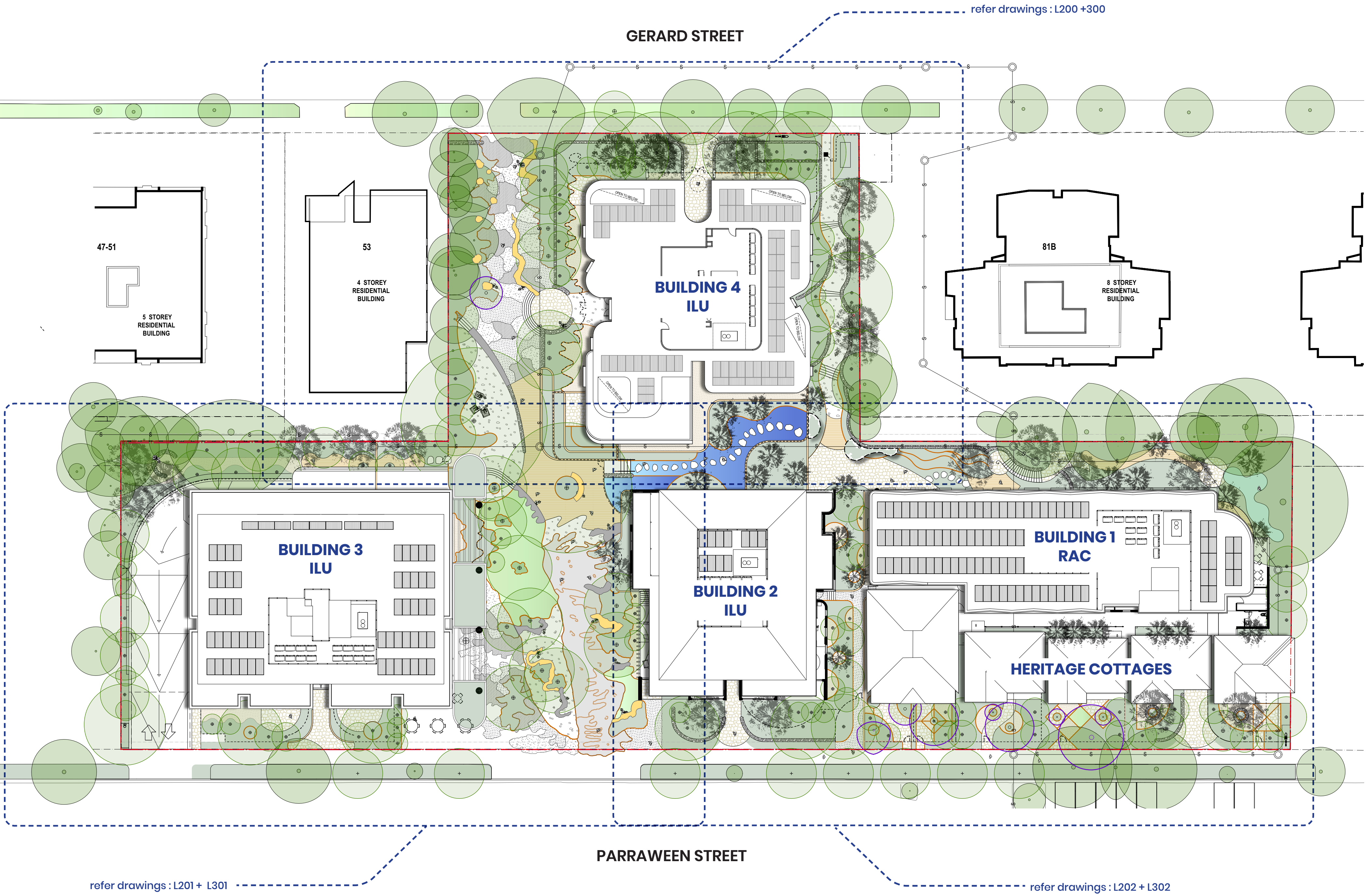


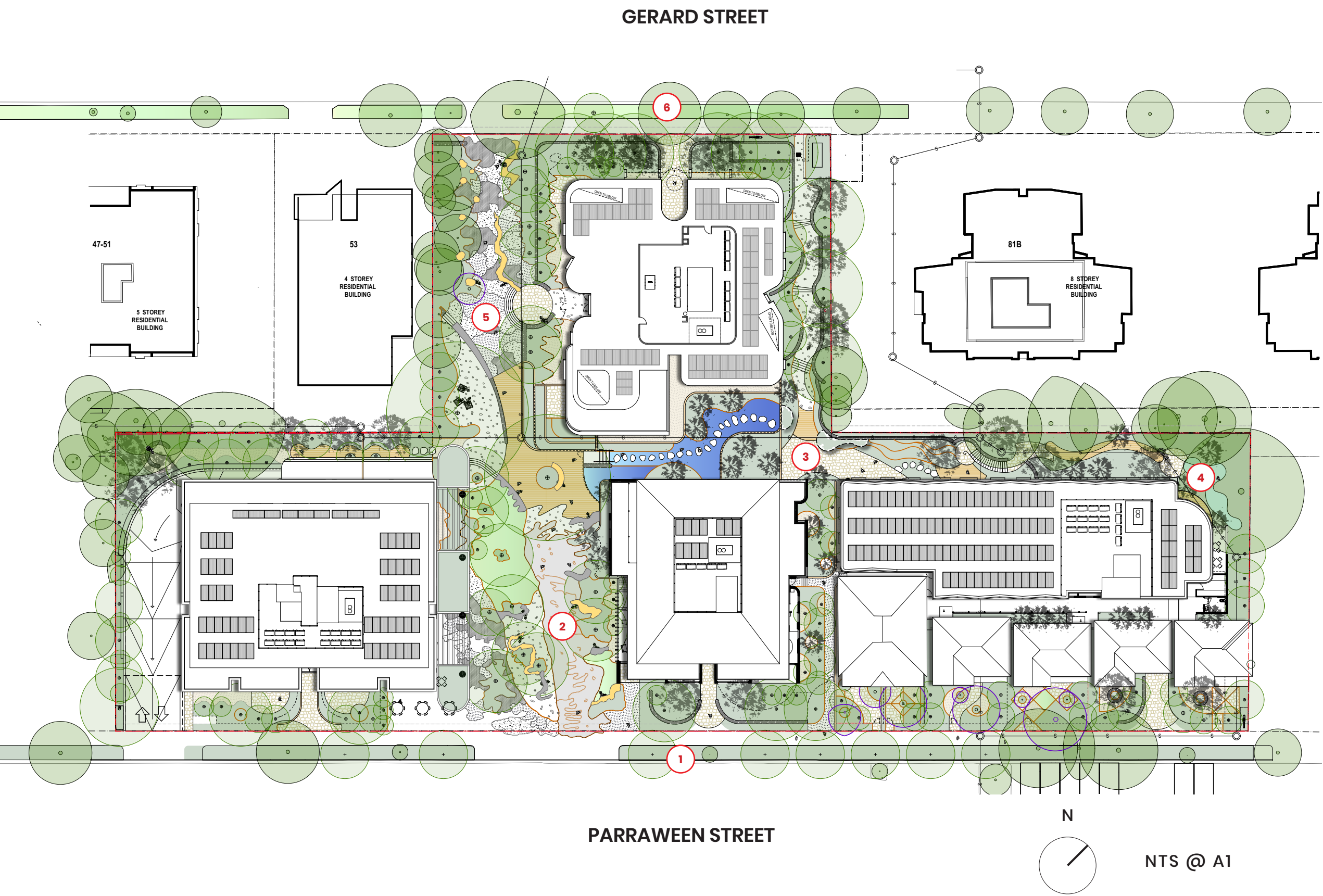
LANDSCAPE DOCUMENTATION
PATHWAYS CREMORNE

DRAWING LIST

DRAWING #	DESCRIPTION	SCALE AT A1
L000	COVER PAGE + DRAWING LIST + KEY PLAN	N/A
L001	LANDSCAPE Proposal overview	NTS
L002	LANDSCAPE PLANS Existing site & trees	NTS
L003	LANDSCAPE PLAN Existing trees (to be retained or transplanted) & proposed canopy trees	1:300
L100	LANDSCAPE PLAN Proposed canopy trees	1:200
L101	LANDSCAPE PLAN Planting - understorey species	1:200
L102	INDICATIVE PLANT SCHEDULE + PLANT IMAGES - understorey species	N/A
L200	LANDSCAPE PLAN Zoom Building 4 (ILU) + Gerard Street - General Arrangement	1:100
L201	LANDSCAPE PLAN Zoom Building 3 (ILU) + Plaza - General Arrangement	1:100
L202	LANDSCAPE PLAN Zoom Heritage Cottages, Buildings 1 (RAC) + 2 (ILU) & Fern tree Gully - General Arrangement	1:100
L300	LANDSCAPE PLAN Zoom Building 4 (ILU) + Gerard Street - Levels	1:100
L301	LANDSCAPE PLAN Zoom Building 3 (ILU) + Plaza - Levels	1:100
L302	LANDSCAPE PLAN Zoom Heritage Cottages, Buildings 1 (RAC) + 2 (ILU) & Fern tree Gully - Levels	1:100
L400	LANDSCAPE SECTIONS	1:100
L401	LANDSCAPE SECTIONS	1:100
L500	LANDSCAPE PLAN & DETAILS Proposed fences	1:300
L600	LANDSCAPE PLAN & SKETCH PERSPECTIVES Through Site Link	1:200/NTS
L700	LANDSCAPE MASTER PLAN Setbacks	1:200

*Please note: All significant changes to this documentation since it was last issued are highlighted in salmon





CONNECTING WITH COUNTRY

The landscape design sought to take on board the following recommendations from our Connecting With Country Consultants *Murawin*:

- Place visibly inviting features, including inviting features for people, flora and fauna
- Think about how people will feel and move through spaces or how they will feel within green spaces
- Include water features and plants that will attract birds, bees, fauna
- Create a billabong or the feel of a billabong
- Provide habitat trees and resting places for fauna. Avoid use bird spikes as this alienates nature.
- Provide a grassed area
- Incorporate organic shapes, patterns, texture
- Use natural materials
- Explore the elements, sun, wind etc
- Spaces for sharing across generations
- Provide seating for different groups to mingle and rest
- Consider spaces for intergenerational
- Multipurpose spaces
- Provide shade
- Consider symbolism, imagery, colour and texture in pathways

(points above are an extract from *CONNECTING WITH COUNTRY FRAMEWORK* p28)



LANDSCAPE PROPOSAL OVERVIEW

The arrangement of built form for this development affords it to be enveloped in 'green' and, in doing so provides for a variety landscape settings. Inspired by natural patterns and forms, the landscape creates a welcome place for residents and visitors alike.

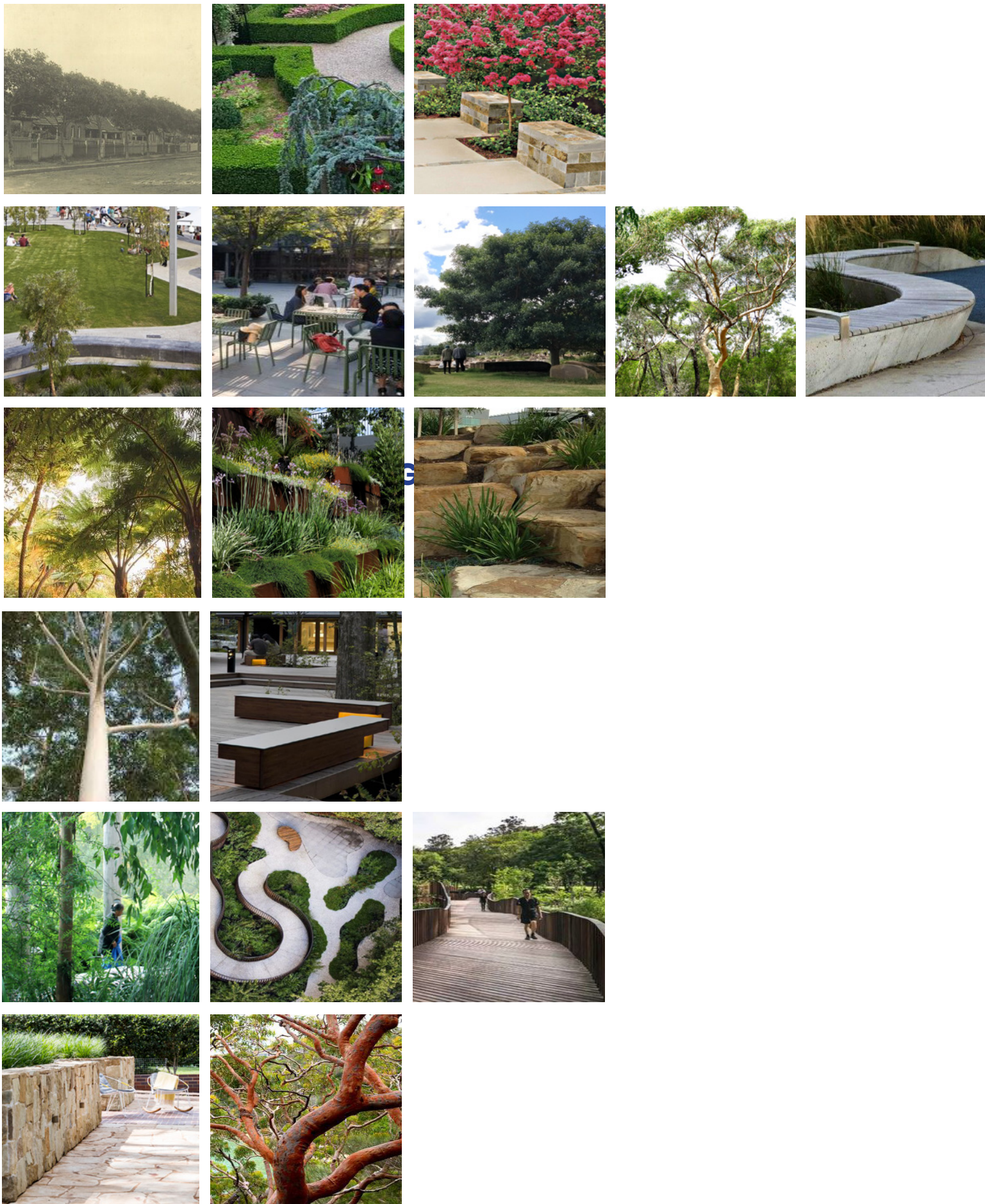
The landscape design is based on promoting the following design principles:

- Creating a unique landscape identity for the development that provides a positive contribution to the adjoining streetscapes & surrounding neighbourhood, whilst also complementing the proposed architectural form
- Increasing tree canopy cover
- Increasing biodiversity
- Creating spaces that engage and are safe for all ages
- Providing functional and aesthetically engaging areas of planting and landscape architectural elements that enhance the presentation of the building and provide amenity for its users
- Enhancing the resident experience through the provision of generous outdoor terraces & private communal areas.
- The specification of quality, robust, and where appropriate 'natural' materials

The key landscape areas in the development include:

- 1. Parraween streetscape**
 - The retention of the heritage cottages to the northern end of Parraween Street encouraged a landscape response that pays heed to the Victorian era in which they were constructed; domestic in scale but civic in quality.
 - A collection of 'garden specimen trees' from the existing site have been selected for transplants and re-use in the front gardens of said cottages; providing a living reference back to the site's history.
 - Upgrades to the public domain include the removal of all dis-used driveways and the replacement of a continuous kerb, verge & street tree plantings.
- 2. Through site link – Part A – Public plaza/ garden**
 - Provides a welcome mat to the site from Parraween Street.
 - Patterning observed on the bark of the Scribbly Gum (an endangered species in the locality) inspires meandering paths, edges, as well as the design of furniture & other landscape details.
 - A cafe is proposed to activate the western side of the space.
 - At the 'heart' of the through site link, stately fig trees & 'billabong' anchor the space and provide a place of gathering & cooling.
- 3. Fern Tree gully**
 - Speaks of the rocky rainforest gullies and valleys commonplace around Cremorne Point and Sydney harbour at large.
 - Proposed plantings respond with a canopy of tree ferns, palms & lush understorey plantings.
 - Provides an outlook and a connection to outdoors for uses located in the proposed lower ground floor of Buildings 1 & 2.
- 4. Gum Tree pocket**
 - Perched below the generous canopy of the existing established Sydney Blue Gum and hovering above 'Fern tree gully', gum tree pocket provides outdoor dining space as well as a place of retreat and refuge for the residents of Building 1.
- 5. Through site link –Part B – Gerard Street connection**
 - Provides a visual & physical link to Ada Street with a forested walk continuing on from the public plaza/ garden (adjoining Parraween Street).
 - Either side of the generous walkway, there are moments to pause and play under the canopy.
- 6. Gerard streetscape**
 - Groves of large canopy trees respond to higher built form.
 - Mass plantings complement and extend the character of existing streetscape.

