

PLANTING SCHEDULE

ALL PLANTING TO HAVE ADEQUATE RABBIT AND DEER PROTECTION

Planting Guidelines

All planting and landscape operations should comply with the requirement specified in BS3936:1992 'Nursery Stock (Part One)' and BS4426:1989 'Code of Practice for General Landscape Operations'.

All reused, existing or imported topsoil must comply with BS 3882:2007 Topsoil and Requirements for Use.

Topsoil storage mounds to be in locations agreed with the Landscape Manager prior to works.

Trees

TO BE PLANTED IN NOVEMBER- JANUARY AS ROOT BALLED STOCK. INDICATIVE TREE PIT SIZES ARE AS FOLLOWS:

Tree Size	Tree Pit Size
14-16cm girth	60x60x80cm [LxWxD]

Tree pits to be excavated 75mm deeper than root system and wide enough to accommodate roots when spread. Break up bottom of pit to 150mm and scarify sides. Backfill with topsoil from site and 35 litres compost + 35gm Floranid Triabon or similar fertiliser.

All tree pits to have irrigation pipe and end cap 150mm depth aggregate drainage layer with horticultural grade sand to support the root ball. All topsoil must conform with BS 3882:2007 'Multipurpose and to be suitable for landscape proposals on site. The tree pit shall be back filled with imported topsoil.

Tree support shall be two untreated softwood stakes at min 7.5cm diameter @ 230cm length driven into the ground to either side of the rootball, top of stake to min 750mm height above finished soil level. The stem of the tree should be fixed in place with 'Toms' tree ties or similar and approved. Ties and stakes to be checked and adjusted every six months or after periods of strong wind and rain.

Tree pit root barrier to be installed to all trees within 3m of any underground service route. Contractor to confirm locations of all services prior to implementation.

Species	Symbol	Size/Spec	Condition	Quantity
Quercus Robar 'Fastigiata Koster'	Qr	14-16 girth	RB	75

Shrubs

To be planted at a minimum depth of 300mm approved existing topsoil/ subsoil. All shrubs to be planted as bare root stock unless otherwise specified. A minimum of 50mm approved ornamental grade bark mulch is to be applied to planting areas once in order to assist establishment and suppress weeds.

Species	Symbol	Size/ Spec	Condition	Quantity	Spacing
Carpinus betulus	Cb	60/90	BR	158	5p/m
Cornus stolonifera 'Flaviramea'	Cs	60/90	BR	294	5p/m
Hebe rakensis	Hk	3Litre	CG	22	5p/m
Sarcococca confusa	Sc	2Litre	CG	25	5p/m
Comus sanguinea 'Midwinter Fire'	CsMF	2Litre	CG	10	5p/m
Ceanothus thyrsiflorus repens	Ct	2Litre	CG	110	5p/m
Skimmia x confusa 'Kew Green'	ScKG	2Litre	CG	85	5p/m
Alchemilla mollis	Am	2Litre	CG	20	5p/m
Euonymus fortunei 'Emerald Gaiety'	Ef	2Litre	CG	15	5p/m
Hebe pinguifolia 'Pagei'	Hp	2Litre	CG	40	5p/m
Pachysandra terminalis 'Variegata'	Pt	2Litre	CG	40	5p/m
Calluna vulgaris 'Wickwar Flame'	Cv	2Litre	CG	40	5p/m
Lavandula hidcote	Lh	2Litre	CG	5	5p/m
Acorus ogon	Ao	2Litre	CG	78	6p/m
Heuchera villosa Purple Palace	Hv	2Litre	CG	54	6p/m
Carex dipsacea	Cd	2Litre	CG	72	6p/m
Carex divulsa	Cdi	2Litre	CG	39	3p/m

Grass seed

Ground Preparation for sowing - Treat all areas intended for sowing with a glyphosate based herbicide. Once the herbicide spray has taken full effect repeatedly scarify/ harrow all areas by mechanical means to a depth of 25 mm so that the thatch is entirely broken up. The top surface (50mm) of all soil should be reduced to a tilth suitable for sowing.

Ground Preparation for over sowing - Lightly scarify/ harrow all areas intended for sowing by mechanical means to a depth of 25 mm. The method employed shall avoid the uprooting of desirable vegetation such as fine grasses.

