



Topsoil and Subsoil
Do not use subsoil contaminated with bricks, concrete, hardcore, rubbish or other materials that are corrosive, explosive or flammable, hazardous to human or animal life and are detrimental to plant life. Subsoil shall be excavated and or placed to required profiles and levels. When ground conditions are reasonably dry, subsoils shall be loosened to a depth pf 300mm and all stones larger than 50mm shall be removed. Where existing topsoil on site is deficient and requires topping up, all imported topsoil shall be in accordance with BS3882:2015 and with NHBC requirements. Do not use topsoil contaminated with subsoil, rubbish or other materials that are corrosive, explosive or flammable, hazardous to human or animal life and are detrimental to plant life. Topsoil shall be stored in heaps no higher than 1m and wider than 2m and shall be protected from contamination and compaction. Following spreading, topsoil areas shall be cultivated to suitable depth and tith when weather is suitably dry and the surface shall be left regular and even, levels shall be 25mm above adjacent kerbs and 50mm above lawns. Any visible weeds, roots and large stones shall be removed. Do not compact topsoil, and ensure a friable texture of separate visible crumbs.
Recommended depth after settlement:
Grass Areas: 100mm / Shrub Areas: 300 to 450mm

Tree and Shrub Planting General
Prior to planting topsoil shall be moist, friable and not waterlogged. Carry out planting during suitable weather conditions, do not plant during frozen or windy conditions. Where beds are overgrown with weeds apply herbicide in accordance with manufacturers recommendation. Allow fallow period before cultivation. Container grown plants can be planted at any time of year if ground and weather conditions are favourable. Bare root trees and shrubs can be planted from late October to March. All plants shall be as specified, undamaged, sturdy, healthy and vigorous. They shall be free from pests, diseases, discoloration and physiological disorders. Name, form, dimensions, provenance and other criteria shall be as defined in The National Plant Specification. All plant handling shall be in accordance with HTA 'Handling and Establishing Landscape Plants'. All plants shall be stored in a secure environment and protected from site operations and over exposure to adverse weather conditions. Where topsoil is compacted it shall be broken up to a depth of no less than 350mm into particles of 2-8mm, with the surface left regular and even. Levels shall be 25mm above kerbs and hardstandings and 50mm above adjacent grass areas. Remove all visible weeds, roots and large stones exceeding 50mm. Do not cultivate soil within rootspread of existing trees and shrubs. All plants shall be planted upright or well balanced with best side to front. MycorForce Transplanter shall be spread around the roots of each plant during planting at a rate specified by the supplier.

Works Cleanliness
Remove any soil and arisings from adjacent hard surfaces and leave works in a clean, tidy fashion at completion.

