



SEE TERRA FIRMA DRAWING 1510-1002 FOR FIELD 2

**SPECIFICATION NOTES**

- General**  
This plan is to be read in conjunction with the following documents:  
- LVA and Design and Access Statement documents
- General landscaping**  
Existing levels to be preserved around retained trees and vegetation. Existing trees and vegetation to be retained in accordance with BS5829 during construction. All landscape works to be undertaken by competent persons, with appropriate training and equipment. All stumps to be removed from site at contractor's expense unless otherwise (eg. woodchip, gravel, bioret, fiber deepens).
- Services**  
The contractor must ascertain for himself/herself the exact location of underground services before commencing work.
- Topsoil**  
Topsoil to be handled (i.e. excavated and/or imported, stored, spread, cultivated) in accordance with method agreed in writing by Landscape Architect prior to work commencing. Amelioration to be as determined by analysis. If poor drainage is suspected in existing soil surfaces, these should be broken up prior to planting, tuffing and seeding to a depth of 300mm to remove likelihood of compaction and damage to new planting and turf.  
Where topsoil is to be imported, soil medium parameters to be within the following:  
Soil texture: sand 20-75%  
                  silt 1-240%  
                  clay 5-30%  
Maximum stone size in any 200mm depth: 5.5 - 7.8  
Electrical conductivity: 100-800 µS/cm  
pH: 5.5 - 7.8  
Organic matter: > 4%  
Nitrogen: > 1.2%  
Phosphorus: > 26 mg/l  
                  > 240 mg/l  
Magnesium: > 16 mg/l  
Imported topsoil to be a good quality loam to BS 3882. Soil to be in accordance with the 'Topsoil and Subsoil Specification' document. All topsoil areas shall be thoroughly cultivated by hand or suitable machinery to the full depth of the topsoil layer, incorporating ameliorants as specified and/or as indicated by analysis and/or as directed by the Landscape Architect. Hand cultivations shall be carried out to achieve the required finish on areas where machine cultivation is impossible or adjacent to kerbs, manholes and footpath junctions etc. Surface plant matter, rubbish and surface stores having any dimension greater than 25 mm shall be collected and removed from the site. Existing topsoil to be stripped and re-used if suitable as per specification. Topsoil to be stored in heaps, maximum of 2m in height, providing soil is reasonably dry and stable during stripping and handling - using a tracked excavator. To protect from wet weather once final height is achieved, an excavator should grade the sides and top of stockpile to firm surface by tracking access to it to form a smooth gradient.
- Fertilizer/Compost**  
Approved (peat free) composts to PAS100 and fertilizers to be added during cultivation as required to full depth of growing medium.
- Plant Handling**  
Plant handling at the nursery, and during transit up to delivery, shall be in accordance with 'Plant Handling', the booklet published by the Committee for Plant Supply and Establishment (CPSE). The contractor shall comply with clauses 3 & 4 of the above booklet (obtained from the Horticulture Trades Association, 19 High Street, Tredegar, Brecknock, NP23 5JH) which refers to the receipt, conditioning and temporary storage of plants. General plant stock to conform to BS 3886, advanced nursery stock to BS 5236, and planting to BS 4428. Plants shall be first class examples of their species or variety, free from all pests and diseases, with good fibrous root systems and materially undamaged (refer to relevant sections of BS 3886 Parts 1-4 'Specification of Nursery Stock', all planting operations to be in general compliance with BS 5412: 1999 'Code of Practice for general landscape operators (excluding hard landscaping)').  
Care of all planting while soil and weather conditions are suitable:  
- Do not plant during periods of frost or strong winds. Plant only when conditions are favourable.  
- Deciduous and conifer trees: Late October to late March.  
- Container grown plants: At any time if ground and weather conditions are favourable. Ensure that adequate watering and weed control is provided.  
- Bulbs: September/October  
Retrieval of planting beds to be approved by Landscape Architect before work commences. Ensure that plant beds are neatly defined, and rise from adjacent paved areas. All ornamental planting areas to be mulched with 75mm (settled depth) bark mulch. Sample of mulch to be approved by Landscape Architect. Topsoil depth to be 400mm for planting and 150mm for grass.
- Trees**  
Trees shown on plan to be planted with species as labelled or similar approved. All trees to be planted in pits. Depth of tree pits to be the same as the rootball and with overall width to be 150mm wider than the diameter of the rootball (75mm min. from rootball edge to tree pit side). Pits to be backfilled with 300mm depth of specified topsoil. Water to be applied hourly after planting and surface mulched 75mm depth. All trees to be provided with a 50mm x 50mm windbreak enclosure min. side staked for 10' standards and light standards or 4 stakes for wider specimens; treebanded and provided with wind break wrapping around staking and shelterguard to trunk. Sample of staking to be approved. Tree stakes to be stained black. Any necessary tree works are to be carried out by an approved tree surgeon to BS 3998. Trees planted in grass lawn to be set in bare earth circles. 1m diameter around tree trunk, with turf trimmed evenly to form circle, and earth mulched with approved bark mulch to 75mm depth after planting.
- Hedges**  
Plants to be heathered to ground. Plant in single row 400mm apart. Planting trench to be minimum 300 width x 300mm depth so as to accommodate full root spread.
- Shrub & Ground Cover Planting**  
All plants to be planted in cellular planting beds at densities shown in plant schedule. In pits of min. size 0.3m x 0.3m x 0.3m deep so as to accommodate full root spread, backfilled with 80% clean topsoil and 20% approved green compost to PAS100 and 20 gms granular fertilizer. All shrub beds to be in min. 300mm good quality, well prepared (see spec note 4 if approved) and to be mulched with 75mm depth approved bark mulch after planting.
- Bulbs**  
All bulbs to be planted at the rate given in the schedule, in random mixed drifts of single species in areas indicated on the plan, minimum 15 bulbs per drift of single species. For planting, naturalize bulb positions by dropping bulbs from waist height. Neatly remove a plug of turf and replace after planting. Plant so that the top of the bulb is at or slightly above ground level. Bulbs should be no closer together than approximately twice the width of a single bulb.
- Grass seeding**  
Prepare soil (lith) in accordance with seed suppliers recommendations. The soil shall be level, minimum 150mm depth, and weed free prior to seeding. Contact seed supplier for detailed instructions for all areas of sward growth. If 4 weeks before grassing and repeated if necessary to maintain a weed free bed. Where deep rooted weeds are present (cloaks, thistles etc.) approved Glyphosate based herbicide should be applied as a spot treatment. Seeding shall be carried out in accordance with suppliers recommendations. Seed only during appropriate seasons (generally March/April and August/September) and while soil and weather conditions are suitable for the relevant operations. Only machinery and tools suitable for the site conditions and the work to be carried out shall be used. Hand tools shall be used around trees, plants and in confined spaces where it is impractical to use machinery.
- Maintenance**  
Establishment maintenance for all planting for 5 years from Practical Completion to include weed control, watering and replacement of failures to original specification in the planting season following issue. All plant material to receive annual pruning and hedges and groundcover to be trained and edged with minimum 2 times per year. Mowing of amenity grass to be carried out using approved machinery to maintain the vegetation length within the limits of 30 mm and 50 mm during April to August inclusive and between 20 mm and 70 mm during the rest of the year. Mow grass areas where left unmown to receive a main summer 'hay cut' in combination with autumn and spring mow. Leave grass to flower from spring through to late July/Aug to give some species the opportunity to flower. After flowering carry out a 'hay cut' with a minimum 50mm. Leave 'hay' to dry and shed seed for 1-7 days then remove from site. Mow regrowth through to late autumn to 50mm and again in spring as needed.

