

PROPOSED PLANTING SCHEDULE

TREES					
Number	Species	Girth	Height	Specification	Density
3	Acer campestre	12-14cm	350-425cm	Heavy Standard :Clear Stem min. 200 :5 brks :BR	Counted
2	Acer campestre 'Elsrijk'	12-14cm	350-425cm	Heavy Standard :Clear Stem min. 200 :5 brks :BR	Counted
2	Betula 'Edinburgh'	12-14cm	350-425cm	Heavy Standard :Clear Stem min. 200 :5 brks :BR	Counted
3	Betula pendula 'Golden Cloud'	14-16cm	425-600cm	Extra Heavy Standard :Clear Stem min. 200 :5 brks :RB	Counted
2	Quercus robur	12-14cm	350-400cm	Heavy Standard :Clear Stem min. 200 :5 brks :BR	Counted
3	Quercus robur 'Fastigiata Koster'	14-16cm	425-600cm	Extra Heavy Standard :Feathered to base :5/7 brks :RB	Counted
1	Quercus robur 'Fastigiata Koster'	14-16cm	425-600cm	Extra Heavy Standard :Clear Stem 175-200 :RB	Counted
Total : 16					

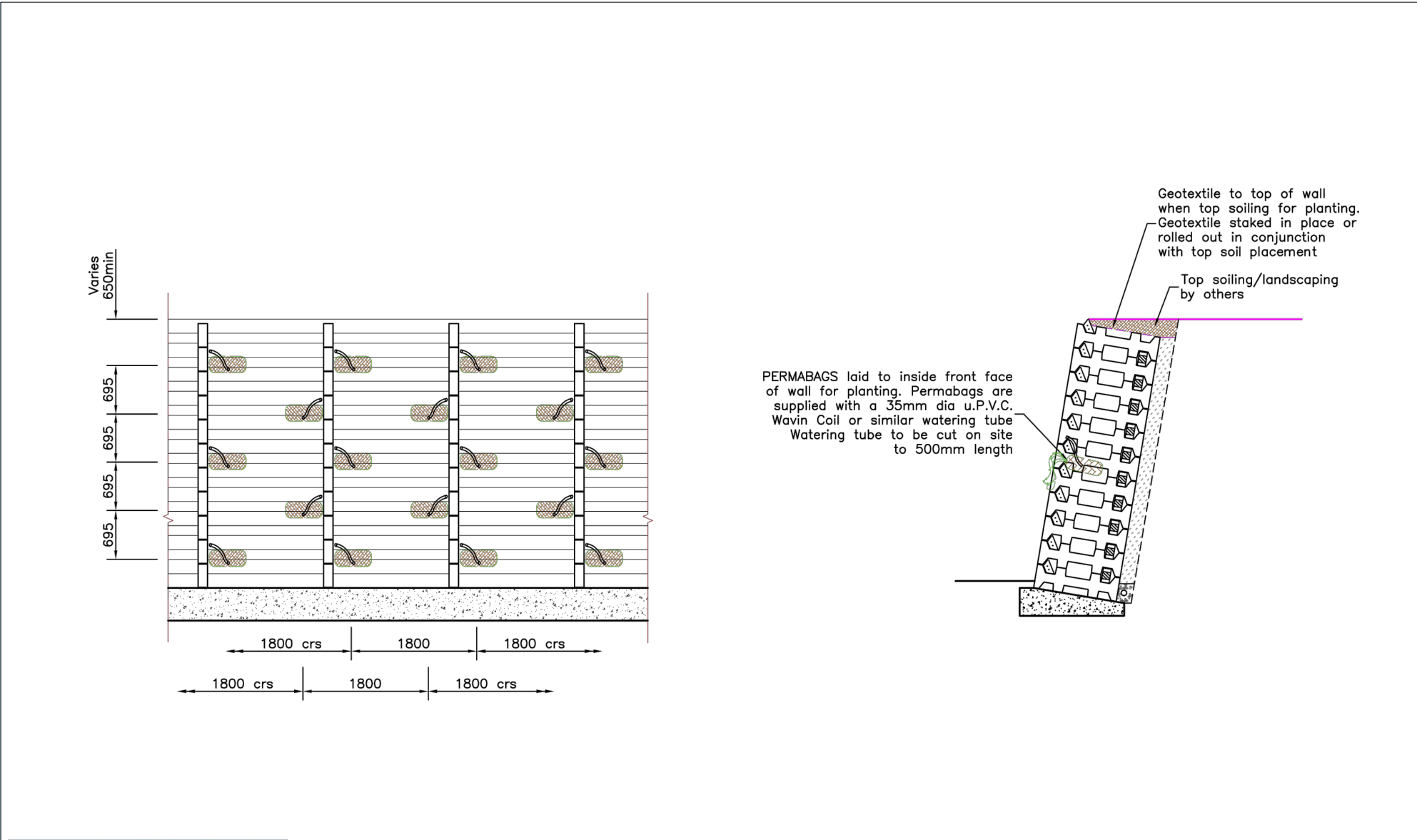
SHRUBS					
Number	Species	Height	Pot Size	Specification	Density
278	Carpinus betulus	100-125cm		Hedge stock :Feathered to base :Bushy :BR	0.5Ctr
6	Carpinus betulus	100-125cm		Hedge stock :Feathered to base :Bushy :BR	0.5/m²
47	Cornus alba 'Sibirica'	40-60cm	3L	Bushy :Several shoots :C	3/m²
53	Lonicera pileata	30-40cm	3L	Bushy :C	4/m²
84	Lonicera pileata Maigrun	30-40cm	3L	Bushy :C	4/m²
12	Pyracantha 'Teton'	60-90cm	5L	Leader With Laterals :Bushy :C	0.5Ctr
9	Rubus 'Betty Ashburner'	20-25cm	2L	Several shoots :C	4/m²
100	Viburnum burkwoodii 'Anne Russell'	30-40cm	3L	Bushy :C	2.5/m²
Total : 589					