- 7. Rooftop-gardens**
- Rooftop-gardens located on building 3 provide residents with additional breakout spaces with—
 - spectacular district views





The existing landscape condition is characterised by a collection of domestic scaled landscape spaces (backyards/ front yards etc) and their associated hard stand areas and plantings. Plantings are predominantly hedge rows and small trees, of which the majority are decorative exotics and/ or fruit trees. Few existing trees located within the site's boundaries provide significant canopy cover.



- Existing trees to be retained and protected
- Existing trees to be removed

The most significant landscape feature is a Sydney Blue Gum that is located in the NE corner of the site. This shall be retained, protected and celebrated as part of the new development and in doing so, informs the design of the built form and landscape.

Other garden specimens located on site have been identified and a number will be transplanted off site during the construction process for later re-use in the proposed landscape scheme. Species deemed appropriate for transplanting include Frangipanis, Palms and Camellias.

The relocation of transplanted specimens will be focused along the Parraween Street frontage (associated with the retained/ reconstructed heritage cottages).

Existing street trees along Gerard and Parraween Street also provide valuable amenity to both frontages of the site and all specimens that are in good health and are not affected by development works shall be retained.

Total number on adjoining private properties: 26
(to be retained and protected)

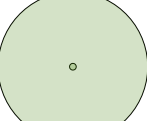


EXISTING CANOPY TREES

EXISTING TREES to be retained and protected – refer Arborist's Report for details						
CODE	BINOMIAL NAME	COMMON NAME	HEIGHT X CANOPY	RETAIN OR TRANSPLANT	LOCATION	RETENTION VALUE
T1	Lophostemon confertus	Brushbox	8m x 8m	Retain	Parraween Street	High
T4	Archontophoenix cunninghamiana	Bangalow Palm	9m x 6m	Retain	SW Cnr adjoining site	Moderate
T8	Lophostemon confertus	Brushbox	7m x 8m	Retain	Gerard Street	High
T10	Buckinghamiana celssissimia	Ivory Curl Tree	3m x 2m	Retain	Parraween Street	Moderate
T18	Buckinghamiana celssissimia	Ivory Curl Tree	2m x 2m	Retain	Parraween Street	Moderate
T20	Buckinghamiana celssissimia	Ivory Curl Tree	3m x 2m	Retain	Parraween Street	Low
T22	Buckinghamiana celssissimia	Ivory Curl Tree	5m x 4m	Retain	Parraween Street	Moderate
T25	Lophostemon confertus	Brushbox	9m x 10m	Retain	Parraween Street	High
T26	Lophostemon confertus	Brushbox	6m x 8m	Retain	Parraween Street	High
T27	Lophostemon confertus	Brushbox	10m x 10m	Retain	Parraween Street	High
T35	Lophostemon confertus	Brushbox	6m x 6m	Retain	Parraween Street	Low
T36	Buckinghamiana celssissimia	Ivory Curl Tree	1m x 2m	Retain	Parraween Street	Moderate
T41	Eucalyptus saligna	Sydney Blue Gum	18m x 18m	Retain	NE Cnr of site	Moderate
T42	Camellia sasangua	Sasangua Camelia	<5m x 4m	Retain	NE Cnr adjoining site	Moderate
T43	Grevillea robusta	Silky Oak	22m x 12m	Retain	NE Cnr adjoining site	Low
T44	Brachychyton acerifolius	Illawarra Flame Tree	23m x 10m	Retain	NE Cnr adjoining site	High
T45	Archontophoenix cunninghamiana	Bangalow Palm	7m x 4m	Retain	NE Cnr adjoining site	Moderate
T46	Syzigium paniculatum	Magenta Cherry	7m x 6m	Retain	NE Cnr adjoining site	Moderate
T48	Jacaranda mimosifolia	Jacaranda	9m x 8m	Retain	NE Cnr adjoining site	Moderate
T48	Grevillea robusta	Silky Oak	16m x 12m	Retain	NE Cnr adjoining site	Low
T49	Eucalyptus robusta	Swamp Mahogany	14m x 10m	Retain	NE Cnr adjoining site	High
T50	Jacaranda mimosifolia	Jacaranda	6m x 0-5m	Retain	NE Cnr adjoining site	Moderate
T51	Tristaniopsis laurina	Water Gum	4m x 4m	Retain	NE Cnr adjoining site	Moderate
T52	Callistemon salignus	Willow Bottlebrush	6m x 6m	Retain	NE Cnr adjoining site	Moderate
T53	Tristaniopsis laurina	Water Gum	4m x 4m	Retain	NE Cnr adjoining site	Low
T54	Callistemon salignus	Willow Bottlebrush	9m x 8m	Retain	NE Cnr adjoining site	Low
T57	Tristaniopsis laurina	Water Gum	3m x 6m	Retain	Gerard Street	Moderate
T58	Tristaniopsis laurina	Water Gum	3m x 6m	Retain	Gerard Street	Moderate
T59	Tristaniopsis laurina	Water Gum	3m x 6m	Retain	Gerard Street	Moderate
T60	Tristaniopsis laurina	Water Gum	4m x 8m	Retain	Gerard Street	Moderate
T136	Howea forsteriana	Kentia Palm	10m x 8m	Retain	Through site link	Moderate
T137	Camellia japonica	Japanese Camelia	3m x 2m	Retain	Through site link	Moderate
T138	Archontophoenix cunninghamiana	Bangalow Palm	6m x 6m	Retain	Through site link	Moderate
T139	Archontophoenix cunninghamiana	Bangalow Palm	6m x 6m	Retain	Through site link	Moderate
T140	Acer negundo	Box Elder	6m x 0-4m	Retain	Through site link	Low
T141	Archontophoenix cunninghamiana	Bangalow Palm	6m x 6m	Retain	Through site link	Moderate
T142	Elaeocarpus reticulatus	Blueberry Ash	6m x 1-4m	Retain	Through site link	Moderate
T143	Viburnum odoratissimum	Sweet Viburnum	6m x 4m	Retain	Through site link	Moderate
T144	Callistemon viminalis	Weeping Bottlebrush	6m x 4m	Retain	Through site link	Low
T145	Buckinghamiana celssissimia	Ivory Curl Tree	6m x 6m	Retain	Through site link	Moderate
T146	Elaeocarpus reticulatus	Blueberry Ash	6m x 0-4m	Retain	Through site link	Moderate
T147	Viburnum odoratissimum	Sweet Viburnum	6m x 6m	Retain	Through site link	Moderate
T148	Archontophoenix cunninghamiana	Bangalow Palm	10m x 6m	Retain	Through site link	Moderate
T149	Tristaniopsis laurina	Water Gum	6m x 4m	Retain	Gerard Street	Moderate
T150	Tristaniopsis laurina	Water Gum	6m x 4-6m	Retain	Gerard Street	Moderate
T174	Acer negundo	Box Elder	14m x 4-8m	Retain	SW Cnr adjoining site	Low
T175	Acer sp.	Maple	8m x 6m	Retain	SW Cnr adjoining site	Low
T176	Pittosporum undulatum	Sweet Pittosporum	5m x 6m	Retain	SW Cnr adjoining site	Low
T177	Acer negundo	Box Elder	13m x 4-7m	Retain	SW Cnr adjoining site	Low
T178	Cupressus leylandii	Leighton Green	14m x 6m	Retain	SW Cnr adjoining site	Moderate
T179	Murraya paniculata	Orange Jessamine	4m x 4m	Retain	SW Cnr adjoining site	Moderate
T180	Acer negundo	Box Elder	13m x 4-7m	Retain	SW Cnr adjoining site	Low
T181	Cupressus sempervirens	Italian Cypress	14m x 2m	Retain	SW Cnr adjoining site	Low
T182	Tristaniopsis laurina	Water Gum	7m x 6m	Retain	SW Cnr adjoining site	Moderate
T183	Pittosporum undulatum	Sweet Pittosporum	5m x 6m	Retain	SW Cnr adjoining site	Low
T184	Viburnum tinus	Laurustinus	<5m x 4m	Retain	SW Cnr adjoining site	Low
T185	Acer palmatum	Japanese Maple	<5m x 6m	Retain	SW Cnr adjoining site	Low
T186	Syzigium smithii	Lilly Pilly	4m x 0-2m	Retain	NE Cnr adjoining site	Low

EXISTING TREES to be removed, stored off site + transplanted to alternate locations on site						
T6	Plumeria rubra	Frangipani	4m x 4m	Transplant	On site	Moderate
T115	Pyrus ussuriensis	Manchurian Pear	6m x 6m	Transplant	On site	Moderate
T61	Camellia sasangua	Sasangua Camelia	7m x 8m	Transplant	On site	Moderate
T72	Camellia sasangua	Sasangua Camelia	6m x 6m	Transplant	On site	Moderate
T75	Camellia sasangua	Sasangua Camelia	3m x 2m	Transplant	On site	Moderate
T76	Camellia sasangua	Sasangua Camelia	3m x 2m	Transplant	On site	Moderate
T78	Plumeria rubra	Frangipani	4m x 2m	Transplant	On site	Moderate
T84	Howea forsteriana	Kentia Palm	6m x 4m	Transplant	On site	Moderate
T119	Plumeria rubra	Frangipani	4m x 1-3m	Transplant	On site	Moderate

LEGEND



Existing trees (to be retained and protected)



Proposed locations of trees to be transplanted



Proposed new tree canopies (to be located within site boundaries)



Delineates Tree Protection Zones



Delineates Structural Root Zones



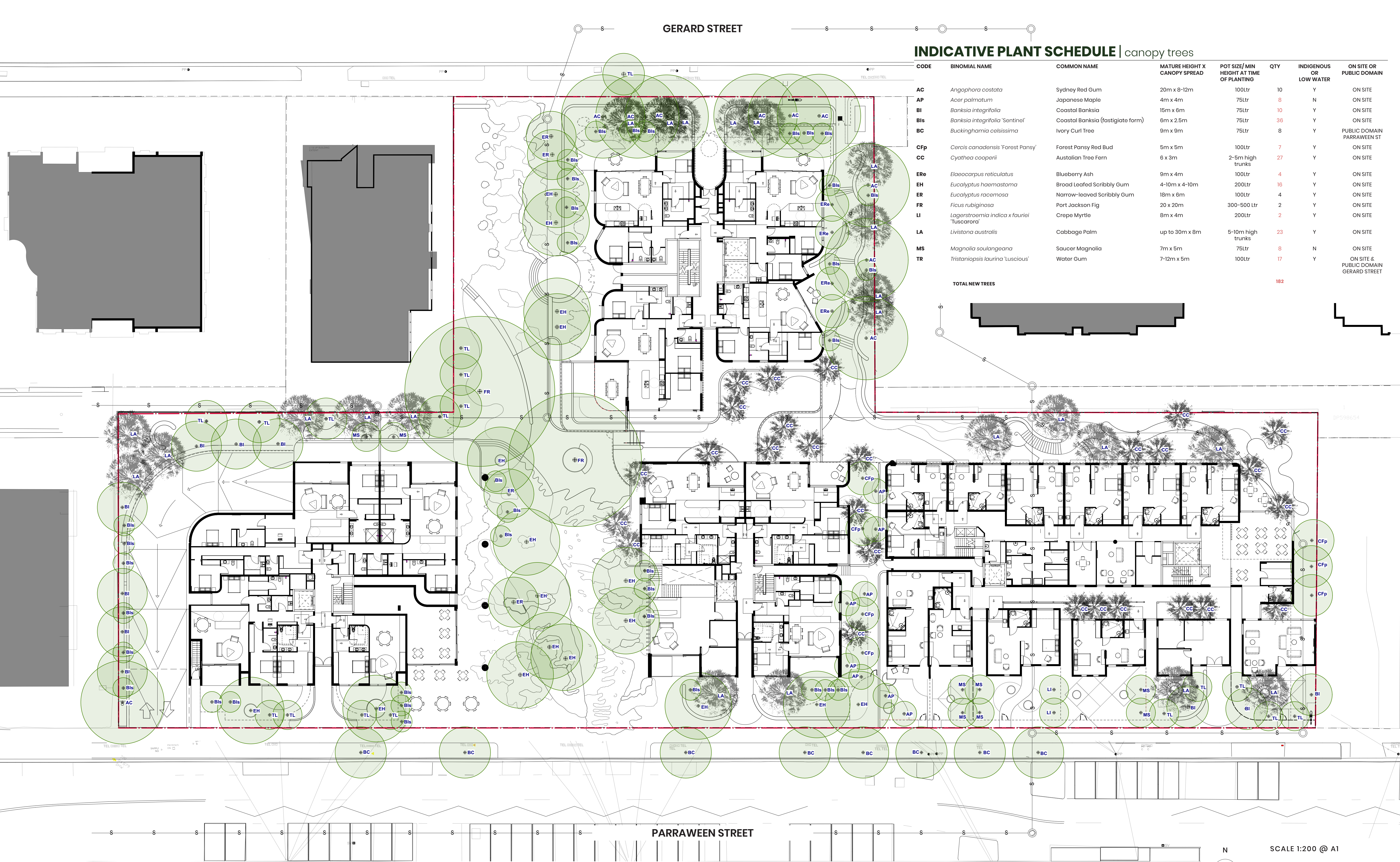
Tree of significance : T41 Sydney Blue Gum (to be retained and protected)

ADDITIONAL CANOPY TREES

Generous pockets of deep soil afforded by the new development provide for the planting of additional canopy trees. In landscape areas where deep soil does not prevail, and additional canopy planting is desirable, we will work with introduced soil volumes to facilitate proposed plantings. New canopy trees have been selected to respond to the scale of the existing and proposed built form and draw on a range of locally endemic (including the locally endangered Scribbly Gum) as well as locally adapted species. The removal of dis-used driveways along Parraween Street opens up the opportunity for us to infill current gaps in the streetscape plantings and in doing so, create a continuous canopy along this frontage. See LI00 LANDSCAPE PLAN | proposed canopy trees for details.

We calculate the area of new tree canopy (at maturity) to be approx. 2,920m2, which equates to 40% as a proportion of site area. If we add to this the canopy areas of existing trees to be retained + transplanted we would be well over 45% coverage.





INDICATIVE PLANT SCHEDULE | canopy trees

CODE	BINOMIAL NAME	COMMON NAME	MATURE HEIGHT X CANOPY SPREAD	POT SIZE/ MIN HEIGHT AT TIME OF PLANTING	QTY	INDIGENOUS OR LOW WATER	ON SITE OR PUBLIC DOMAIN
AC	Angophora costata	Sydney Red Gum	20m x 8-12m	100Ltr	10	Y	ON SITE
AP	Acer palmatum	Japanese Maple	4m x 4m	75Ltr	8	N	ON SITE
BI	Banksia integrifolia	Coastal Banksia	15m x 6m	75Ltr	10	Y	ON SITE
BIs	Banksia integrifolia 'Sentinel'	Coastal Banksia (fastigate form)	6m x 2.5m	75Ltr	36	Y	ON SITE
BC	Buckinghamia celsissima	Ivory Curl Tree	9m x 9m	75Ltr	8	Y	PUBLIC DOMAIN PARRAWEEN ST
CFp	Cercis canadensis 'Forest Pansy'	Forest Pansy Red Bud	5m x 5m	100Ltr	7	Y	ON SITE
CC	Cyathea cooperii	Austalian Tree Fern	6 x 3m	2-5m high trunks	27	Y	ON SITE
ERe	Elaeocarpus reticulatus	Blueberry Ash	9m x 4m	100Ltr	4	Y	ON SITE
EH	Eucalyptus haemastoma	Broad Leafed Scribbly Gum	4-10m x 4-10m	200Ltr	16	Y	ON SITE
ER	Eucalyptus racemosa	Narrow-leaved Scribbly Gum	18m x 6m	100Ltr	4	Y	ON SITE
FR	Ficus rubiginosa	Port Jackson Fig	20 x 20m	300-500 Ltr	2	Y	ON SITE
LI	Lagerstroemia indica x fauriei 'Tuscarora'	Crape Myrtle	8m x 4m	200Ltr	2	Y	ON SITE
LA	Livistona australis	Cabbage Palm	up to 30m x 8m	5-10m high trunks	23	Y	ON SITE
MS	Magnolia soulangeana	Saucer Magnolia	7m x 5m	75Ltr	8	N	ON SITE
TR	Tristanopsis laurina 'Luscious'	Water Gum	7-12m x 5m	100Ltr	17	Y	ON SITE & PUBLIC DOMAIN GERARD STREET
TOTAL NEW TREES					182		

UNDERSTOREY PLANTINGS

A biodiverse range of plant species have been specified to work with the site and the variety of microclimates the built form creates, as well as provide maximum effect with minimum maintenance requirements. The range of plants employed in the landscape design combines a mix of indigenous, native and select adapted exotics and references several of the plant lists available on North Sydney Council's website. Indigenous/ native plantings proliferate throughout the majority of the development. More exotic plantings have been selected for the gardens to the 'heritage cottages' addressing Paraween Street.

