Attachment 9

Revised Landscape Plan set

Aspect Studios

ST LEONARDS SOUTH. LOT 18,19&20 EAST QUARTER

DEVELOPMENT APPLICATION
LANDSCAPE DRAWING LIST

DRAWING LIST

LA-000	COVER SHEET
LA-100	SITE CONTEXT PLAN
LA-101	GENERAL ARRANGEMENT PLAN - GROUND PLANE - RIVER ROAD
LA-102	GENERAL ARRANGEMENT PLAN - GROUND PLANE - GREEN SPINE
LA-103	GENERAL ARRANGEMENT PLAN - ROOF TERRACE- BASEMENT 01
LA-104	GENERAL ARRANGEMENT PLAN - ROOF TERRACE- LEVEL 01
LA-105	GENERAL ARRANGEMENT PLAN - ROOF TERRACE- LEVEL 02
LA-106	GENERAL ARRANGEMENT PLAN - ROOF TERRACE- LEVEL 03
LA-107	GENERAL ARRANGEMENT PLAN - ROOF TERRACE- LEVEL 05
LA-108	GENERAL ARRANGEMENT PLAN - ROOF TERRACE- LEVEL 06
LA-109	GENERAL ARRANGEMENT PLAN - ROOF TERRACE- LEVEL 07
LA-110	GENERAL ARRANGEMENT PLAN - ROOF TERRACE- LEVEL 08
LA-111	GENERAL ARRANGEMENT PLAN - ROOF TERRACE- LEVEL 09
LA-201	LEVELS PLAN - GROUND PLANE - RIVER ROAD SHEET 01
LA-202	LEVELS PLAN - GROUND PLANE - RIVER ROAD SHEET 02
LA-203	LEVELS PLAN - GROUND PLANE - GREEN SPINE SHEET 01
LA-204	LEVELS PLAN - GROUND PLANE - GREEN SPINE SHEET02
LA-205	LEVELS PLAN - GROUND PLANE - GREEN SPINE SHEET03
LA-301	PLANTING PALETTE
LA-302	PLANTING ZONES - GROUND PLANE - OVERALL
LA-401	LANDSCAPE DIAGRAM - TREE MANAGEMENT
LA-402	LANDSCAPE DIAGRAM - DEEP SOIL ZONE
LA-403	LANDSCAPE DIAGRAM - MATURE TREE CANOPY COVERAGE
LA-404	LANDSCAPE DIAGRAM - SOFTSCAPE & HARDSCAPE RATIO
LA-405	LANDSCAPE DIAGRAM - IRRIGATION ZONE
LA-406	LANDSCAPE DIAGRAM - SOIL VOLUME
LA-501	LANDSCAPE SECTIONS - SECTION A-A' (GREEN SPINE SECTION)
LA-502	LANDSCAPE SECTIONS - SECTION B-B' (THROUGH SITE LINK SECTION)
LA-503	LANDSCAPE SECTIONS - SECTION C-C'
LA-504	LANDSCAPE SECTIONS - SECTION D-D' & E-E'
LA-601	TYPICAL DETAILS - SOFTSCAPE SHEET 01
LA-602	TYPICAL DETAILS - SOFTSCAPE SHEET 02
LA-603	TYPICAL DETAILS - HARDSCAPE SHEET 01
LA-701	LANDSCAPE NOTES

NOTES / KEY PLAN

DATE	REV	AMENDMENTS
11/04/2022	1	ISSUE FOR INFORMATION
26/04/2022	2	ISSUE FOR INFORMATION
06/05/2022	3	ISSUE FOR DA
04/10/2022	4	ISSUE FOR DA

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PROJECT SYD20112
ST LEONARDS SOUTH, EQ
LOT 18,19&20

CLIENT
GREATON
CREATING YOUR PLACE

NORTH **SCALE A1 | SCALE A3** **DRAWN** KL | SL **CHECKED** AW

Do not scale - use dimensions & callouts on drawings & schedules.
Refer discrepancies to Landscape Architect for clarification.

STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
COVER SHEET

DRAWING NO. LA-000 **REVISION** 4



LEGEND

GENERAL

- SITE BOUNDARY

GRADING AND LEVELS

- 1:21 — PROPOSED FALL / GRADIENT
- + RL 0.00 — PROPOSED LEVELS
- + TW 0.00 — PROPOSED TOP OF WALLS LEVELS
- + EX 0.00 — EXISTING LEVLES

MATERIALS & SURFACES

- COMMUNITY AND CIRCULATION SPACE I STONE PAVER
- GATHER & OUTDOOR WORKSHOP SPACE I STONE PAVER
- CHILDREN'S PLAY I SOFTFALL RUBBER
- NATURE PLAY I MULCH SOFTFALL
- CONNECTION TO TERRACE I STEPPING STONES

FURNITURE AND FIXTURES

- STAIRS I WITH HANDRAILS & TACTILES
- RAMPS I STONE PAVER
- RETAINNING WALL I SANDSTONE
- SHADE STRUCTURE I TIMBER OR ALUMINIUM POWDER COATED STEEL FRAME
- BBQ I BBQ COOKTOPS WITH HOOD
- BENCH I TIMBER BENCH
- PICNIC SET I TABLES & CHAIRS
- BIKE PARKING I BIKE RACKS

SOFTSCAPE LANDSCAPE WORKS

- TURF I ON STRUCTURE
- MASS PLANTING BED I ON GRADE/ ON STRUCTURE
- RAIN GARDEN I ON GRADE
- PLANTER BOXES I ON STRUCTURE

- EXISTING TREES TO BE RETAINED AND PROTECTED
- PROPOSED TREES I LARGE TREE
- PROPOSED TREES I MEDIUM TREE
- PROPOSED TREES I SMALL TREE

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NORTH | **SCALE A1** 1:500 | **SCALE A3** 1:1000 | **DRAWN** KL | SL | **CHECKED** AW

0 10 20 40M

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STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
SITE CONTEXT PLAN

DRAWING NO. LA-100

REVISION 4

KEY

01. Ramped walkway access from existing bus stop
02. Egress access
03. Proposed FHBC location (refer architecture drawing)
04. Lobby entrance
05. Stepping stone access to private courtyard
06. Proposed substation location (refer architecture drawing)
07. Terraced landscape (with screening shrub, and cascade planting along terraced retaining walls)

POCKET PARK

BERRY ROAD

BLOCK A

BLOCK B

BLOCK D

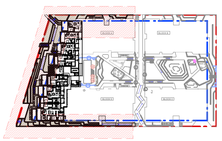
BLOCK C

RIVER ROAD

POCKET PARK

HOLDSWORTH AVENUE

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NORTH | **SCALE A1** 1:200 | **SCALE A3** 1:400 | **DRAWN** KL | SL | **CHECKED** AW

0 5 10 15M

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STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
GENERAL ARRANGEMENT PLAN
GROUND PLANE - RIVER ROAD

DRAWING NO. LA-101

REVISION 4

LEGEND

01. Lobby entrance
02. Through site link
03. Gate entrance & proposed fence
04. Community lounge (with shelter, picnic setting & BBQ)
05. Kids play space
06. WSUD rain garden
07. Stepping stone to private courtyard
08. Swimming pool (with kids paddle pool, water lounge. stepping stone crossing and water cascade)
09. Pool fence & gate
10. Raised garden bed with seating
11. Proposed mechanical intake for basement (refer architecture drawing)
12. Outdoor working space
13. Community plaza to amenity space within building
14. Platform lift
15. Terraced turf relaxing node
16. Terraced sensory garden
17. Egress exit
18. Lawn space (spread out and kick-about)
19. Proposed exhaust (refer architecture drawing)

POCKET PARK

BERRY ROAD

BLOCK A

BLOCK B

BLOCK D

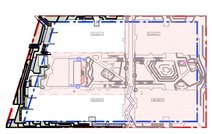
BLOCK C

RIVER ROAD

POCKET PARK

HOLDSWORTH AVENUE

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NORTH

SCALE A1 | SCALE A3
1:200 1:400

DRAWN CHECKED
KL | SL AW

0 5 10 15M

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STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
GENERAL ARRANGEMENT PLAN
GROUND PLANE - GREEN SPINE

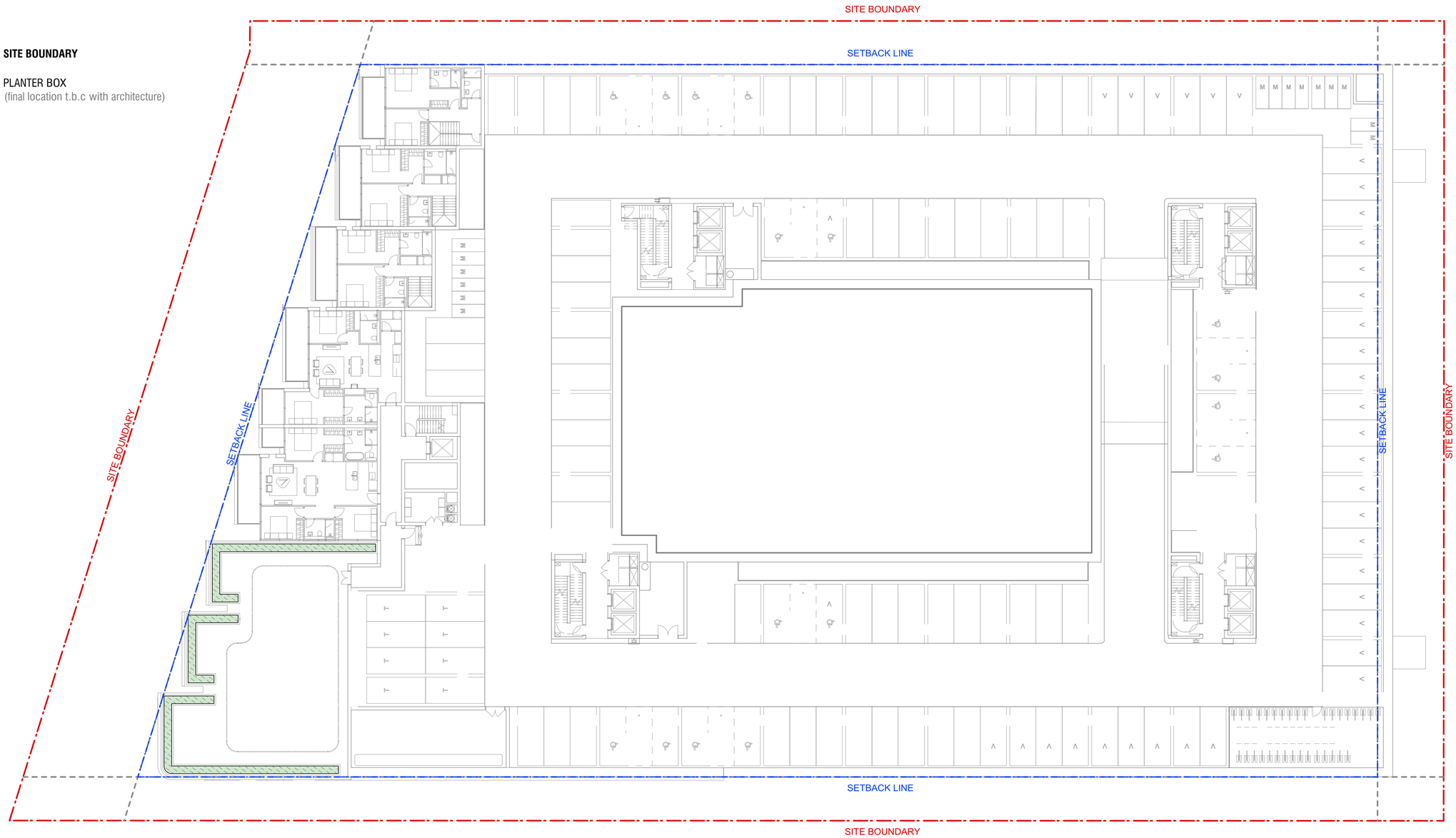
DRAWING NO. LA-102

REVISION 4

LEGEND

SITE BOUNDARY

PLANTER BOX
(final location t.b.c with architecture)



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NORTH

SCALE A1	SCALE A3	DRAWN	CHECKED
1:200	1:400	KL | SL	AW

0 5 10 15M

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STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
GENERAL ARRANGEMENT PLAN
ROOF TERRACE - BASEMENT 01

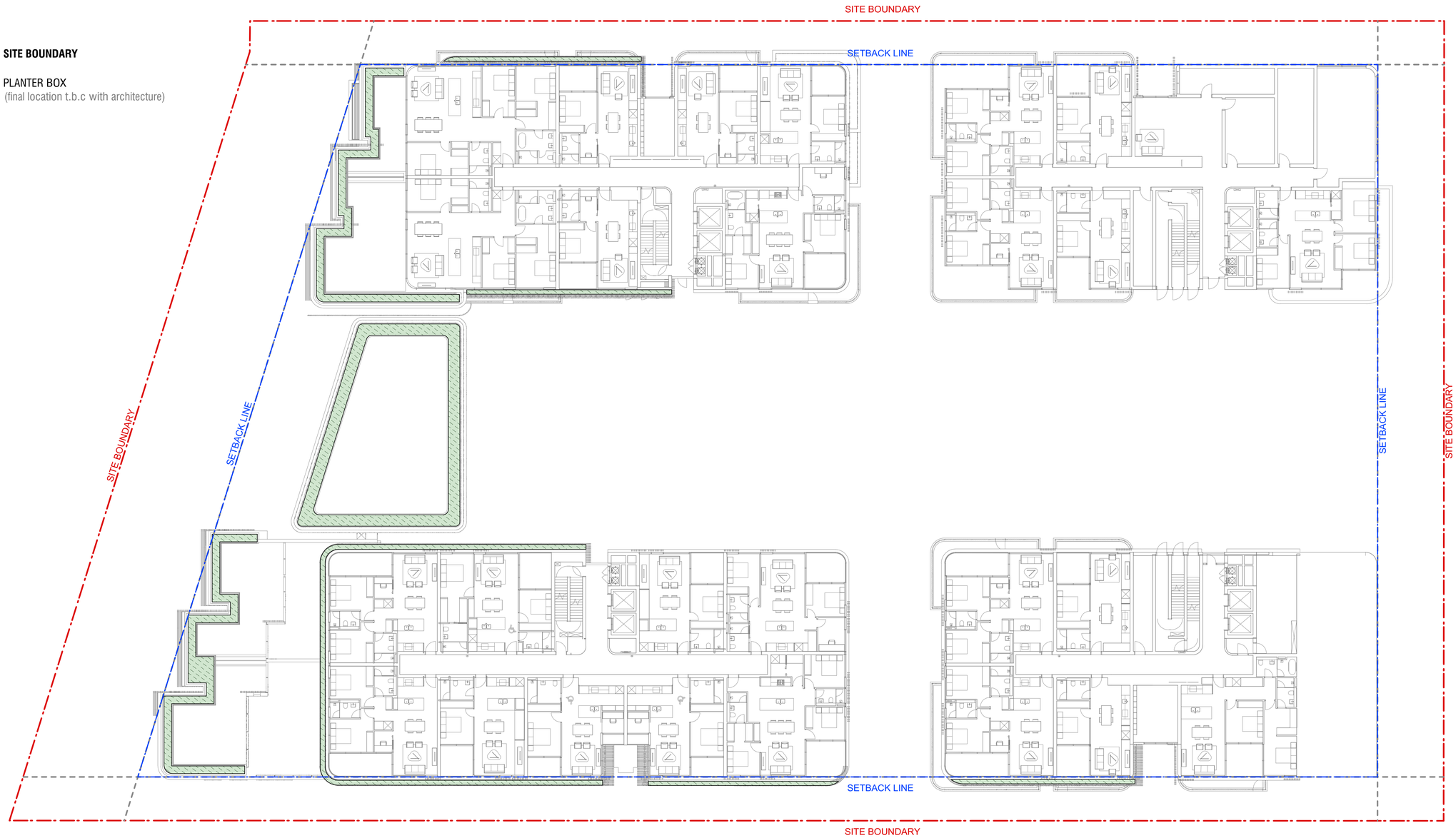
DRAWING NO. LA-103

REVISION 4

LEGEND

SITE BOUNDARY

PLANTER BOX
(final location t.b.c with architecture)



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NORTH | **SCALE A1** 1:200 | **SCALE A3** 1:400 | **DRAWN** KL | SL | **CHECKED** AW

0 5 10 15M

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STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
GENERAL ARRANGEMENT PLAN
ROOF TERRACE - LEVEL 01

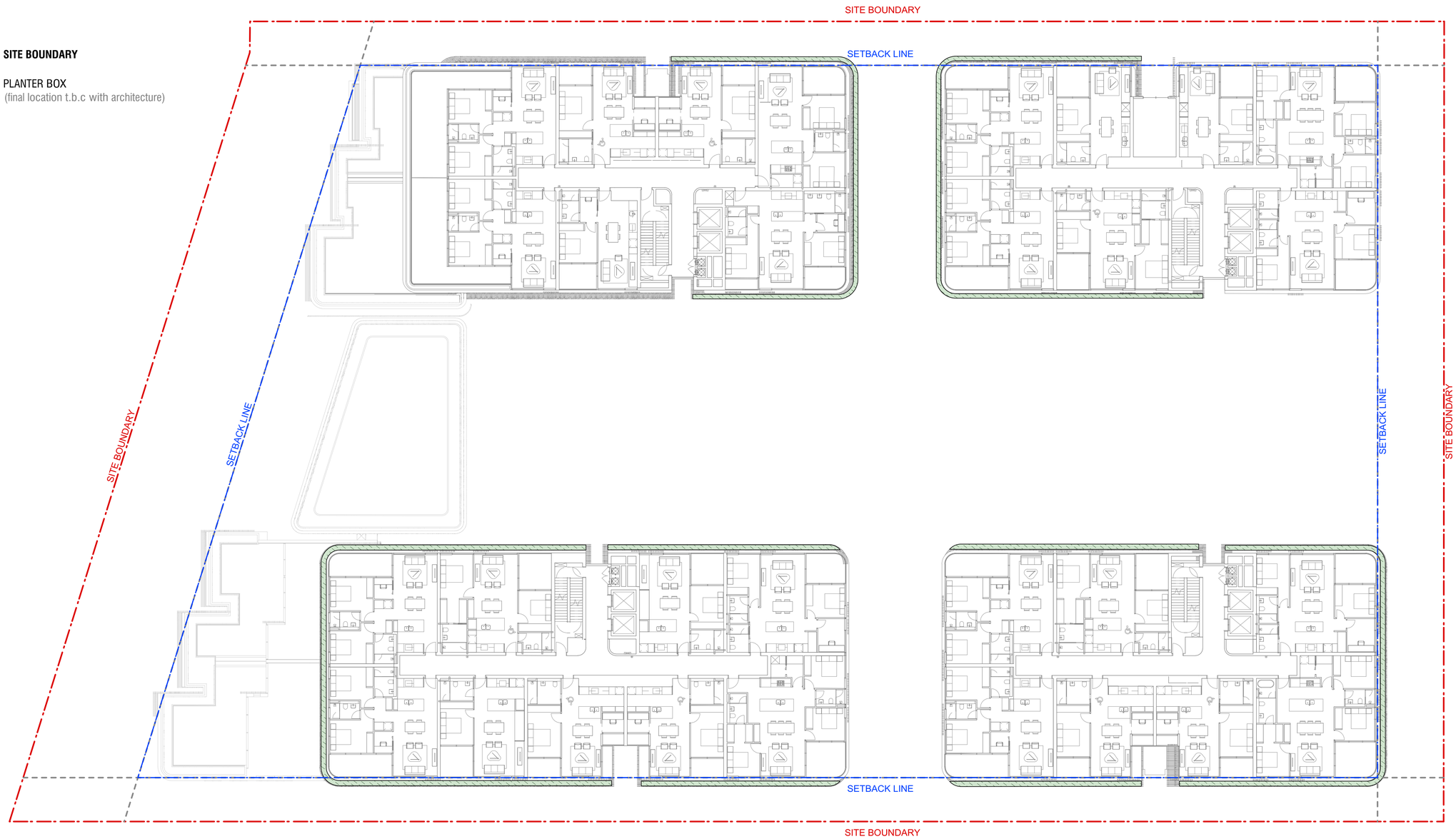
DRAWING NO. LA-104

REVISION 4

LEGEND

SITE BOUNDARY

PLANTER BOX
(final location t.b.c with architecture)



