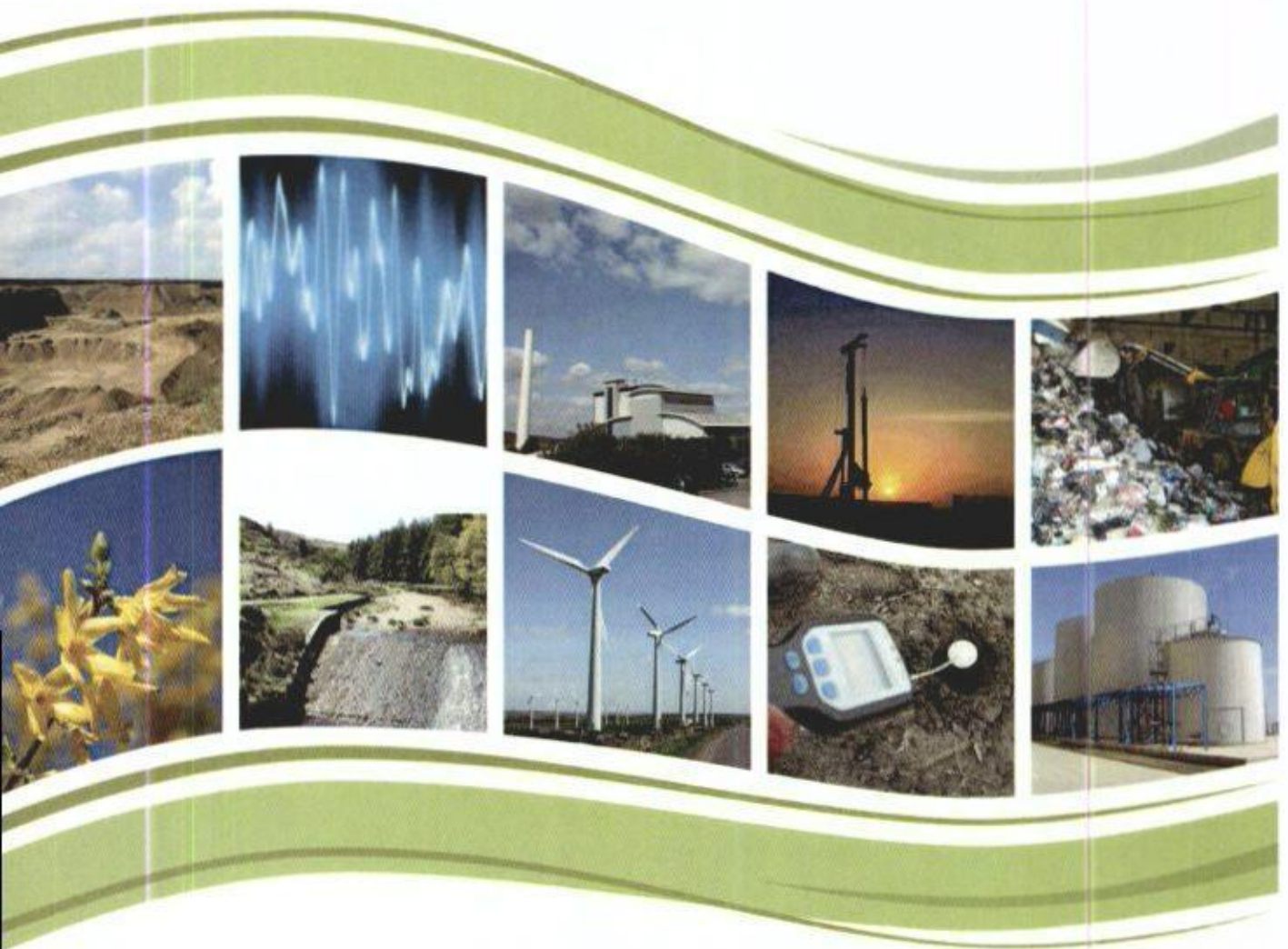




Landscape Report

Havant Health and Wellbeing Campus
for:

Hampshire Living Space

CRM.1112.005 Rev A

HAVANT BOROUGH
COUNCIL

- 6 MAY 2015

RECEIVED

CONTENTS

INTRODUCTION
DESIGN OBJECTIVES

ENTRANCE AREA AND CENTRAL GARDEN
SOUTHERN GARDEN
CARE HOME COURTYARD GARDENS
CARE HOME AND WESTERN BOUNDARY
SOUTH WESTERN BOUNDARY
SWALE AND WESTERN BOUNDARY
EASTERN BOUNDARY AND SWALE
COMMUNITY GARDEN AND EASTERN BOUNDARY
NORTHERN PARKING AREA

SOFT LANDSCAPE PROPOSALS
HARD LANDSCAPE PROPOSALS
EXTERNAL LIGHTING
SECURITY AND DEFENSIBLE SPACES
SHARED SURFACING
SUDS
ECOLOGY
ARBORICULTURE

INTRODUCTION

This report should be read in conjunction with the landscape proposals masterplan. Together they explain the landscape proposals for the Havant Health and Wellbeing Campus.

The landscape proposals masterplan illustrates the site design, indicates the important characters and functions present, and provides a key to describe key components. This report elaborates upon the masterplan, setting out the design objectives for the site, a description of each distinct character area and an overview of the key principles of design.

