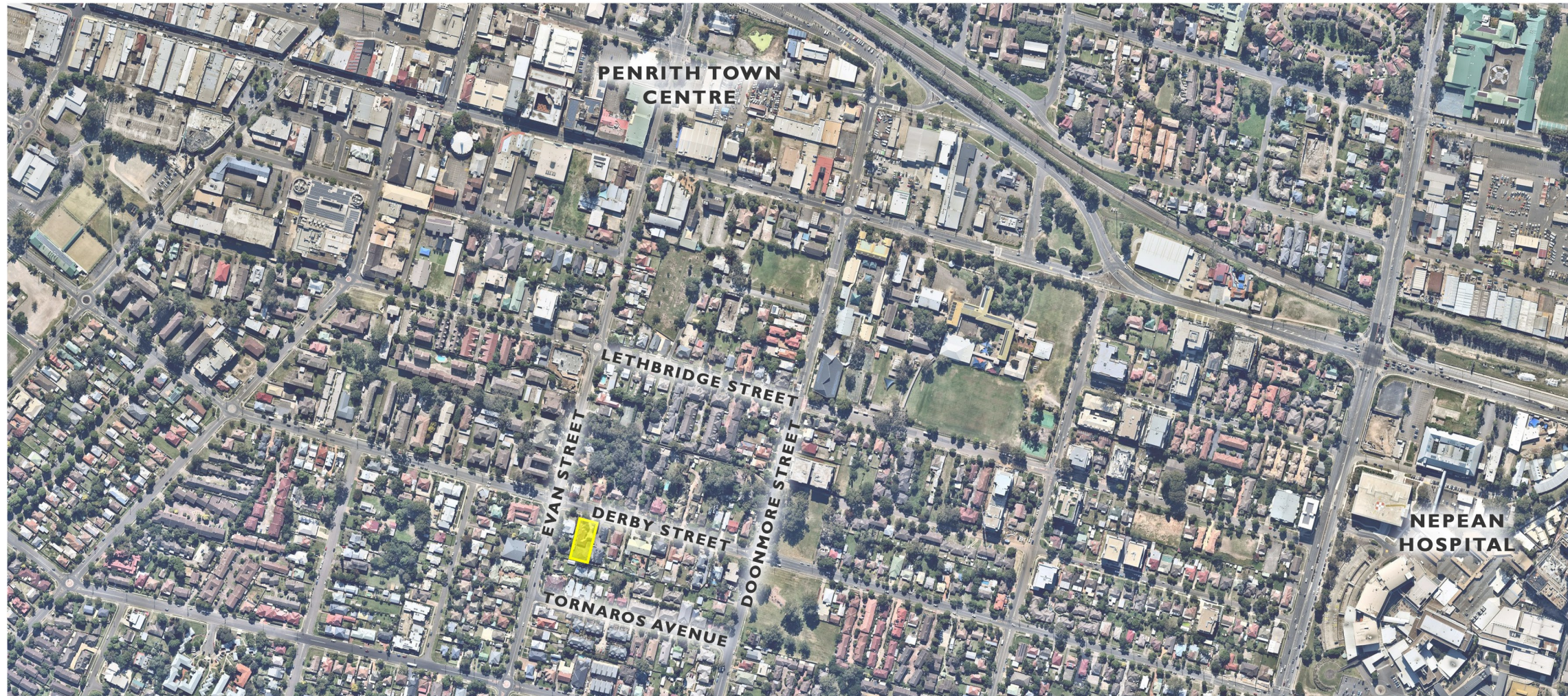


a 303 / 77 Dunning Ave
Rosebery NSW 2018
t 02 8310 2095
e cullenfeng@cullenfeng.com.au
w www.cullenfeng.com.au

**PROPOSED CHILDCARE CENTRE
170 DERBY STREET, PENRITH
FOR MONTESSORI ACADEMY**



AMENDED DEVELOPMENT APPLICATION

26 APRIL 2021

DRAWING LIST

DA01A	SURVEY PLAN	DA08A	PROPOSED FIRST FLOOR PLAN
DA02	CONTEXT PHOTOS	DA09A	PROPOSED ROOF PLAN
DA03A	SITE ANALYSIS PLAN	DA10A	LONG & CROSS SECTION
DA04	(NOT USED)	DA11A	EAST & NORTH ELEVATIONS, AND EXTERNAL COLOUR SCHEDULE
DA05A	PROPOSED STREET PERSPECTIVE	DA12A	WEST & SOUTH ELEVATIONS, AND EXTERNAL COLOUR SCHEDULE
DA06A	PROPOSED BASEMENT PLAN	DA13A	AREA CALCULATIONS
DA07A	PROPOSED GROUND FLOOR PLAN	DA14	SHADOW DIAGRAMS

NOTES

NO BOUNDARY SURVEY HAS BEEN UNDERTAKEN. BEARINGS, DIMENSIONS AND AREAS ARE FROM TITLE ONLY AND ARE SUBJECT TO CONFIRMATION BY BOUNDARY SURVEY.

DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DETAIL FROM THE DRAWING. SURVEYOR MUST BE CONTACTED IF THERE ARE ANY DISCREPANCIES.

SERVICES SHOWN ARE INDICATIVE ONLY. POSITIONS ARE BASED ON SURFACE INDICATORS LOCATED DURING FIELD SURVEY. CONFIRMATION OF THE EXACT POSITION SHOULD BE MADE PRIOR TO ANY EXCAVATION WORK. OTHER SERVICES MAY EXIST WHICH ARE NOT SHOWN.

LEVELS ARE BASED ON AUSTRALIAN HEIGHT DATUM (A.H.D.) USING SSM 10972 39.801(AHD) RIDGE & GUTTER HEIGHTS HAVE BEEN OBTAINED BY INDIRECT METHOD AND ARE ACCURATE TO ±0.05m

ADJOINING DWELLINGS AND BUILDINGS HAVE BEEN PLOTTED FOR DIAGRAMMATIC PURPOSES ONLY. ADJOINING WINDOWS HAVE NOT BEEN SURVEYED.

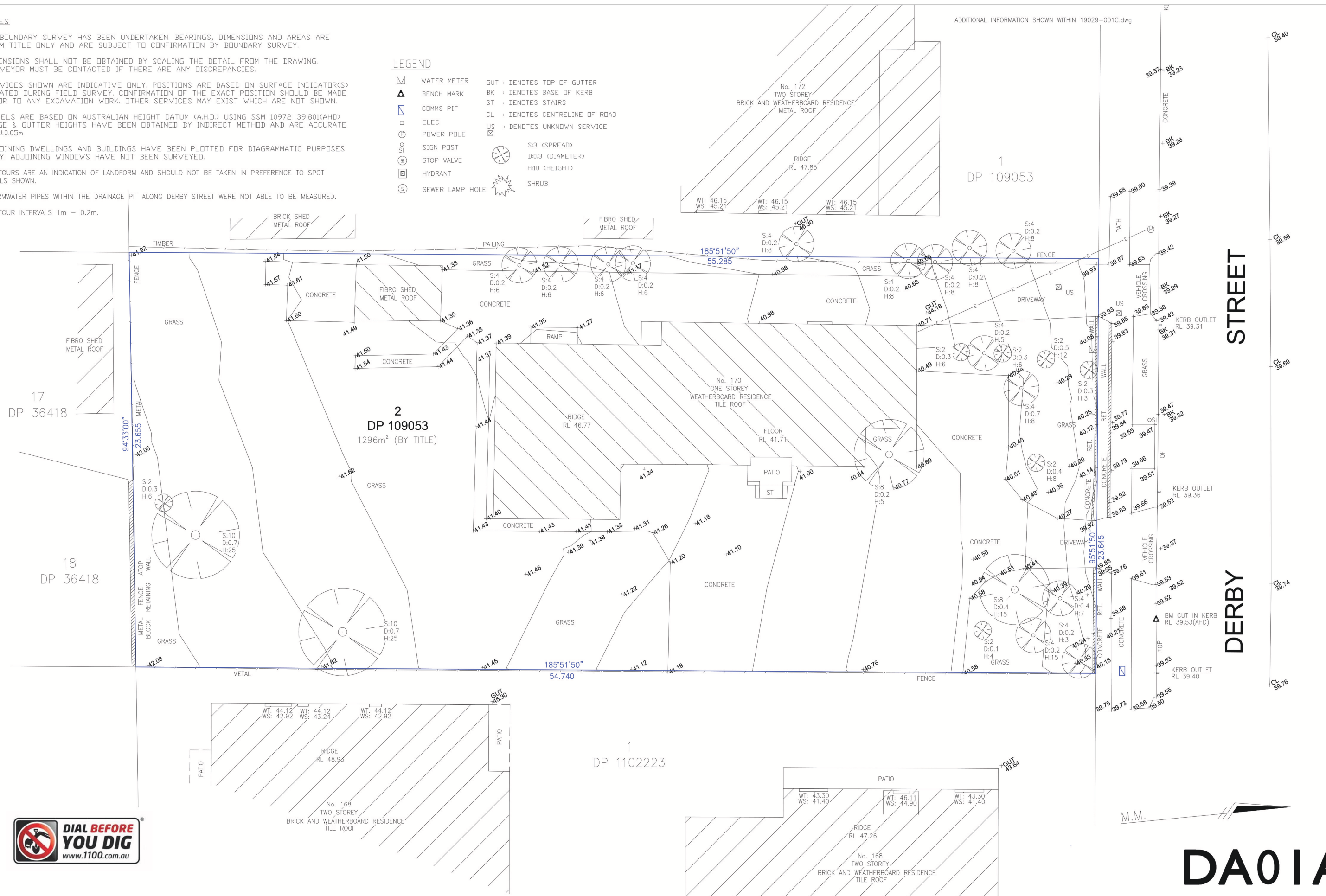
CONTOURS ARE AN INDICATION OF LANDFORM AND SHOULD NOT BE TAKEN IN PREFERENCE TO SPOT LEVELS SHOWN.

STORMWATER PIPES WITHIN THE DRAINAGE PIT ALONG DERBY STREET WERE NOT ABLE TO BE MEASURED.

CONTOUR INTERVALS 1m - 0.2m.

