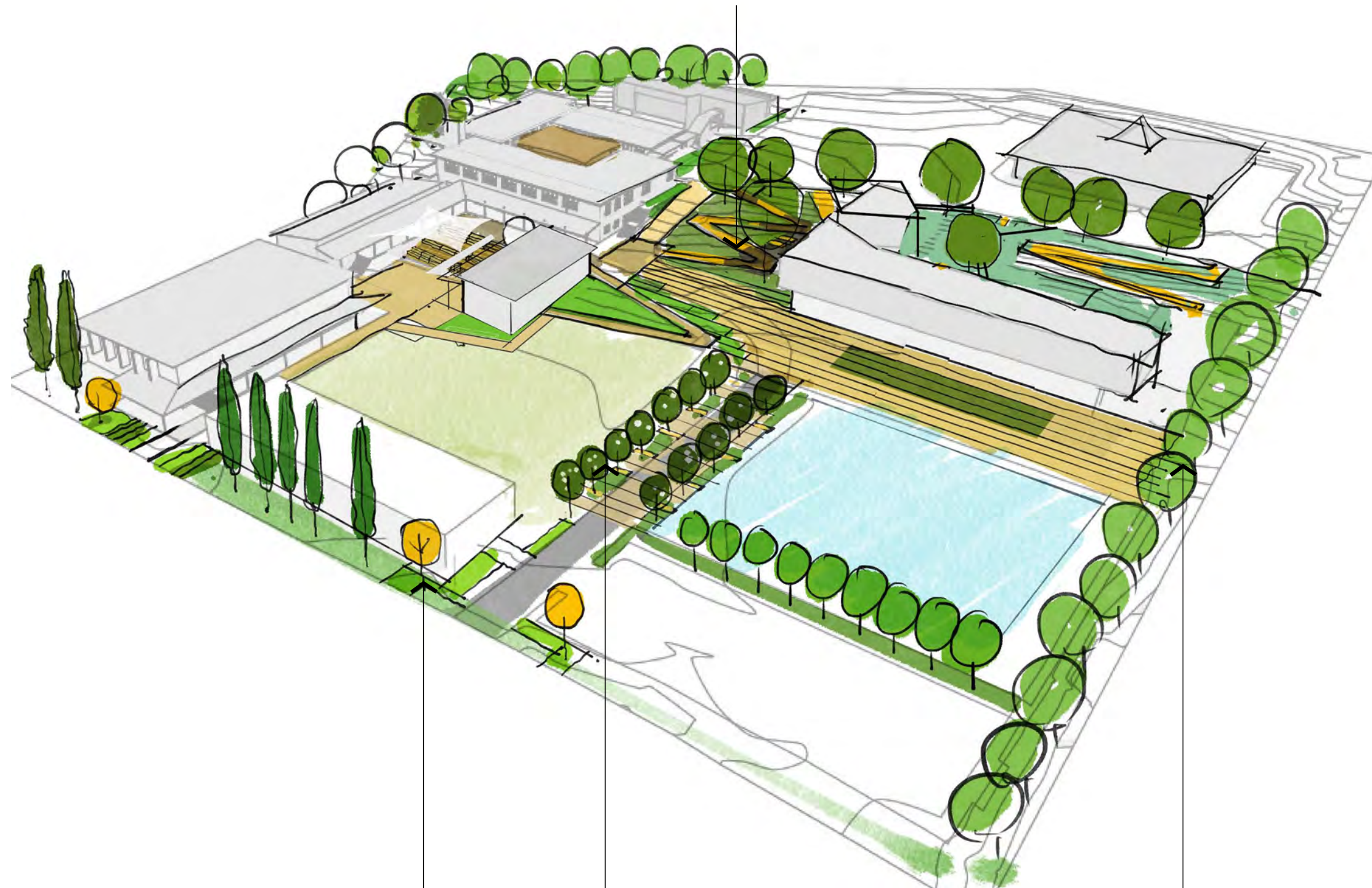




Landscape development application

Catholic Schools Office Maitland-Newcastle
St Michaels Nelson Bay rev I
12 Sproule Street, Nelson Bay

Pathway through
native mass planting bed



New Entry
statement

New tree
avenue as shared zone

Landscape buffer
to residence

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D	29/09/2020	ISSUE TO CLIENT
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REV	DATE	COMMENTS

