Pittwater House **SCHOOLS**

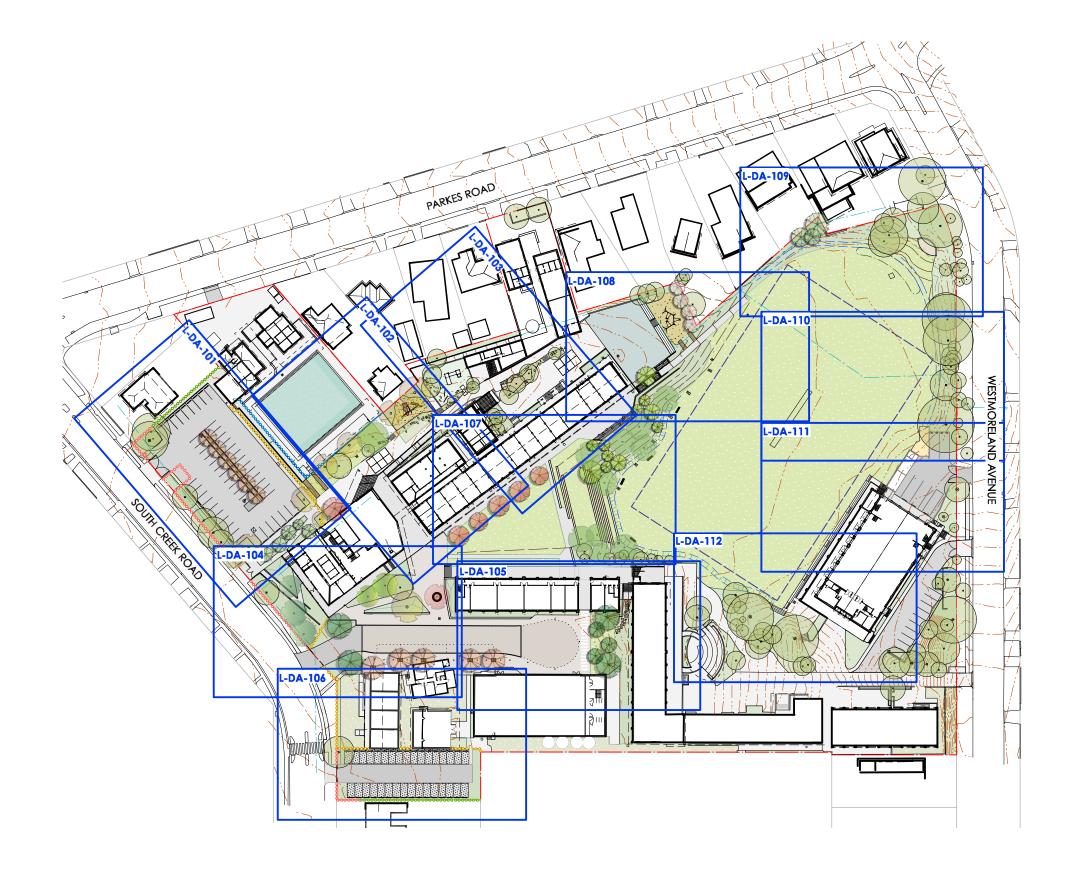
Development Application

LANDSCAPE

Prepared for Pittwater House by Jane Irwin Landscape Architecture

DRAWING SHEETS:

L-DA-000 **COVERSHEET** L-DA-001 LEGEND AND SCHEDULE L-DA-002 LEGEND AND PLANT SCHEDULE L-DA-003 LANDSCAPE MASTERPLAN L-DA-011 PRECEDENT 01 PRECEDENT 02 L-DA-012 PRECEDENT 03 L-DA-013 L-DA-101 LANDSCAPE DETAIL PLAN 01 L-DA-102 LANDSCAPE DETAIL PLAN 02 L-DA-103 LANDSCAPE DETAIL PLAN 03 L-DA-104 LANDSCAPE DETAIL PLAN 04 LANDSCAPE DETAIL PLAN 05 L-DA-105 L-DA-106 LANDSCAPE DETAIL PLAN 06 L-DA-107 LANDSCAPE DETAIL PLAN 07 L-DA-108 LANDSCAPE DETAIL PLAN 08 L-DA-109 LANDSCAPE DETAIL PLAN 09 L-DA-110 LANDSCAPE DETAIL PLAN 10 L-DA-111 LANDSCAPE DETAIL PLAN 11 L-DA-112 LANDSCAPE DETAIL PLAN 12 L-DA-500 SECTION LOCATION PLAN L-DA-501 LANDSCAPE SECTIONS 01 L-DA-502 LANDSCAPE SECTIONS / ELEVATION 02 L-DA-503 LANDSCAPE SECTIONS / ELEVATION 03 L-DA-504 LANDSCAPE SECTIONS 04 L-DA-505 LANDSCAPE SECTIONS 05 L-DA-506 LANDSCAPE SECTIONS 06 LANDSCAPE SECTIONS 07 L-DA-507



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issue	Description	Date	Ву

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Neeson Murcutt Architects PTY

Project title
Pittwater House Schools - Stage 1 70 South Creek Road, Collaroy NSW 2097