LEGEND

- WATER METER
- BENCH MARK
- COMMS PIT
- ELEC
- POWER POLE
- SIGN POST
- STOP VALVE
- HYDRANT
- SEWER LAMP HOLE
- GUT : DENOTES TOP OF GUTTER
- BK : DENOTES BASE OF KERB
- ST : DENOTES STAIRS
- CL : DENOTES CENTRELINE OF ROAD
- US : DENOTES UNKNOWN SERVICE
- S:3 (SPREAD)
- D:0.3 (DIAMETER)
- H:10 (HEIGHT)
- SHRUB



DA01A



Timothy A. J. Michael
Timothy A. J. Michael
 Registered Surveyor
 N° 9114

**PLAN SHOWING LEVELS AND DETAIL
 OVER LOT 2 IN DP 109053**

CLIENT: MONTESSORI ACADEMY
 THIS PLAN IS FOR THE PURPOSE OF: DETAIL
 ADDRESS: 170 DERBY STREET, PENRITH

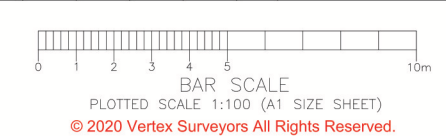
JOB No.: 19029
 LGA: PENRITH
 PLAN No.: 19029_001C
 DATE: 14/03/2021
 DRAWN: M.W.
 CHK: M.W.

DATUM: AHD
 SCALE: 1:100@A1
 CONT. INTERVAL: 0.2m
 SHEET 1 OF 1

LEGEND:

TB - TOP OF BANK
 BB - BOTTOM OF BANK
 WT - TOP OF WINDOW
 WS - BOTTOM OF WINDOW
 DT - TOP OF DOOR
 DS - BOTTOM OF DOOR

GUT - TOP OF GUTTER
 INV - INVERT LEVEL
 ST - STAIRS
 P - PORCH
 WB - WEATHERBOARD
 REND'D - RENDERED



REVISION No.	REVISION DATE:	COMMENT:
C	14.03.2021	ADDITIONAL DETAIL OF PUBLIC DOMAIN



- PROJECT SITE
- HERITAGE ITEM (STATE SIGNIFICANCE)

163 DERBY STREET - STREET VIEW



1



2



3

170 DERBY STREET - STREET VIEW



4



5

170 DERBY STREET - TREES AT REAR



6



7

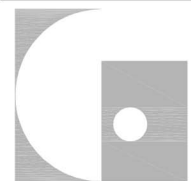


8



FOR DEVELOPMENT APPLICATION

ISSUE	DATE	FOR DA REVISION	EL BY	JC CHECK
DO	NOT	SCALE	FROM	DRAWINGS. VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK



CULLEN FENG ARCHITECTS

PROJECT 170 DERBY STREET, PENRITH

CLIENT MONTESSORI ACADEMY

DRAWING CONTEXT PHOTOGRAPHS

DATE NOV 2020 SCALE N.T.S. DRAWN EL

2023 DWG # **DA02** REV. -

RESIDENTIAL USE

TWO STOREY RESIDENTIAL USE

OUTLINE OF PROPOSED BUILDING FOOTPRINT

EXTG SCREEN PLANTING

EXISTING SINGLE STOREY RESIDENCE

EXISTING COMMERCIAL USE AS MEDICAL CONSULTING ROOMS

RESIDENTIAL USE

DP 109053
1296 SQM

LARGE ESTABLISHED TREES

2M FALL ACROSS SITE

< 54.7M >

PROPOSED CHILDCARE CENTRE PART ONE PART TWO STOREY + BASEMENT CARPARK

ACTUALLY 2x LARGE PALMS

TWO STOREY ADJOINING DUAL OCCUPANCY RESIDENTIAL HOUSES

TWO-LANE LOCAL ROAD WITH STREET PARKING BOTH SIDES

STREET TREE REMOVED BY COUNCIL AFTER ORIGINAL DA SUBMISSION

STREET

NORTHERN SUN EXPOSURE GOOD SUNLIGHT TO ENTRY & REAR GARDEN

2x EXTG VEHICLE ENTRIES

NOTE BUS STOP RELOCATED BY COUNCIL AFTER ORIGINAL DA SUBMISSION

DERBY

RESIDENTIAL USE





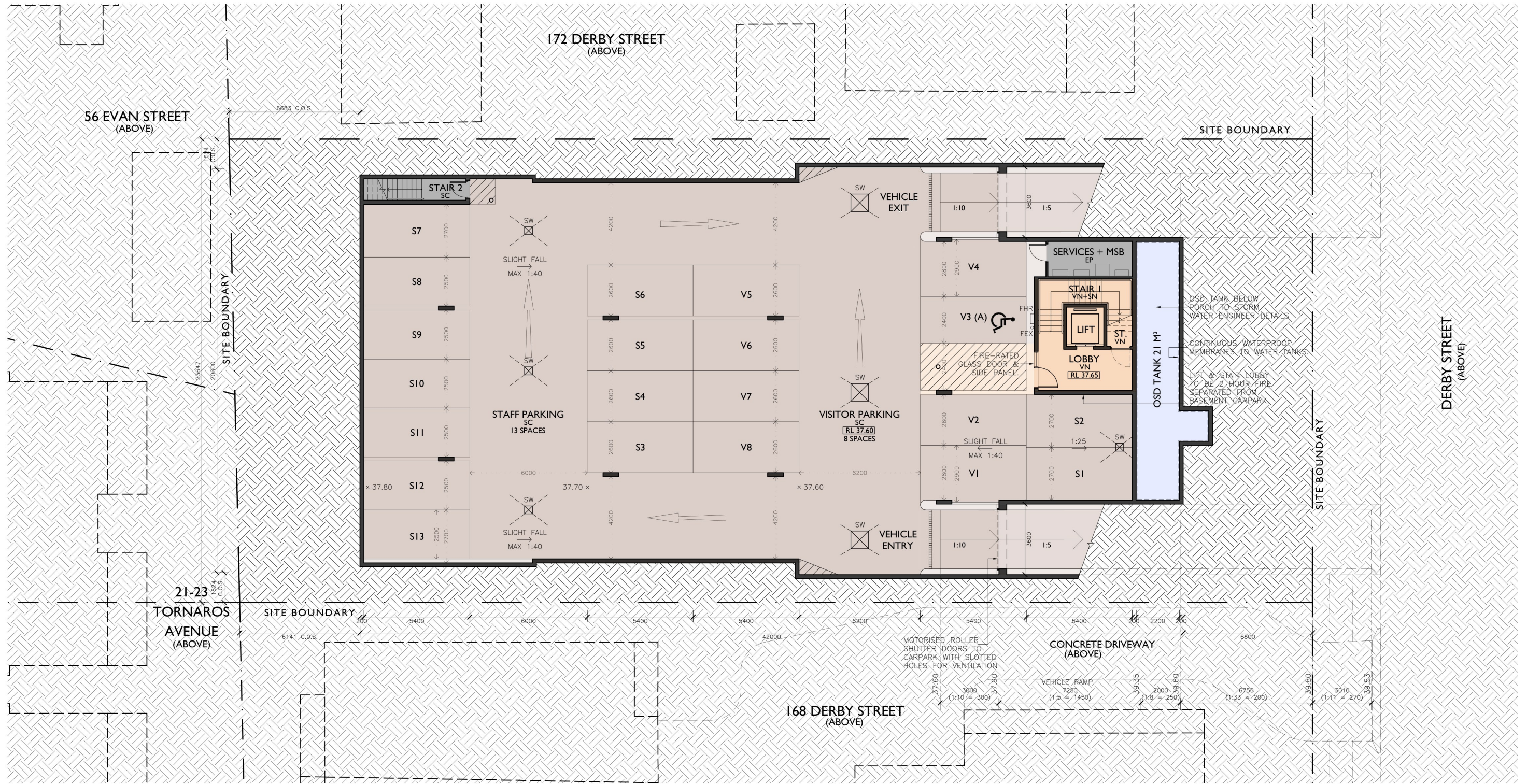
FOR DEVELOPMENT APPLICATION

ISSUE	DATE	REVISION	BY	CHECK
A	26/04/2021	AMENDED DA IN RESPONSE TO COUNCIL RFI	ST	JC
-	30/11/2020	FOR DA	EL	JC

DO NOT SCALE FROM DRAWINGS. VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK



PROJECT 170 DERBY STREET, PENRITH
 CLIENT MONTESSORI ACADEMY
 DRAWING PROPOSED STREET PERSPECTIVE
 DATE NOV 2020 SCALE N.T.S. DRAWN EL
 JOB # 2023 DWG # DA05 REV. A



1 BASEMENT FLOOR PLAN
1:200 @ A3

FINISHES LEGEND		COLOUR LEGEND	
REFER TO MATERIALS SCHEDULE FOR MORE INFORMATION			
WALL FINISH	FLOOR FINISH	CLASSROOMS / ANCILLARY	
CBD COLORBOND STEEL	CPV CONCRETE FOOTPATH/ PAVEMENT	OUTDOOR PLAY AREA	
EEG ENERGY EFFICIENT GLAZING	CT CERAMIC TILES	LOBBY / CIRCULATION	
FBK FACE BRICKWORK	CPT CARPET TILES	ADMN / BACK OF HOUSE	
FG FRAMELESS GLASS	EP EPOXY PAINTED CONCRETE	CARPARK	
PCA POWDERCOATED ALUMINIUM	GRV RIVERSTONE GRAVEL	PLANT / SERVICES / STORE	
PCS POWDERCOATED ALUMINIUM PERFORATED SCREEN PANELS	PGC PIGMENTED CONCRETE W/ EXPRESSED GROOVES		
PT PAINT FINISH	PV PORCELAIN PAVERS (NON-SLIP)		
PTF PAINTED TIMBER FENCE	PVS CONCRETE PAVER STEPPING STONES		
RP RENDER & PAINT	SC SEALED CONCRETE		
SSS (SATIN) STAINLESS STEEL	SFT SOFT-FALL SURFACE TO LN5P ARCH DTL		
TC NON-COMBUSTIBLE TIMBER-LOOK CLADDING	SN PROPRIETARY ALUM. NON-SLIP STAIR NOSING		
XP EXTERNAL PAINT FINISH	TDB TIMBER DECKING BOARDS		
XPS EXTERIOR GRADE PAINTED STEEL	TFB TIMBER FLOOR BOARDS		
ZN COLORBOND STEEL ZINC APPEARANCE	VN SHEET OR PLANK VINYL FLOORING		
	WFM WATERPROOF MEMBRANE		

FOR DEVELOPMENT APPLICATION

A	26/04/2021	AMENDED DA IN RESPONSE TO COUNCIL RFI	SY	JC
ISSUE	DATE	REVISION	BY	CHECK
DO	NOT	SCALE	FROM	DRAWINGS. VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK

