



Proposed Landscape Mitigation

Species listed below consider site constraints and meet the required landscape and managements strategies outlined in the relevant landscape character study. This is only an indicative list of potential species that could be used on the site.

Proposed Meadow Grassland

SPECIAL Solar Park Diverse Low Maintenance Mix (Cotswold Seeds Ltd) Management/maintenance details provided by the supplier/manufacturer. Basic sowing rate 10kg/acre.

1.40 kg	(1.4)	certified Toddington perennial ryegrass
0.50 kg	(0.5)	certified Teno smaller catstail
0.65 kg	(0.65)	certified Wirnietou timothy
1.50 kg	(1.5)	certified Evora smooth stalked meadow grass
1.25 kg	(1.25)	certified Maxima creeping red fescue
0.50 kg	(0.5)	certified Archibal slender creeping red fescue
1.85 kg	(1.85)	certified Caracat red/chewings fescue
0.40 kg	(0.4)	certified Senu meadow fescue
0.20 kg	(0.2)	certified Merwi white clover
0.20 kg	(0.2)	certified S184 wild white clover
0.40 kg	(0.4)	certified Leo birdsfoot trefoil
0.05 kg	(0.05)	certified Virgo Pajbjerg yellow trefoil
0.70 kg	(0.7)	Burnet forage herb
0.25 kg	(0.25)	certified Atlaswede late flowering red clover
0.15 kg	(0.15)	certified Aurora alsike clover

Proposed Shade/Semi-Shade Tolerant Meadow

Hedgerow mixture (Emorsgate EH1) or similar approved product. Management/maintenance detail provided by the supplier/manufacturer. Basic sowing rate of 4g/m2.

Achillea millefolium	Yarrow	0.10%
Alliaria petiolata	Garlic Mustard	1.00%
Anthriscus sylvestris	Cow Parsley	0.50%
Carex divulsa spp. divulsa	Grey Sedge	1.50%
Centaurea nigra	Common Knapweed	2.00%
Chaerophyllum temulum	Rough Chervil	3.00%
Cruciata laevipes	Crosswort	2.00%
Dipacus fullonum	Wild Teasel	0.20%
Gallium album	Hedge Bedstraw	0.50%
Geranium pratense	Meadow Crane's-bill	0.10%
Geranium pyreniacum	Hedge Crane's-bill	1.00%
Geum urbanum	Wood Avens	0.30%
Knautilia arvensis	Field Scabious	0.20%
Leucanthemum vulgare	Moon Daisy	1.00%
Malva moschata	Musk Mallow	1.00%
Plantago lanceolata	Ribwort Plantain	2.00%
Silene dioica	Red Campion	3.00%
Silene flos-cuculi	Ragged Robin	0.50%
Torilis japonica	Upright Hedge-parsley	0.10%

Agrostis capillaris	Common Bent	1.00%
Anthoxanthum odoratum	Sweet Vernal-Grass	2.00%
Brachypodium sylvaticum	False Brome	1.00%
Cynosurus cristatus	Crested Dogtail	50.00%
Deschampsia cespitosa	Tufted Hair-grass	2.00%
Festuca rubra	Red Fescue	20.00%
Poa nemoralis	Wood Meadow-grass	4.00%

Proposed Trees

(Exact species will depend on location of tree, proximity to PV's and Ultimate Height)

Quercus robur	English Oak	10-12cm
Prunus avium	Bird Cherry	10-12cm
Alnus glutinosa	Alder	10-12cm
Betula pendula	Birch	10-12cm
Salix caprea	Goat Willow	10-12cm
Crataegus monogyna	Hawthorn	10-12cm
Malus sylvestris	Crab Apple	8-10cm
Acer campestre	Maple	10-12cm

Proposed Native Hedgerow

(Hedgerow to be maintained at a height of 2.5m)

Cornus sanguinea	Common Dogwood	10.00%
Corylus avellana	Hazel	10.00%
Crataegus monogyna	Hawthorn	40.00%
Salix alba	White willow	10.00%
Prunus padus	Bird Cherry	10.00%
Malus sylvestris	Crab Apple	10.00%
Ilex aquifolium	Holly	10.00%

Proposed Native Screening Shrub Mix

Mixture of whips and Feathered Tree Species (F).

Crataegus monogyna	Hawthorn	60-80cm
Corylus avellana	Hazel	60-80cm
Viburnum opulus	Guelder Rose	60-80cm
Prunus avium	Bird Cherry	125-150cm(F)
Quercus robur	English Oak	125-150cm(F)
Acer campestre	Field Maple	60-80cm
Salix caprea	Goat Willow	60-80cm
Betula pendula	Silver Birch	125-150cm(F)

Proposed Wet-tolerant Grass Seed Mix for Attenuation Basins

Wetland mixture (Emorsgate EM8) or similar approved product. Management/maintenance detail provided by the supplier/manufacturer. Basic sowing rate of 4g/m2.

Achillea millefolium	Yarrow	2.00%
Agrimonia eupatoria	Agrimony	0.80%
Centaurea nigra	Common Knapweed	3.80%
Filipendula ulmaria	Meadowsweet	1.00%
Gallium verum	Lady's Bedstraw	2.00%
Geum rivale	Water Avens	0.20%
Lathyrus pratensis	Meadow Vetchling	0.50%
Leontodon hispidus	Rough Hawkbit	0.10%
Leucanthemum vulgare	Oxeye Daisy (Moon Daisy)	1.20%
Lotus corniculatus	Birdsfoot Trefoil	0.10%
Lotus pedunculatus	Greater Birdsfoot Trefoil	0.40%
Plantago lanceolata	Ribwort Plantain	3.20%
Primula veris	Cowslip	0.20%
Prunella vulgaris	Selfheal	0.10%
Ranunculus acris	Meadow Buttercup	0.40%
Rhinanthus minor	Yellow Rattle	1.40%
Rumex acetosa	Common Sorrel	1.20%
Sanguisorba officinalis	Great Burnet	1.00%
Silene flos-cuculi	Ragged Robin	0.30%
Succisa pratensis	Devil's-bit Scabious	0.10%
Vicia cracca	Tufted Vetch	0.40%

Agrostis capillaris	Common Bent (w)	4.00%
Anthoxanthum odoratum	Sweet Vernal-grass (w)	4.00%
Carex divulsa subsp. divulsa	Grey Sedge (w)	1.00%
Cynosurus cristatus	Crested Dogtail	34.40%
Deschampsia cespitosa	Tufted Hair-grass (w)	1.60%
Festuca rubra	Red Fescue	20.00%
Hordeum secalinum	Meadow Barley (w)	4.00%
Poa trivialis	Rough-stalked Meadow-grass	8.00%
Schedonorus arundinaceus	Tall Fescue	2.40%

KEY

SITE CONSTRAINTS

- Site boundary
- Public right of way
- Existing vegetation retained
- As per tree survey plan
- Existing vegetation retained
- As per aerial photography, topographical survey and site observation - not recorded by tree survey
- Existing watercourse
- Existing easement
- Existing hard-surface

SOFT LANDSCAPE PROPOSALS

- Meadow grassland mix
- Shade / semi-shade tollerant grassland mix
- Wet-tolerant grassland mix to attenuation basins/swales
- Native tree
- Native hedgerow
- Native screening shrub mix

HARD LANDSCAPE PROPOSALS

- Stock-proof fence
- Hard-surfacing
- Solar panel
- Transformer station
- DNO substation
- Customer substation
- Community garden area
to include seating, information boards & additional planting

LAND AT NAILCOTE FARM, FILLONGLEY – LANDSCAPE STRATEGY PLAN