

LANDSCAPE SPECIFICATION (V5)

For proposed SOFT AND HARD works at:
Agar Grove Regeneration Phase 1A and 1B, Camden, London

Prepared by:
Jo Wild, Landscape Architect
E: jtmwild@btinternet.com
T: 07867 336117

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- Appendix 1 - Soft works plans Phase 1A and 1B
- Appendix 2 - Hard works plans Phase 1A and 1B
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1 Design Strategy

- 1.1 The following specification is for the new landscape areas associated with the development of Phase A, Agar Grove Re-generation project at Camden, NW1 ORE.
- 1.2 The specification is accompanied by the soft and hard works plans at the appendices of this report:
- 1042-01 soft works Agar Grove Phase 1A
 - 1042-02 hard works Agar Grove Phase 1A
 - 1042-03 soft works Agar Grove Phase 1B
 - 1042-04 hard works Agar Grove Phase 1B
 - 1042-05 tree pit detail Agar Grove Phase 1A and 1B
- 1.3 The landscape specification and soft and hard works drawings have been prepared for the purpose of the discharge of planning condition 26 of planning consent 2013/8088/P, and means of enclosure of all un-built, open areas designs, including tree/plant species, sizes and positions and full details regarding the design, materials and type of boundary treatment. The condition requires discharge prior to construction works commencing.
- 1.4 Phase 1A has currently has been cleared of any structures and hard surfaces, and vegetation other than that to be retained. There are three trees to be retained on site, which protection during all landscaping works.
- 1.5 All construction works to carried out in compliance with Engineer's drawings and in reference to Landscape Specification AGC377-AL-SP-001, May 2014 (Grant Associates).

2 Planting area preparation

- 2.1 Phase 1A has been previously cleared. 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. Where possible areas of landscaping areas should be protected throughout the development of the site.
- 2.2 Phase 1B where possible areas of landscaping areas should be protected throughout the development of the site, as with Phase 1B 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 mechanical means, except within RPAs where hand operated tools only, e.g. chainsaws, brush cutters, rakes etc should be used. Care shall be taken to ensure tools do not cause impact damage to neighbouring tree stems or branches. Particular care to be taken when new planting takes place within the RPAs of retained trees.
- 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 brownfield sites such as this, areas of tree and shrub planting should be evaluated once site clearance has been carried out to confirm quality of planting medium and ability of soil structure to support planting, especially trees to maturity.
- 2.7 Quality of the planting medium of rooting areas beyond the excavated tree pits, including those within hard standing should be evaluated before hard landscaping is carried out. If necessary, areas of rubble and/or compacted soil to be excavated and replaced/reused with subsoil and topsoil to specification outlined below. Soil volume requirements do vary, however the eventual spread of the tree crown can be used as a rough guide to providing a good planting medium that can support trees to maturity.
- 2.8 Within the RPAs of the trees to be retained, there shall be NO raising of levels with imported topsoil.

Sub soil

- 2.9 Ideally subsoil reclaimed from the site is reused. Imported subsoil should match as closely as possible those on site. Alternatively, if current soil condition is poor, imported subsoil shall meet the following specification:
- Texture 5-50% clay
 - PH 6-7.5

- Stones <20%

2.10 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

2.11 Ideally topsoil reclaimed from the soil is reused. Imported topsoil should match as closely as possible those on site. Alternatively, if the current soil condition is poor, general purpose grade as described in Table 2, Topsoil Characteristics of BS 3882 - Specification for topsoil should be used. 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.

2.12 Topsoil shall be lightly consolidated in layers not exceeding 150mm using track laying machinery. Works shall not be undertaken in periods of wet weather.

2.13 Topsoil shall be laid to the following minimum depths:

- 150mm below new grass areas;
- 400mm beneath new shrub areas.

2.14 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.

2.15 Tree pits to be back filled with topsoil to BS3882 specification.

Soil improvement

2.16 Compost and fertilisers to be incorporated into the top 200mm of each square metre of topsoil for all ornamental shrub beds and tree pits (Refer to Landscape Specification AGC377-AL-SP-001, May 2014 for quantities).

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 4043:1989 - Recommendations for transplanting of root-balled trees.

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: 8 staggered plants per linear metre. Back-filled gently with original topsoil

Standard 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 3:1 mix of approved topsoil/ 'peat free' compost.
- 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/compost combined, 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.

Heavy Standard to Semi-mature Tree Planting:

- 3.16 Pits to be prepared to 1200x1200x1000mm or 75mm greater than rootball. 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.
- 3.17 Underground guying mechanism to be installed in accordance with BS 8545:2014 Trees from Nursery to Independence in the Landscape. Install underground irrigation pipe. To be coiled perforated UPVC pipe, sealed at one end and spirally wrapped 4 times around rootball or bare roots. Pipe to project 100mm above finished ground level and fitted with a cap.
- 3.18 Trees to be centrally located and stem placed in an upright position, to be double staked using two stake (50mm diameter), driven into ground 300mm below bottom of pit. 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/'peat free' compost, to 50mm above previous ground level to allow for settlement where possible.

- 3.19 Water same day with 100 litres per tree.
- 3.20 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.
- 3.21 Refer to drawing JW tree pit 5 detail

Heavy Standard to Semi-mature Tree Planting in hard standing:

- 3.22 Pits to be prepared to 1200x1200x1000mm or 75mm greater than rootball. 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.
- 3.23 Underground guying mechanism to be installed in accordance with BS 8545:2014 Trees from Nursery to Independence in the Landscape. Install underground irrigation pipe. To be coiled perforated UPVC pipe, sealed at one end and spirally wrapped 4 times around rootball or bare root. Pipe to project 100mm above finished ground level and fitted with a cap.
- 3.24 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/'peat free' compost, to 50mm above previous ground level to allow for settlement.
- 3.25 Water same day with 100 litres per tree.
- 3.26 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.
- 3.27 Refer to drawing 1042-05 Tree pit detail

Mulch:

- 3.28 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 soft landscaped areas on behalf of the residents.

Regular visits:

- 4.2 In the first 24 months 35 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.
 - Clean all timber furniture with warm soapy water to remove dirt or other build-up.

Watering:

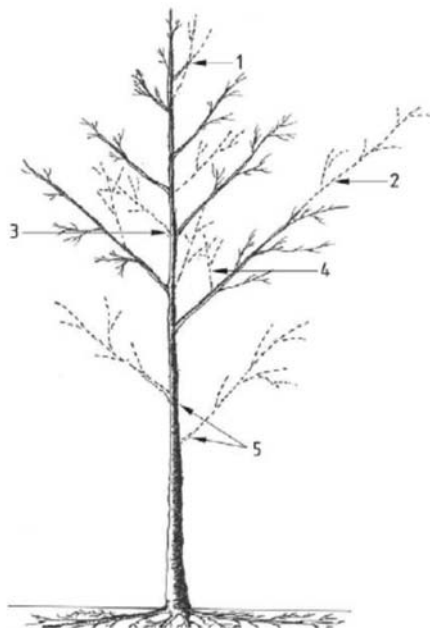
- 4.3 Plant stock to receive the following quantities of water in the first 24 months:
- Standard trees - 25 litres on 10 occasions throughout the growing season, or when less than 30mm precipitation at the end of any 4 week period
 - Semi mature trees - 25 litres on 10 occasions throughout the growing 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 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 Trim outside of the bird nesting season in late February. Maintain hedgerow at 1m width and 1.2m high.

Grass cutting:

- 4.11 Grass to be cut throughout the first growing season to maintain a sward of 35mm. To be edged and clippings removed and watered as necessary.
- 4.12 Wild flora grass areas - Mowing can be suspended from late July until October to increase flowering, mowing to be recommenced and all arisings removed. Mowing can be continued throughout growing season if preferred.

Management plan

	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 Climbers to be re tied where necessary and supporting wires applied	Maintain good form. Remove herbaceous material in spring before new growth. Replace, dead dying and diseased stock Top up mulch Climbers to be re tied where necessary and supporting wires applied	Maintain good form. Remove herbaceous material in spring before new growth. Replace, dead dying and diseased stock Climbers to be re tied where necessary and supporting wires applied	Maintain good form. Remove herbaceous material in spring before new growth. Replace, dead dying and diseased stock Top up mulch Climbers to be re tied where necessary and supporting wires applied	Maintain good form. Remove herbaceous material in spring before new growth. Replace, dead dying and diseased stock Climbers to be re tied where necessary and supporting wires applied
Wild flora lawn care	Regular mowing throughout the first growing season Maintain tidy edges and remove arisings	Suspend mowing between July and October Maintain tidy edges and remove arisings	Suspend mowing between July and October Maintain tidy edges and remove arisings	Suspend mowing between July and October Maintain tidy edges and remove arisings	Suspend mowing between July and October Maintain tidy edges and remove arisings
Inspection play equipment	Ensure areas of play are free of litter and plant growth Follow maintenance plan from manufacturer for individual play equipment	Ensure areas of play are free of litter and plant growth Follow maintenance plan from manufacturer for individual play equipment	Ensure areas of play are free of litter and plant growth Follow maintenance plan from manufacturer for individual play equipment	Ensure areas of play are free of litter and plant growth Follow maintenance plan from manufacturer for individual play equipment	Ensure areas of play are free of litter and plant growth Follow maintenance plan from manufacturer for individual play equipment
Hard landscaped areas	Apply herbicide when necessary Remove litter from surfaces and gullies	Apply herbicide when necessary Remove litter from surfaces and gullies	Apply herbicide when necessary Remove litter from surfaces and gullies	Apply herbicide when necessary Remove litter from surfaces and gullies	Apply herbicide when necessary Remove litter from surfaces and gullies
Hedgerows	Formative pruning, reduce to 1m to encourage bushy growth. Box hedging maintain at 500mm	Formative pruning, reduce to 1m to encourage bushy growth. Box hedging maintain at 500mm	Maintain at 1.2m height and 1m width. Box hedging maintain at 500mm	Maintain at 1.2m height and 1m width. Box hedging maintain at 500mm	Maintain at 1.2m height and 1m width. Box hedging maintain at 500mm

