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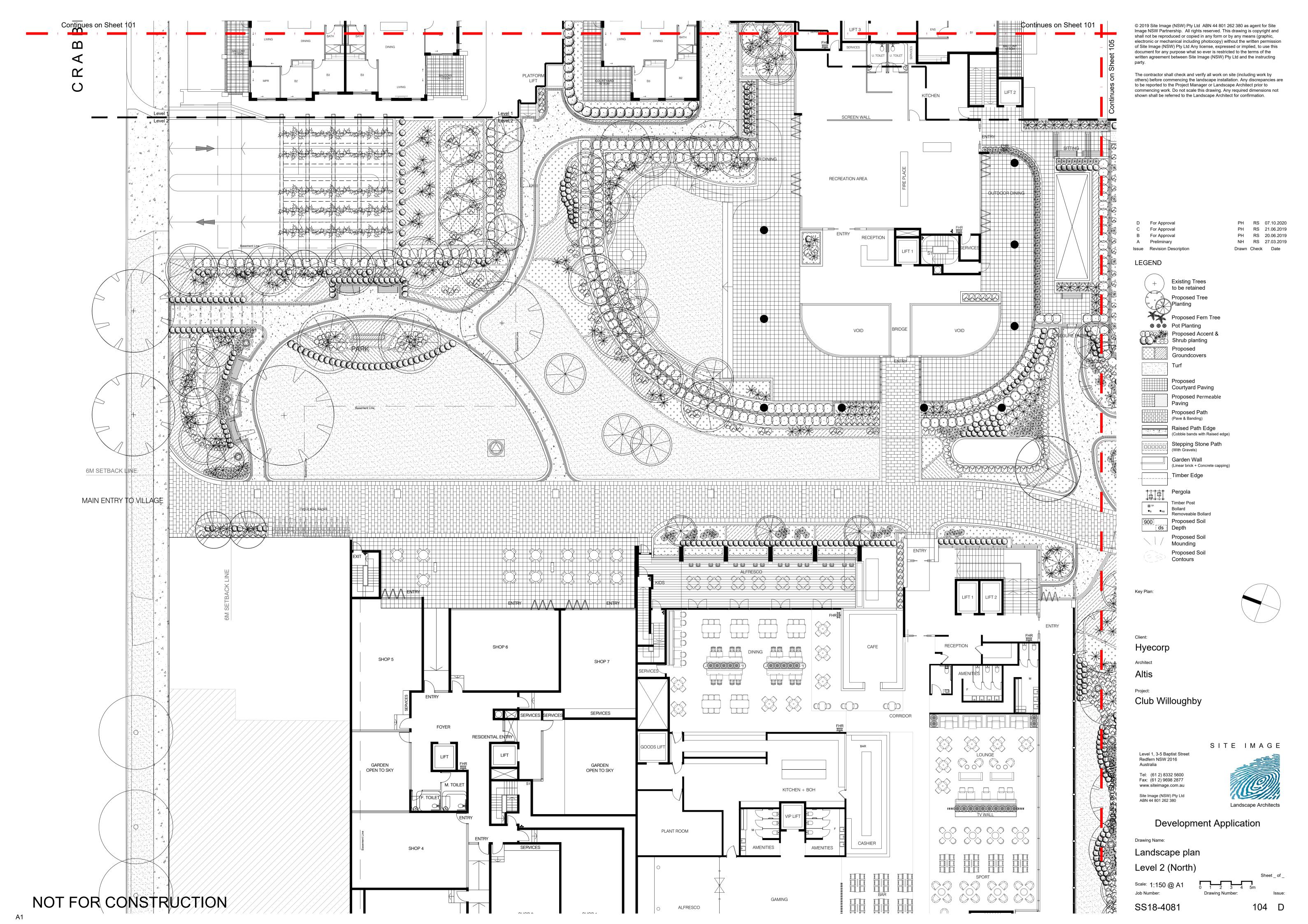
Development Application

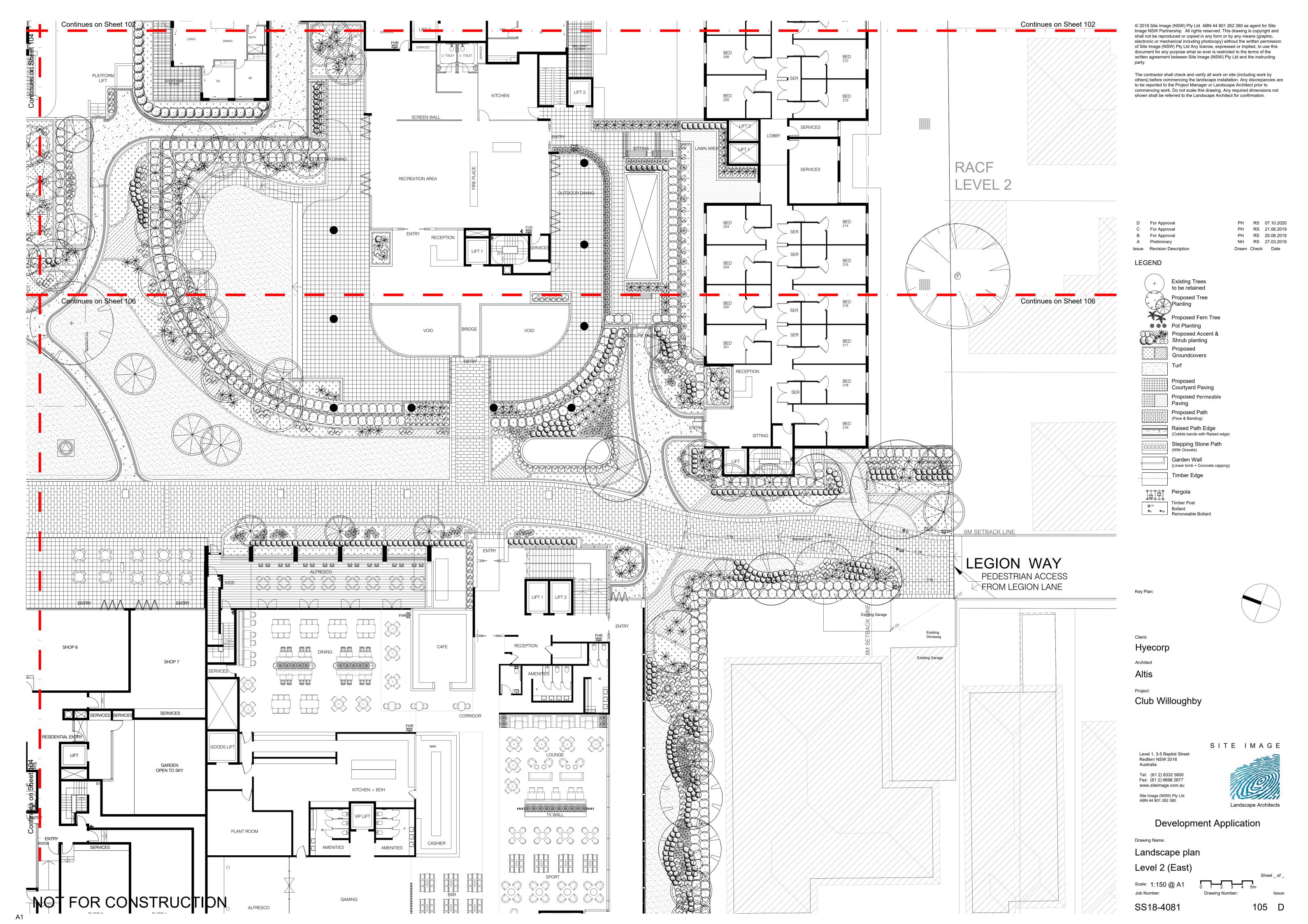
Landscape plan Level 1 (South)

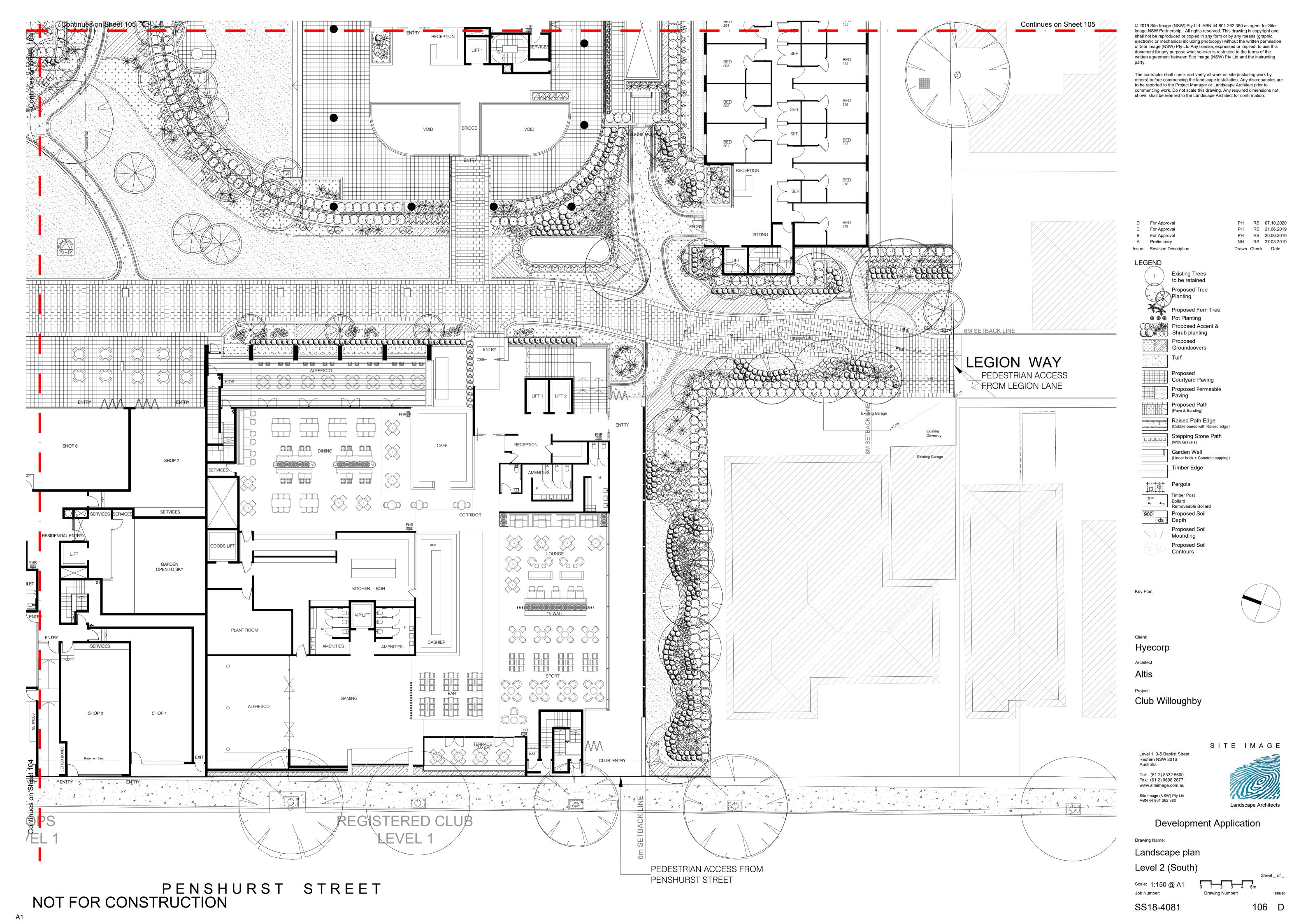
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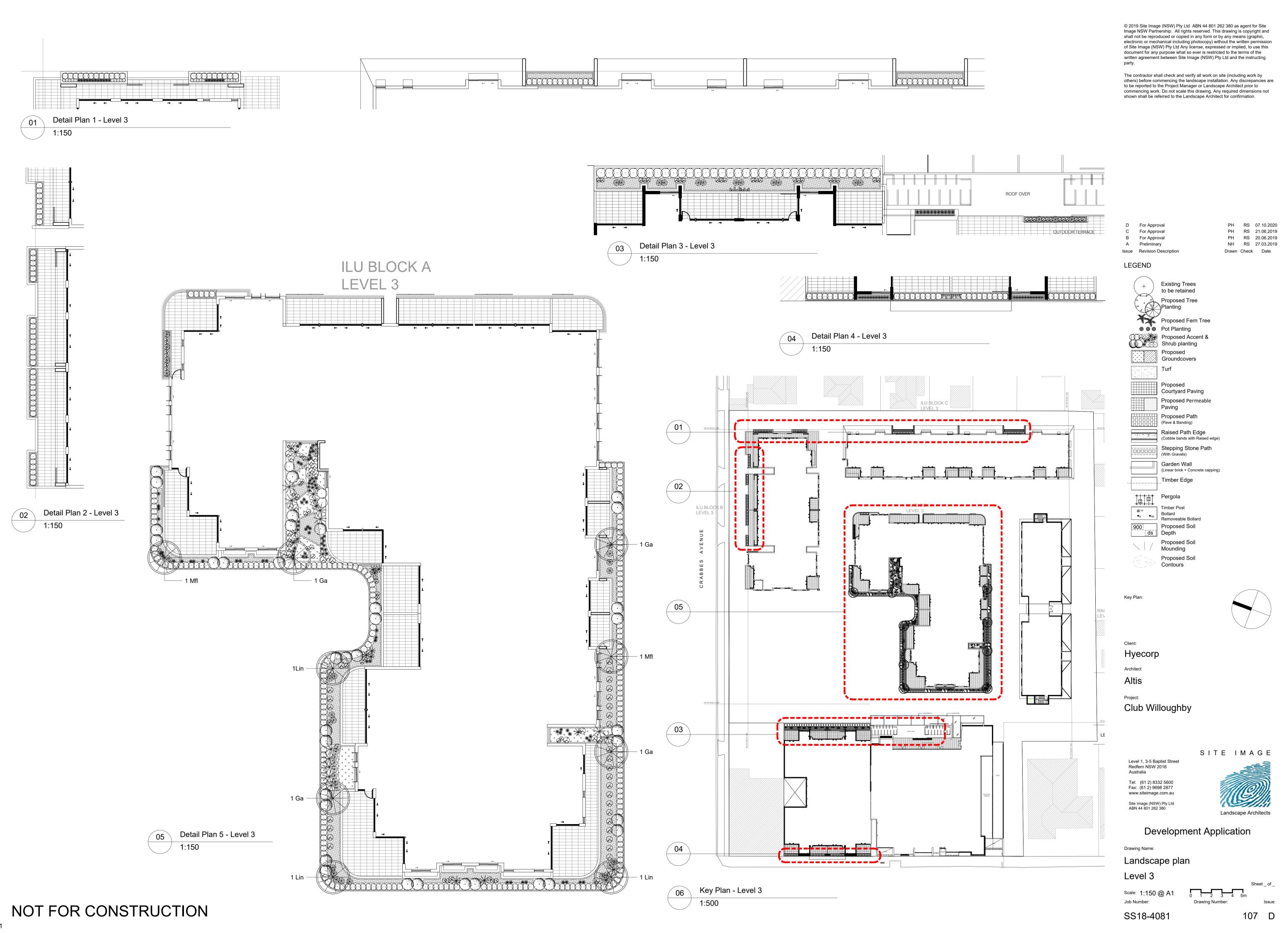
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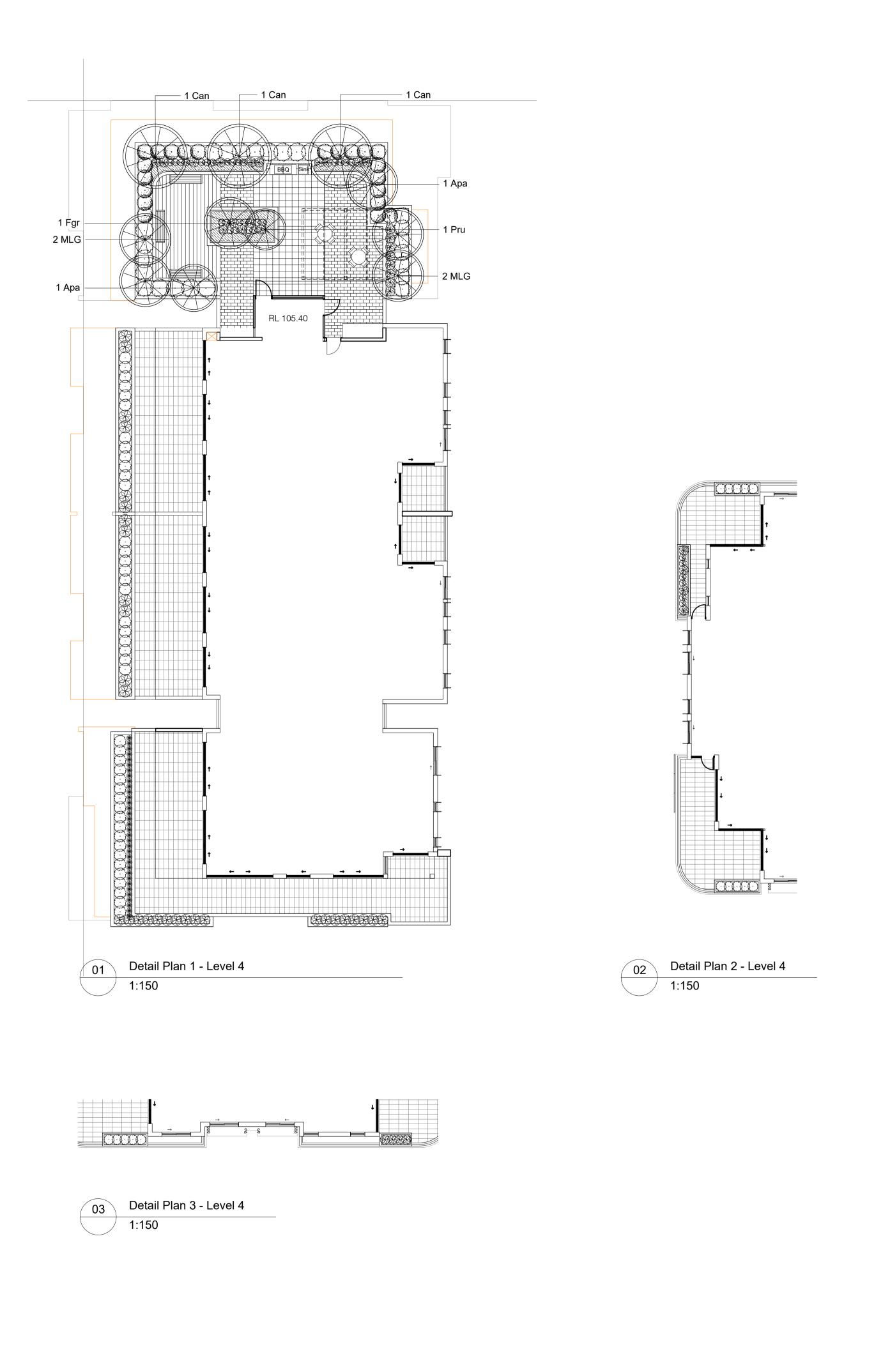
Job Number: SS18-4081

