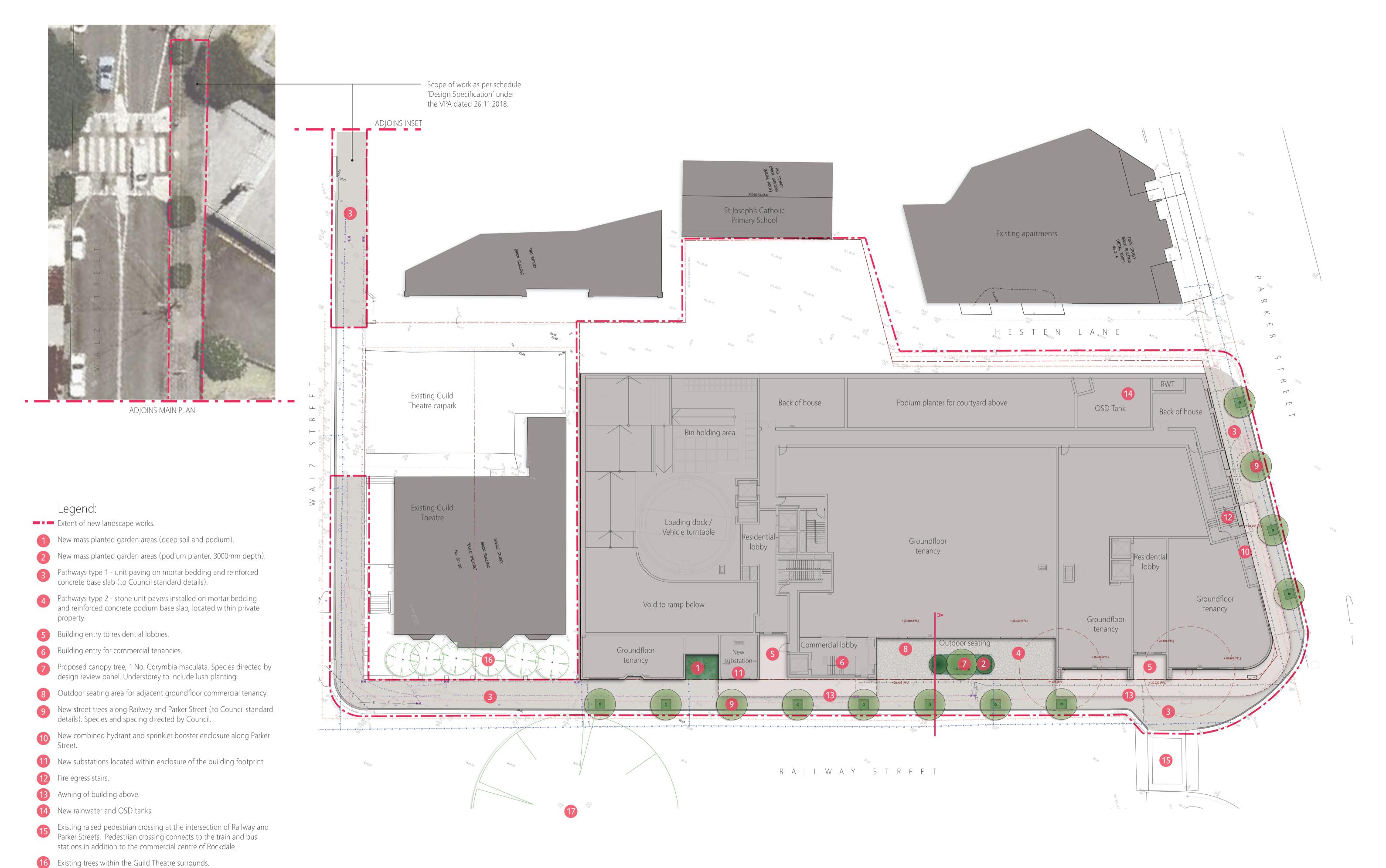
25.07.24 For DA Submission

DW DW DW

Project: Railway Street Apartments 75-85 Railway Street, Rockdale NSW 2216

Title: Soil Depth Plan

Project No.: 2322 Date: 13.01.25 Scale: 1:300 @ A1 Drawing:





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Existing significant Ficus macrophylla on eastern side of Railway



02.12.24 For DA Submission

13.01.25 For DA Submission

Reviewed by:

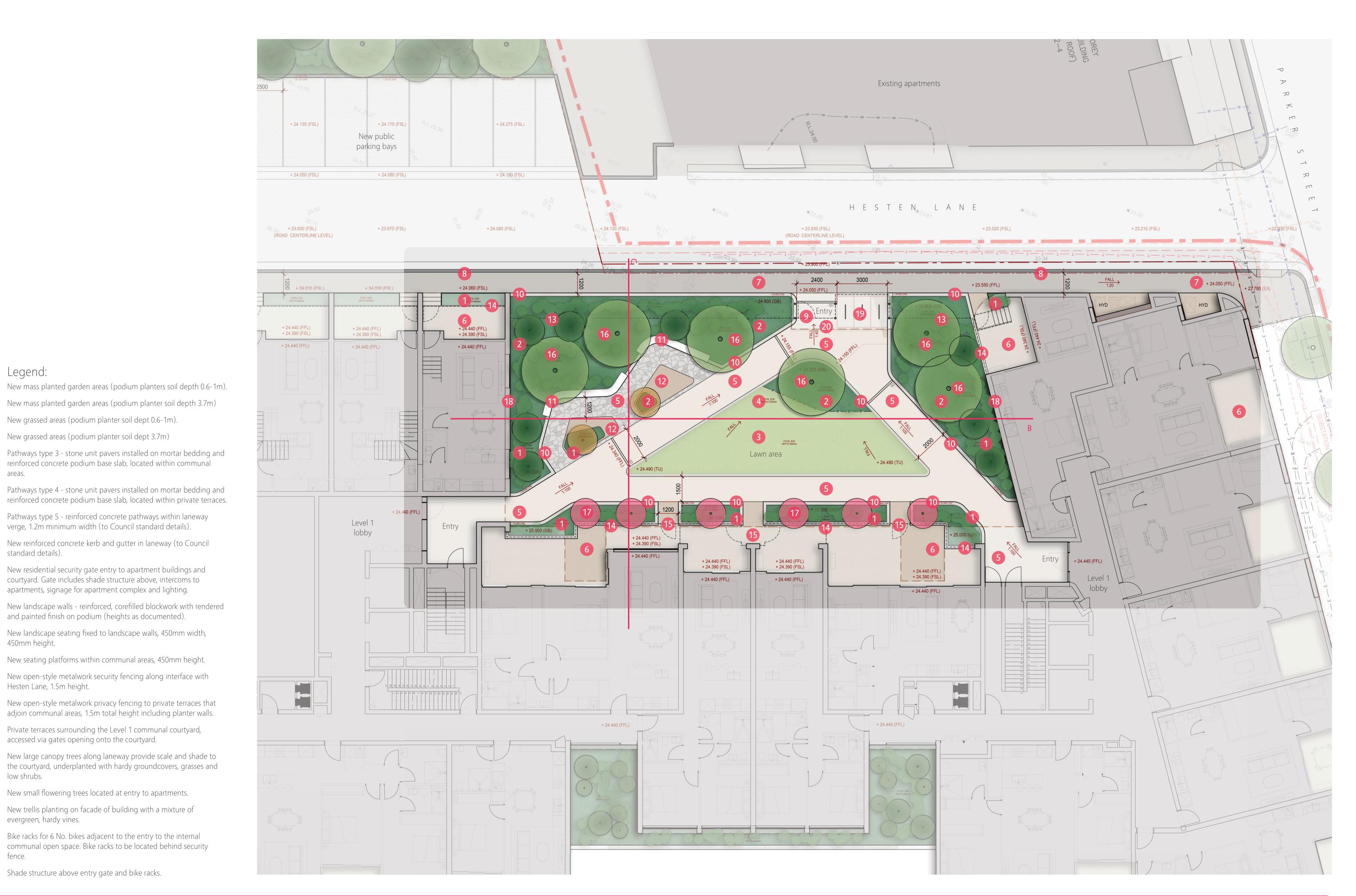
DW DW DW

# St Joseph's Catholic Primary School Existing apartments Existing Guild Theatre carpark Basement vehicle access Existing Guild RAILWAY STREET

