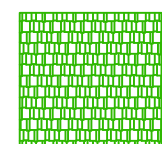
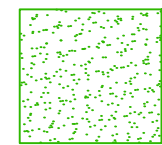


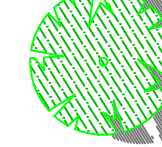
LEGEND



All soft landscape areas for shrub planting to be cleared of debris, decompacted and prepared for planting or turfing, with 300mm depth topsoil. Plants at 3-8no /sqm- see typical planting section. All soft landscape areas to be cultivated and planted with shrubs/perennials and mulched with bark mulch.



All grass areas to be provided with min 150mm depth topsoil, decompacted, cultivated and turfed with cultivated grade turf.

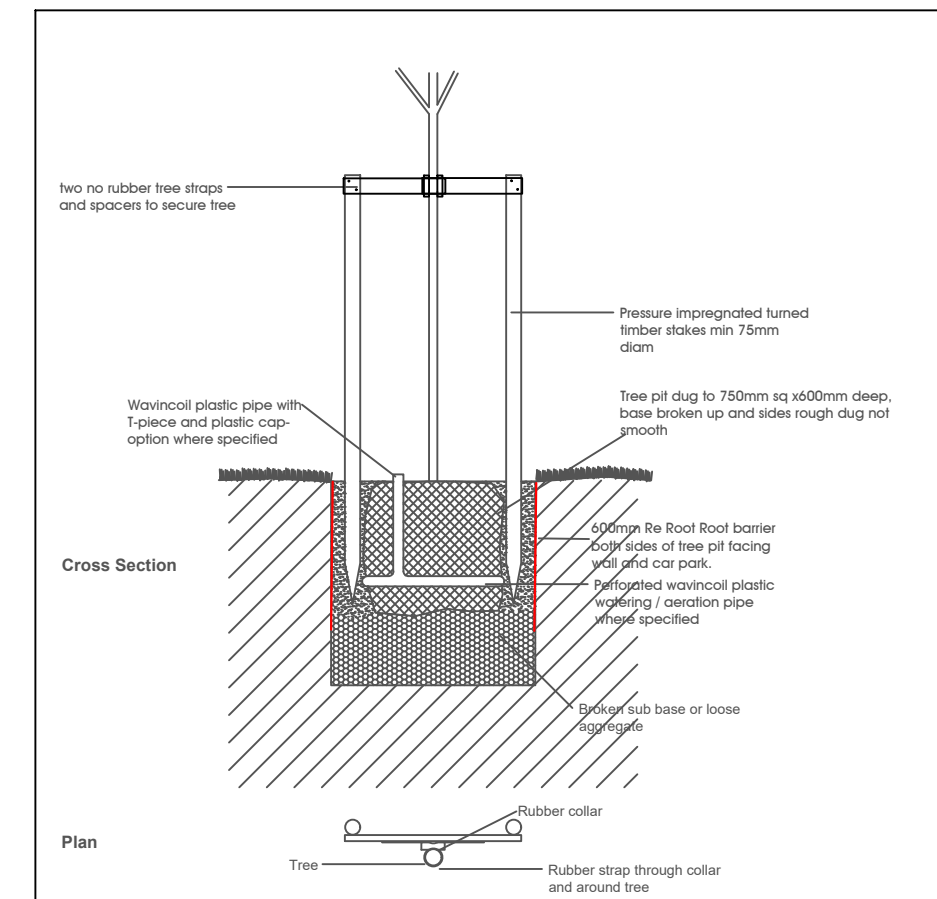


New Set Std/ Heavy Standard size tree planting in 0.75m sq x 0.6m deep tree pits. All trees to be planted in Re-root liners to restrict root growth within 6m of any services and buildings or structures.

Planting areas- preparation:

Main Contractor to bring site to formation level being 300mm or 150mm below finished levels to receive topsoil by landscape contractor.
Clear all rubble and debris from areas prior to ripping or rotavating to 300mm depth.
Import clean weed free natural as-dug topsoil to BS 3882 to bring up levels where low and in consultation with the clerk of the works.
Ensure all planted areas are provided with a minimum of 450mm depth topsoil.
Rake and minor grade all areas to levels, ensuring soil is min 150mm below dpc levels.

Do not carry out excavation under canopy spread of any trees to be retained which shall be protected by approved Tree Protection fencing erected at canopy edge and maintained in place during the works.



