DA Submission

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2. Work to given dimensions. Do not scale from drawing.
3. Check all dimensions on site prior to construction and fabrication.
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PORT STEPHENS COUNCIL
This plan relates to
Development Consent No.

16-2021-951-1

and is subject to conditions
as shown on that Consent

LEGEND

- ADMINISTRATION OFFICE
- PROPOSED SITE
- EXISTING TREE
- EXISTING DEMOUNTABLE
- EXISTING BUILDING
- OPEN PLAY SPACE

4315
DA1005
RevF 12.08.21

Full School Site Plan

St Philip's Christian College Port Stephens - Junior Building
182 Salamander Way, Salamander Bay

0m 10 20 30 40 50 1:1000 @A3

SHAC

Nominated Architect Justin Hamilton (6160) | ABN 32 131 584 846

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DA Submission

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LEGEND

- LOT BOUNDARY LINES
- EXISTING DEMOUNTABLE
- EXISTING BUILDING
- TO BE DEMOLISHED
- EXISTING TREE
- TREE TO BE DEMOLISHED

PORT STEPHENS COUNCIL
This plan relates to
Development Consent No.

16-2021-951-1

and is subject to conditions
as shown on that Consent

St Philip's Christian College
The Way The Truth The Life
For the Whole of Their Life

4315
DA1007
RevE 12.08.21

Existing / Demolition Plan

St Philip's Christian College Port Stephens - Junior Building
182 Salamander Way, Salamander Bay

0m 5 10 15 20 25 1:500 @A3

SHAC

Nominated Architect Justin Hamilton (6160) | ABN 32 131 584 846

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LEGEND

- CAMPUS BOUNDARY
- EXISTING SCHOOL BUILDINGS
- PROPOSED JUNIOR SCHOOL BUILDING
- PROPOSED JUNIOR SCHOOL DECKING
- PROPOSED JUNIOR SCHOOL LANDSCAPING

PORT STEPHENS COUNCIL
This plan relates to Development Consent No.

16-2021-951-1

and is subject to conditions as shown on that Consent

St Philip's Christian College
The Way The Truth The Life
For the Whole of Their Life

4315
DA1009
RevM 28.09.21

Proposed Site Plan

St Philip's Christian College Port Stephens - Junior Building

182 Salamander Way, Salamander Bay

0m 5 10 15 20 25 1:500 @A3

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DA Submission

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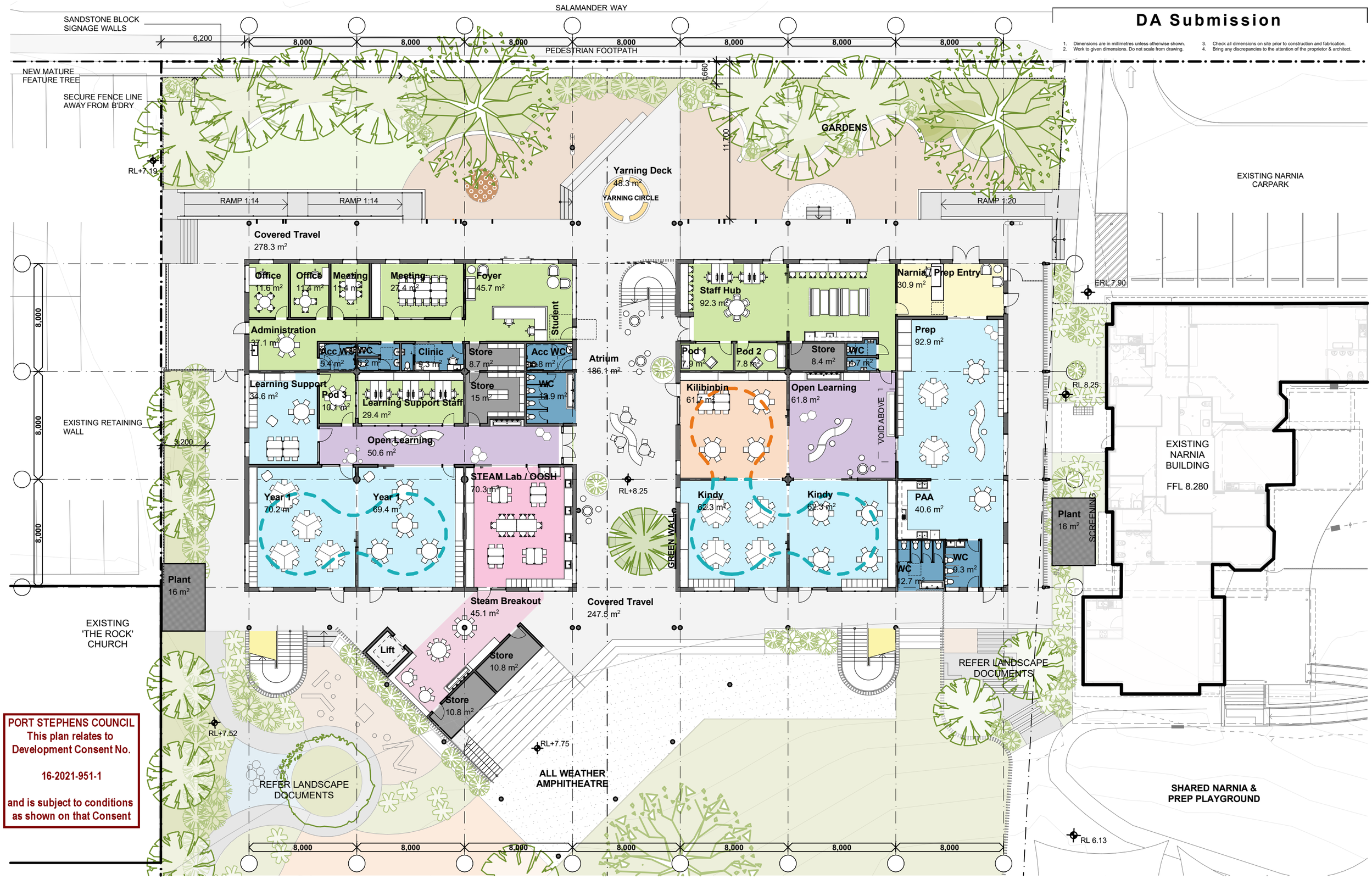

PORT STEPHENS COUNCIL
This plan relates to Development Consent No.

16-2021-951-1

and is subject to conditions as shown on that Consent

4315
DA2201
RevM 28.09.21

Ground Floor Plan

St Philip's Christian College Port Stephens - Junior Building
182 Salamander Way, Salamander Bay