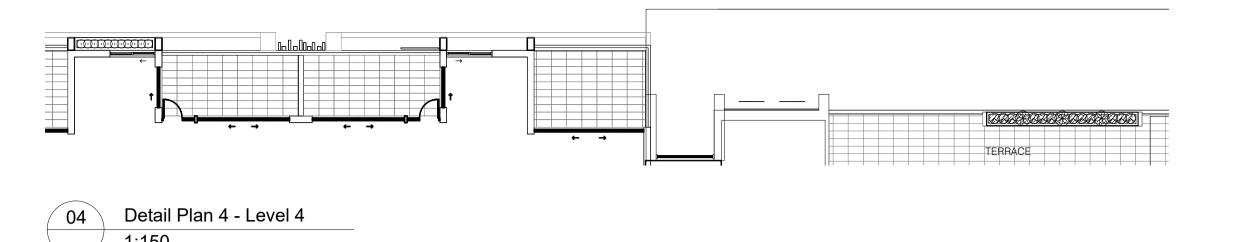


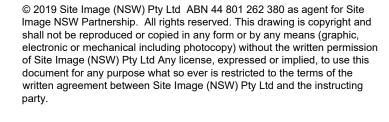












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D For Approval

C For Approval

B For Approval

A Preliminary Issue Revision Description

LEGEND

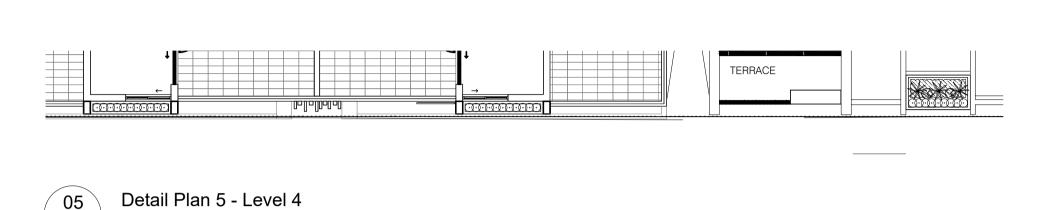
PH RS 07.10.2020

PH RS 21.06.2019

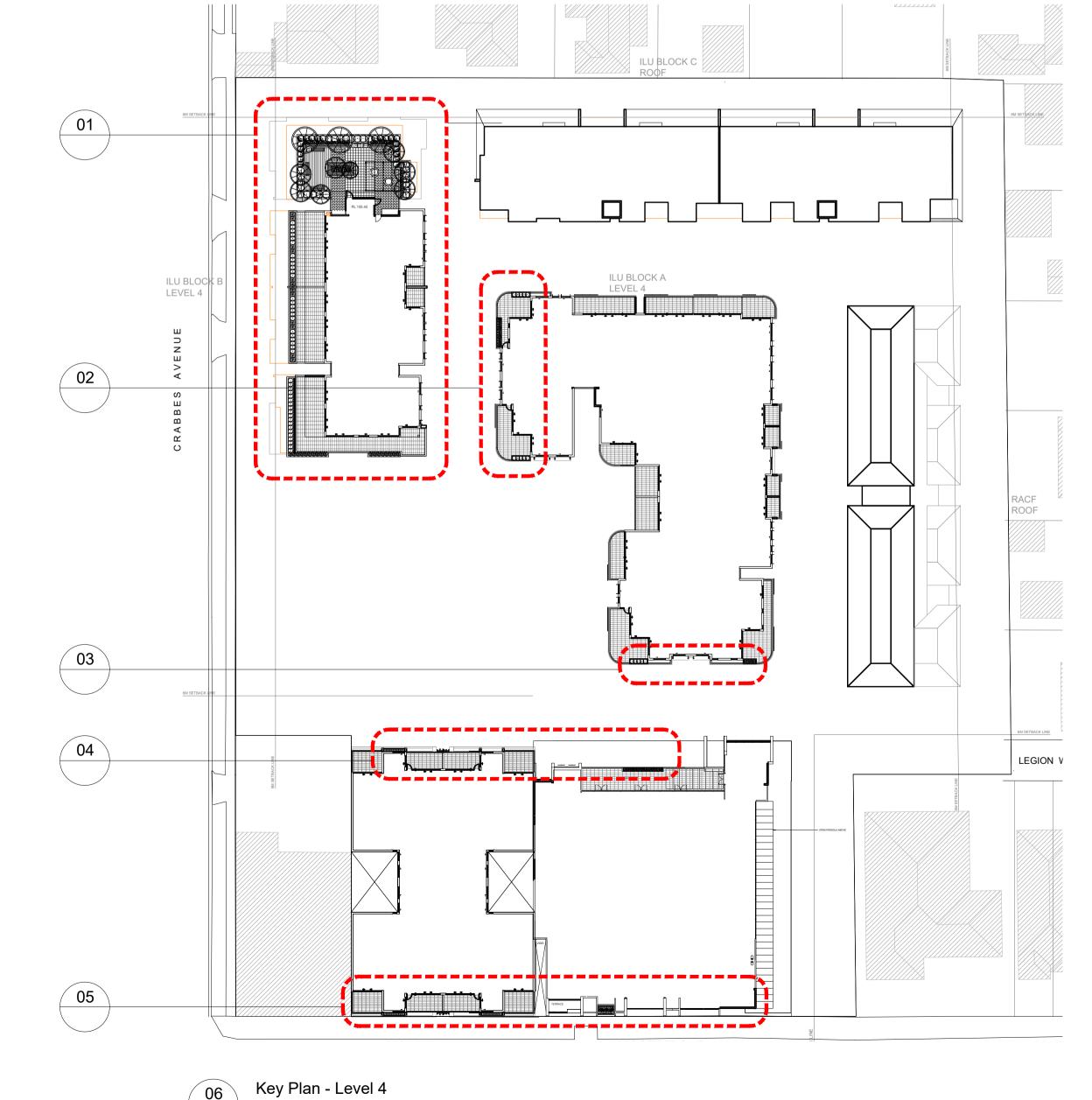
PH RS 20.06.2019

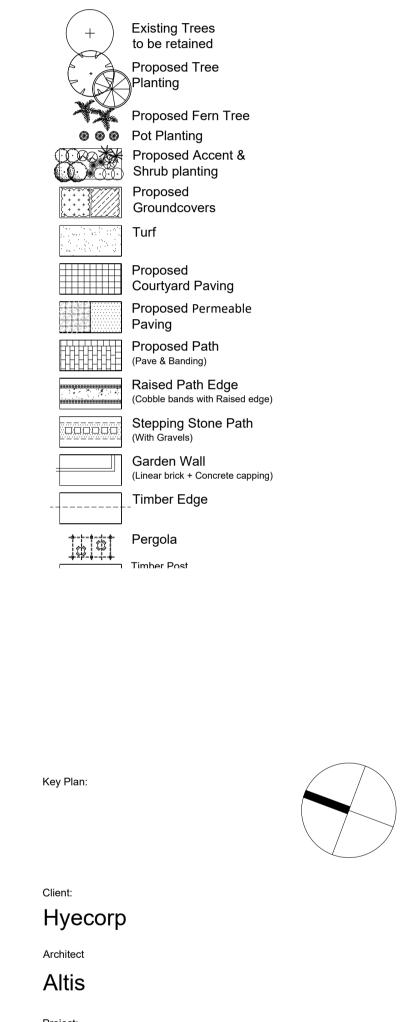
NH RS 27.03.2019

Drawn Check Date



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Australia

Club Willoughby



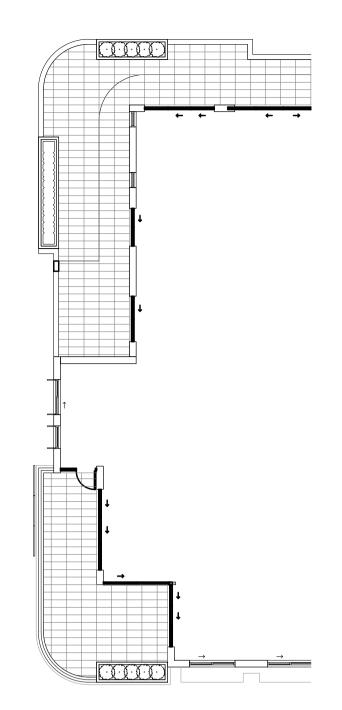
Development Application

Landscape plan

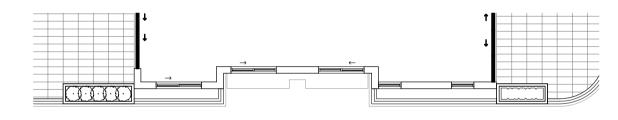
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108 D

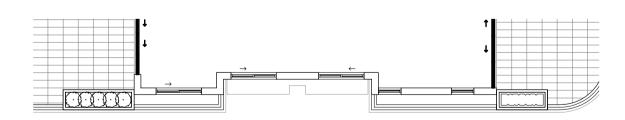
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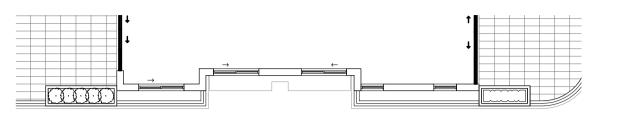
Detail Plan 1 - Level 5



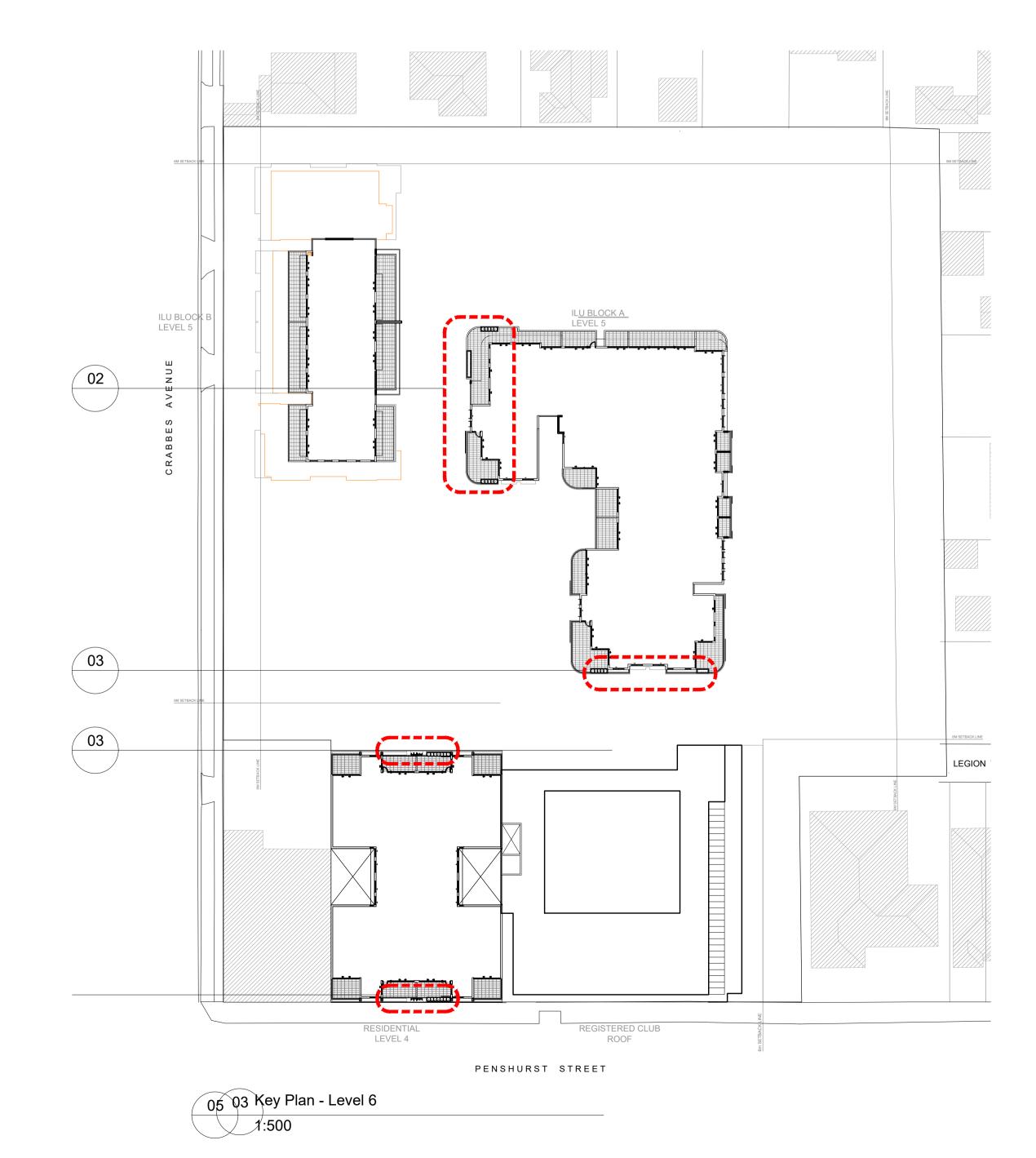
Detail Plan 3 - Level 5 1:150



Detail Plan 4 - Level 5

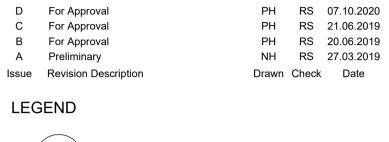


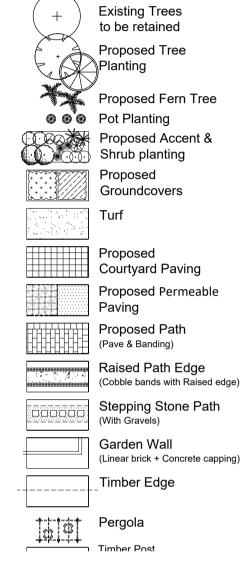
Detail Plan 2 - Level 5



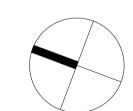
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Key Plan:



