PMC Construction Ltd

Project	Blendworth Crescent
Drawing	Outline Landscape Plan. Ref. GHD2092 Rev.L
Client	PMC Construction ltd
Prepared by	Kian Oliver

Date	15 April	2016	
	22 April	2016	Rev.A
	22 April	2016	Rev.B
	06 July	2016	Rev.C
	23 August	2016	Rev.D
	30 August	2016	Rev.E
	24 March	2017	Rev.F
	31 March	2017	Rev.G
	30 August	2017	Rev.H
	06 September	2017	Rev.J
	13 October	2017	Rev.K
	13 October	2017	Rev.L

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The following plan outlines the proposed planting scheme to be undertaken at the new development at Blendworth Crescent.

Planting specifications are detailed below.

Specification.
All beds are to be prepared to a minimum depth of 450mm, using quality, certified top soil with tree pits being prepared to a minimum of 700mm cubed. Before new topsoil is imported the compacted sub soil should be “ripped” or de-compacted, to ensure long-term drainage.

All compost, bark mulch and soil conditioner to be peat-free. A minimum of 25% of all vegetation to be planted must have been reared in peat free compost, and ideally sourced from local suppliers.

All plants will be spaced equally to create the correct coverage in the desired area. We would recommend that once planting has been completed, that a 75mm layer of bark is used to mulch ALL hedge, shrub and tree beds, increasing water retention and to naturally assist in repressing weed growth.

Planting density is based on an average 4 per square meter.

The remaining areas, not shown as hard landscaping or planting beds are to be laid to lawn; this can either by using seed over a prepared bed or by turfing. In either case all areas are to be prepared by rotavating to aerate the soil and a final topsoil dressing, before seed and soil is applied.

All Turfing and seed areas should be prepared with a minimum bed depth of 150mm quality topsoil.

All trees to be planted with a tree stake and an expandable tie, water access to the roots will be provided by a single irrigation pipe.

Planting Bed A 60.5sqm	**Size cm**	**Container size Litre**	**Quantity**
Viburnum opulus	30/40	5	12
Cornus sanguinea ‘Midwinter fire’	30/40	2/3	30
Rosa pimpinellifolia	30/40	2/3	30
Deschampsia cespitosa	40/60	5	30
Heuchera ‘Amethyst Mist’	30/40	2/3	25
Cotinus coggygria	60/80	10	15
Hebe sutherlandii	30/40	2/3	30
Seslaria autumnalis	30/40	2/3	30
Geranium sylvaticum ‘Album’	30/40	2/3	25
Planting Bed B 9.5 Linear metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in double staggered rows at a density of 7 per 2m.	90/120	Bare-root or container depending on season	33
Planting Bed C 11.5 Linear metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in double staggered rows at a density of 7 per 2m.	90/120	Bare-root or container depending on season	40
Planting Bed D 4.5 Linear metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in double staggered rows at a density of 7 per 2m.	90/120	Bare-root or container depending on season	16
Planting Bed E 4.5 Linear metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in double	90/120	Bare-root or container	16