CULLEN FENG
ARCHITECTS

PROJECT 170 DERBY STREET, PENRITH

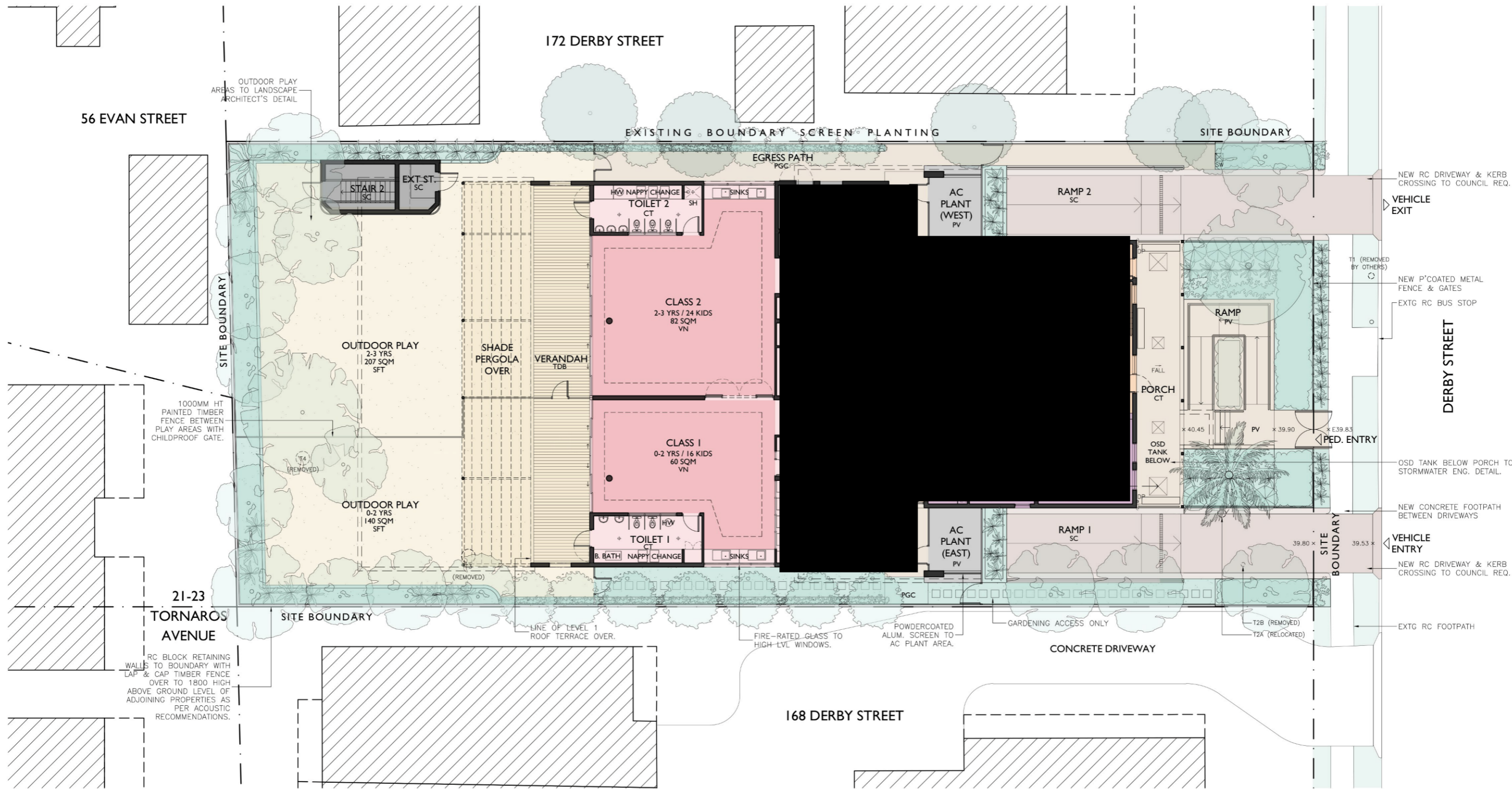
CLIENT MONTESSORI ACADEMY

DRAWING PROPOSED BASEMENT PLAN

DATE NOV 2020 **SCALE** 1:200 @ A3 **DRAWN** EL

JOB # 2023 **DWG #** DA06 **REV.** A

NOM ARCH: JON CULLEN NSW 6437 | 303 / 77 DUNNING AVENUE, ROSEBERY NSW 2018, AUSTRALIA | +612 8310 2095



1 GROUND FLOOR PLAN
1:200 @ A3

FINISHES LEGEND		COLOUR LEGEND	
REFER TO MATERIALS SCHEDULE FOR MORE INFORMATION			
WALL FINISH	FLOOR FINISH	CLASSROOMS / ANCILLARY	
CBD COLORBOND STEEL	CPV CONCRETE FOOTPATH/ PAVEMENT	OUTDOOR PLAY AREA	
EEG ENERGY EFFICIENT GLAZING	CT CERAMIC TILES	LOBBY / CIRCULATION	
FBK FACE BRICKWORK	CPT CARPET TILES	ADMIN / BACK OF HOUSE	
FG FRAMELESS GLASS	EP EPOXY PAINTED CONCRETE	CARPARK	
PCA POWDERCOATED ALUMINIUM	GRV RIVERSTONE GRAVEL	PLANT / SERVICES / STORE	
PCS POWDERCOATED ALUMINIUM PERFORATED SCREEN PANELS	PGC FIGMENTED CONCRETE W/ EXPRESSED GROOVES		
PT PAINT FINISH	PV PORCELAIN PAVERS (NON-SLIP)		
PTF PAINTED TIMBER FENCE	PVS CONCRETE PAVER STEPPING STONES		
RP RENDER & PAINT	SC SEALED CONCRETE		
SSS (SATIN) STAINLESS STEEL	SFT SOFT-FALL SURFACE TO LN5P ARCH DTL		
TC NON-COMBUSTIBLE	SN PROPRIETARY ALUM. NON-SLIP STAIR NOSING		
XP TIMBER-LOOK CLADDING	TDB TIMBER DECKING BOARDS		
XPS EXTERNAL PAINT FINISH	TFB TIMBER FLOOR BOARDS		
ZN COLORBOND STEEL ZINC APPEARANCE	VN SHEET OR PLANK VINYL FLOORING		
	WPM WATERPROOF MEMBRANE		

FOR DEVELOPMENT APPLICATION

A	26/04/2021	AMENDED DA IN RESPONSE TO COUNCIL RFI	SY	JC
ISSUE	DATE	REVISION	BY	CHECK
DO NOT SCALE FROM DRAWINGS. VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK				