Hyecorp

Architect

Club Willoughby



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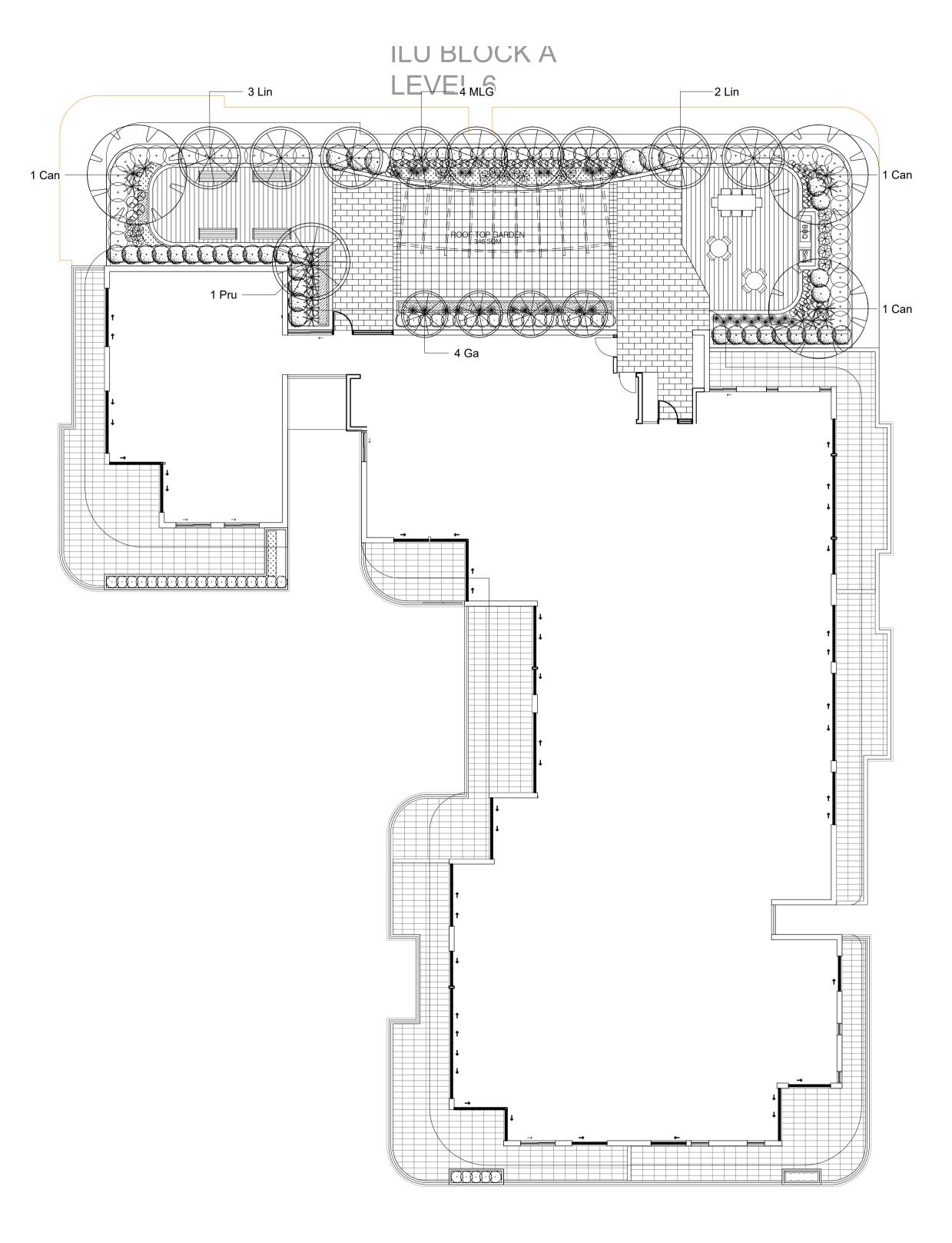
Landscape plan

Level 5

Scale: 1:150 @ A1

SS18-4081

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01 Detail Plan - Level 6

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D For Approval C For Approval B For Approval

A Preliminary Issue Revision Description

> **Existing Trees** to be retained Proposed Tree

Proposed Fern Tree
Pot Planting

Proposed Accent & Shrub planting

Proposed Groundcovers

Proposed

Paving

Raised Path Edge

Garden Wall

Timber Edge

Pergola
Timber Post

Courtyard Paving Proposed Permeable

Proposed Path (Pave & Banding)

(Cobble bands with Raised edge)

Stepping Stone Path
(With Gravels)

(Linear brick + Concrete capping)

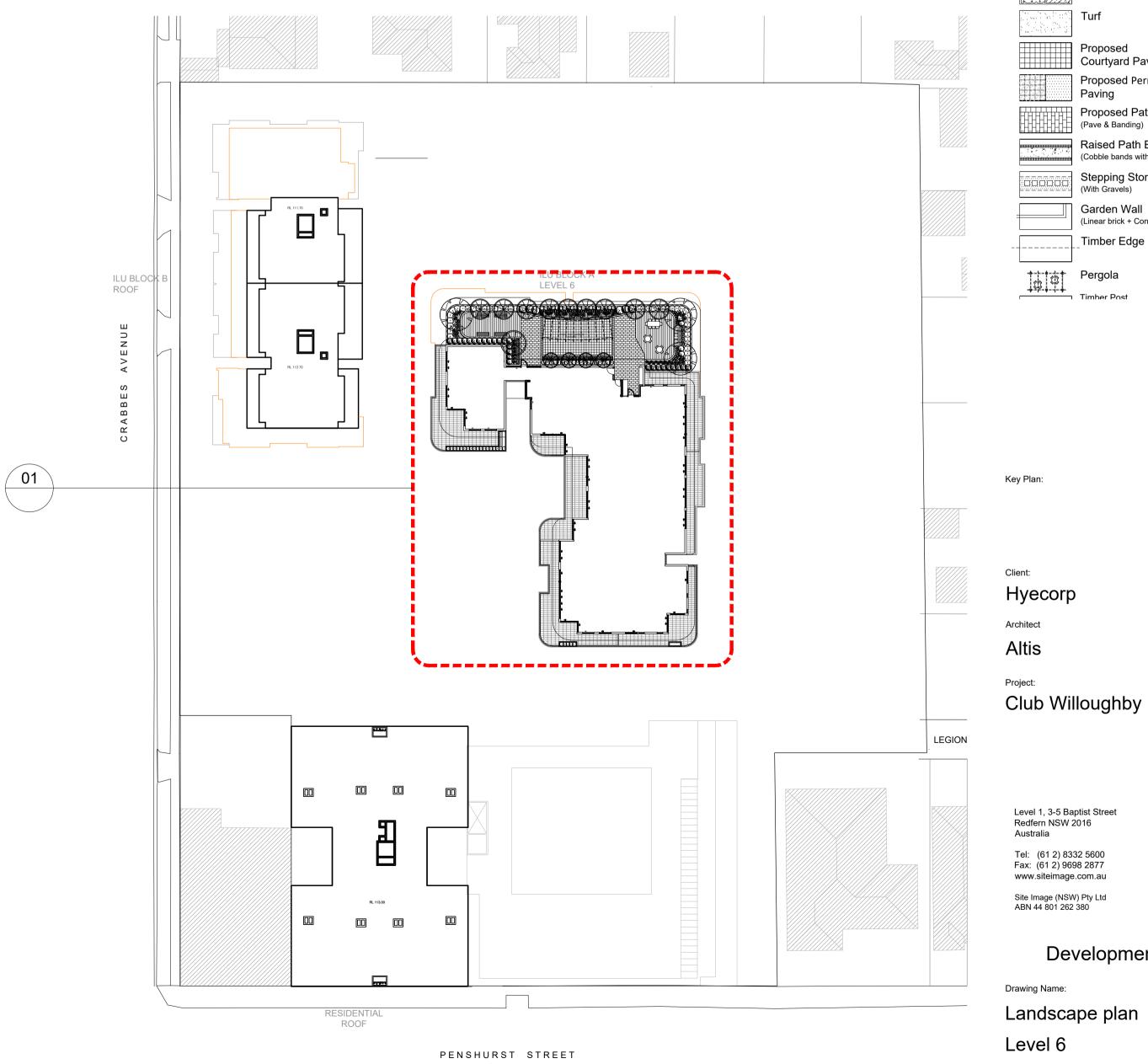
Planting

LEGEND

PH RS 07.10.2020 PH RS 21.06.2019 PH RS 20.06.2019

NH RS 27.03.2019

Drawn Check Date



Key Plan - Level 6

1:500

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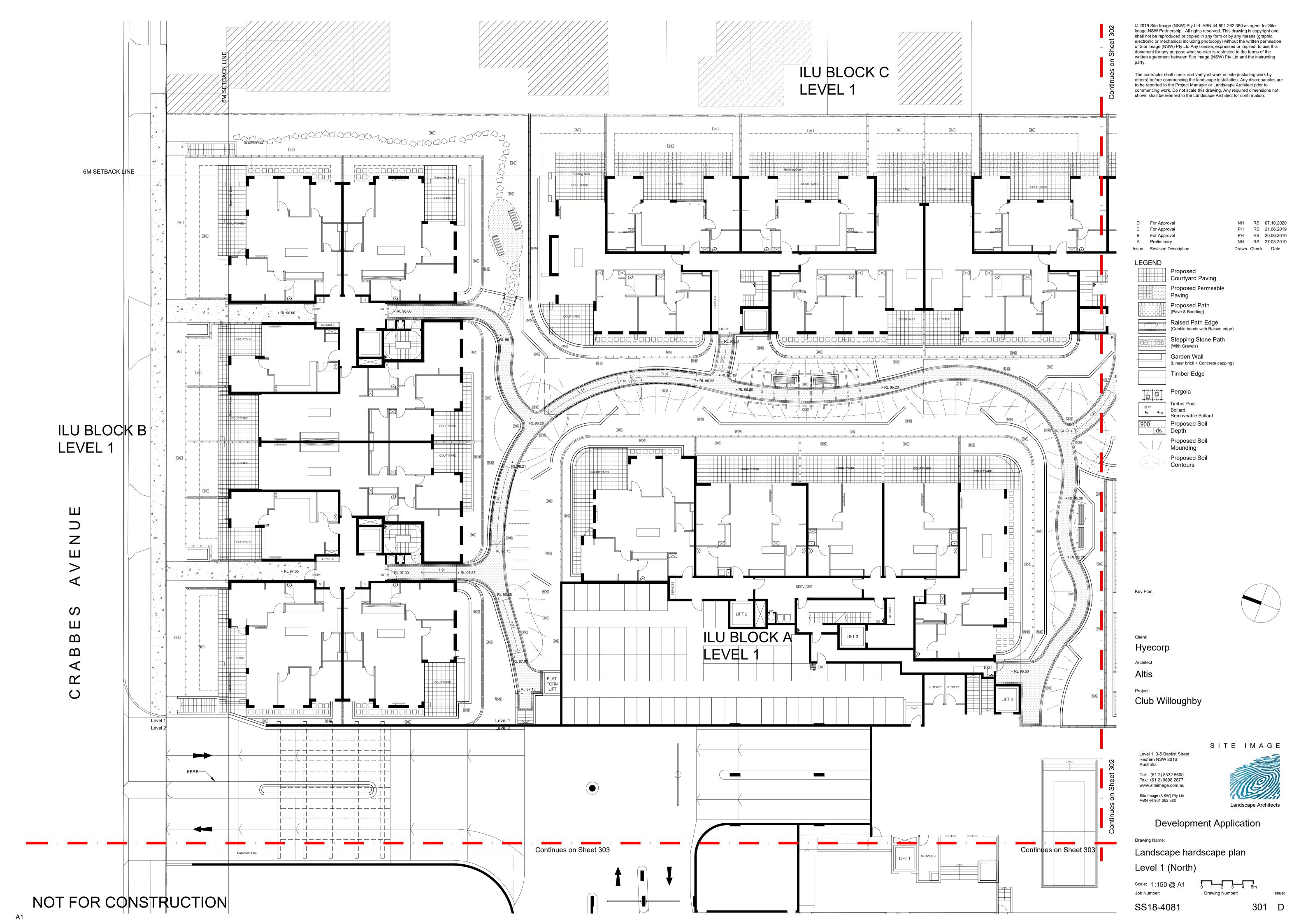
Development Application