Scale @ A3 1:1200 190601 Drawing No L-DA-000

DRAWING TITLE Coversheet Drawing Status
Development Application

.EGEND										
EFERENCE	CODE	DESCRIPTION	REFERENCE	CODE	DESCRIPTION		REFERENCE	CODE	DESCRIPTION	
ENERAL			GENERAL				PAVING/SURF	ACE FINISHES		
		SITE BOUNDARY			SUBSTATION Refer Eletrical Engineer's dra	wings		P6	PAVING TYPE 6 - GRAVEL Recycled crushed sandstone	
	— · 18.5 · · —	EXISTING CONTOUR			NEW FIRE HYDRANT BOOSTER L:3500 x W:500mm, Refer Hyd	? draulic Engineer's drawing		P7	PAVING TYPE 7 - MIXED USE COU Synthetic surface with mutiple I	JRT neworking for muti-funtion pla
	— 17.5 0—	PROPOSED CONTOUR			NEW DUAL HEAD FIRE HYDRA 700x700mm, Refer Hydraulic			P8	PAVING TYPE 8 - SYNTHETIC GRA "Astroturf" or similiar, natural gre	
	+ RL 14.40	EXISTING SPOT LEVEL	WALLS, FENCE	S AND EDGES				P9	PAVING TYPE 9 - MULCH (PLAYO Cedar mulch to depths require	GROUND) d for full zones
	+ 14.40	PROPOSED SPOT LEVEL		W1	WALL TYPE 1 - CONCRETE TER Precast concrete plain color		OTHER			
	⊕ TR 15.56	EXISTING TREES RETAINED (Refer arborist report)		W2	WALL TYPE 2 - SANDSTONE RE Using sandstone "landscape			(TD)	HARDWOOD TIMBER DECKING bridges	
	(B)	EXISTING TREES TO BE REMOVED (Refer arborist report)		FT1	FENCE TYPE 1 - METAL PALISA 1200mm high metal palisade	DE FENCE e pool fence to A.S 1926.1-2012		ТВ	TIMBER BENCH SEAT	
	[]	DEMOLISH SURFACE		FT2 •••••••	FENCE TYPE 2 - GALVANISED 1800mm high galvanised sch			WS •	WHEEL STOPS	
		OVAL BOUNDARY		FT3	FENCE TYPE 3 - GALVANISED 1200mm high galvanised pa			BO	BOLLARD	
		EXISTING POOL FENCE		FT4	FENCE TYPE 4 - PALING FENC 1800mm high noise barrier to			NP	NATURE PLAY ITEMS	
		SWALE		<u>SE</u>	EDGE TYPE 1 - STEEL					
	<u> </u>	BERM AROUND OVAL	CARPARK/SUR	RFACE FINISHES						
		500-800mm above existing ground level, refer Hydraulic Engineer's drawing		R1	CARPARK SURFACE - BITUME	ч				
		EXISTING PAVED SURFACE to be retained	PAVING/SURF	ACE FINISHES						
		EXISTING BITUMEN SURFACE to be retained		P1	PAVING TYPE 1 - INSITU CONC	CRETE				
		EXISTING GRAVEL SURFACE to be retained		P2	Broom finish, plain colour PAVING TYPE 2 - INSITU CONG Broom finish, plain colour	CRETE FLUSH KERB/EDGE				
		EXISTING DECKING to be retained		(P3)	PAVING TYPE 3 - POROUS PAVING TYPE with gravel infill	/ING (CARPARK)				
		to be retained		P4	PAVING TYPE 4 - CONCRETE Pebblecrete PPX540:35D - 40					
	\(\begin{align*} & \delta \cdot \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	EXISTING DRY CREEK to be retained		P5	PAVING TYPE 5 - CONCRETE Pebblecrete PPX540:35D - 20	JNIT PAVER (TRAFFICABLE)				
		EXISTING NATURE SURFACE to be retained								
										NOT FOR CONSTRUCT

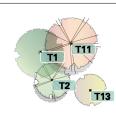
				Confirm all dimensions and levels on sile prior to commencing work. Use figured dimensions only. Do not scale. Comply with relevant authorities requirements, the Building Code of Australia and dilrelevant Australian Standards when executing works described in this drawing.	jane irwin landscape architecture Studio 203, Level2, 61 Mariborough Street Surry Hills NSW 2010 Telephone 61 2 9212 6957 Emai info@jila.net.au	jila	Neeson Murcutt Architects PTY LTD	Pittwater House Schools - Stage 1 70 South Creek Road, Collaroy NSW 2097	Scale @ A3 N/A Job No 190601	Drawing Status Development Appl	lication
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Drafted	By: AH Draffing Checked: II										© JILA

LEGEND

REFERENCE

DESCRIPTION

PLANTING



CODE

PROPOSED TREES - VARIOUS Refer plant schedule

TF

TURF



SCREENING - TALL SHRUBS AND SMALL TREES Refer plant schedule



LOW TO MEDIUM NATIVE SHRUBS Refer plant schedule



GROUNDCOVER AND GRASSY MIX - BANK Refer plant schedule



ENTRY GARDEN Refer plant schedule



SWALE / DRY CREEK BEDS Refer plant schedule

PRELIMINARY PLANT SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	
			(m)	OCCURING
	Trees			
T1	Angophora costata	Rough Barked Apple	20+	Х
T2	Callicoma serratifolia	Black Wattle	7-10	X
T3	Calodendrum capense	Cape Chestnut	10	^
T4	Corymbia citriodora	Lemon Scented Gum	20+	
T5	Corymbia maculata	Spotted Gum	20+	Х
T6	Eucalyptus haemastoma	Scribbly Gum	15	*
T7	Eucalyptus naemasioma Eucalyptus punctata	Grey Gum	20+	Х
T8	Lagerstroemia indica (Indian Summer range)	Crepe Myrtle	8-9	^
T9	Magnolia grandiflora	Bull Bay Magnolia	25	
T10	Melaleuca ericifolia	Swamp Paperbark	8	,
T11	Nyssa sylvatica	Tupelo	11	Х
T12	Sapium sebiferum	Chinese Tallowood	8	
T13	· ·	Water Gum	12	.,
GD1	Tristaniopsis laurina	vvaler Gum	1 Z	Х
GDT	Screening - tall shrubs and small trees	Consider a Martin	г о	
	Acacia terminalis Banksia robur	Sunshine Wattle	5-6	X
		Swamp Banksia	3	X
	Bursaria spinosa	Austral Blackthorn	5-10	X
	Ceratopetalum gummiferum	NSW Christmas Bush	3-5	X
	Dodonaea viscosa subsp. cuneata	Hop Bush	3	X
	Persoonia levis	Braod Leaved Geebung	4-5	X
GD2	Low to medium native shrubs			
	Banksia spinulosa	Hairpin Banksia	1-3	X
	Grevillea buxifolia	Grey Spider Flower	1-2.5	X
	Grevillea sericea	Pink Spider Flower	1-2	Х
	Lomatia myricoides	River Lomatia	2.5	X
	Melaleuca thymifolia	Thyme Honey Myrtle	1.2	X
	Philotheca myoporoides	Long Leaf Waxflower	1.5-2	
	Prostanthera denticulata	Rough Mint Bush	1	X
GD3	Groundcover and grassy mix - banks			
	Banksia 'Pygmy Possum'	Dwarf Banksia	0.3	
	Dianella caerulea	Blue Flax Lily	0.7	Х
	Eremophila 'Kalbarri Carpet'	Prostrate Emu Bush	0.1-0.2	
	Geranium solanderi	Native Geranium	0.2	×
	Goodenia heterophylla	Variable Leaved Goodenia	0.4	х
	Grevillea lanigera	Woolly Grevillea	0.5-1	
	Lomandra longifolia	Mat Rush	0.5-0.8	х
	Scaevola albida	White Fan-flower	Prostrate	Х
	Scaevola ramosissima	Purple Fan Flower	0.4	Х
	Thryptomene baeckeacea 'Prostrate'	Ground Cover Thryptomene	Prostrate	
GD4	Entry garden	, , , , , , , , , , , , , , , , , ,		
	Anigozanthos spp.	Kangaroo Paws mixed colour	0.6-1	
	Lomandra multiflora	Many Flowered Mat Rush	0.6-0.9	х
	Lomandra confertifolia 'Wingarra'	Mat Rush	0.3	<u> </u>
	Xanthorrhoea arborea	Broad Leaf Grass Tree	2	Х
GD5	Swale/dry creek bed	2.534 2541 61455 1165	_	^
300	Ficinia nodosa	Knobby Club Rush	0.5-0.6	Х
	Gahnia aspera	Rough Saw Sedge	0.6-0.8	X
	Lepidosperma laterale	Variable Sword Sedge	0.6-1.2	X