staggered rows at a density of 7 per 2m.		depending on season	
Planting Bed F 4.5 Linear metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in double staggered rows at a density of 7 per 2m.	90/120	Bare-root or container depending on season	16
Planting Bed G 4.5 Linear metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in double staggered rows at a density of 7 per 2m.	90/120	Bare-root or container depending on season	16
Planting Bed H 4.5 Linear metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in double staggered rows at a density of 7 per 2m.	90/120	Bare-root or container depending on season	16
Planting Bed J 1.5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Rosmarinus officinalis	30/40	2/3	6
Planting Bed K 4.5sqm	**Size cm**	**Container size Litre**	**Quantity**
Lonicera nitida ‘Baggesen’s Gold’	30/40	2/3	9
Vinca minor	30/40	2/3	9
Planting Bed L 3.5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Geranium sylvaticum	30/40	2/3	5
Hebe rakaiensis	30/40	2/3	5
Euonymus ‘Emerald Gaiety’	30/40	2/3	4
Planting Bed M 4.5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Euonymus ‘Emerald Gaiety’	30/40	2/3	6
Geranium sylvaticum	30/40	2/3	6
Hebe rakaiensis	30/40	2/3	6
Planting Bed N 4.5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Euonymus ‘Emerald Gaiety’	30/40	2/3	6
Geranium sylvaticum	30/40	2/3	6
Hebe rakaiensis	30/40	2/3	6
Planting Bed P 7.5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Geranium sylvaticum	30/40	2/3	6
Carex ‘Bronze’	30/40	2/3	6
Hebe rakaiensis	30/40	2/3	6
Rosmarinus officinalis	30/40	2/3	6
Agapanthus africanus ‘Alba’	30/40	2/3	6
Planting Bed Q 6 sqm	**Size cm**	**Container size Litre**	**Quantity**
Vinca minor ‘Alba’	30/40	2/3	12
Dryopteris filax-mas	30/40	2/3	6
Heuchera ‘Palace Purple’	30/40	2/3	6
Planting Bed R 4.5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Euonymus ‘Emerald Gaiety’	30/40	2/3	6
Hebe ‘Emerald Gem’	30/40	2/3	6
Heuchera ‘Palace Purple’	30/40	2/3	6
Planting Bed S 4.5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Euonymus ‘Emerald Gaiety’	30/40	2/3	6
Hebe ‘Emerald Gem’	30/40	2/3	6
Heuchera ‘Palace Purple’	30/40	2/3	6
Planting Bed T 12 sqm	**Size cm**	**Container size Litre**	**Quantity**
Rosmarinus officinalis	30/40	2/3	6
Agapanthus africanus ‘Alba’	30/40	2/3	9
Hebe rakaiensis	30/40	2/3	9

Geranium sylvaticum	30/40	2/3	9
Phormium ‘Platts Black’	60/80	10	2
Sesleria autumnalis	30/40	2/3	9
Planting Bed U 3.5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Euonymus ‘Emerald Gaiety’	30/40	2/3	5
Hebe ‘Emerald Gem’	30/40	2/3	5
Heuchera ‘Palace Purple’	30/40	2/3	4
Planting Bed V 9 sqm	**Size cm**	**Container size Litre**	**Quantity**
Seleria autumnalis	30/40	2/3	9
Geranium sylvaticum ‘Album’	30/40	2/3	9
Buxus sempervirens as hedge along western boundary	30/40	2/3	20
Cornus sanguinea ‘Midwinter fire’	40/60	5	5
Planting Bed W 6 sqm	**Size cm**	**Container size Litre**	**Quantity**
Prunus laurocerasus ‘Otto Luyken’	30/40	2/3	20
Planting Bed X 4 sqm	**Size cm**	**Container size Litre**	**Quantity**
Sarcococca humilis var. Humilis	30/40	2/3	16
Planting Bed Y 4.5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Cistus x purpureus	30/40	2/3	16
Planting Bed Z 1.5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Rosmarinus officinalis	30/40	2/3	6
Planting Bed AA 5 Linear Metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in single row at a density of 7 per 2m	90/120	Bare-root or container depending on season	17
Planting Bed AB 2 Linear Metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in single row at a density of 7 per 2m	90/120	Bare-root or container depending on season	7
Planting Bed AC 5 Linear Metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in single row at a density of 7 per 2m	90/120	Bare-root or container depending on season	17
Planting Bed AD 2 Linear Metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in single row at a density of 7 per 2m	90/120	Bare-root or container depending on season	7
Planting Bed AE 5 Linear Metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in single row at a density of 7 per 2m	90/120	Bare-root or container depending on season	17
Planting Bed AF 13.5 Linear metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in single row at a density of 7 per 2m	90/120	Bare-root or container depending on season	47
Planting Bed AG 19 sqm	**Size cm**	**Container size Litre**	**Quantity**
Viburnum opulus	30/40	5	9
Cornus sanguinea ‘Midwinter fire’	30/40	2/3	9
Rosa pimpinellifolia	30/40	2/3	9
Deschampsia cespitosa	40/60	5	9
Heuchera ‘Amethyst Mist’	30/40	2/3	9
Sesleria autumnalis	30/40	2/3	12
Hebe rakaiensis	30/40	2/3	9
Planting Bed AH 5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Sesleria autunmnalis	30/40	2/3	6
Geranium sylvaticum	30/40	2/3	6
Hebe rakaiensis	30/40	2/3	6
Planting Bed AJ 13 Linear Metres	**Size cm**	**Container size Litre**	**Quantity**
Viburnum lantana hedgerow planted in double	90/120	Bare-root or container	45