0m 2.5 5 7.5 10 12.5 1:250 @A3

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DA Submission

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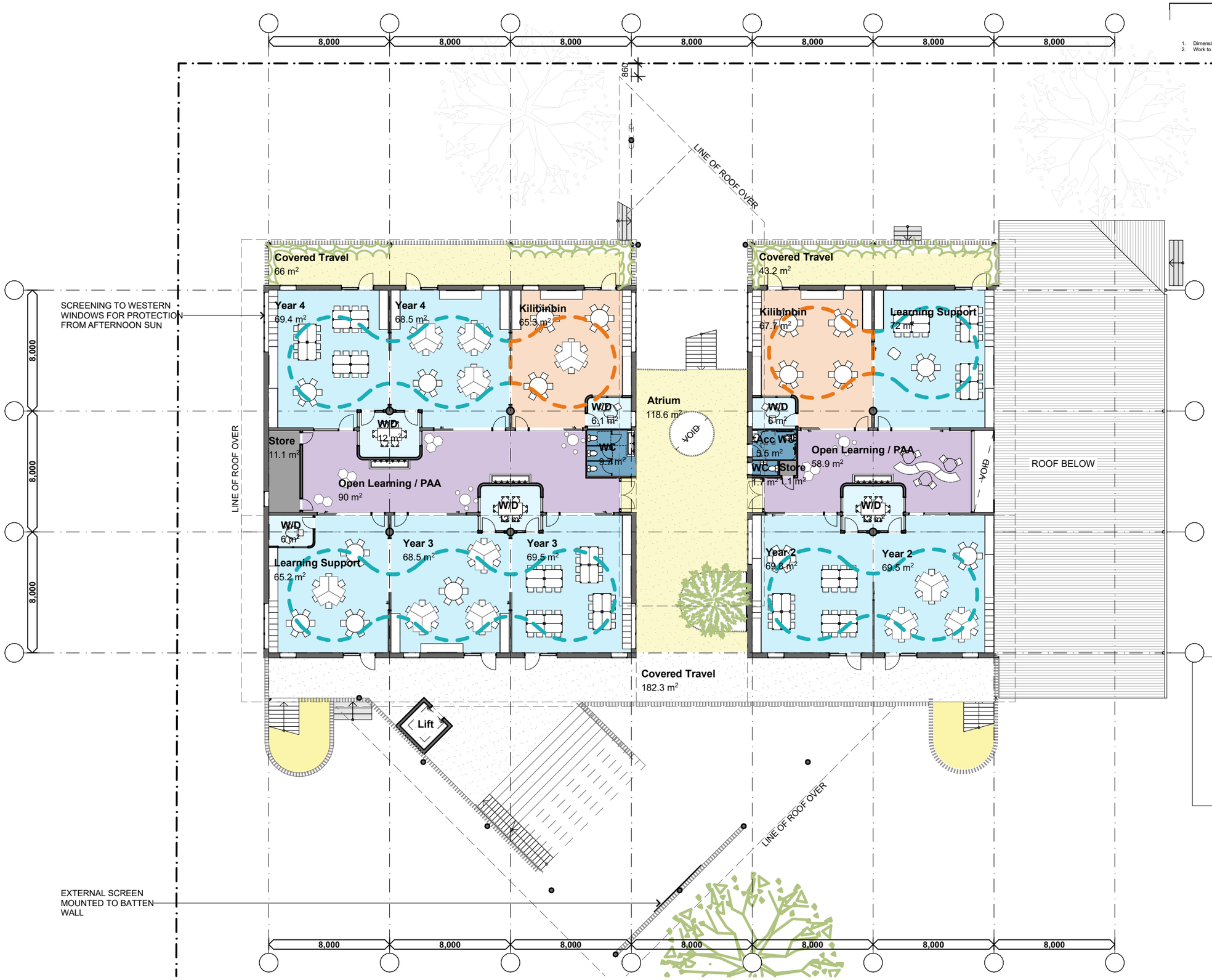

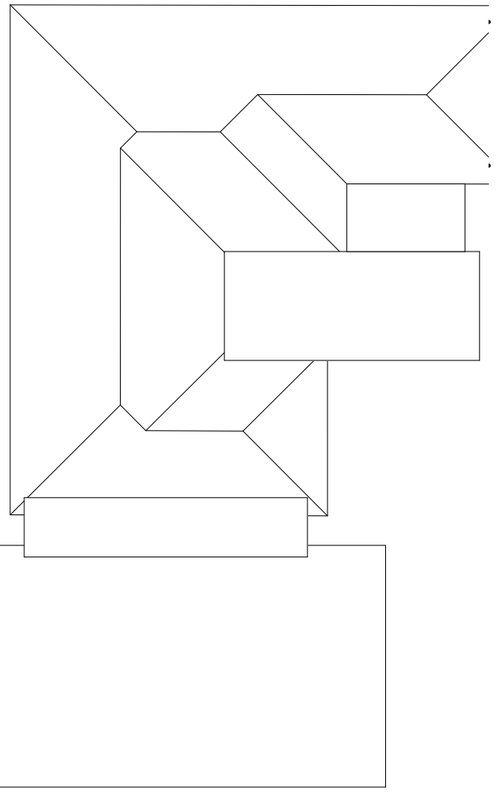

PORT STEPHENS COUNCIL
This plan relates to
Development Consent No.

16-2021-951-1

and is subject to conditions
as shown on that Consent

4315
DA2202
RevK 28.09.21

First Floor Plan

St Philip's Christian College Port Stephens - Junior Building
182 Salamander Way, Salamander Bay

0m 2.5 5 7.5 10 12.5 1:250 @A3

SHAC

Nominated Architect Justin Hamilton (6160) | ABN 32 131 584 846

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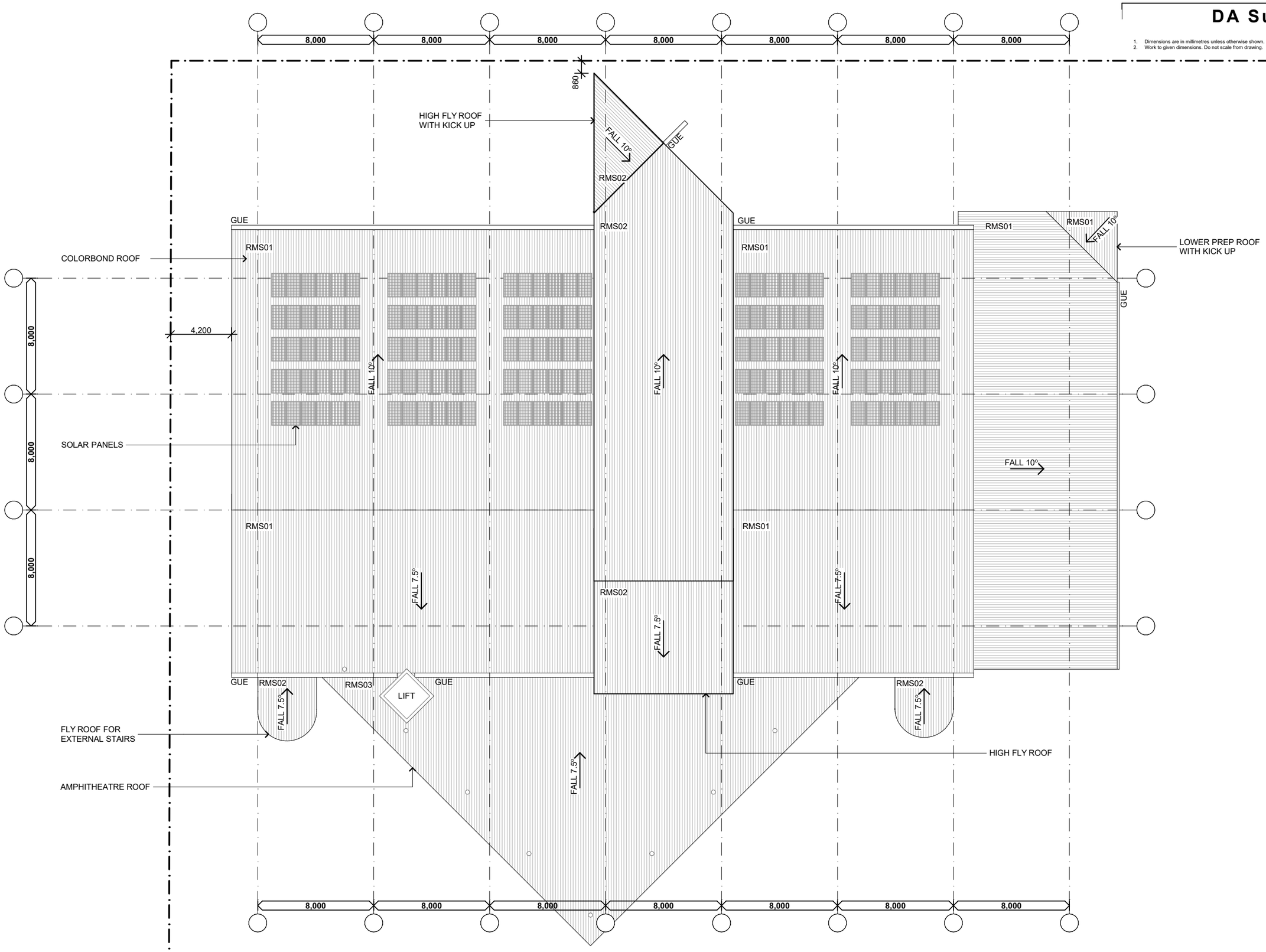

