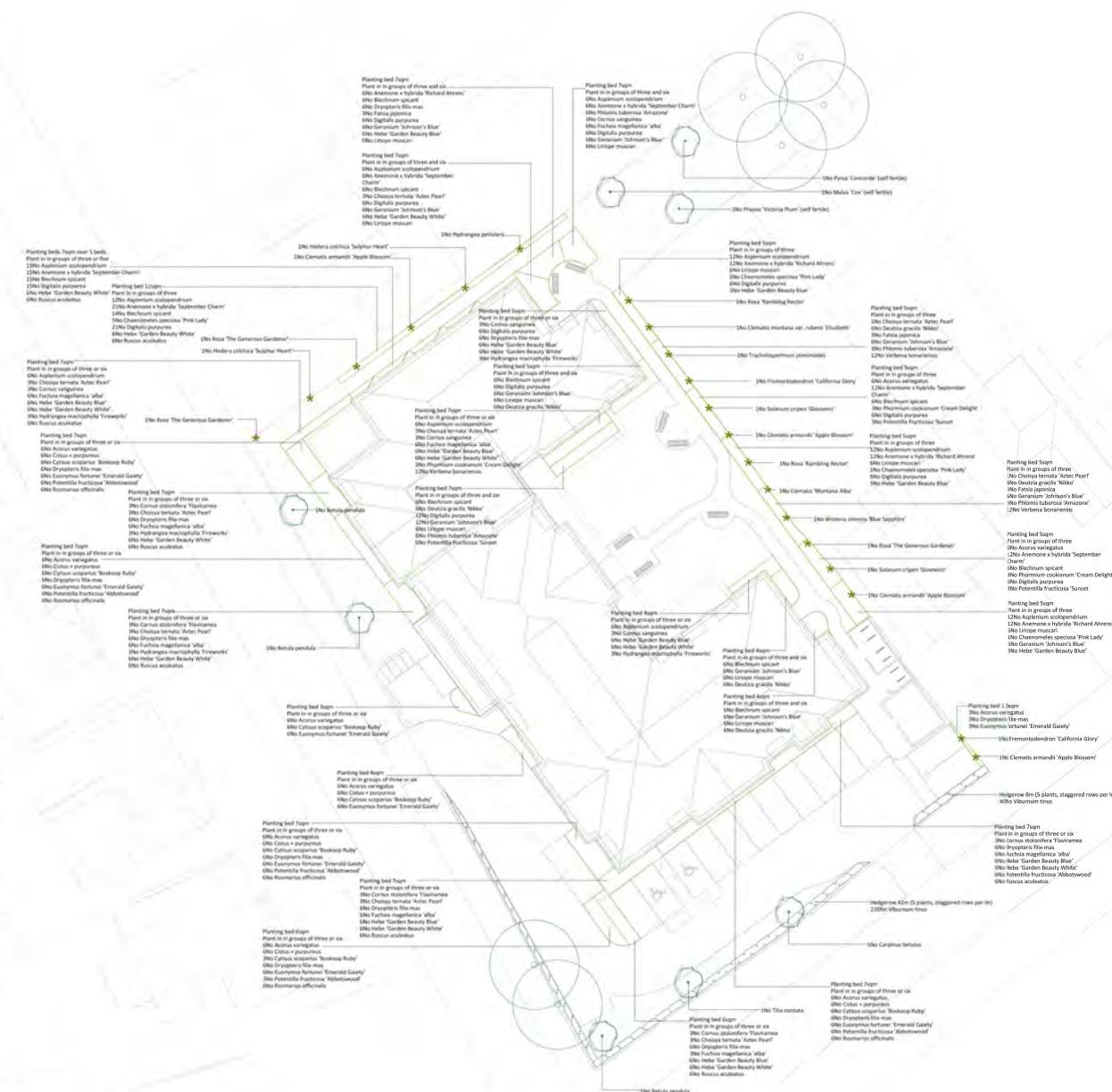


Trees - Selected Standard: Native = (n); wildlife friendly = (wf); multi-dimensioned (MD); Container grown (CG)					
Name	Start/Plant stock	Root condition	Soil	Habit	Ward
Betula pendula (n)	2.0-2.2m	Bare root	Silver birch - survive with a tight crown and spreading branches, 40 to 120+		3
Carpinus betulus (n)	1.9-2.0m		stemless - native with gold Autumn colour (20m+)		1
Prunus 'Victoria' Plant (n)	W Julian 'A'	Bare root or SI pot	Desert peach, soft fruit		1
Prunus 'Concord' (n)	Gurney (n)	Bare root or SI pot	Desert peach, soft fruit		1
Morus 'Okame' (wf)	MM705	Bare root or CG	Desert asp, soft fruit		1
Tilia cordata (n)	1.9-2.1m	Bare root	Small leaved lime - deciduous tree (25m+)		1

