#### **PLANTING NOTES**

#### **GENERAL**

- Plant material to conform to the National Plant Specification. All plant stock to originate from within the UK. Plant handling and planting operations to be in accordance with HTA `Handling and Establishing Landscape
- Plants', Parts I- III. • Topsoil for planting and amenity grass areas to be fertile with maximum 35% clay content and 5% minimum organic content, pH 5.8 - 7.5 and to be free of perennial weeds, weed seeds and contamination. Maximum stone content 20% (20mm+ particle size), maximum size of stones 50mm in any direction. Existing topsoil to be ameliorated and/or screened if necessary to achieve this specification. Imported topsoil to be to BS 3882: Multi
- Excess topsoil excavted from haul road/paths to be distributed on plots (subject to accordance with above

Purpose Grade, from an approved source, and to accord with the above specification.

• Existing vegetation within allotment site to be felled and roots mechanically removed as required. Herbicide application required.

### TREE PLANTING

- Extra Heavy Standards- Planted in pits approximately 1200x1200x900mm, backfilled with excavated subsoil/topsoil to replicate adjacent soil profile mixed with 120g 'Sierrablen Flora' slow release fertiliser. Supported by doube stake and adjustable tree tie and base of trunk protected with spiral rabbit guards.
- All standard trees are to be fitted with `Greenleaf' "Root-rain Urban" irrigation pipe and inlet, or similar approved, size as appropriate.
- No trees are to be planted within 3m of sewers or services (or other easement recommended by the relevant statutory undertaker) without the use of tree root barriers, eg. `Greenleaf' Reroot 600 /100 placed between the tree and services. Contractor to ascertain the location of all sewers and services prior to tree planting.

### WOODLAND PLANTING

### PREPARATION:

PLANTING:

- Planting to be undertaken into existing in-situ topsoil.
- Existing crops to be removed. Topsoil/subsoil to be cultivated/ripped to a depth of 500mm to relieve compaction.

### All plant material to be of UK origin.

- The roots of bare-root plants must be kept covered at all times, to prevent them drying out. Keep small bare-root plants completely within a polythene sack until the moment of planting.
- Refer to matrixes and schedules from planting arrangements and mixes (dwg LO4).
- Transplants- Notch planted or pit planted depending on soil conditions and size of roots with 30g 'Sierrablen Flora' slow release fertiliser. Ensure notch is large enough to accommodate roots without bending or breaking. Plant at the same depth transplant was growing at previously. All plants to be fitted with tree/shrub shelters, securely staked and with full gound contact.
- Planting to be carried out late October to late March, on a mild, damp day. Avoid days with frost or strong, drying winds.
- Water immediately after planting.
- Undertaken chemical weeding of an area of 1m diameter around each plant immediately after planting. Ensure herbicide application is carried out by a suitably trained person, only in periods of low winds, and with careful directional application to ensure no spray drift. Observe all precautions recommended by the manufacturer and remove containers from site immediately they have been emptied or are no longer required
- Area to be protected by rabbit/deer proof fencing (with pedestrian access gates for maintenance).

#### **HEDGE PLANTING**

- Hedge beds to have a minimum depth of 450mm topsoil over 150mm broken up ground with all stones over
- Apply a suitable peat free organic compost, 50mm depth even coverage and incorporate into topsoil during cultivation operations, to a minimum depth of 150mm. Compost source and sample to be approved.
- Transplants- Notch planted or pit planted depending on soil conditions and size of roots with 30g 'Sierrablen Flora' slow release fertiliser. Ensure notch is large enough to accommodate roots without bending or breaking. Plant at the same depth transplant was growing at previously. All plants to be fitted with tree/shrub shelters, securely staked and with full gound contact.
- All hedge beds to be mulched with matured coniferous bark, with an even particle size between 15 65mm, to a minimum depth of 75mm over weed free soil after completion of all planting and watering operations. Mulch to be free of pests, diseases, fungus and weeds, and with no fines or dust. Mulch source and sample to be approved.

**GRASS AREAS** 

• Grass areas are to have a minimum depth of 150mm topsoil brought to a fine tilth all stones over 40mm, in any direction removed. Areas should be uniformly firmed. Seeding to be low maintenance species rich grass mix e.g. DLF SRG (Species Rich Grass) mix sown at 25kg/ha.

