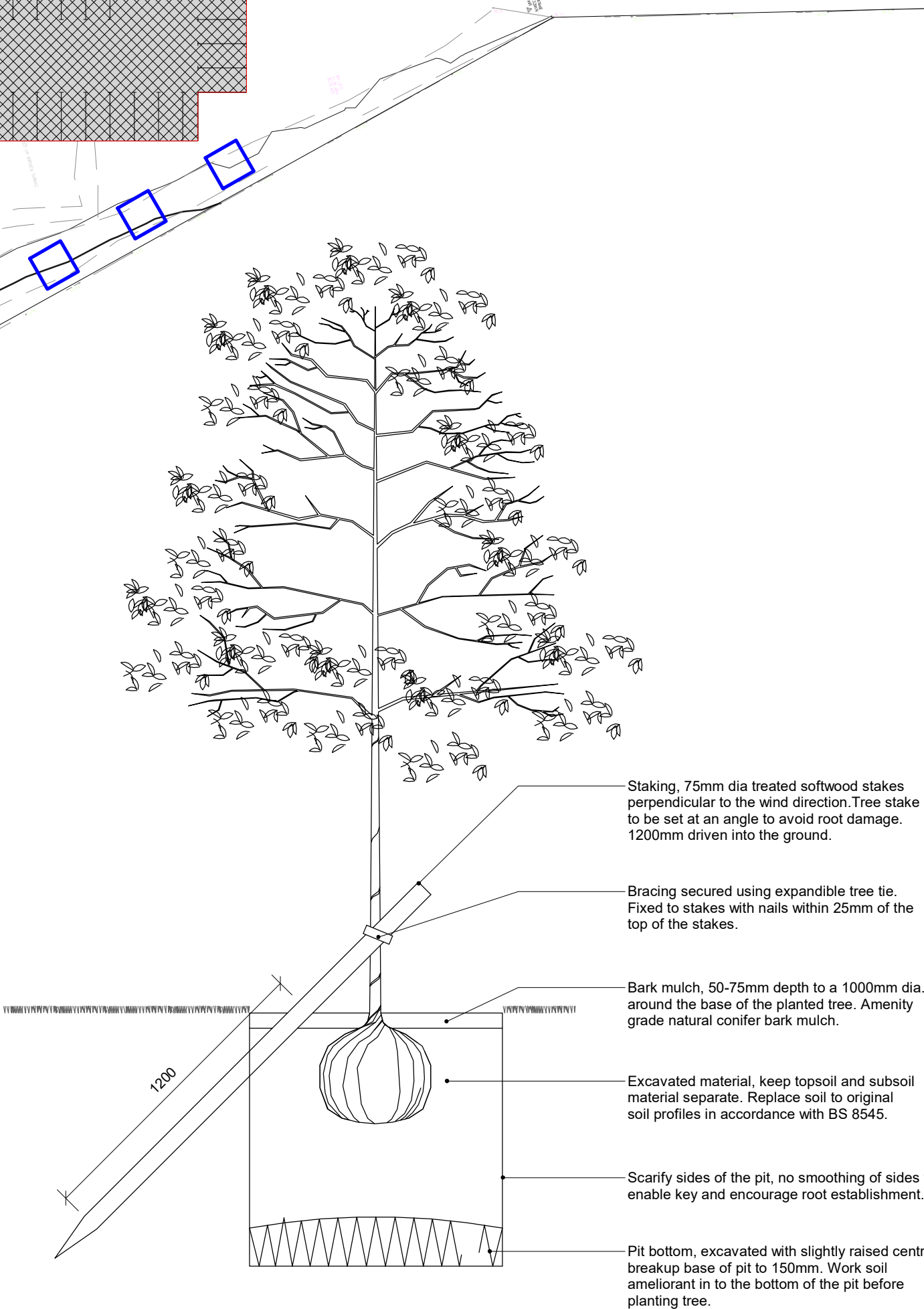




The Planting Notes should be read in conjunction with all landscape drawings, the notes below set out the aims and objectives of the new landscape scheme.

All works to be carried out by qualified Tree Surgeon outside of bird nesting season and inline with Arboricultural Report.

- Existing trees and boundary vegetation to be retained are protected by Tree Protection Fencing prior to any site works

- Before commencing works, the Landscape Contractor is responsible for checking for below ground services in the vicinity of the planting works. Give notice of any that may be affected and obtain instructions before proceeding.

- All planting beds to be bare ground, free of grass, weeds, removing all litter debris and stones.

- Apply approved herbicide, leave for a minimum of 14 days. Remove all arising's from Site.

- All container plants to be well watered in their container prior to planting

- No planting should occur when the ground is frozen or water logged

- Planting areas to have a 450mm depth of clean imported topsoil as per Remediation Strategy (topsoil to BS 3882:2015). Grass areas to have 300mm min clean capping layer. Before laying topsoil, lightly cultivate and loosen the surface a minimum of 300mm. Do not use topsoil for the new tunnel.		Proposed Rain Garden Planting Mix To rain garden area at the main entrance. Refer to schedule D for details.
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- Plant materials to confirm to National Plant Specification. All plants to originate within the UK. Planting operations to be in accordance with BS 4428 : 1989.

