



LANDSCAPE & PUBLIC REALM

Information for planning

ROYAL HEIGHTS, READING

C0084 REP001 [REV P1]
16.04.19

LANDSCAPE PROPOSAL

Cameo and Partners have been requested by Allies Group to review the landscape proposal for Clarendon House in Reading. We have provided a new landscape proposal which puts emphasis on better integration of the car park requirements within the courtyard. The car park is permeable arrangement of block paving and Grassguard type paving, which softens the area in conjunction with a planted pergola over the car park spaces. Access has been revised to provide part M compliant routes to all entrances, with a possibility for pedestrian routes along all blocks.

A set of new landscape drawings has been produced in line with the revised proposal.

- Legend:**
1. Screen Planting to Car Park
 2. Granite Block Paving
 3. Reflecting Pool
 4. Concrete Bench
 5. Porcelain Paving
 6. Hedges
 7. Terraces
 8. Planting



Landscape proposal issued in 2018.



Revised landscape proposal - Cameo and Partners.

REFERENCE TO CONDITION 10.

Cameo and Partners have prepared a planting specification and planting plans to support discharge of condition 10.

Landscape specification: C0084 SP001

Landscape Maintenance and Management Plan: C0084 SP002

REFERENCE TO CONDITION 11.

A set of new landscape drawings has been produced in line with the revised proposal.

C0084 L100 - Landscape General Arrangement Plan

C0084 L200 - Landscape Hardworks Plan

C0084 L300 - Landscape Planting Plan

C0084 L600 - Landscape Levels and Drainage Plan

ECOLOGICAL ENHANCEMENT

REFERENCE TO CONDITION 28.

The scheme presents numerous opportunities to deliver ecological enhancements for the benefit of local people and biodiversity.

Some of these opportunities are:

- Green and brown roofs
- Native planting
- Shelter for birds, bats
- Insect hotels

The next pages provide a summary of the planting approach and the species proposed for the development. The focus has been placed on creating an all year round planting interest, with the use of native species where possible. The planting proposal provides an ecological enhancement for the currently unattractive site.



In addition the Architects have produced information regarding green/ brown roofs and locations, types and numbers of bird, bat boxes and insect hotels. For exact numbers, types and locations of bird / bat boxes and insect hotels please refer to Architect's drawing number 27-621_2.

Bat Boxes

Position - all bat houses should be mounted at ideally 12-20 feet above ground or on the roof; sunny location on east or south, ideally receiving 6-8 hours direct sunlight; if only partial day sun is available than morning sun is preferable,

Dimensions - they should be at least 61cm tall, min 36cm wide chamber and min of 8-15cm landing area, and

Number - it is recommended two small per acre coverage or one large bat house to cover up to two acres.

Birds Boxes

Position - avoid placing them facing south west and where is full sun during the mid of the day; for those reason is often recommended on north side of trees; however common sense should prevail if the side is sheltered or shaded; The entrance hole should usually face north-east to south-east to avoid strong sunshine and the wettest winds but this is not always necessary if the site is sheltered from the wind; the height depends on the species you want to attract but in general they should be above head height. These should ideally be location at lower level around the site perhaps on the mews house terraces etc.

Size - (H x W x D): 22cm x 11.5cm x 11.5cm, and

Number - general rule is to place two houses per acre of the site area.

Insects Boxes

Position - warm, sheltered and dry place, preferably in a position where they will catch morning sun. Near vegetation, wood piles or ponds will maximise the chance the box to be colonised,

Size - 26cm x W: 11cm x H: 37cm

Number - general rule is to place two boxes per acre of the site area.

For exact numbers, types and locations of bird / bat boxes and insect hotels please refer to Architect's drawing number 27-621_2.



Images are for illustrative purposes only and not final products.

SEASONAL INTEREST IN THE PLANTING SCHEME

The key principles of Cameo's design is providing a planting pallet suitable for different conditions, light demands locations etc.

WINTER & EARLY SPRING INTEREST:

- Early flowering bulbs
- Shrubs with winter and early spring flowering period
- Evergreens & shrubs with colourful or textured branches

SPRING INTEREST

- Early flowering shrubs and bulbs provide colour and food source for bees, butterflies between March and May.
- Spring flowering bulbs

SUMMER INTEREST

This season is about the perennials and ornamental grasses.

AUTUMN INTEREST

When we think of fall colour, trees probably come to mind first. But there are many fall shrubs that give even the best fall foliage.



