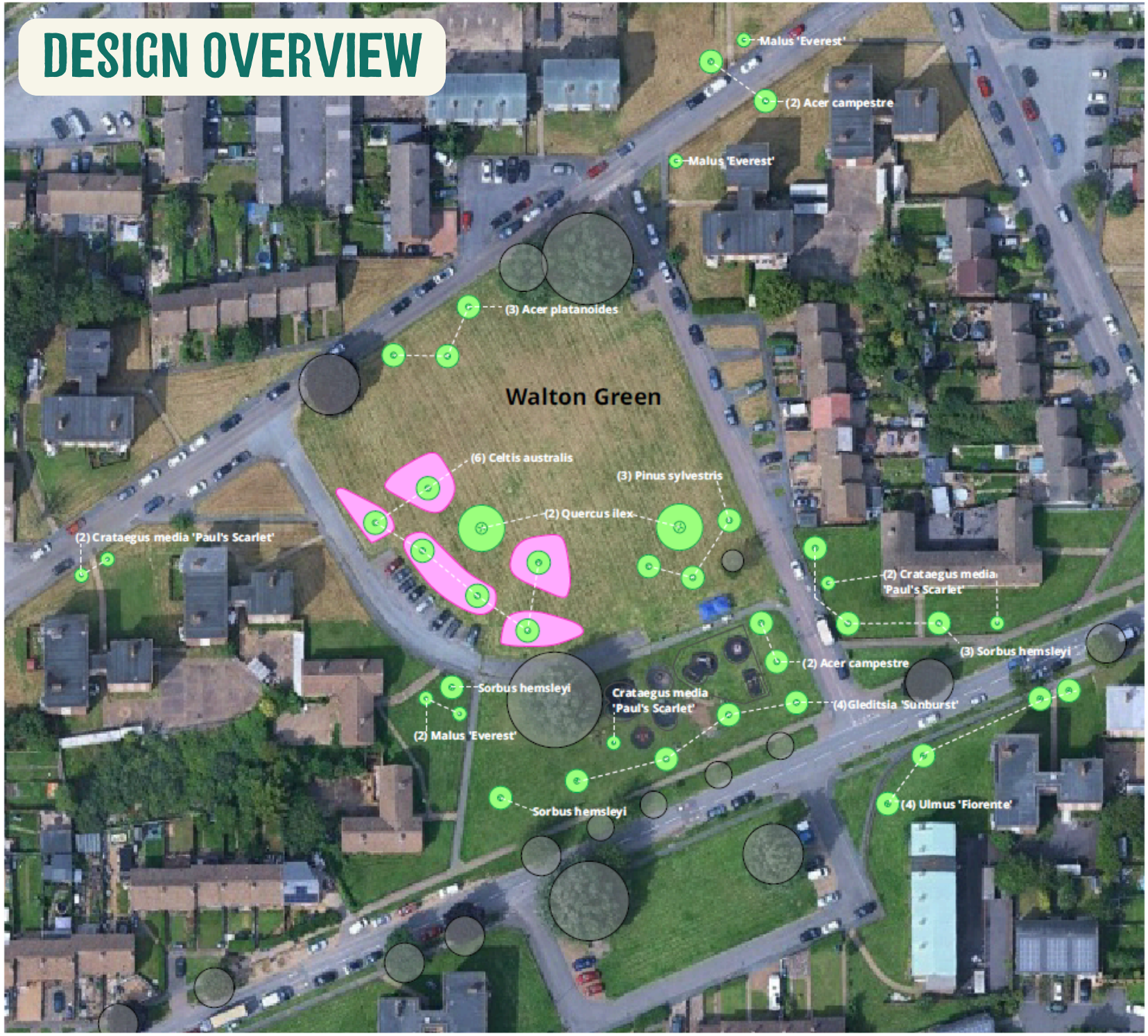
DESIGN OVERVIEW



Key:

New Tree
40 total, min. 7m spacing between trees
7m from any building

Existing Trees on Site

Copse woodland bubbles with small a standard tree at the centre
650m² total, 0.65m spacing
1000 total whips
Design with 5m wide mowing route and species selected to retain a low shrub coverage, and retain visibility.

Standard tree species name	*Common name*	# of	Nursery size	Size at maturity
Quercus ilex	Holm oak	2	10-12cm	big
Pinus sylvestris	Pine	3	45L 1.0-1.5m	big
Acer platanoides 'Deborah'	Norway maple	3	45L 10-12cm	big
Acer campestre	Field maple	4	45L 10-12cm	medium
Ulmus 'Fiorente'	Ulmus 'Fiorente'	4	45L 10-12cm	medium
Celtis australis	European hackberry	6	45L 8-10cm	medium
Gleditsia 'Sunburst'	Honey locust tree	4	45L 10-12cm	medium
Sorbus hemsleyi	Hemsley's whitebeam	5	45L 10-12cm	medium
Malus 'Everest'	Crab apple	4	45L 8-10cm	small
Crataegus media 'Paul's Scarlet'	Hawthorn 'Pauls Scarlet'	5	45L 8-10cm	small
TOTAL		40		