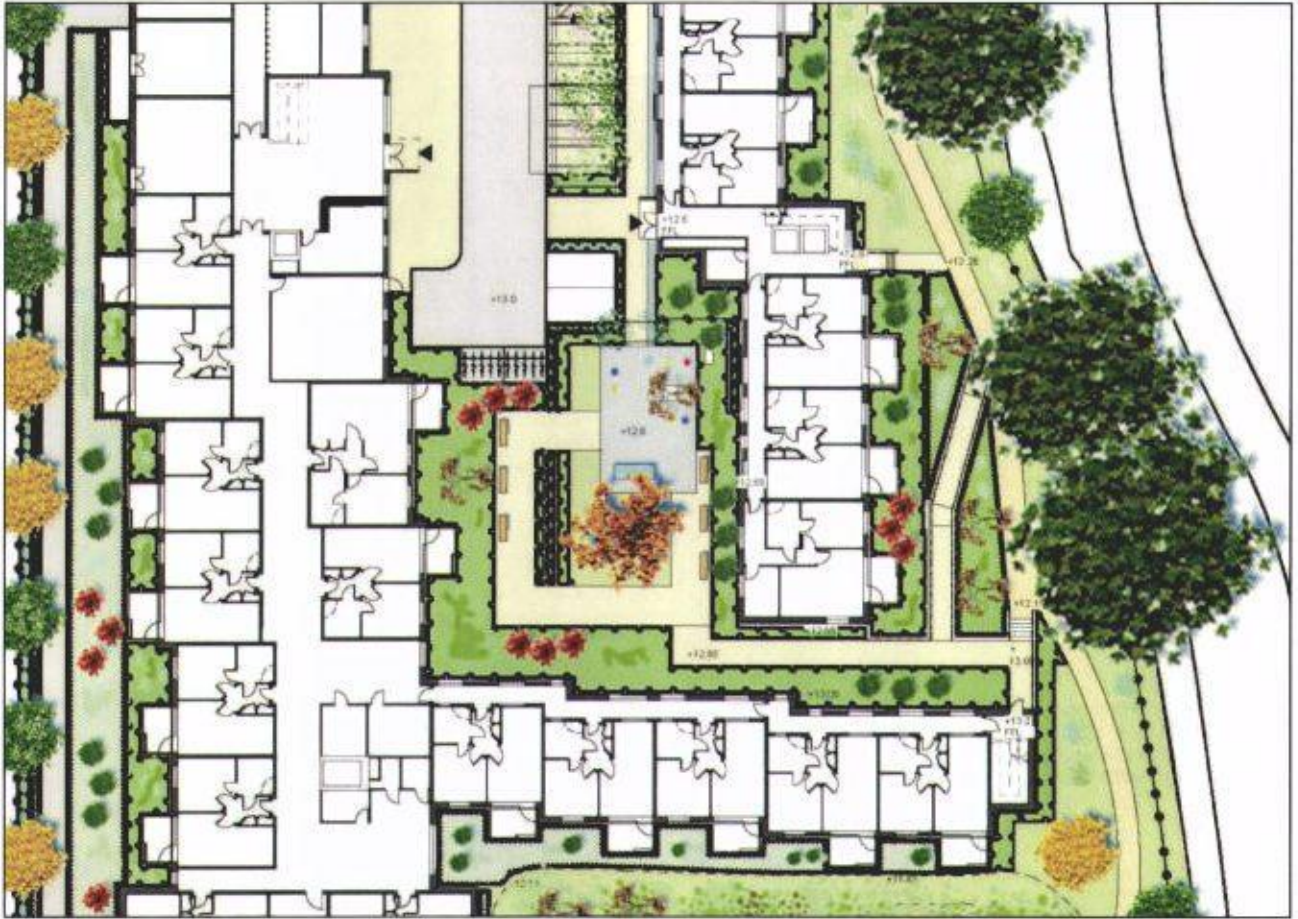
DESIGN OBJECTIVES

To create a safe, attractive and stimulating environment for residents, staff and visitors.

The design seeks to:

- create a range of spaces of distinctive character and that offer a range of experiences;
- provide opportunities for residents to engage with and influence their environment;
- ensure that the environment is safe, secure and legible;
- provide an attractive setting for the building and activities within;
- provide privacy for residents within the building;
- ensure the protection and integration of important existing vegetation;
- create an ecologically rich environment, incorporating a range of planting and habitat; and,
- specify planting that offers sensory and seasonal interest.

