



Pinus strobus (P)

East elevation of proposed building roof height is just over 19m at highest point and lower roof apex is between 13 and 14m

Typical Section A-A Thro' River Bank & Building East Elevation 1:250

Mature height of Holm Oak (*Quercus ilex*) is 20-25m. with a crown spread of 8-10m

Typical mature height of Holly (*Ilex aquifolium* 'Nellie Stevens') is 10-12m

Typical Section A-A Thro' River Bank & Building East Elevation 1:250

KEY TO LANDSCAPE STRATEGY

- Existing bank to river cut spread with low fertility topsoil, ideally won from excavation works for new extension building site, and retained with stone gabions ready for seeding with damp wildflower meadow mix.
- Existing woodland edge visually and ecologically strengthened with new extensive tree planting with a variety of mainly evergreen, riverside and deciduous (that keep their leaves in winter) trees to provide enhanced screen to views into the site from the north and east. Existing and proposed trees include Holm Oak, Black Pine, White Willow and Oak. A diverse variety of tree species is specified to increase the site's bio-diversity.
- Native shrub species specified as understorey to tree planting where suitable gaps appear in the tree canopy.

TREE SPECIES LIST:

- 9x Alnus glutinosa
- 3x Alnus glutinosa
- 46x Calluna palustris
- 30x Geum rivale
- 1x Populus alba
- 41x Geum rivale
- 1x Carpinus betulus
- 1x Quercus ilex
- 133x Ajuga reptans
- as understorey in gaps
- 50x Cornus sanguinea
- 142x Geum urbanum
- as understorey in gaps
- 50x Viburnum opulus
- 2x Salix alba
- 2x Quercus ilex
- as understorey in gaps
- 43x Viburnum opulus
- 2x Quercus ilex
- 1x Carpinus betulus
- 2x Quercus robur
- 2x Pinus nigra

WOODLAND TREES & SHRUB MIX:

- 40% Acer campestre 10%
- 40% Ilex aquifolium 15%
- 40% Carpinus betulus 10%
- 40% Corylus avellana 15%
- 40% Prunus avium 15%
- 40% Prunus spinosa 15%
- 40% Ligustrum vulgare 10%

RAILWAY LINE

SINGLE TRACK RAILWAY LINE

NORTH ARROW

SCALE BAR

GOODGER DESIGN ASSOCIATES

Rev. Modifications By Date

- 1 Existing bank to river cut spread with low fertility topsoil, ideally won from excavation works for new extension building site, and retained with stone gabions ready for seeding with damp wildflower meadow mix.
- 2 Existing woodland edge visually and ecologically strengthened with new extensive tree planting with a variety of mainly evergreen, riverside and deciduous (that keep their leaves in winter) trees to provide an enhanced screen to views into the site from the north and east. Existing and proposed trees include Holm Oak, Black Pine, White Willow and Oak. A diverse variety of tree species is specified to increase the site's bio-diversity.
- 3 Native shrub species specified as understorey to tree planting where suitable gaps appear in the tree canopy with verges sown with shade tolerant woodland edge wildflower meadow seed mix
- 4 Existing wildflower meadows maintained and reinstated with the MIXFLO meadow mix after construction work if required. Forest trees such as Oak and Black Pine planted coupled with a mixed native hedgerow to strengthen tree screening belt from view in from the east
- 5 Option to break out 1.2metre strip along fence exposed to right of way to plant native screening hedgerow
- 6 Existing trees/woodland on raised railway embankment provides established screening of site from the south.

- Existing Woodland cover & individual trees mapped from Google Earth
- Proposed standard trees-see planting schedule on dwg. nr. 480/04 for specifications all with 1.2mØ bark mulch rings to 60mm depth
- Shrub planting as understorey to woodland trees-see dwg. nr.480/04 for specifications
- Mixed Hedgerow along south & east boundaries-see dwg. nr.480/04 for specifications
- Wildflower seeding for damp meadows-Cotswold Grass Seeds MIXDAM. See 480/04 for mix details
- Wildflower seeding for woodland edges-Cotswold Grass Seeds MIXWOOD. See 480/04 for mix details.
- Existing wildflower meadows retained or reinstated, if required, with Cotswold Grass Seeds MIXFLO wildflower meadow mix-See 480/04 for mix details.

Typical Section B-B Thro' Site, Public Footpath, and Railway Embankment 1:250

Scale: 1:500@AO size	Date: 19/11/2025
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Tel: 01753 859904

