

Llantrisant Arboricultural Method Statement (Demolition)

Prepared by:	Tim Cousins CMLI
Date:	February 2025
Revision:	PL01
Project Number:	24-0030
Document References:	Method Statement the Llantrisant demolition.

ARBORICULTURAL METHOD STATEMENT

RECOMMENDATIONS FOR SUCCESSFUL TREE RETENTION IN THE CONTEXT OF DEVELOPMENT

Tree protection fencing is to be installed prior to any construction works taking place. This is to avoid damage to trees and preserve soil structure. The default BS5837 specification for fencing will be used and an indicative specification is provided below. The location of protection barriers is shown on the Tree Protection Plans LHP-epd-VES-ZZ-DR-V-0004

Any site offices, welfare units, and storage areas will respect the trees and their RPAs. These will be sited outside tree protection areas and their locations agreed onsite.

The fenced area will form a Construction Exclusion Zone and must remain undisturbed for the entire duration of construction. All site operatives will be made aware of the need to respect the fencing, and signage will be fixed to the fencing to ensure it is not moved.

No construction activity will take place within the fenced areas and fencing must not to be moved. Access required locally within the exclusion zone to be done without use of plant machinery and under the supervision of the consultant arboriculturist or the council Arboricultural Officer.

Service runs and installation of utility cables also need to respect trees and their RPAs. If any conflicts are highlighted, then the advice of either a consultant arboriculturist or the council Arboricultural Officer will be obtained.

Category U trees to be removed within the Construction Exclusion Zones will be done so by hand and use of a chainsaw. Works to be overseen by the arboricultural consultant. **(this will be done after the demolition works for the building)**

The following precautions will be observed when working near to the Construction Exclusion Zone:

No spoil, plant, machinery, construction materials or vehicles will track or be stored within the fenced area or leant against the fence panels;

No fuel, chemical or other contaminated liquids must be discharged in proximity to trees or where it may flow toward tree RPA;

Damage to fencing must be reported to the site manager and rectified as soon as possible. All fencing will be maintained so that it is fit for purpose.

Underground Utilities

Where utilities need to be brought onto the site, these should be routed away from the RPAs of retained trees. Where this is not possible, methodologies on the installation of underground services without damage to tree roots should be considered.

All service providers should be consulted prior to commencement of works with the aim of minimising the number of service runs on the site. Any foreseeable incursions to RPAs should be communicated to the appointed arboricultural consultant and the LPA at the earliest possible time to prevent breach of planning conditions and damage to retained trees.

Tree Protection Plan, Temporary Protective Fencing Specification and Construction Appendix are listed below

This includes a Tree Protection Plan showing the tree protection fencing and Construction Exclusion Zones (CEZ's). A Temporary Protective Fencing Specification and Tree Protection Index which specifies the type of fencing

TEMPORARY PROTECTIVE FENCING SPECIFICATION

Construction Exclusion Zones (CEZ's), enclosed by temporary protective fencing, as detailed on the TPP and to be agreed with the local planning authority (LPA), shall:

- be retained in place throughout the development process, as detailed in bs5837:2012 ;
- be sited in the area(s) defined by the root protection areas or, if applicable, the CEZ, as detailed on the TPP;
- be erected prior to any construction, demolition or excavation works and remain in place for the duration of the project;
- preclude any delivery of site accommodation and/or materials and/or plant machinery;
- exclude all construction related activity, with the sole exception of specified arboricultural works and any other works to be carried out under supervision that have been agreed by all parties including the LPA; and
- exclude the storage of all development related materials and substances associated with the works.

TEMPORARY PROTECTIVE FENCING CONSTRUCTION

The construction of the temporary protective fencing will be in accordance with BS 5837: 2012 and will comprise:

In soft ground

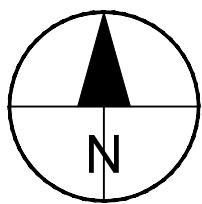
- weld mesh panel fencing;
- the panels shall butt together and be securely fixed to a scaffold framework;
- the scaffold framework shall comprise of upright poles of at least 3.0 m in length driven no less than 0.6 m into the ground at maximum 3.0 m centres with horizontal and diagonal poles fixed to the uprights;
- the two horizontal rail poles shall be attached to the uprights at heights of 0.6 and 1.8 m with 3 no. clamps to each joint; and
- the diagonal scaffold pole struts be clamped to the top rail of the scaffold framework at a 45° angle and extend back into the CEZ and clamped to a 0.7 m length of scaffold tube that shall be driven no less than 0.5 m into the ground;

On hard ground

- weld mesh panel fencing;
- the panels shall be mounted on rubber blocks or concrete base plates;
- the panels shall butt together and be securely fixed with fencing couplers;
- fencing to be braced with additional support structures like backstays to prevent movement; and
- Penales to remain elevated above the hard surface to protect the tree roots below.

