

LOCATION PLAN FOR REFERENCE ONLY NOT TO SCALE

PLANTING NOTES:

1. 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.
2. 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').
3. All planting is to be in general compliance with BS4428: 1989 'Code of Practice for general landscape operations
4. Topsoil:  
Topsoil should be spread to min depth of 300mm for all shrub beds and 150mm depth to areas to be laid with amenity grass turf. Topsoil should be of a good quality free from rubble and contaminants and should be certified to current BS3882 as a standard. If further buildups are required under soft landscaped areas then subsoil to BS8601:2013 should be used underneath as described above.
5. Tree Planting:  
i) 14-16cm Tress - should be planted in pits 800 x 800 x 650mm deep and base broken out to facilitate drainage. A peat free compost and slow release tree fertiliser should be incorporated into the back fill material. Trees to be secured with double timber stake, timber cross bar and rubber tree tie.  
ii) Multi-stemmed Trees - should be planted in pits 600 x 600 x 450mm deep and base broken out to facilitate drainage. A peat free compost and slow release tree fertiliser should be incorporated into the back fill material. Trees to be secured with a dead man anchor system.
6. Shrub Planting:  
i) All beds should be free draining and free from builders rubble and large stones. There should be min 300mm depth of good quality non contaminated top soil to all the ornamental shrubs beds.  
ii) Areas to be free from weeds and if required treated with a non-residual glyphosate based herbicide min 7 days prior to planting and cultivated to a depth of 150mm.  
iii) A slow release fertiliser mixed with a peat free compost should be incorporate into the back fill material when planting the shrubs to give them the best possible chance of establishment.  
iv) For individual specimen shrubs trench the full length of the hedge 500mm wide x 400mm deep and break up the base to facilitate drainage.
7. Finishing Shrubs Beds:  
i) The finished surface of the bed should be free from weeds, stones or rubble and the surface of the soil cultivated to level out any clumps, mounds or depressions.  
ii) When planted all shrub beds are to be mulched with 50mm depth of small grade bark mulch.  
iii) The beds should be maintained weed free and the beds topped up annually with bark mulch as required.
8. Raised Planters:  
i) Loose free draining gravel should look to be used in the base of the planters to 100mm depth to facilitate drainage.  
ii) Planters to be filled with a topsoil 50% and peat free compost 50% mix and a slow release fertilizer should be incorporated by hand into the top 150mm depth of the soil to aid the establishment.
9. Vegetative Wall Planting:  
i) Contractor to ensure that bags have been filled with a suitable growing medium prior to planting.  
ii) \*\* Before works are carried out the contractor MUST discuss the method of planting with the engineers and manufacturer to ensure that the stability of the wall and bags are not compromised. As a guide a maximum of 3no. inverted 'T' cuts 2-3 inches in width and height are permitted per bag.
10. Amenity Grass:  
i) All areas to be turfed with an amenity grass sward should be free draining and free from builders rubble and large stones. There should be min 150mm of good quality topsoil to BS3882 to all the areas to be turfed, this should be cultivated to a depth of 150mm and finished to a fine tilth with smooth even contours and gradients.  
ii) If weeds are present the areas should be sprayed with a non-residual glyphosate based herbicide 7 days prior to laying the turf.  
iii) Once established the grass should be maintained at 25-50mm and mown min 12 times a year to maintain a formal lawn. Do not mow the areas containing bulbs until they have finished flowering and the leaves are starting to turn yellow and die off.

11. Grass Seed Mix:  
i) Areas to be made good around the edge of construction should look to use good quality topsoil to BS3882 to make up any shortfall of soil material around the site, this should be cultivated to a depth of 150mm and finished to a fine tilth with smooth even contours grading back into the existing grassland areas.  
ii) Grass seed to be applied inline with the suppliers recommendations, preferably within the optimal establishment period during the spring or autumn months.  
iii) Once established these areas should be allowed to establish more naturally to support the local wildlife and only the margins (300mm) adjacent to development should look to be more regularly strimmed to 50-75mm height approximately 6 times a year to provide a neat transition between the surrounding vegetative buffer and the development.
12. Bulbs to be planted in natural same species groups within the areas as indicated on the drawing. Pick up a handful of same species bulbs and let them fall from knee height so that they naturally scatter in a close group. Plant where they land with their 'nose' or shoot facing up. As a general guide plant at twice the depth of the bulb beneath the surface of the soil.
13. Watering:  
i) All Trees and Shrub beds should be watered in the first year of establishment at regular intervals and during periods of drought until established.  
ii) For the trees in the first year of establishment and in years 2-5 if there is a significant drought. Water with the following volumes once every 2-4 weeks regardless of rainfall:  
  