Emorsgate EM3 Special General Purpose Meadow mixture - A complete mix composed of 20% native wild flowers and 80% slow growing grasses that contains a very wide range of species

Emorsgate EM8 Meadow mixture for Wetlands - A complete mix composed of 20% native wild flowers and 80% slow growing grasses that contains species suitable for seasonally wet soils

Emorsgate EG1 General purpose Meadow Grass mixture - It is a 100% grass seed mixture that contains a simple combination of low growing grasses offering low maintenance naturalistic planting.

Emorsgate EC1 Standard Cornfield Mixture - Contains annual wild flowers which will produce a colourful display in one growing season and will suppress annual weed growth and give shelter to the under-sown perennial meadow species.

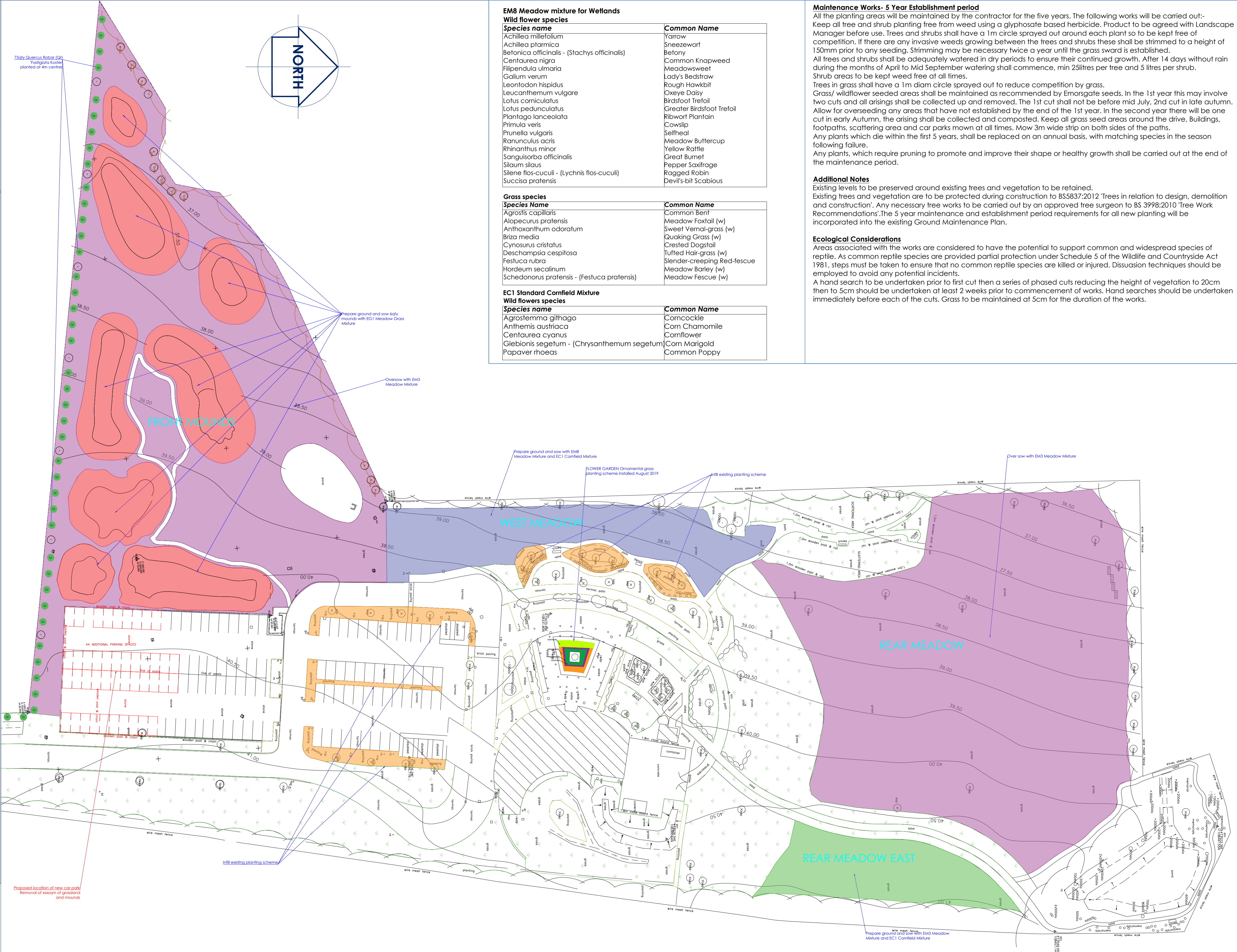
EM3 Special General Purpose Meadow mixture

