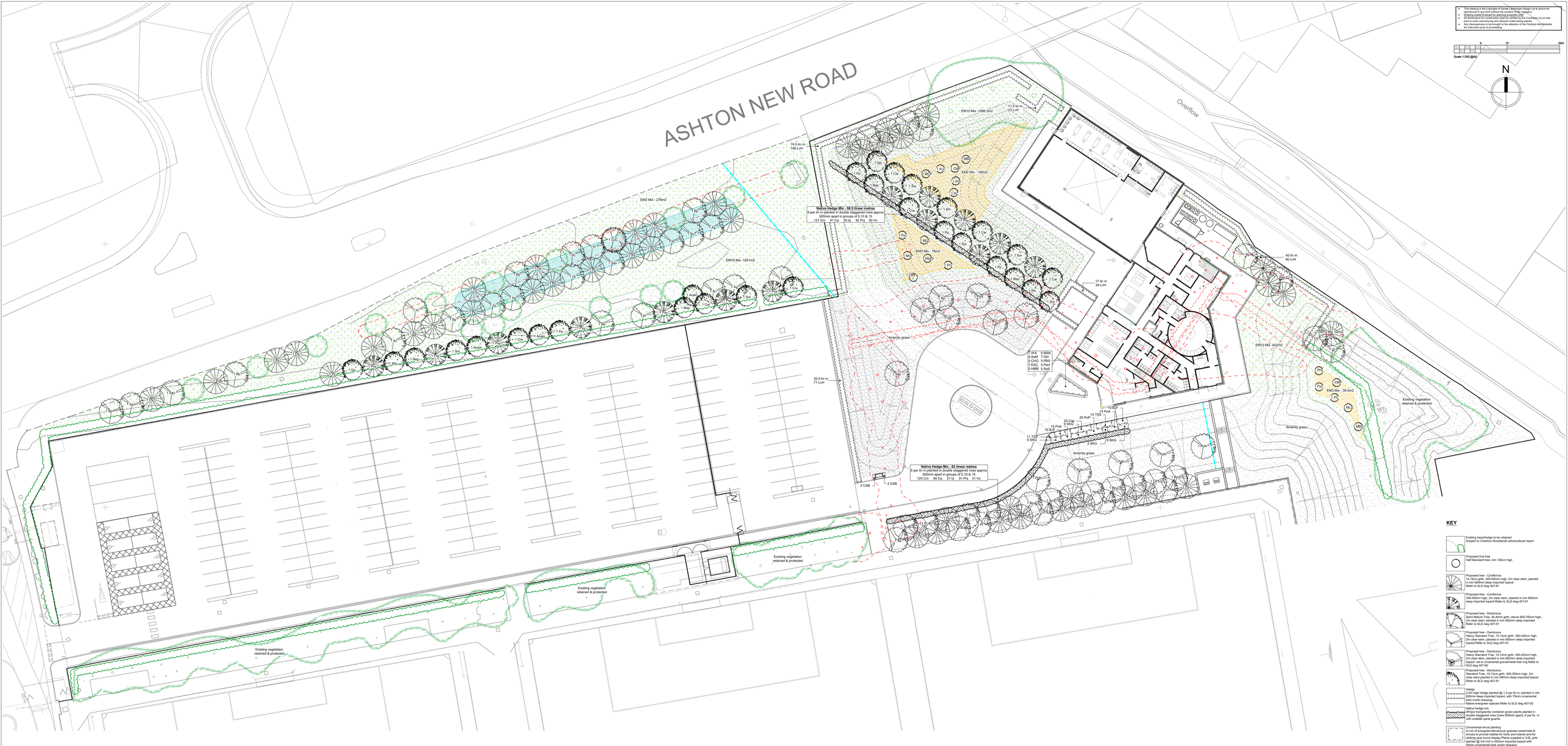
- This drawing is the Copyright of Saville Landscape Design Ltd & cannot be reproduced in any form without the consent of Reg signed.
- Drawing scaled & issued for planning purposes only.
- All dimensions for construction shall be verified by the Contractor on site prior to any work being commenced or shop drawings produced.
- Any discrepancies to be brought to the attention of the Contract Administrator for instruction prior to proceeding.

