2 Fishburn Crescent

Castle Hill, NSW

DRAWING SCHEDULE

DRAWING NO.	DRAWING TITLE
000	COVER SHEET
101	LANDSCAPE MASTERPLAN
400	PLANTING SCHEDULE
401	SOFTWORKS LOWER GROUND + GROUND + UPPER GROUND FLOOR
402	SOFTWORKS LEVEL 7 - BUILDING B
403	SOFTWORKS LEVEL 10 - BUILDING C
404	SOFTWORKS LEVEL 13 - BUILDING B
405	SOFTWORKS LEVEL 14 - BUILDING A
406	SOFTWORKS LEVEL 16 - BUILDING B
407	SOFTWORKS LEVEL 18 - BUILDING A
408	SOFTWORKS ELEVATION PLANTER
601	LANDSCAPE DETAILS
700	LANDSCAPE SPECIFICATION NOTES

KEY PLAN

SCALE: NTS



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Issue	Revision Description	Drawn	Check	Date
D	DA	JR/LL	HC/MB	12.09.25
C	DA	JR/LL	HC/MB	01.09.25
B	DA	JR/LL	HC/MB	29.07.25
A	DA - FOR INFORMATION	JR	AB/MB	30.04.25

Not for Construction

Project

2 Fishburn Crescent

Castle Hill

Development Application

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ARADA

Drawing No.	Drawing Name
L-000	COVER SHEET

Job No.	24-1020
Issue	D
Scale	

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SOFTWORKS

- EXISTING TREES TO BE REMOVED
- EXISTING TREES TO BE RETAINED
- PROPOSED TREE PLANTING
- PROPOSED SHRUB AND ACCENT PLANTING

HARDWORKS

- PROPOSED POOL AREA
- PROPOSED TIMBER DECKING
- PROPOSED WALL
- PROPOSED FENCE

Issue	Revision Description	Drawn	Check	Date
D	DA	JR/LL	HC/MB	12.09.25
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A	DA - FOR INFORMATION	JR	AB/MB	30.04.25

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Project

2 Fishburn Crescent

Castle Hill

Development Application

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ARADA

Drawing No.	Drawing Name
L-101	MASTERPLAN

Job No.	24-1020
Issue	D
Scale	1:200 @ A0

0 1 2 4 6 10m

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24.1020 - CARRINGTON RD - DA PLANTING SCHEDULE - MASTER

CODE	BOTANIC NAME	COMMON NAME	MATURE SIZE (h x w) (m)	PROPOSED POT SIZE	SPACING	QTY							
	TREES & PALMS					Ground Floor	level 7	level 10	Level 13	Level 14	Level 16	level 18	total
Af	*Angophora floribunda*	Rough Barked Apple	20m x 10m	400L	AS SHOWN	6	0	0	0	0	0	0	6
Bc	*Backhousia citriodora*	Lemon Myrtle	8m x 6m	200L	AS SHOWN	30	0	0	0	0	0	0	30
Bs	*Banksia serrata*	Old Man Banksia	15m x 4m	200L	AS SHOWN	24	3	9	2	0	0	4	42
Cs	*Callistemon virminalis*	Willow Bottlebrush	7m x 4m	200L	AS SHOWN	15	3	2	0	0	0	1	21
Er	*Elaeocarpus reticulatus*	Blueberry Ash	7m x 3m	200L	AS SHOWN	15	0	0	0	2	0	3	20
Es	*Eucalyptus salgina*	Sydney Bluegum	30m x 10m	200L	AS SHOWN	5	0	0	0	0	0	0	5
La	*Livistona australis*	Cabbage Tree Palm	15 x 5	EX.GROUND (4M TRUNK)	AS SHOWN	10	0	0	0	0	0	0	10
Md	*Melaleuca decora*	Feather Honey Myrtle	12m x 5m	200L	AS SHOWN	18	0	0	0	0	0	0	18
Tl	*Tristaniopsis laurina 'Luscious'*	Watergum 'Luscious'	10m x 5m	200L	AS SHOWN	26	1	4	3	2	0	2	38
	SHRUBS & ACCENTS												
Ai	*Alcantarea imperialis*	Imperial Bromeliad	1.5 x 1.5m	400mm	AS SHOWN	31	1	1	1	0	0	0	34
Aa	*Asplenium australasicum*	Birds Nest Fern	1.5m x 1.5m	200mm	AS SHOWN	27	10	10	0	0	0	0	47
Ca	*Crinum asiaticum*	Swamp Lily	3m x 3m	200mm	AS SHOWN	48	12	13	10	21	0	1	105
Cc	*Cyathea cooperi*	Tree Fern	4m x 3m	400mm	AS SHOWN	43	18	9	0	0	0	12	82
Cc	*Cyathea cooperi*	Tree Fern	4m x 3m(Min 1.5m trunk)	45L	AS SHOWN	25	0	0	0	0	0	0	25
Dt	*Dodonaea triquetra*	Hop Bush	2m x 2m	200mm	AS SHOWN	60	6	11	0	19	0	12	108
De	*Doryanthes excelsa*	Gymea Lily	2m x 2m	200mm	AS SHOWN	33	14	6	17	0	0	5	75
Gl	*Grevillea linearifolia*	White spider flower	3m x 2m	200mm	AS SHOWN	175	1	14	29	8	0	15	242
Hs	*Hakea sericea*	Needlebush	3m x 3m	200mm	AS SHOWN	47	8	19	6	7	1	6	94
Lf	*Lambertia formosa*	Mountain Devil	2m x 2m	200mm	AS SHOWN	316	28	48	0	3	4	29	428
Pr	*Philodendron 'Rojo Congo'*	Rojo Congo Philodendron	1.5m x 1.5m	200 mm	AS SHOWN	93	20	27	24	0	5	27	196
Sr	*Streliza reginae*	Bird of Paradise	2m x 1.5m	200mm	AS SHOWN	29	24	24	0	25	0	16	118
Xm	*Xanthorrhoea media*	Grass Tree	min. 1m trunk	400mm	AS SHOWN	15	0	0	0	0	0	0	15
Wf	*Westringia fruticosa*	Coastal Rosemary	1.5m x 1.5m	200mm	AS SHOWN	46	0	0	0	0	0	0	46
	LOW GRASSES MIX MATRIX 1												
Dc	*Dianella caerulea*	Blue Flax Lily	1m x 1m	140mm	6/m²	520	20	19	0	0	0	17	576
Ga	*Gahnia aspera*	Saw Sedge	1m x 1m	140mm	6/m²	520	20	19	0	0	0	17	576
Lt	*Lomandra tanika*	Mat Rush Tankia	0.6m x 0.6m	140mm	6/m²	520	20	19	0	0	0	17	576
Ic	*Imperata cylindrica 'Yalba'*	Yalba Blood Grass	0.3-0.5m x 0.5-1m	140mm	6/m²	520	20	19	0	0	0	17	576
Ss	*Stipa sp.*	Spear Grass	0.5m x 0.5m	140mm	6/m²	520	20	19	0	0	0	17	576
Ta	*Themeda australis*	Kangaroo Grass	0.9m x 0.6m	140mm	6/m²	520	20	19	0	0	0	17	576
	TALL GRASSES MIX MATRIX 2												
Dcr	*Dichelachne crinita*	Longhair Plume Grass	1m x 1.5m	200mm	4/m²	505	22	15	0	0	0	0	542
Pl	*Poa liberia*	Common Tussock Grass	1.2m x 1.5m	200mm	4/m²	505	22	15	0	0	0	0	542
Ll	*Lomandra longifolia*	Mat Rush	2m x 2m	200mm	4/m²	505	22	15	0	0	0	0	542
Pr	*Pennisetum rubrum*	Red Fountain Grass	1.5m x 1.5m	200mm	4/m²	505	22	15	0	0	0	0	542
Pa	*Pennisetum alopecuroides*	Swamp Fountain Grass	1.5m x 1.5m	200mm	4/m²	505	22	15	0	0	0	0	542
Pm	*Phormium 'Maori Chief'*	New Zealand Flax Maori Chief	1.2m x 1.2m	200mm	4/m²	505	22	15	0	0	0	0	542
	SHADE MIX MATRIX 3												
Aa	*Adiantum aethiopicum*	Maiden Hair Fern	0.4m x 0.5m	140mm	6/m²	202	19	0	0	0	6	0	227
Ca	*Cissus antarctica*	Kangaroo Vine	0.3m x Spreading	140mm	6/m²	202	19	0	0	0	6	0	227
Dc	*Dianella caerulea*	Blue Flax Lily	1m x 1m	140mm	4/m²	135	13	0	0	0	6	0	154
Da	*Doodia aspera*	Prickly Rasp Fern	0.6m x 1m	140mm	4/m²	135	13	0	0	0	6	0	154
Lr	*Ligularia reniformis*	Tractor Seat Plant	1m x 1m	140 mm	4/m²	135	13	0	0	0	6	0	154
Lm	*Liriope muscari*	Lilyturf	0.6m x 0.6m	140 mm	6/m²	202	19	0	0	0	6	0	227
Ps	*Peperomia scandens variegata*	Variegated Cupid Peperomia	0.5m x 1m	200 mm	4/m²	135	13	0	0	0	6	0	154
Px	*Philodendron xanadu*	Xanadu	1m x 1m	140mm	4/m²	135	13	0	0	0	6	0	154
Pe	*Pteridium esculentum*	Bracken Fern	0.3m x Spreading	140mm	6/m²	202	19	0	0	0	6	0	227
Vh	*Viola hederacea*	Native Violet	0.2m x Spreading	140mm	6/m²	202	19	0	0	0	6	0	227
	GROUNDCOVERS MIX MATRIX 4												
Bs	*Banksia spinulosa 'Birthday Candles'*	Banksia Birthday Candles	0.5m x 1m	140mm	6/m²	613	45	22	5	9	0	20	714
Bf	*Boronia floribunda*	Pink Boronia	1m x 1m	200mm	6/m²	613	30	15	3	6	0	14	681
Cg	*Casuarina glauca 'Cousin It'*	Cousin It She-Oak	0.3m x 1m	140mm	4/m²	450	30	15	3	6	0	14	518
Dc	*Dianella caerulea*	Blue Flax Lily	1m x 1m	140mm	4/m²	450	45	22	5	9	0	20	551
Dr	*Dichondra repens*	Kidney Weed	0.1m x Spreading	140mm	6/m²	613	45	22	5	9	0	20	714
Hs	*Hibbertia scandens*	Guninea Flower	1m x Spreading	140mm	6/m²	613	45	22	5	9	0	20	714
Pl	*Pimelea linifolia*	Rice Flower	0.4m x 0.8m	140mm	6/m²	613	45	22	5	9	0	20	714
Vh	*Viola hederacea*	Native Violet	0.2m x Spreading	140mm	6/m²	613	45	22	5	9	0	20	714
	GROUNDCOVERS MIX MATRIX 5												
El	*Epacris longiflora*	Native Heath	1m x 1m	140mm	4/m²	736	0	15	5	12	0	18	786
Hv	*Hardenbergia violacea*	Native Sarsaparilla	1.5m x Spreading	200mm	6/m²	1095	0	22	8	18	0	27	1170
Ha	*Hoya australis*	Wax Flower	1m x Spreading	200 mm	6/m²	1095	0	22	8	18	0	27	1170
Lr	*Leptospermum rubrum nana*	Dwarf Red Tea Tree	1m x 1m	140mm	4/m²	736	0	15	5	12	0	18	786
Lt	*Lomandra tanika*	Mat Rush Tankia	0.6m x 0.6m	200 mm	6/m²	1095	0	22	8	18	0	27	1170
Mc	*Melaleuca 'Claret Tops'*	Claret Tops Melaleuca	2 x 1.5m	140mm	4/m²	736	0	15	5	12	0	18	786
Ta	*Themeda australis*	Kangaroo Grass	0.9m x 0.6m	200 mm	6/m²	1095	0	22	8	18	0	27	1170
Wc	*Wahlenbergia communis*	Tufted Bluebell	0.4m x 0.3m	200 mm	6/m²	1095	0	22	8	18	0	27	1170
	TURF				TOTAL AREA =								
Sse	*Stenotaphrum secundatum*	Buffalo Grass	N/A	N/A		204m²							

24.1020 - CARRINGTON RD - DA PLANTING SCHEDULE - BALCONIES

CODE	BOTANIC NAME	COMMON NAME	MATURE SIZE (h x w) (m)	PROPOSED POT SIZE	SPACING	QUANTITIES
	LOW GRASSES MIX MATRIX 1					Service Area
Dc	*Dianella caerulea*	Blue Flax Lily	1m x 1m	140mm	6/m²	420
Ga	*Gahnia aspera*	Saw Sedge	1m x 1m	140mm	6/m²	420
Lt	*Lomandra tanika*	Mat Rush Tankia	0.6m x 0.6m	140mm	6/m²	420
Ic	*Imperata cylindrica 'Yalba'*	Yalba Blood Grass	0.3-0.5m x 0.5-1m	140mm	6/m²	420
Ss	*Stipa sp.*	Spear Grass	0.5m x 0.5m	140mm	6/m²	420
Ta	*Themeda australis*	Kangaroo Grass	0.9m x 0.6m	140mm	6/m²	420
	TALL GRASSES MIX MATRIX 2					Balconies
Dcr	*Dichelachne crinita*	Longhair Plume Grass	1m x 1.5m	200mm	4/m²	164
Pl	*Poa liberia*	Common Tussock Grass	1.2m x 1.5m	200mm	4/m²	164
Ll	*Lomandra longifolia*	Mat Rush	2m x 2m	200mm	4/m²	164
Pr	*Pennisetum rubrum*	Red Fountain Grass	1.5m x 1.5m	200mm	4/m²	164
Pa	*Pennisetum alopecuroides*	Swamp Fountain Grass	1.5m x 1.5m	200mm	4/m²	164
Pm	*Phormium 'Maori Chief'*	New Zealand Flax Maori Chief	1.2m x 1.2m	200mm	4/m²	164

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Issue	Revision Description	Drawn	Check	Date
D	DA	JR/LL	HC/MB	12.09.25
C	DA	JR/LL	HC/MB	01.09.25
B	DA	JR/LL	HC/MB	29.07.25
A	DA - FOR INFORMATION	JR	AB/MB	30.04.25

Not for Construction

Project

2 Fishburn Crescent

Castle Hill

Development Application

Client

ARADA

Drawing No. L-400

Drawing Name PLANTING SCHEDULE

Job No. 24-1020

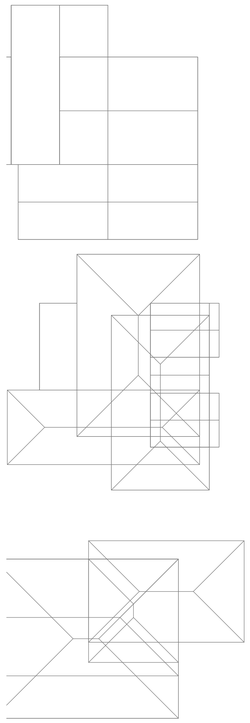
Issue D

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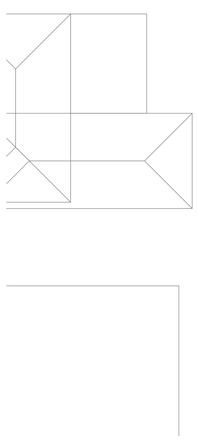
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EXISTING SITE BOUNDARY
CARRINGTON ROAD
SITE ACCESS
SEXTON AVENUE
LOCAL STREET (17M)
FISHBURN CRESCENT
MINOR ARTERIAL ROAD
EXISTING SITE BOUNDARY
BUILDING A
BUILDING B
BUILDING C
BUILDING D
LOBBY A1
LOBBY B2
LOBBY C1
LOBBY C2
WELLNESS LOBBY
LOADING DOCK
SUBSTATION
POOL
GROUNDCOVER MIX MATRIX 4 (6/m²): Bx x 18, Hx x 18, Lx x 18, Cg x 18, Dr x 18, Px x 18, Vh x 18
GROUNDCOVER MIX MATRIX 5 (6/m²): Ex 28, Hx x 28, Lx x 28, Dr x 28, Px x 28, Wx x 28
SHADE MIX MATRIX 3 (6/m²): Aa x 14, Cx x 14, Dx x 14, Lx x 14, Px x 14, Wx x 14
TALL GRASS MIX MATRIX 2 (6/m²): Dcr x 32, Px 32, Lx 32, Px x 32, Tx x 32
LOW GRASS MIX MATRIX 1 (6/m²): Dx x 150, Lx x 150, Px x 150, Tx x 150
SHADE MIX MATRIX 1 (6/m²): Dx x 25, Cx x 25, Lx x 25, Px x 25, Tx x 25
GROUNDCOVER MIX MATRIX 1 (6/m²): Ex x 18, Hx x 18, Lx x 18, Px x 18, Wx x 18
GROUNDCOVER MIX MATRIX 2 (6/m²): Ex x 18, Hx x 18, Lx x 18, Px x 18, Wx x 18
GROUNDCOVER MIX MATRIX 3 (6/m²): Ex x 18, Hx x 18, Lx x 18, Px x 18, Wx x 18
GROUNDCOVERS MIX MATRIX 4 (6/m²): Bx x 18, Hx x 18, Lx x 18, Cg x 18, Dr x 18, Px x 18, Vh x 18
GROUNDCOVERS MIX MATRIX 5 (6/m²): Ex 28, Hx x 28, Lx x 28, Dr x 28, Px x 28, Wx x 28
MIX MATRIX 4 (6/m²): Bx x 18, Hx x 18, Lx x 18, Cg x 18, Dr x 18, Px x 18, Vh x 18
GROUNDCOVER MIX MATRIX 5 (6/m²): Ex x 28, Hx x 28, Lx x 28, Dr x 28, Px x 28, Wx x 28
GROUNDCOVERS







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SOFTWORKS

- EXISTING TREES TO BE REMOVED
- EXISTING TREES TO BE RETAINED
- PROPOSED TREE PLANTING

SHRUBS AND ACCENTS

- Ai - Alcantarea imperialis
- Ca - Crinum asiaticum
- Dt -Dodonaea triquetra
- De - Doryanthes excelsa
- Gl - Grevillea linearifolia
- Hs - Hakea sericea
- Lf - Lamberta formosa
- Pr - Philodendron 'Rojo Congo'
- Sr - Strelizia reginae
- Xm -Xanthorrhoea media
- Wf - Westringia fruticosa

Ferns & Cycads

- Aa - Asplenium australasicum
- Cc - Cyathea cooperi

GRASSES & GROUND COVERS

- LOW GRASS MIX MATRIX 1
- TALL GRASS MIX MATRIX 2
- SHADE MIX MATRIX 3
- GROUND COVER MIX MATRIX 4
- GROUND COVER MIX MATRIX 5

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Project

2 Fishburn Crescent

Castle Hill

Development Application

Client

ARADA

Drawing No.	Drawing Name
L-402	SOFTWORKS LEVEL 7 - BUILDING B

Job No. 24-1020

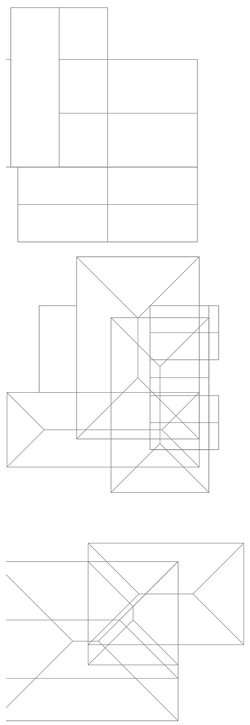
Issue D

Scale 1:200 @ A1

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GRASSES & GROUND COVERS

- LOW GRASS MIX MATRIX 1
- TALL GRASS MIX MATRIX 2
- SHADE MIX MATRIX 3
- GROUND COVER MIX MATRIX 4
- GROUND COVER MIX MATRIX 5

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2 Fishburn Crescent

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Client

ARADA

Drawing No. L-403

Drawing Name: SOFTWORKS LEVEL 10 - BUILDING C

Job No. 24-1020

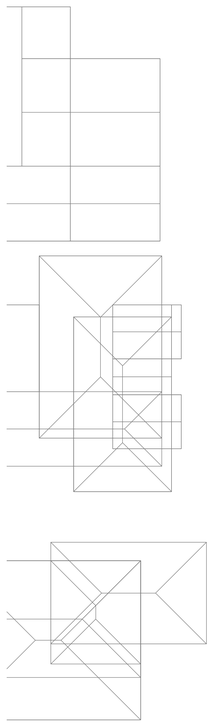
Issue D

Scale 1:200 @ A1

0 1 2 4 6 10m

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GRASSES & GROUND COVERS

- LOW GRASS MIX MATRIX 1
- TALL GRASS MIX MATRIX 2
- SHADE MIX MATRIX 3
- GROUND COVER MIX MATRIX 4
- GROUND COVER MIX MATRIX 5

