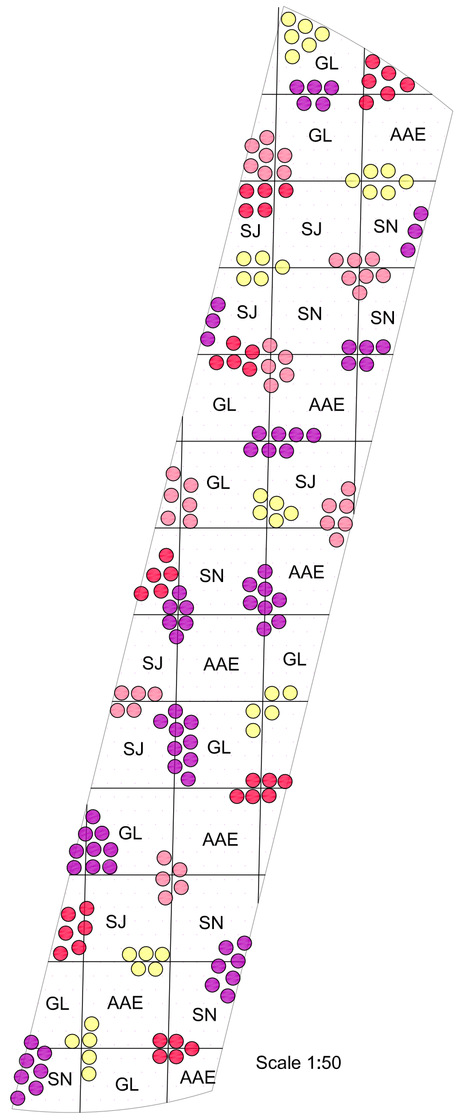
Detailed Planting Plan layout for Border - 1m2 grid - 7 plants/m2 with bulbs placed between 10-15cm apart approx.



Scale 1:50

Daffodil JP Milner - 45 bulbs

Tulip 'Merlot' - 45 bulbs

Tulip 'Barcelona' - 45 bulbs

Allium hollandicum & 45 bulbs each 'Purple Sensation'

GL - Gaura lindheimeri 'Whirling Butterflies'

AAE - Agastache 'Blue Fortune'

SJ - Salvia jamesii 'Raspberry Ripple'

SJ - Salvia nemerosa - 'Amythyst'

Example of mature Liquidamber against well maintained hedge

KEY

- Existing tree
- Proposed tree
- Shrub planting as required to gap up borders
- Climbers
- Bulb/Perennial Border
- Box Hedge
- Yew Hedge
- Beech
- Tarmac

0 2.5m 10m
1:50 @ A1

0 2.5m
1:50 @ A1

N

PLANT SCHEDULE

TREES	Size & Spec.	Density	No.
Refer to specification for planting info.			
Species:			
Liquidamber styraciflua	20-25cm CG/RB	As shown	1
HEDGES:			
Fagus sylvatica	100-120cm BR	4 per lin. m	50
Taxus baccata	80-100 cm BR/CG	4 per lin. m	50
Box 'Faulkener'	30-40 cm BR	5 per lin m	60

SHRUBS - To bulk up existing borders, plant in 450mm deep bed filled with clean topsoil to BS 3882
Cover with 50-75mm bark mulch

SPECIES:	SIZE/BR/CG	DENSITY	Number
Abelia xgrandiflora	30-40cm 3 lt. CG	3/m2	5
Daphne odora 'Aureomarginata'	30-40cm 3 lt. CG	3/m2	5
Hypericum 'Hidcote'	30-40cm 2 lt. CG	3/m2	5
Viburnum opulus	30-40cm 2 lt. CG	3/m1	5

HERBACEOUS PERENNIALS:
Plant in border cultivated to a depth of 400mm filled with clean topsoil. Mix plants throughout the bed between bulb clumps to provide interest and a melange of colours. Once planted place 50mm mulch over border, but ensure mulch does not rest against tree stem. Plant at even densities throughout border as shown on plan

Based on 1lt CG plants @ density 7 per m2

(GL)	Gaura lindheimeri 'Whirling Butterflies'	56 plants
(SJ)	Salvia xjamensis 'Raspberry Ripple'	45 plants
(SN)	Salvia nemerosa 'Amythyst'	50 plants
(AAE)	Agastache 'After Eight'	45 plants

BULBS: Plant pbulbs 2.5 times the bulb depth in well drained soil. Space between bulbs 10 - 15cm apart

Allium hollandicum	45 bulbs	plant 9 per m2
Allium hollandicum 'Purple Sensation'	45 bulbs	"
Tulip 'Merlot'	45 bulbs	plant 15 per m 2
Tulip 'Barcelona'	45 bulbs	"
Daffodil 'JP Milner'	45 bulbs	plant 9 per m2

CLIMBER - To mid front of building in recess - Plant in bed cultivated to depth of 400mm

Species	Size	Number
Hydrangea anomala subsp. petiolaris	60-90cm 3 lt. CG	1

Topsoil recommended depth 15cm across border to be worked through the exisitng soil.
65m2 / 9.75m3 or 9-10 m3 bags good quality topsoil

Compost 3m3 spread at 50mm across border

Tree to be double staked and tied - stakes 1.5 above ground level approx. until tree established
Use as guide for maintenance of hedge height

LANDSCAPE SPECIFICATION
Landscape works to be fully implemented in the first planting season following commencement of the development.

