Planting Design Software for Autodesk® Revit®

Dedicated planting design application
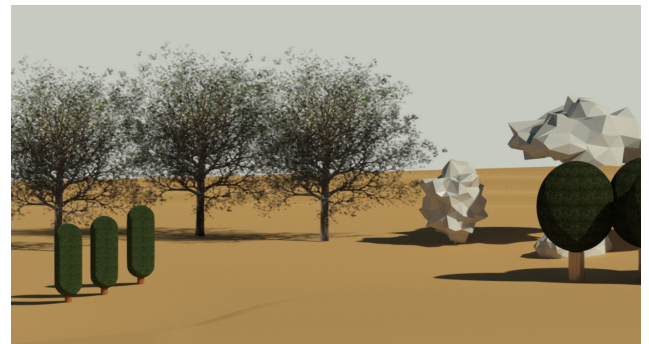to run with Autodesk Revit

TRANSOFT SOLUTIONS

KEYSCAPE
RT

With KeySCAPE RT, you can smoothly create, modify, and schedule your planting design proposals within Autodesk® Revit®. KeySCAPE RT offers all the tools you need to create design projects, from concept to detailed plan, while also utilising standard Revit features, allowing you to create planting features from existing Revit objects, such as families and floors. With KeySCAPE RT's efficient design process, you can respond quickly to client requests, build credibility, and win more business.

Benefits

Create planting designs seamlessly within Revit

Access KeySCAPE RT's extensive database of more than 9500 plants, or import your own plant lists. Easily draw multiple planting areas, hedges, and grass areas and assign specifications from the database to planting, based on single species, standard mixes, and multiple density mixes.

Boost productivity with KeySCAPE RT's time-saving features

While working on your design, you can swiftly switch between simplified or detailed representations for each object. It's also easy to define and apply defaults for a project, and to update all instances of a species specification, planting densities, and mix definitions with the Specification Manager.

Create compelling presentations of your plans

With KeySCAPE RT, you can plan in 2D and simultaneously display the results in full-colour 3D. Set your preferred level of detail for objects (including RPC, third-party, or your own families), and then use KeySCAPE's innovative features, such as the ability to simulate plant growth over time, to add further value to your design.

Features

Use intuitive tools to plan your design

KeySCAPE RT's Softworks ribbon follows a typical planting design workflow from concept to detailed design. Insert plant material as individual specimens, hedges, planting beds, and grass areas—and view plans in 2D, 3D, or elevation.

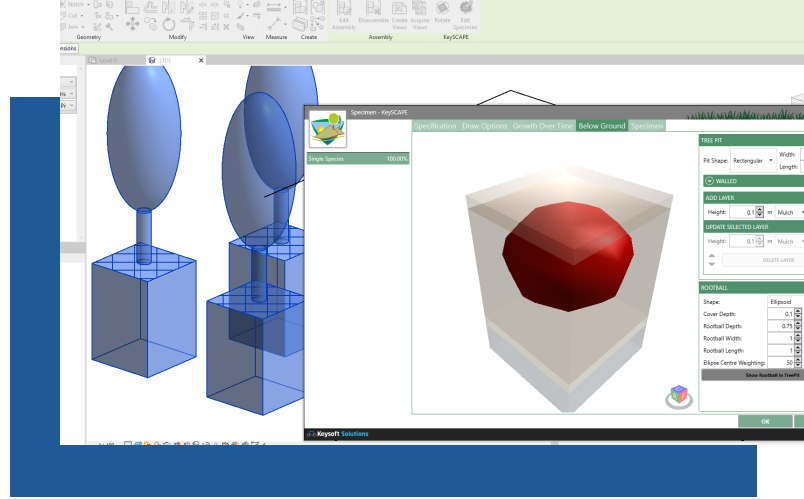## Define rootballs and tree pits

KeySCAPE RT allows you to define the rootball size and shape for individual plants or to set a below ground depth to generally represent the rootball zone below planting beds, hedges, and grass areas. For Specimens, you can also include a tree pit with a walled frame and define layers of in-fill.

Simulate plant growth over time

When using the KeySCAPE RT specific families and extruded visual representations, you can simulate growth over time—from planted specification height and spread to mature height and spread—to determine the impact of your proposals for any number of years after planting. Define a set height and spread to simulate maintenance.

Control the level of graphic detail

KeySCAPE RT allows you to set the level of detail on an object-by-object basis so you can control the visual display, and easily switch between simplified or detailed representations for each object. For example, you can represent a site's planting using high detailed families in the foreground, simplified families in the midground, and extruded planting, draped over the surface, in the background.