# Legend:

- Extent of new landscape works.
- New mass planted garden areas (deep soil).
- New mass planted garden areas (podium planter, depth varies).
- Pathways type 4 stone unit pavers installed on mortar bedding and reinforced concrete podium base slab, located within private terraces.
- Pathways type 5 reinforced concrete pathways within laneway verge, 1.2m minimum width (to Council standard details).
- New reinforced concrete kerb and gutter in laneway (to Council
- New reinforced concrete vehicle crossovers within laneway (to Council standard details).
- New asphaltic concrete laneway with reinforced concrete kerbs (to Council standard details). Refer to civil engineer documentation for new laneway grading.
- New public parking bays, 5.4m length by 2.5m width. New retaining wall and kerb along rear of parking bays (no wheelstops required).
- New reinforced corefill concrete blockwork retaining wall. Refer to civil engineer documentation detail.
- New rainwater and OSD tanks located below.
- Lush planting with ferns low palms and small shrubs to provide scale to building along Railway Street.
- New large canopy trees along laneway, underplanted with hardy groundcovers, grasses and low shrubs.
- New trellis planting on facade of building with a mixture of evergreen, hardy vines.
- New open-style metalwork sercurity fencing along interface with Hesten Lane, 1.5m height.
- New metalwork boundary fence, 1.8m height.
- New street trees along Parker Street (to Council standard details). Species and spacing directed by Council.

13.01.25 For DA Submission





fence.

Legend:

areas.

450mm height.

low shrubs.

evergreen, hardy vines.

Hesten Lane, 1.5m height.

New grassed areas (podium planter soil dept 0.6-1m).

New grassed areas (podium planter soil dept 3.7m)

verge, 1.2m minimum width (to Council standard details).

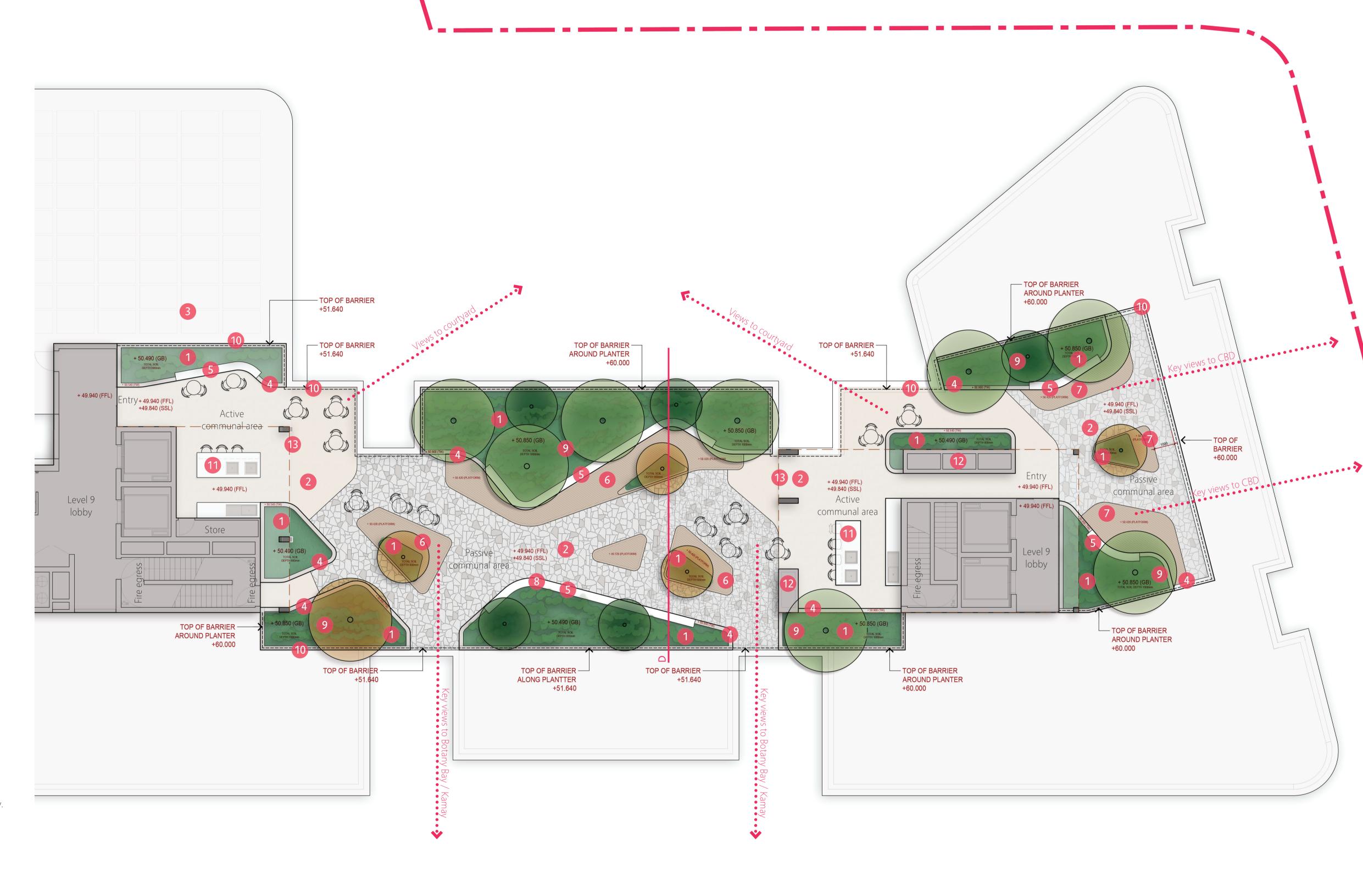
apartments, signage for apartment complex and lighting.

accessed via gates opening onto the courtyard.

New small flowering trees located at entry to apartments.

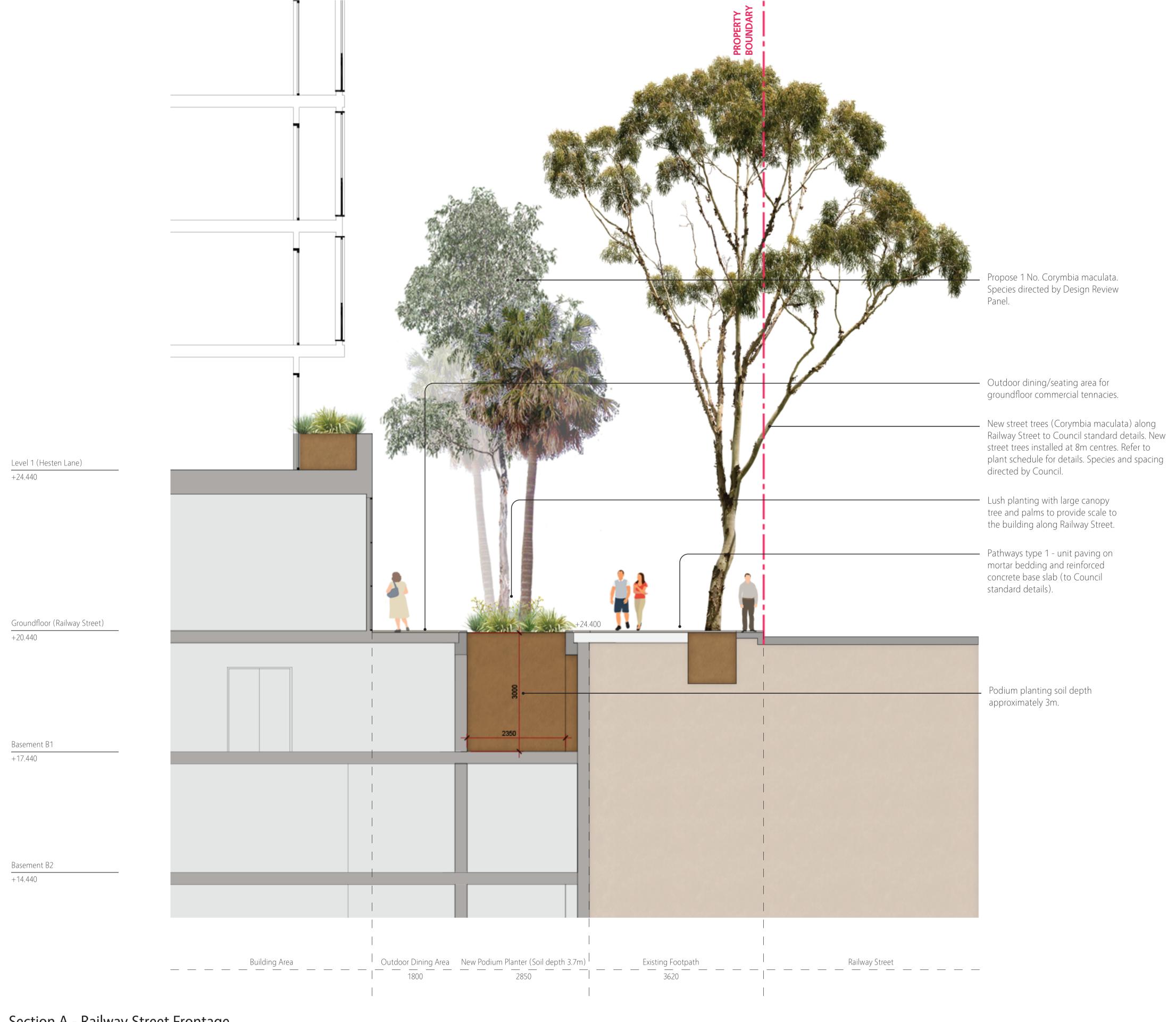
New trellis planting on facade of building with a mixture of