PROJECT:
St Michaels Nelson Bay

DRAWING:
Landscape sketch

SITE:
12 Sproule St, Nelson bay

CLIENT:
**Catholic Schools Office
Maitland-Newcastle**

DRAWN: MA/AL DATE: 31/01/2022 SCALE:
JOB NUMBER: 13099.5 PHASE: DA L01 REV: 1



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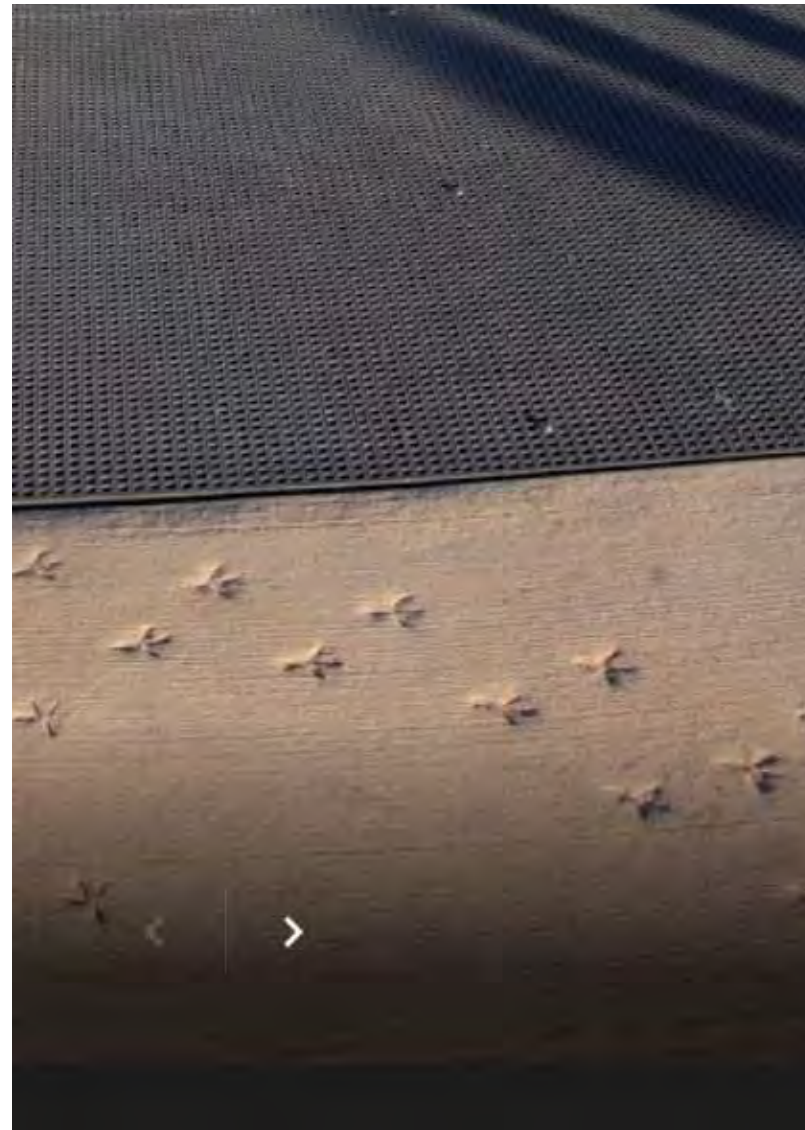
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concept sketches | 02

Concept images



Entry avenue trees



Pathway with perforated FRP deck in tree protection zone



Courtyard with outdoor classroom



Courtyard with outdoor classroom



Courtyard with outdoor classroom

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REV	DATE	COMMENTS

PROJECT:
St Michaels Nelson Bay

DRAWING:
Concept images

SITE:
12 Sproule St, Nelson bay

CLIENT:
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Maitland-Newcastle**

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concept sketches | 03

landscape layout

Screen and infill planting between classrooms and carpark to consist of Syzygium, Banksia, Westringia, Lomandra and Myoporum.

Amphitheatre seating with landscape around. Species to include Grevillea, Callistemon, Lomandra and Myoporum.

Landscape buffer to residences to include Melaleuca, Syzygium, Callistemon, Westringia.

New pavement with outdoor classroom and shade sail

Informal learning area & vegetable garden. Plant selection by school.