CALCULATION OF LANDSCAPE OPEN SPACE

CALCULATED AREA IN TOTAL (m2): 16837.17m2

PAVED OPEN SPACE

IMPERVIOUS SURFACE: 4732.03 m2

PERVIOUS SURFACE: 709.59 m2

LANDSCAPE OPEN SPACE

SOFTSCAPE: 11395.55 m2

NOTE: Planted and grassed deep soil area, excludes

swimming pool

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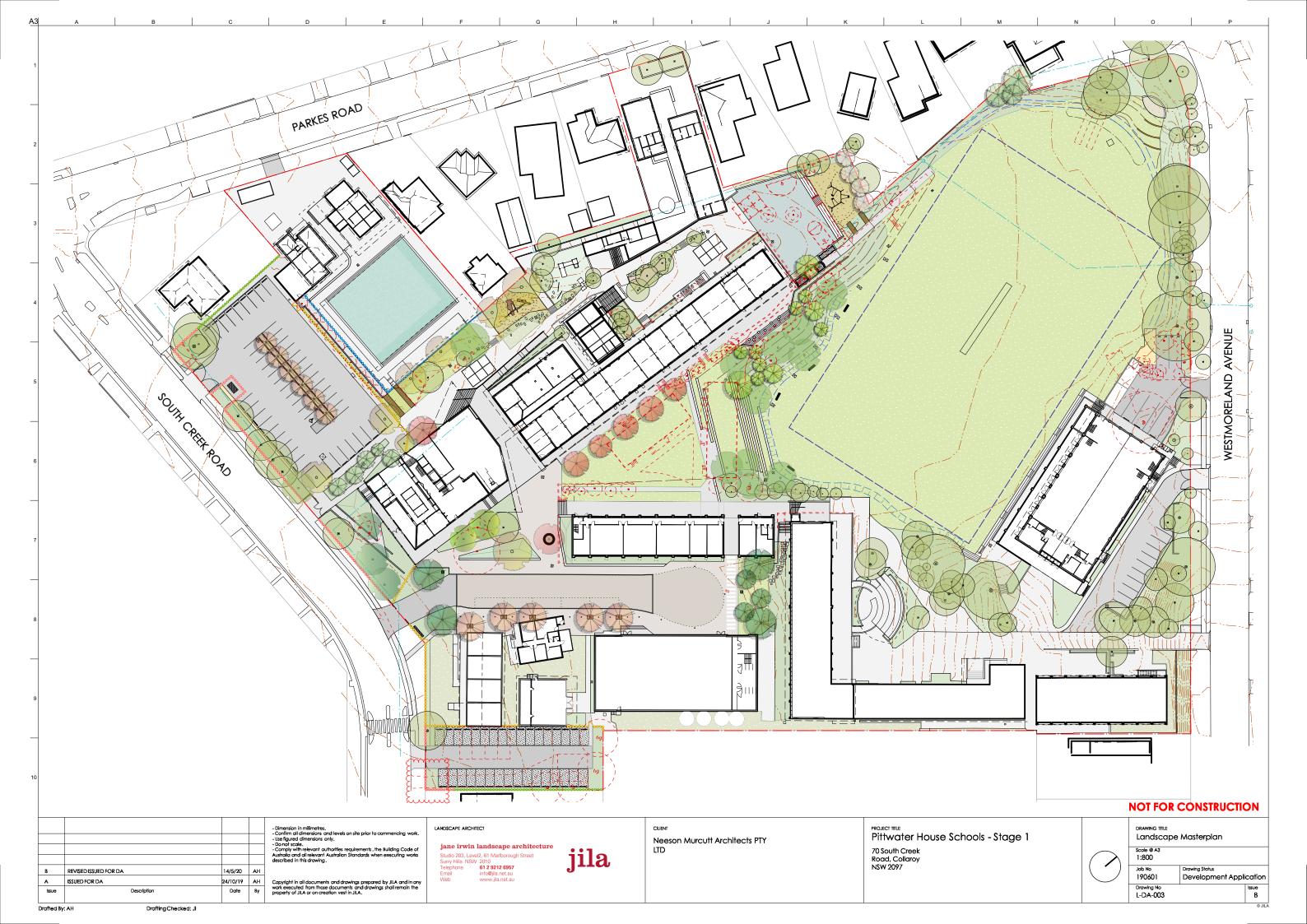
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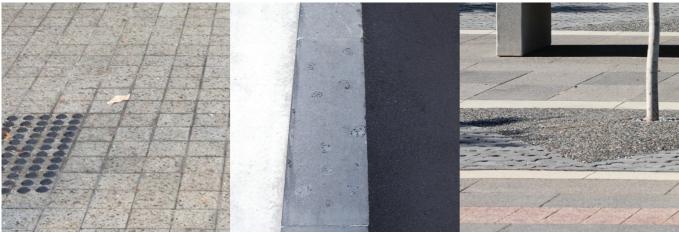
PROJECT TITLE
Pittwater House Schools - Stage 1 70 South Creek Road, Collaroy NSW 2097

DRAWING TITLE Legend and Plant Schedule Scale @ A3 N/A Job No 190601 Drawing Status
Development Application Drawing No L-DA-002





Share way to allow for use as paved open space outside of pickup and drop off hours.