In addition to garden areas on the Ground Floor (GF) and Lower Ground Floor (LGF) of the development, a green roof that perches above the westerly edge of the public plaza **and rooftop gardens** provides an area for additional greening.

All planting to green roofs **and roof gardens** shall be indigenous/ low water use, whilst approx. 75% of planting on the GF and LGF will be so. Regardless, all gardens will be provided with drip irrigation systems to ensure their successful establishment and provide additional water in low rainfall events.

PLANTING PALETTES
(refer L102 for detailed planting schedule - understorey species)

- TU (turf)

PP1

PP2

PP3

PP4

PP5
- PP6

PP7

PP8

PP9

PP10



INDICATIVE PLANT SCHEDULE | understorey species

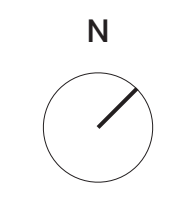
(refer L101 for LANDSCAPE PLAN | planting – understorey species for distribution of planting mixes)

BINOMIAL NAME	COMMON NAME	MATURE HEIGHT X WIDTH	POT SIZE	LOW WATER USE	BINOMIAL NAME	COMMON NAME	MATURE HEIGHT X WIDTH	POT SIZE	LOW WATER USE	BINOMIAL NAME	COMMON NAME	MATURE HEIGHT X WIDTH	POT SIZE	LOW WATER USE	BINOMIAL NAME	COMMON NAME	MATURE HEIGHT X WIDTH	POT SIZE	LOW WATER USE	BINOMIAL NAME	COMMON NAME	MATURE HEIGHT X WIDTH	POT SIZE	LOW WATER USE
PUBLIC PLAZA & THROUGH SITE LINK (PPI)					large shrubs					<i>Raphiolepis indica</i> 'Oriental Pearl'	Oriental Pearl Indian Hawthorn	1m x 1m	300mm	Y	<i>Histiopteris incise</i>	Water Fern	1.5m	140mm	N	<i>Gardenia radicans</i>	Gardenia	1m x 1m	200mm	N
groundcovers					<i>Ceropetalum gummiferum</i>	NSW Christmas Bush	2.5 x 2.5m	300mm	Y	features					small & medium shrubs					<i>Lavandula dentata</i>				
<i>Casuarina glauca</i> 'Cousin It'	Prostrate Casuarina	0.2m x 1-2m	200mm	Y	<i>Telopea speciosissima</i>	Waratah	2-4 x 1-3m	300mm	Y	<i>Banksia ericifolia</i>	Heath Banksia	2-7 x 2m	140mm	Y	<i>Raphiolepis indica</i> 'Oriental Pearl'	Oriental Pearl Indian Hawthorn	1m x 1m	300mm	Y					
<i>Chrysocephalum apiculatum</i>	Yellow Buttons	0.3m x 0.3-0.6m	140mm	Y	climbers					<i>Chroizema cordatum</i>	Heart Leaf Flame Pea	1-2 x 1-2m	140mm	Y	<i>Correa Dusky Bells</i>	Native Fuchsia	0.5 x 2m	140mm	Y	<i>Rosmarinus officinalis</i>	Rosemary	1.5 x 1.5m	200mm	Y
<i>Scaevola aemula</i>	Common Fan Flower	0.12m x 1m	140mm	Y	<i>Clematis aristata</i>	Goat's Beard	climber	140mm	Y	<i>Howea forsteriana</i>	Kentia Palm	up to 15m tall	min 5m trunk	N	<i>Crowea exaltata</i>	Fine Leaf Crowea	1 x 1m	140mm	Y	hedges				
<i>Senecio mandraliscae</i>	Blue Chalksticks	0.2m x 0.8m	140mm	Y	<i>Hardenbergia violacea</i>	Native sarsparilla	2-5 x 2-3m	140mm	Y	<i>Archontophoenix cunninghamiana</i>	Bangalow Palm	up to 16m tall	min 5m trunk	N	<i>Indigophera australis</i>	Australian Indigo	1-2 x 1-2m	140mm	Y	<i>Camellia Sasanqua</i> 'Setsugekka'	Camellia	3m x 3m	300mm	N
<i>Viola hederacea</i>	Native Violet	0.15m x 2m	140mm	Y	<i>Hibbertia scandens</i>	Snake Vine	4-10 x 2-4m	140mm	Y	WELCOME MATS TO BUILDINGS 2, 3 & 4 + PARRAWEEN STREET VERGE (PP3)					<i>Indigophera decora</i>	Bush Wisteria	0.6 x 0.6m	140mm	N	<i>Hydrangea macrophylla</i>	Mophead Hydrangea	2m x 2m	300mm	N
grasses					groundcovers					WATER FEATURE & LOWER FERN GULLY (PP5)					<i>Philotheca myoporoides</i>	Long-leaf Wax Flower	2 x 2m	200mm	Y	<i>Murraya paniculata</i>	Orange Jasmine	3m x 3m	300mm	N
<i>Dichelachne micrantha</i>	Shorthair Plumegrass	1.2m x 0.6m	50mm	Y	groundcovers					<i>Ceropetalum gummiferum</i>	NSW Christmas Bush	2.5 x 2.5m	300mm	Y	PRIVATE TERRACES (PPII)									
<i>Ficinia nodosa</i>	Knotted Club Rush	1.0 x 0.6m	50mm	Y	<i>Casuarina glauca</i> 'Cousin It'	Prostrate Casuarina	0.2m x 1-2m	200mm	Y	groundcovers					<i>Syzgium australe</i> 'Resilience'	Lilly Pilly	4-5 x 2-3m	300mm	Y	groundcovers				
<i>Lomandra Lime Tuff</i>	Lime Tuff Lomandra	0.4 x 0.4m	140mm	Y	<i>Viola hederacea</i>	Native Violet	0.15m x 2m	140mm	Y	<i>Pratia pendunculata</i>	White Star Creeper	<0.15m x 1m	200mm	Y	<i>Telopea speciosissima</i>	Waratah	2-4 x 1-3m	300mm	Y	<i>Plectranthus argentatus</i> 'Silver Shield'	Silver Spurflower	0.75m x 0.75m	200mm	Y
<i>Lomandra 'Nyalla'</i>	Mat Rush	0.8 x 0.8m	140mm	Y	grasses					<i>Viola hederacea</i>	Native Violet	0.15m x 2m	140mm	Y	accent features					<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y
<i>Miscanthus sinensis</i> 'Eileen Quinn'	Chinese Silver Grass	0.6 x 0.5m	140mm	Y	<i>Lomandra Lime Tuff</i>	Lime Tuff Lomandra	0.4 x 0.4m	140mm	Y	<i>grasses & sedges</i>					<i>Macrozamia communis</i>	Burrawang Cycad	2 x 2m	300mm	Y	groundcovers				
<i>Patersonia occidentalis</i>	Purple Flag	0.5 x 0.5m	140mm	Y	<i>Lomandra 'Nyalla'</i>	Mat Rush	0.8 x 0.8m	140mm	Y	<i>Ficinia nodosa</i>	Knotted Club Rush	1.0 x 0.6m	50mm	Y	<i>CERCIS GROVE (PP8)</i>					groundcovers				
<i>Poa labillardieri</i> 'Eskdale'	Tussock Grass	0.8 x 0.6m	140mm	Y	<i>Miscanthus sinensis</i> 'Eileen Quinn'	Chinese Silver Grass	0.6 x 0.5m	140mm	Y	<i>Juncus usitasis</i>	Common Rush	1.2 x 0.5m	80mm	Y	<i>Begonia coccinea</i>	Angel Wing Begonia	0.8 x 0.8m	300mm	N	<i>Plectranthus argentatus</i> 'Silver Shield'	Silver Spurflower	0.75m x 0.75m	200mm	Y
small shrubs					small shrubs					ferns					fems/ strappy leaf					ferns				
<i>Anigozanthus</i> 'Bush Ranger'	Kangaroo Paw	0.6 x 0.5m	140mm	Y	<i>Banksia spinulosa</i> 'Cherry Candles'	Dwarf Hairpin Banksia	0.5x 0.6m	140mm	Y	<i>Calochalena dubia</i>	Bracken Fern	2 x 1.5m	140mm	Y	<i>Blechnum</i> 'Silver Lady'	Lady Luck Fern	1m x 1m	180mm	N	<i>Asplenium australascium</i>	Birds Nest Fern	0.5-1.5 x 0.5-1.5m	200mm	Y
<i>Banksia spinulosa</i> 'Cherry Candles'	Dwarf Hairpin Banksia	0.5x 0.6m	140mm	Y	<i>Banksia spinulosa</i> 'Honey Pots'	Hairpin Banksia	0.8 x 0.8m	140mm	Y	<i>Doodia aspera</i>	Prickly Rasp Fern	0.5 x 0.5m	140mm	Y	<i>Arthropodium cirratum</i>	NZ Rock Lily	1m x 1m	200mm	Y	<i>Rosmarinus officinalis</i> prostratus	Creeping Rosemary	0.3m x 0.6-0.9m	200mm	Y
<i>Banksia spinulosa</i> 'Honey Pots'	Hairpin Banksia	0.8 x 0.8m	140mm	Y	<i>Carissa</i> 'Desert Star'	Natal Plumb	1-2 x 1-2m	200mm	Y	<i>Histiopteris incise</i>	Water Fern	1.5m	140mm	N	<i>Arthropodium cirratum</i>	NZ Rock Lily	1m x 1m	200mm	Y	<i>Viola hederacea</i>	Native Violet	0.15m x 2m	140mm	Y
<i>Banksia marginata</i>	Silver Banksia	5 x 4m	140mm	Y	<i>Correa Dusky Bells</i>	Native Fuchsia	0.5 x 2m	140mm	Y	<i>small shrubs</i>					<i>medium shrubs</i>				<i>grasses</i>					
<i>Banksia ericifolia</i>	Heath Banksia	2-7 x 2m	140mm	Y	<i>Plectranthus argentatus</i> 'Silver Shield'	Silver Spurflower	0.75m x 0.75m	200mm	Y	<i>Indigophera australis</i>	Australian Indigo	1-2 x 1-2m	140mm	Y	<i>Breynia nivosa Rosea</i>	Hawaiian Snow Bush	1.2 x 2m	200mm	N	<i>Loropetalum</i> 'Plum Gorgeous'	Fringe Flower	1.5m x 2m	200mm	N
<i>Westringia 'Mundi'</i>	Coastal Rosemary	0.4 x 1.5m	140mm	Y	<i>Westringia 'Mundi'</i>	Coastal Rosemary	0.4 x 1.5m	140mm	Y	<i>Indigophera decora</i>	Bush Wisteria	0.6 x 0.6m	140mm	N	<i>Hydrangea macrophylla</i>	Mophead Hydrangea	2m x 2m	200mm	N	<i>Raphiolepis indica</i> 'Oriental Pearl'	Oriental Pearl Indian Hawthorn	1m x 1m	300mm	Y
accent features					<i>Westringia 'Smokey'</i>	Variegated Coastal Rosemary	1.2 x 1.5m	140mm	Y	accent features					<i>Arthropodium cirratum</i>	NZ Rock Lily	1m x 1m	200mm	Y	<i>Rosmarinus officinalis</i>	Rosemary	1.5 x 1.5m	200mm	Y
<i>Xanthorrhoea australis</i>	Grass Tree	2 x 1.5m	25 - 75Ltr	Y	medium shrubs					<i>Rhipsalis baccifera</i>	Mistletoe Cactus		200mm		<i>Loropetalum</i> 'Plum Gorgeous'	Fringe Flower	1.5m x 2m	200mm	N	<i>Westringia 'Mundi'</i>	Coastal Rosemary	0.4 x 1.5m	140mm	Y
climbers					<i>Banksia spinulosa</i> 'Cherry Candles'	Dwarf Hairpin Banksia	0.5x 0.6m	140mm	Y	<i>Blechnum</i> 'Silver Lady'	Lady Luck Fern	1m x 1m	180mm	N	<i>Raphiolepis indica</i> 'Oriental Pearl'	Oriental Pearl Indian Hawthorn	1m x 1m	300mm	Y	<i>Westringia 'Smokey'</i>	Variegated Coastal Rosemary	1.2 x 1.5m	140mm	Y
<i>Clematis aristata</i>	Goat's Beard	climber	140mm	Y	<i>Banksia marginata</i>	Silver Banksia	5 x 4m	140mm	Y	PRIVATE COMMUNAL AREAS TO BUILDINGS 1 & 2 (PP4)					GUM TREE POCKET & UPPER FERN GULLY (PP7)					FRONT GARDENS TO HERITAGE COTTAGES (PP9)				
<i>Hardenbergia violacea</i>	Native sarsparilla	2-5 x 2-3m	140mm	Y	<i>Banksia marginata</i>	Silver Banksia	5 x 4m	140mm	Y	<i>groundcovers</i>					<i>Casuarina glauca</i> 'Cousin It'	Prostrate Casuarina	0.2m x 1-2m	200mm	Y	groundcovers				
<i>Hibbertia scandens</i>	Snake Vine	4-10 x 2-4m	140mm	Y	<i>Grevillea sericea</i>	Silky Grevillea	1-2 x 1-2m	140mm	Y	<i>Pratia pendunculata</i>	White Star Creeper	<0.15m x 1m	200mm	Y	<i>Indigophera decora</i>	Bush Wisteria	0.6 x 0.6m	140mm	Y	<i>Plectranthus argentatus</i> 'Silver Shield'	Silver Spurflower	0.75m x 0.75m	200mm	Y
BOUNDARY CONNECTION (PP2)					<i>Philotheca myoporoides</i>	Long-leaf Wax Flower	2 x 2m	200mm	Y	<i>climbers</i>					<i>Viola hederacea</i>	Native Violet	0.15m x 2m	140mm	Y	<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y
groundcovers					<i>Macrozamia communis</i>	Burrawang Cycad	2 x 2m	300mm	Y	<i>trailing plants</i>					<i>groundcovers</i>				<i>groundcovers</i>					
<i>Casuarina glauca</i> 'Cousin It'	Prostrate Casuarina	0.2m x 1-2m	200mm	Y	<i>Xanthorrhoea australis</i>	Grass Tree	2 x 1.5m	25 - 75Ltr	Y	<i>Indigophera decora</i>	Bush Wisteria	0.6 x 0.6m	140mm	N	<i>Begonia coccinea</i>	Angel Wing Begonia	0.8 x 0.8m	300mm	N	<i>Plectranthus argentatus</i> 'Silver Shield'	Silver Spurflower	0.75m x 0.75m	200mm	Y
<i>Viola hederacea</i>	Native Violet	0.15m x 2m	140mm	Y	PRIVATE COMMUNAL AREAS TO BUILDINGS 1 & 2 (PP4)					<i>Rhipsalis clavata</i>	Rhopsalis	2m long	200mm		<i>Hydrangea macrophylla</i>	Mophead Hydrangea	2m x 2m	200mm	N	<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y
grasses					groundcovers					<i>Rhipsalis puniceodiscus</i>					<i>Loropetalum</i> 'Plum Gorgeous'	Fringe Flower	1.5m x 2m	200mm	N	<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y
<i>Lomandra Lime Tuff</i>	Lime Tuff Lomandra	0.4 x 0.4m	140mm	Y	<i>groundcovers</i>					<i>ferns</i>					<i>Raphiolepis indica</i> 'Oriental Pearl'	Oriental Pearl Indian Hawthorn	1m x 1m	300mm	Y	<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y
<i>Lomandra 'Nyalla'</i>	Mat Rush	0.8 x 0.8m	140mm	Y	<i>Plectranthus argentatus</i> 'Silver Shield'	Silver Spurflower	0.75m x 0.75m	200mm	Y	<i>Blechnum</i> 'Silver Lady'	Lady Luck Fern	1m x 1m	180mm	N	<i>Arthropodium cirratum</i>	NZ Rock Lily	1m x 1m	200mm	Y	<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y
small shrubs					<i>Plectranthus argentatus</i> 'Silver Shield'	Silver Spurflower	0.75m x 0.75m	200mm	Y	<i>Doodia aspera</i>	Prickly Rasp Fern	0.5 x 0.5m	140mm	Y	<i>Asplenium australascium</i>	Birds Nest Fern	0.5-1.5 x 0.5-1.5m	200mm	Y	<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y
<i>Banksia spinulosa</i> 'Cherry Candles'	Dwarf Hairpin Banksia	0.5x 0.6m	140mm	Y	<i>groundcovers</i>					<i>climbers</i>					<i>medium shrubs</i>				<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y	
<i>Banksia spinulosa</i> 'Honey Pots'	Hairpin Banksia	0.8 x 0.8m	140mm	Y	<i>groundcovers</i>					<i>climbers</i>					<i>grasses/ strappy leaf</i>				<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y	
<i>Chroizema cordatum</i>	Heart Leaf Flame Pea	1-2 x 1-2m	140mm	Y	<i>groundcovers</i>					<i>climbers</i>					<i>grasses/ strappy leaf</i>				<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y	
<i>Correa Dusky Bells</i>	Native Fuchsia	0.5 x 2m	140mm	Y	<i>groundcovers</i>					<i>climbers</i>					<i>grasses/ strappy leaf</i>				<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y	
<i>Crowea exaltata</i>	Fine Leaf Crowea	1 x 1m	140mm	Y	<i>groundcovers</i>					<i>climbers</i>					<i>grasses/ strappy leaf</i>				<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y	
<i>Plectranthus argentatus</i> 'Silver Shield'	Silver Spurflower	0.75m x 0.75m	200mm	Y	<i>groundcovers</i>					<i>climbers</i>					<i>grasses/ strappy leaf</i>				<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y	
<i>Westringia 'Mundi'</i>	Coastal Rosemary	0.4 x 1.5m	140mm	Y	<i>groundcovers</i>					<i>climbers</i>					<i>grasses/ strappy leaf</i>				<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y	
<i>Westringia 'Smokey'</i>	Variegated Coastal Rosemary	1.2 x 1.5m	140mm	Y	<i>groundcovers</i>					<i>climbers</i>					<i>grasses/ strappy leaf</i>				<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y	
medium shrubs					<i>groundcovers</i>					<i>climbers</i>					<i>grasses/ strappy leaf</i>				<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y	
<i>Banksia ericifolia</i>	Heath Banksia	2-7 x 2m	140mm	Y	<i>groundcovers</i>					<i>climbers</i>					<i>grasses/ strappy leaf</i>				<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y	
<i>Banksia marginata</i>	Silver Banksia	5 x 4m	140mm	Y	<i>groundcovers</i>					<i>climbers</i>					<i>grasses/ strappy leaf</i>				<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y	
<i>Grevillea sericea</i>	Silky Grevillea	1-2 x 1-2m	140mm	Y	<i>groundcovers</i>					<i>climbers</i>					<i>grasses/ strappy leaf</i>				<i>Plectranthus 'Plepalilia'</i>	Plectranthus Mona Lavender	0.6m x 0.6m	200mm	Y	
<i>Philotheca myoporoides</i>	Long-leaf Wax Flower	2 x 2m	200mm	Y	<i>groundcovers</i>					<i>climbers</</i>														