Sandstone seating & platforms

Sandstone block edge between play ground and paved court

Araucaria heterophylla to continue street trees



Screen planting to rear to consist of Syzygium and Banksia. Banding of plants to include Metrosideros, Grevillea, Westringia, Lomandra, Poa, Pennisetum.

Dicksonia in shade areas

Early education centre outdoor play area

Pathway through native mass planting bed

Landscape buffer to residences to include Elaeocarpus, Syzygium, Callistemon and infill smaller shrubs and grasses

Rangarden area.

Bioswale area for stormwater

Paved shared surface as congregation area

Pathway within turfed batter

New surface & marking to Basketball and multiplay area

New tree avenue (Lagerstroemia) with paved shared surface

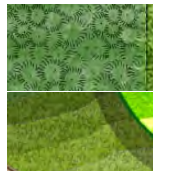
New tree line (Tristanopsis 'Luscious') between parking & basketball area

Existing trees to be retained.

New Entry statement



BIOSWALE TRENCH



NEW MASS PLANTING



NEW TREE PLANTING



NEW TURF



EXISTING TREES

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PROJECT:
St Michaels Nelson Bay

DRAWING:
Landscape plan

SITE:
12 Sproule St, Nelson bay

CLIENT:
**Catholic Schools Office
Maitland-Newcastle**

DRAWN: MA/AL DATE: 31/01/2022 SCALE:
JOB NUMBER: 13099.5 PHASE: DA L03 REV: I



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concept sketches | 04

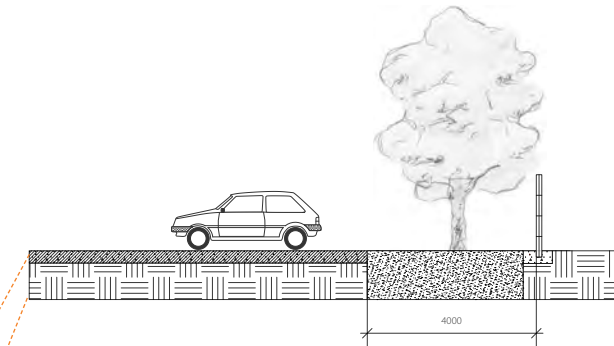
tree removal - retention plan

Note:

There are 19 trees to be removed and 38 new compensatory trees in this project which will not have impacts on the trees.

LEGEND

-  New Turf
-  Lowest Level Water Tolerant Planting
-  Stepped Level for Rush
-  New Massplanting
-  Native Grass Planting
-  Sandstone Block Retaining Wall
-  New Trees as Noted
-  1.8m High Colorbond Boundary Fence
-  1.8m High Colorbond Acoustic Fence
-  2.1m High Timber Boundary Fence
-  1.8m High Open Metal Palisade Fence
-  Fence Door
Refer Architects' Drawing



New trees in shade area
Dicksonia antarctica

Landscape buffer to residences
Melaleuca linarifolia

Mass Plantings
Gardenia augusta florida
Dietes iridioides
Westringia fruticosa
Myoporum parvifolium

New tree avenue
with paved shared surface
Lagerstroemia indica

New tree line between parking
& basketball area
Trisataniopsis laurina 'Luscious'

