OPAL ST CLAIR

94-100 EXPLORERS WAY, ST CLAIR NSW

LANDSCAPE ARCHITECTURE **DEVELOPMENT APPLICATION**

Sheet Number	Sheet Name
LA000	COVER SHEET
LA001	DESIGN APPROACH
LA100	LANDSCAPE MASTER PLAN
LA101	MELALEUCA COURTYARD
LA102	SPRINGTIME COURTYARD
LA103	GUMNUTGARDEN
LA104	PAPERBARK COURTYARD
LA105	ENTRY GARDEN
LA201	PLANTING PLAN 1
LA202	PLANTING PLAN 2
LA203	PLANTING PLAN 3
LA204	PLANTING PLAN 4
LA300	SECTIONS
LA301	SECTIONS
LA400	TREE RETENTION AND REMOVAL PLAN
LA500	PLANT SCHEDULE
LA600	LANDSCAPE DETAILS
LA601	FENCING PLAN
LA602	LEVELS PLAN



Design Statement

The design of the external environments creates an appropriate residential landscape setting to the site as a whole and specifically to the edges, street fronts and internal courtyards. The design and proposed planting character celebrates the natural characteristics of Western Sydney and re-establishes a vegetative character complementary to the surrounding residential nature of St Clair.

The proposal retains numerous trees to the north, south and east of the site and supplements the existing native tree character with an extensive tree, shrub and groundcover planting strategy to the site enhancing the landscape typology of the area. Boundaries to the east and west of the site contain a layered planting strategy creating visual interest and functional screening to all boundaries of the site. This planting is located in appropriately sized deep soil areas, ensuring that these trees establish to full height and provide visual screening to and from the proposed home (Refer LA300 for deep soil planting areas). The expansive northern landscaped areas will retain numerous existing native trees and enhance ecological values of the site with consideration to APZ requirements required by the Bushfire Consultant and the NSW RFS.

The entry precinct fronting Explorers Way will retain numerous existing trees fronting the street and supplement existing with the installation of a primary layer of street trees and new feature trees within the sites frontage. This layered tree planting strategy provides opportunity for a feature tree central to the axis of the home and create a landscaped frontage which presents to the street, where the predominant entry and exit points are visible only. Six detailed courtyards are proposed throughout the development which provide aesthetic and functional outdoor space for residents, Opal team members and families alike. All courtyards are located on ground floor and accessible by residents. Each of the courtyards are themed based off native vegetation of the area to create memorable environments for residents with varying levels of dementia and accessible requirements. Within each courtyard are a range of passive and tactile opportunities representative of normal home life, these include vegetable gardens, potting benches, vine covered arbors, resident BBQ areas and a small play element for children of visiting families.

This is extensively landscaped proposal positively contributes to the residential landscape setting of St Clair through its application of planting and design outcomes to benefit the local community and ecology of the area.



CONTEXT PLAN

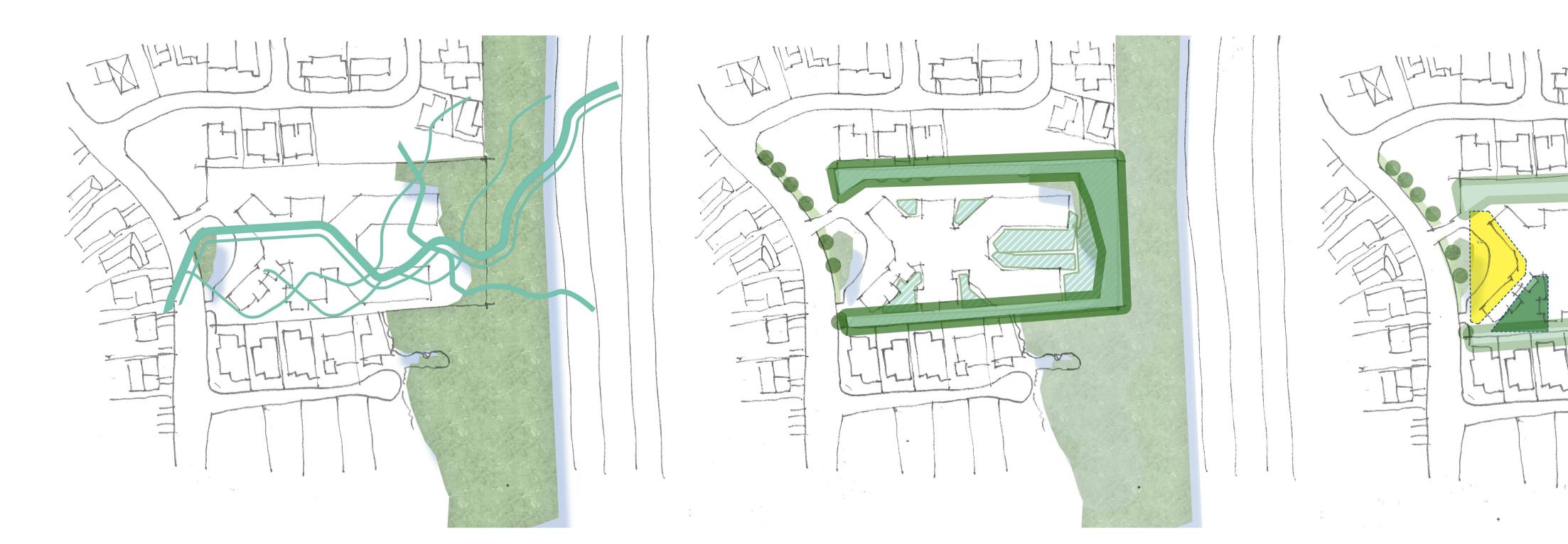
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TAYLOR BRAMMER LANDSCAPE ARCHITECTS PTY LTD SYDNEY STUDIO 218 OXFORD STREET WOOLLAHRA NSW 2025 T:+61 2 9387 885

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2

DESIGN PRINCIPLE 1 INTEGRATED GREATER CONTEXT TO THE PROPOSAL



Integrate landscape typology of local bushland and creek character throughout the proposal





Images indicate the use of native and cultural planting as a backdrop to activities

OPAL ST CLAIR DEVELOPMENT APPLICATION

LEGEND:

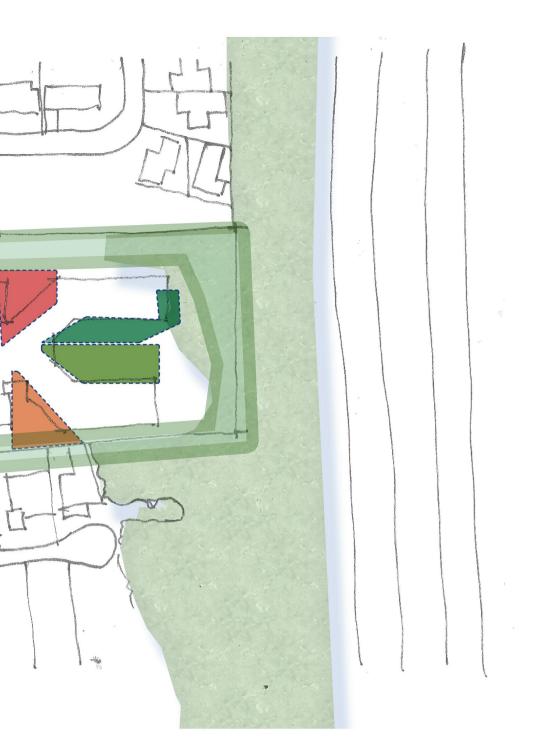
DESIGN PRINCIPLE 2 LANDSCAPE TO BOUNDARIES+ STREET SCAPE

Create complementary landscape settings to street and neighbouring interfaces

DESIGN PRINCIPLE 3 THEMED COURTYARDS **TO GARDENS**



Creation of themed courtyards which complement the establised landscape typology of the region



