

Clifton Hill, **Exeter**

190908 R 04 01 Proposed Softworks Schedule

Clifton Hill, **Exeter**

Revision	Status	Date
-	Planning	June 2020

### Proposed Softworks Schedule

Softworks Schedule to be read in conjunction with all associated layouts and construction details.

# Clifton Hill, Exeter

## Trees

Species	Girth(Cm)	Height (Cm)	Root	Specification	No.
Amelanchier lamarckii	14-16	300-350	RB	3x; Extra Heavy Standard; clear stem 175-200cm; 5 breaks	2
Corylus maxima 'Purpurea'	-	150-175	25L (C)	Branched, 7 breaks	4
Malus domestica	10-12	300-350	RB	2x; Selected Standard; Clear stem 175-200cm; 4 Brks	2
Metasequoia glyptostroboides	-	400-450	RB	4x; leader with laterals	5
Pyrus communis 'Bartlett'	10-12	300-350	RB	2x; Selected Standard; Clear stem 175-200cm; 4 Brks	1
Quercus palustris	14-16	400-450	RB	3x; Extra Heavy Standard; clear stem 175-200cm; 5 breaks	1
<b>Total</b>					<b>15</b>

### Notes:

All trees to be planted in 300mm topsoil and 600mm sub-soil; finished with 50mm depth of ornamental bark mulch where necessary.

For heavy standards use 1800mm larch stake at 75-100mm diameter - Stake to be placed at approximately 1/3 height of tree above ground level. See BS 4428: 1989 for more information

# Clifton Hill, Exeter

## Hedgerow - Ornamental Mix

Species	Form	X-Trans	Height (Cm)	Root	Mix (%)
Prunus laurocerasus	Seedling	1 + 2	80-120	B	30
Crataegus monogyna	Seedling	1 + 2	80-120	B	70

### Notes:

Pit plant with spiral rabbit guards attached to canes. Keep a weed free area of approximately 500mm diameter around each plant for the first two growing seasons using spray or mechanical means. Plants to be planted in growing season (October-March)

Hedgerows to be planted at 500mm centres with a 200mm offset in double staggered formation.

All hedges to be planted in 300mm topsoil and 600mm sub-soil; finished with 50mm depth of ornamental bark mulch

## Hedgerow - Native Edible Mix

Species	Form	X-Trans	Height (Cm)	Root	Mix (%)
Corylus avellana	Transplant	1 + 2	90-120	B	25
Rosa rugosa	Transplant	1 + 2	90-120	B	25
Malus sylvestris	Transplant	1 + 2	90-120	B	20
Ribes sanguineum	Transplant	1 + 2	90-120	B	25
Passiflora sp. (Grown as a climber through the hedge)	Transplant	1 + 2	90-120	B	5

### Ornamental Hedgerows:

To be maintained at 1200mm.

### Edible Hedgerow:

Bare Root Stock 90-120cm tall. Maintained to 1.5m high. Planted as double staggered row at 7 per linear meter where shown as a block on the planting plan.

To be thick, even and heavily feathered.

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## Street Planting Mix: Type 1

Species	Root (C)	Notes	%
Echinacea purpurea	2L	Full pot	12,5
Perovskia 'Blue Spire'	2L	Full pot	10
Lavandula angustifolia 'Hidcote'	3L	Bushy, 5brks	12,5
Anacamptis pyramidalis	2L	Full pot	10
Dactylorhiza maculata	2L	Full pot	10
Achillea millefolium	2L	Full pot	12,5
Molinia caerulea	2L	Full pot, Septemeber - April Planting	10
Deschampsia cespitosa	2L	Full pot	12,5
Campanula trachelium	2L	Full pot	5
Campanula patula	2L	Full pot	5

### Notes:

All shrubs and perennials to be planted in 300mm topsoil and 600mm sub-soil finished with 50mm depth of ornamental bark mulch where needed; planted as random mix of each species following average density of 6 per m<sup>2</sup>

## Street Planting Mix: Type 2

	Root (C)	Notes	%
Allium sphaerocephalon	2L	Full pot	12,5
Liriope muscari 'Monroe White'	2L	Full pot	10
Echinacea purpurea	2L	Full pot	12,5
Pennisetum setaceum 'Little bunny'	3L	Full pot	10
Verbena bonariensis	2L	Full pot	10
Iris 'Perry's Blue'	2L	Full pot	12,5
Helleborus niger	2L	Full pot	10
Genista Lydia	2L	Full pot	12,5
Glaucium flavum	2L	Full pot	5
Aquilegia vulgaris Alba	2L	Full pot	5