Continue Street Trees
Araucaria heterophylla

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REV	DATE	COMMENTS

PROJECT:
St Michaels Nelson Bay

DRAWING:
Tree removal retention plan

SITE:
12 Sproule St, Nelson bay

CLIENT:
**Catholic Schools Office
Maitland-Newcastle**

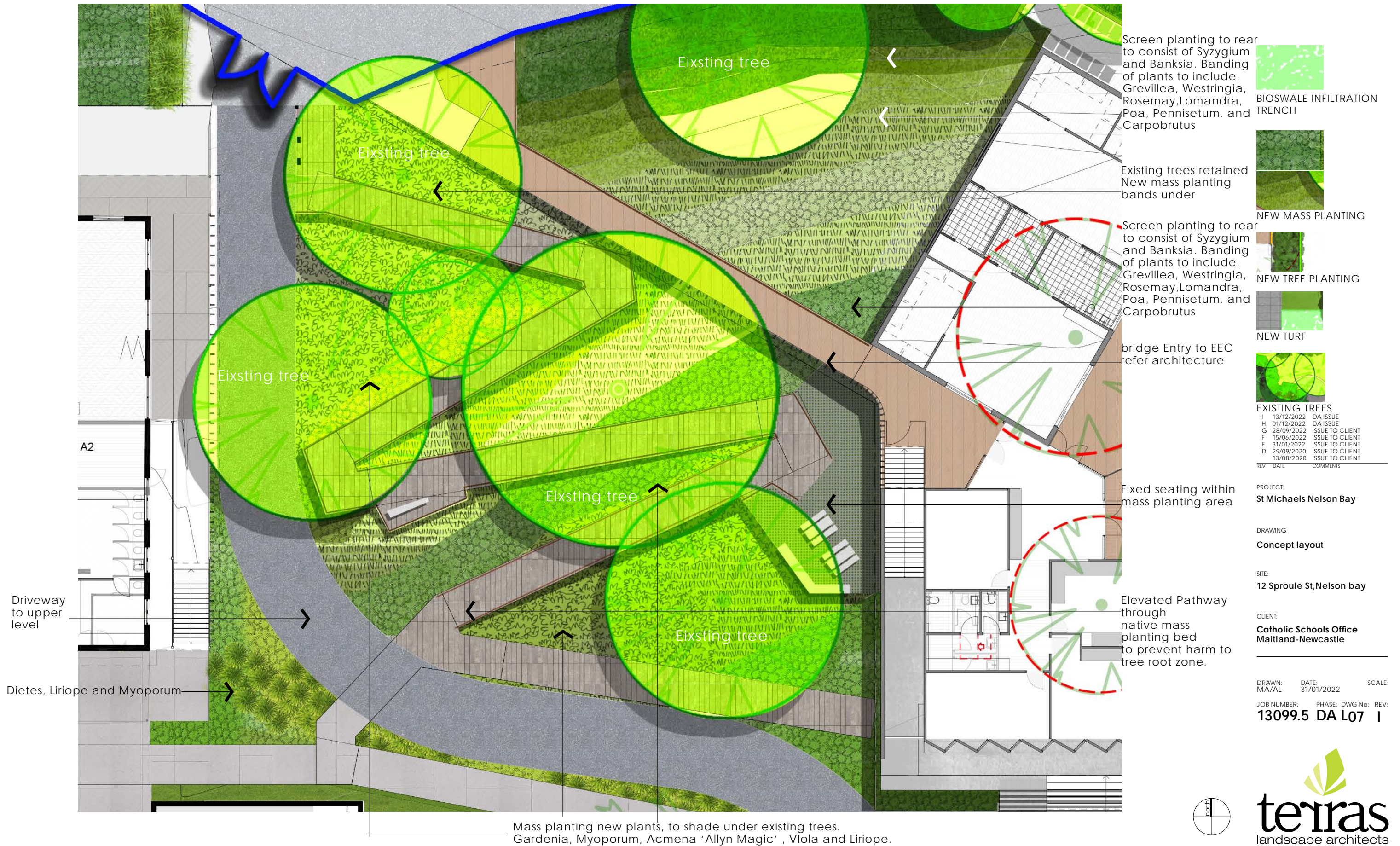
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concept sketches | 06
landscape layout: 2





concept sketches | 08

layout: courtyard area



NEW MASS PLANTING



NEW TREE PLANTING



NEW TURF



EXISTING TREES

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C	13/08/2020	ISSUE TO CLIENT

PROJECT:
St Michaels Nelson Bay

DRAWING:
Concept layout

SITE:
12 Sproule St, Nelson bay

CLIENT:
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Maitland-Newcastle**

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Melaleuca linariifolia planting to boundary in turf area to boundary

concept sketches | 09

layout:EEC

- ### NOTES
1. Emergency egress ramp to architectural documentation
 2. 900mm palisade fence
 3. 1500mm balustrade fence
 4. 2100 timber palisade fence
 5. Gate
 6. Timber swing frame with mulch fallzone
 7. Balancing / sitting log
 8. Stepping stones through sensory planting
 9. Sandstone log sandpit with shade sail over
 10. Storage shed under decking
 11. Sandstone retaining wall as required
 12. Timber stilts
 13. Bamboo tunnel
 14. Terraced sandstone logs for seating and play
 15. Mulch slope with timber balancing and play elements
 16. Timber cubby tower with mulch fallzone
 17. Mud pit with rock edge
 18. Mulch slope with timber and sandstone balancing and play elements
 19. Mass planting to lower level
 20. Water play
 21. Deck to architectural documentation