SOUTHERN GARDEN



DESCRIPTION OF SPACE AND KEY FEATURES

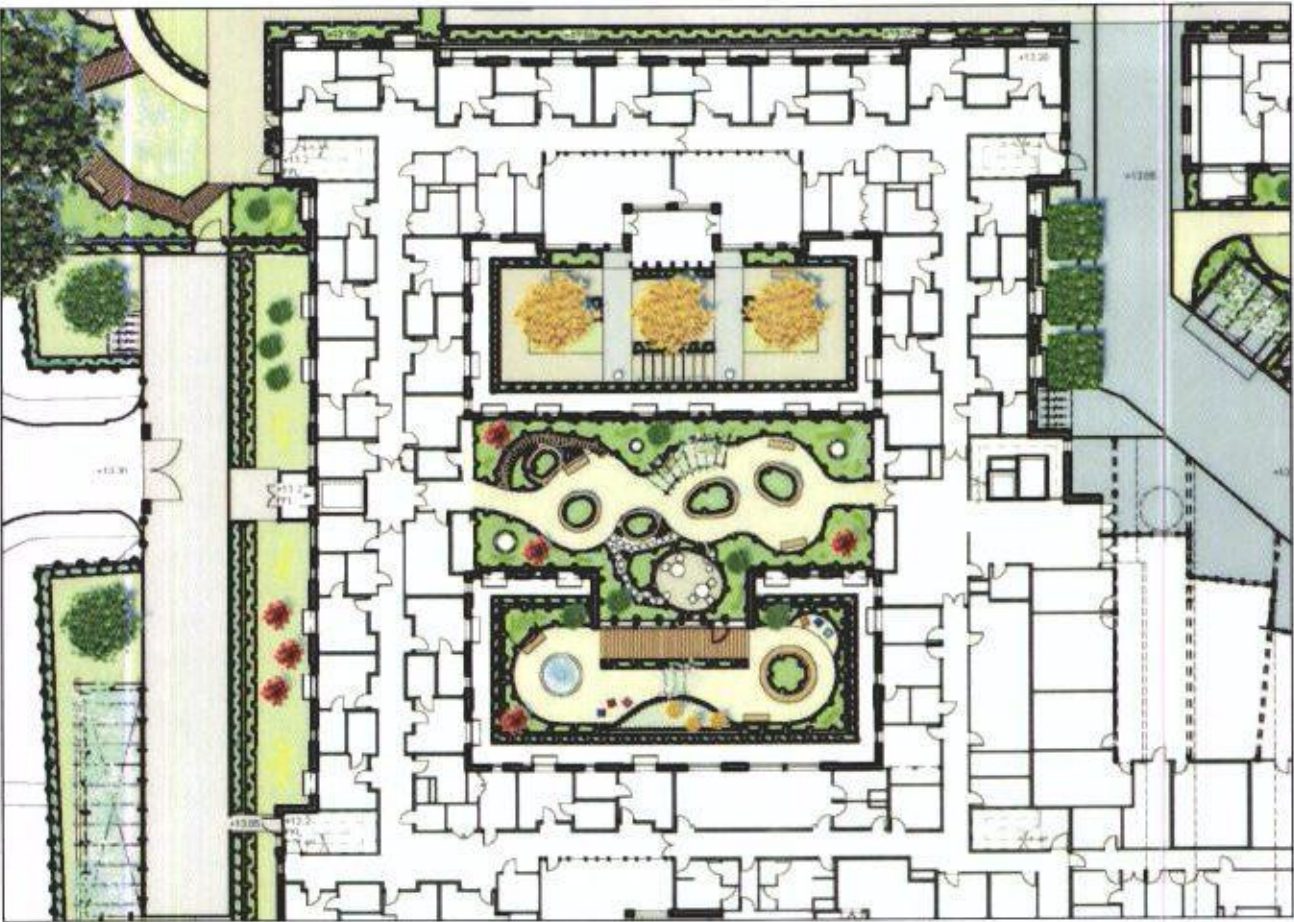
The extra care garden is a formal space offering a restful retreat framed by mixed ornamental planting.

Key features include:

- A focal stone 'monolith' water feature framed by an entrance pergola and aligned with the footpath running from the centre of the development;
- A feature seating area including colourful sculptural seating cubes;
- Formal seating associated the outer paths, which shape the space and connect to the eastern boundary route;
- Lush architectural planting providing an attractive backdrop to the space; and,
- Defensible planting in front of windows.



CARE HOME COURTYARD GARDENS



DESCRIPTION OF SPACE AND KEY FEATURES

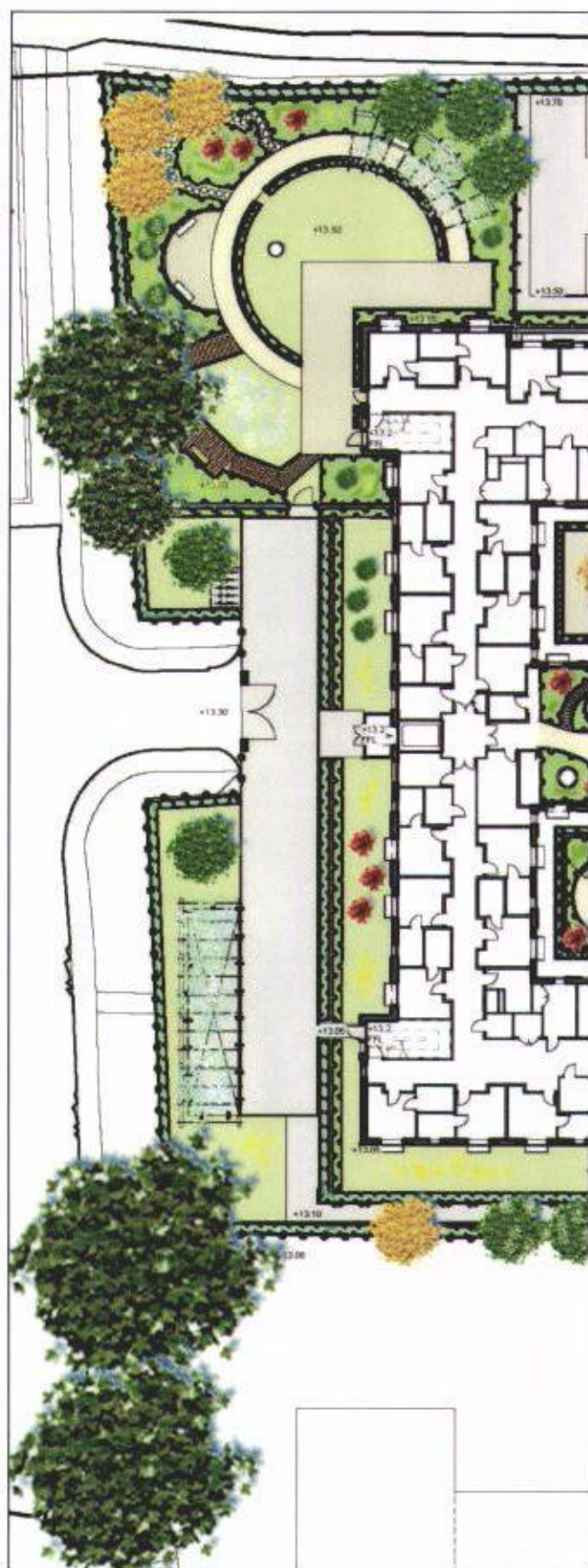
The courtyards will provide a bold, attractive and legible space, to be appreciated from within the garden or as a complement to activities within the building.

