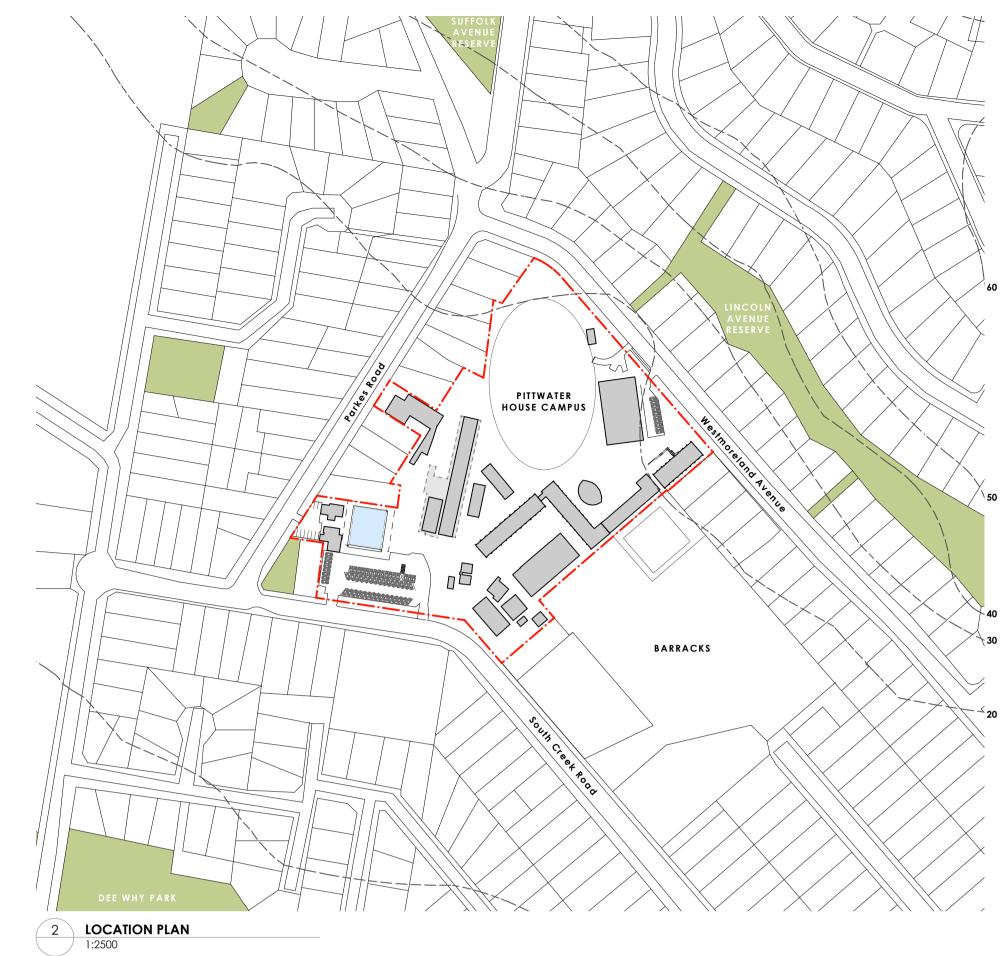
The Pittwater House Schools

DA ISSUE

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DRAWING No.	DRAWING TITLE	SCALE	REVISION
DA 01	COVER SHEET		03
DA 02	SITE ANALYSIS	1:1, 1:1500	02
DA 03	SITE ANALYSIS	1:1000, 1:200, 1:2000	01
DA 04	SITE PLAN	1:500	02
DA 05	DEMOLITION PLANS	1:200, 1:500	01
DA 06	LIBRARY + STUDENT SERVICES PLANS	1:200	01
DA 07	LIBRARY + STUDENT SERVICES ELEVATIONS + SECTIONS	1:200	01
DA 08	SOUTH + WEST WING UNIVERSAL CORE PLANS	1:200	02
DA 09	TRAFFIC	1:200	02
DA 10	SHADOW DIAGRAMS	1:1500	01
DA 11	SCHEDULE OF COLOURS AND MATERIALS		01
DA 12.1	NOTIFICATION PLAN	1:1000	02
DA 12.2	NOTIFICATION PLAN	1:500	01
DA 13.1	CONSTRUCTION METHODOLOGY	1:1500	01
DA 13.2	CONSTRUCTION METHODOLOGY	1:1500	01
DA 13.3	CONSTRUCTION METHODOLOGY	1:1500	01
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3 CONTEXT PLAN 1:7500





4 VIEW FROM SOUTH CREEK ROAD

- COMPLY WITH RELEVANT AUTHORITIES REQUIREMENTS - COMPLY WITH THE BUILDING CODE OF AUSTRALIA - COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS - DIMENSIONS IN MILLIMETRES - USE FIGURES DIMENSIONS ONLY - DO NOT SCALE

- IF DISCREPANCY EXISTS NOTIFY ARCHITECT

- COS - CONFIRM ON SITE - IF IN DOUBT ASK

CAD File: 1801 PITT_STAGE 01

AD ALUMINIUM DOOR
AW ALUMINIUM WINDOW
BG BOX GUTTER
BK BRICK
BAL/S STEEL BALUSTRADE
BW BLOCKWORK
EX-FL EXISTING FLOORING
CONC CONCRETE
CPT CARPET
CT CERAMIC TILE
DP DOWNPIPE
EXT EXISTING
FC-1 FIBRE CEMENT FLOORING
FG FIXED GLASS
FR FRIDGE
FW FLOOR WASTE

FBG GLAZED FACE BRICK
FBGS GLAZED FACE BRICK SCREEN
JU JOINERY UNIT
LO-1 EXTERNAL LOUVRES - RETRACTABLE
LO-2 EXERNAL LOUVRES - FIXED, HORIZONTAL
MAT ENTRY MAT
MC METAL CLADDING
MR METAL ROOFING
PM PERFORATED METAL
RF RUBBER FLOORING
RWO RAINWATER OUTLET
SC STEEL COLUMN
SK SKYLIGHT
TD TIMBER DOOR JOINERY
TW TIMBER WINDOW JOINERY

EXISTING ELEMENTS TO BE RETAINED — — EXISTING ELEMENTS TO BE DEMOLISHED
 ISSUE
 DATE
 REVISION

 01
 31/10/19
 DA Issue

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 DA Revision

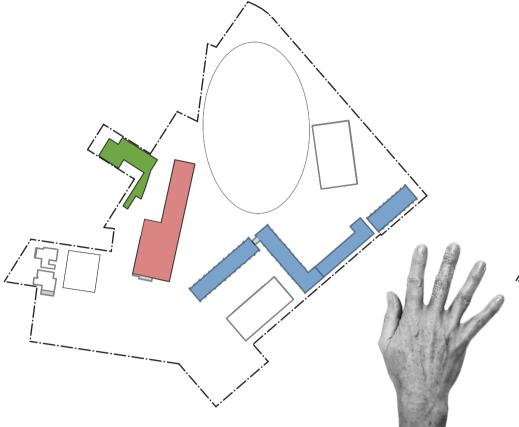
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 11/5/20
 DA Revision

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The Pit	twater	House Schools		NEESON M	URCUTT + NEILLE
70 Sou	th Cree	ek Rd, Collaroy NSW 2097			JRCUTT ARCHITECTS PTY LTE
					TS POINT 2011 T: 8203 1870
FOR The	Pittwat	er House Schools		NOMINATED ARCHITECT :	RACHEL NEESON No. 6692
NO	REV	TITLE	PHASE	SCALE	DATE
DA 01	03	COVER SHEET	DA	@A1	11/5/20

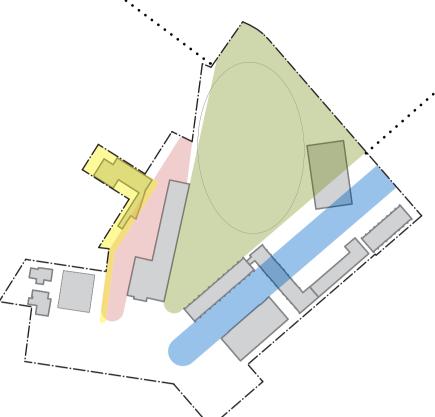
STRATEGIC STRATEGIES





THREE SCHOOLS - ONE CAMPUS - BUILDING 'FINGERS'

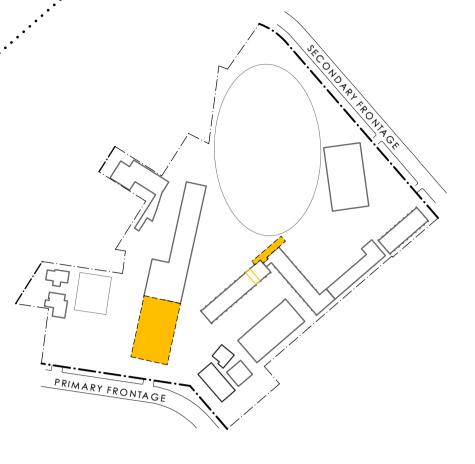
Three schools occupy the campus and together form Pittwater House. The masterplan strengthens the core location of each distinct school. They are like the 'fingers' extending from the 'palm' on South Creek Road, up towards Westmoreland Avenue.



LANDSCAPES 'SPINES'

The campus is organised by a series of landscape spines – the spaces between the 'fingers'. This strategic hierarchy of landscape and open play areas builds on what the campus already has, preserving amenity, defining possible locations for new buildings, and speaking to the beauty of the existing site. The central spine incorporates the impressive oval. The western spine builds on this as the Junior school playground – the former creekline. The eastern spine connects through the heart of the Senior school.