LEGEND

- 2100mm timber acoustic fence
- 1200mm fence
- 900mm fence
- Sandstone log
- Playground mulch
- Fallzone
- Mud pit
- Paths
- Log edge / step
- Water play
- Natural play elements
- Planting
- Sandstone log wall (SL)
- Steppers
- Decking
- Veggie garden
- Playground sand
- Artificial turf
- Shade sail

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PROJECT:
St Michael's Nelson Bay

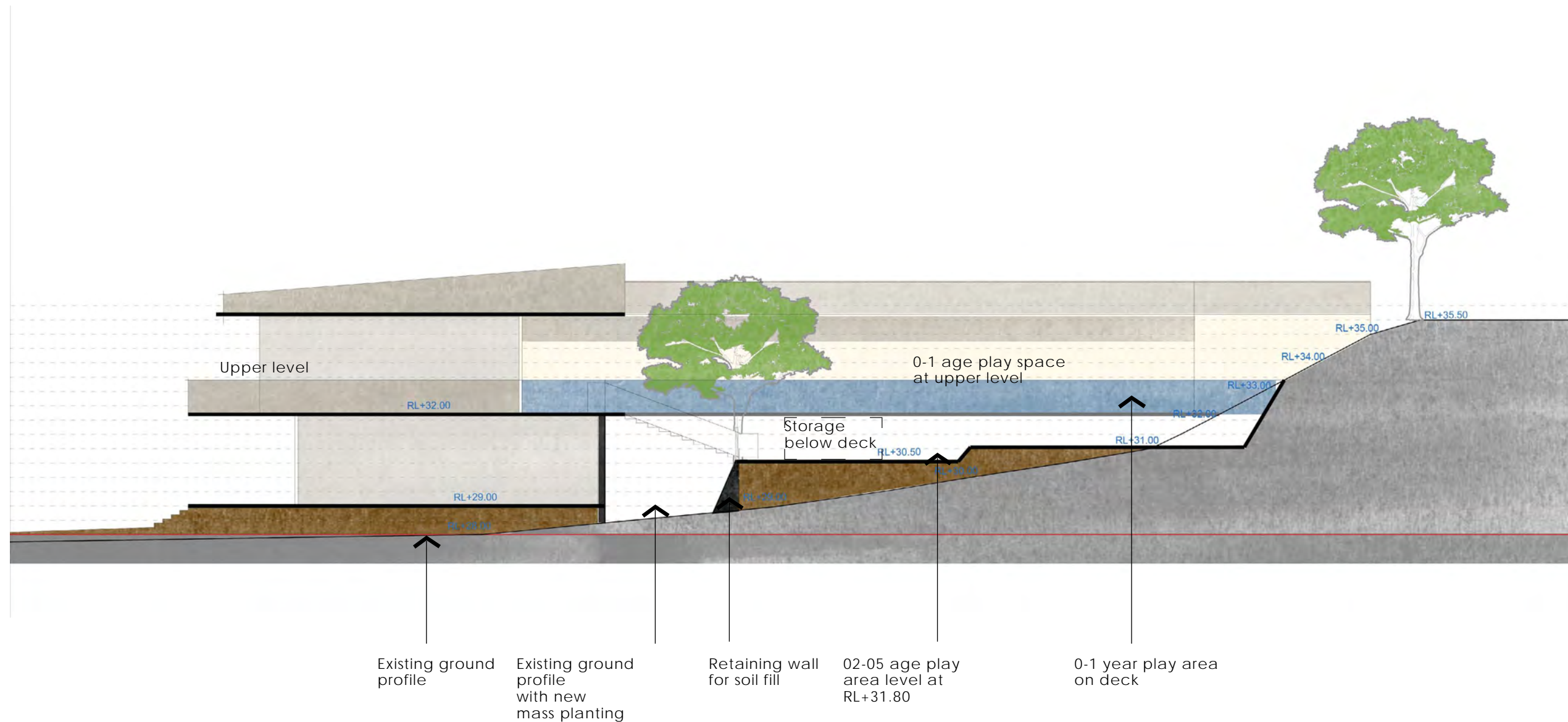
DRAWING:
Concept layout

SITE:
12 Sproule St, Nelson bay

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Maitland-Newcastle**

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REV	DATE	COMMENTS

PROJECT:
St Michaels Nelson Bay

DRAWING:
Concept section

SITE:
12 Sproule St, Nelson bay

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Maitland-Newcastle**

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Play area- wooden play



Play area- planks and rope course



Using sandstone steps to create platform



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Maitland-Newcastle**

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concept sketches | 12
section:EEC