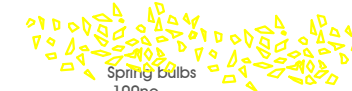
TYPICAL TREE PIT DETAIL

Landscape and Planting

New Native hedge mix 57 lin m of 6/lin = 342no plants:
Crataegus monogyna (Hawthorn) 1 + 2 transplants 60-90cm Ht 100no
Viburnum opulus (Guelder Rose) 1 + 2 transplants 40-60cm Ht 100no
Ligustrum vulgare - 1 + 2 transplants 60-90cm Ht 50no
Rosa canina - OG 30-40cm 20no
Cornus ovata (Hazel) - 1 + 2 transplants 40-60cm Ht 50no
Lonicera periclymenum - 2L 40-60cm 22no

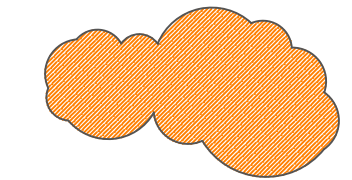
PLANTING LEGEND

8/ Alchem mollis 3

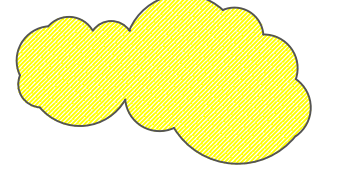


Planting reference:
First number (8) refers to the number of plants
Latin text refers to the plant species
Third number (3) refers to the density of planting ie 3 sqm

Drifts of Spring bulbs Total 500no:-
30% Snowdrops
30% Daffodils/ narcissus
20% Bluebells
10% mixed fritillaries/wild garlic/aconites
10% Tulips



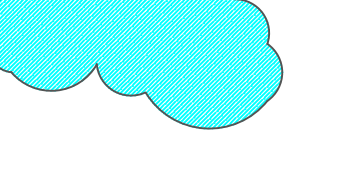
NATIVE MIX GROUPS Total 170 sqm = 340 no plants
Planted at 2/sqm
Crataegus monogyna
Ligustrum vulgare
Viburnum opulus
Symphoricarpos Hancock
Rosa canina
OG/2L



Plant mix 1 at 3/ sqm 50sqm total = 150no plants
Centranthus ruber
Ox Eye daisy
Meadow Sweet
Primula vulgaris



Mix of Ferns: total 34/sqm at 3/sqm = 102 no plants
Osmunda regalis
Athyrium filix-femina
Dryopteris affinis
Polystichum setiferum



Plant mix 2 at 3/ sqm 60sqm total = 180no plants
Echinacea Magnus
Calamagrostis Karl Foerster
Geranium Ingwersens variety
Meadow Sweet
Epimedium perralderianum
Digitalis purpurea

SPECIFICATION

EXCAVATION AND TOPSOILING

Topsoil Depths

Topsoil depths are to be as follows:-

- i) in grass areas 150 mm
- ii) in shrub bed areas 300 mm

Tree pits are to be 750 x 750 x 600 mm overall depth.

Prior to topsoiling all areas to receive topsoil shall be decompacted to a depth of 300 mm and all stones and debris removed.
Topsoil shall be loose topped and lightly spread using the back of an excavator bucket or by hand where machine work is not possible.
After spreading topsoil ensure that any compaction is forked or rotavated out.
Topsoiled areas shall be in an uncompacted and uncontaminated state prior to setting out of shrub and grass areas.

Weed Clearance

If authorized by the Architect prior to the commencement of grassing or planting areas shall be cleared of weed growth. All vegetation shall be collected and removed from site.

Imported Topsoil

Imported topsoil shall be obtained from an approved source and shall be clean weed free natural as dug topsoil to BS 3882, free from excessive stone and roots. Re-manufactured soils shall not be acceptable.

PLANTING WORKS

Plant material shall be containerised or bare root and in compliance with BS 3936: 1985 Part 1, from an approved source and to the satisfaction of the Landscape Architect or Supervising Officer. Plants shall be free from disease and infection, with no damage to bark, stem, root or foliage.

Plants shall be first class representatives of their normal species or varieties and shall have well developed branches and fibrous rooting systems.
Taking care to avoid damage and disturbance to roots, rootballs or stems, plant all material at the same depth at which it has been previously growing. Excavate plant pits to allow roots to be spread within the pit.

Polythene and other non-permeable containers are to be removed and any badly damaged roots carefully pruned.
Dig over beds, breaking up soil and rake of stones over 40 mm in any dimension. Remove all rubbish and weed growth to tip. Allow for spraying out weed growth as necessary.

