REVISIONS

REV A	04 / 01 / 23	DM	TL
UPDATE ON ARCHITECT'S DRAWINGS & COMMENTS GIVEN BY LOCAL PLANNING AUTHORITY (LPA)			
REV B	25 / 03 / 23	DM	TL
MINOR CHANGES DONE BASED ON ARCHITECT'S DRAWINGS			

KEY:

HARD LANDSCAPE SCHEDULE

PROPOSED BUILDINGS:
Proposed buildings. See Niemen Architects drawings for details.

HARDSTANDING AREAS & LEVELS:
Proposed hardstanding areas including car parking, footpaths, patios and levels. See Niemen Architects drawings for details.

PROPOSED LANDSCAPE BUFFER FENCING:
Proposed timber fence for the landscape buffer, to be post and 3x rail timber fence, 1.1m high. Protected area includes wildflower grass seed mix, native hedgerow mix and mature trees. See Niemen Architects drawings for additional details.

SOFT LANDSCAPE SCHEDULE

PROPOSED NATIVE, EXTRA HEAVY STANDARD TREE PLANTING:
Native Extra Heavy Standard (EHS) trees to improve bio-diversity, boundary structure and interest through fruit, blossom and autumn colour. 14-16cm girth, total height min 4.25m, tree pit to be 900 x 900mm x depth of root. Double timber stake for support, pit drainage as required. *See specification for species details:*

PROPOSED NATIVE STANDARD (SELECTED) TREES:
Standard (Selected) Trees to improve bio-diversity, structure and interest. Bareroot, 3 - 3.5m height, 1.5m clear stem, tree pit to be 700 x 700mm x depth of root. Double timber stake for support, pit drainage as required. *See specification for species details:*

PROPOSED MIXED NATIVE HEDGEROW / WHIP PLANTING:
Mixed native hedge/boundary whip planting to improve bio-diversity and contributes to landscape buffer, create a dense buffer while creating new habitats for wildlife and softening boundaries. Comprising of feathered whips 0.45-1m high, bare rooted. Planted in three staggered row, different species groups of 5 -10. All plants to have shelters and canes for rabbit protection. To include evergreen species. *See specification for species details and numbers:*

PROPOSED SINGLE SPECIES EVERGREEN HEDGE:
Single species evergreen hedge to improve bio-diversity and add instant structure to the street scene. Use container grown, 0.8 - 1.0m high, planted in single row at 7 plants a linear meter. *See specification for species details:*

PROPOSED MIXED NATIVE SCRUB PLANTING:
Mix native scrub planting to strengthen the boundaries and create a dense buffer while improving bio-diversity and habitat creation. Comprising of feathered whips 0.45-1m high, bare rooted, includes evergreens planted at 1/m2. All whips to have shelters and canes for rabbit protection. *See specification for species details:*

PROPOSED ORNAMENTAL SHRUB PLANTING:
Low maintenance, low growing shrub planting to provide all year interest, colour and structure while improving bio-diversity and habitat creation. More ornamental planting to internal areas of the site with more native and evergreen species to boundaries. To include natives, evergreens, perennials, ornamental grasses and block planting. Groundcover 3L Container size at 3-5m/2. *See specification for species details and numbers:*

LOW MAINTENANCE TURF:
Hard wearing, slow growing, drought tolerant, low maintenance turf. Use Rolawn, *Medallion*. Tel: 0845 604 6050. Or similar to be approved.

PROPOSED HERITAGE GRASS AND WILDFLOWER SEED MIX:
Low maintenance grass and wildflower seed mix to contribute landscape buffer and support existing retained grasslands and woodland at the boundaries, create semi-natural public open spaces and improve habitat creation. Emorsgate Seeds EM3 Seed mix ideal for country parks, nature reserves and public open spaces to soften edges and assist in integrating the proposals into the wider landscape.

PLANTING & DRAWING NOTES:

Hedges to be cut between January and February (late winter) to allow birds to exhaust berry supply. Pruning of proposed trees in late winter to avoid disturbance to nesting birds as recommended for newly planted hedgerows. *See separate Management document for details.*

All associated tree works are to be carried out by competent professionals with experience in landscape and tree works. All tree works to be carried out in accordance with British Standard 3998.

All landscape works to be carried out in accordance with Landscape Specification shown.

All planting implementation to be carried out in the first planting season unless an alternative phasing scheme has been approved by the Local Authority.

All plant material to be supplied in accordance with HTA National Plant Specification and Nursery Certification Scheme.

Use only hand tools in existing tree root protection areas.

All construction work adjacent to trees to be in accordance with BS 5837: 2012 Trees in relation to design, demolition and construction recommendations. Fencing should be erected prior to the commencement of works on site and stay erected until the completion of agreed works. No machine works to be carried out within the Root Protection Areas, including no mechanical rotavation.

Areas to be used for structural planting to be protected during course of works to ensure a successful planting soil condition and structure, use tree protection fencing in accordance with BS5837.

Topsoil depth to new shrub planting areas minimum 300mm, topsoil depth to new lawns and wildflower areas minimum 100mm. Soil build up to BS86601 2013 and subsoil BS 3882 2015, topsoil not to exceed 300mm, subsoil to be 450mm depth for grass area, 600mm for shrubs and 900mm depth for trees. New planting areas to be de-compacted if required before planting.