Lagerstroemia indica



Araucaria heterophylla



Trisataniopsis laurina 'Luscious'



Dicksonia antarctica



Melaleuca linarifolia



Gardenia augusta florida



Dietes iridioides



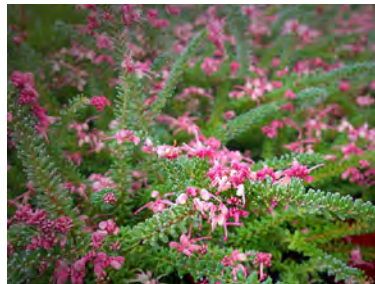
Westringia fruticosa



Liquidambar styraciflua



Acmena 'Allyn Magic'



Grevillea Lanigera 'Mount Tamboritha'



Banksia spinulosa 'Birthday Candles'



Myoporum parvifolium



Viola hederacea



Liriope muscari 'Isabella'



Lomandra longifolia



Thymus x citriodorus



Rosemarinus officinalis

Suggested Plant Schedule

Trees			
	Botanical Name	Common Name	Spacing
(A)	Araucaria heterophylla	Norfolk Island Pine	
(B)	Dicksonia antarctica	Tasmanian Tree Fern	
(C)	Elaeocarpus reticulatus	Blueberry Ash	
(D)	Lagerstroemia indica	Crepe-Myrtle	
(E)	Liquidambar styraciflua	Sweet Gum	
(F)	Melaleuca linarifolia	Snow In Summer	
(G)	Trisataniopsis laurina 'Luscious'	Water Gum	
Shrubs			
	Acmena 'Allyn Magic'	Dwarf Lilly Pilly	0.8m ctrs
	Banksia spinulosa 'Birthday Candles'	Birthday Candles Banksia	1m ctrs
	Callistemon .cvs	Bottlebrush	
	Dietes iridioides	Dietes	0.8m ctrs
	Gardenia augusta florida	Gardenia	1m ctrs
	Grevillea 'Moonlight'	Moonlight	3m ctrs
	Grevillea 'Peaches and Cream'	Peaches and Cream	2m ctrs
	Grevillea 'Robyn Gordon'	Robyn Gordon	1.5m ctrs
	Grevillea 'Mt Tamboritha'	Grevillea	1.5m ctrs
	Metrosideros 'Mini Christmas'	Dwarf NZ Christmas Bush	0.9m ctrs
	Metrosideros 'Tahiti'	Dwarf NZ Christmas Bush	0.9m ctrs
	Syzygium 'Resilience'	Resilience	1.5m ctrs
	Teucrium fruticans	Germander	1.2m ctrs
	Westringia fruticosa	Coastal Rosemary	1.2m ctrs
Grasses, Groundcovers and Herbs			
	Dichondra 'Silver Falls'	Silver Dichondra	1m ctrs
	Liriope muscari 'Isabella'	Isabella	0.3m ctrs
	Lomandra longifolia	Mat Rush	0.9m ctrs
	Lomandra 'Seascape'	Seascape	0.8m ctrs
	Lomandra 'Tanika'	Tanika	0.8m ctrs
	Myoporum parvifolium	Creeping Boobialla	1m ctrs
	Rosmarinus officinalis	Rosemary	0.8m ctrs
	Thymus x citriodorus	Lemon Thyme	0.5m ctrs
	Viola hederacea	Native Violet	0.3m ctrs
	Westringia 'Low Horizon'	Groundcover Coast Rosemary	1m ctrs
	Pennisetum alopecuroides	Swamp Fox Tail	0.8m ctrs
	Poa labillardierei	Tussock Grass	0.8m ctrs
	Carpobrotus glaucescens	Pigface	1m ctrs