Key features include:

- Strong legible designs, with clear routes and landmark features, including pergolas, water features, tree planting and raised beds;
- Rich abundant planting, offering seasonal and sensory interest;
- Sheltered and intimate seating areas set amongst planting or under specimen trees or pergolas; and
- Private and personalisable space associated with private rooms offset from the building outline.



CARE HOME GARDEN AND WESTERN BOUNDARY

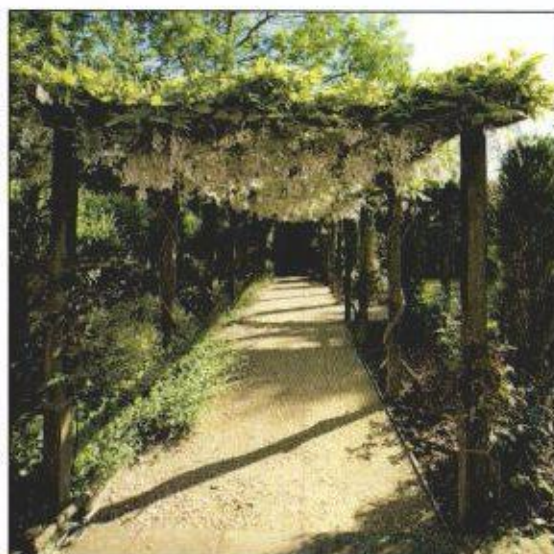


DESCRIPTION OF SPACE AND KEY FEATURES

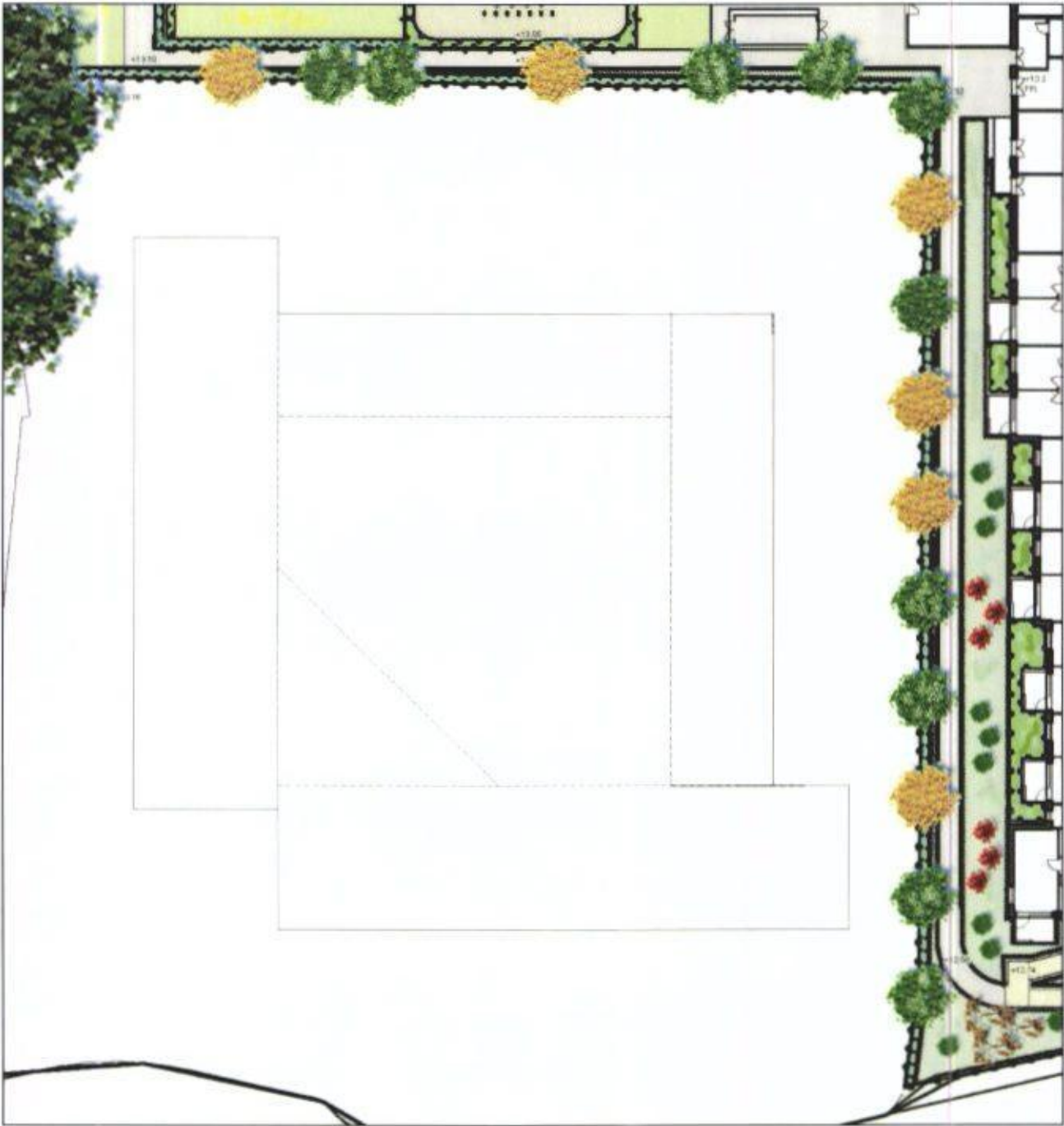
The nursing home garden will provide an attractive, stimulating, safe and secure garden for the benefit of the nursing home residents.