Wild flower species

Species Name	Common Name
Achillea millefolium	Yarrow
Centaurea nigra	Common Knapweed
Greater Knapweed	Greater Knapweed
Daucus carota	Wild Carrot
Echium vulgare	Viper's Bugloss
Filipendula ulmaria	Meadowsweet
Galium album - (Galium mollugo)	Hedge Bedstraw
Galium verum	Lady's Bedstraw
Knautia arvensis	Field Scabious
Leontodon hispidus	Rough Hawkbit
Leucanthemum vulgare	Oxeye Daisy
Lotus corniculatus	Birdsfoot Trefoil
Malva moschata	Musk Mallow
Origanum vulgare	Wild Marjoram
Plantago media	Hoary Plantain
Poterium sanguisorba - (Sanguisorba minor)	Salad Burnet
Primula veris	Cowslip
Prunella vulgaris	Selfheal
Ranunculus acris	Meadow Buttercup
Rhinanthus minor	Yellow Rattle
Silene dioica	Red Campion
Silene flos-cuculi - (Lychnis flos-cuculi)	Ragged Robin
Silene latifolia	White Campion
Vicia sativa ssp. segetalis	Common Vetch

Grass species

Species Name	Common Name
Agrostis capillaris	Common Bent
Cynosurus cristatus	Crested Dogtail
Festuca rubra	Slender-creeping Red-fescue
Phleum bertolonii	Smaller Cat's-tail



EM8 Meadow mixture for Wetlands

Wild flower species

Species name	Common Name
Achillea millefolium	Yarrow
Achillea ptarmica	Sneezewort
Betonica officinalis - (Stachys officinalis)	Betony
Centaurea nigra	Common Knapweed
Filipendula ulmaria	Meadowsweet
Galium verum	Lady's Bedstraw
Leontodon hispidus	Rough Hawkbit
Leucanthemum vulgare	Oxeye Daisy
Lotus corniculatus	Birdsfoot Trefoil
Lotus pedunculatus	Greater Birdsfoot Trefoil
Plantago lanceolata	Ribwort Plantain
Primula veris	Cowslip
Prunella vulgaris	Selfheal
Ranunculus acris	Meadow Buttercup
Rhinanthus minor	Yellow Rattle
Sanguisorba officinalis	Great Burnet
Silene flos-cuculi - (Lychnis flos-cuculi)	Pepper Saxifrage
Succisa pratensis	Ragged Robin
	Devil's-bit Scabious

Grass species

Species Name	Common Name
Agrostis capillaris	Common Bent
Alopecurus pratensis	Meadow Foxtail (w)
Anthoxanthum odoratum	Sweet Vernal-grass (w)
Briza media	Quaking Grass (w)
Cynosurus cristatus	Crested Dogtail
Deschampsia cespitosa	Tufted Hair-grass (w)
Festuca rubra	Slender-creeping Red-fescue
Hordeum secalinum	Meadow Barley (w)
Schedonorus pratensis - (Festuca pratensis)	Meadow Fescue (w)

EC1 Standard Cornfield Mixture

Wild flowers species

Species name	Common Name
Agrostemma githago	Corncockle
Anthemis austriaca	Corn Chamomile
Centaurea cyanus	Cornflower
Glebionis segetum - (Chrysanthemum segetum)	Corn Marigold
Papaver rhoeas	Common Poppy

Maintenance Works- 5 Year Establishment period

All the planting areas will be maintained by the contractor for the five years. The following works will be carried out:- Keep all trees and shrub planting free from weed using a glyphosate based herbicide. Product to be agreed with Landscape Manager before use. Trees and shrubs shall have a 1m circle sprayed out around each plant so to be kept free of competition. If there are any invasive weeds growing between the trees and shrubs these shall be strimmed to a height of 150mm prior to any seeding. Strimming may be necessary twice a year until the grass sward is established.