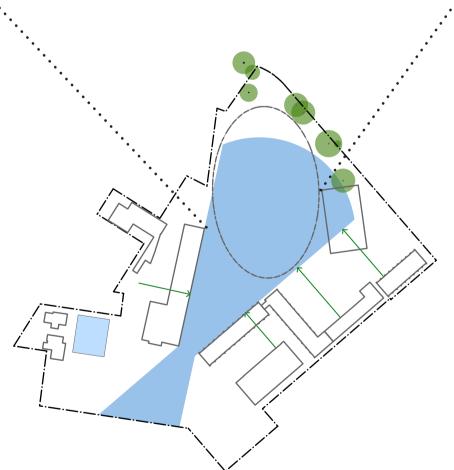
The simple organisation of 'building fingers' and 'landscape spines' provides a clear circulation logic, efficient movement and intuitive wayfinding. It allows internal spaces to be connected to landscape, natural light and fresh air – such spaces make us feel good, and help with alertness and learning.



THE NEW 'FACE'

The masterplan brings clarity to South Creek Road as the primary street address. It locates new buildings with shared facilities defining a shared zone – the 'palm' of the hand – and strengthening the core identity of the school right at the primary frontage.

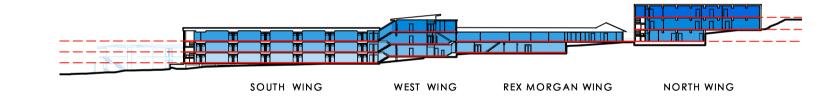


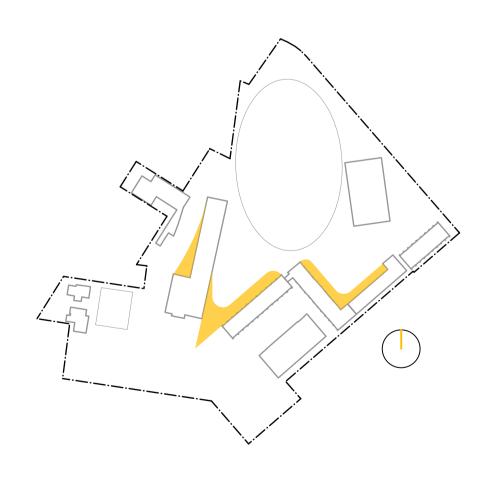


VIEW TO GREEN CAMPUS

The masterplan strengthens connection to the oval – the school's prized green space. The central spine opens views to the oval, its mature tree edging, and the green plateau beyond, from the primary campus entrance on South Creek Road.

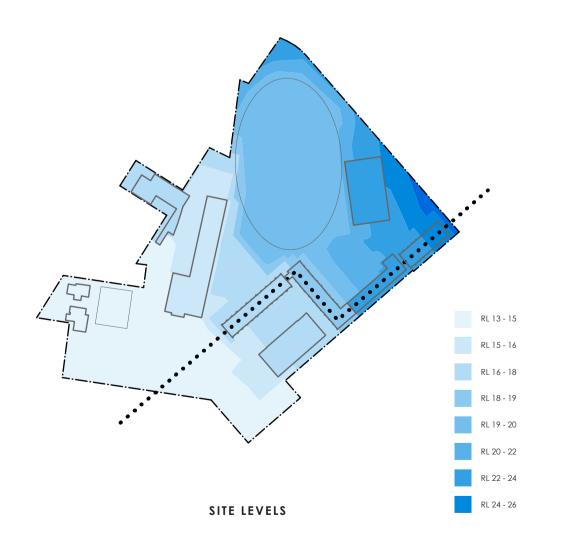
The masterplan also opens views from the Junior and Senior school fingers to the Main Hall on the edge of the oval, establishing a positive connection to this, the most substantial old building on the site. The Main Hall can be opened more to the heart of the school and made to feel more welcoming.





The masterplan recognises the value of north-facing sunny spaces – drawing people to them in winter and readily shaded through passive design in summer. Sydney's temperate climate is well-suited to all weather learning. Strategically placed all-weather spaces for large groups have potential for multiple and frequent use.

SUNNY SPACES



The site falls almost 16m from Westmoreland Avenue to South Creek Road. The difficulty of slope is compounded by significant differences in building floor levels, presenting challenges in connecting buildings and establishing universal access across the campus. The masterplan finds opportunities for cross-campus pedestrian movement along contour lines, and strategic locations for stairs and lifts.

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CAD File: 1801 PITT_STAGE 01

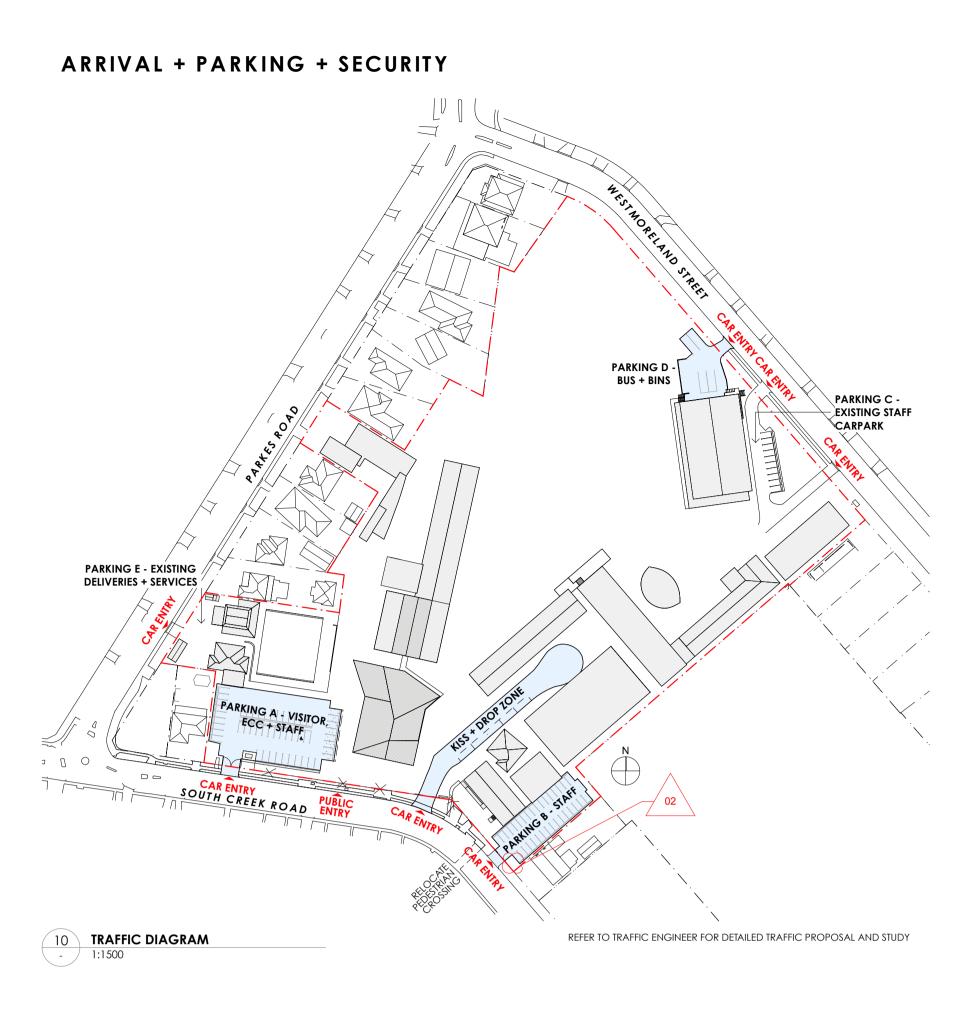
AD ALUMINIUM DOOR
AW ALUMINIUM WINDOW
BG BOX GUTTER
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BW BLOCKWORK
EX-FL EXISTING FLOORING
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CT CARPET
CT CERAMIC TILE
DP DOWNPIPE
EXT EXISTING
FC-1 FIBRE CEMENT FLOORING
FG FIXED GLASS
FR FRIDGE
FW FLOOR WASTE

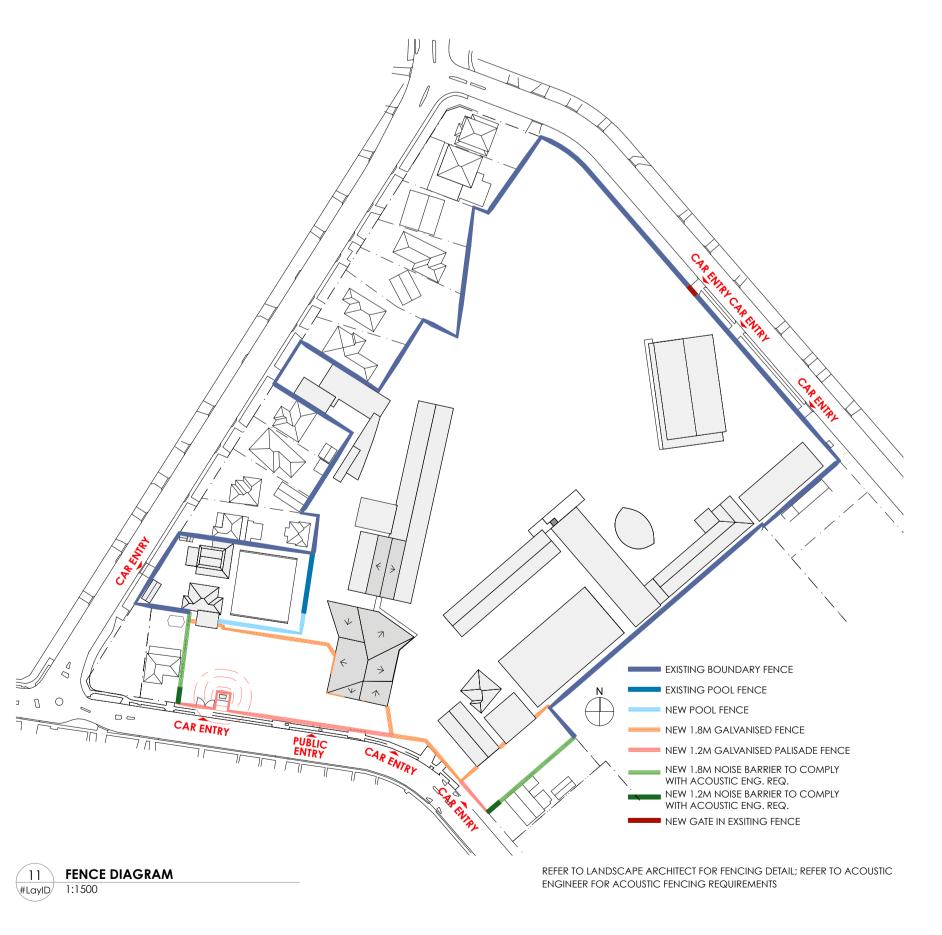
GLAZED FACE BRICK
GLAZED FACE BRICK SCREEN
JOINERY UNIT
EXTERNAL LOUVRES - RETRACTABLE
E EXERNAL LOUVRES - FIXED, HORIZONTAL
ENTRY MAT
METAL CLADDING
METAL ROOFING
PERFORATED METAL
RUBBER FLOORING
RAINWATER OUTLET
STEEL COLUMN
SKYLIGHT
TIMBER DOOR JOINERY
TIMBER WINDOW JOINERY

