

The diagram illustrates a cross-section of a tree pit installation. At the top, a tree canopy is shown. A vertical line represents the tree trunk, with a label 'Trees species / specification as planting schedule' pointing to it. A horizontal line indicates the 'Position of rootball at correct level (nursery line). Slightly proud of surrounding ground levels'. Below this, a 'Stake driven 300mm below bottom of perforated ground' is shown. The pit is filled with '200mm clear washed stone to be included as necessary. 40mm single sized washed stone, no fines - each pit to be inspected following excavation to assess soil conditions and need for positive drainage pipework'. The subgrade is 'perforate to 200mm'. Dimensions include a 75mm diameter for the tree trunk, a 70mm wide band of fine material, a 400mm diameter for the rootball, a 600mm depth for the stone layer, and a 1000mm width for the pit. A 'Strimmer guard fitted to base of trunk where trees fall within grassed areas' is also indicated.

NOTE:
Root Barriers to be installed alongside services trench works.

If tree pit is within 3000mm of underground services or kerbs - GreenBlue Urban ReRoot 600 for kerb protection and ReRoot 1000 for services or similar and approved

to be within top of stake

75mm dia

band of fine width 70mm

250

700

400

Varies

600

900

200

200

1000

Trees species / specification as planting schedule

Strimmer guard fitted to base of trunk where trees fall within grassed areas

Position of rootball at correct level (nursery line). Slightly proud of surrounding ground levels

Stake driven 300mm below bottom of perforated ground

200mm clear washed stone to be included as necessary. 40mm single sized washed stone, no fines - each pit to be inspected following excavation to assess soil conditions and need for positive drainage pipework

Subgrade - perforate to 200mm

DD Plot Planting Plant Guide:

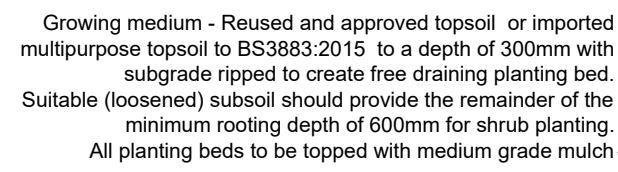
(High, Medium, Low)

The mix of plants for each plot has been divided based on height and position within the border.

Plants in the low category should be planted in the front of the bed, plants in the medium category in the mid area and the high category in the rear area against blank walls or in the middle of any island beds.

Where space allow plants should be planted in same species groups in odd numbers to create bold drifts of planting.

Refer to DD planting plans and schedules for planting bed matrices.



The diagram illustrates a cross-section of a tree pit installation. At the top, a tree trunk is shown being secured by a band of fine hose or webbing around a central stake. The stake is labeled as FSC approved timber, 75mm diameter, and the fixing is to be within 50mm of the top of the stake. The trees species / specification are noted as per the planting schedule.

The pit itself is 1000mm wide at the base. It features a 500mm wide organic mulch layer at the top. A Green Blue Urban ROOTRAIN Metro irrigation system (or similar approved) is installed, consisting of a riser pipe and a lateral cap slightly above the mulch level. A strimmer guard is fitted to the base of the trunk where trees fall within grassed areas.

The rootball is positioned at the correct level (nursery line), slightly proud of the surrounding ground levels. The stake is driven 300mm below the bottom of the perforated ground. The pit is filled with 600mm free-draining imported subsoil or horticultural grit, depending on the porosity of the soil type. A 200mm clear washed stone layer is included as necessary, along with 40mm single sized washed stone, no fines - each pit to be inspected following excavation to assess soil conditions and need for positive drainage pipework.

The subgrade is perforated to 200mm. The total height of the pit is 900mm, with a 200mm section at the bottom. The distance from the top of the mulch to the top of the rootball varies.

NOTE:
Root Barriers to be installed alongside services trench works.

If tree pit is within 3000mm of underground services or kerbs - GreenBlue Urban ReRoot 600 for kerb protection and ReRoot 1000 for services or similar and approved

Growing medium - Re-used and approved topsoil or imported multipurpose topsoil to BS3883:2015 to a depth of 300mm with subgrade ripped to create free draining planting bed. Suitable (loosened) subsoil should provide the remainder of the minimum rooting depth of 600mm for shrub planting. All planting beds to be topped with medium grade mulch

NOTES:

1. This drawing is to be read in conjunction with all relevant contract drawings and specifications with any conflicting information to be brought to the attention of Deacon Design before works commence on site.
2. Do not scale from this drawing, (except for planning application purposes only) always work to noted dimensions.
3. All given dimensions in mm.