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NORTH | **SCALE A1** 1:200 | **SCALE A3** 1:400 | **DRAWN** KL | SL | **CHECKED** AW

0 5 10 15M

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PRELIMINARY
NOT FOR CONSTRUCTION

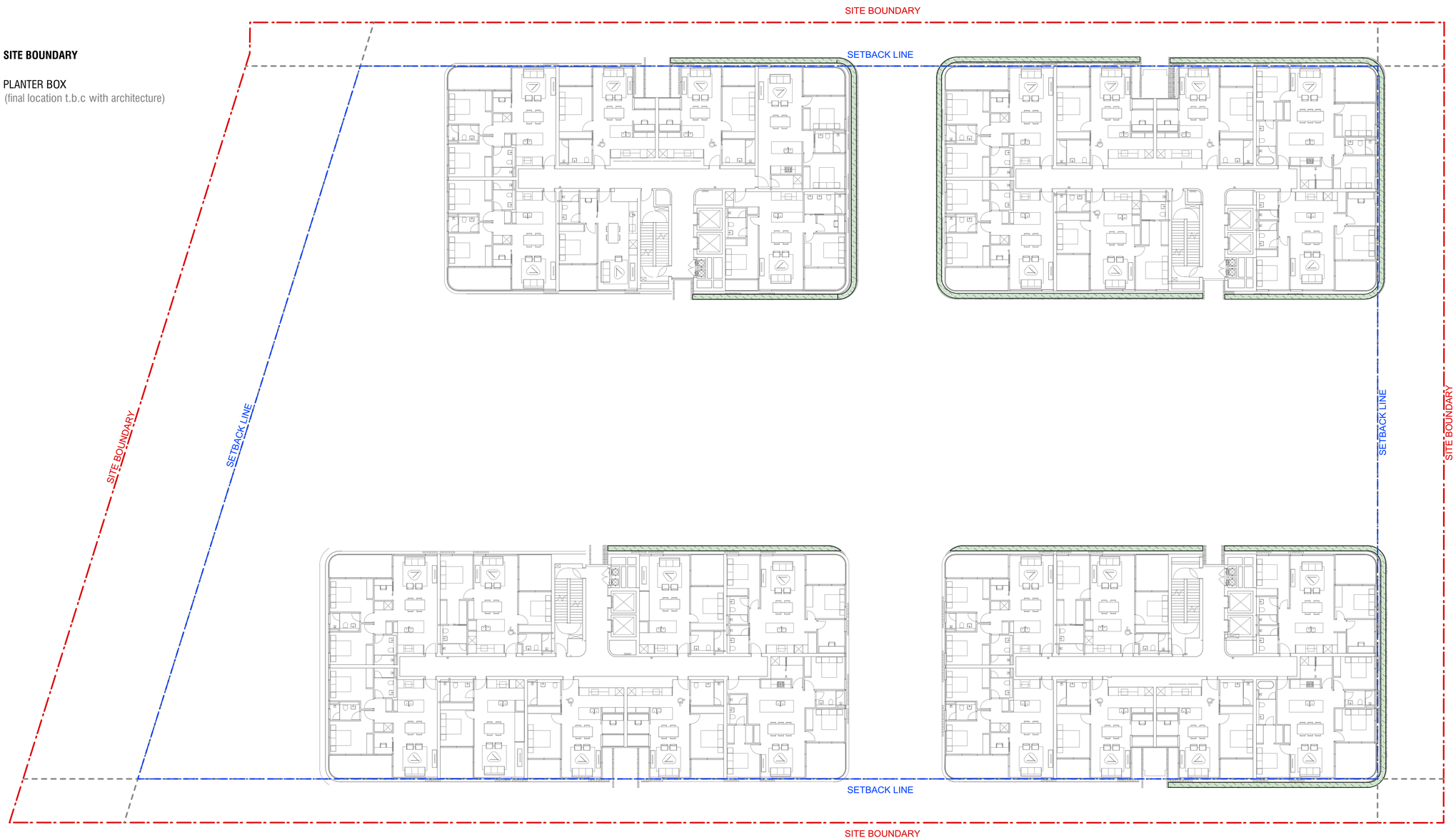
DRAWING
GENERAL ARRANGEMENT PLAN
ROOF TERRACE - LEVEL 02

DRAWING NO. LA-105 **REVISION** 4

LEGEND

SITE BOUNDARY

PLANTER BOX
(final location t.b.c with architecture)



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LOT 18,19&20

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NORTH | **SCALE A1** 1:200 | **SCALE A3** 1:400 | **DRAWN** KL | SL | **CHECKED** AW

0 5 10 15M

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STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
GENERAL ARRANGEMENT PLAN
ROOF TERRACE - LEVEL 03

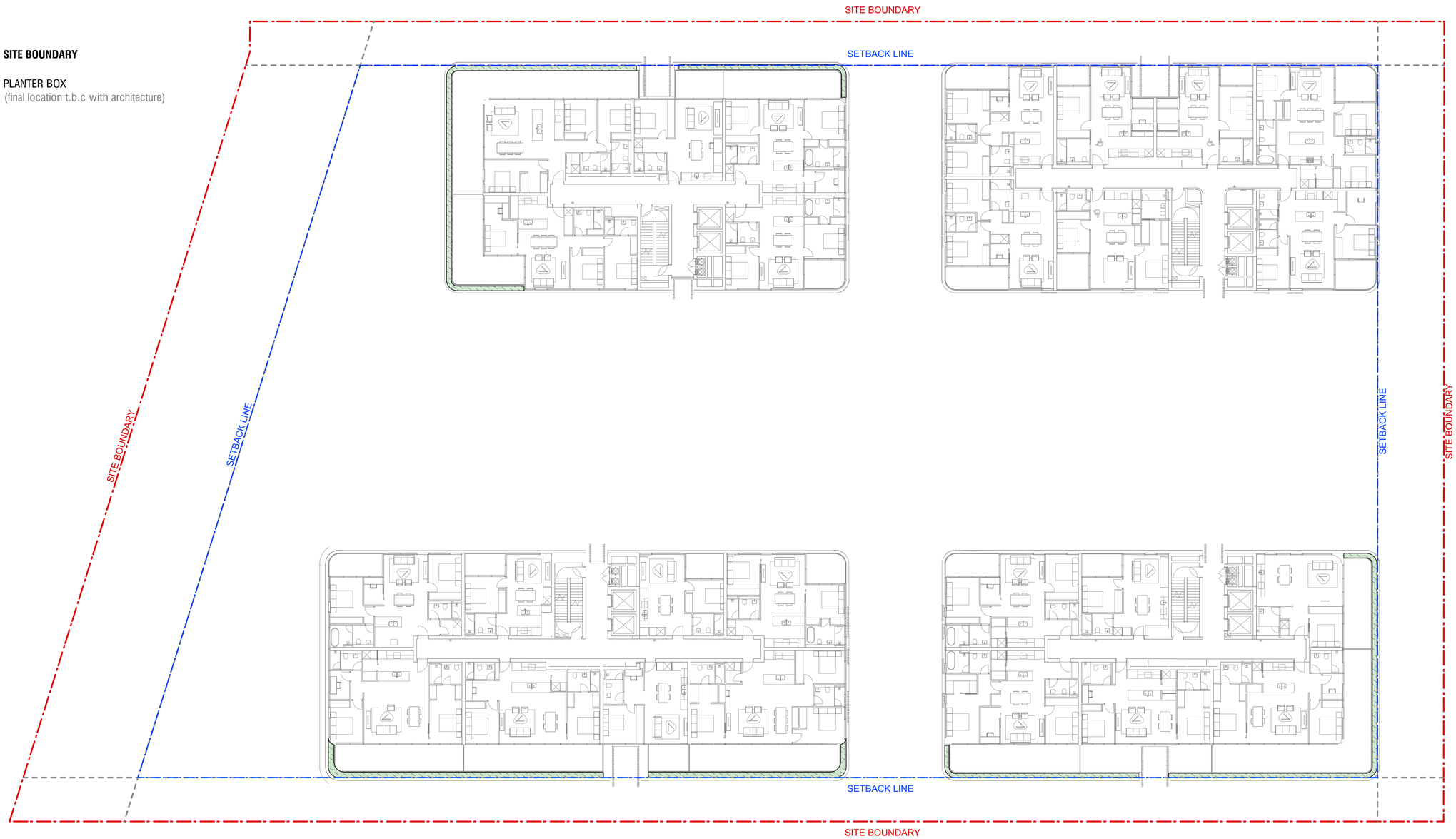
DRAWING NO. LA-106

REVISION 4

LEGEND

SITE BOUNDARY

PLANTER BOX
(final location t.b.c with architecture)



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NORTH | **SCALE A1** 1:200 | **SCALE A3** 1:400 | **DRAWN** KL | SL | **CHECKED** AW

0 5 10 15M

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STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
GENERAL ARRANGEMENT PLAN
ROOF TERRACE - LEVEL 05

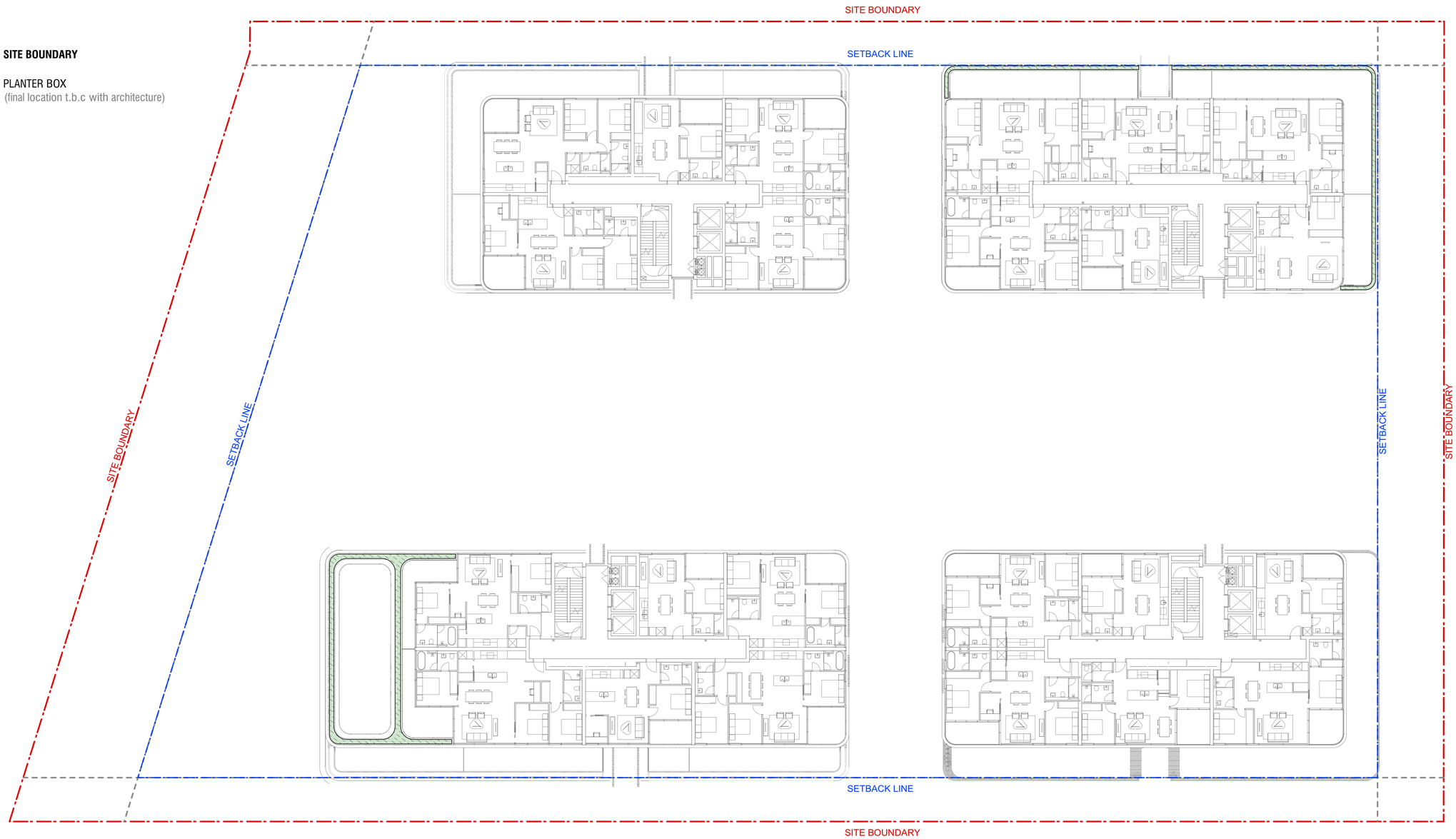
DRAWING NO. LA-107

REVISION 4

LEGEND

SITE BOUNDARY

PLANTER BOX
(final location t.b.c with architecture)



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NORTH | **SCALE A1** 1:200 | **SCALE A3** 1:400 | **DRAWN** KL | SL | **CHECKED** AW

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DRAWING
GENERAL ARRANGEMENT PLAN
ROOF TERRACE - LEVEL 06

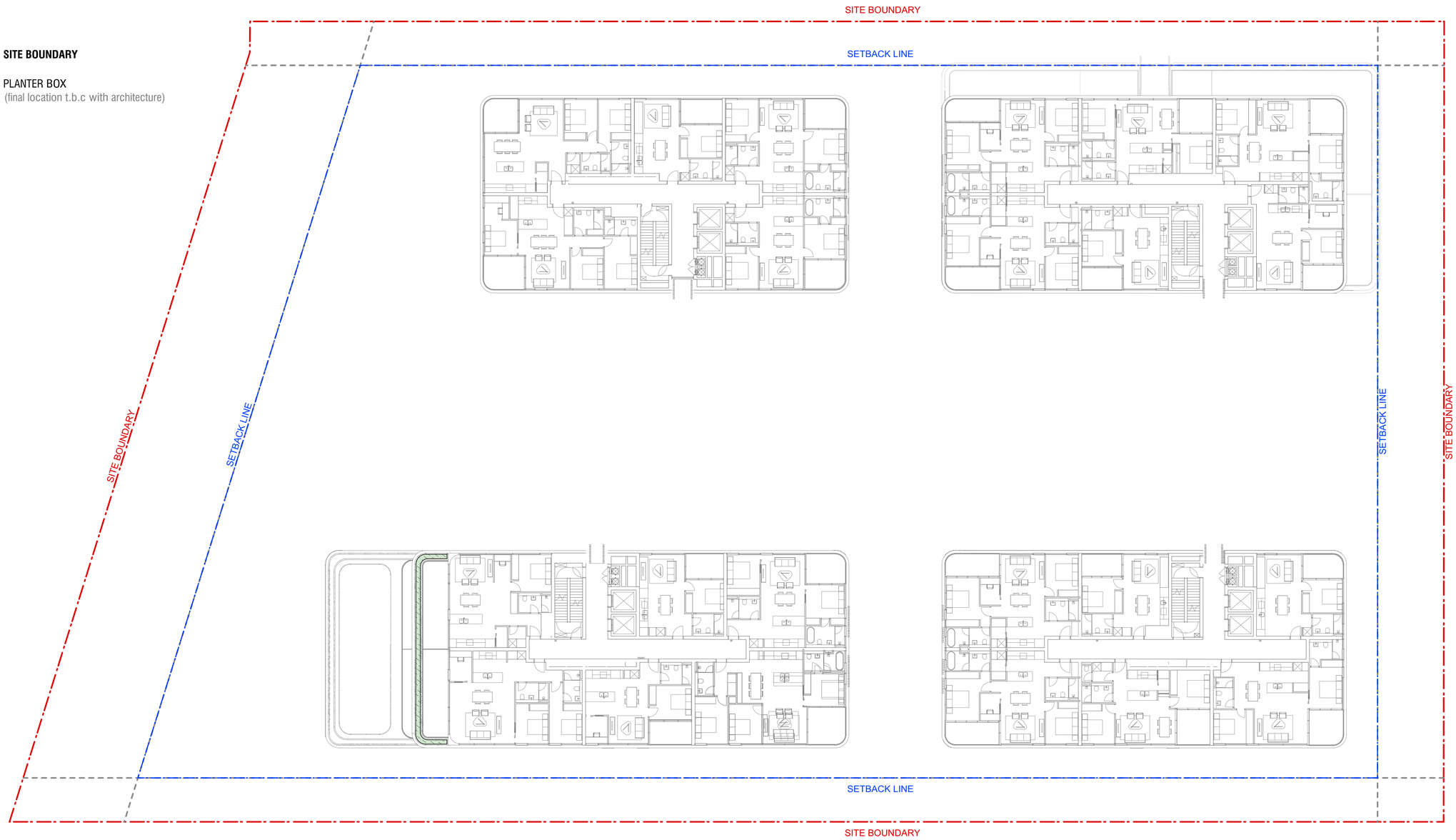
DRAWING NO. LA-108

REVISION 4

LEGEND

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PLANTER BOX
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NORTH | **SCALE A1** 1:200 | **SCALE A3** 1:400 | **DRAWN** KL | SL | **CHECKED** AW

0 5 10 15M

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STATUS
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PRELIMINARY
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DRAWING
GENERAL ARRANGEMENT PLAN
ROOF TERRACE - LEVEL 07