General

- all weather signage outlining the status of the CEZ should be securely fixed to the fencing;
- the fencing is to be inspected at regular intervals during construction;
- the fencing shall not be fixed to any tree or structure and is only to be constructed as per points 1 to 5 above; and
- Also see the diagram on the Tree Protection Plan drawing LHP-epd-VES-ZZ-DR-V-0004.



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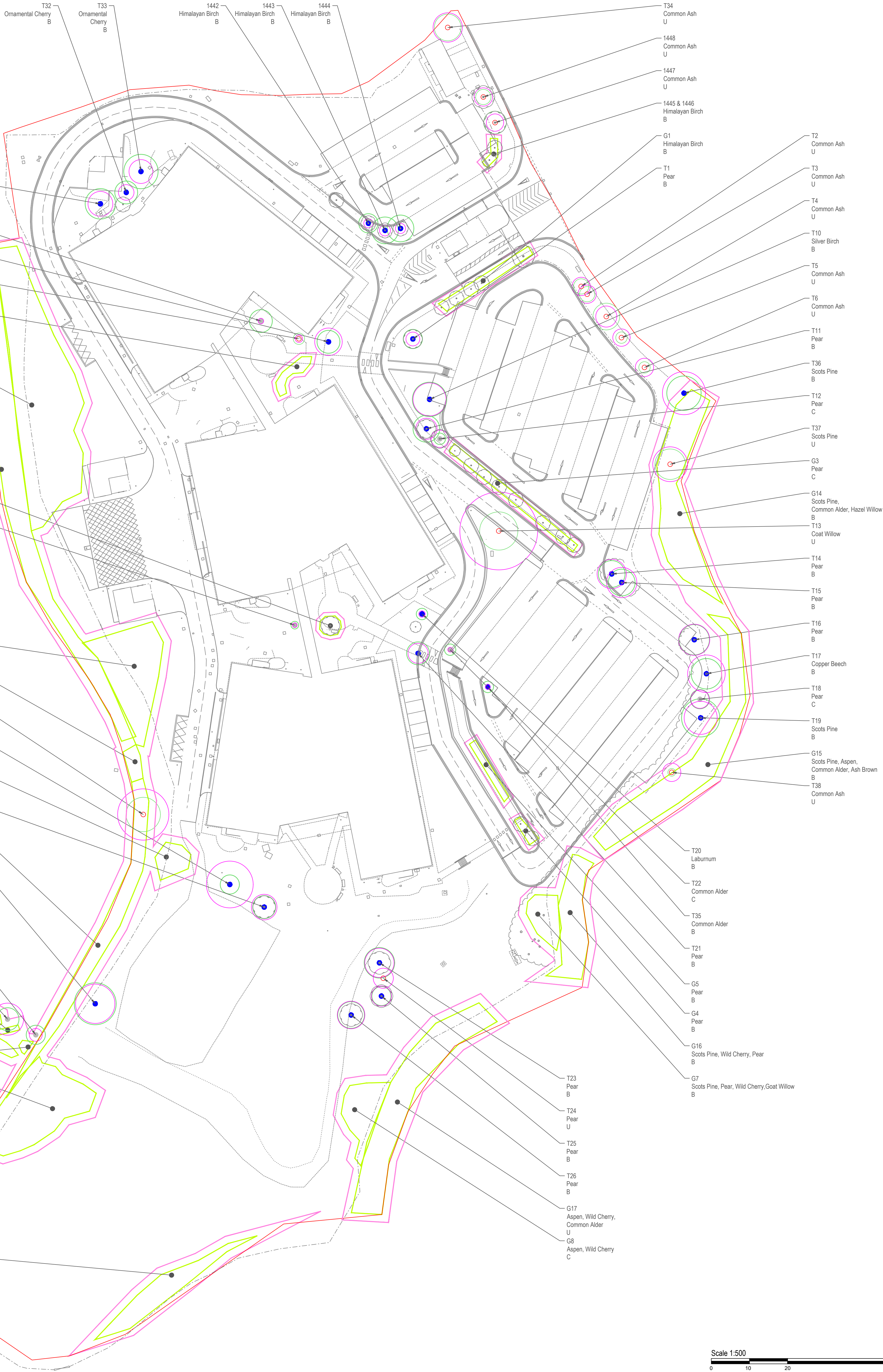
- KEY**
- Trees
 - Tree Groups
 - Root Protection Areas (RPA)
 - Category A
 - Category B
 - Category C
 - Category U

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Rev	Drawn	Checked	App'd	Description	Date
Purpose of Issue					
S2 - Issue for Information					
Classification					
Commercial in Confidence					

Client	Client Name
Project	ILantrisant Health Park
Drawing	Tree Constraint Plan

Scale at A1 1:500	Drawn YC	Checked TC	Approved TC
Project No. 24-0030			Date 2024-07-23
Drawing Identifier Project - Originator - Asset - Location - File Type - Role - Number LHP-epd-VES-ZZ-DR-V-0001			Revision PL01
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KEY

-  Trees
-  Tree Groups
-  Road Protection Areas (RPA)
-  Category A
-  Category B
-  Category C
-  Category U