Scale 1:250 @A0



KEY

- Existing trees/hedge to be retained Subject to Cheshire Woodlands arboricultural report
- Proposed fruit tree Half Standard tree, min 150cm high
- Proposed tree - Coniferous 14-16cm girth, 400-500cm high, 2m clear stem, planted in min 900mm deep imported topsoil Refer to SLD dwg 407-01
- Proposed tree - Coniferous 300-400cm high, 2m clear stem, planted in min 900mm deep imported topsoil Refer to SLD dwg 407-01
- Proposed tree - Deciduous Semi Mature Tree, 35-40cm girth, above 600-700cm high, 2m clear stem, planted in min 900mm deep imported Refer to SLD dwg 407-01
- Proposed tree - Deciduous Heavy Standard Tree, 12-14cm girth, 350-425cm high, 2m clear stem, planted in min 900mm deep imported topsoil Refer to SLD dwg 407-01
- Proposed tree - Deciduous Heavy Standard Tree, 12-14cm girth, 350-425cm high, 2m clear stem, planted in min 900mm deep imported topsoil, set in ornamental gravel/metal tree ring Refer to SLD dwg 407-01
- Proposed tree - Deciduous Standard Tree, 10-12cm girth, 300-350cm high, 2m clear stem,planted in min 900mm deep imported topsoil Refer to SLD dwg 407-01
- Hedge 2.2m high hedge planted @ 1.3 per lin m, planted in min 600mm deep imported topsoil, with 75mm ornamental bark mulch dressing Native evergreen species Refer to SLD dwg 407-03
- Native hedge mix Whips/ transplants/ container grown plants planted in double staggered rows (rows 500mm apart), 6 per lin. m with suitable spiral guards
- Ornamental shrub planting A mix of evergreen/deciduous grasses/ perennials & shrubs, planted in groups of min 5 specimens for striking year-round display.Plants supplied in 3-5L pots planted @ 3-6 /m2 in 450mm imported topsoil with 50mm ornamental bark mulch dressing
- Wildflower meadow - Sun & light shade mixes Emorsgate Seeds EM3F Special General Purpose Wild Flowers sown at 1.5g/m2 NBS Clause Q30 312
- EM3F Standard General Purpose Wild Flower sown at 1.5g/m2 NBS Clause Q30 312A
- Wildflower meadow - Shade Tolerant Mix Landlite Wildflowers Woodland and Heavy Shade Wildflower Seeds LWBF sown at 3g/m2 or similar approved
- Grass Emorsgate Seeds EM10 Tussock Meadow Mixture sown at 4g/m2 NBS Clause Q30 311 Areas within tree planting sown in 1000mm deep imported topsoil Grassed areas sown on 100mm deep imported Low Fertility Soil
- Grass Amenity turf grass seed OR Low tussock grass mix on minimum 150mm imported topsoil Emorsgate Seeds Strong Lawn grass mixture sown at 35g/m2 NBS Clause Q30 310
- Earthworks To be constructed with existing excavated soils
- Tree planting/ hedge areas 300-1000mm deep imported topsoil capping layer
- Wildflower areas - 100mm deep imported recycled aggregate/ sand over imported Meadowmat Low Fertility Soil
- Root Barrier GreenBlue Urban ReRoot 1000 ribbed root barrier installed with ribs facing tree, no growing medium over top of barrier Refer to SLD dwg 407-02 NBS Clause Q31 510