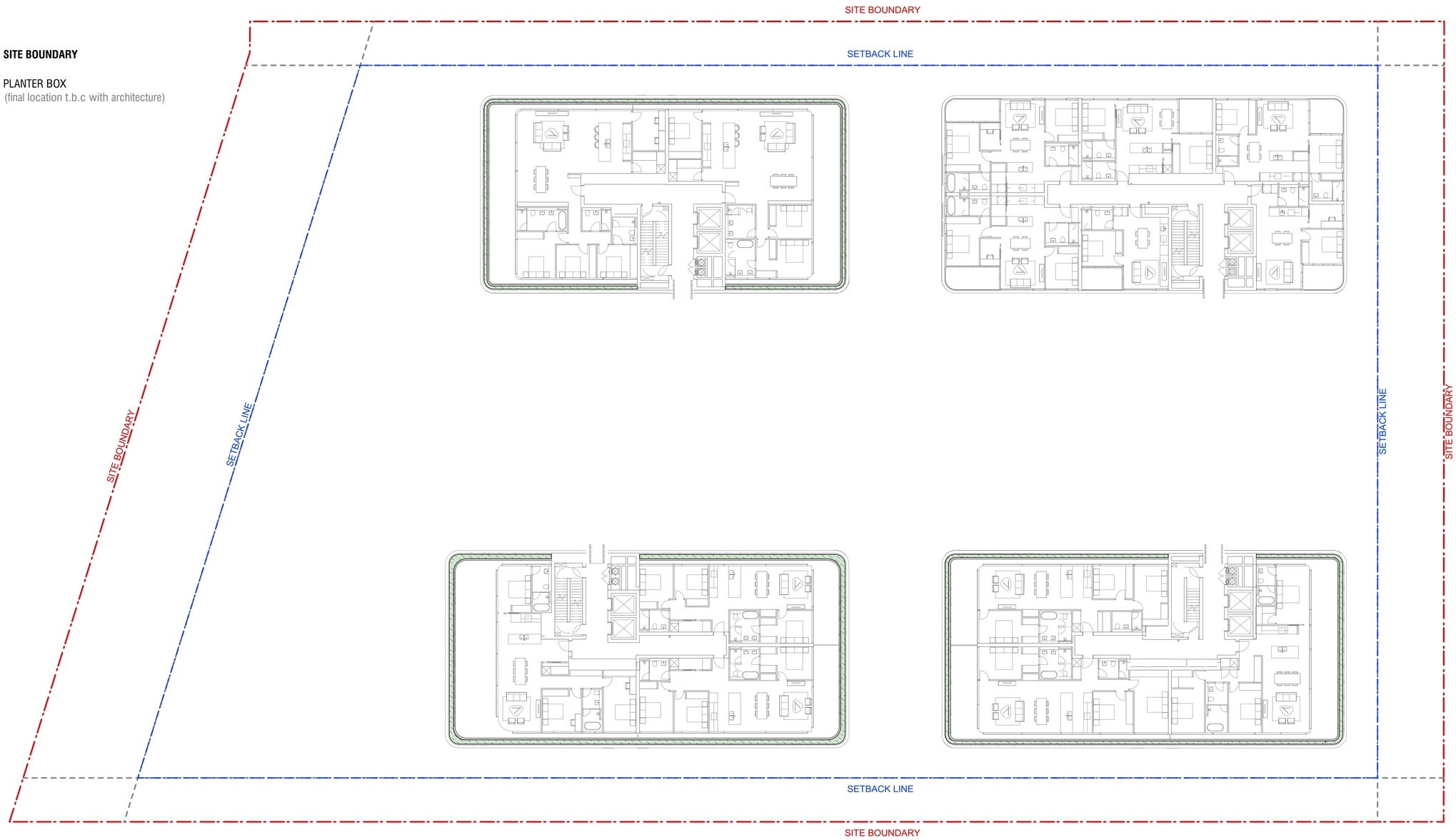
DRAWING NO. LA-109

REVISION 4

LEGEND

SITE BOUNDARY

PLANTER BOX
(final location t.b.c with architecture)



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DRAWING
GENERAL ARRANGEMENT PLAN
ROOF TERRACE - LEVEL 08

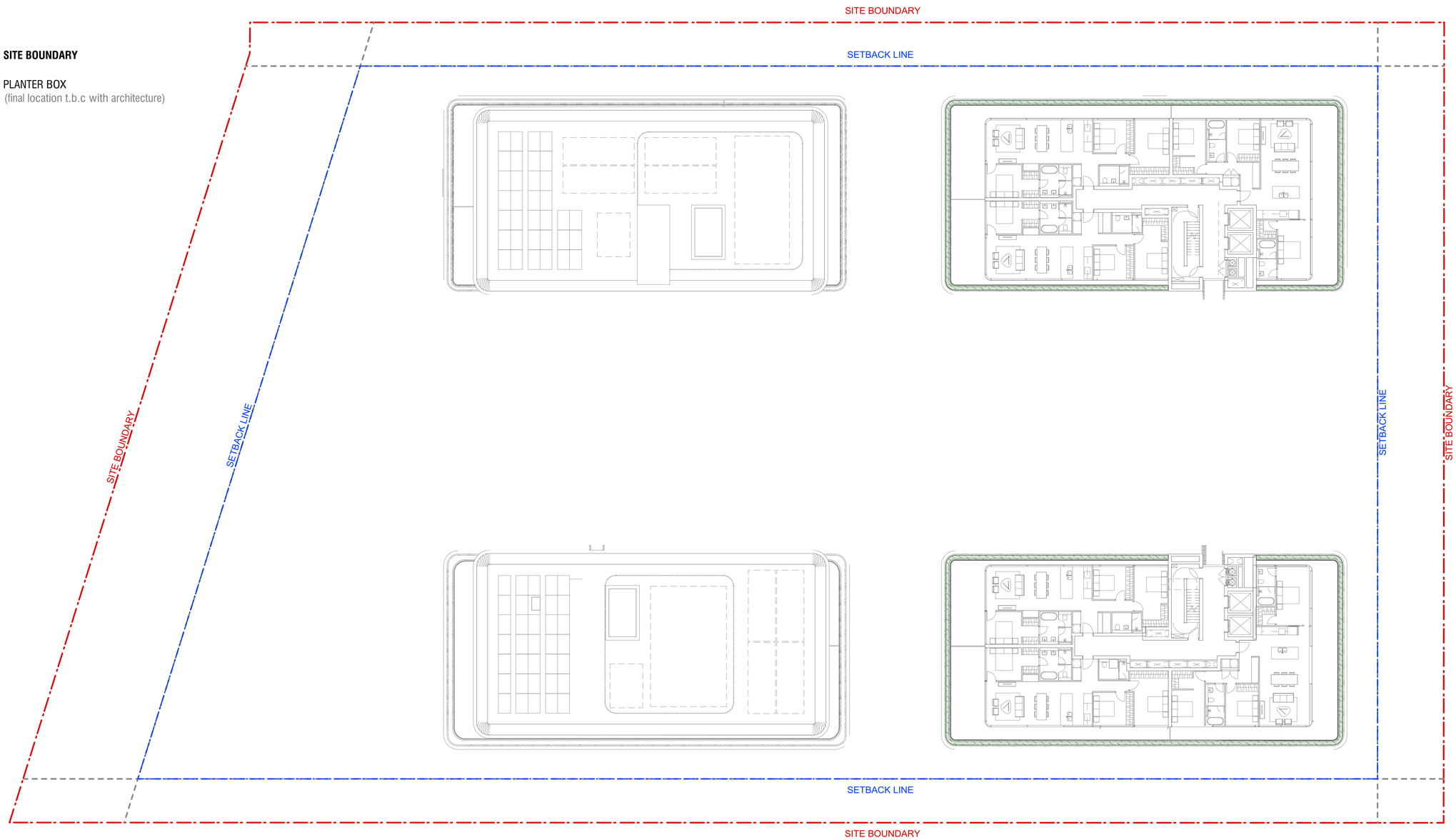
DRAWING NO. LA-110

REVISION 4

LEGEND

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PLANTER BOX
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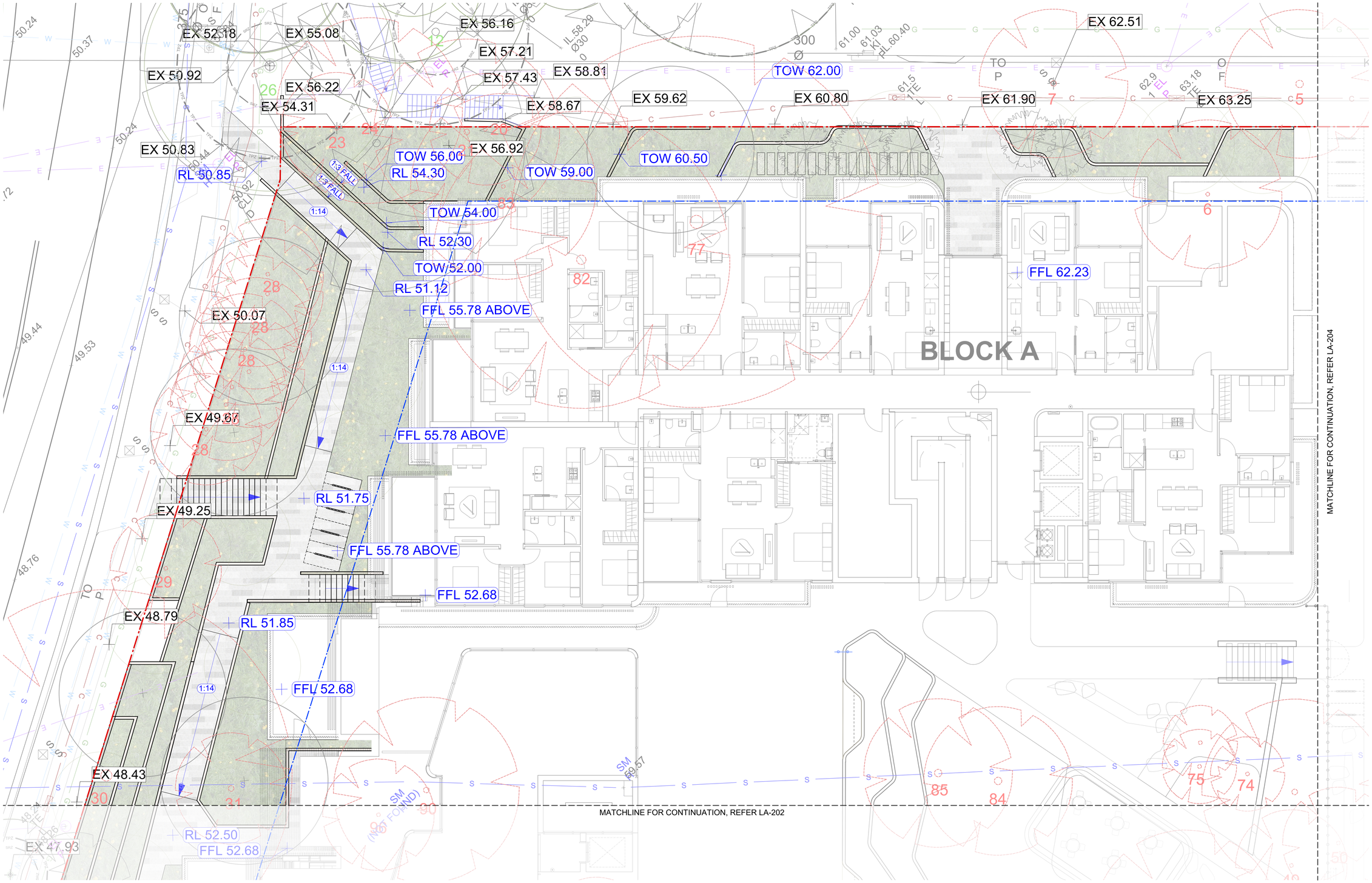
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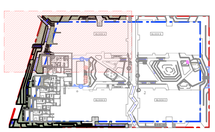
DRAWING
GENERAL ARRANGEMENT PLAN
ROOF TERRACE - LEVEL 09

DRAWING NO. LA-111

REVISION 4



NOTES / KEY PLAN



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PROJECT SYD20112
ST LEONARDS SOUTH, EQ
LOT 18,19&20

CLIENT
GREATON
CREATING YOUR PLACE

NORTH

SCALE A1 | SCALE A3
1:100 | 1:200

DRAWN | CHECKED
KL | SL | AW

0 2.5 5 7.5M

Do not scale - use dimensions & callouts on drawings & schedules.
Refer discrepancies to Landscape Architect for clarification.

STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
LEVELS PLAN
GROUND PLANE - RIVER ROAD 01

DRAWING NO. LA-201

REVISION 5

MATCHLINE FOR CONTINUATION, REFER LA-201

MATCHLINE FOR CONTINUATION, REFER LA-205

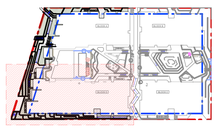
BLOCK D

EX 48.43
EX 47.93
EX 47.55
EX 47.29
EX 46.67
EX 46.24
EX 46.05
EX 46.05
EX 47.81
EX 48.24
EX 45.71
EX 50.58
EX 50.49
EX 53.60
EX 55.79
EX 58.87
EX 59.00
EX 59.57
EX 60.21
EX 60.58

RL 52.50
FFL 52.68
RL 51.30
FFL 52.68
RL 49.50
FFL 49.60
FFL 49.60
FFL 49.60
TOW 46.50
TOW 48.00
TOW 49.50
TOW 49.00
TOW 48.50
TOW 50.00
TOW 51.20
TOW 52.20
TOW 51.70
TOW 58.20
TOW 55.40
TOW 52.20
TOW 54.40
TOW 51.00
RL 61.92
TOW 62.00
TOW 61.00
TOW 60.00
FFL 61.98
RL 61.85
FFL 61.98
RL 61.20
RL 60.55
FFL 61.98

26
SEC. 3

NOTES / KEY PLAN



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11/04/2022	1	ISSUE FOR INFORMATION
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NORTH | SCALE A1 | SCALE A3 | DRAWN | CHECKED
1:100 | 1:200 | KL | SL | AW

0 2.5 5 7.5M

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DEVELOPMENT APPLICATION
PRELIMINARY - NOT FOR CONSTRUCTION

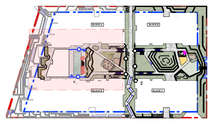
DRAWING
LEVELS PLAN
GROUND PLANE - RIVER ROAD 02

DRAWING NO. LA-202

REVISION 5

EX 49.67
EX 49.25
EX 48.79
EX 48.43
EX 47.93
RL 51.75
FFL 55.78 ABOVE
FFL 52.68
RL 51.85
TW 62.65
RL 62.45
TW 62.65
RL 62.45
RL 62.00
RL 52.50
FFL 52.68
TW 62.65
RL 62.45
FFL 62.23
FFL 62.23
FFL 62.17
TW 62.45
RL 62.00
TW 62.60
TW 62.30
TW 62.45
RL 63.50
RL 62.80
RL 62.38
RL 62.
RL 51.30
FFL 52.68
FFL 61.98
FFL 49.60
FFL 49.60
SM
RL 49.67
(NOT TO SCALE)
1:14
75
74
MATCHLINE FOR CONTINUATION, REFER LA-204 & LA-205
BLOCK D

NOTES / KEY PLAN



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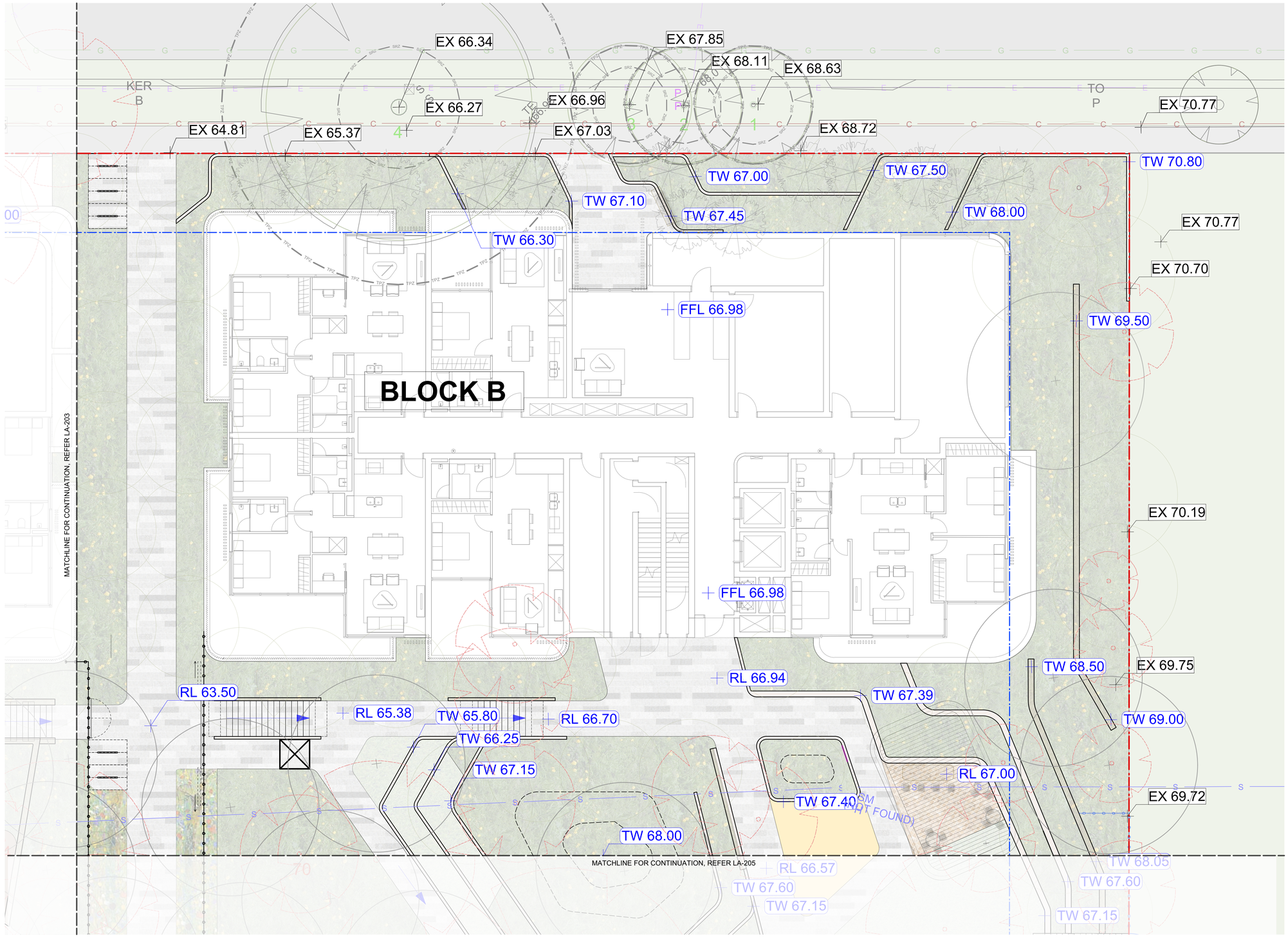
CLIENT
GREATON
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NORTH
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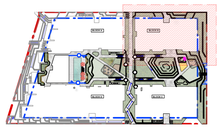
STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
LEVELS PLAN
GROUND PLANE - GREEN SPINE 01