Key features include:

- A design developed in accordance with Stirling's 'Design for Dementia' guidelines, the garden is easily navigated, offers sensory stimulation, provides shade and shelter and many opportunities to sit and rest.
- The design is bold and easily appreciable from within the building, or periphery of the space;
- Planting will form a restful backdrop and seasonal interest;
- The existing mature trees will be retained;
- A large circular lawn provides the focus of the garden and the primary route within it; and,
- Secondary routes/spaces comprise a decked 'nature' walk and seating set amongst native planting and meadow designed to attract wildlife, paths and seating within mediterranean style planting, and seating sheltered beneath a planted pergola.



SOUTH WESTERN BOUNDARY



DESCRIPTION OF SPACE AND KEY FEATURES

A functional service route and attractive setting to the care home.

Key features include:

- the retention of existing mature trees;
- the addition of a mixed native hedge and trees to align and soften the boundary; and,
- low maintenance groundcover mixes with specimen shrubs to provide a pleasant outlook from the building.

SWALE AND WESTERN BOUNDARY



DESCRIPTION OF SPACE AND KEY FEATURES

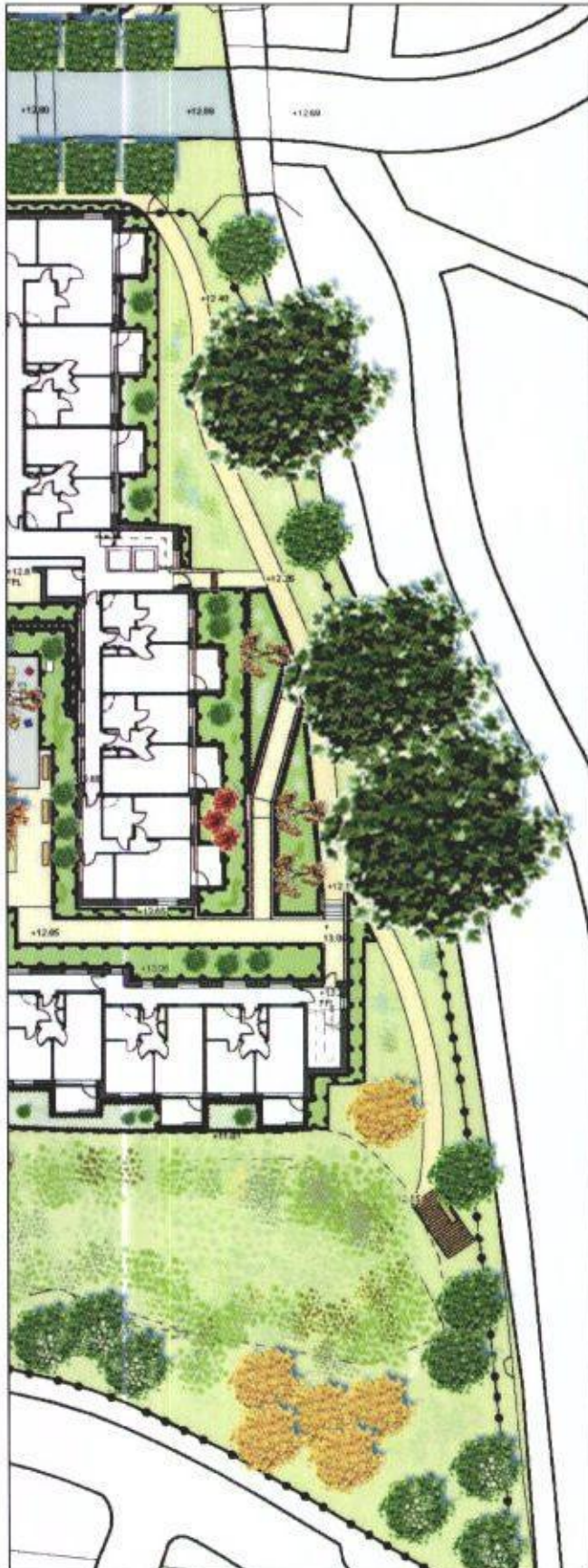
The swale and associated landscape will provide an attractive and ecologically rich buffer to Lavant Drive and an attractive view from the building.