PLANTING NOTES

1. Plant handling at the nursery, & transit up to delivery, shall be in accordance with 'Plant Handling', the booklet published by the Committee for the Plant Supply & Establishment (CPSE). The contractor shall comply with clauses 3 & 4 of the above booklet (obtained from the Horticulture Trades Association 19 High Street, Theale, Berks RG7 5H) which refers to the receipt, unloading & temporary storage of plants.
2. Plants shall be first class examples of their species or variety, free from all pests & diseases, with good fibrous root systems & materially undamaged (refer to relevant section of BS5236 Parts 1-4 Specification of Nursery Stock)
3. All planting is to be in general compliance with BS4428:1989 'Code of Practice for general landscape operations (excluding hard surfaces)'.
4. All plants and fauna shall be planted in the recommended season.
5. Where necessary levelling shall be carried out by hand to eliminate ponding hollows. Finished topsoil level shall be 25mm above adjoining paved areas and 150mm below damp proof courses level to the adjacent building.
6. Areas of large roots to be grubbed up without undue disturbance of surrounding soil & adjacent areas. Rubbish, concrete, metal, glass, hard surfacing, hardcore, decayed vegetation, weed growth & any contaminated topsoil are to be removed & disposed off-site prior to planting.
7. Shrub beds to have a min. depth of 450mm good quality imported topsoil (BS3882), do not use topsoil contaminated with subsoil, rubbish or other materials. Do not compact soil, preserve a friable texture of separate visible crumbs where ever possible. Topsoil to be treated with an application of herbicide prior to planting, where necessary, strictly in accordance with the Control of Pesticides Regulations 1986 (or otherwise updated/ superceded legislation), & following manufacturer's instructions by qualified staff & then should be cultivated to 150mm depth prior to planting. Where existing beds are to be cleared & recultivated, incorporate new spent compost 20% & topsoil 80% into all tree, shrub & hedge areas. All shrub beds/ grasses areas shall have a suitable slow release fertilizer applied at the manufacturers specified rates.
8. Shrub Compost. Specimen plants to be planted in a pit 400 x 400 x250mm depth with 5 litres Tree & Shrub Compost.
9. All areas of ornamental planting are to be mulched to a depth of 50mm with an amenity grade bark mulch unless plants are located in gravel.
10. Formal Hedges:Trench to be dug min 600mm wide x 600mm deep (base broken out to facilitate drainage) and a peat free compost or slow release fertiliser incorporated into the back fill material.
11. Native shrub/tree planting. Whole area to be treated with a non-residual glyphosate based herbicide prior to planting. All BR stock to be notch planted into the ground & heeled into place. All BR, whips & BR stock (woodland mix & hedge) to be protected with a spiral bound biodegradable guard secured in place with a cane. All trees to have mulch mat around base.
12. All turf & grass seed mixes are to be supplied by an approved supplier. All turves are to be laid horizontally to adjacent hard surfaces in a staggered pattern to encourage establishment. All grassed areas are to be watered as necessary to ensure their establishment & continued thriving. New grassed areas to have a min. depth of 150mm good quality imported topsoil (BS3882) & to be treated on sites with poor soils into existing where necessary. Carry out all work when soil & weather are suitable:
   - Do not sow or turf during periods of frost or strong winds
   - Sow only in Spring & Autumn
   - Ensure that adequate watering & weed control is available.
13. Wildflower seeding. To be sown in recycled aggregate/ sand growing medium, prepare ground and spray with a non-residual glyphosate based herbicide in line with manufacturers recommendations. Rake or harrow & roll to produce a medium tilth, fairly fine, firm surface. Sow seeds in autumn/ spring subject to project timescales. Spread seed by machine or hand, @ 1.5 or 4g/m2 depending on mix. Do not cover seed but firm in with roller or by treading.
14. Trees are to be planted securely either underground guyed in accordance with an approved guying system or staked & secured as follows:
   - Heavy Standard are to be secured using 2no. treated softwood stakes with cross bar, driven firmly into the ground. Stakes to be 1000mm above ground & fixed to tree with suitable rubber tree tie & spacer
   - Standard are to be secured using a single stake driven firmly into ground (0.6m above ground level) & secured with a rubber tie & spacer
   - Multi-stem trees are to be secured using a single angled stake driven firmly into ground & secured with a rubber tie & spacer.
15. For all ornamental trees one 80litre bag of tree planting compost (non-peat based) is to be incorporated in the tree pits. For all ornamental trees the tree pit should be large enough to comfortably accommodate the rootball. Backfilling with excavated soils to replicate the existing horizons. All trees are to be planted in line with BS8545:2014 Trees:from nursery to independence in the landscape - Recommendations: Para 10.2.7 Topsoil should not be used below depth of the original topsoil .
16. Trees planted in grass are to have a 1m dia turf cut around the base of the tree & circle filled with 50mm depth bark mulch.
17. The landscaping shown on this drawing shall be fully implemented in the first available planting season (No-March) following completion of the approved development. Consideration to be taken into account & planned for within the construction programme. Where the works programme does not provide for tree and shrub planting to be carried out in the appropriate season either of the following operations shall be implemented:
   (a) Planting shall be completed during the first planting season following Practical Completion. The cost of carrying out such landscape works after Practical Completion shall be at the expense of the Contractor. Ensure adequate watering & weed control is available.
   (b) Carry out all work when soil & weather conditions are suitable.Do not plant during periods of frost or strong winds. Plant only in the following periods: - Container grown plants. At anytime if ground water & weather conditions are favourable- Rootballed & bare root trees & shrubs:November-March. Ensure adequate watering & weed control is available.
18. Water all plants & trees on the same day of planting, plant only into moist soil & water thoroughly to the full depth of soil immediately after planting. Water regularly through the establishment period (minimum 3 months) to prevent dehydration (min. once a week in periods of drought) to ensure the establishment of the plants during the 12month defects period.
19. The contractor must ascertain for himself/herself the exact position of underground services & maintenance points prior to carrying out any digging on site.