Inspection of tree health	Yearly Check tree health. Ensure good form by formative pruning	Yearly Check tree health. Ensure good form by formative pruning	Yearly Check tree health. Ensure good form by formative pruning	Yearly Check tree health. Replace, dead dying and diseased stock Remove stakes and ties	Yearly Check tree health. Replace, dead dying and diseased stock
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5 Plant schedule

5.1 Phase1A

Trees (n = native, w = wildlife friendly)				
Name	Girth	Root condition	Habit	Number
Pyrus calleryana 'Chanticleer' (w)	20- 25cm	Bare root	Conical with white spring flowers and small fruits up to 8m	4
Malus sylvestris (n)	10- 12cm	Bare root	Small native crab apple tree up to 12m	3
Sorbus aucuparia (n)	10- 12cm	Bare root	Native tree to 12m red berries in autumn	2
Quercus robur 'Fastigata' (w)	12- 14cm	Bare root	15m English specimen tree with upright habit	2

Specimen shrubs (n = native, w = wildlife friendly)					
Name	Pot Size	Height	Habit	Density per sqm	Number
Hamamelis x intermedia 'Arnolds Promise' (w)	15l	180-200cm multistemmed	up to 4m high with good autumn colour and yellow winter flowers	1	1
Hamamelis x intermedia 'Orange Beauty' (w)	15l	180-200cm	up to 4m high with good autumn colour and orange winter flowers	1	1

Shrubs and Perennials (n = native, w = wildlife friendly) BR = bare rooted					
Name	Pot Size	Height	Habit	Density per sqm	Number
Ajuga reptans (n)	2l	20-30cm	Native purple leaved ground cover with blue flowers summer 30cm	5	655
Alchemilla mollis (w)	2l	20-30cm	Perennial with pale green flowers up to 50cm	5	125
Anemone hupenhensis 'September Charm' (w)	2l	20-30cm	Late summer pink flowers 60cm	5	50
Anemone nemerosa (n)	2l	20-30cm	Woodland white or blue spring flower 50cm	6	1905
Carex pendula (n)	3l	20-40cm	Pendulous sedge up to 1.5m	2	579

Cornus sanguinea (n)	BR	20-40cm	Winter red stems native plant	1	35
Dryopteris filix-mas (n)	5l	30-40cm	Semi evergreen native fern 150cm	3	50
Galium oderatum (n)	2l	20-30cm	Spreading herbaceous perennial with white spring flowers up to 50cm	5	655
Geranium phaeum 'Album' (w)	2l	20-30cm	Summer flowers white clump forming 50cm	5	48
Helleborus x hybridus 'Gladys Burrow' (w)	3l	20-30cm	Deciduous perennial with late winter spring dark pink flowers up to 50cm	5	75
Helleborus x hybridus 'Helena Hall' (w)	3l	20-30cm	Deciduous perennial with late winter spring white to pink flowers up to 50cm	5	75
Luzula nivea (n)	2l	40cm	Evergreen perennial with glossy pale green leaves and white flowers up to 1m	5	125
Luzula sylvatica (n)	2l	40cm	Evergreen perennial with glossy pale green leaves up to 1m	5	470
Polystichum aculeatum (n)	2l	30-40cm	Evergreen native 'Hard Shield' fern up to 1m	3	470
Polystichum aculeatum (n)	3l	30-40cm	Evergreen native 'Hard Shield' fern up to 1m	3	15
Ribes sanguinea (n)	BR	40-60cm	Native currant flowers in spring 2.5m	1	15
Rosa canina (n)	BR	40-60cm	Native climbing rose	1	10
Sambucus nigra (n)	BR	40-60cm	Native shrub with white flowers and berries in summer up to 8m	1	15
Viburnum opulus (n)	BR	40-60cm	Native plant May white flowers with good Autumn colour, maintain up to 150cm	1	25

Hedging plants (n = native, w = wildlife friendly)

Name	Pot Size	Height	Habit	Density per 1m	Number
Buxus sempervirens (w)	5l	60cm	Evergreen shrub	9	565

Climbers (n = native, w = wildlife friendly)					
Name	Pot Size	Height	Habit	Density per 1m	Number
Parthenocissus 'Henryana' (w)	10l	60cm	Deciduous red to silver/green climber up to 12m	1	6
Hedera helix (n)	10l	60cm	Variegated large leafed ivy up to 8m	1	12
Hydrangea petiolaris (w)	10l	60cm	Deciduous self-supporting climber with white flowers good in shade	1	2

Bulbs (n = native, w = wildlife friendly)					
Name	Pot Size	Mature Height	Habit	Density per sqm	Number
Galanthus nivalis (n)	loose bulb	15cm	Early spring white flowers	16	7200
Narcissus 'February Gold' (w)	loose bulb	50cm	Pale yellow in spring	16	7200
Tulipa 'Spring Green' (w)	loose bulb	50cm	Spring white flower	16	960

5.2 Phase1B

Trees (n = native, w = wildlife friendly)				
Name	Girth	Root condition	Habit	Number
Acer palmatum 'Bloodgood' (w)	16-18cm	Root ball	Spreading shape good deep red colour up to 4m	1
Amelanchier lamarkii (n)	Multistemmed	Root ball	Small tree up to 7m, naturalised to Europe, white spring flowers and good Autumn colour, suitable for coppicing	11
Betula utilis Jacquemontii (w)	Multistemmed	Root ball no less than 4m	Very white stems upright branches	3
Cercidiphyllum japonicum (w)	Multistemmed	Root ball	Interesting foliage throughout season up to 12m	2
Liquidambar styraciflua (w)	30-35cm	Root ball	15m Good autumn colour	1
Malus domestica 'Discovery' (w)	18-20cm	CG M26 rootstock	Small edible apple tree up to 4m due to rootstock	1

Malus domestica 'Red Flagstaff' (w)	18-20cm	RB MM106 rootstock	Small edible apple tree up to 3m due to rootstock	1
Malus domestica 'Coxes Orange Pippin' (w)	18-20cm	RB MM106 rootstock	Small edible apple tree up to 3m due to rootstock	2
Prunus padus 'Watereri' (w)	18-20cm	Root ball	10-15m native with spring flowers related to species present adjacent	11
Salix alba (n)	18-20cm	Root ball	Native tree to suited to damp conditions and coppicing	8
Quercus robur (n)	40-60cm	Root ball	English specimen tree 20m+	1
Tilia cordata (n)	20-25cm	Root ball	Deciduous street tree 20m+	5

Shrubs and Perennials (n = native, w = wildlife friendly) BR = bare rooted					
Name	Pot Size	Height	Habit	Density per sqm	Number
Carex pendula (n)	2l	20-40cm	Pendulous sedge up to 1.5m	2	255
Cardamine amara (n)	9cm	20-40cm	Perennial spring white flower 30cm	7	15
Cardamine pratensis (n)	9cm	20-40cm	Perennial spring purple flower 50cm	7	250
Caltha palustris (n)	1l	30-40cm	Perennial yellow flowers in spring 50cm	5	50
Dryopteris filix- mas (n)	2l	30-40cm	Semi evergreen native fern 150cm	3	30
Echinacea purpurea (w)	3l	10-20cm	Perennial summer purple flowering plant up to 150cm	5	95
Foeniculum vulgare 'Giant Bronze' (w)	2l	10-20cm	Perennial summer aromatic fennel up to 90cm	5	60
Galium oderatum (n)	1.5l	20-30cm	Spreading herbaceous perennial with white spring flowers up to 50cm	5	520

Gunnera hamiltonii (w)	1.5l	20-30cm	Deciduous mat forming up to 5cm	5	20
Helleborus x hybridus 'Gladys Burrow' (w)	3l	20-30cm	Deciduous perennial with late winter spring dark pink flowers up to 50cm	5	185
Helleborus x hybridus 'Helena Hall' (w)	3l	20-30cm	Deciduous perennial with late winter spring white to pink flowers up to 50cm	5	205
Iris pseudacorus (n)	1.5l	40cm	Yellow spring flower up 90-120cm	5	125
Luzula sylvatica (n)	2l	40cm	Evergreen perennial with glossy pale green leaves up to 1m	5	305
Lychnis flos-cuculi (n)	9cm	30cm	perennial grey leaved pink flower in summer 60cm	7	30
Lythrum salicaria (n)	1l	30cm	Perennial water side pink summer flower 1-1.5m	7	40
Melissa officinalis (w)	2l	20-30cm	Perennial ground aromatic cover plant 50cm	7	155
Nepeta x faassennii (w)	2l	20-30cm	Perennial ground cover plant with summer purple flowers 50cm	7	105
Origanum vulgare (w)	2l	20-30cm	Deciduous aromatic plant 50cm	7	35
Pachysandra terminalis (w)	1.5l	20cm	Evergreen ground cover plant white flowers in early summer	7	1560
Perovskia 'Blue Spire' (w)	2l	20-30cm	Herbaceous grey leaved with blue flowers on spikes through summer 120cm	5	80
Persicaria amphibia (w)	9cm	20-30cm	Herbaceous perennial suited to wet conditions pink summer flowers 60cm	5	30