GERARD STREET

SCALE 1:100 @ A1

A horizontal beam of total length $6M$ is shown. A hinge support is located at a distance of $2M$ from the left end. A roller support is located at a distance of $4M$ from the left end. The beam is divided into three segments: 0 to $2M$, $2M$ to $4M$, and $4M$ to $6M$.



Australian Institute of
Landscape Architects

Member No. 1964

Drawing #

L200

Svalbe + BRENDAN MOAR
&co

Drawing Name
LANDSCAPE PLAN |
ZOOM Building 4 +
Gerard Street - GA

Date
July 2024

Issue
I

PATHWAYS CREMORNE

50-88 Parraween Street + 59-67 Gerard Street

Client
Pathways Residences

Stage/ Issue
DA Submission

Contacts
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Brendan Moar · bbbmoar@gmail.com

LANDSCAPE FINISHES & ELEMENTS

- MP

TU

GR

TD

PV1

PV2

PV3
- mass planting (refer planting plan + schedule for details)
turf
gravel
timber deck
continuous permeable paving with 3 alternating finishes
natural stone crazy pave
continuous permeable paving with feature metal inlays
- PV4

PV5

PV6

E1

W1

W2

SS1

SS2
- deco granite
exposed aggregate concrete
custom coloured fibreglass boardwalk
steel edges/ retaining
stone walls
masonry walls
sculptural seats - off form concrete - 300 - 500mm high
sculptural seats - carved from natural stone - 300 - 500mm high

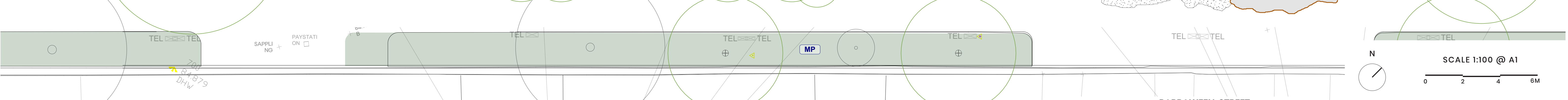
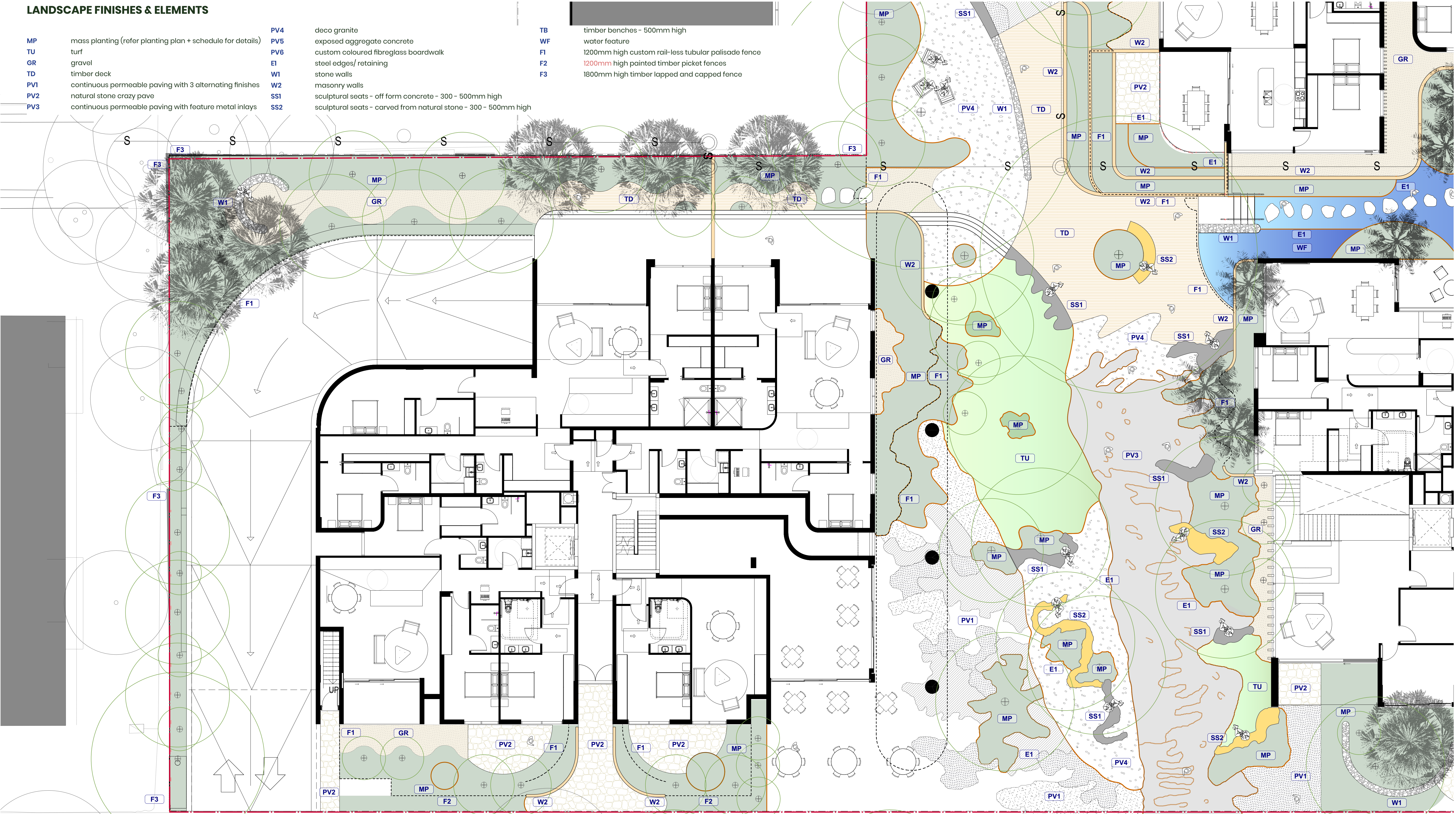
- TB

WF

F1

F2

F3
- timber benches - 500mm high
water feature
1200mm high custom rail-less palisade fence
1200mm high painted timber picket fences
1800mm high timber lapped and capped fence



LANDSCAPE FINISHES & ELEMENTS

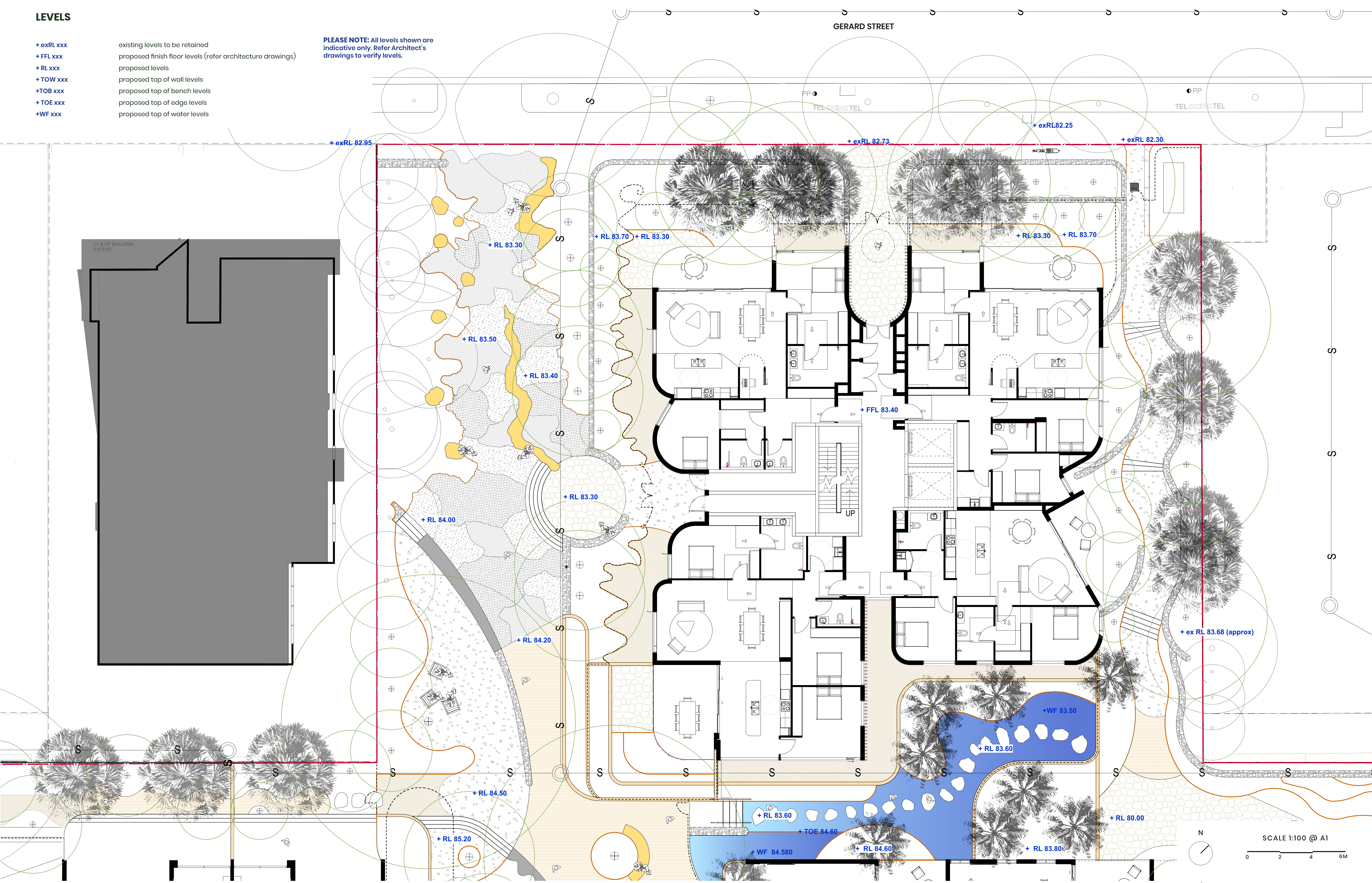
MP	mass planting (refer planting plan + schedule for details)	PV4	deco granite	TB	timber benches – 500mm high
TU	turf	PV5	exposed aggregate concrete	WF	water feature
GR	gravel	PV6	custom coloured fibreglass boardwalk	F1	1200mm high custom rail-less tubular palisade fence
TD	timber deck	E1	steel edges/ retaining	F2	1200mm high painted timber picket fences
PV1	continuous permeable paving with 3 alternating finishes	W1	stone walls	F3	1800mm high timber lapped and capped fence
PV2	natural stone crazy pave	W2	masonry walls	FX1	hanging steel planters
PV3	continuous permeable paving with feature metal inlays	SS1	sculptural seats – off form concrete – 300 – 500mm high		
		SS2	sculptural seats – carved from natural stone – 300 – 500mm high		



LEVELS

- + exRL xxx existing levels to be retained
- + FFL xxx proposed finish floor levels (refer architecture drawings)
- + RL xxx proposed levels
- + TOW xxx proposed top of wall levels
- + TOB xxx proposed top of bench levels
- + TOE xxx proposed top of edge levels
- + WF xxx proposed top of water levels

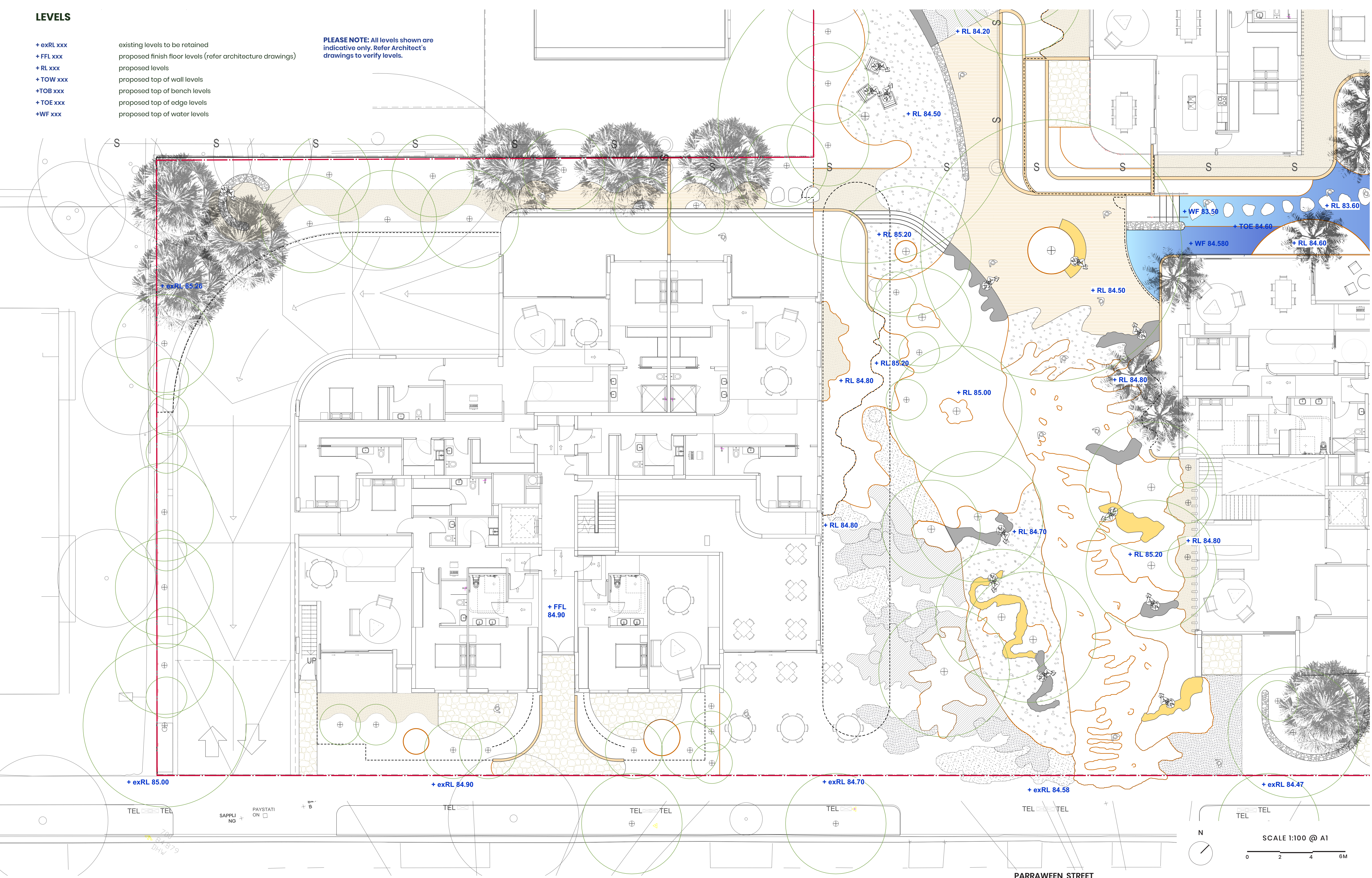
PLEASE NOTE: All levels shown are indicative only. Refer Architect's drawings to verify levels.

