

Landscape plan 1:250 @ A1

0 1 2 3 4 5 10

Maintain existing boundary fence at ex. ground level

Stormwater treatment system. (Refer to separate consultants report)

Circular raised planter & seating bench

1600mm open metal palisade at top of wall

Multi-purpose playing court

Maintain ex. ground level to boundary here

Drainage pits to Stormwater Engineer's details

Rubble drain at boundary



Typical planting palette



Typical external use areas



Drawing schedule:

- Sheet 1: Landscape site plan
- Sheet 2: Detail plan
- Sheet 3: Planting plan
- Sheet 4: Details and notes
- Sheet 5: Elevations
- Sheet 6: Elevations

Amendments

B	13.9.24	Final coordination
A	31.7.24	Internal review



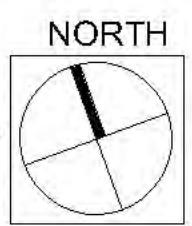
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Project: Design,
 Lot 1 Magpie Hollow
 Road South Bowenfels
 DWG: Landscape site plan

Date: 13.9.24 Scale: 1:250 @A1
 Job Ref: 2682/24

Builder must verify all dimensions of the site before work commences. Figured dimensions should be used in preference to those scaled off.

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[illegible]

All trees to be provided with written confirmation from the supplier for compliance to Natspec guidelines in compliance with A.S. 2003:2018. Planting schedule species to be sourced from local nurseries supplying plants of local provenance wherever possible.

Landscape contractor is to check plant numbers on plan against the schedule prior to submitting tender price. Contact landscape architect if any number discrepancies are found.

Council compliance controls require that any substitution of species variety or container size MUST be confirmed with landscape architect to ensure a compliance certificate can be issued that meets the specific development consent conditions of the approved development.

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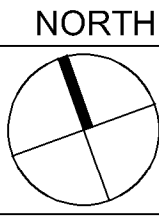
Project:	Design, Lot 1 Magpie Hollow Road South Bowenfels
DWG:	Planting plan & Schedules

Date: 13.9.24 Scale: 1:250 @A1

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Detail 1

Planter detail - section

Sawcut termination - Cast-in. Apply approved polyurethane sealant to reglet groove as per WP Consultant specification.

Root-resistant WP membrane is to be sealed to the drainage outlet & extend vertically to a height of 100mm above the soil or fill level.

Turn up geo-filter fabric

Pipe slotted for vertical drainage opening

Drainage outlet wrapped in geo-filter fabric

Washed coarse river sand 50mm. TBC

Waterproof render

Waterproof membrane & paint finish over poly-membrane. WP membrane as per WP Consultant specifications

100

50mm min. fill of backing to be placed in corners via cove or similar

Saw cut termination

20

1500mm (total)

Drained to Stormwater system

Bondbreaker at drain/concrete joint

Cast-in R/W. Refer to Stormwater documentation & Structural Eng. detail & specifications

WP membrane shall terminate into RWO outlet to comply with AS4554.2

Rein. concrete slab as per Structural Engineer detail & specifications. Slab to fall towards drainage outlets


Proprietary/ or fiber cement protection board

Nominated silver Travertine paver on adjustable plastic pedestals

Sheet membrane Ardex WPM1000. Installed in accordance with Manufacturers guidelines. For additional protection to the membrane, place round patches of Arax WPM1000 under adjustable pedestals. Waterproofing system to be flood tested for min 48 hrs

Detail 3

<h3>Detail 5</h3> <p>Turf over soil n.t.s</p>	PSLA 12

<h2 style="margin: 0;">Detail 7</h2> <p style="margin: 0;">Bank stabilisation detail n.t.s.</p>	PSLA 43
<div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <p>Planting located after installation of nylon netting.</p> <p>Nylon mulch netting staked at max 2000mm cts to cover all mulched planted areas on slopes 1 in 5 or steeper (as indicated on plan).</p> <p>Plastic stakes min. 200mm long at max 2000mm cts.</p> <p>Embankment covered with mulch & planting.</p> </div> </div>	

Detail 9	PSLA 20
Rubble drain	
<p>Centre of trench drain shall be centreline of swale</p> <p>Concrete strips both sides approx 150x150mm (where specified)</p>	<ul style="list-style-type: none"> Finished grade - 20-25mm washed stone 50mm sand base Filter fabric 50mm below finish grade - wrap all around drain and overlap 450mm at each joint Washed stone aggregate 15-20mm 2x perforated 100mm goxotole wrapped pvc pipe. Connect to junction pit as per plan. Connect to stormwater. Prepared subgrade

Metal Detail 2

Metal edging typical detail n.t.s	PSLA 18
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Formboss 100mm profile, 2mm galv. edging 5.5mm round top safety edge or approved equivalent. Install stakes & connectors to manufacturers specification.