CULLEN FENG ARCHITECTS

PROJECT 170 DERBY STREET, PENRITH

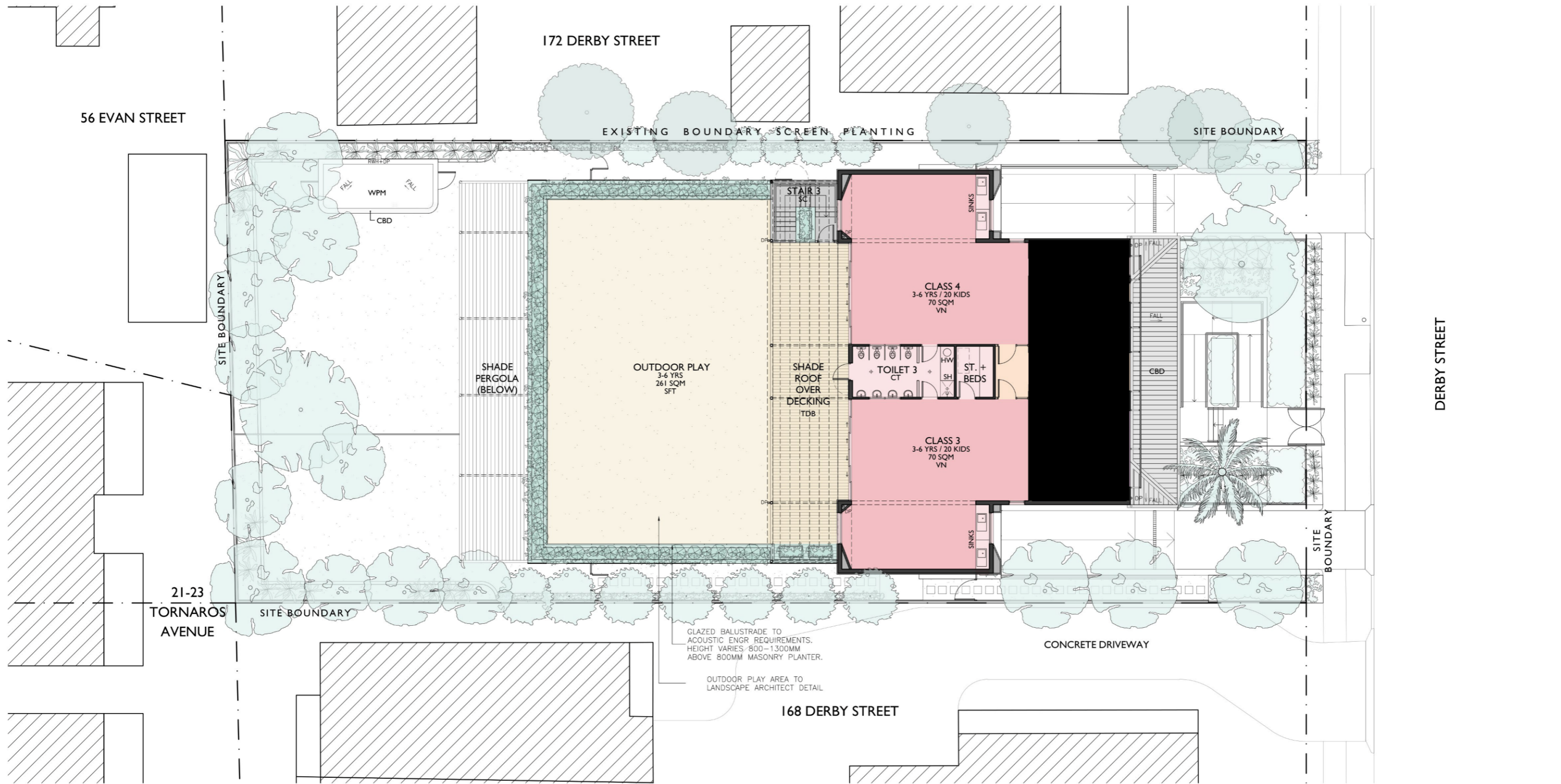
CLIENT MONTESSORI ACADEMY

DRAWING PROPOSED GROUND FLOOR PLAN

DATE NOV 2020 **SCALE** 1:200 @ A3 **DRAWN** EL

JOB # 2023 **DWG #** DA07 **REV** A

NOM ARCH: JON CULLEN NSW 6437 | 303 / 77 DUNNING AVENUE, ROSEBERY NSW 2018, AUSTRALIA | +612 8310 2095



1 FIRST FLOOR PLAN
1:200 @ A3

FINISHES LEGEND		COLOUR LEGEND	
REFER TO MATERIALS SCHEDULE FOR MORE INFORMATION			
WALL FINISH	FLOOR FINISH	CLASSROOMS / ANCILLARY	
CBD COLORBOND STEEL	CPV CONCRETE FOOTPATH/ PAVEMENT	OUTDOOR PLAY AREA	
EEG ENERGY EFFICIENT GLAZING	CT CERAMIC TILES	LOBBY / CIRCULATION	
FBK FACE BRICKWORK	CPT CARPET TILES	ADMIN / BACK OF HOUSE	
FG FRAMELESS GLASS	EP EPOXY PAINTED CONCRETE	CARPARK	
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PT PAINT FINISH	PV PORCELAIN PAVERS (NON-SLIP)		
PTF PAINTED TIMBER FENCE	PVS CONCRETE PAVER STEPPING STONES		
RP RENDER & PAINT	SC SEALED CONCRETE		
SSS (SATIN) STAINLESS STEEL	SFT SOFT-FALL SURFACE TO LN5P ARCH DTL		
TC NON-COMBUSTIBLE	SN PROPRIETARY ALUM. NON-SLIP STAIR NOSING		
XP EXTERNAL PAINT FINISH	TDB TIMBER DECKING BOARDS		
XPS EXTERIOR GRADE PAINTED STEEL	TFB TIMBER FLOOR BOARDS		
ZN COLORBOND STEEL ZINC APPEARANCE	VN SHEET OR PLANK VINYL FLOORING		
	WPM WATERPROOF MEMBRANE		

FOR DEVELOPMENT APPLICATION

A	26/04/2021	AMENDED DA IN RESPONSE TO COUNCIL RFI	SY	JC
ISSUE	DATE	REVISION	BY	CHECK
DO	NOT	SCALE	FROM	DRAWINGS. VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK

CULLEN FENG
ARCHITECTS

PROJECT 170 DERBY STREET, PENRITH

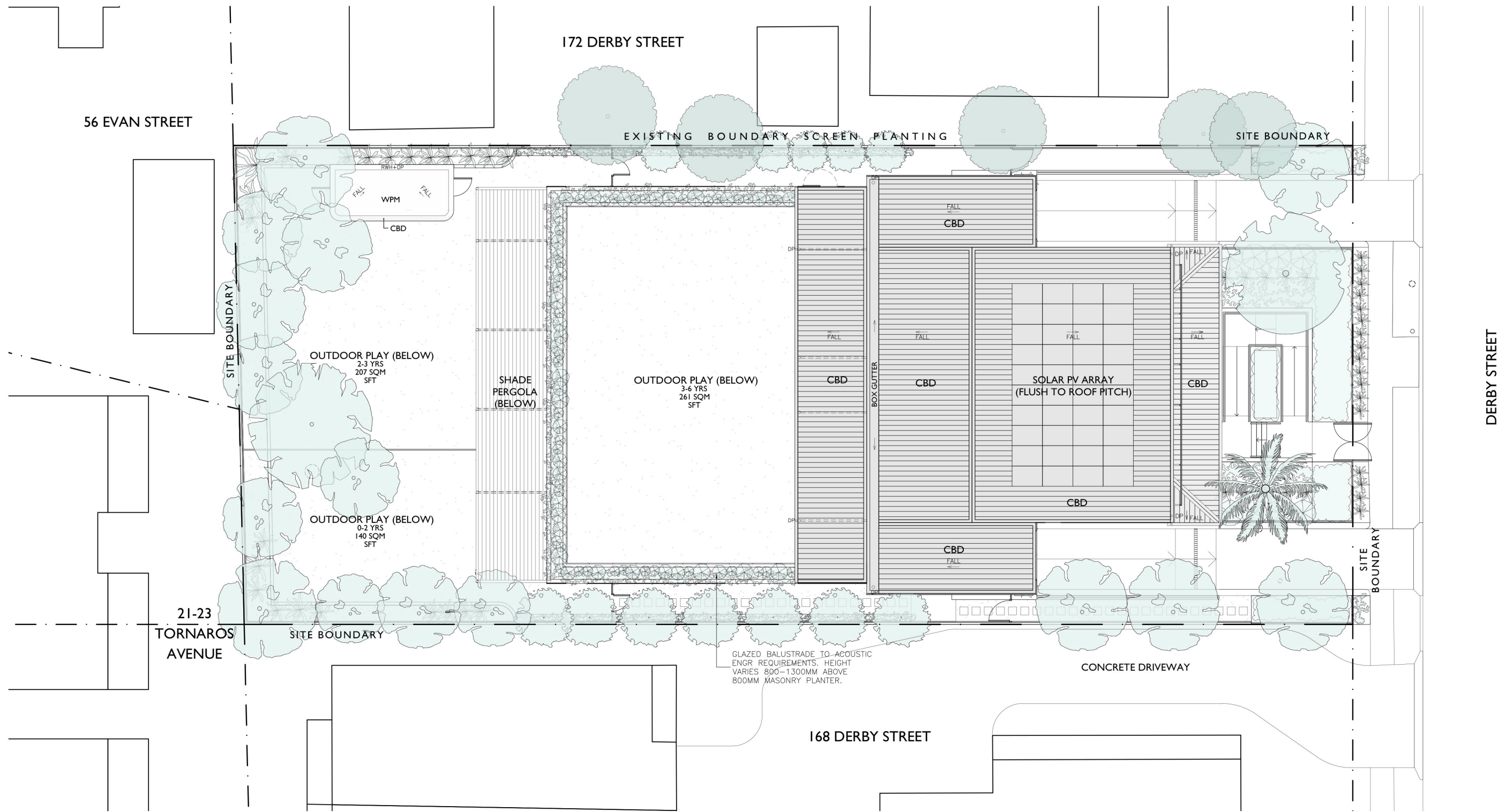
CLIENT MONTESSORI ACADEMY

DRAWING PROPOSED FIRST FLOOR PLAN

DATE NOV 2020 **SCALE** 1:200 @ A3 **DRAWN** EL

JOB # 2023 **DWG #** DA08 **REV.** A

NOM ARCH: JON CULLEN NSW 6437 | 303 / 77 DUNNING AVENUE, ROSEBERY NSW 2018, AUSTRALIA | +612 8310 2095



1 ROOF PLAN
1:200 @ A3

FINISHES LEGEND		COLOUR LEGEND	
REFER TO MATERIALS SCHEDULE FOR MORE INFORMATION			
WALL FINISH	FLOOR FINISH	CLASSROOMS / ANCILLARY	
CBD COLORBOND STEEL	CPV CONCRETE FOOTPATH/ PAVEMENT	OUTDOOR PLAY AREA	
EEG ENERGY EFFICIENT GLAZING	CT CERAMIC TILES	LOBBY / CIRCULATION	
FBK FACE BRICKWORK	CPT CARPET TILES	ADMN / BACK OF HOUSE	
FG FRAMELESS GLASS	EP EPOXY PAINTED CONCRETE	CARPARK	
PCA POWDERCOATED ALUMINIUM	GRV RIVERSTONE GRAVEL	PLANT / SERVICES / STORE	
PCC POWDERCOATED ALUMINIUM PERFORATED SCREEN PANELS	PGC PIGMENTED CONCRETE W/ EXPRESSED GROOVES		
PT PAINT FINISH	PV PORCELAIN PAVERS (NON-SLIP)		
PTF PAINTED TIMBER FENCE	PVS CONCRETE PAVER STEPPING STONES		
RP RENDER & PAINT	SC SEALED CONCRETE		
SSS (SATIN) STAINLESS STEEL	SFT SOFT-FALL SURFACE TO LN5P ARCH DTL		
TC NON-COMBUSTIBLE	SN PROPRIETARY ALUM. NON-SLIP STAIR NOSING		
XP TIMBER-LOOK CLADDING	TDB TIMBER DECKING BOARDS		
XPS EXTERNAL PAINT FINISH	TFB TIMBER FLOOR BOARDS		
ZN COLORBOND STEEL ZINC APPEARANCE	VN SHEET OR PLANK VINYL FLOORING		
	WPM WATERPROOF MEMBRANE		

FOR DEVELOPMENT APPLICATION

A	26/04/2021	AMENDED DA IN RESPONSE TO COUNCIL RFI	SY	JC
ISSUE	DATE	REVISION	BY	CHECK
DO	NOT	SCALE	FROM	DRAWINGS. VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK

