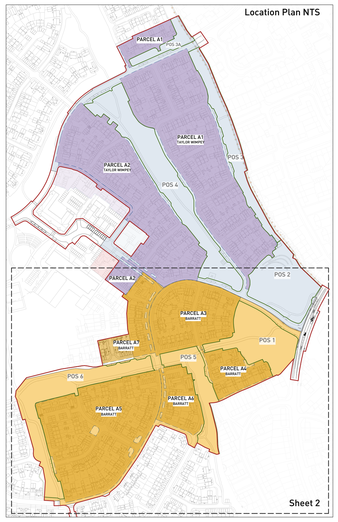

Refer to P16-0587_25 Sheet 1 of 2

Refer to P16-0587_25 Sheet 1 of 2

SUBMITTED AS PART OF SEPARATE APPLICATION

SUBMITTED AS PART OF SEPARATE APPLICATION

PRIMARY ROAD

PRIMARY ROAD

PRIMARY ROAD

PRIVATE DRIVE

PRIVATE DRIVE

PRIVATE DRIVE

PRIVATE DRIVE

PRIVATE DRIVE

PRIVATE DRIVE

PRIVATE DRIVE

CYCLE PATH

EXISTING BASIN TO BE RECONFIGURED AS PERMANENTLY WET ATTENUATION

PROPOSED PERMANENTLY WET ATTENUATION BASIN

LONG CHAULDEN

MIDDLE HILL

BLIND

LANE

0 50m

PLANNING | DESIGN | ENVIRONMENT | ECONOMICS

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KEY

PUBLIC OPEN SPACE

- Application Boundary
- Existing trees to be retained in accordance with BS5837
- Existing Public Right of Way (Chilterns Way)
- Proposed feature trees
- Proposed primary street avenue trees
- Proposed tree planting
- Native hedgerow planting
- Native shrub planting
- Semi-native shrub planting
- Bulb planting
- Wildflower meadow grassland and dry attenuation basins (south) - overseeding to be Germinal RE4 Lowland limestone or (CG2 Grassland) or WFG5 Calcareous Soils or similar (tbc by Ecologist)
- Hedge/treeline grassland ecotone- Germinal WFG8 hedgerows and shaded areas or similar
- Species rich grassland - mix to suit site conditions to be confirmed by ecologist
- Permanently wet attenuation basins to be sown with Germinal WFG9 wetland and pond areas, or similar
- Marginal planting - to edges of permanently wet attenuation basins
- Amenity Grass
- 2m wide timber edged hoggin gravel footpath
- 3m wide tarmac cycleway
- Retaining walls to attenuation basins
- Timber bollards
- Fitness trail - Variety of fitness equipment providing a range of different exercises
- Proposed Willow Den
- Picnic Benches- To be hardwood timber 4 person picnic bench in ground fixed or similar approved
- Litter Bins- To be timber with stainless steel frame in ground fixed or similar approved
- Dog waste bin- To be stainless steel Dog Bin powder coated green or similar approved
- 1.2m high black estate railing
- 1.1m high black vertical railings
- 0.4m high timber knee rail

ON PLOT

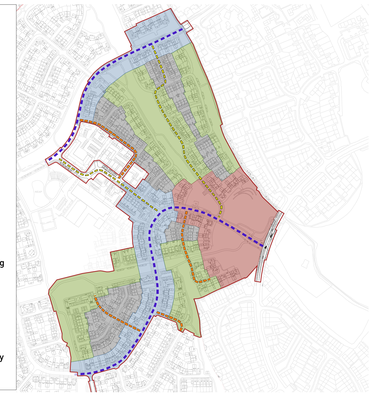
- On plot feature tree planting
- On plot tree planting
- Specimen shrub planting
- Ornamental hedgerow
- Ornamental shrub/herbaceous planting
- Amenity grass
- Areas of ornamental gravel
- Visibility splay

Street Hierarchy

- Primary Street
- Secondary Street
- Tertiary Street

Character areas

- Primary Street
- Neighbourhood Housing
- Green Edge
- Long Chaulden Gateway



SUGGESTED SPECIES LIST- ON PLOT

FEATURE TREE PLANTING

Species	Form	Girth	Height cm	Clear Stem	Root Condition
Acer campestre 'Streetwise'	Extra Heavy Standard	14-16	425-600cm	Min 200cm	75L
Amelanchier arborea 'Robin Hill'	Extra Heavy Standard	14-16	425-600cm	Min 200cm	75L
Carpinus betulus 'Frans Fontaine'	Extra Heavy Standard	14-16	425-600cm	Min 200cm	75L
Prunus avium 'Plena'	Extra Heavy Standard	18-20	Min 650cm	Min 200cm	75L
Sorbus aucuparia 'Sheerwater Seedling'	Extra Heavy Standard	14-16	425-600cm	175-200cm	75L

STREET TREE PLANTING (SECONDARY AND TERTIARY STREETS)