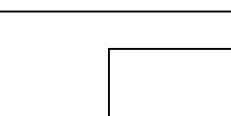
Turf as specified

75mm thick mulch

Top soil

Garden mix as specified

Stake as per manufactures Specification

<h2>Detail 4</h2> <h3>Soil preparation detail n.t.s.</h3>	<p>PSLA 8</p>
 <p>The diagram shows a cross-section of soil preparation. The top layer is 100mm thick and is hatched with diagonal lines. Below this is a 200mm deep layer of rip soil, indicated by a vertical line and a label '200'. The rip soil is shown as a series of vertical rips. A label '100' is next to the topsoil layer. A label 'Deep rip soil to 200mm depth.' points to the bottom of the rip soil layer.</p>	<p>Mix 150mm depth of topsoil with 50mm of A.N.L. 'Greenlife' compost or equivalent & rotary hoe in.</p> <p>Remove top layer of soil to allow for removal of contaminants and provide correct finish level after importing new soil, if required.</p>

<p>Detail 6</p> <p>Concrete retaining wall</p>	<p>PSLA 43</p>
	

Detail 8

Tree protection measure Type 2 n.t.s.	PSLA 2
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The diagram illustrates a cross-section of a tree and its protective measures. The tree has a trunk and a canopy. A fence, labeled '1800mm high cyclone mesh fence mounted on steel posts @ approx 1500 intervals', surrounds the tree. The fence is 1500mm high. The area inside the fence is labeled 'Primary Route Zone where possible'. The ground surface is covered with '100mm leaf litter mulch to 2000mm radius around tree to be kept moist with temporary sprinkler system during construction period'. The tree's roots are shown extending into the ground, which is depicted with a brick-like pattern.

<h1>Detail 10</h1> <h2>Synthetic turf over sand n.t.s</h2>	PSLA 57
<p>Install turfs as per manufacturers specifications. Joining tape as per manufacturers specifications</p> <p>Fall levels away from buildings – min. 1.5%</p>	<p>Install 6kg fine sand per m2 over finished turf post installation. Broom finish</p> <p>Synthetic grass matting ozul® (Ilusion XH40°)</p> <p>ozul® corn au. (or approved equivalent)</p> <p>Fix with galv. counter-sunk screw to manufacturers specifications</p> <p>Weed mat layer</p> <p>40mm crushed dust</p> <p>100x25 timber edging as per detail 3, this sheet</p> <p>100mm compacted road base of compacted sub-soil. Use vibrating compactor</p>

General installation notes

1. Site preparation

Any existing trees and vegetation to be retained shall be preserved and protected from damage of any sort during the execution of landscape work. In particular, root systems of existing plants must not be disturbed if possible. Any nearby site works should be carried out carefully using hand tools. To ensure the survival and growth of existing trees during landscaping works, protect by fencing or armoring where necessary. Trees shall not be removed or lopped unless specific written approval to do so is given or is indicated on plan. Storage of materials, mixing of materials, vehicle parking, disposal of liquids, machinery repairs and refueling, site office and sheds, and the lighting of fires shall not occur within three (3) metres of any existing trees. Do not stockpile soil, rubble or other debris cleared from the site, or building materials, within the dripline of existing trees. Vehicular access shall not be permitted within three (3) metres of any tree.

2. Soil preparation

All proposed planting areas to be deep ripped to 200mm (where possible) and clay soils to be treated with clay breaker. Apply at least 200mm depth good quality garden soil mix to all garden planting areas (OSD basin area). To comply with AS 4419 Turfed areas as noted on plans to be laid over 100mm min. good quality turf underlay with sand mix for free drainage. Turfed areas to be to be laid over 100mm good quality turf underlay (with 25% washed sand mix for free drainage) to be installed over Benedicts Smart Mix no.4 Lightweight Planter Mix (or approved equivalent) to approx. 300-400 mm. over drainage layer. See typical raised planter detail. To comply with AS 4454:1999 .