Phragmites communis (n)	3l	40-50cm	Invasive water side reed up to 3m	3	125
Polystichum aculeatum (n)	2l	30-40cm	Evergreen native 'Hard Shield' fern up to 1m	3	220
Ranunculus sceleratus (n)	9cm	30-40cm	Perennial damp conditions yellow spring	7	30
Rorippa amphibia (n)	9cm	30-40cm	Perennial damp conditions yellow spring 40-80cm	7	25
Rosmarinus officinalis (w)	5l	20-30cm	Evergreen fragrant shrub with blue spring flowers up to 1m	5	195
Rosmarinus officinalis Miss Jessops Upright' (w)	5l	20-30cm	Evergreen fragrant shrub with pale blue spring flowers up to 1.5m	5	130
Salix purpurea 'Nana' (w)	5l	40-60cm	Deciduous water side plant can be coppiced up to 8m	5	35
Salvia officinalis (w)	2l	40-60cm	Semi evergreen odourous herb with blue summer flowers up to 75cm	5	120
Salvia officinalis 'Purpurascens' (w)	2l	40-60cm	Semi evergreen odourous herb with purple leaves blue summer flowers up to 75cm	5	70
Stipa tenuissima (w)	3l	40cm	Grass with pink flowering spikes 50cm	7	30
Thymus vulgaris (w)	2l	40cm	Mat forming aromatic evergreen 50cm	7	35


Hedging plants (n = native, w = wildlife friendly)


Name	Pot Size	Height	Habit	Density per 1m	Number
Buxus sempervirens (n)	5l	30cm	Evergreen	7	475
Carpinus betulus (n)	10l	60cm	Deciduous hedging plant with good colour	9	100


Climbers (n = native, w = wildlife friendly)					
Name	Pot Size	Height	Habit	Density per lm	Number
Clematis arandii (w)	10l	60cm	Evergreen fragrant climber with spring white flowers up to 8m	1	15
Clematis 'Perle D'Azur' (w)	7.5l	60cm	Deciduous purple summer flower climber up to 4m	1	2
Parthenocissus 'Henryana' (w)	10l	60cm	Deciduous red to silver/reen climber up to 12m	1	18
Rosa 'Generous Gardener' (w)	10l	60cm	Deciduous climbing rose pale pink double flower up to 150cm	1	12
Rosa 'Veilchenbrau' (w)	7.5l	60cm	Deciduous climbing rose purple flower up to 400cm	1	7
Rosa 'Madame Alfred Carrie' (w)	7.5l	60cm	Deciduous climbing rose pale pink double flower up to 800cm	1	10
Wisteria floribunda 'Alba' (w)	7.5l	60cm	Deciduous climber with white flowers 8m	1	7


Bulbs (n = native, w = wildlife friendly)					
Name	Pot Size	Mature Height	Habit	Density per sqm	Number
Allium schoenoprasum (w)	loose bulb	50cm	Aromatic herb purple floers summer	16	155
Galanthus nivalis (n)	loose bulb	15cm	Early spring white flowers	16	5000
Narcissus 'Lobularis' (w)	loose bulb	20cm	Pale yellow in spring	16	5000
Tulipa 'Queen of the Night' (w)	loose bulb	50cm	Almost black spring flower	16	20
Tulipa 'Spring Green' (w)	loose bulb	50cm	Spring white flower	16	260


6 Hard works schedule

<p>Material</p>	<p>Charcon Andover Textured range, colour 'Silver Fleck' 100mmW x 300mmL x 80mmD, staggered bond, sub-base to Engineer's recommendation for vehicular traffic, or 100mmW x 200mmL x 80mmD, staggered bond, sub-base to Engineer's recommendation for pedestrian traffic</p> <p>Charcon Flat Top edging 50mmW x 150mmD x 914mm L Parking bays - Charcon Flat Top edging 125mmW x 255mmD x 914mmL</p> <p>Installation to Engineer and Landscape specifications</p> 
<p>Usage</p>	<p>Areas indicated on hard works plan</p>


<p>Material</p>	<p>Breedon 'Golden Amber' gravel - Proprietary self binding gravel Installation to Engineer and Landscape specifications</p> 
<p>Usage</p>	<p>Areas indicated on hard works plan</p>


<p>Material</p>	<p>Playtop safety surfacing, porous rubber crumb, 'Rainbow Green' Installation to Manufacturer's and Landscape specifications Surfacing requirements corresponding to a fall height of ≤ 1.00 m</p> 
<p>Usage</p>	<p>Areas indicated on hard works plan</p>


<p>Material</p>	<p>Ecodek - solid recycled and durable wood polymer composite product 'Slate Grey' 25mm thickness x 136mm wide x 1500-6000mm, 5mm gaps Installation to Manufacturer's and Landscape specifications</p> 
<p>Usage</p>	<p>Areas indicated on hard works plan</p>


<p>Material</p>	<p>Timberplay Moon timber bench, 1800mm length x 740mm width</p> 
<p>Usage</p>	<p>Areas indicated on hard works plan</p>

<p>Material</p>	<p>Urba-Style B-Flex concrete bench, 1000mm length x 500mm width</p> 
<p>Usage</p>	<p>Areas indicated on hard works plan</p>


<p>Material</p>	<p>Wicksteed Playscapes, 'Holly Hedgehog' sit in spring mobile Play area 3880 x 3365mm Surfacing requirements corresponding to a fall height of ≤ 1.00 m Installation to manufacturer's recommendation</p> 
<p>Usage</p>	<p>Installation to manufacturer's recommendation</p> <p>Areas indicated on hard works plan</p>


<p>Material</p>	<p>Wicksteed Playscapes, 'Freddie Frog' sit in spring mobile Play area 3880 x 3365mm Surfacing requirements corresponding to a fall height of ≤ 1.00 m Installation to manufacturer's recommendation</p> 
<p>Usage</p>	<p>Areas indicated on hard works plan</p>


Material	<p>Wicksteed Playscapes, 'Sam Snail' sit in spring mobile Play area 300 x 320cm Surfacing requirements corresponding to a fall height of ≤ 1.00 m Installation to manufacturer's recommendation</p> 
Usage	<p>Areas indicated on hard works plan</p>


Material	<p>Wicksteed Playscapes, 'Tony Turtle' sit in spring mobile Play area 3880 x 3365mm Surfacing requirements corresponding to a fall height of ≤ 1.00 m</p> 
Usage	<p>Areas indicated on hard works plan</p>

Material	<p>Wicksteed Playscapes, Timber 'Dragonfly' sculpture Play area 4200 x 4100mm Surfacing requirements corresponding to a fall height of ≤ 1.00 m Installation to manufacturer's recommendation</p> 
Usage	<p>Areas indicated on hard works plan</p>

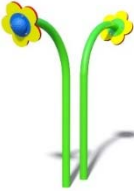
Material	Wicksteed Playscapes, Timber 'Bee' sculpture Play area 3000 x 3200mm Surfacing requirements corresponding to a fall height of ≤ 1.00 m 
Usage	Areas indicated on hard works plan


Material	Wicksteed Playscapes, 'Dizzy Disc' x 2 Play area 3000 x 3000mm Surfacing requirements corresponding to a fall height of ≤ 125 mm Installation to manufacturer's recommendation 
Usage	Areas indicated on hard works plan


Material	Wicksteed Playscapes, 'Rainwheel' Installation to manufacturer's recommendation 
Usage	Areas indicated on hard works plan


Material	Wicksteed Playscapes, 'Messy Kitchen' Play area 2803 x 1548mm 
Usage	Areas indicated on hard works plan


Material	Wicksteed Playscapes, 'Teacup Twister' Play area 4950 x 4950mm Surfacing requirements corresponding to a fall height of ≤ 1.00 m Installation to manufacturer's recommendation 
Usage	Areas indicated on hard works plan


Material	Wicksteed Playscapes, 'Talking Flowers' x 2 Installation to manufacturer's recommendation 
Usage	Areas indicated on hard works plan


<p>Material</p>	<p>Wicksteed Playscapes, Timber 2 seat Swing Play area 7900 x 3500mm Surfacing requirements corresponding to a fall height of ≤ 1.40 Installation to manufacturer's recommendation</p> 
<p>Usage</p>	<p>Areas indicated on hard works plan</p>


<p>Material</p>	<p>Wicksteed Playscapes, 'Junior Comet' Play area 5300 x 5300mm Surfacing requirements corresponding to a fall height of ≤ 1.00 m Installation to manufacturer's recommendation</p> 
<p>Usage</p>	<p>Areas indicated on hard works plan</p>


<p>Material</p>	<p>Wicksteed Playscapes, Timber play 'Pony' x 1 Play area 3600 x 4300mm Surfacing requirements corresponding to a fall height of ≤ 0.60 m</p> 
<p>Usage</p>	<p>Areas indicated on hard works plan</p>


Material	<p>Wicksteed Playscapes, Trampoline (built in) Play area 5000 x 5000mm Surfacing requirements corresponding to a fall height of ≤ 1.00 m Installation to manufacturer's recommendation</p> 
Usage	<p>Areas indicated on hard works plan</p>

Material	<p>Wicksteed Playscapes, 'Seesaw' spring Play area 4210 x 3210mm Surfacing requirements corresponding to a fall height of ≤ 1.00 m Installation to manufacturer's recommendation</p> 
Usage	<p>Areas indicated on hard works plan</p>

