



Key

- Site boundary
- Existing environment beneath hard surfacing inhospitable for root growth - rooting likely to be compromised in these areas (identified by tree survey)
- Crown Spread
- Root Protection Area
- Retained tree
- Retained grassland managed as meadow
- Removed tree as a result of development
- Removed tree as unsuitable to retain

Proposed Soft Landscape

- Proposed large to medium / small tree
- Proposed mixed native scrub/hedge
- Proposed shrubs planting

Indicative Plant List

TREES				
BOTANIC NAME	COMMON NAME	FORM	GIRTH/HEIGHT	SPECIFICATION
Acer campestre 'Streetwise'	Common Maple 'Streetwise'	Standard, Semi-mature, 2m clear stem	20-25cm girth	Rootball/Container Grown
Amelanchier lamarkii	Snowy Mespilus	Standard, Semi-mature, 2m clear stem	20-25cm girth	Rootball/Container Grown
Betula pendula	Silver Birch	Standard, Semi-mature, 2m clear stem	20-25cm girth	Rootball/Container Grown
Pyrus calleryana 'Chanticleer'	Ornamental Pear	Standard, Semi-mature, 2m clear stem	20-25cm girth	Rootball/Container Grown
Prunus serrulata 'Amanogawa'	Cherry 'Amanogawa'	Standard, Semi-mature, 2m clear stem	20-25cm girth	Rootball/Container Grown

NATIVE HEDGE MIX(HM1)		
9 plants per metre in groups of 5-7 of the same species		
%	BOTANIC NAME	SPECIFICATION
15	Prunus spinosa	1+1 transplant
20	Corylus avellana	1+1 transplant
40	Crataegus monogyna	1+1 transplant
5	Ilex aquifolium	3L pot grown
5	Rosa canina	1+1 transplant
15	Ligustrum vulgare	1+1 transplant

INDICATIVE SHRUBS/HERBACEOUS (S)		
BOTANIC NAME	SPECIFICATION	DENSITY / m²
Ajuga reptans 'Catlin's Giant'	2L	9
Berberis thunbergii	2L	5
Bergenia 'Bressingham Ruby'	3L	8
Brachyglottis 'Sunshine'	3L	5
Calamagrostis brachytricha	2L	7
Carex divulsa	9cm	11
Carex oshimensis 'Evergold'	2L	11
Choisya x dewitteana 'White Dazzler'	5L	4
Deschampsia cespitosa 'Goldtau'	2L	9
Erica carnea	2L	7
Geranium 'Rozanne'	3L	5
Geranium oxonianum 'Wargrave Pink'	3L	5
Hebe 'Autumn Glory'	3L	5
Hebe pinguifolia 'Sutherlandii'	2L	5
Hypericum 'Hidcote'	3L	5
Lavendula angustifolia 'Hidcote'	3L	6
Liriope muscari	2L	9
Lonicera nitida	2L	5
Mahonia aquifolium 'Apollo'	2L	5
Miscanthus sinensis 'Abundance'	2L	3
Pachysandra terminalis	2L	5
Persicaria bistorta 'Superba'	2L	5
Phlomis fruticosa	3L	5
Rudbeckia fulgida 'Goldsturm'	2L	5
Sarcococca confusa	2L	5
Sesleria autumnalis	2L	7
Skimmia japonica 'Rubella'	5L	5
Stachys byzantina 'Silver Carpet'	3L	7
Stipa gigantea	3L	3
Verbena bonariensis	2L	7
Viburnum opulus 'Nana'	3L	5
Vinca minor	2L	8
Vinca minor 'Alba'	2L	8

INDICATIVE AMENITY GRASS MIX		
Supplier	Specification	Additional Information
Germinal Amenity	A19 All Purpose Landscaping	Sown at 50g/m²
INDICATIVE BULB SPECIES		
Latin Name	Specification	Density - Number / m2
Galanthus nivalis	4/5cm bulb	10

- Proposed rain garden planting
- Proposed lawn mix - Germinal Amenity A19
- Proposed bulb planting in existing grass/lawn
- Proposed re-wilding of steeply-graded earthworks with periodic species management
- Minimum root available soil volume (RASV)

Minimum Root Available Soil Volume (RASV) for proposed trees (Ref: Cardiff Green Infrastructure SPG - Trees and Development TGN)
For individually planted large-medium trees - 30m3
For each large-medium tree when planted as a group - 20m3
For individually planted small trees - 10m3
For each small tree when planted as a group - 5m3

DRAWING NOTE:

The number of proposed trees has been constrained by the required earthworks to make the scheme viable. Refer to engineer's proposed levels for full details.

PAC

PL01 04.11.24	Layout update for Pre-Application Consultation	SB	GE
PR06 03.09.24	Layout update for discussion with LPA and National Grid	SB	GE
PR02 24.04.23	Layout update for PAC	SB	CC
PR04 16.02.23	Layout reverted back to Option B layout	SB	CC
PR03 08.02.23	Tree constraints plan update	SB	CC
PR02 01.02.23	Layout Update	SB	CC
PR01 23.11.22	First issue	SB	CC
Rev	Date	Comment	Approved

PRELIMINARY	PLANNING	DESIGN	TENDER	CONSTRUCTION
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Cardiff City Council

project

Former Fairwater Social Club

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