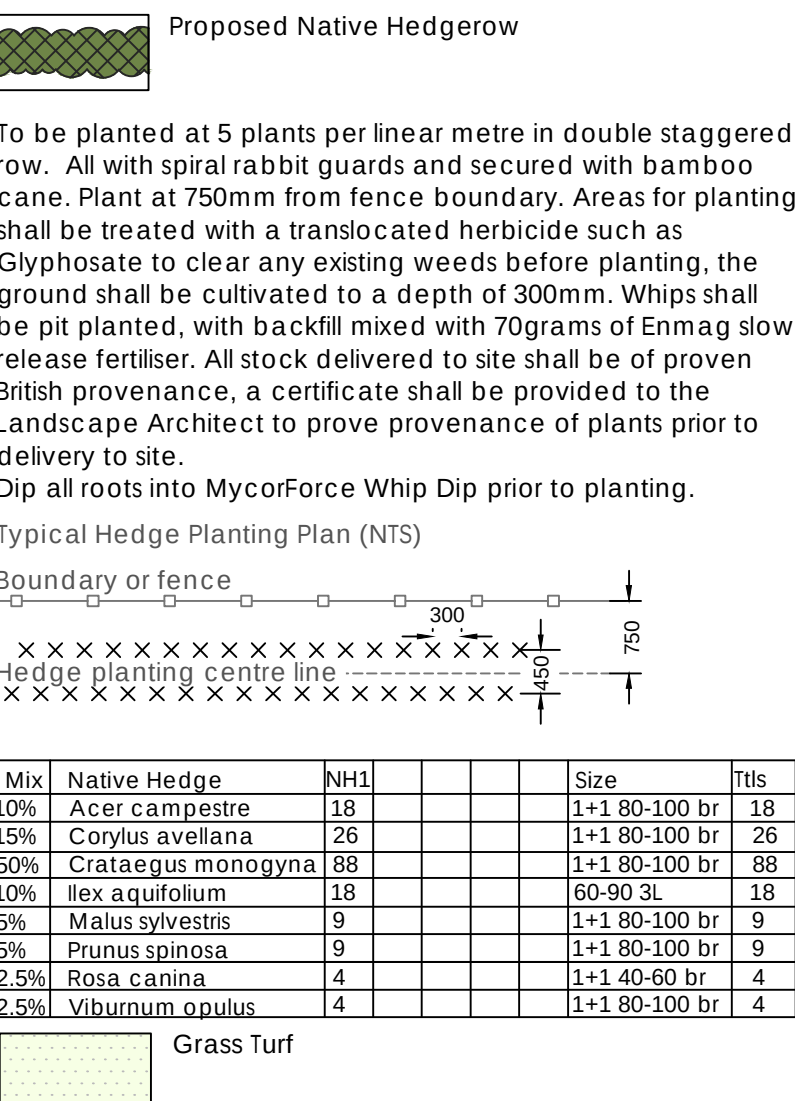
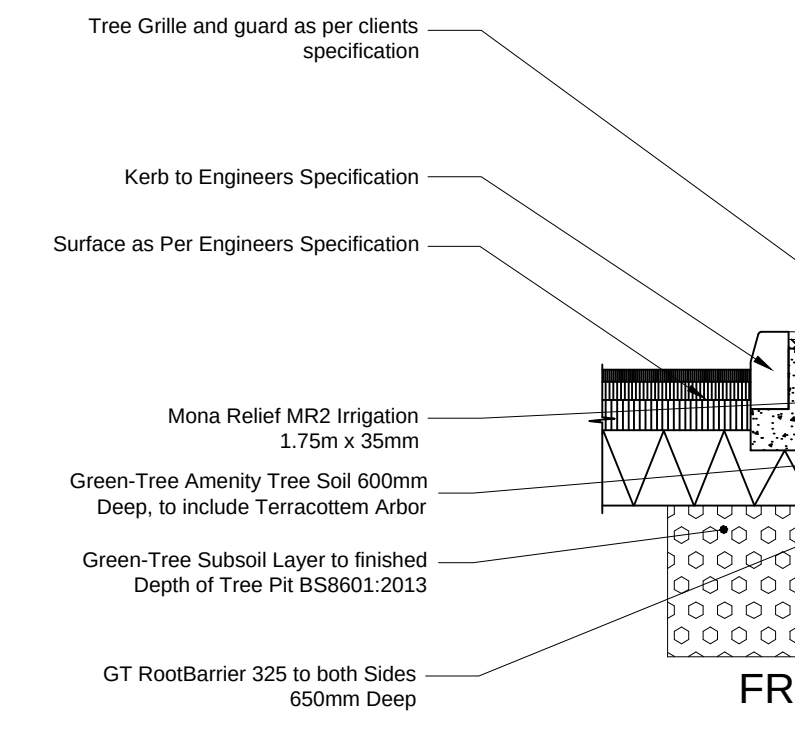
Watering
Water all plants immediately after planting, thoroughly and without damaging or displacing plants or soil.

Bark Mulch
All planting areas to receive 75mm depth of Melcourt Ornamental grade bark mulch unless otherwise directed. Hedges to receive 1m wide, 75mm depth of bark mulch to base. Individual trees in grass to have 75mm depth, 600mm diameter bark mulch to base.

