

PLANTING NOTES

All trees to be planted and procured in accordance with BS 8545:2014 and BS 3936:1992 Nursery Stock Part 1. The providing nursery shall demonstrate Plant Healthy Certification and/or an adopted biosecurity policy and plant passport scheme.

Aftercare shall be in accordance with the approved Landscape Management Document.

GROUND PREPARATION

- Where required all existing topsoil and subsoil shall be stripped and stored separately on site. Heaps must not exceed 3m in height and should be used within 12 months in accordance with BS 4425 (Code of practice for general landscape operations).
- Existing topsoil and inert sub soils, shall be analysed in accordance with BS 3882 to determine available nutrients, texture, organic matter content and pH. Where required, existing soils are to be improved in accordance with BS 3882:2015. Subsoils shall conform to BS 8601:2013
- In all instances, where soil is to be retained and relatively undisturbed for the purposes of planting new vegetation on site, then it must be alleviated to avoid compaction, must be tested for pH for specific species suitability, and may require the addition of biochar + compost + organic fertiliser + native soil.
- Imported topsoil and site won soils shall be to British Standards BS 3882 - Multipurpose Grade. Spread to 300mm depth over areas to be planted with trees and shrubs. Remaining minimum rooting depth to be provided by a good quality subsoil to BS 8601:2013, free of building material debris to achieve the following overall rooting depths:
Grass - 450mm
Shrubs - 600mm
Trees - 900mm

PLANTING SCHEDULES

TREE SCHEDULE

SPECIES	Ht in m	NUMBERS REQUIRED	
		3.0-3.5	3.5-4.25
Alnus glutinosa (Ag)		-	5
Betula pubescens (Bpu)		-	3
Carpinus betulus (Cb)		-	5
Prunus avium (Pa)		-	3
Sorbus aucuparia (Sau)		-	2
Tilia cordata (Tc)		-	3

All trees to have clear stems to 1.8m above ground level and 2.0m above ground level for extra heavy standard and semi mature trees with well developed branching heads with a single, central leader and healthy, fibrous root systems.
Trees shall be planted into pits of an appropriate size to accommodate the root system without restriction, backfilled with a 3:1 topsoil:compost mix and shall be secured to a machine rounded stake using 1 no. tree tie with rubber spacer. Finished height of stake shall not exceed 1/3 height of staked tree above ground. Foundation design of new buildings shall accommodate proposed tree planting in accordance with NHBC guidelines.

NATIVE SPECIES SHRUB SCHEDULE

NATIVE SHRUB MIX					
Nr	Name	Height/cm	Root	Age	Pot/L
160	Cornus sanguinea	40-60cm	B	1/1	
80	Corylus avellana	60-80cm	B	1/2	
80	Cytisus scoparius	40-60cm	B		
40	Hedera helix	40-60cm	C		2L
20	Lonicera periclymenum	60-80cm	C		3L
120	Rosa arvensis	40-50cm	B	0/1	
120	Rosa canina	30-40cm	B		
20	Rubus fruticosus	40-60cm	C		2L
160	Viburnum opulus	40-60cm	B	1/1	

Native species shall be planted into 450mm depth, good quality clean topsoil incorporating organic compost and slow release fertiliser, over un-compacted sub-grade. Prior to planting all bare root plant stock shall be dipped into a suitable mycorrhizal plant dip in accordance with the manufacturers recommendations. Plants shall be planted in groups of 3-11 of a single species with the taller growing species to the back of the areas of the areas and the lower growing species to the edges of the areas. Planted areas to be mulched after planting with coarse grade forest mulch to a uniform depth of 50mm.

NATIVE HEDGE

NATIVE HEDGE SCHEDULE					
Nr	Name	Height/cm	Age	Root	Pol/L
45	Cornus sanguinea	60-80cm	1/1	B	
45	Corylus avellana	60-80cm	1/2	B	
226	Crataegus monogyna	60-80cm	1/1	B	
67	Prunus spinosa	60-80cm	1/0	B	
22	Rosa arvensis	50-60cm	1/1	B	
45	Viburnum opulus	50-60cm	1/1	B	

