

1.0 GENERALITY

- 1.1 British Standards
- Soiling and Planting Operations shall comply with all relevant British Standards. In particular:
 - BS 3882: 2015 Specification for Topsoil
 - BS 8601: 2013 Specification for Subsoil
 - BS 4428: 1989 General Landscaping Operations
 - BS 5845: 2014 Trees: From Nursery to Independence
 - BS 3936: 1992 Nursery Stock Specification for Trees & Shrubs
- Trees and Plants shall be supplied in accordance with the National Plant Specification

1.2 Description of Work

- The landscape works include all earthworks;
- Soiling, including preparation for planting
- Tree, shrub, and hedgerow planting
- Grass Seeding to the open areas
- 5 Year Landscape Maintenance Plan

1.3 Permissible Weeds

- No pernicious weeds have been identified within the areas of these works.
- No perennials shall be planted in any area of the site.
- Should the landscape contractor encounter any, notification should be provided to the Contract Administrator prior to continuing work in these areas.
- Prior to landscape works commencing in any area the landscape contractor shall ensure that the site is free of any weeds and grasses and overhead services with a view to ensuring that conflicts and hazards are eliminated prior to the works commencement.

1.5 Implementation / Programme

- It shall be a requirement that the landscape contractor shall agree matters within the work programme concerning the landscape works so that matters on site are fully coordinated with others.

2.0 EARTHWORKS AND SOILING

2.1 Existing & Imported Soils

- Soils shall comply with the relevant British Standards as above
- Soils shall be from an AS DUG source. Manufactured soils shall only be utilised if agreed with the contract administrator.
- Soils shall be accompanied with a compliance certificate along with a statement from the soil test facility of the suitability of the material for its purpose.

2.2 Soil Preparation

- Soils shall be shall be cultivated and stone picked and free of perennial weeds prior to planting or seeding operations taking place.
- In order to ensure weed free planting or seeding areas herbicides (if proposed) may be used with the Contract Administrator.
- Where herbicides shall be left for a period of two weeks after which a second application may be necessary
- Where soils are newly placed, the existing substrate shall be de-compacted prior to placement and shall be free of deleterious materials - debris, large stones etc along with any phytotoxic elements - oils paints, tar mac.

2.3 Soil Depths

- Soils shall be spread at the following depths:
 - Tree Planting - Min 350mm topsoil / 300mm subsoil
 - Shrub Planting - Min 350 topsoil / 300mm subsoil
 - Open Grassed Areas - Min 150mm topsoil / 300mm subsoil

3.0 PLANTING

3.1 Generally

- Planting operations shall take place during the planting season Nov-March unless otherwise agreed with Contract Administrator. Planting operations shall not take place in freezing or wet conditions
- Trees & Shrubs shall be supplied by one of the following nurseries or another that shall be approved by the Contract Administrator:
 - Wynvales Kings Acre Road Hereford HR4 0SE Tel 01432 845200
 - Dryvales Prochns, Welshpool SY2 9JD Tel 01938 559145

3.2 Specimen Tree Planting (Ref Dtl 1)

- Heavy Standard Trees (12-14cm Girth) Planted in Soft Areas shall be supplied in accordance with the plant schedule & National Plant Specification. They shall be supplied with a 750mm radii x min 600mm depth excavated topsoil mixed with 30% composted green waste to meet PAS 100. When backfilling allow the inclusion of Rootgrow mycorrhizal powder beneath the rootball and the inclusion of 4 Serravallo Flora Tablets.
- Each tree shall be planted at nursery depth upon a sand bed where the top surface of the rootball shall be level with the finished ground level.
- Each tree shall be staked and tied as described.
- After planting each tree shall be thoroughly watered and the area at the base mulched using an ornamental quality bark mulch to 75mm depth, min 0.5m radius / 100mm from tree base

3.3 Shrub Planting

- All plants shall generally be supplied in 3L pots sized 30-40cm height supplied in accordance with the planting schedule and National Plant Specification.
- Areas for planting shall be cultivated and stone picked and free of perennial weeds
- Plants shall be planted in excavated pits min c.300mm cu. that shall be backfilled with excavated soils that shall be thoroughly mixed with 30% by volume composted green waste to meet PAS 100 along with a proprietary slow release fertiliser. Plants shall be spaced in groups at specified densities. All plants shall be thoroughly watered immediately following planting.
- All areas of shrub planting, upon completion, and after watering shall be mulched to 75mm depth using an ornamental quality bark mulch

3.4 Hedgerow Planting

- All plants shall be supplied in 3L pots sized 30-40cm supplied in accordance with the planting schedule and National Plant Specification.
- Areas for planting shall be cultivated and stone picked and free of perennial weeds
- Plants shall be planted in excavated pits a row c.400mm wide and 300mm deep that shall be backfilled with excavated soils that shall be thoroughly mixed with 30% by volume composted green waste to meet PAS 100 along with a proprietary slow release fertiliser.
- Plants shall be planted in a single row at 4 plants per 1m metre. All plants shall be thoroughly watered immediately following planting.
- All areas of hedge planting, upon completion, and after watering shall be mulched to 75mm depth using an ornamental quality bark mulch