DRAWING NO. LA-203
REVISION 5



NOTES / KEY PLAN



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NORTH | **SCALE A1** 1:100 | **SCALE A3** 1:200 | **DRAWN** KL | SL | **CHECKED** AW

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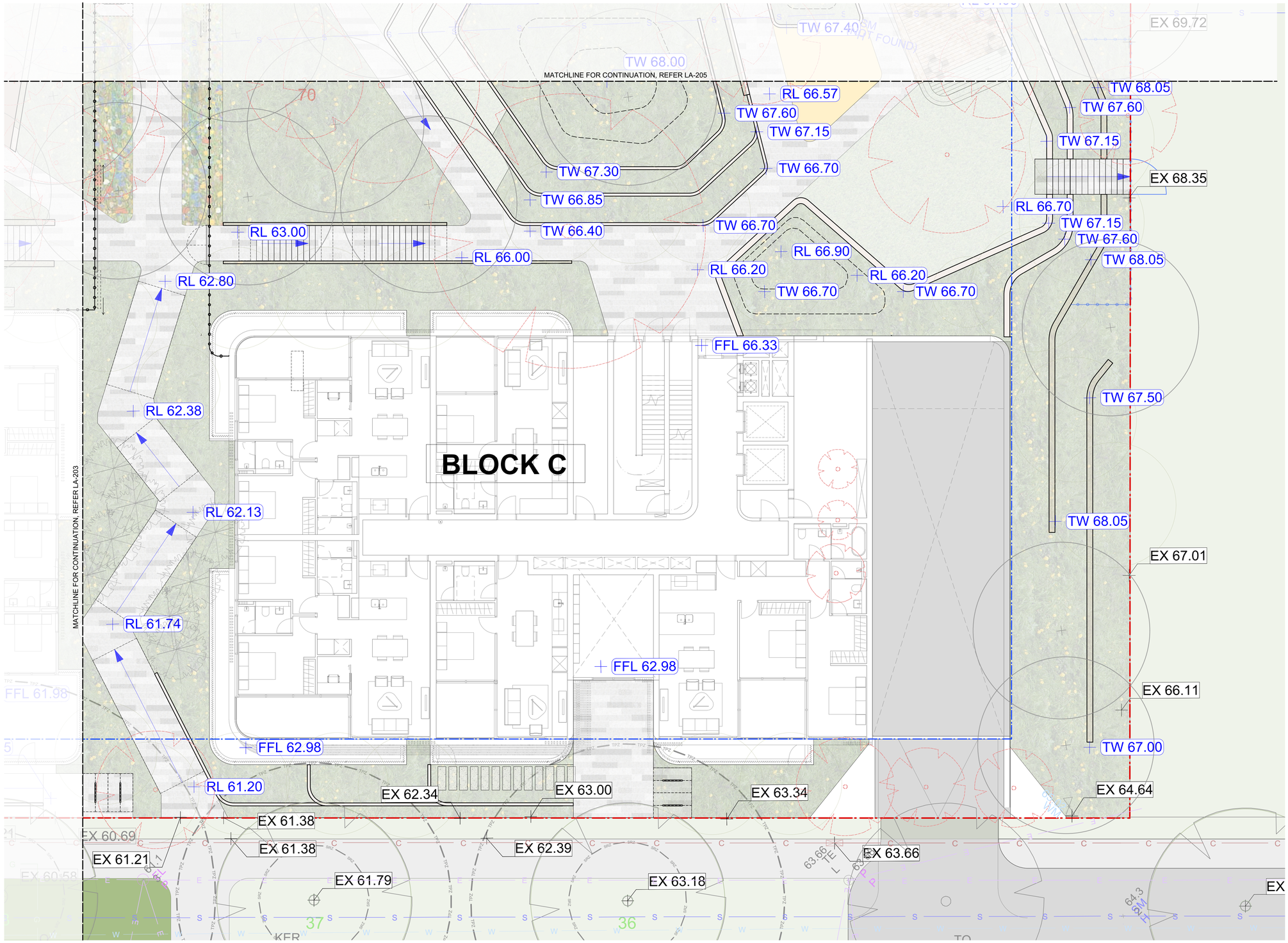
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STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

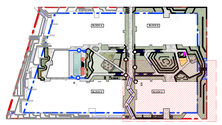
DRAWING
LEVELS PLAN
GROUND PLANE - GREEN SPINE 02

DRAWING NO. LA-204

REVISION 5



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NORTH

SCALE A1 | SCALE A3
1:100 1:200

DRAWN KL | SL
CHECKED AW

0 2.5 5 7.5M

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STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
LEVELS PLAN
GROUND PLANE - GREEN SPINE 03

DRAWING NO. LA-205

REVISION 5

Botanical Name	Common Name	Mature Height	Mature Spread	Endemic / Native / Exotic	Quantity	Image
TREES						
Acer buergerianum	Trident Maple	6 -10m	6 -10m	Exotic	6	
Angophora costata	Sydney red gum	15 -25m	15 -25m	Endemic	10	
Brachychiton acerifolius	Flame tree	8 -20m	6 -10m	Endemic	2	
Melaleuca viminalis	Weeping bottlebrush	6 -9m	3 -4.5m	Endemic	4	
Cupaniopsis anacardioides	Tuckeroo	8 -15m	3 -5m	Native	10	
Elaeocarpus reticulatus	Blueberry ash	3 -15m	3 -5m	Endemic	5	
Melaleuca quinquenervia	Broad-leaved paperbark	8 -15m	5 -10m	Native	10	
Podocarpus elatus	Brown pine	15-25m	5 -10m	Endemic	10	
Syzygium luehmannii	Riberry	2 -15m	3 -5m	Native	4	
Eucalyptus paniculata	Grey ironbark	30 -50m	15 -25m	Endemic	15	
Eucalyptus scoparia	Wallangarra white gum	15 -20m	5 -10m	Endemic	10	
Hymenosporum flavum	Native Frangipani	6 -8m	5 -6m	Native	4	
Liquidambar styraciflua	Liquidambar	15–25m	10 -12m	Exotic	2	
Tristaniopsis laurina	Kanooka Gum	12–15m	4 -6m	Native	24	
Ulmus parvifolia	Chinese elm	12–15m	5 -10m	Exotic	10	
Waterhousia floribunda	Lilly Pilly	10–3 m	5 -10m	Native	7	

PROPOSED TREES I LARGE TREE: 25

PROPOSED TREES I MEDIUM TREE: 55

PROPOSED TREES I SMALL TREE: 53
TOTAL NO. PROPOSED TREES: 133

SMALL TREE %: 40%

MEDIUM TO LARGE TREE: 60%

TREE REPLACEMENT RATIO: 1:1.3

NOTE:
DETAILED PLANTING PLAN & SCHEDULE TO BE SUBMITTED TO COUNCIL'S LANDSCAPE ARCHITECT FOR ASSESSMENT AT CC STAGE.

Botanical Name	Common Name	Mature Height	Mature Spread	Endemic / Native / Exotic	Density	Image
SHRUBS & GROUNDCOVERS						
Acanthus mollis	Bear's breeches	1–1.5m	1.5m	Exotic	6/SQM	
Arthropodium cirratum	New Zealand rock lily	0.6m	0.6m	Exotic	6/SQM	
Aspidistra elatior	Bar-room plant	0.5–1.2m	1.5m	Exotic	4/SQM	
Asplenium australasicum	Birds Nest Fern	0.5–1.5m	0.5–1.5m	Native	3/SQM	
Blechnum nudum	Fishbone water fern	0.6 m	0.6m	Native	4/SQM	
Callistemon viminalis 'Little John'	Weeping bottlebrush	1–1.25m	1m	Endemic	3/SQM	
Acacia cognata 'limelight	River wattle	0.5–1m	1–1.2m	Native	3/SQM	
Banksia Birthday Candles	Banksia	0.4–0.5m	0.5–1m	Native	4/SQM	
Carpobrotus glaucescens	Pigface	0.2m	2m	Native	6/SQM	
Dianella revoluta 'Little Rev'	Native Flax	0.4–0.6m	0.3–0.4m	Endemic	6/SQM	
Eriostemon myoporoides	Long-leaf wax-flower	0.8 - 1m	0.8 - 1m	Endemic	4/SQM	
Clivia miniata	Kaffir lily	0.35 - 0.75m	0.6 - 0.9m	Exotic	6/SQM	
Cyathea spp	Rough Tree Fern	2 - 4m	2 -6m	Native	3/SQM	
Dianella caerulea	Flax Lily	0.3 - 0.9m	0.3 -2.5m	Native	6/SQM	
Doryanthes excelsa	Giant Lily	1.2 - 1.8m	1.2 - 1.8m	Endemic	2/SQM	
Viola hederacea	Native Violet	0.1 - 0.2m	0.3 - 1m	Native	5/SQM	
lomandra 'tanika'	Mat Rush	0.5 - 0.6m	0.5 - 0.65m	Native	5/SQM	
Grevillea 'Superb'	Grevillea	1.5 - 2m	1.5 - 2m	Native	5/SQM	
Hardenbergia violacea	False sarsaparilla	1 - 1.5m	0.8 - 1.5m	Endemic	5/SQM	
Hibbertia scandens	Guinea Flower	0.5 - 3m	1 - 5m	Endemic	4/SQM	
Leptospermum trinervium	Flaky-barked tea-tree	2 - 6m	2 - 3m	Endemic	5/SQM	
Philodendron 'Xanadu'	Winterbourn	0.8 - 1m	1 - 1.5m	Native	4/SQM	
Phormium cookianum	Whaririki	1.5m	1 - 2.5m	Exotic	4/SQM	
Camellia sasanqua	Camellia	1.8 - 3m	1.8 - 3m	Exotic	4/SQM	
Rhapis excelsa	Lady palm	0.3 - 0.9m	0.6 - 4.5m	Exotic	5/SQM	
Syzygium australe 'Elite'	Lilly Pilly	0.4 - 0.8m	0.2m	Native	6/SQM	
Westringia fruticosa	Native Rosemary	1.5 - 2m	1.5 - 2m	Native	4/SQM	
Poa labillardieri	Tussock Grass	1 - 1.2m	1.5 - 2m	Native	6/SQM	
Baeckea virgata 'Nana'	Miniature Baeckea	0.5m	0.5m	Native	5/SQM	
Russelia equisetiformis	Red Bells	1 - 1.5m	2 - 4m	Exotic	4/SQM	
Scaevola Mauve Clusters	Fan flower	0.3m	0.8m	Native	6/SQM	

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PROJECT SYD20112
ST LEONARDS SOUTH, EQ
LOT 18,19&20

CLIENT
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NORTH **SCALE A1 | SCALE A3** **DRAWN** KL | SL **CHECKED** AW

Do not scale - use dimensions & callouts on drawings & schedules. Refer discrepancies to Landscape Architect for clarification.

STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
PLANTING PALETTE

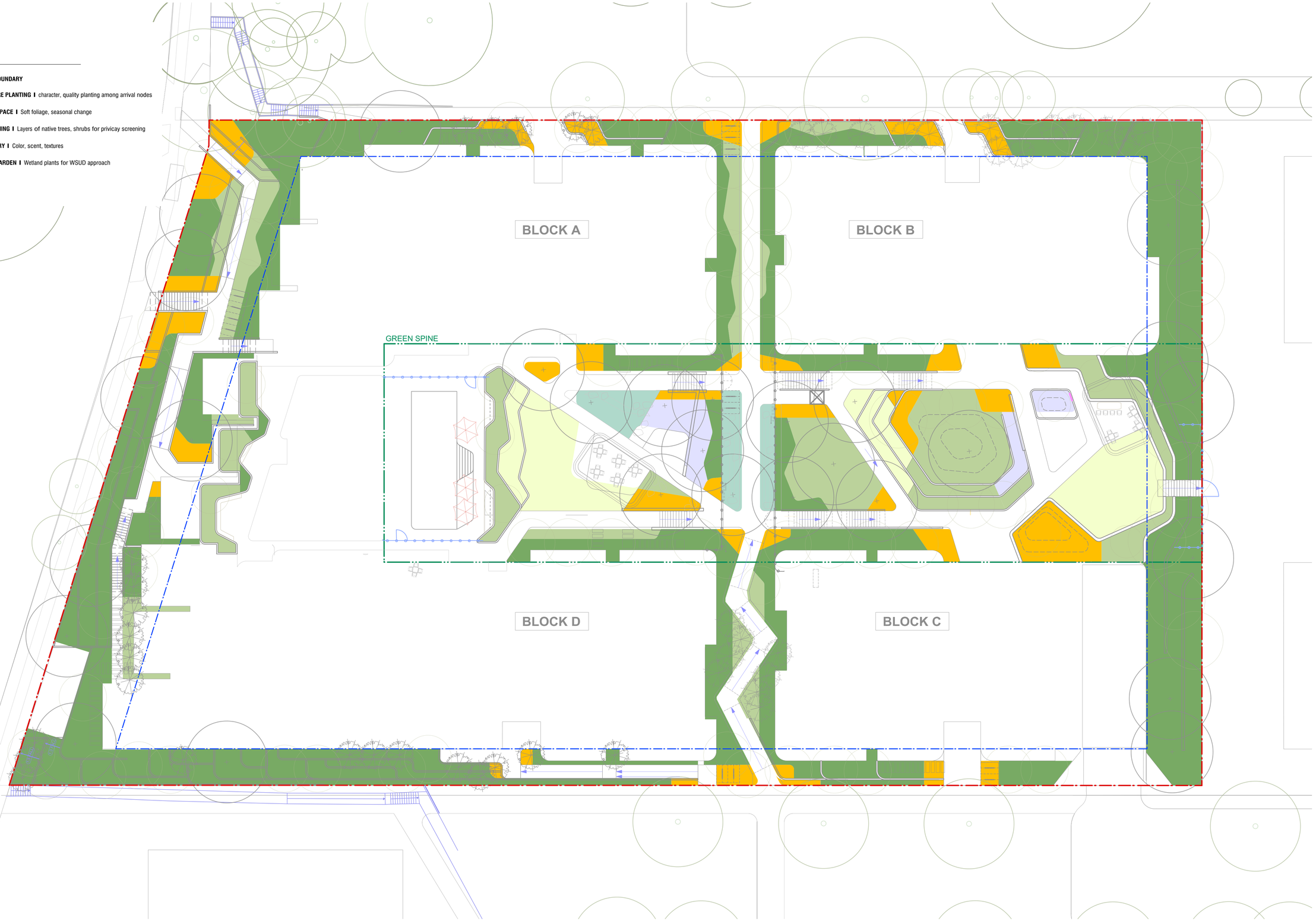
DRAWING NO. LA-301

REVISION 4

LEGEND

PLANTING ZONE

- **SITE BOUNDARY**
- **FEATURE PLANTING I** character, quality planting among arrival nodes
- **PLAY SPACE I** Soft foliage, seasonal change
- **SCREENING I** Layers of native trees, shrubs for privacy screening
- **SENSORY I** Color, scent, textures
- **RAIN GARDEN I** Wetland plants for WSUD approach
- **LAWN**



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NORTH

SCALE A1	SCALE A3	DRAWN	CHECKED
1:200	1:400	KL | SL	AW

0 5 10 15M

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STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
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DRAWING
PLANTING ZONES
GROUND PLANE - OVERALL

DRAWING NO. LA-302

REVISION 4

LEGEND

TREE MANAGEMENT PLAN

- SITE BOUNDARY
- EXISTING TREES TO BE RETAINED AND PROTECTED
- EXISTING TREES TO BE REMOVED (TOTAL NO. 101)

NOTE: IN ACCORDANCE WITH ARBORIST ASSESSMENT AND REPORT BY L&CO CONSULTANCY ARBORICULTURE PLANT PATHOLOGY. REFER TO ARBORIST REPORT FOR DETAILS AND CONFIRMATION

- BUILDING BLOCK
- BASEMENT & STRUCTURE UNDERNEATH

NOTE: REFER TO ARCHITECTURE DRAWING SET FOR DETAILS

POCKET PARK

BERRY ROAD

BLOCK A

BLOCK B

BLOCK C

BLOCK D

DEEP SOIL / NON-BASEMENT ZONE

DEEP SOIL / NON-BASEMENT ZONE

RIVER ROAD

POCKET PARK

HOLDSWORTH AVENUE

EXISTING FEATURE TREES TO BE RETAINED AND PROTECTED



Ulmus parvifolia



Syncarpia glomulifera



Syzygium luehmanni

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NORTH | SCALE A1 | SCALE A3 | DRAWN: KL | SL | CHECKED: AW

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STATUS
DEVELOPMENT APPLICATION
PRELIMINARY ~~NOT FOR CONSTRUCTION~~

DRAWING
LANDSCAPE DIAGRAM
TREE MANAGEMENT

DRAWING NO. LA-401

REVISION 5

LEGEND

DEEP SOIL ZONE

- SITE BOUNDARY
- EXISTING TREES TO BE RETAINED AND PROTECTED
- PROPOSED TREES I LARGE TREE: 25
- PROPOSED TREES I MEDIUM TREE: 55
- PROPOSED TREES I SMALL TREE: 53
- TOTAL NO. PROPOSED TREES: 133
- SMALL TREE %: 40%
- MEDIUM TO LARGE TREE: 60%
- TREE REPLACEMENT RATIO: 1:1.3
- DEEP SOIL/ NON BASEMENT ZONE ALONG GREEN SPINE % : 52%
- DEEP SOIL/ NON BASEMENT ZONE OVERALL SITE % : 23%
- LANDSCAPE ON SLAB

POCKET PARK

BERRY ROAD

BLOCK A

BLOCK B

GREEN SPINE

DEEP SOIL / NON-BASEMENT ZONE

DEEP SOIL / NON-BASEMENT ZONE

BLOCK D

BLOCK C

RIVER ROAD

POCKET PARK

HOLDSWORTH AVENUE

EXISTING FEATURE TREES TO BE REMOVED
CONSIDERATION TO BE GIVEN FOR FUTURE TREE REPLACEMENT SPECIES SELECTION

Jacaranda mimosifolia Quercus robur Corymbia maculata Araucaria columnaris Glochidion ferdiandi