# TIMES OF YEAR FOR PLANTING

- Deciduous trees and shrubs: Late October to early March (subject to ground conditions and temperature)
- Container grown plants: At any time if ground and weather conditions are favourable
- Amenity grass: April to October

# PLANTING SCHEDULE

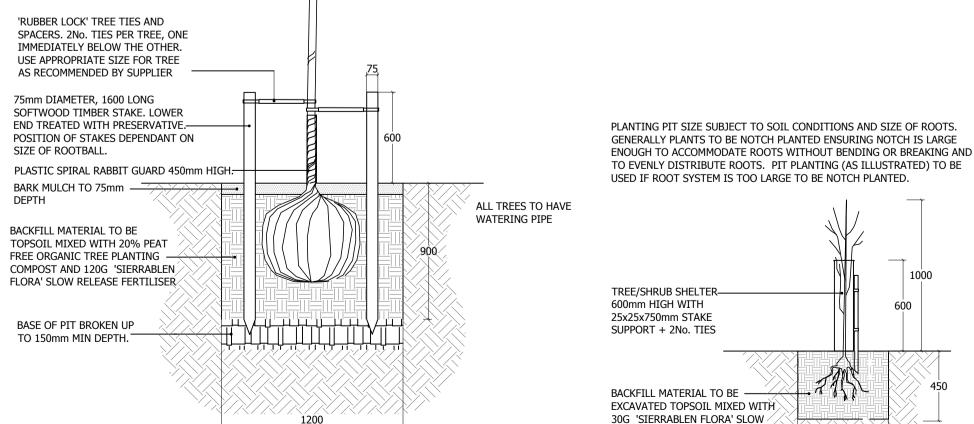
Abbv	Trees	Size /girth	Notes
Ac ca (EHS)	Acer camprestre	400-500cm /14-16 cm	EHS/RB/ clear stem
Ma sy	Malus sylvestris	400-500cm /14-16 cm	EHS/RB/ clear stem
Qu ro (EHS)	Quercus robur	400-500cm /14-16 cm	EHS/RB/ clear stem
So au	Sorbus aucuparia	400-500cm /14-16 cm	EHS/RB/ clear stem

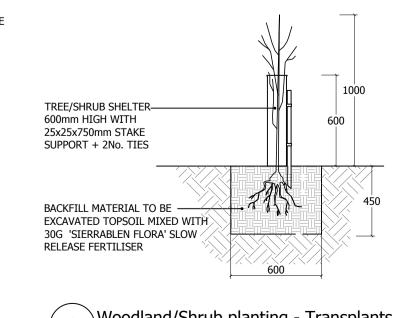
	Abbv	Hedging	Density	Size	
	Hedge2	Native hedge mix 40% Crataegus	Double staggered	40-60 cm high, T1+1, BR,	
monogyna, 20% Prunus sp		monogyna, 20% Prunus spinosa, 15%	row, rows 400mm		
		Corylus avellana, 15% llex aquifolium, 5%	apart, 3no per m		
		Euonymus europaeus, 5% Rosa canina			

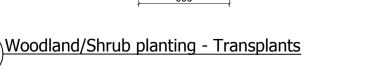
# WOODLAND EDGE MIX

TOOBE, TIDEBUE MIX									
ABBV	SPECIES	%	TYPE/SIZE (cm)	CENTRES (m)	GROUPS				
Ca	Corylus avellana	35	T1 + 1, 40-60cm	1	3-6				
Cm	Crataegus monogyna	15	T1 + 1, 40-60cm	1	3-6				
la	llex aquifolium	10	T1 + 1, 40-60cm	1	3-6				
Ps	Prunus spinosa	15	T1 + 1, 40-60cm	1	5-9				
Rc	Rosa canina	15	T1 + 1, 40-60cm	1	5-9				
Vo	Viburnum opulus	10	T1 + 1, 40-60cm	1	5-9				











recommendations and spacing Matching gates

1.8m high

Weld mesh

PPC in green

Anti-vandal fixings

Posts to suppliers

# **PLANNING**

University of Reading South of M4 **Drawing Title** 

Shinfield West

Phase 1 North Offsite Allotments

19.08.16 Project No 24262

1:500@A1 AFS **RG-L-503** 

CH

Planning • Master Planning & Urban Design •

Planning • Graphic Design • Public Engagement • Research bartonwillmore.co.uk

Architecture ● Landscape Planning & Design ● Environmental

Offices at Bristol Cambridge Cardiff Ebbsfleet Edinburgh Leeds London Manchester Newcastle Reading Solihull Southamptor