DESIGN APPROACH





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LEGEND: Site Boundary

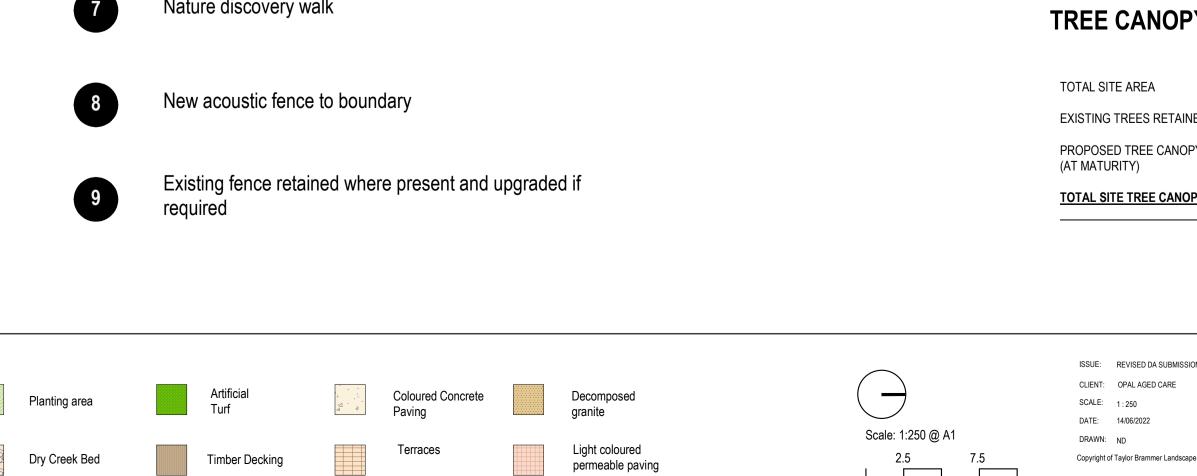
details

Existing tree retained Refer arborist report for





New Shrub



=10,570m2
= 975m2
=660m2

LANDSCAPE MASTER PLAN

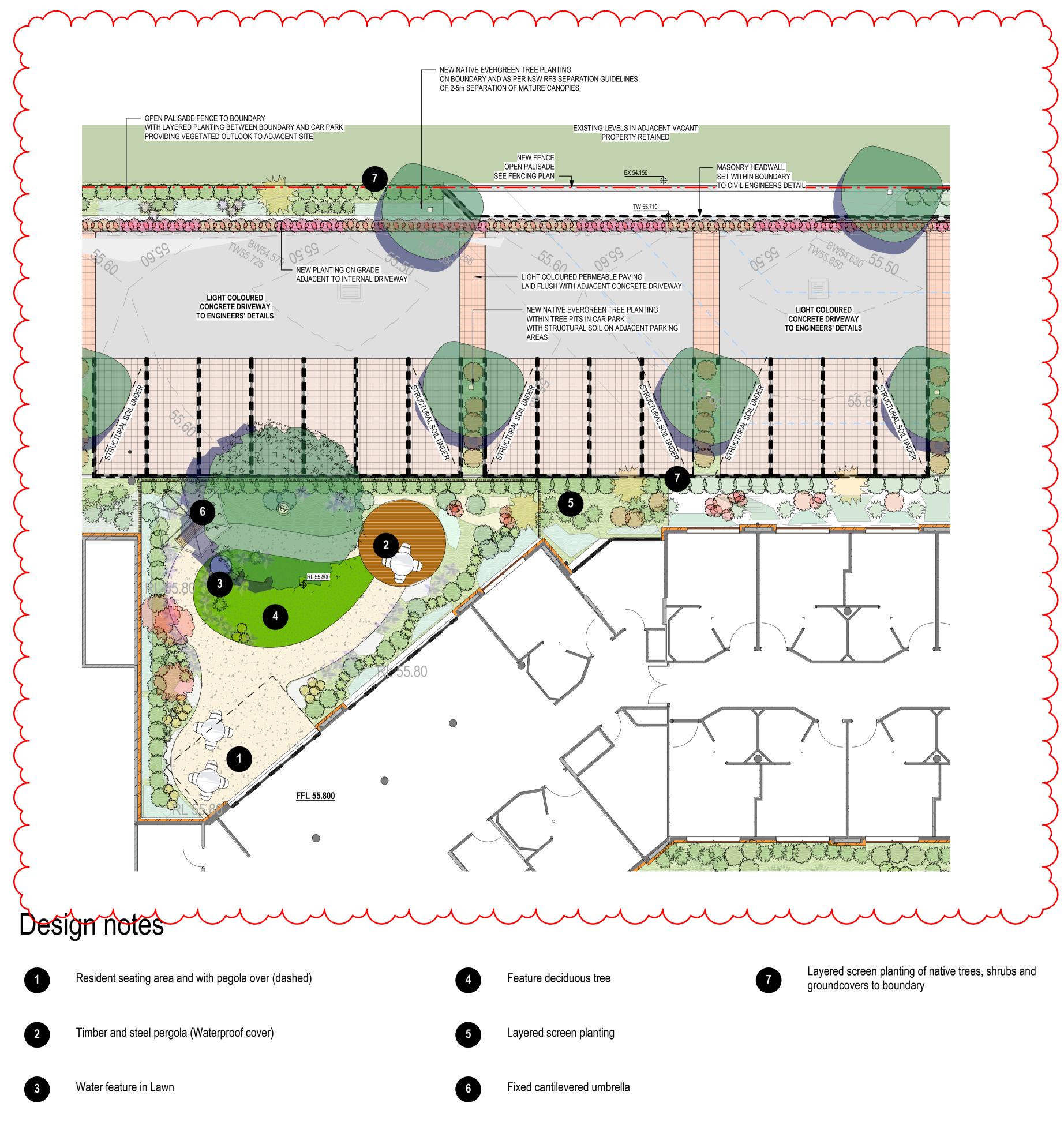
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10m



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LEGEND:

Site Boundary

details

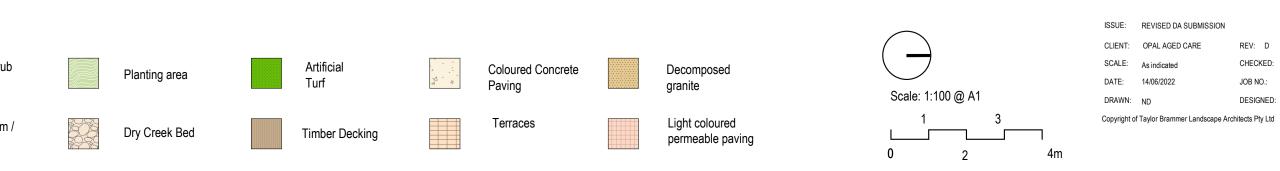
Existing tree retained

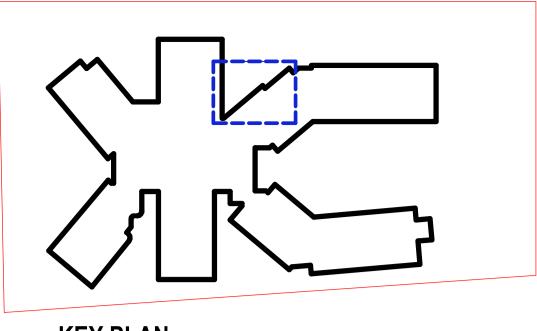
Refer arborist report for

Proposed Evergreen Trees

Proposed FeatureTree

New Palm / Fern





KEY PLAN

MELALEUCA COURTYARD

CHECKED: JOB NO .: 20-027 DESIGNED:

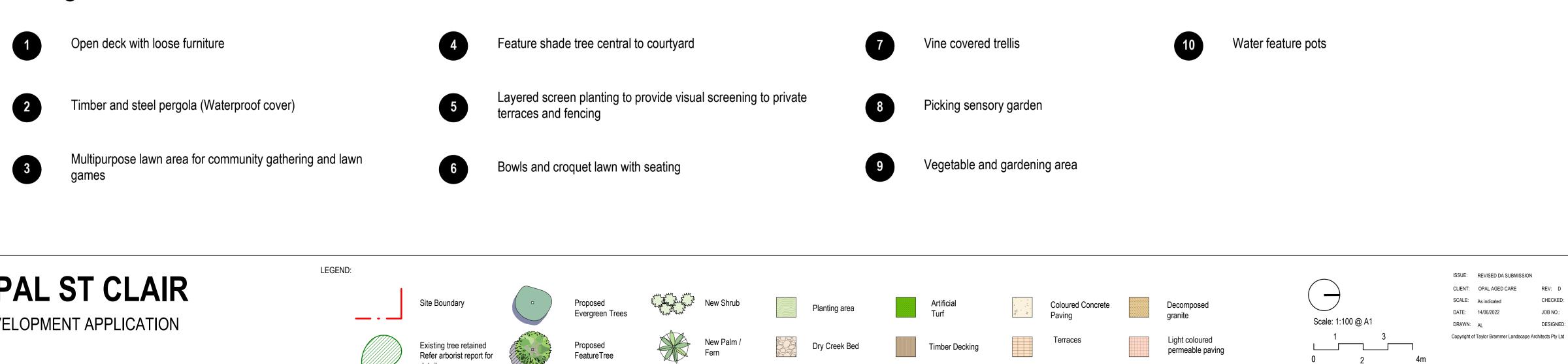




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Design notes

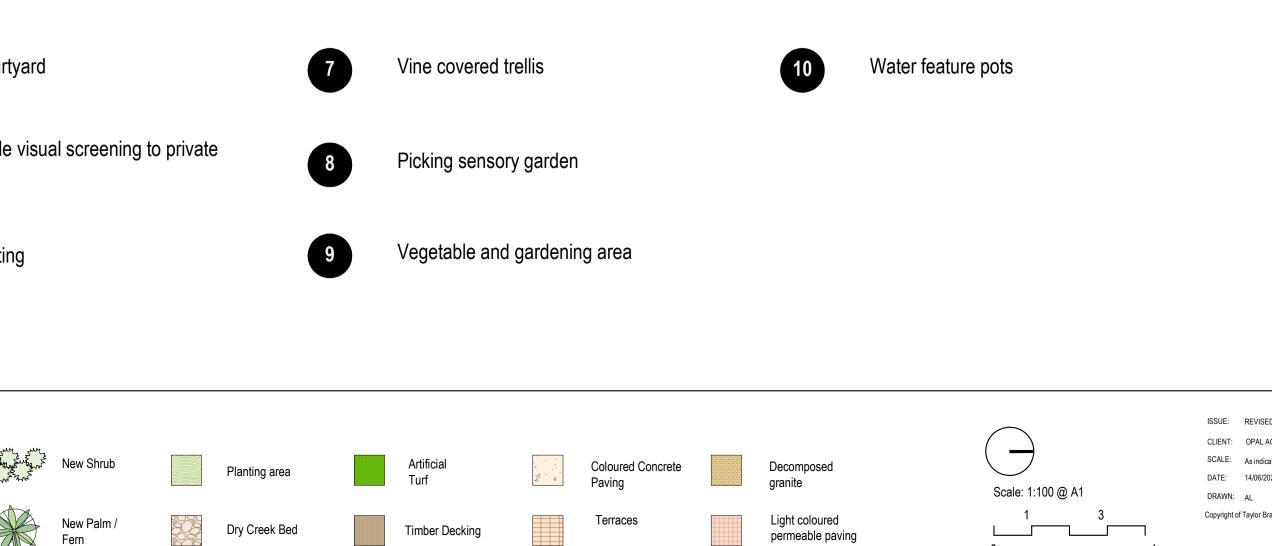


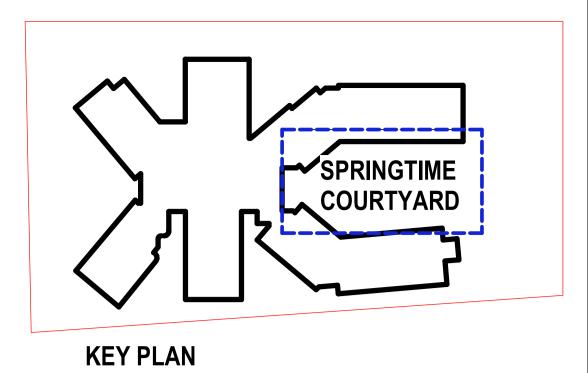
OPAL ST CLAIR DEVELOPMENT APPLICATION

details









SPRINGTIME COURTYARD

REV:

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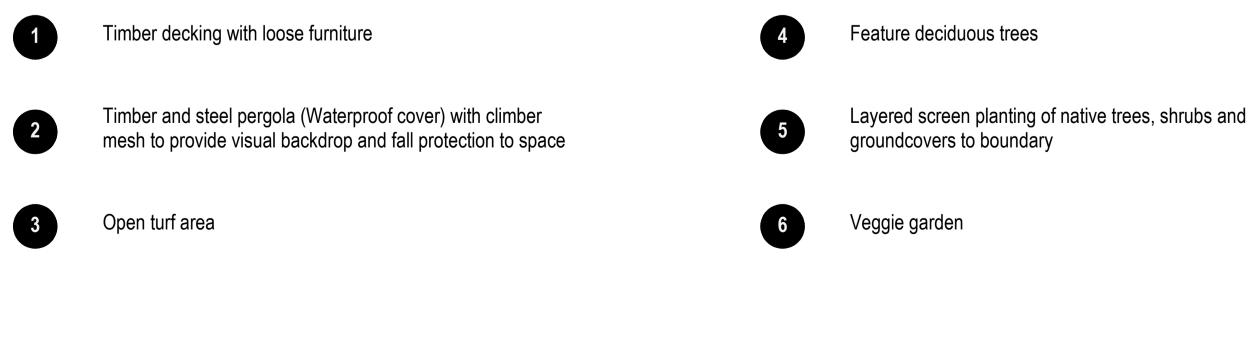
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Design notes

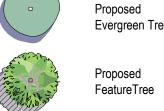


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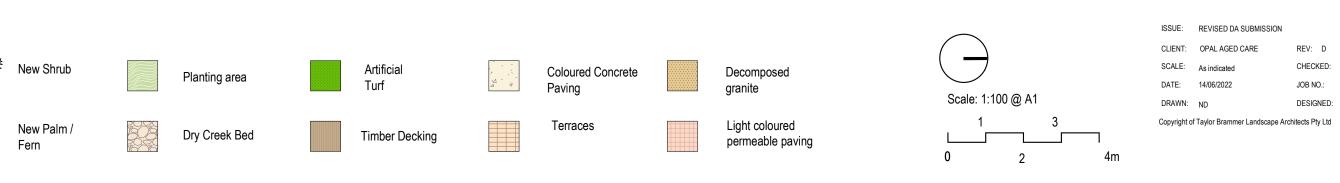
Existing tree retained Refer arborist report for details

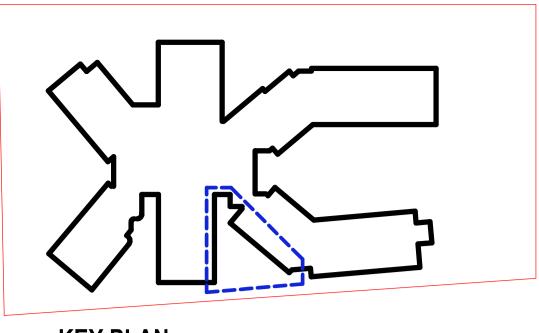
Site Boundary



Proposed Evergreen Trees

With Shrub





KEY PLAN

GUMNUT GARDEN

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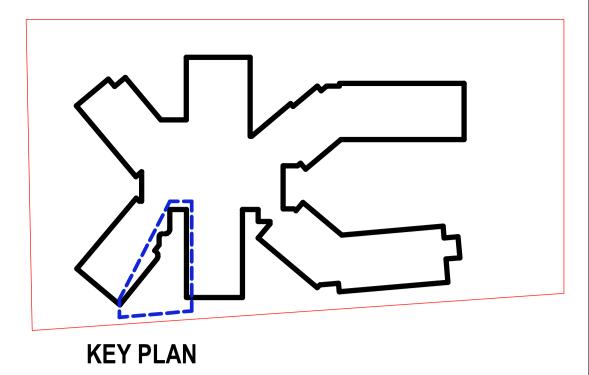
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4m

0 2



PAPERBARK COURTYARD

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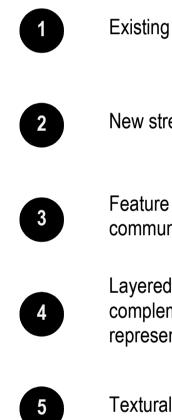


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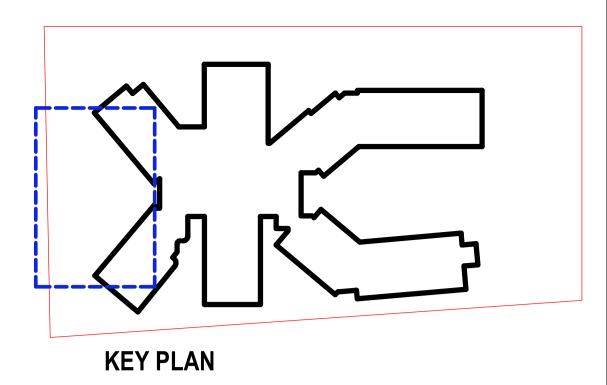


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Existing tree retained

New street trees to Council requirements

Feature tree with textured planting for Christmas and other community functions

Layered residential scaled front garden area with species complementing existing area to provide character representative to the area

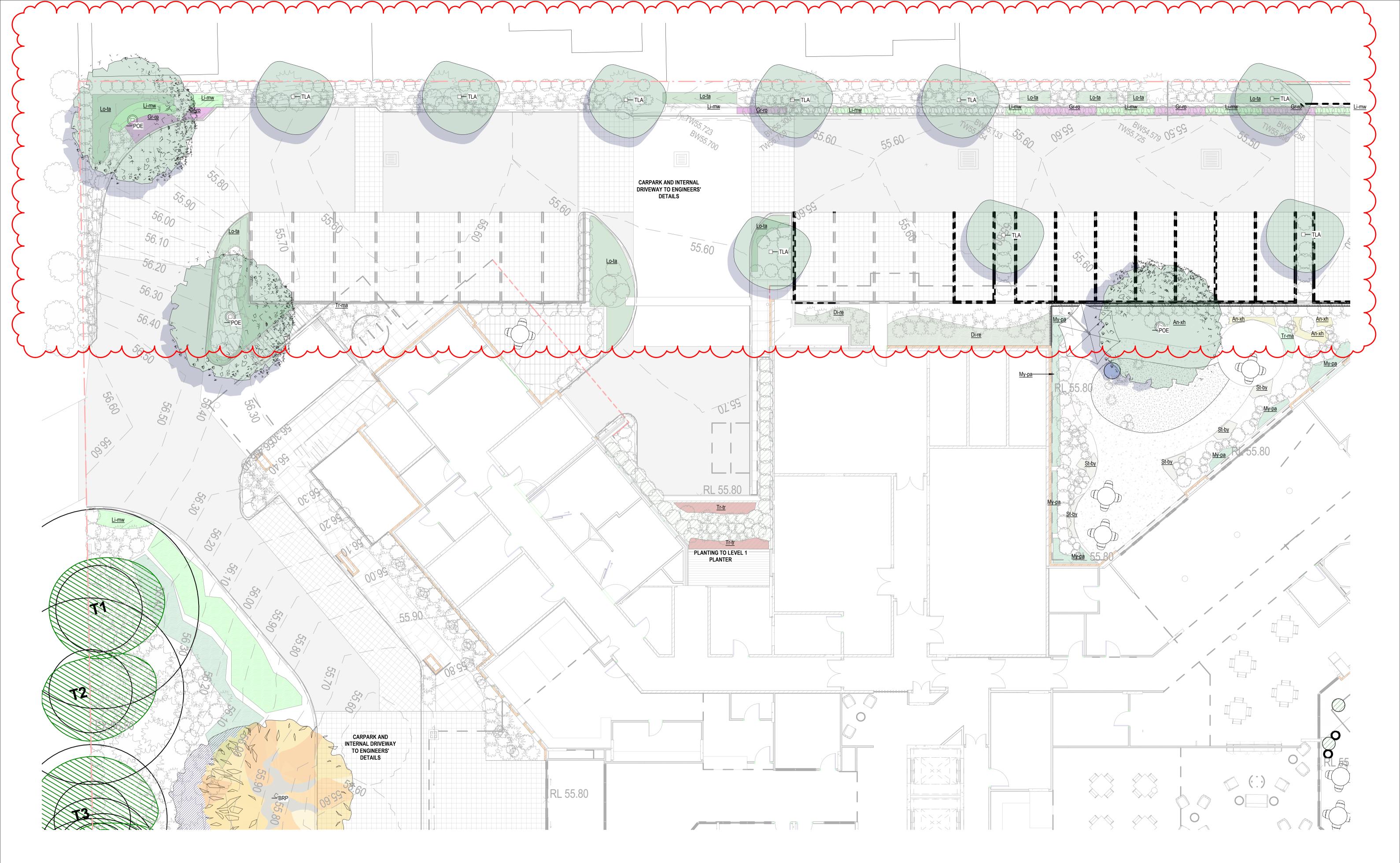
Textural planting to front entry

ENTRY GARDEN



LA105 D ABN 61 098 724 988

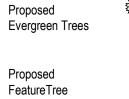
TAYLOR BRAMMER LANDSCAPE ARCHITECTS PTY LTD SYDNEY STUDIO 218 OXFORD STREET WOOLLAHRA NSW 2025





LEGEND:







Fern

Existing tree retained Refer arborist report for details

0

2

Artificial Turf

Mass planting area

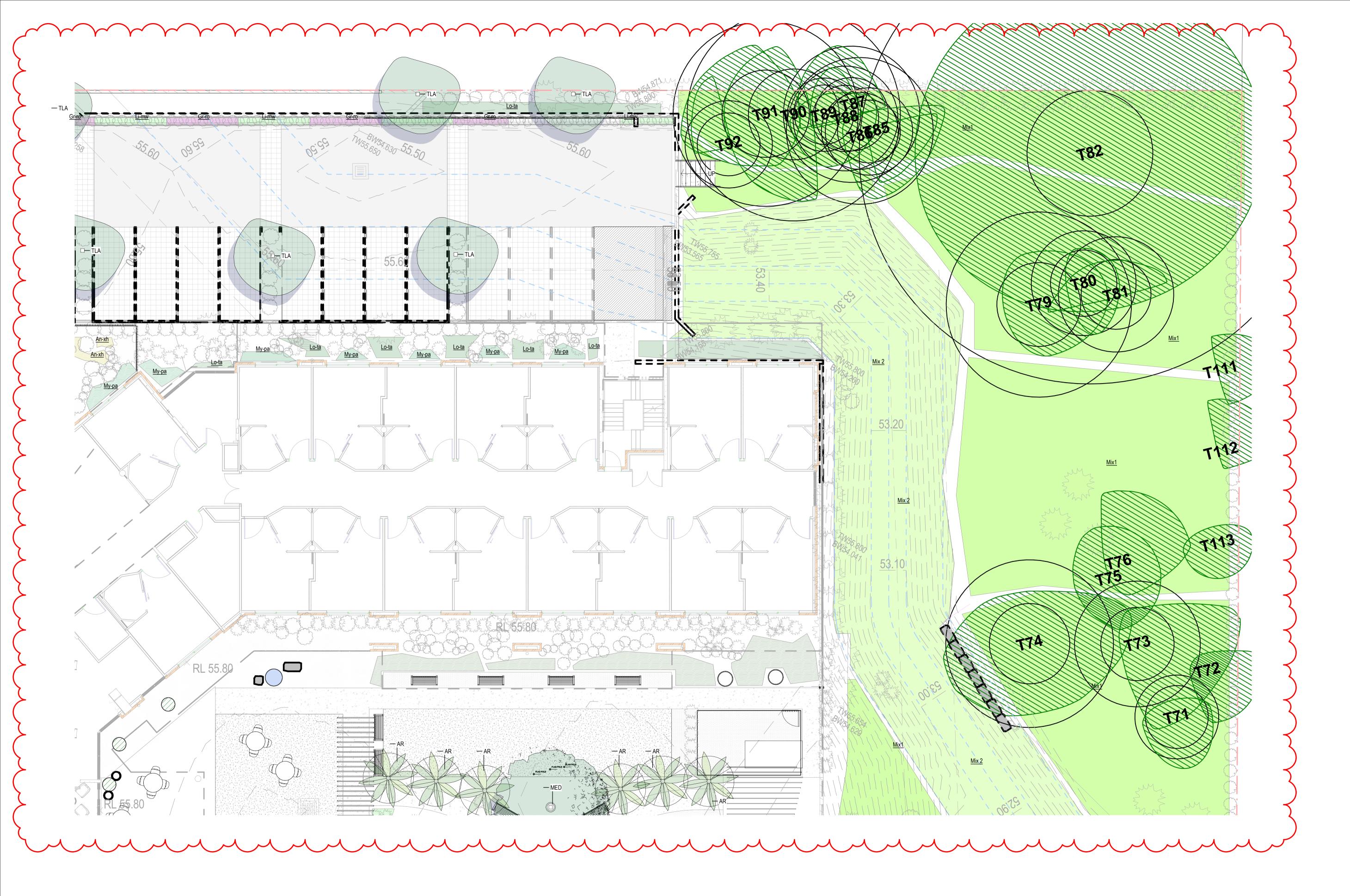
PLANTING PLAN 1

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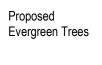


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LEGEND:





Proposed FeatureTree





Existing tree retained Refer arborist report for details

		- r

REFER TO LA500 FOR PLANT SCHEDULE

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1	3

2

4m

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Artificial Turf

Mass planting area

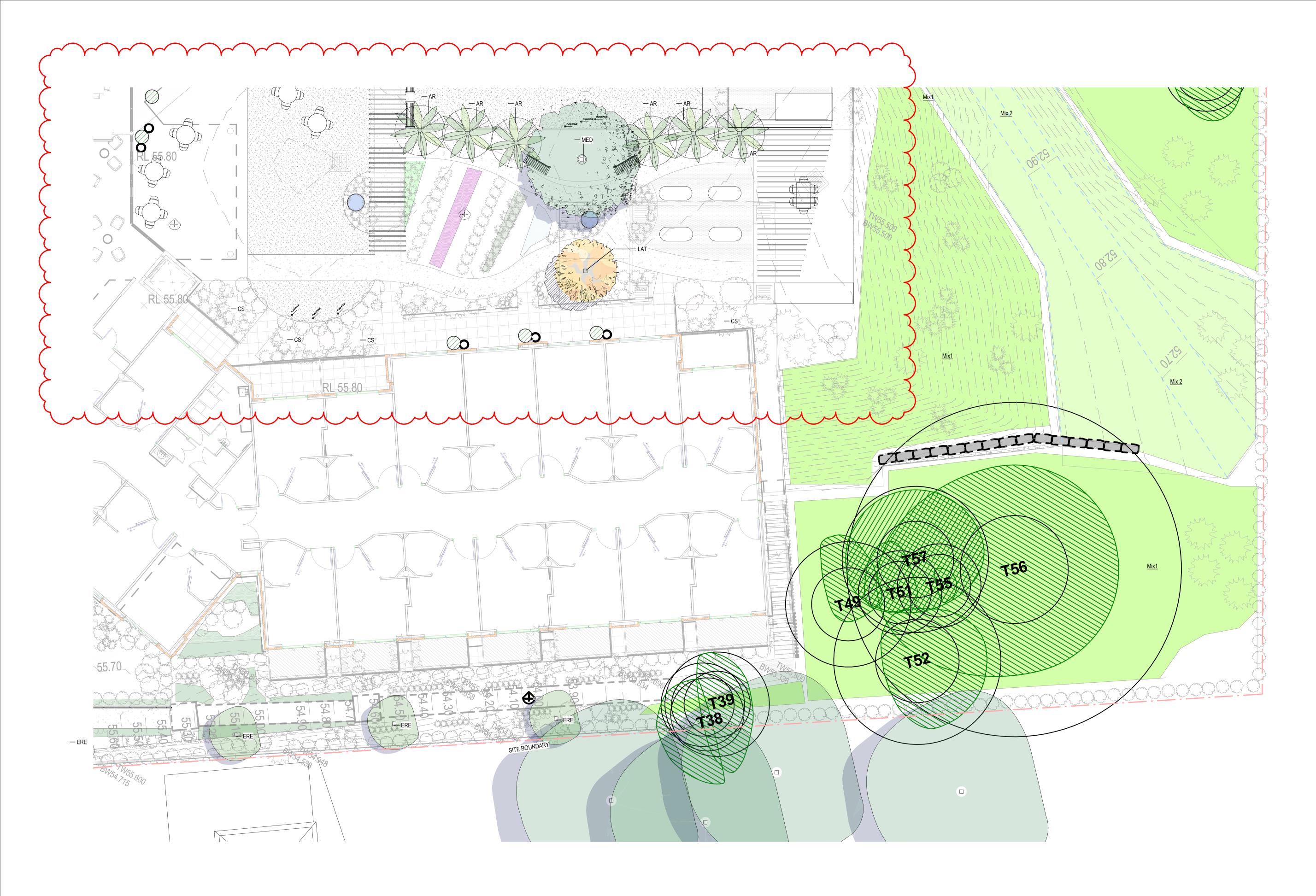
PLANTING PLAN 2

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DESIGNED:

LA202 ABN 61

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LEGEND:







Existing tree retained Refer arborist report for details



Proposed FeatureTree

New Palm / Fern

Mass planting area	

REFER TO LA500 FOR PLANT SCHEDULE

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4m

Artificial Turf

PLANTING PLAN 3

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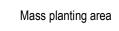
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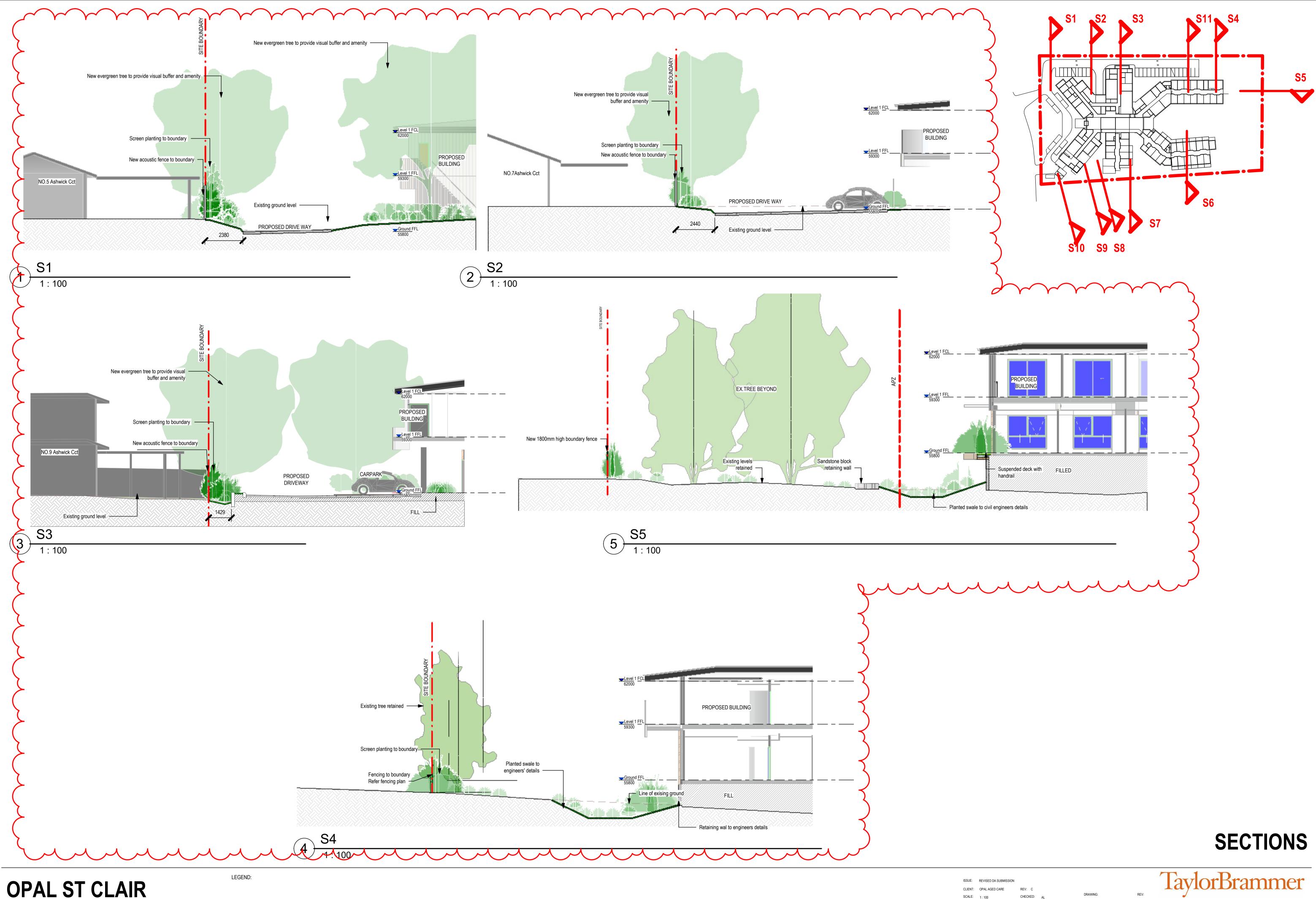