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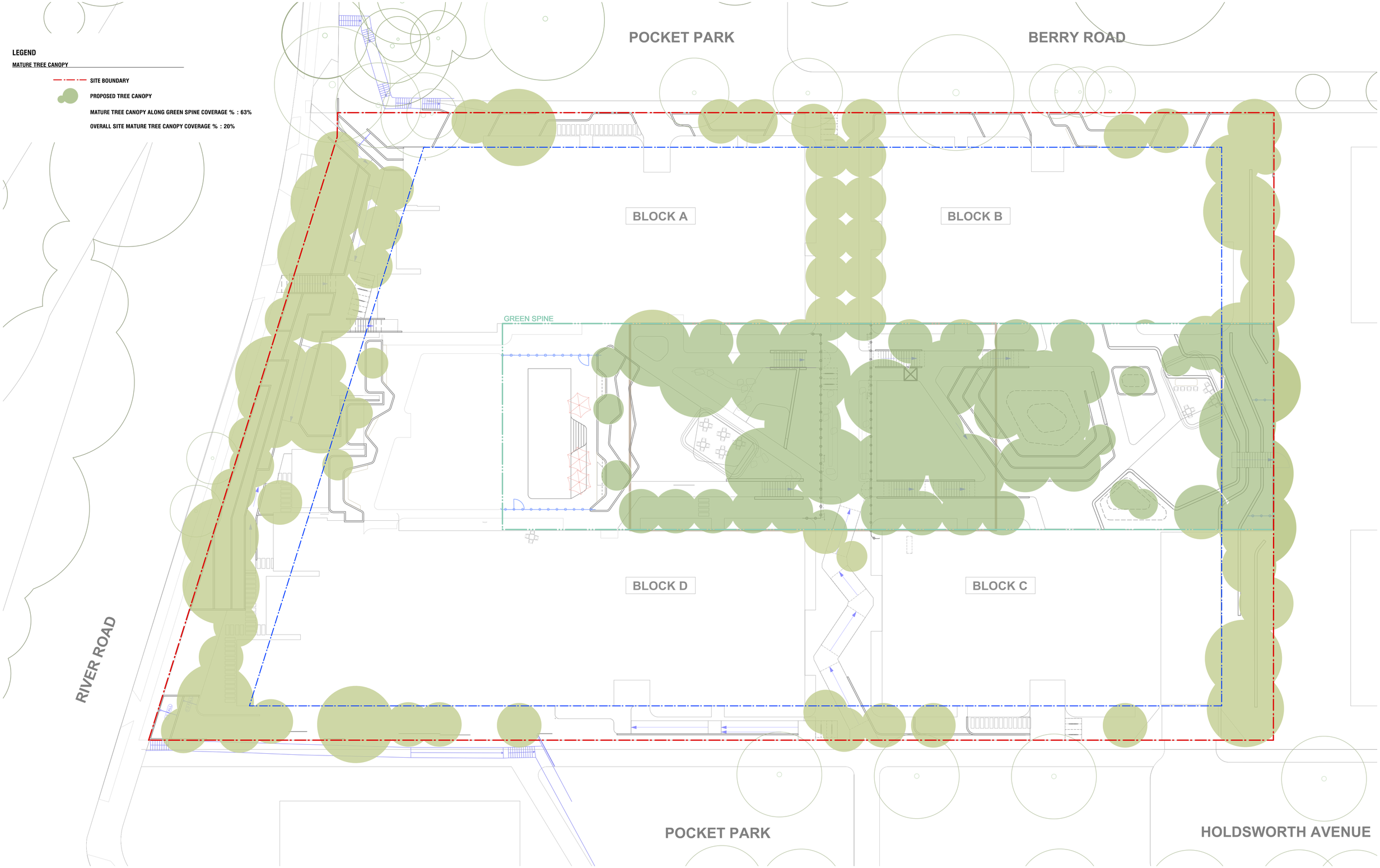
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DRAWING
LANDSCAPE DIAGRAM
DEEP SOIL ZONE

DRAWING NO. LA-402

REVISION 5



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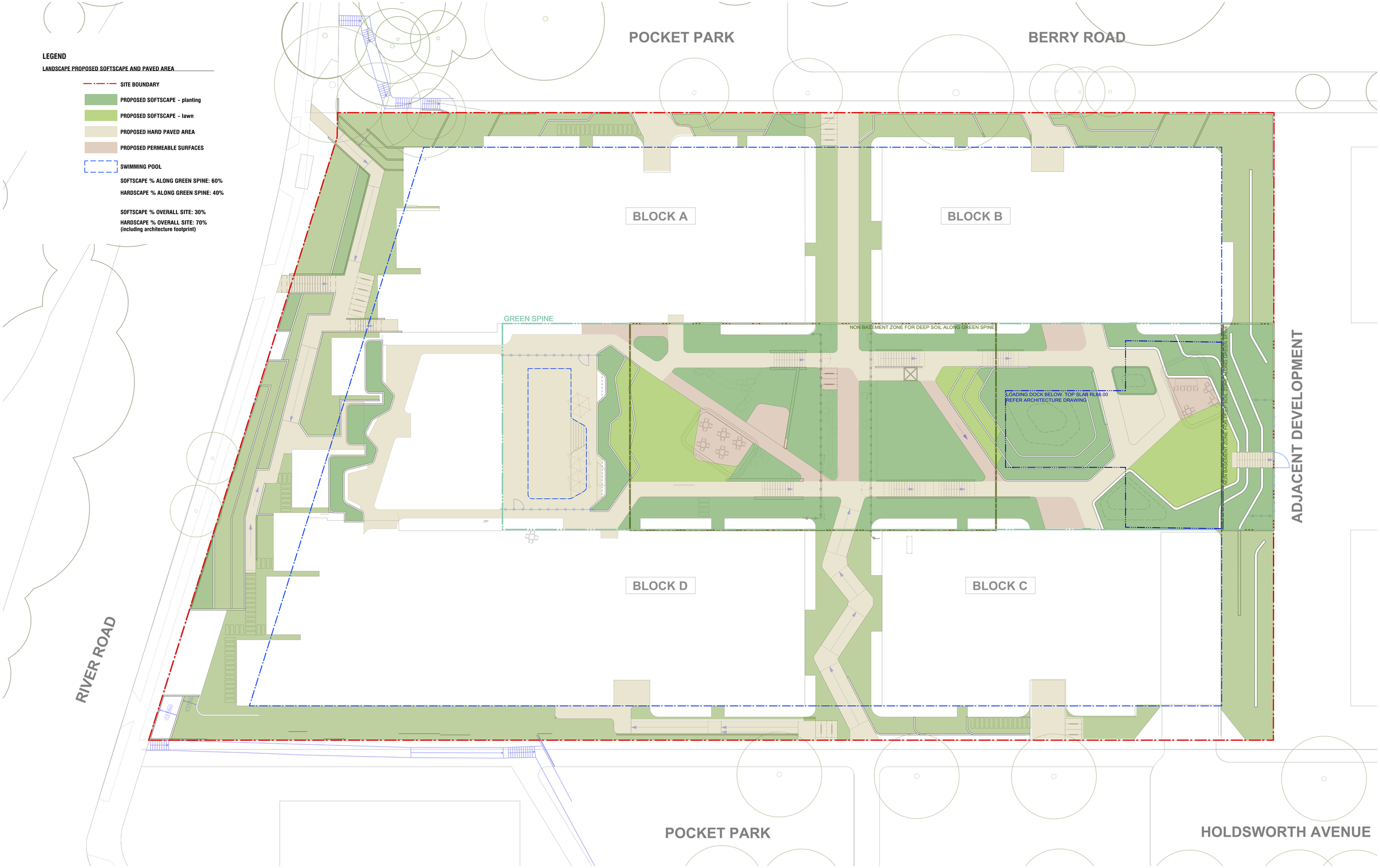
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STATUS
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PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
LANDSCAPE DIAGRAM
MATURE TREE CANOPY COVERAGE

DRAWING NO. LA-403

REVISION 4



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DRAWING
LANDSCAPE DIAGRAM
SOFTSCAPE & HARDSCAPE RATIO

DRAWING NO. LA-404 | REVISION 4

LEGEND

IRRIGATION ZONE

- SITE BOUNDARY
- DRIP IRRIGATION
- SPRINKLER IRRIGATION

NOTE: INDICATIVE DIAGRAM ONLY.
IRRIGATION DESIGN TO BE DEVELOPED BY IRRIGATION CONSULTANT AT DETAIL DESIGN PHASE.

POCKET PARK

BERRY ROAD

BLOCK A

BLOCK B

GREEN SPINE

DEEP SOIL / NON-BASEMENT ZONE

DEEP SOIL / NON-BASEMENT ZONE

BLOCK D

BLOCK C

RIVER ROAD

POCKET PARK

HOLDSWORTH AVENUE

DATE	REV	AMENDMENTS
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04/10/2022	4	ISSUE FOR DA

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PROJECT SYD20112

ST LEONARDS SOUTH, EQ
LOT 18,19&20

CLIENT

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NORTH

SCALE A1 | SCALE A3

DRAWN KL | SL CHECKED AW

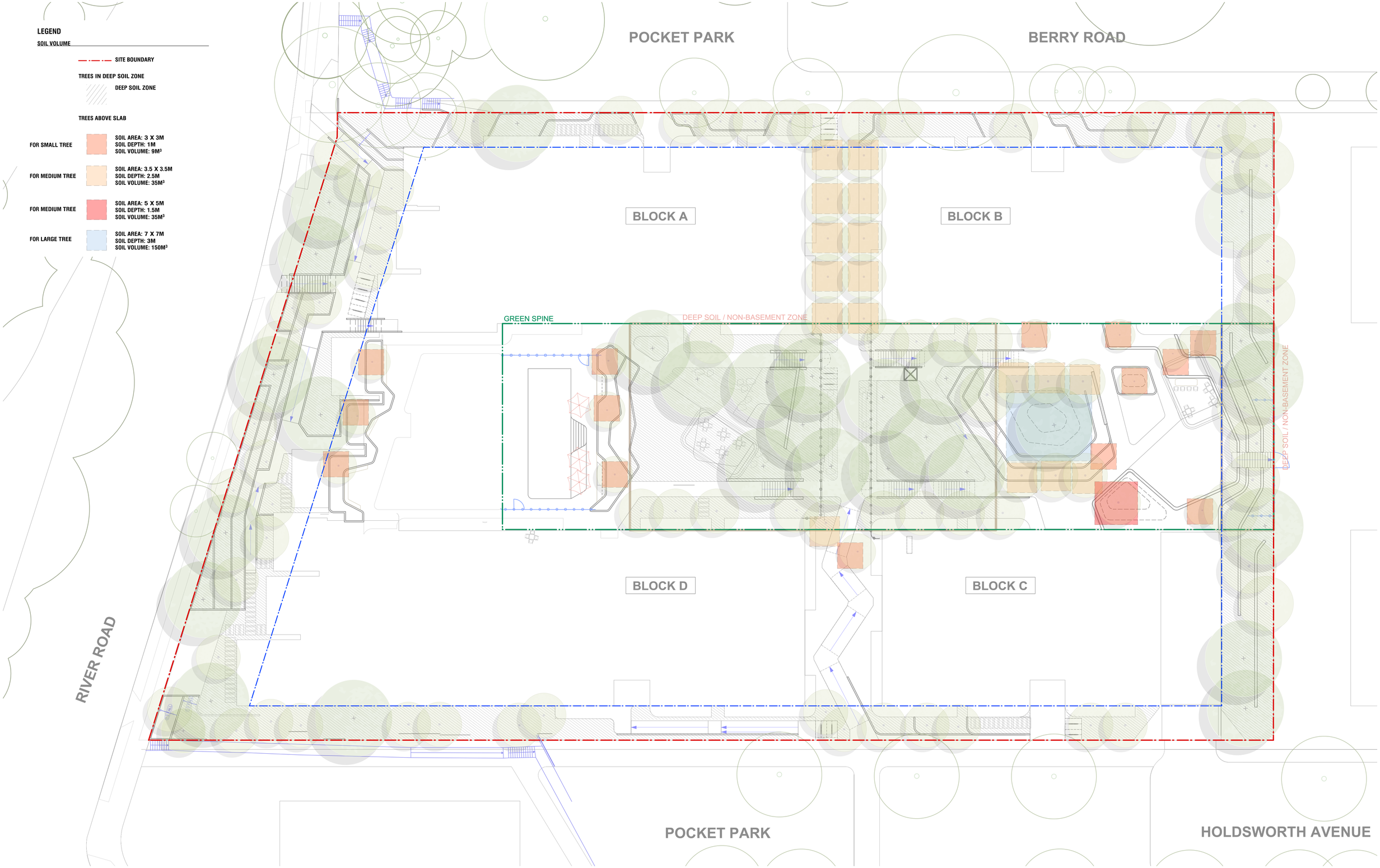
Do not scale - use dimensions & callouts on drawings & schedules.
Refer discrepancies to Landscape Architect for clarification.

STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
LANDSCAPE DIAGRAM
IRRIGATION ZONE

DRAWING NO. LA-405

REVISION 4



DATE	REV	AMENDMENTS
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NORTH | SCALE A1 | SCALE A3 | DRAWN | CHECKED
KL | SL | AW

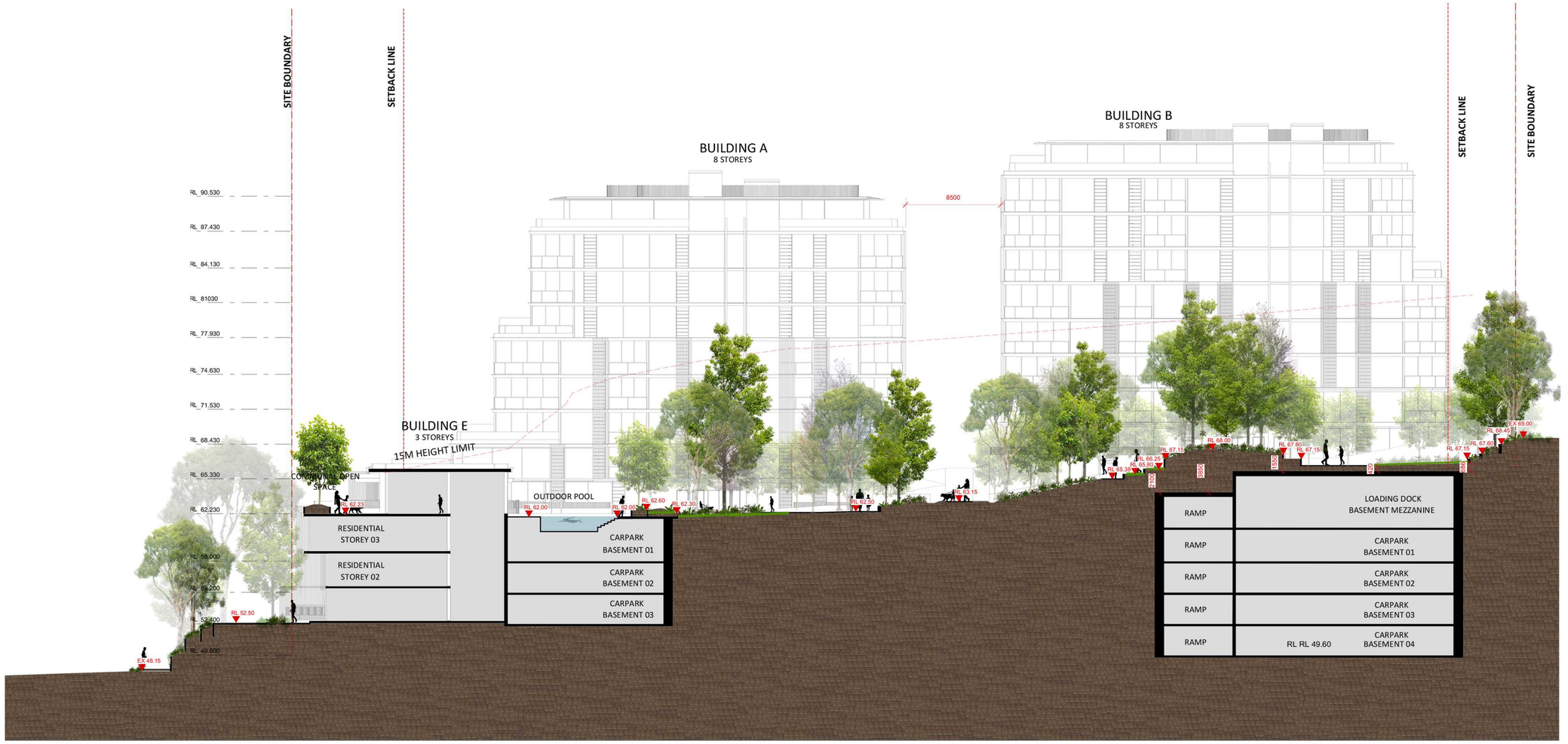
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STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
LANDSCAPE DIAGRAM
SOIL VOLUME

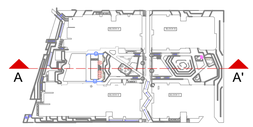
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REVISION 4



1 SECTION A-A' (GREEN SPINE SECTION)
SCALE: 1:200

NOTES / KEY PLAN



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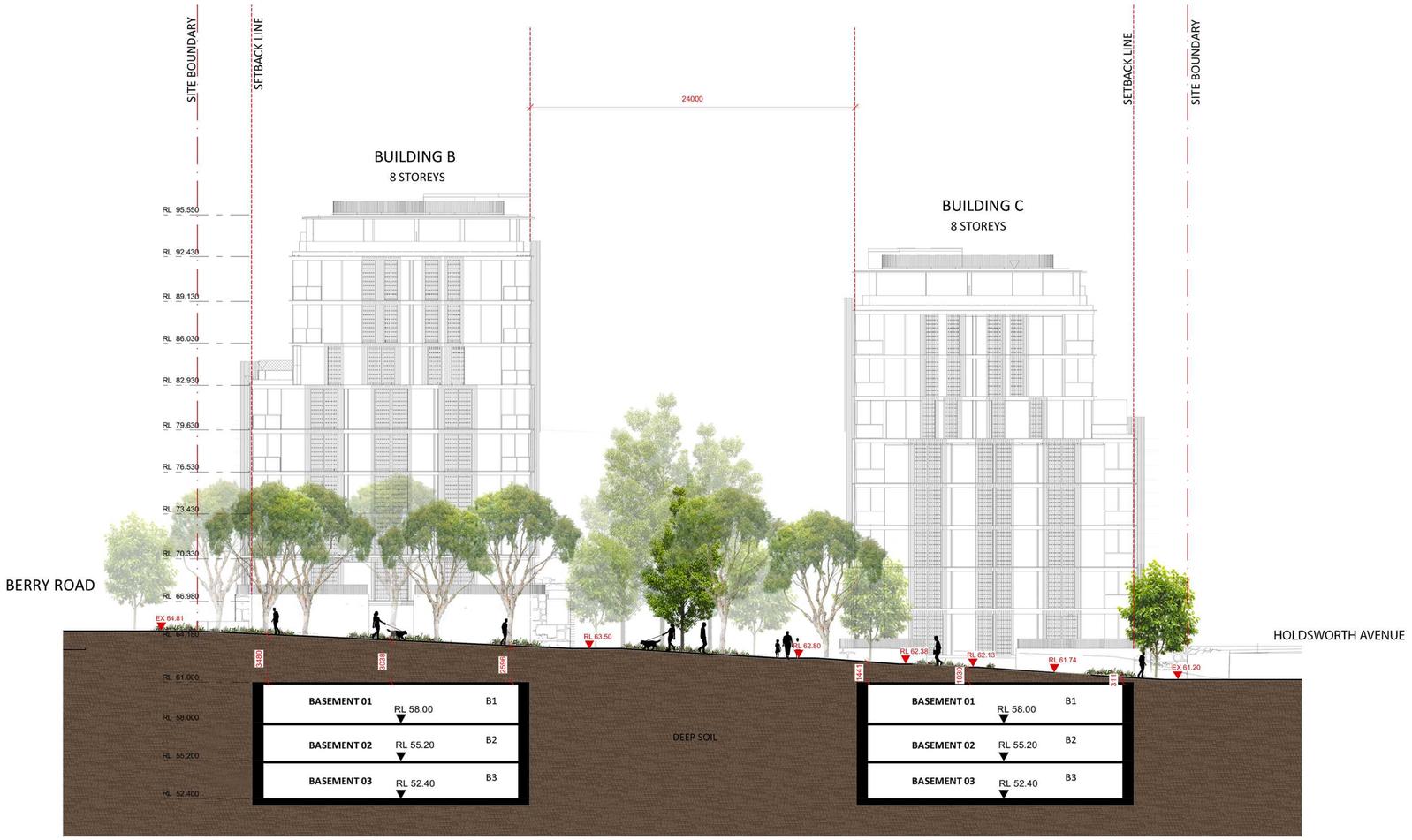
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STATUS
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PRELIMINARY
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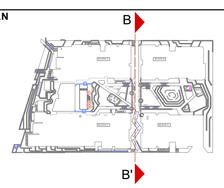
DRAWING
LANDSCAPE SECTIONS
SECTION A-A' (GREEN SPINE SECTION)

