



PLANTING SCHEDULE

Tree schedule							
Species	Drawing ref	Common name	Tree size	Girth cm	Height in m	Root stock	Quantity (no)
Acer campestre	Ac	Field maple	SS	10-12	3.0-3.5	RB	5
Betula jacquemontii 'Doorenbos'	Bj	West Himalayan Birch 'Doorenbos'	SS	10-12	3.0-3.5	RB	4
Malus sylvestris	M	Star magnolia	15l pot	8-10	2.5-3.0	RB	1
Prunus serotina	Ps	Tibetan cherry	RS	8-10	2.5-3.0	RB	5
Sorbus aucuparia	Sa/M	Mountain ash	RS	10-12	3.0-3.5	RB	6
Salix alba	Sa	Willow, white	RS	10-12	3.0-3.5	RB	1

All trees to have clear stems to 1.8m above ground level and 2.0m above ground level for extra heavy standard trees with well-developed branching heads with a single, central leader and healthy, fibrous root systems. Trees shall be planted into pits of an appropriate size to accommodate the root system without restriction, backfilled with subsoil (to BS6001: 2013) to 30 cm from the top of the pit and 3:1 topsoil (to 'multipurpose' BS3882: 2015) compost mix to fill the pit; soils to be firmed around the roots to remove any significant voids. The tree shall be secured to a machine-rounded stake using 1 no. tree tie with rubber spacer. Finished height of stake shall not exceed 1/3 height of staked tree above ground.

Green Wall planting			
Name	Common name	Pot (l)	Quantity (No)
GREEN WALL TYPE 1			
Brick wall boundary 1.8m high			
Lonicera periclymenum 'Chic et Choc'	Honeysuckle	5	2
Clematis armandii	Evergreen Clematis	5	2
Rosa Mme. Alfred Carrière	Climbing rose	5	1
GREEN WALL TYPE 2			
Brick & fence panel boundary 1.8m high			
Trachelospermum jasminoides	Chinese Ivy	3	2
Lonicera periclymenum 'Graham Thomas'	Honeysuckle	3	4
Hedera helix	Common Ivy	5	2
Rosa 'Gertrude Jekyll'	English climbing rose	5	1

Low maintenance planting mix - Shrubs				
Name	Common name	Pot (l)	Density (no/m2)	Quantity (No)
Choisya ternata	Mexican orange	3	3	8
Cytisus x praecox 'Allgold'	Broom 'Allgold'	3	5	34
Cytisus andreaus 'Splendens'	Broom 'Splendens'	3	5	4
Hebe brachysiphon 'White Gem'	Hebe 'White Gem'	2	6	3
Hebe 'Great Orme'	Hebe	3	5	2
Hebe 'Purple Queen' syn 'Amy'	Shrubby Veronica	3	5	6
Hydrangea 'Blue Wave'	Hydrangea 'Blue Wave'	3	3	13
Hydrangea 'Vanille fraise'	paniculate hydrangea 'Vanille Fraise'	3	3	3
Lavandula angustifolia 'Hidcote'	English Lavender 'Hidcote'	1	8	10
Mahonia eurybracteata subsp ganpinensis 'Soft Caress'	Oregon grape 'Soft Caress'	2	3	9
Paeonia emodi	Late Windflower	rhizome	5	9
Phlomis italica	Balearic island sage	3	5	3
Philadelphus 'Manteau D'Hermine'	Mock orange	5	3	36
Potentilla 'Red Ace'	Shrubby cinquefoil 'Red Ace'	3	3	13
Philadelphus fruticosus (Sulphureus Group) 'Elizabeth'	shrubby cinquefoil 'Elizabeth'	3	3	6
Skimmia japonica 'Rubella'	Japanese Skimmia 'Rubella'	3	3	46

GENERAL PLANTING NOTES

PROTECTION OF EXISTING VEGETATION

Existing vegetation to be retained on site shall be protected where necessary during works by 2300mm high mesh panel fencing secured to a scaffold tubing framework with fluorescent tape to the top rail. Protective fencing shall be erected on the canopy drip line wherever possible. Laminated, waterproof A4 signs shall be fixed to the fence posts at 10m intervals bearing the word

'PROTECTED TREE ZONE - NO STORAGE OR OPERATIONS WITHIN FENCED AREA'.