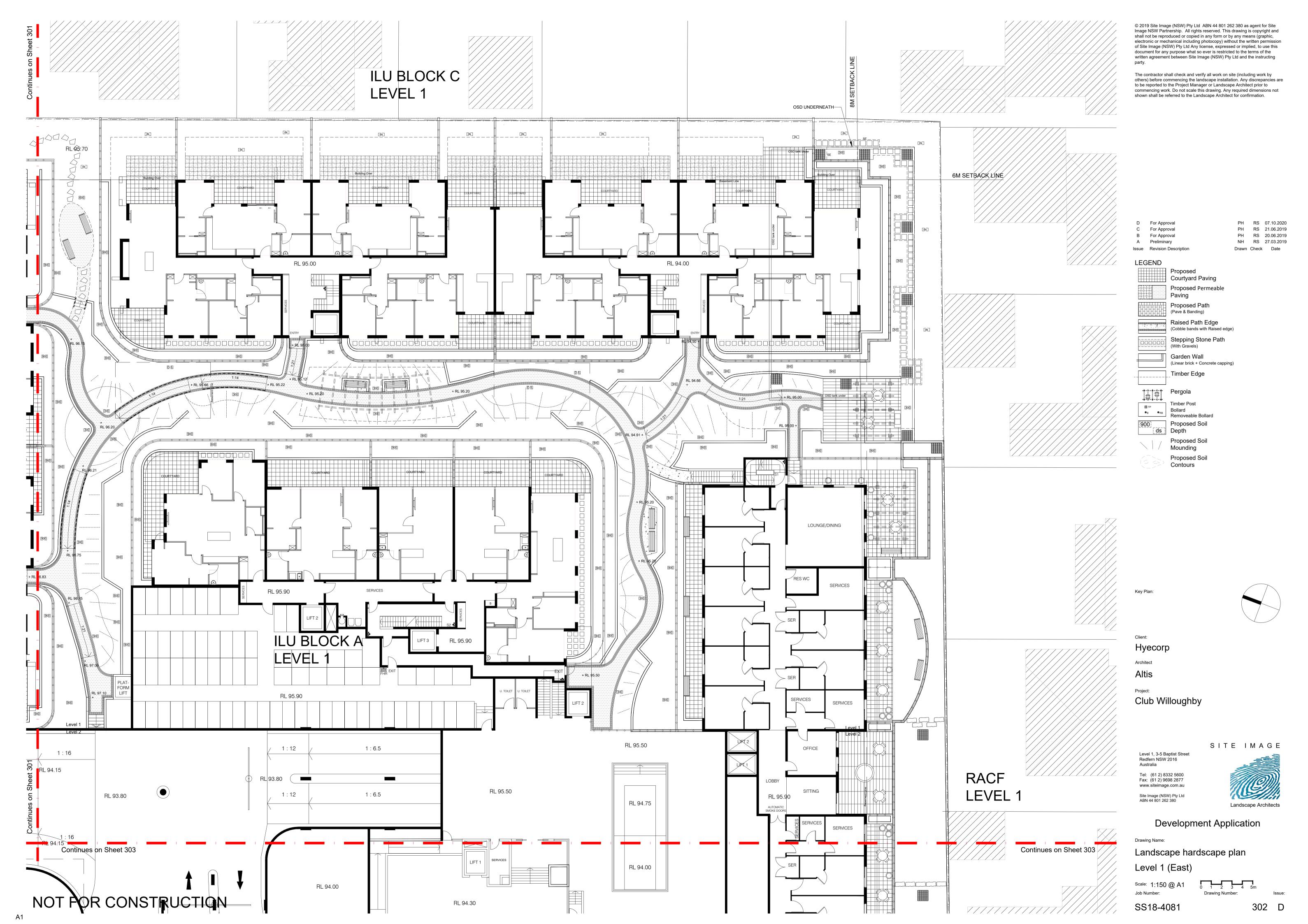
Landscape plan

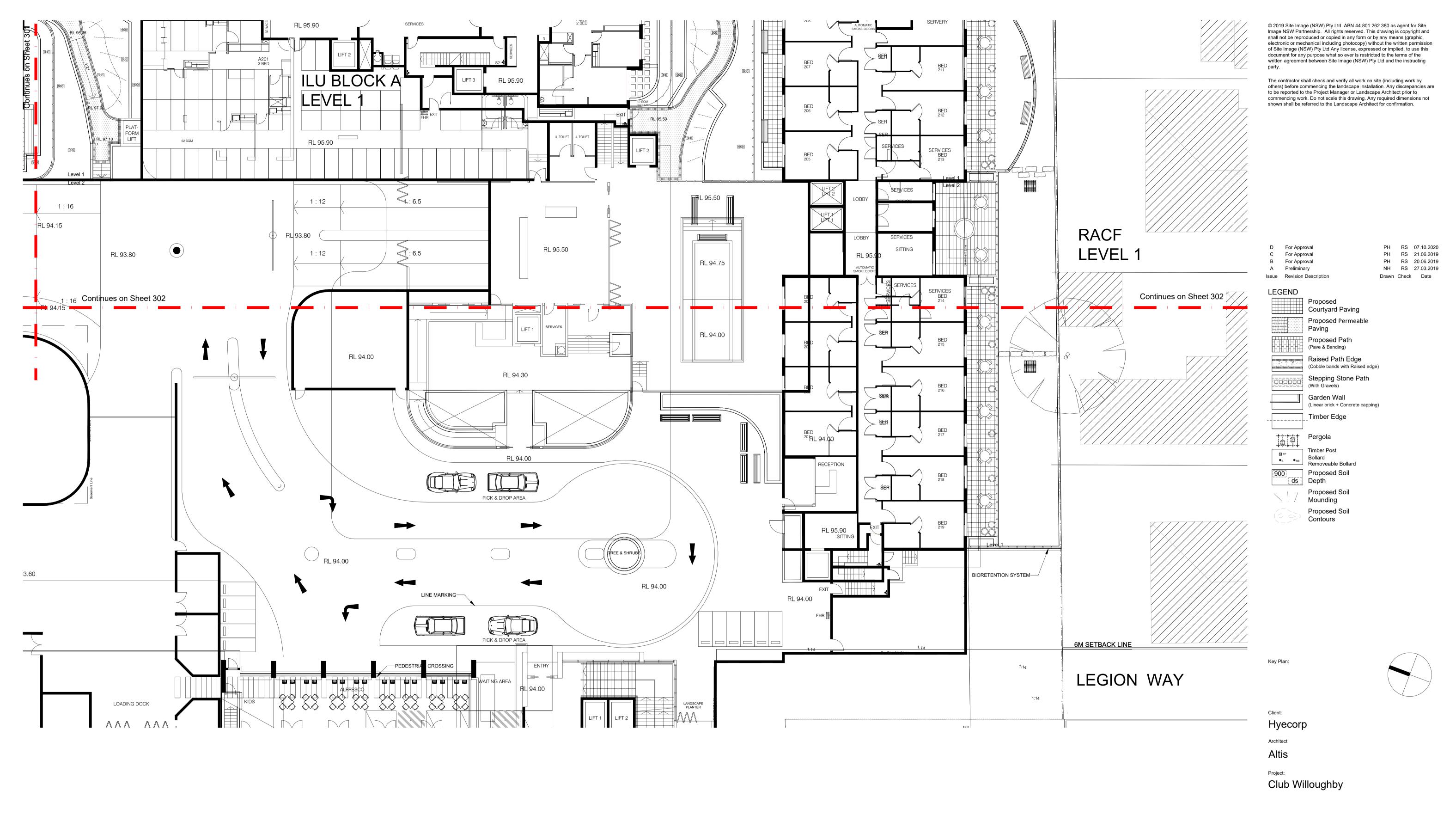
Level 6

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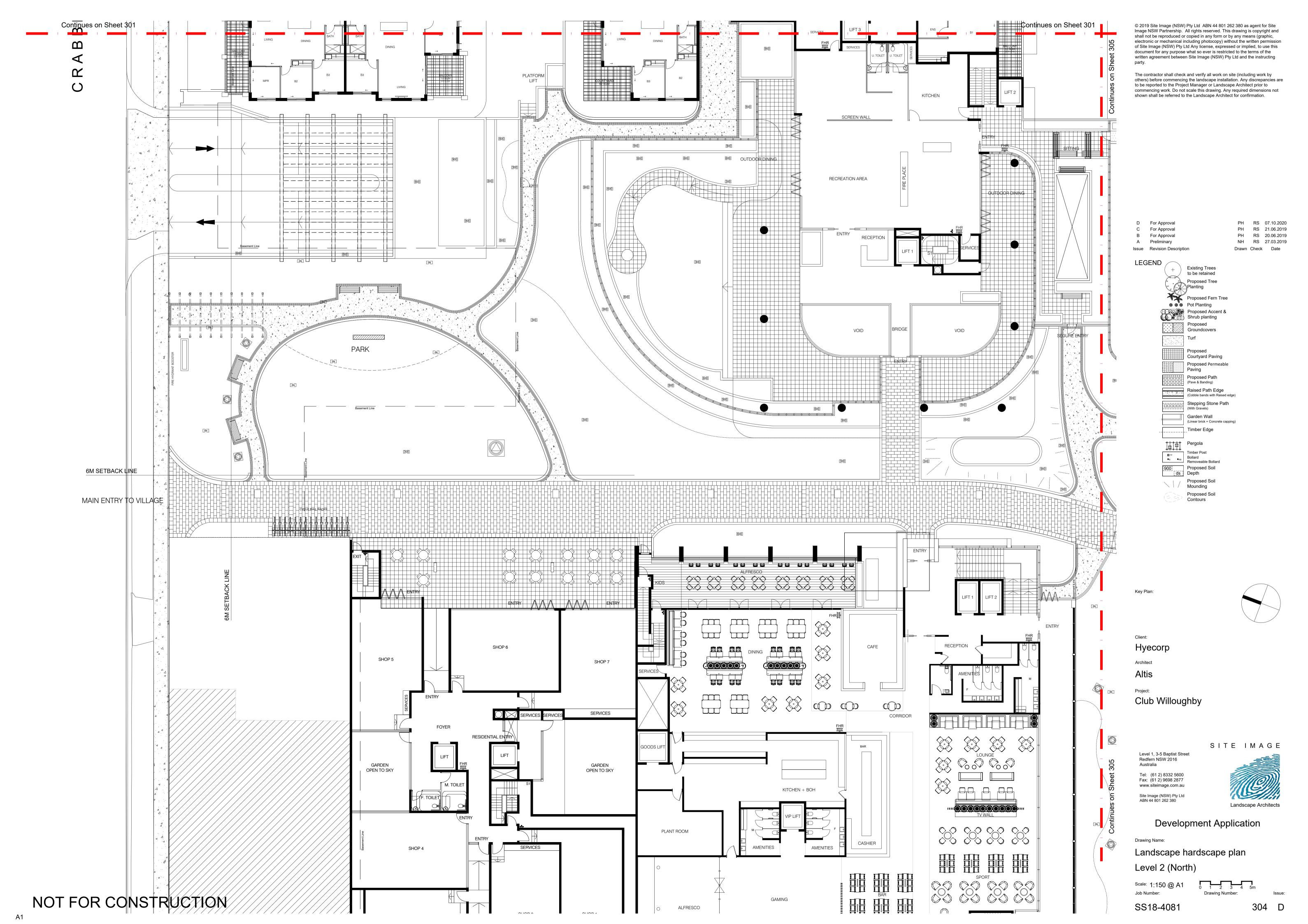
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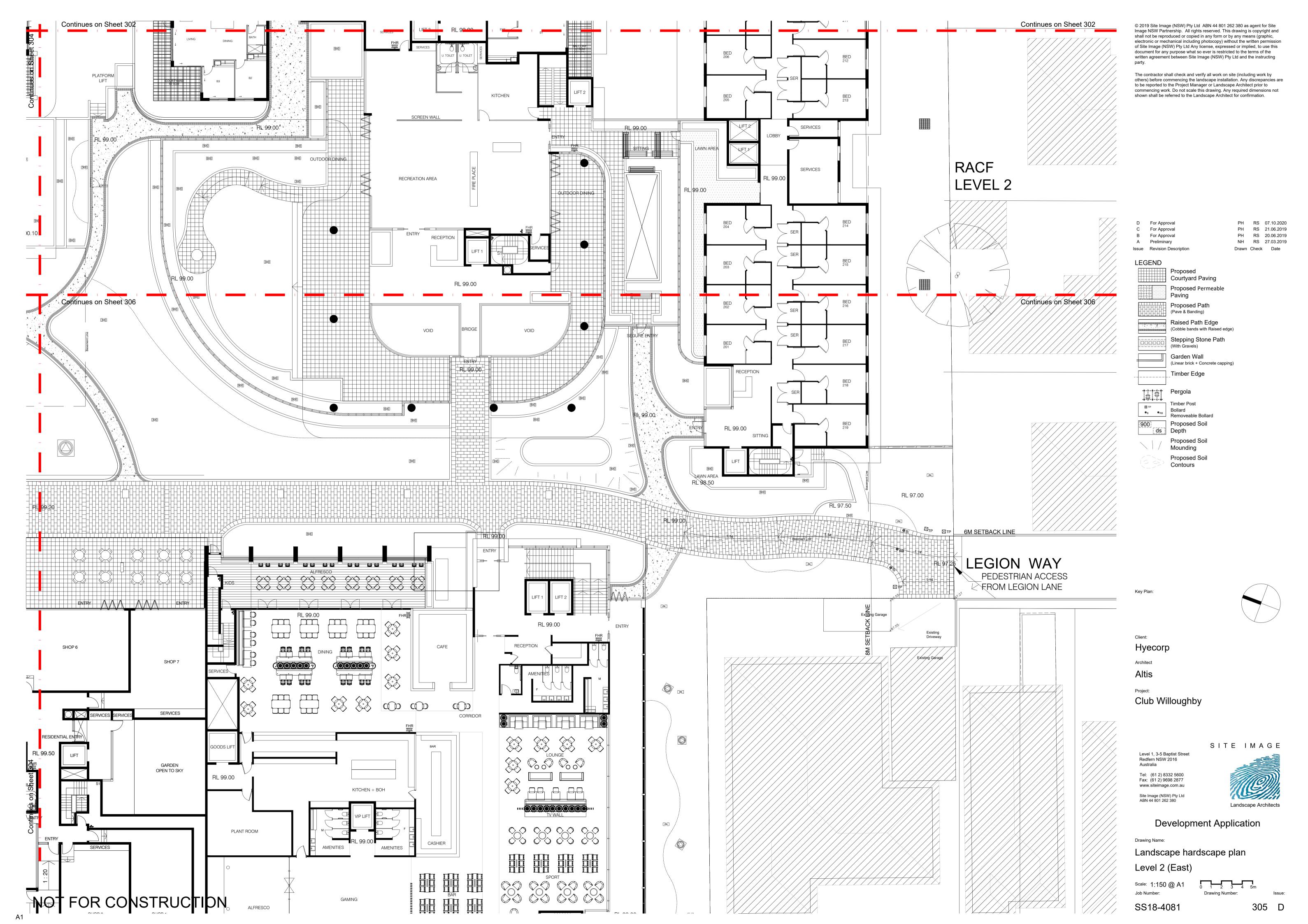
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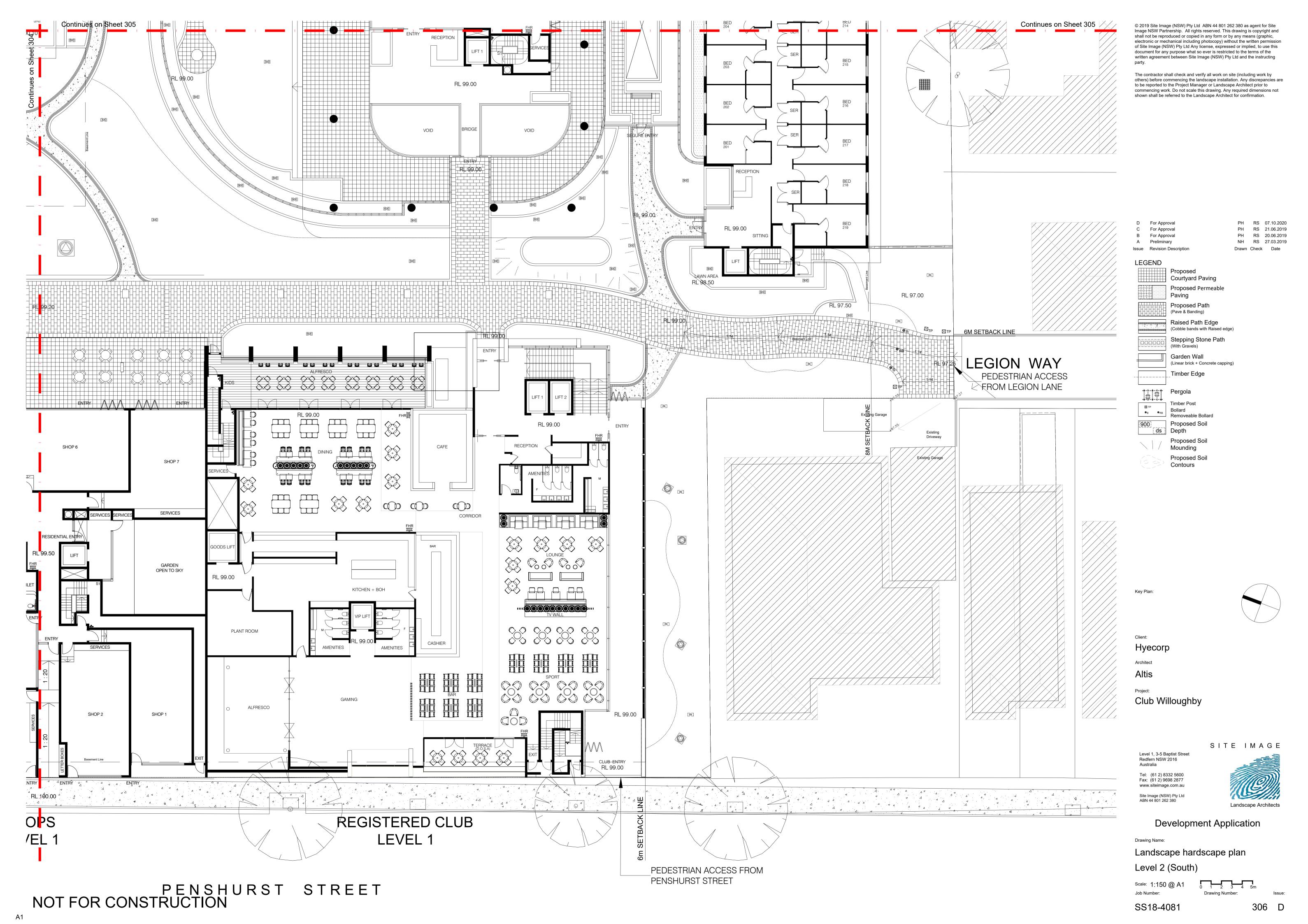
Landscape hardscape plan Level 1 (South)