PORT STEPHENS COUNCIL
This plan relates to
Development Consent No.

16-2021-951-1

and is subject to conditions
as shown on that Consent

4315
DA2401
RevD 12.08.21

Roof Plan

St Philip's Christian College Port Stephens - Junior Building
182 Salamander Way, Salamander Bay

0m 2.5 5 7.5 10 12.5 1:250 @A3

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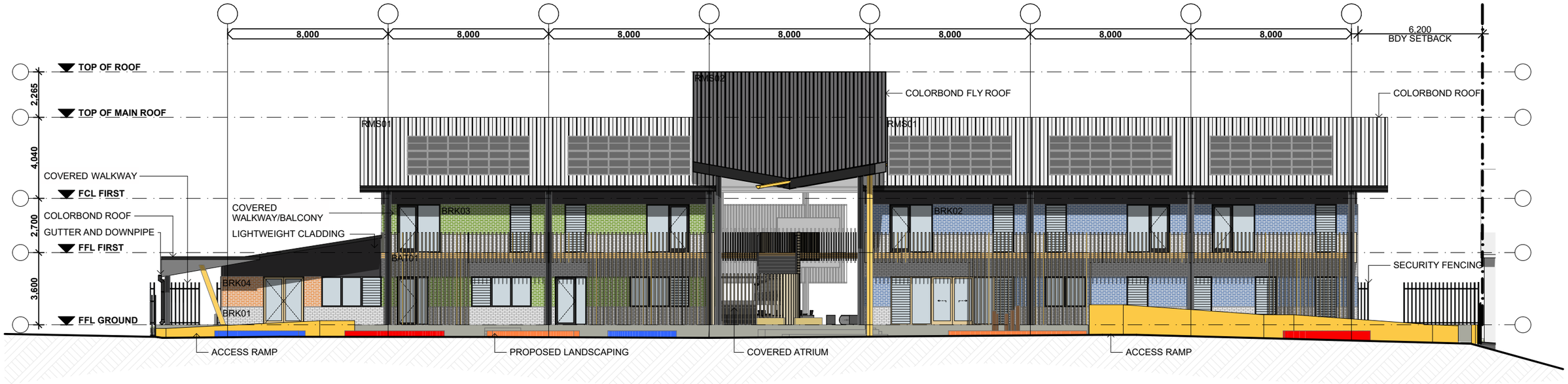
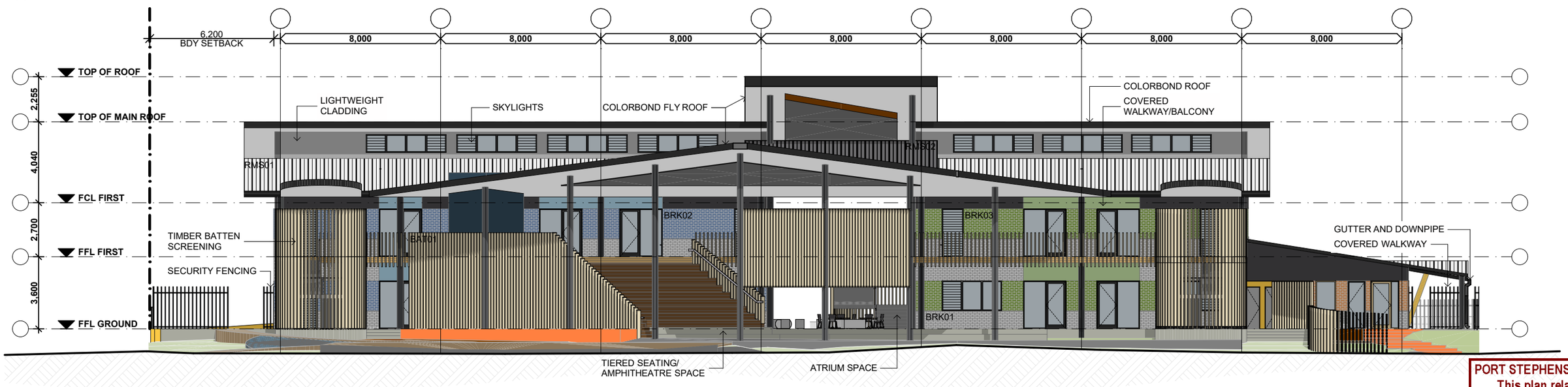


North Elevation

1:200



South Elevation

1:200

PORT STEPHENS COUNCIL
This plan relates to
Development Consent No.

16-2021-951-1

and is subject to conditions
as shown on that Consent

4315
DA3102
RevD 28.09.21

North + South Elevations

St Philip's Christian College Port Stephens - Junior Building
182 Salamander Way, Salamander Bay