Tracking of machinery, storage of chemicals and building materials shall not be permitted within the protected area. Leaks or spills should be removed immediately, and the contaminated soil replaced. No bonfires shall be lit within 5m of the canopy spread. Any excavation works beneath the canopy spread shall be carried out by hand.

All works affecting trees within the development shall be subject to BS 5837:2012.

NATIVE SPECIES PLANTING

All plant material shall conform to BS3936 Parts 1 and 4 and BS4428. Transplants to be planted into prepared ground, containing a minimum depth of 450mm depth topsoil complying with BS3882:1994 and incorporating organic matter and slow release fertiliser. Organic matter to be proprietary shrub planting compost, or approved compost derived from recycled organic matter. Slow release fertiliser to be 'Enmag' or similar. Hedge to be planted in double staggered rows 500mm apart at 4/m2 into 300x300x300mm pits backfilled with 3:1 topsoil:compost mix. Finished planting area to be dressed with 50mm depth of coarse forest bark mulch.

TURFING TO FRONTAGES

The topsoiled area to be turfed, is to be graded and cross graded to even running falls, to allow the finished level of the turf to be 40mm above adjoining paved areas. The surface should be lightly and uniformly firmed by rolling or treading, and reduced to a fine tilt up to 25mm in depth. All rubbish, stones greater than 50mm diameter etc., shall be removed from the surface. Apply an even application of approved fertiliser at a rate of 70g/m and rake in. No turves shall be laid in exceptionally dry or frosty weather or in other unsuitable weather conditions. The turves should be laid off planks, working other turves previously laid. A dressing of finely sifted topsoil (complying with BS 3882) should be applied to the laid turf and brushed well into the joints. Water the turves to prevent drying out before establishment.

AMENITY GRASS SEEDING

150mm depth of topsoil complying with BS3882 to be spread to area and pre-seed fertiliser to be applied at 50g/m2. Soil to be cultivated using a disc harrow or rotavator, to a depth of 50mm depth then further cultivated and rolled to produce a firm seed bed. Low maintenance grass seed mix such as British Seed Houses A22 mix to be sown at 35g/m2 within the Public Open Space areas.

SHRUB SCHEDULE

All shrub material shall be first quality, sturdy, well rooted non-refrigerated stock with well branched heads and fibrous root systems. Shrubs shall be planted into 450mm good quality fibrous topsoil incorporating organic compost and slow release fertiliser in accordance with all good horticultural practice.

All plant material shall be a minimum of 3 litre pot sizes unless otherwise specified and conform to BS3936 Part 1 and BS 428. Finished beds shall be lightly forked over and dressed with 50mm coarse forest bark mulch.

Shrubs general description

Mix of evergreen and deciduous shrubs will be planted throughout the site to give enclosure and structure to the development. Medium / large species will be planted against screen fences and walls and medium low mixes will be planted into front gardens, cul de sacs and around parking areas.

TREES

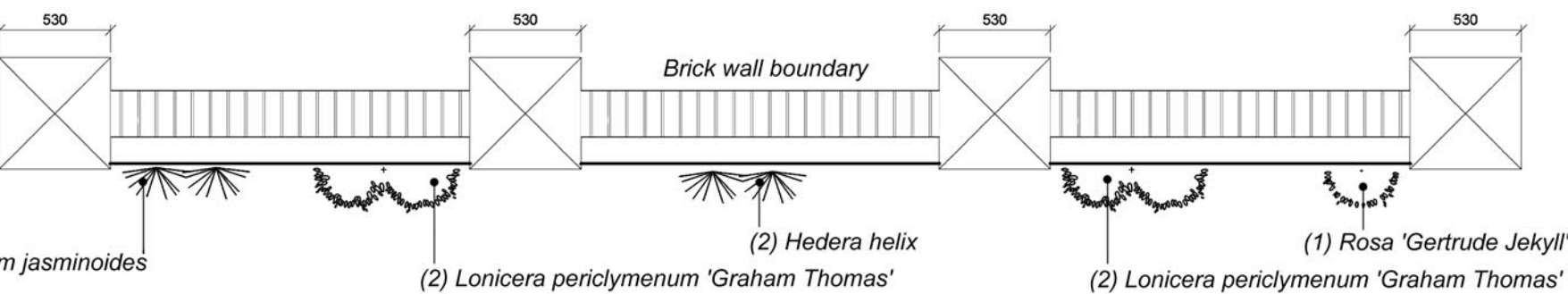
All trees to have clear stems to 1.8m above ground level with well developed branching heads with a single, central leader and healthy, fibrous root systems. Trees shall be planted into pits of an appropriate size to accommodate the root system without restriction, backfilled with a 3:1 Topsoil:compost mix and shall be secured to a machine rounded stake using 1no. tree tie with rubber spacer. Finished height of the stake shall not exceed 1/3 height of staked tree above ground. Foundation design of new building shall accommodate proposed tree planting in accordance with NHBC guidelines.

