

Specification for Soft and Hard Landscape Works. All landscape works shall comply with BS 4428:1989.

set out using radii scribed on the ground using two pointed stakes and a line between, or with site marker paint. The June between convex and concave curves shall be cut to form a smooth and even flowing line. Check that all setting out conform the plan before cultivation and planting works are carried out. Failure to do so may result in rejection of the work by the landscape architect and may require amendment at the contractor's expense.

2. All planting beds shall be a minimum of I metre wide, except where there is insufficient space, due to the constraints o walls and path edgings and their foundations. With narrow beds between walls/fences and path edgings, ensure that the be has space free from concrete footings before planting. If the bed is sealed with concrete, then the landscape contractor sha contact the site manager or landscape architect to determine if footings are excessive and can be reduced or else, the bed be paved. The width of all beds will be checked by the inspecting landscape architect and where the width is not as drawn, contractors that except the contractor shall executivate them to the concepting with at his year expense.

or shall re-cultivate them to the specified width at his own expense.

Ind Preparation.

Inanting herbicide application shall be applied by suitable spraying apparatus using an approved translocated systemic to manufacturer's instructions and to 1997 Control of Pesticides Regulations and 2003 COSHH regulations on all bed lose which are both weed free and are to receive geotextile sheet mulch. Spray immediately if any weeds are present es showing, but there may be a delay before planting, or the area is to be seeded, spray after one month following in, to allow dormant seed to germinate. All spraying shall be carried out by skilled and qualified operatives, using elothing, in suitable weather (no wind) and any damage caused by spray drift, from incorrect usage or spillage, she at at the contractor's own cost. Repeat as necessary to ensure complete kill and rake off all dead material from site. To out the following works to the existing topsoil on site to ensure it conforms to BS 3882:2015, being free from rocks an 50m diameter, concrete, all roots, wire, brick, and have less than 20% clay. Allow for pre-application of herbicid curver's instructions. For beds less than 5 meters in width, fork over thoroughly or machine rotovate soil to a depth of ensuring that the subgrade and topsoil using a tractor mounted subsoiler or ripper at 500mm on a depth of 500mm, except where there are services, or within 10 meters of tree stems or 3 meters of existing bo not rip areas where roots greater than 10mm diameter are encountered. Do not break up soil within the root in zone of any retained tree. Refer to All About Trees Arboricultural Implications Assessment for further information. Time before submitting a tender, the extent of support from the site manager with ground preparation: ensure soil ong beds is graded to a level 65mm below adjacent grass or paved surfaces, (90mm below where agro-textile set mul scribed), within 400-600mm of edges to ensure bark or wood chip mulcibes are retained. Where grass is proposed, the vest

rain from paths on to planted areas, piping areas to be turfed adjacent to paved areas, topsoil levels shall be graded flush with the finished pavement le form below), to allow surface water to drain from pavements to soft areas. Soil of grass areas should therefore roud of paved areas. Soil levels more than 10 mm below pavement edges will cause mower damage on cutting of topsoil (where specified and sanctioned by the employer) for making up ground, shall conform to BS 3882: 26 from rocks (over 50mm diameter), concrete, roots, wire and brick, and have less than greater than 20% clay. 3 e cultivated as set out above. Representative samples shall first be approved by the landscape architect before cultivated as set out above. Representative samples shall first be approved by the landscape architect before lied to site. No imported soil shall be supplied to site without a written instruction.

9 withing must be carried out in accordance to the specification and schedule of quantities accompanying these drawine specification for the preparation of existing topsoil and required depths for planting, turfing, and standard trees, or maintenance requirements. Stitutions will be accepted without the prior agreement of the inspecting landscape architect. The contractor shall once at his own cost any stock size, species or variety of plant which has not been specified on the planting plan a unless prior agreement to a substitution by the landscape architect has been received. All plants shall be true to s the schedule of plants and associated notes, (31) pots are 19pm diameter and 15cm deep). All shrubs, (other here), shall be 400-600mm height and spread, or otherwise specified for the pot size by the HTA National Plant on and be bushy, healthy, disease free stock, not pot bound, leggy or spindly. There should be a minimum of 5 shrub. This specification is the minimum standard required and any stock falling below this standard, in the sole the inspecting landscape architects, shall be lifted and replaced at the contractor'

ing varieties of climber shall be trained to walls/fences by mounting ready-made trellis panels 1.8 x 1.8 mgenerally (be find for corners or where space is restricted). Include for adapting any panels for locations where walls or fences are an 1.8m. Fix trellis panels to the walls/fences using non rusting screws 125mm long (to be approved), incorporating ube wood spacing blocks to ensure that the panel is mounted sufficiently far from the wall/ fence to allow twining of insure that all timber is pressure impregnated with a non phyto-toxic preservative and then painted with a dark brown to-toxic preservative wood stain such as Sadolin "Classic" walnut or similar and approved. Ensure that the trellis is not ct with the ground. Train the climbing shrub to the trellis with plastic coated garden wire tags. Been specified outside proposed shrub beds shall have specially prepared climber pits. Climber pits shall be 400mm x and 600mm deep (minimum size), and be abcdiffiled with topsoil (from site - unless otherwise agreed). Ensure the bat is thoroughly broken up and free draining before back filling with topsoil. Ensure no damage to foundations and , and make good all structures and surfaces disturbed. Fertilise with 50g of Fisons "Neutrocote" slow release fertiliser. the