CLIMBERS					
Number	Species	Height	Pot Size	Specification	Density
57	Hedera helix 'Green Ripple'	40-60cm	2L	Several Shoots :C	4/m²

HEDGES					
Number	Species	Height	Pot Size	Specification	Density
48	Carpinus betulus	100-125cm		Hedge stock :Feathered to base :Bushy :BR	0.45Ctr Double Staggered at 0.5m offset
Total : 48					

MIXED NATIVE SPECIES					
Number	Species	Height	Specification	Density	%
105	Acer campestre	90-120cm	Hedging stock :Feathered Whip :BR	0.5Ctr	10%
105	Cornus sanguinea	90-120cm	Hedging stock :Feathered Whip :BR	0.5Ctr	10%
105	Corylus avellana	90-120cm	Hedging stock :Feathered Whip :BR	0.5Ctr	10%
414	Crataegus monogyna	90-120cm	Hedging stock :Feathered Whip :BR	0.5Ctr	40%
105	Ilex aquifolium	40-60cm	Hedging stock :BR	0.5Ctr	10%
105	Prunus spinosa	90-120cm	Hedging stock :Feathered Whip :BR	0.5Ctr	10%
54	Rosa canina	90-120cm	Hedging stock :Feathered Whip :BR	0.5Ctr	5%
54	Viburnum opulus	90-120cm	Hedging stock :Feathered Whip :BR	0.5Ctr	5%
Total : 1047					Total :100%

ANDACRIB WALL - PERMABAG INSTALLATION - Refer to Phi Group Landscape details



NOTES

Ground work within RPA of existing trees - Any required excavations within RPA's for the new planting and fence posts shall be undertaken by hand using hand held tools only to minimize any root damage. All such works will be undertaken in full accordance with Section 7.2 of BS5837: 2012. Any required root pruning will be undertaken by the Arboricultural Consultant (where such works are appropriate in accordance with the above Standard) and as detailed in Section 7.2.