Biodiversity: Native = [n], Wildlife Friendly = [w], multi-coloured = [M]					
Name	Per/Str	Height	Flower	Density per sq.m	Worth
<i>Asteria verna-gigantea</i> [w]	21	85-100cm	Evergreen perennial with two colour options of flowers 50cm	5	57
<i>Amenone superba</i> 'September Charm' [w]	21	25-30cm	Japanese anemone - late summer pink flowers 60cm	7	72
<i>Anemone x hybrida</i> 'Richard Stevens' [w]	21	25-30cm	Japanese anemone - late summer white flowers 1.5m	7	42
<i>Aquilegia x hybrida</i> 'Goliath' [w]	21	45-50cm	Hearts Tongue Fern Evergreen shrub with dark leaves 100cm to 1.5m	5	93
<i>Blechnum spicant</i> [w]	21	25-30cm	Evergreen native fern 45cm	7	77
<i>Chamaemelum spicatum</i> 'Lady Grey' [w]	21	60cm	Shade tolerant shrub with early pink spring flowers 90cm	3	6
<i>Chrysanthemum boreale</i> 'Kathy Paul' [w]	21	45-50cm	Deciduous purple leaved shrub with pink flower spikes (summer/autumn) up to 1.8m	3	20
<i>Cistus x purpureus</i> [w]	21	45-50cm	Deciduous purple flowered shrub up 100cm	5	36
<i>Citrus sinensis</i> [n]	21	25-40cm	Winter red stems native plant	4	15
<i>Comus monilifera</i> 'Variegata' [w]	21	25-30cm	Yellow white clump	4	15
<i>Dahlias</i> bicoloris 'Bonanza White' [w]	21	35-40cm	Red flowers in summer up to 1.2m	4	38
<i>Dianthus gratianopolitanus</i> [w]	21	35-40cm	Deciduous shrub with white flowers 1.5m (spring/summer)	5	36
<i>Digitalis purpurea</i> [w]	21	25-40cm	Evergreen native shrub - flowering spikes purple flowers	7	96
<i>Dryopteris filix-mas</i> [w]	21	35-40cm	semi evergreen native fern 1.2m	5	75
<i>Echinops bannaticus</i> 'Taproot' (Globe Thistle) [w]	21	25-30cm	Variegated green and white evergreen 50 - 100cm	5	45
<i>Filicium austriacum</i> [w]	21	35-50cm	Evergreen shrub of stalks up to 1.5m	3	9
<i>Ficaria magnifica</i> 'Vitta' [w]	21	35-40cm	Deciduous shrub with pale yellow flowers through summer 1.2m	4	45
<i>Geranium Johnson's Blue</i> [w]	21	25-30cm	Summer flower blue clump flowering 50cm	7	66
<i>Hebe 'Garden Beauty Blue' [w]</i>	21	25-30cm	Blue summer flowers evergreen 50cm	5	63
<i>Hebe 'Garden Beauty White' [w]</i>	21	25-30cm	White summer flowers evergreen 50cm	5	54
<i>Hedera helix</i> 'Aureo-variegata' [w]	21	45-50cm	Deciduous shrub with white variegated leaves	6	12
<i>Urtica dioica</i> [w]	21	25-30cm	Evergreen narrow leaves with purple flowers in autumn up to 50cm	7	60
<i>Phytolacca tuberosa</i> 'Fernsation' [w]	21	25-40cm	Fish scale flowers 90cm	5	18
<i>Phlox paniculata</i> 'Creme Delight' [w]	21	25-40cm	Evergreen shrubbed plant with cream and green variegated 90cm	4	9
<i>Potentilla fruticosa</i> 'Alba' [w]	21	35-45cm	Deciduous shrub with white flowers through the summer 100cm	3	43
<i>Ranunculus officinalis</i> [w]	21	25-30cm	Evergreen fringed stalks with blue spring flowers up to 1.5m	5	30
<i>Rubus rosifolius</i> [w]	21	25-30cm	Evergreen native 75cm	1	48
<i>Verbena bonariensis</i> [w]	21	45-50cm	Verbena like perennial with purple flowers in summer 2m	7	16

Annual Hedge - 5 part linear metric in staggered rows (Annual); Native = (n), wildlife friendly = (w); multi-stemmed = (M)					
Name	Size	Root condition	Habit	Density per hectare	Notes
Wistaria sinensis (n)	80cm	Fl pot	Evergreen	1	210

Climbers: Native + [n] - wildlife friendly + [w] - multi-stemmed [MS]					
Name	Pot Size	Height	Habit	Density per m ²	Number
<i>Clematis 'Mamora Alba'</i> [n]	3L	30cm	Early clematis, white profuse flowers	1	1
<i>Clematis terniflora</i> 'Rubens' [n]	3L	30cm	Early clematis, blue profuse flowers	1	1
<i>Clematis ligusticifolia</i> 'Apple Blossom' [n]	2L	60cm	Evergreen with early white fragrant flowers	1	4
<i>Fremontodendron</i> 'California Glory' [n]	3L	60cm	Evergreen wall shrub with large yellow flowers through summer up to 6m	1	2
<i>Hebe 'coccinea'</i> 'Sulphur Heart' [n]	2L	60cm	Variegated evergreen shrub with white flowers good in shade	1	2
<i>Hydrangea petiolaris</i> 'Grandiflora'	3L	60cm	Deciduous self supporting climber with white flowers good in shade	1	1
<i>Rosa 'Rambling Rector'</i> [n]	2L	60cm	Repeat flowering climbing rose 4m	1	2
<i>Rosa rugosa</i> 'Korbin' [n]	2L	60cm	White fragrance non climbing rose 4m	1	2
<i>Salvia corymbosa</i> 'Blue Heaven'	3L	60cm	Deciduous with blue summer flowers up to 8m	1	2
<i>Thlaspi ciliatum</i> 'Parviflorum'	3L	4-50cm	Evergreen highly fragrant 4m	1	1
<i>Wistaria sinensis</i> 'Blue Sagittaria'	3L	60cm	Deciduous climber with blue flowers June-July highly fragrant 8m	1	1