Qty	Whip species name	Common name
210	*Crataegus monogyna*	Hawthorn
90	*Cytisus scoparius*	Common broom
90	*Rhamnus cathartica*	Buckthorn
120	*Euonymus europaeus*	Spindle
170	*Ligustrum vulgare*	Wild privet
160	*Rosa canina*	Dog Rose
30	*Berberis darwinii*	Darwin Barbary - cell
130	*Viburnum lantana*	Wayfaring tree
1000		

Revision:	Date:	Description:	Drawn by:	Checked by:
A	03/08/26	Design issue	GW	AD
B	06/08/26	Design revision	GW	AD
C	05/10/26	Layout revision	GW	AD

TREES FOR CITIES
Registered Charity Number 1083116
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Kennington Park
Kennington Park Place
London
SE11 4AS
Tel: 0207 840 5954
Email: info@treesforcities.org

Project: **UF106 New Addington, Croydon**

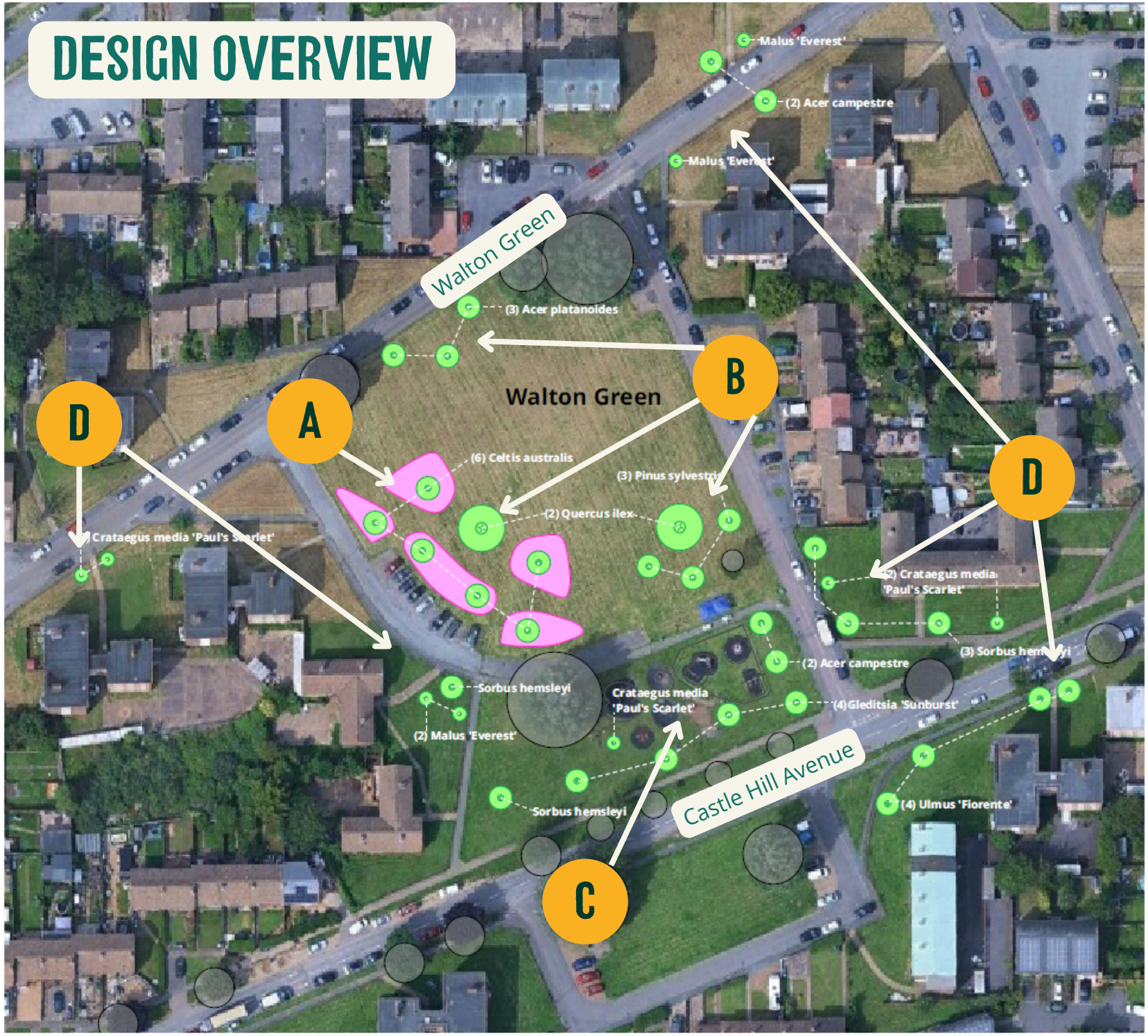
Drawing title: **Walton Green**
General Arrangement

Scale & Sheet size: **1:1000 @ A3**

0 10 20 30 40 50m

Drawing number: **UF106/01** Rev.C Date: **11/07/2026**

DESIGN OVERVIEW



You can find more detail about each area marked A, B, C and D on the following pages.