DRAWING NO. LA-501
REVISION 4



1 SECTION B-B' (THROUGH SITE LINK SECTION)
SCALE: 1:200

NOTES / KEY PLAN



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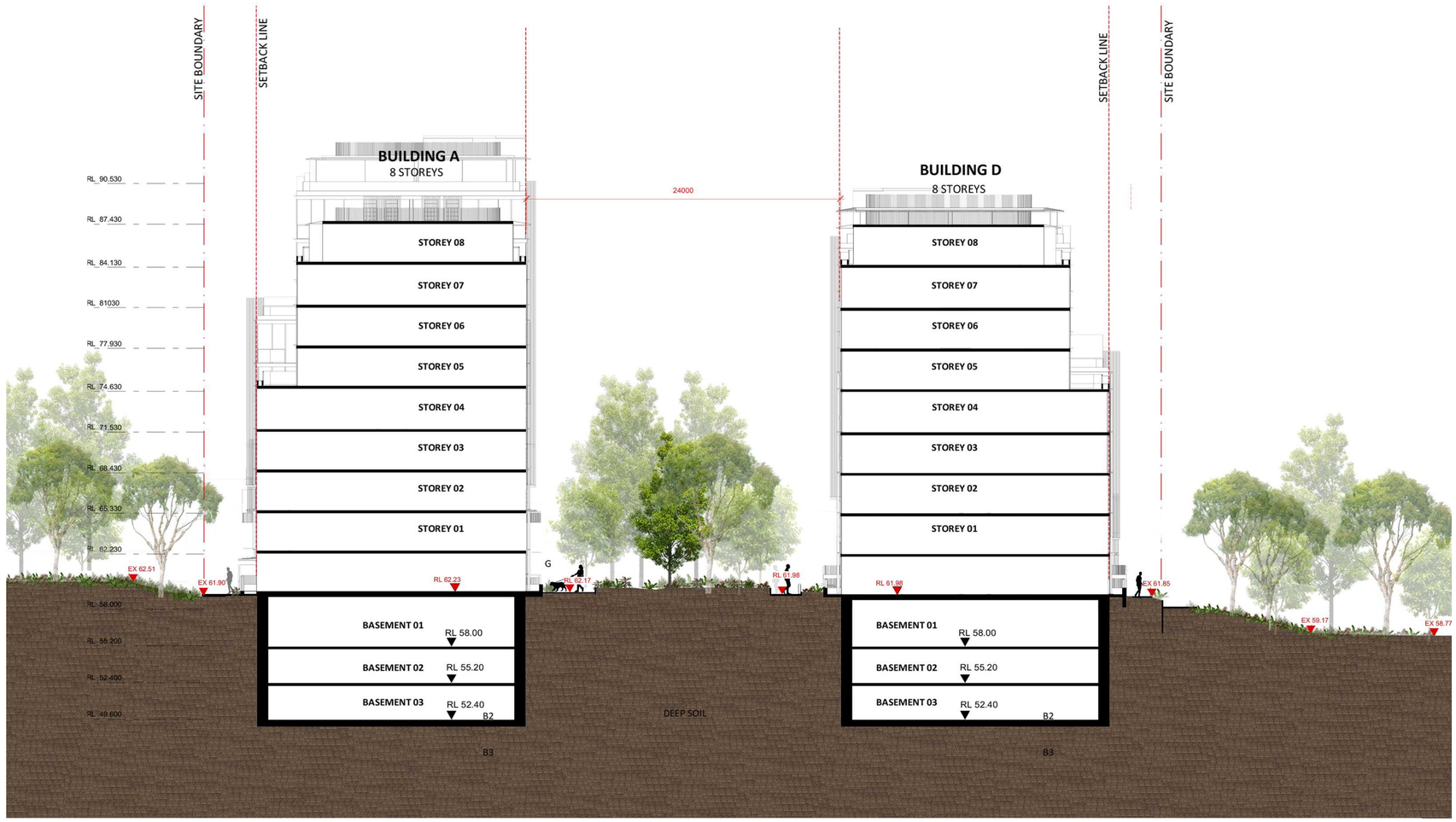
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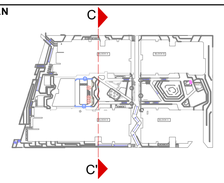
DRAWING
LANDSCAPE SECTIONS
SECTION B-B' (THROUGH SITE LINK SECTION)

DRAWING NO. LA-502
REVISION 4



3 SECTION C-C'
SCALE: 1:200

NOTES / KEY PLAN



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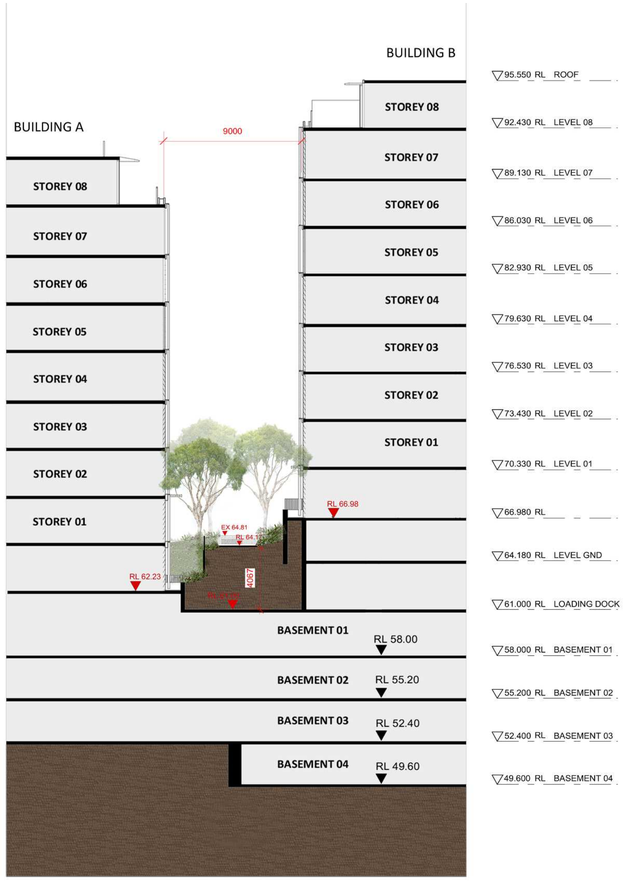
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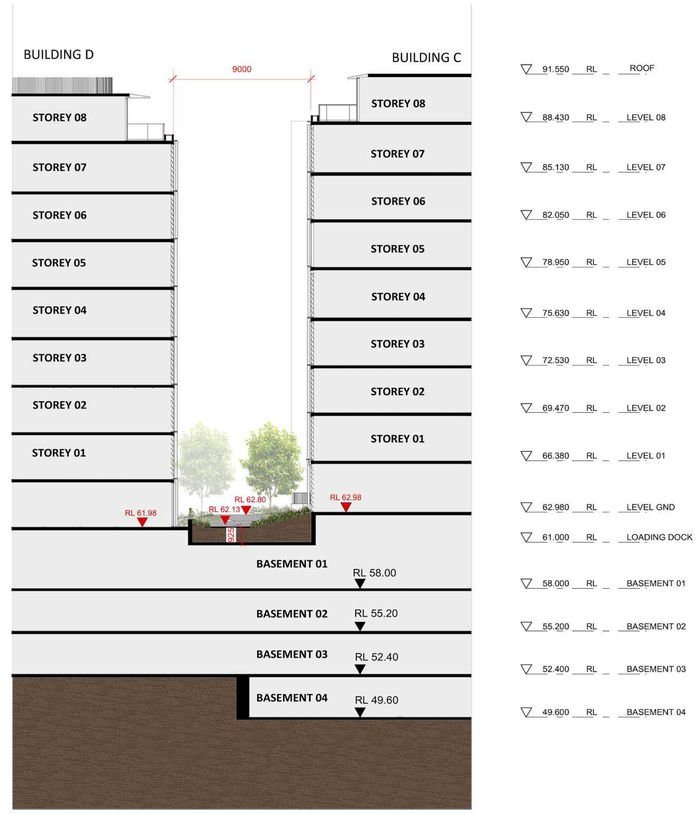
DRAWING
LANDSCAPE SECTIONS
SECTION C-C'

DRAWING NO. LA-503

REVISION 4

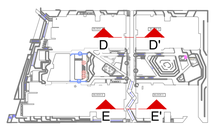


1 SECTION D-D'
SCALE: 1:200



2 SECTION E-E'
SCALE: 1:200

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NORTH **SCALE A1 | SCALE A3** **DRAWN** KL | SL **CHECKED** AW

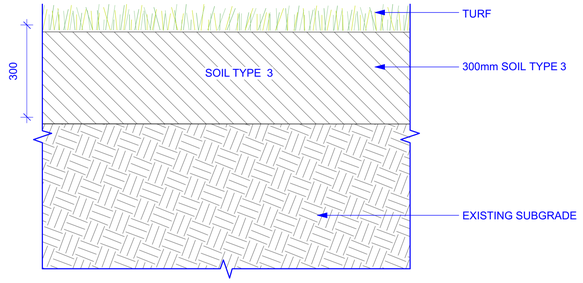
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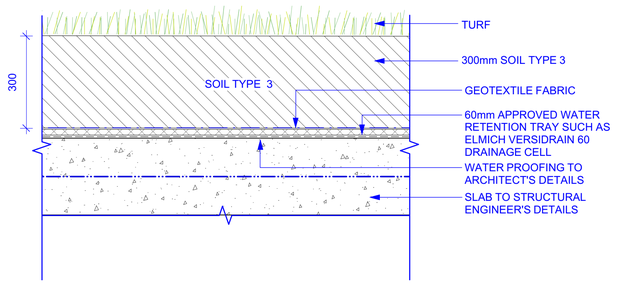
DRAWING
LANDSCAPE SECTIONS
SECTION D-D' & E-E'

DRAWING NO. LA-504

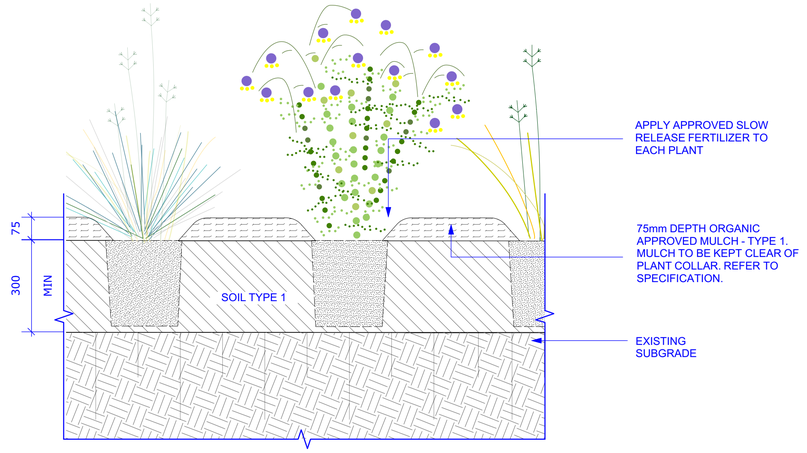
REVISION 4



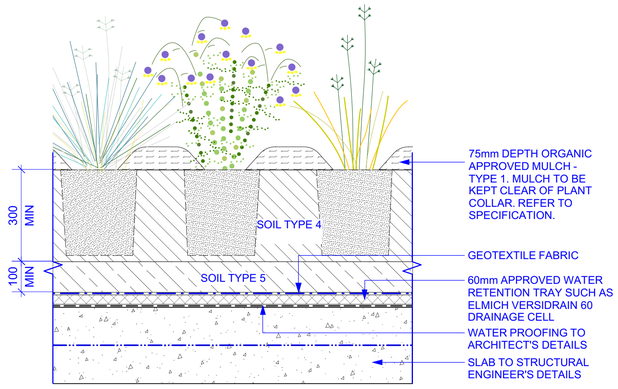
1 TURF TYPE 1 | ON GRADE
Scale: 1:10 TYPICAL SECTION



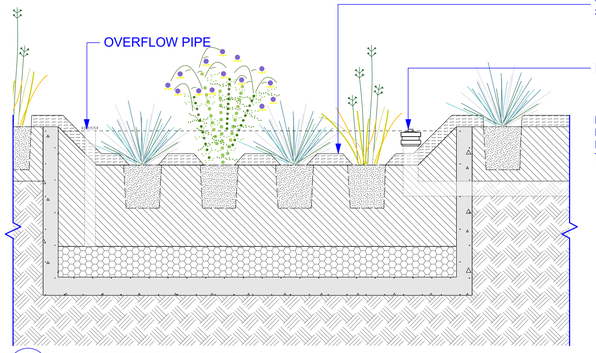
2 TURF TYPE 2 | ON SLAB
Scale: 1:10 TYPICAL SECTION



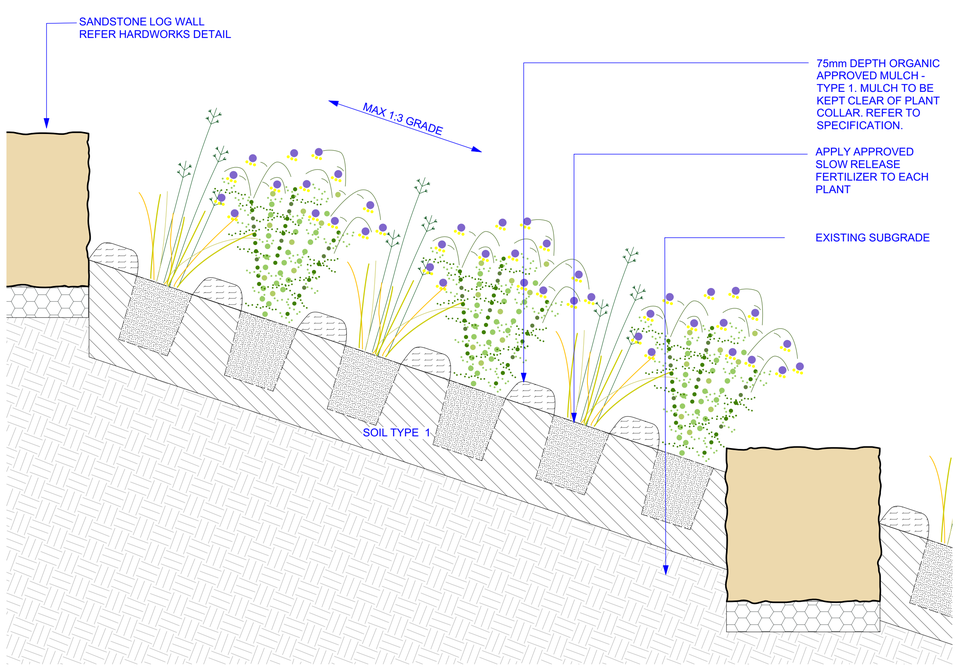
3 MASS PLANTING TYPE 1 | ON GRADE
Scale: 1:10 TYPICAL SECTION



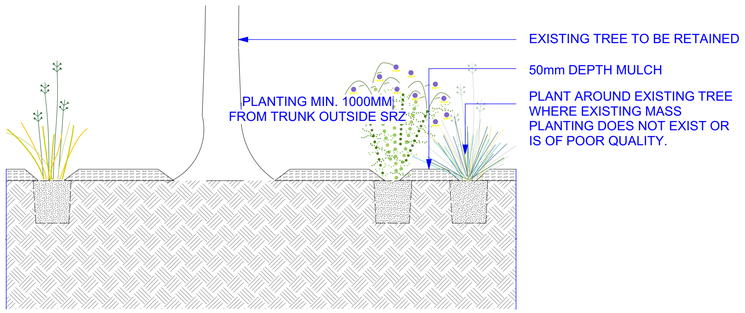
4 MASS PLANTING TYPE 1 | ON SLAB
Scale: 1:10 TYPICAL SECTION



6 WSUD BIORETENTION BASIN
Scale: 1:20 TYPICAL SECTION



5 MASS PLANTING ON EMBANKMENT
Scale: 1:10 TYPICAL SECTION



7 MASS PLANTING AROUND EXISTING TREE
Scale: 1:20 TYPICAL SECTION

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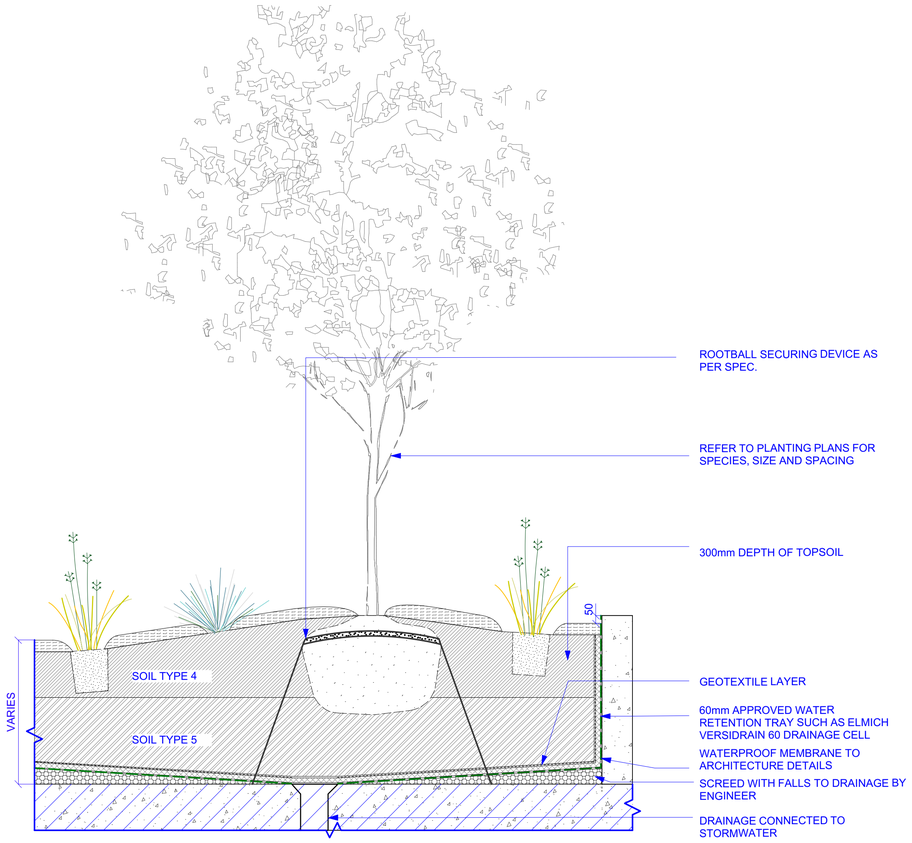
NORTH **SCALE A1 | SCALE A3** **DRAWN** KL | SL **CHECKED** AW

Do not scale - use dimensions & callouts on drawings & schedules. Refer discrepancies to Landscape Architect for clarification.