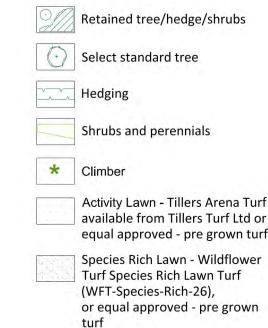


The planting shall be carried out in the first planting (seeding) season following completion of the development (between December and March inclusive). II

All plant stock, plant handling and planting to be undertaken in accordance with the following British Standard Specifications and Code of Practice:

- BS 3936:1992 Part 1 Nursery Stock - Specification for trees and shrubs;
- BS 3936:1998 Part 10 Nursery Stock - Specification for ground cover plants;
- BS 4428:1989 - Code of Practice for General Landscaping Operations (excluding hard surfaces);
- BS 8545:2014 Trees from Nursery to Independence in the Landscape;
- The Code of Practice for Plant Handling 2002 (Horticultural Trades Association).

LEGEND (SOFT WORKS)



Notes
Plan to be read in conjunction with the engineer and landscape drawings.

No measurements to be scaled off drawing. Worked from figured dimensions only.

All dimensions shown on drawing are shown in millimetres unless otherwise stated.

All dimensions and levels to be checked on site. Landscape Architect to be notified immediately of any discrepancies prior to the commencement of works.

SYNTEGRA

Date	Reason for revisions	By
Client Anupam Dhatt		
Project: Proposed Care Home, 18 Field Heath Road, Uxbridge, UB8 3NF		
Drawing Title: Soft work		
Scale:	1:200 @ A1	Date: March 2022
Drawing Number:	1313-01	Revision Number: -



Designer Risk Assessment



Project	Care Home, 18 Pield Heath Rd, Uxbridge		Designer	Jo Wild		Date	18.03.2022	
Notes	Residents of care home can be frail, and/or suffering from hearing and/or sight loss. Some possible diminishing of mental health and/or faculties							
Location	Activity/Element	Potential Hazards	Population at Risk	Risk Rating			Action at Design Stage (Initials)	Possible Control (Initials)
				Likelihood	Severity	Risk		
Garden areas	water/ soil	Legionnaires	residents/ grounds staff	D	B	Medium	No water features	High levels of maintenance/ clear standing water
		Leptospirosis		D	B	Medium	No exposed soil/ thorough maintenance schedule	High levels of maintenance
		Tetanus		D	B	Medium	No exposed soil/ thorough maintenance schedule	High levels of maintenance
Garden areas	Chemical agents	Adverse reaction	residents/ grounds staff	D	B	Medium	Manual clearing of weeds	Residents should be protected during garden maintenance High levels of maintenance Essential H&S equipment used at all times
	Environmental factors	Cold, heat stress, sun burn, ingestion of plant material	residents/ grounds staff	D	D	Low	Garden north facing Plant selection low risk if ingested	Care of residents in outdoor locations should be part of H&S manual for the home
	Ergonomic factors	Repetitive strains/ muscular damage/ heavy lifting	Grounds staff	D	D	Low	Garden low maintenance	Management company H&S manual for outdoor work
	Equipment	Injury to limbs/ Eye damage/ fumes	Grounds staff	D	D	Low	Garden low maintenance	Management company H&S manual for outdoor work

	Noise	Hearing damage/ Annoyance/ distraction/ stress	residents/ grounds staff	D	D	Low	Garden low maintenance	Residents should be protected from loud garden maintenance/ activities Management company H&S manual for outdoor work
Garden areas / Car parking and entrance to buildings	Trips/ Slips and Falls	Uneven surfaces and pavements/ unmarked edges on steps and ramps / Inadequate lighting/ slippery surfaces/ obstructions/ unsuitable footwear	residents/ care home staff/ grounds staff	B	B	High	Pavements designed to have no steps Surface material fixed with grippy surface Some lighting to ground designed in however a Lighting plan should be provided by expert designers	Adequate maintenance schedule to ensure any damaged surfaces repaired Ensure lighting fixings are working at all times
Car parking and entrance to buildings	Vehicle movements	Collisions vehicle to people/ vehicle to vehicle	residents/ care home staff	D	B	Medium	One way system segregation of people and vehicles	Secure entrance and exits Dropping off point at building entrance Adequate passing places for pedestrians

Tables 1**Likelihood**

Description	Code	Definition regarding structure	Definition regarding persons
Frequent	A	Every week	Constant exposure
Likely	B	Every month	80% exposure
Possible	C	Every year	60% exposure
Unlikely	D	Every few years	40% exposure
Remote	E	Every 10 years	20% exposure
Improbable	F	Never extremely unlikely	Little or no exposure