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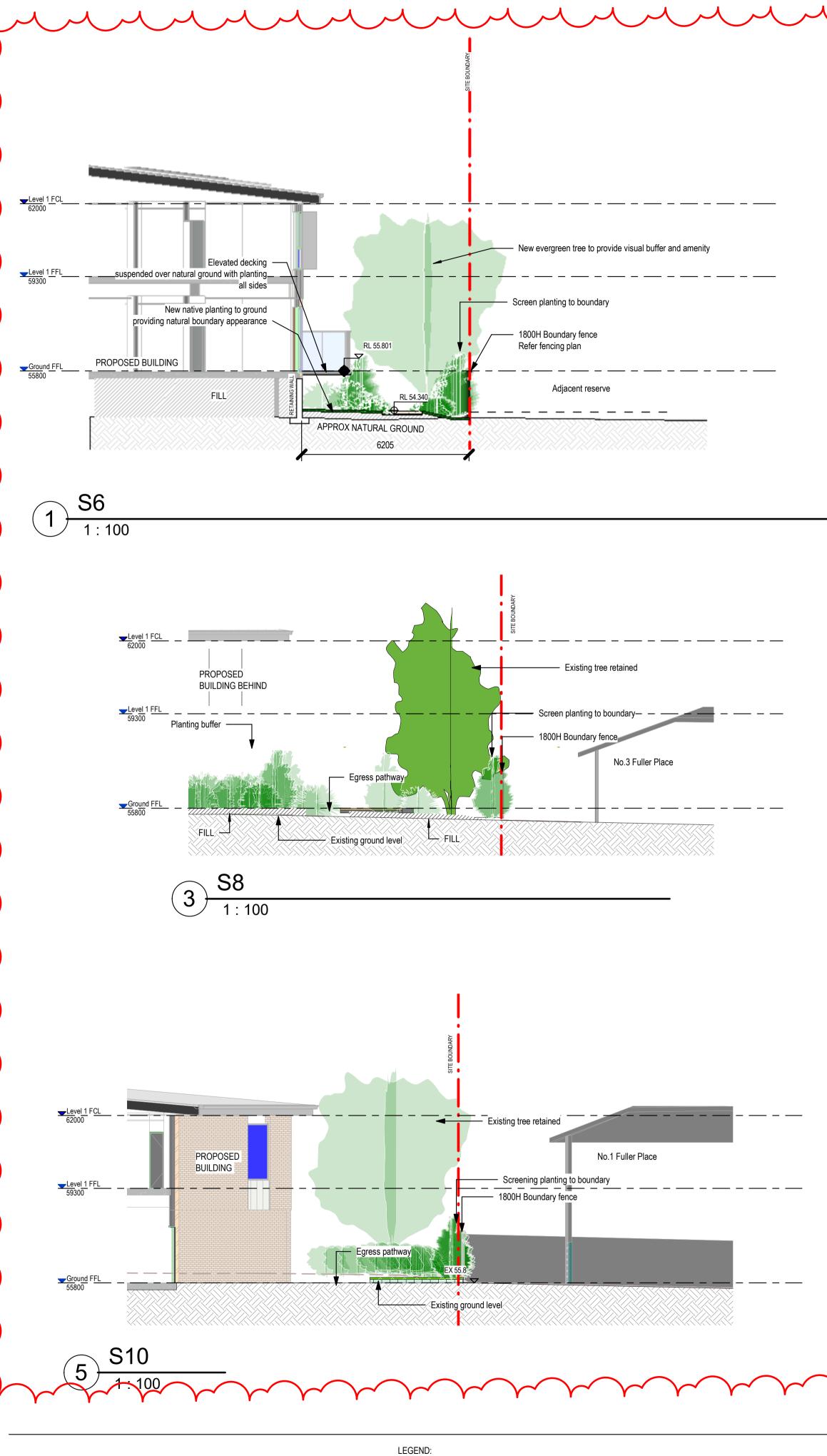
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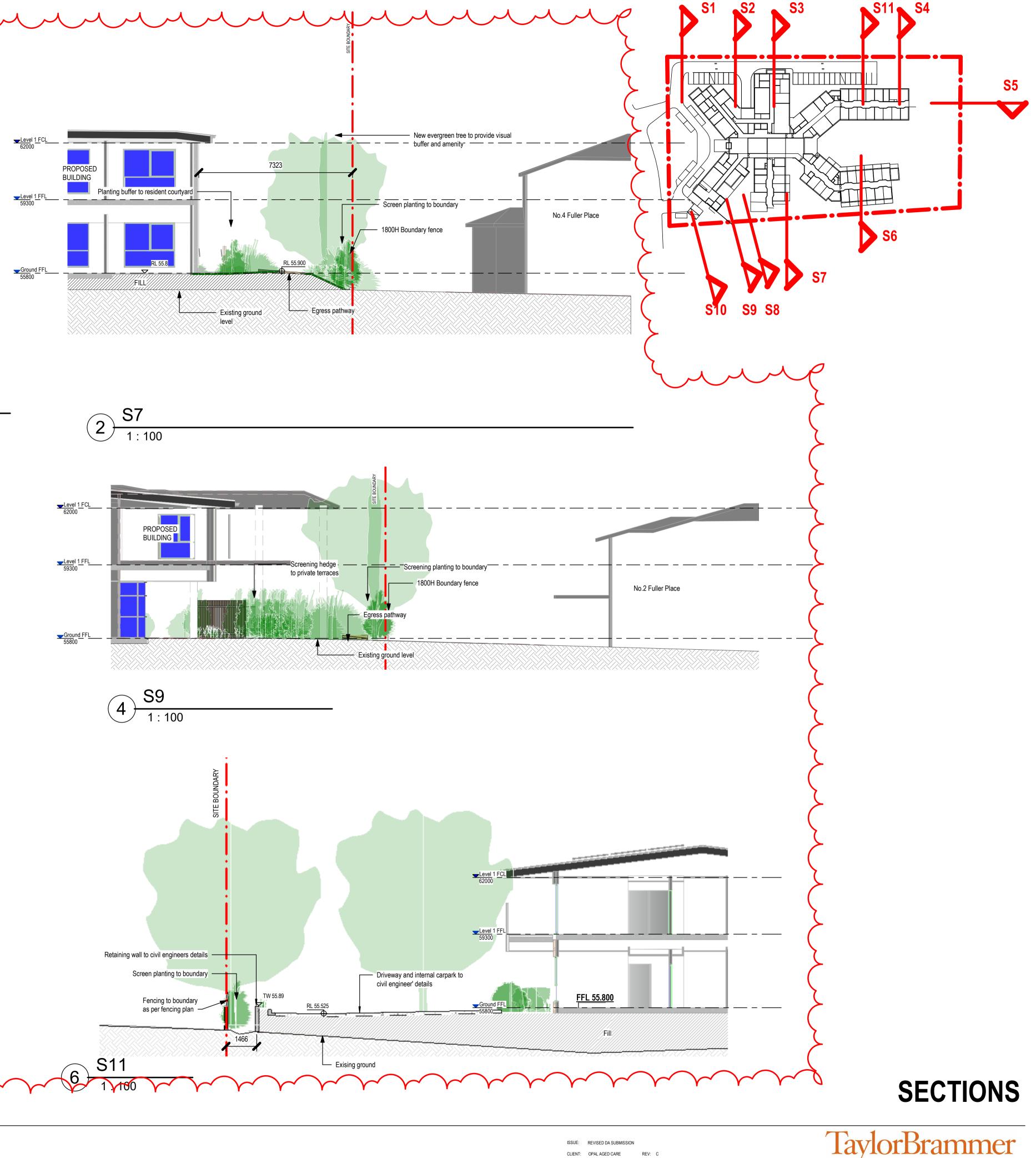
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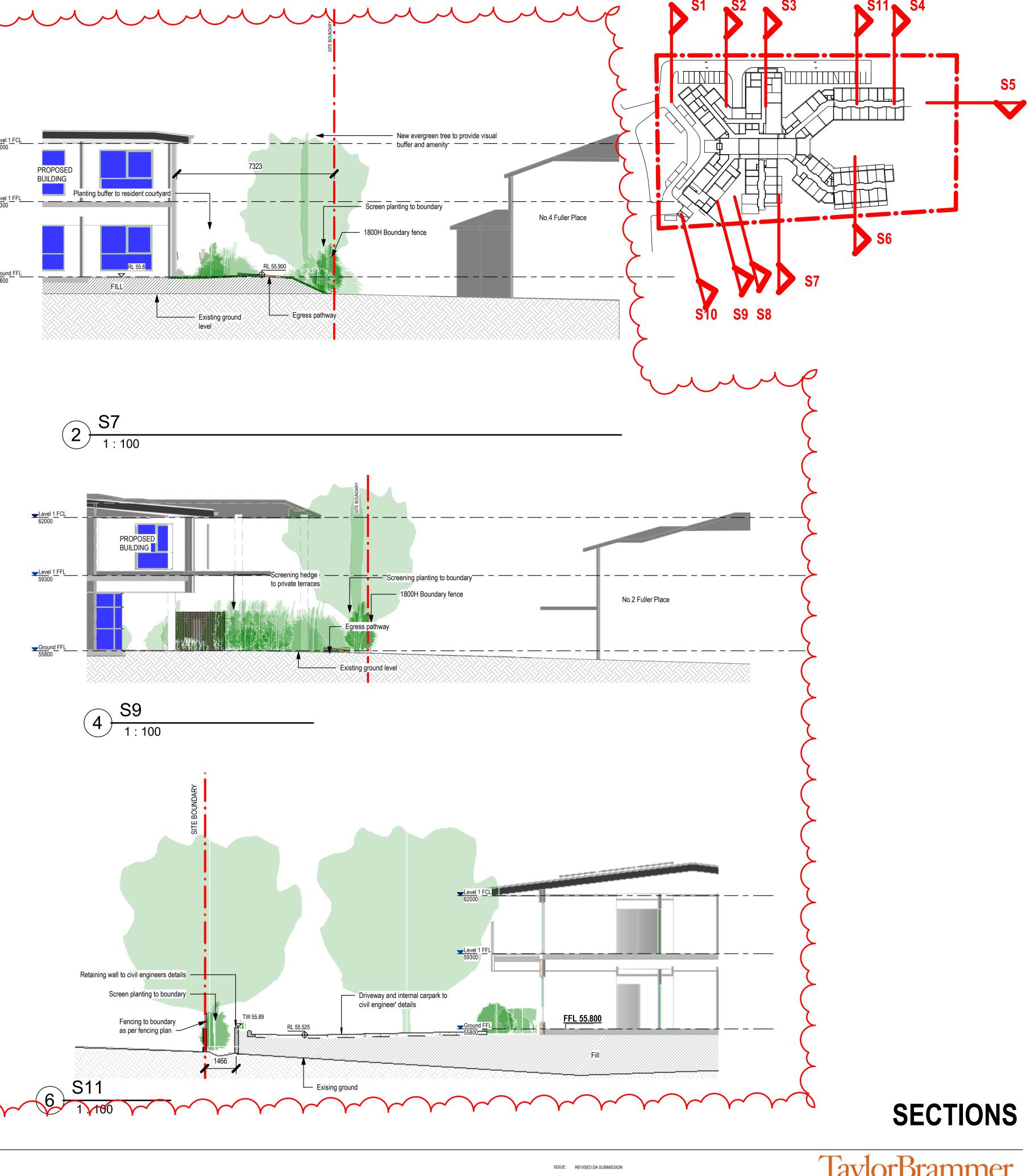
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Site Boundary