STATUS
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PRELIMINARY
NOT FOR CONSTRUCTION

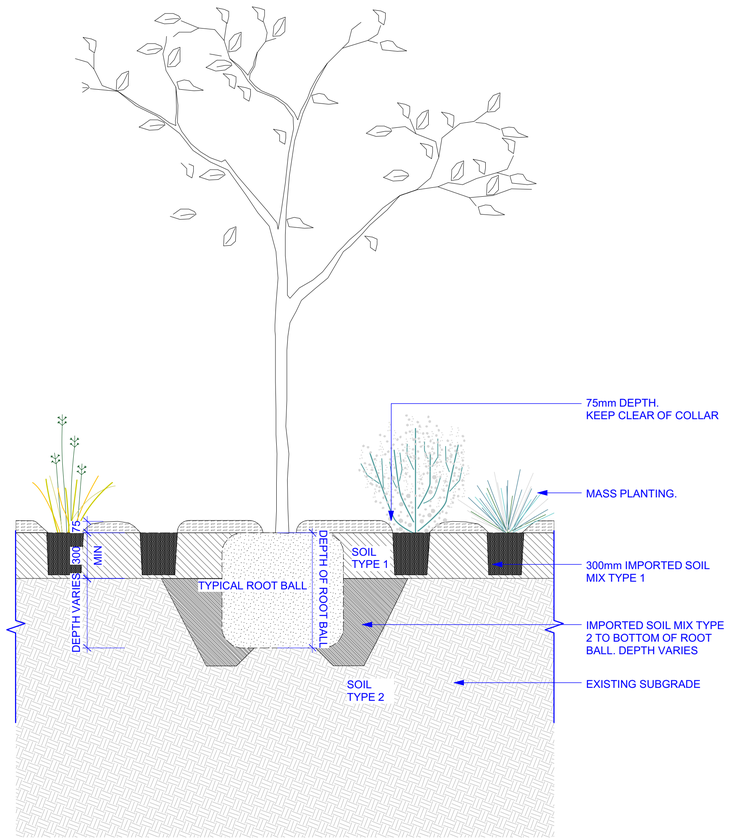
DRAWING
TYPICAL DETAILS
SOFTSCAPE SHEET 01

DRAWING NO. LA-601 **REVISION** 4

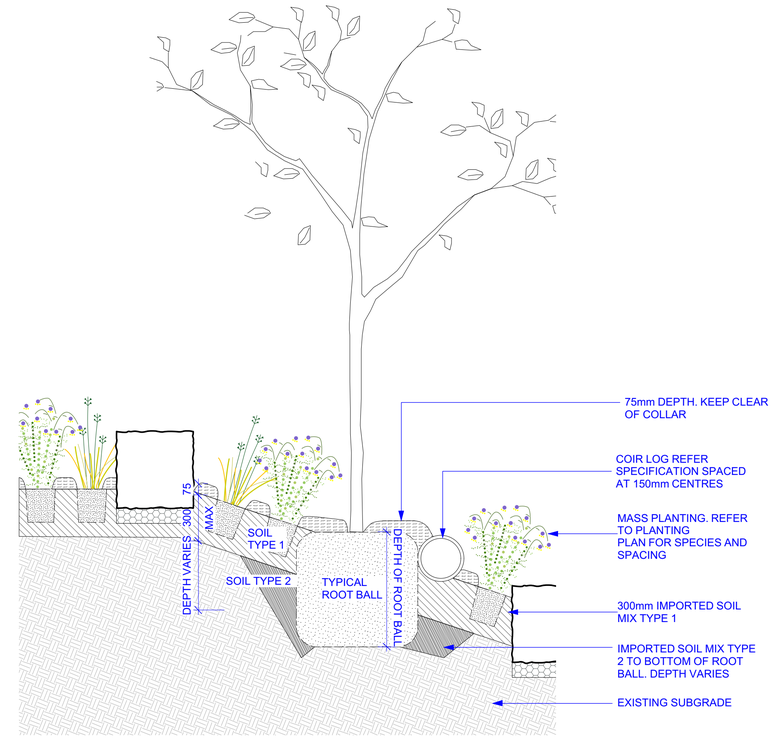


NOTE: SOIL DEPTH VARYS - MIN. 1000mm DEPTH FOR TREES AND 450mm FOR UNDERSTOREY PLANTING.

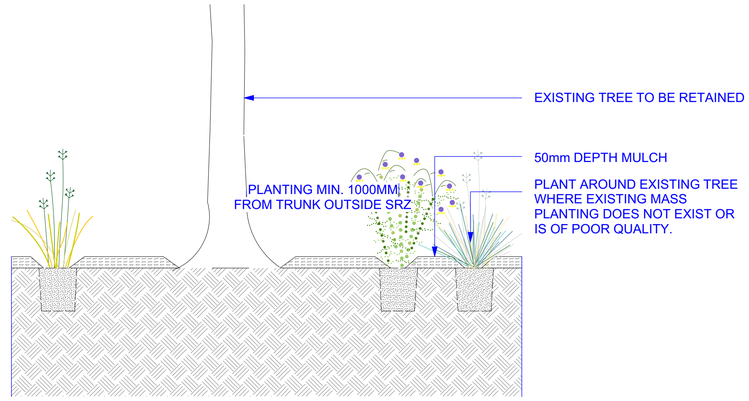
1 TREE PLANTING ON SLAB IN RAISED GARDENBED
Scale: 1:20



2 TREE PLANTING ON GRADE
Scale: 1:20



3 TREE PLANTING ON EMBANKMENT
Scale: 1:20



4 MASS PLANTING TO EXISTING TREE
Scale: 1:20

TYPICAL SECTION

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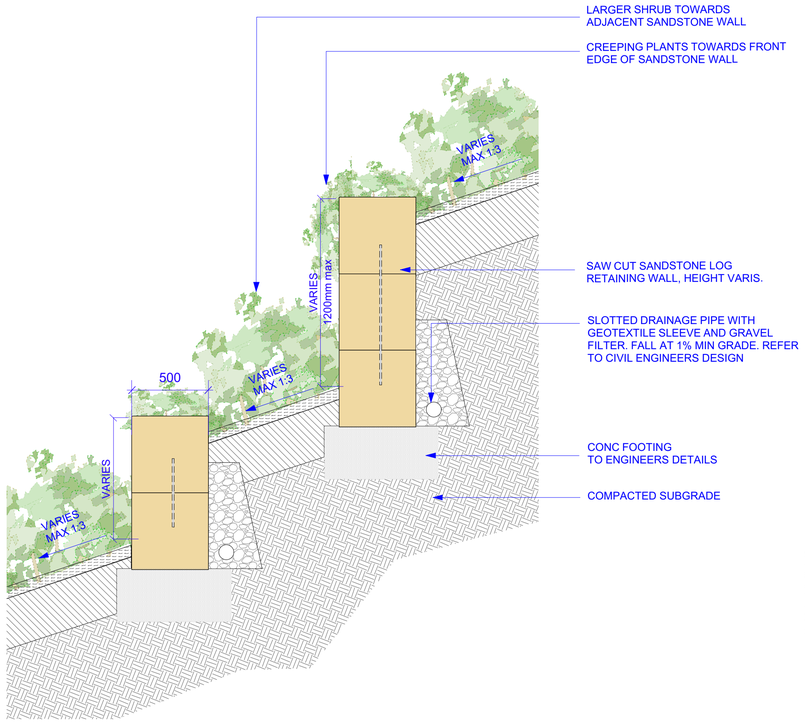
NORTH
SCALE A1 | SCALE A3
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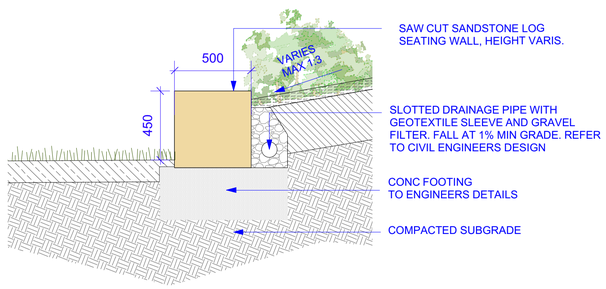
STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
TYPICAL DETAILS
SOFTSCAPE SHEET 02

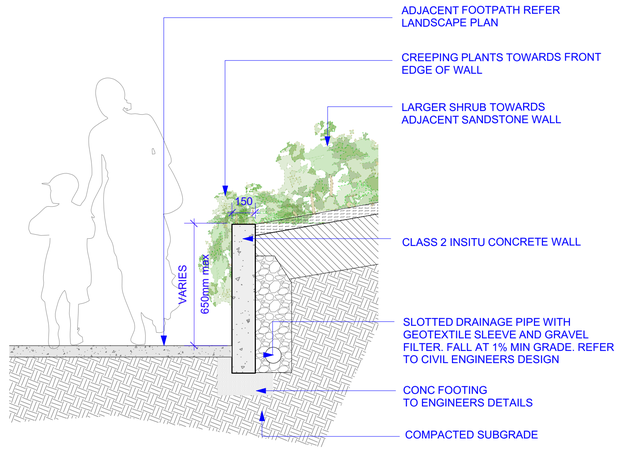
DRAWING NO. LA-602
REVISION 4



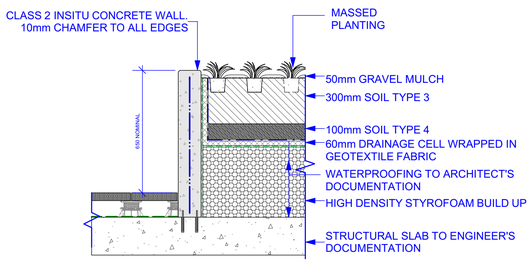
1 TERRACED SANDSTONE WALL - SECTION
Scale: 1:20



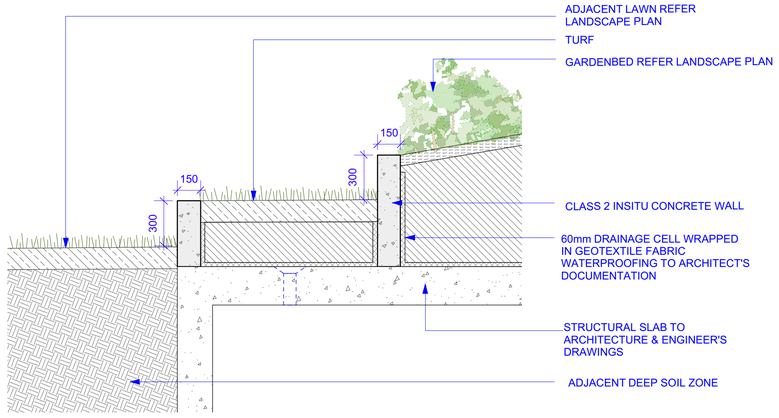
2 SANDSTONE SEAT WALL - SECTION
Scale: 1:20



3 CONCRETE RETAINING WALL - SECTION
Scale: 1:20

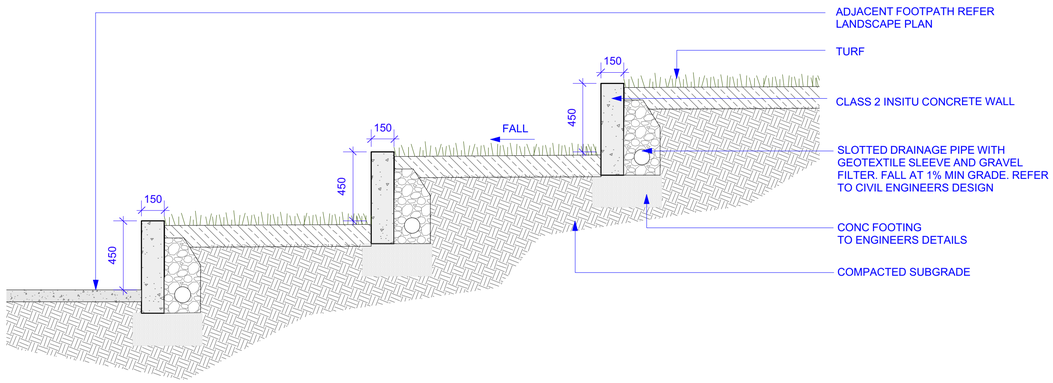


4 RAISED PLANTER WALL ON SLAB - SECTION
Scale: 1:20



5 CONCRETE RETAINING WALL ON SLAB-SECTION
Scale: 1:20

NOTE: TO BE COORDINATED AND DETAILED WITH ARCHITECTURE SLAB AND CONCRETE HOB DESIGN IN DETAIL DESIGN PHASE



6 TERRACED CONCRETE WALL - SECTION
Scale: 1:20

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NORTH **SCALE A1 | SCALE A3** **DRAWN** KL | SL **CHECKED** AW

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STATUS
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PRELIMINARY
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DRAWING
TYPICAL DETAILS
HARDSCAPE

DRAWING NO. LA-603 **REVISION** 3

SOIL & MULCH

SOIL TYPE 1 | IMPORTED TOP SOIL MASS PLANTING ON GRADE A' Horizon (BENEDICT Smartmix #6 native garden soil mix)

Part A. Fit-for-purpose' performance description
A sandy loam to clay loam topsoil mix designed for mass planting of grasses, woody and herbaceous perennials that do not have very high nutrient requirements and is not subject to compaction by pedestrian or other traffic. The heavier textured soils in this specification may require the use of engineered solutions (drainage techniques) where excessive wetness is anticipated. Planting methods may vary and include direct seeding, tube and potted specimens up to 45L.
This planting specification can use site-won topsoil characterised according to *Site soil investigation*.
Appropriate recycled soils may also be incorporated.

SOIL TYPE 2 | IMPORTED TOP SOIL MASS PLANTING ON GRADE B' Horizon (BENEDICT SMARMix #7 native garden subsoil mix)

Part A. Fit-for-purpose' performance description
Generally a low organic matter material that is well balanced chemically, is not saline or sodic or excessively acidic or calcium deficient and not dispersive. It is designed to provide improved rooting depth for larger plantings and reduce the likelihood of waterlogging. It may be made up using site subsoil or fill materials or a blend of both. It is not generally considered to require the application of fertiliser to subsoil but must be low in P if used for P-sensitive plantings.

SOIL TYPE 3 | IMPORTED TOP SOIL MASS PLANTING ON SLAB A' HORIZON (BENEDICT SMRARTMIX #4 lightweight horizon A PLANTER BOX MIX)

Part A. Fit-for-purpose' performance description
This specification describes the formulation of an open granular well-drained growing media with a saturated density of less than 1250 kg/m3 for use in on-slab applications, including green roofs with an expectation of longevity. It is a topsoil formulation to be used in the surface 300 mm of all on-slab installations including planter boxes, containers and garden beds.
In order to maintain structure and porosity over extended periods, and to avoid slumping and volume loss over time, the formulation must employ low density mineral components such as ash, perlite, scoria, pumice and diatomaceous earth, or artificial components such as urea formaldehyde and styrofoam. Physically, the media has the properties of a potting media and is assessed using the methodology of AS 3743.

SOIL TYPE 4 | IMPORTED TOP SOIL MASS PLANTING ON SLAB B' HORIZON (BENEDICT SMRARTMIX #5 lightweight horizon B PLANTER BOX MIX)

Part A. Fit-for-purpose' performance description
The specification describes the formulation of an open granular well-drained growing media with an all-up saturated density of less than 1250 kg/m3 for use in on-slab applications with an expectation of longevity to be used as a subsoil below 300 mm of all on-slab installations, including planter boxes, containers and garden beds.
In order to maintain structure and porosity over extended periods, and to avoid slumping and volume loss over time, the formulation must employ low-density mineral components such as ash, perlite, scoria, pumice and diatomaceous earth, or artificial components such as urea formaldehyde and Styrofoam.
Physically the media has the properties of a potting media and is assessed using the methodology of AS 3743.

Mulch
General
Type: Free of deleterious and extraneous matter including soil, weeds, plastic, metal, paint and sticks. Do not include fine mulch.
Properties:
- Particle size, physical and chemical contaminants: To AS4454 Table 3.1(A).
- pH, electrical conductivity, ammonium, chlorine and other nutrients: To AS3743 Table 2.1 for regular mix.

AS4454 does not discriminate between mulch and soil conditioner, except for particle size. The AS3743 Table 2.1 limits are more appropriate for mulch applied to the soil surface at a high rate. For electrical conductivity the lower value minimises the risk that a high application rate will induce salt burn.

- Organic mulches: Free of stones.

Organic mulch types
Brush chippings and leaf litter: Vegetative material processed through a chipper to pieces not larger than 75 x 50 x 15mm as follows:
- Material permitted: Leaf matter and tree loppings from *Eucalyptus, Tristania and Pinus species*.
- Material not permitted: Leaf matter and tree loppings from privet, camphor laurel, coral tree, poplar, willow, and declared (noxious) weeds.

IRRIGATION PERFORMANCE

IRRIGATION TO BE DESIGNED BY QUALIFIED IRRIGATION CONSULTANT AND / OR CONTRACTOR.

1.1 Responsibilities General
Requirement: Provide automatically controlled, fixed irrigation systems, as documented.
Documented is defined in *0171 General requirements* as meaning contained in the contract documents.
Performance
Requirements:
- Achieve the documented flow rates over the irrigated area.
- Meet statutory requirements for backflow prevention.

Design
This worksection is intended for use when the specifier designs the system. If the contractor is to design part of the system, document the design responsibility here. Include any design constraints and relevant information such as the location of power for automatic controllers, the presence of existing features like rock and intended planting. Document minimum performance requirements such as pipe material using this worksection and require that the contractor supply additional information required to document the system and components.
Include, if appropriate, information that may affect the design including site constraints andconditions of authority approvals.

1.2 Standards Water supply
General: To AS/NZS3500.1.

1.3 Inspection
Notice
Inspection: Give notice so that inspection may be made of the following:
- Excavated surfaces ready for installation.
- Concealed or underground services ready for backfilling.

Amend to suit the project adding critical stageinspections required.