Concrete cobble as robust and durable natural stone alternative

Flush kerbs and paved surface to prioritise pedestrian movement across the space

Mix of paving sizes and types

NEW CAR PARK



Permeable paving grasscrete for carpark

MEMORIAL TREE



Circular seating with tree as memorial

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PROJECT TILE
Pittwater House Schools - Stage 1

70 South Creek Road, Collaroy NSW 2097

	NOI TOK	CONSTRUCTION	
	DRAWING TITLE Precedent ()1	
	Scale @ A3 N/A		
1	Job No	Drawing Status	
	190601	Development Appli	catior
ı	Drawing No		Issue
	L-DA-011		Α

Drafted By; AH Drafting Checked: J



Gentle grassed amphitheatre terraces

OVAL AND SWALE



Grass seating mound around school oval

Vegetated swale with some stones at the base to slow down the water

Reeds and grasses to fill out swale

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PROJECT TILLE
Pittwater House Schools - Stage 1

70 South Creek Road, Collaroy NSW 2097

DRAWING TITLE Precedent 02 Scale @ A3 N/A Job No 190601 Drawing Status
Development Application Drawing No L-DA-012

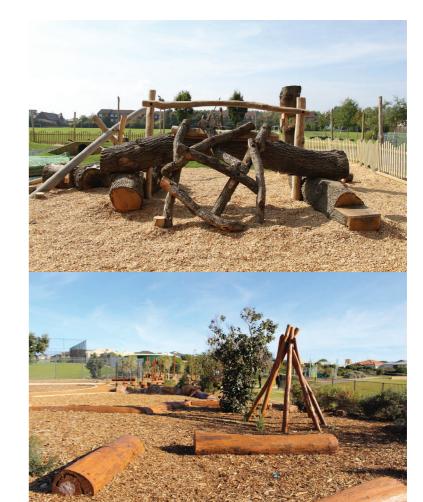
Mixed use court allowing for multiple different uses

MIXED USE COURT



Taking advantage of level change and topography for casual and dynamic seating

NATURE PLAY





Extended ECC playground provide nature play equipment

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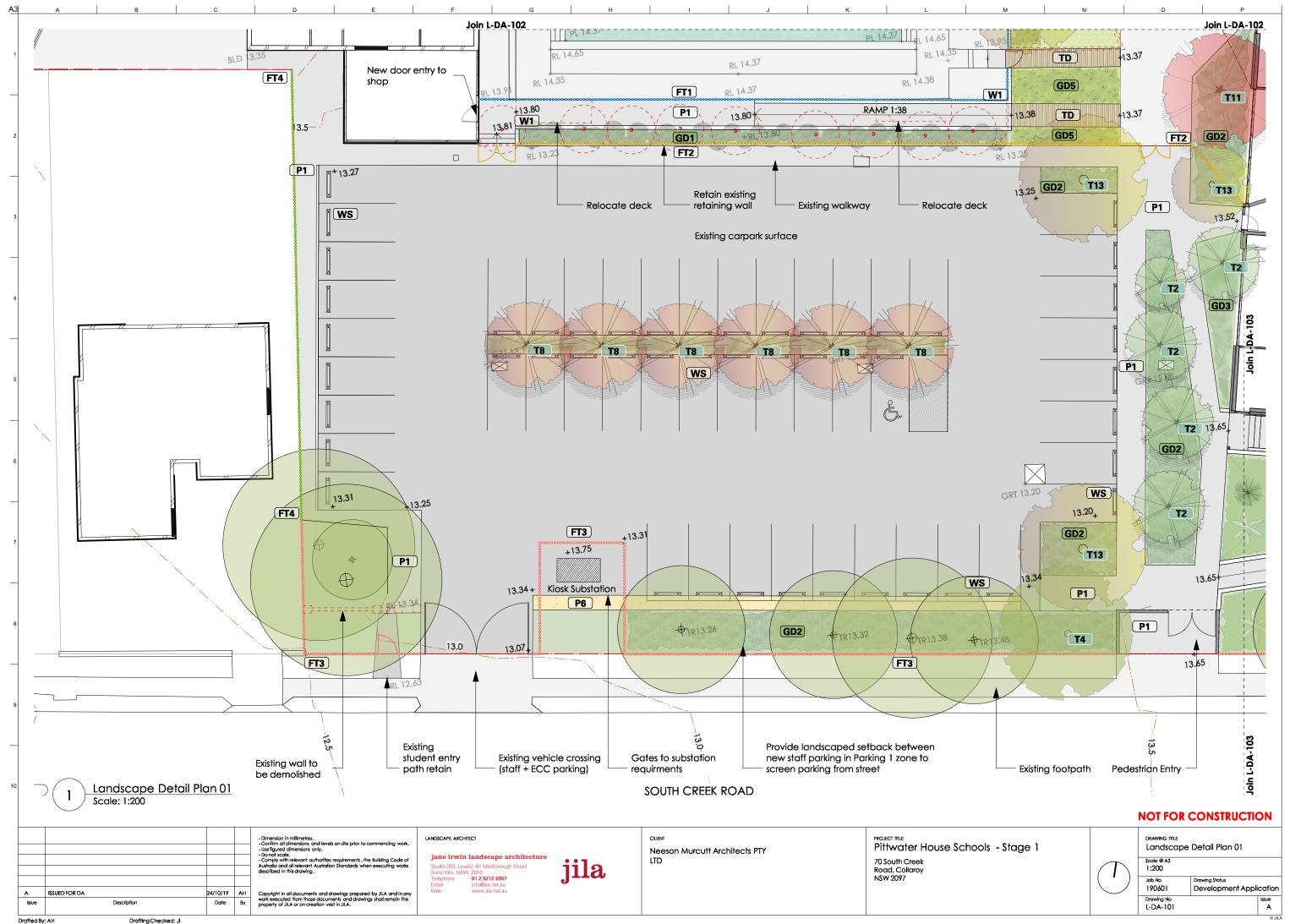
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PROJECT TILE
Pittwater House Schools - Stage 1