0m 2 4 6 8 10 1:200 @A3

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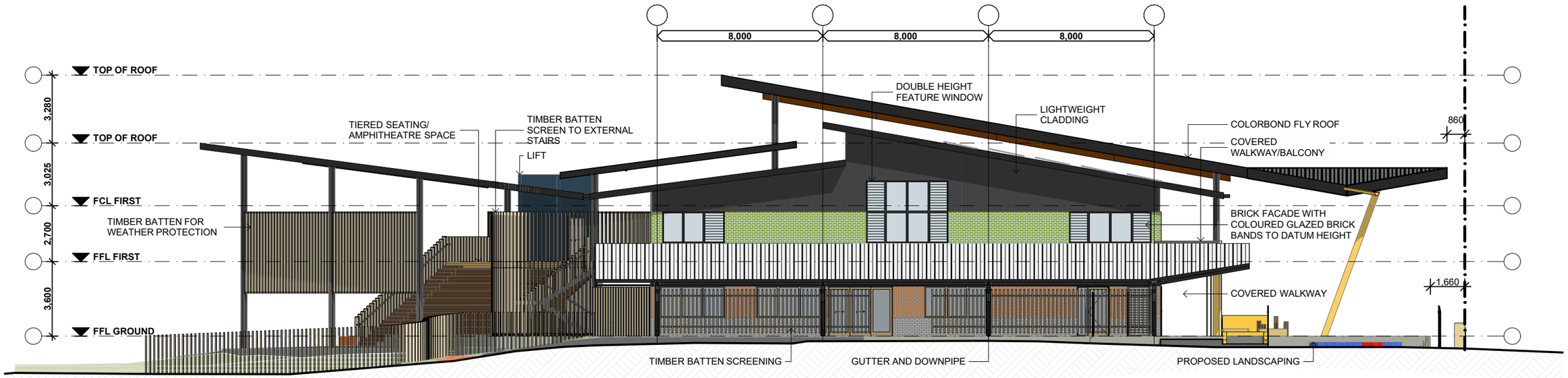
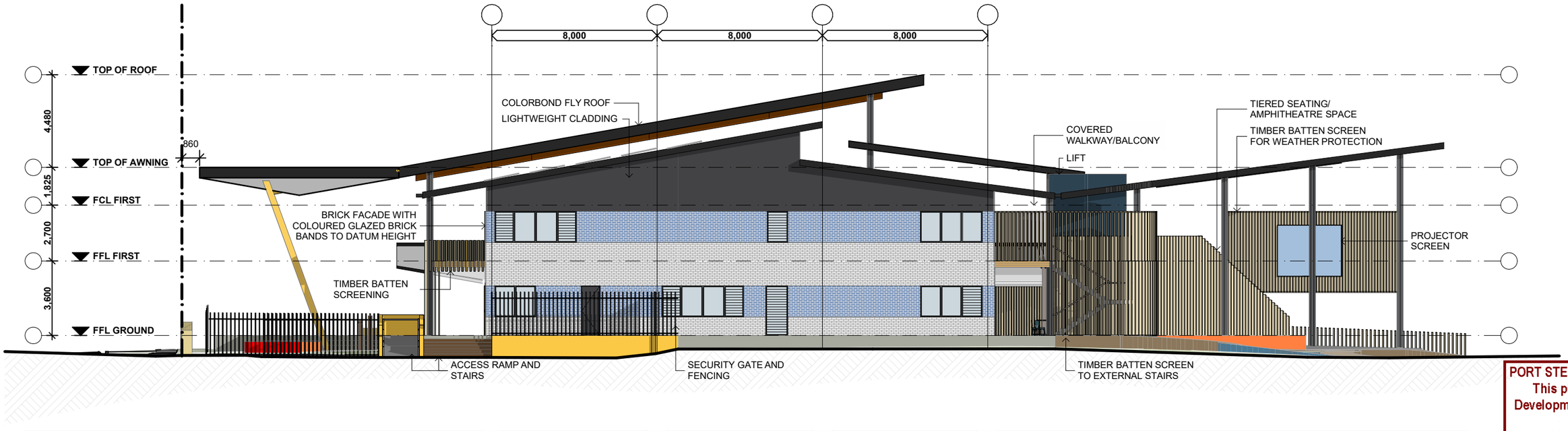


East Elevation

1:200



West Elevation

1:200

PORT STEPHENS COUNCIL
This plan relates to
Development Consent No.

16-2021-951-1

and is subject to conditions
as shown on that Consent

4315
DA3103
RevD 28.09.21

East + West Elevations

St Philip's Christian College Port Stephens - Junior Building
182 Salamander Way, Salamander Bay

0m 2 4 6 8 10 1:200 @A3

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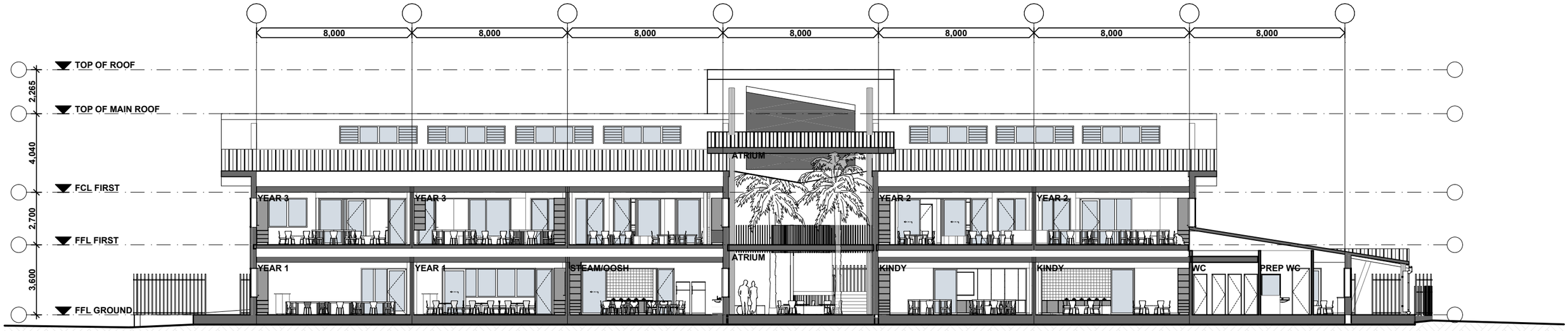
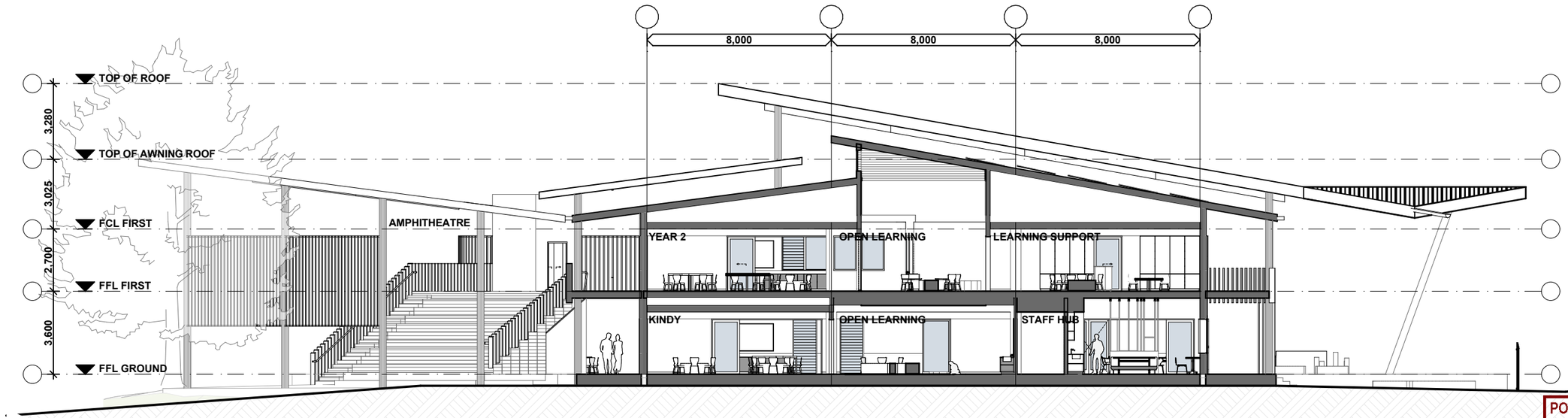


Section A

1:200



Section B

1:200

PORT STEPHENS COUNCIL
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Development Consent No.

16-2021-951-1

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as shown on that Consent

4315
DA3201
RevD 28.09.21

Sections

St Philip's Christian College Port Stephens - Junior Building
182 Salamander Way, Salamander Bay

0m 1 2 3 4 5 1:100 @A3

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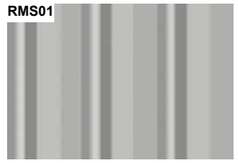
Entry Atrium



LAURA FREESTONE ARTWORK AS EX. OF INDIGENOUS MOTIF
LOCAL INDIGENOUS ARTIST COLLABORATION FOR MOTIF - TBC

PORT STEPHENS COUNCIL
This plan relates to
Development Consent No.