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# Legend:

- 1 New mass planted garden areas (podium planter soil dept 0.6-1m).
- Pathways type 3 stone unit pavers installed on mortar bedding and reinforced concrete podium base slab, located within communal areas.
- 3 Solar PV Array (Powering Communal Spaces)
- New landscape walls reinforced, corefilled blockwork with rendered and painted finish on podium (heights as documented).
- New landscape seating fixed to landscape walls, 450mm width, 450mm height.
- 6 New terraced seating platforms provides views to Botany Bay/Kamay.
- New terraced seating platforms provides views to the CBD and the
- Low seating and garden areas provide greenery and protection from the wind without compromising views to the east.
- Larger depth planting areas to the west provide a backdrop for the space. Area caters for larger depth planters to accommodate small
- Balustrade barrier, heights vary. Glass wind barriers.
- Outdoor communal kitchen area including central island bench with bbqs and seating. Bench along rear wall includes a sink and storage.
- 12 Vents from lower floors refer to architectural documentation.
- Cover roof overhang to provide weather protection to communal



Section A - Railway Street Frontage Scale: 1:50 @A1





Section B - Building & Communal Open Space along Hesten Lane Scale: 1:50 @A1



Registered Landscape Architects
AILA 1761
ABN 82 628 312 274
ACN 628 312 274

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Not for pricing or construction. Drawing to be read in conjunction with all relevant project and consultant documentation.

Issue: Date: Reason:

A 24.11.23 For DA Submission
B 11.07.24 For DA Submission
C 25.07.24 For DA Submission
D 02.12.24 For DA Submission
E 13.01.25 For DA Submission

Reviewed by:

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Project: Railway Street Apartments 75-85 Railway Street, Rockdale NSW 2216

Eloura

Title: Landscape Sections
Section B

Project No.: 2322

Date: 13.01.25

Scale: 1:50 @ A1

Drawing: Iss



Section C - Building & Communal Open Space along Hesten Lane Scale: 1:50 @A1



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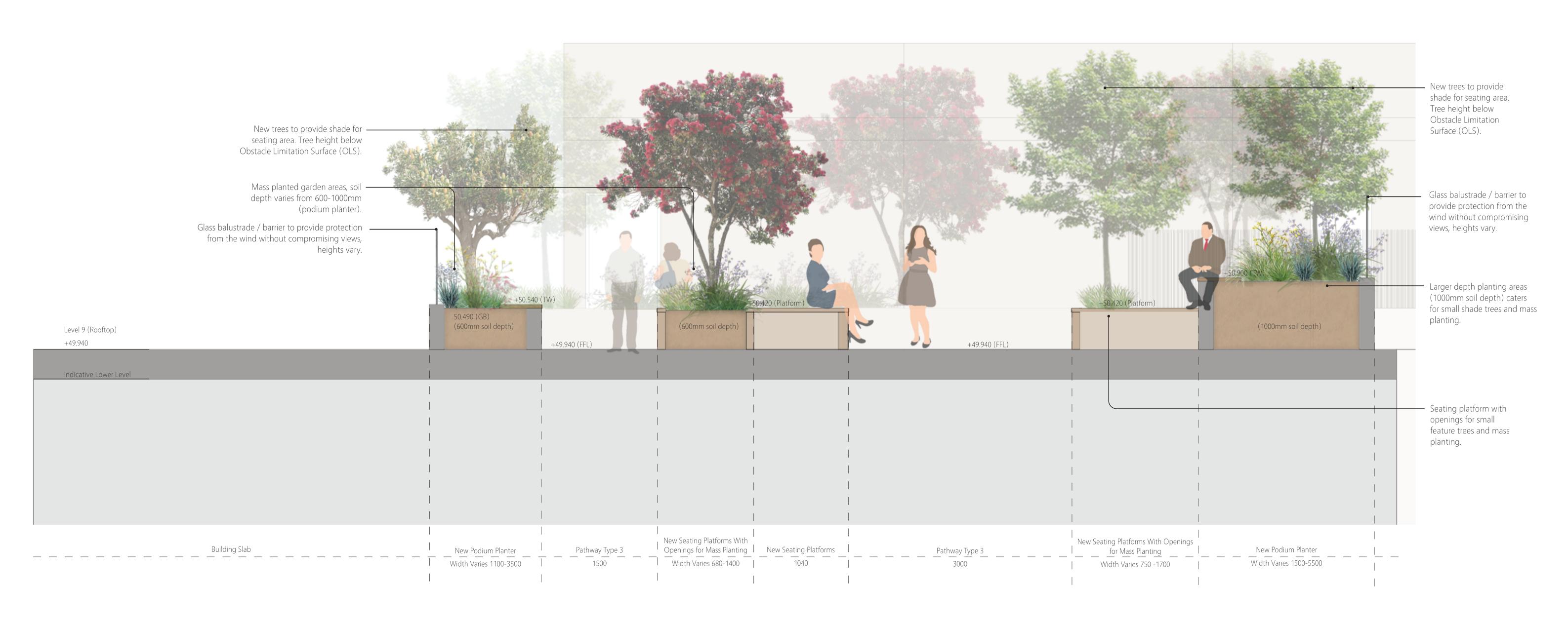


Title: Landscape Sections Section C

Project No.: 2322 Scale:

13.01.25 1:50 @ A1

Drawing: 2322-09



Section D - Rooftop Communal Open Space Scale: 1:25 @A1



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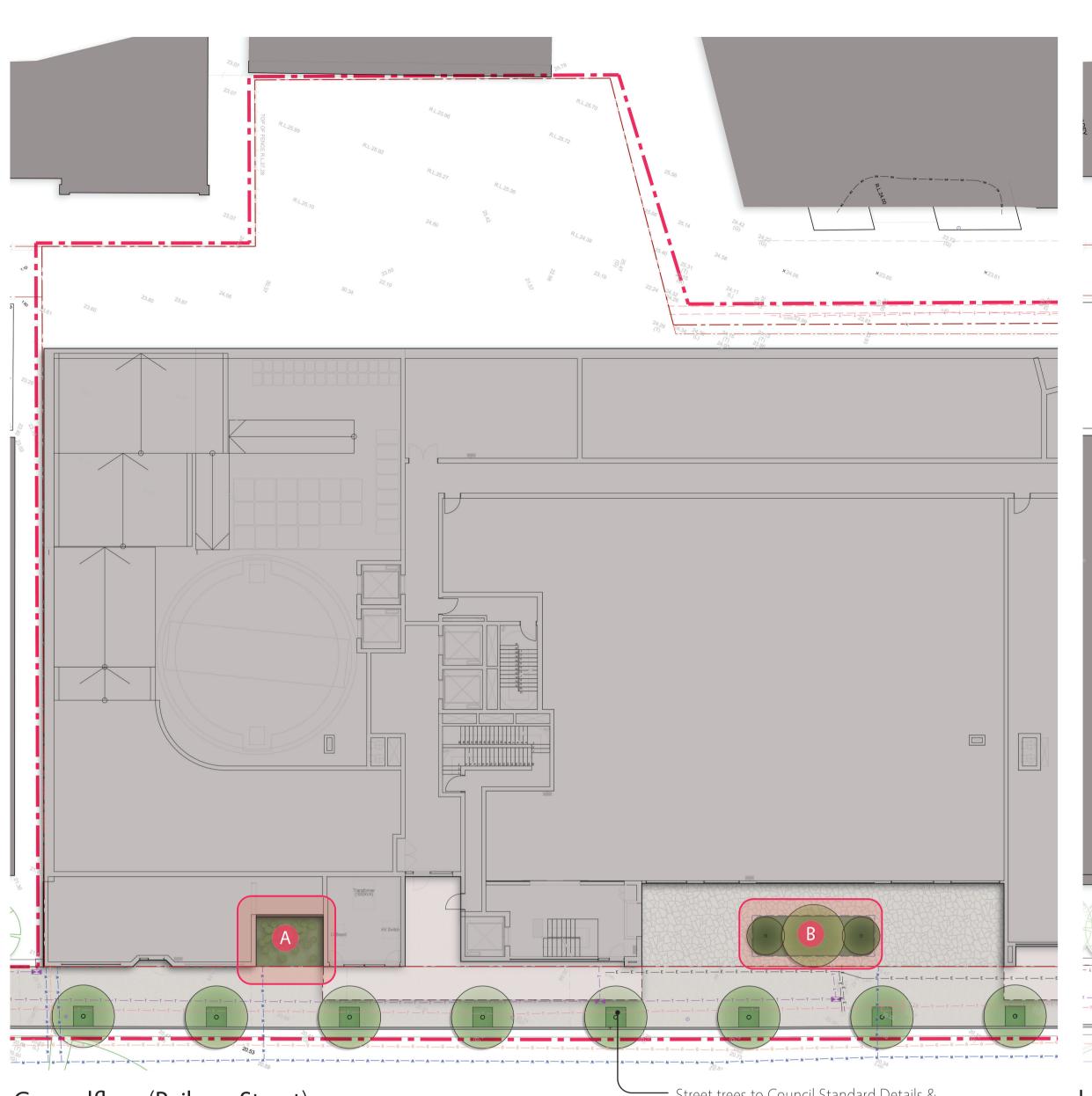
Title: Landscape Sections
Section D

Project No.: 2322

Date: 13.01.25

Scale: 1:25 @ A1

2322 13.01.25 1:25 @ A1 Drawing: Issue 2322-010



Groundfloor (Railway Street)
Scale: 1:100 @A1

Area A:

## Quantity: Groundcovers: DIC rep VIO hed

Grasses, Ferns & Broad-leaved: ALC imp SP ASP ela ASP aus BLE gib DIA cae LJ LOM Ion T

Area B:

Code	Quantity:	
Groundcovers:		
DIC rep	30	
VIO hed	30	
Grasses, Ferns & Broad-leaved :		
ALC imp SP	3	
ASP aus	5	
BLE gib	9	
DIA cae LJ	18	
DOR exc	3	
LIR mus EG	12	
LOM Ion T	9	
Shrubs:		
RHA ind SM	5	
Trees:		
COR mac	1	
Palms:		
LIV aus	2	

 Street trees to Council Standard Details & Requirements. Corymbia Maculata at 8m spacing. Species selection and spacing directed by Council. Refer to plant

schedule for details.

# Level 1 (Hesten Lane) Scale: 1:100 @A1

Area C:

Code	Quantity:
Groundcove	ers:
DIC rep	60
HIB sca	70
VIO hed	75
Grasses, Ferns + Broad-leaved :	
ALP zer	12
ALP nut	15
ASP ela	12
ASP aus	12
BLE gib	9
CYA coo	3
DIA CAE LJ	28
DOR exc	3
Shrubs:	
SYZ aus R	18

Area D:

Code	Quantity:
Groundcovers :	
DIC rep	120
GRE lan MT	48
HIB sca	40
VIO hed	120
Grasses, Ferns + Broad-leaved :	
ALP zer	24
DIA cae LJ	45
DOO asp	30
DOR exc	12
FIC nod	30
LOM hys	12
LOM Ion T	24
Shrubs :	
HAR vio	24
SYZ aus R	15
Trees:	
ANG cos	2
ELA eum	4
LOP con	1

Area E:

Code	Quantity:
Climbers :	
CIS ant	25
THU mys	25
Groundcove	rs:
CAS gla CI	35
CHR api	48
DIC arg SF	80
DIC rep	80
HIB sca	45
SEN man	40
VIO hed	120
Grasses, Ferr	ns + Broad-leaved :
ALC imp SP	18
ALP nut	54
ALP zer	36
ANI BG	24
ART cir	40
ASP ela	40
BLE gib	55
CLI min	30
DIA cae LJ	120
DIA rev	110

ode	Quantity:	Code	Quantity:		
mbers :		Grasses, Ferr	Grasses, Ferns + Broad-leaved :		
ant	25	DOR exc	18		
U mys	25	LIR mus EG	80		
oundcove	rs:	LOM Ion T	76		
S gla Cl	35	Shrubs :			
IR api	48	RHA ind SM	25		
C arg SF	80	SYZ aus R	22		
C rep	80	VIB odo EL	22		
3 sca	45	Trees:			
N man	40	ANG cos	6		
) hed	120	ELA eum	4		
asses, Ferns + Broad-leaved :		MAG gra TB	2		
C imp SP	18	WAT flo GA	4		
<sup>o</sup> nut	54	 Palms			
<sup>o</sup> zer	36	ARC cun	3		
I BG	24	LIV aus	3		
T cir	40	_			
P ela	40	_			
gib	55	_			
min	30	_			

Area F:

Code	Quantity:
Groundcovers:	
CAS gia CI	36
CHR api	55
DIC arg SF	60
DIC rep	55
HIB sca	30
SEN man	30
VIO hed	60
Grasses, Fern	s + Broad-leaved :
ALC imp SP	9
ALP nut	25
ALP zer	20
ANI BG	24
ART cir	30
ASP ela	20
BLE gib	24
CLI min	15
DIA cae LJ	25
DIA rev	20
DOR exc	7
LIR mus EG	70
LOM Ion T	50
Trees:	
PRU cer N	6

Area G:

Code	Quantity:
Groundcover	· s:
DIC rep	20
HIB sca	12
VIO hed	20
Grasses, Fern	s + Broad-leaved :
ALP nut	12
ALP zer	4
DIA cae LJ	12
LIR mus EG	12
Shrubs:	
RAP exc	12
RHA ind SM	4
SYZ aus R	8
	-

Area H:

Code	Quantity:	
Climbers :		
CIS ant	12	
THU mys	12	
Groundcover	·s:	
DIC rep	80	
VIO hed	110	
Grasses, Ferns + Broad-leaved :		
ALC imp SP	8	
ALP nut	26	
ASP aus	15	
ASP ela	30	
BLE gib	42	
CYA coo	6	
DIA cae LJ	45	
DOO asp	30	
DOR exc	9	
LIR mus EG	58	
Palms:		
ARC cun	5	

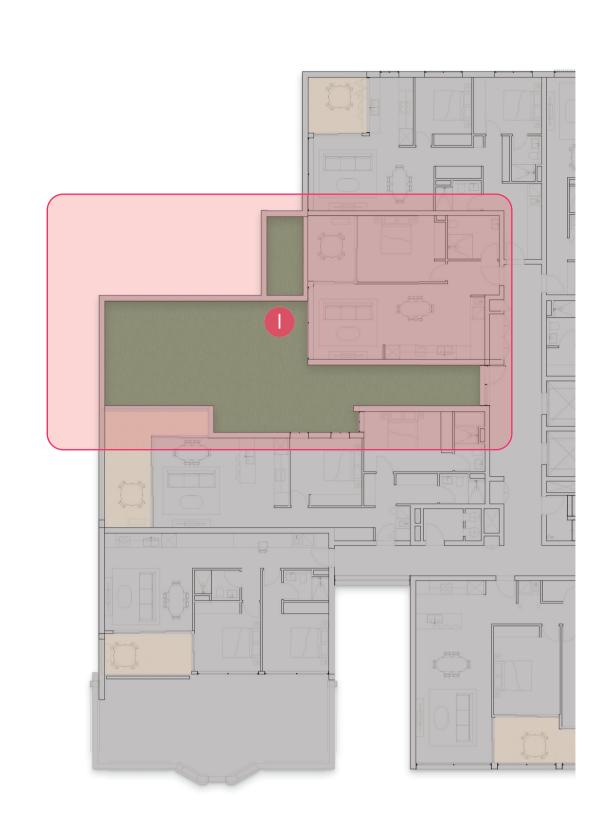
 Street trees to Council Standard Details & Requirements. . Corymbia Maculata

Species selection and

spacing directed by Council. Refer to plant

schedule for details.

at 8m spacing.