Species	Form	Girth	Height cm	Clear Stem	Root Condition
Amelanchier arborea 'Robin Hill'	Extra Heavy Standard	14-16	425-600cm	Min 200cm	75L
Betula pendula	Extra Heavy Standard	14-16	425-600cm	Min 200cm	75L
Betula pendula (multi)	Multi-Stem (3 stems)	-	300-350cm	-	75L
Carpinus betulus	Extra Heavy Standard	14-16	425-600cm	Min 200cm	75L
Magnolia x loebneri 'Leonard Messel'	Extra Heavy Standard	14-16	425-600cm	175-200cm	75L
Magnolia 'Stellata'	Extra Heavy Standard	14-16	425-600cm	175-200cm	75L
Malus 'Evereste'	Extra Heavy Standard	14-16	425-600cm	175-200cm	75L
Malus trilobata	Extra Heavy Standard	14-16	425-600cm	175-200cm	75L
Prunus avium	Extra Heavy Standard	14-16	425-600cm	175-200cm	75L
Prunus padus	Extra Heavy Standard	14-16	425-600cm	175-200cm	75L
Pyrus calleryana 'Chanticleer'	Extra Heavy Standard	14-16	425-600cm	175-200cm	75L

ORNAMENTAL HEDGEROW PLANTING (ON PLOT)

To be planted at 7/linear metre, in a double staggered single row, 0.4cm offset between the rows.

Species	Height/ Spread cm	Form	Pot Size
Buxus sempervirens	40-60	Bushy	10-12L
Carpinus betulus	40-60	Bushy	10-12L
Escallonia 'iveyi'	40-60	Bushy	3L
Ligustrum ovalifolium	40-60	Branched	3L
Olearia haastii	40-60	Bushy	10-12L
Photinia fraseri 'Red Robin'	40-60	Branched	10-12L
Viburnum tinus 'Eve[illegible]'	40-60	Bushy	10-12L

For suggested public open space plant lists refer to P16-0587_25 Sheet 1 of 2

ON PLOT SHRUB/HERBACEOUS PLANTING- PRIMARY STREET

Species	Height/ Spread cm	Habit	Root Condition	Planting Density /m²
Achillea millefolium	-	-	2L	6
Bergenia cordifolia 'Purpurea'	-	-	2L	6
Choisya 'Aztec Pearl'	30-40	Bushy	3L	4
Cistus 'Silver pink'	30-40	Bushy	3L	4
Euonymus fortunei 'Emerald Gaiety'	30-40	Bushy	3L	4
Gaura lindheimeri 'Whirling Butterflies'	-	-	2L	6
Geranium macrorrhizum 'Album'	-	-	2L	6
Hebe albicans	30-40	Bushy	3L	4
Hebe albicans 'Red Edge'	30-40	Bushy	3L	4
Heuchera 'Plum Pudding'	-	-	2L	6
Ilex aquifolium 'Silver Queen'	80-100	Leader with laterals	12L	Counted
Osmanthus x burkwoodii	30-40	Bushy	3L	4
Philadelphus 'Belle Etoile'	30-40	Branched	3L	4
Rosa 'Kent'	30-40	Branched	3L	4
Sarcococca humilis	30-40	Bushy	3L	4
Sedum 'Rose Glow'	-	-	2L	6
Skimmia japonica 'Kew White'	30-40	Bushy	3L	4
Skimmia japonica 'Rubella'	30-40	Bushy	3L	4
Spirea japonica 'Anthony Waterer'	30-40	Bushy	3L	4
Viburnum opulus 'Roseum'	80-100	Branched	12L	Counted
Vinca minor 'Alba'	-	-	2L	6

ON PLOT SHRUB/ HERBACEOUS PLANTING- NEIGHBOURHOOD HOUSING

Species	Height/ Spread cm	Habit	Root Condition	Planting Density /m²
Ceanothus x corbariensis	30-40	Bushy	3L	4
Ceanothus 'Blue Mound'	30-40	Bushy	3L	4
Ceanothus thyrsiflorus 'Repens'	30-40	Bushy	3L	4
Cercis siliquastrum	80-100	Branched	12L	Counted
Cistus purpureus	30-40	Bushy	3L	4
Choisya ternata	30-40	Bushy	3L	4
Echinops bannaticus 'Taplow Blue'	-	-	2L	6
Erysimum cheiranthus	-	-	2L	6
Geranium 'Johnsons Blue'	-	-	2L	6
Hebe 'Midsummer Beauty'	30-40	Bushy	3L	4
Hydrangea 'Blue Wave'	30-40	Branched	3L	4
Laurus nobilis	80-100	Leader with laterals	12L	Counted
Lavandula angustifolia 'Munstead'	30-40	Bushy	3L	4
Lonicera maackii	-	-	2L	6
Nepeta x faassenii	-	-	2L	6
Olearia haastii	30-40	Bushy	3L	4
Pachysandra terminalis	30-40	Bushy	3L	4
Perovskia atriplicifolia 'Little Spire'	-	-	2L	6
Prunus laurocerasus 'Zabeliana'	30-40	Bushy	3L	4
Sarcococca humilis	30-40	Bushy	3L	4