PLANTING AFTERCARE - 5 year establishment period

Generally

- Maintain all grass areas, shrub beds and hedgerow planting free of litter and excessive weed growth (ie. growth that would be detrimental to the intended planting). Do not allow rubbish, grass clippings or other deleterious materials to be deposited on any of the planted areas during the establishment period.
- Water all trees, shrubs & hedges in periods of drought (no significant rainfall for 5-7days) during the growing season of the 12months defect liability period. (Growing season is typically late Spring to early Autumn). Water once a week so the soil is fully saturated to encourage deep roots to establish & continue this until significant rainfall.
- Any plants which are stolen from the site prior to Practical Completion shall be replaced by the Contractor.
- Any plants which die or show signs of poor health should be replaced towards the end of the 12month defects liability period by the contractor (Exclusions: Theft or malicious damage after completion). The Employer shall determine whether a plant has failed. The cause of death or poor health should be investigated & the issue re-mediated prior to any new planting. If necessary plant species can be substituted (with prior agreement with the Landscape Architect) if particular plants are not suitable for the situation due to un-forseen circumstances.
- At the end of the first 12 month maintenance period ensure soil is thoroughly moistened prior to re-mulching, applying water where necessary, re-mulch all planting beds to a depth of 50mm.
- After the 12month defects liability period the plants within private ownership (front & back gardens) will be the responsibility of the individual home owner, maintenance of all public areas will be passed onto the management company or the local authority which will need to replace any trees or shrubs that die within a 5 year period in line with the original proposals.

Grass

Maintenance of grassed areas shall include mowing, watering as necessary to saturate soil below, trimming edges to pavings & planted areas at every cut, removing all debris & stones over 30mm in size, prior to mowing, weeding by cultivating, forking hoeing & raking & re-seeding any portions considered necessary & removing from site all debris & stones created by the operation. Fertilisers are to be swept clean of any grass cuttings. Strimming round base of all trees will be carried out with a strimmer fitted with a protective guard to prevent bark damage.
Grass to be cut fortnightly throughout growing season to height between 25-30mm & remove clipping to tip (April to October)
Any areas of grass where bulbs are planted must not be mown until leaves turn yellow or show signs of die-back.
Spike and scarify periodically to promote free drainage and remove moss and thatch.
In drought conditions the following modifications to specified mowing operations shall be implemented:
Cutting heights shall be raised to 45mm, mowing shall only continue so long as grass growth continues to reach maximum advisable height.

