

Alchemilla mollis; 3L; CG; 5/m2
Bergenia cordifolia 'Purpurea'; 3L; CG; 5/m2
Brunnera macrophylla 'Jack Frost'; 3L; CG; 5/m2
Dryopteris filix mas; 3L; CG; 4/m2
Echinacea purpurea 'Magnus'; 3L; CG; 4/m2
Geranium macrorrhizum 'Album'; 3L; CG; 5/m2
Heuchera sanguinea 'Alba'; 3L; CG; 4/m2
Liriope muscari; 3L; CG; 5/m2
Luzula sylvatica 'Marginata'; 3L; CG; 5/m2
Stachys byzantina 'Silver Carpet'; 3L; CG; 5/m2

Notes:

- All materials to be as detailed or accepted equivalent.
- Refer also to architectural and engineering drawings as applicable

Existing site features removed

 Existing tree to be removed

 Existing hedge/vegetation to be removed

 Existing wall to be removed

Proposed fencing, screening and handrails

	Proposed 1.8m ht. metal railing fence with matching gates) Finish: painted black
	Proposed 1.8m ht. timber closeboard fence and matching gate
	Proposed handrail to ramped access routes
	Proposed screening between private paved spaces; metal framed with glass panel
	Proposed low brick retaining wall
	Proposed low brick retaining wall with black metal railing to top

Proposed soft landscape

-  Amenity grass
-  Ornamental shrub planting
-  Clipped hedge
-  Proposed tree
-  Proposed specimen shrub

Levels & drainage

	Existing levels
	Proposed levels
	Gradients
	Manhole covers (refer to drainage layout by others)
	Gullies (refer to drainage layout by others)
	Drainage channel (refer to drainage layout by others)
	Attenuation tank (refer to drainage layout by others)

5. Soil testing

Each soil sample (imported and site-won subsoil and topsoil – see items 6-8 and 9 below) shall be analyzed by Tim O'Hara Associates, Hovebury Park, Wallingford, Oxon OX10 8BA, Tel: 01491 822653, Email: info@toha.co.uk, www.toha.co.uk (or equivalent approval).

6. Subsoil for general planting areas (sample of site-won and/or imported subsoil to be sent for testing to check compliance with parameters below)

Provide subsoil as necessary to make up deficiency on site. Natural or manufactured subsoil (from approved source) will be acceptable (within parameters given below). Subsoil to be tested to ensure suitability for proposed use. For planting, test report to be submitted for approval and include amelioration recommendations. Subsoil should be free from (commonly) tested contaminants, including asbestos. Subsoil parameters to be within the following:

Parameter	Unit	Lower Limit	Upper Limit
Clay (<0.02mm)	%	5	35
Silt (0.02-0.05mm)	%	0	35
Sand (0.05-2.0mm) of which at least 40% shall fall into fine to medium sand range	%	50	90
pH (2-5mm)	pH	5	50
Salinity (<50mm)	%DW	0	0
pH Value	Unit	5.5	8.5
Electrical Conductivity (1:2.5 water extract)	µS/cm	–	1500
Electrical Conductivity (CaSO4 extract)	µS/cm	–	2800
Exchangeable Sodium Percentage	%	–	15
Organic Matter	%	–	1.5

Topsoil for general Landscapes (sample of site-owned and/or imported topsoil to be sent for testing to check compliance with parameters below and to inform any necessary amelioration - see 3 below)

Existing topsoil to be sampled and re-used, provided soil is within parameters given below when analysed. Imported topsoil to be good quality sandy loam or manufactured topsoil (from approved source, meeting parameters given below). Topsoil (site-owned or imported) is to be tested to determine suitability for proposed use and should be free from commonly tested contaminants, including asbestos. Test report to be submitted to Landscape Architect for approval and to enable remediation recommendations to be made.

Parameter	Unit	Lower Limit	Upper Limit
Clay (<0.002mm)	%	5	15
Silt (0.002-0.05mm)	%	0	35
Sand (0.05-2.0mm) of which at least 40% shall fall into fine to medium sand range	%	50	85
Stones (2-20mm)	% dry wt.	0	20
Stones (20-50mm)	% dry wt.	0	15
Stones (>50mm)	% dry wt.	0	0
pH Value	Unit	5.5	8.5
Electrical Conductivity (1:2.5 water extract)	µS/cm	-	1500
Electrical Conductivity (CaSO ₄ extract)	µS/cm	-	2800
Exchangeable Sodium Percentage	%	-	15
Organic Matter	%	4.0	8.0
Total Nitrogen	%	0.15	-
Carbon: Nitrogen Ratio		-	20:1
Extractable Phosphorus	mg/l	26	100
Extractable Potassium	mg/l	240	1200
Extractable Magnesium	mg/l	50	600

9. Ameliorate / fertilize and compact (contractor is responsible for submitting a sample of imported topsoil to inform requirements).