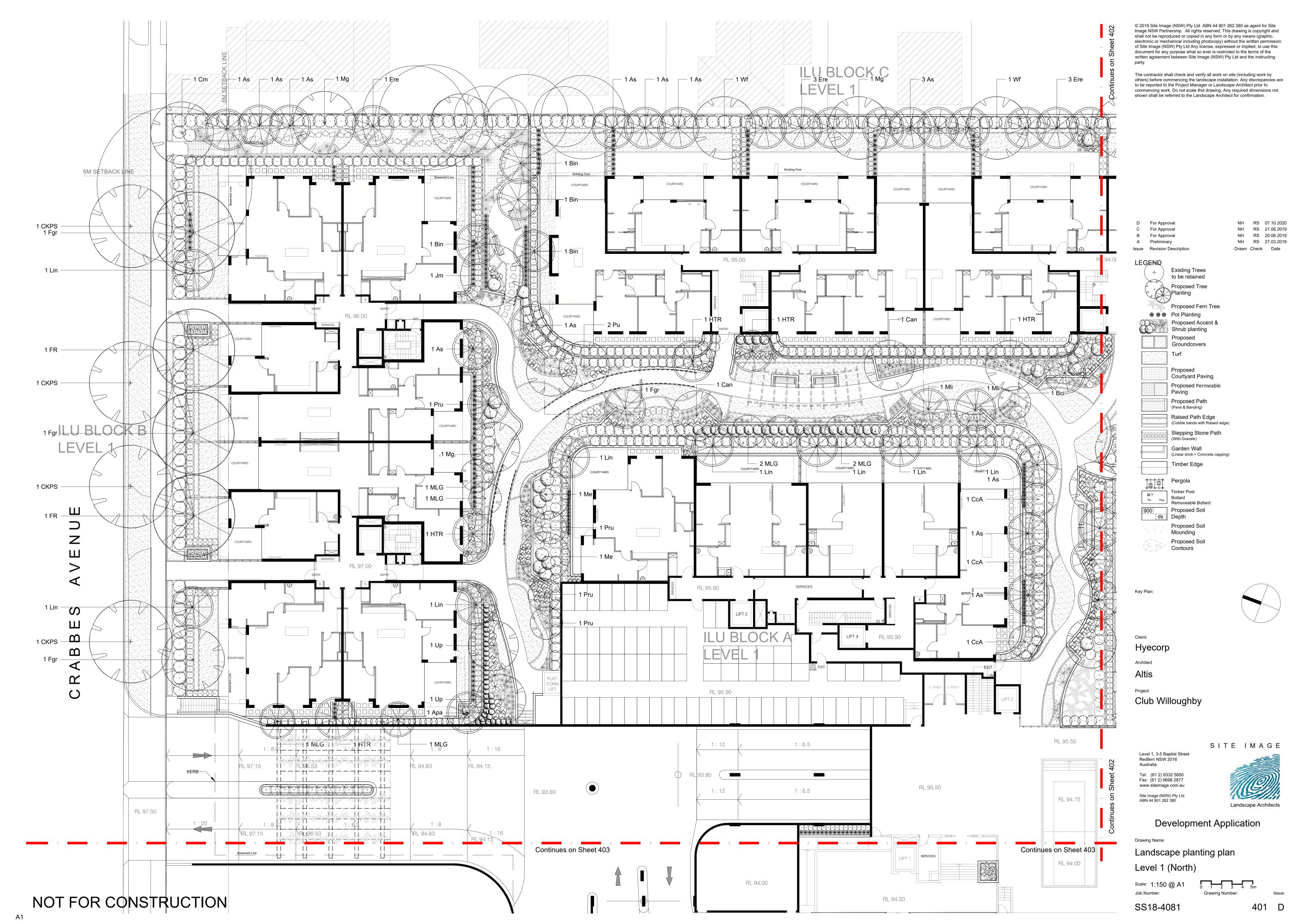
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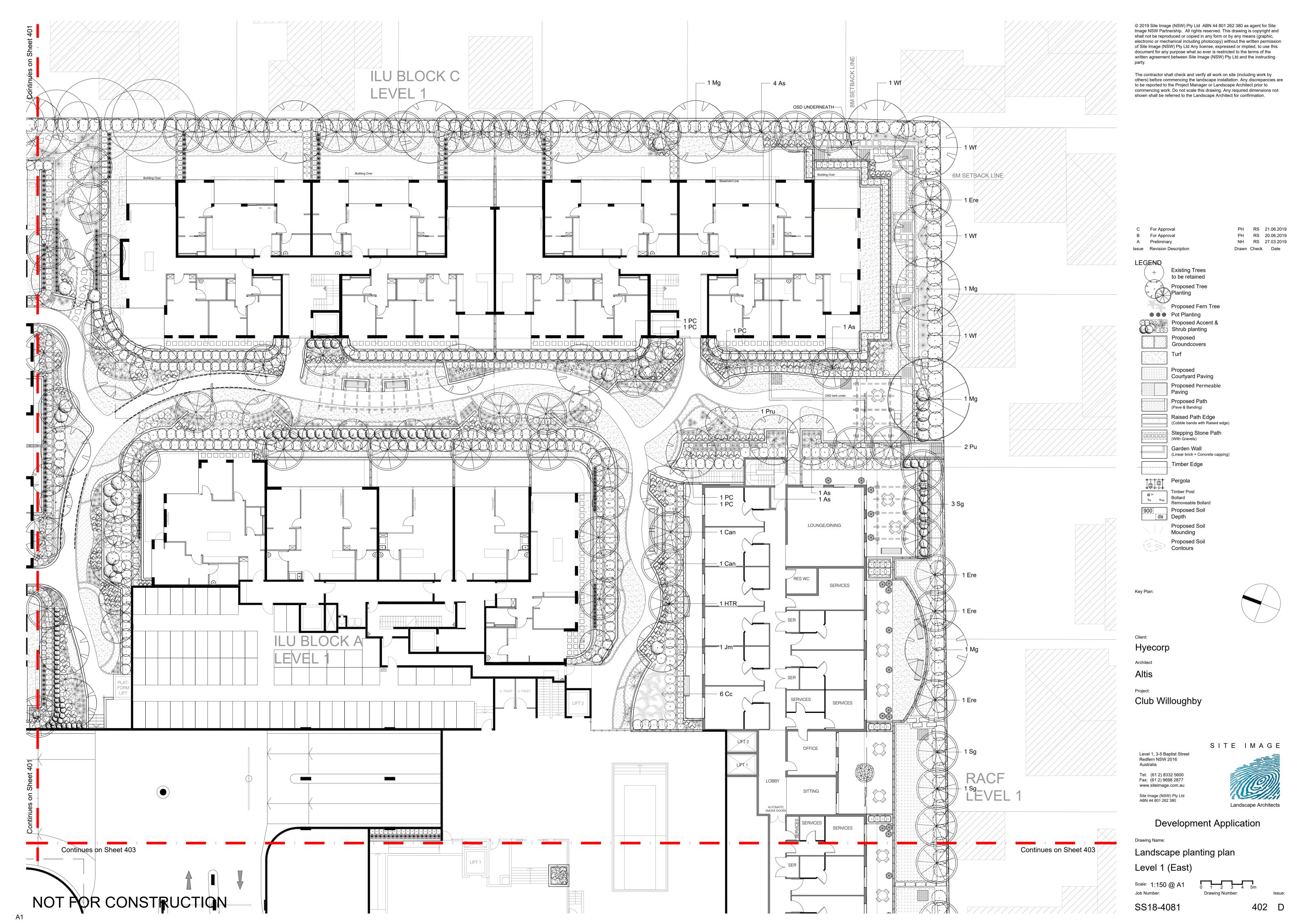
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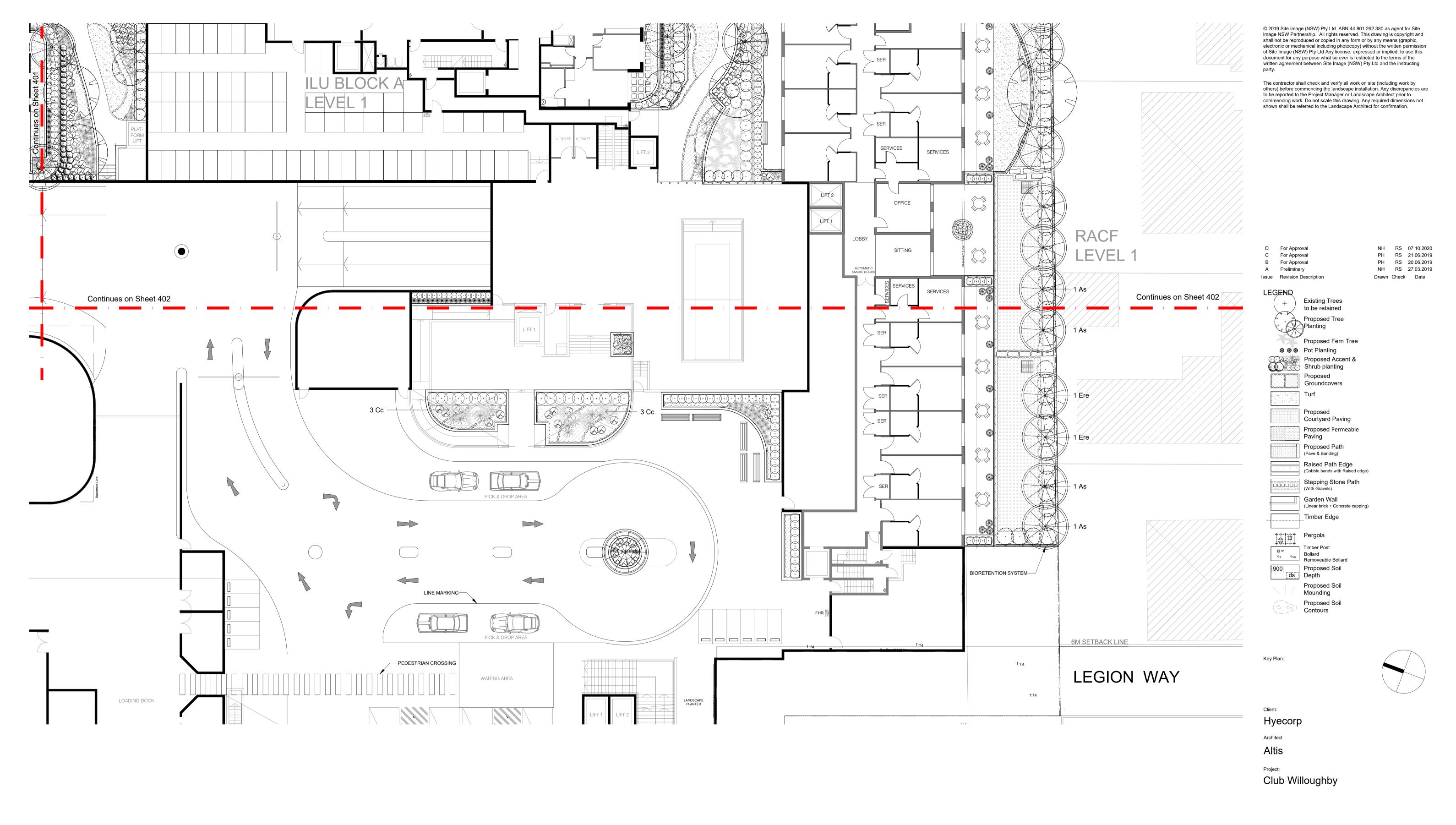












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Development Application

Drawing Name:

Landscape planting plan Level 1 (South)