70 South Creek Road, Collaroy NSW 2097

NOI FOR	CONSTRUCTION	N
DRAWING TITLE		
Precedent ()3	
Scale @ A3		
N/A		
Job No	Drawing Status	
190601	Development Appli	cation
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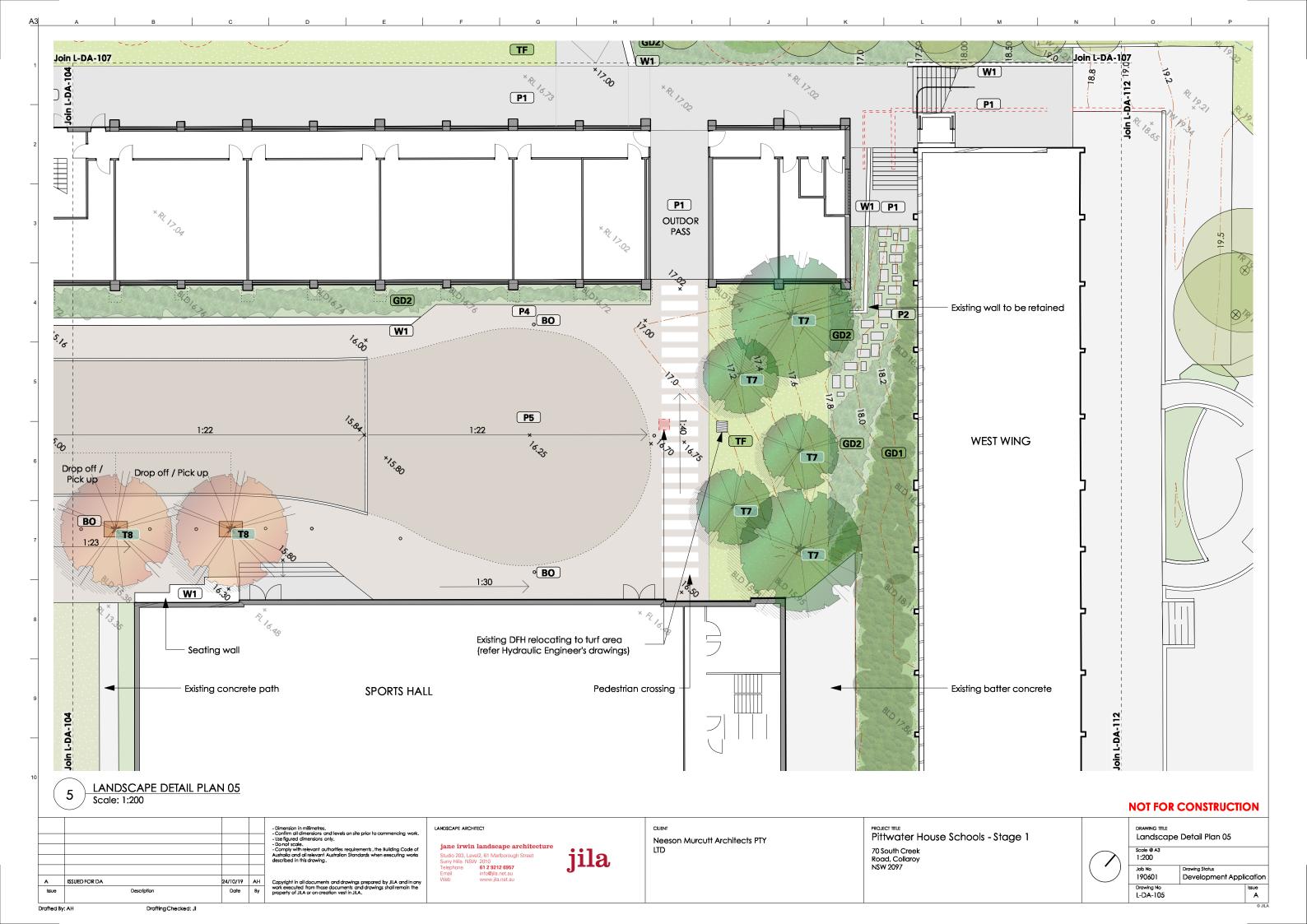
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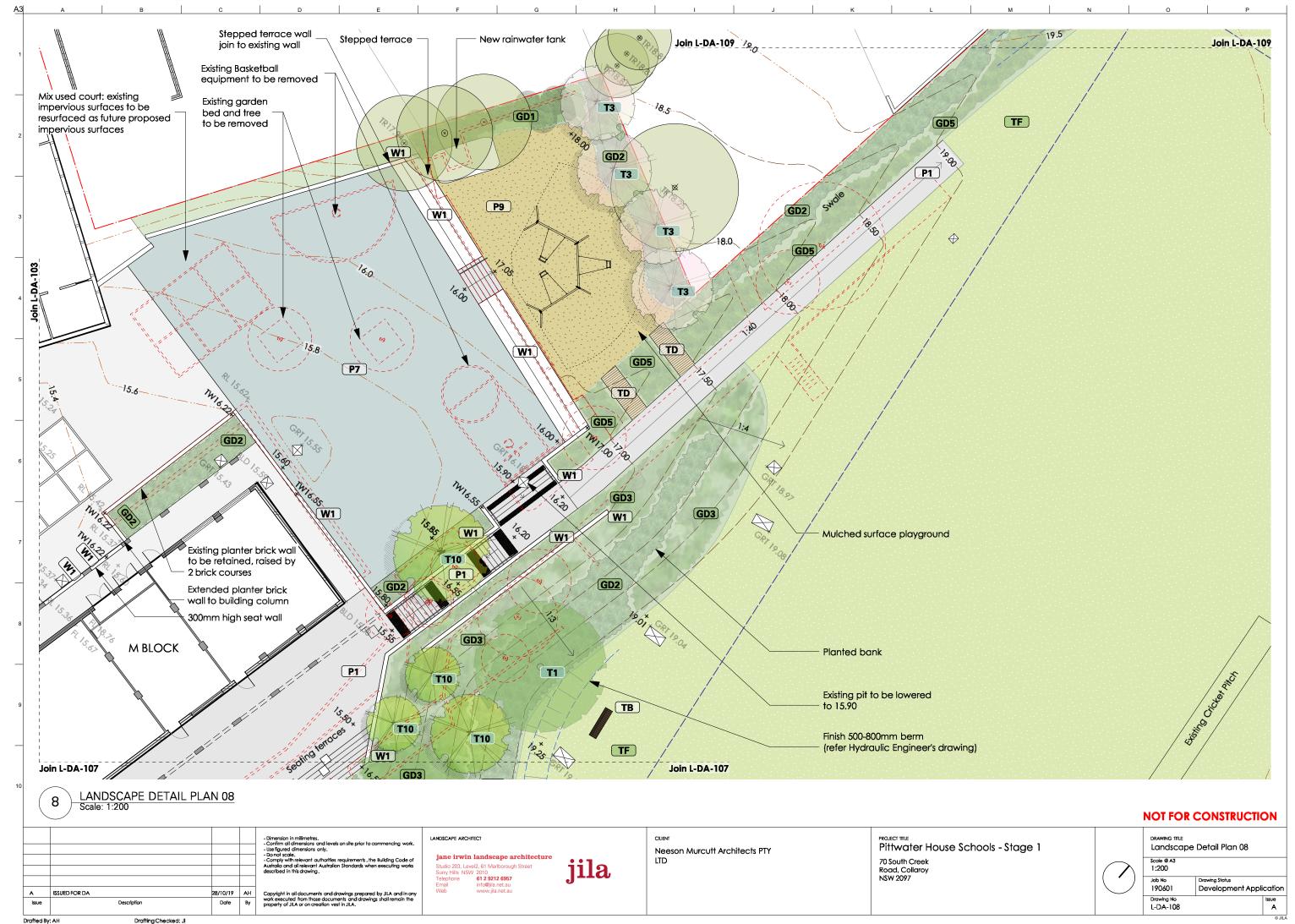