New Fencing: All fence posts within RPA's shall be locally adjusted to avoid significant roots and undertaken by hand using hand held tools to minimize any root damage.

Hard landscape details and drainage - refer to Architects and Engineers details. For details on retaining structures, please refer to engineers / architects details.

Levels: proposed detailed levels to be provided by Engineers details.

Surface finishes: to be installed in accordance with the manufacturers instructions. All hard surfaces laid to falls.

SPECIFICATION NOTES - These implementation and maintenance specification notes are for planning purposes only and do not constitute a detailed landscape specification.

SITE PREPARATION

Scrub clearance: removal of scrub, bushes, undergrowth, saplings and seedlings from areas for proposed planting and sowing by hand or mechanical means. It shall include the grubbing up of all stumps and root runs which can be taken out without undue removal of topsoil.

Existing topsoil and subsoil: the onsite topsoil and subsoil from site is to be stripped for reuse a Soil Stripping and Stockpiling Specification to be produced by a recommended soil scientist. Retained top soil (free of subsoil, pernicious weeds, demolition or construction rubbish, roots or other contaminants) should be loose tipped in linear heaps on to the agreed & prepared storage site, ensuring the heaps do not exceed 1.5 -2.0m in height and 3m in width.

Existing subsoil and topsoil for general planting areas: the onsite topsoil and subsoil shall be tested and checked to comply with the British Standards recommendations and undertaken by an approved independent laboratory (such as Tim O'Hare Associates or equivalent approved soil scientist). Provide subsoil and imported topsoil as necessary to make up any deficiency on site.

Natural or imported subsoil (from and approved source), tested to determine suitability for use for landscape planting areas. Test report submitted for approval and any deficiencies identified to enable ameliorant's recommendations. Subsoil shall comply with BS 8601:2013 - Specification for subsoil and requirements for use supplied from an approved source.

Imported Topsoil

Provide imported topsoil only as necessary to make up any deficiency on site. Imported topsoil shall be to BS 3882: 2015: *Specification for topsoil and requirements for use*, Multi-purpose grade - (Landscape 20) and be of medium texture with a high proportion of loamy material. It shall be free from subsoil, rubbish, roots of perennial weeds and other injurious to plant growth. Imported topsoil shall be from an approved source and a sample submitted and analyzed/tested at an independent approved laboratory. Soil Handling: The soils shall be handled in accordance to the Good Practice Guide for Handling Soils. Soil handling shall only take place during the driest parts of the year to prevent compaction of the insitu soils. All topsoil used for planting shall be tested by an approved Topsoil Analysts and any required amelioration or soil improver required shall be carried out in accordance with the topsoil Analyst Report. The topsoil shall be free from harmful trace elements, including phytotoxic and zootoxic elements harmful both to plant growth and man. The topsoil should be tested by physical and chemical analysis and should state clearly the physical characteristics of the soil, levels of micro-nutrients and chemical content. All fertilizers and added nutrients shall be applied by a qualified staff or supervised so the correct application is undertaken.

Root Protection Area beneath Existing Trees: No new top soiling operations to take place within the RPA - all new hedgerow and shrub ground cover planting within RPA's to be notched planted into existing soil on site, using hand tools only to minimize root damage. If significant roots are encountered, these will be left undamaged and plants locally adjusted. **Existing trees:** All existing trees to be retained shall be protected in accordance with BS 5837:2012 - Trees in Relation to Construction. Existing levels shall be retained around existing trees to be retained. Any tree works pruning to existing trees within the site shall comply with the BS 3998: 2010, Tree Work Recommendations and undertaken by an Arboricultural Association approved Contractor.