Issue	Revision Description	Drawn	Check	Date
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Not for Construction

Project

2 Fishburn Crescent

Castle Hill

Development Application

Client

ARADA

Drawing No. L-404

Drawing Name: SOFTWORKS LEVEL 13- BUILDING B

Job No. 24-1020

Issue D

Scale 1:200 @ A1

0 1 2 4 6 10m

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SOFTWORKS

- EXISTING TREES TO BE REMOVED
- EXISTING TREES TO BE RETAINED
- PROPOSED TREE PLANTING

SHRUBS AND ACCENTS

- Ai - Alcantarea imperialis
- Ca - Crinum asiaticum
- Dt -Dodonaea triquetra
- De - Doryanthes excelsa
- Gl - Grevillea linearifolia
- Hs - Hakea sericea
- Lf - Lambertia formosa
- Pr - Philodendron 'Rojo Congo'
- Sr - Strelizia reginae
- Xm -Xanthorrhoea media
- Wf - Westringia fruticosa

Ferns & Cycads

- Aa - Asplenium australasicum
- Cc - Cyathea cooperi

GRASSES & GROUND COVERS

- LOW GRASS MIX MATRIX 1
- TALL GRASS MIX MATRIX 2
- SHADE MIX MATRIX 3
- GROUND COVER MIX MATRIX 4
- GROUND COVER MIX MATRIX 5

Issue	Revision Description	Drawn	Check	Date
D	DA	JR/LL	HC/MB	12.09.25
C	DA	JR/LL	HC/MB	01.09.25
B	DA	JR/LL	HC/MB	29.07.25
A	DA - FOR INFORMATION	JR	AB/MB	30.04.25

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Project

2 Fishburn Crescent

Castle Hill

Development Application

Client

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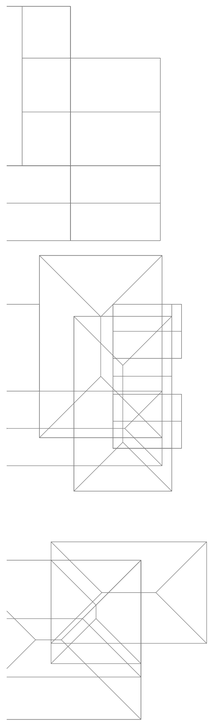
Drawing No.	Drawing Name
L-405	SOFTWORKS LEVEL 14- BUILDING A

Job No.	24-1020
Issue	D
Scale	1:200 @ A1

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2 Fishburn Crescent

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Drawing No. L-406

Drawing Name: SOFTWORKS LEVEL 16- BUILDING B

Job No. 24-1020

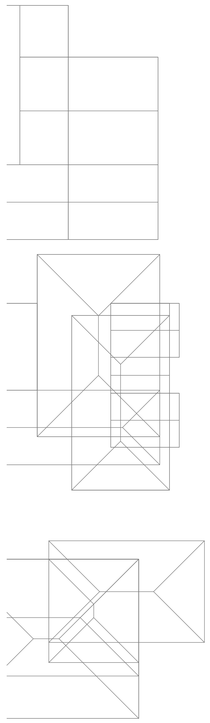
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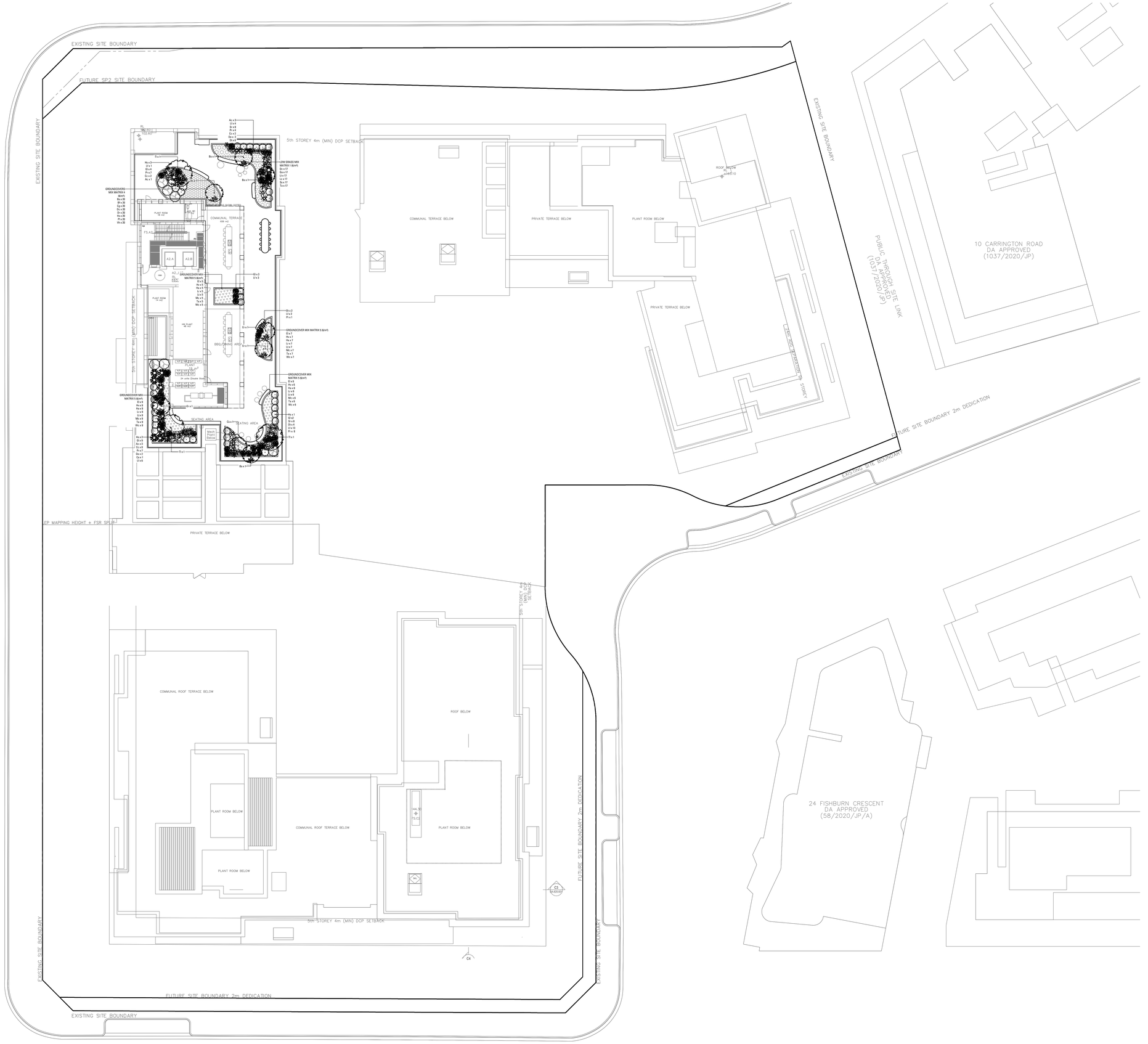
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A	DA - FOR INFORMATION	JR	AB/MB	30.04.25

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Drawing No. L-407

Drawing Name: SOFTWORKS LEVEL 18 - BUILDING A

Job No. 24-1020

Issue D

Scale 1:200 @ A1

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NORTH ELEVATION





SOUTH ELEVATION





WEST ELEVATION





EAST ELEVATION



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Drawing No. L-408

Drawing Name

SOFTWORKS - ELEVATION PLANTER

Job No. 24-1020

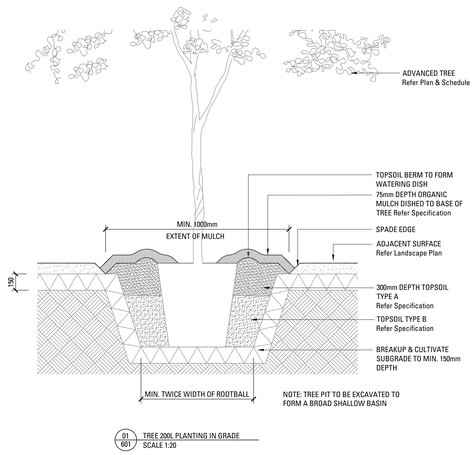
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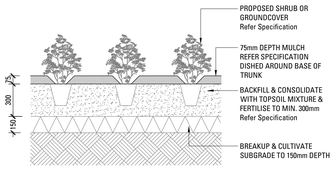
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01 601 TREE 200L PLANTING IN GRADE
SCALE 1:20



02 601 PLANTING IN DEEP SOIL
SCALE 1:20

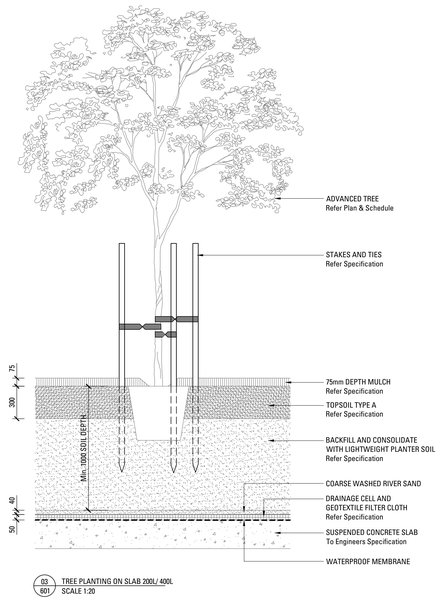
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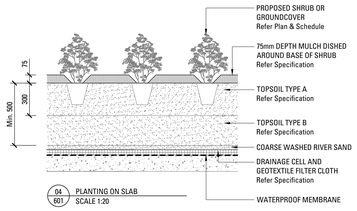
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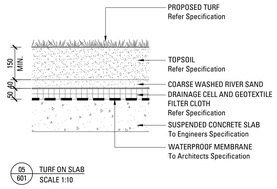
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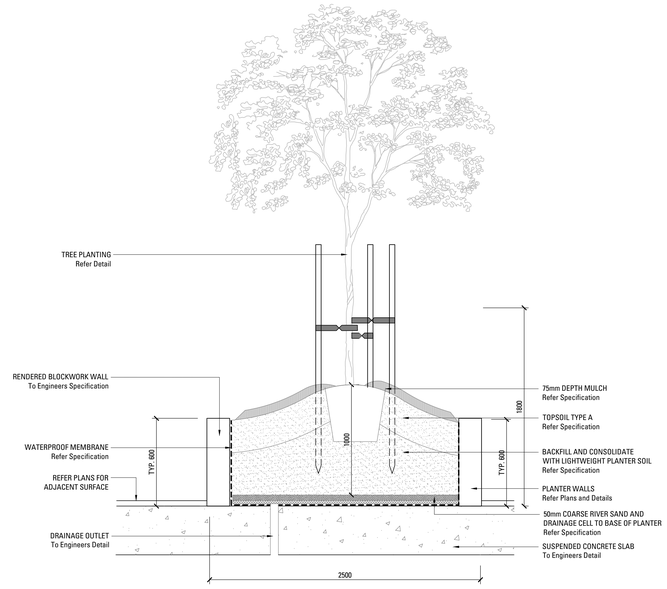
03 601 TREE PLANTING ON SLAB 200L/ 400L
SCALE 1:20



04 601 PLANTING ON SLAB
SCALE 1:20



05 601 TURF ON SLAB
SCALE 1:10



06 601 TREE PLANTING ON MOUNDED SOIL
SCALE 1:20

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Drawing No. L-601
Drawing Name LANDSCAPE DETAILS

Job No. 24-1020
Issue D
Scale

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LANDSCAPE SPECIFICATION NOTES

SERVICES
BEFORE LANDSCAPE WORK IS COMMENCED THE LANDSCAPE CONTRACTOR IS TO ESTABLISH THE POSITION OF ALL SERVICE LINES AND ENSURE TREE PLANTING IS CARRIED OUT AT LEAST 3 METRES AWAY FROM THESE SERVICES. SERVICE LIDS, VENTS AND HYDRANTS SHALL BE LEFT EXPOSED AND NOT COVERED BY ANY LANDSCAPE FINISHES (TURFING, PAVING, GARDEN BEDS ETC.) FINISH ADJOINING SURFACES FLUSH WITH PIT LIDS.

ABORIST MANAGEMENT OF TREE PROTECTION
A QUALIFIED AND APPROVED ABORIST IS TO BE CONTRACTED TO UNDERTAKE OR MANAGE THE INSTALLATION OF PROTECTIVE FENCING, AND TO UNDERTAKE SUCH MEASURES AS HE DEEMS APPROPRIATE TO PRESERVE THE SUBJECT TREES TO BE RETAINED. THE ARBORIST IS TO BE RETAINED FOR THE ENTIRE CONTRACT PERIOD TO UNDERTAKE ONGOING MANAGEMENT AND REVIEW OF THE TREES.

DRAINAGE CELL AND FILTER FABRIC
FOR ON-SLAB AREAS INSTALL AN APPROVED 'DRAINAGE CELL' PRODUCT TO COMPREHENSIVELY COVER THE BOTTOM OF ALL PLANTERS. OVER DRAINAGE CELL TO ON-SLAB AREAS, A POLYFELT GEOTEXTILE LINING (AS SUPPLIED BY 'POLYFELT TS' OR APPROVED EQUIVALENT) IS TO BE INSTALLED TO COVER THE BOTTOM OF ALL PLANTERS, TURNED UP 300MM AND TAPED TO THE PLANTER SIDES TO ENSURE SOIL MIX DOES NOT ESCAPE INTO DRAINAGE OUTLETS/HOLES. INSTALL MIN. 50MM COARSE RIVER SAND OVER ALL GEOTEXTILE LINING PRIOR TO INSTALLATION OF SOIL MIX.

PLANTING MIXTURE
SHALL BE HOMOGENOUS BLEND OF SOIL AND ADDITIVES IN THE FOLLOWING PROPORTIONS:
EXISTING SITE SOIL IF SUITABLE OR
IMPORTED TOPSOIL 50%
COMPOST 30%
D/W SAND 20%
SOIL TESTING OF EXISTING SITE SOIL IS TO BE UNDERTAKEN TO ASSESS SUITABILITY OF USE AS PLANTING TOPSOIL AND COMPLIANCE WITH AUSTRALIAN STANDARDS.

MULCH APPLICATION
PLACE MULCH TO THE REQUIRED DEPTH, (REFER TO DRAWINGS) CLEAR OF PLANT STEMS, AND RAKE TO AN EVEN SURFACE FINISHING 25MM BELOW ADJOINING LEVELS. ENSURE MULCH IS WATERED IN AND TAMPED DOWN DURING INSTALLATION.

MULCH TYPE
PINE BARK: FROM MATURE TREES, GRADED IN SIZE FROM 15MM TO 30MM, FREE FROM WOOD SLIVERS. DARK BROWN IN COLOUR AND TEXTURE.

COMPOST
SHALL BE WELL ROTTED VEGETATIVE MATERIAL OR ANIMAL MANURE, OR OTHER APPROVED MATERIAL, FREE FROM HARMFUL CHEMICALS, GRASS AND WEED GROWTH AND WITH NEUTRAL PH. PROVIDE A CERTIFICATE OF PROOF OF PH UPON REQUEST.

PLANT MATERIAL
ALL PLANTS SUPPLIED ARE TO CONFORM WITH THOSE SPECIES LISTED IN THE PLANT SCHEDULE ON THE DRAWINGS. GENERALLY PLANTS SHALL BE VIGOROUS, WELL ESTABLISHED, HARDENED OFF, OF GOOD FORM CONSISTENT WITH SPECIES OR VARIETY, NOT SOFT OR FORCED, FREE FROM DISEASE OR INSECT PESTS WITH LARGE HEALTHY ROOT SYSTEMS AND NO EVIDENCE OF HAVING BEEN RESTRICTED OR DAMAGED. TREES SHALL HAVE A LEADING SHOOT. IMMEDIATELY REJECT DRIED OUT, DAMAGED OR UNHEALTHY PLANT MATERIAL BEFORE PLANTING. ALL STOCK IS TO BE CONTAINER GROWN FOR A MINIMUM OF SIX (6) MONTHS PRIOR TO DELIVERY TO SITE

FERTILISER MASS PLANTING AREAS:
FERTILISER SHALL BE 'NUTRICOTE' OR APPROVED EQUIVALENT IN GRANULE FORM INTENDED FOR SLOW RELEASE OF PLANT NUTRIENTS OVER A PERIOD OF APPROXIMATELY NINE MONTHS. THOROUGHLY MIX FERTILISER WITH PLANTING MIXTURE AT THE RECOMMENDED RATE, PRIOR TO INSTALLING PLANTS.

TURF
SHALL BE SIR WALTER BUFFALO. SHIRLEYS NO. 17 OR APPROVED EQUAL LAWN FOOD SHALL BE THOROUGHLY MIXED INTO THE TOPSOIL PRIOR TO PLACING TURF.

TREES IN GRASS AND SUPER ADVANCED TREES:
PELLETS SHALL BE IN THE FORM INTENDED TO UNIFORMLY RELEASE PLANT FOOD ELEMENTS FOR A PERIOD OF APPROXIMATELY NINE MONTHS EQUAL TO SHIRLEYS KOKEI PELLETS, ANALYSIS 6.3:1.8:2.9. KOKEI PELLETS SHALL BE PLACED AT THE TIME OF PLANTING TO THE BASE OF THE PLANT, 50MM MINIMUM FROM THE ROOT BALL AT A RATE OF TWO PELLETS PER 300MM OF TOP GROWTH TO A MAXIMUM OF 8 PELLETS PER TREE.

STAKING AND TYING
STAKES SHALL BE STRAIGHT HARDWOOD, FREE FROM KNOTS AND TWISTS, POINTED AT ONE END AND
SIZED ACCORDING TO SIZE
OF PLANTS TO BE STAKED.
A. 5-15 LITRE SIZE PLANT 1X(1200X25X25MM)
B. 35-75 LITRE SIZE PLANT 2X(1500X38X38MM)
C. 100-GREATER THAN 200LITRE 3X(1800X50X50MM)
TIES SHALL BE 50MM WIDE HESSIAN WEBBING OR APPROVED EQUIVALENT NAILED OR STAPLED TO STAKE. DRIVE STAKES A MINIMUM ONE THIRD OF THEIR LENGTH, AVOIDING DAMAGE TO THE ROOT SYSTEM, ON THE WINDWARD SIDE OF THE PLANT.

IRRIGATION SYSTEM
SUPPLY AN AUTOMATIC WATERING SYSTEM USING 'TORO IRRIGATION SYSTEM' OR SIMILAR APPROVED, WITH MICRO-JET SPRINKLER HEADS AND LOW DENSITY, RUBBER MODIFIED POLYPROPYLENE RETICULATION, TO INCLUDE FILTERS, BENDS JUNCTIONS, ENDS AND OTHER ANCILLARY EQUIPMENT. THE LANDSCAPER SHALL NOMINATE HIS SOURCE OF SUPPLY FOR THE WATERING SYSTEM AND OBTAIN APPROVAL FROM THE SUPERINTENDENT BEFORE PLACING ORDERS FOR EQUIPMENT OR SUPPLY.

A SCHEMATIC PLAN OF THE PROPOSED IRRIGATION SYSTEM IS TO BE PREPARED BY THE CONTRACTOR, SHOWING SOLENOIDS, PIPE DIAMETERS, AND ALL NOZZLE AND TRICKLE ATTACHMENT TYPES (INCLUDING SPRAY/HEAD ANGLE), FOR REVIEW BY THE SUPERINTENDENT PRIOR TO INSTALLATION

THE CONTRACTOR IS TO LIASE WITH THE HYDRAULIC ENGINEER AND COUNCIL AS NECESSARY, TO ENSURE THE THE IRRIGATION SYSTEM CONFORMS WITH ALL THE COUNCIL AND WATER BOARD CODES AND REQUIREMENTS.

PROVIDE AN AUTOMATIC CONTROLLER THAT PROVIDES FOR TWO WEEK SCHEDULING AND HOURLY MULTI-CYCLE OPERATION. THE CONTROLLER SHALL MANUAL OVERRIDE. PROGRAMMING SHALL BE UNDERTAKEN BY THE CONTRACTOR WHO SHALL ADVISE ON THE OPERATION OF THE SYSTEM.

