

KEY & NOTATION

Plot Boundary

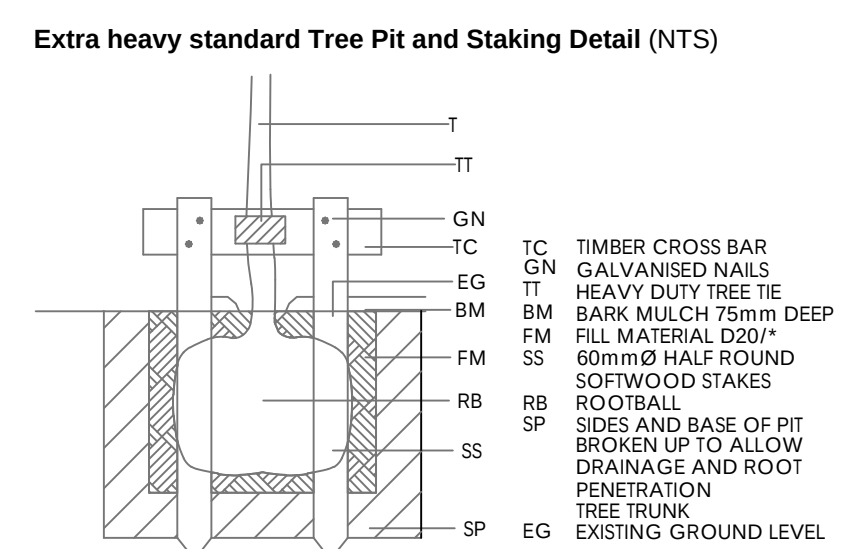


Proposed Tree Planting



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 tree 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.

Extra heavy standard Tree Pit and Staking Detail (NTS)



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. Implementation All soft landscape works shall be completed prior to occupation of first unit and as planting season allows.

A 1. Updated to Staniforth Architects Proposed Site Plan 1525 120

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 A

Drawn cjn
Checked cjn



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 30mm. 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.

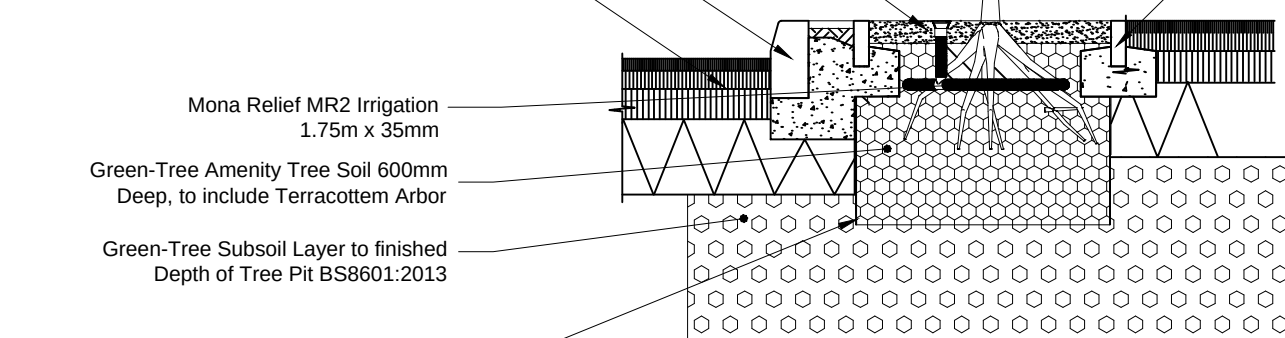
Proposed Tree Planting Detail for trees in front of Plots 14 to 21 and Flats 1-4 only. The excavated tree pit shall be of overall an 4.2m3 cubic volume. The maximum depth should be no more than 1m, additional volume should be achieved by excavation of breadth and width. Maximum depth of Green Tech Amenity 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.

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Contact Green-Tech: 01423 332100.

Indicative Tree Pit Arrangement Kerbs to engineers specification

Tree Grille and guard as per clients specification
Kerb to Engineers Specification
Surface as Per Engineers Specification
Mona Relief MR2 Irrigation 1.75m x 35mm
Green-Tree Amenity Tree Soil 600mm Deep, to include Terracotem Arbor
Green-Tree Subsoil Layer to finished Depth of Tree Pit BS8601:2013
GT RootBarrier 325 to both Sides 650mm Deep