MIXFLO sown @5grams/m2

Talk to an expert 01608 652552

Haywards Seeds

COTSWOLD Grass Seeds

Your Basket

View Basket | Checkout

Seeds

Knowledge

Detailed Mix Breakdown

Contents per Kg	%	kg
certified common bentgrass	5.0	0.050
certified rough stalked meadowgrass	5.0	0.050
certified sheeps fescue	10.0	0.100
certified crested dogtail	15.0	0.150
certified smooth stalked meadow grass	15.0	0.150
certified chevingings/red fescue	29.7	0.297
native Saintfoin (Onobrychis viciifolia) wildflower	1.8	0.018
Salad Burnet (Sanguisorba minor)	1.5	0.015
White Campion (Silene latifolia)	1.2	0.012
Self Heal (Prunella vulgaris)	1.1	0.011
Lady's Bedstraw (Galium verum)	1.1	0.011
Red Campion (Silene dioica)	1.0	0.010
Field Scabious	1.0	0.010
Meadow Buttercup	1.0	0.010
Musk Mallow (Malva moschata)	0.8	0.008
Lesser Knapweed (Centaurea nigra)	0.7	0.007
Ribwort Plantain (Plantago lanceolata)	0.5	0.005
Wild Carrot (Daucus carota)	0.5	0.005
Yarrow (Achillea millefolium)	0.5	0.005
Birdfoot Trefoil	0.7	0.007
Or-eye Daisy (Leucanthemum vulgare)	0.5	0.005
Betony (Stachys officinalis)	0.5	0.005
Kidney Vetch (Anthyllus vulneraria)	0.3	0.003
Cowslip (Primula veris) wildflower	0.2	0.002
Cam Cockle	1.5	0.015
Cam Margold	1.0	0.010
Corrflower	1.0	0.010
Field Poppy	1.0	0.010
Yellow Rattle (Rhinanthus minor)	1.0	0.010

MIXWOOD sown @5grams/m2

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Haywards Seeds

COTSWOLD Grass Seeds

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Seeds

Knowledge

Detailed Mix Breakdown

Contents per Kg	%	kg
commercial Tufted Hairgrass	2.0	0.020
certified common bentgrass	10.0	0.100
certified crested dogtail	10.0	0.100
certified wood meadow grass	15.0	0.150
certified slender creeping red fescue	24.0	0.240
certified chevingings/red fescue	24.0	0.240
Red Campion (Silene dioica)	2.0	0.020
White Campion (Silene latifolia)	2.0	0.020
Self Heal (Prunella vulgaris)	2.0	0.020
Hedge Bedstraw	1.0	0.010
Betony (Stachys officinalis)	1.0	0.010
Meadow vetchling	1.0	0.010
Wood Avenis	1.0	0.010
Tufted Vetch	1.0	0.010
Yarrow (Achillea millefolium)	0.8	0.008
Greater Knapweed	0.7	0.007
Meadow Buttercup	0.6	0.006
Common Sorrel	0.5	0.005
Perforate St John's Wort	0.4	0.004
Teasel	0.3	0.003
Garlic Mustard	0.2	0.002
Bluebell	0.2	0.002
Upright Hedge Pansley	0.2	0.002
Autumn Hawkbit	0.2	0.002

Planting Schedule
Trees

Number	Species	Height	Density	Girth	Pot Size	Specification
40x	Acer campestre	60-90cm	1/m ²	Whip	Bare Rooted	1+1 :2 Stems
12x	Alnus glutinosa	4.5-5.0m	Counted	20-25cm	150L	Semi-Mature :Clear Stem 150-175
40x	Carpinus betulus	60-90cm	1/m ²	Whip	Bare Rooted	1+1 :2 Stems
1x	Carpinus betulus	4.0-4.5m	Counted	20-25cm	150L	Semi-Mature :Clear Stem 150-175
40x	Crataegus monogyna	60-90cm	1/m ²	Whip	Bare Rooted	1+1 :2 Stems
5x	Populus alba	4.5-5.0m	Counted	20-25cm	150L	Semi-Mature :Clear Stem 175-200
60x	Prunus avium	60-90cm	1/m ²	Whip	Bare Rooted	1+1 :2 Stems
5x	Quercus ilex	4.0-4.5m	Counted	20-25cm	300L	Semi-Mature :Clear Stem 175-200
2x	Quercus robur	5.0-5.5m	Counted	20-25cm	250L	Semi-Mature :Clear Stem 175-200
2x	Salix alba	5.0-5.5m	Counted	20-25cm	150L	Semi-Mature :Clear Stem 175-200

Shrubs

Number	Species	Height	Density	Pot Size	Specification
130x	Cornus sanguinea	60-90cm	1/m ²	5L	Leader With Laterals
60x	Corylus avellana	60-90cm	1/m ²	Bare Rooted	1+1 :Whip
60x	Ilex aquifolium	60-80cm	1/m ²	5L	Several shoots
40x	Ligustrum vulgare	60-90cm	1/m ²	Bare Rooted	1+1 :Leader With Laterals :Leader With Laterals
60x	Prunus spinosa	60-90cm	1/m ²	Bare Rooted	1+1 :Whip
91x	Viburnum opulus	60-90cm	1/m ²	5L	Leader With Laterals

Herbaceous

Number	Species	Height	Density	Pot Size	Specification
133x	Ajuga reptans	20-30cm	2/m ²	2L	Thin flat pointed leaves/flower stem
71x	Geum rivale	20-30cm	2/m ²	2L	Thin flat pointed leaves/flower stem
142x	Geum urbanum	20-30cm	2/m ²	2L	Thin flat pointed leaves/flower stem

Conifers

Number	Species	Height	Density	Pot Size	Specification
2x	Pinus nigra	450-500cm	Counted	200-285L	Advanced Nursery Stock :Single leader
2x	Taxodium distichum	400-450cm	Counted	200-285L	Extra Heavy Standard :Leader & laterals

Marginal / Aquatics

Number	Species	Height	Density	Specification
46x	Caltha palustris	20-30cm	2/m ²	Well Rooted

Rev	Modifications	By	Date

Purpose of issue & file reference: For Planning Approval			
PROJECT TITLE: Cereal Partners Proposed Factory Building Staverton			
DRAWING TITLE: Planting Schedule and Wildflower Mix Details			
Client: Cereal Partners Ltd		Drawing Number: 480/04	
Drawn by: TG	Checked by: TG	Scale: Na @A3 size	Date: 21/11/2025