16-2021-951-1

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as shown on that Consent

4315
DA8003
RevD 28.09.21

3D Perspectives And Materiality

St Philip's Christian College Port Stephens - Junior Building
182 Salamander Way, Salamander Bay

NTS
@A3

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LANDSCAPE CONCEPT PLAN
Scale 1:200 @ A1

0 5 10 15 20m

LEGEND

- Lot boundary
- Extent of work
- Roofline refer to architectural drawing
- Proposed fence by Architect
- Existing fence
- Wall refer to architectural drawing
- Lawn
- Mass planting
- Playground mulch
- Rubber softfall
- Decomposed granite
- Plain concrete paving with saw cuts
- Sandstone yarning circle refer to architectural drawing
- Existing trees to be removed
- Existing trees to be retained
- *Quercus robur* English Oak
- *Fraxinus raywood* Claret Ash
- *Tristaniopsis laurina 'Luscious'* Water Gum
- *Elaeocarpus reticulatus* Blueberry Ash
- *Prunus cerasifera* Purple Plum
- *Fraxinus pennsylvanica* Green ash
- *Lagerstroemia indica* Crepe Myrtle
- Shrub & groundcover planting

INDOOR PLANTS

- *Davidsonia johnsonii* Davidson's Plum
- Succulents planting

KEYS:

1. Open lawn
2. Low maintenance shrub & mass planting
3. Feature trees to highlight the street
4. Big canopy tree to provide shade
5. Existing totem poles relocated
6. Existing tree to be retained
7. Low concrete seating wall painted in rainbow colours
8. Stairs and seating bench
9. Accessible concrete path 1:20
10. Large deciduous tree to provide shade
11. Natue play area with mulch softfall
12. Rubber softfall play mound
13. Planter box
14. Climbing timber sleepers and natural boulders
15. Green wall
16. Indoor plants
17. Signage wall refer to architectural drawing
18. Fence to separate Primary School and Preschool
19. Biofiltration basin. Refer to Engineers drawings

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Islington NSW 2296
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Fax (02) 4965 3555
admin@moirla.com.au
www.moirla.com.au

ARCHITECT:
SHAC

ENGINEER:

CLIENT:
St Phillips Christian Education Foundation

No:	DATE:	REVISION:	BY:
A	26/8/21	DRAFT DA	CX
B	29/9/21	FOR APPROVAL	CN

NOTE: DRAWING PURPOSES FOR APPROVAL ONLY. NOT FOR CONSTRUCTION.

PROJECT:
St Phillips Junior School Salamander Bay
182 Salamander Way, Salamander Bay NSW 2317

Status: DRAFT

North

LANDSCAPE CONCEPT PLAN

SCALE: 1:200@A1
ORIGINAL DRAWING AT A1.
Drawn By: CX
Checked By: TB Approved By: DM

Project No. 2035
Drawing No. LP02
Rev B

LANDSCAPE DETAIL CONCEPT PLAN
Scale 1:100 @ A1

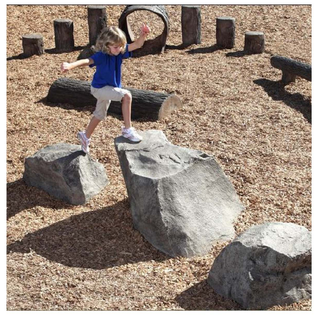
0 2 4 6 8 10m

Low concrete seating wall

Nature play space - stepping logs, decks

Rubber softball play mound

Colorful seating



Natural boulders

KEYS:
1. Accessible concrete path 1:20
2. Large deciduous tree to provide shade
3. Rubber softfall play mound
4. Nature play area with mulch softfall
5. Planter box
6. Natural boulders in garden bed
7. Coloured concrete retaining wall to provide seating and access
8. Feature deciduous tree along western boundary
9. New brick paving

PORT STEPHENS COUNCIL
This plan relates to Development Consent No.

16-2021-951-1

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ARCHITECT:
SHAC
ENGINEER:

CLIENT:
St Phillips Christian Education Foundation

No:	DATE:	REVISION:	BY:
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B	29/9/21	FOR APPROVAL	CN

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PROJECT:
St Phillips Junior School Salamander Bay
182 Salamander Way, Salamander Bay NSW 2317

Status: DRAFT

North

DETAIL CONCEPT PLAN & THEMING IMAGES

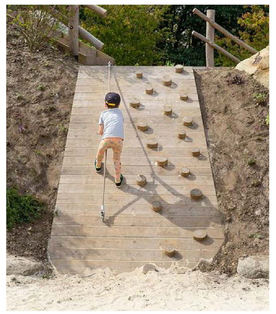
SCALE: 1:100@A1
ORIGINAL DRAWING AT A1.
Drawn By: CX
Checked By: TB Approved By: DM

Project No. 2035
Drawing No. LP03
Rev B

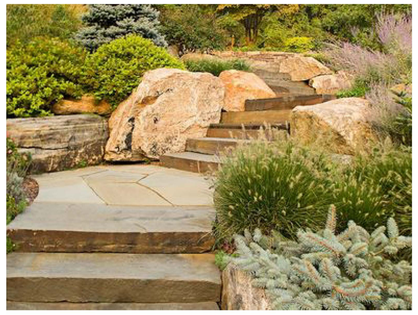
LANDSCAPE DETAIL CONCEPT PLAN
Scale 1:100 @ A1

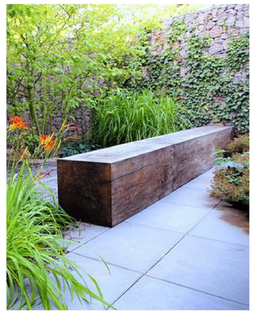
0 2 4 6 8 10m

Green wall


Timber climbing wall

Garden steps with planting


Natural boulders in garden bed


Timber bench seating

PORT STEPHENS COUNCIL
This plan relates to Development Consent No.

16-2021-951-1

and is subject to conditions as shown on that Consent

KEYS:
1. Green wall
2. Timber climbing wall
3. Landing area with bench seating
4. Landing area with bench seating
5. Natural boulders in garden bed
6. Access to Narnia play area
7. Feature small trees to provide shade
8. Planter box

PLANTING SCHEDULE

Botanical Name	Common Name	Pot Size	Mature Height/Width	Qty
Trees				
Elaeocarpus reticulatus	Blueberry Ash	100 litre	5-10m / 4-6m	2
Lagerstroemia indica	Crepe Myrtle	100 litre	3-5m / 3-5m	2
Fraxinus pennsylvanica	Green ash	100 litre	4-6m / 3-4m	2
Fraxinus raywood	Claret Ash	100 litre	10-12m / 5-7m	1
Prunus cerasifera	Purple Plum	100 litre	4-5m / 3-4m	4
Quercus robur	English Oak	100 litre	15-20m / 15-20m	3
Tristaniopsis laurina 'Luscious'	Water Gum	100 litre	5-10m / 4-6m	2
Davidsonia johnsonii	Davidson's Plum	200 litre	5-10m / 2-4m	1
Shrubs & Groundcovers				
Syzygium australe 'Resilience'	Lilly Pilly	200mm	1.5-3m / 1.5-2m	
Acmena smithii 'Allyn Magic'	Dwarf Lilly Pilly	200mm	0.5-0.8m / 0.8m	
Westringia fruticosa	Coastal Rosemary	200mm	0.9-1.5m / 1.2m	
Rhododendron hybrid 'Autumn Ruby'	Encore Azaleas	200mm	0.6-0.9m / 0.6-0.9m	
Neomarica gracilis	Walking Iris	140mm	0.5m / 0.5m	
Myoporum parvifolium 'Yareena'	Creeping Boobialla	140mm	0.2m / 1m	
Dianella caerulea 'Little Jess'	Native Flax	140mm	0.5m / 0.5m	