Topsoil amelioration to be determined by analysis. Once amelioration requirements ascertained as required, approved (leaf free) composts or P15:10:10 or organic fertilizers to be incorporated during cultivation at required rate to full depth of growing medium.

10. Soil handling and depths.

Methods of soils to be in accordance with the Construction Code of Practice for the Sustainable Use of Soils on Construction Sites

- Topsoil and subsoil to be handled (i.e. excavated and/or imported, stored, spread, cultivated) in

6.2 General planting notes.

Details for trees, hedge and general plantings to be finalised once final site conditions are known (e.g. compaction and permeability of ground). General stock to conform to BS 8308, adequate watering regime to be agreed with BS 4292. Plants shall be first class examples, free from pests and diseases, well established, good fibrous root systems and materially undamaged. All planting operations to be in general compliance with BS5428: The Code of Practice for Planting Trees and Shrubs.

Only carry out all planting works soil and weather conditions are suitable:

- Do not plant during periods of frost or strong winds. Plant only during the following periods:
 - Deciduous conifer trees: Late October to March (rotball and bare root)
 - Coniferous grown plants: At any time if ground and weather conditions are favourable. Ensure that adequate watering is provided
 - Shrub and small trees: From October onwards

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 as specified above. All tree pits, tree circles in lawn and planting beds are to be finished with approved bark mulch to 10cm depth after planting.

7. Tree planting

General proportions of species shown on plan to be approved by landscape architect prior to planting. Details for tree planting to comply with BS8545: As a guide all trees to be planted in square pits with base underlaid unless drainage / compaction problems known. Plant at a depth where the root flare is clearly visible at the soil surface. Where trees have been supplied with the root flare covered in plastic, remove plastic before planting. All trees to have "Puddle" tree irrigation/eration system installed as specified by Platipus 07173 762300: www.platipus-anchors.com or approved equivalent. Water-in heavily after planting and mulching. If trees are not in contact with trunk of tree. Tree support to consist of BS 8545 single or CG trees to have double stake and bridge with adjustable tie; trees on slopes to have straight stake with adjustable tie; in windy locations for large trees, install wind guyed, stake straighten to be staked back. Any necessary remedial tree works are to be carried out by an approved tree surgeon to BS 5841 standards. All trees to be planted in matched earth circle. Tree diameter around tree trunk, with turn trimmed nearly to form circle.

- i. Trees up to 20cm girth.
 - a) Dig hole same size as the rotball and overall width to be 150mm wider than the diameter of the rotball (75mm min. from rootball edge to tree pit side). Pits to be backfilled with topsoil.

18. Maintenance.

Establishment maintenance for all planting for 5 years from Practical Completion 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 hedges and groundcover to be trained and edged with minimum 2 trims per year.
- Check tree stakes and ties annually and after strong winds.
- Native shrubs plants to be trimmed during winter just after planting, then twice annually in summer and autumn to encourage lower branching and dense growth.

v. Lawn & amenity grass areas - 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.

	Gullies (refer to drainage layout by others)		
		Drainage channel (refer to drainage layout by others)	
		Attenuation tank (refer to drainage layout by others)	
P05	24.05.21	DB	- Updated to accord with KSA site plan re: boundary and vehicular access.
P05	14.05.21	DB	AG Updated to design team comments.
P04	15.05.21	DB	AG Updated to design team comments.
P03	07.05.21	DB	AG Updated to design team comments.
P02	23.04.21	DB	AG Draft issue for comment and coordination.
P01	16.04.21	DB	AG Initial draft issue for comment.
rev. date		by	chk notes
project		Former Chanders Resident Care Center, Angmering	
title		Landscape General Arrangement	
status		Planning	scale @ A1 1:200
dwg no		SO-2729-03-LA-001	
references		SO-2729-03-AC-102 Proposed Site Plan by KSA Architects	