Trees & Hedge Plantings							
No.	Species Name	Common Name	Specification	Density	Girth	Pot Size	Height
2 No.	<i>Carpinus betulus</i> 'Lucas'		Heavy Standard / Clear Stem 175-200 / RB	Counted 12-14cm		3.5-4.0	
2 No.	<i>Fagus sylvatica</i>	Common Beech	Selected Standard / Clear Stem 150-175 / RB	Counted 10-12cm		3.0-3.5	
1 No.	<i>Malus sylvestris</i>	Common Crab Apple	Selected Standard / Clear Stem 150-175 / RB	Counted 10-12cm		3.0-3.5	
1 No.	<i>Prunus avium</i>	Wild Cherry	Selected Standard / Clear Stem 150-175 / RB	Counted 10-12cm		3.0-3.5	
3 No.	<i>Prunus spinosa</i>	Black Cherry	Selected Standard / Clear Stem 150-175 / RB	Counted 10-12cm		3.0-3.5	
3 No.	<i>Quercus robur</i>	Common Oak	Selected Standard / Clear Stem 150-175 / RB	Counted 10-12cm		3.0-3.5	
1 No.	<i>Sorbus aucuparia</i>	Rowan	Heavy Standard / Clear Stem 175-200 / RB	Counted 12-14cm		3.5-4.0	
1 No.	<i>Ulmus 'New Horizon'</i>	Resistant Elm	Extra Heavy Standard / Clear Stem min. 200 / RB	Counted 14-16cm		4.0-4.5	
Total 28 No.							

No.	Species Name	Common Name	Specification	Density	Pot Size	Height
1 No.	Pinus sylvestris	Scots Pine	Feather	Counted	200-250cm	
Total : 1 No.						

No.	Species Name	Common Name	Specification	Density	Pot Size	Height
88 No.	Berberis darwinii	Darwin's Barberry	Bushy	·C	3L	30-40cm
270 No.	Cornus sanguinea	Common Dogwood	BR	3/m ²		40-60cm
216 No.	Ligustrum vulgare	Common Privet	BR	3/m ²		40-60cm
105 No.	Rosa canina	Dog Rose	BR	3/m ²		40-60cm
216 No.	Sambucus nigra	Common Elder	BR	3/m ²		40-60cm
105 No.	Ulex europaeus	Common Gorse	BR	3/m ²		40-60cm
270 No.	Viburnum opulus	Guelder Rose	BR	3/m ²		40-60cm

No.	Species Name	Common Name	Specification	Density	Pot Size	Height
182 No.	Clematis vitalba		Caned	2/m ²	2L	
170 No.	Lonicera periclymenum	European Honeysuckle	Caned	2/m ²	2L	
Total :352 No.						

No.	Species Name	Common Name	Specification	Density	Pot Size	Height
123 No.	Ajuga reptans	Bugle	Full Pot	7/m ²	2L	
36 No.	Euphorbia amygdaloides robbiae	Mrs Robb's Bonnet	Full Pot	2/m ²	2L	
123 No.	Geranium pratense	Meadow cranesbill	Full Pot	7/m ²	2L	
184 No.	Oenothera biennis		Full Pot	5/m ²	2L	
Total :466 No.						

No.	Seed Mix Name	Species Name	Common Name	Specification	Density	Height
45 No.		Leucanthemum vulgare		C	5/m ²	
Total :45 No.						

No.	Species Name	Common Name	Specification	Density	Pot Size	Height
503 No.	Blechnum spicant	Hard Fern	Full Pot	4/m ²	2L	
220 No.	Dryopteris filix-mas	Common Male Fern	Full Pot	4/m ²	2L	
Total :723 No.						

No.	Species Name	Common Name	Specification	Density	Pot Size	Height
106 No.	Deschampsia cespitosa	Tufted Hair Grass	Full Pot	4/m ²	2L	
536 No.	Luzula sylvatica		Full Pot	5/m ²	2L	
Total :642 No.						

21.11.23	PD	Amended following landscape officer comments	C	PD
15.09.23	NG	Addition of SuDS basin and trees	B	PD
18.04.23	SL	Amended to Ecologists Comments	A	PD
DATE	DRAWN	DESCRIPTION OF REVISION	REVISION LETTER	CHECKED

FOR PLANNING

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PROJECT TITLE :
Chalcroft Business Park
Horton Heath

PROJECT NUMBER :	PLOT DATE :
DD614	28.02.23

DRAWING SCALE :	APPROVED BY :
1:20	PD
PAPER SIZE :	DRAWN BY :
A1	SL

DRAWING TITLE :
Planting Schedule and Planting Matrices
3 Building Scheme

DRAWING NUMBER :	REVISION LETTER :
DD614L02	C

DRAWING FILE LOCATION :
Z:\Deacon Design Ltd Dropbox\03 PROJECTS 600+1DD614_Chalcroft Business Park, Horth
Heath\04-Drawings\Autocad_Keyscape\1-Landscape Dwgs\DD614L01_2 Landscape Plan_3
Building Scheme.dwg