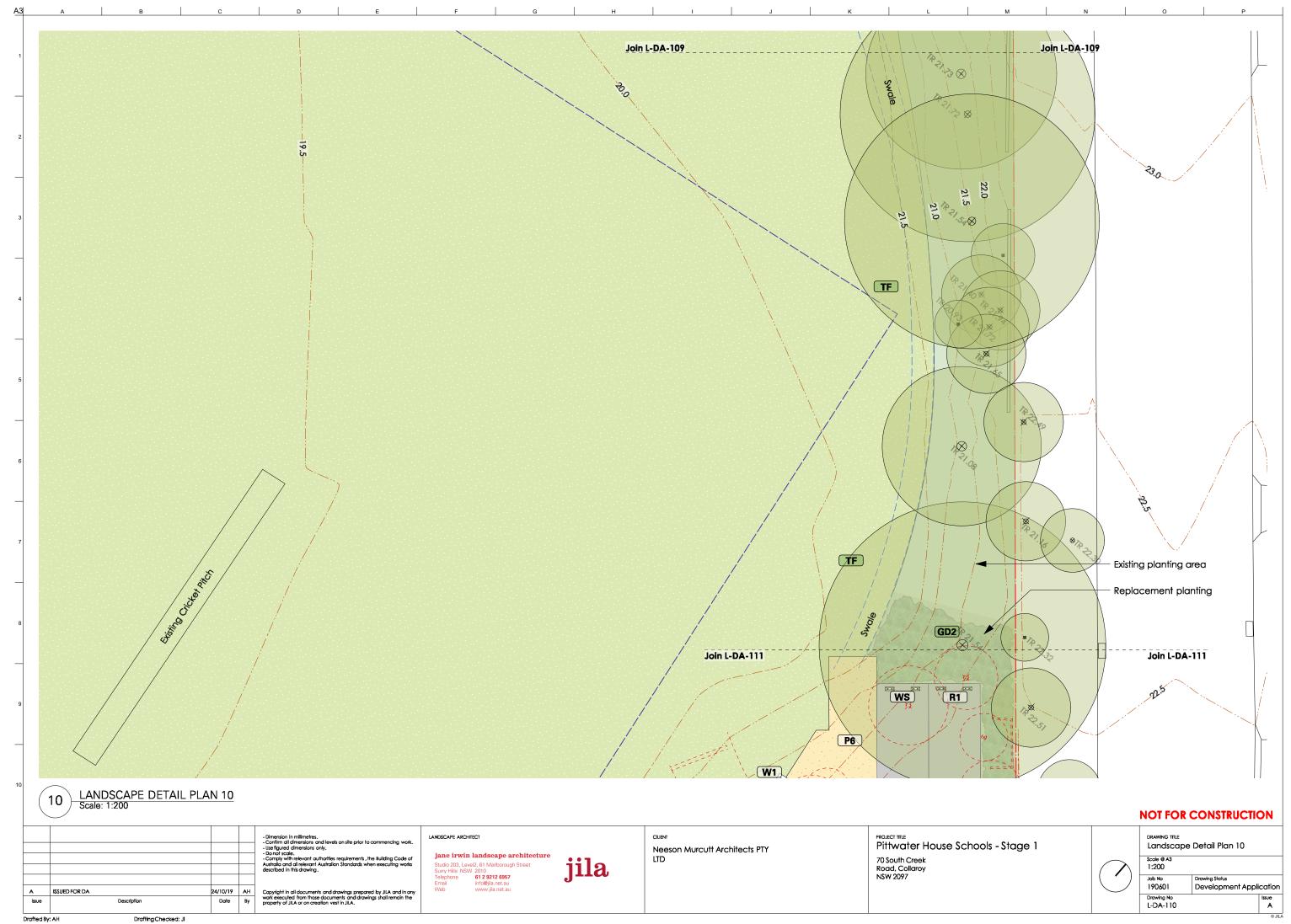


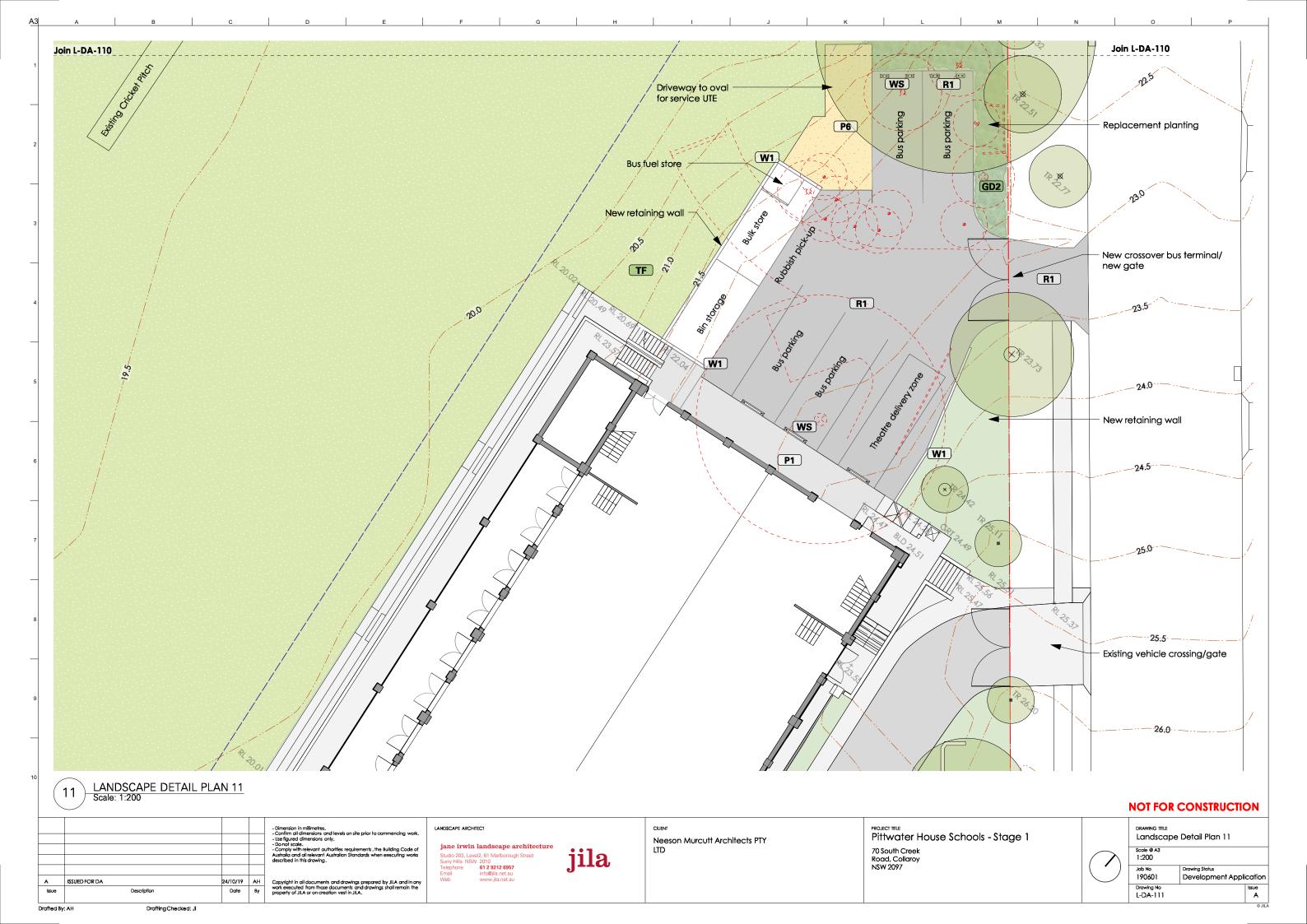