3.5 Grass Seeding

- Minimum soil depths of 150mm shall be allowed
- Areas shall cultivated and stone picked and free of perennial weeds after which a proprietary per-seeding fertiliser shall be spread and the areas disturbed
- Areas shall be seeded to achieve smooth finishing lines and levels. All minor holes and depressions shall be eliminated
- After settlement finished levels shall be 25mm above adjoining paving kerbs and manholes
- Seed mixture shall be mixture A24 v Germinall UK sown at the recommended rate of 50g/m sq in dry conditions when rain is forecast at the appropriate times of year. Alternatively the contractor may elect to use an appropriate hard wearing amenity turf.

PLANT SCHEDULE

SPECIES	PLANTED	SPECIFICATION	NO
TREES			
Sorbus 'Sheerwater Seedling'	Locations as shown and as Dtl 1	Heavy Standard 12-14cm Rootballed Tree / 2.0m clear stem from ground	2
Prunus c. 'Chanticleer'			2

Hedgerow Planting

Species	Planting Density	Planting Dimensions	Notes
Berberis darwinii	3L Pots 30-40cm	92	Planted at 5 plants per m in a single row approx. 250mm apart
Phytolita x fraseri	3L Pots 30-40cm	62	
Little Red Robin			

Ornamental Shrub Planting

Species	Planting Density	Planting Dimensions	Notes
Rosa Kent	4 per m sq	3L Pots 30-40cm	28
Viburnum davidii	4 per m sq	3L Pots 30-40cm	16
Choisyia White Dazzler	4 per m sq	3L Pots 30-40cm	30
Prunus Oho Luyken	4 per m sq	3L Pots 30-40cm	12

Grassland (c.58m-sq)

Seed mixture shall be mixture A24 by Germinall UK sown at the recommended rate of 50g/m sq.

ESTABLISHMENT MAINTENANCE

4.1 Implementation / Establishment Maintenance

Immediately following the Practical Completion the Maintenance period shall commence and shall include the following:

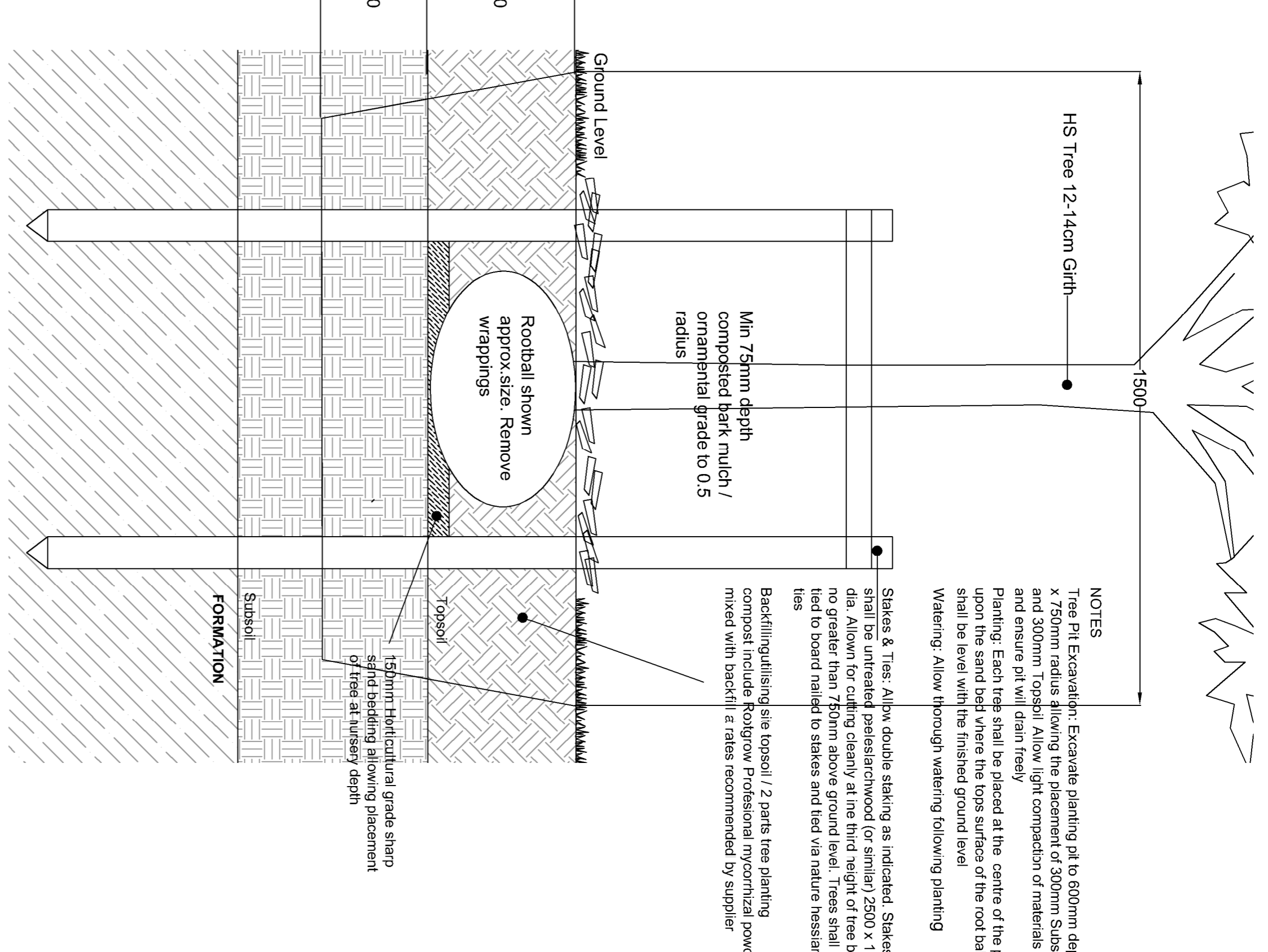
- Any trees or plants which die, are eroded or become severely damaged or diseased shall be replaced within 28 days of the date of identification of the planting season following these dates with the intention of providing the landscape scheme in accordance with the plan.
- The matters below shall be minimally allowed for each of the years following Practical Completion:
 - Litter picking (10x pa)
 - Replacement of failed plants annually (1x)
 - Weeding (10x pa)
 - Mowing (10-2x) Species rich grassland
 - Pruning & Hedge Trimming (1x)
 - Watering (during droughts allow 4x pa)