details

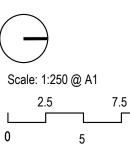
Existing tree retained Refer arborist report for Existing trees proposed to be removed

TPZ (Tree protection zone)

Existing dead/ weed recommended for removal by arborist

Note: Survey drawing by Geometra Consulting Survey Date 03.06.2020

Tree Assessment and Arborists Report TreelQ Project No: OPAL/STCLAIR/20 Report No: OPAL/STCLAIR/AIA/A



CLIENT: SCALE: 1 · 250 DRAWN: ND

10m

REVISION C ADDITIONAL EXISTING TREES RETAINED INCLUDING T72, T75, T76, T111, T112, T113

TREE RETENTION AND REMOVAL PLAN

218 OXFORD STREET WOOLLAHRA NSW 2025

REV:

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Plant ID	Botanical Name	Common Name	Mature Height (mm)	Spread (mm)	Pot Size	Qty
New Trees						
BRP	Brachychiton populneus	Kurrajong	12000	10000	100L	1
	Citrus reticulata 'Imperial Mandarin'	Mandarin Imperial	3000	2000	100L	3
ERE	Elaeocarpus reticulatus	Blueberry Ash	8000	3500	100L	8
_AT	Lagerstroemia indica 'Townhouse'	Townhouse Crepe Myrtle	6000	4000	100L	1
MED	Melaleuca decora	Paperbark	10000	7000	<varies></varies>	2
NA	Elaeocarpus reticulatus	Blueberry Ash	8000	<varies></varies>	100L	19
POE	Podocarpus elatus	Plum Pine	12000	8000	200L	3
TLA	Tristaniopsis laurina	Water Gum	10000	5000	<varies></varies>	20
			10000		Valloo	20
New Shrubs			1			1
4A	Asplenium australasicum	Bird's nest fern	600	800	300mm	33
۹H	Acmena 'Hedgemaster'	Lilly Pilly	1500	600	45L	83
4L	Acacia 'Limelight'	River Wattle	1500	1000	45L	15
AM	Acmena smithii 'Moonlight Flame'	Lilly Pilly	1875	944	45L	122
CA	Correa alba	White Correa	1000	900	45L	28
CC	Cotinus coggygria	Velvet Cloak Smokebush	2000	2000	45L	11
CCG	Cotinus coggygria 'Grace'	Grace Smokebush	2000	2000	45L	3
CF	Cordyline fruticosa	Tiplant	800	600	45L	306
CG	Callistemon 'Great Balls of Fire'	Bottlebrush	1500	1000	45L	82
CS	Cotinus coggygria 'Golden Spirit'	Smokebush	2000	2000	<varies></varies>	31
CY	Cyathea cooperi	Australian Tree Fern	2250	1500	75L	48
DE	Doryanthes excelsa	Gymea Lilly	1500	<varies></varies>	45L	100
DO NOT SHOW	Gardenia Aimee Yoshiba	Fragrant Gardenia	2500	2000	300mm	14
ES	Dreameria Sweet Dream	Sea Pinks	360	360	300mm	32
EU	Euphorbia 'Silver Swan'	Wolly Bush	750	750	300mm	6
GA	Gardenia Aimee Yoshiba	Fragrant Gardenia	1500	1000	300mm	255
GM	Grevillea Moonlight	Moonlight Grevillea	3000	2000	<varies></varies>	97
-1	Helichrysum italicum	Curry Plant	500	500	300mm	12
HQ	Hydrangea quercifolia	Oak Leaf Hydrangea	1800	1000	300mm	11
HW	Hibiscus syriacus 'White Pillar'	White Pillar Rose of Sharon	2000	700	45L	39
ΗY	Hydrangea paniculata 'Limelight'	Hydrangea 'Limelight'	2000	1000	45L	37
LD	Lavandula dentata	Lavender	1000	1000	300mm	91
_J	Leucodendron 'Jester'	Pincushion	800	500	300mm	19
LR	Loropetalum chinense 'plum delight'	Chinese Fringer Flower	700	700	300mm	151
NA	Nandina dosmestica 'Gulf stream'	Japanese Sacred Bamboo	750	750	300mm	8
NL	Nadina 'Lemlim'	Nandina Magical lemon lime	900	700	300mm	31
рТ	Phormium tenax	NZ flax	900	900	300mm	20
PX	Philodendron Xanadu	Xanadu	1000	1000	<varies></varies>	156
70	Rosmarinus officinalis 'Tuscan Blue'	Rosemary	600	800	300mm	5
SB	Escallonia Pink Pixie	Escallonia Pink Pixie	800	800	300mm	28
SG	Strobilanthes gossypinus	Goldfussia	900	900	300mm	53
SP	Santolina 'Primrose Gem'	Lavender cotton	600	500	200mm	12
SR	Strelizia regina	Bird paradise	1500	1200	45L	65
SY	Syzygium 'Backyard Bliss'	Lilly Pilly	3000	800	<varies></varies>	462
٧J	Viburnum japonicum	Japanese viburnum	1500	900	45L	153
ŴŇ	Westringia hybrid 'Naringa'	Coastal Rosemary	1000	500	300mm	96
NW	Westringia 'Wynyabbie Gem'	Coastal Rosemary	1000	1000	<varies></varies>	36

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Planting Schedule - Groundcover Areas										
Plant ID	Botanical Name	Common Name	Mature Height (mm)	Pot Size	Spacing (mm)	Spread (mm)	Qty			
							_			
Al-fi	Alternanthera ficoidea 'Tricolor'	Tricolour	300	150mm	400	400	15			
An-xh	Anemone x hybrida	White japanese Windflower	450	150mm	400	300	82			
Di-re	Dichondra repens	Kidney Weed	300	150mm	300	600	817			
Di-st	Dianella 'Silver Streak'	Variegated blue flax lily	500	150mm	200	500	0			
Gr-ro	Grevillea 'Poorinda Royal Mantle'	Prostrate Grevillea	300	150mm	500	1000	79			
Li-mw	Liriope Monroe's White	Lily Turf	300	200mm	300	300	1199			
Lo-ta	Lomandra Tanika	Mat Rush	400	150mm	410	400	753			
Mix1				tubestock	800		1930			
Mix 2-Swale				tubestock	800		723			
Му-ра	Myoporum parvifolium	Pink coarse leaf	300	200mm	500	1000	185			
Op-ja	Ophiopogon japonicus	Mondo Grass	200	150mm	400	200	6			
Sc-ma	Scaevola aemula 'Mauve Clusters'	Fan Flower	500	150mm	400	700	0			
St-by	Stachys byzantina	Lamb's ears	200	200mm	410	300	35			
Tr-ma	Tropaeolum majus	Garden Nasturtium	200	200mm	200	200	119			
Tr-sp	Tradescantia spathacea	Moses in the cradle plant	400	150mm	300	300	0			
Tr-tr	Trachelospermum Tricolour	Tricolour Jasmine	500	200mm	500	2000	30			

Plant Schedule - Mixes													
ID	Spacin g	Pot Size	MixType1	%	Qty1	MixType2	Percentage2	Qty2	MixType3	Percentage3	Qty3	Total	Comments
Mix1	800	tubestock	Lomandra Tanika	40	772	Hibbertia saligna	20	388	Dianella longifolia	40	772	1921	Mixes
Mix 2-Swale	800	tubestock	Isolepis nodosa	50	362	Katie Belles™ Lomandra hystrix 'LHBYF' PBR	25	181	Lucky Stripe™ Lomandra hystrix 'LMV200' PBR	25	181	723	Mixes

OPAL ST CLAIR DEVELOPMENT APPLICATION

LEGEND:

