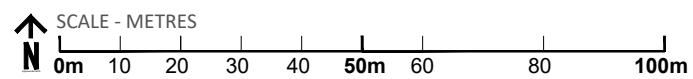


Soft Landscape Layout 1 of 3

Soft Landscape Layout 2 of 3

Soft Landscape Layout 3 of 3



FOR PLANNING

Chapel Hill, Longridge, Lancashire

**Soft Landscape
(Key to General Layout
Plans)**

SCALE: 1:1250 @ A3 DATE: Sept 24

DRAWING: M718/CHLP/LAND/01





KEY

General

- Proposed Development Footprint

Existing Trees and Vegetation

- Existing Trees (Site and Off-site Trees)

Proposed Trees, Hedges and Vegetation

- Standard Trees (See Schedules)
- Ornamental Planting
- Single Species Hedging (See Annotation and Schedules)
- Mixed Species Native Hedging (See Annotation and Schedules)
- Aquatic Marginal Planting
- Species Rich Wildflower Mixture. (EM1 by Emorsgate Seeds)
- Amenity Grass

Tree Root Barrier

Tree Root Barrier
By Green Blue Urban (or similar) to be used to protect existing and proposed services and hard-standing and building foundations. Location and depth of product be continually reviewed and developed up to and during construction phase with engineering and M&E design. Depth of barrier to suit depth of construction, service or foundation.

FOR PLANNING

Chapel Hill, Longridge, Lancashire

Soft Landscape General
Layout Plan (2 of 3)

SCALE: 1:500 @ A3 DATE: Sept 24

DRAWING: M718/CHLP/LAND/03





KEY

General

Proposed Development Footprint

Existing Trees and Vegetation

Existing Trees
(Site and Off-site Trees)

Proposed Trees, Hedges and Vegetation

Standard Trees
(See Schedules)

Ornamental Planting

Single Species Hedging
(See Annotation and Schedules)

Mixed Species Native Hedging
(See Annotation and Schedules)

Aquatic Marginal Planting

Species Rich Wildflower Mixture.
(EM1 by Emorsgate Seeds)

Amenity Grass

Tree Root Barrier

Tree Root Barrier
By Green Blue Urban (or similar) to be used to protect existing and proposed services and hard-standing and building foundations. Location and depth of product be continually reviewed and developed up to and during construction phase with engineering and M&E design. Depth of barrier to suit depth of construction, service or foundation.

FOR PLANNING

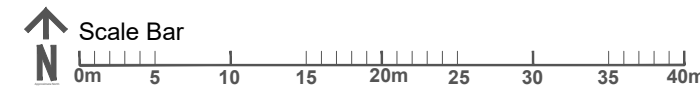
Chapel Hill, Longridge, Lancashire

Soft Landscape General
Layout Plan (3 of 3)

SCALE: 1:500 @ A3

DATE: Sept 24

DRAWING: M718/CHLP/LAND/04



Planting Schedules

Standard Tree Planting Schedule

Drawing Code	Name	Form	Age	Girth (cm)	Height (cm)	Clear stem (cm)	Root condition	Breaks	Nr of Trees
Ac	<i>Acer campestre</i>	Standard (extra heavy)	3x	12-14	350-425	175-200	RB	5	13
Ag	<i>Alnus glutinosa</i>	Standard (extra heavy)	3x	12-14	350-425	175-200	RB	5	4
Bpe	<i>Betula pendula</i>	Standard (extra heavy)	3x	12-14	350-425	175-200	RB	5	2
Bp	<i>Betula pubescens</i>	Standard (extra heavy)	3x	12-14	350-425	175-200	RB	5	5
Cm	<i>Crataegus monogyna</i>	Standard (extra heavy)	3x	12-14	350-425	175-200	RB	5	4
CmS	<i>Crataegus monogyna 'Stricta'</i>	Standard (extra heavy)	3x	12-14	350-425	175-200	RB	5	5
Ms	<i>Malus sylvestris</i>	Standard (extra heavy)	3x	12-14	350-425	175-200	RB	5	3
Sa	<i>Sorbus aucuparia</i>	Standard (extra heavy)	3x	12-14	350-425	175-200	RB	5	7
Tc	<i>Tilia cordata</i>	Standard (extra heavy)	3x	14-16	425-600	175-200	RB	5	12
Ps	<i>Pinus sylvestris</i>	Leader and Laterals	4x		175-200		RB		4
Pa	<i>Prunus avium</i>	Standard (extra heavy)	3x	12-14	350-425	175-200	RB	5	2
Pp	<i>Prunus padus</i>	Standard (extra heavy)	3x	12-14	350-425	175-200	RB	5	4
Qr	<i>Quercus robur</i>	Standard (extra heavy)	3x	12-14	350-425	175-200	RB	5	9
Total									74