CULLEN FENG
ARCHITECTS

PROJECT 170 DERBY STREET, PENRITH

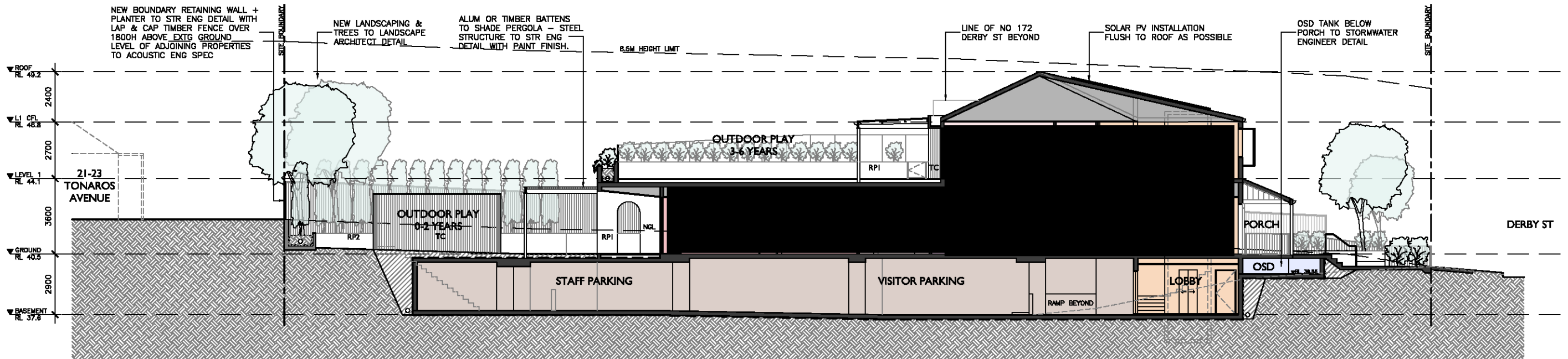
CLIENT MONTESSORI ACADEMY

DRAWING PROPOSED ROOF PLAN

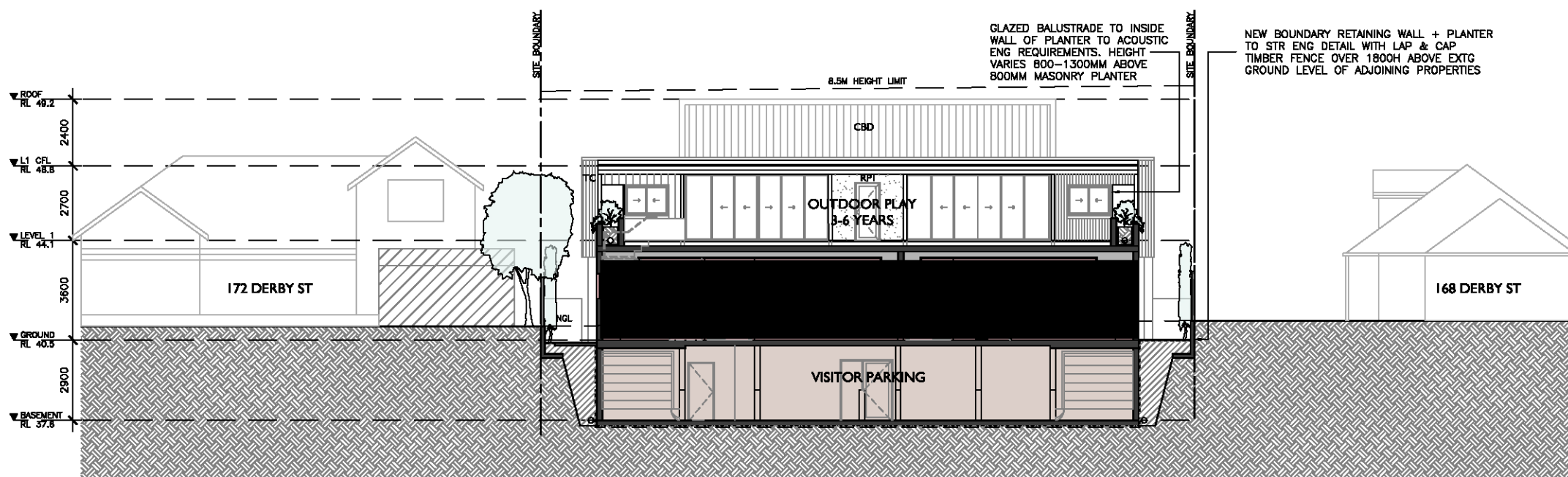
DATE NOV 2020 **SCALE** 1:200 @ A3 **DRAWN** EL

JOB # 2023 **DWG #** DA09 **REV.** A

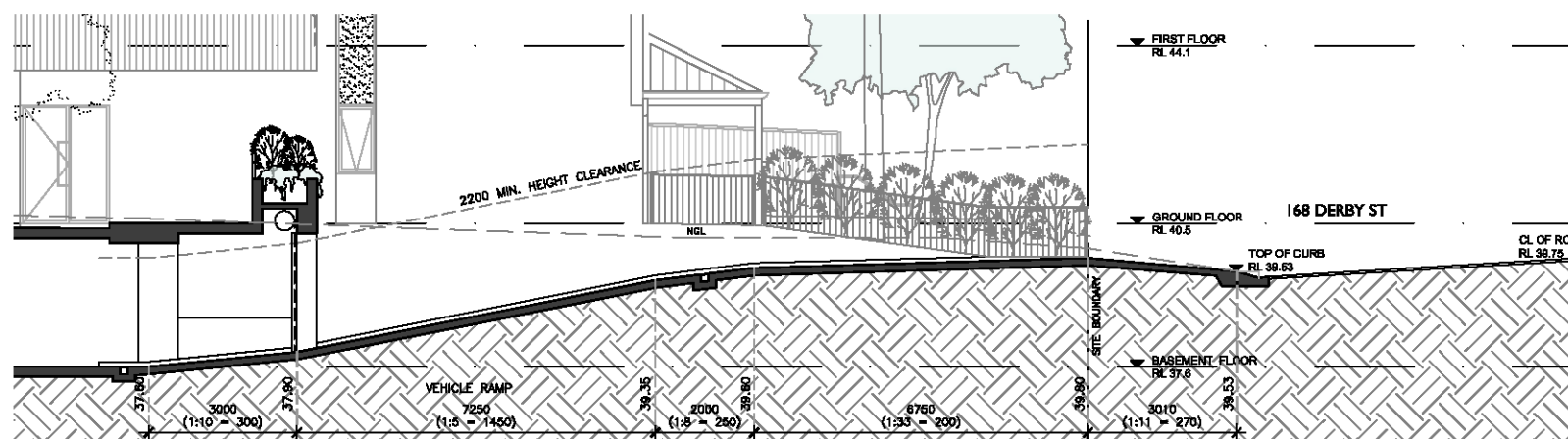
NOMARCH: JON CULLEN NSW 6437 | 303 / 77 DUNNING AVENUE, ROSEBERY NSW 2018, AUSTRALIA | +612 8310 2095



1 LONG SECTION
1:200 @ A3



2 CROSS SECTION
1:200 @ A3



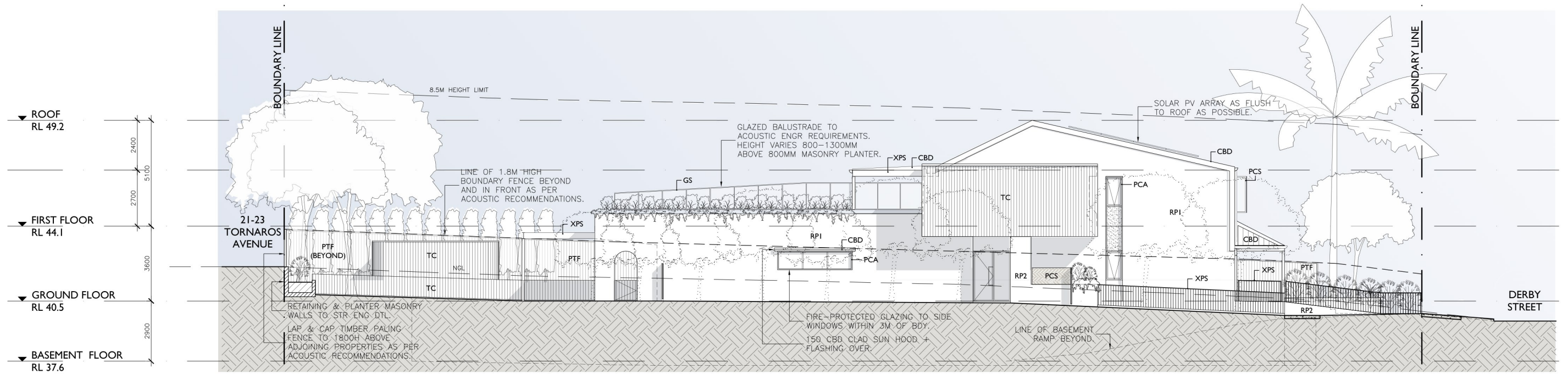
3 VEHICLE ENTRY RAMP SECTION (EXIT RAMP SECTION SIMILAR)
1:150 @ A3

FINISHES LEGEND REFER TO MATERIALS SCHEDULE FOR MORE INFORMATION		COLOUR LEGEND
WALL FINISH	FLOOR FINISH	CLASSROOMS / ANCILLARY
CBG COLORBOND STEEL	CPV CONCRETE FOOTPATH/ PAVEMENT	OUTDOOR PLAY AREA
EEG ENERGY EFFICIENT GLAZING	CT CERAMIC TILES	LOBBY / CIRCULATION
FBK FACE BRICKWORK	CTT CARPET TILES	ADMIN / BACK OF HOUSE
FG FRAMELESS GLASS	EP EPOXY PAINTED CONCRETE	CARPARK
PCA POWDERCOATED ALUMINIUM	GRV RIVERSTONE GRAVEL	PLANT / SERVICES / STORE
PCS POWDERCOATED ALUMINIUM PERFORATED SCREEN PANELS	PCC FEMENTED CONCRETE W/ EXPRESSED GROOVES	
PT PAINT FINISH	PV PORCELAIN PAVERS (NON-SLP)	
PTF PAINTED TIMBER FENCE	PUS CONCRETE PAVES STEPPING STONES	
RP RENDER & PAINT	SC SEALED CONCRETE	
SSS (SATH) STAINLESS STEEL	SFT SOFT-FALL SURFACE TO LINSIP ARCH DTL	
TC NON-COMBUSTIBLE TIMBER-LOOK CLADDING	SN PROPRIETARY ALUM. NON-SLP STAR NOSING	
XP EXTERNAL PAINT FINISH	TDB TIMBER DECKING BOARDS	
XPS EXTERIOR GRADE PAINTED STEEL	TFB TIMBER FLOOR BOARDS	
ZN COLORBOND STEEL, ZINC APPEARANCE	VN SHEET OR PLANK VINYL FLOORING	
	WPM WATERPROOF MEMBRANE	

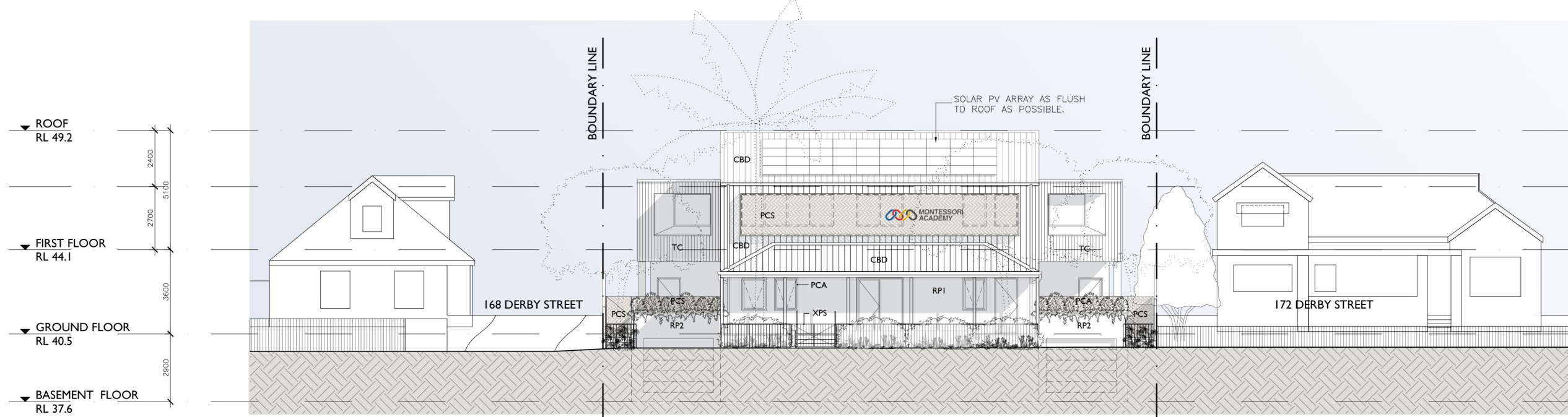
FOR DEVELOPMENT APPLICATION

A 26/07/2021 AMENDED DA IN RESPONSE TO COUNCIL RFI SY JC
 ISSUE DATE REVISION FOR DA SY JC
DO NOT SCALE FROM DRAWING. VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK.