Native hedge mix

Maintenance operations:
Years 1-3
Water throughout the summer months after any period without significant rainfall.
Treat Shrub/Edge Mix area with residual herbicide applied to bare ground at the end of the second years growth.
Ensure plants are secure and upright in the ground. Firm up where necessary.
Spot treat any weeds to maintain weed free.
Prune out any dead wood.
Replace dead/missing plants
Re-firm plants where necessary.

Wildflower Mix

First Year Management:
Do not cut any annual weeds until mid to late summer. Then cut, remove and compost in early August. The meadow can then be kept short by mowing through to the end of March of the following year. Dig out any residual perennial weeds such as docks.

Management Once Established:
In the second and subsequent years sowings can be managed in a number of ways which, in association with soil fertility, will determine the character of the grassland. The best results are usually obtained by traditional meadow management based around a main summer hay cut in combination with autumn and possibly spring mowing or grazing.
Meadow grassland is not cut from spring through to late July/August to give the sown species an opportunity to flower. After flowering in July or August take a 'hay cut': cut back with a scythe, petrol strimmer or tractor mower to approx 50mm. Leave the 'hay' to dry and shed seed for 1-7 days then remove from site.
Mow the re-growth through to late autumn/winter to approx.50mm and again in spring if needed.

Shrub Beds

APPLY TO ALL YEARS
Maintain weed free
Replace dead/dying plants
Water in periods of drought 10 litres per shrub per week.
Remove deadwood.
At the end of year 5, thin shrub beds to allow adjacent plants to achieve their species potential.

Herbaceous Beds

Maintain weed free
Replace dead/dying plants
Water in periods of drought a minimum of 2 times a week.
Every 2-4 years (species dependant) divide plants.

Hedging

The aim is to establish a stable and healthy hedgerow within 3 years from planting with a well shaped framework.
Maintenance operations
Maintained base of plants weed free; spot treat as necessary
Replace dead and missing plants or those which fail to establish properly.
Water throughout the summer months after any period without significant rainfall.
Ensure plants are secure and upright in the ground. Firm up where necessary.
After the second growing season, formative prune the hedgerow on an annual basis to remove any dead, diseased or damaged shoots and create a balanced form for future growth.

Trees

Inspect trees and ensure that they are establishing in an upright & safe manner, gently firm loosened soil around trees, straighten leaning trees accordingly.
Stakes and ties; check annually that the stakes are secure and adjust ties to allow for growth as necessary. Remove stakes at the end of the third growing season.
Trees should be watered once a month regardless of weather conditions during the defects liability period in the growing season (through the irrigation pipe) to ensure that the trees are encouraged to produce deep roots.Water trees in periods of drought at a the following rates:
150 litres per tree - 14-16cm girth trees & above
75 litres per tree - 10-12cm girth trees & below

Prune deadwood, crossing branches etc. Replace dead/dying trees.
Routine pruning should include the following operations:
The removal of dead, diseased, damaged or dying branches only where they pose a risk to the users of the site.
The removal of branches or epicormic growth around the trunk of the tree where it is restricting access, growing over footpaths or obstructing lighting to be cut back.
Inspection and reporting any incidence of pests and diseases which could cause trees or limbs to fail.
Any routine tree works should be carried out between end August to the end February to avoid the bird nesting season. If this is unavoidable a bird nest and/ or bat survey must be undertaken prior to works being carried out.