Exposure implies the exposure to the hazard which takes into account the possible failure of any control measure introduced

Table 2**Severity**

Description	Code	Definition
Fatality	A	Single or multiple fatality
Severe Injury	B	Fracture or major bone break; loss of limb, eye, sight, hearing; acute illness; resuscitation; 1 month + absence due to injury
Major Injury	C	Fracture of hand, wrist, ankle; major burn; loss of consciousness; loss of digits; temporary loss of sight; hearing; illness leading to 3 to 30 days off work
Minor injury	D	Fracture of digits; sprain; strain; abrasions; bruising; minor burn; allergies; minor ill health or injury leading to less than 3 days off work

Table 3**Risk Rating**

		Likelihood of Harm					
		Frequent A	Likely B	Possible C	Unlikely D	Remote E	Improbable F
Severity	Fatal A	High	High	High	Medium	Medium	Low
	Severe B	High	High	Medium	Medium	Low	Low
	Major C	High	Medium	Medium	Low	Low	Low
	Minor D	Medium	Medium	Low	Low	Low	Low

LANDSCAPE SPECIFICATION

For proposed soft and hard works at:

Proposed Care Home, 18 Pield Heath Road, Uxbridge, UB8 3NF

Prepared by:
Jo Wild, Landscape Architect

Date:
18 March 2022
Project: 1313

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LIST OF APPENDICES

Appendix 1 - Soft works plan
Appendix 2 - Hard works plan

1 Design Strategy

- 1.1 The following speciation is for the new landscape areas associated with the development of a car home at 18 Pield Heath Rd, Uxbridge, UB8 3NF.
- 1.2 The speciation is accompanied by the soft works plans at the appendices of this report:
 - 1313-01 18 Pield Heath Rd soft works
 - 1313-02 18 Pield Heath Rd hard works
- 1.3 The landscape specification and soft works drawing have been prepared to support a planning application and for detailing boundary and surface treatments, management and maintenance.
- 1.4 There are some trees and hedgerows to be retained on the site boundaries which require protection during all landscaping works.

2 Planting area preparation

- 2.1 Areas of new landscaping to boundaries and shrub borders should be protected throughout the construction phase to avoid ground compaction where possible.
- 2.2 Any areas that are unavoidably subject to compaction should have topsoil removed and stored until landscaping can take place; these areas should be cultivated and de-compacted prior to reapplication of topsoil.
- 2.3 In areas of new landscaping, existing ground cover, understorey vegetation, leaf litter and other surface debris shall be removed using hand operated tools only, e.g. brush cutters, rakes etc. Care shall be taken to ensure tools do not cause impact damage to neighbouring tree RPAs, stems or branches. Particular care to be taken when new planting within the RPAs of retained trees takes place.
- 2.4 A suitable approved systemic herbicide shall be applied 4 weeks prior to cultivation at no more than manufacturer's approved rates by spot treatment to emergent weeds only, taking care to prevent spray drift onto the stems or leaves of trees to be retained, where necessary.
- 2.5 If necessary, a second application may be applied at least 2 weeks prior to cultivation.
- 2.6 Within the RPAs of the trees to be retained, there shall be NO raising of levels with imported topsoil, and these areas will be protected throughout development phase.

Sub soil

- 2.7 Subsoil will be reused on site however if subsoil is imported, subsoil shall meet the following specification:
 - Texture 5-50% clay
 - PH 6-7.5
 - Stones <20%

To be free from toxic substances, weed seeds, plastic, metals etc. Subsoil shall be spread to a minimum of 250mm below new grass and shrub areas. Tree pits to be constructed as described in section 1.3 'Plant and Planting Specification'. Subsoil to be spread by hand or using a back-acting track vehicle to cause minimum compaction and loss of soil structure. No soil handling shall be undertaken when the soil is wetter than the plastic limit.

Top soil

- 2.8 Topsoil will be reused on site however if topsoil is imported, imported topsoil shall be general purpose grade as described in Table 2, Topsoil Characteristics of BS 3882 - Specification for topsoil. Soil shall be stored in heaps not exceeding 1.5 metres high. Heaps shall be graded to

shed water and avoid ponding, maintained in a weed-free condition and protected from contamination or trespass by heavy machinery.

- 2.9 Reused topsoil should be stored to the same method as 2.8.
- 2.10 Topsoil shall be lightly consolidated in layers not exceeding 150mm using track laying machinery. Works shall not be undertaken in periods of wet weather.
- 2.11 Topsoil shall be laid to the following minimum depths:
 - 150mm below new grass areas;
 - 400mm beneath new shrub areas.
- 2.12 Finished levels, after settlement, shall be as follows:
 - 25mm above adjacent paving, new grassed areas and non-mulched shrub beds;
 - 75mm below adjacent paving and grass for mulched planting beds.
- 2.13 Tree pits to be back filled with topsoil to BS3882 specification.

Soil improvement

- 2.14 40 litres of compost to be incorporated into the top 200mm of each square metre of topsoil for all ornamental shrub beds only.