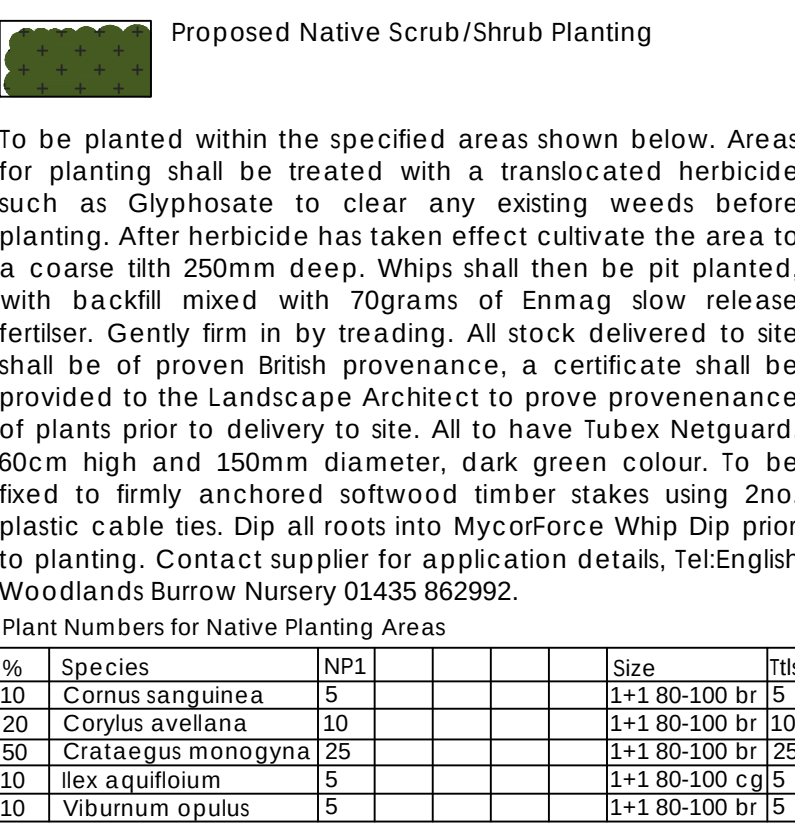
Notes
All soft landscape works to be carried out in accordance with the following guidelines;
BS4428:1989 Code of Practice for General Landscape Operations.
BS8545:2014 Trees from Nursery to Independence in the Landscape. Recommendations.
All new planting stock shall comply with the following guidelines.
BS4043:1989 Transplanting root-balled trees
BS3936:1992 Nursery Stock Part 1. Specification for Trees and Shrubs.
Follow good modern horticultural practice in any proposed soft landscaping.
Planting compost shall be entirely free of peat. Proprietary products based on composted straw, manure or coir are acceptable, but products based on wood chips or bark shall not be used.

Proposed Tree Planting Detail for trees in front of Plots 14 to 21 and Flats 1-4 only.
The excavated tree pit shall be of overall an 4.2m3 cubic volume. The maximum depth should be no more than 1m, additional volume should be achieved by excavation of breadth and width. Maximum depth of Green Tech Amenity Tree Soil to be 600mm, remaining depth to be made up by using Green-Tech Subsoil.
Tree Soil should be backfilled in layers of 300mm and then compacted to achieve a CRB value in excess of 5%.
Install all grilles, root barriers, staking, tree guards and irrigation systems all as per Green Tech specifications.
Compaction of Amenity Tree Soil under vehicle over runs shall be as per specification provided by Green-Tech.