EXISTING ELEMENTS TO BE RETAINED EXISTING ELEMENTS TO BE DEMOLISHED

31/10/19 DA Issue 11/5/20 DA Revision

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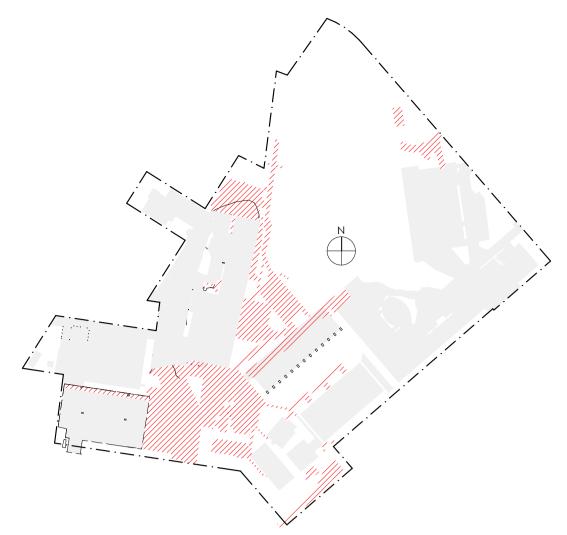




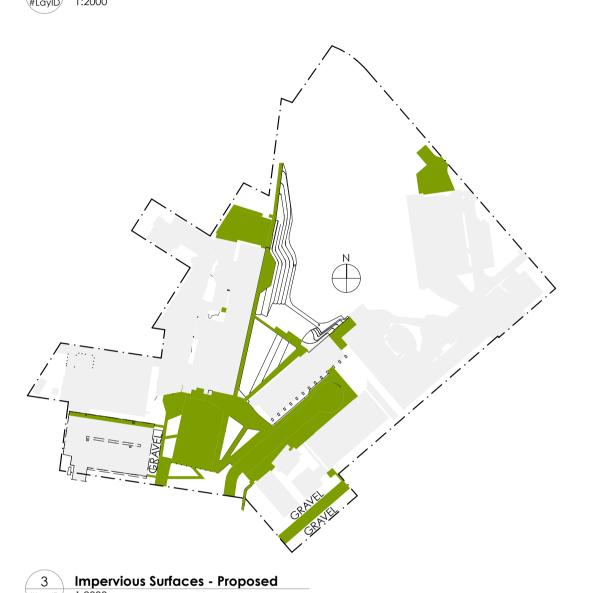
		SITE ANALYSIS	DA	1:1, 1:1500 @A1	11/5/20		
NO	REV	TITLE	PHASE	SCALE	DATE		
FOR The Pittwater House Schools				L1 9 ROSLYN ST POTTS POINT 2011 T: 8203 18 NOMINATED ARCHITECT : RACHEL NEESON No. 60			
70 Sou	uth Cree	ek Rd, Collaroy NSW 2097		NEESON MURCUTT ARCHITECTS PTY L			
ine ri	ttwater	House Schools		NEESON MURCUTT + NEILI			

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IMPERVIOUS AREA STUDY







Impervious Surfa	ces - Existing	Impervious Surfe	aces - Demo	Impervious Surfe	aces - New
Element ID	Area	Element ID	Area	Element ID	Area
BITUMEN	1,205.19	BITUMEN	177.25	BITUMEN	102.94
BITUMEN	1,992.79	CONCRETE	5.97	BITUMEN	263.41
CONCRETE	10.64	CONCRETE	14.21	BITUMEN	332.93
CONCRETE	33.16	CONCRETE	19.34	CONCRETE	6.03
CONCRETE	50.34	CONCRETE	29.98	CONCRETE	18.11
CONCRETE	82.02	CONCRETE	50.27	CONCRETE	19.42
CONCRETE	714.63	CONCRETE	134.24	CONCRETE	29.48
CONCRETE	1,076.54	CONCRETE	189.98	CONCRETE	94.18
CONCRETE	1,262.79	CONCRETE	365.57	CONCRETE	106.34
CONCRETE	1,277.65	CONCRETE	414.41	CONCRETE	205.63
CONCRETE	2,010.54	CONCRETE	698.30	CONCRETE	241.52
CONCRETE - BLDG	146.49	CONCRETE	714.63	CONCRETE	330.57
CONCRETE - BLDG	149.46	CONCRETE	1,019.57	CONCRETE	662.51
CONCRETE - BLDG	163.63	CONCRETE	1,019.57	CONCRETE	1,024.27
CONCRETE - BLDG	180.65	CONCRETE	2,010.54	CONCRETE - BLDG	760.54
CONCRETE - BLDG	260.79	CONCRETE	2,010.54	PEBBLECRETE	536.58
CONCRETE - BLDG	511.03	CONCRETE - BLDG	163.22	PEBBLECRETE	730.74
CONCRETE - BLDG	674.39	CONCRETE - BLDG	187.00	SYNTHETIC SURFACE	404.72
CONCRETE - BLDG	817.30	CONCRETE - BLDG	190.62		5,869.92 m²
CONCRETE - BLDG	818.40		9,415.21 m²		'
CONCRETE - BLDG	1,068.76			•	
CONCRETE - BLDG	1,598.29	1			
CONCRETE - BLDG	1,992.79				

CONCLUSION

existing

18,096.83 m²

ABOVE FINDING IS THAT THE PROPOSAL INCLUDES LESS IMPERVIOUS SURFACES THAN EXISTING,

14,553.19 m² (less 3,543.64 m²)

ALLOWING FOR GREATER RAINFALL ABSORPTION ON-SITE.

18,098.27 m²

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VISUAL IMPACT ON WIDER CONTEXT



1 ROOF MATERIALITY SURVEY
- 1:1000

ZINCALUME WITHIN THE IMMEDIATE CONTEXT DEMONSTRATING THE PRECEDENT FOR THE ANTI HEAT-ABSORBING ROOF MATERIALITY

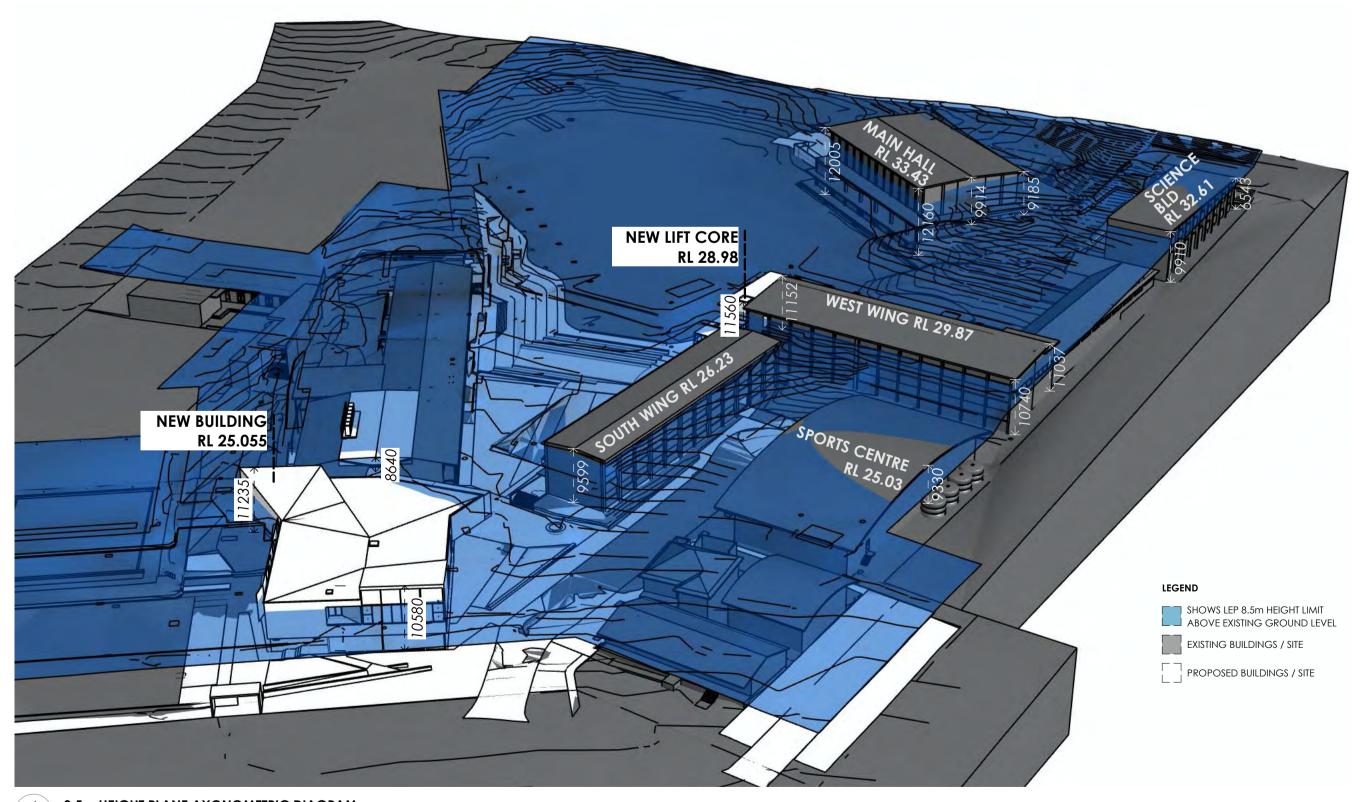
INDICATES STREET NUMBERS; REFER TO IMAGES TO THE RIGHT FOR VIEWS TOWARDS NEW BUILDINGS FROM APPROXIMATE TOP HABITABLE STOREY OF EACH DWELLING