PROVISION OF SECURE HOUSING FOR THE AUTOMATIC IRRIGATION CONTROLLER TO BE LOCATED IN ASSOCIATION WITH THE LANDSCAPE CONTRACTOR AND LOCATION CONFIRMED BY THE SUPERINTENDENT. WIRING TO CONNECT REMOTE SOLENOID LOCATIONS IS TO BE PROVIDED. THE CONTROLLER SHALL BE LOCATED IN A DRY PLACE, PROTECTED FROM THE WEATHER, AND ALL CABLE CONNECTIONS SHALL BE MADE WITH WATERPROOF CONNECTORS.

WATER SUPPLY POINTS TO BE SUPPLIED BY BUILDER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE AND GUARANTEE SATISFACTORY OPERATION OF THE IRRIGATION SYSTEM.

AFTER THE SYSTEM HAS BEEN INSTALLED TO THE SATISFACTION OF THE SUPERINTENDENT, THE INSTALLATION SHALL BE TESTED UNDER KNOWN WORKING CONDITIONS. ACCEPTANCE OF THE INSTALLED PLANT AND EQUIPMENT SHALL BE SUBJECT TO THESE BEING SATISFACTORY.

TREATED PINE TIMBER EDGING
TIMBER EDGE: 100 X 25MM CCA TREATED RADIATA PINE TIMBER STAKES: 50 X 50 X 500MM CCA TREATED RADIATA PINE-SHARPENED AT ONE END. INSTALL IN LOCATIONS SHOWN ON THE DRAWINGS FLUSH TO FINISHED SURFACE LEVELS.

TURF
TURF ALL LANDSCAPE AREAS AS SHOWN ON THE LANDSCAPE DRAWINGS. TURF IS TO HAVE AN EVEN THICKNESS OF NOT LESS THAN 25MM. OBTAIN TURF FROM AN APPROVED GROWER. FURNISH A WARRANTY FROM THE GROWER THAT THE TURF IS FREE FROM WEEDS AND OTHER FOREIGN MATTER. DELIVER TURF TO THE SITE WITHIN 24 HOURS OF BEING CUT, AND LAY IT WITHIN 24 HOURS OF BEING DELIVERED.

TO PREPARE GRADED AREAS TO RECEIVE TURF, EXCAVATE THE AREA AND CULTIVATE SO AS TO ALLOW FOR IMPORTING OF 100MM OF TURF UNDERLAY SOIL. REMOVE ALL STONES OVER 50MM Ø AND REMOVE ALL WEEDS AND FOREIGN MATTER. SPREAD SOIL MIX A.B.S TO A DEPTH OF 100MM AND GRADE TO APPROPRIATE LEVELS TO ACHIEVE GENERAL EVEN GRADES TO DRAINAGE OUTLETS INSTALLED BY OTHERS.

LAY THE TURF ALONG THE LAND CONTOURS WITH STAGGERED, CLOSE BUTTED JOINTS, SO THAT THE FINISHED TURF SURFACE IS FLUSH WITH ADJACENT FINISHED SURFACES OF PAVING AND THE LIKE. AS SOON AS PRACTICABLE AFTER LAYING, ROLL THE TURF WITH A ROLLER WEIGHING NOT MORE THAN 90KG PER METRE OF WIDTH FOR SANDY OR LIGHT SOILS.

WATER AS NECESSARY TO KEEP THE SOIL MOIST TO A DEPTH OF 100MM. PROTECT NEWLY TURFED AREAS AGAINST TRAFFIC UNTIL GRASS IS ESTABLISHED. FERTILISE TWO WEEKS AFTER LAYING FERTILISE A.B.S

'TOP DRESS' THE TURF WHEN IT IS ESTABLISHED TO A DEPTH OF 10MM WITH COARSE WASHED RIVER SAND. RUB THE DRESSING WELL INTO THE JOINTS AND CORRECT ANY UNEVENNESS IN THE TURF SURFACES.

LANDSCAPE MAINTENANCE PROGRAM

MAINTENANCE SHALL MEAN THE CARE AND MAINTENANCE OF THE LANDSCAPE WORKS BY ACCEPTED HORTICULTURAL PRACTICE AS RECTIFYING ANY DEFECTS THAT BECOME APPARENT IN THE LANDSCAPE WORKS UNDER NORMAL USE. THIS SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO, WATERING, MOWING, FERTILISING, RESEEDING, RETURFING, WEEDING, PEST AND DISEASE CONTROL, STAKING AND TYING, REPLANTING, CULTIVATION, PRUNING, AERATING, RENOVATING, TOP DRESSING, MAINTAINING THE SITE IN A NEAT AND TIDY CONDITION AS FOLLOWS:-

GENERAL
THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE WORKS FOR THE TERM OF THE MAINTENANCE (OR PLANT ESTABLISHMENT) PERIOD TO THE SATISFACTION OF THE COUNCIL. THE LANDSCAPE CONTRACTOR SHALL ATTEND TO THE SITE ON A WEEKLY BASIS. THE MAINTENANCE PERIOD SHALL COMMENCE AT PRACTICAL COMPLETION AND CONTINUE FOR A PERIOD OF TWENTY SIX (26) WEEKS.

WATERING
GRASS, TREES AND GARDEN AREAS SHALL BE WATERED REGULARLY SO AS TO ENSURE CONTINUOUS HEALTHY GROWTH.

RUBBISH REMOVAL
DURING THE TERM OF THE MAINTENANCE PERIOD THE LANDSCAPE CONTRACTOR SHALL REMOVE RUBBISH THAT MAY OCCUR AND REOCCUR THROUGHOUT THE MAINTENANCE PERIOD. THIS WORK SHALL BE CARRIED OUT REGULARLY SO THAT AT WEEKLY INTERVALS THE AREA MAY BE OBSERVED IN A COMPLETELY CLEAN AND TIDY CONDITION.

REPLACEMENTS
THE LANDSCAPE CONTRACTOR SHALL REPLACE ALL PLANTS THAT ARE MISSING, UNHEALTHY OR DEAD AT THE LANDSCAPE CONTRACTOR'S COST. REPLACEMENTS SHALL BE OF THE SAME SIZE, QUALITY AND SPECIES AS THE PLANT THAT HAS FAILED UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT. REPLACEMENTS SHALL BE MADE ON A CONTINUING BASIS NOT EXCEEDING TWO (2) WEEKS AFTER THE PLANT HAS DIED OR IS SEEN TO BE MISSING.

STAKES AND TIES
THE LANDSCAPE CONTRACTOR SHALL REPLACE OR ADJUST PLANT STAKES, AND TREE GUARDS AS NECESSARY OR AS DIRECTED BY THE LANDSCAPE ARCHITECT. REMOVE STAKES AND TIES AT THE END OF THE MAINTENANCE PERIOD IF SO DIRECTED.

PRUNING
TREES AND SHRUBS SHALL BE PRUNED AS DIRECTED BY THE LANDSCAPE ARCHITECT. PRUNING WILL BE DIRECTED AT THE MAINTENANCE OF THE DENSE FOLIAGE OR MISCELLANEOUS PRUNING AND BENEFICIAL TO THE CONDITION OF THE PLANTS. ANY DAMAGED GROWTH SHALL BE PRUNED. ALL PRUNED MATERIAL SHALL BE REMOVED FROM THE SITE.

MULCHED SURFACES
ALL MULCHED SURFACES SHALL BE MAINTAINED IN A CLEAN AND TIDY CONDITION AND BE REINSTATED IF NECESSARY TO ENSURE THAT A DEPTH OF 75MM IS MAINTAINED. ENSURE MULCH IS KEPT CLEAR OF PLANT STEMS AT ALL TIMES.

PEST AND DISEASED CONTROL
THE LANDSCAPE CONTRACTOR SHALL SPRAY AGAINST INSECT AND FUNGUS INFESTATION WITH ALL SPRAYING TO BE CARRIED OUT IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS. REPORT ALL INSTANCES OF PESTS AND DISEASES (IMMEDIATELY THAT THEY ARE DETECTED) TO THE LANDSCAPE ARCHITECT.

GRASS AND TURF AREAS
THE LANDSCAPE CONTRACTOR SHALL MAINTAIN ALL GRASS AND TURF AREAS BY WATERING, WEEDING, DRESSING, ROLLING, MOWING, TRIMMING OR OTHER OPERATIONS AS NECESSARY. SEED AND TURF SPECIES SHALL BE THE SAME AS THE ORIGINAL SPECIFIED MIXTURE. GRASS AND TURF AREAS SHALL BE SPRAYED WITH APPROVED SELECTIVE HERBICIDE AGAINST BROAD LEAFED WEEDS AS REQUIRED BY THE LANDSCAPE ARCHITECT AND IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS. GRASS AND TURF AREAS SHALL BE FERTILISED ONCE A YEAR IN AUTUMN WITH "DYNAMIC LIFTER" FOR LAWNS AT A RATE OF 20KG PER 100M2. FERTILISER SHALL BE WATERED IN IMMEDIATELY AFTER APPLICATION. IRREGULARITIES IN THE GRASS AND TURF SHALL BE WATERED IN IMMEDIATELY AFTER APPLICATION. GRASS AND TURF AREAS SHALL BE KEPT MOWN TO MAINTAIN A HEALTHY AND VIGOROUS SWARD. MOWING HEIGHT: 30-50MM.

WEED ERADICATION
ERADICATE WEEDS BY ENVIRONMENTALLY ACCEPTABLE METHODS USING A NON-RESIDUAL GLYPHOSATE HERBICIDE (EG. 'ROUNDUP') IN ANY OF ITS REGISTERED FORMULAE, AT THE RECOMMENDED MAXIMUM RATE. REGULARLY REMOVE BY HAND, WEED GROWTH THAT MAY OCCUR OR RECUR THROUGHOUT GRASSED, PLANTED AND MULCHED AREAS. REMOVE WEED GROWTH FROM AN AREA 750MM DIAMETER AROUND THE BASE OF TREES IN GRASSED AREAS. CONTINUE ERADICATION THROUGHOUT THE COURSE OF THE WORKS AND DURING THE MAINTENANCE PERIOD.

SOIL SUBSIDENCE
ANY SOIL SUBSIDENCE OR EROSION WHICH MAY OCCUR AFTER THE SOIL FILLING AND PREPARATION OPERATIONS SHALL BE MADE GOOD BY THE LANDSCAPE CONTRACTOR AT NO COST TO THE CLIENT.

Copyright remains the property of Arcadia Design Group Pty Ltd. Use only figured dimensions. Any other required dimensions are to be referred to and supplied by the landscape architect. All discrepancies to be referred to the project manager and Arcadia Design Group Pty Ltd prior to construction. Ensure compliance with the Building Code of Australia and all relevant Australian Standards and Authority requirements.

Issue	Revision Description	Drawn	Check	Date
D	DA	JR/LL	HC/MB	12.09.25
C	DA	JR/LL	HC/MB	01.09.25
B	DA	JR/LL	HC/MB	29.07.25
A	DA - FOR INFORMATION	JR	AB/MB	30.04.25

Not for Construction

Project
2 Fishburn Crescent
Castle Hill

Development Application

Client
ARADA

Drawing No.	Drawing Name
L-700	LANDSCAPE SPECIFICATION NOTES

Job No.	24-1020
Issue	D
Scale	

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ARCADIA

ARCADIA

2 Fishburn Crescent, Castle Hill
SSDA Landscape Report

Prepared for Arada
September 2025

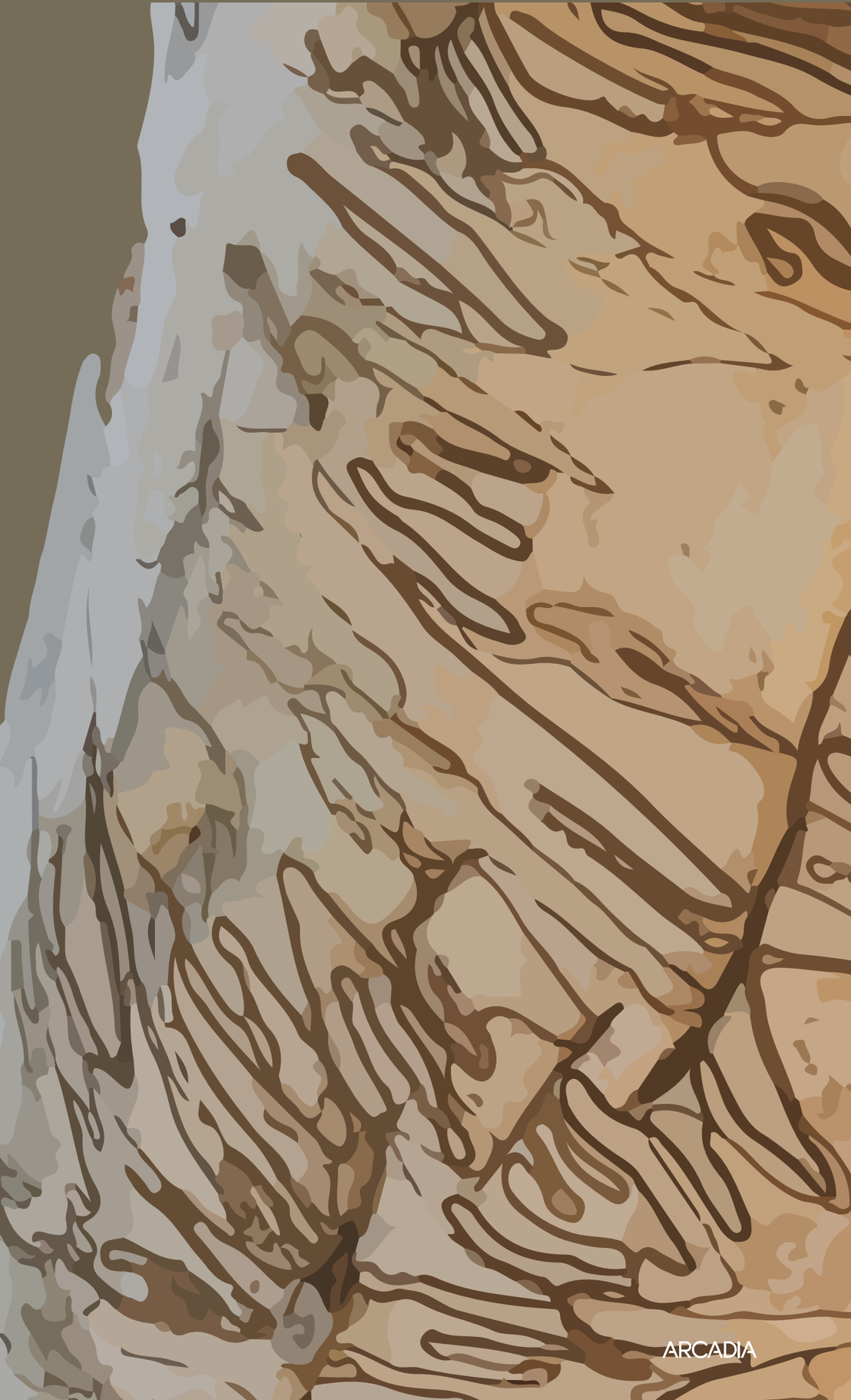
Arcadia acknowledges the Traditional Owners and their custodianship of the lands on which we live and work.

We pay our respects to their Ancestors and their descendants, who continue cultural and
spiritual connections to Country.

We recognise their valuable contributions
to Australian and global society.

Rev A	**Issued 30th April 2025**	**MB**
Rev B	**Issued 29th July 2025**	**MB**
Rev C	**Issued 1st September 2025**	**MB**
Rev D	**Issued 12st September 2025**	**MB**

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ARCADIA

Contents

Executive Summary 04
SEARS Comments 05
Background Documents 06

01

CONNECTING WITH COUNTRY 07
/ Process of Engagement 08
/ Indigenous History 09
/ Design Principles 10
/ Local Ecology 11
/ Cattai Creek 12
/ Dharug Calendar 13

02

SITE UNDERSTANDING 14
Contextual Analysis 15
/ Regional Context 15
/ Local Context 16
/ Geology 17
/ Ecological Communities 18
History 19
/ Colonial History 19
/ Site History and Evolution 20
/ Local Character 21

03

LANDSCAPE VISION 22
Landscape Vision 23
Landscape Principles 24
Landscape Strategies 25
Landscape Inspiration 26
/ Local Character 26
/ Design Translation 28

04

LANDSCAPE MASTERPLAN 29
Masterplan Analysis 31
/ Tree Removal and Replacement Plan 31
/ Soil Depth Plan - GF 32
/ Soil Depth Plan - Rooftops 33
/ Spatial Programme 34
/ GF Public Domain Interface 35
/ Carrington Road Inetrface 36
/ Section A - Carrington Road 37
/ Tower A Lobby 38
/ Green Corridor 39
/ Section B - Middleton Ave Entry (Long) 40
/ Section C - Middleton Ave Entry (Long) 41
/ Central Courtyard 42
/ Central Courtyard 43
/ Pool Garden 44
/ Section D - Pool Interface 45
/ Communal BBQ and Grand Lawn 46
/ Play Area 47
/ Section E - Play Interface 48
/ Rooftops 49
/ Typical Secyion - Balcony Planter Box
LANDSCAPE STRATEGIES 50
/ Look and Feel 51

05

Planting Palette 52
/ Native Edge / Courtyard 52

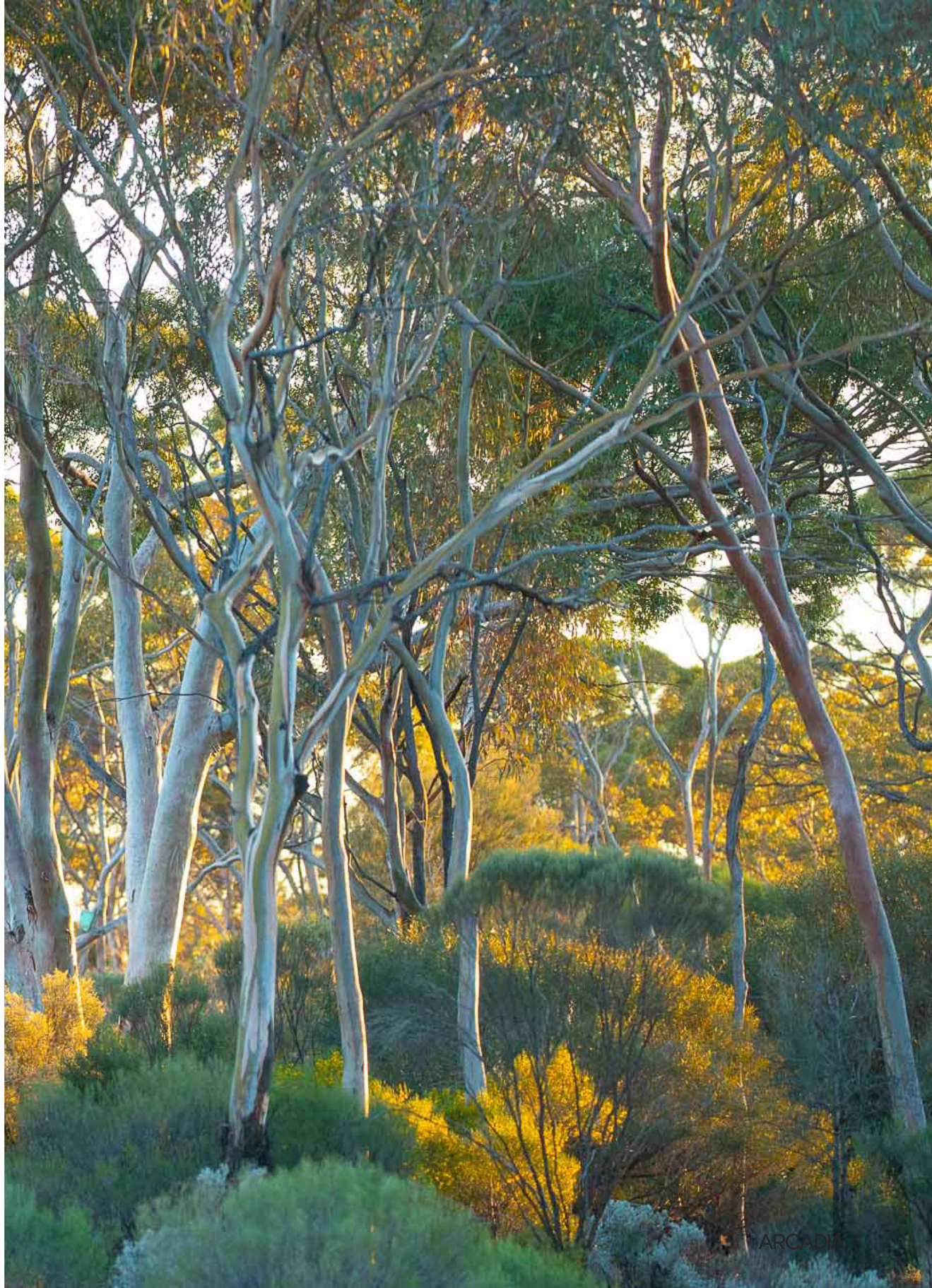
Executive Summary

This Landscape Report has been prepared by Arcadia Landscape Architecture to accompany a detailed state significant development application (SSDA) that seeks approval for the construction and operation of a residential development (including affordable housing) at 2 Fishburn Crescent, Castle Hill

This report has been prepared to address the Secretary's Environmental Assessment Requirements (SEARs) issued for the project (SSD-83112728).