Material	<p>Wicksteed Playscapes, Timber 'Stilts' 5 posts Play area 8935 x 9165mm Surfacing requirements corresponding to a fall height of ≤ 2.5 m Installation to manufacturer's recommendation</p> 
Usage	<p>Areas indicated on hard works plan</p>

<p>Material</p>	<p>Wicksteed Playscapes, Hammock Play area 2803 x 1548mm Installation to manufacturer's recommendation</p> 
<p>Usage</p>	<p>Areas indicated on hard works plan</p>

<p>Material</p>	<p>Wicksteed Playscapes, Forest Range 'Copse' with steel slide Play area 8168 x 8000mm Surfacing requirements corresponding to a fall height of ≤ 1.20 m Installation to manufacturer's recommendation</p> 
<p>Usage</p>	<p>Areas indicated on hard works plan</p>

<p>Material</p>	<p>Wicksteed Playscapes, Forest Range 'Gwydyr' with steel slide Play area 15054 x 10182mm Surfacing requirements corresponding to a fall height of ≤ 2.5 m Installation to manufacturer's recommendation</p> 
<p>Usage</p>	<p>Areas indicated on hard works plan</p>

APPENDIX 1

Trees (n = native, w = wildlife friendly)				
Name	Girth	Root condition	Habit	Number
Pyrus calleryana 'Chanticleer' (w)	20-25cm	Bare root	Conical with white spring flowers and small fruits up to 8m	4
Malus sylvestris (n)	10-12cm	Bare root	Small native crab apple tree up to 12m	3
Sorbus aucuparia (n)	10-12cm	Bare root	Native tree to 12m red berries in autumn	2
Quercus robur 'Fastigata' (w)	12-14cm	Bare root	15m English specimen tree with upright habit	2

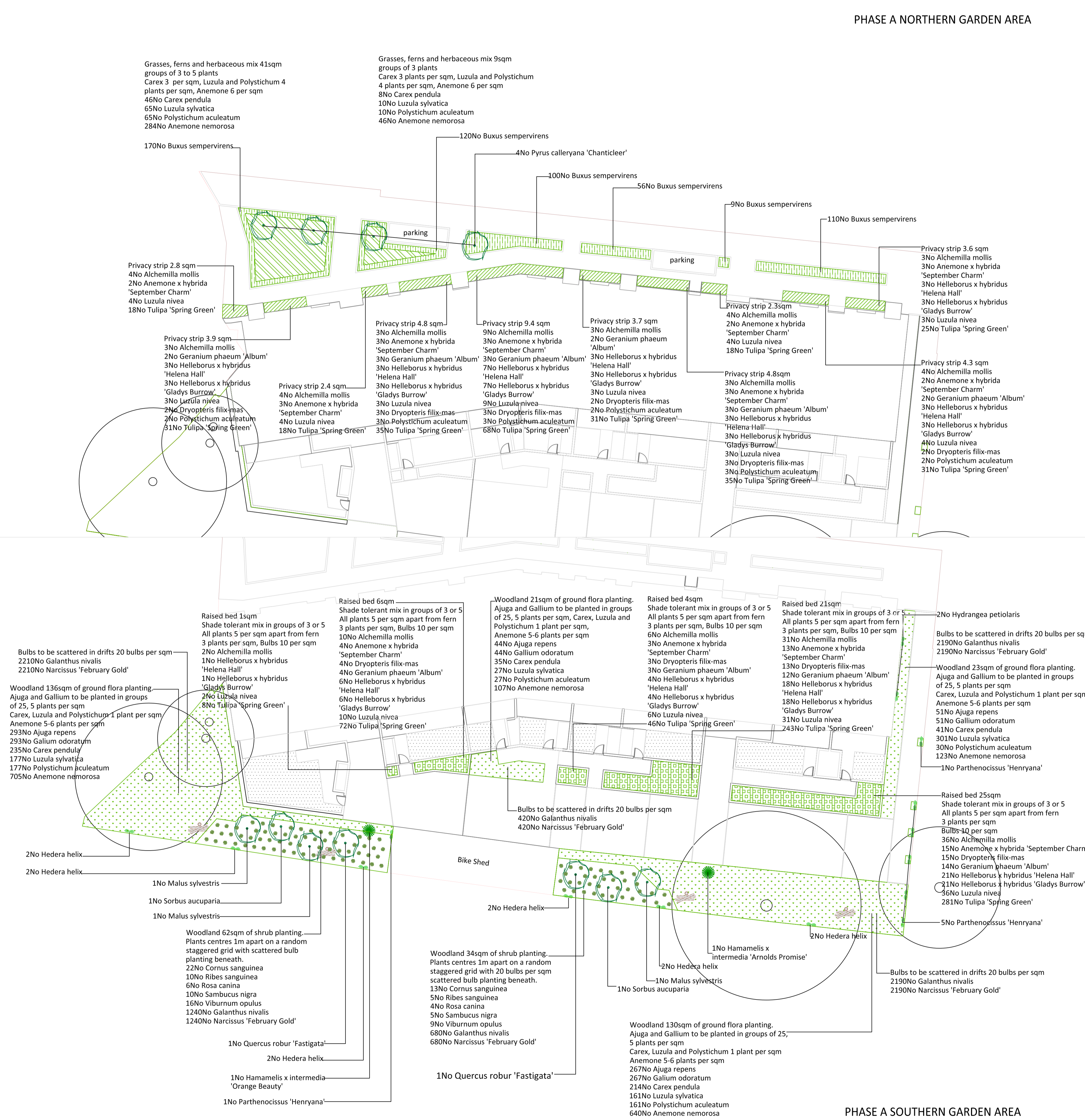
Specimen shrubs (n = native, w = wildlife friendly)					
Name	Pot Size	Height	Habit	Density per sqm	Number
Hamamelis x intermedia 'Arnolds Promise' (w)	15l	180-200cm	up to 4m high with good autumn colour and yellow winter flowers	1	1
Hamamelis x intermedia 'Orange Beauty' (w)	15l	180-200cm	up to 4m high with good autumn colour and orange winter flowers	1	1

Shrubs and Perennials (n = native, w = wildlife friendly) BR = bare rooted					
Name	Pot Size	Height	Habit	Density per sqm	Number
Ajuga reptans (n)	2l	20-30cm	Native purple leaved ground cover with blue flowers summer 30cm	5	655
Alchemilla mollis (w)	2l	20-30cm	Perennial with pale green flowers up to 50cm	5	125
Anemone hepatica 'September Charm' (w)	2l	20-30cm	Late summer pink flowers 60cm	5	50
Anemone nemorosa (n)	2l	20-30cm	Woodland white or blue spring flower 50cm	6	1905
Carex pendula (n)	3l	20-40cm	Pendulous sedge up to 1.5m	2	579
Cornus sanguinea (n)	BR	20-40cm	Winter red stems native plant	1	35
Dryopteris filix-mas (n)	5l	30-40cm	Semi evergreen native fern 150cm	3	50
Galium odoratum (n)	2l	20-30cm	Spreading herbaceous perennial with white spring flowers up to 50cm	5	655
Geranium phaeum 'Album' (w)	2l	20-30cm	Summer flowers white clump forming 50cm	5	48
Helleborus x hybridus 'Gladys Burrow' (w)	3l	20-30cm	Deciduous perennial with late winter spring dark pink flowers up to 50cm	5	75
Helleborus x hybridus 'Helena Hall' (w)	3l	20-30cm	Deciduous perennial with late winter spring white to pink flowers up to 50cm	5	75
Luzula nivea (n)	2l	40cm	Evergreen perennial with glossy pale green leaves and white flowers up to 1m	5	125
Luzula sylvatica (n)	2l	40cm	Evergreen perennial with glossy pale green leaves up to 1m	5	470
Polystichum aculeatum (n)	2l	30-40cm	Evergreen native 'Hard Shield' fern up to 1m	3	470
Polystichum aculeatum (n)	3l	30-40cm	Evergreen native 'Hard Shield' fern up to 1m	3	15
Ribes sanguineum (n)	BR	40-60cm	Native currant flowers in spring 2.5m	1	15
Rosa canina (n)	BR	40-60cm	Native climbing rose	1	10
Sambucus nigra (n)	BR	40-60cm	Native shrub with white flowers and berries in autumn	1	15
Viburnum opulus (n)	BR	40-60cm	Native plant May white flowers with good Autumn colour, maintain up to 150cm	1	25

Hedging plants (n = native, w = wildlife friendly)					
Name	Pot Size	Height	Habit	Density per 1m	Number
Buxus sempervirens (w)	5l	60cm	Evergreen shrub	9	565

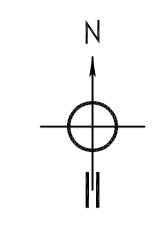
Climbers (n = native, w = wildlife friendly)					
Name	Pot Size	Height	Habit	Density per 1m	Number
Parthenocissus 'Henryana' (w)	10l	60cm	Deciduous red to silver/green climber up to 12m	1	7
Hedera helix (n)	10l	60cm	Variiegated large leaved ivy up to 8m	1	10
Hydrangea petiolaris (w)	10l	60cm	Deciduous self supporting climber with white flowers good in shade	1	2

Bulbs (n = native, w = wildlife friendly)					
Name	Pot Size	Mature Height	Habit	Density per sqm	Number
Galanthus nivalis (n)	loose bulb	15cm	Early spring white flowers	16	7200
Narcissus 'February Gold' (w)	loose bulb	50cm	Pale yellow in spring	16	7200
Tulipa 'Spring Green' (w)	loose bulb	50cm	Spring white flower	16	960



PHASE A NORTHERN GARDEN AREA

PHASE A SOUTHERN GARDEN AREA



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

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)

- Retained tree
- Heavy standard or semi mature tree
- Multistemmed shrub
- Woodland shrub
- Grasses, ferns and herbaceous mix
- Hedging
- Privacy strips
- Raised beds
- Woodland shrubs
- Woodland ground flora
- Climber
- Ornamental Lawn Turf- Arena Bargold
- Log pile refugia - site won timber as hibernacular

Notes
Drawing for planning purposes

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

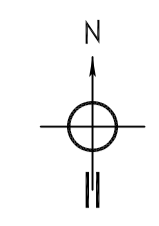
No measurements to be scaled off drawing. Worked from figured dimensions only.