ON PLOT SHRUB/HERBACEOUS PLANTING- GREEN EDGE

Species	Height/ Spread cm	Habit	Root Condition	Planting Density /m²
Ajuga reptans	-	-	2L	6
Alchemilla mollis	-	-	2L	6
Amelanchier lamarckii	80-100	Branched	12L	Counted
Bergenia cordifolia 'Bressingham White'	-	-	2L	6
Ceanothus 'Autumnal Blue'	30-40	Bushy	3L	4
Cornus alba 'Sibirica Variegata'	30-40	Bushy	3L	4
Cornus florida	80-100	Bushy	12L	Counted
Deschampsia cespitosa 'Goldtau'	-	-	2L	6
Echinops bannaticus 'Taplow Blue'	-	-	2L	6
Euonymus fortunei 'Silver Queen'	30-40	Bushy	3L	4
Geranium 'Brookside'	-	-	2L	6
Geranium macrorrhizum 'Album'	-	-	2L	6
Hebe rakaiensis	30-40	Bushy	3L	4
Lavandula angustifolia 'Hidcote'	30-40	Bushy	3L	4
Liriope muscari 'Munro White'	-	-	2L	6
Luzula sylvatica	-	-	2L	6
Pennisetum alopecuroides 'Hameln'	-	-	2L	6
Perovskia atriplicifolia 'Little Spire'	-	-	2L	6
Prunus laurocerasus 'Otto Luyken'	30-40	Bushy	3L	4
Rosmarinus officinalis 'Severn Sea'	30-40	Bushy	3L	4
Salvia sylvestris 'May Night'	-	-	2L	6
Skimmia confusa 'Kew Green'	30-40	Bushy	3L	4
Spirea nipponica 'Snowmound'	30-40	Bushy	3L	4
Stachys byzantina 'Silver Carpet'	-	-	2L	6
Stipa gigantea	-	-	2L	6
Stipa tenuissima	-	-	2L	6
Verbena bonariensis 'Lollipop'	-	-	2L	6
Vinca minor 'Atropurpurea'	-	-	2L	6

ON PLOT SHRUB/ HERBACEOUS PLANTING- LONG CHAULDEN GATEWAY

Species	Height/ Spread cm	Habit	Root Condition	Planting Density /m²
Allium amplectens 'Graceful Beauty'	-	-	2L	6
Achillea millefolium	-	-	2L	6
Brachyglottis 'Sunshine'	30-40	Bushy	3L	4
Carex 'Evergold'	-	-	2L	6
Cistinus coggygria 'Royal Purple'	80-100	Bushy	12L	Counted
Cornus sanguinea 'Midwinter Fire'	30-40	Branched	3L	4
Cornus sericea 'Kelseyi'	30-40	Branched	3L	4
Cornus sericea 'Flaviramea'	30-40	Branched	3L	4
Deschampsia cespitosa 'Goldtau'	-	-	2L	6
Echinacea purpurea 'White Swan'	-	-	2L	6
Forsythia x intermedia 'Lynwood Variety'	80-100	Branched	12L	Counted
Geranium macrorrhizum 'White Ness'	-	-	2L	6
Hebe odora	30-40	Bushy	3L	4
Heuchera 'Lime Marmalade'	-	-	2L	6
Hypericum 'Hidcote'	30-40	Bushy	3L	4
Lavandula angustifolia 'Artic Snow'	30-40	Bushy	3L	4
Luzula sylvatica	-	-	2L	6
Mahonia aquifolium 'Apollo'	30-40	Branched	3L	4
Rosa 'Hertfordshire'	30-40	Bushy	3L	4
Rudbeckia 'Early Bird Gold'	-	-	2L	6
Pachysandra terminalis 'Green Carpet'	30-40	Bushy	3L	4
Pittosporum tenuifolium 'Golf Ball'	30-40	Bushy	3L	4
Santolina chamaecyparissus	30-40	Bushy	3L	4
Sambucus racemosa 'Sutherland Gold'	30-40	Branched	3L	4
Stipa tenuissima	-	-	2L	6
Viburnum davidii	30-40	Bushy	3L	4
Vinca minor 'Gertrude Jekyll'	20-30	Bushy	3L	5

Note: all planting should avoid man-made grids and lines, and should group species together in groups of 5-7 plants

Revisions:
First Issue- 14/09/2017 LCH
A- (24/01/2018 LCH) Updated redline boundary
B- (21/06/2018 ASK) Revised site layout, landscape amended to suit

Strategic Landscape Masterplan

LA3 Phase 1, Land West of Hemel Hempstead

Sheet 2 of 2

Client: Taylor Wimpey and Barratt Homes

DRWG No: **P16-0587_25** Sheet No: **2** REV: B

Drawn by : LCH Approved by: RVF

Date: 21/06/2018

Scale: 1:500 @ A0

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