Tree note - general description

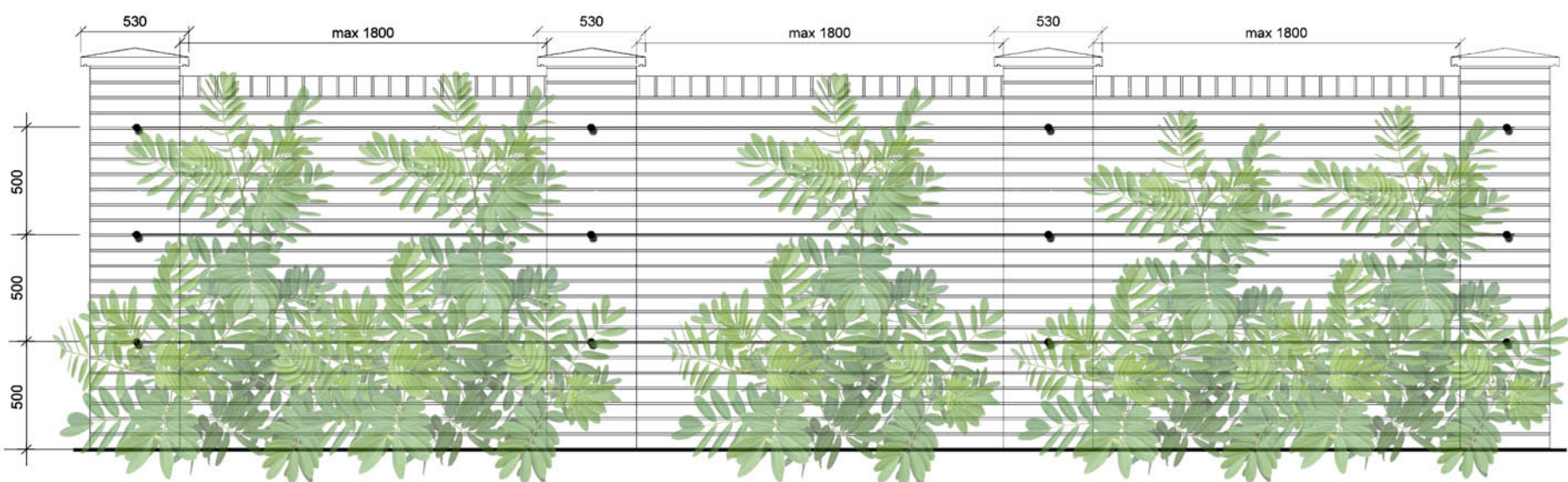
Extensive planting of trees throughout the development will create a structure to the site and an extensive canopy on maturity, breaking up the building line from outside the site. Planting of extra heavy standard trees along the access road will give early structure and maturity to the scheme. Foundation design of new buildings shall accommodate proposed tree planting in accordance with NHBC guidelines.

PROPOSED LANDSCAPE PLAN scale 1:200

LEGEND	
Landscape	
	Application boundary
	Proposed Tree
	Low maintenance planting mix
	Turfed areas
Finishes	
	herringbone pattern brindle brick pavers
	pcc paving 600x900
	bit mac
	drained small stone/ pea gravel
	Green wall Type 1 1.8m high Brick wall with stainless steel tension wire trellis
	Green wall Type 2 1.8m high concrete posts and close boarded timber fence panel with galvanised trellis wires and hooks
	External Waste and Recycling Storage.
	4 m washing line
	single Sheffield cycle stand
	8no dwelling bin collection point
	new lighting column
	individual dwelling bin collection point