PROJECT 170 DERBY STREET, PENRITH
CLIENT MONTESSORI ACADEMY
DRAWING LONG & CROSS SECTIONS
DATE NOV 2020 **SCALE** 1:200 @ A3 **DRAWN** SY
2023 **DA10** **REV. A**
 NOM ARCH: JON CULLEN NSW 6437 | 303 / 77 DUNNING AVENUE, ROSBERY NSW 2018, AUSTRALIA | +612 8310 2095



1 EAST ELEVATION
1:200 @ A3



2 NORTH ELEVATION
1:200 @ A3

FINISHES LEGEND
REFER TO MATERIALS SCHEDULE FOR MORE INFORMATION

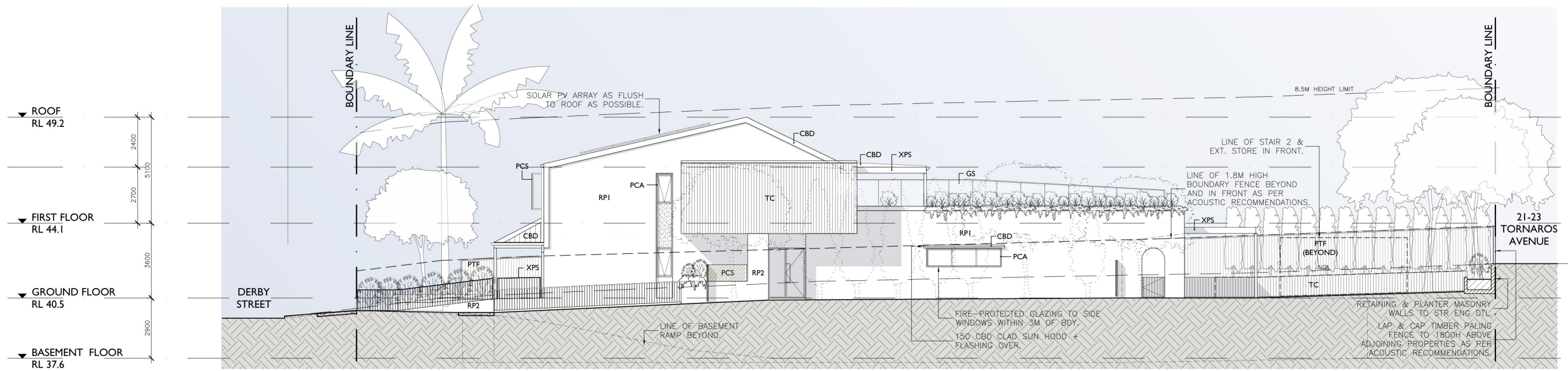
WALL FINISH	FLOOR FINISH
CBD COLORBOND STEEL	CPV CONCRETE FOOTPATH/ PAVEMENT
EEG ENERGY EFFICIENT GLAZING	CT CERAMIC TILES
FBK FACE BRICKWORK	CPT CARPET TILES
FG FRAMELESS GLASS	EP EPOXY PAINTED CONCRETE
PCA POWDERCOATED ALUMINIUM	GRV RIVERSTONE GRAVEL
PCS POWDERCOATED ALUMINIUM PERFORATED SCREEN PANELS	PGC FIGMENTED CONCRETE W/ EXPRESSED GROOVES
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PTF PAINTED TIMBER FENCE	PVS CONCRETE PAVER STEPPING STONES
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XP EXTERNAL PAINT FINISH	TDB TIMBER DECKING BOARDS
XPS EXTERIOR GRADE PAINTED STEEL APPEARANCE	TFB TIMBER FLOOR BOARDS
ZN COLORBOND STEEL ZINC APPEARANCE	VN SHEET OR PLANK VINYL FLOORING
	WFM WATERPROOF MEMBRANE

EXTERNAL FINISHES PALETTE

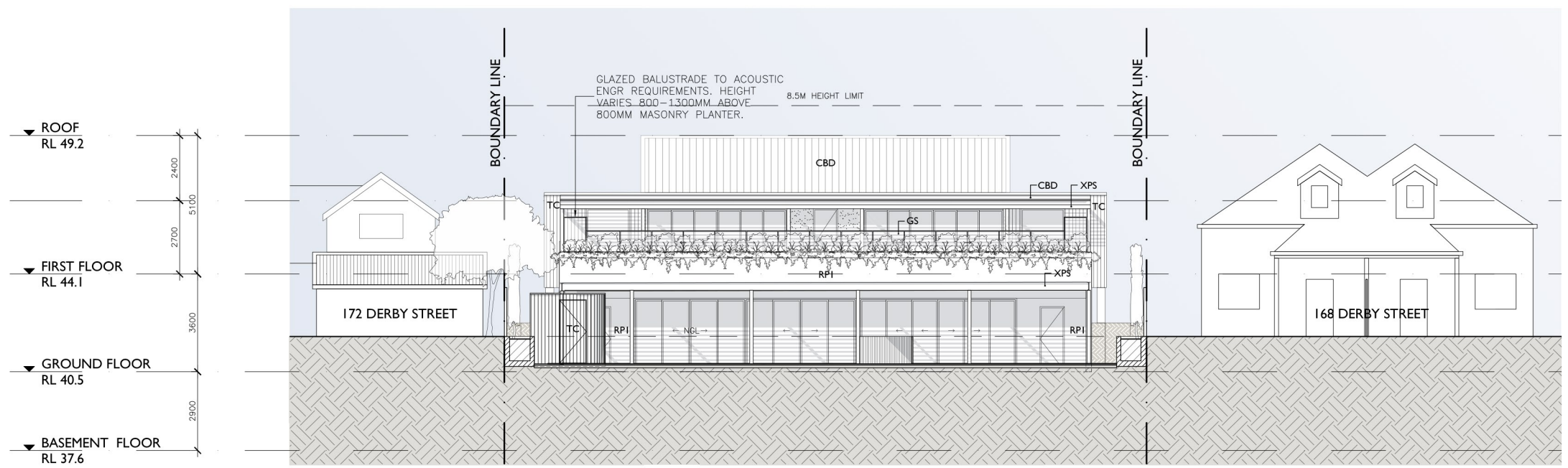
RP Warm grey rendered and painted walls.	XP Exterior grade paint to metalwork - charcoal grey.	TC Timber-look cladding - similar tone to Western Red Cedar.	CBD Standing seam roofing/wall cladding - Colorbond Matt Basalt.	PCS P-coated alum. perforated screen - light bronze.	PCA P-coated alum. windows & doors - Dulux Platypus Kinetic Pearl or sim.	PMK Painted or p-coated metal balustrade.	GS Aluminium framed glass screen.	PTF Painted timber lapped & capped fence.

FOR DEVELOPMENT APPLICATION

A	26/04/2021	AMENDED DA IN RESPONSE TO COUNCIL RFI	SY	JC	
ISSUE	DATE	REVISION	BY	CHECK	
DO	NOT	SCALE	FROM	DRAWINGS. VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK	
PROJECT	170 DERBY STREET, PENRITH				
CLIENT	MONTESSORI ACADEMY				
DRAWING	EAST & NORTH ELEVATIONS, AND EXTERNAL COLOUR SCHEDULE				
DATE	NOV 2020	SCALE	1:200 @ A3	DRAWN	EL
JOB # 2023		DWG # DA11		REV.	A
NOM ARCH: JON CULLEN NSW 6437 303 / 77 DUNNING AVENUE, ROSEBERY NSW 2018, AUSTRALIA +612 8310 2095					