Existing Trees

The existing trees around the development should be inspected annually by a suitably qualified arboricultural consultant to ensure that they are in good health and are not hazardous to the users of the site.
Any tree works should be carried out by suitably qualified arboricultural contractors to the best arboricultural standards, considering all safety implications (especially working near roads, on embankment and or near a water course) and working in accordance with BS 3998 (2010).
Carry out a health and safety inspection on all the trees on and around the site on an annual basis and after any severe high winds to ensure that the trees are maintained in a safe condition and will not pose a risk to the users of the site. Any works required to reduce these risk should be carried out at the earliest opportunity.
Routine pruning should include the following operations:
The removal of dead, diseased, damaged or dying branches only where they pose a risk to the users of the site. Trees within woodland areas away from houses or areas not intended to be used by the general public should be left as dead and decaying wood are all part of a health natural woodland ecosystem.
The removal of branches or epicormic growth around the trunk of the tree where it is restricting access, growing over footpaths or obstructing lighting to be cut back.
Inspection and reporting any incidence of pests and diseases which could cause trees or limbs to fail.
Any works to existing trees must maintain the natural shape of the tree, after any tree works the trees should not appear to be topped or lopped
If trees are to be felled this operation should be done in a safe manner complying with all current regulations including BS 3998. Where gaps have been created plant a replacement tree of native origin as agreed with the local authority.
Any routine tree works should be carried out between end August to the end February to avoid the bird nesting season. If this is unavoidable a bird nest and/ or bat survey must be undertaken prior to works being carried out.

PLANTING SCHEDULE

Shrubs

Nr	Code	Name	Height (Spread (cm)	Container	Habit	Density
4	CAB	Ceanothus 'Autumnal Blue'	80-100	10L	Branched	
7	OH	Olearia × haastii	30-40	5L	Bushy	3 per m2
27	SKG	Skimmia 'Kew Green'	30-40	5L	Bushy	3 per m2

Herbaceous

Nr	Code	Name	Height (cm)	Container	Habit	Density
7	AvA	Ajuga reptens 'Alba'		5L		5 per m2
9	AsM	Aster x frikartii 'Monch'		5L		5 per m2
20	BJF	Brunnera macrophylla 'Jack Frost'		5L		5 per m2
20	Cap	Carex plantaginea		5L		5 per m2
5	CHG	Caryopteris 'Hint of gold'		5L		5 per m2
7	ESC	Echinacea 'Summer Cocktail'		5L		5 per m2
5	HMB	Helenium 'Moerheim Beauty'		5L		5 per m2
5	MSK	Miscanthus sinensis 'Kleine Silberspinne'		7.5L		
5	PeH	Pennisetum alopecuroides 'Hameln'		5L		5 per m2
5	PBS	Perovskia 'Blue Spire'		5L		5 per m2
30	PoA	Polystichum aculeatum		5L		5 per m2
20	PoP	Polystichum polyblepharum		5L		5 per m2
5	SeS	Sedum 'Stardust'		5L		5 per m2
26	TSS	Tiarella 'Spring Symphony'		5L		5 per m2

Hedge

Nr	Code	Name	Height (cm)	Container	Habit	Density
367	LvH	Ligustrum vulagare	200-225	RB	Branched	2 per lin m

Native Hedge Mix - Planted in double staggered rows 7 per lin.m

Nr	Code	Name	Height (cm)	Root	Age	Mix %
246	Cim	Crataegus monogyna	40-60	BR	1+0	40
185	Ca	Corylus avellana	40-60	BR	1+1	30
61	Ilq	Ilex aquifolium	60-90	2L		10
61	Prs	Prunus spinosa	60-90	BR	1+1	10
61	Vo	Viburnum opulus	60-90	BR	1+1	10