VIEW FROM 74 WESTMORELAND AVE VIEW FROM 72 WESTMORELAND AVE VIEW FROM 70 WESTMORELAND AVE VIEW FROM 68 WESTMORELAND AVE VIEW FROM 66 WESTMORELAND AVE VIEW FROM 64 WESTMORELAND AVE VIEW FROM 62 WESTMORELAND AVE VIEW FROM 60 WESTMORELAND AVE

HEIGHT ABOVE EXISTING GROUND

3D VIEWS FROM APPROXIMATE EYE LEVEL FROM TOP FLOOR OF EACH DWELLING

VIEW FROM 58 WESTMORELAND AVE



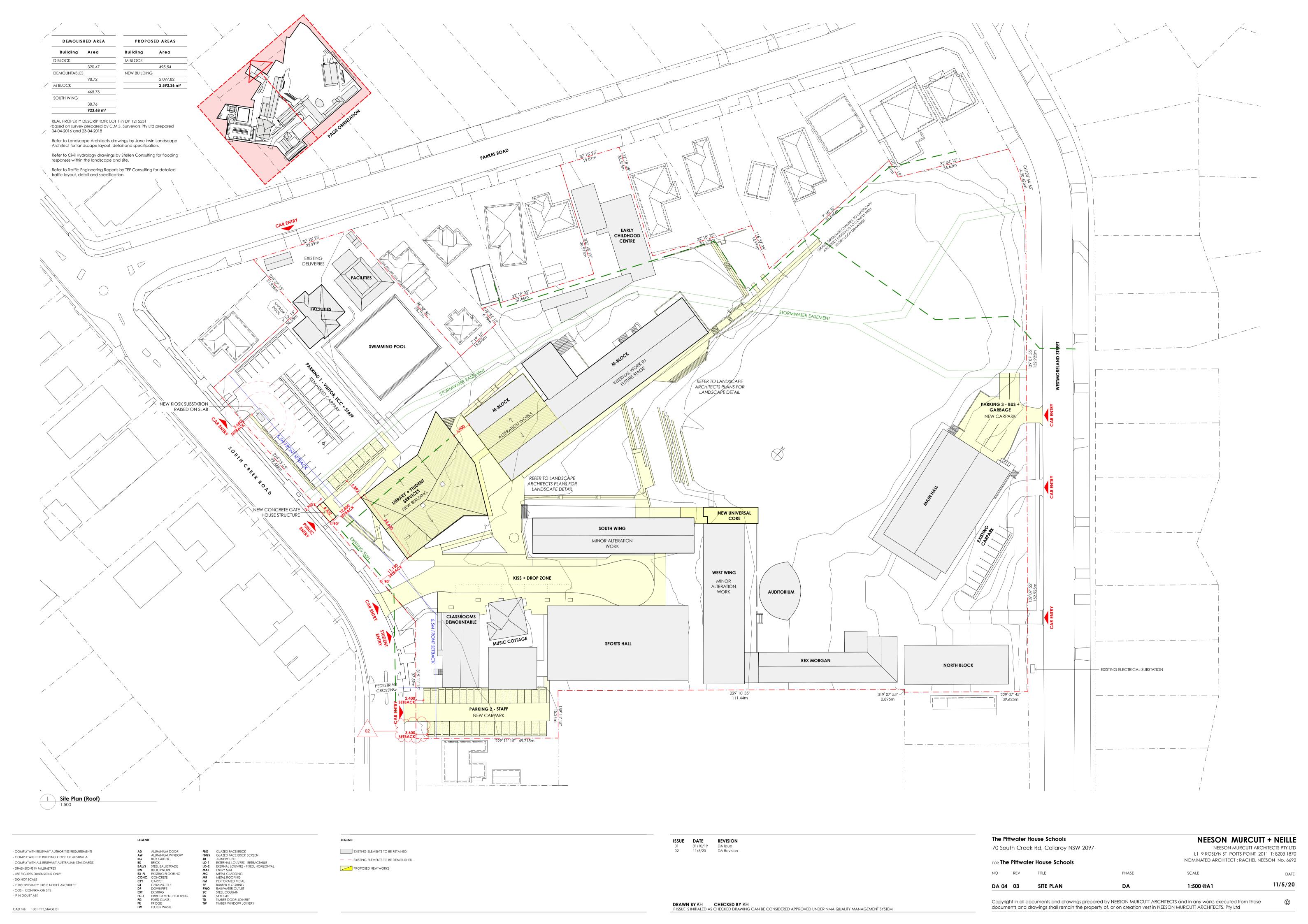
4 8.5m HEIGHT PLANE AXONOMETRIC DIAGRAM 1:200

ISSUE DATE REVISION 01 31/10/19 DA Issue

The Pittwater House Schools NEESON MURCUTT + NEILLE 70 South Creek Rd, Collaroy NSW 2097 NEESON MURCUTT ARCHITECTS PTY LTD L1 9 ROSLYN ST POTTS POINT 2011 T: 8203 1870 NOMINATED ARCHITECT: RACHEL NEESON No. 6692 FOR The Pittwater House Schools NO REV PHASE SCALE 11/5/20 1:1000, 1:2000, 1:200 @A1 SITE ANALYSIS DA DA 03 01