Mixed Species Native Hedgerow Planting Schedule

Plant name	Common Name	Height (cm)	Root Condition	Number of times Transplant (min)	Form	Length (lin.m)	Total Plants/ lin.m	Total No. Plants
<i>Hedgerows (Double staggered row. 5 per m)</i>								
<i>Corylus avellana</i>	Hazel	60-80	B	1+1	Branched	6	5	30
<i>Crataegus monogyna</i>	Hawthorn	60-80	B	1+1	Transplant	84	5	420
<i>Lonicera periclymenum</i>	Common Honeysuc	30-40	C (1L)		Sev. Shoots	2	5	10
<i>Ilex aquifolium</i>	Holly	60-80	B	1+1	Leader and laterals	12	5	60
<i>Rosa canina</i>	Dog Rose	40-50	B	1+0 or 1/1	Branched	3	5	15
<i>Viburnum opulus</i>	Gulder Rose	60-80	B	1+1	Branched	3	5	15
Total						110		550
<i>Planting Species as Recommended by Consultant Ecologist.</i>								
<i>Hedging plants to be evenly spaced throughout the hedgerow in groups of 3 and 5</i>								
<i>Hedging plants to be evenly spaced and planted at approximately 1 plant every 3 metres of hedging</i>								

Single Species Hedgerow Planting Schedule

Drawing Code	Plant name	Height (cm)	Root Condition	Number of times Transplant	Size (L)	Habit	Breaks	Density/ lin m	Length (m)	Total No. Plants
<i>Hedgerows (Double staggered row)</i>										
Cb	<i>Carpinus betulus</i>	60-80	B	1+1 or 1/1				5	57	285
Cd	<i>Choisya x dewitteana 'White Dazzler'</i>	30-40	C		3L	Bushy	4	5	41	205
Ej	<i>Euonymus japonicus 'Jean Hugues'</i>	30-40	C		3L	Branched	4	5	9	45
EDS	<i>Excallonia 'Donald Seeding'</i>	30-40	C		3L	Bushy	4	5	13	65
EI	<i>Excallonia 'Iveyi'</i>	30-40	C		3L	Bushy	4	5	16	80
GI	<i>Griselinia littoralis</i>	30-40	C		3L	Bushy	4	5	52	260
Ia	<i>Ilex aquifolium</i>	60-80	B/C			Leader and laterals		5	55	275
Sj	<i>Skimmia japonica 'Rubella'</i>	30-40	C		3L	Bushy	3	5	24	120

Aquatic Marginal Planting Schedule

Plant Name	Common Name	Root condition	Size	Propagat ion	Planting Mix (m2)	Density (m2)	Total Number Plants
<i>Juncus inflexus</i>	Hard rush	C	1L	V	25	2	50
<i>Caltha palustris</i>	Marsh Marigold	C	1L	V	25	2	50
<i>Myosotis scorpioides</i>	Water forget-me-not	C	1L	V	25	2	50
<i>Metha aquatica</i>	Water mint	C	1L	V	25	2	50
<i>Potentilla palustris</i>	Marsh cinquefoil	C	1L	V	25	2	50
<i>Iris pseudacorus</i>	Yellow flag	C	1L	V	25	2	50

Shrub Planting Schedule

Plant name	Height (cm)	Root Condition	Size (L)	Habit	Breaks	Planting Mix (m2)	Density (per m2)	Total Number Plants
<i>Euonymus fortunei 'Emerald Gaiety'</i>	20-30D	C	3L	Bushy	7	3	3	9
<i>Euonymus fortunei 'Silver Queen'</i>	20-30D	C	3L	Bushy	3	3	3	9
<i>Hebe pinguifolia 'Pagei'</i>	30-40	C	3L	Bushy	5	3	3	9
<i>Hydrangea macrophylla 'Mariesii'</i>	40-60	C	5L	Branched	5	4	3	12
<i>Lavendula 'Hidcote'</i>	20-30	C	3L	Bushy	5	5	3	15
<i>Mahonia japonica</i>	30-40	C	3L	Branched	2	3	3	9
<i>Nandina domestica 'Gulfstream'</i>	20-30	C	3L	Several shoots		4	3	12
<i>Potentilla fruticosa 'Abbotswood'</i>	20-30	C	3L	Bushy	4	3	3	9
<i>Rosa 'Kent'</i>	40-60	C	3L	Bushy		6	3	18
<i>Rosmarinus officinalis 'Miss Jessopps's Upright'</i>	30-40	C	3L	Branched	4	3	3	9
<i>Skimmia japonica</i>	30-40	C	3L	Bushy	3	5	3	15
<i>Viburnum x juddii</i>	20-30	C	3L	Branched	5	3	3	9
		Totals				45		135