3 Planting specification

- 3.1 The planting shall be carried out in the first planting (seeding) season following completion of the development (between December and March inclusive).
- 3.2 All plant stock, plant handling and planting to be undertaken in accordance with the following British Standard Specifications and Code of Practice:
 - BS 3936:1992 Part 1 Nursery Stock - Specification for trees and shrubs;
 - BS 3936:1981 Part 10 Nursery Stock - Specification for ground cover plants;
 - BS 4428:1989 - Code of Practice for General Landscaping Operations (excluding hard surfaces);
 - BS 8545:2014 Trees from Nursery to Independence in the Landscape;
 - The Code of Practice for Plant Handling 2002 (Horticultural Trades Association).

Plant Stock:

- 3.3 Plant stock to be supplied in accordance with the size and description specified on the plant schedule.
- 3.4 Plant stock shall be healthy, vigorous, free from pests and diseases and suitably hardened off for the proposed situation of planting, and lifted at a time in accordance with good nursery practice. Stock shall have a well formed fibrous root system and be free from perennial weeds. The form of trees shall be in accordance with BS 3936: 1992 Part 1 Section 7 - Form of trees.

Plant Handling:

- 3.5 All plant materials shall be lifted, bundled, labelled, packaged, transported, temporarily stored and planted in accordance with the procedures and methods illustrated in the publication, "Plant Handling" (Horticultural Trades Association) and relevant sections of BS 8545:2014 Trees from Nursery to Independence in the Landscape.

Shrub Planting:

- 3.6 All bare root stock shall be planted between December and March inclusive. Plants shall be delivered to site in quantities which can be planted the same day. No plant roots shall be allowed to dry out.
- 3.7 2L and 3L pot grown shrubs shall be planted in pits 350x350x350mm and back-filled gently with original topsoil combined with 1kg of slow release fertiliser per 300 square metres. (Isobutizidene divrea or sulphur-coated urea or similar approved).
- 3.8 Plant stock shall be watered in same day with 5 litres per plant.

Hedge Planting:

3.9 Plant handling as with Shrub planting: Single species in groups of 5 plants per linear metre. Back-filled gently with original topsoil. Insert spiral biodegradable plant guard and cane if necessary.

Tree Planting:

3.10 Pits to be prepared to 800x800x800mm. Sides to be scarified if sides have become compacted during excavation. Excavated material of usable quality to be retained in separated topsoil and subsoil for reuse where possible.

3.11 Standard Trees to be single staked using one stake (50mm diameter), driven into ground 300mm below bottom of pit. Base of pit to be filled with 200mm of approved topsoil.

3.12 Trees to be centrally located and stem placed in an upright position. Pit to be back-filled with original subsoil and topsoil to match previous levels, or subsoil and topsoil as described in section 2. Backfill firmly with original top soil, to 50mm above previous ground level to allow for settlement where possible.

3.13 Saw stakes to leave 600mm above soil level. Fix adjustable tree ties to each stake using biodegradable tree ties. Deer protection 120cm spiral tubes.

3.14 Water in same day with 50 litres per tree.

3.15 All works shall be carried out to the minimum standard according to BS 3936:1992 -Nursery stock specification for trees and shrubs and BS 8545:2014 Trees from Nursery to Independence in the Landscape.

Mulch:

3.16 Planting beds shall be spread with a medium grade bark mulch to a settled depth of 75mm. Mulch to be free from fines, weeds, disease and contaminants.

4 Maintenance

4.1 External space shall be maintained by the Developers agent during the time of implementation. Thereafter a landscape contractual arrangement should be made to ensure the maintenance of all public soft landscaped areas on behalf of the care home.

Regular visits:

4.2 Maintenance visits to include the following operations:

- Hand weed planting beds ;
- Remove litter;
- Sweep mulch spillage;
- Re-firm plant stock as necessary;
- Adjust stakes and ties as necessary;
- Prune plant stock as required to encourage good form and maintain the width of footways;
- Check all plant stock and report signs of pests, disease, death and damage;
- Maintain paths free of debris and overhanging plants;
- Inspect paths for build up of algae and apply treatment to maintain a slip free surface.

Watering:

4.3 Plant stock to receive the following quantities of water:

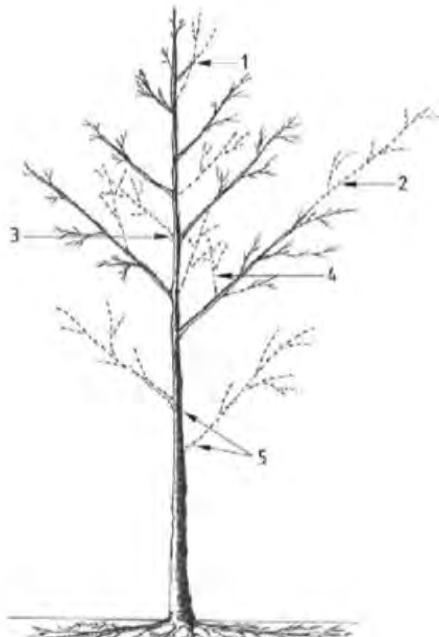
- Standard trees - 25 litres on 10 occasions throughout the growing season, or when less than 30mm precipitation at the end of any 4 week period;
- Hedgerows - 20 litres per m² on three occasions throughout growing season, or when less than 30mm precipitation at the end of any 4 week period;
- Shrub borders - on 10 occasions throughout the growing season, or when less than 30mm precipitation at the end of any 4 week period.