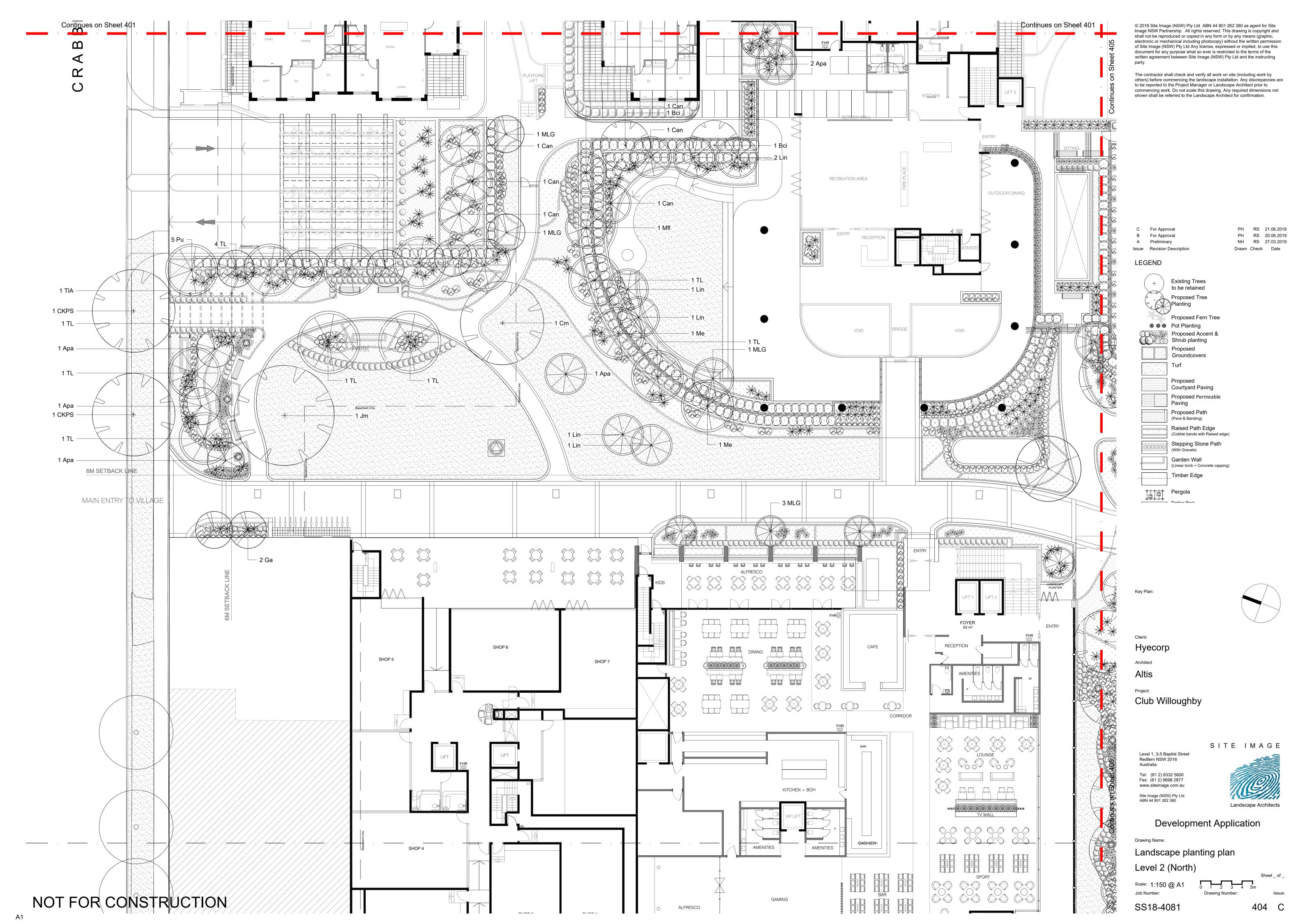
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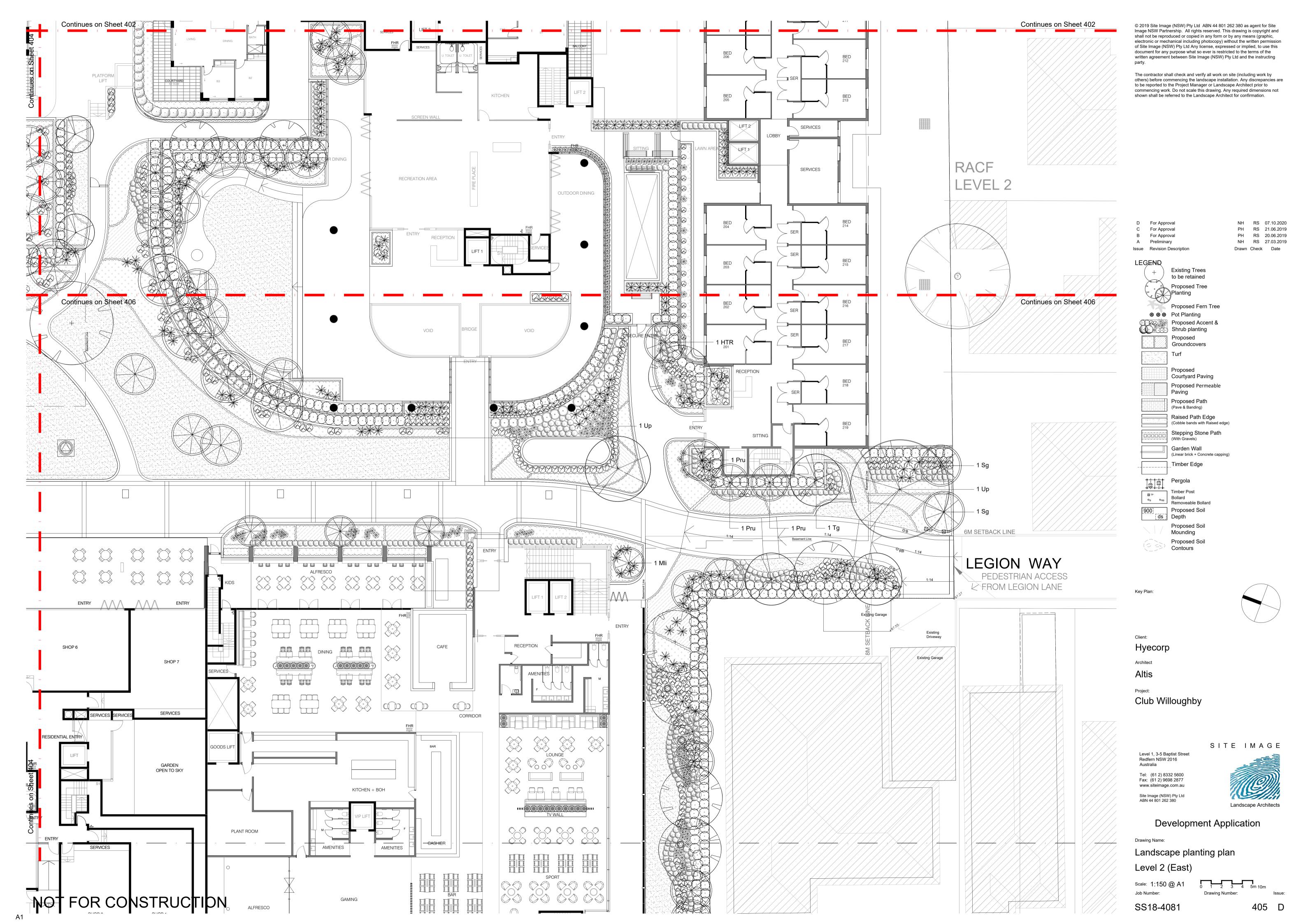
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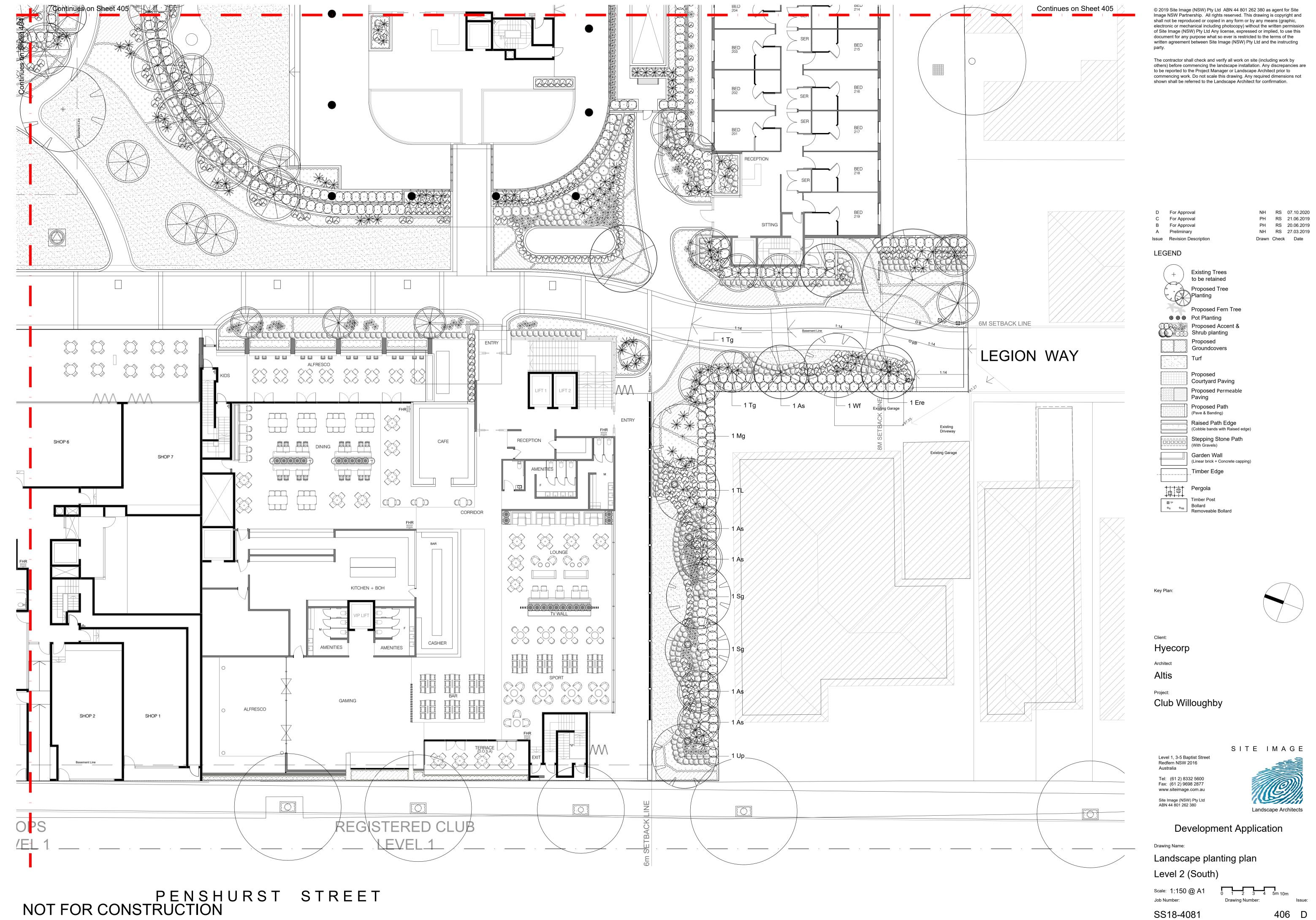
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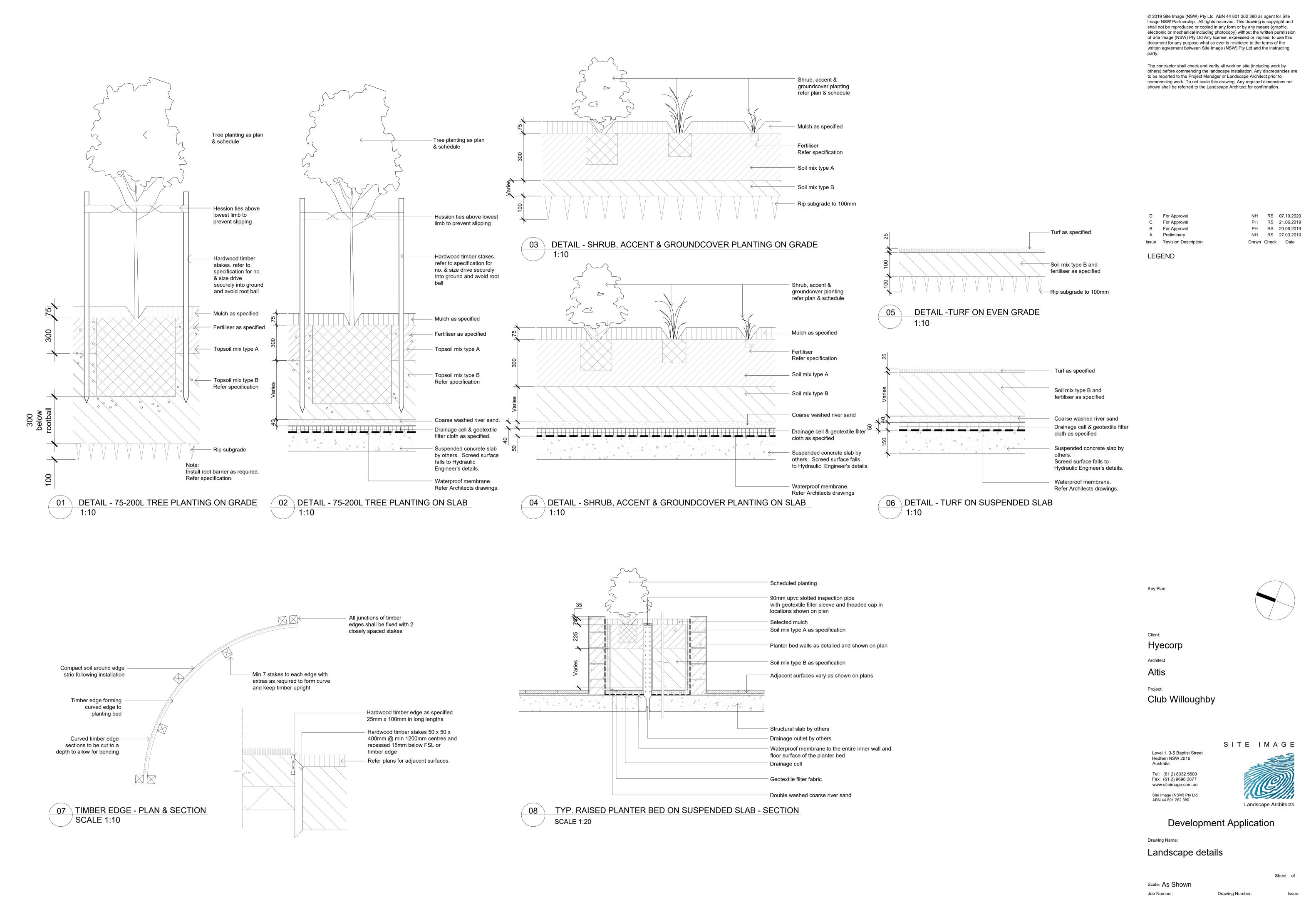
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NOT FOR CONSTRUCTION

SS18-4081

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SPECIFICATION

GENERAL NOTES

References

All plans and details included in the project documents shall be read in conjunction with this specification. All structural and civil works components of the landscape design shall be referenced to engineers' details and specifications. Read this specification in conjunction with the plant and materials schedules on the drawings. If in doubt about any detail or if conflicts are found in the documents, seek advice.

Workmanship and Materials

The whole of the landscape works shall be carried out by a competent, trained and qualified landscape contractor who is experienced in horticultural practices, landscape construction and planting techniques. The landscape contractor shall hold a current Building Contractors License and/or be a financial member of LNA Landscape Association NSW & ACT or equivalent organisations in other

EXISTING TREES AND SHRUBS

Trees and Shrubs to be Retained and Protected

Identify and mark trees and shrubs to be retained using a suitable non-injurious, easily visible and removable means of identification. Protect from damage the trees and shrubs to be retained, including those beyond the site area, both above and below the ground. If a tree becomes damaged during the works or it is proposed to perform work on a tree, give written notice immediately and obtain instructions.

Work near Trees and Shrubs

Keep the area of the drip-line free from construction material and debris. Do not place bulk materials and harmful materials under foliage canopies or near trees. Do not place spoil from excavations against tree trunks. Prevent wind-blown building materials, such as cement, from covering trees and other plants. Do not remove topsoil from, or add topsoil to, the area within the drip-line of trees.

EARTHWORKS

Excavation, Trimming and Filling

Except as otherwise noted in the contract, bulk excavation is excluded from the landscape works. After the completion of bulk excavation by others, trim and fill the excavated ground surfaces to achieve design levels to accommodate finish materials as detailed. Prepare the sub-grade surface as required for the various finished ground treatments.

Sub-soil Drainage

Keep the excavated works drained and free of standing water. Allow to supply and install sub-soil drainage pipes as required for the new works to ensure that all gardens are well drained. Connect the sub-soil drainage pipes to the nearest downstream stormwater pits. Include pipe filter socks and course sharp aggregate backfilling of trenches.

HARDWORKS

Furniture, Handrails, Balustrades

Supply and install the scheduled items in accordance with the manufacturer's recommendations, as detailed and in the locations shown on plan. Provide all footings and fixings required for the items to be stable and in accordance with applicable codes and standards.

Garden Walls, Fences, Steps, TGSI and Edging

Construct garden walls, fences, steps, TGSI and edging as shown on plan, as detailed and of the material scheduled. Provide footings, step nosings, tactile surfaces to comply with standards and applicable legislation. Refer to engineer's details for structural retaining walls, heavy duty slabs, concrete stairs, concrete strength, reinforcing and joint placement

Continuous, Unit and Loose Pavement

Install the scheduled material pavement to the locations shown on plan. Ensure that all subgrade/subsurface works are complete prior to commencing paving. Confer with the engineer to ensure the structural integrity of the subgrade. Ensure that the base course under paved surfaces is a continuous plane offering a constant depth of bedding material not exceeding 50mm.