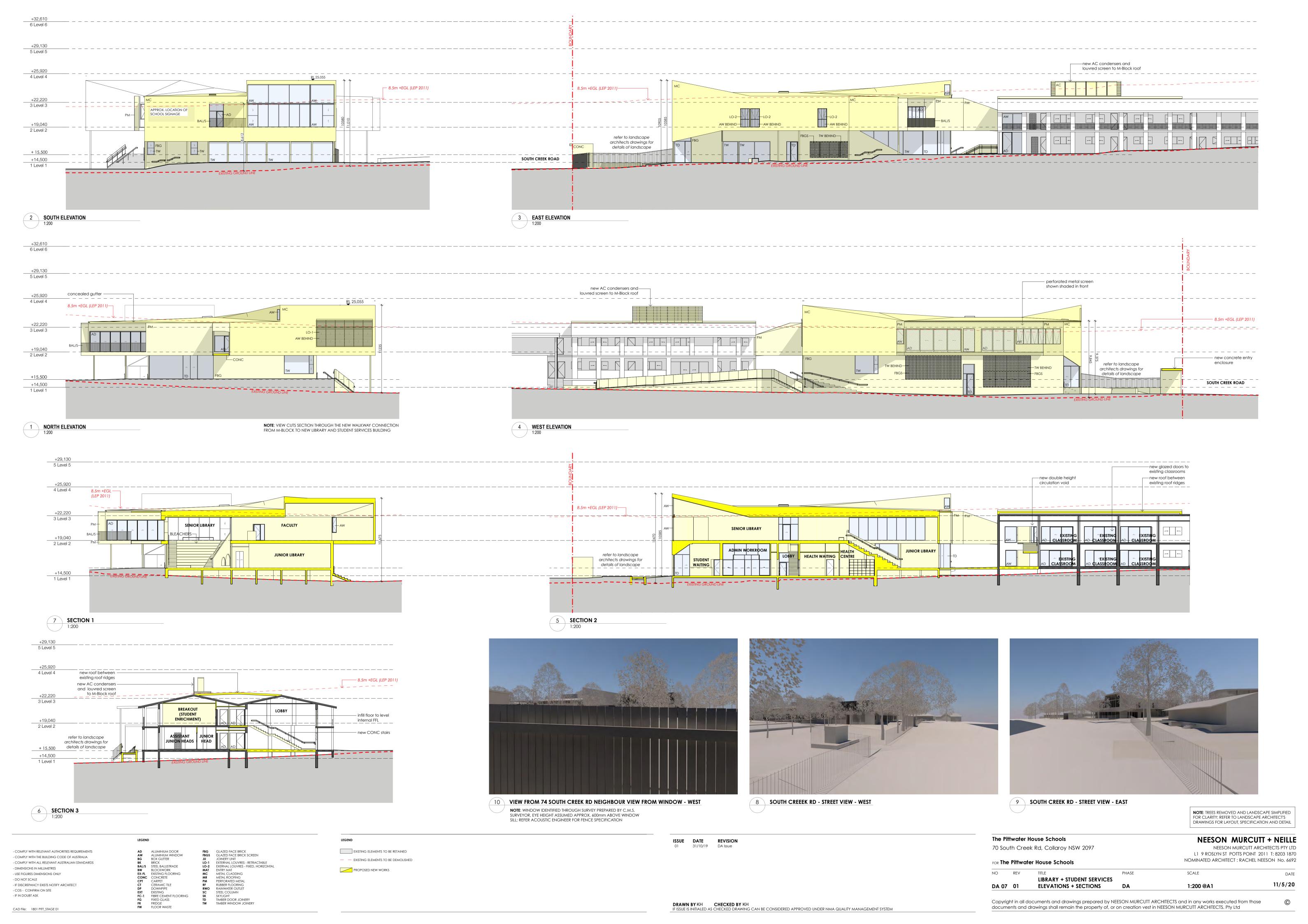
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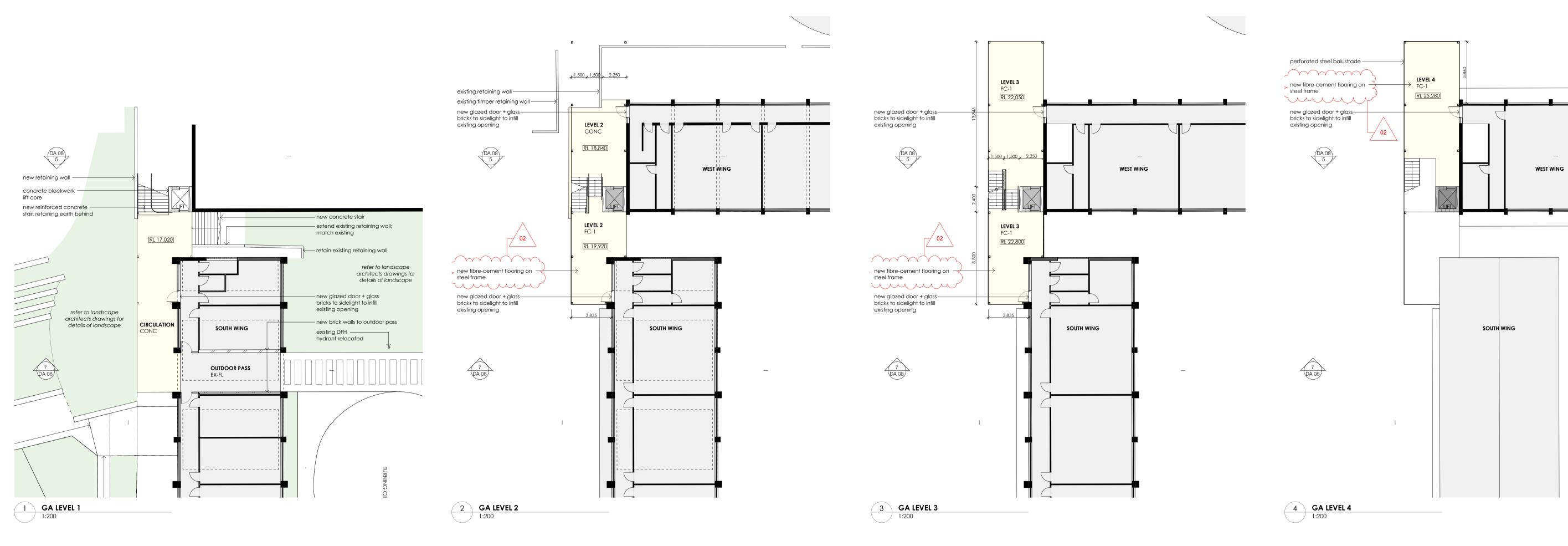
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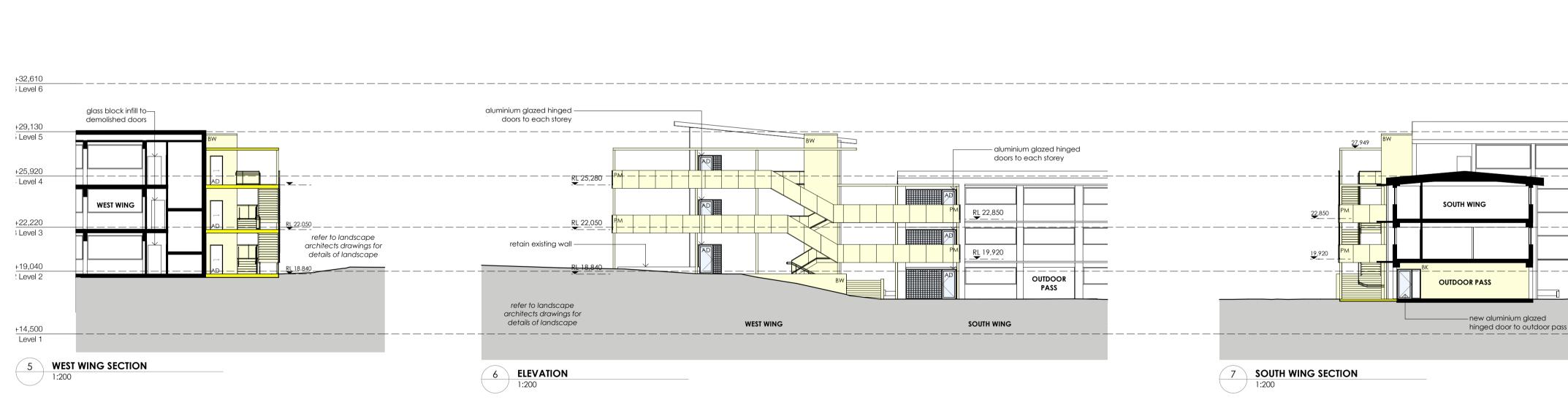


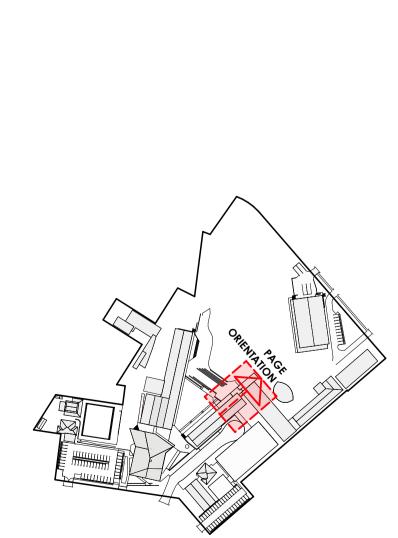












The Pit	twater I	louse Schools		NEESON MURCUTT + NEILL			
70 Sou	th Cree	k Rd, Collaroy NSW 2097		NEESON MURCUTT ARCHITECTS PTY LTI			
		,		L1 9 ROSLYN ST POTTS	POINT 2011 T: 8203 1870		
FOR The	Pittwat	er House Schools		NOMINATED ARCHITECT : RA	ACHEL NEESON No. 6692		
	Pittwate REV	er House Schools	PHASE	NOMINATED ARCHITECT : RA	ACHEL NEESON No. 6692 Date		
FOR The			PHASE				

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BAL/S STEEL BALUSTRADE
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TW
TIMBER WINDOW JOINERY
FW
FLOOR WASTE