Plant replacements:

4.4 Within 5 years of completion of the development all dead, dying and vandalised plant stock to be replaced at the end of each growing season throughout the maintenance period.

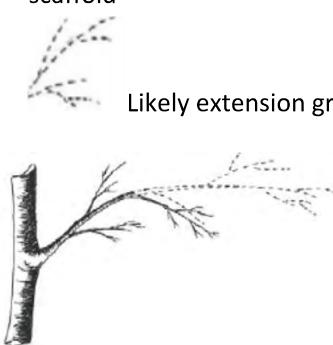
Management of new trees:

4.5 Trees shall be inspected every autumn in order to assess their condition and identify tree work requirements. Tree works shall be carried out in accordance with the recommendations of the assessment in accordance with BS 3889:2010 Tree Works and BS8545 Trees from Nursery to Independence in the Landscape.



4.6 Formative pruning of trees (BS8545:2014)

- Co dominant leader to be removed
- Over vigorous laterals to be subordinated
- Opposite branches to be removed
- Upright growth into crown to be removed
- Lower branches from nursery to be kept subordinated and to not form part of final scaffold
- Likely extension growth following pruning



4.7 Lateral branches subordinated to retain size at no more than 50% diameter of main stem at point of attachment.



4.8 Included branch unions or weak forks to be pruned out.



4.9 Co-dominant leaders to be pruned out or subordinated to the main leader.

Hedgerows:

4.10 Single species hedgerows to be maintained at 1.2m high.

Grass cutting:

4.11 Grass to be cut throughout the first growing season to maintain a sward of 40mm to create tillering of grasses and make good coverage. To be edged and clippings removed and watered as necessary.

4.12 Second growing season and ongoing mow regularly to 25-40mm sward.

Management Soft works

	Year 1	Year 2	Year 3	Year 4	Year 5
Shrub pruning	Maintain good form. Remove herbaceous material in spring before new growth. Replace, dead dying and diseased stock	Maintain good form. Remove herbaceous material in spring before new growth. Replace, dead dying and diseased stock	Maintain good form. Remove herbaceous material in spring before new growth. Replace, dead dying and diseased stock	Maintain good form. Remove herbaceous material in spring before new growth. Replace, dead dying and diseased stock	Maintain good form. Remove herbaceous material in spring before new growth. Replace, dead dying and diseased stock
Lawn care	Regular mowing throughout the first growing season to maintain a 40mm sward. Maintain tidy edges and remove arisings	Regular mowing throughout the first growing season to 25-40mm sward Maintain tidy edges and remove arisings	Regular mowing throughout the first growing season to 25-40mm sward Maintain tidy edges and remove arisings	Regular mowing throughout the first growing season to 25-40mm sward Maintain tidy edges and remove arisings	Regular mowing throughout the first growing season to 25-40mm sward Maintain tidy edges and remove arisings
Hedgerows	Formative pruning, reduce to 75cm to encourage bushy growth.	Formative pruning, reduce to 1m to encourage bushy growth.	Maintain frontage hedgerows at 1.2m height and 30cm width. Rear hedgerows at 1.8m height various widths	Maintain frontage hedgerows at 1.2m height and 30cm width. Rear hedgerows at 1.8m height various widths	Maintain frontage hedgerows at 1.2m height and 30cm width. Rear hedgerows at 1.8m height various widths
Inspection of tree health	Yearly Check tree health. Ensure good form by formative pruning to B8545,2014 Replace, dead dying and diseased stock	Yearly Check tree health. Ensure good form by formative pruning B8545,2014 Replace, dead dying and diseased stock	Yearly Check tree health. Remove tree ties and stake. Replace, dead dying and diseased stock	Yearly Check tree health. Remove tree ties and stake. Replace, dead dying and diseased stock	Yearly Check tree health. Replace, dead dying and diseased stock

5 Plant schedule

Trees - Selected Standard: Native = (n); wildlife friendly = (w); multi-stemmed (MS); Container grown (CG)				
Name	Girth/root stock	Root condition	Habit	Number
Betula pendula (n)	10-12cm	Bare root	Silver birch - native with a light crown and interesting pale bark, up to 20m	3
Carpinus betulus (n)	10-12cm	Bare root	Hornbeam - native tree with good Autumn colour 20m+	1
Prunus 'Victoria Plum' (w)	St Julien 'A'	Bare rooted or 5l pot	Desert plum, self fertile	1
Purus 'Concorde' (w)	Quince 'A'	Bare rooted or 5l pot	Desert pear, self fertile	1
Malus Discovery (w)	MM106	Root balled or CG	Desert apple, self fertile	1
Tilia cordata (n)	10-12cm	Bare root	Small leaved lime - deciduous tree 25m+	1