- Trees**
- | Species                 | Specification  |
|-------------------------|--|
| Abutilon unedo          | 0.5m height & spread RB/CG                             |
| Catalpa bignonioides    | 6-8m girth 2.5m+ height staked and tied Light Standard |
| Catalpa (var. leucarpa) | 6-8m girth 2.5m+ height staked and tied Light Standard |
| Cupressus macrocarpa    | 0.5m height RB/CG                                      |
| Pinus maritima          | 0.5m height RB/CG                                      |
| Quercus robur           | 6-8m girth 2.5m+ height staked and tied Light Standard |
- Fruit Trees**
- | Species                 | Specification           |
|-------------------------|-------------------------|
| Malus species (Apple)   | 1.5m+ height 3 standard |
| Prunus species (Cherry) | 1.5m+ height 3 standard |
| Pyrus species (Pear)    | 1.5m+ height 3 standard |

- Hedges**
- All SL CG 60-80cm height feathered hedging plants @ nom. 400m centres single rows in front of fence
- Species**
- Griselinia littoralis
  - Ilex aquifolium
  - Ligustrum ovalifolium
  - Lonicera nitida
- Cornish Hedge & Indigenous Planting Mix**
- Cornish hedge to be 1.2-1.5m high earth packed dry stone wall in accordance with 'The Code of Good Practice for Cornish Hedges'. Locally sourced plants of Cornish provenance planted @ 400mm centres, single row to the top of the wall. 40-60cm height BR high whips protected by rabbit guards. Grown to 1m height above wall and allow occasional standards to form trees especially at junctions/corner/adjacent points and other items to screen or frame.
- Indigenous planting mix to north corner buffer to be planted 4m per m2 and then mulched 75mm thick where ground is flat.
- Species**
- Crotalaria monogyna BR 40-60cm height
  - Dryopteris filix-mas 2L CG
  - Hedera helix 2L CG
  - Prunus spinosa BR 40-60cm height
  - Sambucus nigra 2L CG