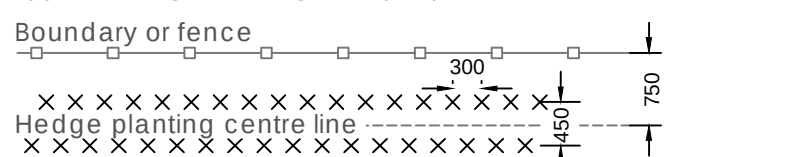
FRONT VIEW CUTAWAY
SCALE 1:25

Proposed Native Hedgerow



To be planted at 5 plants per linear metre in double staggered row. All with spiral rabbit guards and secured with bamboo cane. Plant at 1750mm from fence boundary. Areas for planting shall be treated with a translocated herbicide such as Glyphosate to clear any existing weeds before planting, the ground shall be cultivated to a depth of 300mm. Whips shall be pit planted, with backfill mixed with 70grams of Enmag slow release fertiliser. All stock delivered to site shall be of proven British provenance, a certificate shall be provided to the Landscape Architect to prove provenance of plants prior to delivery to site. Dip all roots into MycorForce Whip Dip prior to planting.

Typical Hedge Planting Plan (NTS)



Mix	Native Hedge	NH1			Size	Tits
10%	Acer campestre	19			1+1 80-100 br	19
15%	Corylus avellana	26			1+1 80-100 br	26
50%	Crataegus monogyna	88			1+1 80-100 br	88
10%	Ilex aquifolium	18			60-90 3L	18
5%	Malus sylvestris	9			1+1 80-100 br	9
5%	Prunus spinosa	9			1+1 80-100 br	9
2.5%	Rosa canina	4			1+1 40-60 br	4
2.5%	Viburnum opulus	4			1+1 80-100 br	4

Grass Turf



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 tilth 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.

Proposed Native Scrub/Shrub Planting



To be planted within the specified areas shown below. Areas for planting shall be treated with a translocated herbicide such as Glyphosate to clear any existing weeds before planting. After herbicide has taken effect cultivate the area to a coarse tilth 250mm deep. Whips shall then be pit planted, with backfill mixed with 70grams of Enmag slow release fertiliser. Gently firm in by treading. All stock delivered to site shall be of proven British provenance, a certificate shall be provided to the Landscape Architect to prove provenance of plants prior to delivery to site. All to have Tubex Netguard, 60cm high and 150mm diameter, dark green colour. To be fixed to firmly anchored softwood timber stakes using 2no. plastic cable ties. Dip all roots into MycorForce Whip Dip prior to planting. Contact supplier for application details, Tel:English Woodlands Burrow Nursery 01435 862992.

%	Species	NP1			Size	Tits
10	Cornus sanguinea	5			1+1 80-100 br	5
20	Corylus avellana	10			1+1 80-100 br	10
50	Crataegus monogyna	25			1+1 80-100 br	25
10	Ilex aquifolium	5			1+1 80-100 cg	5
10	Viburnum opulus	5			1+1 80-100 br	5

PLANT SCHEDULE									
TREES									
SPECIES	QTY	HEIGHT	ROOT	FEED SIZE	HEIGHT	BRANCH	NO.		
T1	Acer campestre	14-16cm	40-45mm	br	ENH9	1.0m Clear stem	3		
T2	Caprifolium frons Fontaine	14-16cm	40-45mm	br	ENH9	1.0m Clear stem	3		
T3	Prunus spinosa	14-16cm	40-45mm	br	ENH9	1.0m Clear stem	3		
T4	Salix caprea	14-16cm	40-45mm	br	ENH9	1.0m Clear stem	3		
THREE LITRE SHRUBS									
A1	Aucuba cordifolia	CO	3L				30		
C1	Cornus sanguinea	CO	3L				30		
CO	Cornus sanguinea	CO	3L				30		
EEG	Elaeagnus angustifolia	CO	3L				10		
FM	Fuchsia magellanica	CO	3L				1		
LC	Leucodaphne	CO	3L				1		
LM	Lonicera xylosteum	CO	3L				21		
M1	Myrica maritima	CO	3L				4		
PGS	Prunella vulgaris	CO	3L				4		
PDL	Prunella vulgaris	CO	3L				3		
PT	Prunella vulgaris	CO	3L				16		
SWG	Salix caprea	CO	3L				13		
SKG	Salix caprea	CO	3L				9		
SPG	Salix caprea	CO	3L				9		
VD	Viburnum davidii	CO	3L				23		
HERBACEOUS PLANTS									
A1	Aucuba cordifolia	CO	3L				5		
B1	Bergenia cordifolia	CO	3L				117		
F1	Fuchsia magellanica	CO	3L				16		
GBV	Gentiana bicolor	CO	3L				16		
HCS	Heuchera 'Green Spice'	CO	3L				35		
T1	Taraxacum officinale	CO	3L				35		
HEDGES									
FI	Fraxinus excelsior	CO	3L				35		