Contact Green-Tech: 01423 332100.
Indicative Tree Pit Arrangement

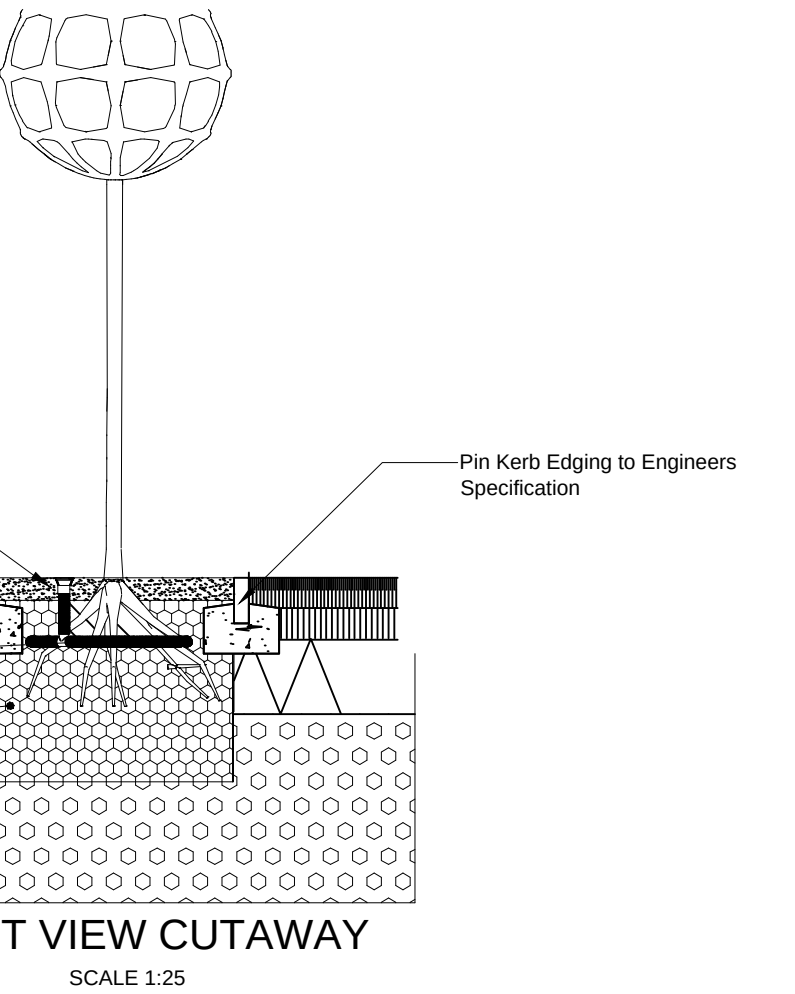


Lay turf with minimum delay after lifting, within 18 hours during spring and summer and 24hours autumn and winter. If required stack in piles not higher than 1m.
Do not lay turf during persistent cold weather or drying winds or if soil is frost bound, waterlogged or excessively dry.
Prepare topsoil to BS3882:2015, topsoil shall be dry and workable, reduce to a true, even surface, friable and lightly firmed but not over compacted fine tith to a depth of 25mm. Remove surface stones and clods exceeding 15mm. Where required extend cultivation into existing adjacent grass areas sufficient to allow marrying in of levels.
Ensure contours are free and flowing with falls for adequate drainage. Lay turf with broken joints, well butted up. Do not stretch turf. Edges shall be laid to whole turfs and trimmed to true line. Remove high spots and fill hollows with fine soil. Lightly and evenly firm as laying proceeds to ensure full contact with substrate. Do not use rollers. Dress with horticultural sand and completely fill all joints. Lay planks over previously laid turf, do not walk on prepared beds of newly laid turf.