The proposal is for construction of three buildings, ranging between 4-16 storeys with 50,500m2 of gross floor area (GFA).

Approximately 345 apartments are proposed with 15% of the (GFA) nominated for use as affordable housing pursuant to SEPP (Housing) 2021.



SEARS Comments

SECTION	SEAR SSDA	LANDSCAPE RESPONSE
14.1.1	Provide a landscape plan, that: / details the proposed site planting, including location, number and species of plantings, heights of trees at maturity and proposed canopy coverage (as a percentage of the site area).	Proposed Site Planting - Refer to the following documentation prepared as part of the SSDA submission: *SSDA Landscape Documentation (Softworks Plan*) Canopy Coverage - Refer to the following section of this Design Report: Tree Removal and Replacement Plan - Pg. 31
14.1.2	Provide a landscape plan, that: / provides evidence that opportunities to retain significant trees have been explored and/or inform the plan.	Refer to the following section of this Design Report: Tree Removal and Replacement Plan - Pg. 31
14.2	If the proposal involves impacts to trees, provide an Arboricultural Impact assessment that assesses the number, location, condition and significance of trees to be removed and retained including: / any existing canopy coverage to be retained on-site. / tree root mapping. if the proposal involves significant impacts to tree-protection zones of retained trees identified as being significant	Refer to the following report prepared as part of the SSDA submission: *Arboricultural Impact Assessment (AIA) Report by Rain Tree Consulting*

Background Documents
Government Architect NSW (GANSW)

The Government Architect NSW (GANSW) provides strategic design leadership in architecture, urban design and landscape architecture, providing a set of principles and guidance to support good design in NSW. The following reports guide best practice design for the public open spaces and communal landscape spaces at Carrington Road, Castle Hill.

Our landscape design response and process pays particular attention to the design objectives detailed in the Connecting With Country Report (2023).



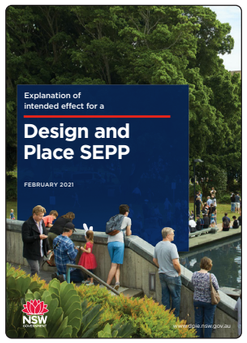
BETTER PLACED



IMPLEMENTING GOOD DESIGN (2018)



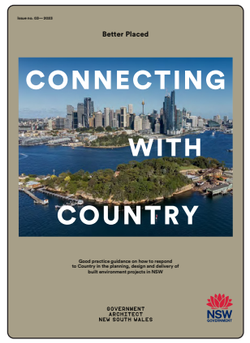
EVALUATING GOOD DESIGN (2018)



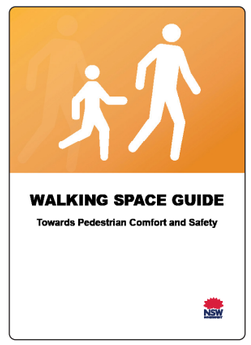
DESIGN AND PLACE SEPP (2021)



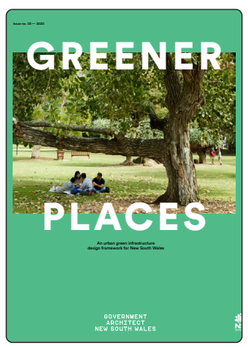
DESIGN AND PLACE IN NSW (2021)



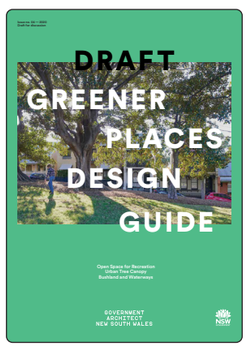
CONNECTING WITH COUNTRY (2023)



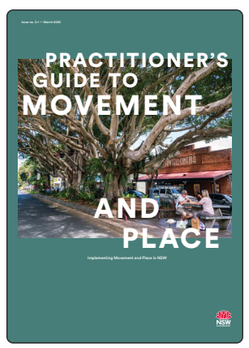
WALKING SPACES GUIDE (2020)



GREENER PLACES (2020)



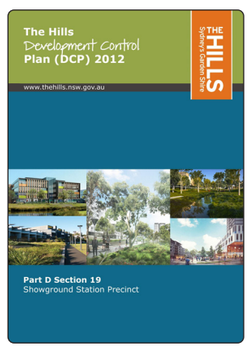
DRAFT GREENER PLACES DESIGN GUIDE (2020)



PRACTITIONER'S GUIDE TO MOVEMENT AND PLACE (2020)



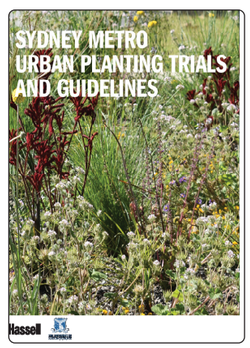
ALIGNING MOVEMENT AND PLACE (2019)



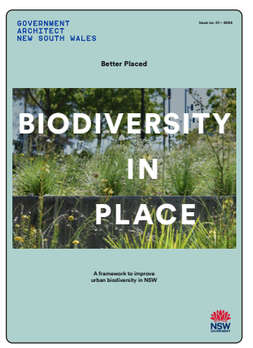
THE_HILLS_DCP (2012)



CASTLE HILL SHOWGROUND MASTERPLAN (2020)



SYDNEY METRO URBAN PLANTING TRIALS AND GUIDELINES



BIODIVERSITY IN PLACE (2024)

01
CONNECTING WITH COUNTRY

Connecting with Country
Process of Engagement

As a part of a national move towards reconciliation, it is essential that we work with Traditional Custodians of the lands we live and work in, exploring opportunities to share and exchange knowledge and culture.

Arcadia Landscape Architecture's preferred approach is to work directly with a working group of Cultural Leaders, collaborating in a reconciliatory process of co-design. We have begun the process of reaching out to local cultural leaders and will continue to do so as we move into the next stage. Additionally, we have identified the following stakeholders for community collaboration:

Local Indigenous community leaders and interested community members

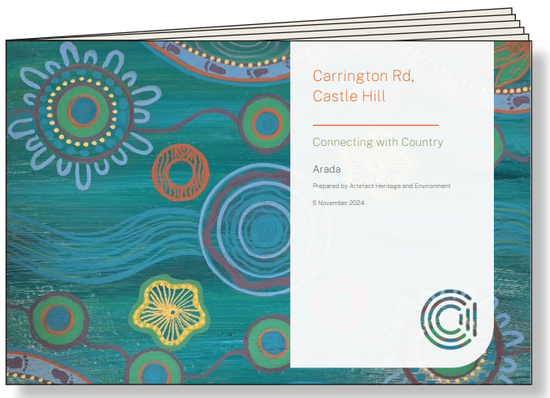
A walk on country was organised on 25 July 2024 organised by Artefact to view the Cattai Creek site physically from ground level. The walk included oral histories from Aunty Karen Owens who recalled visiting the creek while riding equestrian at the local showground.





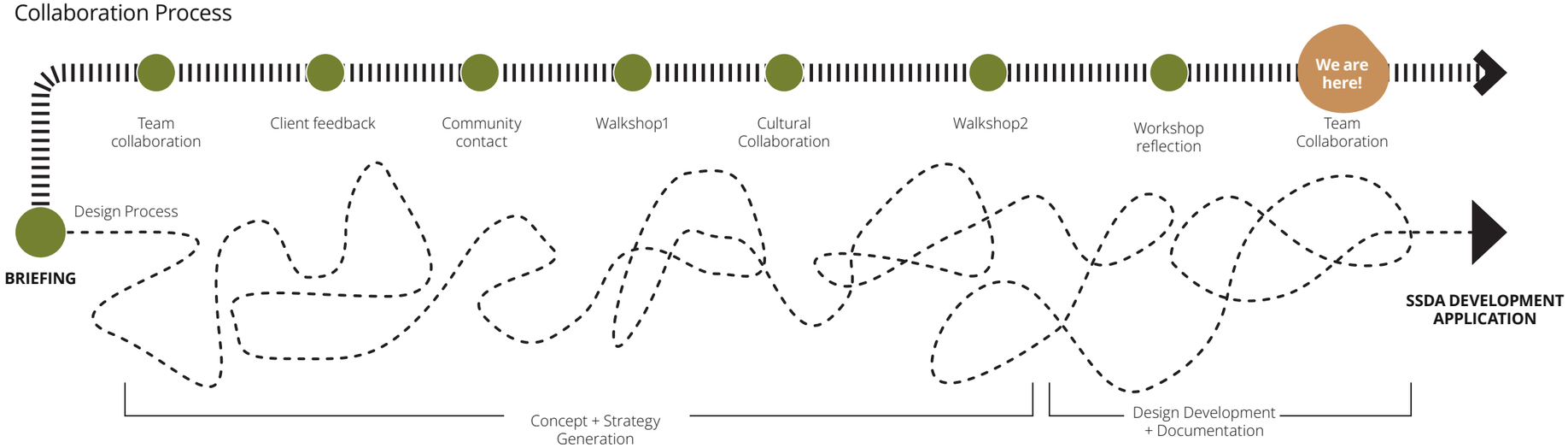




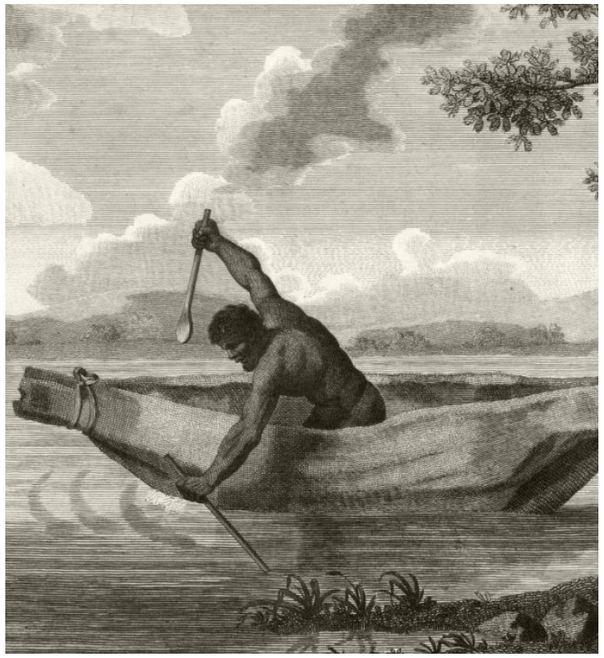


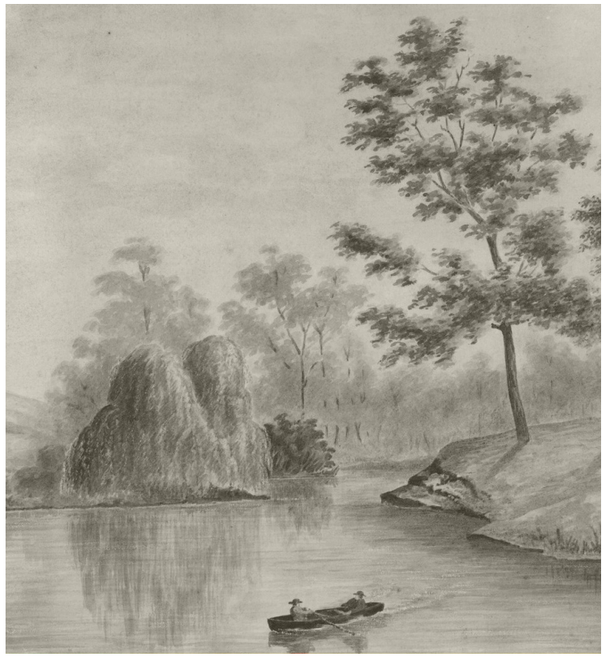
** CWC report prepared by Artefact Heritage and Environment*

Collaboration Process



Connecting with Country
Indigenous History







The land that is now called Castle Hill was originally home to the Bidjigal people of the Darug Language Group who occupied all the land to the immediate west of Sydney.

Bidjigal man, Pemulwuy is recognised as one of Sydney's most signficant historical figures. He primarily lived in the area of Kamay (today Botany Bay) but led the resistance of First Nations People against European Colonists who arrived in 1791.

The Bidjigal people are today commemorated by Bidjigal Reserve which celebrates a section of Darling Mills Creek; a tributary to the Paramatta River which was an important source of water and food. Rock shelters and Caves also lie within the reserve which feature aboriginal rock engravings and a midden dates back to the earliest human habitation in Sydney.

Water was of vital importance to First Nations People and many camps were set up within 100m of a water source where food and water resources were sufficient.

Cattai Creek from the Darug word Cattai (also Cadie, Caddye, Catta, Catye or Cathai) is thought to mean swampy land where the wide river flats give way to less hospitable Country (according to Governor Lachland Maquarie). Cattai is also recorded as meaning "here this place".

The recorded traditional place name for Castle hill is Mogoaillee.

Mogo = Stone hatchet
Ailee = (possessive) meaning belonging to somewhere or something

Mogoaillee is thought to have translated to place of stone hatchets,

Connecting with Country
Design Principles



Acknowledge Country

Acknowledge the Dharug People, the traditional custodians and owners through the interpretation and expression of Country-centred design principles.



Use language

Use local Dharug language and consider how language can be reactivated and appropriately used in documentation, wayfinding, interpretive signage, and buildings. Work with local Dharug language groups to inform and guide this work.



Focus on Accessibility and Safety

Consider social equity, culturally safe spaces and accessibility. Ensure that the development is culturally accessible by making spaces inviting, welcoming, green, and physically and culturally safe. Expressions of Aboriginal culture, like artworks and panels, need to be protected and cared for so that they aren't disrespected by vandalism



Incorporate Nature into Development

Take inspiration from the local environment especially the colours and plants of Cattai Creek. Reconnect site users and local communities to Country through initiatives like bush regeneration programs and inclusion of multisensory gardens, native plantings in proposed landscaping. Focus on healing the living landscape, Maintenance of plants and landscapes should be considered so that Country is cared for in the long term. Low maintenance landscapes ensure longevity



Continue Consultation

Undertake ongoing respectful and culturally appropriate engagement and consultation throughout the project. The interpretation and incorporation of cultural values into projects should be community led.

** Excerpt from CWC report prepared by Artefact Heritage and Environment*

Connecting with Country
Local Ecology

Sydney Coastal Enriched Sandstone Forest

Tall to very tall shrubby sclerophyll open forest found on slightnly enriched Hawksebury Sandstone soils on sheltered slopes and occasionally crests on the Sydney coastal sandstone plateaus.

FORMATION

WET SCLEROPHYLL FORESTS (GRASSY SUBFORMATION)

VEGETATION CLASS

NORTHERN HINTERLAND WET SCLEROPHYLL FORESTS



CANOPY

Includes Angophora costata in combination with Corymbia gummifera and Eucalyptus piperita, with Eucalyptus pilularis occasionally locally abundant

MID STRATA

A taller mid-stratum is characterised by very frequent however sparse cover of Pittosporum undulatum and Allocasuarina littoralis or Allocasuarina torulosa.

LOWER STRATA

A mid-dense lower shrub layer is comprised of dry sclerophyll species that commonly include Leptospermum trinervium, Persoonia levis, Lomatia silaifolia, Acacia ulicifolia and Dodonaea triquetra, with Banksia serrata and Banksia spinulosa recorded occasionally.

GROUNDCOVER

The ground layer is typically a sparse cover of graminoids that includes Dianella caerulea and Lomandra longifolia, Entolasia stricta and Pteridium esculentum, with Smilax australis.

Canopy



Corymbia gummifolia

Angophora costata

Eucalyptus piperita

Mid - Strata



Pittosporum undulatum

Allocasuarina torulosa

Allocasuarina littoralis

Lower strata



Leptospermum trinervium

Dodonaea triquetra

Acacia ulicifolia

Persoonia longifolia

Ground Covers



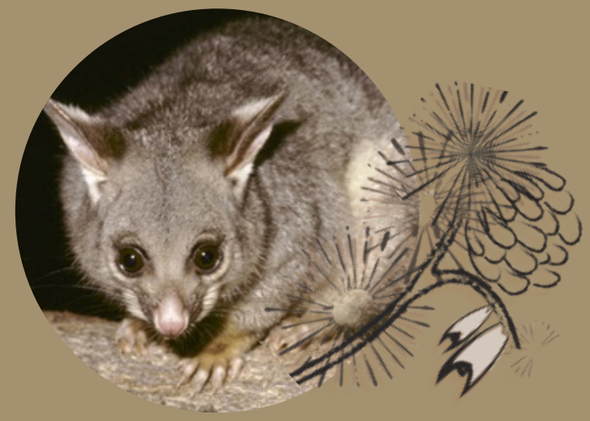
Dianella caerulea

Lomandra tanika

Smilax australis

Habitat

Brush tailed possums feed on leaves, buds, flowers and fruits. They enjoy the fresh tips of Eucalypts and buds of flowering trees and the berries of the Dianella.



Guragura - Dharug
Brush-tailed Possum (Trichosurus vulpecula)

Key threats

- Habitat fragmentation from urban clearing
- Loss of hollows through removal of old growth trees
- Reduced habitat connectivity and increased ground mobility leading to predation by cats and foxes and increase road incidents.

What we can do

- Retain habitat species and existing street trees
- Increase connected canopy
- Reintroduce food species
- Retain old growth trees for hollows or introduce new safe spaces such as artificial hollows and possum boxes

Connecting with Country
Cattai Creek

Northern Foothills Blackbutt Grassy Forest

Very tall to extremely tall, grassy of occasionally shrub-grass sclerophylla open forest, which occurs extensively on the coast, coastal ranges and foothills ranges between Grafton and Gosford, with limited outlying occurrences near Woodburn and Wollongong.

FORMATION	VEGETATION CLASS
DRY SCLEROPHYLL FORESTS (SHRUBBY SUBFORMATION	SYDNEY COASTAL DRY SCLEROPHYLL FORESTS



CANOPY

Canopy frequently includes Eucalyptus pilaris dominating with the highest cover and commonly Eucalyptus microcorys, sometimes with locally high cover. Other Canopy includes Corymbia intermedia, Syncarpia glomulifera, rarely Angophora costata, Eucalytpus resinifera, Eucalyptus propinqua.

MID STRATA

Mid-stratum of Allocasuarina torulosa occurs frequently and occasionally forms a mid-dense sub-canopy.

LOWER STRATA

The shrubs layer includes Polyscias sambucifolia frequently, commonly with Billadiera scandens.

GROUNDCOVER

Groundcover includes Polyscias sambucifolia in abundant thickets. Grassy ground layer includes Imperata cylindrica, frequently Pteridium esculentum, Lomandra longifolia, Entolasia stricta and Themeda triandra.

Canopy



Eucalytus microcorys

Eucalyptus piperita

Syncarpia glomulifera

Mid - Strata



Casuarina equisetifolia

Allocasuarina torulosa

Allocasuarina Littoralis

Lower strata



Sambucus caerulea

Billardiera scandens

Ground Covers



Imperata cylidrica

Lomandra tanika

Hypolepis muelleri

Habitat

Blue tongued lizards are one of the largest skinks in Australia, they prefer open woodlands with plenty of ground cover or rocky areas and eat slow moving insects and snails.



Mudgadung - Dharug
Eastern Blue Tongue Lizard (Tiliquia scinciodes)

Key threats in Urban Environments

- Habitat fragmentation from urban clearing
- Predation by feral animals
- Removal/ killing by people who don't want them on their land

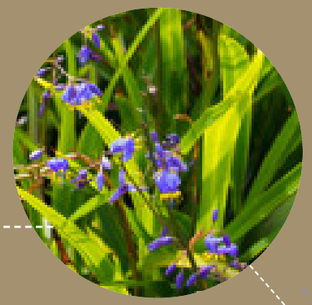
What we can do

- Retain habitat species and keep large rocks and logs in backyards and designed spaces to create habitat

Connecting with Country
Dharug Calendar

Bayin Gura
Cool getting Warmer

November - December
Bayin (Cool)
Gura (Warm)



The dianella plant blooms at the beginning of the warmer summer months. Its flower has a blue/purple and yellow pattern.

