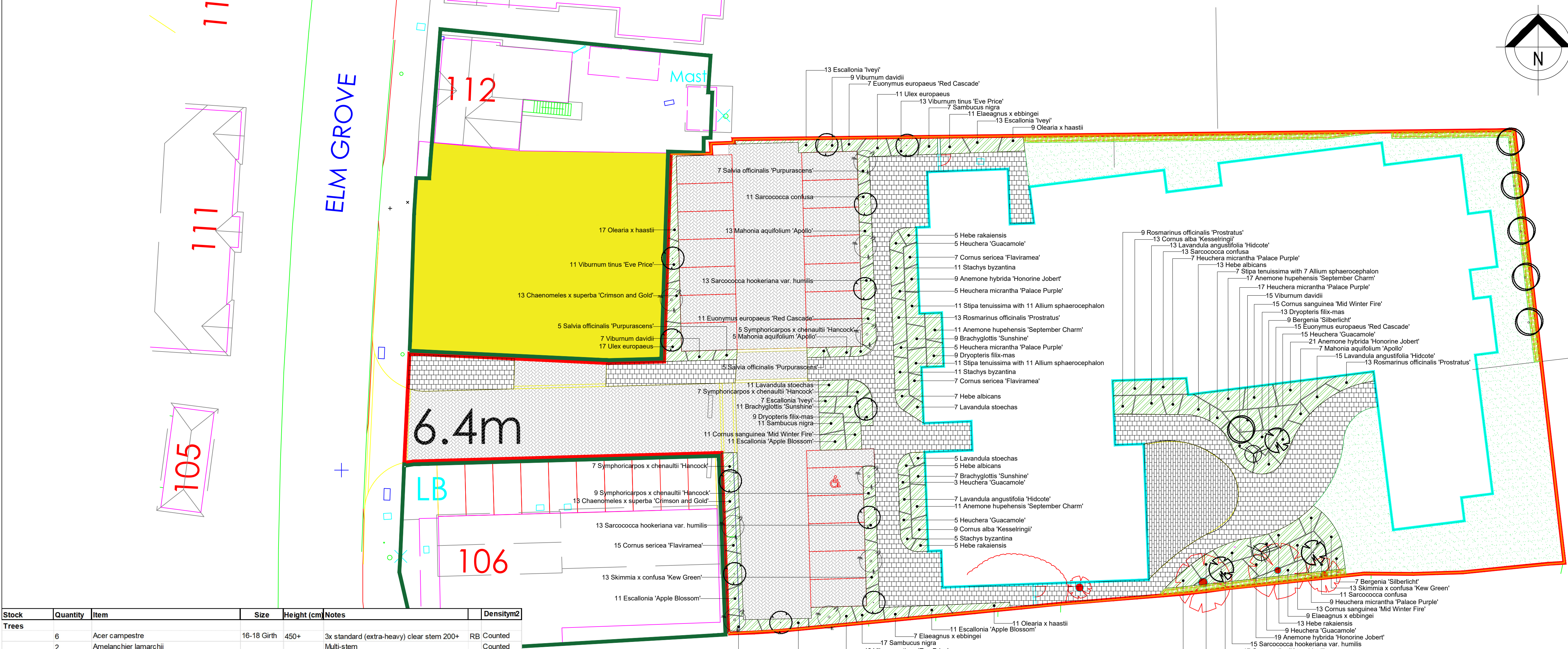




Stock	Quantity	Item	Size	Height (cm)	Notes	Density/m2
Trees						
6		Acer campestre	16-18 Girth	450+	3x standard (extra-heavy) clear stem 200+	RB Counted
2		Amelanchier lamarchii			Multi-stem	Counted
9		Sorbus aria 'Lutescens'	16-18 Girth	450+	3x standard (extra-heavy) clear stem 200+	RB Counted
12		Sorbus aria 'Magnifica'	16-18 Girth	450+	3x standard (extra-heavy) clear stem 200+	RB Counted
3		Tilia x europaea	16-18 Girth	450+	3x standard (extra-heavy) clear stem 200+	RB Counted
32						
Shrubs						
27		Brachyglottis 'Sunshine'	3L	20-30	Branched, min. 3 break	C 3m2
39		Chaenomeles x superba 'Crimson and Gold'	3L	20-30	Bushy, min. 2 breaks	C 3m2
39		Cornus alba 'Kesselringii'	3L	20-30	Bushy, min. 4 breaks	C 3m2
39		Cornus sanguinea 'Mid Winter Fire'	3L			C 3m2
29		Cornus sericea 'Flaviramea'	3L	40-60	Branched, min. 2 break	C 3m2
27		Elaeagnus x ebbingei	3L	30-40	Branched, min. 3 break	C 3m2
33		Escallonia 'Apple Blossom'	3L	30-40	Branched min. 3 breaks	C 3m2
33		Escallonia 'Iveyi'	3L	30-40	Branched min. 3 breaks	C 3m2
33		Euonymus europaeus 'Red Cascade'	3L	30-40	Branched min. 3 breaks	C 3m2
25		Hebe albicans	3L			C 3m2
23		Hebe rakaiensis	3L			C 3m2
35		Lavandula angustifolia 'Hidcote'	3L	20-30	Bushy, min. 3 breaks	C 3m2
23		Lavandula stoechas	3L	20-30	Bushy, min. 3 breaks	C 3m2
25		Mahonia aquifolium 'Apollo'	3L	30-40	Branched min. 3 breaks	C 3m2
37		Olearia x haastii	3L	15-20	Bushy, min. 5 breaks	C 3m2
35		Rosmarinus officinalis 'Prostratus'	3L			C 3m2
35		Sambucus nigra	3L	30-40	Bushy, min. 3 breaks	C 3m2
35		Sarcococca confusa	3L	20-30	Bushy, min. 4 breaks	C 3m2
41		Sarcococca hookeriana var. humilis	3L			C 3m2
37		Skimmia confusa 'Kew Green'	3L	20-30	Bushy, min. 3 breaks	C 3m2
28		Symphoricarpos x chenaultii 'Hancock'	3L	40-60	Branched, min. 3 breaks	C 3m2
