

## Planting Schedules

### Standard Tree Planting Schedule

Name	Form	Age	Girth (cm)	Height (cm)	Clear stem (cm)	Root condition	Breaks	Nr of Trees
<i>Alnus glutinosa</i>	Standard (extra heavy)	3x	14-16	400-450	min 200	RB	5	2
<i>Betula nigra</i>	Standard (extra heavy)	3x	14-16	400-450	min 200	RB	5	3
<i>Carpinus betulus Frans Fontaine</i>	Standard (extra heavy)	3x	14-16	400-450	min 200	RB	6	7
<i>Sorbus aucuparia</i>	Standard (extra heavy)	3x	14-16	425-600	175-200	RB	5	3
<b>Total</b>								15

### Native Woodland Matrix Planting

Botanical Name	Common Name	Min No. Branches/	Form	Height (cm)	Area (m)	% of mix	No.
<i>Alnus glutinosa</i>	Alder GW	1	Whip (BR)	100-125	72	10	3
<i>Betula pendula</i>	Silver Birch	1	Whip (BR)	100-125	72	10	3
<i>Corylus avellana</i>	Hazel	1	Whip (BR)	80-100	72	10	3
<i>Crataegus monogyna</i>	Hawthorn	1	Whip (BR)	80-100	72	20	6
<i>Ilex aquifolium</i>	Holly	1	Whip (BR)	80-100	72	5	2
<i>Prunus avium</i>	Wild Cherry	1	Whip (BR)	100-125	72	6	2
<i>Prunus padus</i>	Bird Cherry	1	Whip (BR)	100-125	72	8	3
<i>Prunus spinosa</i>	Blackthorn	1	Whip (BR)	80-100	72	8	3
<i>Sorbus aucuparia</i>	Rowan	1	Whip (BR)	100-125	72	15	5
<i>Rosa canina</i>	Dog Rose	1	Whip (BR)	80-100	72	8	3
<b>TOTAL</b>						100	32

### Native Woodland Matrix Planting (Shrubby Mix)

Botanical Name	Common Name	Min No. Branches/	Form	Height (cm)	Area (m)	% of mix	No.
<i>Corylus avellana</i>	Hazel	1	Whip (BR)	80-100	150	45	30
<i>Crataegus monogyna</i>	Hawthorn	1	Whip (BR)	80-100	150	30	20
<i>Prunus spinosa</i>	Blackthorn	1	Whip (BR)	80-100	150	10	7
<i>Rosa canina</i>	Dog Rose	1	Whip (BR)	80-100	150	10	7
<i>Viburnum opulus</i>	Guelder Rose	1	Whip (BR)	80-100	150	5	3
<b>TOTAL</b>						100	67

### Mixed Species Native Hedgerow Planting Schedule

Plant name	Common Name	Height (cm)	Root Condition	Number of times Transplant (min)	Form	Length (lin.m)	Plants/ lin.m	Total No. Plants
<b>Hedgerows (Double staggered row. 5 per m)</b>								
<i>Crataegus monogyna</i>	Hawthorn	60-80	B	1+1	Transplant	80	5	400
<i>Ligustrum ovalifolium</i>	Wild Privet	60-80	B	1+1	Branched Leader and laterals	15	5	75
<i>Ilex aquifolium</i>	Holly	60-80	B	1+1	Transplant	25	5	125
<i>Prunus spinosa</i>	Black thorn	60-80	B	1+1	Transplant	25	5	125
<i>Viburnum opulus</i>	Gulder Rose	60-80	B	1+1	Branched	5	5	25
<i>Rosa canina</i>	Dog Rose	40-50	B	1+0	Branched	10	5	50
						160		800

## Planting Specification

Trees and shrubs planted shall comply with BS.3936 (Specification of Nursery Stock) and shall be planted in accordance with BS.4428 (General Landscape Operations) and BS8545:2014 'Trees from nursery to dependence in the Landscape'. Engineer to refer to soft landscape proposals when undertaking foundation design. Contractor to familiarize themselves with location of underground services using routing plans, CAT scans and onsite survey prior to planting and excavations.

Bare root and root-balled stock to be planted in the dormant season.

All planting stock to be clearly labelled on delivery with the full botanical name. Plant stock to be approved prior to delivery to site and planting and trees be set out by Landscape Architect. All topsoil to be of good quality AS-DUG in accordance with BS 3882:2015. Depths of topsoil (Turf -150mm), (Shrubs- 300mm), Hedgerows (350mm) over free draining subsoil. Minimal topsoil coverage to be used on areas to be seeded and managed for wildflowers and wild-grasses. Use thin layer of topsoil only to provide initial seed bed if required.

If very wet or very dry conditions are found in proposed planting areas the landscape architect shall review planting locations and/or species.

Tree pits to be dug 400mm larger than rootball in any direction. Side and base of pit to be forked over to aid drainage help root establishment. Tree pit to be back-filled with a mix of:

- 1 part 'Melcourt topgrow' (or similar) tree planting compost;
- Mycorrhizal Fungi; and
- 3 parts good quality, as dug sub and top soils to similar profiles as existing (Preferably use the excavated soil if of suitable quality and free draining) .

Minimum 1m<sup>2</sup> area surrounding tree to be level (cut into bank on sloping ground). Medium grade bark mulch to be placed at the base of each trees to a depth of 75mm. Mulch to be maintained at size and depth for at least two growing seasons.

### Tree Matrix Planting

Plants to be spaced at 1.5m centres.

1no. 60 x 50cm Treebio Biodegradable Spiral Guard, Cane and 50x50cm Ecomatt Bio Weed Mat and pins to be used per plant. (Products by Greentech or similar). Guards and mats to be, inspected regularly and maintained for at least two growing seasons.

### Tree Stakes

3no. stakes and 3no. hessian/ rubber ties system to be used on each tree.

Stakes to be 75mm diameter tanalised softwood, pointed at one end. Top of stake to be 600mm above ground level . Stakes to be driven firmly into ground, position stakes at time of planting.

Monitor trees in growing season and provide water to ensure healthy establishment. Tree irrigation system to be provided to all trees. Consider use of Treegator® Watering Bag by Green Tech to provide slow release of water to new planted trees. Bag to be used throughout growing season for two consecutive years. Check bag regularly to ensure tree is not being damaged by bag. Remove bag and report to LA if issues are found.

Any queries in relation to planting schedules, layout or planting stock to be raised with Landscape Architect.

Suitable tree root barriers to be used on boundaries with hard-standing, walling, services, proposed and existing buildings.

Project:  
Llandudno Junction Waste Transfer Site.

Drawing Title:  
Planting Schedules and Outline Planting Specification

Scale:  
NTS

Date:  
26/05/2023

Status:  
Planning

Drawn: ES  
Checked: TS

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-

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Landscape Design  
Landscape Planning  
Landscape Management  
Public Realm & Green Space

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