# **Level 3**Scale: 1:100 @A1

# Area I:

Code	Quantity:	
Groundcover	Groundcovers:	
DIC rep	62	
HIB sca	22	
VIO hed	62	
Grasses, Ferns + Broad-leaved:		
ALP nut	24	
ASP ela	24	
ASP aus	18	
BLE gib	32	
DIA cae LJ	64	
DOR exc	12	
LOM hys	12	
LOM Ion T	32	
Shrubs		
RHA ind SM	15	
WES fru GB	18	

# Level 9 (Rooftop) Scale: 1:100 @A1

# Area J:

Code	Quantity:	
Groundcover	rs:	
DIC rep	28	
HIB sca	10	
VIO hed	35	
Grasses, Ferns + Broad-leaved:		
ALC imp SP	5	
ALP nut	5	
ASP ela	8	
BLE gib	10	
DIA cae LJ	20	
LIR mus EG	14	
Shrubs		
SYZ aus R	5	
RHA ind SM	7	
	•	

# Area K:

Code	Quantity:			
Groundcovers:				
CAS gia CI	5			
DIC arg SF	5			
DIC rep	20			
HIB sca	10			
SEN man	10			
VIO hed	36			
Grasses, Feri	ns + Broad-leaved:			
DIA cae LJ	12			
DOR exc	3			
LIR mus EG	12			
LOM Ion T	15			
POA lab E	20			
Shrubs:				
COR alb	15			
HAR vio	18			
RHA ind SM	4			
SYZ aus R	4			
Trees:				
CUP ana	1			
PLU rub	1			

# Area L:

Groundcovers:				
35				
50				
25				
55				
40				
20				
27				
84				
Grasses, Ferns + Broad-leaved:				
30				
5				
20				
30				
_				
15				
13				
12				
Trees:				
2				
1				
1				

# Area M:

Code	Quantity:			
Groundcovers:				
CAS gia Cl	20			
CHR api	40			
DIC arg SF	60			
DIC rep	44			
GRE lan MT	30			
HIB sca	20			
SEN man	15			
VIO hed	80			
Grasses, Fern	s + Broad-leaved:			
DIA cae LJ	27			
DIA rev	20			
DOR exc	5			
LOM Ion T	45			
POA lab E	25			
Shrubs:				
COR alb	9			
HAR vio	18			
RHA ind SM	10			
VIB odo EL	6			
WES fru GB	20			
Trees:				
CUP ana	4			
PLU rub	1			

# Area N:

Code	Quantity:			
Groundcovers:				
CAS gia CI	24			
CHR api	35			
DIC arg SF	30			
DIC rep	60			
SEN man	15			
VIO hed	60			
Grasses, Ferr	ns + Broad-leaved:			
DIA cae LJ	30			
DOR exc	8			
LOM Ion T	50			
POA lab E	50			
Shrubs :				
COR alb	6			
RHA ind SM	4			
VIB odo EL	12			
WES fru GB	18			
Trees:				
CUP ana	2			
PLU rub	1			
TRI lau L	2			

TRI lau L

# Plant DA Schedule:

Code	Scientific name: Climbers:	Common name:	Pot size:	Mature height & spread*:	Planting density:	Quantity:	Maintenance requirements:
CIS ant	Cissus antarctica	Kangaroo Vine	140mm Pot	4m x 6m	-	62	Feed with a good all purpose fertiliser in the warmer months. Cut back if needed to keep to size.
THU mys	Thunbergia mysorensis  Groundcovers:	Lady Slipper Vine	140mm Pot	6m x 3m	-	62	Cut back if needed to keep to size.
CAS gla CI	Casuarina glauca 'Cousin It'	Sheoak	140mm Pot	0.2m x 0.3m	4 /m²	155	Allow to cascade downface of planter walls. Maintain to garden extend if it begins to encroach on paths.
CHR api	Chrysocephalum apiculatum	Yellow Buttons	140mm Pot	0.2m x 0.3m	6/m²	228	Seasonal maintenance to promote new growth.  Maintain to garden extent if it begins to encroach on paths.
DIC arg SF	Dichondra argentea 'Silver Falls'	Silver Falls	140mm Pot	0.1m x 0.3m	6 /m²	260	Allow to cascade down face of retaining walls. Maintain to garden extent if it begins to encroach on paths.
DIC rep	Dichondra repens	Kidney Groundcover	Tubestock	0.1m x 0.3m	6 /m²	724	Allow to form a natural weed-cover within garden areas
GRE lan MT	Grevillea lanigera 'Mt Tamboritha'	Spider Flower	140mm Pot	0.1m x 0.3m	4 /m²	118	Seasonal maintenance to promote new growth.  Maintain to garden extent if it begins to encroach on paths.
HIB sca	Hibbertia scandens	Guinea Flower	140mm Pot	0.4m x 1m	4 /m²	279	Allow to cascade down face of retaining walls. Maintain to garden extent if it begins to encroach on paths.
SEN man	Senecio mandraliscae	Blue Chalksticks	140mm Pot	0.3m x 0.6m	4 /m²	137	Seasonal maintenance to promote new growth and maintain compact form.
VIO hed	Viola hederacea	Native Violet	140mm Pot	0.1m x 0.3m	8 /m²	902	Allow to form natural weed-cover within planter.
	Grasses, Ferns & Broad-leaved:						
ALC imp SP	Alcantarea imperialis 'Silver Plum'	Bromeliad	200mm Pot	0.5m x 0.5m	$1/m^2$	46	
ALP nut	Alpinia nutans	Dwarf Cardamon	200mm Pot	1m x 0.8m	3 /m²	161	Seasonal maintenance as required to remove dead foliage.
ALP zer	Alpinia zerumbet	Shell Ginger	200mm Pot	1.8m x 1m	2 /m²	96	Seasonal maintenance as required to remove dead foliage.
ani bg	Anigozanthos 'Bush Gold'	Kangaroo Paw (Yellow)	140mm Pot	0.5m x 0.5m	$5/m^2$	48	Seasonal maintenance to remove dead flowers.
ART cir	Arthropodium cirratum	New Zealand Rock Lily	200mm Pot	1m x 1m	3 /m²	70	Seasonal maintenance to remove dead leaves and flowers.
ASP aus	Asplenium australasicum	Birds Nest Fern	200mm Pot	1m x 1m	1/m²	53	Seasonal maintenance as required to remove dead foliage.
ASP ela	Aspidistra elatior	Cast Iron Plant	140mm Pot	0.6m x 0.6m	4 /m²	141	Seasonal maintenance as required to remove dead foliage.
BLE gib	Blechnum gibbum	Silver Lady Fern	140mm Pot	0.4m x 0.4m	4 /m²	188	Seasonal maintenance as required to remove dead foliage.
CLI min	Clivia miniata	Clivia	140mm Pot	0.4m x 0.4m	4 /m²	45	Seasonal maintenance to remove dead flowers.
CYA coo	Cyathea cooperi	Australian Tree Fern	300mm Pot	6m x 3m	1/m²	9	Seasonal maintenance to promote new growth.
DIA cae LJ	Dianella caerulea 'Little Jess'	Blue Flax Lily	140mm Pot	0.5m x 0.5m	6 /m²	494	Seasonal maintenance to promote new growth.
DIA rev	Dianella revoluta 'Little Rev'	Little Rev Dianella	200mm Pot	0.4m x 0.4m	6 /m²	150	Seasonal maintenance to promote new growth.
000 asp	Doodia aspera	Prickly Rasp Fern	200mm Pot	0.5m x 0.5m	6 /m²	60	Seasonal maintenance to promote new growth.
OOR exc	Doryanthes excelsa	Gymea Lilly	200mm Pot	1.5m x 1m	1/m²	85	Seasonal maintenance to remove dead flowers.
FIC nod	Ficinia nodosa	Knobby Club-rush	Tubestock	0.7 x 0.7m	5 /m <sup>2</sup>	30	
_IR mus EG	Liriope muscari 'Evergreen Giant'	Giant Mondo	140mm Pot	0.6m x 0.6m	4 /m²	258	
_OM hys	Lomandra hystrix	Mat Rush	140mm Pot	1m x 1m	4 /m²	24	
_OM Ion T	Lomandra longifolia 'Tanika'	Lomandra Tanika	140mm Pot	0.6 x 0.6m	4 /m²	330	
POA lab E	Poa labillardieri 'Eskdale'	Common Tussock Grass	140mm Pot	0.6m x 0.6m	6 /m²	125	Seasonal maintenance to promote new growth.
RAP exc	Rhapis excelsa	Lady Palm	500mm Pot	2m x 1m	1/m <sup>2</sup>	12	Seasonal maintenance to remove dead foliag





