

PLANTING SPECIFICATION

EXISTING TREES AND HEDGES ETC: Where existing trees are to be retained they should be subject to a full arboricultural inspection for safety. Any surgery required shall be in accordance with BS3998 (1989) 'Recommendations for Tree Work'; and shall comply with any existing TPO requirements;

All existing trees and hedges to be retained are subject to BS5837 (2005) 'Trees in relation to Construction Recommendations' and should be fully fenced with 1.2m high chestnut pale fencing at the extent of their canopy prior to the commencement of any works.

IMPORTED TOPSOIL: Make up any soil shortages with imported topsoil to BS 3882: 1994 General Purpose Grade. Sample and source to be approved before bulk delivery to site.

TOPSOIL REQUIREMENTS:

- Grass areas - 150mm depth
- Shrubs/hedgerows - 400mm depth
- Advanced nursery stock tree pits - 1500mm dia. x 900 depth

TOPSOIL SPREADING AND CULTIVATION:

1. Break out all hard surfaces in areas to be planted or grassed, and re-grade to proposed levels.
2. Thoroughly loosen sub-soil before spreading top-soil to allow free drainage and root penetration.
3. Spread topsoil in 150mm layers and grade to smooth flowing finished contours.
4. Edges to planted areas after settlement to be:
 - not less than 150mm below d.p.c of adjoining buildings
 - 25 mm below adjoining grassed areas.
 - flush with adjoining shrub areas or hard surfaces.
5. Edges to grassed areas after settlement to be:
 - not less than 150 mm below d.p.c. of adjoining buildings.
 - 25 mm above adjacent hard surfaces, inspection covers and shrub beds.
6. Cultivate soil in shrub areas to 300 mm depth. Remove large stones and unwanted material over 75 mm diameter and dispose.
7. Cultivate soil in areas to be grassed to 150 mm depth. Remove large stones and unwanted material over 50 mm diameter and dispose.

TOPSOIL IMPROVEMENTS: All additives to be incorporated into full depth of soil during cultivation, to manufacturer's recommendations where appropriate:

1. Incorporate a proprietary peat-free tree and shrub planting compost at the rate of 20litre/m² into topsoil of shrub beds during cultivation.
2. Incorporate a proprietary peat-free tree and shrub planting compost at the ratio of 1:3 (compost:soil) to the backfill of all tree pits.
3. Incorporate Enmag (4:19:10) granular fertiliser at approx. 140g/m² to tree pit backfill and 70g/m² to shrub beds.
4. Mulch - apply a 75mm depth 50-100mm grade bark mulch. Sample and source to be approved before bulk delivery to site. NB - Watering to be carried out prior to application of bark mulch.

PLANTING: All plants and planting to comply with the requirements of all current/relevant British Standard Specifications including BS 3936: Parts 1, 4, 9 and 10 and BS 5236: 1975 where applicable; BS 4428: 1989; BS 4043; and the Ball/LI/Nursery Trade Tender Document (5th edition: 1986). All plants to be supplied in accordance with the indicated schedule. All planting to be carried out within the recognised planting season (November to March), unless otherwise instructed by CA.

PLANTING SCHEDULE

Individual Trees

Code	Species	Description	Height
T1	Betula jacquemontii (Himalayan Birch)	Heavy Standard (Containerised)	3500-4250mm
T2	Pyrus calleryana 'Chanticleer' (Ornamental Pear)	Selected Standard (Rootballed)	3500-4250mm
T3	Sorbus vilmorinii (Mountain Ash)	Selected Standard (Rootballed)	3500-4250mm
T4	Amelanchier lamarkii (Snowy Mespilus)	Selected Standard (Rootballed)	3500-4250mm

Hedges

Code	Species	Percentage	Size	Spacing	Grouping
H1	Fagus sylvatica (Beech)	100	400-600mm/1u1	5/lin m	

Shrub Mixes

Code	Species	Size	Spacing
S1	Phormium tenax	Double crown/10L pot	Denoted by symbol 4/m ²
	Cotoneaster conspicuus 'Decorus'	300-400mm/3L pot	
S2	Cornus stolonifera 'Flaviramea'	400-600mm/3L pot	1/m ² 3/m ² 10/m ²
	Vinca major	3L Pot	
	Narcissus 'Dutch Master'	120-140mm circumference	
S3	Mahonia x media 'Charity'	600-800mm/10L pot	Denoted by symbol 3/m ²
	Potentilla fruticosa 'Elizabeth'	300-400mm/3L pot	
S4	Cornus alba 'Elegantissima'	400-600mm/3L pot	1/m ² 3/m ² 10/m ²
	Lonicera pileata	300-400mm/3L pot	
	Narcissus 'Dutch Master'	120-140mm circumference	
S5	Viburnum x davidii	200-300mm/3L pot	4/m ²
S6	Photinia x fraseri 'Red Robin'	300-400mm/3L pot	2/m ² 2/m ²
	Euonymus fortunei 'Silver Queen'	200-300mm/3L pot	
S7	Prunus 'Otto Luyken'	300-400mm/3L pot	3/m ²

TREE PLANTING: All trees are to be planted as shown ensuring a minimum of 4 metres from buildings and 3 metres from drainage. No services information was available at the time of preparing these landscape proposals. A suitable method of foundation allowing for existing ground conditions is to be provided to accommodate the proposed tree planting.