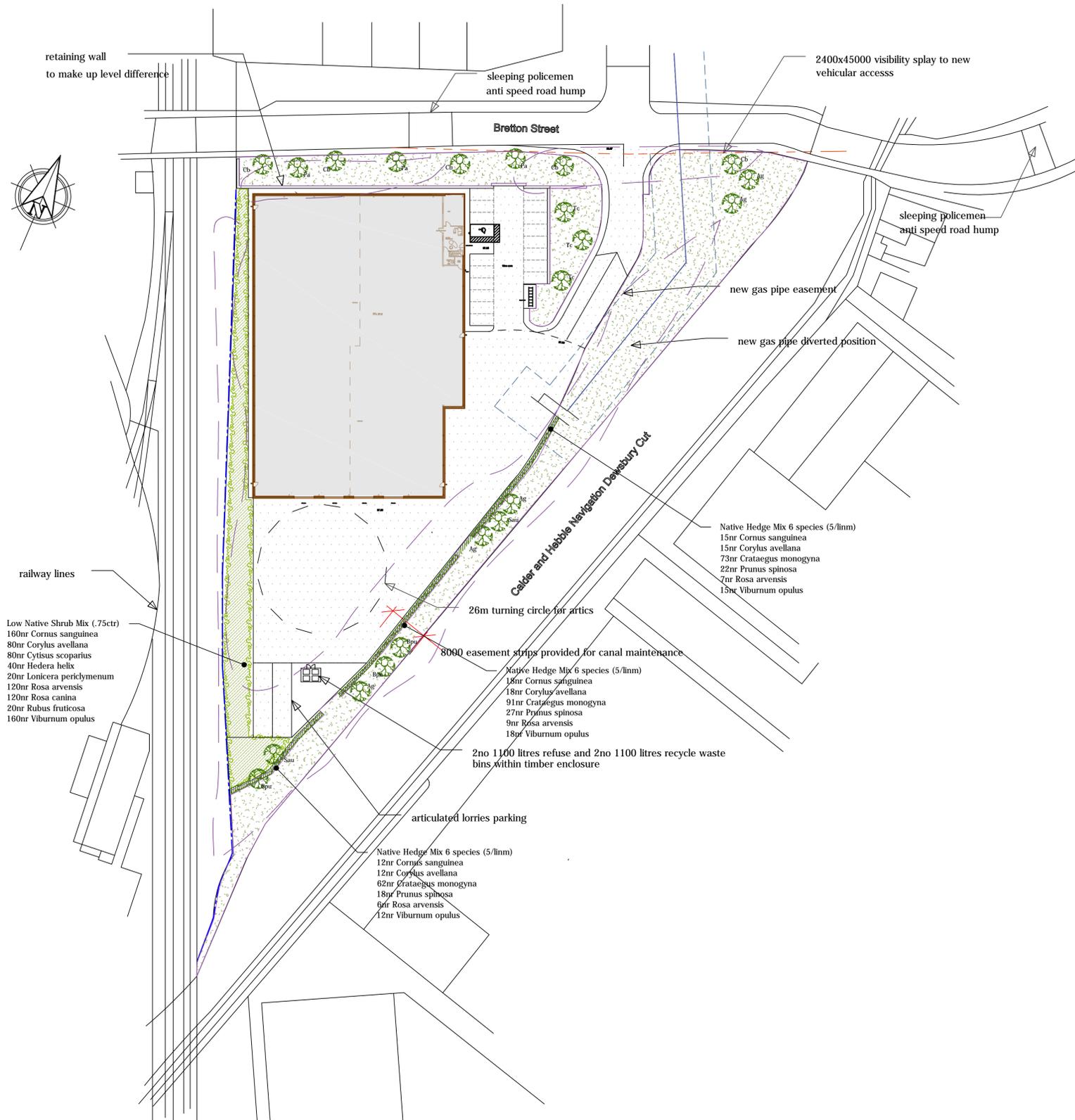
Native species shrub mix to be planted at 5/1m in double staggered rows. To be pit planted into pits large enough to accommodate the root systems without restriction. Pits to be backfilled with a 3:1 topsoil:compost mix.

GRASS SEEDING

SPECIES RICH GRASS (Emorsgate EL1 or similar approved)

Mixture EL1 contains slow growing grasses with a selection of wild flowers that respond well to regular short mowing.

Grass mix to be sown into previously cultivated seedbed at supplier's recommended rates.



KEY

- Existing vegetation to be removed
- Proposed heavy standard (12-14cm girth) tree
- Proposed native hedge
- Proposed mixed native species shrub planting
- Species rich grassland
- Proposed vehicular tarmacadam
- Proposed 1800mm high palisade fencing (detailed by others)

<p>Sue Farmer BA MLD MLI Landscape Architect</p> <p>fdalandscape</p> <p>Westleigh Hall Wakefield Road Denby Dale Huddersfield HD8 8QJ telephone 01484 861611 fax 01484 861616 isdh 01484 866900 email info@fdalandscape.co.uk www.fdalandscape.co.uk</p>	client A K Properties	
	project Industrial Development LAND off BRETTON ST, DEWSBURY,	
	drawing title LANDSCAPE MITIGATION	
	scale 1:500 @A1	date June 25
		drawing no R/2876/1