staggered rows at a density of 7 per 2m.		depending on season	
Planting Bed AK 33 sqm	**Size cm**	**Container size Litre**	**Quantity**
Lavandula 'Hidcote'	30/40	2/3	21
Hebe rakaiensis	30/40	2/3	15
Agapanthus africanus 'Alba'	30/40	2/3	18
Phormium 'Platts Black'	60/80	10	5
Rosmarinus officinalis	40/60	5	12
Geranium 'Wargrave Pink'	30/40	2/3	24
Deschampsia cespitosa	40/60	5	12
Stipa tenuissima	30/40	2/3	21
Planting Bed AL 25 Linear Metresx	**Size cm**	**Container size Litre**	**Quantity**
Fagus sylvatica planted in double staggered rows at a density of 5 per metre.	90/120	Bare-root or container depending on season	97
Planting Bed AM 12 sqm	**Size cm**	**Container size Litre**	**Quantity**
Pyracantha coccinea 'Red column'	40/60	5	12
Sesleria autmnalis	30/40	2/3	12
Lonicera pileata	30/40	2/3	12
Planting Bed AN 15 sqm	**Size cm**	**Container size Litre**	**Quantity**
Lavandula 'Hidcote'	30/40	2/3	20
Stipe tenuissima	30/40	2/3	24
Geranium sylvaticum 'Album'	30/40	2/3	24
Planting Bed AP 11 Linear Metres	**Size cm**	**Container size Litre**	**Quantity**
Fagus sylvatica planted in double staggered rows at a density of 5 per metre.	90/120	Bare-root or container depending on season	55
Planting Bed AQ 10 Linear Metres	**Size cm**	**Container size Litre**	**Quantity**
Photinia x fraseri 'Red Robin' planted as double staggered hedgerow at a density of 7 per 2m	40/60	5	40
Planting Bed AR 2.5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Prunus laurocerasus 'Otto Luyken'	30/40	2/3	5
Cistus x pupureus	30/40	2/3	5
Planting Bed AS 2.5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Prunus laurocerasus 'Otto Luyken'	30/40	2/3	5
Cistus x pupureus	30/40	2/3	5
Planting Bed AT 2.5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Prunus laurocerasus 'Otto Luyken'	30/40	2/3	5
Cistus x pupureus	30/40	2/3	5
Planting Bed AU 1 sqm	**Size cm**	**Container size Litre**	**Quantity**
Prunus laurocerasus 'Otto Luyken'	30/40	2/3	4
Planting Bed AV 4.5sqm	**Size cm**	**Container size Litre**	**Quantity**
Euonymus 'Emerald Gaiety'	30/40	2/3	4
Hebe 'Emerald Gem'	30/40	2/3	4
Heuchera 'Palace Purple'	30/40	2/3	4
Planting Bed AW 4.5 Linear Metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in a single row at a density of 7 per 2m	90/120	Bare-root or container depending on season	20
Planting Bed AX 4.5 Linear Metres	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare Hedgerow planted in a single row at a density of 7 per 2m	90/120	Bare-root or container depending on season	15
Planting Bed AY 10 sqm	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulgare at front of bed to complete hedgerow	90/120	Bare-root or container depending on season	3
Lonicera pileata	30/40	2/3	12
Viburnum opulus	30/40	2/3	12