All EHS tree pits to be minimum 900mm x 900mm x depth of root base. Allow for double timber stake and pit drainage as required. All trees must have there root packaging specified, rootball and/or container grown only. No bare-root to be used. Each tree to have an irrigation tube with cap unless it forms part of a naturalistic woodland type area.

Ensure 1.5m diameter bark mulch circle to all trees in grass. Also incorporate onto all planting and hedges.

All planting areas to be maintained weed free and watered at appropriate / necessary periods during establishment of plants.

All trees and hedges to use bio-degradable tree tubes, ties and straps, use 'Green Tech' products. Spirals and guards to protect against mower on each tree/whip.

If within a period of five years from the date of the planting of any tree/hedge/shrub that tree/hedge/shrub, or any replacement, is removed, uprooted or destroyed or dies, or becomes, in the opinion of the Local Planning Authority, seriously damaged or defective, another tree/hedge/shrub of the same species and size as that originally planted shall be planted in the same location as soon as reasonably possible and no later than the first available planting season, unless otherwise agreed in writing by the Local Planning Authority.

LANDSCAPE SPECIFICATION.

No.	% Mix	Species Name	Pot Size	Height	Density	Specification
EHS Native Trees						
6	Ag	Alnus glutinosa	RB	4.25 - 6m	As shown	Extra Heavy Standard, 14-16cm girth, min 5 brks
6	Cm	Crataegus monogyna	RB	4.25 - 6m	As shown	Extra Heavy Standard, 14-16cm girth, min 5 brks
6	Fs	Fagus sylvatica	RB	4.25 - 6m	As shown	Extra Heavy Standard, 14-16cm girth, min 5 brks
3	Psb	Prunus 'Sunset Boulevard'	RB	4 - 5m	As shown	Extra Heavy Standard, 12-14cm girth, min 5 brks
4	Ms	Malus sylvestris	RB	4.25 - 6m	As shown	Extra Heavy Standard, 14-16cm girth, min 5 brks
Standard (selected) Trees						
5	Pa	Prunus avium	BR	3 - 3.5m	As shown	10-12cm girth, min 3 brks, 1.5m clear stem
Single Species Hedge						
630	Cb	Carpinus betulus	BR	1.0 - 1.2	7/lin meter	Bushy, planted in double staggered row to create hedge
Mixed Native Hedge						
115	10%	Corylus avellana	B	60 - 80cm	6/linear m	Branched, min 3 brks. Planted in groups of 3-5
575	50%	Crataegus monogyna	B	80 - 100cm	6/linear m	Transplant 1+1. Planted in groups of 5-10
115	10%	Prunus spinosa	B	60 - 80cm	6/linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5
115	10%	Rosa canina	B	45 - 60cm	6/linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5
115	10%	Ilex Aquafolium	B	45 - 60cm	6/linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5
115	10%	Viburnum opulus	B	45 - 60cm	6/linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5
Groundcover Shrubs						
35	Bb	Bergenia 'Bressingham White'	3L	30 - 40cm	5/m2	Bushy, planted in groups of 7-9
45	Cal	Cornus alba	3L	40 - 60cm	4/m2	Bushy, planted to create larger shrub back drop
35	Eb	Erysimum 'Bowles Mauve'	3L	30 - 40cm	4/m2	Bushy, planted in groups of 5-7
80	Hp	Hebe 'Purple Pixie'	3L	30 - 40cm	3/m2	Bushy, planted in groups of 5-7
55	Hv	Hebe vernicosa	3L	30 - 40cm	3/m2	Bushy, planted in groups of 5-7
80	La	lavandula angustifolia 'twickel purple'	3L	30 - 40cm	3/m2	Bushy, planted in groups of 7-9
85	Ns	Nepeta six hills giant	3L	30 - 40cm	3/m2	Bushy, planted in groups of 7-9
95	Sa	Sedum autumn joy	3L	30 - 40cm	4/m2	Bushy, planted in groups of 7-9
35	Vd	Vibumum davidii	3L	20 - 30cm	3/m2	Bushy, planted in groups of 7-9
Mixed Scrub Hedge						
47	Ca	Corylus avellana	2L	60 - 80cm	6/linear m	Branched, min 3 brks. Planted in groups of 3-5
270	Cm	Crataegus monogyna	2L	80 - 100cm	6/linear m	Transplant 1+1. Planted in groups of 5-10
47	Ps	Prunus spinosa	2L	60 - 80cm	6/linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5
47	Rc	Rosa canina	2L	45 - 60cm	6/linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5
47	Ia	Ilex Aquafolium	2L	45 - 60cm	6/linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5
47	Vo	Viburnum opulus	2L	45 - 60cm	6/linear m	Branched, min 2 brks, 1+1. Planted in groups of 3-5

SCALE
0m 5m 10m 15m 20m

N

FOR PLANNING

PROJECT: GARDEN HOUSE CLOSE, MONK BRETTON
SCALE: 1 / 200 @ A0
DATE: 19 / 07 / 2022
TITLE: SOFT LANDSCAPE SPECIFICATION (EAST)
DRAWN BY: DM
REVIEWED: TL
DRAWING NO: MR22-068/102
REVISION: B

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