In the above the following shall be allowed

- 4.2 Trees
 - Check weeds at base / top up mulch
 - Allow pruning/dead dying or diseased wood annually removing arisings
 - Allow replicating/fixing tree stakes and ties
 - Remove stakes at Year 5
- 4.3 Hedgerows (Maintained no greater than 1.0m Height)
 - Remove litter / debris
 - Check weed & grass growth throughout areas
 - Top up mulch
 - Apply spring fertiliser - slow release granules
 - Allow feeding up of hedgerows 1 x annually ending the Bird Nesting Season 1st Mar - 30th Sept Inc) in late Autumn and late Winter. Allow vertical growth for first 2 seasons after planting, thereafter topping off of hedgerow at 1.0m height. Remove arisings
 - Allow leaf collection
- 4.4 Shrub Plants
 - Remove litter / debris
 - Check weed & grass growth throughout areas
 - Top up mulch
 - Apply spring fertiliser - slow release granules
 - Allow pruning as necessary maintaining all shrubs at c.1.0m Hgt. Remove arisings
 - Allow leaf collection
- 4.5 Grassland / Meadow following establishment:
 - Remove litter / debris
 - Allow weed control
 - Allow min 10-2 cuts per annum maintaining grass at no more than 75mm.
 - Allow removal of all arisings from site.



Dtl.1 Heavy Standard (HS) Tree Planting 12-14cm Scale 1:10



NOTES
 Tree Pit Excavation: Excavate planting pit to 600mm depth x 750mm radius allowing the placement of 300mm Subsoil and 300mm Topsoil. Allow light compaction of materials and ensure pit will drain freely.
 Planting: Each tree shall be placed at the centre of the pit upon the sand bed where the tops surface of the root ball shall be level with the finished ground level.
 Watering: Allow thorough watering following planting

Stakes & Ties: Allow double staking as indicated. Stakes shall be untreated peaseastarwood (or similar) 2500 x 100 dia. Allow for cutting cleanly at line third height of tree but no greater than 750mm above ground level. Trees shall be tied to board nailed to stakes and tied via nature hessian ties.
 Backfilling/qualifying site topsoil: 2 parts tree planting compost include Rootgrow. Professional mycorrhizal powder mixed with backfill at rates recommended by supplier

Notes:
 This drawing relates to the soft landscape matters only
 For other matter including the following refer to information supplied by others:

- Drainage and Utilities
- Hard Surfaces
- Boundary structures - fences, gates, walling

Issue 2 April 2025 Minor amendments requested by Architect on 11.4.25 FOR PLANNING ONLY
 Issue 1 March 2025 FOR PLANNING ONLY

Robert Rodger, Landscape Architect	
Landscape Architecture - Landscape Planning - Urban Design	
Rivington, Church Lane, Farnon, Chester CH3 6OD	
Client	S & B Developments Ltd
Project	Commercial Road Newport
Dwg. Title	Landscape Layout & Specification
Date	Apr 2025
Drawn	RKR
Scale:	100 @ A1
Dwg Nr:	RAL388-01
Issue:	02

Softworks Planting Layout Scale 1:100

COMMERCIAL ROAD