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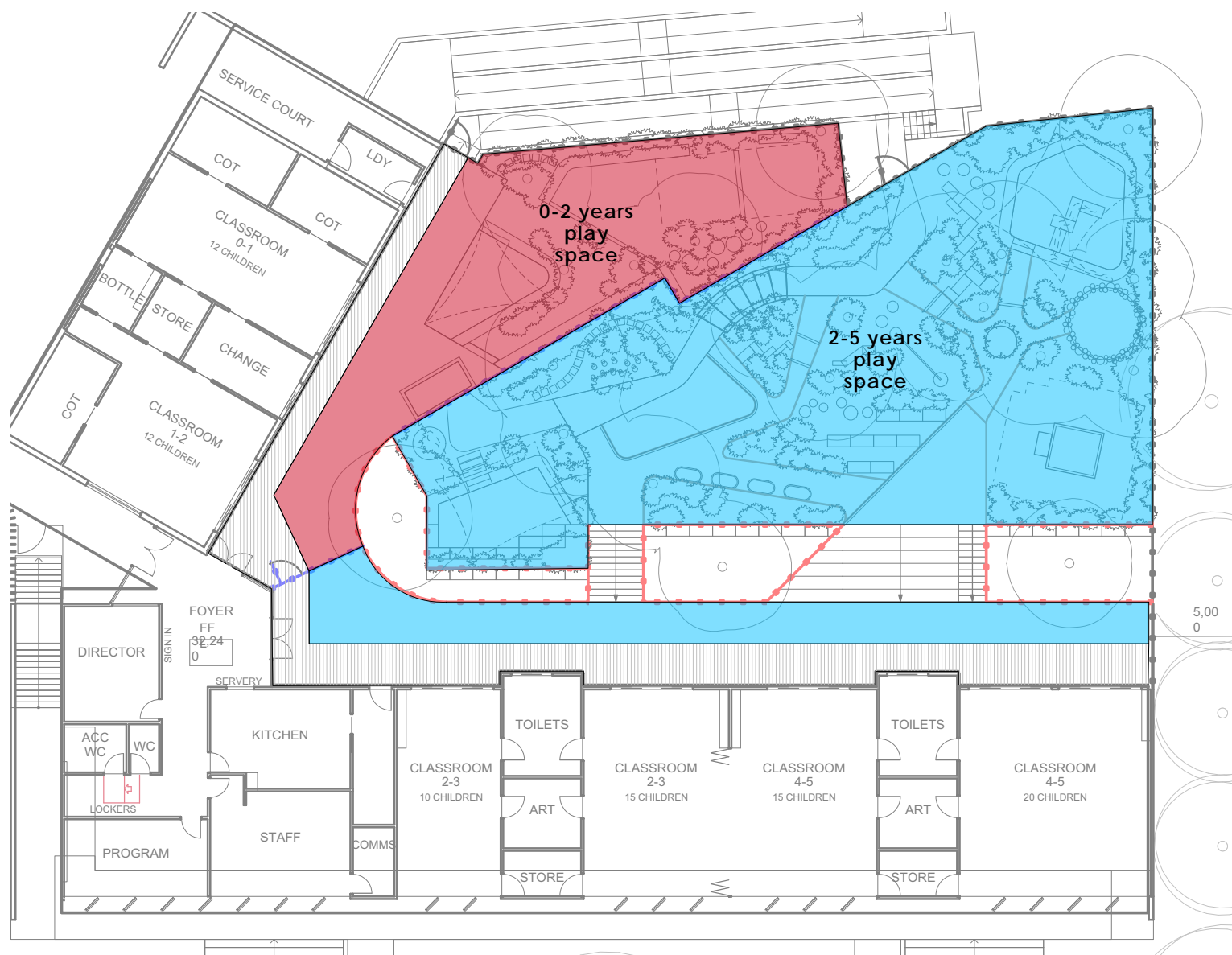
PROJECT:
St Michaels Nelson Bay

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SITE:
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Maitland-Newcastle

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Unencumbered play space areas			
AGE GROUP	NUMBER OF CHILDREN	AREA REQUIRED (7m² x #)	AREA PROVIDED
0 - 2 YEARS	24	168	168
2 - 5 YEARS	60	420	481
TOTAL	84	588	649

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PROJECT:
St Michaels Nelson Bay

DRAWING:
Landscape area

SITE:
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Maitland-Newcastle

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JOB NUMBER: 13099.5 PHASE: DA L13 REV: I