LEGEND

EXISTING ELEMENTS TO BE RETAINED

- EXISTING ELEMENTS TO BE DEMOLISHED

PROPOSED NEW WORKS

ADMINISTRATION/ STAFF

STUDENT LEARNING

STUDENT SERVICES

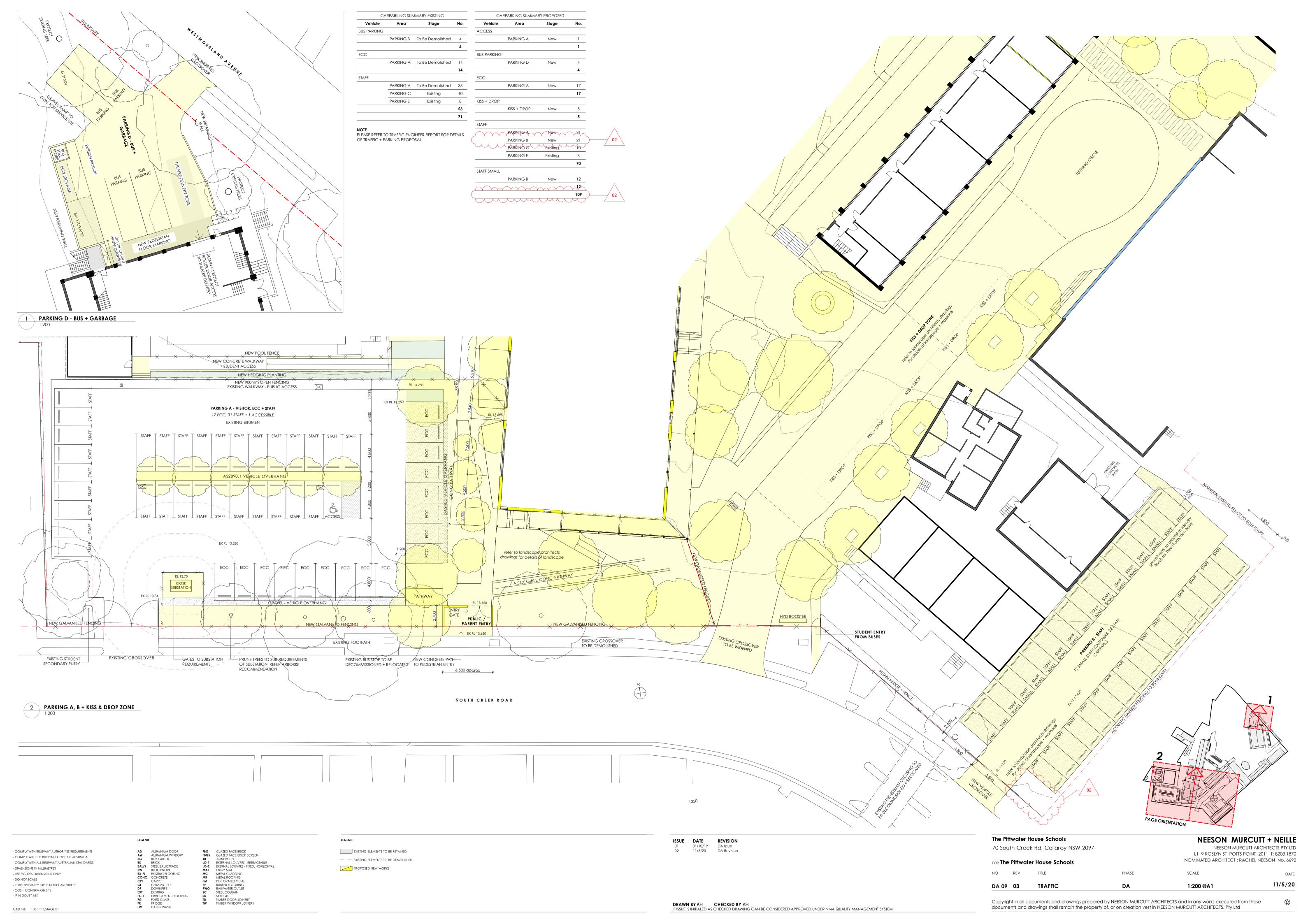
EXTERNAL + CIRCULATION

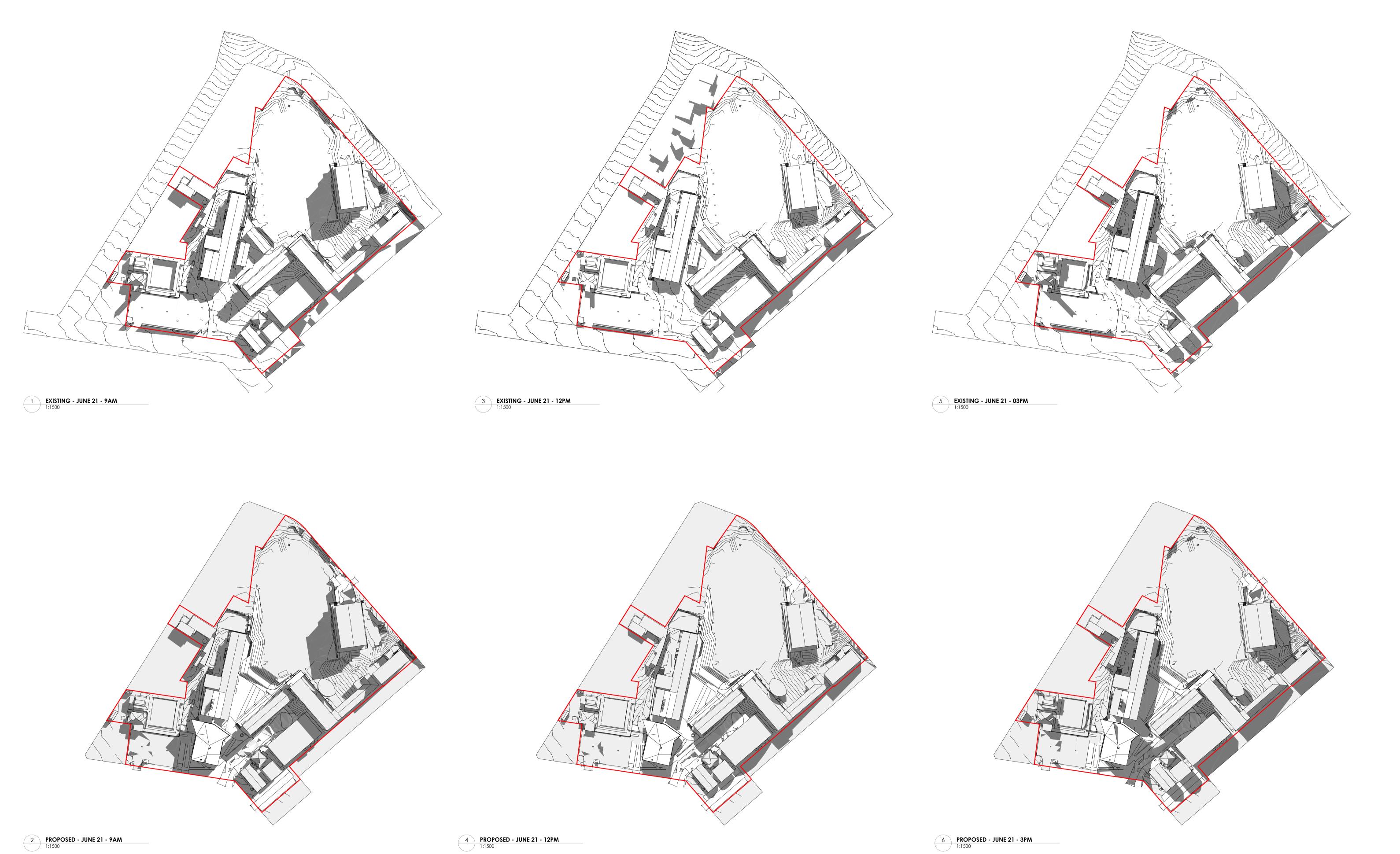
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		ek Rd, Collaroy NSW 2097 er House Schools			Cutt Architects Pty Lte Point 2011 t: 8203 1870 Achel Neeson No. 6692
NO	REV	TITLE	PHASE	SCALE	DATE
DA 10	01	SHADOW DIAGRAMS	DA	1:1500 @A1	11/5/20

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EXISTING

M-BLOCK



LIBRARY + STUDENT SERVICES BUILDING



Painted brick walls Surfmist corrugated metal



Metal Deck Roofing / Claddin





Face Glazed Brick

Face Glazed Brick Screen



Perforated Metal Screen Powdercoat/ Paint finis



Timber Doors & Windows Accoya, clear finis

Glazing Clear



AD AW Aluminium Doors & Windows Clear finished, anodise Glazing Clear



LO-1 External Louvres - Adjustable Powdercoat White



LO-2 External Louvres - Fixed Powdercoat White

EXISTING

SOUTH + WEST WING

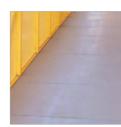


Face brick walls Painted concrete **PROPOSED**

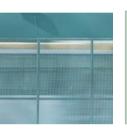
SOUTH + WEST WING UNIVERSAL CORE



Exposed Steel Frame Structure Powdercoat/ Paint finis



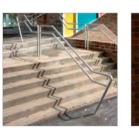
FC-1 Fibre Cement Flooring



Perforated Metal Screen Balustrade Powdercoat/ Paint finis



Blockwork Render + Paint Finish





Concrete stairs

REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR LANDSCAPE MATERIALS AND FINISHES

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LEGEND AD ALUMINIUM DOOR
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70 South Creek Rd, Collaroy NSW 2097 FOR The Pittwater House Schools NO REV TITLE

DA 11 01

The Pittwater House Schools

NEESON MURCUTT ARCHITECTS PTY LTD L1 9 ROSLYN ST POTTS POINT 2011 T: 8203 1870 NOMINATED ARCHITECT: RACHEL NEESON No. 6692 SCALE DATE 11/5/20

@A1

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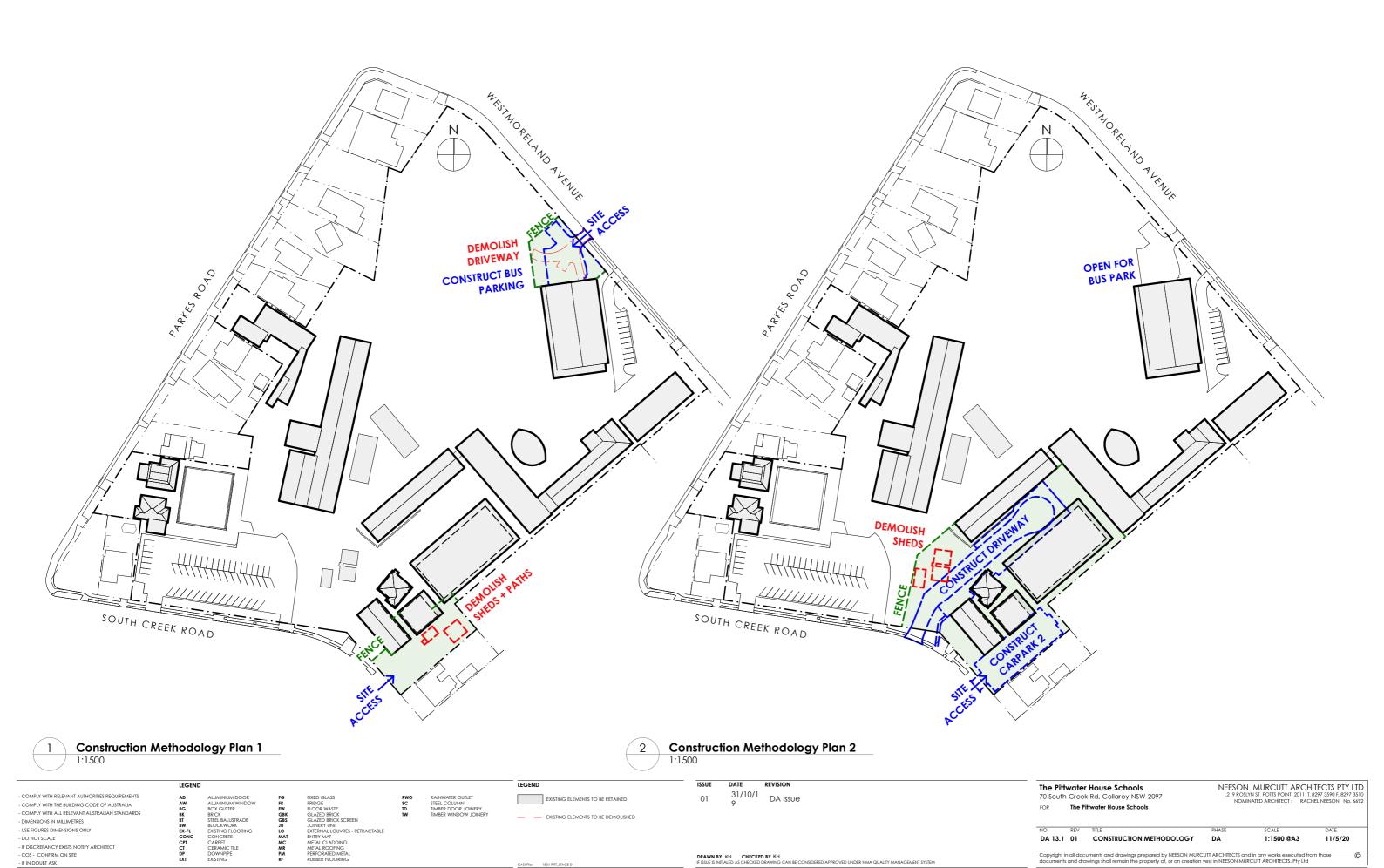
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SCHEDULE OF COLOURS AND