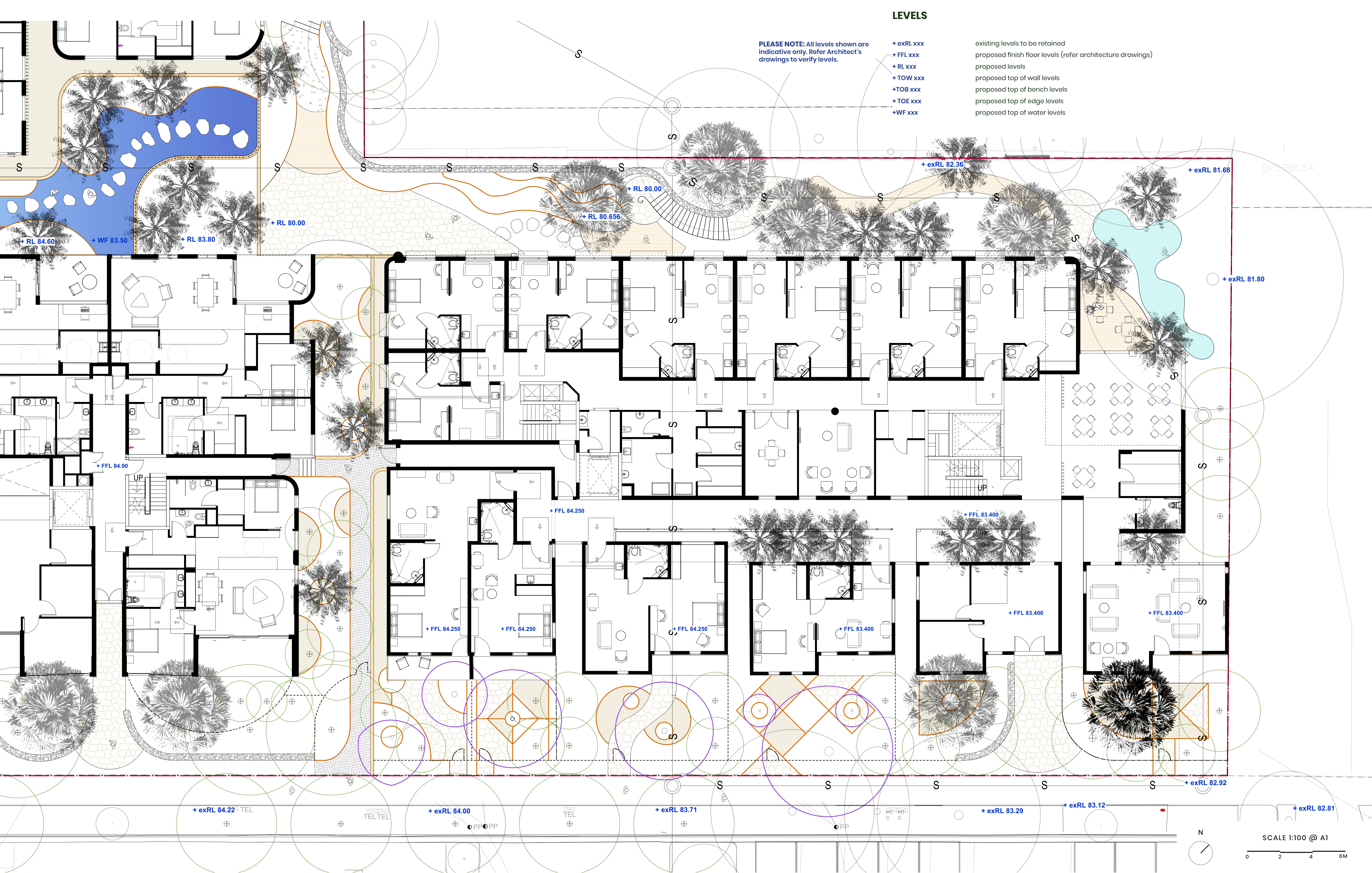


LEVELS

- + exRL xxx existing levels to be retained
- + FFL xxx proposed finish floor levels (refer architecture drawings)
- + RL xxx proposed levels
- + TOW xxx proposed top of wall levels
- + TOB xxx proposed top of bench levels
- + TOE xxx proposed top of edge levels
- + WF xxx proposed top of water levels

PLEASE NOTE: All levels shown are indicative only. Refer Architect's drawings to verify levels.

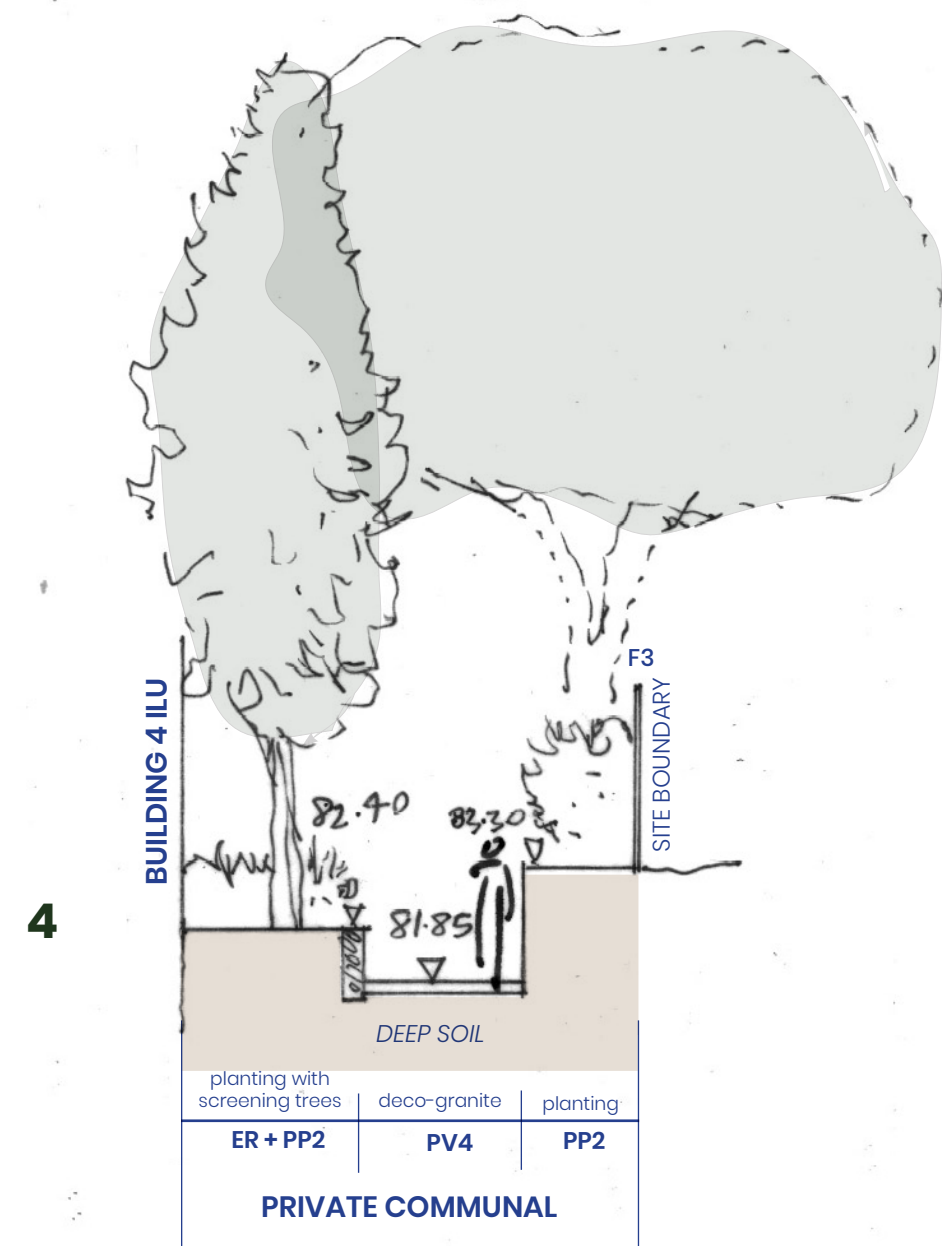
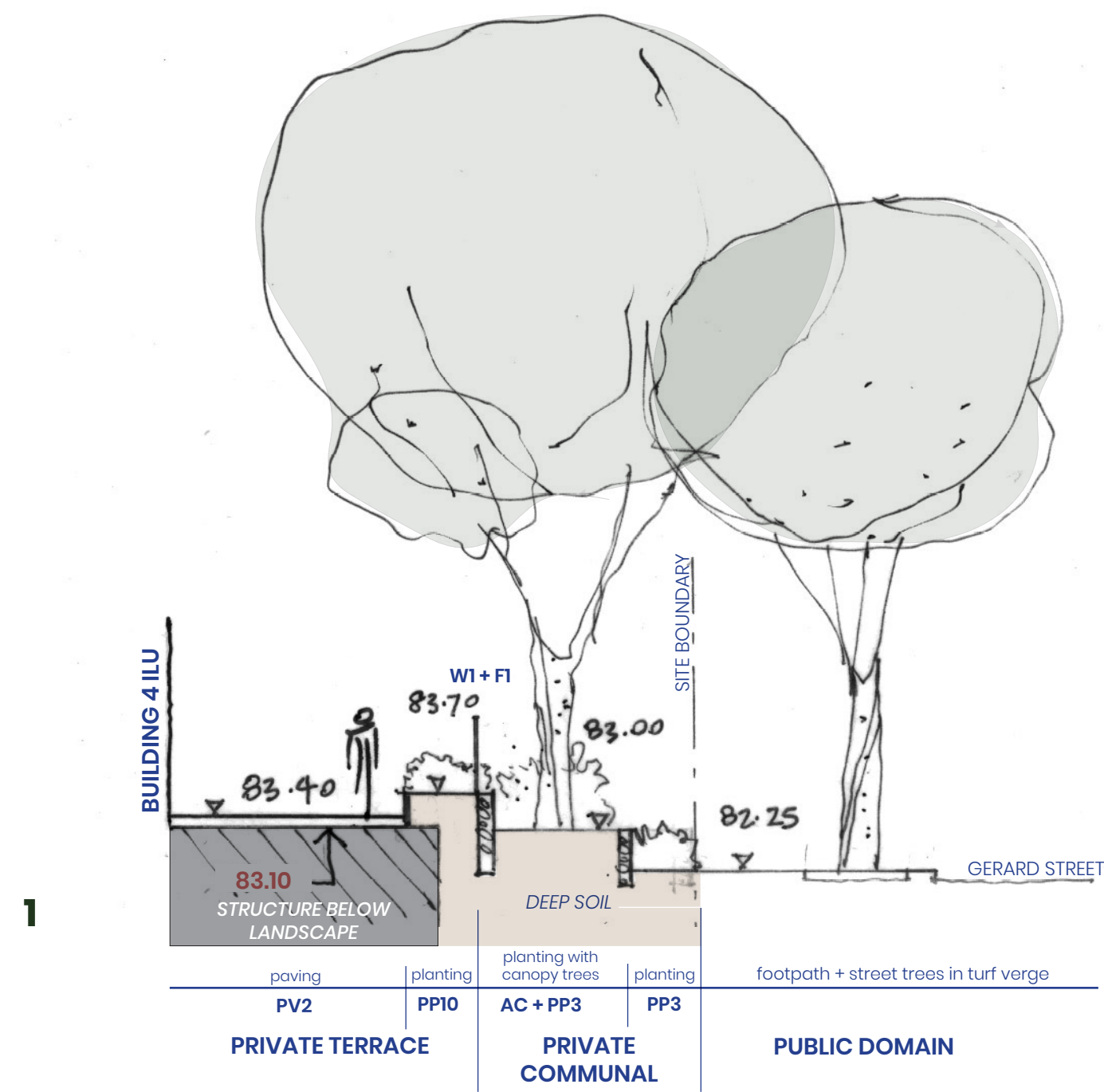




PLEASE NOTE: All levels shown are indicative only. Refer Architect's drawings to verify levels.

- + exRL xxx
- + FFL xxx
- + RL xxx
- + TOW xxx
- + TOB xxx
- + TOE xxx
- + WF xxx