- New tree planting in grass areas to be in a 0.6m radius, weed free circle, refer to tree pit detail for more information.

- All shrub planting is to be planted in to a weed free bed a minimum 100mm wider than the planting area, plants to be set 100mm back from any fence or wall

- Planting pits to be dug to a minimum depth of 1000mm for trees and 400mm for shrub planting. The sides of all pits are to be loosened avoiding smooth sides

All planting mixes to be planted in species groups as noted in the schedule.

- All tree and hedge planting to have Mycorrhizal Fungi with Gel dusted to bareroots or added to pit to encourage healthy establishment

- All bare root whips to have Tubex (or equivalent) Combi-tube Standard Tree shelter 750mm high x 150mm dia fitted to a 25x25x900mm timber stake, as per manufacturers recommendations.

- All plants to be thoroughly watered in immediately after planting

- During the establishment period visit at eight weekly intervals from April- December to carry out the following to planting areas:

- Control weed growth. Maintaining a weed free area around each plant during the first few years will allow quick establishment of the plants and reduce the likelihood of dieback.

- Prune dead and broken branches/shoots

- Check stakes and ties. Adjust or replace as necessary

- Litter picking of beds

- The weed free areas to be maintained as weed free for the first 5 years following planting with mulch woodchip material, all areas topped up to maintain a 50mm depth for the maintenance period. Occasional spraying with a contact herbicide in accordance with the manufacturers instructions may be required.

- The proposed planting has been specified to be contextually appropriate species that following the establishment period will thrive without irrigation and will continue to do so in those conditions likely as a result of climate change, i.e. typically warmer and wetter conditions.

However, during the first year after planting it may be necessary to water all plants in prolonged periods of dry weather. This usually occurs during May - September. All planting areas should be watered to field saturation using clean fresh water on a weekly basis in these cases.

following planting.

- Remove crossing branches and branches that grow back towards the centre of the tree

- As young trees grow, remove lower branches gradually to raise the crown and retain a clear stem, remove any branches crossing boundary fences

- Remove multiple leaders on evergreens and other trees where a single leader is desirable.

1m. All hedges to be trimmed every year to ensure dense vegetation. Hedge cutting to take place during November - February (outside bird nesting periods).

Native Species	Plant Name	Specification	% mix	Area/m ²	density per m ²	Total Plants
	<i>Fagus sylvatica</i> 'Purpurea'	1+1 bare root, 40-60cm whip	-	437	5	2185
	Total Area	437				2,185
Schedule C - Wildflower Meadow Mix						
Native Species	Plant Name	Specification	% mix	Area/m ²	Grants per m ²	Total grants
	Emergence EM3	Special General Purpose Meadow Mixture	100	1890	4	7560
	Total Area (m2)	1890				-
Schedule D - Rain Garden Mix						
Native Species	Plant Name	Specification	% mix	Area/m ²	density per m ²	Total Plants
	Wet Meadow Grass Mix	Emergence EM8 or equal approved	100	1850	5g/m ²	-
	<i>Allium sphaerocephalon</i> 'Drumstick'	2L, container grown, full pot	10	18.1	5	91
	<i>Allium stipitatum</i> 'Mount Everest'	2L, container grown, full pot	10	18.1	5	91
	Britia Golden Bee	9cm pot	20	36.2	4	145
	<i>Malina</i> Transparent	9cm pot	10	18.1	4	72
	<i>Molinia</i> Heidezwerg	9cm pot	10	18.1	4	72
	<i>Molinia caerulea</i> 'Edith Dudzisz'	2L, container grown, full pot	10	18.1	4	72
	<i>Sedum amronia</i>	2L, container grown, full pot	20	36.2	4	145
	<i>Stipa tenuissima</i>	2L, container grown, full pot	10	18.1	5	91
	Total (m2)	181				778

[illegible]

	Existing Trees retained
	Existing tarmac surfacing to car park
	Proposed Trees Refer to schedule A for details.
	Proposed Wildflower Meadow Mix Refer to schedule C for details.
	Proposed Wet Meadow Grass Mix To swales throughout site Refer to schedule D for details.
	Proposed Rain Garden Planting Mix To rain garden areas at the main entrance. Refer to schedule D for details.
	Proposed Single Species Hedge To planting bed along swales to the north and east of building. Refer to schedule B for details.
	Proposed Paving To pathways in car park and main entrance. Product: Arto linear paving blocks by Tobemore or equally approved. Colour: Carbon and Platinum (combination)
	Proposed Concrete Surfacing to Service Yard To service yard south of building.
	Proposed Asphalt Surfacing to Car Park To engineers specification.
	Proposed Permeable Asphalt Surfacing to Car Park To engineers specification.
	Proposed Hibernica Sro. hibernica located to the south east of the site area constructed with local materials

Client: Ipsen NDP		land studio
Project: Ipsen NDP, Wrexham		
Drawing Title: Landscape Strategy		
Job No: 330 Drawing No: LST-XX-XX-DR-L-0100		
Drawing By: HA	Date: 06.04.23	
Checked By: LJS/SR	Date: 05.05.23	
Drawing Scale: As indicated		Sheet Size: A1
Rev: P04	Status: S3 - FOR REVIEW	

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