SOFTWORKS

Soil Testing

Where site soil is to be retrieved from and stored for reuse on site, undertake at least two (2) soil tests, in locations as advised by the Project Manager. Provide results and recommendations regarding soil additives for the benefit of healthy plant growth and to adjust the soil components to achieve an appropriate planting medium for successful plant development.

Subsoil

Excavate and/or fill all garden beds to bring the top of subsoil to at least 300mm below finished design soil levels. Excavate all turf areas to bring the subsoil to at least 100mm below finished design levels. In all areas shape the subsoil to fall to subsoil drains where applicable. Do not excavate within the drip line of trees and shrubs to be retained. Cultivate or rip the subsoil to a further depth of 100mm before placing top soil. Remove stones of size exceeding 25mm, clods of earth exceeding 50mm, and weeds, rubbish or other deleterious material brought to the surface during cultivation. Do not disturb services or existing tree roots. If necessary cultivate these areas by hand. During cultivation, thoroughly mix in materials required to be incorporated into the subsoil, as recommended in the soil testing results and to manufacturer's recommendations. Trim the surface to design levels again after cultivation.

Import topsoil for the garden and turf areas, unless the topsoil can be provided from material recovered from the site, as recommended in the soil testing results. Spread the topsoil on the prepared subsoil and grade evenly, compact lightly and uniformly in 150mm layers. Avoid differential subsidence and excess compaction and produce a finished topsoil surface which has the following characteristics:

- Finished to design levels, allowing for mulch or turf, which is to finish flush with adjoining hard surfaces such as paths and edges;
- Smooth and free from inorganic matter, stones or clods of soil;
- Graded to drain freely, without ponding, to catchment and/or sub-soil drains; Graded evenly to adjoining surfaces; and
- Ready for planting.

Provide, in accordance with AS 4454, well rotted vegetative material or animal manure, free from harmful chemicals, inorganic matter, grass, weeds and the reproductive parts of unwanted plants.

Fertiliser

Provide proprietary fertilisers, delivered to the site in sealed containers marked to show manufacturer or vendor, weight, fertiliser type, N:P:K ratio, recommended uses, application rates and safety procedures. Apply appropriate fertiliser suited to the provenance of plants (indigenous or exotic) included in the design.

Plants

Supply plants in accordance with the landscape design drawings and schedules, which have the following characteristics:

- Large healthy root systems, with no evidence of root curl, restriction or
- Vigorous, well established, free from disease and pests, of good form consistent with the species/variety;
- Hardened off, not soft or forced, and suitable for planting in the natural climatic conditions prevailing at the site in full sun, partial shade or full shade conditions;
- Grown in final containers for not less than twelve weeks;
- Trees, unless required to be multi-stemmed, shall have a single leading
- Containers shall be free from weeds and of appropriate size in relation to the specified plant size.

Plant Installation

Following excavation of the planting hole, place and spread 15gms of wetting agent pre-mixed with one (1) litre of water. Place the plant correctly orientated to north or for best presentation. Backfill the planting holes with specified topsoil mixture. Lightly tamp and water to eliminate air pockets. Ensure that the backfill soil is not placed over the top of the root ball and that the root ball is not higher than the soil in which it is planted. Apply fertiliser, as specified around the plants in the soil at the time of planting.

Embankment Stabilisation

Where necessary and shown on the drawings prevent soil erosion or soil movement by stabilising embankments as follows. As a minimum this should be on slopes steeper than or equal to 1:3 gradient. Stabilise embankments using biodegradable fibre reinforced heavy weight jute fabric. Lay fabric from top to bottom of slope. Install in accordance with manufacturer's specification, including 300 x 300mm anchor trench at top and bottom of slope, backfilled with soil over the fabric and compacted into the trenches. Using U-shaped galvanised steel pegs at 1000 mm centres generally and 250mm centres at edge overlaps, secure the fabric to the prepared soil surface. Plant through the fabric after it is installed.

Root Barrier

Supply and install root control barriers to all new tree plantings adjacent to walls, paths, kerbs and all service trenches, where their proximity poses a threat to the stability of the built infrastructure. Install in accordance with manufacturer's recommendations.

Mulch

Unless noted otherwise, mulch shall be approved proprietary recycled wood fibre or pine bark material. Place mulch in all garden beds to a depth of 75mm after all specified plants are installed. Keep mulch clear of all plant stems and rake to an even plane, flush with the surrounding surfaces evenly graded between design surface levels. Over fill to allow mulch to settle to the specified

Stakes and Ties

Stakes shall be durable hardwood, straight, free of knots and twists, pointed at one end, in the following quantities and sizes for each of the various plant pot sizes:

- Plants (>25 lt): 1 off 38 x 38 x 1200mm;
- Semi-advanced plants (>75 lt): 2 off 50x50x 1800mm;
- Advanced (>100 lt): 3 off 50 x 50 x 2400mm.

Turf shall be delivered to site as 25mm minimum thick cut rolls. Obtain turf from a specialist grower of cultivated turf. Turf shall have an even thickness, 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 delivery. Prevent it form drying out between cutting and laying. Lay the turf in the following manner:

- In stretcher pattern, joints staggered and close butted;
- Parallel long sides of level areas, with contours on slopes; and
- To finish flush, after lightly tamping, with adjacent finished surfaces and design levels.

IRRIGATION

All proposed landscape areas shall be irrigated.

The irrigation system shall be an automatic permanent system, with an

irrigation controller self operated via a soil moisture sensor. The system shall be calibrated to deliver the optimum rate and volume of water appropriate to the type of plants in the design. The system shall be adjustable and fully serviceable. The layout of the entire irrigation system shall focus on delivering the required amount of water to maintain healthy and vigorous growth. The irrigation system shall be such that, component theft, vandalism, over-spray and wetting of paths shall be reduced to a minimum or completely eliminated by the use of drip, pop-up sprinklers and judiciously placed fixed spray emitters. Generally do not use fine mist emitters that provide a drifting mist that may wet paths and the buildings unless specifically required by the design.

LANDSCAPE MAINTENANCE

The Landscape Contractor shall rectify defects during installation and that become apparent in the works under normal use for the duration of the contract Defects Liability Period. Unless contracted otherwise, the Landscape Contractor shall maintain the contract areas by the implementation of industry accepted horticultural practices for 52 weeks from Practical Completion of the works. The landscape maintenance works shall include, but not be limited to:

- Replacing failed plants;
- Pruning;
- Insect and pest control;
- Fertilising;
- Maintaining and removing stakes and ties;
- Maintaining mulch;
- Mowing and top dressing; Irrigation and watering:
- Erosion control; and
- Weeding and rubbish removal.

Maintenance Log Book

Implement and keep a maintenance log book recording when and what maintenance work has been undertaken and what materials, actions and decisions have been used, implemented and concluded to keep the landscape always looking its best. Enter data daily and review information every 2 weeks. Observe trends and develop a maintenance regime around seasonal and observed event occurrences

Maintenance Activities

During the defects maintenance period schedule the following activities to occur on a timely basis.

- Plant replacement Replace plants that have failed to mature, die or are damaged. Replacement plants shall be in a similar size and quality and identical species or variety to the plant that has failed. Replacement of plants shall be at the cost of the landscape contractor unless advised otherwise. If the cause of the failure is due to a controllable situation then correct the situation prior to replacing plants. Observe and replace failed plants within 2 weeks of observation.
- **Pruning** Prune dead wood, broken limbs, dead or infected foliage and as needed to develop strong, healthy plants to achieve the shape and form expected of the plant type. Observe daily and prune plants on a needs basis.
- Insect, disease and pest control Avoid spraying: if ever possible;
- in wet weather or if wet weather is imminent:

- if target plants are still wet after rain;
- in windy weather; and
- o if non-target species are too close.

Immediately report to the Project Manager any evidence of intensive weed infestation, insect attack or disease amongst plant material. Submit all proposals to apply chemicals and obtain approval before starting this work. When approved, spray with herbicide, insecticide, fungicide as appropriate in accordance with the manufacturers' recommendations. Observe daily and act as necessary to control any infestation or disease. Record in the logbook all relevant details of spraying activities including:

- Product brand / manufacturer's name.
- Chemical / product name,
- Chemical contents,
- Application quantity and rate,
- Date of application and location, Results of application, and
- Use approval authority.
- Fertilising Fertilise gardens with a proprietary slow release fertiliser applied in accordance with the manufacturer's directions and recommendations. Apply 6-12 monthly. Record in the logbook all relevant details of fertilising including:
- Product brand / manufacturer's name,
- Fertiliser / product name,
- Application quantity and rate, and
- Date of application and location.
- Stakes and ties Adjust and replace as required to ensure plants remain correctly staked. Remove those not required at the end of the planting establishment period (Defects Liability Period). Inspect and act at least every 2 weeks.
- Maintaining mulch Maintain the surface in a clean, tidy and weed free condition and reinstate the mulch as necessary to ensure correct depth as specified. Observe weekly and replenish mulch as required.
- Mowing and top dressing Mow the turf to maintain a grass height of between 30-50mm. Do not remove more than one third of the grass height at any one time. Remove grass clippings from the site after each mowing. Top dress to a maximum of 10mm to fill depressions and hollows in the surface. Mow weekly/fortnightly in warmer months. Mow monthly or as required in cooler months. Top dress at approximately 6 monthly intervals.
- Irrigation and watering Maintain the irrigation system to sure that each individual plant receives the required amount of water to maintain healthy and vigorous growth. Adjust and calibrate as required. Provide additional watering, if necessary but inspect irrigation weekly and make repairs as necessary.
- Erosion control Where necessary, maintain the erosion control fabric in a tidy and weed free condition and reinstate as necessary to ensure control measures are effective where deemed necessary. Inspect every 2 weeks and act to repair any damage as soon as possible.
- Weeding and rubbish removal During the plant establishment period remove by hand, rubbish and weed growth that may occur or re-occur throughout all planted, mulched and paved areas. The contractor shall target weeds that are capable of producing a major infestation of unwanted plants by seed distribution. Whenever possible, time weed removal to precede flowering and seed set. Constant observation and removal of weeds is

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PH RS 21.06.2019 C For Approval B For Approval PH RS 20.06.2019 NH RS 27.03.2019 A Preliminary Issue Revision Description Drawn Check Date

NH RS 07.10.2020

LEGEND

D For Approval

Key Plan:



Hyecorp

Architect **Altis**

Redfern NSW 2016

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Club Willoughby

Level 1, 3-5 Baptist Street

SITE IMAGE

Development Application

Landscape Specification

Drawing Number

NOT FOR CONSTRUCTION

SS18-4081

502 D

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Issue	Revision Description	Drawn	Check	Date
LEGEND				

	Preliminary	NH	RS	27.03.2019
	Revision Description	Drawn	Check	Date
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Hyecorp

Key Plan:

Club Willoughby

Level 1, 3-5 Baptist Street Redfern NSW 2016 Australia

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Development Application

/Indicative Tree Plant Schedule

Drawing Number:

503 D

SS18-4081

NOT FOR CONSTRUCTION

	CLUB WILLOUGHBY	Y INDICATIVE PLANT SCHED	ULE		Ga
			MATURE	DDODOSED	GM
CODE	BOTANIC NAME	COMMON NAME	SIZE (H x W) (m)	DOT SIZE	GF GF
					Gr
TREES					HA
Apa	Acer palmatum	Japanese Maple	4 x 4		Hs.
As	Acmena smithii var. minor	Dwarf Lilly Pilly	to 15m	*	La
Bci	Backhousia Citriodora	Lemon scented Myrtle	9 x 5		LT
Ber	Banksia ericifolia	Heath Banksia	5m		LC
BeB	Banksia ericifolia 'Burgandy'	Heath Banksia	5m		Mn
Bin 	Banksia integrifolia	Coast Banksia	to 15m		M7
BpRF	Betula populifolia 'Royal Frost'	Royal Frost Silver Birch	10 x 5		Mfi
CKPS	Callistemon 'Kings Park Special'	Bottlebrush	4 x 4		Mp
CcA	Cercis chinensis 'Avondale'	Chinese Red Bud		·	NG
Ст	Corymbia maculata	Spotted Gum	30		PX
Can	Cupaniopsis anacardioides	Tuckeroo	7 x 5		PG
Cc	Cyathea cooperi	Scaly Tree Fern	6 x 5		PM
Ere	Elaeocarpus reticulatus	Blueberry Ash	12 x 5		RC
Em	Eucalyptus moluccana	Grey Box	20 x 8	, 	Ro
Fgr	Fraxinus griffithii	Evergreen Ash	7 x 4		Soi
FR	Fraxinus 'Raywood'	Claret Ash	15m		Sa
Ga	Gordonia axillaris	Gordonia	4 x 4		Sa
HtR	Hibiscus tiliaceus 'Rubra'	Cotton Tree	7 x 5		Sa
Jm	Jacaranda mimosifolia	Jacaranda	to 10m		SC
Lin	Lagerstroemia indica	Crepe Myrtle	6		Tf
Me	Magnolia Exmouth	Magnolia Exmouth	12 x 8		Tv
Mg	Magnolia grandiflora	Bull Bay Magnolia	12 x 8	75L	TJ
MLG	Magnolia Little Gem	Magnolia Little Gem	5 x 3	75L	VE
Mfl	Malus floribunda	Japanese Crab Apple	4 x 3	75L	Vt
Mli	Melaleuca linariifolia	Snow in Summer	10 x 5	75L	W
Pru	Plumeria ruba	Red Fragapani	6	75L	
PC	Pyrus 'Capital'	Capital Pyrus	10 x 3	75L	AC
Pu	Pyrus ussuriensis	Manchurian Pear	10 x 6	75L	Ain
Sg	Syncarpia glomulifera	Turpentine	20m	75L	Alc
Tg	Tibouchina granulosa	Lasiandra		75L	Aei
TIA	Tibouchina lepidosa 'Alstonville'	Lasiandra		75L	CB
TI	Tristaniopsis laurina	Water Gum	10	75L	CR
TL	Tristaniopsis 'Luscious'	Water Gum	9 x 7	75L	Cs
Up	Ulmus parvifolia	Weeping Elm	10	75L	Ср
Wf	Waterhousia floribunda	Weeping Lily Pilly	15		De
					Hf
SHRUB	S				Px
Agr	Abelia grandiflora	ABELIA	1.5m	1.5m	PB
Awi	Acalypha wilkesiana	FIJIAN FIRE BUSH	3m		PY
Asm	Acmena smithii 'Minor'	Lilly Pilly	2		Rh
As	Acmena smithii var. minor	Dwarf Lilly Pilly	3 x 2	300mm	Re
AM	Adenanthos 'Mallee Legend'	Dwarf Albany Wollybush	1.2 x 1	300mm	Sre
Ad	Altenanthera dentata	Blood Leaf	1 x 1	300mm	Sju
Bs	Banksia spinosa	Hairpin Banksia	1.5 x 1.0		
Ве	Banksia ericifolia	HEATH BANKSIA	5m	4m	FE
BeB	Banksia ericifolia 'Burgandy'	HEATH BANKSIA	5m	4m	Aat
Втј	Buxus microphylla japonica	Japanese box hedge	2.5 x 2		Aa
Bs	Buxus sempervirens	English Box	2 x 2	300mm	Aa
Cc	Callistemon citrinus Endeavour	_	20 x 8		Bn
CW	Callistemon citrinus 'White Anzac'	Lemon Scented Bottlebrush	3	2	Cc
Csa	Camelia sasanqua	Camelia	4 x 3		Da
Cte	Choisya ternata	Mexican Orange	2m	2m	Ps
Сри	Coleonema pulchrum	Pink Diosma	1.5m	1.5m	
Cre	Coprosma repens	Mirror Bush	3m		GR
Ca	Correa alba	White Correa	1.5 x 1.5		Ao
Ca Cr	Cycas revoluta	Sago Palm	1.3 x 1.3	000111111	Are
Dv	Dodonaea viscosa subsp. Cuneata	Sticky Hopbush	3	000111111	Ad
	·				AB
De DSG	Doryanthes excelsa Duranta Sheenas Gold	Gymea Lilly Duranta	1 x 2	000111111	Aai