Multi-stemmed trees/ Small Ornamentals - 100 litres per month  
14-16cm girth trees - 150 litres minimum per month
14. Weeding:  
All shrub beds and planters are to be maintained weed free by regularly hand weeding the beds and spot treating any prolific weeds with a glyphosate based weed killer. Maintaining 50mm depth bark mulch over the shrub beds during years 1-3 until established will also help to reduce weed growth.
15. Hazards:  
i) The contractor must ascertain themselves to the exact location of underground services prior to carrying out any digging on site. Please refer to the engineers drawings for locations of existing and new services runs and inspection chambers.  
ii) The contractor should be aware of the areas of contamination around the site which have been capped with clean topsoil and a geotextile membrane. Please refer to the contamination report and associated method statements for further information.  
iii) Contractors should be made aware of the risks of working from height along the retaining walls and raised terraces.

Planting Schedule

| Trees        |                             |           |               |                      |          |                  |
|--------------|-----------------------------|-----------|---------------|----------------------|----------|------------------|
| Abbreviation | Species                     | Height    | Girth         | Specification        | Pot Size | Number of Plants |
| ALNGL        | Alnus glutinosa             | 350-400cm | 14-16cm       | Extra Heavy Standard | RB       | 3 -              |
| ApGI         | Acer platanoides 'Globosum' | 350-400cm | 14-16cm       | Container            | 50L      | 3 -              |
| Bpe          | Betula pendula              | 350-400cm | 14-16cm       | Extra Heavy Standard | RB       | 5 -              |
| Cbe          | Carpinus betulus            | 350-400cm | 14-16cm       | Extra Heavy Standard | RB       | 1 -              |
| CKC          | Cornus kousa 'Chinesis'     | 2.5-3.0m  | Multi-stemmed | Container            | 50L      | 1 -              |
| CRAMON       | Crataegus monogyna          | 350-400cm | 14-16cm       | Extra Heavy Standard | RB       | 4 -              |
| PaP          | Prunus avium 'Plena'        | 350-400cm | 14-16cm       | Extra Heavy Standard | RB       | 4 -              |
| Sau          | Sorbus aucuparia            | 350-400cm | 14-16cm       | Extra Heavy Standard | RB       | 1 -              |

| Conifers     |                   |          |          |         |                  |
|--------------|-------------------|----------|----------|---------|------------------|
| Abbreviation | Species           | Height   | Pot Size | Density | Number of Plants |
| PmM          | Pinus mugo 'Mops' | 80-100cm | 10L      | Counted | 7 -              |
| Tb           | Taxus baccata     | 80-100cm | 10L      | Counted | 2 -              |