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.

JO WILD LANDSCAPES
Landscape Architect
Tel: 07867 336 117
Email: jtmwild@btinternet.com

Client	Hill Partnerships Ltd
Project	Agar Grove - Phase 1A
Drawing Title	
Soft works	
Scale:	1:200 @ A2
Date:	August 2016
Drawing Number:	1042-01
Revision Number:	C

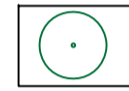



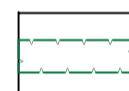


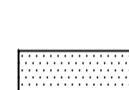
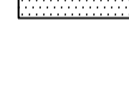


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- BS 3936:1998 Part 10 Nursery Stock - Specification for ground cover plants;
- BS 4428:1989 - Code of Practice for General Landscaping Operations (excluding hard surfaces);
- BS 8545:2014 Trees from Nursery to Independence in the Landscape;
- The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

LEGEND (SOFT WORKS)

-  Retained tree
-  Heavy standard or semi mature tree
-  Multistemmed tree
-  Grasses, ferns and herbaceous mix
-  Hedging
-  Climber
-  Species Rich Lawn - Wildflower Turf Spec Rich Lawn Turf (WFT-Species-Rich-26), or equal approved - pre grown turf
-  Activity Lawn - Tillers Arena Turf available from Tillers Turf Ltd or equal approved - pre grown turf
-  Log pile refugia - site won timber as hibernacular

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

Based on drawings and specification produced by Grant Associates May 2014, as approved by the LPA.

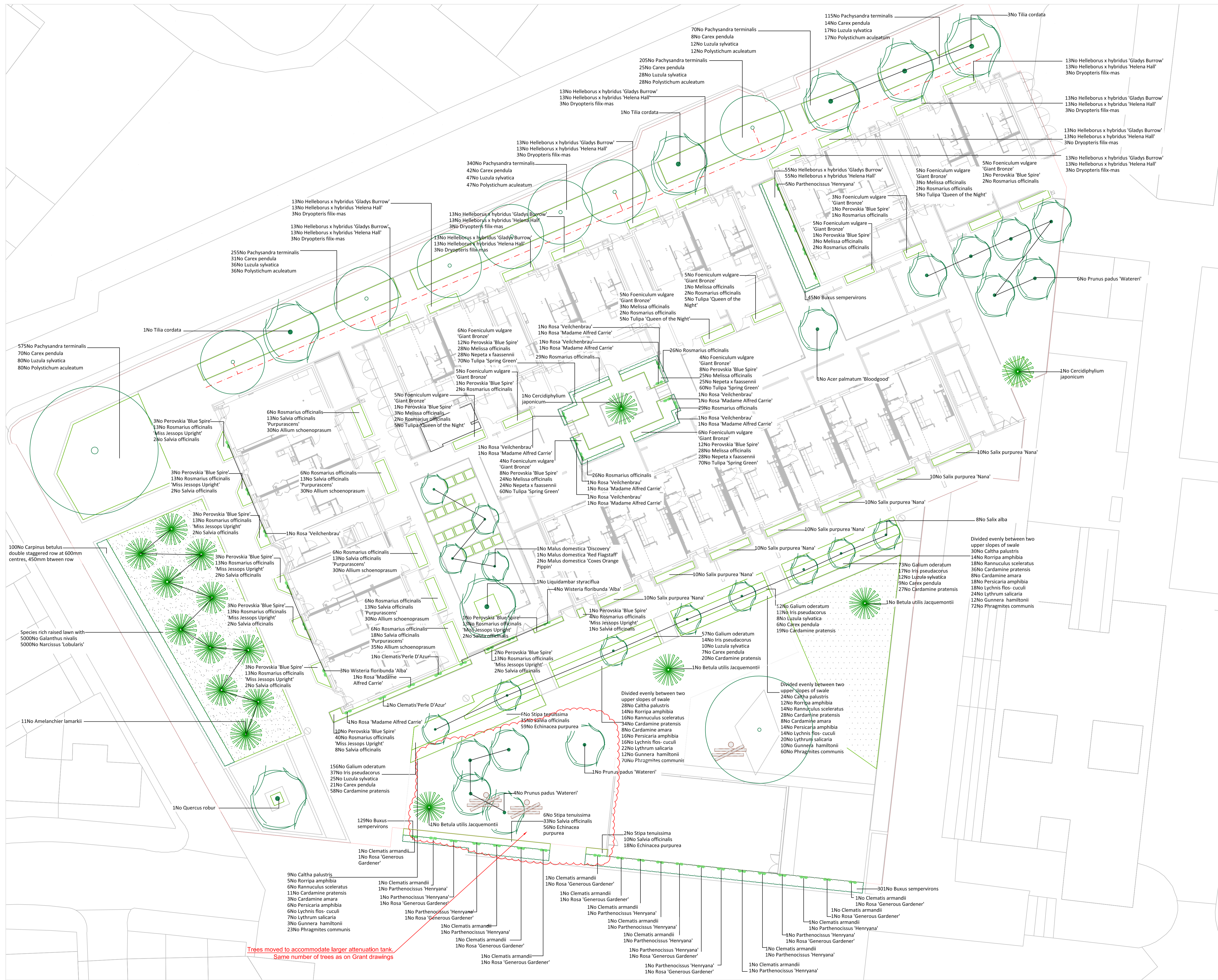
No measurements to be scaled off drawing. Worked from figured dimensions only.

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.

JO WILD LANDSCAPES
Landscape Architect
Tel: 07867 336 117
Email: jtmwild@btinternet.com

Client Hill Partnerships Ltd	
Project: Agar Grove, Phase 1B	
Drawing Title: Soft works FOR COMMENT	
Scale: 1:200 @ A2	Date: March 2017
Drawing Number: 1042-04	Revision Number: B



APPENDIX 2

All hard works to be undertaken in accordance with the following British Standard Specifications and Code of Practice:

- BS 1176-1, BS 1177 Play equipment;
- BS 7188 Play safety surface;
- BS EN 1430 Edging;
- BS 6717 Paving blocks

Notes
Drawings for planning purposes only and based on drawings AG377-AL-HD-1-001. No design responsibilities accepted.

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

- All levels based on drawings:
- 1423-HB-X-00-M2-A-P-Surv topo
 - T14011-PBA-DR-C-1a-A-00-LP-001 Rev C1

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.

Andover Textured 'Silver Fleck'



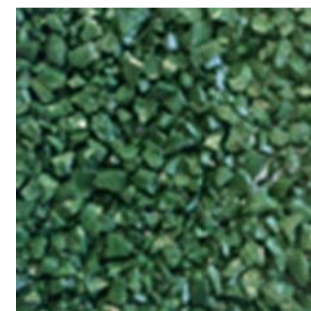
Charcon Flat Top Edging



Breedon 'Golden Amber' gravel



Playtop safety surfacing, 'Rainbow Green'



Timberplay 'Moon' bench



Ecodek - wood polymer composite product 'Slate Grey'



Wicksteed Playscapes, 'Holly Hedgehog' sit in spring



Wicksteed Playscapes, 'Sam Snail' sit in spring mobile



Wicksteed Playscapes, Timber 'Bee' sculpture



Wicksteed Playscapes, 'Teacup Twister'