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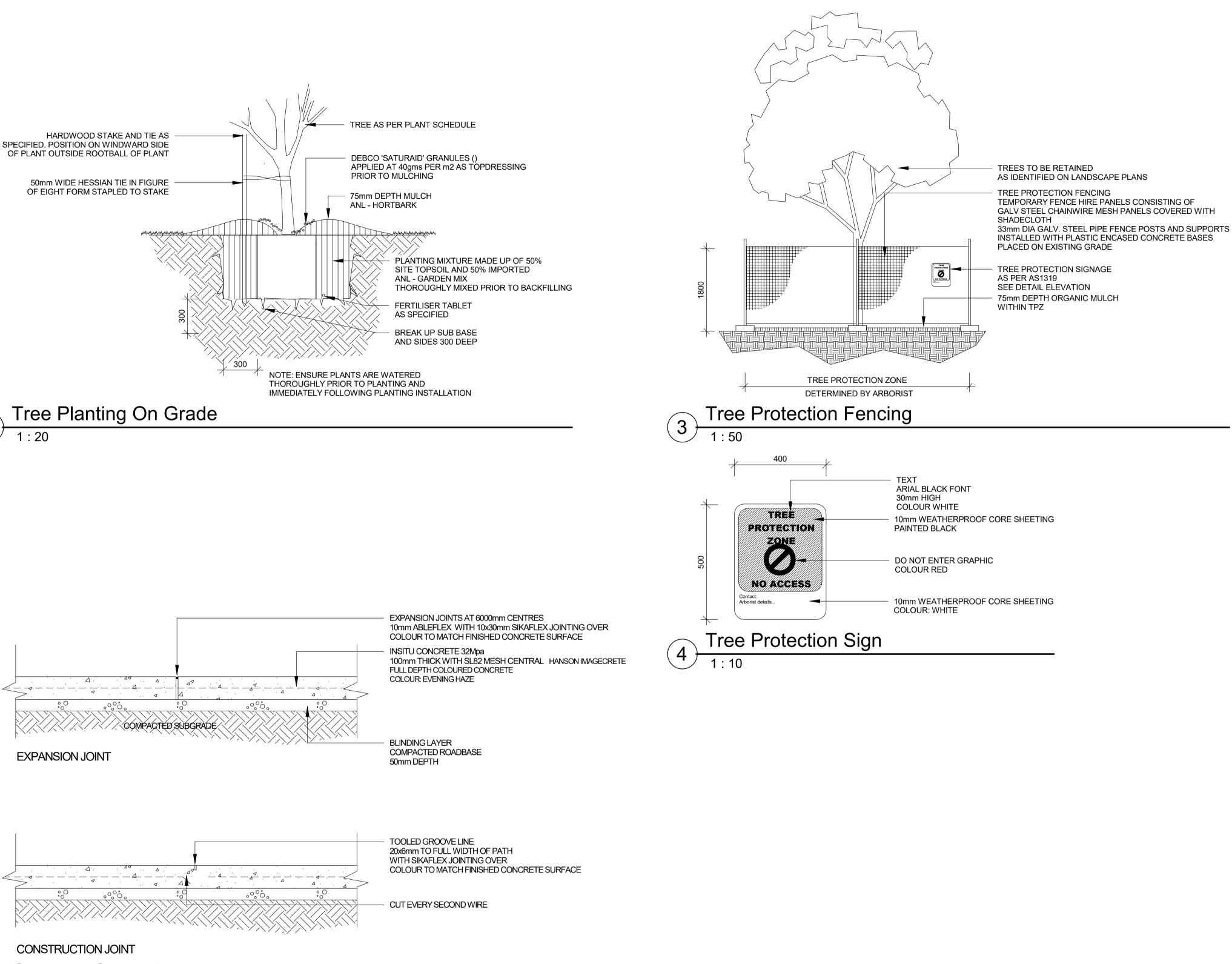
PLANT SCHEDULE

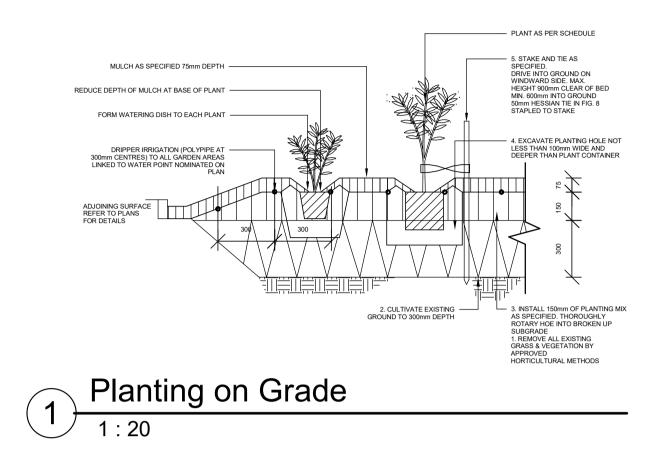
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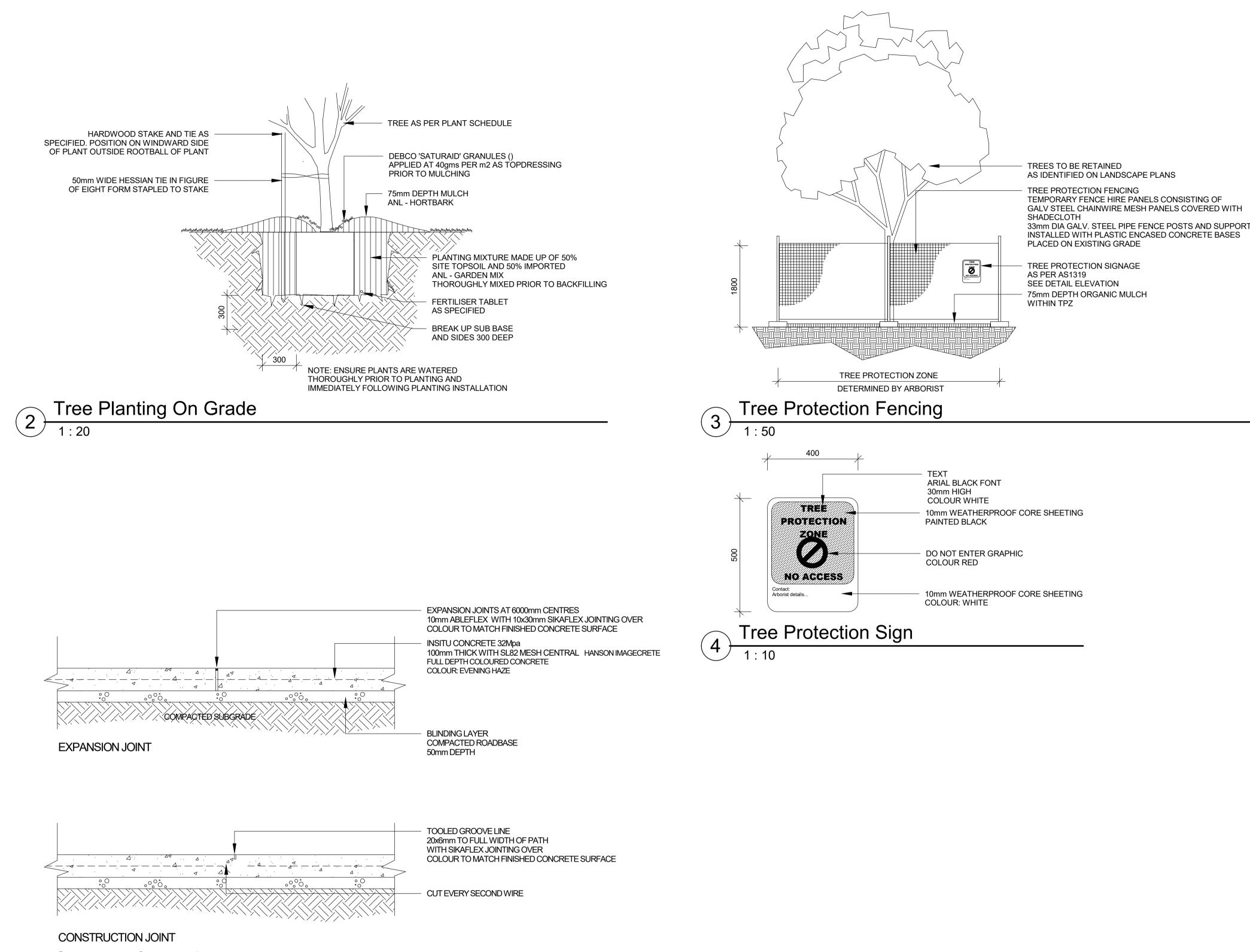
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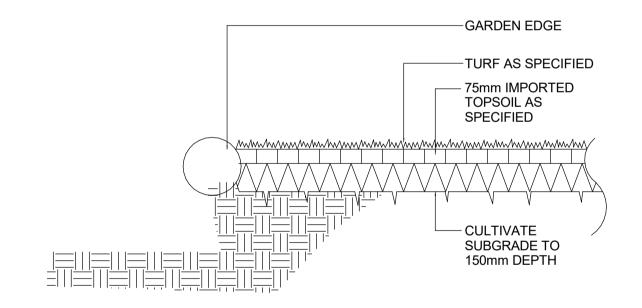