| Shrubs       |                                      |         |           |          |                  |
|--------------|--------------------------------------|---------|-----------|----------|------------------|
| Abbreviation | Species                              | Density | Height    | Pot Size | Number of Plants |
| Al           | Amelanchier lamarckii                | Counted | 100-125cm | 20L      | 7 -              |
| Amj          | Astrantia major                      | 8/m²    | 20-30cm   | 1L       | 23 -             |
| Amo          | Alchemilla mollis                    | 8/m²    | 20-30cm   | 1L       | 55 -             |
| CaA          | Cornus alba 'Aurea'                  | 3/m²    | 40-60cm   | 3L       | 26 -             |
| Cav          | Corylus avellana                     | Counted | 80-100cm  | 10L      | 14 -             |
| CBM          | Ceanothus 'Blue Mound'               | Counted | 60-80cm   | 10L      | 3 -              |
| CIS          | Choisya ternata 'Sundance'           | 5/m²    | 20-30cm   | 3L       | 58 -             |
| CwG          | Cornus 'White Gold'                  | Counted | 60-80cm   | 10L      | 5 -              |
| DolM         | Daphne odora 'Mariann'               | Counted | 60-80cm   | 10L      | 2 -              |
| Ebm          | Erysimum 'Bowles Mauve'              | 8/m²    | 20-30cm   | 1L       | 26 -             |
| EhQ          | Euonymus fortunei 'Harlequin'        | 5/m²    | 20-30cm   | 3L       | 86 -             |
| EjGR         | Euonymus japonicus 'Green Rocket'    | Counted | 100-125cm | 10L      | 3 -              |
| EuEG         | Euonymus fortunei 'Emerald 'n' Gold' | 5/m²    | 20-30cm   | 3L       | 140 -            |
| FATJA        | Fatsia japonica                      | Counted | 60-80cm   | 10L      | 3 -              |
| FgEB         | Festuca glauca 'Elijah Blue'         | 8/m²    | 20-30cm   | 3L       | 61 -             |
| GEROXWP      | Geranium oxonianum 'Wargrave Pink'   | 8/m²    | 20-30cm   | 3L       | 38 -             |
| Gjb          | Geranium 'Johnson's Blue'            | 8/m²    | 20-30cm   | 1L       | 74 -             |
| HaA          | Hydrangea arborescens 'Annabelle'    | Counted | 80-100cm  | 10L      | 3 -              |
| HB           | Helenium 'Moerheim Beauty'           | No.     | 20-30cm   | 1L       | 27 -             |
| HGG          | Hebe 'Green Globe'                   | 8/m²    | 20-30cm   | 3L       | 204 -            |
| HgT          | Hosta 'Golden Tiara'                 | 8/m²    | 20-30cm   | 1L       | 54 -             |
| HmBW         | Hydrangea macrophylla 'Blue Wave'    | 3/m²    | 20-30cm   | 3L       | 27 -             |
| HmPP         | Heuchera micrantha 'Palace Purple'   | No.     | 20-30cm   | 1L       | 24 -             |
| HMW          | Hebe 'Mrs Winder'                    | 5/m²    | 20-30cm   | 3L       | 138 -            |
| HpB          | Hydrangea paniculata 'Bobo'          | Counted | 60-80cm   | 10L      | 24 -             |
| ILEAQ        | Ilex aquifolium                      | Counted | 80-100cm  | 10L      | 19 -             |
| LaH          | Lavandula angustifolia 'Hidcote'     | 8/m²    | 20-30cm   | 3L       | 12 -             |
| LaV          | Lavandula angustifolia 'Vera'        | 7/m²    | 20-30cm   | 3L       | 284 -            |
| MELOF        | Melissa officinalis                  | 8/m²    | 20-30cm   | 1L       | 10 -             |
| MENSP        | Mentha spicata                       | 7/m²    | 20-30cm   | 1L       | 8 -              |
| MsG          | Miscanthus sinensis 'Gracillimus'    | No.     | 20-30cm   | 1L       | 15 -             |
| PIA          | Potentilla fruticosa 'Abbotswood'    | 3/m²    | 20-30cm   | 3L       | 58 -             |
| PFF          | Pieris 'Forest Flame'                | 3/m²    | 20-30cm   | 3L       | 35 -             |
| PRR          | Phloxinia fraseri 'Red Robin'        | Counted | 100-125cm | 50-70L   | 8 -              |
| PyW          | Phloxium 'Yellow Wave'               | Counted | 60-80cm   | 10L      | 13 -             |
| RGs          | Rudbeckia 'Goldsturm'                | 8/m²    | 20-30cm   | 1L       | 54 -             |
| Ro           | Rosmarinus officinalis               | 6/m²    | 20-30cm   | 3L       | 102 -            |
| Rpp          | Rhododendron 'Purple Passion'        | Counted | 80-100cm  | 10L      | 9 -              |
| Rws          | Rhododendron 'White Swan'            | Counted | 80-100cm  | 10L      | 12 -             |
| SALOF        | Salvia officinalis                   | 8/m²    | 20-30cm   | 1L       | 8 -              |
| Sgg          | Skimmia 'Green Globe'                | Counted | 60-80cm   | 10L      | 13 -             |
| Sh           | Sarcococca humilis                   | 3/m²    | 20-30cm   | 3L       | 13 -             |
| Sj           | Skimmia japonica                     | 3/m²    | 20-30cm   | 3L       | 48 -             |
| SkG          | Skimmia confusa 'Kew Green'          | 5/m²    | 20-30cm   | 3L       | 74 -             |
| THYVU        | Thymus vulgaris                      | 8/m²    | 20-30cm   | 1L       | 8 -              |
| Vd           | Viburnum davidii                     | 3/m²    | 20-30cm   | 3L       | 41 -             |
| VIBOPR       | Viburnum opulus 'Roseum'             | Counted | 80-100cm  | 10L      | 2 -              |

| Grasses      |                                  |         |                  |
|--------------|----------------------------------|---------|------------------|
| Abbreviation | Species                          | Density | Number of Plants |
| CsTp         | Cortaderia selloana 'Tiny Pampa' | Counted | 2 -              |
| MsZ          | Miscanthus sinensis 'Zebrinus'   | Counted | 6 -              |