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## Rain Garden Mix

Species	Root	Notes	%
Carex pendula	2	Full Pot, Fully rooted pot system, healthy crown	10
Carex testacea	3	Full Pot, Fully rooted pot system, healthy crown	10
Iris pseudoacorus	2	Plant as bulb in Autumn and leave to naturalise	5
Ligularia 'The Rocket'	3	Full Pot, Fully rooted pot system, healthy crown	5
Luzula sylvatica	5	Full Pot, Fully rooted pot system, healthy crown	5
Lythrum salicaria	3	Full Pot, Fully rooted pot system, healthy crown	10
Miscanthus sinensis	5	Full Pot, Fully rooted pot system, healthy crown	10
Molinia caerulea	3	Full Pot, Fully rooted pot system, healthy crown	10
Thalictrum 'Black Stockings'	3	Full Pot, Fully rooted pot system, healthy crown	5
Veronicastrum virginicum	3	Full Pot, Fully rooted pot system, healthy crown	5
Cornus sanguinea 'Mid winter Fire'	5	Full Pot, Fully rooted pot system, healthy crown	10
Dyopteris filix-mas	2	Full Pot, Fully rooted pot system, healthy crown	5
Rudbeckia hirta	2	Full Pot, Fully rooted pot system, healthy crown	10

### Notes:

All shrubs and perennials to be planted in 1000mm bio-retention media (Sandy Loam) finished with 100mm depth of mulch bedding; planted as random mix of each species following average density of 6 per m<sup>2</sup>

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## Seed Mixes:

### Wildflower

Emorsgate EM10 Tussock mix - Sow Rate 4g/m<sup>2</sup>

Species	Mix (%)
Achillea millefolium	0.2
Agrimonia eupatoria	1
Angelica sylvestris	1
Arctium minus	1.5
Centaurea nigra	2.5
Centaurea scabiosa	2
Chaerophyllum temulum	1
Daucus carota	1.5
Dipsacus fullonum	1
Galium album - (Galium mollugo)	1
Geranium pratense	0.5
Knautia arvensis	0.5
Leucanthemum vulgare	0.5
Plantago lanceolata	1
Prunella vulgaris	1.3
Silene dioica	1.5
Torilis japonica	0.5
Vicia sativa ssp. segetalis	1.5
Alopecurus pratensis	2
Cynosurus cristatus	16
Dactylis glomerata	16
Deschampsia cespitosa	4
Festuca rubra	24
Holcus lanatus	2
Schedonorus arundinaceus - (Festuca arundinacea)	10
Schedonorus pratensis (Festuca pratensis)	6
<b>100%</b>	

### Understory Woodland

Emorsgate EW1 Woodland mixture - Sow Rate 4g/m<sup>2</sup>

Species	Mix (%)
Alliaria petiolata	2.5
Allium ursinum	0.4
Angelica sylvestris	0.6
Betonica officinalis - (Stachys officinalis)	0.5
Campanula trachelium	0.1
Chaerophyllum temulum	0.3
Digitalis purpurea	2
Galium album - (Galium mollugo)	2
Galium verum	0.5
Geum rivale	0.3
Geum urbanum	0.2
Hyacinthoides non-scripta	2.6
Hypericum hirsutum	0.1
Hypericum perforatum	1
Primula veris	1
Prunella vulgaris	0.4
Silene dioica	3
Silene flos-cuculi - (Lychnis flos-cuculi)	1
Teucrium scorodonia	1.5
Agrostis capillaris	10
Anthoxanthum odoratum	2
Brachypodium sylvaticum	7
Cynosurus cristatus	20
Deschampsia cespitosa	1
Festuca rubra	28
Poa nemoralis	12
<b>100%</b>	

### Flowering Lawn

Emorsgate EL1 Flowering lawn mix - Sow Rate 4g/m<sup>2</sup>

Species	Mix (%)
Galium verum	4
Leontodon hispidus	0.5
Leucanthemum vulgare	1
Lotus corniculatus	3.7
Primula veris	3
Prunella vulgaris	4
Ranunculus acris	3.5
Trifolium pratense	0.3
Agrostis capillaris	8
Cynosurus cristatus	40
Festuca rubra	28
Phleum bertolonii	4
<b>100%</b>	