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ARCHITECT:
SHAC

ENGINEER:

CLIENT:
St Phillips Christian Education Foundation

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No:	DATE:	REVISION:	BY:
A	26/8/21	DRAFT DA	CX
B	29/9/21	FOR APPROVAL	CN

PROJECT:
St Phillips Junior School Salamander Bay
182 Salamander Way, Salamander Bay NSW 2317

Status: DRAFT

North

DETAIL CONCEPT PLAN & THEMING IMAGES

SCALE: 1:100@A1
ORIGINAL DRAWING AT A1.
Drawn By: CX
Checked By: TB Approved By: DM

Project No. **2035**
Drawing No. LP04
Rev B

INDOOR TREES

Livistona australis
Slender palm

Davidsonia johnsonii
Davidson's Plum

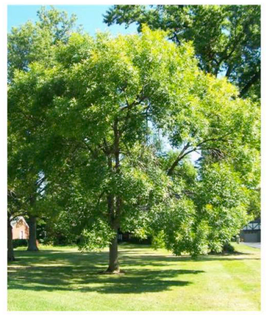
OUTDOOR TREES

Fraxinus raywood
Claret Ash

Quercus robur
English Oak

Elaeocarpus reticulatus
Blueberry Ash

Tristaniopsis laurina 'Luscious'
Water Gum

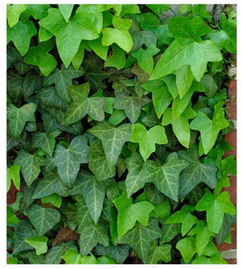


Fraxinus pennsylvanica
Green ash

Lagerstroemia indica
Crepe Myrtle

Prunus cerasifera
Purple Plum

GREEN WALL PLANTS



Hedera helix
Ivy

Epipremnum aureum
Devil's Ivy

Liriope muscari
Lily Turf

Nephrolepis exaltata
Sword Fern

Chlorophytum comosum
Spider Plant

Asplenium nidus
Bird's-nest fern

Soleirolia soleirolii
Soleirolia

Philodendron hederaceum
Heartleaf philodendron

Tradescantia spathacea
Moses-in-the-cradle

Carex appressa
Tall sedge

SHRUBS & GROUNDCOVERS & SUCCULENTS

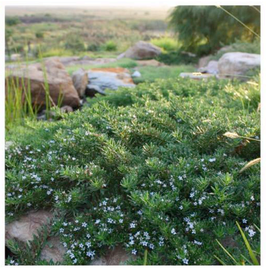
Syzygium australe 'Resilience'
Lilly Pilly

Acmena smithii 'Allyn Magic'
Dwarf Lilly Pilly

Westringia fruticosa
Coastal Rosemary

Rhododendron hybrid 'Autumn Ruby'
Encore Azaleas

Neomarica gracilis
Walking Iris

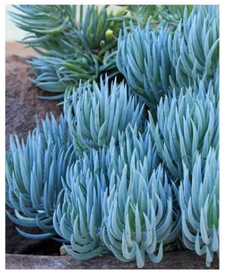


Myoporum parvifolium 'Yareena'
Creeping Boobialla

Dianella caerulea 'Little Jess'
Native Flax

Aloe vera
Aloe

Echeveria elegans
Mexican snow ball



Senecio serpens
Blue Chalk Sticks

PORT STEPHENS COUNCIL
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Development Consent No.

16-2021-951-1

and is subject to conditions
as shown on that Consent

moir landscape architecture
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ARCHITECT:
SHAC

ENGINEER:

CLIENT:
St Phillips Christian Education Foundation

No:	DATE:	REVISION:	BY:
A	26/8/21	DRAFT DA	CX
B	29/9/21	FOR APPROVAL	CN

NOTE: DRAWING PURPOSES FOR APPROVAL ONLY. NOT FOR CONSTRUCTION.

PROJECT:
St Phillips Junior School Salamander Bay
182 Salamander Way, Salamander Bay NSW 2317

