

LEGEND:

- Existing trees / hedges to be retained in accordance with BS 5837:2012 and best arboricultural practice at the time of execution of the works. Blue line denotes Root Protection Area (RPA). Remedial surgery as Arboriculturalist's recommendations.
- Existing trees to be removed for Health & Safety reasons or to facilitate development.
- Existing hedges/scrub vegetation to be removed to facilitate development. Note: See below where this vegetation to be translocated into wildlife area.
- Proposed extra heavy standard / semi mature specimen tree planting. Note: See below for suggested species / location & specification.
- Proposed hedge planting of mixed evergreen and deciduous species for biodiversity & seasonal effect with bark mulch. Note: See below for suggested species / location & specification.
- Proposed woodland planted areas of mixed evergreen and deciduous species for biodiversity & seasonal effect. Note: See below for suggested species / location & specification.
- Proposed wildlife compensation area of mixed evergreen and deciduous species for biodiversity & seasonal effect. Note: See below for suggested species / location & specification.
- Proposed amenity planting to Main Entrance / Plaza, Car Park Areas of mixed evergreen and deciduous species for biodiversity & seasonal effect. Note: See below for suggested species / location & specification.
- Proposed grass seeded areas. Species as recommended by Sports Turf Specialist.
- Proposed species rich grass seeded areas. Species of local provenance & as recommended by Ecologist.
- Proposed damp meadow / riparian grass seeded areas. Species of local provenance & as recommended by Ecologist.
- Proposed translocated hedge / scrub material, along margins of wildlife compensation area as recommended by the Ecologist. Areas to be kept irrigated until established as directed by the Ecologist.

Suggested Species, Specification & Planting Requirements:

Proposed Extra Heavy Standard / Semi Mature Specimen Tree Planting:

- Suggested Species: Wetter areas.
  - Alnus glutinosa (Alder)
  - Salix species (Willow)
- Suggested Species: Drier areas.
  - Malus sylvestris (Crab apple)
  - Quercus robur (Oak)
  - Betula pendula (Silver birch)

- Specification: Extra Heavy Standard size 16-18 cms girth; 450cms minimum height; 200cms minimum clear stem; 3 x transplanted; container grown, & Semi Mature size 20-25 cms girth; 500-550cms minimum height; 250cms minimum clear stem; 3 x transplanted; container grown.

- Planting: Extra Heavy Standard & Semi Mature trees to be planted in freedrainage topsoil plus 1500mm dia x 750mm deep with 75mm deep medium grade ornamental composted surface bark mulch, laid in accordance with specification.

Proposed Hedge Planting:

Mixed evergreen and deciduous species for biodiversity & seasonal effect with 75mm deep medium grade ornamental composted surface bark mulch, laid in accordance with specification.

- Suggested Species:
  - Crataegus monogyna (Hawthorn)
  - Rosa canina (Dog rose)
  - Rubus fruticosus (Bramble)
  - Prunus spinosa (Blackthorn)
  - Viburnum opulus (Guelder rose)
  - Ilex aquifolium (Holly)
  - Euonymus europaeus (Spindle)

- Specification: Plants to be 60-80cm in height, 2x transplanted; container grown or bare root depending on time of year.

- Planting: Hedge plants to be planted in 300mm deep freedrainage good quality topsoiled trenches, with soil ameliorants and slow release fertiliser, @ ctrs as appropriate.

Proposed Woodland Planting:

Areas of mixed evergreen and deciduous species for biodiversity & seasonal effect.

- Suggested species:
  - Betula pubescens (Downy Birch)
  - Crataegus monogyna (Hawthorn)
  - Corylus avellana (Hazel)
  - Ilex aquifolium (Holly)
  - Viburnum opulus (Guelder Rose)
  - Prunus padus (Bird Cherry)
  - Prunus avium (Wild Cherry)
  - Quercus robur (Oak)
  - Sorbus aucuparia (Mountain Ash)

- Specification: Plants to be 60-80cm in height, 2x transplanted; container grown or bare root depending on time of year.

- Planting: Woodland planted areas to have 300mm min depth good quality freedrainage topsoil with soil ameliorants and slow release fertiliser. Woodland plants to be planted at 1000mm centres.

Wildlife Compensation Area:

- Suggested species:
  - Sambucus nigra (Elder)
  - Sorbus aucuparia (Rowan)
  - Corylus avellana (Hazel)
  - Prunus avium (Wild Cherry)
  - Prunus padus (Bird Cherry)
  - Salix caprea (Pussy willow)
  - Salix cinerea (Grey willow)

- Specification: Plants to be 60-80cm in height, 2x transplanted; container grown or bare root depending on time of year.

- Planting: Woodland planted areas to have 300mm min depth good quality freedrainage topsoil with soil ameliorants and slow release fertiliser. Woodland plants to be planted at 1000mm centres.

Proposed Amenity Planting to Main Entrance / Plaza, Car Park Areas:

- Specification: Plants to be between 20cm & 1200cm in height, container grown in pot sizes ranging from 118 to 1016.

- Planting: Amenity planted areas to have 300mm min depth good quality freedrainage topsoil with soil ameliorants and slow release fertiliser. Plants to be planted at between 250mm & 1000mm centres depending on species.

- Suggested species (Pollinator Friendly):
  - Cornus sanguinea 'Midwinter Fire' (Dogwood)
  - Viburnum tinus 'Eve Price' (Laurastinus)
  - Skimmia (Japanese Skimmia)
  - Verbena bonariensis (Tall Verbena)
  - Lavandula hidcole (English Lavender)
  - Miscanthus sinensis 'Kleine silberspinne' (Silver Grass)

Grass Seeded Areas:

- Suggested species:
  - Hard wearing, as recommended by Sports Turf Specialist.
- Specification: All grass seeded areas to be seeded over, 50mm - 150mm depth topsoil, or as recommended by Sports Turf Specialist.

Species Rich Grass Seeded Areas:

- Suggested species:
  - Species of local provenance & as recommended by Ecologist.
- Specification: All species rich grass areas to be seeded over, 50mm - 150mm depth topsoil.

- Damp Meadow / Riparian Grass Seeded Areas: 10m wide margin to Cavan River and wetland scrapes in wildlife compensation area.

- Suggested species:
  - Species of local provenance & as recommended by Ecologist.
- Specification: All species rich grass areas to be seeded over, 50mm - 150mm depth topsoil.

Existing boundary hedge retained & allowed to grow on.



NOTES:

- Do not scale off this drawing.
- Drawings to be read in conjunction with the specification and all relevant drawing information.
- Contractor to check all dimensions on site. McIlwaine Landscape Architects to be advised of any discrepancies between this drawing and site conditions immediately.
- Dimensions are in millimetres unless otherwise stated.

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Rev:	AM	Date:	
PROJECT Cavan County Council Cavan Regional Sports Campus			
DRAWING TITLE Site Layout & Landscape Plan			
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As shown:	JAM	BMCl	Date: 07.03.24
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