Cissus antarctica Kangaroo Vine



Thunbergia mysorensis Lady Slipper Vine



Grasses, Ferns & Broad-leaved



Casuarina glauca 'Cousin It' Sheoak



Chrysocephalum apiculatum Yellow Buttons



Dichondra argentea 'Silver Falls' Silver Falls Dichondra repens Kidney Groundcover



Grevillea lanigera Spider Flower Guinea Flower

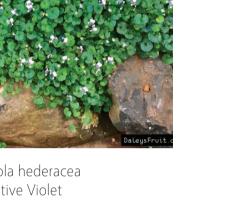


Hibbertia scandens Guinea Flower



Senecio mandraliscae Blue Chalksticks







Alpinia zerumbet Shell Ginger



Anigozanthos 'Bush Gold' ' Kangaroo Paw



Arthropodium cirratum New Zealand Rock Lilly



Asplenium australasicum Birds Nest Fern



Alcantarea imperialis 'Silver Plum' Alpinia nutans

Aspidistra elatior Cast Iron Plant

Bromelia



Dwarf Cardamon

Blechnum gibbum Silver Lady Fern



Clivia miniata Clivia



Cyathea cooperi Australian Tree Fern



Dianella caerulea 'Little Jess' Blue Flax Lily



Dianella revoluta 'Little Rev' Little Rev Dianella



Doodia aspera Prickly Rasp Fern



Doryanthes excelsa Gymea Lilly



Ficinia nodosa Knobby Clubrush



Liriope muscari 'Evergreen Giant' Lomandra hystrix Giant Mondo



Lomandra longifolia 'Tanika' Lomandra Tanika



Poa labillardieri 'Eskdale' Common Tussock Grass



Rhapis excelsa Lady Palm

Eloura

Mat Rush

# Plant DA Schedule:

Code	Scientific name:	Common name:	Pot size:	Mature height & spread*:	Planting density:	Quantity:	Maintenance requirements:
	Shrubs:						
COR alb	Correa alba	White Correa	200mm Pot	1.5m x 1.5m	2 /m <sup>2</sup>	45	Seasonal maintenance as required to maintain compact form 1x1m.
HAR vio	Hardenbergia violacea	Native Sarsaparilla	140mm Pot	0.7-1 x 0.7m	4 /m²	60	
RHA ind SM	Rhaphiolepis indica 'Snow Maiden'	Indian Hawthorn White	200mm Pot	0.8m x 0.8m	3 /m <sup>2</sup>	87	Seasonal maintenance as required to maintain compact form 800x800mm.
SYZ aus R	Syzygium australe 'Resilience'	Lilly Pilly	25L	2m x 1.5m	1/m²	72	Seasonal maintenance as required to maintain informal screen to 1.8-2m height by 800mm spread.
VIB odo EL	Viburnum odoratissimum 'Emerald Lustre'	Viburnum	25L	2m x 1.5m	1/m²	40	Seasonal maintenance as required to maintain informal screen to 1.8-2m height by 800mm spread.
WES fru GB	Westringia fruticosa 'Grey Box'	Coastal Rosemary	140mm Pot	0.4m x 0.4m	4 /m²	68	Seasonal maintenance as required to maintain compact form 400x400mm.
	Trees						
ANG cos	Angophora costata	Smooth - Barked Apple	75L	15m x 10m	-	8	Seasonal maintenance as required.
BAN ser	Banksia serrata	Old Man Banksia	100L	6m x 3m	-	2	Seasonal maintenance as required. Maintain compact form 2-3m height by 2m spread with clear trunk 1.5m height.
COR mac	Corymbia maculata	Spotted Gum	75L	30m x 8m	-	1	
CUP ana	Cupaniopsis anacardiopsis	Tuckeroo	75L	8m x 7m	-	8	Seasonal maintenance as required.
ELA eum	Elaeocarpus eumundii	Quandong	75L	8m x 3m	-	8	Seasonal maintenance as required. Maintain clear trunk 1.5m height.
LOP con	Lophostemon confertus	Queensland Brush Box	45L	15m x 10m	-	1	
PLU rub	Plumeria rubra	Frangipani	75L	6m x 4m	-	4	
TRI lau L	Tristaniopsis laurina 'Luscious'	Water Gum	75L	8m x 4m	-	4	Seasonal maintenance as required.
MAG gran TB	Magnolia grandiflora 'Teddy Bear'	Teddy Bear Magnolia	100L	4m x 2m	-	2	
PRU cer N	Prunus cerasifera 'Nigra'	Black Ornamental Plum	100L	5m x 4m	-	6	
WAT flo GA	"Waterhousea floribunda 'Green Avenue'	Weeping Lilly-pilly	75L	12m x 8m	-	4	Seasonal maintenance as required.
	Street Trees						
COR mac	Corymbia maculata	Spotted Gum	75L	30m x 8m	-	12	Species selection and spacing directed by Council.
	Palms:						
ARC cun	Archontophoenix cunninghamiana	Bangalow Palm	75L	5-8m x 3m	-	8	Seasonal maintenance as required. To remove fronds and seed pods. Support wires may be required for establishment.
LIV aus	Livistona australis	Cabbage Palm	Mix of 2-6m height	12-20m x 3m	-	5	Seasonal maintenance as required. To remove fronds and seed pods. Support wires may be required for establishment.

### Street Tree Planting Notes:

- + Street tree species specified by Council.
- + Street trees to be installed as per Council requirements and details, including staking and root barriers.

#### Planting Notes:

- + Planting design subject to detailed design and documentation. Not for pricing or construction.
- + \* Nominal height / spread at maturity will vary based on maintenance regimes and site growing conditions.
- + Refer to drawing 2322-16 for the 'Maintenance Requirements & Management Plan' notes and typical planting details.
- + Species selection subject to availability at time of tendering and construction.
- + Species within mixed planting areas to be planted in groupings of 3-5.
- + Sub-surface and/or podium drainage to all garden and lawn areas, connected to site stormwater.
- + All garden and lawn areas are to include a fully automated irrigation system connected to the sites rainwater harvesting system (subject to detailed design by a suitably qualified irrigation consultant).