PLANT MATERIAL TREATMENT: All to be British Grown stock and fully hardened off.

Root Dip - Proprietary root dip applied to all bare-rooted stock (1) at time of lifting at nursery and (2) prior to planting.

Anti-Dessicant - Proprietary anti-dessicant to be applied to foliage of all containerised/rootballed material in leaf and evergreens etc. (1) prior to transportation and (2) during any delay in planting.

Watering - supply minimum 270 litres/heavy tree, 170 litres/standard or large feathered tree, 10 litres/transplant and 4 litres/shrub at planting.

Tree Stakes and Ties

Stakes - to be pressure treated, round, smooth and peeled Larch or Chestnut, not less than 100mm diameter.

Advanced Nursery Stock - double staked with cross bar.

Use proprietary tree ties applied in accordance with manufacturer's recommendations.

Hedgerow Planting - hedging plants to be planted in trenches wide enough to allow for full root spread. Set out plants as scheduled in a double staggered row using a total of 5 plants per linear metre. Rows to be set 225mm apart.

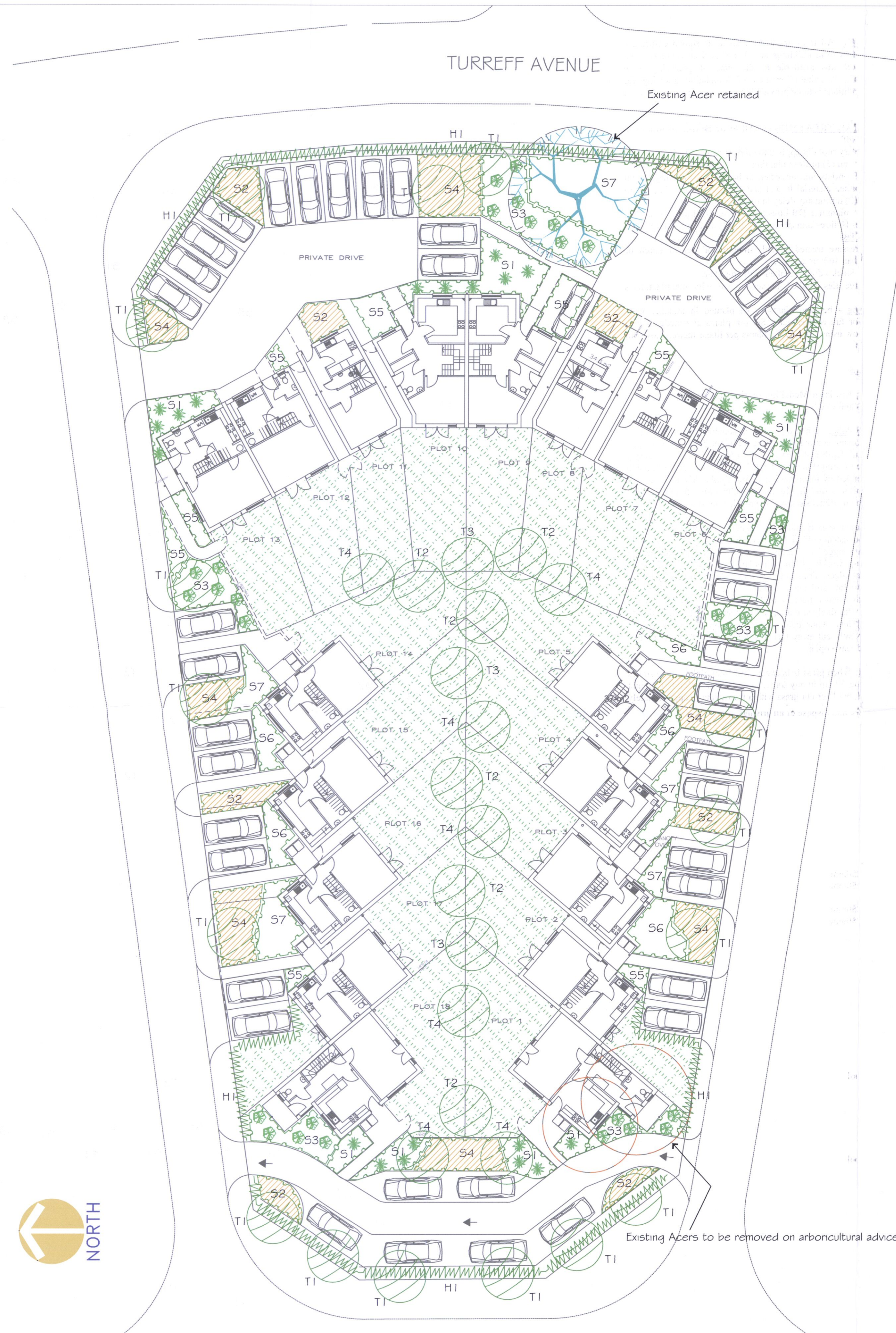
GRASSED AREAS

Turf to BS 3969: Rowlawn Medallion or similar approved. Free from undesirable grasses and weeds.

Turf laying to BS 4428: 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. Apply approved herbicide to control perennial weeds and allow period of time to elapse as recommended by manufacturer before final cultivation. Reduce top 25mm of topsoil to a fine tilth by further cultivation. Remove stones exceeding 50mm in any dimension. Apply propriety pre-seeding fertiliser.

Lay turf during autumn or early winter or at times agreed with the CA. Do not lay turf when persistent cold or drying winds are likely to occur or soil is frost bound, waterlogged or excessively dry. Lay turf with broken joints, well butted up, working from planks laid on previously laid turves. Use whole turves at edges. Trim to a true line. Adjust levels by raking out or infilling with fine soil under turves. Consolidate by lightly and evenly firming with wooden beaters as the laying proceeds. Do not use rollers. Dress turf with finely sifted topsoil/peat/sand and brush well in to completely fill all joints. Thoroughly water the completed turf within 24 hours of laying. Neatly cut away turf to a diameter of 800 mm around individual trees and leave open.

Establishment cut: When grass is between 40-75mm high remove stones and debris exceeding 50mm in any dimension and roll with a lightweight roller. About 48 Hours later cut grass with a rotary mower to approximately 35mm high. Remove and dispose of all arisings.



12 MONTHS MAINTENANCE:

Tree and shrub areas: Regular visits (minimum 6 No.) required to maintain all planted areas in a weed free condition using a combination of chemical spray (glyphosate) and hand weeding. Persistent weeds shall be spot treated as necessary with alternative herbicides to be agreed with the CA. Any damage to existing trees or newly planted stock shall be made good at Contractor's own expense.

Any plants affected by frost heave or wind rock shall be re-firmed. Stakes, ties and guards are to be checked at each visit and adjusted or replaced as necessary.

Dead-head herbaceous plants and bulbs to maintain tidy appearance. Prune only to remove vandalised, dead, diseased or dangerous branches and suckers to promote healthy growth and natural shape. Remove any growth interfering with footpaths, parking spaces, buildings etc. Other maintenance will include watering, pest and disease control as necessary to maintain healthy growth or as required by the CA.

Grassed Areas: Grass mowing to be carried out at 2 week intervals during growing season. All grass edges adjoining shrub beds, hard surfaces and structures shall be kept trimmed to maintain a tidy appearance (minimum 4 visits per annum).

Watering is to be carried out as necessary to ensure establishment and to maintain a healthy sward. Selective herbicides are to be applied as necessary, in discussion with the CA and in accordance with manufacturers recommendations, to maintain a healthy sward.

Litter Collection: Litter collection is to be undertaken on all landscape areas during each visit to maintain a tidy appearance.

DEFECTS LIABILITY: Failures of Plants

Pre-Practical Completion: Any trees, shrubs, grass or other plants which are found to be defective at Practical Completion of the works shall be replaced by the Contractor entirely at his own cost unless the CA shall otherwise instruct. All loss or damage arising from any theft or malicious damage prior to Practical Completion shall be made good by the Contractor.

Post Practical Completion: Any shrubs, ordinary nursery stock trees or other plants found to be defective within 12 months, and any semi-mature or advanced nursery stock trees found to be defective within 24 months of the date of Practical Completion due to materials or workmanship not in accordance with the contract shall be replaced by the Contractor entirely at his own cost unless the CA shall otherwise instruct.

Key

- Existing trees retained
- Existing trees removed
- New tree planting
- New hedge planting
- New shrub planting
- Lawn
- Bulb planting

BOROUGH OF TELFORD & WREKIN
 ENVIRONMENT & REGENERATION
 13 SEP 2006
 RECEIVED
 TELFORD & WREKIN COUNCIL
 ENVIRONMENT & REGENERATION
 12 JUL 2007
APPROVED PLAN

Rev A: Adjustments to accommodate revised driveway (07/06/06)

AMENDED PLAN

Description	Drawing Name Soft Landscape proposals	
Proposed Development at Church Walk, Donnington, Telford	Dwg number 1243.03	Rev A
Drawn by AM	Scale(s) 1:200	Date 01/05/2006