Key features include:

- A swale and associated native wetland vegetation, meadow and tree planting, including existing vegetation (to be determined on site), together with incidental ecological features to promote habitat and visual interest;
- A focal decked area with seating forms a destination to the eastern boundary path and overlooks the open space; and,
- Defensible planting in front of windows.



EASTERN BOUNDARY AND SWALE



DESCRIPTION OF SPACE AND KEY FEATURES

The eastern boundary incorporates a meandering pedestrian route, to encourage the appreciation of the adjacent public open space and existing and proposed native planting.

Key features include:

- A surfaced route along the eastern boundary connecting the entrance area to the swale;
- The retention of existing mature trees and the addition of native shrub and meadow planting;
- A 1.5m high discrete railing aligned with the river, to secure the boundary;
- Views across the public open space;
- Defensible planting in front of windows; and,
- Maintenance access to the river.

The swale and associated landscape will provide an attractive and ecologically rich buffer to Lavant Drive and an attractive view from the building,

Key features include:

- A swale and associated native wetland vegetation, meadow and tree planting, including existing vegetation (to be determined on site), together with incidental ecological features to promote habitat and visual interest;
- A focal decked area with seating forms a destination to the eastern boundary path and overlooks the open space; and,
- Defensible planting in front of windows.



COMMUNITY GARDEN AND EASTERN BOUNDARY



DESCRIPTION OF SPACE AND KEY FEATURES

The community garden is a formal garden allowing residents the opportunity to develop and maintain a plot personally or collectively:

Key features include:

- Raised planters, a specimen fruit tree, a greenhouse, composting and an informal seating area, set against a backdrop of existing trees and native wildflower meadow.

The eastern boundary incorporates a meandering pedestrian route, to encourage the appreciation of the adjacent public open space and existing and proposed native planting.

Key features include:

- A surfaced route along the eastern boundary connecting the community garden to the entrance area;
- The retention of existing mature trees and the addition of native shrub and meadow planting;
- A 1.5m high discrete railing aligned with the river, to secure the boundary;
- Views across the public open space;
- Defensible planting in front of windows; and,
- Maintenance access to the river.



NORTHERN PARKING AREA



DESCRIPTION OF SPACE AND KEY FEATURES

A space accommodating the majority of the site's car parking set against a backdrop of mature and proposed hedge planting.

Key features include:

- The retention of an overgrown hedge, to be reinforced and managed as required to create a robust boundary treatment;
- 65 car parking spaces;
- A potential pedestrian link through to Crossland Drive; and,
- Defensible planting in front of windows.

SOFT LANDSCAPE PROPOSALS

INDICATIVE PLANT SCHEDULE

Planting combinations will be selected to create an attractive setting for the development, with seasonal and sensory interest and ecological benefit.

The following is an indicative list of plants that will be used in each area:

Entrance Area and Central Garden

Standard Trees: *Prunus* spp. *Tilia* spp.

Multistem/specimen plants: *Amelanchier canadensis*, *Betula pendula*, *Phormium* spp., *Prunus serrula*, *Viburnum x bodnantense* 'Dawn'

Hedge: *Buxus sempervirens*, *Fagus sylvatica*, *Lavandula* 'Hidcote'

Climbing plants: *Lonicera* spp.

Shrubs: *Choisya ternata*, *Cistus* spp., *Hebe* spp., *Hypericum* 'Hidcote', *Lavandula* 'Hidcote', *Perovskia* 'Blue Spire', *Phormium* spp., *Rosa* spp., *Rosmarinus officinalis*, *Ribes* 'King Edward VII', *Salvia* 'Purpurescens', *Viburnum* spp.

Perennials and grasses: *Bergenia cordifolia*, *Calamagrostis* 'Karl Foerster', *Carex* spp., *Helenium* 'Moorheim Beauty', *Heuchera* spp., *Miscanthus sinensis*, *Nepeta* 'Six Hills Giant', *Sedum* 'Autumn Joy', *Stipa gigantea*, *Verbena bonariensis*

Bulbs: *Allium giganteum*

Southern Garden and Associated Car Park

Standard Trees: *Prunus* spp.

Multistem/specimen plants: *Amelanchier canadensis*, *Betula pendula*, *Choisya ternata*, *Fatsia japonica*, *Hypericum* 'Hidcote', *Mahonia* 'Charity', *Perovskia* 'Blue Spire', *Prunus serrula*, *Viburnum x bodnantense* 'Dawn'

Hedge: *Buxus sempervirens*, *Fagus sylvatica*, *Lavandula* 'Hidcote'

Climbing plants: *Clematis* spp., *Lonicera* spp., *Jasminum officinale*

Shrubs: *Choisya ternata*, *Euonymus* 'Emerald gaiety', *Hebe* spp., *Lonicera pileata*, *Perovskia* 'Blue Spire', *Rosa* spp., *Phormium* spp., *Potentilla* 'Abbotswood', *Rosmarinus officinalis*, *Sarcococca* spp., *Skimmia* 'Rubella', *Viburnum* spp.