Correa alba White Correa

Hardenbergia violacea Purple Coral Pea

Indian Hawthorn White

Rhaphiolepis indica 'Snow Maiden' Syzygium australe 'Resilience' Water Gum

Viburnum odoratissimum 'Emerald Lustre' Viburnum

Westringia fruticosa 'Grey Box' Coastal Rosemary





Corymbaia maculata



Spotted Gum Tuckeroo



Elaeocarpus eumundii Cupaniopsis anacardiopsis Quandong



Lophostemon confertus Queensland Brush Box



Plumeria rubra Frangipani



Angophora costata

Smooth - Barked Apple

Prunus cerasifera 'Nigra' Purple Leaf Plum



Tristaniopsis laurina 'Luscious' Water Gum



Magnolia grandiflora 'Teddy Bear' Teddy Bear Magnolia Waterhousea floribunda 'Green Weeping Lilly-pilly



Banksia serrata Old Man Banksia

Street Trees



Corymbaia maculata Spotted Gum



Archontophoenix cunninghamiana Livistona australis Bangalow Palm



Cabbage Palm

relevant project and consultant documentation.

# Maintenance Requirements & Management Plan:

#### General:

The landscape works shall be maintained for the full life of the landscape. The frequency of maintenance shall occur every fortnight and works include, but are not limited to, watering, weeding, pruning, rubbish removal, fertilising, pest and disease control, plant replacement and the like.

Ensure the general appearance and presentation of the landscape and the quality of plant material at date of installation is maintained for the full life of the landscape.

Prune to AS4373 and the pruning requirements as outlined within the Plant Schedule on drawing 1916-014 and 1916-015.

#### Fertilising:

Fertiliser shall be an approved prolonged release type, such as 'native plant food + t/e' as supplied by Patons or approved equivalent with a N:P:K:S ratio of 7.9:1.8:5.2(s/p): 8.7 applied at the rate specified by the manufacturer. Apply all-purpose fertiliser to mass planting areas annually in two bands and cultivated into the soil 100 mm deep.

Season: fertilise all planting in September and March according to their seasonal growth requirement.

#### Insect & Disease Control:

Insecticide and fungicide spraying, if considered necessary, shall be carried out in accordance with the manufacturer's instructions. The maintenance contractor shall treat all occurrences of insect attack or disease in plant material.

Period for treatment: until the problem has been eliminated.

Chemical spray: avoid windy days or if rain is likely to follow within 12 hours. Apply: to the manufacturer's instructions and material data and safety sheets.

#### Weeding:

Weeds are unwanted plants and grasses not planted as part of the original works.

Program: as required for planted and mulched areas to be weed free when observed at fortnightly maintenance intervals.

Method: clear and keep clear vigorous ground covers 200 mm from the base of any large shrub, palm or tree. To be completed by hand.

Herbicide application: avoid windy days or if rain is likely to follow within 12 hours. Apply to the manufacturer's instructions and material data and safety sheets. Apply when the weather is humid with moderate temperatures and maximum sunlight. Apply when the ground has the recommended soil moisture.

#### Stakes & Ties:

Adjust and/or replace stakes and ties where required. Remove all stakes ties when the planting has fully established and is self-supporting.

Generally, if plants are unable to be self-supported or if stakes are damaged, stake or restake the plants as required.

Removal: if plants are robust with well-developed systems and are strong enough to no longer require support, remove stakes and ties.

# Mulched areas:

Maintain mulched areas in a clean and tidy condition. Reinstate mulch to specified depths and extents. The maintenance contractor is to allow to top up all mulch areas at least once every three months.

Depth: maintain a minimum depth of 75mm for organic mulch. Maintain the original ground levels around the base of plants.

#### Grass Areas - General:

Litter: remove litter and fallen branches before mowing.

Grass height: consistent with the growth habit of the grass variety and maintained at 25 mm to 35 mm throughout the year.

Program: weekly during the mowing season, november to march, and at bi-weekly intervals during april to october. Do not mow under wet conditions. Raking: once every month before mowing, during the mowing season, with a flexible

rake. On alternate mowings, adopt a north-south and east-west pattern. Edges: at the same time as mowing, trim lawn edges to plant beds, pathways, base of trees and other obstacles. Ensure trees and shrubs are not damaged.

# Grass Areas - Topdressing:

Clippings distribution: off site.

Topdressing material for established lawns: weed free imported sandy topsoil to a depth

Program: the spring following establishment.

Topdressing material for remediation of depressions or irregularities: apply coarse or medium soil to as 4419 suitable for application to turf or grass seeded areas.

#### Grass Areas - Fertilising:

Fertilising: apply lawn fertiliser at the completion of the first and last mowings of the plant establishment period, and at other times as required to maintain healthy grass

#### Watering:

Watering program: minimum three complete waterings, soaking to a depth of 150 mm at fortnightly intervals for the first 6 weeks of plant establishment irrespective of natural rainfall. Mass planted areas including trees shall be watered regularly with an even deeply penetrating application to ensure continuous healthy growth. Avoid frequent dampening of the surface. Allow the surface of the soil to partially dry out between waterings.

Water quality: ph between 5.5 and 7.5. Total soluble salts less than 1000 mg/litre. No substances that would be toxic to plant growth.

Water restrictions: coordinate the water supply and confirm the watering regime against state and territory legislation and restrictions at the time.

Drip irrigation system for all mass planted areas are included for all planters, connected to the site stormwater harvesting system. Regularly inspect the irrigation system to ensure it is functioning appropriately as per the manufacturers requirements.

#### Replacement planting:

Immediately replace plants, which die or fail to thrive or are damaged or stolen, with plants of same size and quality unless otherwise directed. All planters are located within compliant accessible terraces.

#### Waste removal:

Remove all green waste and general waste from ongoing maintenance inspections via the building waste management system. Green waste is to be disposed in appropriate green waste systems for recycling. Any large limbs of foliage that is removed is to be broken down to a manageable size and disposed as required via the building waste management system

#### Completion:

Generally: plant maintenance period shall be deemed complete, subject to the following: + Repairs to planting media completed.

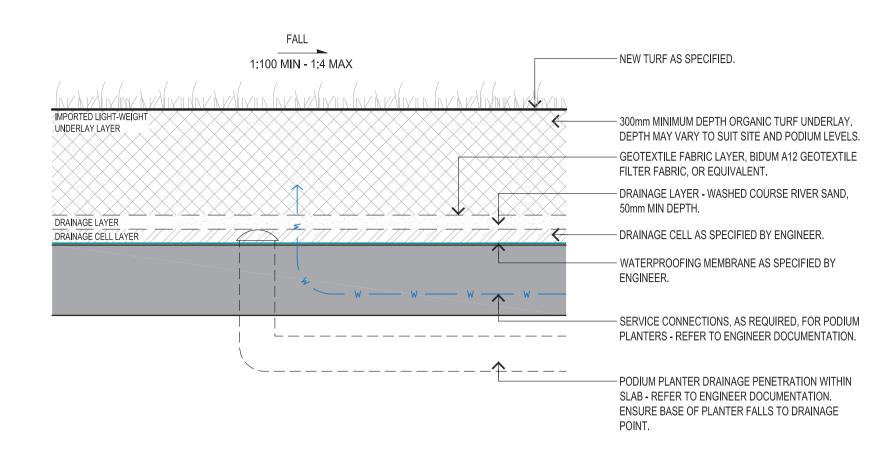
- + Pests, disease, or nutrient deficiencies or toxicities are not evident. + Organic and rock mulched surfaces have been maintained in a weed free and tidy
- condition and to the specified depth.
- + Vegetation is established and well formed.
- + Plants have healthy root systems that have penetrated into the surrounding, undisturbed ground and not able to be lifted out of its planting hole.
- + Collection and removal of litter.
- + Removal of mulch from drainage and access areas.

Immediately replace plants, which die or fail to thrive or are damaged or stolen, with plants of same size and quality unless otherwise directed.

In the case of stolen or vandalised plants the contractor will be required to replace the plants a maximum of once for each plant.