More about the species are on pages 5 and 6.

A

Woodland ‘bubbles’

These bubbles have been suggested to create new **shapes, textures and layers** to the open space.

They will also **support wildlife, absorb CO2, help to reduce air pollution**, and provide **year-round beauty**.

With a **medium-sized tree in the centre** of each bubble, these areas will mostly be planted with **whip species** (small trees 0.5m tall, 1-2 years old).

The whips will grow to be more shrub-like, creating **low screening** which will still keep **clear sight lines** across the space.

Each bubble would be spaced **5 metres apart** so that maintenance and watering can be carried out.

Example sketch of future view from north west corner



Example of woodland ‘bubble’ two years after planting



B

Statement trees

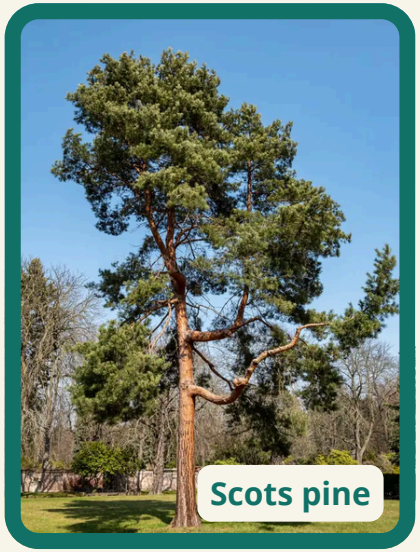
We are suggesting planting **eight trees that will grow to be the biggest in the space.** The trees will be much smaller when newly planted. Trees take many years to grow and can grow very differently depending on local environmental conditions.

Additional **heat adaptation** is also a priority for the park, and these trees will create **shade** and **cooler**, more **comfortable spaces** to spend time in hot, dry summers.

The **Holm oak** and **Scots pine** have **dense, evergreen canopies** which stay colourful during winter when other trees lose their leaves. The **Norway maple** has bright autumn colours. They all provide **important protection for wildlife**.


Holm oak


Norway maple in autumn


Scots pine

C

Children's play area

Shade is also important near **high use spaces** like the children's play area.

The trees we suggest planting here - the **Field maple** and **Honey locust tree** - would grow to be **medium sized**, with **interesting leaf shapes** and **bright seasonal colours**.


Field maple in autumn


Honey locust tree

D

Estate green verges

Shade and cooling has also been considered near footpaths on the edges of **Walton Green Estate** and **Castle Hill Avenue Estate**.

We have suggested smaller and medium sized trees like **Wild Service tree**, **Crab apple** and **Hawthorn**.

All trees will be planted at least **7 metres from any building**, so that their root systems do not spread under housing.


Hawthorn in spring

TREE SPECIES LIST - STANDARDS

Tree species	Number of trees	Size at maturity	Evergreen leaves	Great for wildlife	Seasonal colours	Great for shade
Holm oak - *Quercus ilex*	2	Big				
Scots pine - *Pinus sylvestris*	3	Big				
Norway maple - *Acer platanoides 'Deborah'*	3	Big				
Field maple - *Acer campestre*	4	Medium				
Elm - *Ulmus 'Fiorente'*	4	Medium				
European hackberry - *Celtis australis*	6	Medium				
Honey locust tree - *Gleditsia 'Sunburst'*	4	Medium				
Hemsley's Whitebeam - *Sorbus hemslayi*	5	Medium				
Crab apple - *Malus 'Evereste'*	4	Small				
Hawthorn - *Crataegus Media 'Pauls Scarlet'*	5	Small				

Standard trees are at least 1.8m tall and 8-12 years old when planted. All of these tree species are suggested because they are climate resilient, and can tolerate the dry soil and wind exposure of the green spaces.

TREE SPECIES LIST - WHIPS FOR WOODLAND BUBBLES

Tree species	Evergreen leaves	Great for wildlife	Seasonal colours
Common broom - *Cytisus scoparius*	■	■	■
Dog Rose - *Rosa Canina*		■	■
Buckthorn - *Rhamnus Cathartica*		■	■
Hawthorn - *Crataegus monogyna*		■	■
Darwin's Barberry - *Berberis Darwinii*	■	■	■
Spindle - *Euonymous europaeus*		■	■
Wayfaring tree - *Viburnum lantana*		■	■
Wild privet - *Ligustrum vulgare*	■	■	

Whips are around 0.5m and 1-2 years old when planted. We will plant 1000 of these whips in total, with an equal mix of all species.
All of these tree species are suggested because they are climate resilient, and can tolerate the dry soil and wind exposure of the green spaces.