MATERIALS

PHASE



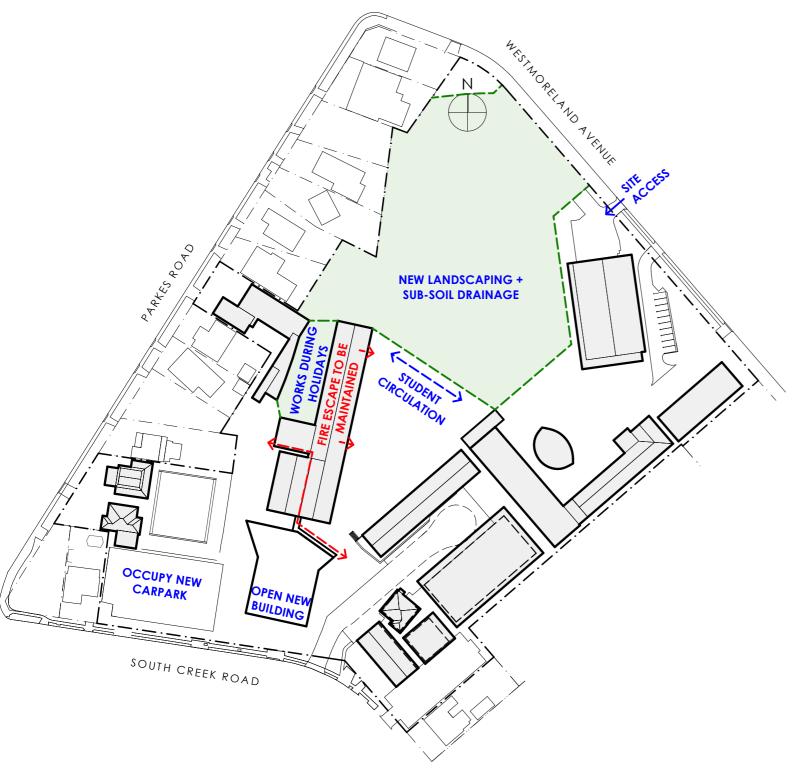
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- IF IN DOUBT ASK

SCHOOL HOLIDAY WORKS



NEESON MURCUTT ARCHITECTS PTY LTD L2 9 ROSLYN ST POTTS POINT 2011 T. 8297 3590 F. 8297 3510 NOMINATED ARCHITECT: RACHEL NEESON No. 6692 The Pittwater House Schools 31/10/1 DA Issue FIXED GLASS
FRIDGE
FLOOR WASTE
GLAZED BRICK
GLAZED BRICK
GLAZED BRICK
SCHAZED SRICK SCREEN
JOINERY UNIT
EXTERNAL LOUVES - RETRACTABLE
ENTRY MAT
METAL CLADDING
METAL ROOFING
PERFORATED METAL
RUBBER FLOORING 70 South Creek Rd, Collaroy NSW 2097 - COMPLY WITH RELEVANT AUTHORITIES REQUIREMENTS RAINWATER OUTLET STEEL COLUMN TIMBER DOOR JOINERY TIMBER WINDOW JOINERY ALUMINIUM DOOR
ALUMINIUM WINDOW
BOX GUTTER
BRICK
STEEL BALUSTRADE
BLOCKWORK
EXISTING FLOORING
CONCRETE
CARPET
CERAMIC TILE
DOWNIPE
EXISTING EXISTING ELEMENTS TO BE RETAINED - COMPLY WITH THE BUILDING CODE OF AUSTRALIA The Pittwater House Schools - COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS - DIMENSIONS IN MILLIMETRES EXISTING ELEMENTS TO BE DEMOLISHED - USE FIGURES DIMENSIONS ONLY - DO NOT SCALE DA 13.2 01 CONSTRUCTION METHODOLOGY DA 1:1500 @A3 11/5/20 - IF DISCREPANCY EXISTS NOTIFY ARCHITECT - COS - CONFIRM ON SITE DRAWN BY KH CHECKED BY KH - IF IN DOUBT ASK



Construction Methodology Plan 5 1:1500

DATE NEESON MURCUIT ARCHITECTS PTY LTD L2 9 ROSLYN ST POTTS POINT 2011 T. 8297 3590 F. 8297 3510 NOMINATED ARCHITECT: RACHEL NEESON No. 6692 The Pittwater House Schools 31/10/1 DA Issue FIXED GLASS
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Pittwater House SCHOOLS

Development Application

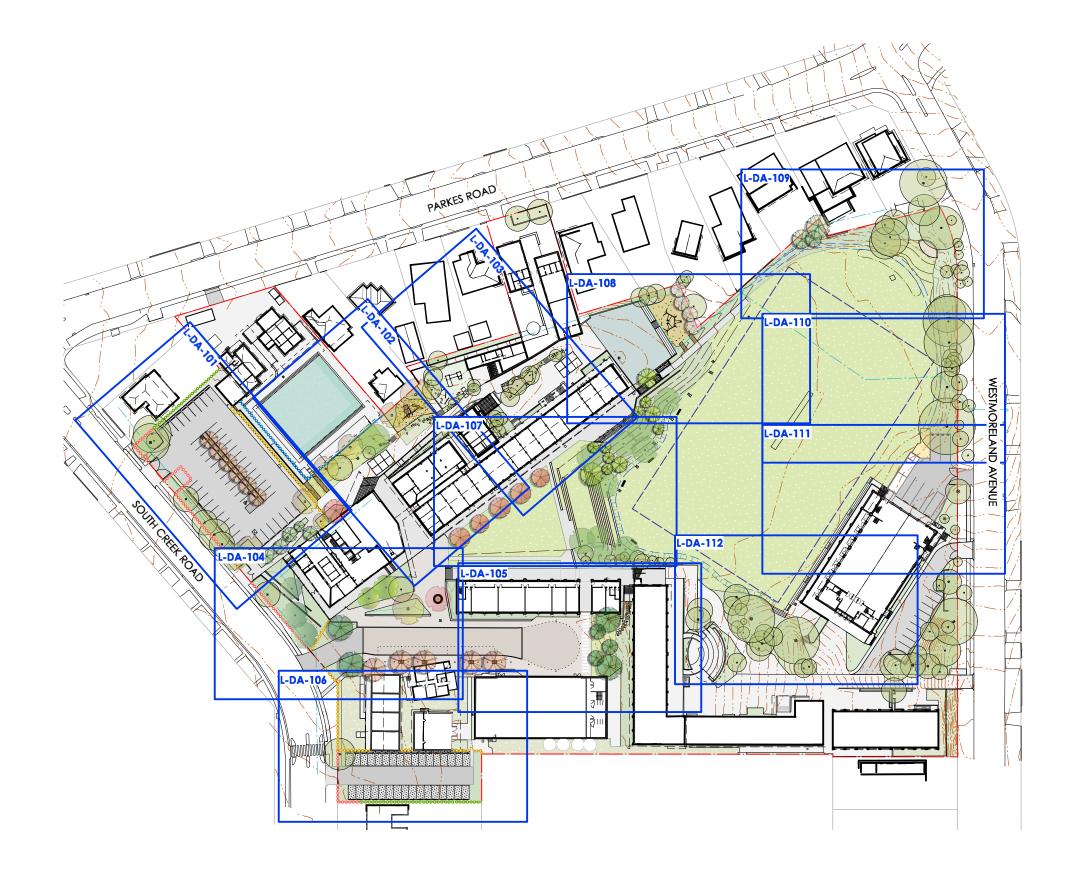
LANDSCAPE

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
L-DA-012	PRECEDENT 02
L-DA-013	
L-DA-101	LANDSCAPE DETAIL PLAN 01
L-DA-102	LANDSCAPE DETAIL PLAN 02
L-DA-103	
L-DA-104	
L-DA-105	LANDSCAPE DETAIL PLAN 05
L-DA-106	LANDSCAPE DETAIL PLAN 06 3
L-DA-107	LANDSCAPE DETAIL PLAN 07
L-DA-108	LANDSCAPE DETAIL PLAN 08
L-DA-109	
L-DA-110	
L-DA-111	
L-DA-112	
L-DA-500	
L-DA-501	
L-DA-502	
L-DA-503	
L-DA-504	
L-DA-505	
L-DA-506	LANDSCAPE SECTIONS 06
L-DA-507	LANDSCAPE SECTIONS 07



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/ 2010
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info@iii pat au