Phormium Platts Black	60/80	10	3
Euonymus 'Emerald Gaiety'	30/40	2/3	12
Planting Bed AZ 23 sqm	**Size cm**	**Container size Litre**	**Quantity**
Hebe fanciscana 'Blue Gem'	30/40	2/3	23
Rosmarinus officinalis	30/40	2/3	23
Hebe rakaiensis	30/40	2/3	23
Stipe tenuissima	30/40	2/3	23
Planting Bed AAA 1sqm	**Size cm**	**Container size Litre**	**Quantity**
Phormium 'Platts Black'	60/80	10	1
Geranium sylvaticum 'Album'	30/40	2/3	3
Planting Bed AAB 7 sqm	**Size cm**	**Container size Litre**	**Quantity**
Hebe rakaiensis	30/40	2/3	6
Heuchera 'Palace purple	30/40	2/3	6
Deschampsia cespitosa	40/60	5	3
Lavandula Hidcote	30/40	2/3	6
Sesleria autumnalis	30/40	2/3	6
Planting Bed AAC 16 sqm	**Size cm**	**Container size Litre**	**Quantity**
Lonicera pileata	30/40	2/3	35
Vinca minor 'Alba'	30/40	2/3	15
Planting Bed AAD 5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulagare planted in double staggered rows at a density of 5 per metre	90/120	Bare-root or container depending on season	25
Planting Bed AAE 8 sqm	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulagare planted in double staggered rows at a density of 5 per metre	90/120	Bare-root or container depending on season	40
Planting Bed AAF 12 sqm	**Size cm**	**Container size Litre**	**Quantity**
Pyracantha coccinea 'Red Column'	40/60	5	12
Sesleria autumnalis	30/40	2/3	12
Lonicera pileata	30/40	2/3	12
Planting Bed AAG 2.5 sqm	**Size cm**	**Container size Litre**	**Quantity**
Ligustrum vulagare planted in double staggered rows at a density of 5 per metre	90/120	Bare-root or container depending on season	12
Planting Bed AAH 341 sqm 195 Linear Metres hedgerow	**Size cm**	**Container size Litre**	**Quantity**
Mixed native Native Hedgerow planted in double staggered rows planted at 0.5m centers (5 per metre). To be planted along boundary from the carpark to the East of bed AU, to the South of T20. Additional native planting inside hedgerow (see plan) to strengthen buffer zone and create habitats.	90/120	Bare-root or container depending on season	
Crataegus monogyna (100)			150
Fagus sylvatica (100)			100
Corylus avellana (115)			135
Acer campestre (125)			150
Ligustrum Vulgare (150)			150
Malus sylvestris (135)			135
Prunus spinosa (150)			150
Native buffer planting			
Viburnum opulus (40)			40
Rosa canina (40)			40

Rosa pimpenifolia (50) Cornus sanguinea (50) Deshampsia cespitosa (25) Geranium sylvaticum (30)	 30/40 30/40 	 2/3 2/3 	50 50 25 30
Planting Bed AAJ 150 sqm	**Size cm**	**Container size Litre**	**Quantity**
Native buffer planting to include: Viburnum opulus (80) Rosa canina (80) Malus sylvestris (80) Prunus avium (80) Ilex aquifolium (80) Ligustrum vulgare (80) Cornus sanguinea (80) Geranium sylvaticum (35)	 90/120 30/40	 Bare-root or container depending on season 2/3 2/3	 80 80 80 80 80 80 80 35
Planting Bed AAK 130 sqm	**Size cm**	**Container size Litre**	**Quantity**
Native buffer planting to include: Viburnum opulus (70) Rosa canina (70) Malus sylvestris (70) Prunus avium (70) Ilex aquifolium (70) Ligustrum vulgare (70) Cornus sanguinea (70) Geranium sylvaticum (35)	 90/120 30/40	 Bare-root or container depending on season 2/3 2/3	 70 70 70 70 70 70 70 35
Planting Bed AAL 120 sqm	**Size cm**	**Container size Litre**	**Quantity**
Viburnum opulus Prunus avium Ilex aquifolium Cornus sanguinea Salix caprea Crataegus laevegata	90/120 200 9120 90/120 120/150 90/120	10L 10L 10L 10L 10L 10L	10 3 10 10 5 5
Wildflower bund 50 sqm	**Size cm**	**Container size Litre**	**Quantity**
Wildflower turf 'Landscape mix' will be laid as bed AG. Soil is to be mounded to form a bund that encloses the space around T20. The turf is made up of 34 UK native wildflowers and grasses, with a minimum of 50% wildflowers. Please see specification for detailed species list.	n/a	n/a	65 sqm
Wildflower seeded areas 500sqm	**Size cm**	**Container size Litre**	**Quantity**
Emorsgate EM2 General purpose meadow mixture to be sown at a rate of 4g per sqm	n/a	na	2.kg
Bulb planting around trees and in clusters on large grass areas			**Quantity**
Galanthis nivalis			500
Narcissus pseudonarcissus			200
Hyacinthoides non scripta			500

Tree Number	Tree	Girth	Height	Quantity
T30, T36, T53	Acer campestre 'Streetwise'	12/14	3m minimum	2
T4, T5, T6, T29, T31, T35, T37, T43, T45, T49	Betula pendula	12/14	3m minimum	8