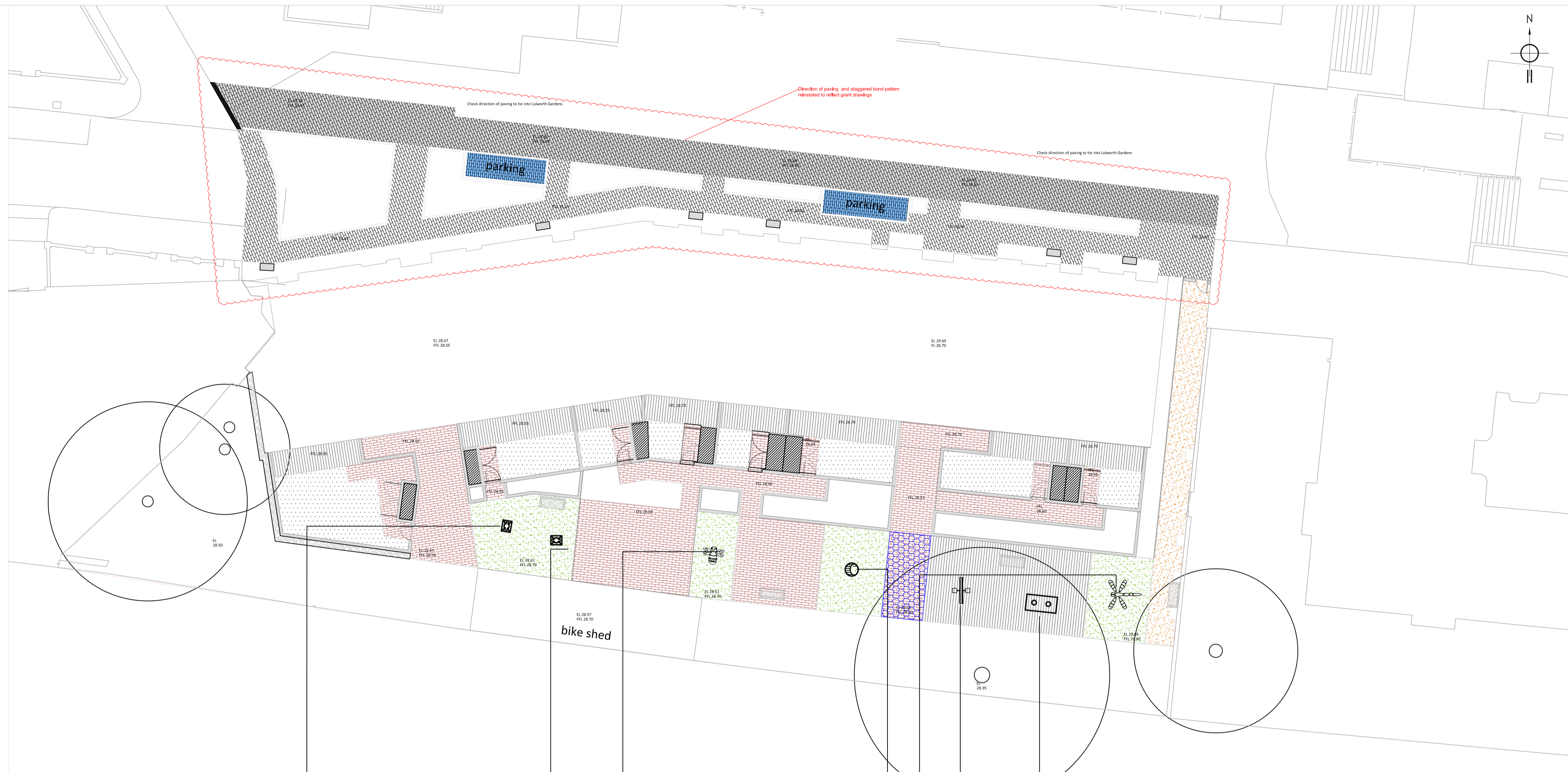
Wicksteed Playscapes, Timber 'Dragonfly' sculpture



Wicksteed Playscapes, 'Messy Kitchen'



Wicksteed Playscapes, 'Rainwheel'



LEGEND (HARD WORKS)

- Charcon Andover Textured range, colour 'Silver Fleck' 100mmW x 300mmL x 80mmD, 90° herringbone pattern, sub-base to Engineer's recommendation for vehicular traffic
Charcon ECO CSK edging 125mmW x 255mmD x 914mm L
- Charcon Andover Textured range, colour 'Silver Fleck' 100mmW x 300mmL x 80mmD, staggered bond, sub-base to Engineer's recommendation for pedestrian traffic
Charcon Flat Top ECO CSK edging 59mmW x 519mmD x 914mm L
- Charcon Andover Textured range, colour 'Silver Fleck' 100mmW x 300mmL x 80mmD, staggered bond, sub-base to Engineer's recommendation for vehicular traffic (parking bays)
Charcon ECO CSK edging 125mmW x 255mmD x 914mm L
- Charcon Andover Textured range, colour 'Silver Fleck', 100mmW x 200mmL x 80mmD, stretcher bond, sub-base to Engineer's recommendation for pedestrian traffic
Charcon Flat Top ECO CSK edging 59mmW x 519mmD x 914mm L
- Cellular Confinement System - Terram
- Ecodek - solid recycled and durable wood polymer composite product 'Slate Grey' 25mm thickness x 136mm wide x 1500-6000mm, 5mm gaps - communal courtyard within RPA of retained tree
Charcon Flat Top edging 50mmW x 150mmD x 914mmL
Decking to private areas to Architect's specification
- Breedon 'Golden Amber' gravel - Proprietary self binding gravel sub-base to Engineer's recommendation
Timber edge 150mm D x 32mm W x up to 1500mm L
- Playtop safety surfacing, porous rubber crumb, 'Rainbow Green' sub-base to Engineer's recommendation
Charcon Flat Top edging 50mmW x 150mmD x 914mmL
- Granite kerb, 150mm x 300 x 80mm
- Timber gates, 1800mm height and 1100mm width
- Timberplay Moon timber bench, 1800mm length x 740mm width
- Urba-Style B-Flex bench, concrete, 1000mm length x 500mm width
- Bikestore, various sizes, brick, concrete and metal railing (as per Architype drawing 00-852)
- Timber Gate, 1200mm h x 1000w
- Garden walls to Architect's specification
- Clean wash gravel 10mm
Timber edge 150mm D x 32mm W x up to 1500mm L

Client	Hill Partnerships Ltd
Project:	Agar Grove - Phase A
Drawing Title:	Hard works FOR COMMENT
Scale:	1:200 @ A2
Date:	August 2016
Drawing Number:	1042-02
Revision Number:	H

JO WILD LANDSCAPES
Landscape Architect
Tel: 07867 336 117
Email: jtmwild@btinternet.com



Wicksteed playscapes 'Freddie Frog'



Wicksteed playscapes 'Tony Turtle'



Wicksteed playscapes 'Bee Seat'

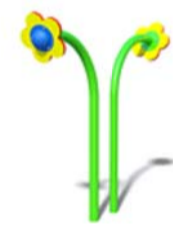


Wicksteed playscapes 'Messy kitchen'



Wicksteed playscapes 'Rainwheel'

Falls to accommodate changing levels along Agar Grove. Additionally 'Infiltra' permeable paving to ensure tree roots receive oxygen and water



Wicksteed playscapes 'Talking Flowers'



Wicksteed playscapes 'Gwydyr'



Wicksteed playscapes 'Copse'



Wicksteed playscapes '2 seat log swing'



Wicksteed playscapes 'Springboard Seesaw'



Wicksteed playscapes 'Trampoline'

Falls to accommodate changing levels along Agar Place. Additionally 'Infiltra' permeable paving to ensure tree roots receive oxygen and water

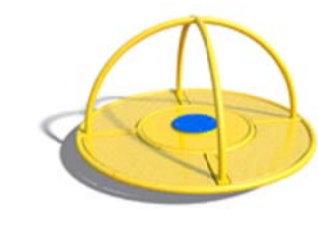


Wicksteed playscapes 'Dizzy Disc'

90 degree herringbone pattern where vehicle turning takes place to strengthen paving



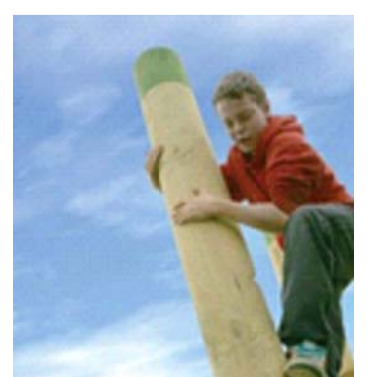
Wicksteed playscapes 'Play Pony'



Wicksteed playscapes 'Junior Comet'



Wicksteed playscapes 'Hammock'



Wicksteed playscapes 'Stilts'

Attenuation tank extends further than the MUGA and would conflict with tree roots so play equipment and trees have been moved. There are still the same amount of trees and play equipment being specified

Falls to accommodate changing levels along Agar Grove. Additionally 'Infiltra' permeable paving to ensure tree roots receive oxygen and water

Falls to accommodate changing levels along Agar Grove. Additionally 'Infiltra' permeable paving to ensure tree roots receive oxygen and water

- LEGEND (HARD WORKS)**
- Permeable Charcon Andover Textured Infiltra range, colour 'Silver Fleck' 100mmW x 200mm x 80mmD, staggered bond, sub-base to Engineer's recommendation for pedestrian traffic
 - Charcon Andover Textured range, colour 'Silver Fleck', 100mmW x 200mm x 80mmD, stretcher bond, sub-base to Engineer's recommendation for pedestrian traffic
 - Charcon ECO CSK edging 125mmW x 255mmD x 914mm L, laid with upstand
 - Charcon Flat Top edging 59mmW x 519mmD x 914mm L, laid flush
 - Charcon ECO CSK edging 125mmW x 255mmD x 914mm L, laid flush
 - Garden walls designed by others
 - Retaining wall - to engineer's specification with Kellen Breccia 'Grigio' cladding, Breccia flag paving, Series 200mm, 200mmW x 400mmL x 50mmD. With coping stone, Marshalls GRA 917, 300mm W x 75mm D assorted lengths to fit, silver grey granite, diamond sawn finish
 - Prefabricated plant containers - Excofet Ltd, Icaria Planter, granite grey cast stone, light grey, 116 x 116 x 90mm high
 - Raised brick plant containers - brick, bond and joints to match architectural brickwork of associated plot
 - Natural stone coping - Marshalls GRA 917, 300mm W x 75mm D assorted lengths to fit, silver grey granite, diamond sawn finish
 - Sheffield Cycle Stand - Anthracite Grey RAL 7016.
 - Timber decking - refer to drawing ref: AGC377-AL-HD-3-016
 - MUGA - 3.0m high ball stop fence with 2 no. single gate access, proprietary porous coloured 'Classic Blue' macadam surface. Fixed basketball hoops, line markings for informal games use for basketball and 5-a-side football
 - Playtop safety surfacing, porous rubber crumb, 'Rainbow Green' sub-base to Engineer's recommendation
 - In situ concrete retaining walls and seating to MUGA and supporting fence to MUGA, detailing to engineer's specification
 - Charcon ECO CSK 914mm x 290mm x 100mm SQ laid with upstand, or Charcon ECO CSK 914mm x 290mm x 200mm SQ laid flush
 - Jones of Oswestry Arbor-Slot recessed tree surround - Product code: DPA/6/SP/A/1060/15/105/B4/M2, 2000 x 2000mm overall with 1060mm square aperture for tree.
 - Edging to tree planting pit - Steel edge 200mm high with welded flanges for fixing, to form 1200mm diameter circular form to tree surround within soft play area.
 - Excofet, Benco Kiwi bench, 1800mm L x 610mm W x 830mmH or 600L x 610W x 830 with backrest/460 to seat H mm.
 - Bespoke seating built into planters - natural Bolondo timber, planed, sanded seat and back, 30 x 30mm section x 1120 and 1200mm lengths, refer to drawing ref: AGC377-AL-HD-3-003
 - Timberplay Moon timber bench, 1No 1800L x 770mmW x 400mmH and 1No 3000L x 740mmW x 760mmH with backrest and 2No 3000L x 740mmW x 400mmH without backrest
 - Timber Cube Seat, Terence Whewell solid oak cube seat 450L x 450W x 550mmH
 - Metal trellis bespoke - refer to drawing ref: Anthracite Grey, AGC377-AL-HD-3-013
 - Pergola metalwork bespoke - refer to drawing ref: Anthracite Grey, AGC377-AL-HD-3-014
 - Steel rope trellis system - Jakon Inox system, Stainless steel rope wire, 4mm diameter. Horizontal wires fixed at 500mm vertical centres from ground level up to 2500mm
 - Bin - Arca Circular Litter Bin / ARC 5 GPPC, 50L capacity