Ga	Gardenia augusta 'Florida'	Gardenia	0.5	1.5
GMP	Grevillea 'Misty Pink'	Grevillea	3m	2m
GPP	Grevillea 'Pink Pearl'	Grevillea	1-2m	1-2m
GRG	Grevillea 'Robyn Gordon'	Grevillea	1-1.5m	1.5-2m
Gr	Grevillea rosmarinifolia	Rosemary Grevillea	1.5	1.5
HAG	Hebe 'Autumn Glory'	Purple Veronica	600mm-1.2m	1m
HsR	Hebe speciosa 'Rosea'	Veronica	to 1.5m	1m
La	Lavandula	Lavender		
LT	Lomandra longifolia 'Tanika'	Tanika Longifolia	0.6 x 0.65	300mm
LC	Loropetalum 'China Pink'	China Pink	1 x 1.5	300mm
Mn	Melaleuca nesophylla	Showy Honey Myrtle	3m	1.8m
MT	Metrosideros 'Tahiti'	NZ Xmas Bush	1m	1m
Mfi	Michelia figo	Port Wine Magnolia	3	3
Мр	Murraya paniculata	Orange Jessamine	3	2
NGS	Nandina 'Gulf Stream'	Nandina	0.7	0.5
PX	Philodendron 'Xanadu'	Xanadu	1 x 1	300mm
PGP	Pittosporum 'Green Pillar'	Green Pillar	3 x 3	
PMM	Pittosporum tobira 'Miss Muffet'	Dwarf Pittosporum	5 X 5	
ROP	Rhaphiolepis 'Oriental Pearl'	Oriental Pearl		
Ro	Rosemarinus officinalis	Rosemary	1-1.5 h	
Sof	Salvia officinalis	Sage		
SaE	Syzygium australe Elite	Scrub Cherry	3	1.5
SaS	Syzygium australe 'Select'	Lilly Pilly	J	
SaTT	Syzygium australe 'Tiny Trev'	Dwarf Lilly Pilly	0.7	0.5
SC	Syzygium 'Cascade'	Weeping 'Cascade' Lilly Pill		0.5
Tf	Teucrium fruiticans	Bush Germander	5.7	0.0
Tv	Thymus vulgaris	Thyme	0.5 x 1	
TJ	Tibouchina 'Jules'	Glory Bush	1m	1m
VE	Viburnum 'Emerald Lustre'	Emerald Lustre	4 x 4	300mm
Vt Vt	Viburnum tinus	Laurustinus	3	2
WWG	Westringia 'Wynyabbie Gem'	Wynyabbie Rosemary	1	1
Aim	Alcantarea imperialis			
Alc	Alpinia caerulea	Native Ginger	2	1.5
Ael	Aspidistra elatior	Cast Iron Plans		
CBS	Cordyline 'Burgundy Spire'			
CRS	Cordyline 'Red Sensation'	Red Cordyline	2	1
Cs	Cordyline stricta	Cordyline	3	2
Ср	Crinum pendunculatum	Swamp Lily	600mm	1m
De	Doryanthes excelsa	Gymea Lily	3	2
Hf -	Howea forsteriana			
Px	Philodendron 'Xanadu'			
PBB	Phormium 'Bronze Baby'	Bronze NZ Flax	0.7	0.8
PYW	Phormium 'Yellow Wave'	Yellow Wave NZ Flax	1	1
Rhu	Raphis humilis			
Re	Rhapis excelsa	n		, -
Sre	Strelitzia reginae	Bird Of Paradise	1.2	1.5
Sju	Strelitzia juncea	Narrow Leaved Bird Of Para	1.2	1.5
FERNS				
Aat	Agave attenuata	Century Plant	1.5 x 1.5	
Aae	Adiantum aethiopicum	MAIDENHAIR FERN	150-400mm	creeping
Aau	Asplenium australasicum	BIRDS NEST FERN	to 600mm	500mm-1m
Bnu	Blecnum nudum	WATER FERN	fronds 600mm	700mm
Dila	Cyathea cooperii	SCALY TREE FERN	2.5-6m	2-3m
	Dicksonia antarctica	SOFT TREE FERN	4.5-7m	3m
Cco			500mm	500mm-1m
Cco Dan		SOFT SHIELD FERN		
Cco Dan Pse	Polystichum setiferum	SOFT SHIELD FERN		
Cco Dan Pse GRASS	Polystichum setiferum SES / GROUNDCOVERS / CLIMBERS			
Cco Dan Pse GRASS Ao	Polystichum setiferum SES / GROUNDCOVERS / CLIMBERS Agapanthus orientalis	Agapanthus		
Cco Dan Pse GRASS Ao Are	Polystichum setiferum SES / GROUNDCOVERS / CLIMBERS Agapanthus orientalis Ajuga reptans	Agapanthus Common Bugle	50-80mm	spreading
Cco Dan Pse GRASS Ao Are Ad	Polystichum setiferum SES / GROUNDCOVERS / CLIMBERS Agapanthus orientalis	Agapanthus Common Bugle Ruby Leaf Alternanthera	50-80mm 0.45	spreading Spreading
Cco Dan Pse GRASS Ao	Polystichum setiferum SES / GROUNDCOVERS / CLIMBERS Agapanthus orientalis Ajuga reptans	Agapanthus Common Bugle		

1.5	BSO	Bougainvillea 'Scarlet O'Hara'
2m	Bm	Brachycome multifida
1-2m	CKF	Calamagrostis x acutifolra 'Karl
1.5-2m	Cap	Carex appressa
1.5	Cg	Carpobrotus glaucascens
1m	Ccn	Chrysocephalum apiculatum
1m	Cha	Chrysocephalum apiculatum
000	Cm	Clivea miniata
300mm	Cf	Convolvulus cneorum
300mm	Com	Convolvulus mauritanicus 'Blue
1.8m 1m	DT	Cyrtomium falcatum
3	DB	Dianella 'Breeze'
2	DOB	Dianella caerulea 'Breeze'
0.5	DCB DSS	Dianella 'Cassa Blue'
300mm	HM	Dianella 'Silver Streak' Dianella 'Tas Red'
000111111	DstT	Dianella tas Red Dianella tasmanica 'Tasred'
		1 0 0
	Dg Fp	Dietes grandiflora Ficus pumila
	Gs	Gazania sp.
	Gt	Gazania sp. Gazania tomentosa
1.5	Gh	Gazania x hybrida
	<i>GpRM</i>	Grevillea poorinda 'Royal Mantl
0.5	Hs	Hardenbergia 'Meema'
0.5	Нр	Hebe pimeleoides
	Hsc	Hibbertia scandens
	Kt	Isolepis nodosa
1m	Jpo	Jasminum polyanthum
300mm	Jho	Juniperus horizontalis
2	MY	Kalanchoe thyrsiflora
1	LmEG	Liriope muscari 'Evergreen Gial
	LJR	Liriope muscari 'Just Right'
	LI	Lomandra longifolia
	LfM	Lomandra filiformis Mondra
1.5	LT	Lomandra longifolia 'Tanika'
	Мра	Myoporum parvifolium
	MY	Myoporum 'Yareena'
1	Op	Ophiopogon planiscapus 'Nigre
2	Pja	Pandorea jasminoides
1m	Ppa	Pandorea pandorana
2	PaPL	Pennisetum alpecuroides 'Purp
	PN	Pennisetum 'Nafray'
0.0	PIE	Poa labillarderi 'Eskdale'
0.8	PI	Poa labillardieri
ı	SaM	Scaevola aemula 'Mauve Clust
	Tau	Themeda australis
1.5	TT	Trachelopsermum 'Tricolor'
1.5	Tja	Trachelospermum jasminoides
1.0	Vhe	Viola hederacea
		1
	Vegetal	bles & Herbs
creeping	41	Alliana and an an an an an
00mm-1m	Al	Allium schoenoprasum
700mm	Ag Ard	Anethum graveolens Artemisia dracunculus
2-3m	Cn	Chamaemelum nobile
3m	Cs	Coriandrum sativum
00mm-1m	Cy	Cymbopogon citratus
	Ls	Lavandula spp.
	Ob	Ocimum basilicum
	Ov	Origanum vulgare
spreading	Ro	Rosmarinus officinalis
Spreading	Sa	Salvia spp.
	Sa Ts Zo	Salvia spp. Thymus spp. Zingiber officinale

BSO	Bougainvillea 'Scarlet O'Hara'	Bougainvillea	to 6m	
Bm	Brachycome multifida	Cutleaf Daisy	0.3	0.4
CKF	Calamagrostis x acutifolra 'Karl Foerste	Reed Grass	1.7	1.4
Cap	Carex appressa	Tall Sedge	0.6	0.4
Cg	Carpobrotus glaucascens	Pig Face	0.2	1
Ccn	Chrysocephalum apiculatum	Silverbush	0.6 x 1	140mm
Cha	Chrysocephalum apiculatum	Yellow Buttons	0.5 x 0.5	140mm
Cm	Clivea miniata	Kaffir Lily	0.45	0.3
Cf	Convolvulus cneorum	Japanese Holly Fern	0.6 x 1	140mm
Com	Convolvulus mauritanicus 'Blue Moon'	Morning Glory	0.1	0.9
DT	Cyrtomium falcatum	Tas Red Dianella	0.6 x 0.65	140mm
DB	Dianella 'Breeze'	Breeze Flax Lily	0.7	0.6
	Dianella caerulea 'Breeze'	Blue Flax Lily	0.6 x 0.6	
DCB	Dianella 'Cassa Blue'	Cassa Blue Flax Lily	0.4	0.4
DSS	Dianella 'Silver Streak'	Silver Streak Flax Lily	0.5	0.4
HM	Dianella 'Tas Red'	Meema Hardenbergia	0.5 x 2	140mm
DstT	Dianella tasmanica 'Tasred'	Tasred Blue Flax Lily	0.4 x 0.4	
Dg	Dietes grandiflora	Wild Iris	0.7	0.7
Fp	Ficus pumila	Creeping Fig	2-4m	
Gs	Gazania sp.	Gazania	0.2	0.4
Gt	Gazania tomentosa	Silver leaf Gazania	0.15	1
Gh	Gazania x hybrida	Gazania	0.2	0.2
GpRM	Grevillea poorinda 'Royal Mantle'	Prostrate Grevillea	200mm	4.5m
Hs	Hardenbergia 'Meema'	Golden Guinea Vine	0.3 x 2.5	140mm
Нр	Hebe pimeleoides	Prostrate Hebe	0.45	1
Hsc	Hibbertia scandens	Knobby Club Rush	1 x 1.5	140mm
Kt	Isolepis nodosa	Flapjacks	0.6 x 1	140mm
Jpo	Jasminum polyanthum	Pink Jasmine	to 3m	_
Jho	Juniperus horizontalis	Waukegan Juniper	1m	3m
MY	Kalanchoe thyrsiflora	Yareena Myoporum	0.1 x 1	140mm
LmEG	Liriope muscari 'Evergreen Giant'	Lily Turf	0.6 x 0.5	
LJR	Liriope muscari 'Just Right'	Turf Lily	0.5	0.5
LI	Lomandra longifolia	Mat Rush	1.5	1.5
LfM	Lomandra filiformis Mondra	Lomandra	0.15	0.2
LT	Lomandra longifolia 'Tanika'	Tanika Mat Rush	0.6 x 0.65	
Мра	Myoporum parvifolium	Myoporum		
MY	Myoporum 'Yareena'	Native Violet	0.15 x 1	140mm
Op	Ophiopogon planiscapus 'Nigrescens'	Mondo Grass		
Pja -	Pandorea jasminoides	Bower Plant	to 5m	
Ppa	Pandorea pandorana	Wonga Wonga Vine	to 6m	
PaPL	Pennisetum alpecuroides 'Purple Lea'	Purple Lea Swamp Foxtail	0.9 x 0.9	
PN	Pennisetum 'Nafray'	Swamp Foxtail	0.8	8.0
PIE	Poa labillarderi 'Eskdale'	Poa labillarderi	1 x 1	
PI	Poa labillardieri	Tussock Grass	0.8 x 0.5m	
SaM	Scaevola aemula 'Mauve Clusters'	Purple Fan Flower	0.3	0.6
Tau	Themeda australis	Kangaroo Grass	500mm	300mm
TT	Trachelopsermum 'Tricolor'	Variegated Star Jasmine	0.3	1
Tja	Trachelospermum jasminoides	Star Jasmine	0.3	0.5
Vhe	Viola hederacea	Native Voilet	0.2	0.4
Vegetal	bles & Herbs		l	
	AU	Chives	1 x 1	140mm
Al	Allium schoenoprasum	Dill	1 x 0.75	140mm
Ag	Anethum graveolens	Tarragon	1 x 1	140mm
Ard	Artemisia dracunculus	Chamomile	1 x 1	140mm
Cn	Chamaemelum nobile	Coriander	1.5 x 1.5	140mm
Cs	Coriandrum sativum	Lemongrass	1.5 x 1.5	140mm
Cy Ls	Cymbopogon citratus Lavandula spp	Lavender Basil	1 x 1.5 0 9 x 0 6	140mm 140mm
1.5	u avaliulia SDO	1100011	IUMXUI)	[40][[[[

Tja	Trachelospermum jasminoides	Star Jasmine	0.3
Vhe	Viola hederacea	Native Voilet	0.2
Vegeta	 bles & Herbs		
		Chives	1 x 1
Al	Allium schoenoprasum	Dill	1 x 0.75
Ag	Anethum graveolens	Tarragon	1 x 1

	7 tillatti ootiootiopiadatti	DIII	1 X 0.70	1 10111111
	Anethum graveolens	Tarragon	1 x 1	140mm
1	Artemisia dracunculus	Chamomile	1 x 1	140mm
	Chamaemelum nobile	Coriander	1.5 x 1.5	140mm
	Coriandrum sativum	Lemongrass	1.5 x 1.5	140mm
	Cymbopogon citratus	Lavender	1 x 1.5	140mm
	Lavandula spp.	Basil	0.9 x 0.6	140mm
	Ocimum basilicum	Oregano	1 x 1	140mm
	Origanum vulgare	Rosemary	1.2 x 1	140mm

arinus officinalis 1 x 1 0.15 x 0.5

us spp. er officinale

Salvia Thyme Ginger

140mm 2 x 1.5 140mm

140mm



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The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

For Approval NH RS 07.10.2020 C For Approval PH RS 21.06.2019 B For Approval PH RS 11.06.2019 NH RS 27.03.2019 A Preliminary Issue Revision Description Drawn Check Date

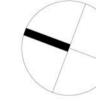
LEGEND Existing Trees to be retained Proposed Tree Planting Proposed Fern Tree Pot Planting Proposed Accent & Shrub planting Proposed Groundcovers Proposed Courtyard Paving Proposed Permeable Paving Proposed Path (Pave & Banding) Raised Path Edge (Cobble bands with Raised edge) Stepping Stone Path (With Gravels) Garden Wall (Linear brick + Concrete capping) Timber Edge

Pergola

Timber Post

Proposed Soil Mounding

Proposed Soil Contours



Hyecorp

Architect

Altis

Club Willoughby

SITE IMAGE

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Development Application

Colour Landscape Masterplan

Scale: 1:300 @ A1 SS18-4081