PROPOSED PLAN - Not to scale

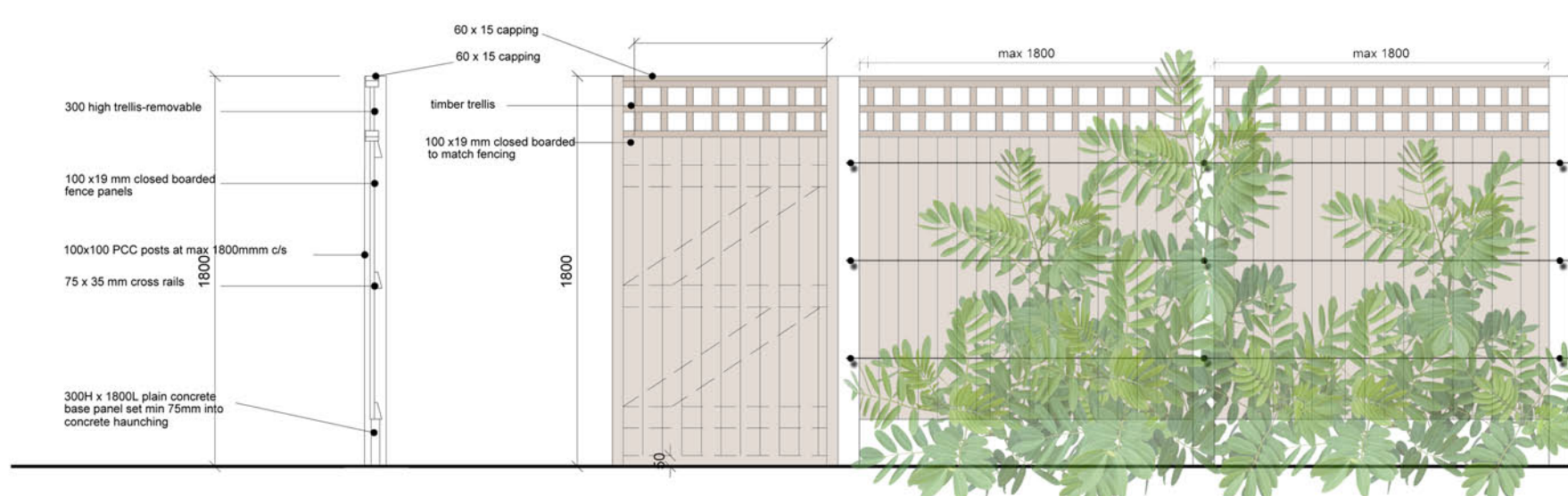


PROPOSED ELEVATION - Not to scale GREEN WALL TYPE 1

Green Wall stainless steel trellis system.

Specification
3no x 6m
Wire rope manufactured from high tensile, high quality AISI 316 stainless steel grade 1.4401 in fully austenitic condition to give maximum corrosion resistance.
12no trellis hubs
Manufactured from high quality 316 grade solid stainless steel bar with a high quality finish.
Supplier
<https://www.s31.co.uk/>

PROPOSED PLAN - Not to scale



PROPOSED ELEVATION - Not to scale GREEN WALL TYPE 2

Green Wall galvanised steel wire trellis system.

Specification
Garden Wire Galvanised Multi Purpose
1.2mm x 25m 70235C
9 no x 7.5cm Zinc plated rigid screw vine eyes.
• Fix to fence posts and run wire between to support climbing plants
• Use twine or plant rings to tie plants in
• Ideal for supporting climbers or wall shrubs by tying stems or branches to the wires at suitable intervals.

D	Landscape amended to reflect updated site layout	15/07/21	GS
C	Landscape amended to include additional trees of new proposals plan	26/03/20	GS
B	Landscape amended to reflect new proposed layout and boundary treatments	24/03/20	GS
A	Proposed wildflower grass mix amended	04/11/19	GS
rev	description	date	by

Revisions

Date:	16.12.2019	Drawn By:	GS
Scale:	1:200 @ A1	Checked:	GS
Status:	PLANNING	Approved:	DH
Drawing No.	SE0892-01	Rev.	D

Biora

63A King Street, Knutsford, Cheshire, WA16 6DX
Phone: 01565 755 337 Website: www.bioragroup.com

Client Name: **MSV HOUSING**

Project Title: **ABBEY HEY LANE , BATTERSBY ST, OPENSHAW , MANCHESTER**

Drawing Title: **LANDSCAPE PROPOSAL**