1.4 Valve boxes
Installation
Requirement: Install with top of box, as follows:
- Within playing fields: 150mm below the surface.
- Other locations: Flush with the surface.

Clearance: Allow 100mm minimum clearance from filters and 50mm min clearance from valves.
Base: Concrete plinth or crushed rock.

1.5 Testing
*0171 General requirements*cover tests in **Definitions** and calls for an inspection and testing plan under**SUBMISSIONS, Tests.**
Site tests
Distribution uniformity (DU) Sprinkler: 75%
Distribution uniformity (DU) Subsurface drip: 85%
The Distribution Uniformity (DU) site test must be performed by a recognised irrigation professional.
Minimum recommended DU for open space turf areas is as follows:
- Sprinkler: 75%.
- Subsurface drip: 85%.

1.6 Completion
General
Requirement: On completion of the irrigation system, carry out the following:
- Flush system thoroughly. Check heads, sprays and drippers and clean if blocked.
- Clean strainers.
- Adjust for even distribution with no dry areas.

MAINTENANCE

Performance
Extent of maintenance:
- Weeding of lawn, garden bed areas and pavement.
- Supply and spreading of fertiliser to garden bed areas and pots.
- Supply and installation of mulch to existing garden bed areas and pots.
- Pruning, trimming and tree surgery.
- Adjustment of tree stakes and ties.
- Pest and disease control of plants
- Diagnosis of cause of dead or failed plants and recommendations for corrective actions.
- Replacement of dead or failed plants and lawns.
- Maintenance of irrigation systems.
- Removal of rubbish and debris in garden areas.
- Removal of leaves, mulch and organic debris from pavement and drains.
- Keeping a log book of maintenance activities.
- Providing monthly reports.

General
Weeding
Requirement: Remove unwanted broadleaf plants and grasses considered invasive to the locality.
Program:
Trees and shrubs: As required for planted, paved and mulched areas to be weed free when observed at fortnightly intervals.
Vary the program as required for particular climate zones.
Vigorous ground covers: Keep 200mm clear from the base of any shrub or tree. Remove as follows:
- Small areas: By hand.
- Large areas: Proprietary herbicides.

Herbicide application: Apply as follows:
- To the manufacturer's recommendations.
- When the weather is humid with moderate temperatures and maximum sunlight.
- When the ground has recommended soil moisture.
- Avoid windy days or if rain is likely to follow within 12 hours.

Pest and disease control
Requirement: Control any pests or diseases affecting the lawn and garden bed areas as follows:
- Identify the problem.
- Execute the correct treatment until the problem has been eliminated.
- Apply hazardous material out of normal working hours.
- Protect staff and public from exposure to hazardous materials.

rees and shrubs
Pruning and trimming
General: Prune to reflect the natural growth, flowering and regrowth habit of the individual species.
Program generally: Spring and Summer and on a spot basis as required.
Vary the program as required for particular climate zones.
Shrubs: Prune after flowering.
Hedge trimming: Schedule trimming at times that maintains the character and design of hedges. Allow up to three times per season.
Tip pruning:
- Purpose: To encourage development of new shoots during the active growing season.
- Method: Removal of the top 25mm or growing tip of each branch.
- Restriction: Do not remove buds before the flowering season in those plants that have terminal flowers.

Radical pruning:
- Purpose: To maintain a hedge or formal shape or when a particular problem, growth habit, damage, or disease requires branch removal.

Tree pruning:
- Purpose: To eliminate diseased or damaged growth, avoid inter-branch contact and thin out crowns in a natural manner.
- Maintain sight lines to signs and lights.
- Maintain visibility for personal security.

Tree branch removal:
- To AS4373.
- Give notice and engage a suitably qualified arborist.

Fertilising
Fertilising program: Base the program on soil testing results.
Soil testing: Test soil as follows:
- At the start of the contract.
- Take samples from a cross section of planting beds.

Soil pH adjustment: Apply additional fertilisers and soil conditioners as indicated from soil testing or from the physical soil structure. Maintain a pH range of 5.5 to 6.5.
Program:
- Regular application: Each September and March.

Sensitive native species: Apply fertiliser at an appropriate rate.
Micro nutrients: Apply 1kg of urea in 20litres of water per $100m^2$, through a hose proportioner every four weeks during Summer.

Stakes and ties
Generally: If plants are not self-supporting or if stakes are damaged, stake or re-stake the plants as follows:
- Drive three hardwood stakes placed diagonally with the first stake on the opposite side to the prevailing winds.
- Do not single stake large plants.

Removal: If plants are robust with well-developed systems andno longer require support, remove stakes and ties.
If the site is known to be prone to vandalism, consider calling scheduled rates for the replacement of damaged stakes and plants.
Plant replacements
General: Before replacement, diagnose cause of plant failure and report findings. If failure is due to species incompatibility with site conditions, recommend alternative species. Replace all evergreen plants that have died or lost 50% of their normal foliage cover.
Provide replacement plants as follows:
- Of the same species and variety (or approved alternative) and of the closest commercially available size.
- With a balanced root system in relation to the size of the plant and conducive to successful transpiration. Inspect the root conditions of plants by knocking plants from their containers.
- Without signs of having been stressed at any stage during their development due to inadequate watering, excessive shade/sunlight, suffered physical damage or have restricted habit due to growth in nursery rows.
- Grown in final containers for not less than twelve (12) weeks.

Watering
Edit this clause to suit the contract.
Grass and planted areas
Generally: Maintain a vigorous healthy appearance.
Application rates: Soak to a depth of 150 mm for grass areas and 300 mm for planting. Avoid frequent dampening of the surface. Allow the surface of the soil to partially dry out between waterings. Confirm soaked depth and record in the log book.
Timing: Water at times of day to minimise water evaporation loss. Do not water during the hottest period of Summer days.
Water restrictions: Coordinate the water supply and conform to legislation and restrictions applying at the time.

Hand watering
Requirement: Manually water all lawn and planting areas in absence of an irrigation system or until the proposed irrigation system is fully operational. Avoid frequent dampening of the surface. Allow the surface of the soil to partially dry out between waterings.
Delete this subclause, if hand watering is not required.
Irrigation
Irrigation system program: Adjust to suit the following:
- The precipitation requirements of the individual zones/stations with regard to types of plants.
- The infiltration rate of the soil/medium and associated physical factors, seasons, evaporation, exposure, topography and local authority restrictions.
- Adjustment or shut down during and after periods of prolonged heavy rain.
- Water supply and watering regime of legislation and restrictions applying at the time.

Equipment maintenance:
- Check all components for proper operation.
- Obtain approval to repair or replace damaged component with parts from the same manufacturer.
- Flush any dirt or foreign matter from the system and clear all blockages.

System maintenance: Conform to the **Irrigation system maintenance schedule**.
Programming
Automated systems: Program to coincide with optimum periods of water pressure and water absorption.
Public access: Do not inconvenience persons occupying the site by water spray or by blocking normal pedestrian or traffic flow.
Mulching
General
Clean up: Remove all mulching materials from lawn or paved areas and maintain a clean and tidy appearance when viewed on a weekly basis.
Requirement: Maintain a minimum depth as follows:
- 75mm for organic mulch.

Customise for locally available organic mulches.
Top up: Areas of excessive wear with mulch to match existing.
Incidental works
Supplementary works
General: Execute the following:
- Removal of waste from maintenance work.
- Removal of leaf litter fortnightly during leaf fall.
- Wash paving on completion of herbicide application.

Furniture, signage and barriers
Scope: All fixed and movable features noted in the record drawings.
Furniture and pots:
- Move and relocate as required for maintenance of the area.
- Repair or replace items damaged by the maintenance contract staff.

Signage: Maintain sight line visibility.
Drains
General: Inspect and clean all drainage structures and pit covers and make sure they are in working order. Remove all organic debris.
Frequency: As required, so that all overflow drains are clear when observed at fortnightly intervals.

Irrigation system maintenance schedule
Item Frequency
Filters mainline: Monthly
Electrical source output (auto system): Monthly
Controller (automatic systems): Monthly
Operation progression - Station to Station.: Weekly
Proper activation of valves: Monthly
Proper timing of stations: 6 monthly
Proper time and day readings: Weekly
Exterior appearance: 6 monthly
Valve operation: 6 monthly
Open, close completely (weeping): Weekly
Sprinkler operation: Weekly
Rotaries clogged nozzles: 2 monthly
Plant obstructed pattern: 2 monthly
Arc coverage: 2 monthly
Radius adjustment: 2 monthly
Pop-up action: 2 monthly
Riser seal leaks: 2 monthly
Set to grade: 2 monthly
Coverage pressure: 2 monthly
Rotational speed: 2 monthly
Clogged screens: 2 monthly
Head damage: 2 monthly
Piping: 2 monthly
Leaks broken or cracked pipe: As Needed
Bad solvent welds, bad threaded: As Needed
Connection: As Needed
Clogged pipe: As Needed

Maintenance schedule

WEEK	SPRING (Sept, Oct, Nov)	SUMMER (Dec, Jan, Feb)	AUTUMN (Mar, Apr, May)	WINTER (Jun, Jul, Aug)
1		Weed		Weed
2	Weed; trim and adjust trees and shrubs	Weed; trim and adjust trees and shrubs	Weed; trim and adjust trees and shrubs	Trim and adjust trees and shrubs
3	Treat plant material for insects and disease	Weed; treat plant material for insects and disease		Weed
4	Issue maintenance report	Weed, issue maintenance report	Weed; issue maintenance report	Issue maintenance report
5	Fertilise all trees and shrubs in garden beds	Weed		
6	Weed; Check and adjust irrigation	Check and adjust irrigation	Weed; Check and adjust irrigation	Treat for insects and disease; check and adjust irrigation
7	Reinstate mulch as required; treat plant material for insects and disease	Weed	Reinstate mulch as required	Weed
8	Weed; inspect condition of furniture; issue maintenance report	Inspect condition of paving & furniture; issue maintenance report	Weed; inspect condition of furniture; issue maintenance report	Inspect condition of furniture; issue maintenance report
9		Treat plant material for insects and disease		Weed
10	Weed		Weed; treat plant material for insects and disease	
11	Trim and adjust trees and shrubs	Weed	Trim and adjust trees and shrubs	Prune back trees and shrubs after flowering
12	Weed;treat plant material for insects and disease		Weed	Treat plant material for insects and disease
13	Check and adjust irrigation; issue maintenance report	Check and adjust irrigation; weed; issue maintenance report	Check and adjust irrigation; weed; issue maintenance report	Check and adjust irrigation; weed; issue maintenance report

NOTE: LANDSCAPE NOTES FOR DA ONLY, FULL LANDSCAPE SPECIFICATION TO BE PROVIDED AT TENDER PHASE

NOTES / KEY PLAN

DATE	REV	AMENDMENTS
26/04/2022	1	ISSUE FOR INFORMATION
06/05/2022	2	ISSUE FOR DA
04/10/2022	3	ISSUE FOR DA

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LOT 18,19&20

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Do not scale - use dimensions & callouts on drawings & schedules. Refer discrepancies to Landscape Architect for clarification.

STATUS
DEVELOPMENT APPLICATION
PRELIMINARY
NOT FOR CONSTRUCTION

DRAWING
LANDSCAPE NOTES

DRAWING NO. LA-701
REVISION 3

DEVELOPMENT APPLICATION LANDSCAPE CHECKLIST

Applications without the completed check list will not be accepted and will remain on the Planning Portal until a Request for Further Information has been completed.

The purpose of this check list is to provide a guide for applicants enabling them to prepare landscape related information to Council's requirements when submitting a DA and/or construction certificate (CC) application.

All property owners must satisfactorily address **Compulsory Landscape Requirements (Section A).**
Properties affected those situations listed on page 2 will be required to submit **Landscape Documentation (Section B).**
Properties affected those situations listed on page 3 will be required to submit **Landscape Documentation (Section C).**

Development Type	Minimum % of site to be 'Landscaped
Dwelling Houses	35%
Dual Occupancies	35%
Villa Homes	35%
Town Houses	35%
Residential Flat Buildings	40% with up to 15% on structure
Motels	50%
Industrial	20% + an additional 10% on structure

Landscaped area is defined as:

part of a site used for growing plants, grasses and trees, but does not include any building, structure or hard paved area or basement car-parking

Section A - Compulsory Landscape Requirements – For all Development Applications

	Applicant	Council
Sheet information: North Point, Bar Scale, Designers Name and Credentials, Issue andRevision number, Date	✔	
Survey Plan indicating existing trees at 1:100 as an underlay to the landscape plan	✔	
Existing trees within the property; and any neighboring trees (including street trees) within 5m of the property boundary with species, height, trunk diameter, and canopy spread	✔	
Proposed tree protection measures provided by the Level 5 Project Arborist and any mitigation measures to be undertaken within the Tree Protection Zone of any retained tree	✔	
Existing services and easements from the survey and shown on the landscape plan, **Proposed services** and **Easements** shall also be shown on the landscape plan	✔ Future at DD stage	
Existing development – Location of all structures, rock outcrops or other significant landscape features	✔	
Proposed development – Location of building footprint, OSD, driveways, landscapefeatures, structural landscaping, ancillary buildings, pool footprint and proposed levels	✔	
Landscape calculations: percentage of landscaped area and deep soil planting clearly delineated and shown as a percentage of the overall site size	✔	
Tree incursions: Clearly indicate graphically where the root zone of existing trees to be retained may come into conflict with any part of the demolition of existing or installation of proposed	✔	

** All Applicants must provide the information above on a separate plan, sign and submit this page of the checklist. This section does not require the services of a specialized landscape Professional. However, further information may be required by Council's Landscape Architect at their discretion.*

APPLICANT

Print Name: SIFEI LIU

Applicant Signature: _____ **Date:** 10.10.2022

Section B - For Residential properties affected by those situations listed below:

- Development on heritage listed sites
- Properties affected by DCP Part H- Bushland Protection, Development Adjacent to Bushland
- Properties affected by Riparian Land
- Properties within the Sydney Foreshores & Waterways boundary area

	Applicant	Council
Sheet information: North Point, Bar Scale, Designers Name and Credentials, Issue andRevision number, Date, Landscape designer's name, qualifications, company name, contact phone details are on plan.	☑	
Survey Plan indicating existing trees at 1:100 as an underlay to the landscape plan	☑	
Existing trees within the property; and any neighboring trees (including street trees) within 5m of the property boundary with species, height, trunk diameter, and canopy spread	☑	
Proposed tree protection measures provided by the Level 5 Project Arborist and any mitigation measures to be undertaken within the Tree Protection Zone of any retained tree	☑	
Existing services and easements from the survey and shown on the landscape plan, **Proposed services** and **Easements** shall also be shown on the landscape plan	☑ Future at DD stage	
Existing development – Location of all structures, rock outcrops or other significant landscape features	☑	
Proposed development – Location of building footprint, OSD, driveways, landscapefeatures, structural landscaping, ancillary buildings, pool footprint and proposed design levels to AHD	☑	
Landscape calculations: percentage of landscaped area and deep soil planting clearly delineated and shown as a percentage of the overall site size, existing vs proposed canopy cover percentage may be required	☑	
Planting plan: with lawn areas, all new plantings, plant schedule showing species, container size and size at maturity oil types, soil additives and mulches to be used	☑	
Stormwater dispersal trench as provided by the Stormwater Engineer shall be located onthe landscape plan (where applicable) showing any conflicts with roots of retained trees	☐ N/A	
Bulk Earthworks showing any possible conflicts with the roots of trees to be retained as wellas any mitigation measures	☑ Inc. Appendix 15 of DA set	
Sections and elevations clearly showing the relationship of the proposed landscaping with the built form. A minimum of two sections east – west and north – south required	☑	
12 Month maintenance plan outlining the horticultural methods to be used to ensure the ongoing health and vigor of all plant materials on the subject site	☑	

* *All Applicants must provide the information above in a Landscape Documentation Package, sign and submit this page of the checklist. This section does require the services of a specialized Landscape Professional as per LCC DCP Part J - Landscaping. Further information may be required by Council's Landscape Architect at their discretion.*

LANDSCAPE ARCHITECT / DESIGNER

Print Name: SIFEI LIU **Qualifications:** AILA registered Landscape Architect

Landscape Professional Signature: _____ **Date:** 10.10.2022

Section C – For Commercial / Industrial and all Multi – Dwelling or Hotels

Not applicable	Applicant	Council
Sheet information: North Point, Bar Scale, Designers Name and Credentials, Issue andRevision number, Date, Landscape designer's name, qualifications, company name, contact phone details are on plan.	☐	
Survey Plan at 1:100 as an underlay to the landscape plan **Site Analysis Plan** indicating sensitive root zone areas, any possible remnant plant communities, site constraints – limiting factors and the best opportunities for siting the building footprint	☐	
Existing trees within the property; and any neighboring trees (including street trees) within 5m of the property boundary with species, height, trunk diameter, and canopy spread	☐	
Proposed tree protection measures provided by the Level 5 Project Arborist and any mitigation measures to be undertaken within the Tree Protection Zone of any retained tree	☐	
Existing services and easements from the survey and shown on the landscape plan, **Proposed services** and **Easements** shall also be shown on the landscape plan	☐	
Existing development – Location of all structures, rock outcrops or other significant landscape features	☐	
Proposed development – Location of building footprint, OSD, driveways, landscapefeatures, structural landscaping, ancillary buildings, pool footprint and proposed design levels to AHD	☐	
Landscape calculations: percentage of landscaped area and deep soil planting clearlydelineated and shown as a percentage of the overall site size, existing vs proposed canopy cover percentage may be required	☐	
Planting plan: with lawn areas, all new plantings, plant schedule showing species, container size and size at maturity oil types, soil additives and mulches to be used	☐	
Stormwater dispersal trench as provided by the Stormwater Engineer shall be located onthe landscape plan (where applicable) showing any conflicts with roots of retained trees	☐	
Bulk Earthworks showing any possible conflicts with the roots of trees to be retained as wellas any mitigation measures	☐	
Sections and elevations clearly showing the relationship of the proposed landscaping with the built form. A minimum of two sections east – west and north – south required	☐	
12 Month maintenance plan outlining the horticultural methods to be used to ensure the ongoing health and vigor of all plant materials on the subject site	☐	
Raised planter boxes are to be fully detailed at the DA stage including height, depth of soil, soil composition, waterproofing, and construction methods and materialsas per Lane Cove Council's DCP Part J Landscaping.	☐	
Automatic irrigation system to be designed by a qualified irrigation designer and shown on the landscape plan ensuring all raised planter boxes and garden beds are irrigated adequately	☐	
Communal Open Space clearly outlined with calculations in accordancewith DCP part J – Landscaping, Part B – Residential Development, and the Apartment Design Guide	☐	

* *All Applicants must provide the information above in a Landscape Documentation Package, sign and submit this page of the checklist. This section does require the services of a Landscape Architect as per LCC DCP Part J - Landscaping. Further information may be required by Council's Landscape Architect at their discretion.*

LANDSCAPE ARCHITECT

Print Name: _____ **Qualifications:** _____

Landscape Professional Signature: _____ **Date:** _____