Shrubs and Perennials: Native = (n); wildlife friendly = (w); multi-stemmed (MS)					
Name	Pot Size	Height	Habit	Density per sqm	Number
Acorus variegatus (w)	2l	30-40cm	Evergreen perennial with two colour spikes of leaves 50cm	5	57
Anemone hupenensis 'September Charm' (w)	2l	20-30cm	Japanese anemone - late summer pink flowers 60cm	7	72
Anemone x hybrida 'Richard Ahrens' (w)	2l	20-30cm	Japanese anemone - late summer white flowers at 1.5m	7	42
Asplenium scolopendrium (w)	3l	40-60cm	(Harts Tongue Fern) Evergreen shade tolerant with dark leaves to 100cm	5	93
Blechnum spicant (n)	2l	20-30cm	Evergreen native fern 45cm	7	77
Chaenomeles speciosa 'Pink Lady' (w)	3l	60cm	Shade tolerant wall shrub with early pink spring flowers 90cm	3	8

<i>Choisya ternata 'Aztec Pearl'</i> (w)	2l	40-60cm	Deciduous purple leaved shrub with pale pink flowers summer/autumn up to 1.8m	3	20
<i>Cistus x purpureus</i> (w)	2l	40-60cm	Deciduous purple flowered shrub up 100cm	5	36
<i>Cornus sanguinea</i> (n)	3l	20-40cm	Winter red stems native plant	4	15
<i>Cornus stolonifera 'Flaviramea'</i> (w)	3l	20-40cm	Winter yellow stems	4	15
<i>Cytisus scoparius 'Boskoop Ruby'</i> (w)	2l	30-40cm	Red flowers in summer up to 1.2m	4	39
<i>Deutzia gracilis 'Nikko'</i> (w)	3l	30-40cm	Deciduous shrub with white flowers in spring/summer up to 1m	5	36
<i>Digitalis purpurea</i> (n)	2l	20-40cm	Perennial native summer flowering spike purple flowers	7	96
<i>Dryopteris filix-mas</i> (n)	3l	30-40cm	Semi evergreen native 'Male' fern 1.2m	5	75
<i>Euonymus fortunei 'Emerald Gaiety'</i> (w)	2l	20-30cm	Variegated green and white evergreen 50 - 100cm	5	45
<i>Fatsia japonica</i> (w)	3l	30-40cm	Evergreen structural plant up to 1.5m	3	9
<i>Fuchsia magellanica 'alba'</i> (w)	2l	30-40cm	Deciduous shrub with pale pink flower heads through summer 1.2m	4	45
<i>Geranium 'Johnson's Blue'</i> (w)	2l	20-30cm	Summer flowers blue clump forming 50cm	7	66
<i>Hebe 'Garden Beauty Blue'</i> (w)	2l	20-30cm	Blue summer flowers evergreen 50cm	5	63
<i>Hebe 'Garden Beauty White'</i> (w)	2l	20-30cm	White summer flowers evergreen 50cm	5	56
<i>Hydrangea macrophylla 'Fireworks'</i> (w)	3l	40-60cm	Deciduous shrub with white summer flowers 1m	4	12
<i>Liriope muscari</i> (w)	2l	20-30cm	Evergreen narrow leaves with purple flowers in autumn up to 50cm (w)	7	60
<i>Phlomis tuberosa 'Amazone'</i> (w)	2l	20-40cm	Pink summer flowers 90cm	5	18
<i>Phormium cookianum 'Cream Delight'</i> (w)	3l	20-40cm	Evergreen structural plant with cream and green variegation 1m	4	9

Potentilla fruticosa 'Abbotswood' (w)	2l	30-40cm	Deciduous shrub with white flowers through summer 100cm	5	45
Rosmarinus officinalis (w)	2l	20-30cm	Evergreen fragrant shrub with blue spring flowers up to 1m	5	30
Ruscus aculeatus (n)	3l	20-30cm	Evergreen native 75cm	3	48
Verbena bonariensis (w)	2l	40-60cm	Herbaceous perennial with purple flowers in summer 2m	7	36

Formal Hedgerow - 5 per linear metre in staggered rows (formal): Native = (n); wildlife friendly = (w); multi-stemmed (MS)					
Name	Size	Root condition	Habit	Density per lsqm	
Viburnum tinus (w)	80cm	3l pot	Evergreen	5	260

Climbers: Native = (n); wildlife friendly = (w); multi-stemmed (MS)					
Name	Pot Size	Height	Habit	Density per lm	Number
Clematis 'Montana Alba' (w)	3l	30cm	Early clematis, white profuse flowers	1	1
Clematis montana var. rubens 'Elizabeth' (w)	3l	30cm	Early clematis, blue profuse flowers	1	1
Clematis armandii 'Apple Blossom' (w)	3l	60cm	Evergreen with early white fragrant flowers 8m	1	4
Fremontodendron 'California Glory' (w)	3l	60cm	Evergreen wall shrub with large yellow flowers through summer up to 6m	1	2
Hedera colchica 'Sulphur Heart' (w)	2l	60cm	Variegated large leafed ivy up to 8m	1	2
Hydrangea petiolaris (w)	3l	60cm	Deciduous self supporting climber with white flowers good in shade	1	1
Rosa 'The Generous Gardener' (w)	2l	60cm	Repeat flowering climbing rose 4m	1	3