Any shrubs which within the period of one year , and trees within 5 years from the time of planting die, become badly damaged or diseased shall be replaced in the next planting season with others of similar size and species, unless otherwise agreed in writing by the LPA.

All planting should comply with requirements specified in BS 3936 (1992) Nursery Stock Part One, BS 4428 (1989) Code of Practice for General Landscape Operations (excluding hard surfaces) and BS8545-2014 'Trees from Nursery to Independence in the Landscape'

Set out trees and shrubs for planting as shown on plan and in accordance with BS8545-2014 'Trees from Nursery to Independence in the Landscape'

All topsoil to be supplied in accordance with BS3882

Protection of Existing Trees and Hedges in accordance with BS5837:2012

Amelioration as per specification, or as determined by soil samples as appropriate.

In areas of poor drainage ensure soil is broken up to a minimum depth of 300mm to remove compaction, work in bulky organic matter and shingle as needed.

All imported topsoil to be a good quality loam to BS3882. All areas to receive topsoil to be thoroughly cultivated including breaking up base/subsoil layer, preferably by hand, or suitable machinery to full depth of topsoil layer incorporating ameliorants as specified.

Hand cultivation to be carried out to acheive required finish on areas where machine cultivation is impossible e.g. in small planting beds, adjacent to roads, paths and kerbs and around manhole covers.

Topsoil:
Surplus plant material, rubbish, and surface stones larger than 50mm to be removed.

Where possible for retention, excavate and store for re-use on- site both sub and topsoil in covered heaps no more than 2m in height and protected by tarpaulin.

Topsoil to be excavated and/or imported, stored, spread and cultivated in accordance with cultivation specification.

Fertliser/Compost:
Approved peat free composts to PAS100 and fertilisers to to be added during cultivation as required to full depth of growing medium.

Tree Planting;
Plant tree as shown on plan ensuring all trees are labelled.

Substitutions where necessary to be agreed with Landscape Architect.

Plant trees in pits, minimum dimensions of; 1x1x1m depth or large enough to accommodate the rootball leaving a sufficient space for soil to be backfilled in layers around it. Scarify sides of tree pit to promote rooting environment.

Ensure a 150mm drainage layer made up of larger stones up to 50mm prior to backfilling with soil.

Plant trees at 'nursery layer' - or place a cane across the top of tree pit to ensure soil level is level with tree root flare, never below this.

Where trees are to be staked, ensure that stakes are placed in the tree pits carefully between rootball to avoid breakage of fine roots, and close enough for ties to be buckled.

Backfill tree pits with a mix of excavated soil and/or imported topsoil around tree roots , shake tree if bare rooted to ensure good contact with soil backfilling in layers 15-20cm, do not compact layers or make too loose but enough to allow air and water percolation.

A 75-25% mix topsoil to compost to PAS 100

Water to field capacity - min. of 20 lt. ensuring that water soaks into tree pit .

Large Shrubs;
Plant in min. pit size 450mm depth or to adequately accommodate spread of roots allowing space to sides. Ensure shrub is planted at 'nursery level' never lower. (Backfill pit with 75-25% topsoil/green compost to PAS100 mix. Mulch beds with up to 75mm composted bark.

Ornamental Hedges, Shrubs, Herbaceous Groundcover and Climber Planting:
All beds to be cultivated to min. depth of 400mm or at 'nursery level', at densities shown on the plant schedule, ensuring that all plants are set out evenly spaced across plant bed - check increased densities for small shrubs and herbaceous. Beds to be backfilled with 75-25% toposil/green compost mix to PAS100 . Mulch to 50-75mm with composted bark as shown

Bulbs: refer to Plant Schedule

Water to field capacity following planting.

Maintenance; Maintenance of all trees , shrubs, climbers and herbaceous planting;
Establishing maintenance for all planting from 1- 5 years (or as per contract), from Practical Completion including weed control, replacement of failures to original specification in the planting season following failure. All plant material to be pruned annually and groundcover to be thinned and divided as necessary.
Maintenance;

Ongoing Maintenance
All plants;
All trees, shrubs bulbs and perennials to be watered once a week until established during summer, or as required in autumn. Soil should be inspected more regularly during spring/summer (twice weekly in very dry periods), to ensure it does not completely dry out, or install automatic watering system. Work min. 50mm depth of compost mulch over soil surface twice a year and add 50mm horticultural bark. Prune shrubs to encourage a multi-stemmed effect and bushy growth. Carry out formative pruning to trees to encourage a balanced profile with not crossing branches.

Cut back perennials in winter or early spring to within 100mm of ground level. Split herbaceous plants as necessary if they start to out compete each other. Cut back grasses in late winter/early spring.

Rev. -:	A	23.1.20	Changes to Planting	BC

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Project:
Merok House
46 New Brighton Road, Emsworth

Drawing Title:
Planting Proposals and Detailed Planting Plan

Purpose:
Planning

Dwg. No.
1048-5401

Scale:
1:50 and 1:100

Date:
26.11.2019