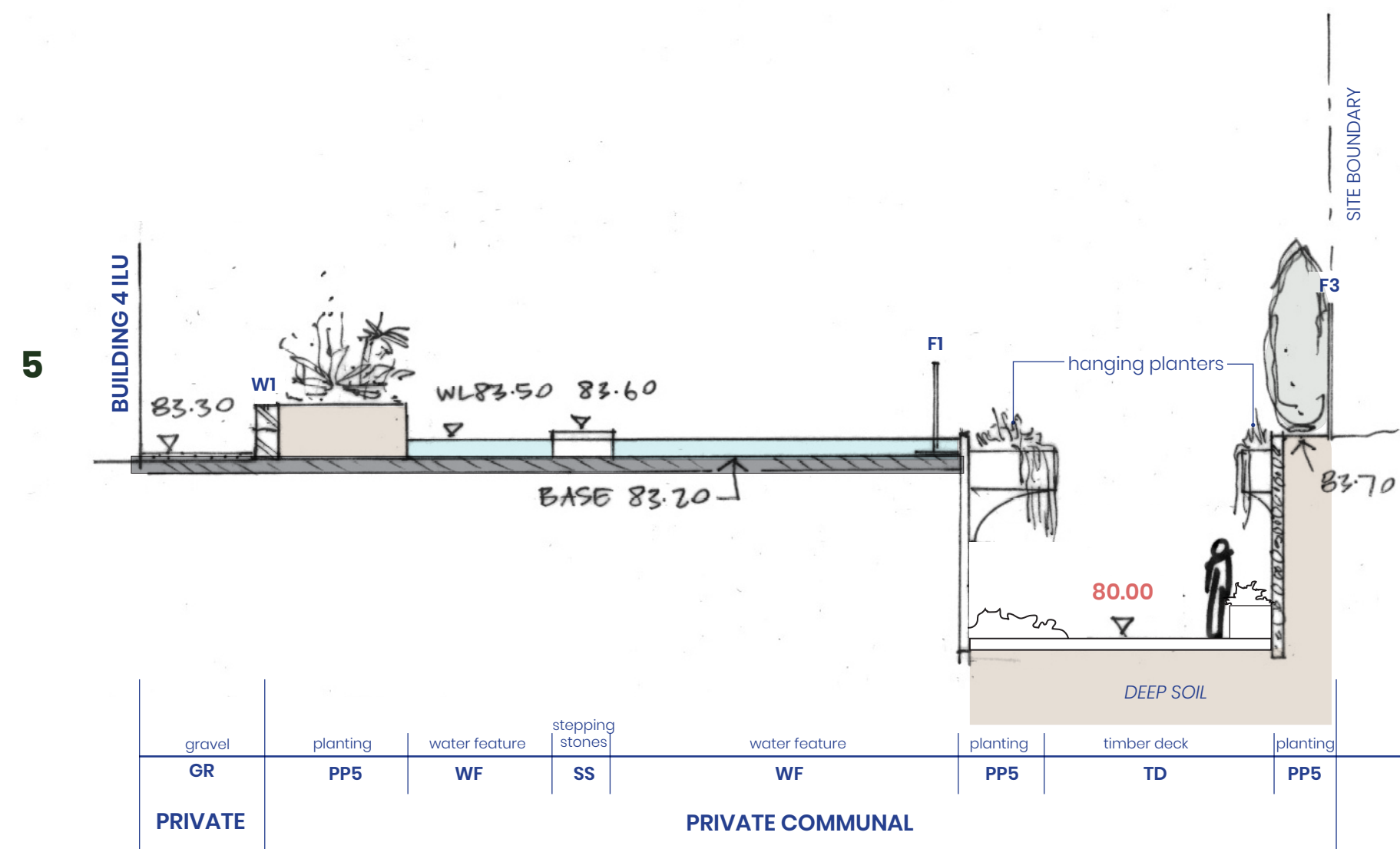
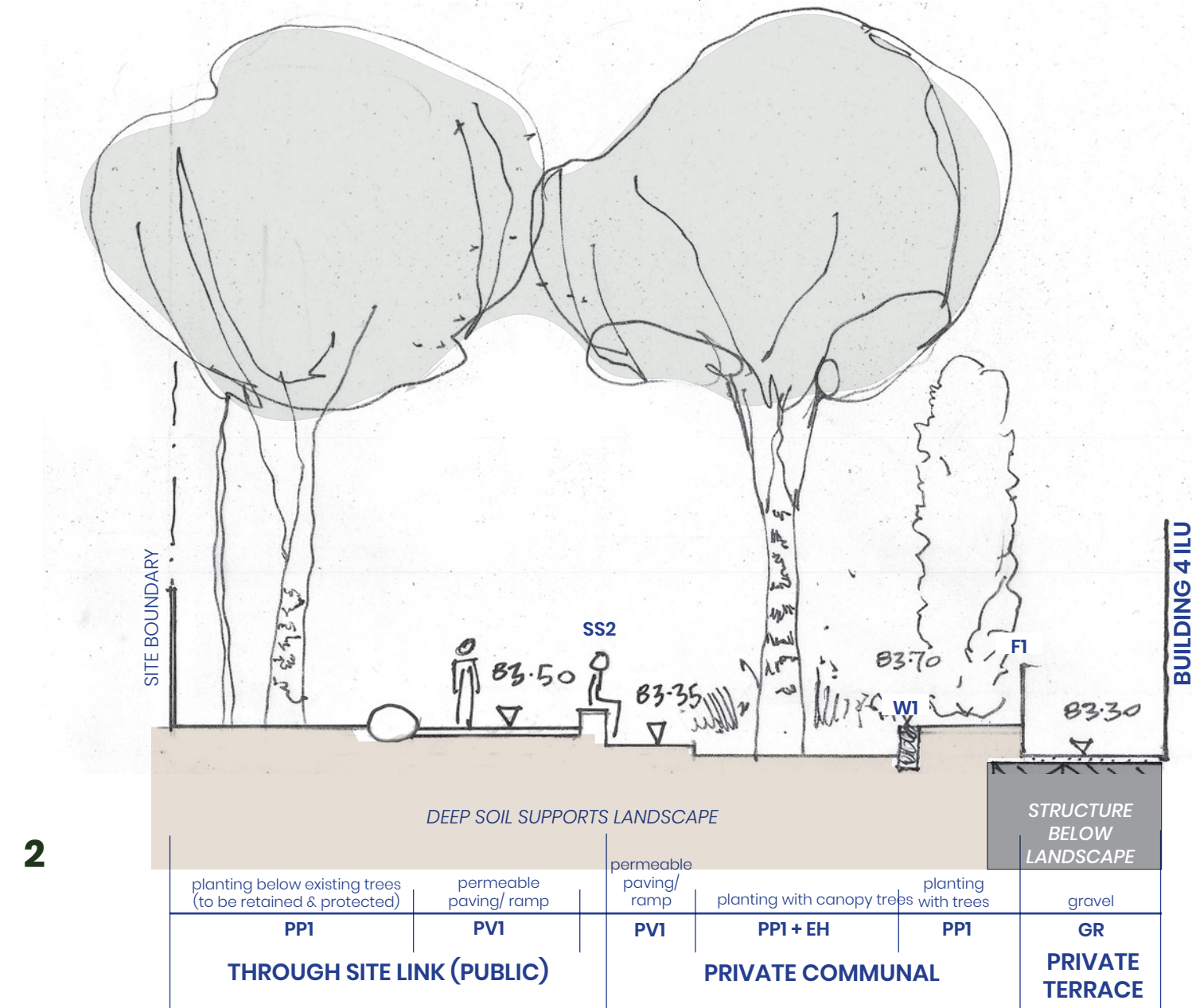
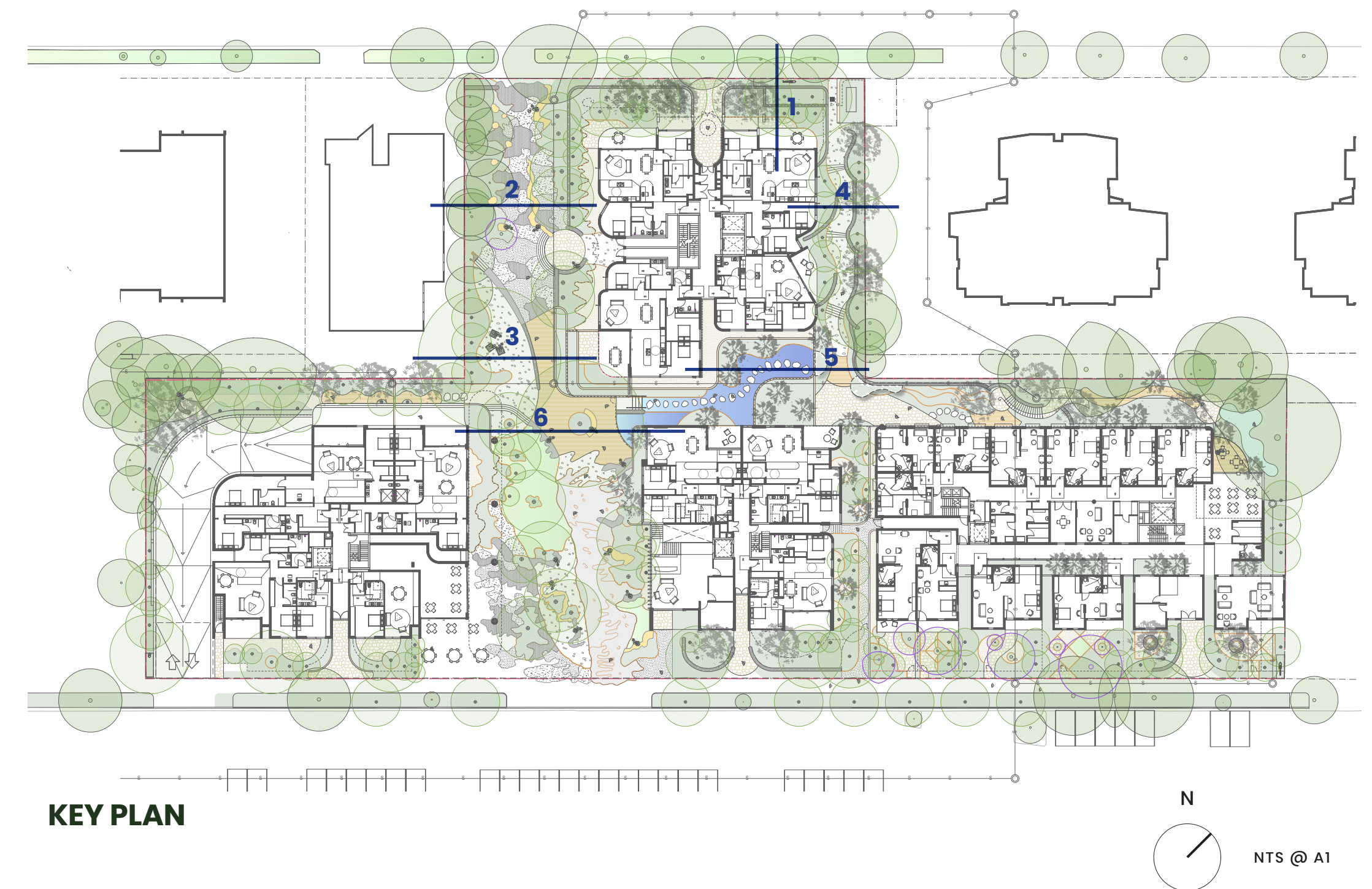
existing levels to be retained
proposed finish floor levels (refer architecture drawings)
proposed levels
proposed top of wall levels
proposed top of bench levels
proposed top of edge levels
proposed top of water levels



SECTIONS | SCALE 1:100

0 2 4 6M

PLEASE NOTE: All levels shown on sections are indicative only. Refer Architect's drawings to verify levels.

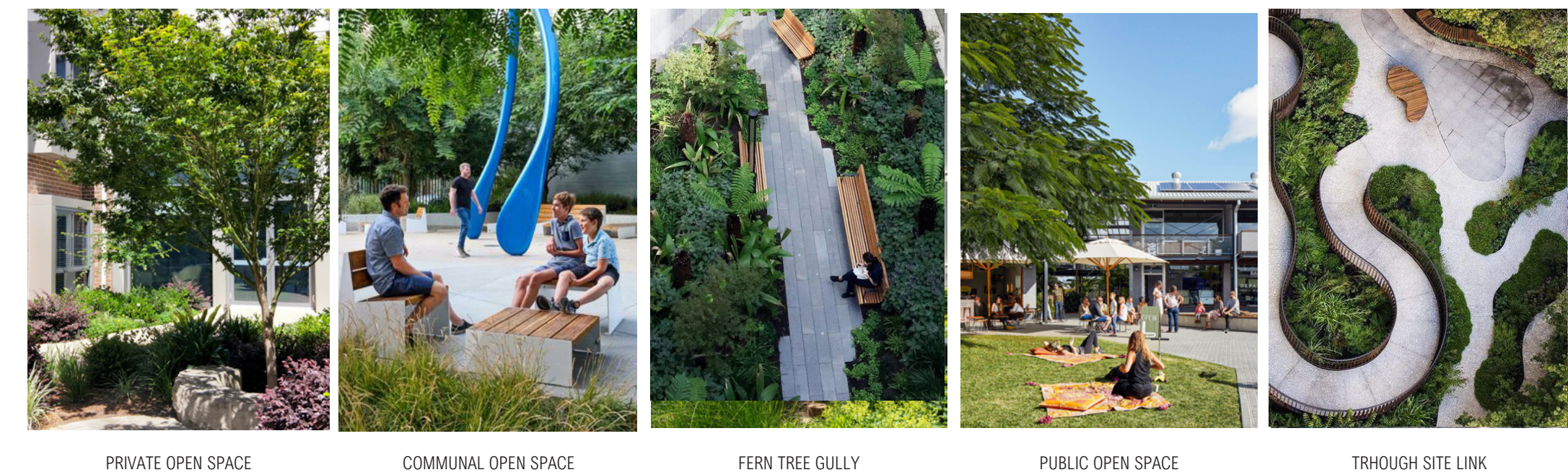
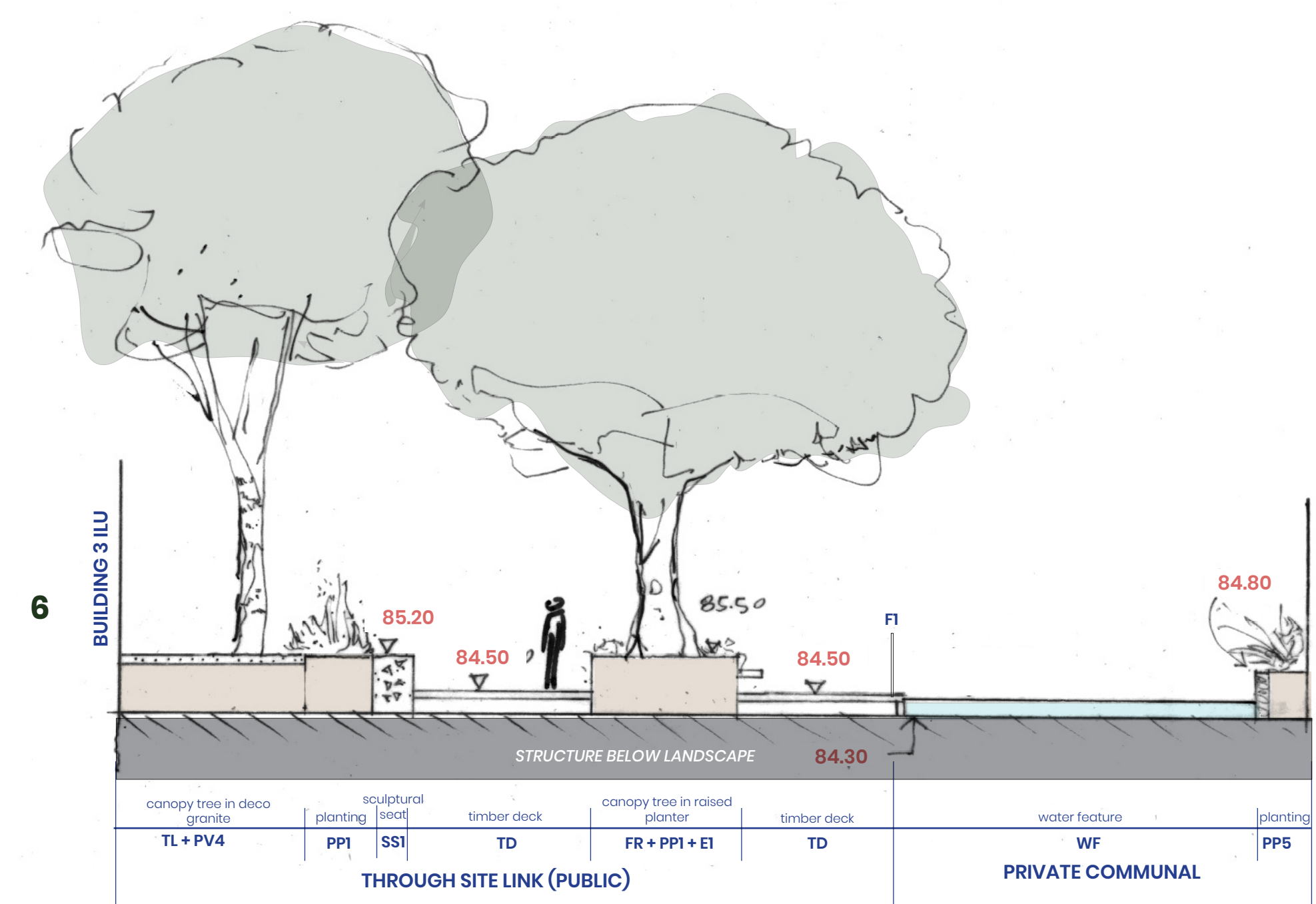
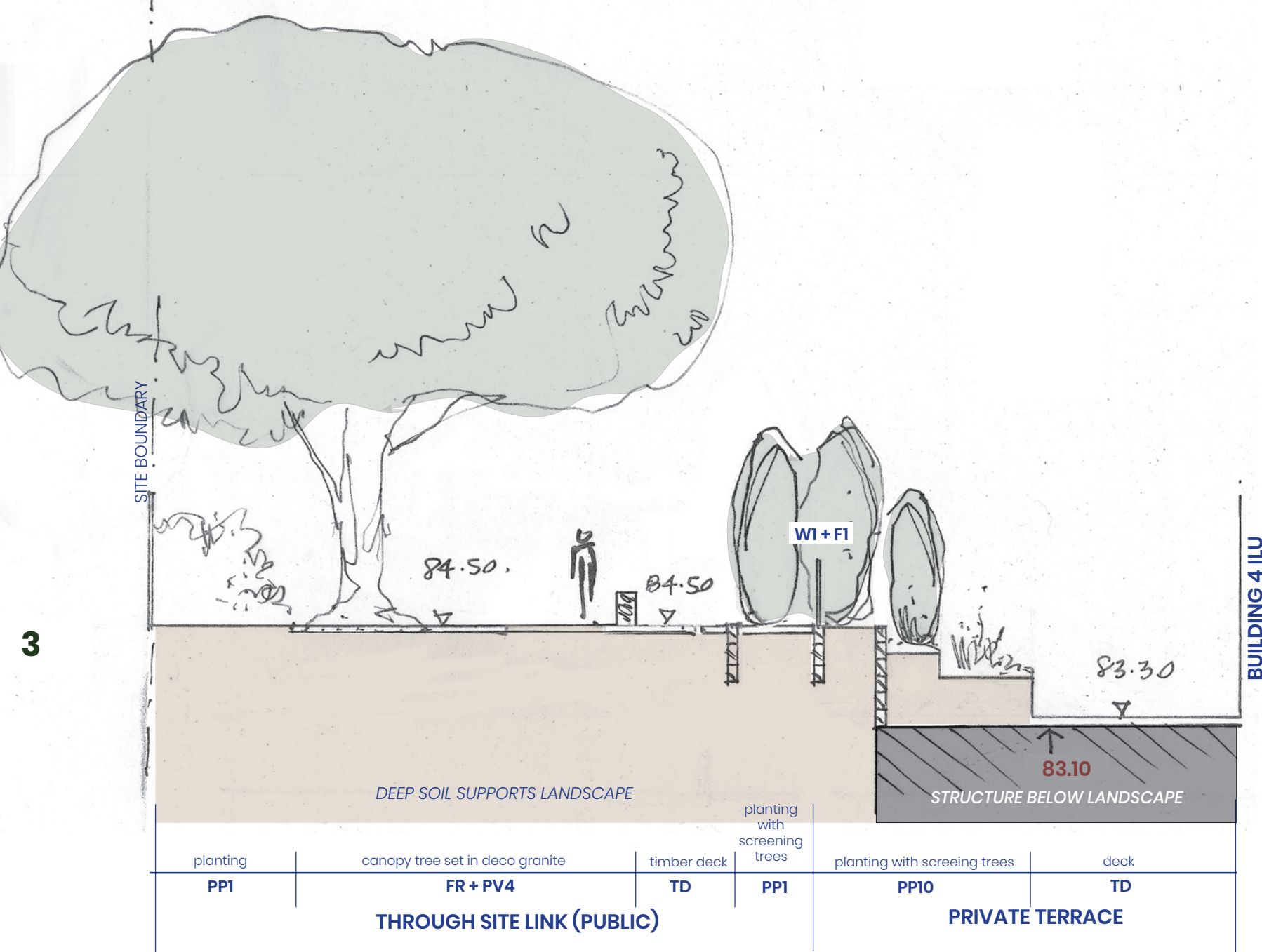