Preparation for Topsoil Re-spread

Topsoil shall be spread following completion of all hard landscape building works, following a thorough clearance and removal of building debris. Bottom of tree pit broken up to a depth of 150-200mm and scarify sides. Tree pits within soft landscape areas: min. 1400 x 1400mm x 300mm deep (min). Depth of tree pit dependant of depth of rootball; check dimensions of rootballs prior to planting. Tree pits backfilled with 300mm imported topsoil over subsoil. Hedge and shrub planting areas: minimum 300mm deep. Grass areas: minimum 150mm deep. No new top soiling operations to take place within the RPA's.

Ameliorant's: Organic Fertilizers & Composts: Landscape contractor is responsible to submitting imported topsoil analysis to inform requirements. All

ameliorant's (recycled composted green waste compost & mycorrhizal inoculates), incorporated during backfilling & cultivation at required rate to full depth of growing medium to improve microbial soil activity.

Backfilling with Topsoil

Tree pits and shrub beds shall be backfilled, in layers, with previously prepared topsoil excavated from the tree pit and imported topsoil as required. Topsoil thoroughly mixed with planting organic compost and slow release fertilizer shall be used to plant all trees, shrubs and hedges. All finished levels shall be 25mm above adjacent paving. The shrubs shall be shaken during backfilling to avoid air pockets and the soil must be firmed as the hole is filled. All backfilled material shall include an organic compost and slow release fertilizer.

Cultivation: Topsoil shall be cultivated to a minimum of 400-450mm deep on planting areas to a medium tilth, removing all rubbish, vegetation, perennial weeds, roots, stones over 50mm in any one dimension and raked to even levels.

PLANTING

Plant Stock and Timing

Plant material shall conform to BS 3936 Part 1: 1992, Part 2: 1990; Part 9: 1998; Part 10: 1990 and BS4043: 1989 and shall be protected at all times in transit to the site. The planting season shall be from 1st October to the 31st March. Planting shall not be carried out during periods of frost, drought, cold drying winds, or when the soil is waterlogged.

The planting shall be carried out in the first planting season following practical completion of the building and hard landscaping. Planting outside the planting season will require adequate watering to ensure establishment.

Planting

All trees, hedges & shrub planting shall be planted upright at the same depth as the nursery soil level and evenly spaced, leaving room for growth. Allow at least 300mm clearance between the rootball and the edge of the pit to facilitate staking and to allow adequate amount of backfill around the root ball. Trees shall be planted upright and at the same depth as the grown nursery soil level with the root collar being at finished soil level, and evenly spaced, leaving room for growth. Allow at least 150-300mm clearance between the rootball and the edge of the pit to facilitate staking and to allow adequate amount of backfill around the rootball.

Individual trees: All tree planting in accordance with BS8545:2014 Trees: From Nursery to Independence in the Landscape - Recommendations. Trees shall be pit planted and supported by single stake. Stakes shall be softwood, peeled chestnut or larch, free from projections and large knots, with one end pointed. Each stake secured to cross bar using galvanised nails. Tree secured to stake with rubber tree tie and tree cushion spacer/pad, fixed to support the tree. All fixing nails shall be galvanized annular ring.

Immediately following planting, all plants shall be watered-in to field capacity.

RABBIT GUARDS / SHELTERS

Individual Trees, Native Shrub and Hedgerow Planting Mix: Each plant within the native shrub planting mix, hedgerows and individual trees shall be individually protected with a tree and shrub rabbit/tree guards, supplied by Tubex Ltd or Green tech (www.tubex.com) or similar equivalent.Native transplant/whip: Tubex Shrubshelter - 0.60m; 0.75mm or 1.2m high and 150mm diameter. Colour: Tubex green.

All Tubex rabbit / tree guards shall be secured with square softwood stakes, driven well into the ground by a minimum of 300mm to resist strong winds. The base of each shelter shall be buried by soil to a sufficient depth to ensure there is no gap between the soil level and the shelter.