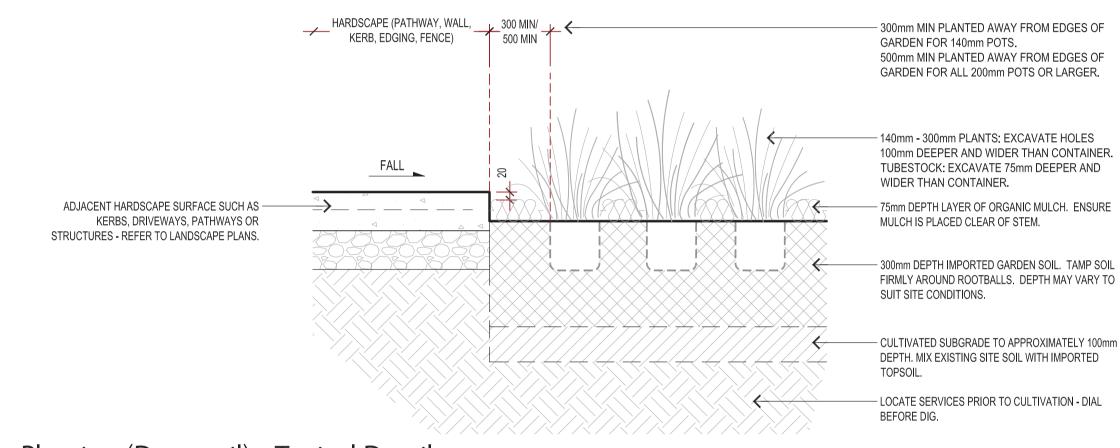
#### Plant establishment compliance table:

Plant material:	Acceptable failure per	Acceptable		
riant material.	area:	concentration of failure:		
Tube stock	< 10%	< 15% in any given		
		location		
140mm	< 5%	< 15% in any given		
		location		
300 mm or larger	< nil%	nil %		
Turf	< 5%	nil %		
	'	'		



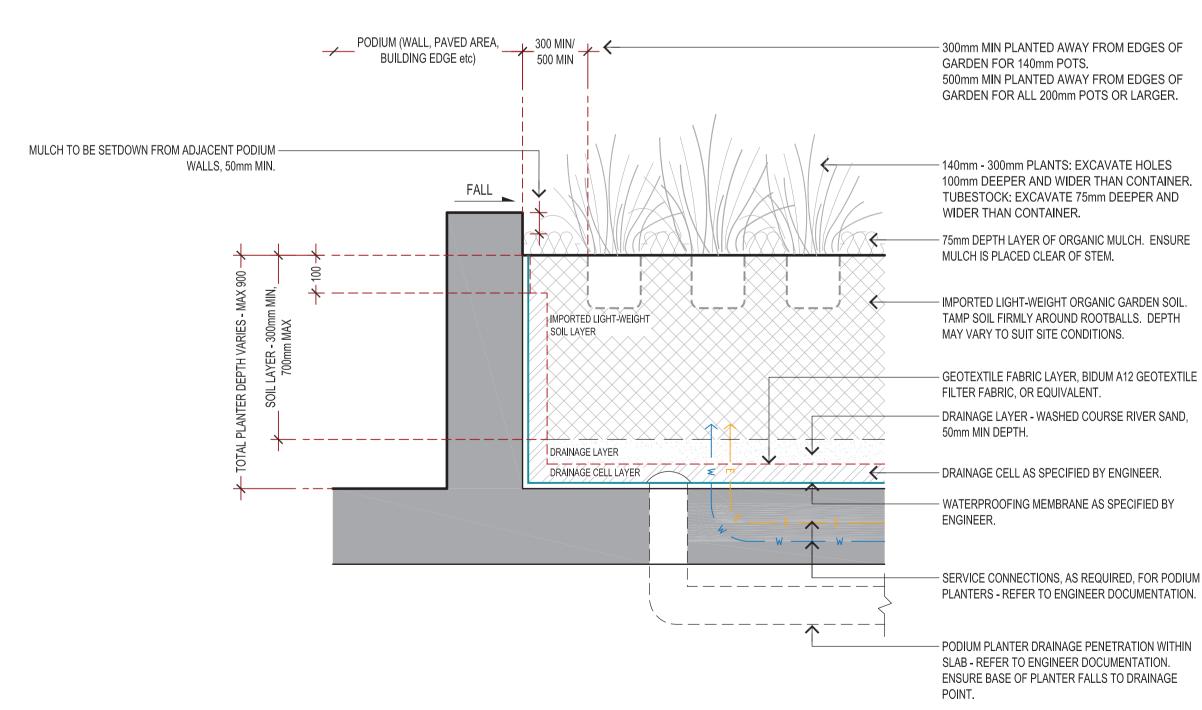
# Turf Planting (Podium) - Typical Detail:

Scale: 1:10 @A1



# Mass Planting (Deep soil) - Typical Detail:

Scale: 1:10 @A1



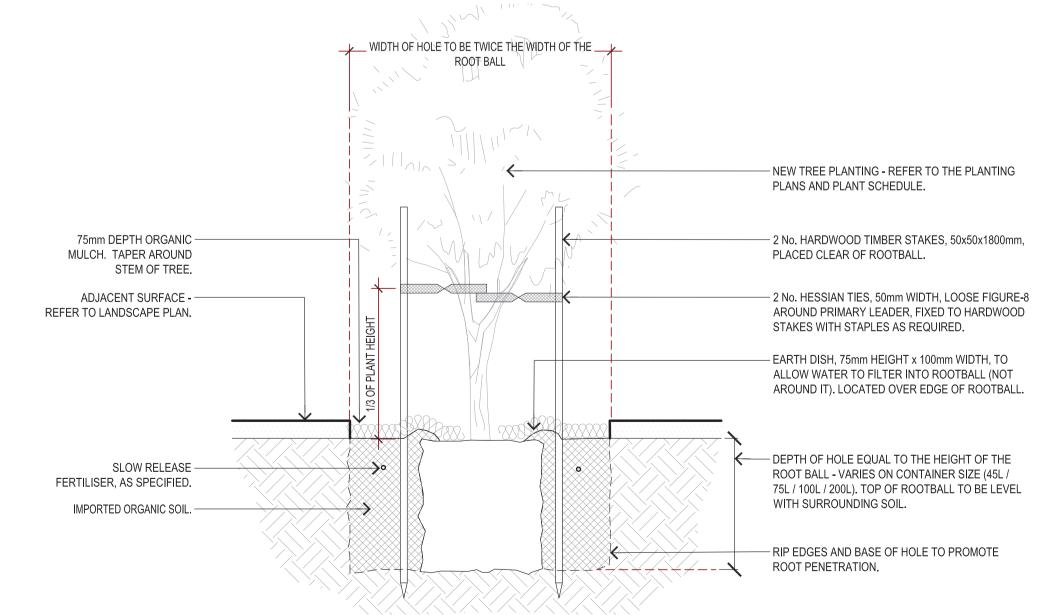
# Mass Planting (Podium) - Typical Detail:

Scale: 1:10 @A1

#### 1000 MINIMUM FROM PODIUM WALL OR STRUCTURE NEW TREE PLANTING - REFER TO THE PLANTING PLANS AND PLANT SCHEDULE. TOP OF ROOTBALL TO BE LEVEL WITH SURROUNDING 75mm DEPTH ORGANIC MULCH. TAPER AROUND STEM OF EARTH DISH, 75mm HEIGHT x 100mm WIDTH, TO TREE. ALLOW WATER TO FILTER INTO ROOTBALL (NOT AROUND IT). LOCATED OVER EDGE OF IMPORTED LIGHT-WEIGHT ROOTBALL. ORGANIC GARDEN SOIL. TAMP SOIL FIRMLY AROUND ROOTBALLS. DEPTH TO SUIT POT DEPTHS. SLOW RELEASE FERTILISER, AS SPECIFIED. WHERE POSSIBLE, ROOTBALL TO SIT ON DRAINAGE LAYER WITHIN BASE OF PLANTER, IF SMALLER SIZED STOCK IS SPECIFIED. SOIL AREA UNDER ROOTBALL DROPPING OF TREE WITHIN THE PLANTER. — w — w — w — — w — —

# Tree Planting (Podium) - Typical Detail:

Scale: 1:20 @A1



# Tree Planting (Deep soil) - Typical Detail:

Scale: 1:20 @A1

**Paddock** 

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Issue: Date: Reason: 24.11.23 For DA Submission 11.07.24 For DA Submission 25.07.24 For DA Submission 02.12.24 For DA Submission 13.01.25 For DA Submission

Project: Railway Street Apartments Reviewed by: 75-85 Railway Street, Rockdale NSW 2216 DW DW Eloura DW

Maintenance Requirements & Management Plan Typical Planting Details

Project No.: 2322 Date: Scale:

Drawing: 13.01.25 N/A @ A1 2322-016