39		Ulex europaeus	3L	20-30	Bushy, min. 3 breaks	C 3m2
31		Viburnum davidii	3L	20-30	Bushy, min. 2 breaks	C 3m2
43		Viburnum tinus 'Eve Price'	3L	20-30	Bushy, min. 3 breaks	C 3m2
791						
Grasses						
29		Stipa tenuissima	3L			C 3m2
Herbaceous						
39		Anemone hupehensis 'September Charm'	3L			C 3m2
49		Anemone x hybrida 'Honore Jobert'	3L			C 3m2
25		Bergenia 'Silberlicht'	3L			C 3m2
31		Dryopteris filix-mas	3L			C 3m2
37		Heuchera 'Guacamole'	3L			C 3m2
43		Heuchera micrantha 'Palace Purple'	3L			C 3m2
17		Salvia officinalis 'Purpurascens'	3L			C 3m2
27		Stachys byzantina	3L			C 3m2
268						
Bulbs						
29		Allium sphaerocephalon				
Native Hedge Planting						
Native Hedge Mx 450mm centres, 2 staggered rows- Random Mix - 330			% mix			
67		Crataegus monogyna	20%	80-100cm	Transplant (seed-raised), 1+1	B 450cts
33		Sambucus nigra	10%	80-100cm	Branched 3, breaks 1+1	B 450cts
33		Ilex aquifolium	10%	60-80cm	3L, Leader with lateral	C 450cts
33		Prunus spinosa	10%	80-100cm	Transplant (seed-raised), 1+1	B 450cts
33		Euonymus europaeus	10%	60-80cm	Branched 3, breaks 1+2	B 450cts
50		Corylus avellana	15%	60-80cm	Branched 3, breaks 1+2	B 450cts
33		Acer campestre	10%	80-100cm	Transplant (seed-raised), 1+1	B 450cts
16		Cornus Sanguinea	5%	60-80cm	Branched 3, breaks 1+2	B 450cts
16		Viburnum opulus	5%	60-80cm	Branched 3, breaks 1+2	B 450cts
16		Rosa Canina	5%	60-80cm	Branched 3, breaks 1+1	B 450cts
330						
Turf						
	Counted	Supply and install good quality amenity turf				Counted

General landscaping
Existing levels to be preserved around retained existing trees and vegetation. Existing trees and vegetation to be retained are to be protected in accordance with BS5837 during construction. All landscape works to be undertaken by competent persons, with appropriate training and equipment.