Herbaceous/ Perennial Planting Schedule

Plant Name	Root condition	Size	Propagation	Planting Mix (m2)	Density (m2)	Total Number Plants
<i>Alchemilla mollis</i>	C	1L	S	7	6	42
<i>Anemanthele lessoniana</i>	C	1L	V	7	6	42
<i>Anemone x hybrida 'Honorable Jobert'</i>	C	1L	V	7	6	42
<i>Aquilegia vulgaris</i>	C	1L	S	5	6	30
<i>Astilbe 'Deutschland'</i>	C	1L	S	7	6	42
<i>Astrantia major 'Hudspen Blood'</i>	C	1L	V	7	6	42
<i>Bergenia 'Beethoven'</i>	C	1L	V	5	6	30
<i>Bergenia 'Silberlicht'</i>	C	1L	V	5	6	30
<i>Brunnera macrophylla</i>	C	1L	V	7	6	42
<i>Campanula glomerata</i>	C	1L	V	7	6	42
<i>Carex ornithopoda 'Variegata'</i>	C	1L	V	7	6	42
<i>Deschampsia cespitosa</i>	C	1L	V	5	6	30
<i>Euphorbia amygdaloides 'Robbiae'</i>	C	1L	V	7	6	42
<i>Geranium macrorrhizum</i>	C	1L	V	7	6	42
<i>Geranium Rozanne</i>	C	1L	V	7	6	42
<i>Geranium 'Wargrave Pink'</i>	C	1L	S	5	6	30
<i>Hakonechloa macra</i>	C	1L		7	6	42
<i>Heuchera 'Plum Pudding'</i>	C	1L	S or V	7	6	42
<i>Iris sibirica 'Tropic Night'</i>	C	1L	V	5	6	30
<i>Molinia caerulea 'Edith Dudsus'</i>	C	1L	V	7	6	42
<i>Origanum vulgare 'Aureum'</i>	C	1L	S	5	6	30
<i>Persicaria affinis 'Superba'</i>	C	1L	S or V	15	6	90
<i>Pulmonaria officinalis 'Sissinghurst White'</i>	C	1L	V	7	6	42
<i>Salvia officinalis 'Purpurascens'</i>	C	1L	V	5	6	30
<i>Sedum spectabile 'Brilliant'</i>	C	1L	V	5	6	30
<i>Stipa tenuissima</i>	C	1L	S or V	5	6	30
		Totals		170		1020

Bulb Planting Schedule

Plant Name	Form	Grade	Density/m2	% of Area	Area	Number of Bulbs
<i>Anemone nemorosa</i>	Bulb	5/6	15	10	350	525
<i>Fritillaria meleagris</i>	Bulb	5/6	15	10	350	525
<i>Galanthus nivalis</i>	Bulb	5/6	15	10	350	525
<i>Hyacinthoides non-scripta</i>	Bulb	8/9	15	30	350	1575
<i>Narcissus pseudonarcissus</i>	Bulb	10./12	15	40	350	2100

FOR PLANNING


Chapel Hill, Longridge, Lancashire

Planting Schedules

SCALE: NTS

DATE: Sept 24

DRAWING: M718/CHLP/LAND/05



Planting Specification

Trees and shrubs planted shall comply with BS.3936 (Specification of Nursery Stock) and shall be planted in accordance with BS.4428 (General Landscape Operations) and BS8545:2014 ' Trees from nursery to dependence in the Landscape'. New trees to have a UK Plant Passport.

Engineer to refer to soft landscape proposals when undertaking drainage and foundation design. Contractor to familiarize themselves with location of underground services using routing plans, CAT scans and onsite survey prior to planting and excavations.

Bare root and root-balled stock to be planted in the dormant season.
All planting stock to be clearly labelled on delivery with the full botanical name. Plant stock to be approved prior to delivery to site and planting and trees be set out by Landscape Architect. All topsoil to be of good quality AS-DUG in accordance with BS 3882:2015. Depths of topsoil (Turf -150mm), (Shrubs- 300mm), Hedgerows (350mm) over free draining subsoil. Minimal topsoil coverage to be used on areas to be seeded and managed for wildflowers and wild-grasses. Use thin layer of topsoil only to provide initial seed bed if required.