Dianella leaves can be dried and wet again to make them easier to bend and weave into string, nets, bags, baskets and traps. The berries are a popular bush tucker food and were used to make purple colour dye.

Bunul Marray
Warm and Wet

Jan - Feb
Bunnul (Sunshine)
Marray (Wet)



Warmer days bring the mugadung (Blue tonge or sleepy lizard) who can carry energy and new life. At the hottest time of the year, mugadung gives birth to new lizard life. They are passive creatures but when threatened, open their mouths wide and stick out their broad blue tongues.



Dugara Guwara
Cold and Windy

September - October
Dugara (very cold)
Guwara (Windy)



During this season, maliya (the diamond python) wakes from its hibernation and seeks its mate. Maliya is a common species in western sydney plains and blue mountains. They are a known food source for Dharug, but mainly when other foods are not available.

Yuruga Burra
Hot and Thirsty

March - April
Yurruga (hot)
Burra (sky)



The annual migration of barra (eel) from the rivers to the ocean indicates the beginning of this season. This is a signal for people from all over to gather.

Dagara
Cold and Frosty

July - August
Dagara (Cold)



The distinctive call of garad (black cockatoo) signals the coming of rain,
The presence of garad reminds (the Dharug people) that their Ancestors are part of Country and still with them. Decisions made today need to align with the values of our ancestors.

Bayin Dyarra
Wet and Cooler

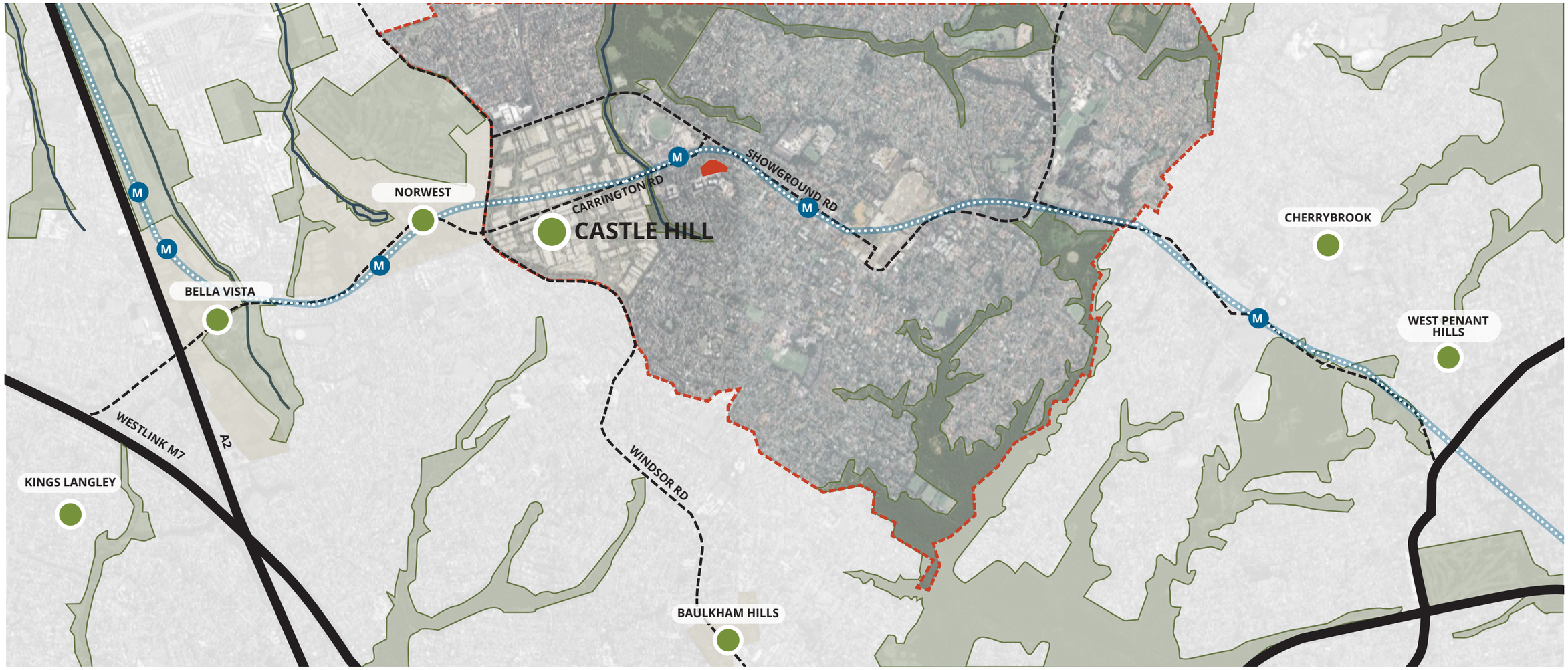
May - June
Bayin (cooler)
Dyarra (red



During this time, dyarraba (firestick) cultural burning is the sustainble fire practice used to manage and heal ngurra (Country).
During dyarraba, buru (kangaroo) and Brush tailed possums are hunted, brought out by the fire.

02
SITE UNDERSTANDING

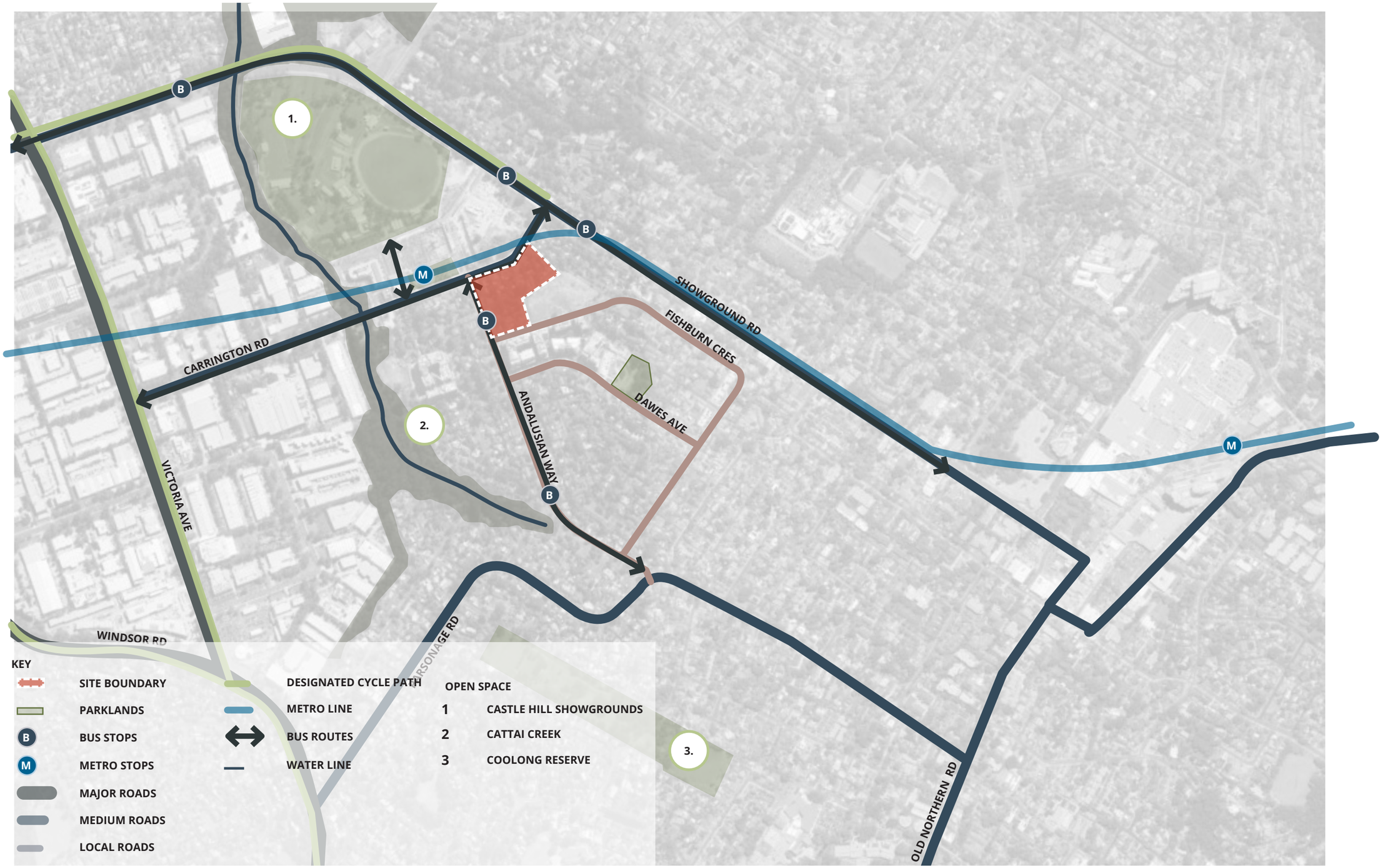
Contextual Analysis
Regional Context



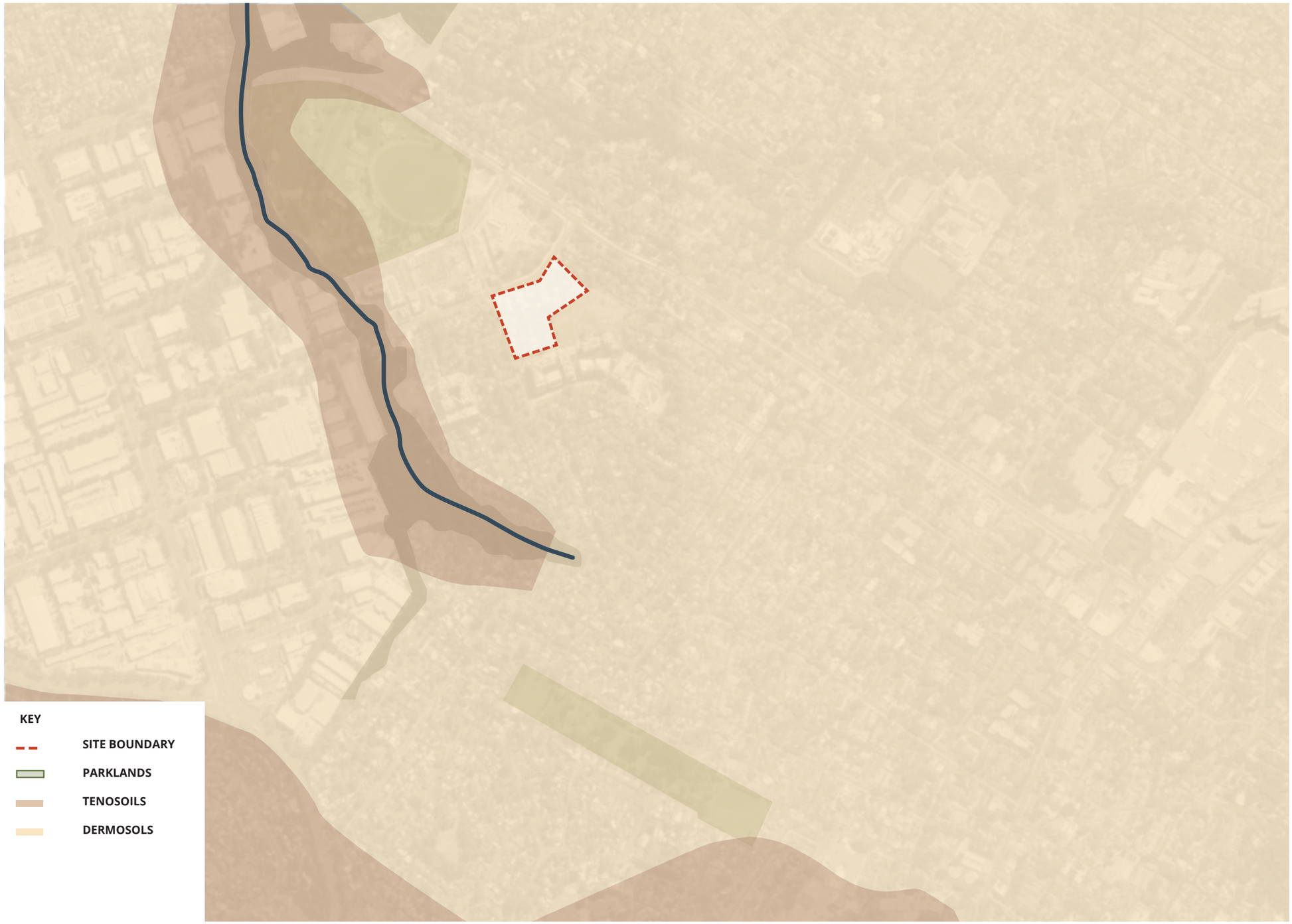
LEGEND

- LGA CASTLE HILLS
- SITE
- PARKLANDS
- LOCAL CENTRES
- METRO STOPS
- HIGHWAY
- METRO LINE
- WATER LINE

Contextual Analysis
Local Context

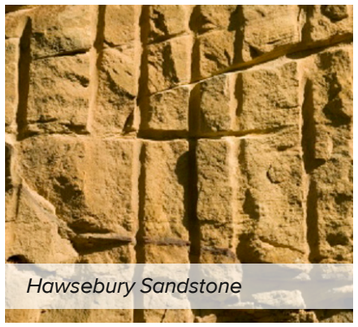


Contextual Analysis
Geology



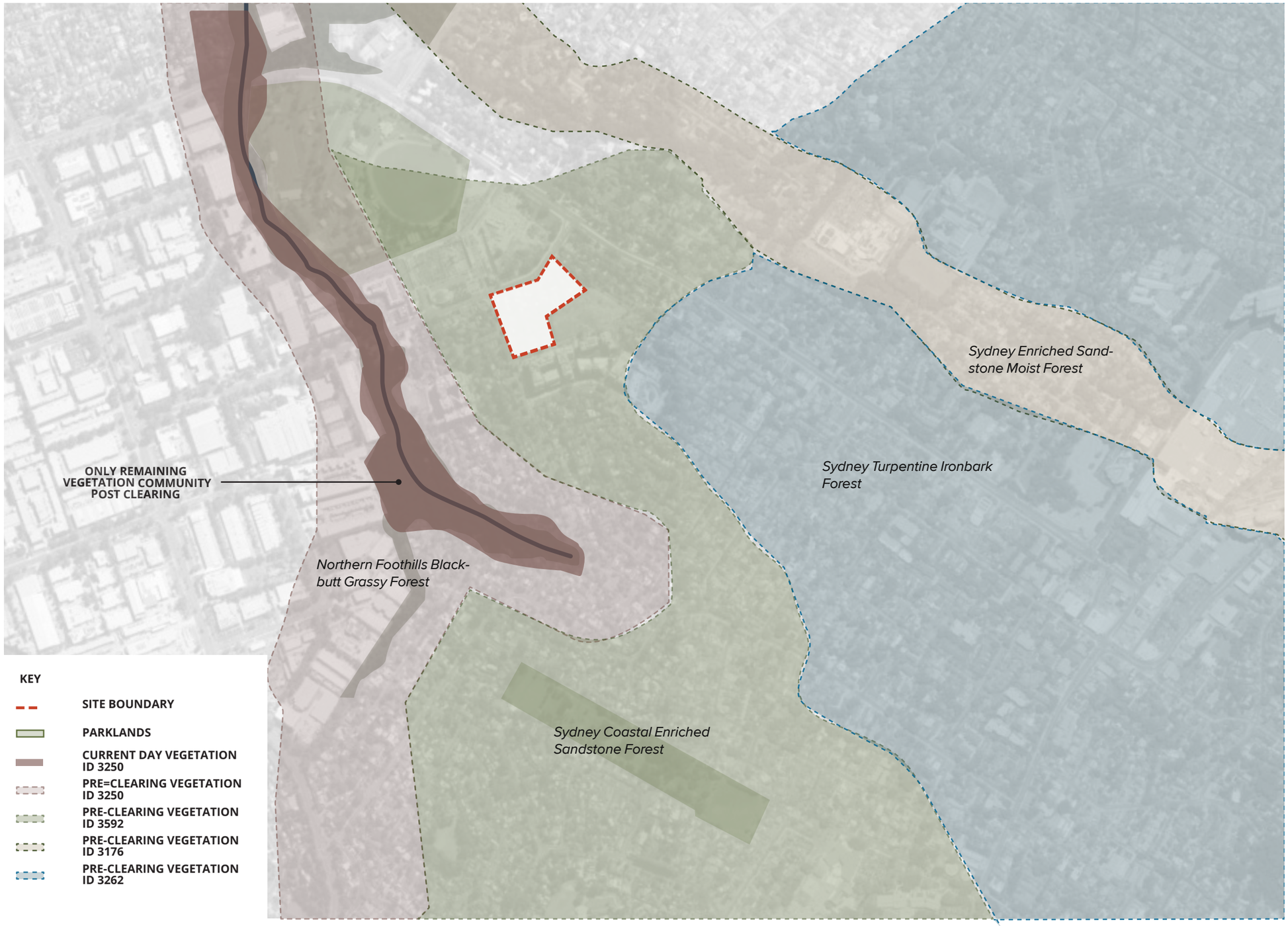
Key Geological Formations


Alluvial Soils


Hawsebury Sandstone


Bringelly Shale

Contextual Analysis
Ecological Communities



Key Ecological Communities


Sydney Coastal Enriched Sandstone Forest


Northern Foothills Blackbutt Grassy Forest


Sydney Turpentine Ironbark Forest


Sydney Enriched Sandstone Moist Forest

History
Colonial History

Colonisation - Present

Castle hills was named by Governor King, after the expansive views the region afforded to the hills of the Blue Mountains and Great dividing range. First European Settlement in the area came with Captain Arthur Phillip in an exploratory trip in 1791. The first colonial land grant in the region was to a William Joyce in 1794 and to Matthew Pearce in 1795 - this land is today Kings Langley Farm.
In 1801, land was granted to a public agriculatural settlement, also known as "Goverment Farm", and Governer King had the land cleared by a band of convicts.
In 1804, Castle hill was the site of Sydney's only convict rebellion - the Castle Hill Rebellion with Irish convicts planning to escape from the colony via Sydney Harbour. Culminating in a battle at Vinegar Hill, the convics were ultimately defeated.
The region grew as an agricultural settlement, with the development of rail and road increasing traffic of settlers and business to the area. It became recognised for it's Citrus growing and was home to multiple successful orchards.

The Castle Hill Show

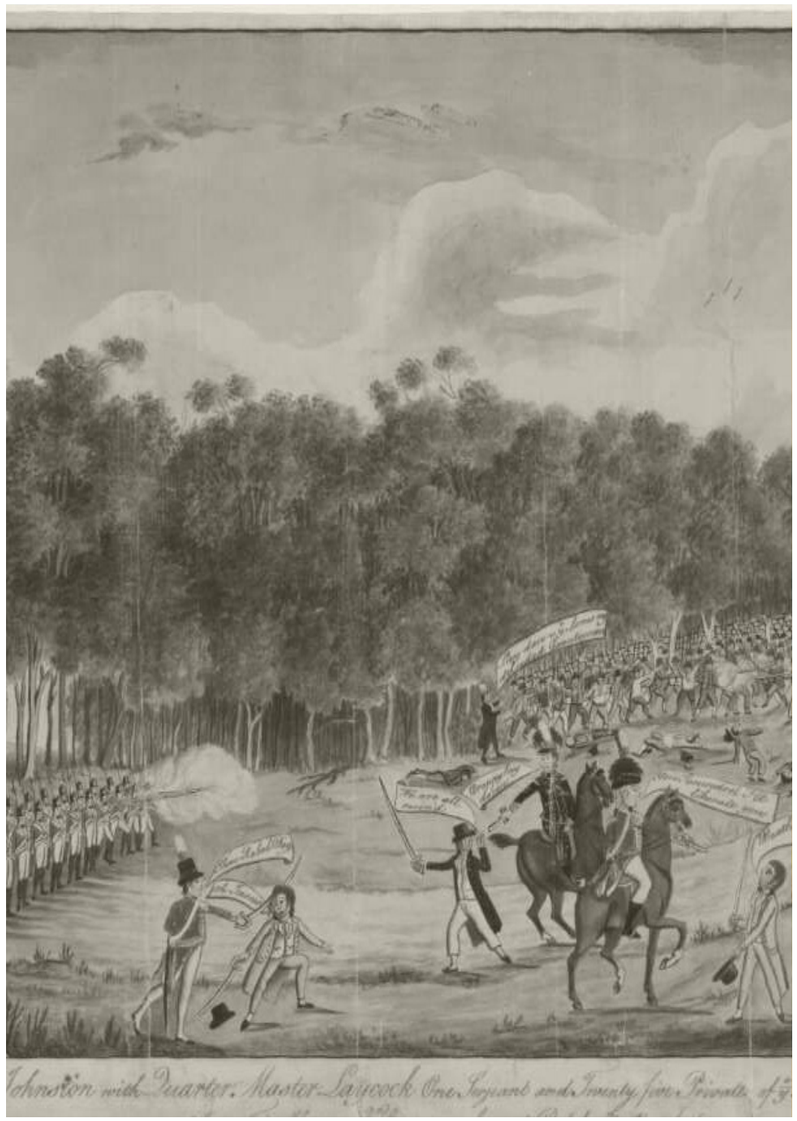
Near to our project site, the Castle Hill showgrounds are a reminder of the regions booming agricultural history. The Castle Hill show began in 1880s and by 1886 had become a place to showcase the districts finest agricultural produce. Exhibits of fruit and vegetables grown by local farmers were displayed at Rogans hill, now part of the anglican reitrement villages. The show was a key social event and became a highlight of the community agenda.
In 1891 the show moved to the site we know today as Castle Hill Showgrounds, remaining a staple of the yearly social calendar in the region even throughout WW1.
From the 1940's the show was recognised as second to only the Royal Easter Show and brought visitors from all accross NSW.