Plants shall be firmly planted with 50 g of slow release fertilizer such as 'Vitax' plus moist compost mixed in with the backfill, along with an approved mycorrhizal soil amendment.
A solution of 'Algreen' in water (1:99) should be applied to the shrub bed after planting so that the backfill is well watered in and the plant is fixed into the pit by treading.

Planting Operations: Trees
Trees shall be planted into tree pits and watered with 2 No. 20 litres and a single cross bar set 600 mm above ground level. Base of tree pits shall be broken up to 200 mm before planting. Prior to backfilling, the soil shall be finely broken down and 200 g of a slow release fertilizer such as 'Vitax' incorporated into the backfill, with tree planting compost (50% by volume).

'Puddle' the backfilled tree pit with a 1:99 solution of 'Algreen' to ensure the tree pit is well watered.
Location of tree pits shall be made by the Main Contractor to avoid conflict with underground services.

Before planting all beds shall be forked over, raked level and covered with a 75 mm layer of approved bark mulch. (50 mm compacted depth).

Maintenance

The Maintenance period shall run for a period of 12 months after practical completion and shall be undertaken only during suitable weather conditions.

Tree ties shall be regularly inspected and adjusted during the maintenance period.

Shrub areas shall be kept clear of litter and debris, weeding shall be carried out in shrub beds at each grass cutting visit. Weed control may be carried out in order to promote healthy and vigorous growth. Weeding shall be carried out during periods of drought or as instructed by the Architect.
The Landscape sub-contractor will be responsible for the watering of all trees, shrubs and grass areas in order to minimize plant losses.

DEFECTS LIABILITY

The sub-contractor shall be responsible for the replacement of any plant material that fails to thrive through fault or omission on behalf of the landscape sub-contractor in the supply, transport, handling, planting operations or maintenance operations, where carried out by the landscape sub-contractor.

Defects works may include the following measures:

- 1) Dusting, spraying or pruning as necessary.
- 2) Cutting out dead and damaged wood
- 3) Stone picking
- 4) Making good damaged or dead turf areas
- 5) Replacement of dead or dying plant material at end of defects period

The planting and maintenance rates in the tender shall be deemed to include for all such costs and no additional payments shall be made for any works under Defects Liability.

Bed ref	Species	Pot Vol Litres	Size cm	Area sqm	Density/sqm	quantity no.
					Total	500no
Spring Bulbs	Snowdrops Galanthus nivalis					150
	Daffodils Narcissus mixed					150
	Bluebells Endymion non-scripta					100
	Mixed fritillaries/wild garlic/aconites					50
	Tulips-mixed					50
				170	2	340no.
Native Mix Groups	Crataegus monogyna	1+2	40-60			100
	Ligustrum vulgare	1+1	40-60			100
	Viburnum opulus	1+2	30-40			100
	Symphoricarpos Hancock	OG/2L	45-60			20
	Rosa canina	OG/2L	30-45			20
				50	3	150
Plant Mix 1	Centranthus ruber	2L	30+			40
	Ox Eye Daisy	1L	30-40			40
	Meadow Sweet	1L	20-30			35
	Primula vulgaris	1L	15-25			35
				34	3	102
Fern mix	Osmunda regalis	2L	20-35			25
	Athyrium filix-femina	2L	20-35			26
	Dryopteris affinis	2L	20-35			26
	Polystichum setiferum	2L	20-35			25
				60	3	180
Plant mix 2	Echinacea Magnus/ Purpurea	2L	30-40			40
	Calamagrostis Karl Foerster	3L	30-40			20
	Geranium Ingwersens variety	1L	20-30			40
	Meadow Sweet	1L	20-30			25
	Epimedium perralderianum	1L	20-30			40
	Digitalis purpurea	2L	30-40			20

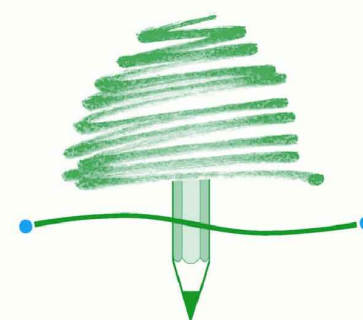
Plant supply and specification schedule



drawing title Planning Condition Information
Landscape and Planting details for Whiteacre,
Troughstones Road, Biddulph for Mr Y Heald

date June 2024
scale 1:200 at A1
drawing no. M23/ 1633 / C01

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