| Climbers     |                          |                    |         |          |                  |
|--------------|--------------------------|--------------------|---------|----------|------------------|
| Abbreviation | Species                  | Specification      | Height  | Pot Size | Number of Plants |
| CLETP        | Clematis 'The President' | Supplied on a cane | 60-80cm | 10L      | 3 -              |
| HYDPE        | Hydrangea petiolans      | Supplied on a cane | 60-80cm | 15-20L   | 16 -             |
| WISCHIA      | Wisteria sinensis        | Supplied on a cane | 60-80cm | 10L      | 6 -              |

| Bulb Mix     |                                   |         |                |        |
|--------------|-----------------------------------|---------|----------------|--------|
| Abbreviation | Species                           | Density | % Contribution | Number |
| CROCHBP      | Crocus chrysanthus 'Blue Pearl'   | 20/m²   | 20%            | 96 -   |
| CROCHCB      | Crocus chrysanthus 'Cream Beauty' | 20/m²   | 10%            | 48 -   |
| CROCHSB      | Crocus chrysanthus 'Snow Bunting' | 20/m²   | 30%            | 144 -  |
| NARTT        | Narcissus 'Tete a Tete'           | 20/m²   | 40%            | 192 -  |

| Vegetative Wall Mix |                         |         |                         |        |
|---------------------|-------------------------|---------|-------------------------|--------|
| Abbreviation        | Species                 | Density | Percentage Contribution | Number |
| ASPSC               | Asplenium scolopendrium | 30/m²   | 10%                     | 12 -   |
| Hhbb                | Hedera helix 'Halebob'  | 30/m²   | 10%                     | 12 -   |
| PACTE               | Pachysandra terminalis  | 30/m²   | 20%                     | 24 -   |
| Sh                  | Sarcococca humilis      | 30/m²   | 10%                     | 12 -   |
| Shy                 | Sedum hybridum          | 30/m²   | 20%                     | 24 -   |
| Tcor                | Tiarella cordifolia     | 30/m²   | 10%                     | 12 -   |
| Vmi                 | Vinca minor             | 30/m²   | 20%                     | 24 -   |

SOFT LANDSCAPE

-  **Existing Trees to be Retained**  
Existing trees and TPO trees to be retained, protected and managed inline with the AIA and supporting Method Statements. Please refer to the separate documents produced by others for further information.
-  **Existing Shrub under storey to be Retained**  
Existing under storey to be retained around the site boundaries and reinforced with additional planting as required, localised works to be carried out as required.
-  **Proposed Medium/ Large Trees**  
Native and Fruiting/ Blossom Trees to be planted as 14-16cm girth Extra Heavy Standards within the development. Trees to be planted and secured in place with double timber stakes, cross bar and tree ties.
-  **Proposed Small Trees**  
Small Growing Ornamental Trees to be planted as 14-16cm girth Extra Heavy Standards within the development. Trees to be planted and secured in place with double timber stakes, cross bar and tree ties.
-  **Proposed Under storey Shrubs**  
Native and Ornamental shrubs to be planted as 10L pots in individual locations as an under storey to reinforce the existing vegetative buffer around the site.
-  **Ornamental Shrubs**  
Raised planters and shrub beds to be planted with a mixture of shrubs in 5L pots at 3 per sq.m, grasses and herbaceous perennials in 1L pots at 5 per sq.m and 25L specimens to be planted in the beds to provide instant height and interest. All beds to be mulched with a small grade bark mulch.
-  **Climbers**  
To be trained up the pergolas and on the wall and planted as 20L pots supplied on a cane.
-  **Vegetative Wall**  
Reinforced retaining wall to be established with vegetation inline with manufacturers recommendations. \*\* Refer to notes in the planting specification
-  **Proposed Amenity Grass**  
Areas to be laid with turf to provide formal amenity lawns and should be regularly maintained.
-  **Existing Grass/ Vegetation to be Retained**  
Area of existing grass and vegetation around the site boundaries to be retained. Areas around the edge of development if disturbed should be established with a species rich lawn mix WFG20 Eco Species Rich Lawn to promote species diversity.
-  **Bulbs**  
Areas to be planted with spring bulbs in natural same species localised clumps planted at 25-30 bulbs per sq.m as a guide.



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Client:  
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Project:  
Havant Care Homes

Description:  
Softworks Plan 2 of 2

Status:  
For Tender

Scale:  
1:500@A1

Drawn:  
KR

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All levels and dimensions to be checked on site by contractor prior to commencement. Any variations to be reported to the client. This drawing is to be read in conjunction with all others relating to the project and all information derived accordingly; any anomalies to be reported to the client. Do not scale from this drawing. Use figured dimensions only. Work shown on this drawing to be carried out in accordance with current British Standards and Codes of Practice.

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