Play Deck Detail Plans, refer to drawings AGC377-AL-HD-3-016 &

- 017 Timber bespoke bench seating for MUGA spectator viewing and a central raised plinth to deck
- Stepped access with handrail provision and seating steps
- Inclined planes of timber deck to take proprietary rope climbing course, proprietary bouldering hand holds
- Vertical timber structure to support proprietary climbing hand holds, ladder, rope climb and hoop climbing elements
- Disk inlays of proprietary rubber compound material to form play pattern and provide anti-slip surfaces.
- Bespoke metalwork pole forest
- Bespoke stepping stone and stool seating play element
- Bespoke galvanised grill, fixings and supports to close out the aperture in the deck around the existing tree.
- The deck is to include anti-vermin galvanised steel mesh fixed to underside of deck boards with buried ends to form a continuous envelope below the deck.
- Fill material to close out the void below the deck to comprise proprietary lightweight expanded clay granules.

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. Drawings for planning purposes only and based on drawings AG377-AL-HD-1-002, 003,004 & 005. No design responsibilities accepted.

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

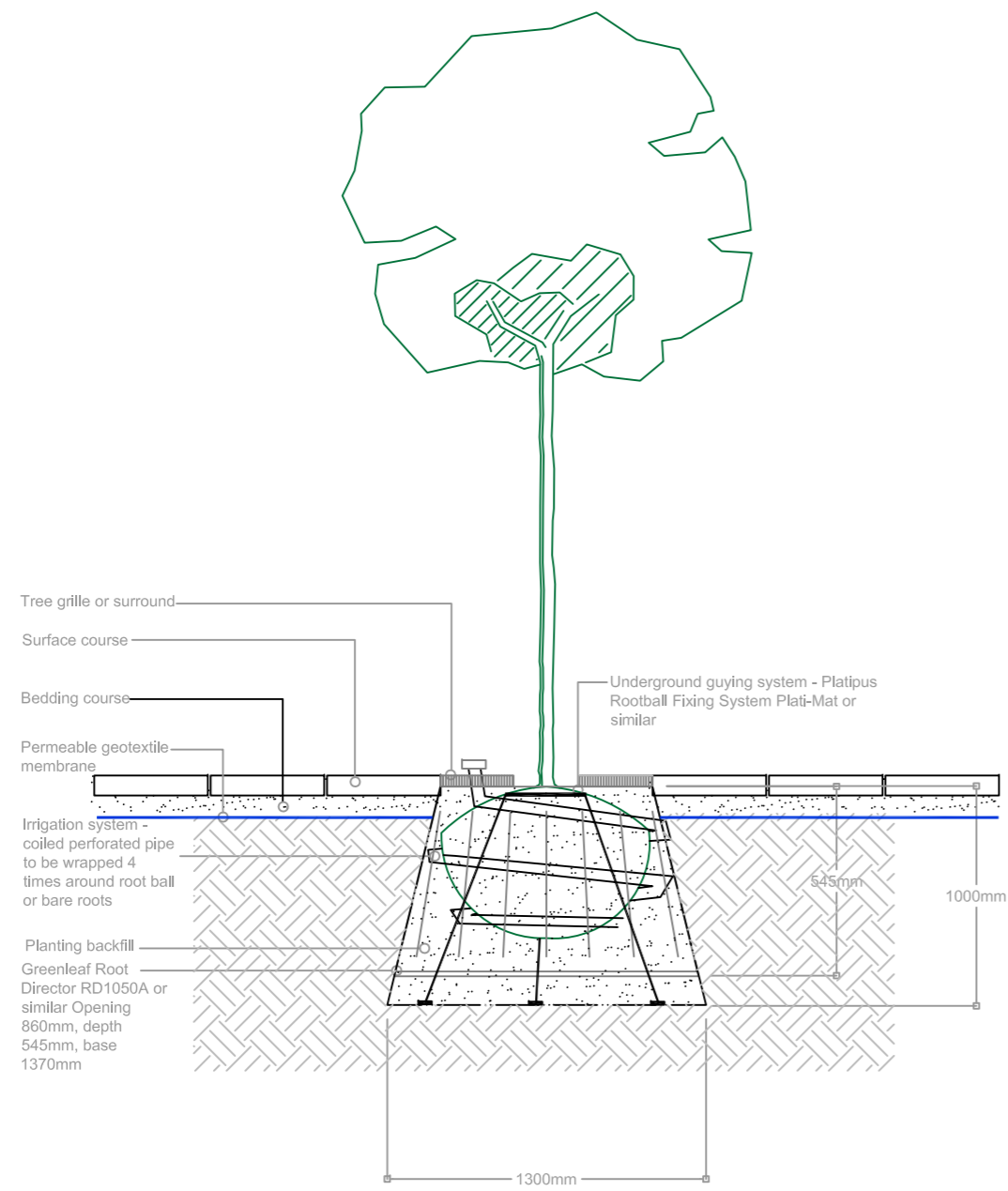
All dimensions and levels to be checked on site. Landscape Architect to be notified immediately of any discrepancies prior to the commencement of works.

JO WILD LANDSCAPES

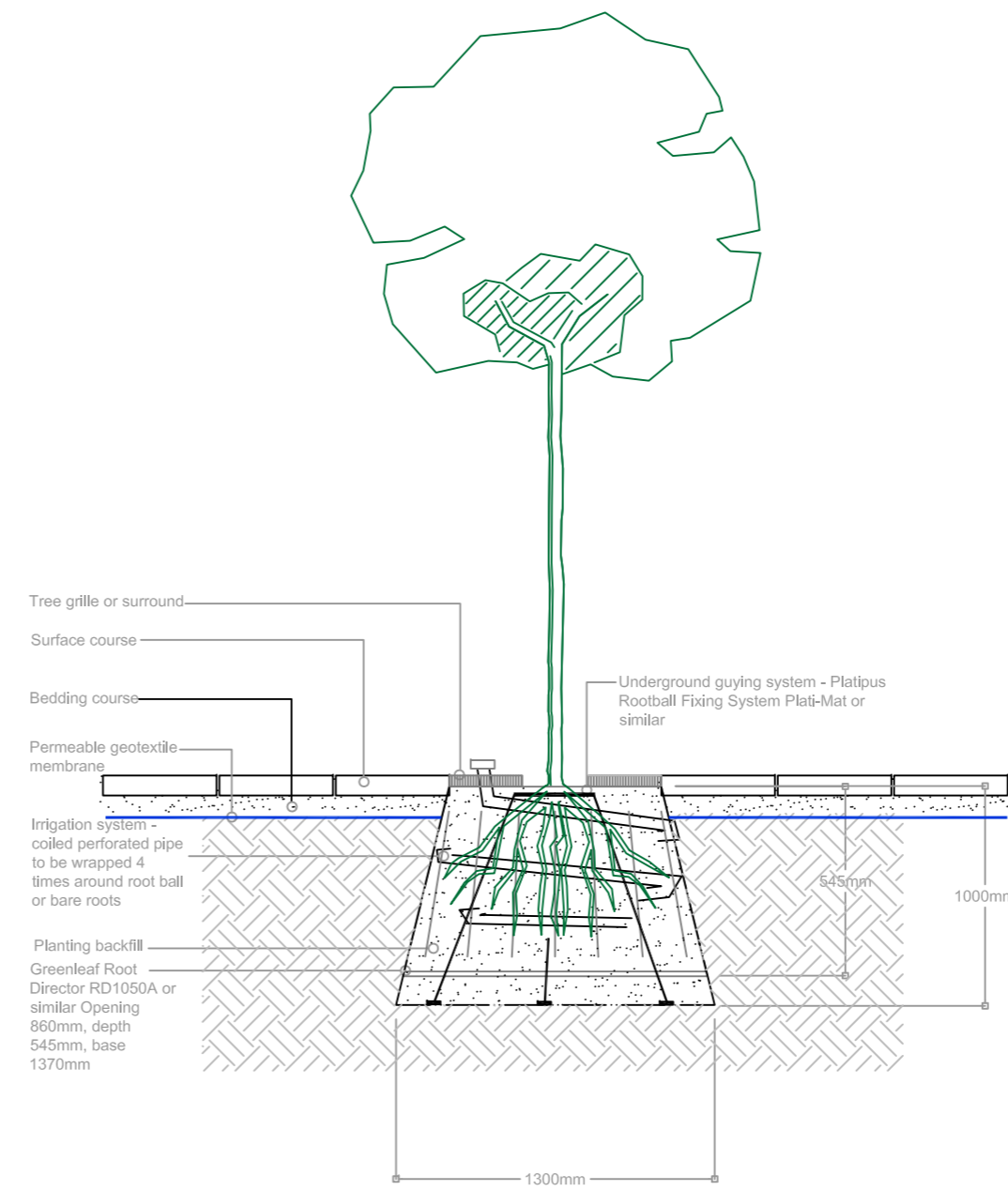
Landscape Architect
Tel: 07867 336 117
Email: jtmwild@btinternet.com