1. When specified by the additional specification notes on this plan, supply and spread agrotextile "Weedstop Fabric" shee mulch over planting beds, previously, cultivated, graded and fertilized topsoil before planting, and peg down with Weedsto pegs at a minimum of 500mm centres, (300mm at edges) and beds less than Im wide. Pegging this densely is essential to prevent flaps of material becoming exposed. Refer to the specification for "Weedstop Fabric" sheet mulch on plan.
2. Following planting supply and spread evenly Melcourt Industries "Rustis Biomulch" to a depth of 50mm, (75mm if no sh mulch specified), over all planted areas. Finished mulch levels shall be no higher than 15mm below pavement or grass leve avoid any spillage onto pavements or lawns. N.B. no substitution of mulch type will be acceptable. It is essential to have a no-fines, large particled, brown wood chip to reduce weed growth, reduce wind blow and prevent rapid break down.

General landscape operations (excluding hard surfaces) - BS 4428:1989. Trees in relation to construction- BS 5837:2012. BS 3998:2010 (recommendations for tree works) unless otherwise specified. Arboricultural Association - GN 8 Framework for tree work contracts - standar

for tree works 2008.

- BS 5451-2014 Trees: from nursery to independence in the landscape. Recommendations

- Nursery stock in accordance with latest horticultural trade association nursery stock specification entitled "National Plant Specification 2001".

- Turf - BS 3969:1998- recommendations for turf for general purposes.

- Seeding - EEC Regulations 1974. Use blue labelled certified varieties to EC purity and germination regulations. When requested, submit an official seed Testing Station Certificate of germination, purity and composition.

- Topsoil - BS 3882:2007

- Pesticides: Control of Pesticides Regulations 1997; The Health and Safety at Work Act 1974; the COSHH Regulation 2003, the product COSHH sheet Water Supply (Water Quality) Regulations amended 1991; Control of Pollution Act 1974; Hedgerow ACT 1997; Wildlife and Countryside Act 1981.

F. General Notes for the Developer.

1. Tree Protection

Please refer to All About Trees' tree protection information. No digging to take place within the root protection zones of protected trees.

protected trees.

2. Ground Work

Soll levels for shrub beds and grass areas should have any compacted subgrade thoroughly broken up by machine before instructing the ground worker to spread topsoil or the landscape contractor to commence work or the beds will become waterlogged in wet weather and the plants and turf.

Top soil spread from on site should be to the following minimum depths:- Shrub beds: 350mm. Grass areas 150mm. allow for excavation of 415mm of the subgrade for shrub beds to leave beds 65mm below finished pavement or grass areas in order to receive sheet and bark mulch, (90mm below where sheet mulch is not be used). Tree pits will be as per BS 8545:2014. Top soil shall be spread for grass areas flush with any areas of paving and after settlement, the soil level should be no greater than 10mm below paved areas to allow for turf. For areas to be grass seeded, the soil level shall be flush with any finished paved surfaces after settlement (or to a maximum of 5mm below) to allow for rain water to drain onto soft surfaces. Settlement shall be no greater than the tolerances given or problems will be encountered with moving (the blades in danger of touching concrete edgings) or where soil is proud of pavements, then drainage problems will be encountered.

Existing topsoil and imported soil shall conform to BS 382:2007, and be free from compaction, rocks/bricks greater than 50mm diameter, concrete, wire, roots, debris, oil, cement and builders rubble. Soil shall have a clay content of less than 20%.

Root protection zone, as calculated using BS5837:2012. Any works within this zone to be undertaken as per method statement contained in accompanying Arboricultural Impact Assessment.

Existing tree/hedge, to be protected and retained.

Existing tree/hedge, to be removed and replaced as part of detailed landscape proposals

Location of tree protection fencing, as detailed

above, to BS5837:2012, at commencement of site works.

Secondary location of tree protection fencing, as detailed above, to BS5837:2012, to allow for construction of boundaries etc

Semi-mature standard tree planting in grassed or planted areas. Tree pits as per BS 8545:2014. To

include single 1.6m timber stake, 600mm above ground, spacer and biodegradable tie.

Extra heavy standard tree planting in grassed or planted areas. Tree pits as per BS 8545:2014. To include single 1.6m timber stake, 600mm above ground, spacer and biodegradable tie.

Ornamental shrub planting, including 50mm depth no-fines bark mulch. Individual species to be planted

in groups of no more than 7 plants.

Infill planting against existing hedgerow, where required, using 60-80cm Hawthorns in double-staggered row at 300mm centres.

Native hedge planting.

Areas to be turfed.

Areas of species-rich shade tolerant wildflower seeding, such as Emorsgate Mix EW1F.

Highway verges to be planted with native spring bulbs and turfed.

Native marginal planting.

Native woodland planting including tubular guards and stakes.

Revision A: Minor layout amendments to plots 1-5. PDP. 19.08.20

Great Asby
Appleby in Westmorland
Cumbria
CA16 6HD



Project Chatburn Road, Clitheroe

Drawing title

Detailed landscape proposals & tree survey Phase 3

Scale Drawn by Date 1:200 @ A0 PDP March 2020

Drawing No.

c-981-40 Revision A