3. New plantings

No staking to plant material in raised planter areas to ensure no damage to waterproofing and drainage layers. Planting holes for plant material should be large enough in size to take root ball with additional space to take back filling of good quality planting mix. (Please note mature heights of planting as shown on planting schedule can vary due to site conditions, locations in constricted deep soil or over slab planters and so forth) Nominated heights for plantings in raised planters over slabs are nominated as less than their normal expected heights in acknowledgement of the contained soil environment. For other deep soil trees heights are subject to particular site conditions, and intended hedging or pruning for functional requirements such as available planting width, intended access under branches and solar access.

4. Raised planter soil installation methodology

All slab areas to be waterproofed and 'Atlantis' drainage cell installed with geotextile fabric or similar approved. Refer Engineer's details for ALL structural and installation details. All waterproofing as per Architects specification. All raised gardens to have the following soils:

- Benedicts Smart Mix no. 4 Lightweight Planter Mix (or approved equivalent) to minimum 400mm depth over Benedicts Smart Mix. No. 5 light weight base layer where raised planter depth are required for planters greater 700mm or greater. To comply with minimum 650mm soil depth as per condition # 22. To comply with AS 4419 and AS 3743
- All common area raised planters and over slab areas to have automatic dripline irrigation system. (see separate irrigation notes)
- Landscape contractor to install all planter box fill material and plant material after other site works are completed to ensure no deterioration of waterproof membrane behind external walls.

Note: Hold point requirements for raised planting over slab.

Confirmation of waterproofing with certificate by qualified installer that it meets the specified requirements.

Inspection of drains by the stormwater engineer prior to drainage and soil installation.

Landscape consultant to confirm correct soil and drainage layers have been installed

Landscape consultant to confirm that irrigation has been installed in all common areas
landscape areas (excluding drainage detention zone)

5. Mulching

All planting areas to be mulched with a minimum 75mm thick cover of recycled hard wood chip mulch and then all plant areas to be thoroughly soaked with water. To comply with AS 4454

6. Fertiliser

All planting areas to be fertilised with 9 month 'NPK' slow release fertiliser.

7. Staking

No staking in raised planters to avoid damaging waterproofing installation

8. Turfing

Turfed areas to be laid over 100mm good quality turf underlay (with sand mix for free drainage) to be installed over Benedicts Smart Mix no.4 Lightweight Planter Mix (or approved equivalent) to min 300 mm. to comply with condition # 22. See typical raised planter detail. To comply with AS 4454:1999 .

9. Structural and drainage

All structural details whatsoever to Structural and Civil Engineer's details. All site and raised planter drainage to Stormwater Engineer's details.

10. Maintenance regime

See separate maintenance notes on sheet 3

11. Final inspections

Final review and any variation as 'Works as executed plans' to be provided to the PCA prior to Occupation Certificate as per condition no. 79.

Amendments		
B	13.9.24	Final coordination
A	31.7.24	Internal review



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DWG:	Detail plan

Date: 13.9.24	Scale: 1:250 @A1	<div>4 of 6</div> <div>DA</div> <div>SSUE-B</div>
Job Ref: 2682/24		