SEASONAL INTEREST IN THE PLANTING SCHEME

These images show the variation in planting aesthetic through the seasons.

The rich variety of flowers and tree species will provide seasonally changing environment for visitors to the mall to enjoy.

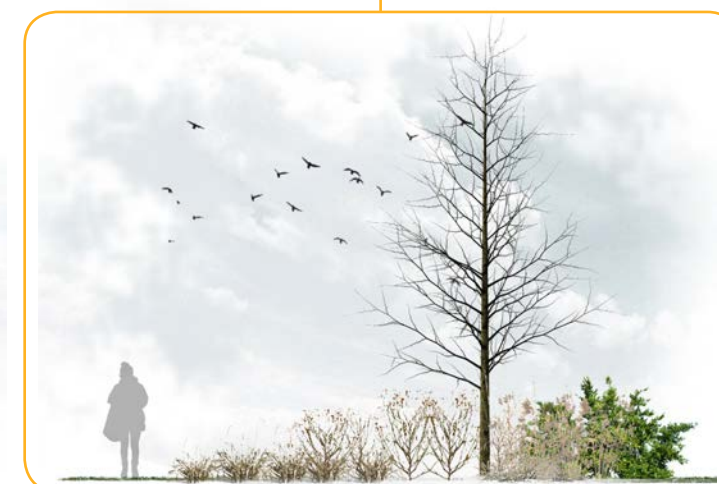


SPRING

SUMMER

AUTUMN

WINTER



PLANTING PALETTE - TREES

A selection of native trees has been proposed for the development in order to enhance the local biodiversity.

The adjacent plan identifies the types and locations and the next page provides specification details of the tree species.



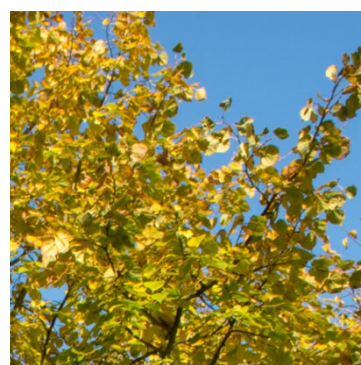
PLANTING PALETTE - TREES



● Liquidambar styraciflua 'Worplesdon' (TT1)
Mature feature tree. Height: 3.5-4m. Girth: 30cm min.



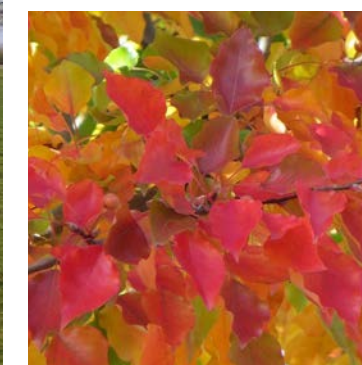
● Prunus avium 'Plena' (TT2)
Mature multi-stem tree. Height: 3.5-4m.



● Tilia cordata pleached (TT3)
Mature topiary tree. Height: 3.5m with 2m clear stem. Girth: 25cm min.



● Tilia cordata flat top topiary (TT4)
Mature topiary tree. Height: 3.5m with 3m clear stem. Girth: 25cm min.



● Pyrus calleryana 'Chanticleer' column topiary (TT5)
Semi-mature tree. Height: 2.5-3m, feathered.

PLANTING PALETTE - SHRUBS

A selection of native shrubs has been proposed for the development in order to enhance the local biodiversity.

The adjacent plan identifies the types and locations and the next page provides specification details of the shrub species. Drawing C0084 L300 provides information regarding densities and numbers.



PLANTING PALETTE - SHRUBS

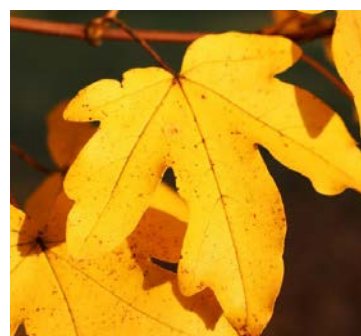
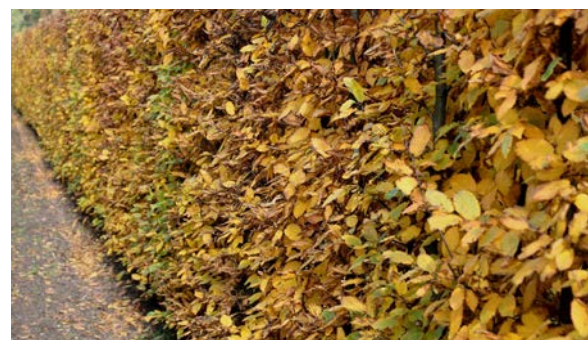
HEDGES



Crataegus monogyna - Hawthorn *
Ready hedge product, 60cm wide, 110cm high pregrown hedge.