Today the Castle Hill Sow is run by volunteers and is testament to the sense of community and support that maintained this cities success throughout many decades.





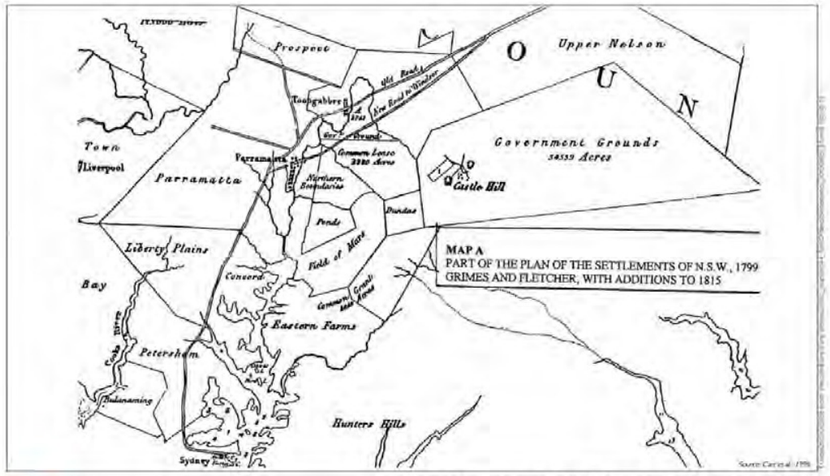




History
Site History and Evolution

Key milestones in site development

1799/1815



Part of the plan of the settlements of NSW 1799 Grimes and Fletcher, with additions to 1815
North West Rail Link Early Works
Archaeological Assessment and Research Design - Old Windsor Road to White Hart Drive
Figure 2.1

Old regional boundaries show Castle Hill established as a settlement of NSW.

1840



Bemi's Castle Hill Parish Map 1840s
North West Rail Link Early Works
Archaeological Assessment and Research Design - Old Windsor Road to White Hart Drive
Figure 2.2

Parish map shows the establishment of the original rail link throughout the region, increasing connectivity and with it industry and population.

1896

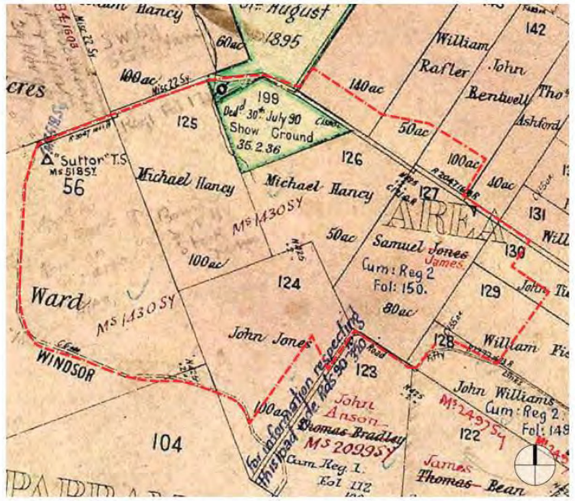


Figure 2.1 Parish Map from 1896 showing the Precinct overlaid. The Castle Hill Showground is outlined in green and clearly marked. (Source: Department of Lands)

Parish map highlights original footprint of Castle Hill Showgrounds.

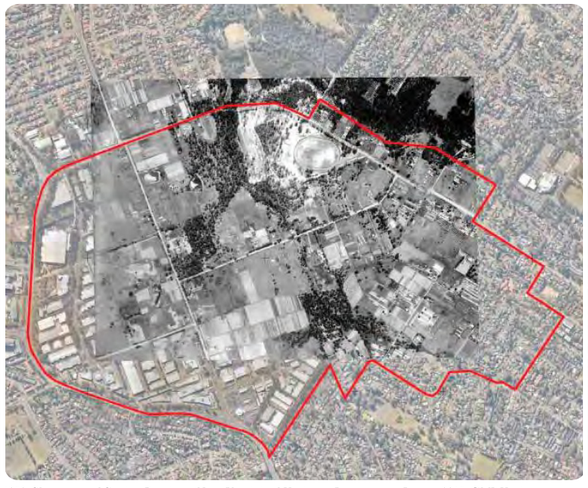
Historical aerial overlay

1930



1930, Showground Station Precinct - Non-Aboriginal Heritage Assessment, August 2015, GML Heritage

1956



1956, Showground Station Precinct - Non-Aboriginal Heritage Assessment, August 2015, GML Heritage

1978



1978, Showground Station Precinct - Non-Aboriginal Heritage Assessment, August 2015, GML Heritage

2017



2017, Googlemaps

Site Analysis
Local Character








Local Character

The site is positioned at the prominent corner of Carrington Road and Middleton Road, directly opposite the Castle Hill Metro station. Set within the heart of the Hills District, the area reflects a dynamic blend of old and new—characterised by contemporary multi-level residential developments alongside established family homes.

03
LANDSCAPE VISION

Landscape Vision

The landscape vision for the site aims to create a green, welcoming, and connected environment that reflects the evolving character of the Hills District. The design will blend contemporary planting with native species, shaded communal spaces, and pedestrian-friendly pathways. The landscape will prioritise sustainability through water-sensitive design, promote social interaction, and connect seamlessly to Castle Hill Metro, creating a vibrant development rooted in its local identity.

Landscape Principles



BLURRING LINES BETWEEN BUILT FORM & THE LANDSCAPE

/ Create a landscape design that seamlessly extends the built form language, creating a harmonious and integrated environment. Extending materiality and vegetation into the built form for continuity and visually opening up internal spaces to visually connect with the landscape.



PROMOTE VISUAL & PHYSICAL CONNECTIVITY

/ Provide a cohesive and well-connected landscape which responds and works with the complex topography of the site. Enhancing the journey from along Middleton Avenue and Carrington Road into the development and beyond.

/ Celebrate views into the wider landscape from internal environments. Creating vistas towards Cattai Creeks lush greenery.



DYNAMIC PROGRAMME

/ Promote private and public accessible spaces in the landscape. Enhance the welcoming experience at Sexton Avenue.

/ At ground level, provide diverse experiences, moments for rest and privacy, and flexible spaces, all interconnected by comfortable pathways

/ Create interconnected “outdoor rooms” of varying scale and use. Inviting residents to socialise or stay and enjoy the environment through vegetation



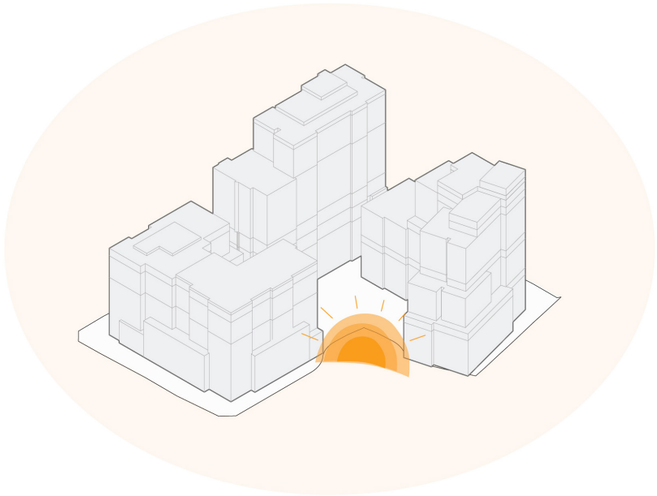
STRONG CONNECTION TO COUNTRY

/ The landscape shall incorporate native planting throughout. Revitalising the senses of being in country with elements of touch, smells and sight.

/ Celebrate the local ecology and heritage of the neighbourhood through incorporating indigenous materials for paving and cladding treatments.

/ Preserving key vegetation endemic to the site such as the Eucalyptus Saligna. and complement this with native planting.

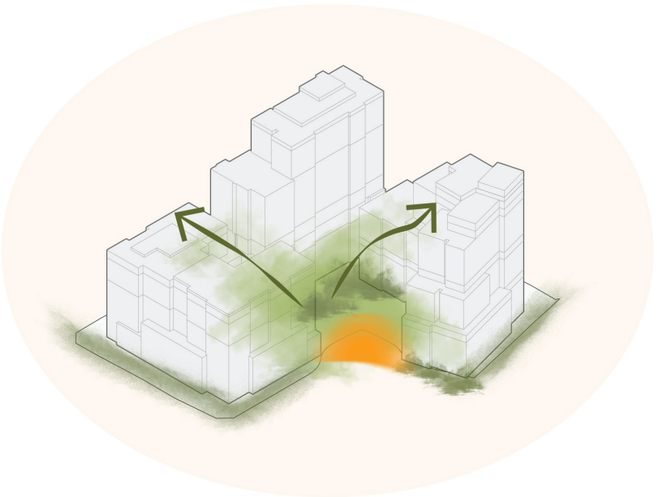
Landscape Strategies



WELCOMING ARRIVAL AND CIVIC SPACE



PERMEATING LANDSCAPE



CONTINUITY

Landscape Inspiration
Local Character



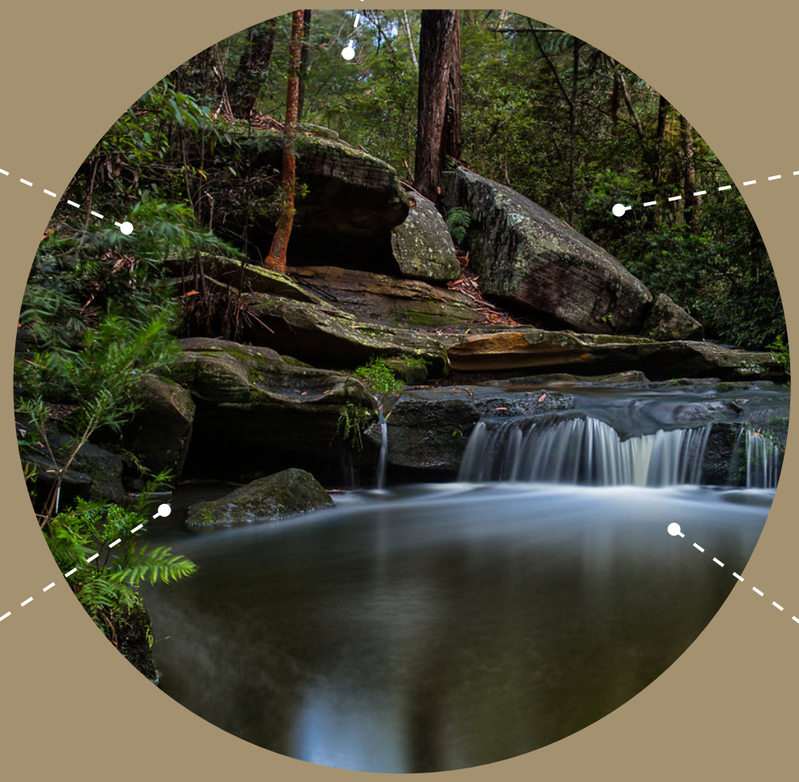


Repurpose: Furniture and play





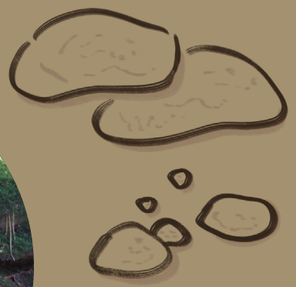
Mimicing existing canopy



CATTAI CREEK

Drawing inspiration from Cattai Creek as the main driver of landscape design. Creating a cohesive, holistic design throughout the site





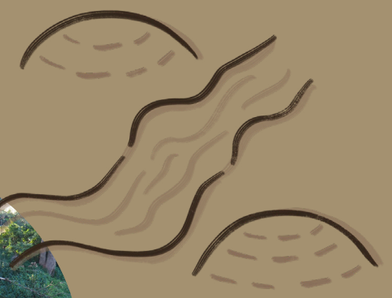
Sculpture-like natural forms



Softening of edges







Celebrating topography

Landscape Inspiration
Local Character

Incorporating cattai creek

/ Lush
/ Enclosed
/ Shaded

A seamless integration of the natural features and lush greenery of Cattai Creek. A juxtoposition of organic and man-made forms where the landscape not only complements but elevates the architectural design

ENRICHED WITH NATURAL CHARACTER



UNVEILING OF ARCHITECTURAL FORM













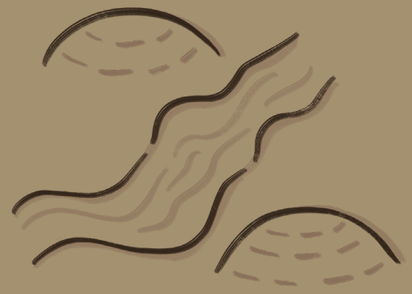
Landscape Inspiration
Design Translation



Softening of edges



Mimicing existing canopy



Celebrating topography



Repurpose: Furniture and Play



Sculpture-like natural forms



Dynamic pathways



Canopy shelter



Terrace garden beds



Seating element



Natural rocks as retaining wall



Undulating pool edge



Wayfinding



Mounding in children playground



Nature play element



Stepping stones

04

LANDSCAPE MASTERPLAN

Landscape Masterplan

Enhancing the journey and experience for residents and the neighboring community.

Inspired by the natural features of Cattai Creek and the lush Australian landscape.



1:600 @ A3 0 2 5 10 15 20m

ARCADIA

Masterplan Analysis
Tree Removal and Replacement Plan

Existing Trees to be removed

Existing Trees to be retained

Existing Tree Canopy Cover to be Retained
219.3m²

Proposal Tree Canopy Cover on Ground Floor
2,344.5 m²

Proposal Tree Canopy Cover on Rooftop
313.0 m²

Total Canopy Cover
2,876.5 m²

Total Site Area
14,258m²

Canopy Cover Percentage
20.2%

Item	Total Number
Trees to be removed	29
Trees to be retained	14
Trees proposed	154
Tree replacement ratio(trees removed / trees proposed)	1: 5.3



FISHBURN CRESCENT

1:600 @ A3

0 2 5 10 15 20m

ARCADIA

Soil Depth Diagram - GF

Legend

- Deep Soil
- 200mm Soil Depth (structural setdown)
- 400-500mm Soil Depth (structural setdown)
- 600mm Soil Depth
- 1000mm Soil Depth
- Basement Extend

Total Site Area:
14,258m²

Deep Soil Area
3,242 m²

Deep Soil percentage: 23%



1:600 @ A3 0 2 5 10 15 20m

ARCADIA

Soil Depth Diagram - Rooftops

Legend

1000mm Soil Depth (including 100mm structural setdown)

900mm Soil Depth (800mm raised planter with 100mm structural setdown)



1:600 @ A3

0 2 5 10 15 20m

ARCADIA

Masterplan Analysis
Spatial Programme

Legend

Public Domain Interface
New amenity feature planting
New amenity feature trees

Internal Courtyard
Large breakout flex lawn
Passive garden seating nooks
Feature pool
Play area
Terraced planting

Communal Rooftops
High amenity rooftop space available to each buildings residents. BBQ, picnic and dining opportunities, as well as food production gardens, observation decks, intimate seating nooks and flex breakout space.

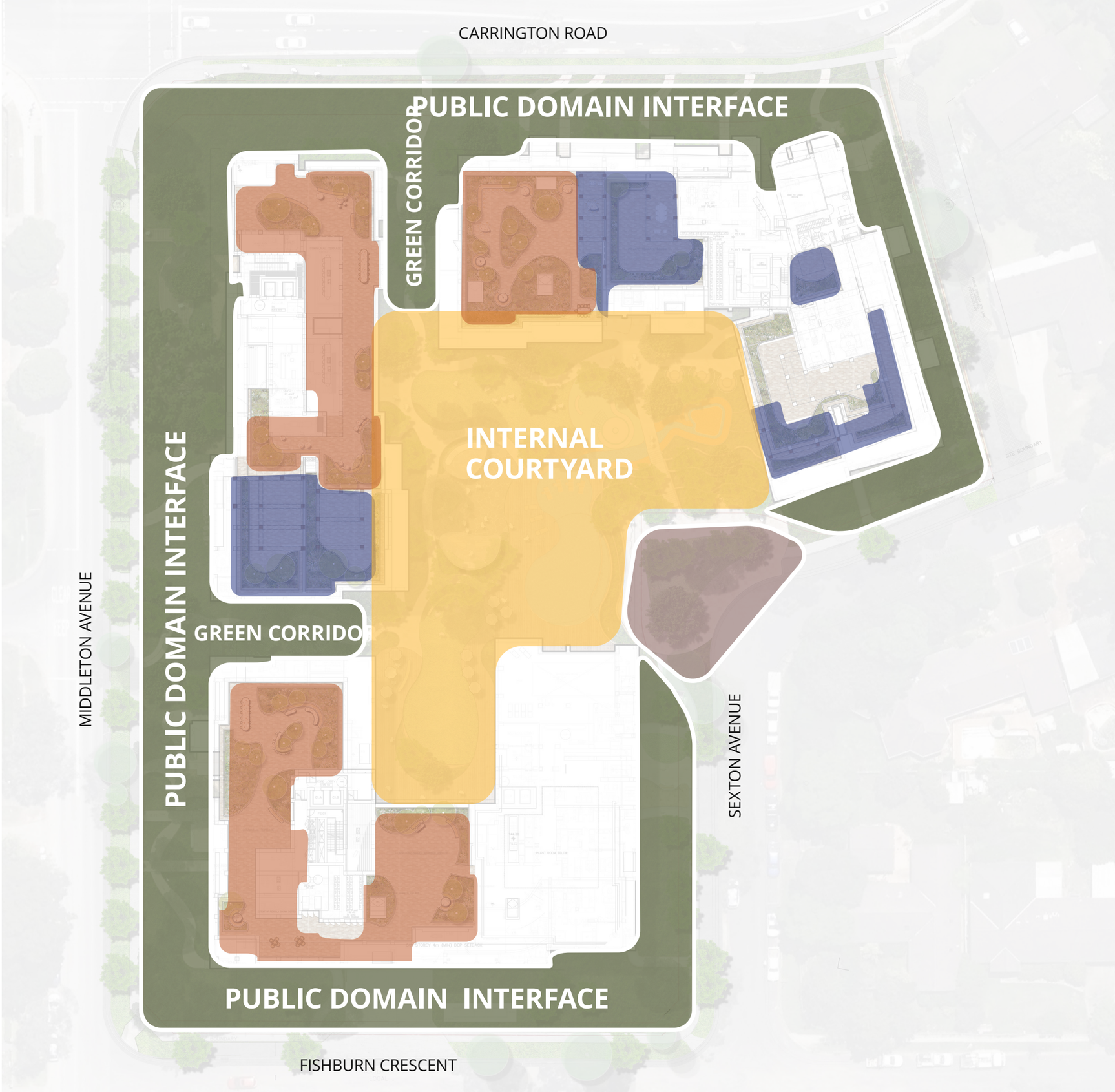
Public Domain Upgrade
New feature lawn space with seating
New amenity feature table and seat

Private Rooftops
Feature raised planter on private rooftop embodies exclusivity, luxury, and panoramic views, offering a versatile outdoor space for both relaxation and entertaining.

