KEY

- Existing trees retained
- Existing hedgerows retained
- New woodland planting
- Wildflower Grassland

PLANTING SPECIFICATION

EXISTING TREES AND HEDGES ETC: All existing trees and hedges to be retained should be fully fenced and protected prior to the commencement of any works in accordance with BS5837 (2005) 'Trees in relation to Construction - Recommendations'.

MINIMUM SOIL REQUIREMENTS:

	Topsoil	Loosened Subsoil
Grass/wildflower mix	50mm depth	300mm depth
Tree planting areas	300mm depth	600mm depth

SOIL SPREADING AND CULTIVATION:
1. Thoroughly loosen sub-soil before spreading top-soil (where applicable) to allow free drainage and root penetration.
2. Spread and grade all soils to smooth flowing finished contours.
3. Cultivate to full depth and remove large stones and unwanted material over 75 mm diameter and dispose.

PLANTS & PLANTING: All plants and planting to comply with the requirements of current/relevant British Standard Specifications including BS 3936: Parts 1 & 4 (Nursery Stock) and BS 4428: 1989 (General Landscape Operations). All planting to be carried out within the recognised planting season (November to March). All to be British Grown stock and fully hardened off. All native species to be of local origin (Forestry Commission Seed Zone 304).
Root Dip: Proprietary root dip applied to all bare-rooted stock (1) at time of lifting at nursery and (2) prior to planting.
Watering: Thoroughly water-in all newly planted stock immediately after planting.
Tree & shrub protection: All newly planted stock to be fully protected from rabbit damage by the use of proprietary tree/shrub guards applied in accordance with the manufacturer's recommendations.

GRASS SEEDING: Generally to BS 4428.
Grading & Cultivation: When topsoil is reasonably dry and workable grade to smooth flowing contours removing all minor hollows and ridges. Cultivate soil to full depth and break up any compacted topsoil.
Weed Control: If necessary apply approved herbicide to control pernicious weeds (eg. Dock, Thistle & Nettle) and allow period of time to elapse as recommended by manufacturer before final cultivation.
Final Cultivation and Sowing: Reduce top 25mm of soil to a fine tilth by further cultivation. Remove stones exceeding 50mm in any dimension. Sow approved grass seed mixture in accordance with supplier's recommendations during appropriate season and weather conditions. Lightly harrow or rake then roll and cross-roll with a lightweight roller.

ESTABLISHMENT MANAGEMENT

Trees planting areas
Regular visits (Years 1-10) required to maintain all newly planted stock in a weed free condition. A 1m diameter ring around each individual plant is to be maintained in a weed free condition using a combination of repeated applications of an approved translocated systemic herbicide during the growing season followed by an approved residual herbicide application during late winter/early spring.
Several alternative herbicides may be suitable and any which is used must be listed in the current British Crop Protection Council UK Pesticide Guide. The use of herbicides is governed by the Control of Pesticides Regulations 1986 and all herbicides are to be strictly applied in accordance with manufacturer's recommendations. All operatives must hold a current recognised User Certificate of Competence.
Any plants affected by frost heave or wind rock to be refirmed. Stakes, ties and guards are to be checked at each visit and adjusted or replaced as necessary.
Other maintenance will include watering, fertiliser application, pest and disease control as necessary to maintain healthy growth.
Replacement Planting
Any tree/shrub losses to be replaced in accordance with original planting schedule & specification.
Wildflower Grassland: 3 cuts during Year 1 (March, May, September) to establish sward. Thereafter cut to 4cm in September/October (after flowering) and cut to 4-7cm in March/April to remove excess grass. In all cases remove clippings. Spot treat pernicious weeds with approved herbicides or top with a flail type mower.

Rev A: Proposed contours added (05/12/11)
Rev B: Contours amended (21/12/11)
Rev C: Adjustments to planting schedule & specification as requested by LPA (27/03/12).

1:500

PLANTING SCHEDULE

Woodland Mix

Code	Percentage	Species	Size	Spacing	Grouping
W1	10	Acer campestre (Field Maple)	600-800mm/1+1	2.0 m centres	5-10
	5	Fraxinus excelsior (Ash)	600-800mm/1+1	2.0 m centres	5-10
	10	Populus tremula (Aspen)	800-1000mm/1+1	2.0 m centres	5-10
	10	Prunus avium (Wild Cherry)	600-800mm/1+1	2.0 m centres	5-10
	40	Quercus robur (Oak)	600-800mm/1+1	2.0 m centres	10-15
	10	Corylus avellana(Hazel)	400-600mm/1+1	2.0 m centres	5-10
	10	Crataegus monogyna (Hawthorn)	400-600mm/1+1	2.0 m centres	5-10
	5	Ilex aquifolium (Holly)	400-600mm/2L pot	2.0 m centres	5-10

Seed Mixes

Code	Supplier	Mix	Location	Sowing Rate
WFG4	British Seed Houses	WFG4 (Neutral soils)	Grassed area	3-5g/m²

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Description: Tomlinson's Daines Ltd, Five Crosses Industrial Estate, Minera, Wrexham	Drawing Name: Soft Landscape Proposals	
	Dwg number: 1382.01	Rev: Rev C
Drawn by: AM	Scale(s): 1:500 @ A1 size	Date: 21/05/2011