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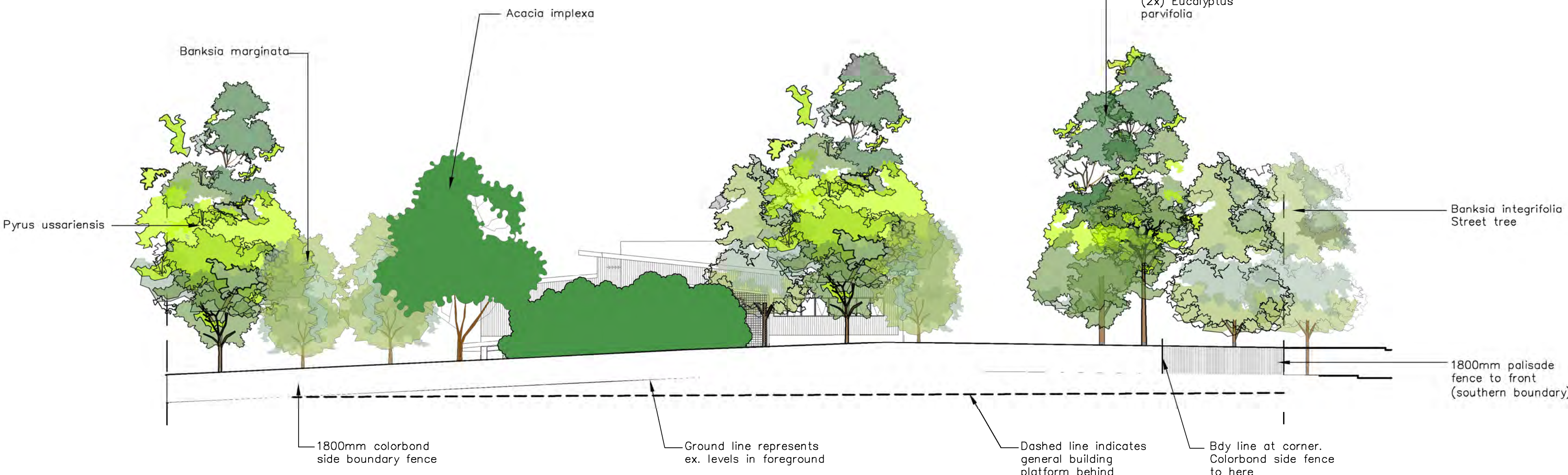
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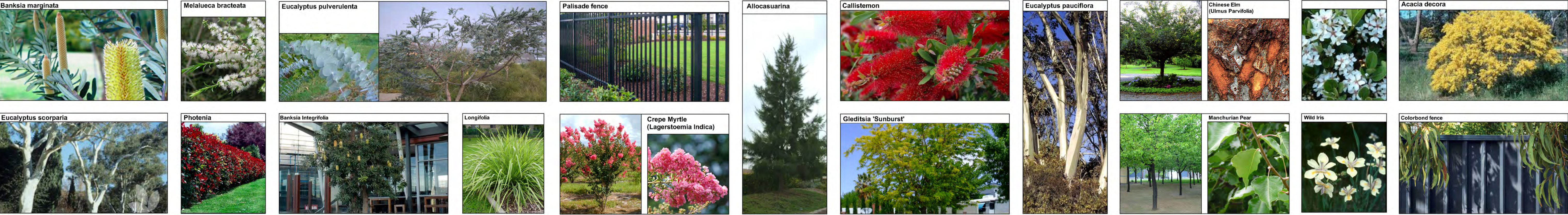
Southern Elevation 1 1:200 @ A1



Western Elevation 2 1:200 @ A1



Planting palette images



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Project: Deziqn,
Lot 1 Magpie Hollow
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DWG: South & western Elevations

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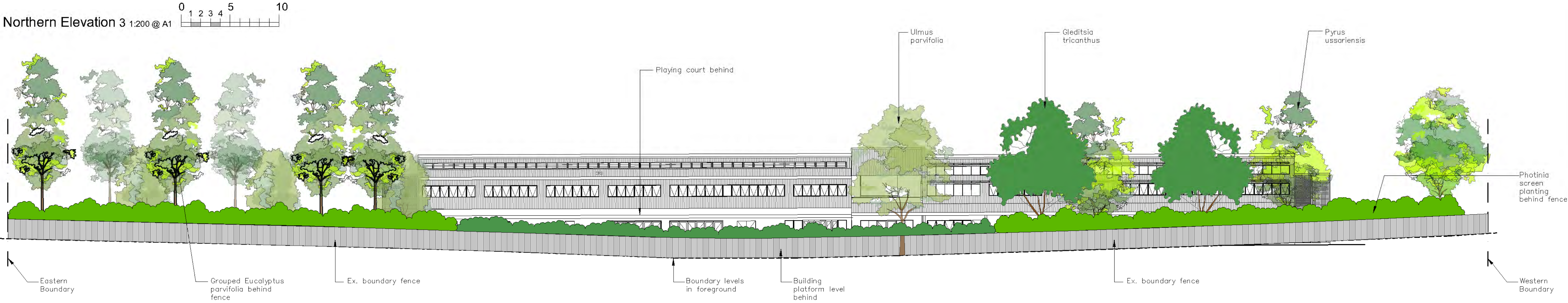
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NORTH

Northern Elevation 3 1:200 @ A1



East Elevation 4 1:200 @ A1



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Scale: 1:200 @A1

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NORTH