Perennials and grasses: *Anemone* spp., *Bergenia cordifolia*, *Calamagrostis* 'Karl Foerster', *Carex* spp., *Geranium* spp., *Heuchera* spp., *Matteuchia strutheropteris*, *Miscanthus sinensis*, *Nepeta* 'Six Hills Giant', *Polystichum setiferum*, *Sedum* 'Autumn Joy', *Verbena bonariensis*

Bulbs: *Allium giganteum*

Care Home Garden

Standard Trees: *Betula pendula*

Multistem/specimen plants: *Amelanchier canadensis*, *Betula pendula*, *Prunus serrula*, *Viburnum x bodnantense* 'Dawn'

Hedge: *Buxus sempervirens*, *Fagus sylvatica*, *Lavandula* 'Hidcote'

Climbing plants: *Clematis* spp., *Lonicera* spp., *Jasminum officinale*

Shrubs: *Choisya ternata*, *Cistus* spp., *Daphne burkwoodii*, *Forsythia* spp., *Hamamelis x intermedia* 'Jelena', *Hebe* spp., *Helichrysum italicum*, *Hypericum* 'Hidcote', *Lavandula* 'Hidcote', *Perovskia* 'Blue Spire', *Phormium* spp., *Philadelphus* spp., *Phyllostachys* spp., *Rosmarinus officinalis*, *Salvia* 'Purpurescens', *Stachys lanata*, *Syringa* spp., *Viburnum* spp.

Perennials, grasses and annuals: *Achillea* spp., *Bergenia cordifolia*, *Calamagrostis* 'Karl Foerster', *Echinacea* 'Purpurea', *Geranium* spp., *Helenium* 'Moorheim Beauty', *Helianthus annuus*, *Heuchera* spp., *Lathyrus odoratus*, *Miscanthus sinensis*, *Mentha* spp., *Nepeta* 'Six Hills Giant', *Pennisetum alopecuroides*, *Phlomis fruticosa*, *Rudbeckia* 'Goldsturm', *Sedum* 'Autumn Joy', *Stipa gigantea*, *Verbena bonariensis*

Bulbs: *Allium giganteum*

INDICATIVE PLANT SCHEDULE (continued)

Care Home Courtyards

Standard Trees: *Betula pendula*, *Prunus* spp.

Multistem/specimen plants: *Amelanchier canadensis*, *Betula pendula*, *Choisya ternate*, *Fatsia japonica*, *Prunus serrula*, *Viburnum x bodnantense* 'Dawn'

Hedge: *Buxus sempervirens*, *Lavandula* 'Hidcote'

Climbing plants: *Clematis* spp., *Lonicera* spp., *Jasminum officinale*

Shrubs: *Cistus* spp., *Daphne burkwoodii*, *Hebe* spp., *Helichrysum italicum*, *Lavandula* 'Hidcote',

Perovskia 'Blue Spire', *Phormium* spp., *Philadelphus* spp., *Rosmarinus officinalis*, *Salvia*

'Purpurescens', *Stachys lanata*, *Viburnum* spp.

Perennials, grasses and annuals: *Achillea* spp., *Bergenia cordifolia*, *Calamagrostis* 'Karl

Foerster', *Echinacea* 'Purpurea', *Geranium* spp., *Helianthus annuus*, *Heuchera* spp., *Lathyrus*

odoratus, *Miscanthus sinensis*, *Mentha* spp., *Nepeta* 'Six Hills Giant', *Pennisetum*

alopecuroides, *Phlomis fruticosa*, *Sedum* 'Autumn Joy', *Stipa gigantea*, *Verbena bonariensis*

Bulbs: *Allium giganteum*

Community Garden

Standard Trees: *Malus* spp.

Multistem/specimen plants: *Corylus avellana*, *Runus* spp., *Sambucus nigra*

Hedge: *Corylus avellana*, *Ribes* 'King Edward VII', *Sambucus nigra*

Shrubs: *Fragaria* spp.

Meadow mix: native as recommended by Ecologist

Eastern Boundary / Swale

Existing trees to be retained: *Quercus robur*, *Aescules hippocastanum* etc

Standard trees: *Alnus* spp., *Betula pendula*, *Salix* spp.

Specimen trees and shrubs: *Cornus sanguinea*, *Corylus avellana*, *Hamamelis* spp.

Bulbs: *Narcissus pseudonarcissus*

Meadow mix: native as recommended by Ecologist

Western boundary

Standard Trees: *Betula pendula*, *Prunus* spp., *Sorbus aucuparia*, *Quercus robur*

Multistem/specimen plants: *Amelanchier canadensis*, *Betula pendula*, *Phormium* spp., *Prunus serrula*, *Viburnum x bodnantense* 'Dawn'

Hedge: *Cornus sanguinea*, *Corylus avellana*, *Crataegus monogyna*, *Fagus sylvatica*, *Ilex aquifolia*, *Ligustrum vulgare*, *Prunus spinosa*,

Climbing plants: *Lonicera* spp.

Shrubs: *Choisya ternata*, *Cotoneaster* spp., *Cornus* spp., *Hebe* spp., *Hypericum x moseranium*, *Lavandula* 'Hidcote', *Lonicera pileata*, *Perovskia* 'Blue Spire', *Phormium* spp., *Rosmarinus officinalis*, *Viburnum* spp.

Perennials and grasses: *Bergenia cordifolia*, *Calamagrostis* 'Karl Foerster', *Helenium* 'Moorheim Beauty', *Miscanthus sinensis*, *Nepeta* 'Six Hills Giant', *Sedum* 'Autumn Joy', *Verbena bonariensis*

Bulbs: *Allium giganteum*, *Narcissus pseudonarcissus*

Northern boundary

Standard Trees: *Betula pendula*, *Quercus robur*

Hedge: retain and reinforce existing *Crataegus mongyna*

HARD LANDSCAPE PROPOSALS

Components of the hard landscape will be selected to reinforce the character and complement the function of the site and the unique areas within. Care will be taken to specify materials that are environmentally sensitive, fit for purpose and durable.