1 WEST ELEVATION
1:200 @ A3



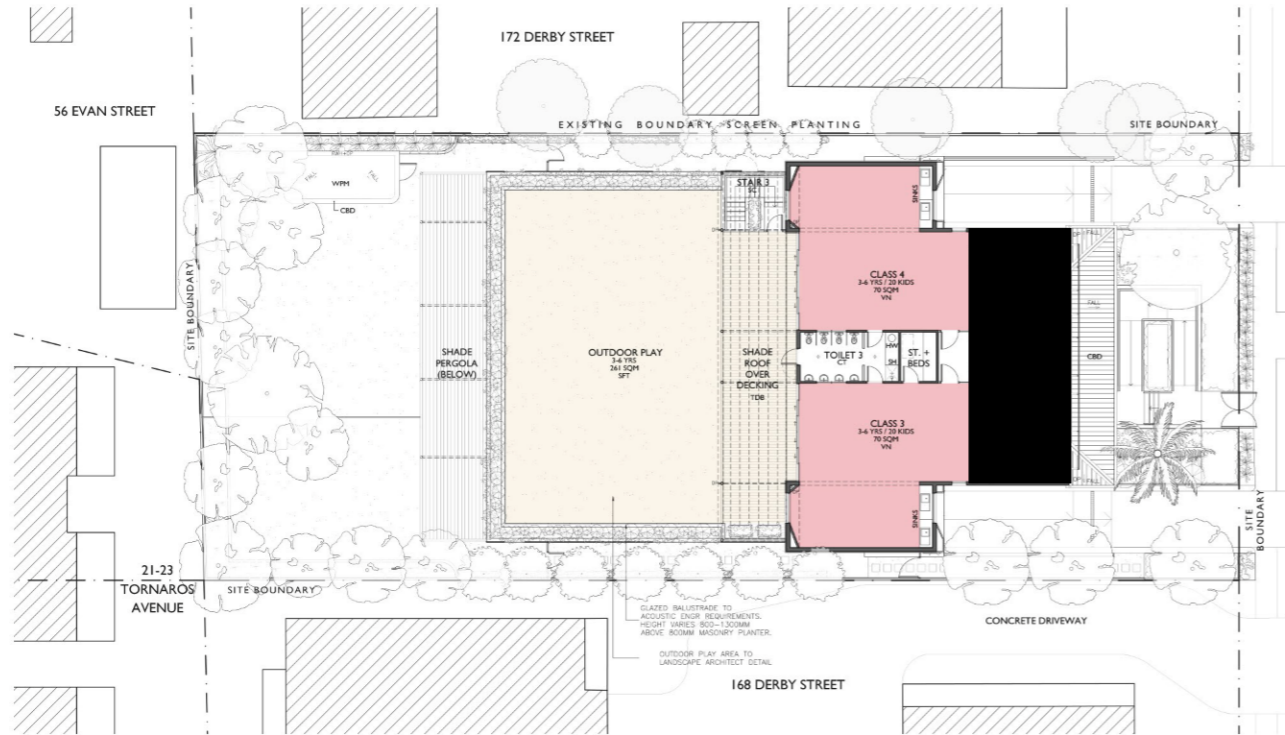
2 SOUTH ELEVATION
1:200 @ A3

FINISHES LEGEND	
REFER TO MATERIALS SCHEDULE FOR MORE INFORMATION	
WALL FINISH	FLOOR FINISH
CBD COLORBOND STEEL	CPV CONCRETE FOOTPATH/ PAVEMENT
EEG ENERGY EFFICIENT GLAZING	CT CERAMIC TILES
FBK FACE BRICKWORK	CPT CARPET TILES
FG FRAMELESS GLASS	EP EPOXY PAINTED CONCRETE
PCA POWDERCOATED ALUMINIUM	GRV RIVERSTONE GRAVEL
PCS POWDERCOATED ALUMINIUM PERFORATED SCREEN PANELS	PGC FIGMENTED CONCRETE W/ EXPRESSED GROOVES
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PTF PAINTED TIMBER FENCE	PVS CONCRETE PAVER STEPPING STONES
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SSS (SATIN) STAINLESS STEEL	SFT SOFT-FALL SURFACE TO LNSP ARCH DTL
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XPS EXTERIOR GRADE PAINTED STEEL	TFB TIMBER FLOOR BOARDS
ZN COLORBOND STEEL ZINC APPEARANCE	VN SHEET OR PLANK VINYL FLOORING
	WFM WATERPROOF MEMBRANE

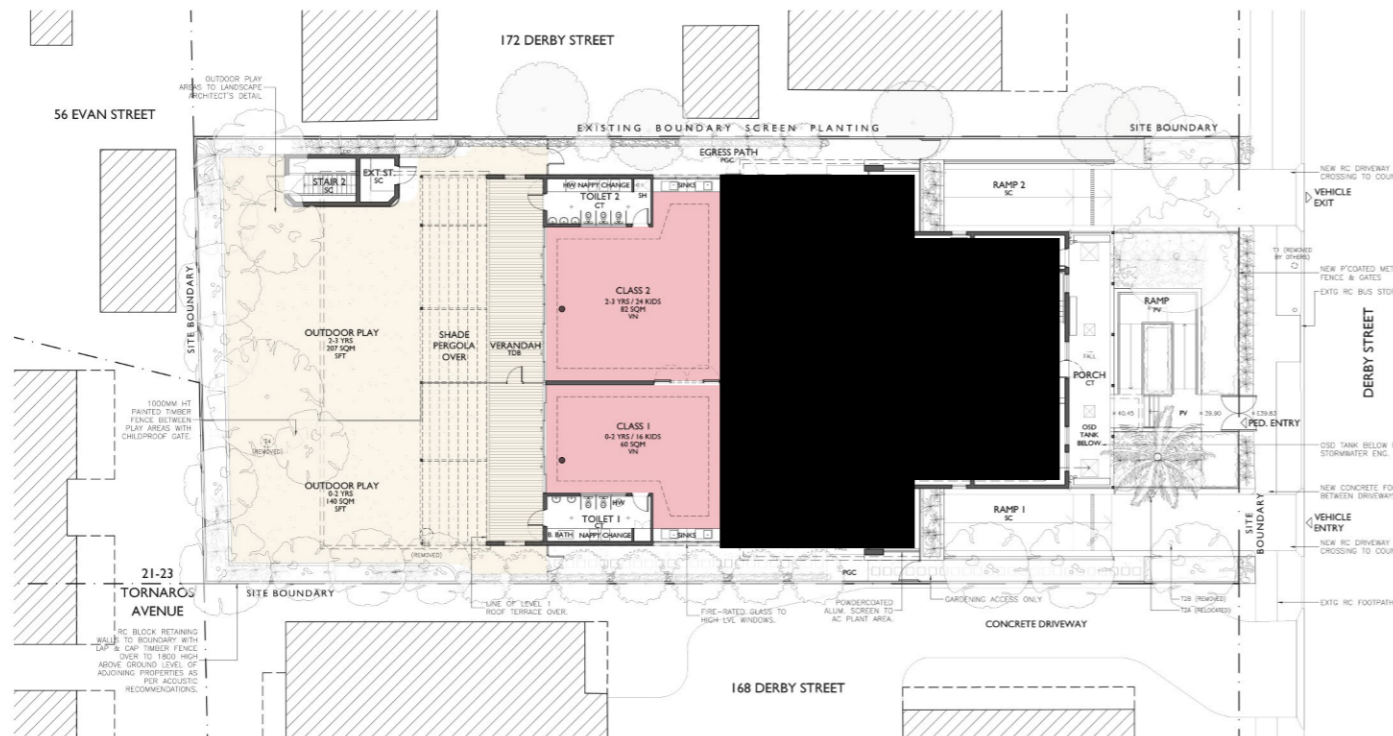
EXTERNAL FINISHES PALETTE									
RP	XP	TC	CBD	PCS	PCA	PMK	GS	PTF	

FOR DEVELOPMENT APPLICATION

DO	NOT	SCALE	FROM	DRAWINGS	VERIFY	ALL	DIMENSIONS	ON	SITE	BEFORE	COMMENCING	WORK
SY	EL	BY	JC	JC	JC	JC	JC	JC	JC	JC	JC	JC
<p>PROJECT 170 DERBY STREET, PENRITH</p> <p>CLIENT MONTESSORI ACADEMY</p> <p>DRAWING WEST & SOUTH ELEVATIONS, AND EXTERNAL COLOUR SCHEDULE</p> <p>DATE NOV 2020 SCALE 1:200 @ A3 DRAWN EL</p> <p>2023 DWG # DAI2 REV. A</p> <p>CULLEN FENG ARCHITECTS</p> <p>NOM ARCH: JON CULLEN NSW 6437 303 / 77 DUNNING AVENUE, ROSEBERY NSW 2018, AUSTRALIA +612 8310 2095</p>												



LEVEL I PLAN
1:400



GROUND FLOOR PLAN
1:400

CHILDREN & REQUIRED PLAY SPACE					
AREA REQ PER CHILD: 3.25sqm (indoor) / 7sqm (outdoor)					
CLASSROOM	AGE	NO.	INDOOR PLAY	OUTDOOR PLAY	TEACHERS
1	0-2	16	52.0 SQM	112.0 SQM	4
2	2-3	24	78.0 SQM	168.0 SQM	5
3	3-6	20	130.0 SQM	280.0 SQM	4
4		20			
TOTAL		80	260.0 SQM	560.0 SQM	13


CARPARKING REQUIREMENTS		
PENRITH DCP 2014 PART C10		
CHILDREN / CARERS	1 SPACE PER 10 CHILDREN 80 CHILDREN = 8 SPACES	8
STAFF	1 SPACE PER EMPLOYEE 13 EMPLOYEES = 13 SPACES	13
	TOTAL CAR SPACES REQUIRED	21

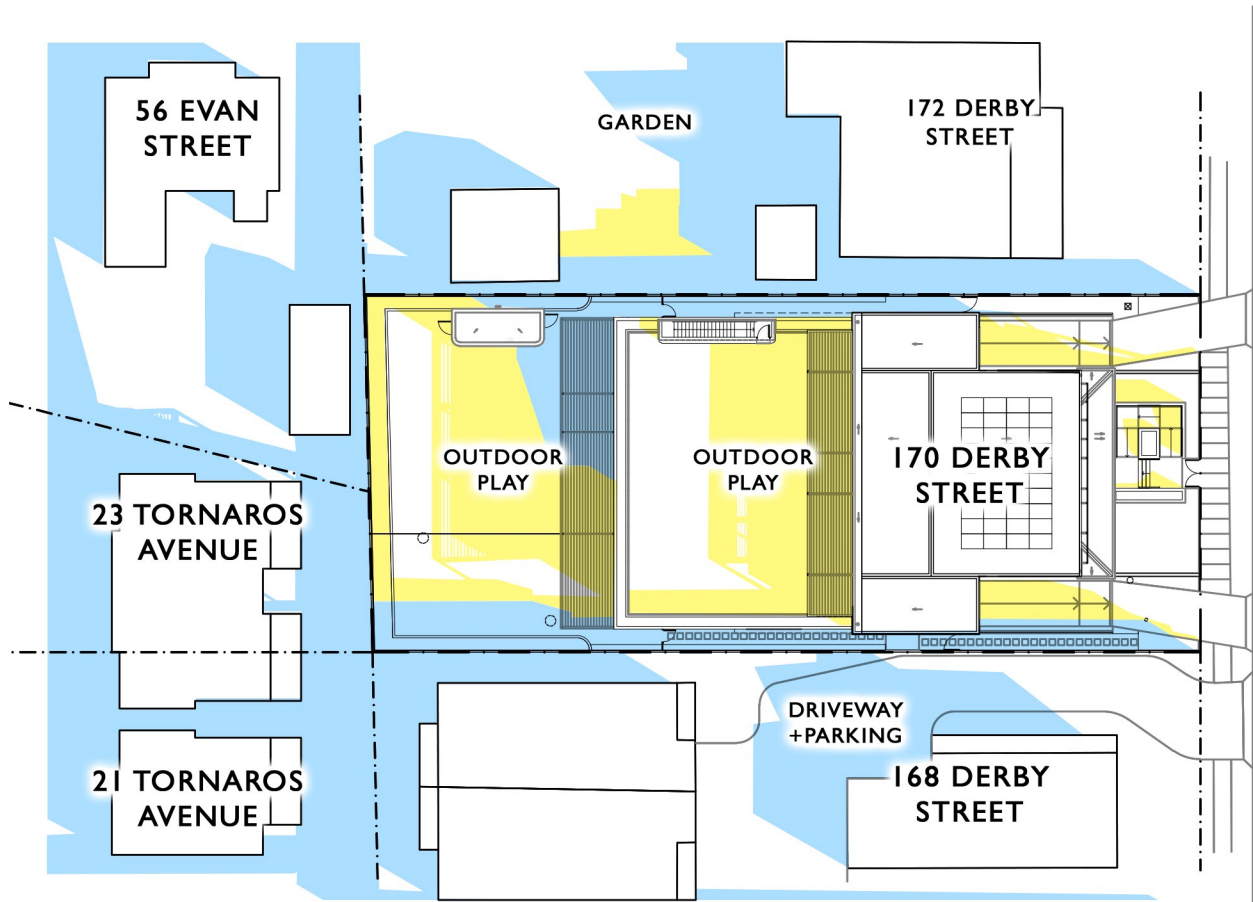
PROPOSED DEVELOPMENT		
INDOOR PLAY SPACE	282 SQM	COMPLIES
OUTDOOR PLAY SPACE	608 SQM	COMPLIES
CARPARKING SPACES	21 SPACES	COMPLIES