AMENITY GRASS AREAS: amenity garden grass areas shall be turfed with a Species Rich Turf Species hard wearing, multi purpose high quality turf supplied by Wildflower Turf Ltd or similar equivalent. Turf shall be in accordance with BS 3969: 1990 and be good quality, uniform in size and thickness with a dense cover of good colour and free from weeds, pests and diseases. The turf shall be between 18-30mm thick. Pre-turfing fertiliser shall be applied to all seeded and turf areas and shall be laid in accordance with BS 4428: 1989.

Once laid, water the turf thoroughly, for the first couple of weeks (weather dependent), until the turf is rooted in. Ensure the soil underneath the turf is damp to be sure you have given it adequate water. Do this by lifting a corner of

the turf. Do not allow the turf to dry out while it establishes, which should take approximately 2-3 weeks (weather dependent). Do not over water the turf, as this can promote grass domination in the sward. Once established the sedum is drought tolerant and shouldn't need watering again.

WILDFLOWER AREAS: Prior to sowing, the site condition on the top of the crib wall along the northern, eastern & southern areas will be reviewed by a suitably qualified ecologist and the following specification adapted if necessary to maximise the ecological benefits arising from the work. **Seeded Areas:** Refer to legend on drawing.

Seed Mix: WFG6 Heavy Clay Soils; supplied by Germinal Seeds or similar approved.

Sowing rate: 3g per m2.

MULCH: Prior to the application of mulch, the planting areas shall be completely weed free and watered sufficiently to achieve field capacity. The surface of the planting areas shall be mulched with a layer of fine composted bark mulch (0-8mm bark) to a depth of 50-75mm, ensuring that the low branches of shrubs plants are not smothered. Supplied by AHS Ltd or similar approved. The mulch shall be topped-up to maintain, after settlement, a depth of not less than 50mm.

IMPLEMENTATION

All trees, hedges, shrub planting and grass areas shall be carried out in the first planting season after all the building works and the hard landscaping areas have been set out and completed.

AFTER CARE PERIOD

Maintenance :The Aftercare Period shall extend for a five year period. During the Aftercare Period maintenance visits shall be carried out, at least monthly from April to September and twice during the dormant season to carry out the following operations to establish healthy growing plants in weed free areas. Maintenance operations shall include: watering, firming-up all plants and adjust tree ties, stakes, pest and disease control, grass cutting, general pruning, hedge trimming, weed control, removal of litter, fork over beds, top up mulch and autumn tidying. Removal of defective plants and plant replacements in the following planting season. Replacement plant stock if required or necessary shall be of similar species, size and form with the appropriate support as the original specification. Minor pruning all woody plants to remove deadwood and achieve an overall balanced canopy - where necessary. Need to consider and avoid breeding bird season (March- July/August). Hedge trimming - Trimmed annually outside the bird nesting season which is March- July/August. Check for invasive species and remove from site. Health & Safety: Trees adjacent to public paths or adjacent to buildings to be inspected annually and remedial tree works carried out where necessary. All plants, which have died, are missing or have failed to thrive, shall be noted and replaced annually for a period of five years with the same size and species as originally planted, in the following planting season.

BRADFORD-SMITH

LANDSCAPE ARCHITECT

5 THOROLD ROAD
FARNHAM
SURREY
GU9 7JY

TEL & FAX 01252 714607
EMAIL: mo@bradfordsmith.co.uk

Project Goat Mill Road, Dowlais, Methyr Tydfil, CF48 3TD		
Client DELACEY & SONS (HOLDINGS) LTD		
Drawing Title DETAILED PLANTING PLAN & SCHEDULE - SHEET 2 OF 2		
Scale 1 : 200 @ A1	Date JULY 2022	Drawn MS
Drawing No. 897-GA-P-03	Status PLANNING CONDITION 12	Revision Rev A
☐ Preliminary ☒ Issued for Planning Approval ☐ Issued for Construction ☐ Issued for Design/Information ☐ Issued for Tender ☐ As Built		

A - 29-09-2022 Minor amendments to planting species & specification notes in accordance with LPA comments.

REVISIONS

PLANNING