SHARING THE LANDSCAPE

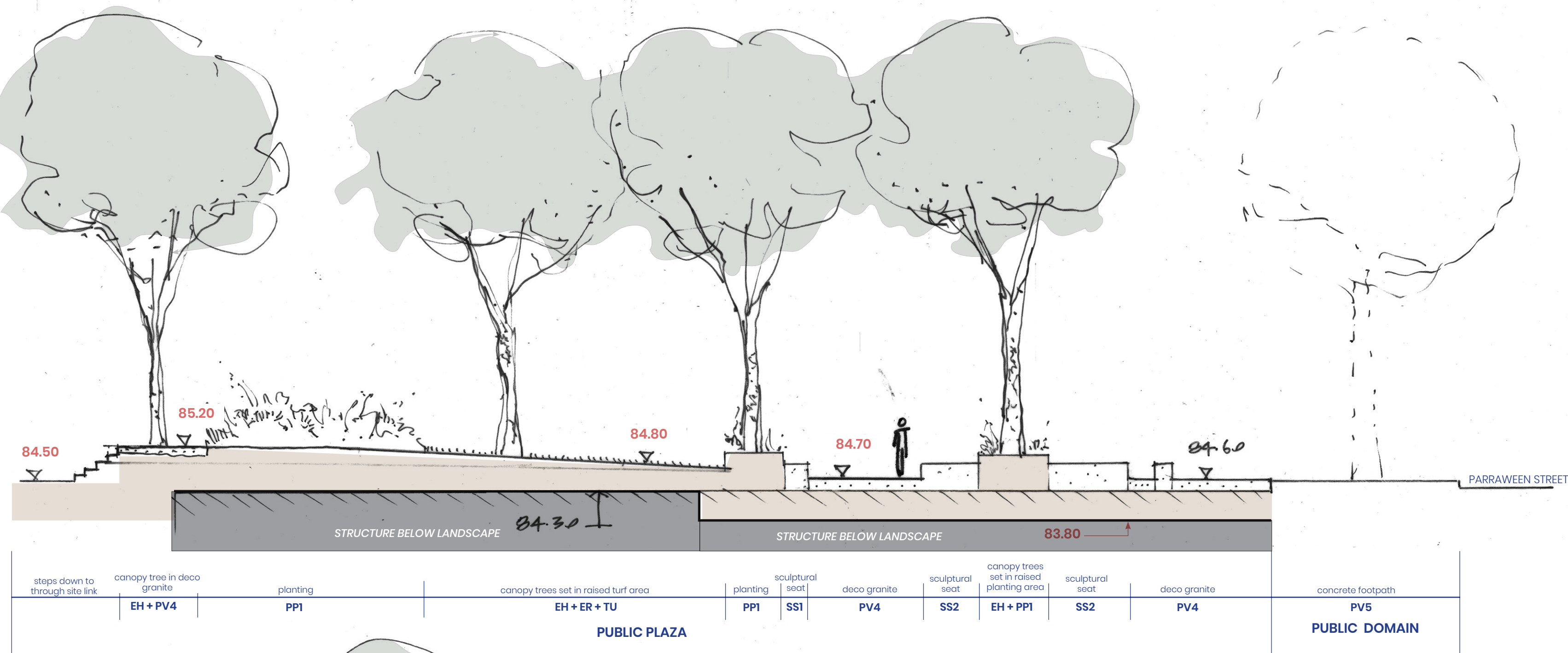
Landscape will play a key role in the success of the development by:

- helping negotiate the delicate interface between the public, private communal and private domain of the development
- supporting activation opportunities – passive & active
- adding to the developments sustainability objectives through the thoughtful choice of materials + plants
- creating cues & touch points to help visitors safely move through and around the site
- grounding the development in the inherent qualities of the site and township

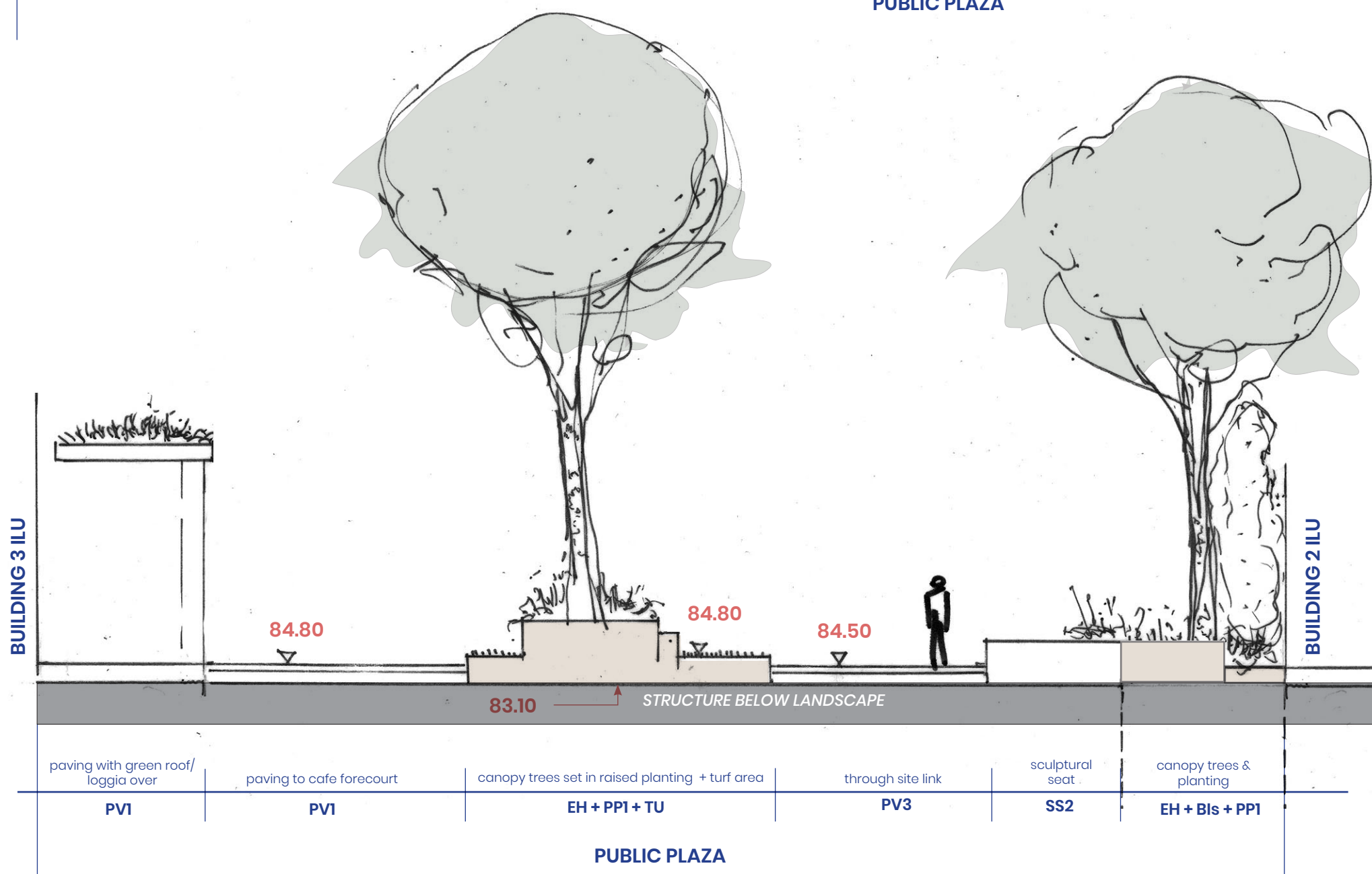
Layered planting, level changes and built structures combine to create visual filters and physical barriers between the public and private areas of the site.



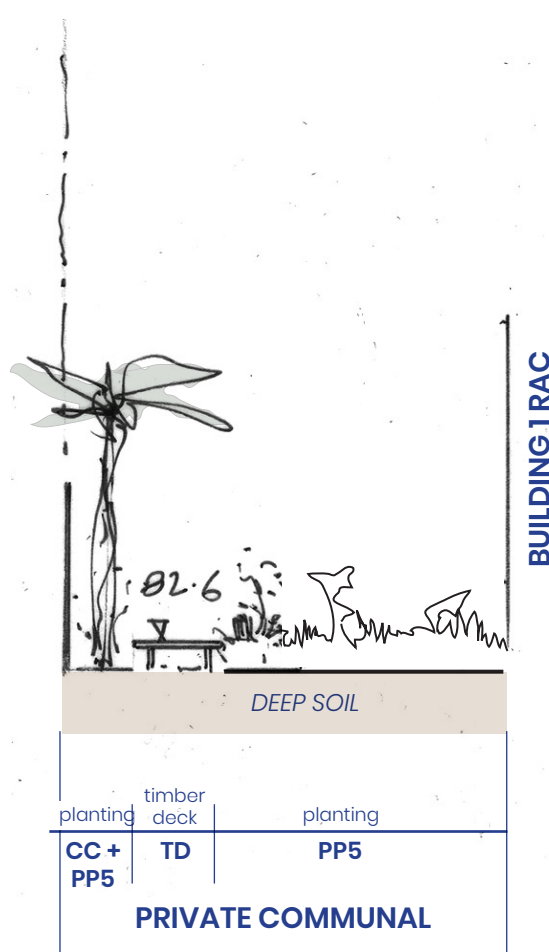
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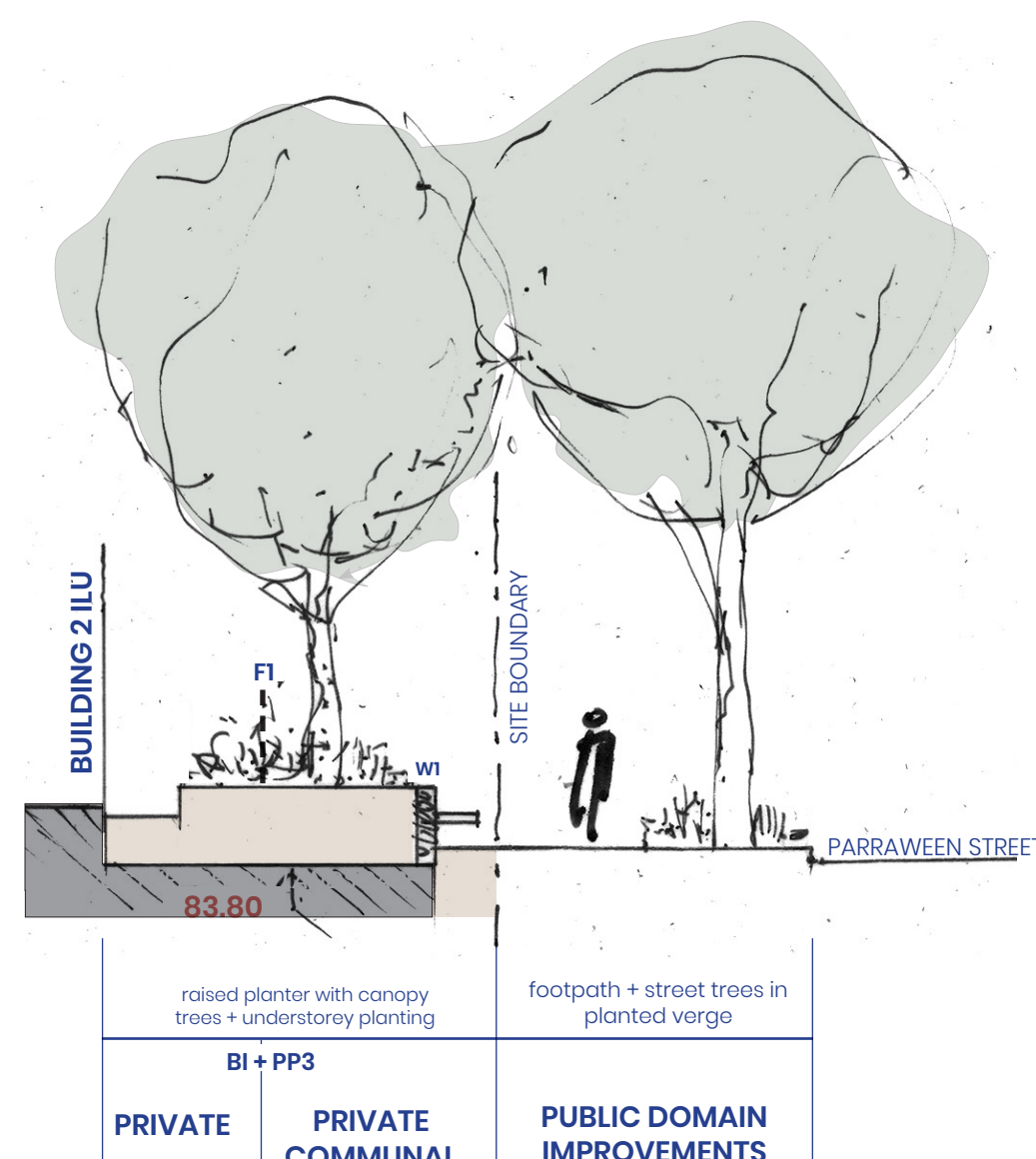
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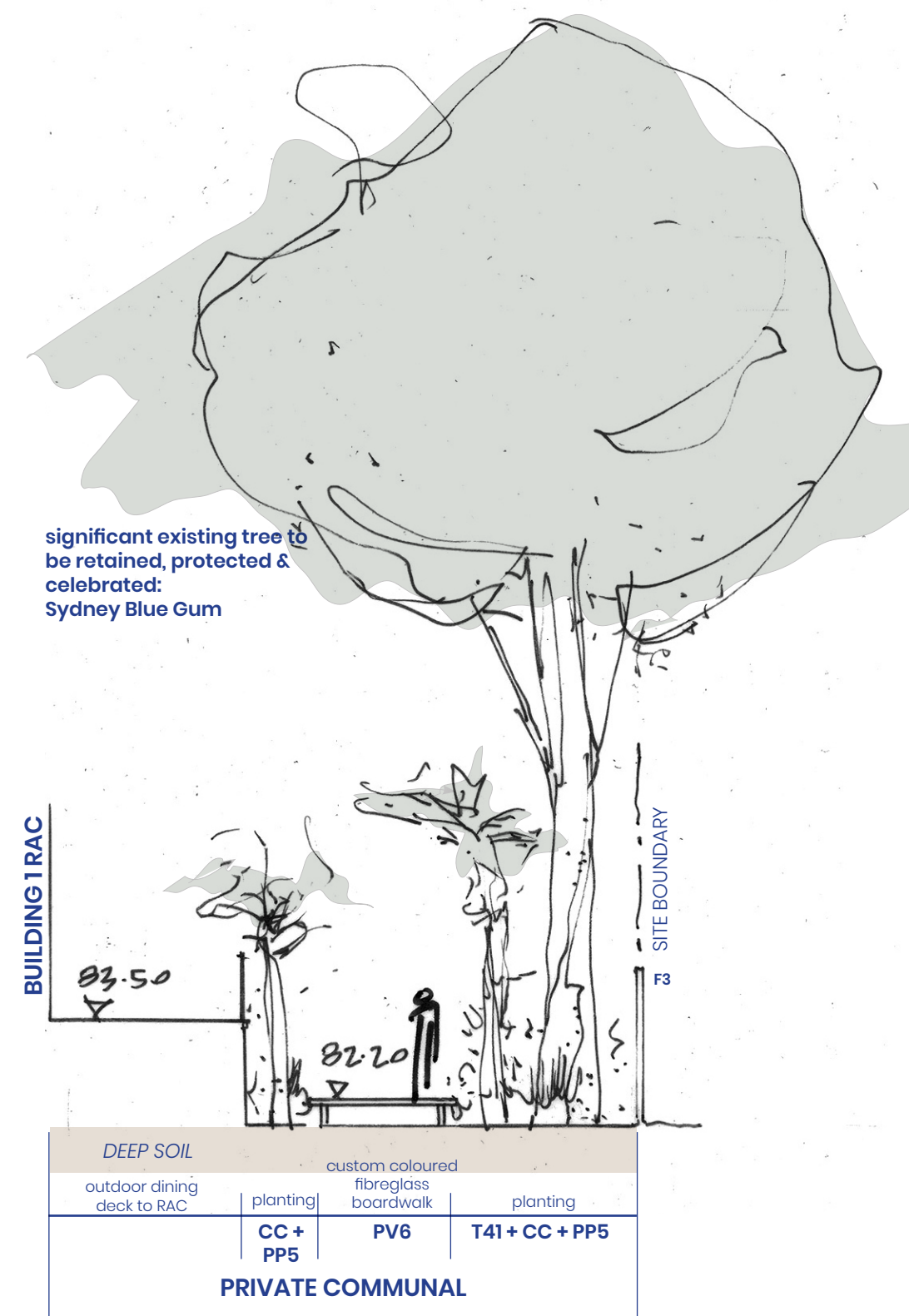
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10