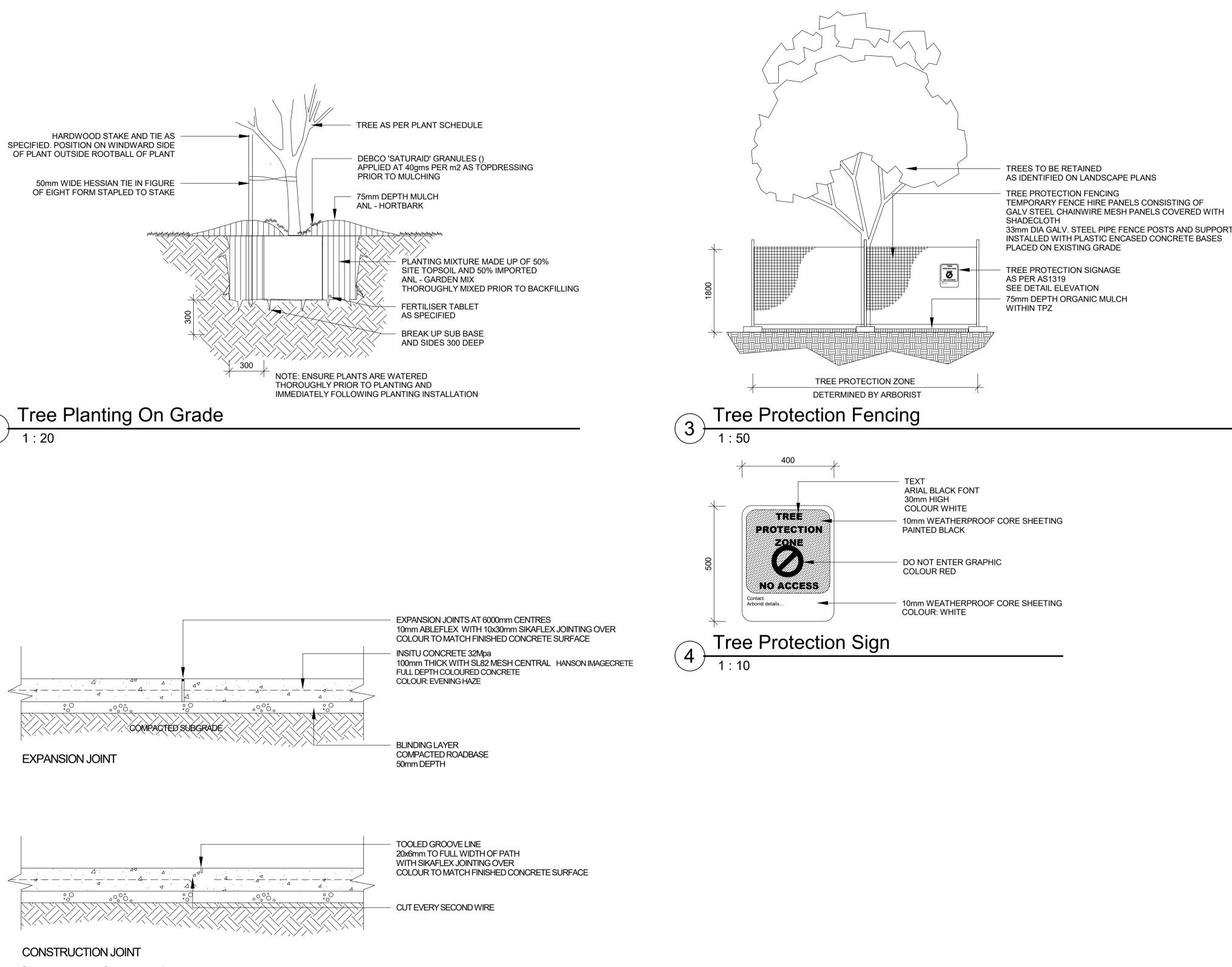


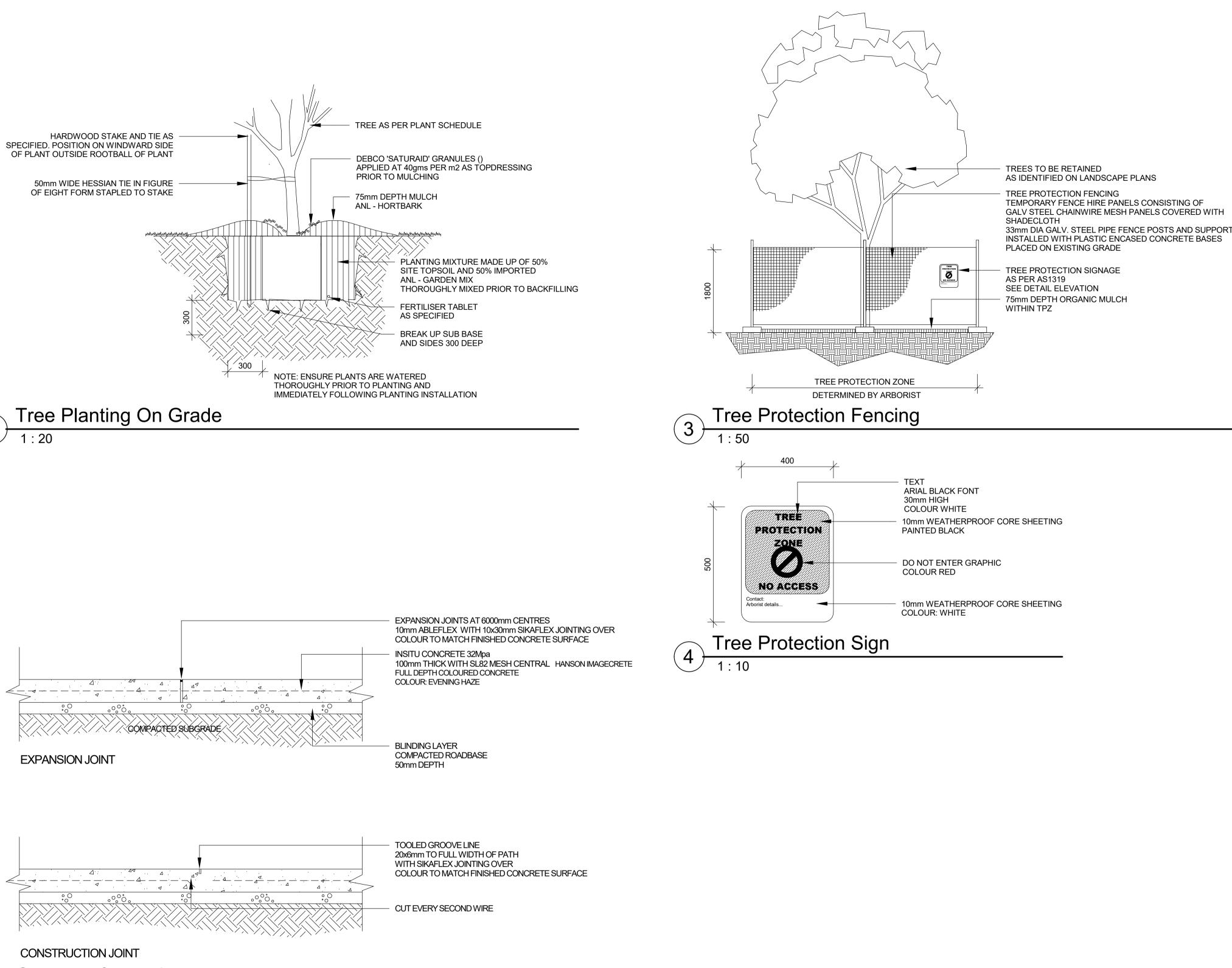












Concrete footpath 6 1:10

LEGEND:

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LANDSCAPE DETAILS



EXISTING FENCE RETAINED AND MADE GOOD AS NECESSARY (ASSUME 1800mm HIGH)

OPAL ST CLAIR DEVELOPMENT APPLICATION

LEGEND:

Site Boundary



Existing tree retained Refer arborist report for OPEN METAL PALISADE FENCE 1800mm HIGH

TIMBER ACOUSTIC FENCE 2200mm HIGH AS PER ACOUSTIC ENG. REPORT

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TIMBER LAP AND CAP FENCE 1800mm HIGH

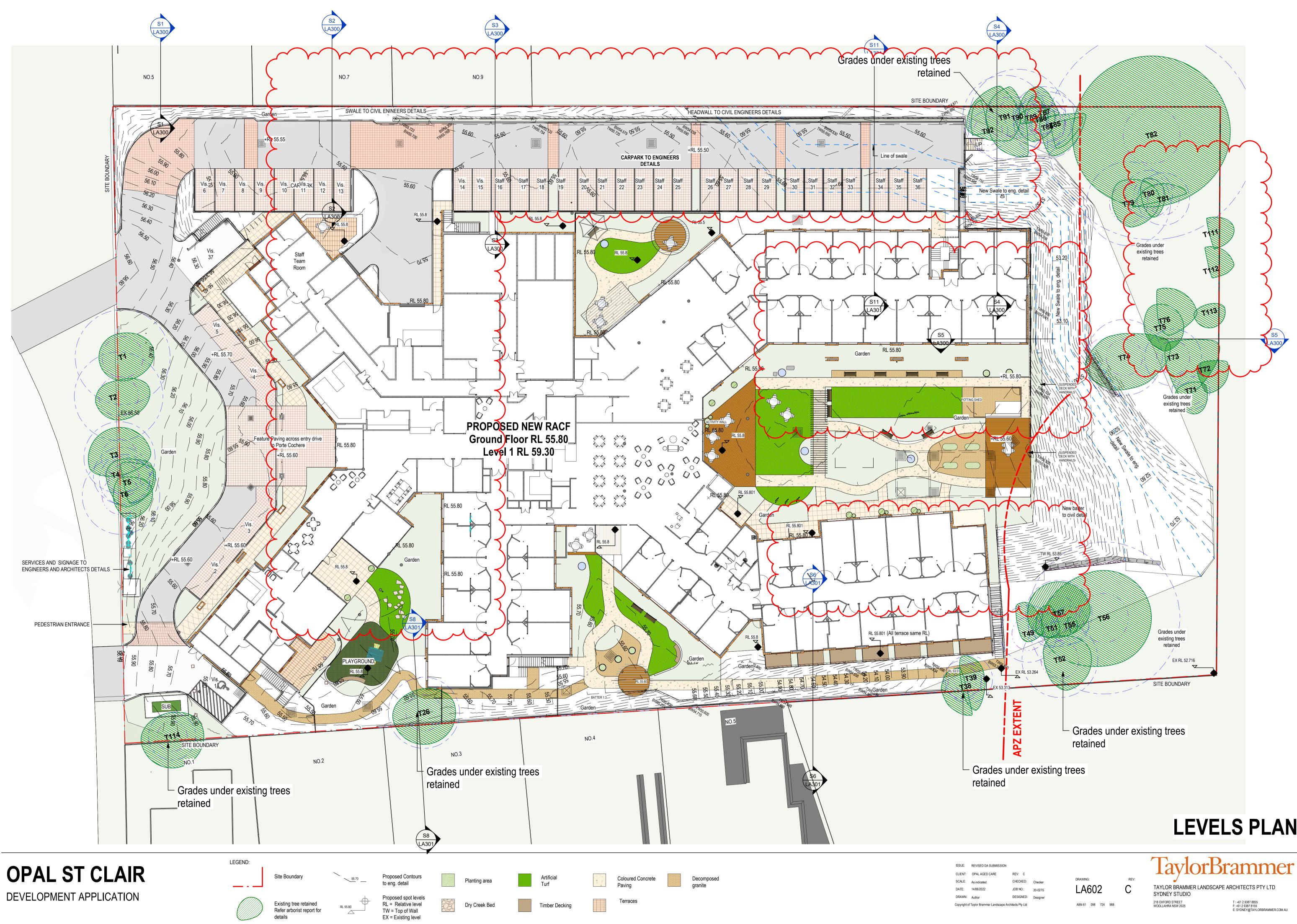
FENCING PLAN



DESIGNED



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LEVELS PLAN