Neeson Murcutt Architects PTY

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

rafted By: AH Drafting Checke

FERENCE	CODE	DESCRIPTION		REFERENCE	CODE	DESCRIPTION		REFERENCE	CODE	DESCRIPTION	
NERAL				GENERAL				PAVING/SURF	ACE FINISHES		
		SITE BOUNDARY				SUBSTATION Refer Eletrical Engines	er's drawings		P6	PAVING TYPE 6 - GRAVEL Recycled crushed sandstone	
	— · 18.5 · · —	EXISTING CONTOUR				NEW FIRE HYDRANT BC L:3500 x W:500mm, Re	DOSTER fer Hydraulic Engineer's drawing		P7	PAVING TYPE 7 - MIXED USE COUR Synthetic surface with mutiple line	
	— 17.5 0 —	PROPOSED CONTOUR				NEW DUAL HEAD FIRE 700x700mm, Refer Hyd	HYDRANT draulic Engineer's drawing		P8	PAVING TYPE 8 - SYNTHETIC GRASS "Astroturf" or similiar, natural greer	
	+ RL 14.40	EXISTING SPOT LEVEL		WALLS, FENCE	ES AND EDGES				P9	PAVING TYPE 9 - MULCH (PLAYGR Cedar mulch to depths required	OUND) for full zones
	+ 14.40	PROPOSED SPOT LEVE	L			WALL TYPE 1 - CONCR Precast concrete plai	ETE TERRACE/SEATING WALLS n colour	OTHER			
	⊕TR 15.5¢	EXISTING TREES RETAIN (Refer arborist report)	ED			WALL TYPE 2 - SANDSTO	ONE RETAINING WALL scape logs", quality grade 1		(TD)	HARDWOOD TIMBER DECKING bridges	
	(B	EXISTING TREES TO BE F	REMOVED			FENCE TYPE 1 - METAL 1200mm high metal p	PALISADE FENCE alisade pool fence to A.S 1926.1-2012		ТВ	TIMBER BENCH SEAT	
		(Refer arborist report) DEMOLISH SURFACE				FENCE TYPE 2 - GALVA 1800mm high galvani:			WS	WHEEL STOPS	
	ij	OVAL BOUNDARY					NISED PALISADE FENCE sed palisade school fence		BO	BOLLARD	
		EXISTING POOL FENCE				FENCE TYPE 4 - PALINC 1800mm high noise be	FENCE arrier to comply with acoustic req.		NP	NATURE PLAY ITEMS	
		SWALE			SE	EDGE TYPE 1 - STEEL					
				CADDADY/CIID	RFACE FINISHES						
		BERM AROUND OVAL 500-800mm above ex refer Hydraulic Engine	isting ground level,	- CARPARK/30K		CARPARK SURFACE - E	BITUMEN				
		EXISTING PAVED SURFA to be retained									
		EXISTING BITUMEN SUR to be retained	FACE	PAVING/SURF		PAVING TYPE 1 - INSITU	CONCRETE				
		EXISTING GRAVEL SURF to be retained	FACE		PI	Broom finish, plain col					
		EXISTING DECKING to be retained				Broom finish, plain col					
		EXISTING PLANTED ARE to be retained	Ē A			Grasscrete with grave PAVING TYPE 4 - CONG	l infill				
	$a_{i_{1}} = a_{i_{1}} + a_{i_{1}} + a_{i_{1}}$ $a_{i_{1}} = a_{i_{1}} + a_{i_{1}} + a_{i_{1}}$	EXISTING DRY CREEK to be retained			P4	Pebblecrete PPX540:3					
		EXISTING NATURE SURF to be retained	ACE			Pebblecrete PPX540:3					
											NOT FOR CONSTRUC
			Dimension in millimetres . Confirm all dimensions and levels on site prior to commencing work	LANDSCAPE ARCHITI	TECT		CILIENT	PROJECT TITLE	allares O. I	ala Christa 3	DRAWING TITLE
		-1	Joe figured dimensions only. To not scale. Comply with relevant authorities requirements, the Building Code o	ione inwin	landscape architectur	e	Neeson Murcutt Architects PTY LTD	Pittwater	r House Schoo	ois - Stage I	Legend and Schedule

A

Description

24/10/19 AH Date By

Date

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Issue A

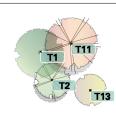
Drawing No L-DA-001

LEGEND

REFERENCE

CODE DESCRIPTION

PLANTING



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

GD5

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+	X
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+	X
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	^
T8	Magnolia grandiflora	Bull Bay Magnolia	25	
T10	Melaleuca ericifolia	Swamp Paperbark	8	
T11		Tupelo	11	Х
T12	Nyssa sylvatica Sapium sebiferum	Chinese Tallowood	8	
T13	· ·	Water Gum	12	
GD1	Tristaniopsis laurina	vvaler Gum	12	Х
ועט	Screening - tall shrubs and small trees	Consider a Martin	F 0	
	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	X
	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	X
	Goodenia heterophylla	Variable Leaved Goodenia	0.4	×
	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	X
	Lomandra confertifolia 'Wingarra'	Mat Rush	0.3	
	Xanthorrhoea arborea	Broad Leaf Grass Tree	2	Х
GD5	Swale/dry creek bed	2.000 200. 0.000 1100		~
300	Ficinia nodosa	Knobby Club Rush	0.5-0.6	X
	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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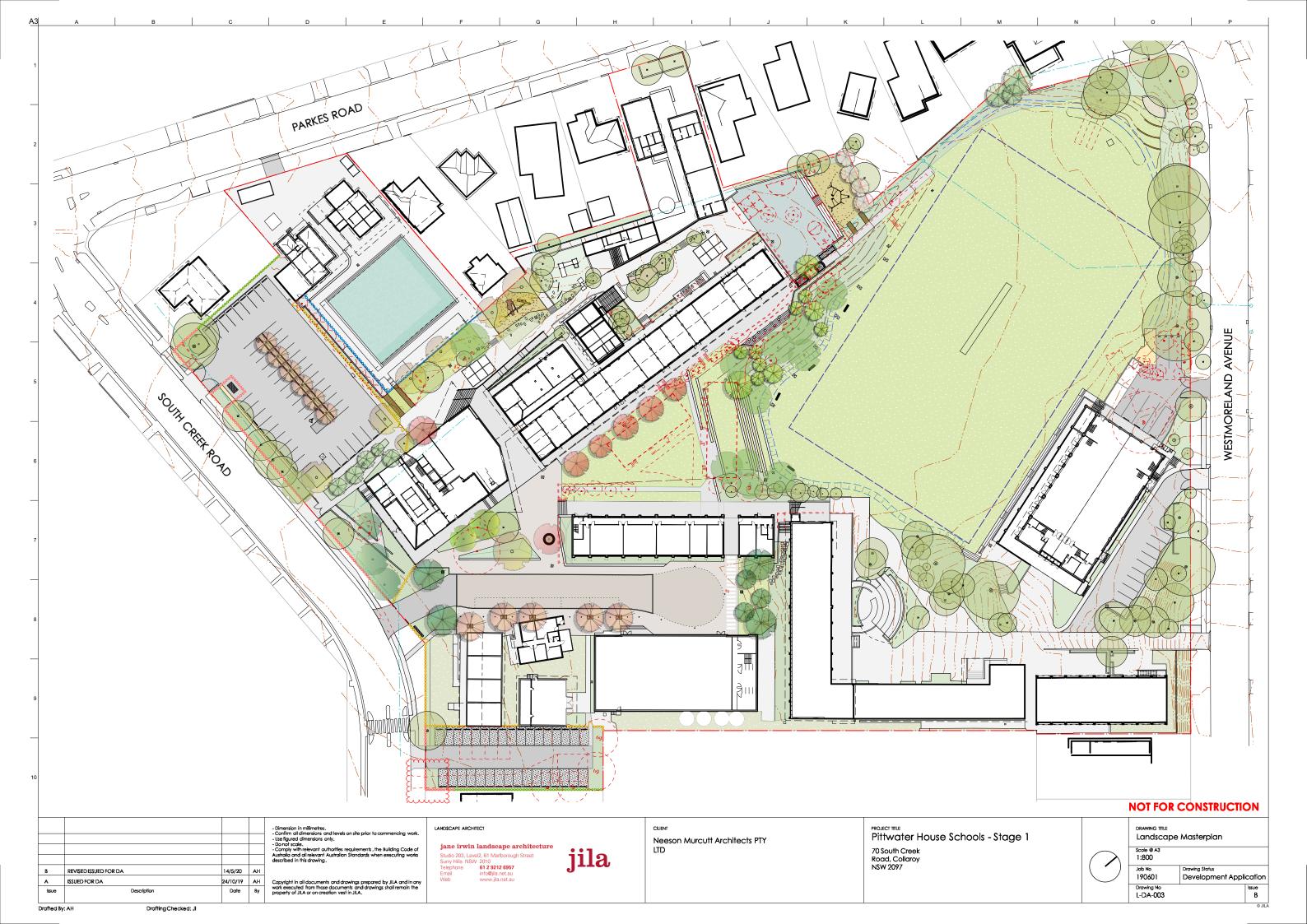
 ${\bf jane\ irwin\ landscape\ architecture}$

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Neeson Murcutt Architects PTY

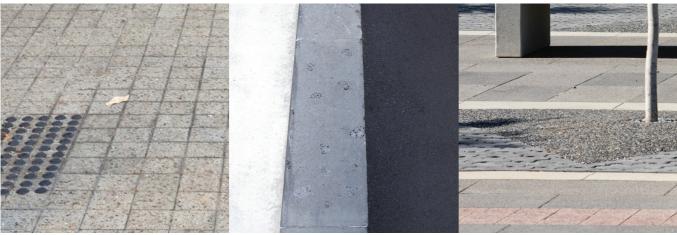
PROJECT TITLE
Pittwater House Schools - Stage 1 70 South Creek Road, Collaroy NSW 2097

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 TITLE
Pittwater House Schools - Stage 1

70 South Creek Road, Collaroy NSW 2097

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	DRAWING TITLE			
	Precedent 01			
	Scale @ A3 N/A			
	Job No	Drawing Status		
	190601	Development Appli	cation	
	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

A ISSUED FOR DA 30/09/19 AH Issue Description Date By

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PROJECT TILLE
Pittwater House Schools - Stage 1

70 South Creek Road, Collaroy NSW 2097

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	DRAWING TITLE Precedent (02	
	Scale @ A3 N/A		
	Job No 190601	Drawing Status Development Appli	ication
	Drawing No L-DA-012		Issue A
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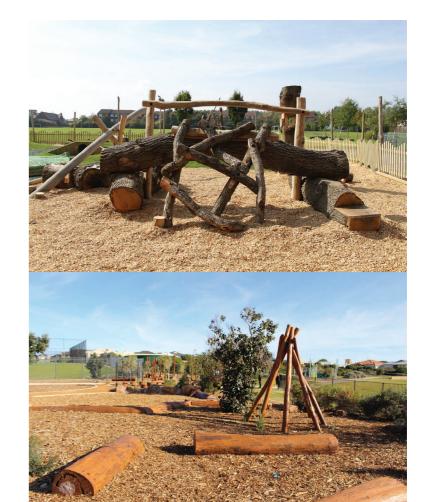
Mixed use court allowing for multiple different uses

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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Neeson Murcutt Architects PTY

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70 South Creek Road, Collaroy NSW 2097

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	Precedent ()3	
	Scale @ A3		
	N/A		
	Job No	Drawing Status	
	190601	Development Appli	cation
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	L-DA-013		A

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