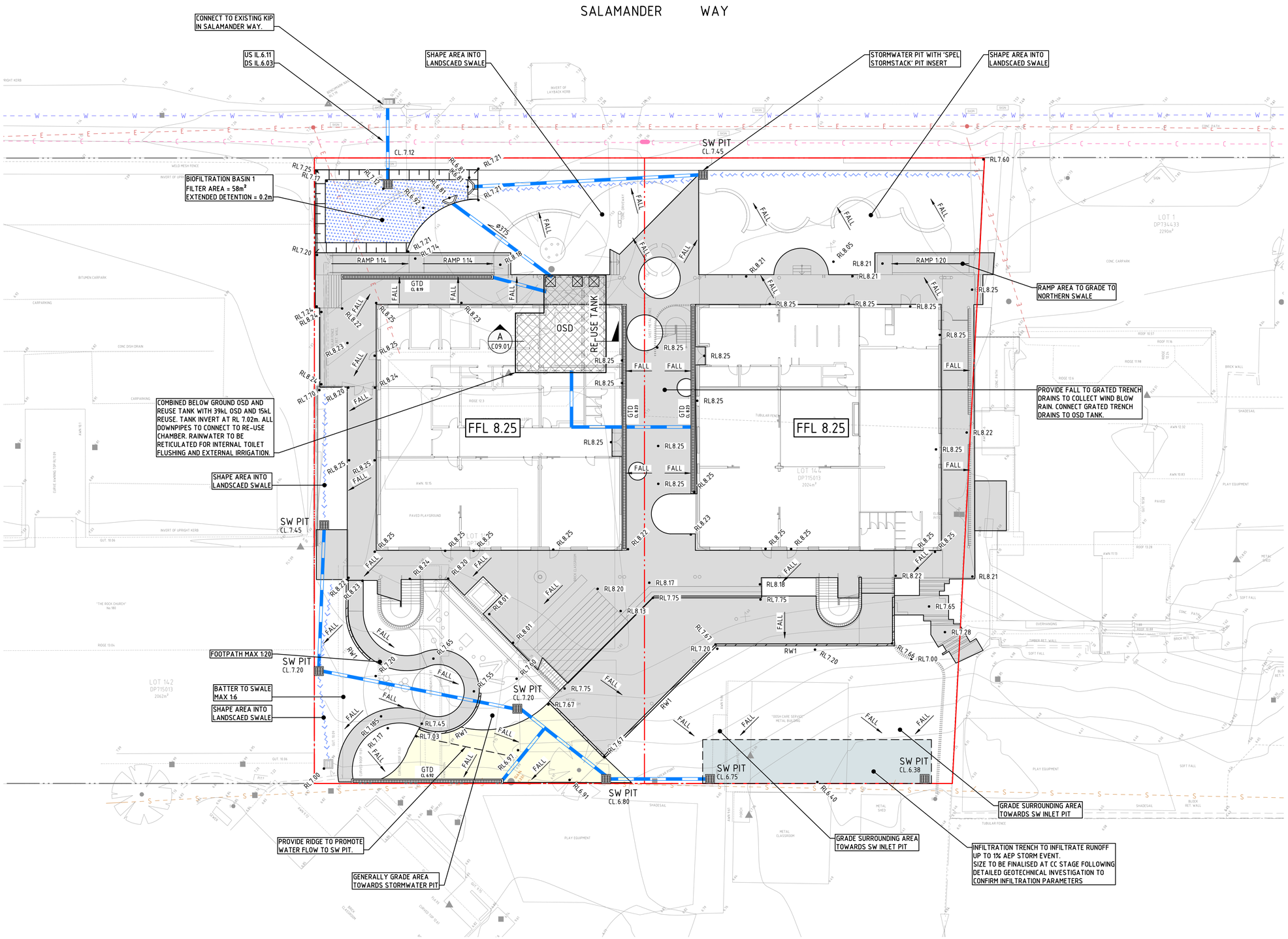
Status: DRAFT

North

PLANTING PALETTE

SCALE: NTS
ORIGINAL DRAWING AT A1.
Drawn By: CX
Checked By: TB Approved By: DM

Project No. 2035
Drawing No. LP05
Rev B



LEGEND

- PROPOSED BOUNDARY LINE
- EXISTING BOUNDARY LINE
- EXISTING ELECTRICITY
- EXISTING TELECOMMUNICATIONS
- EXISTING WATER
- EXISTING SEWER
- EXISTING CONTOURS
- CONCRETE PAVEMENT DETAILS TO BE PROVIDED AT CC STAGE
- PAVER FOOTPATH DETAILS TO BE PROVIDED AT CC STAGE
- Ø150 STORMWATER PIPE
- GRATED INLET PIT (NEW / EXTG)
- KERB INLET PIT (NEW / EXTG)
- JUNCTION PIT (NEW / EXTG)
- GTD GRATED TRENCH DRAIN
- CONCRETE HEADWALL
- BIO FILTRATION BASIN
- DRAINAGE SWALE
- OSD ON-SITE DETENTION TANK
- RW1 RETAINING WALL DETAILS TO BE PROVIDED AT C.C. STAGE
- RL8.25 PROPOSED SPOT HEIGHT
- FALL DIRECTION OF GRADE
- DENOTES EXTENT OF INFILTRATION TRENCH. DETAILS TO BE PROVIDED AT CC STAGE
- FFL 8.25 PROPOSED FINISHED FLOOR LEVEL

PORT STEPHENS COUNCIL
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DRAWN: B. DUGGAN DESIGNED: T. VAN KOEVERDEN JOB MANAGER: K. SINCLAIR VERIFIER: K. SINCLAIR

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
1	ISSUED FOR INFORMATION	BD		TVK	13.09.21
A	ISSUED FOR APPROVAL	BD	KS	TVK	08.10.21

CLIENT
SAINT PHILLIP'S CHRISTIAN COLLEGE

DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED

ARCHITECT
SHAC

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SCALE 1:200@ A1 0 2 4 6 8 10m

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PROJECT
ST PHILLIP'S CHRISTIAN COLLEGE JUNIOR BUILDING
182 SALAMANDER WAY SALAMANDER BAY, NSW, 2317

DRAWING TITLE
DEVELOPMENT APPLICATION
STORMWATER MANAGEMENT PLAN

JOB NUMBER **NL211843**
DRAWING NUMBER **DA-C04.01** REVISION **A**
DRAWING SHEET SIZE = A1

PROPOSED STORMWATER MANAGEMENT SUMMARY

LGA:PORT STEPHENS COUNCIL (PSC)

NORTHROP CONSULTING ENGINEERS HAVE PREPARED A CONCEPT STORMWATER DRAINAGE DESIGN FOR THE PROPOSED DEVELOPMENT AT ST PHILLIPS CHRISTIAN COLLEGE, 182 SALAMANDER WAY, SALAMANDER BAY. THE DEVELOPMENT INCLUDES THE CONSTRUCTION OF A MULTI STORY SCHOOL BUILDING, STORMWATER INFRASTRUCTURE AND LANDSCAPING. THIS DESIGN HAS BEEN UNDERTAKEN IN ACCORDANCE WITH THE PSC'S DEVELOPMENT CONTROL PLAN, AND AS3500.3:2015 PLUMBING AND DRAINAGE - STORMWATER DRAINAGE.

ONSITE DETENTION STORAGE REQUIREMENTS

NORTHROP HAVE DESIGNED THE OSD TO LIMIT POST-DEVELOPMENT FLOWS LEAVING THE SITE TO THE PRE-DEVELOPMENT FLOWS - WHERE THE PRE-DEVELOPMENT CONDITION IS TO BE ASSUMED A 100% PERVIOUS SITE. AN OSD OF MINIMUM 39m^3 IS PROPOSED IN AN UNDERGROUND TANK, WHICH WILL DETAIN THE ROOF CATCHMENT. IN ADDITION TO THIS AN INFILTRATION TRENCH IS PROPOSED ON THE SOUTHERN SIDE OF THE SITE, SIZED TO INFILTRATE RUNOFF FOR ALL STORMS UP TO AND INCLUDING THE 1% AEP EVENT. SIZE TO BE CONFIRMED AT CC STAGE FOLLOWING DETAILED GEOTECHNICAL INVESTIGATION TO CONFIRM INFILTRATION PARAMETERS. PRELIMINARY CALCULATIONS ASSUMING AN INFILTRATION RATE OF 3mm/HR INDICATES AN APPROXIMATE VOLUME OF 113m^3 REQUIRED. THE VOLUME HAS BEEN DETERMINED USING DRAINS MODELLING SOFTWARE, WITH A ILSAX HYDROLOGICAL MODEL. ARR2019 PROCEDURES WERE USED WITH RAINFALL DATA FROM THE ARR DATAHUB. A RANGE OF ANNUAL EXCEEDANCE PROBABILITIES (AEP) MODELLED UP TO THE 1% AEP (MAJOR EVENT). THE RESULTS ARE PROVIDED BELOW, WHERE THE DESIGNED STORAGE VOLUME LIMITS POST DEVELOPMENT FLOWS TO PRE-DEVELOPMENT FLOWRATES (OR LESS).

AEP	PRE-FLOWRATE (m^3/S)	POST-FLOWRATE (m^3/S)
20%	0.105	0.086
10%	0.138	0.104
5%	0.176	0.121
2%	0.225	0.186
1%	0.269	0.230

THE OSD IS DESIGNED AS AN UNDERGROUND TANK WITH APPROXIMATELY 0.7m STORAGE DEPTH, A SINGLE 230mm ORIFICE AT THE BASE OF THE TANK AND A 1.8m WEIR WALL. IT IS NOTED THE OSD TANK HAS BEEN SIZED TO ENSURE MATCH PRE TO POST FLOWS WHEN DISCHARGING TO SALAMANDER WAY, AS WELL AS CONSIDERING THE OVERALL SITE RUNOFF. THE DRAINS MODEL CAN BE PROVIDED TO COUNCIL UPON REQUEST.