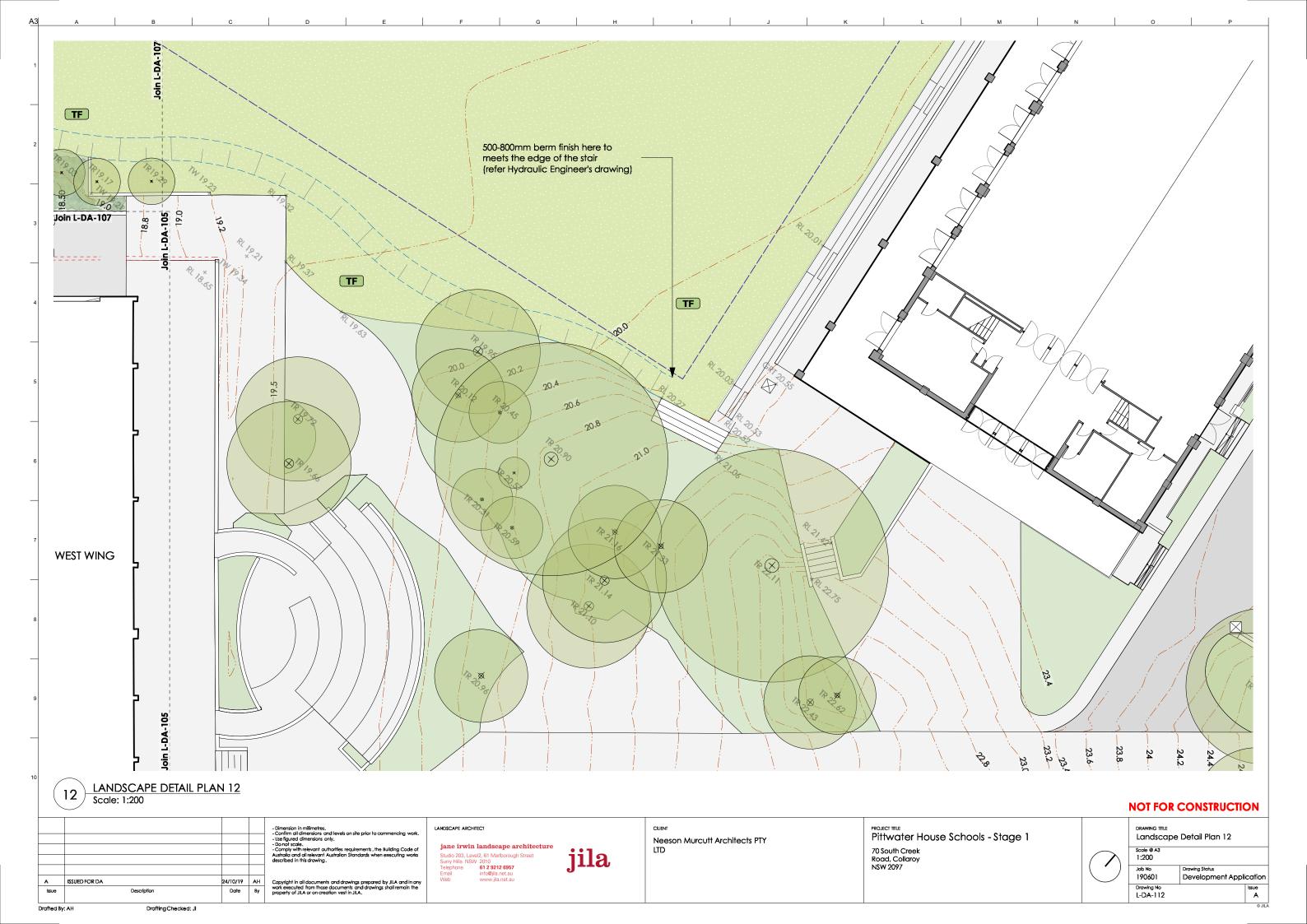


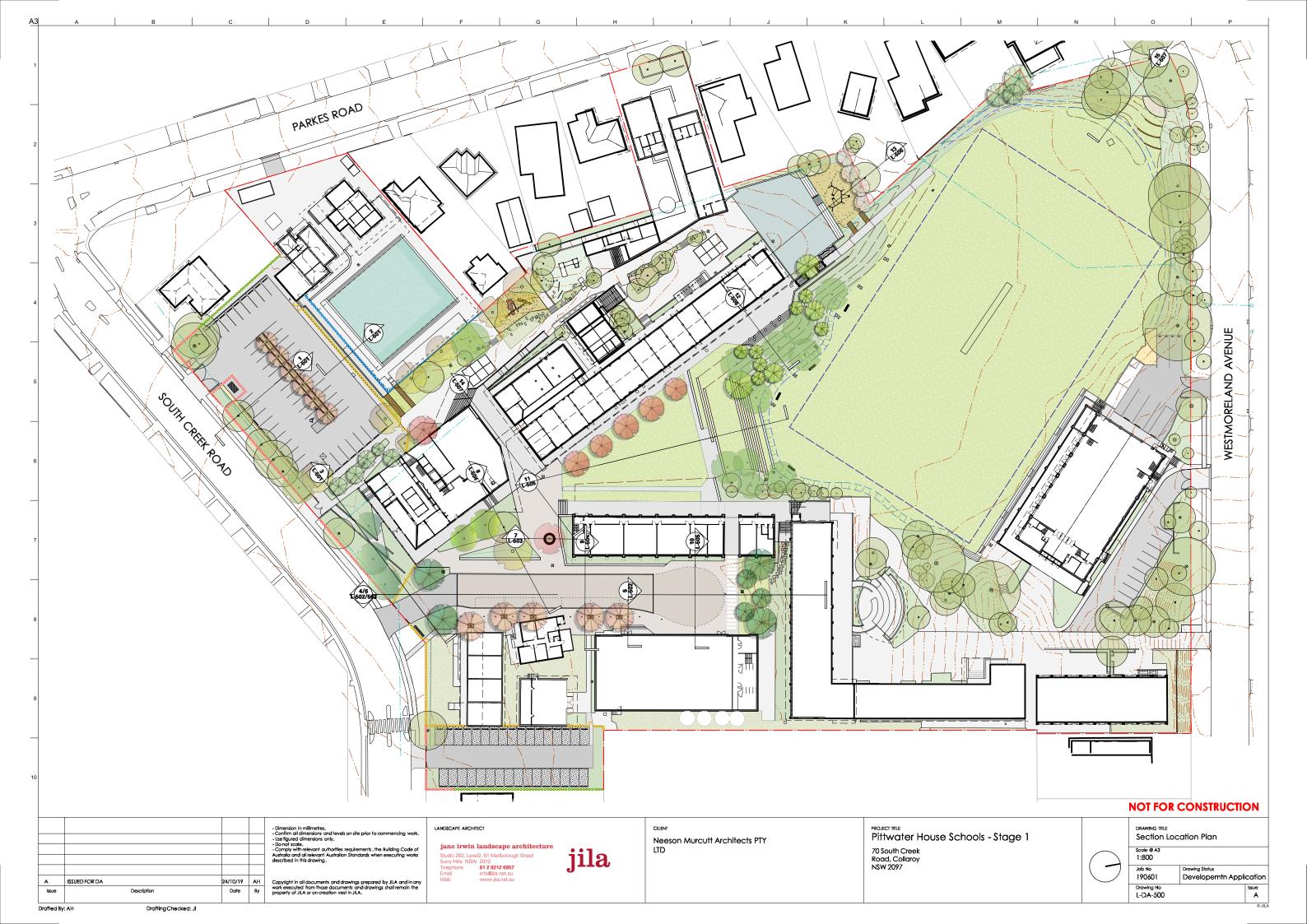