Client: Hill Partnerships Ltd
Project: Agar Grove - Phase 1B
Drawing Title:
Hard works FOR COMMENT
Scale: 1:200 @ A2 Date: March 2017
Drawing Number: 1042-03 Revision Number: C

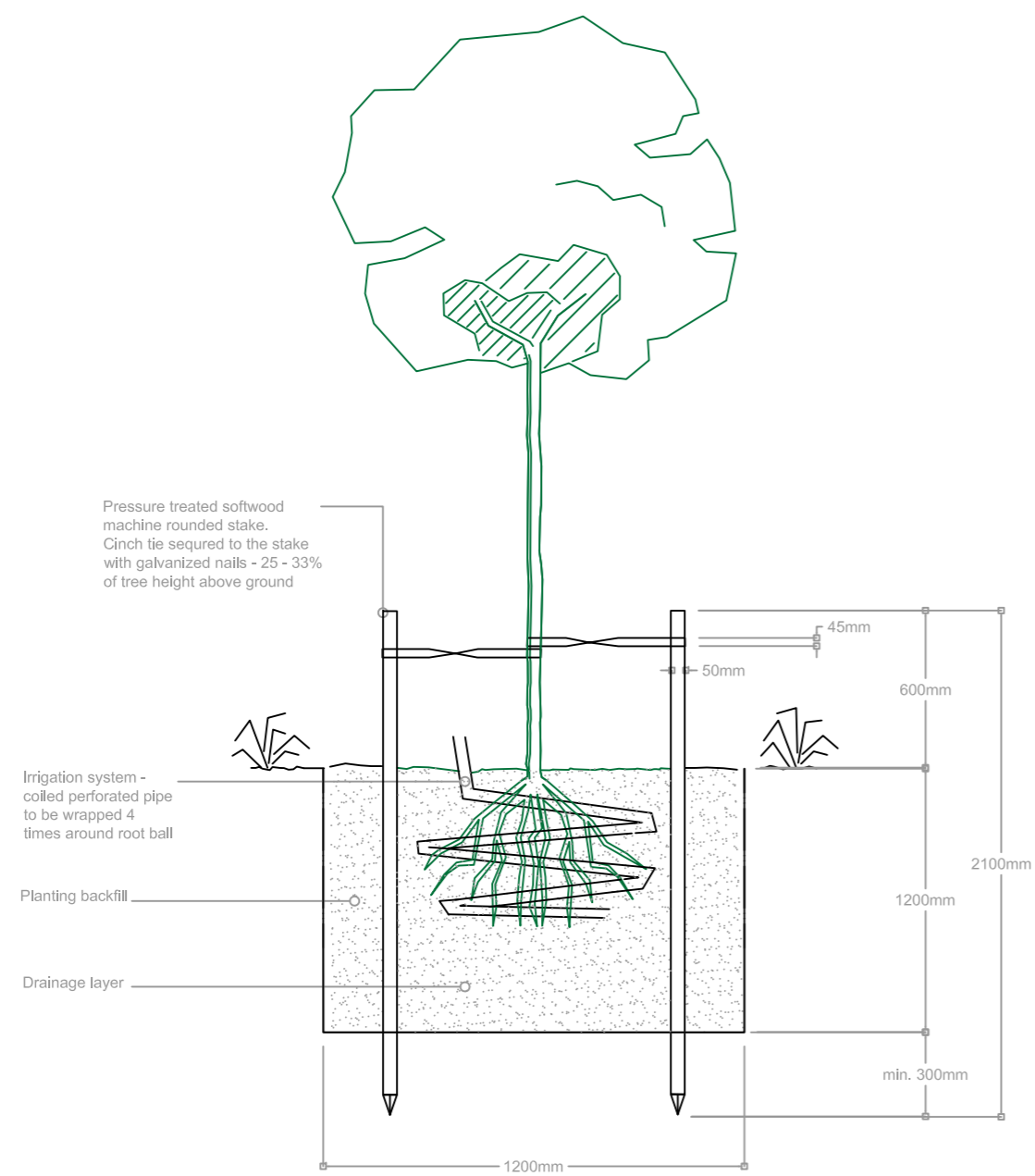
APPENDIX 3



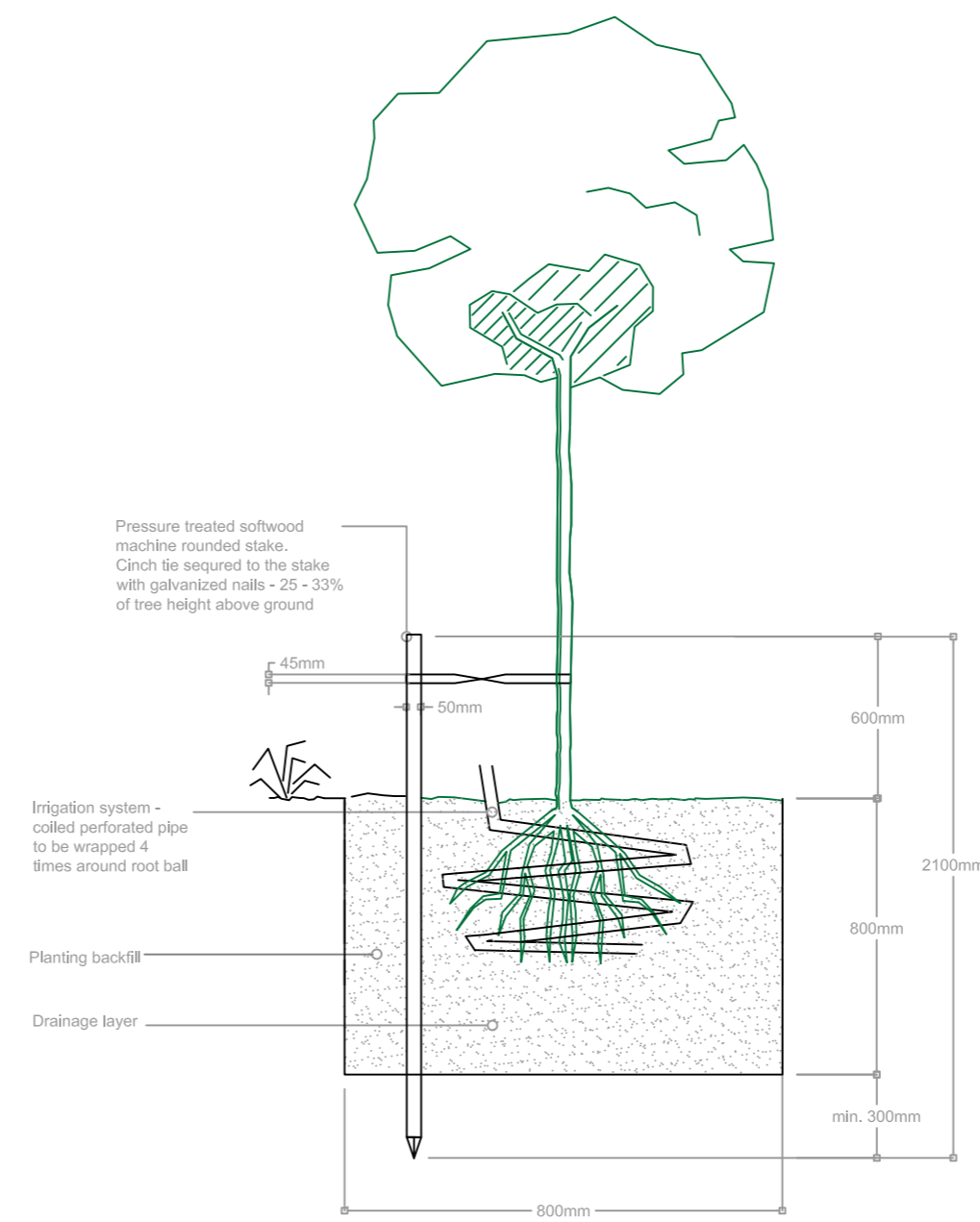
Semi mature (Root ball) tree planting pit to areas with hard surfacing including Root Director



Semi mature (Bare root) tree planting pit to areas with hard surfacing including Root Director



Semi mature (Bare root) tree planting pit in open ground



Select standard (Bare root) tree planting pit in open ground

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

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).

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.

JO WILD LANDSCAPES

Landscape Architect
Tel: 07867 336 117
Email: jtmwild@btinternet.com

Client
Hill Partnerships

Project:
Agar Grove Phase 1A and 1B

Drawing Title:
Tree pit detail

Scale: NTS @ A2

Date: July 2017

Drawing Number: 1042-05

Revision Number: A