A SUMMARY OF THE SITE PARAMETERS CAN BE SEEN BELOW:

TOTAL SITE AREA	= 4085 m^2
POST DEVELOPED IMPERVIOUS AREA	= 2846 m^2
POST DEVELOPED ROOF AREA	= 2330 m^2
POST DEVELOPED PAVED AREA	= 516 m^2
POST DEVELOPED LANDSCAPED PERVIOUS AREA	= 1239 m^2
POST DEVELOPED % IMPERVIOUS	= 69%

WATER QUALITY

TO MINIMISE ANY ADVERSE IMPACTS ON THE DOWNSTREAM WATERCOURSES, STORMWATER TREATMENT DEVICES HAVE BEEN INCLUDED IN THE DESIGN FOR THE PROPOSED DEVELOPMENT. A MUSIC MODEL WAS DEVELOPED, TO DETERMINE THE EFFECTIVE TREATMENT PROVIDED BY THE PROPOSED STORMWATER TREATMENT DEVICES.

ALL RUNOFF FROM THE ROOF IS TO BE CONVEYED VIA A PIPE NETWORK TO THE UNDERGROUND 15KL REUSE TANK ADJACENT TO THE OSD TANK. THE NORTH EASTERN GRASSED AREA IS CONVEYED TO A LANDSCAPED SWALE THAT DISCHARGES INTO A STORMWATER PIT CONTAINING A SPEL STORMSTACK AND PIPED TO THE BIO-FILTRATION BASIN TO THE NORTH WEST OF THE SITE. THE NORTH WESTERN GRASSED AREA IS CONVEYED TO THE BIO-FILTRATION BASIN VIA A LANDSCAPED SWALE. THE BIO FILTRATION BASIN DRAINS TO AN EXISTING KERB INLET PIT IN SALAMANDER WAY.

THE WESTERN SITE AREAS ARE CONVEYED VIA TWO LANDSCAPED SWALES INTO A PIT AND PIPE NETWORK TO THE SOUTHERN INFILTRATION TRENCH. THE SOUTH WESTERLY CORNER OF THE SITE IS CONVEYED VIA SWALE TO THE EXISTING STORMWATER PIT AND THEN DISCHARGED INTO THE EXISTING STORMWATER NETWORK. THE SOUTH EASTERN CORNER OF THE SITE IS GRADED TOWARDS AN INLET PIT FOR THE INFILTRATION TRENCH. THE EMERGENCY OVERFLOW ROUTE FOLLOWS THE EXISTING DRAINAGE REGIME.

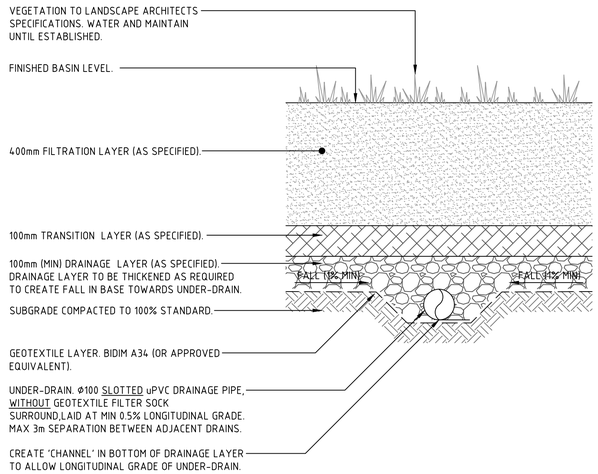
THE SOUTHERN AREA DRAINING TO THE INFILTRATION TRENCH WERE ASSUMED TO NOT NEED ANY WATER QUALITY MEASURES AS DISCUSSED WITH COUNCIL ENGINEER BRYN COTTERILL ON OCTOBER 1ST 2021. AS THE SOUTHERN INFILTRATION TRENCH IS DEEMED TO COMPLY SOLUTION FOR WATER QUALITY FOR COMPLETENESS THE INFILTRATION TRENCH WAS INCLUDED IN THE MUSIC MODEL TO PROVIDE THE RESULTS IN THE TABLE BELOW. HOWEVER THE MODEL WAS ALSO RUN WITH THE INFILTRATION TRENCH (AND CORRESPONDING CATCHMENT) REMOVED AND THE TREATMENT OBJECTIVES WERE SATISFIED.

THIS WATER TREATMENT NETWORK HAS BEEN MODELLED IN MUSIC AND MEETS THE STORMWATER TREATMENT OBJECTIVES OUTLINED IN THE PORT STEPHENS COUNCIL WATER SENSITIVE DEVELOPMENT STRATEGY GUIDELINES (PSWSDSG) FOR A DEFAULT CATCHMENT.

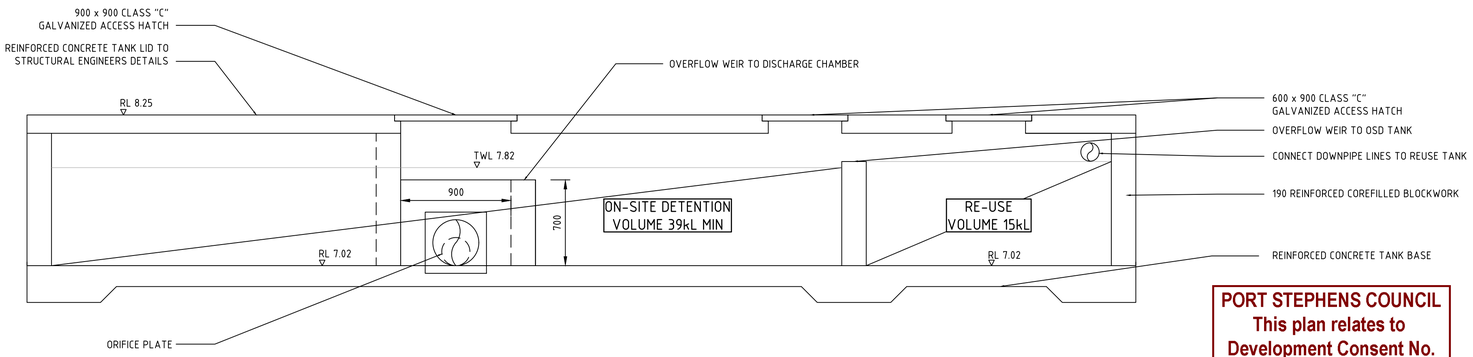
STORMWATER QUALITY RESULTS FROM MUSIC MODEL

	TREATMENT OBJECTIVES (%)	MODELLED TREATMENT RESULT (%)
SUSPENDED SOLIDS	80	92.100
TOTAL PHOSPHORUS	60	71.800
TOTAL NITROGEN	45	69.500

IT CAN BE SEEN IN THE ABOVE TABLE THE PROPOSED TREATMENT TRAIN WHEN MODELLED IN MUSIC USING A COMBINATION OF PROPRIETARY STORMWATER TREATMENT DEVICES WAS SUFFICIENT IN PROVIDING REMOVAL OF STORMWATER POLLUTANTS TO SUGGESTED REQUIREMENTS FROM PSWSDSG.



BIOFILTRATION SYSTEM TYPICAL SECTION



ON-SITE DETENTION AND RE-USE TANK

SECTION A C04.01
SCALE 1:25

PORT STEPHENS COUNCIL
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SCALE 1:10 @ A1 0.0 0.1 0.2 0.3 0.4 0.5m
SCALE 1:20 @ A1 0.0 0.2 0.4 0.6 0.8 1.0m

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PROJECT: **ST PHILLIP'S CHRISTIAN COLLEGE JUNIOR BUILDING**
182 SALAMANDER WAY SALAMANDER BAY, NSW, 2317

DRAWING TITLE: **DEVELOPMENT APPLICATION**
CIVIL DETAILS SHEET 1

JOB NUMBER: **NL211843**
DRAWING NUMBER: **DA-C09.01**
REVISION: **A**
DRAWING SHEET SIZE = A1