

Landscaping and Ecology

Tree Schedule:

Proposed trees: upright branching cultivars which are in the small to medium size category which will provide seasonal variety and avoid future problems such as low branches interfering with the passage of pedestrians and vehicles and excessive shade/ light reduction. See Appendix 30/1 for full tree and planting specification.

- T1 Crataegus monogyna 'Stricta'
- T2 Acer campestre 'Elsrijk'
- T3 Carpinus betulus 'Frans Fontaine'
- T4 Acer campestre 'Elsrijk'
- T5 Carpinus betulus 'Frans Fontaine'
- T6 Acer campestre 'Elsrijk'
- T7 Sorbus aucuparia 'Sheerwater Seedling'
- T8 Acer campestre 'Elsrijk'
- T9 Crataegus monogyna 'Stricta'

Biodiversity mitigation area:
Wildflower Seed Mix in areas of biodiversity mitigation areas.

Highway embankments:
Grass seeding or Hydro-seeding to slopes exceeding 10° to the horizontal in areas of highway embankments.

Highway verges:
Grass seeding or Hydro-seeding to slopes less than 10° to the horizontal in areas of highway verge.

Tree planting:
mitigation tree planting see Environment measures note for details.

NOTE: The BIODIVERSITY MITIGATION area is to be planted with a suitable wildflower seed mix as below

- Wildflower Seed Mix (Sow at 3 - 5 grms/m²)
- Wild flowers
- 1.0% Achillea millefolium Yarrow
 - 0.5% Achillea ptarmica Sneezewort
 - 0.5% Agrimmona eupatorium Agrimony
 - 0.8% Angelica sylvestris Wild Angelica
 - 1.0% Anthyllis vulneria Kidney Vetch
 - 1.0% Centaurea nigra Common Knapweed
 - 0.5% Conopodium majus Pignut
 - 1.0% Filipendula ulmaria Meadowsweet
 - 1.0% Galium verum Lady's Bedstraw
 - 1.0% Hordeum sacalinum Meadow Barley
 - 1.0% Hypochaeris radicata Cat's Ear
 - 1.0% Lathyris pratensis Meadow Vetchling
 - 1.0% Leucanthemum vulgare Ox Eye Daisy
 - 1.0% Lotus corniculatus Common Birdsfoot
- Trefoil
- 1.0% Lotus uliginosus Marsh Trefoil
 - 1.0% Plantago lanceolata Ribwort Plantain
 - 1.0% Primula veris Cowslip
 - 0.5% Prunella vulgaris Selfheal
 - 1.0% Pulicaria dysenteria Common Fleabane
 - 1.0% Ranunculus acris Meadow Buttercup
 - 1.0% Rumex acetosa Common Sorrel
 - 0.2% Vicia cracca Tufted Vetch
 - 0.5% Trifolium pratense Red Clover
 - 0.5% Trifolium repens White Clover

Also, suggest add Red Bartsia Odontites vernus.

- Grasses
- 10.0% Agrostis stolonifera Creeping Bent
 - 6.0% Alopecurus pratensis Meadow Foxtail
 - 3.5% Arrhenatherum elatius Tall Oat Grass
 - 6.0% Cynosurus cristatus Crested Dogstail
 - 6.0% Dactylis glomerata Cocksfoot Grass
 - 13.5% Deschampsia caespitosa Tufted Hair Grass
 - 6.0% Festuca pratensis Meadow Fescue
 - 11.0% Festuca rubra ssp litoralis Slender Creeping Red Fescue
 - 3.0% Phleum pratense Timothy
 - 12.0% Poa trivilas Rough Stalked Meadow Grass
 - 3.0% Trisetum flavescens Yellow Oat Grass

NOTES

1. All dimensions are in millimetres unless otherwise stated.
2. All areas being prepared for planting or grass seeding except for the mitigation areas are to be treated with herbicide in accordance with Appendix 30/2.
3. All areas to be top soiled are to be checked for compaction. This, where found, is to be alleviated by ripping to a depth of 300mm.
4. In the grass seeding areas, the soil shall be broken up to 300mm depth, and the top 50mm reduced to a tilth suitable for final shaping with a grading blade, (maximum particle size to be 15mm for grading topsoil and 50mm for grading subsoil). Any undesirable material, including stones larger than 15mm for topsoil areas and 50mm for subsoil areas shall be removed off site. When soil is reasonably dry and workable it shall be graded in accordance with the drawings and Clause 3004.10.
5. Except where seed is to be sown onto low fertility topsoil, then immediately prior to sowing, the upper 50mm of soil shall be reduced to a fine tilth by the use of a chain harrow or other suitable plant. In the wild flower seeding areas where low fertility topsoil has been spread then immediately prior to sowing, the upper 50mm of soil shall be reduced to a coarse tilth only by a chain harrow or other suitable plant.

Rev	Details	Dr	Ch	Ap	Date
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Client



ENGINEERING AND TRANSPORT

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Job Title
ABBAY PRIMARY SCHOOL

**PROPOSED DROP OFF AREA:
LANDSCAPING AND ECOLOGY**

File No.		Financial Code No. 11/007500/B051/110058			
Drawn	AAI	Checked	MCB	Approved	HHH
Date	NOV '23	Date	NOV'23	Date	NOV'23
Scales	As Shown		Status	PLANNING	
Drawing No.			T47650 / PC06		