Trees

Nr	Code	Name	Height (cm)	Girth	Root / Container	Form
3	Acam	Acer campestre	300-350	10-12cm	RB	Selected Std
6	Ac	Acer campestre	350-425	12-14cm	RB	Heavy Std
4	Aln	Alnus glutinosa	300-350	10-12cm	RB	Selected Std
6	Ag	Alnus glutinosa	350-425	12-14cm	RB	Heavy Std
4	Bep	Betula pendula	300-350	10-12cm	RB	Selected Std
16	Bp	Betula pendula	350-425	12-14cm	RB	Heavy Std
4	Car	Carpinus betulus	300-350	10-12cm	RB	Selected Std
1	Cb	Carpinus betulus	350-425	12-14cm	RB	Heavy Std
1	CoC	Corylus columa	600-700	35-40cm	RB	Semi mature
3	Cra	Crataegus laevigata 'Pauls Scarlet'	300-350	10-12cm	RB	Selected Std
3	CPS	Crataegus laevigata 'Pauls Scarlet'	350-425	12-14cm	RB	Heavy Std
14	Psy	Pinus sylvestris	300-400	12-14cm	RB	Heavy Std
41	Ps	Pinus sylvestris	400-500	14-16cm	RB	Extra Heavy Std
7	PoN	Populus nigra	400-500	14-16cm	RB	Extra Heavy Std
4	Pp	Prunus padus	300-350	10-12cm	RB	Selected Std
10	Pr	Prunus padus	350-425	12-14cm	RB	Heavy Std
1	Qu	Quercus robur	300-350	10-12cm	RB	Selected Std
2	Qr	Quercus robur	350-425	12-14cm	RB	Heavy Std
6	Sor	Sorbus aucuparia	300-350	10-12cm	RB	Selected Std
4	Sau	Sorbus aucuparia	350-425	12-14cm	RB	Heavy Std
3	SoT	Sorbus torminalis	350-425	12-14cm	RB	Heavy Std

Wildflower Mix A 117.5m2 - EM3 Special General Purpose Meadow Mixture as supplied by Emorsgate Seeds sown at 4g/m2

Wildflower Mix B 190m2 - EM2 Standard General Purpose Meadow Mixture as supplied by Emorsgate Seeds sown at 4g/m2

Wildflower Mix C 3299.5m2 - EM10 Tussock Meadow Mixture as supplied by Emorsgate Seeds sown at 4g/m2

Wildflower Mix D 278m2 - Landlife Wildflowers Woodland and Heavy Shade Wildflower Seeds LWBF sown at 3g/m2

Fruit Trees

Nr	Code	Name	Height min (cm)	Girth	Root / Container	Form
3	CMP	Cydonia oblonga 'Meeches Prolific'	150		Quince A	Half std
3	MRO	Malus domestica 'Blenheim Orange'	150		MM111	Half std
2	MCP	Malus domestica 'Claygate Pearmain'	150		MM111	Half std
2	MLD	Malus domestica 'Lord Derby'	150		MM111	Half std
2	PrS	Prunus avium 'Surdoux'	150		Colt	Half std
1	PREP	Prunus domestica 'Rivers Early Prolific'	150		Tonnel	Half std
1	PrV	Prunus domestica 'Victoria'	150		Tonnel	Half std
2	PC	Pyrus communis 'Concorde'	150		Quince A	Half std
3	PyC	Pyrus communis 'Conference'	150		Quince A	Half std

SUPPLIER DETAILS

GreenBlue Urban Ltd
Northpoint
Compass Park
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E: enquiries@greenblueurban.com
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Rev	Description	Initial	Date
K	Tree abbreviations updated	KAS	Oct25
J	External layout updated, earthworks updated to on site layout, Pinus nigra substituted for Sylvestris due to supply issues	KAS	Oct25
H	Tree locations in PRE planning layout due to conflict with existing services	KAS	Aug 25
G	Ashton New Road/ Ashton New Rd G3.1 to be removed and replaced, tree proposals updated accordingly. Wildflower spec & location	KAS	Jul25
F	Ashton New Rd amended to clients comments		
E	Woodland amended, root barriers updated to pip services, tree locations updated	KAS	Jun25
D	Amended to client comments	KAS	Mar25
C	Amended to latest arch plan, Fruit trees added to spec	KAS	Nov24
B	OWD status updated	KAS	Oct24
A	Updated to latest site plan	KAS	Jul24
A	NBS clause, native hedge planting & maintenance notes added	KAS	Apr 24

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CLIENT
MCFC

PROJECT TITLE
Women's First Team

DRAWING TITLE
Detailed Planting Proposals

STATUS
STAGE 5 Work In Progress

SCALE	SHEET SIZE	DRAWN	CHECKED	DATE
1:250	A0	KAS	-	Oct 25

PROJECT NO.	DRAWING NO.	REV.
407	75	K