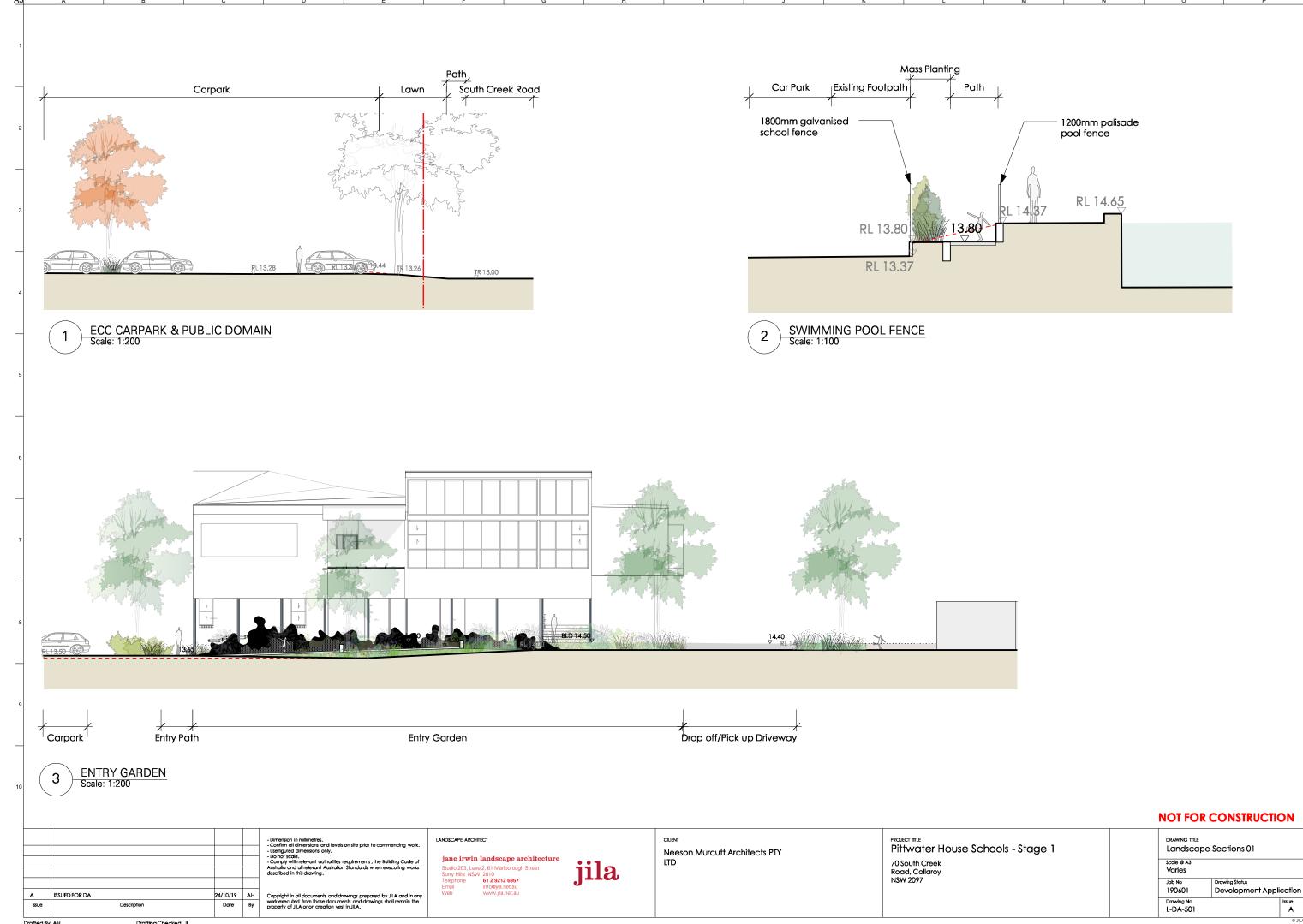












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