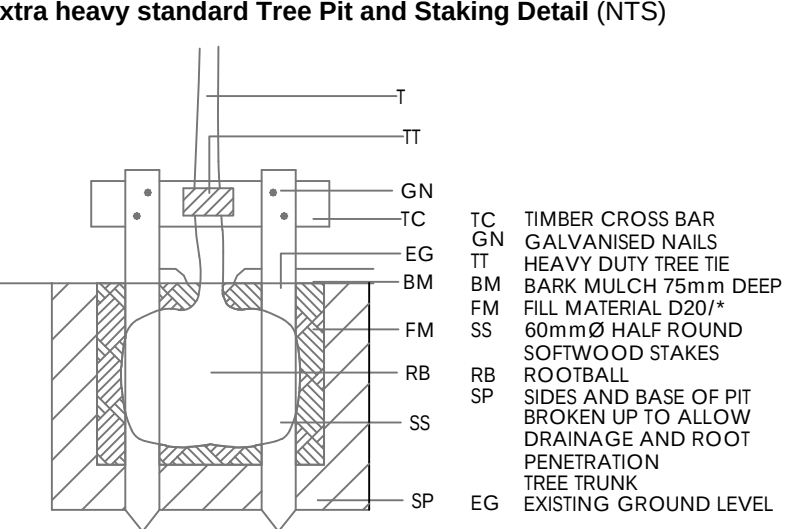
PLANT SCHEDULE

SPECIES	Grill	Height	Root	Rootball	Height	Branch	Notes
TREES							
T1	Acer campestre	14-16cm	40-45m	Br	Br	Br	5
T2	Acer campestre 'Three leaf'	14-16cm	40-45m	Br	Br	Br	5
T3	Prunus 'Sweet Bolewood'	14-16cm	40-45m	Br	Br	Br	1
T4	Sorbus 'cordata Royal'	14-16cm	40-45m	Br	Br	Br	5
THREE LITRE SHRUBS							
AJ	Aucuba 'Crotchedale'	CO	30	50			2
CL	Cornus sanguinea	CO	30	30			30
CO	Cotoneaster 'Oakwood'	CO	30	30			77
EGC	Eucryphia 'Emerald Galaxy'	CO	30	30			22
FAP	Fuchsia 'Mini Poppy'	CO	30	30			1
LC	Leucothoe 'Carmel'	CO	30	30			20
LM	Lawsonia 'Maygreen'	CO	30	30			31
MJ	Malonea japonica	CO	30	30			6
FGS	Fraxinus 'Gold Leaf'	CO	30	30			6
FSR	Fraxinus 'Olive Leaf'	CO	30	30			33
FT	Fraxinus 'Teton'	CO	30	30			33
SGO	Stimulia 'New Green'	CO	30	30			13
VJ	Viburnum 'David'	CO	30	30			13
HERBACEOUS PLANTS							
AL	Aster multiflorus	CO	30	30			4
AS	Asperula cordata	CO	30	30			108
P3	Polygala 'Sunderland'	CO	30	30			18
GBV	Geranium 'Bevan's Variety'	CO	30	30			35
HGS	Heuchera 'Green Spice'	CO	30	30			28
LC	Leucoloma cordata	CO	30	30			45
HEDGES							
PL	Prunus laurocerasus	CO	50	50			33



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KEY & NOTATION
Plot Boundary
Proposed Tree Planting
The excavated hole shall be of sufficient size to accommodate the root-ball or container, allowing approximately 500mm clearance on all sides. Before planting the sides of the pit shall be broken up and the base dug over to a depth of 150mm to improve drainage. The tree will be planted to the same depth as it was in the nursery. Backfill will be firmed in around the rootball to prevent any air pockets. The pit shall be backfilled with a % mix of good quality topsoil and an non peat based compost. 140gms of Enmag granular slow-release fertiliser shall be incorporated to the fill mixture.
Root Barriers
Where an installed rootball is within 3m of an existing underground service route or highway boundary install protective root barrier with sides vertical and finished 75mm below finished ground level. To be Greenleaf ReRoot 2000 or similar approved.
Trees in soft ground
Trees shall be double staked and fixed to horizontal crossbar using rubber strapping, with rubber block positioned between the tree and cross bar.
Stakes shall be 60mm diameter treated softwood, driven firmly into ground either side, and not through the rootball, with tree central between the stakes. The above ground height of the stake should be a minimum of a third of the stem high. All trees to receive perforated watering pipes surrounding root ball.
Tree Aftercare
Any necessary formative pruning will be carried out and where appropriate woodchip/bark mulch applied to a depth of 75mm, and to at least the edge of the planting pit.
A properly planned maintenance program should be kept up until successful establishment of the trees. This may include watering when necessary, checking of the support systems, weed control and further mulching.



Proposed Areas of Shrub Planting
Shrub areas to have minimum 300mm depth of good quality imported cultivated topsoil, free from bricks, large stones and other rubbish.
Ornamental Hedge
Ensure all plants are bushy to provide joined up length of hedge. Trim all hedges at planting to ensure neat appearance and promote new growth.

Revisions
Scale:
1:200 @ A1
Project
Proposed Residential Development
Sapcote Road, Burbage
Drawing
Landscape Proposals
Status
For Planning, Tender & Construction
Date
18.01.24
Dwg. No.
24.1831.001
Revision
-
Drawn
cjn
Checked
cjn