11

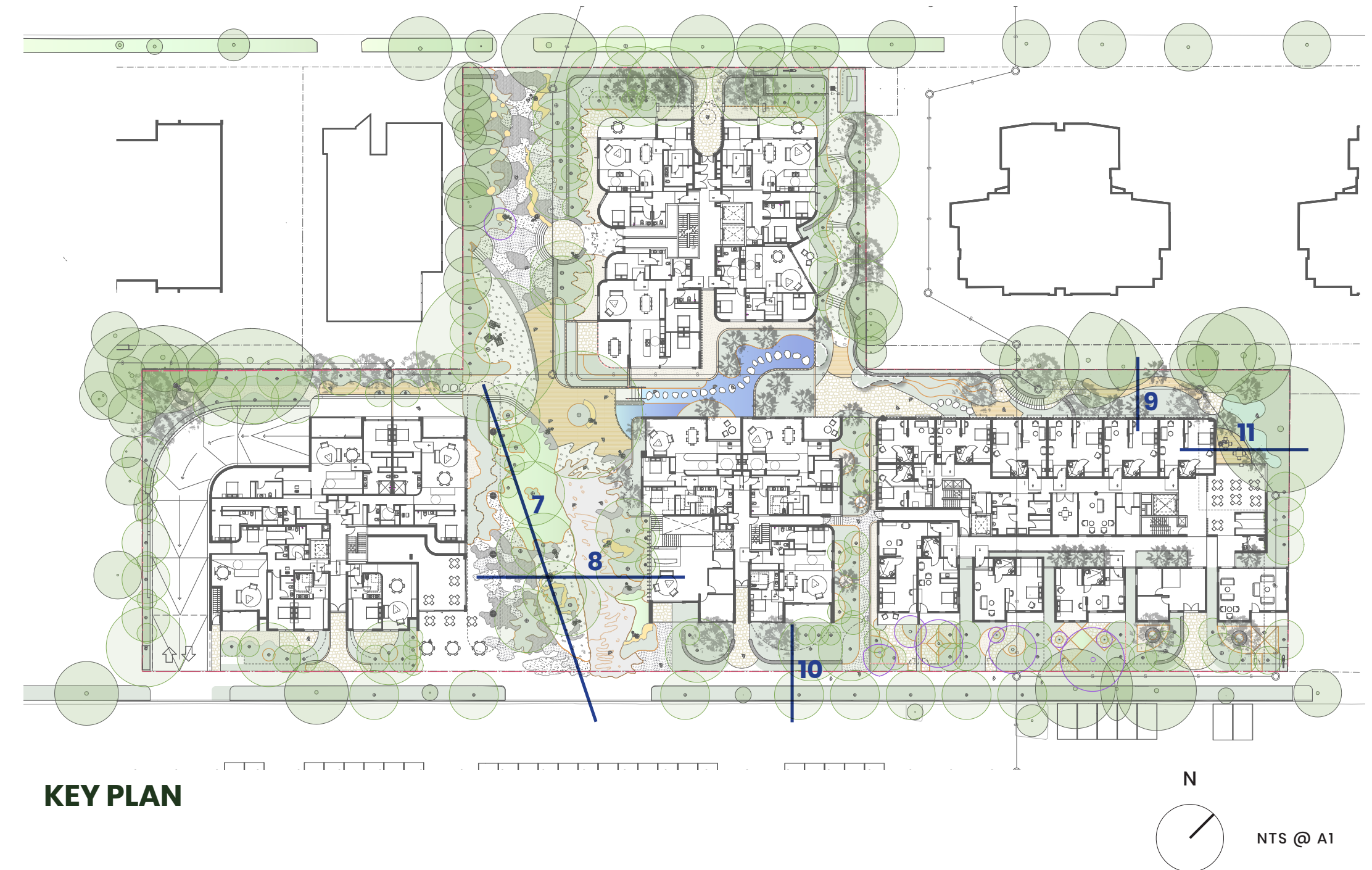


SECTIONS | SCALE 1:100

0 2 4 6M

PLEASE NOTE: All levels shown on sections are indicative only. Refer Architect's drawings to verify levels.

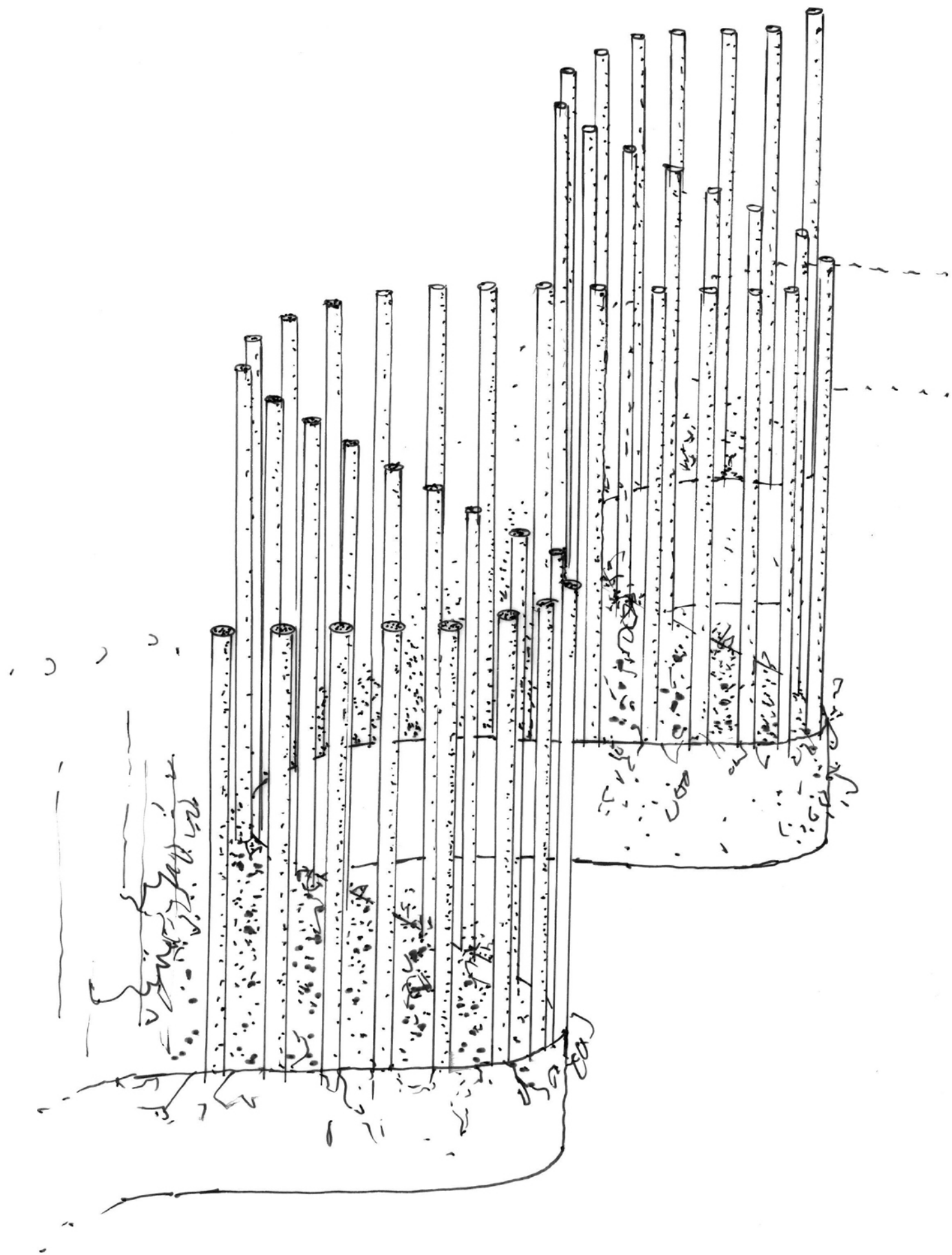
significant existing tree to be retained, protected & celebrated: Sydney Blue Gum



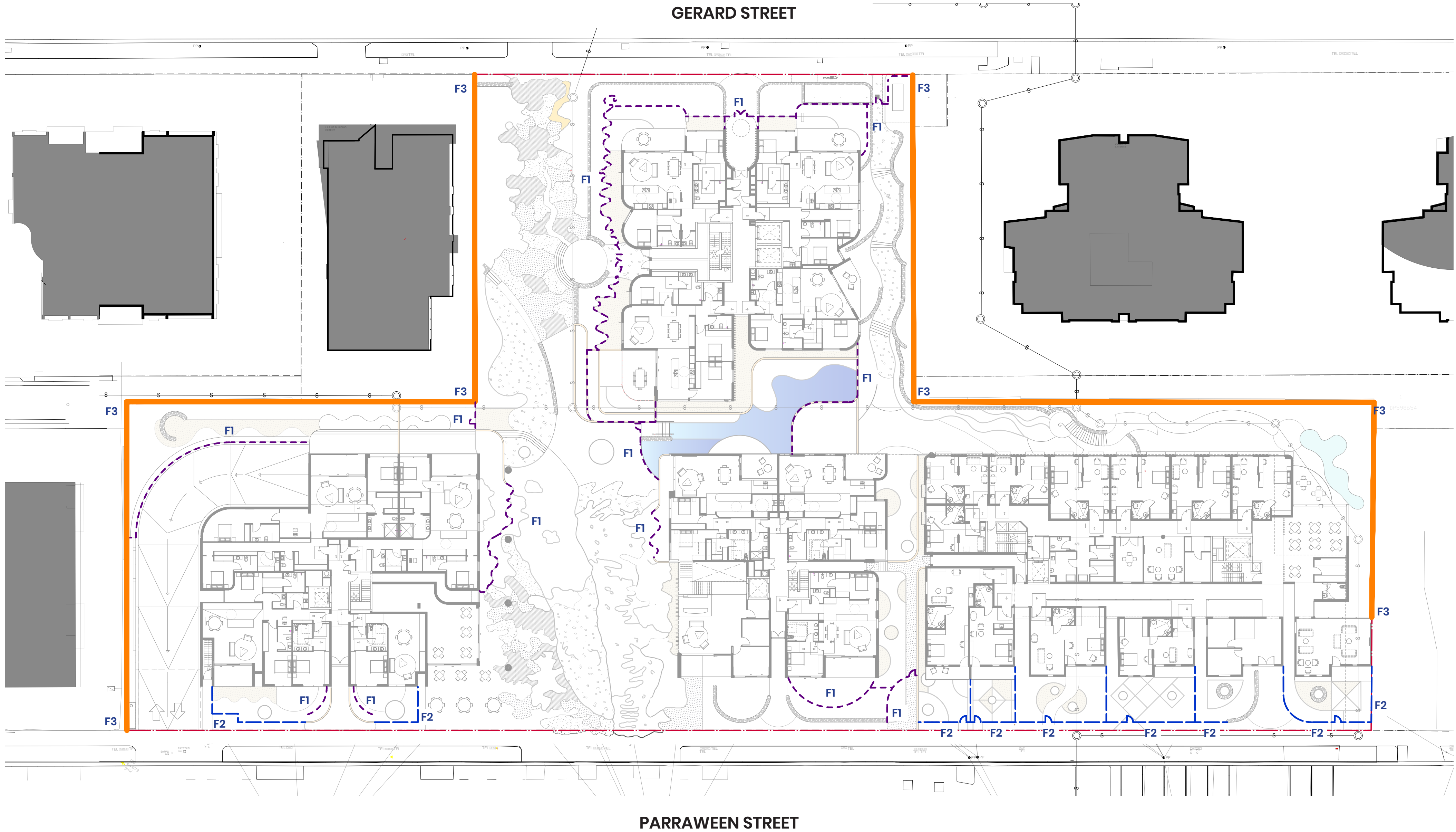
SKETCH PERSPECTIVE - Gum tree pocket

FENCES

Combined with planting areas, fences provide a physical barrier and visual filter between the publicly accessible and private areas of the site. 3 fence types have been used across the development. Refer below for more details.



SKETCH DETAIL of fence type F1 as it traverses the through site link



LEGEND

- Site boundary
- F1 1200mm high custom rail-less tubular palisade fence
- F2 1200mm painted timber picket fences
- F3 1800mm high timber lapped and capped fence



F1



F2



F3



THROUGH SITE LINK

The arrangement of the buildings on the site creates a visual and physical link from Parraween Street through to Gerard Street, open for the use the residents and public at large.

The design of this through site link responds to the building uses surrounding it. Its detailing speaks to the patterning that can be observed in the bark of the locally endangered Scribbly Gum tree. The ambition to increase biodiversity as well as canopy cover on the site informs the planting distribution and specification.

The Parraween Street end of the link presents as a public plaza and park. To its westerly edge, a constructed landform creates a backdrop to the café that addresses Parraween Street and a multi-use area to play, congregate and laze. To its east, vegetation creates a buffer to the adjoining residences. To both edges, organic seats provide seating opportunities and/ or an invitation to play for younger user groups under the shade of groves of Scribbly Gum trees. Running through its centre is a generous pedestrian path that grades down ever so slightly to meet the 'heart' of the link.

At the heart, the pavement transforms into a timber deck and encourages visitors to slow down and enjoy time in the deep shade provided by the proposed Fig tree canopy and enjoy views to the east over the proposed 'billabong' and beyond to Fern Tree Gully.

Moving toward Gerard Street from the 'heart' the ramp & stair combination proposed in our initial scheme has been greatly simplified to make way for a more generous, continuous 1:20 ramp. This move allows us to significantly open up the site lines into the site when looking from Gerard Street. To the western edge of this part of the link, a grove of existing trees (that are to be retained) is underlain with generous understorey planting to provide a buffer to the adjoining development site. To its eastern side, new canopy plantings complement the existing and understorey planting, combined with a composition of walls and 'scribbly bark' fence provide amenity to the users of the link as well as privacy and separation to the residents from the public users of the link. In keeping with the Parraween Street end of the link, sculptural seats and boulders hold the edges of the pedestrian space and provide opportunities for rest and play.



SCRIBBLY GUM
inspires design form in
through site link

PRECEDENTS
materiality
through site link



SKETCH PERSPECTIVE – View1 – towards Gerard Street from the terrace that hugs the NE edge of the 'heart'