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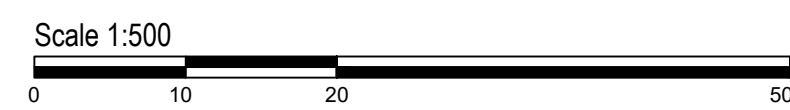
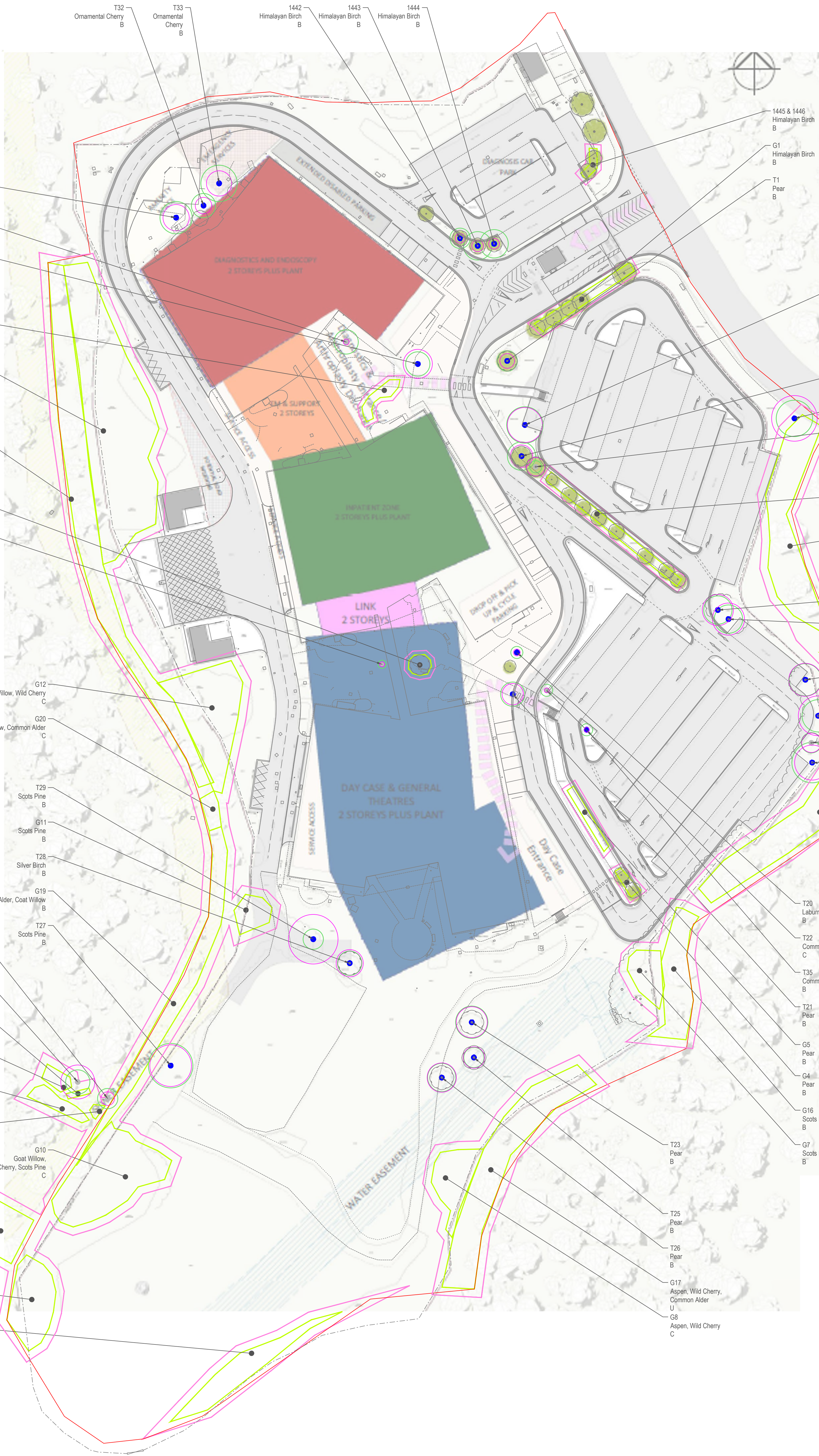


KEY

	Trees		Category C
	Tree Groups		Category U
	Trees Removed		
	Tree Groups Removed		
	Root Protection Areas (RPA)		
	Category A		
	Category B		

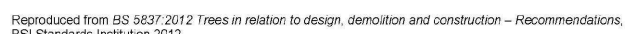
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			Client Name		1:500		YC		TC		TC	
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Rev	Drawn	Chkd	Appd	Description		Date		Project				
Purpose of Issue								Drawing Identifier				
S2 - Issue for Information								Project: Originator - Asset - Location - File Type - Role - Number LHP-epd-VES-ZZ-DR-V-0002				
Revision								PL01				
Classification								Drawing				
Commercial in Confidence								Tree Removal Plan				
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