Organic soil improvement compost to be dug into all planting areas and used at 1cubic m per 10m2. All planting beds to be mulched in 75mm depth medium grade bark mulch immediately after planting. Allow 50mm clearance of mulch around stem. Any imported soil, growing medium or compost shall be free of peat.

If very wet or very dry conditions are found in proposed planting areas the landscape architect shall review planting locations and/or species.

Tree pits to be dug 400mm larger than rootball in any direction. Side and base of pit to be forked over to aid drainage help root establishment. Tree pit to be back-filled with a mix of:

- 1 part 'Melcourt topgrow' (or similar) peat free, tree planting compost;
- Mycorrhizal Fungi; and
- 3 parts good quality, as dug sub and top soils to similar profiles as existing (Preferably use the excavated soil if of suitable quality and free draining) .

Minimum 1m2 area surrounding tree to be level (cut into bank on sloping ground). Medium grade bark mulch to be placed at the base of each trees to a depth of 75mm. Mulch to be maintained at size and depth for at least two growing seasons.

Tree Stakes

3no. stakes and 3no. hessian/ rubber ties system to be used on each tree. Stakes to be 75mm diameter tanalised softwood, pointed at one end. Top of stake to be 600mm above ground level . Stakes to be driven firmly into ground, position stakes at time of planting. Stake to remain in place until trees have a strong upright form. If ties are adjusted regularly the stake can remain in place until it rots off.

Tree Irrigation

Monitor trees in growing season and provide water to ensure healthy establishment. Tree irrigation system (for example 'RootRain' Urban by Green, Blue Urban) to be provided to all trees. Trees to be watered during the first three growing seasons. Watering to be based on weather and ground conditions. As a general guide, 75L of water to be provided to each tree every 2 weeks.

Alternatively use 75L Treegator Watering Bag by Green Tech to provide slow release of water to new planted trees. Ensure bags are regularly topped up with water, checking every two weeks. Also check bag is in good condition and not effecting tree health or tree growth. Use bags for at least 2 years, reposition or replace bag if required.


Any queries in relation to planting schedules, layout or planting stock to be raised with Landscape Architect.

Suitable tree root barriers to be used on boundaries with hard-standing, walling, services, proposed and existing buildings.

Maintenance of Species Rich Grassland and Meadows

Meadows should be cut once (late July - August) or twice (February) per year, to a minimum height of 10cm. The cuttings should be left for a couple of weeks to seed before being collected. The cuttings can either be piled in one corner of site to allow to decompose (these provide habitat for a range of species) or taken to a licenced site to be disposed of. A small patch of meadow each year could be left uncut to provide for wintering insects; this can be rotated each year.

FOR PLANNING

Chapel Hill, Longridge, Lancashire		
Outline Planting Schedules		
SCALE: NTS	DATE: Sept 24	
DRAWING: M718/CHLP/LAND/06		



- Hard Boundary Treatments**
- Boundary Type A**
Timber Close-board Fencing
Maximum Height: 1.8m
 - Boundary Type B**
Timber Close-board Fencing With Trellis
Maximum Height: 1.5m Fence + 0.3m Trellis
 - Boundary Type C**
Timber Knee Railing
Maximum Height: 0.6m
 - Boundary Type D**
Cheshire Railings
Maximum Height: 0.9m
 - Boundary Type E**
Stone Walling. Stone to match house building stone. Maximum Height: 0.9m
 - Boundary Type F**
Existing Stone Walling to Remain
Various Styles and Heights (See Images)

Boundary Type A



Boundary Type A (See note A1)



Boundary Type B



Boundary Type C



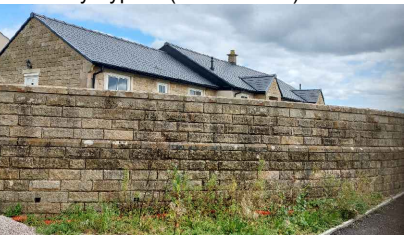
Boundary Type D



Boundary Type E



Boundary Type E (See note E1)



Boundary Type F (See note F1)



Boundary Type F (See note F3)



Boundary Type F (See note F5)



Boundary Type F (See note F2)



Boundary Type F (See note F4)



FOR PLANNING

Chapel Hill, Longridge, Lancashire

**Boundary Location and
Detail Plan**

SCALE: 1:1250 @ A3 DATE: Sept 24

DRAWING: M718/CHLP/LAND/07