All trees and shrubs shall be adequately watered in dry periods to ensure their continued growth. After 14 days without rain during the months of April to Mid September watering shall commence, min 25litres per tree and 5 litres per shrub. Shrub areas to be kept weed free at all times.

Trees in grass shall have a 1m diam circle sprayed out to reduce competition by grass.

Grass/ wildflower seeded areas shall be maintained as recommended by Emorsgate seeds. In the 1st year this may involve two cuts and all arisings shall be collected up and removed. The 1st cut shall not be before mid July, 2nd cut in late autumn.

Allow for overseeding any areas that have not established by the end of the 1st year. In the second year there will be one cut in early Autumn, the arising shall be collected and composted. Keep all grass seed areas around the drive, Buildings, footpaths, scattering area and car parks mown at all times. Mow 3m wide strip on both sides of the paths.

Any plants which die within the first 5 years, shall be replaced on an annual basis, with matching species in the season following failure.

Any plants, which require pruning to promote and improve their shape or healthy growth shall be carried out at the end of the maintenance period.

Additional Notes

Existing levels to be preserved around existing trees and vegetation to be retained. Existing trees and vegetation are to be protected during construction to BS5837:2012 'Trees in relation to design, demolition and construction'. Any necessary tree works to be carried out by an approved tree surgeon to BS 3998:2010 'Tree Work Recommendations'. The 5 year maintenance and establishment period requirements for all new planting will be incorporated into the existing Ground Maintenance Plan.

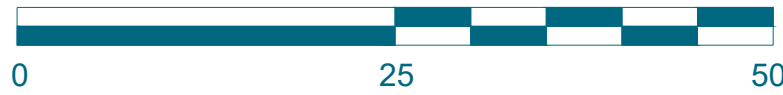
Ecological Considerations

Areas associated with the works are considered to have the potential to support common and widespread species of reptile. As common reptile species are provided partial protection under Schedule 5 of the Wildlife and Countryside Act 1981, steps must be taken to ensure that no common reptile species are killed or injured. Dissuasion techniques should be employed to avoid any potential incidents.

A hand search to be undertaken prior to first cut then a series of phased cuts reducing the height of vegetation to 20cm then to 5cm should be undertaken at least 2 weeks prior to commencement of works. Hand searches should be undertaken immediately before each of the cuts. Grass to be maintained at 5cm for the duration of the works.

LEGENDS & INFORMATION

Scale Bar - 100mm @ A1



KEY

Existing Grass

Existing Planting

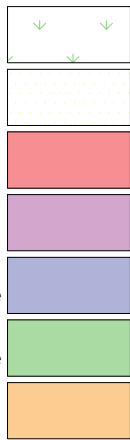
EG1 Meadow Grass Mixture

EM3 Meadow Mixture

EM8 Meadow Mixture and EC1 Cornfield Mixture

EM3 Meadow Mixture and EC1 Cornfield Mixture

Infill Existing Planting Scheme



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DO NOT SCALE FROM THIS DRAWING, EXCEPT FOR PLANNING PURPOSES. USE FIGURED DIMENSIONS ONLY.

DIMENSIONS SHOULD BE CHECKED AND VERIFIED ON SITE AND ANY DISCREPANCIES SHOULD BE REPORTED TO THE DESIGNER.

IF IN DOUBT ASK FOR CONFIRMATION.

AREA SIZE	SPACE m²	SPACE ft²
SALES		
BOH		
GROSS		
FIRST FLOOR		
SUB LET SPACE		
MOTHALLED		

REVISIONS

REV	DESCRIPTION	DRAWN	CHKD	DATE
1	LANDSCAPING PLAN CREATED - WS	SL	**	30/09/2019

southern coop



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ISSUED FOR

LANDSCAPING PLAN

ADDRESS
THE OAKS CREMATORIUM
BARTONS ROAD
HAVANT
HAMPSHIRE
PO9 5NA

DRAWING TITLE
LANDSCAPING PLAN
PLANNING

DRAWING SCALE	SHEET SIZE	SHEET No.	DRAWN	CHKD	DATE
1:500	A1	1 of 2	SL	**	30-09-2019

SC-4000-V1-GF-DR-K-0012