Carpinus betulus - Hornbeam*
Ready hedge product, 30cm wide, 130cm high pregrown hedge.



Acer campestre - Field maple *
90cm high hedge.



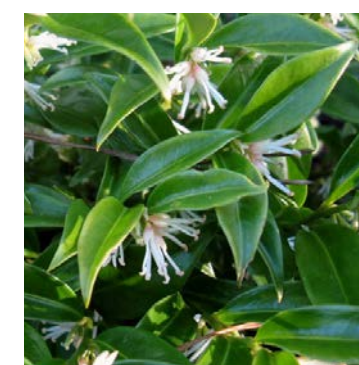
Chaenomeles speciosa 'Scarlet Storm' - Japanese quince



Cornus sanguinea 'Winterflame' - Dogwood



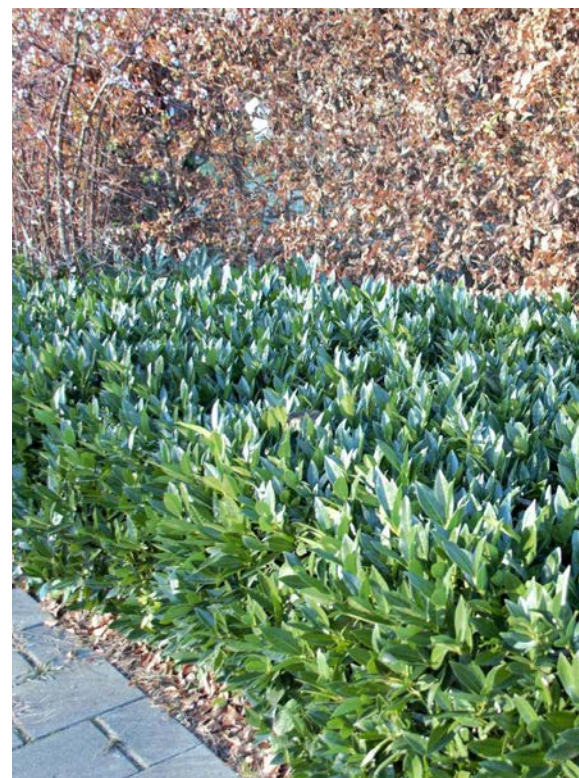
Sarcococca confusa - Sweet box



PLANTING PALETTE - SHRUBS



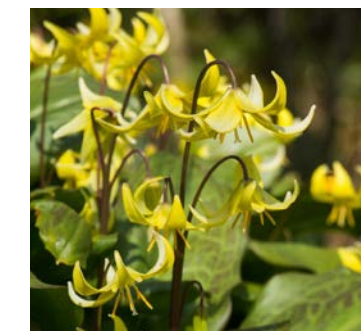
Aucuba japonica 'Rozannie' - Japanese laurel



Prunus laurocerasus 'Otto Luyken' - Cherry laurel



BULBS



Erythronium 'Pagoda' - dog's tooth violet



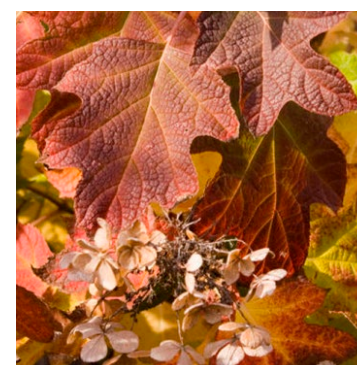
Galanthus nivalis - snowdrop



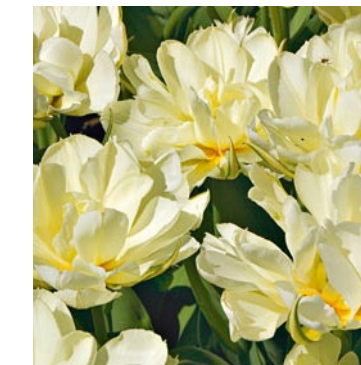
Choisya ternata - Mexican orange



Hydrangea quercifolia - Oakleaf hydrangea



Narcissus 'Thalia' - daffodil



Tulipa 'Exotic Emperor' - tulip