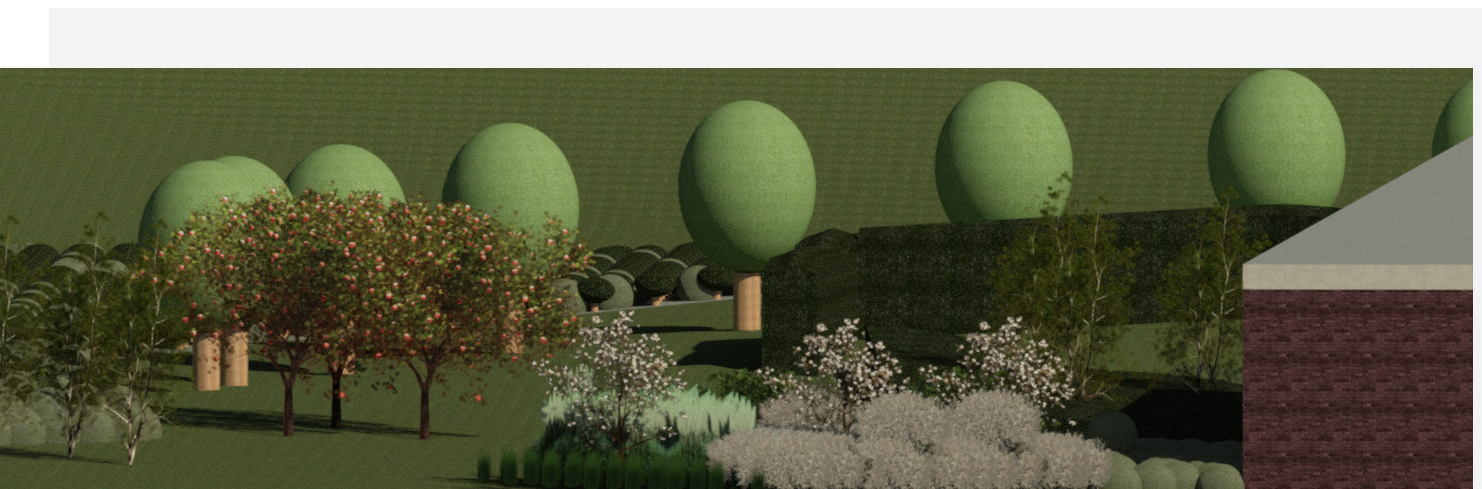## Customise your data and specifications

KeySCAPE RT's customisable database allows you to create your proprietary specifications—such as preferred plant palettes particular to your company—that you can share with others on your team. With the Project Setup feature, you can also define default settings and preferred annotation styles for a current project, thereby ensuring everyone working on the project can deliver consistent content that complies with your practice or project standards.

Easily update species specifications and densities

Quickly respond to changing project requirements and plant substitutions using KeySCAPE RT's Specification Manager. This feature allows you to make global updates to all instances of a species specification, planting densities, and mix definitions used in a project.

Collaborate with KeySCAPE in AutoCAD

KeySCAPE RT allows cross-platform collaboration with KeySCAPE for AutoCAD. Share the same database to ensure you are working from the same plant palette and export planting plans from KeySCAPE (for AutoCAD) into KeySCAPE RT—it will convert your 2D drawing to equivalent 3D planting features in Revit. KeySCAPE RT allows you to continue to modify, add new content and issue your final model as a Revit project.

① **Plan**
1 : 200

⑤ 1 : 500

16No Acer cappadocicum 'Aureum'

Canopy (100%)
65No Cotoneaster salicifolius
Underplanted with (100%)
19No Hydrangea serrata 'Blue Bird' 30%
19No Ligustrum japonicum 30%
26No Viburnum plicatum 'Summer Snowflake' 40%

123No Salvia officinalis 'Icterina'
113No Juniperus chinensis 'Blue Point'
118No Bergenia cordifolia
87No Chaenomeles x superba 'Crimson & Gold'

29No Berberis julianae
26No Cornus alba 'Sibirica'

61No Cotoneaster x suecicus 'Coral Beauty'
31No Choisya 'Aztec Pearl'_
43No Euonymus fortunei 'Emerald 'n' Gold'
49No Cotoneaster x suecicus 'Coral Beauty'
3No Prunus avium 'Plena'

H1
117No Crataegus monogyna 60%
39No Acer campestre 20%
9No Viburnum opulus 5%
9No Rosa canina 5%
9No Ligustrum vulgare 5%
9No Ilex aquifolium 5%

22No Cotoneaster x suecicus 'Coral Beauty'
11No Amelanchier canadensis_
31No Euonymus fortunei 'Emerald 'n' Gold'

66No Cotoneaster x suecicus 'Coral Beauty'
51No Choisya 'Aztec Pearl'_
26No Amelanchier canadensis_
26No Euonymus fortunei 'Emerald 'n' Gold'
79No Ceanothus thyrsiflorus repens

26No Aucuba japonica
8No Cornus alba 'Elegantissima'
37No Ceanothus thyrsiflorus repens
92No Cotoneaster x suecicus 'Coral Beauty'

38No Cornus alba 'Sibirica'_
117No Buddleja davidii 'Nanho Blue'
61No Ceanothus thyrsiflorus repens
3No Sorbus aucuparia
65No Cotoneaster x suecicus 'Coral Beauty'
2No Prunus avium 'Plena'

3No Sorbus aucuparia

131No Betula pendula 8%
32No Betula pubescens 2%
16No Carpinus betulus 1%
8No Castanea sativa 0.5%
427No Corylus avellana 26%
98No Crataegus monogyna 6%
16No Fagus sylvatica 1%
98No Fraxinus excelsior 6%
49No Ilex aquifolium 3%
8No Malus sylvestris 0.5%
8No Populus tremula 0.5%
16No Prunus avium 1%
32No Quercus petraea 2%
625No Quercus robur 38%
8No Rosa arvensis 0.5%
8No Rosa canina 0.5%
16No Sambucus nigra 1%
16No Sorbus aucuparia 1%
8No Taxus baccata 0.5%
16No Tilia cordata 1%

H1
103No Crataegus monogyna 60%
34No Acer campestre 20%
8No Viburnum opulus 5%
8No Rosa canina 5%
8No Ligustrum vulgare 5%
8No Ilex aquifolium 5%

② **SW View**