Rosa 'Rambling Rector' (w)	2l	60cm	White fragrant rambling rose 7m	1	2
Solanum cripes 'Glasnevin' (w)	3l	60cm	Deciduous with blue summer flowers up to 8m	1	2
Trachelospermum jasminoides (w)	3l	40-60cm	Evergreen highly fragrant 8m	1	1
Wisteria sinensis 'Blue Sapphire' (w)	3l	40-60cm	Deciduous climber blue flower May - June highly fragrant 8m	1	1

6 Hard works schedule

Material	Marshalls – Tegula Priora ‘Harvest’ concrete block permeable paving 60mm deep, 160 x 160, staggered pattern 
Usage	Areas indicated on hard works plan

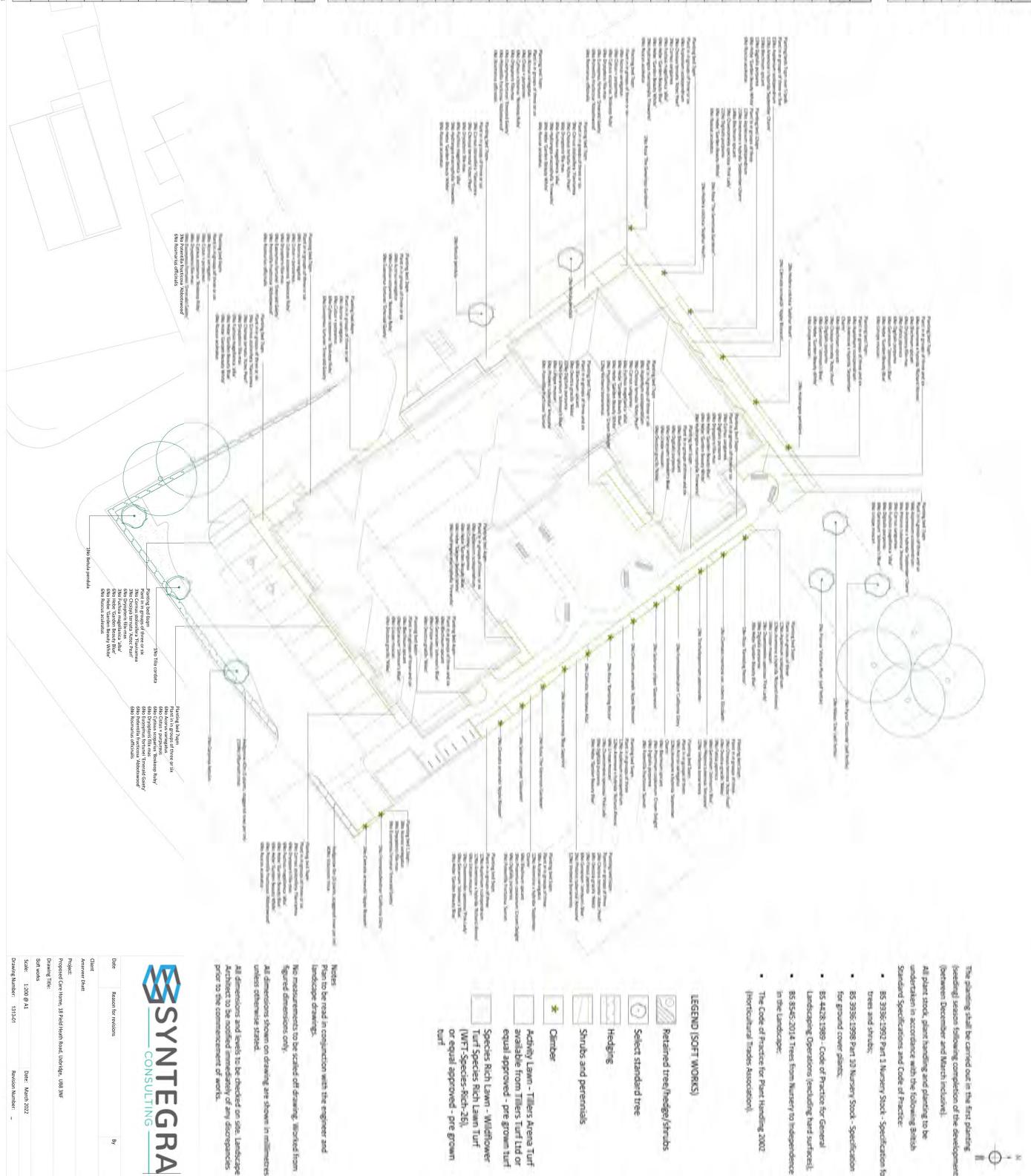
Material	Addagrip resin bound gravel ‘Summer Gold’, 5mm 
Usage	Areas indicated on hard works plan

Material	Langley Designs – Bespoke Shelton Bin Shed, treated timber, single door, 3250mm l x 2550mm w x 20200mm h 
Usage	Areas indicated on hard works plan

Material	MetroSTOR– multiple charging and secure parking for mobility scooters, 1914mm x 4017mm x 2084mm h 
Usage	Areas indicated on hard works plan

Material	BikeDockSolutions - Recycle Shelter 10 Bike Shed, timber, secure 4100mm l x 2100mm w x 2200mm h Cycle racks - Sheffield Bike Loop, Floor mounted H800 x W715mm 
Usage	Areas indicated on hard works plan

APPENDIX 1



APPENDIX 2