Total Site Area:
14,258m²

Ground Floor Communal Open Space Area:7,920m²
Rooftop Communal Open Space Area:1,961m²
Total Communal Open Space Area:9,881m²

Communal Open Space Area percentage: 69.3%



1:600 @ A3 0 2 5 10 15 20m

ARCADIA

Landscape Masterplan
GF Public Domain Interface









CARRINGTON ROAD

+99.73

+102.58

+97.00

+99.40

+102.60

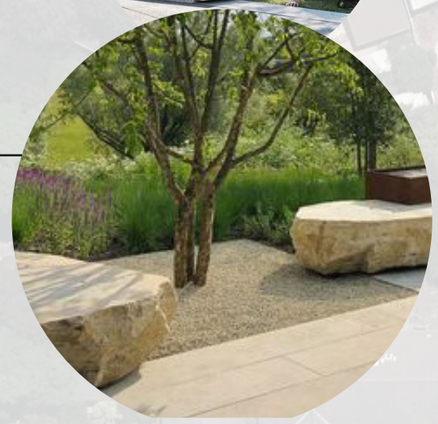
+99.44

+105.10



+100.89

MIDDLETON AVENUE



+101.40

SEXTON AVENUE

+101.70

+103.00

FISHBURN CRESCENT

1:600 @ A3 0 2 5 10 15 20m

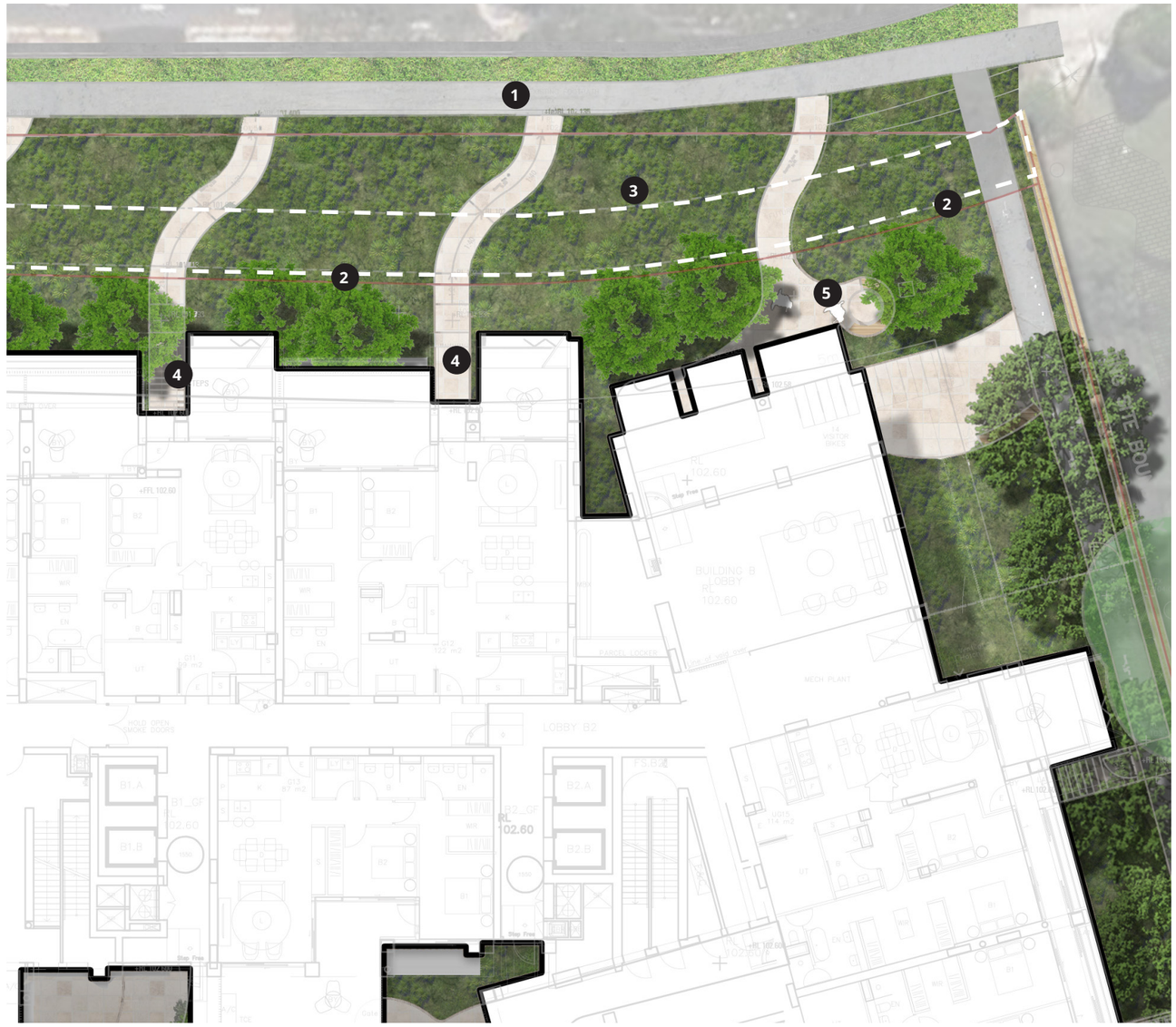
ARCADIA

Detail Plan
Carrington Road Inetrface

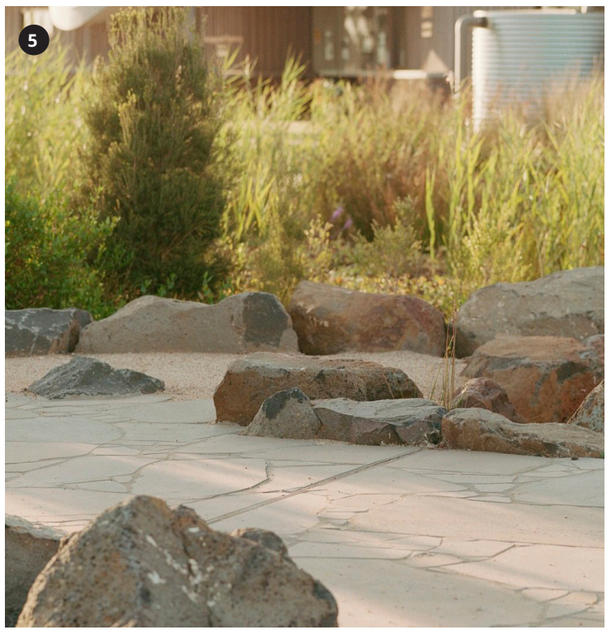


Legend

- Site boundary
- 1 Existing Footpath
- 2 Future Footpath
- 3 Lush Native Planting
- 4 Private Terrace Entries
- 5 Lobby Entry to Building B





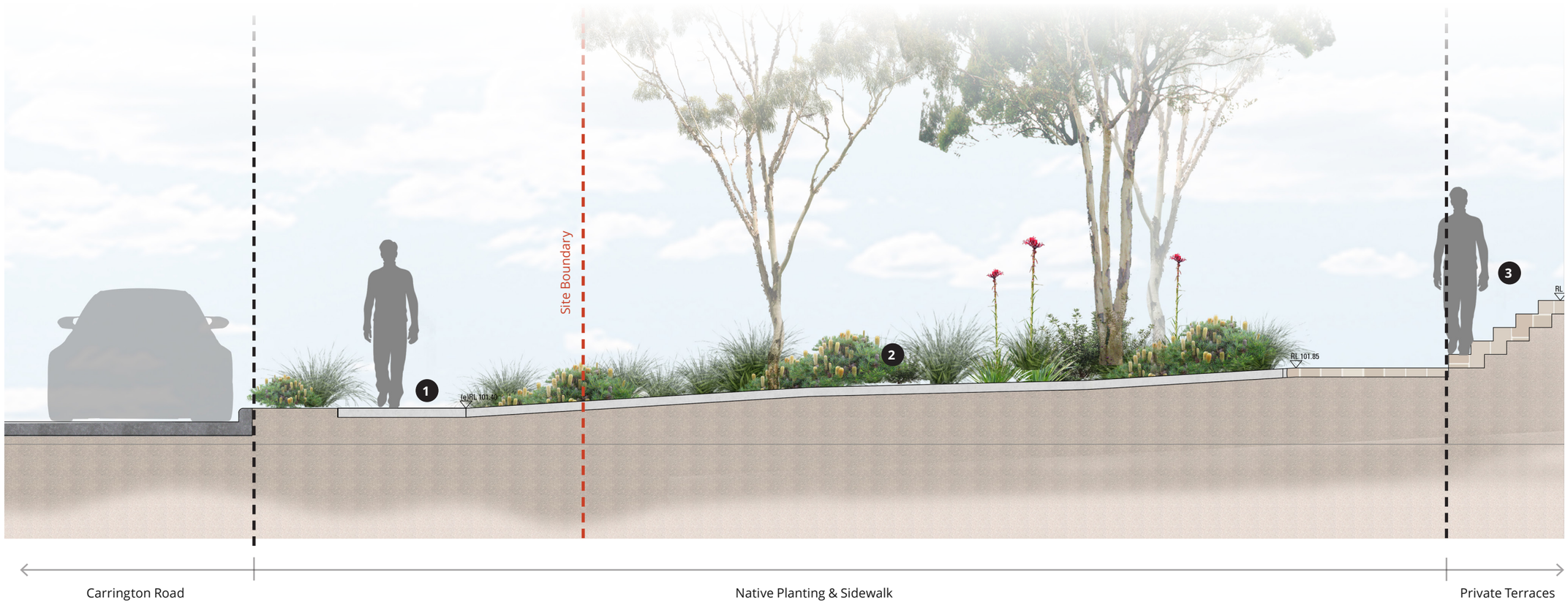


Landscape Section
Section A - Carrington Road



Legend

1. Existing Footpath
2. Lush Native Planting
3. Private Terrace Entry



ARCADIA

Detail Plan
Tower A Lobby



Legend

- Site boundary
- 1 Seating Areas
- 2 Decking Area
- 3 Feature Seating Lounge
- 4 Lobby Access
- 5 Existing Trees









Detail Plan
Green Corridor

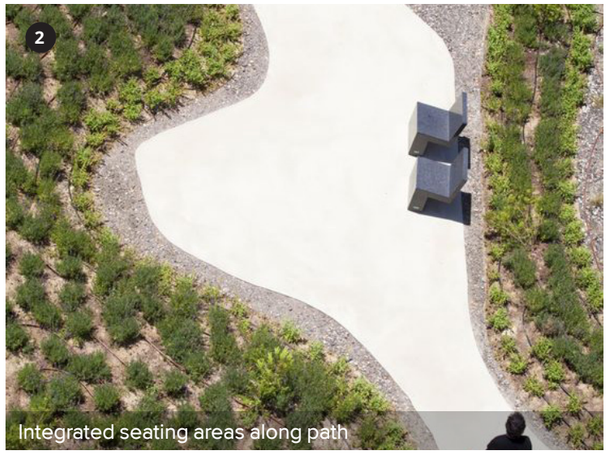


Legend

- Site boundary
- 1 Swale
- 2 Integrated seating areas along path
- 3 Feature fern planting







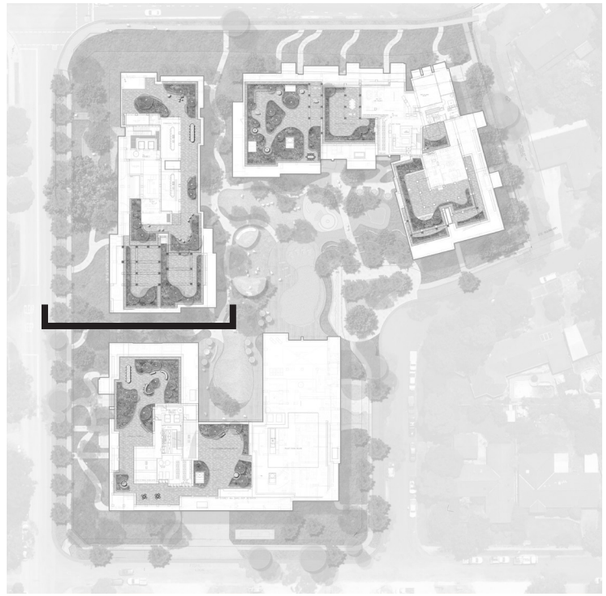
1:300 @ A3 0 1 2 4 8 12m

ARCADIA

Landscape Section
Section B - Middleton Ave Entry

Legend

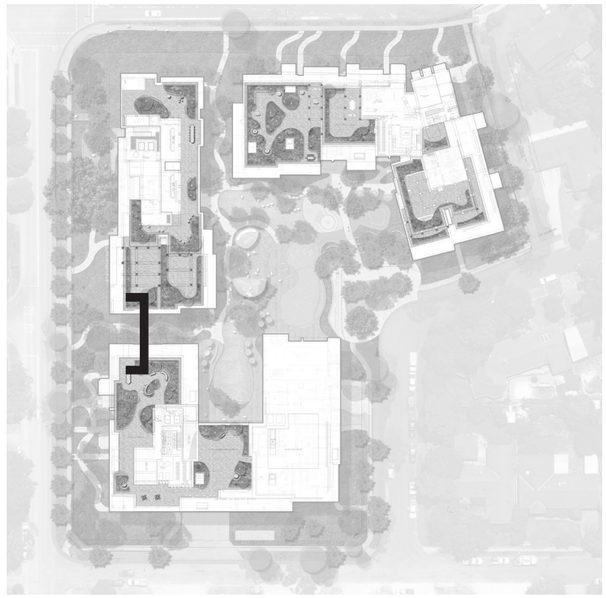
1. Entry garden
2. Lush Native Planting
3. Courtyard canopy





1:150 @ A3 0 0.5 1 2 4 6m ARCADIA

Landscape Section
Section C - Middleton Ave Entry



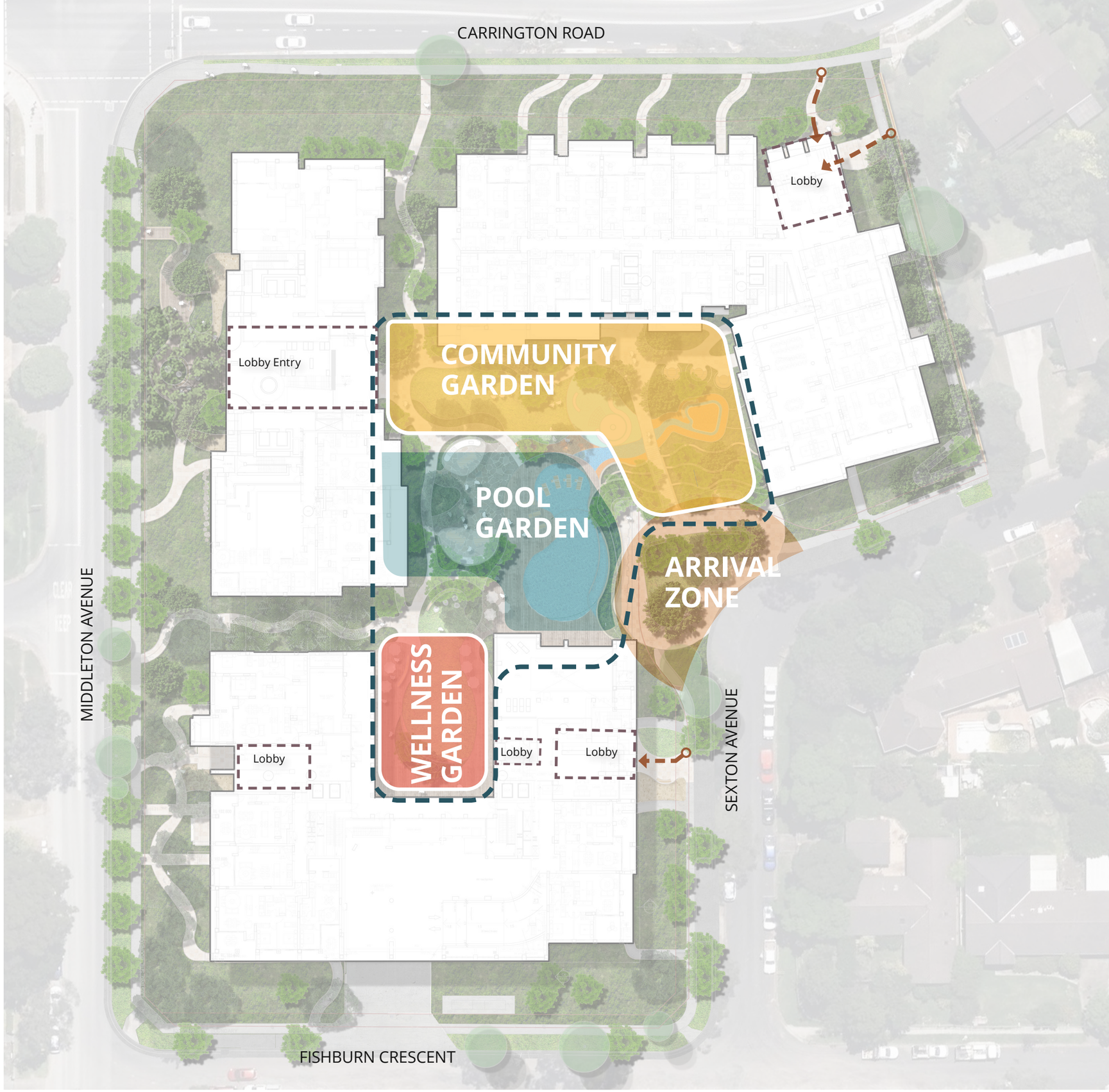


1:50 @ A3

0 0.75 1.5 3m

ARCADIA

Landscape Masterplan
Central Courtyard

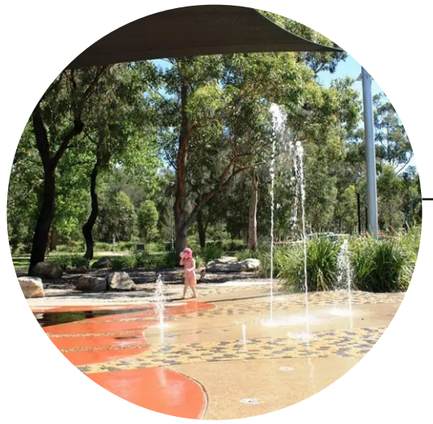


1:600 @ A3

0 2 5 10 15 20m

ARCADIA

Landscape Masterplan
Central Courtyard





CARRINGTON ROAD

MIDDLETON AVENUE

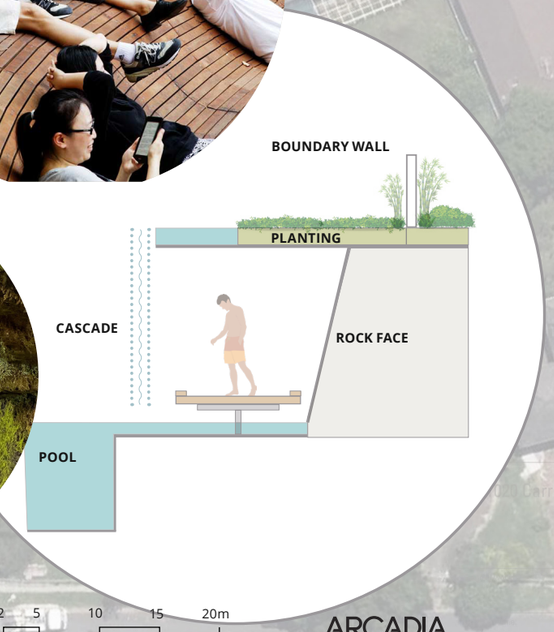
FISHBURN CRESCENT

+102.58









1:600 @ A3

0 2 5 10 15 20m

ARCADIA

Detail Plan
Pool Garden



Legend

- Site boundary
- 1 Main Pool Area
- 2 Shallow Pool Area
- 3 Feature Pavilion
- 4 Lounge Deck
- 5 Outdoor Seating Area