EXTERNAL LIGHTING

Lighting will consist of low level bollards and in ground lighting to demarcate routes and provide illumination. In addition, feature lighting will be used to highlight landmarks within the landscape.

SECURITY AND DEFENSIBLE SPACES

A 1.5m high steel railing will enclose the site boundary in addition to sections of existing or proposed native hedge planting. Access into the site through lockable gates will be possible to the south from Lavant Drive, to the west from Leigh Road, to the north from Crossland Drive (potential link to be negotiated) and to the eastern boundary from River Way. EA river access will be made possible from the eastern boundary through lockable gates (position to be agreed). Open access into the site is also possible from River Way via the main entrance.

The Care Home Garden and Courtyards are further secured by either the building line or a 1.8m high timber fence. The Care Home Garden is accessible to maintain through a lockable gate.

All private rooms within the building are distanced from the active public landscape by planting and/or a change of surfacing to maintain privacy and enhance security.

SHARED SURFACING

Principles of shared surfacing will be pursued within the development to create a safe and comfortable environment for all users.

SUDS

The landscape will positively incorporate SUDS elements within the design to make an effective contribution to water management that is attractive within the setting. Features are likely to include swales, water butts and rain gardens.

ECOLOGY

The landscape has been designed and will be detailed to incorporate planting and features to maintain, enhance or create effective habitat.

ARBORICULTURE

The development sensitively integrates important existing vegetation and proposes suitable enhancements.



DESIGN OBJECTIVES

To create a safe, attractive and stimulating environment for residents, staff and visitors.

The design seeks to:

- create a range of spaces of distinctive character and that offer a range of experiences;
- provide opportunities for residents to engage with and influence their environment;
- ensure that the environment is safe, secure and legible;
- provide an attractive setting for the building and activities within;
- provide privacy for residents within the building;
- ensure the protection and integration of important existing vegetation;
- create an ecologically rich environment, incorporating a range of planting and habitat; and,
- specify planting that offers sensory and seasonal interest.

For further details refer to the landscape section of the Design & Access Statement

KEY

Site Boundary

Levels (indicative - subject to confirmation by engineer)

Existing Vegetation

Existing trees to retain

Existing hedge to retain

Proposed Vegetation

Feature tree

Pleached tree

Multi-stem tree

Specimen plant

Ornamental hedge

Mixed ornamental border

Ground cover planting

Climbing plant

Meadow

Lawn

Street Furniture

Pergola

Seat type 1

Seat type 2 (sculptural cubes)

Water feature

Sculptural feature

Raised plant bed (incorporating seating)

Raised plant bed (incorporating wicking system)

Greenhouse

Compost area

Bin store (enclosed within pergola, fence and trellis)

Cycle store

Sprinkler housing

Boundary Treatment, Access and Level Change

1.5m high grey steel railings

1.8m high timber fencing

1.5m high glass balustrade

Timber trellis panels

Vehicular gate

Pedestrian gate

Freestanding handrail

Retaining wall and handrail

Steps

Ramp

Hard Surface Treatment

Feature paving type 1

Feature paving type 2

Feature paving type 3

Decking

Resin bounded gravel

Concrete block paving

Tarmac surface

Compacted gravel

Stepping stones type 1

Stepping stones type 2

Lighting

Lighting to consist of low level bollards, in ground lighting and feature lighting

Arboriculture

For details of existing vegetation to be retained and protection measure refer to the arboriculturalist's information

Ecology

For details of existing site ecology and recommendations refer to the ecologist's information

Architecture

For details of buildings, including details of the extensive green roof refer to the architect's plans



SCALE	PROJECT NO.	PROJECT
1:500@A2	CRM.1112.005.L.D.007	HAVANT HEALTH AND WELLBEING CAMPUS
DATE	DRAWING NO.	DRAWING TITLE
March 2015	7 (revision A)	LANDSCAPE PROPOSALS
DRAWN	CHECKED	CLIENT
SF	PB	HAMPSHIRE LIVING SPACE



Enzygo specialise in a wide range of technical services:

Property and Sites
Waste and Mineral Planning
Waste Technologies and Renewables
Landscape and Visual Impact
Environmental Assessment Co-ordination
Hydrology and Flood Risk
Waste Contract Procurement
Noise and Vibration
Environmental Permitting and Regulation
Development Planning & Policy
Ecology Services
Contaminated Land and Geotechnical
Traffic and Transportation

BRISTOL OFFICE

The Granary
Woodend Lane
Cromhall
Bristol GL12 8AA
Tel: 01454 269237
Fax: 01454 269760

kevin.parr@enzygo.com

SHEFFIELD OFFICE

STEP Business Centre
Wortley Road
Deepcar
Sheffield S36 2UH
Tel: 0114 2903677
Fax: 0114 2903688

matt.travis@enzygo.com

MONMOUTH OFFICE, WALES

Singleton Court Business Park
Wonastow Road
Monmouth
Monmouthshire NP25 5JA
Tel: 01600 714611
Fax: 01600 716744

chris.formaggia@enzygo.com

Please visit our website for more information.

enzygo.com