Services
The contractor must ascertain for themselves 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, turfing 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 5-60%
clay 5-30%
Maximum stone size in any direction: 50mm
pH: 5.5 - 7.8
Electrical conductivity: 100-400 uS/cm
Organic matter: > 4%
Nitrogen: > 0.2%
Phosphorous: > 26 mg/l
Potassium: > 240 mg/l
Magnesium: >60 mg/l

Imported topsoil to be a good quality loam to BS 3882 or manufactured topsoil. 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 in accordance with BS 3892. Hand cultivations shall be carried out to achieve the required finish on areas where machine cultivation is impossible ie adjacent to kerbs, manholes and footpath junctions etc. Surplus plant matter, rubbish and surface stones 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 is to be stored in heaps, maximum of 4m in height, providing soil is reasonably dry and friable during stripping and handling - using a tracked excavator. To protect from wet weather once final height is achieved, an excavator should regrade the sides and top of stockpile to a firm surface.

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, Theale, Reading, Berks RG7 5H) which

refers to the receipt, unloading and temporary storage of plants. General plant stock to conform to BS 3836, advanced nursery stock to BS 5236, BS 8545, 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 BS3936 Parts 1-4 'Specification of Nursery Stock'). All planting operations to be in general compliance with BS4428: 1989 'Code of Practice for general landscape operations (excluding hard surfaces)'. Carry out all planting while soil and weather conditions are suitable:

- Do not plant during periods of frost or strong winds. Plant only during the following periods:
 - Deciduous and conifer trees: Late October to late March
 - Bulbs: September/October
- Container grown plants: At any time if ground and weather conditions are favourable. Ensure that adequate watering and weed control is provided

Setting-out 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 300mm 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 1m x 1m x 0.9m deep backfilled with 500mm depth 80% clean topsoil and 20% approved green compost to PAS100 and 100 gms granular fertilizer, over 400mm washed medium coarse grade sand bed to base of pit. Water in heavily after planting and surface mulched 75mm depth. Unless noted above as requiring underground guying, all trees to be double staked and tied and multi stems diagonal single stake. Sample of staking for each species 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 neatly to form circle, and earth mulched with approved bark mulch to 75mm depth after planting.

Shrub Herbaceous & Ground Cover Planting
All plants to be planted in cultivated 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 topsoil and to be mulched with 75mm depth approved bark mulch after planting.

Bulb planting
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 a depth of approximately twice its height with base in contact with bottom of hole. Bulbs should be no closer together than approximately twice the width of a single bulb.

Grass/Turf
Turfing and seeding shall be carried out only during appropriate seasons 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. The soil shall be weed free prior to turfing and seeding. Contact herbicide as specified should be applied to all areas of weed growth 4-6 weeks

before grassing and repeated if necessary to maintain a weed free bed. Where deep rooted weeds are present (dock, thistles etc.) approved suitable herbicide should be applied as a spot treatment. Turf shall be laid on prepared, levelled soil (minimum 150mm depth) in the areas indicated on the drawings in accordance with BS 4428:1989. All grass areas to be approved landscape quality turf for external areas and lawn turf for internal garden areas, or equivalent seed.

Clipped Hedges
Mixed Native Hedge - Plants to be as feathered to ground. Plant spacing as shown on schedule. Planting trench to be minimum 600 width x 500mm depth so as to accommodate full root spread, backfilled with 80% topsoil and 20% approved green compost to PAS100 and 20 gms granular fertilizer over 200mm depth washed medium coarse grade sand. All hedges to be mulched with 75mm depth approved bark mulch after planting.

Maintenance
Establishment maintenance for all planting for 5 years from Practical Completion (first year to be carried out by installing contractor) to include weed control, watering and replacement of failures to original specification in the planting season following failure. All plant material to receive annual pruning and groundcover to be trained and edged with minimum 2 times per year. Mowing is 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 50 mm and 70 mm during the rest of the year.

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LEGEND

- Existing tree / vegetation to be removed (as shown on survey)
- Acer campestre 16-18cm
- Amelanchier lamarkii Multi-stem
- Sorbus aria 'Lutescens' 16-18cm
- Sorbus aria 'Magnifica' 16-18cm
- Tilia x europaea 16-18cm
- Grass
- Planting bed
- Proposed mixed native hedge
- Tegula paving - Marshalls - Conservation x Block - Textured River - Silver Grey or equivalent
- Tegula paving - Marshalls - Conservation x Block - Textured River - Charcoal or equivalent
- Permeable block paving - some over attenuation tank - Marshalls - Piora - Natural or equivalent
- 1.8m Close Board Fencing

ubu design

PROJECT: ELM GROVE

TITLE: GENERAL ARRANGEMENT AND PLANTING PLAN

CLIENT: HAMLET HOMES LTD

SCALE: 1:200@A1

JOB NO: 2008

STATUS: PLANNING

DATE: 29/04/2022

DWG NO: 2008-PP-100

REV:

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