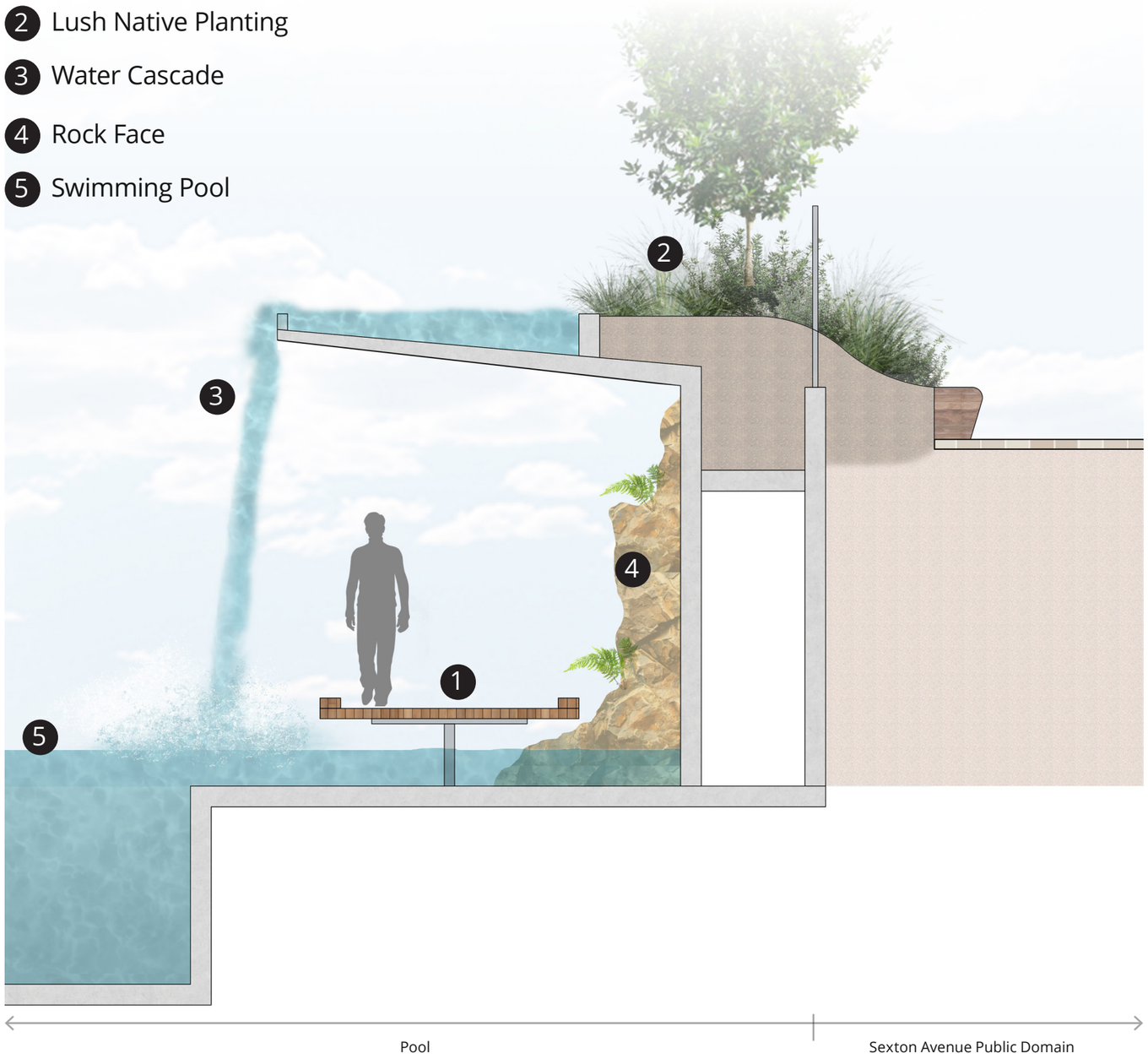


1:300 @ A3 0 1 2 4 8 12m

ARCADIA

Landscape Section
Section D - Pool Interface

1. Raised Decking
2. Lush Native Planting
3. Water Cascade
4. Rock Face
5. Swimming Pool





1:50 @ A3

0 0.75 1.5 3m

ARCADIA

Detail Plan
Communal BBQ and Grand Lawn



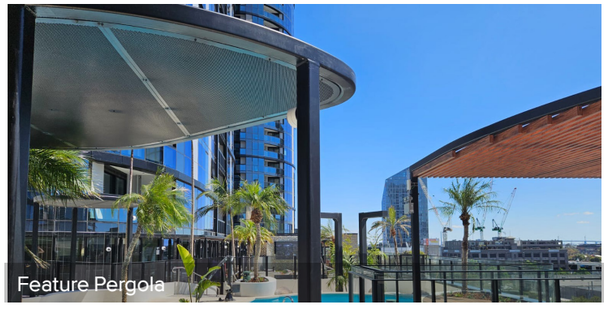
Legend

- Site boundary
- 1 Open Lawn
- 2 Covered Seating Area
- 3 Moveable Furniture
- 4 BBQ Facilities
- 5 Amenities with Feature Pergola
- 6 Pool Deck




Flexible Lawn Space


BBQ and Dining

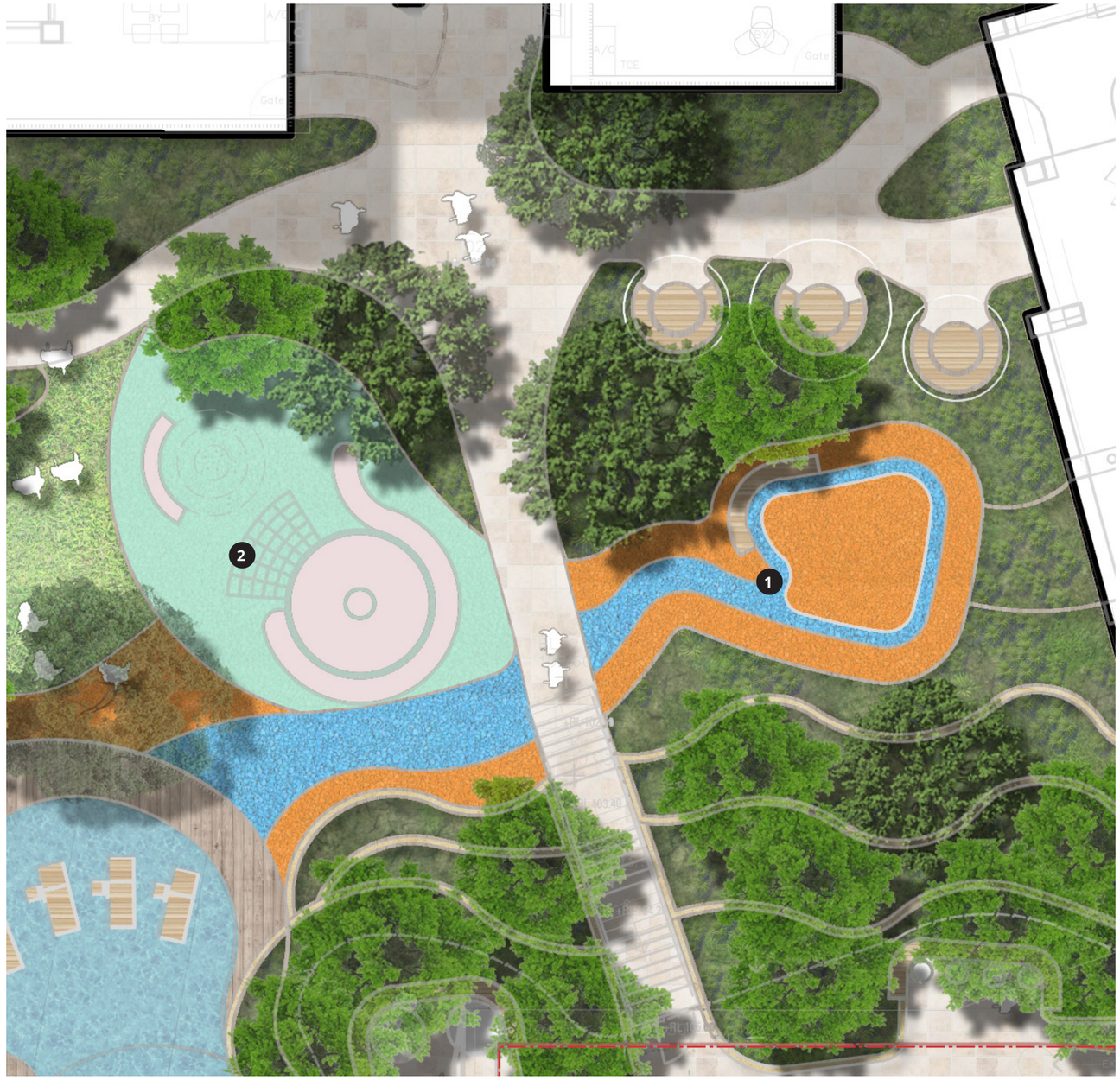

Feature Pergola

Detail Plan
Play Area



Legend

- Site boundary
- 1 Interactive Water Play
- 2 Softfall + Play Equipment







Landscape Section
Section E - Play Interface



1. Rock Boulders
2. Lush Native Terraced Planting
3. Interactive Water Play
4. Soft Fall Area



1:75 @ A3

0 0.75 1.5 3m

ARCADIA

Landscape Masterplan
Rooftops







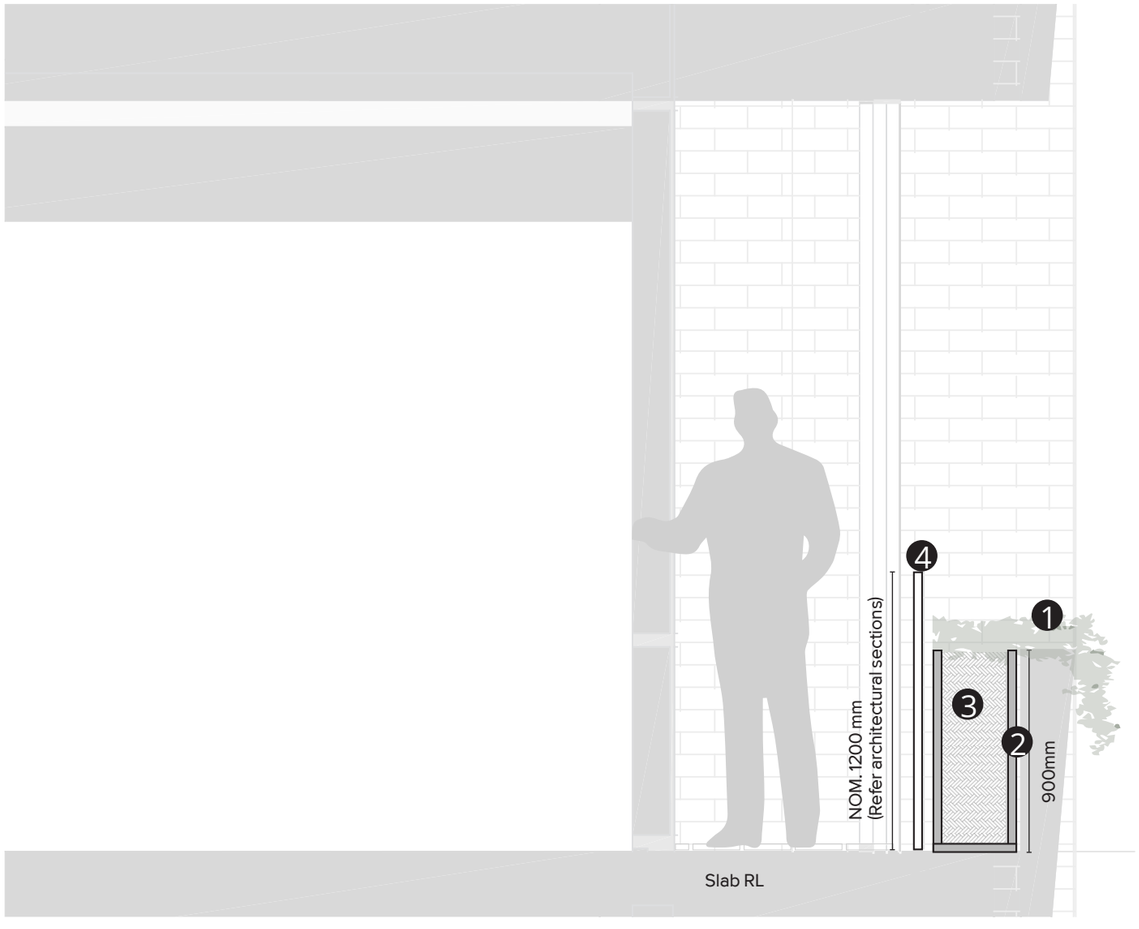




Landscape Section
Typical Section - Balcony Planter Box

1. Cascading Plants
2. Integrated GRC Planter (refer Architect's detail)
3. Light Weight Soil Mix
4. Balcony Balustrade (refer Architect's detail)





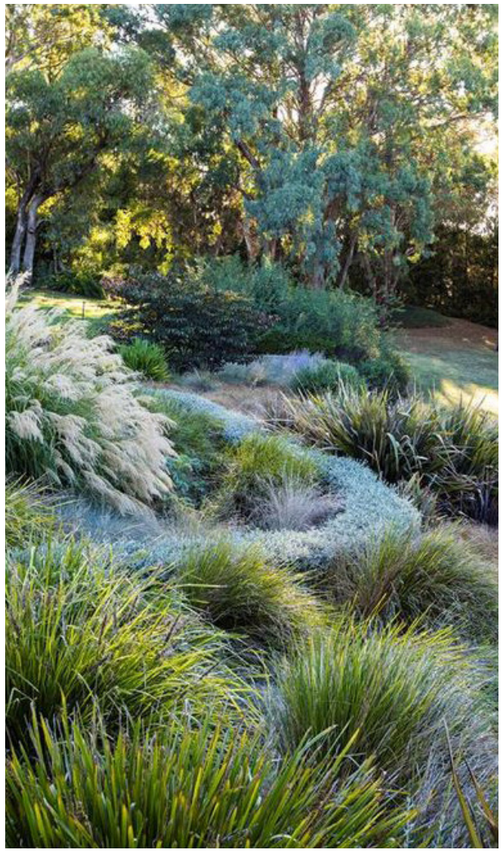
ARCADIA

05
LANDSCAPE STRATEGIES

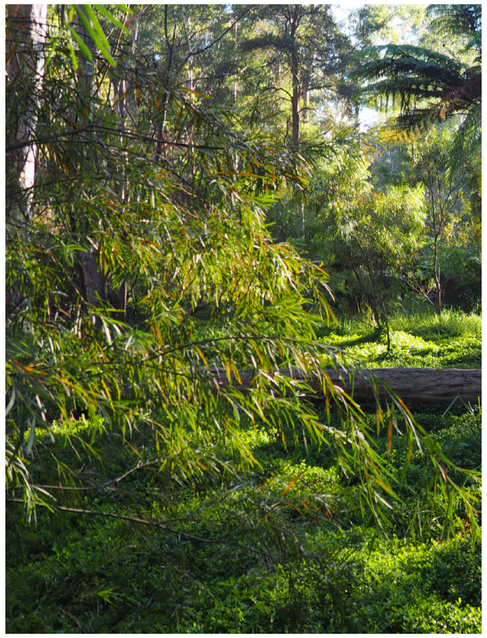
Planting
Look and Feel

















Planting Palette
Native Edge / Courtyard

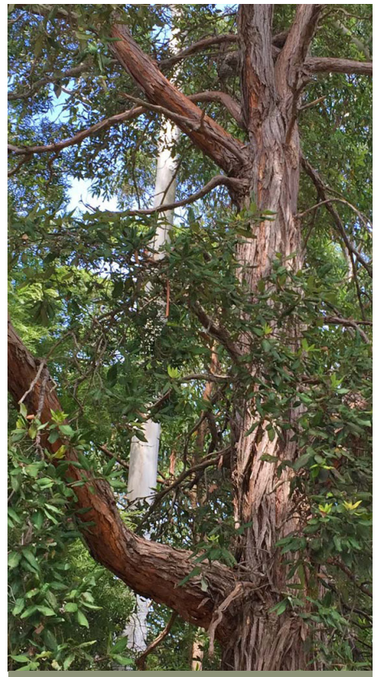
Trees


Eucalyptus saligna


Eucalyptus pilularis


Corymbia maculata


Angophora costata

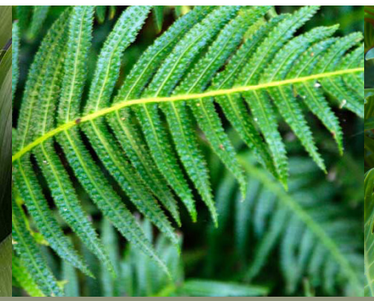

Cordyline australis


Angophora floribunda


Melaleuca quinquenervia

Ferns + Shrubs


Aspidistra elatior


Doodia aspera

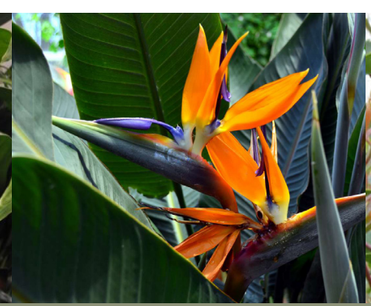

Philodendron Xanadu

Accents


Asplenium nidus


Monstera deliciosa


Spathiphyllum wallisii


Stelirzia nicolai

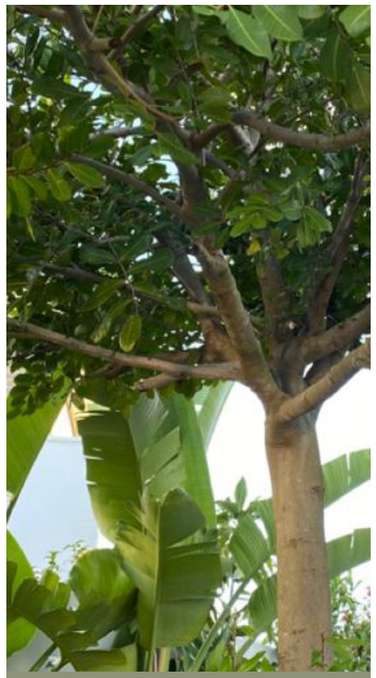

Hakea salicifolia


Lomandra longifolia

Planting Palette
Native Edge / Courtyard

Trees


callistemon viminalis


Cupaniopsis anacardioides

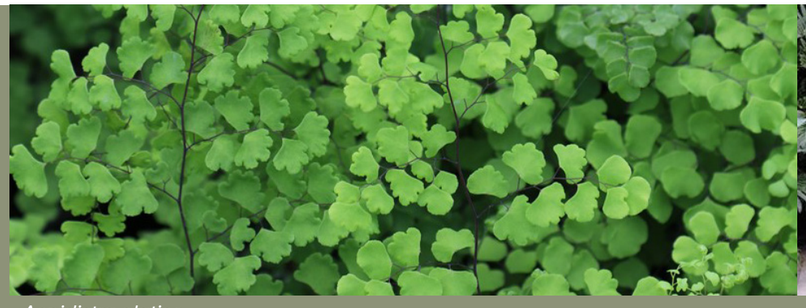

Waterhousea floribunda

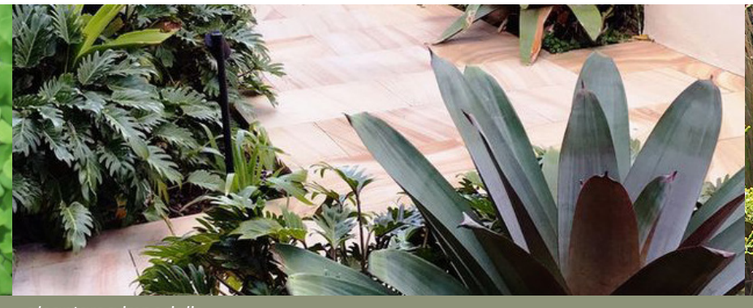

Banksia Serata


Elaeocarpus reticulatus

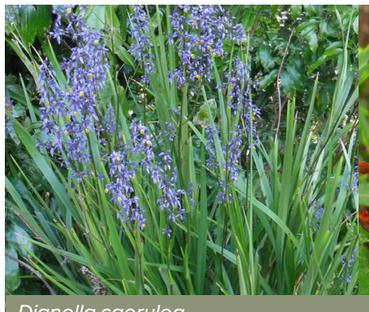

Yucca elephantipes

Ferns + Shrubs


Aspidistra elatior

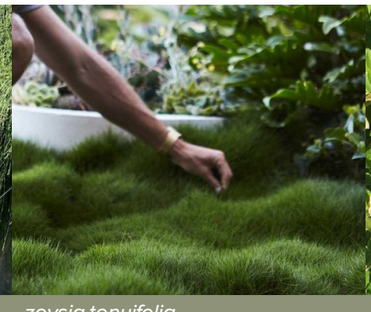

alcantarea imperialis

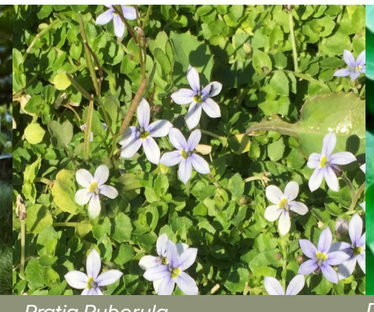

poa liberia


Dianella caerulea


grevillea longifolia


Casuarina glauca


zoysia tenuifolia


Pratia Puberula


Dichondra repens

ARCADIA