FOR DEVELOPMENT APPLICATION

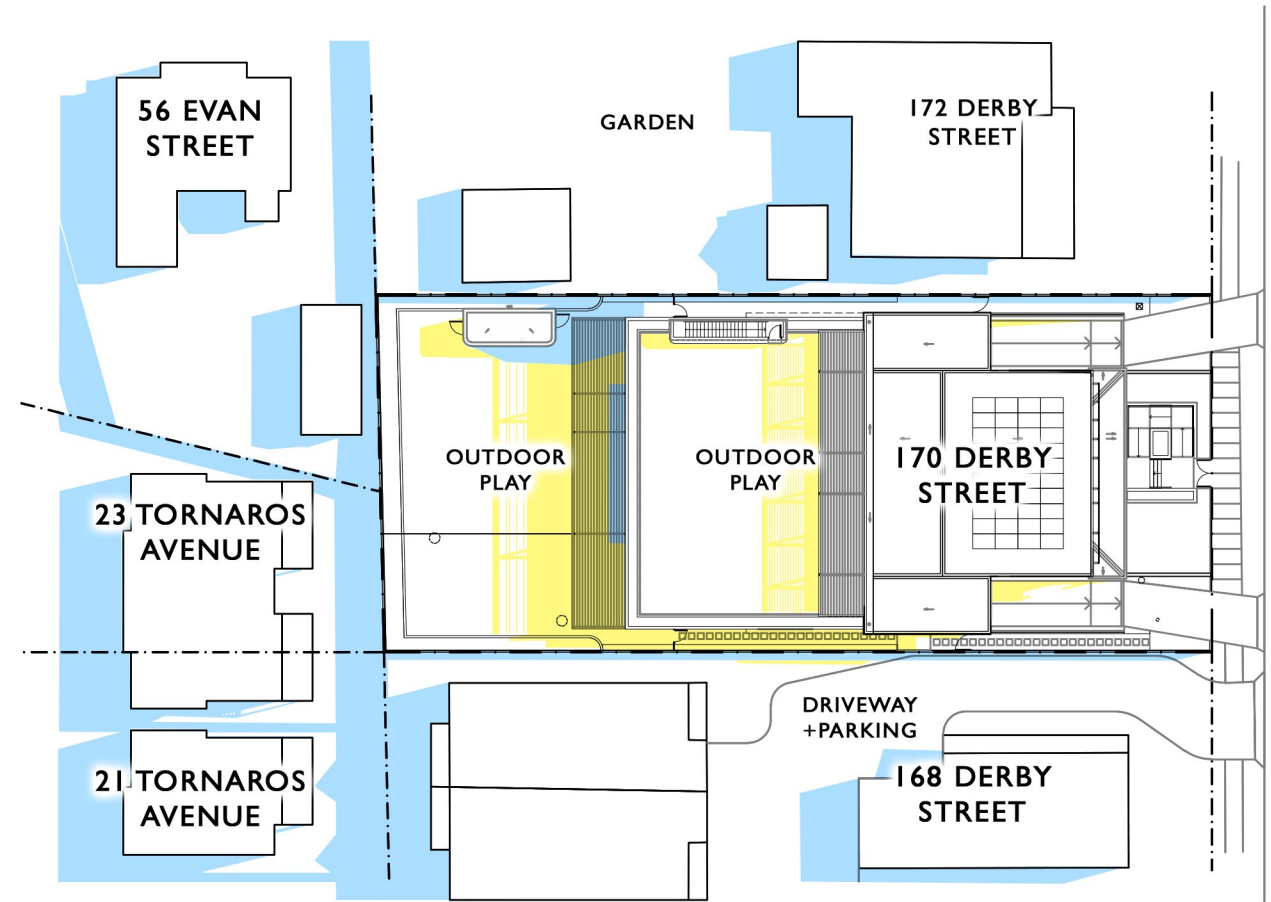
ISSUE	DATE	REVISION	BY	CHECK
A	26/04/2021	AMENDED DA IN RESPONSE TO COUNCIL RFI	ST	JC
-	30/11/2020	FOR DA	BL	JC

DO NOT SCALE FROM DRAWINGS. VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK.

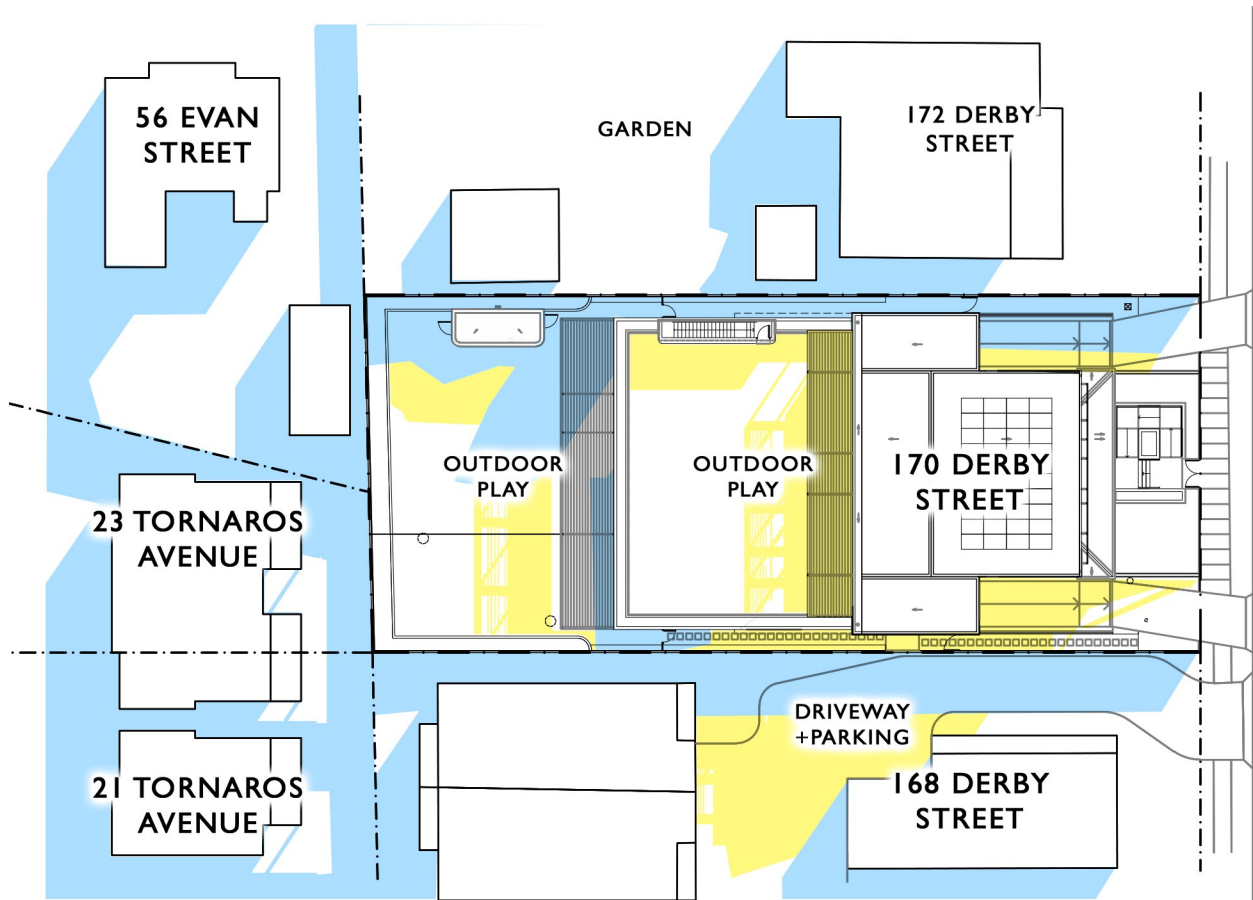

ARCHITECTS
 PROJECT 170 DERBY STREET, PENRITH
 CLIENT MONTESSORI ACADEMY
 DRAWING AREA CALCULATIONS
 DATE NOV 2020 SCALE AS SHOWN DRAWN EL
 JOB # 2023 DWG # DAI3 REV. A
 NQM ARCH: JON CULLEN NSW 6437 | 303 / 77 DUNNING AVENUE, ROSEBERY NSW 2018, AUSTRALIA | +612 8310 2095



1 SUN SHADOW DIAGRAM AT 9AM JUNE 21 (WINTER SOLSTICE)
1:500 @ A3; 1: 250 @ A1



2 SUN SHADOW DIAGRAM AT 12PM JUNE 21 (WINTER SOLSTICE)
1:500 @ A3; 1: 250 @ A1

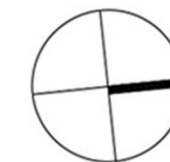


3 SUN SHADOW DIAGRAM AT 3PM JUNE 21 (WINTER SOLSTICE)
1:500 @ A3; 1: 250 @ A1

	9AM	12PM	3PM
TOTAL OUTDOOR PLAY AREA	647 SQM	647 SQM	647 SQM
TOTAL AREA WITH SUNLIGHT FALLING ON GROUND	160 SQM	308 SQM	230 SQM
% AREA WITH SUNLIGHT	25%	48%	36%
>30% COMPLIES	NO	YES	YES
	(COMPLIES BY 9:30AM)		
TOTAL AREA WITH SHADE ON GROUND	487 SQM	339 SQM	417 SQM
% AREA WITH SHADE	75%	52%	64%
>30% COMPLIES	YES	YES	YES

LEGEND

- EXISTING SHADOW ON GROUND
- NEW SHADOW FROM PROPOSED DEVELOPMENT



FOR DEVELOPMENT APPLICATION

ISSUE	DATE	FOR DA REVISION	SY	JC
DO	NOT	SCALE FROM	DRAWINGS	VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK

CULLEN FENG
ARCHITECTS

PROJECT 170 DERBY STREET, PENRITH

CLIENT MONTESSORI ACADEMY

DRAWING SHADOW DIAGRAM

DATE 30/11/2020 SCALE 1:500 @ A3
1:250 @ A1

JOB # 2023 DWG # DAI4 REV. -

DRAWN SY

NQM ARCH | JON CULLEN NSW 6437 | 303 / 77 DUNNING AVENUE, ROSEBERY NSW 2018, AUSTRALIA | +612 8310 2095