- Shrubs & Groundcover Planting**
- All 2L CG @ 3-6 per m2 depending on species
- Species**
- Berberis thunbergii atropurpurea
  - Ceanothus thyrsiflorus 'Revens'
  - Chaenactis tenuis
  - Cytisus scoparius
  - Elaeagnus ebbingtonii
  - Eucynia fortune 'Silver Queen'
  - Fuchsia magellanica
  - Gemata lydia
  - Hebe species
  - Hebe 'Green Ripple'
  - Hippocrepis emerus
  - Hydrangea species
  - Lavandula angustifolia 'Hidcot'
  - Lonicera pileata
  - Potentilla species
  - Rosmarinus officinalis
  - Rosa rugosa var.
  - Sedum spectabile 'Autumn Joy'
  - Senecio 'Sunshine'
  - Spirea japonica 'Anthony Waterer'
  - Symphoricarpos 'Mother of Pearl'
  - Vinca minor

- Perennials**
- All 2L CG @ 3-6 per m2 depending on species
- Species**
- Agapanthus 'Blue Giant'
  - Amorpha canescens
  - Crocus 'Ludlow'
  - Campanula
  - Digitalis
  - Echium
- Bulbs**
- Species**
- Cyclamen sp.
  - Narcissus sp.
- Grass Seed Mixes**
- 'Wildflower' grass seed mix to be - Emorsgate EM2 - Standard General Purpose Meadow Mixture (as supplied by Emorsgate Seeds, tel 01553 820028), or approved alternative). Sowing rate 4g/m<sup>2</sup>.
- Amenity grass seed mix to be - Pro 25 'Glo-slow' seed mix for 'poo' soils' (as supplied by DLE Trifolium, tel 01396 791102), or approved alternative). Sowing rate 35g/m<sup>2</sup>.

**KEY**

**Proposed planting**

- Specimen trees (Tree planted within grass areas to be set in 1m dia. mulched earth circles)
- Indigenous planting mix
- Proposed hedge
- Charismatic shrubs and groundcover planting
- Meadow grass areas
- Amenity Lawn
- Defensive planting

**Proposed pedestrian paving**

- Concrete paving - laid stretcher bond, buff finish, Marshalls conservation paving or equivalent
- Bitmac - black finish
- Hogon footpath

**Proposed vehicular paving**

Note: Concrete kerbs 4 edges in street grey, reconstructed stone finish, Marshalls conservation kerbs or equivalent

- Bitmac - black finish with exposed grey aggregate
- Block paving - permeable, laid herringbone pattern, severe grey finish, Marshalls Tegris block or equivalent
- Block paving to car parking courts - permeable, laid 90° pattern, Buff finish, Marshalls Tegris 100x200x60mm
- Block paving to car parking bays - permeable, laid 90° finish, Marshalls Tegris 100x200x60mm. Bays demarcated with Marshalls Keylock 100x200x60mm Charcoal colour.
- Rumble strip - laid stretcher bond, reconstructed granite setts, Marshalls conservation setts or equivalent
- Vehicular cross over - dropped kerb
- Reinforced grass

**Fences & Walls**

- Fence - 1.5m high timber close board with 300mm battens (both access gates where paths are shown with concrete post)
- Fence near garden - fast 1.2m length from rear of house, fence to be timber close board 1.2m high, 2m high CB fence with 300mm battens with concrete post
- Fence - timber post fence 1.2m high
- Fence - fence rail
- Play area fence - 1m high fence 4 gates
- Cornish hedge 1m high - planted earthstone wall in traditional style
- Cornish hedge 1.5m high - planted earthstone wall in traditional style
- Existing Cornish hedge

**Signage**

- Fingerpost

**Street Furniture/Storage/Misc**

- Seating
- Bollard
- Shield
- Bins - 140 x 240 ltr
- Composter
- Water butt (with paved base)
- Root barrier - Green Blue Urban Rammed 2000 (refer to detail on drawing 1510-1002)

**drawing notes**

© Copyright reserved  
Do not scale from this drawing  
Figure dimensions only to be taken from this drawing  
All dimensions to be checked on site

**purpose of issue**

PLANNING - NON MATERIAL AMENDMENT

**project**

ST BURRYAN

**drawing title**

LANDSCAPE PROPOSALS - FIELD 1  
(based on site plan by Feboldesign)

**drawing no.**

1510-1001

date	revision	by	notes
10/05/21	PS		Revised gravel replaced with permeable block paving
09/07/21	PS		Lighting product specification added
09/07/21	PS		Final planting quantities added
09/07/21	PS		Final planting quantities to be revised
09/07/21	PS		Final planting quantities to be revised
11/11/21	PS		Final planting quantities to be revised
13/09/21	PS		New site plan & highways layout
17/06/21	PS		Minor amendment to layout adjacent to plots 14 & 35
02/05/21	PS		New site plan, planting amended
26/02/21	PS		New site plan, planting amended
27/11/21	PS		New site plan, planting amended

**scale**

1:200 @ A4 date 13.06.13 drawn by PS checked by LF

**terrafirma**  
LANDSCAPE ARCHITECTS

Head Office: 100, 101 & 102, The Quadrant, Exeter, Devon, EX1 1JG. Tel: +44 (0)1392 262000. Email: info@terrafirma.co.uk  
Regional Offices: 100, 101 & 102, The Quadrant, Exeter, Devon, EX1 1JG. Tel: +44 (0)1392 262000. Email: info@terrafirma.co.uk