T10, T19	Fagus sylvatica	12/14	3m minimum	2
T15	Amelanchier lamarkii	10/12	2/2.5m	1
T33, T41	Malus sylvestris	12/14	3m minimum	1
T1, T2, T3, T17, T22, T44	Prunus avium 'Pleana'	12/14	3m minimum	5
T9, T11, T23, T24, T26, T27, T28	Pyrus calleryana 'Chanticleer'	12/14	3m minimum	7
T40, T48	Salix caprea	12/14	3m minimum	1
T7, T8, T13, T14, T22, T25, T32, T38, T39, T46	Sorbus aucuparia 'Streetwise'	12/14	3m minimum	8
T12, T16, T18, T21	Tilia cordata 'Greenspire'	12/14	3m minimum	3
T34, T42, T47	Quercus robur	12/14	3m minimum	1
T50, T51, T52	Carpinus betulus 'Frans Fontaine'	12/14	3m minimum	3

Wildflower turf Bund

65sqm of Wildflower turf 'Landscape Mix' will be laid on a 500mm high bund formed from subsoil to increase biodiversity and provide a visually pleasing space for relaxation. The detailed species list is as follows:

Autumn Hawkbit *(Scorzoneroides autumnalis)*
Bladder Campion *(Silene vulgaris)*
Common Sorrel *(Rumex acetosa)*
Cowslip *(Primula veris)*
Lady's Bedstraw *(Galium verum)*
Meadowsweet *(Filipendula ulmaria)*
Perforate St Johns Wort *(Hypericum perforatum)*
Ribwort Plantain *(Plantago lanceolata)*
Tufted Vetch *(Vicia cracca)*
Wild Red Clover *(Trifolium pratense)*
Betony *(Stachys officinalis)*
Cats Ear *(Hypochaeris radicata)*
Common Vetch *(Vicia sativa ssp. segetalis)*
Field Scabious *(Knautia arvensis)*
Meadow Buttercup *(Ranunculus acris)*
Musk Mallow *(Malva moschata)*
Ragged Robin *(Lychnis flos-cuculi)*
Salad Burnet *(Sanguisorba minor)*
Wild Carrot *(Daucus carota)*
White Campion *(Silene latifolia)*
Birdsfoot Trefoil *(Lotus corniculatus)*
Common Knapweed *(Centaurea nigra)*
Common Toadflax *(Linaria vulgaris)*
Greater Hawkbit *(Leontodon hispidus)*
Meadow Cranesbill *(Geranium pratense)*
Ox Eye Daisy *(Leucanthemum vulgare)*
Red Campion *(Silene dioica)*
Self-heal *(Prunella vulgaris)*
Wild Marjoram *(Origanum vulgare)*
Yarrow *(Achillea millefolium)*

Wildflower seeding
Emorsgate EM2 General purpose meadow mixture to be sown at a rate of 4g per sqm over 200mm 'geosynthetics geoweb' at the proposed area. The species list for this mix is as follows.

Wild flowers

Achillea millefolium
Centaurea nigra
Gallium verum
Leucanthemum vulgare
Lotus corniculatus
Plantago lanceolata
Plantago media
Primula veris
Prunella vulgaris
Ranunculus acris
Rhinanthus minor
Rumez acetosa
Trifollium pratense

Grasses

Agrostis capillaris
Cynosures cristasus
Festuca rubra
Phleum bertolonii

Wildlife. Bird boxes etc.
Four 1B Schwegler Nest Boxes with a 32mm entrance hole will be erected within trees on site to attract a variety of birds.

Bat boxes
Bat boxes to be positioned on site by retained ecologist and installed as per specialist.

Work Schedule
To prevent any accidental damage, the soft landscaping and planting works should be undertaken once the main construction has been completed and the majority of the contractors have left the site. All planting, seeding or turfing comprised in the approved details of landscaping shall be carried out in the first planting and seeding seasons following the occupation of the buildings or the completion of the development, whichever is the sooner. Any trees or plants, which within a period of 5 years from the completion of the development die, are removed or become seriously damaged or diseased shall be replaced in the next planting season with others of similar size or species, unless the Local Planning Authority gives written consent to any variation.