

DETAILED AREA EDUCATION GARDEN (1:100)

PLANT SCHEDULE

Trees			
Number	Species	Specification	Density
2	<i>Alnus glutinosa</i>	Extra Heavy Standard :Clear Stem 175-200 :5/7 brks :3x :RB	Counted
3	<i>Malus 'Saturn'</i>	Light Standard :BR: Supplied on M27 dwarf Rootstock from specialist nursery	Counted
3	<i>Prunus 'Jubilee'</i>	Light Standard :BR: Supplied on M27 dwarf Rootstock from specialist nursery	Counted
3	<i>Pyrus 'Invincible'</i>	Espalier :BR: Supplied on M27 dwarf root stock	Counted

Shrubs	Abbreviation	Species	Specification	Density
1		<i>Acer palmatum</i> 'Beni-Maiko'	C	Counted
1	ApB-M	<i>Acer Palmatum</i> 'Beni-Maiko'	C	Counted
3	CdG	<i>Choisya</i> <i>x</i> <i>dewitteana</i> 'Greenfingers'	C	Supplied in large terracotta pots
3	HEBPAGA	<i>Hebe pinguifolia</i> 'Pagei'	C	Counted
1	MeSC	<i>Mahonia eurybracteata</i> 'Soft Caress'	C	Counted
3	SHWG	<i>Sarcococca hookeriana</i> 'Winter Gem'	C	Counted

Ground Cover - Anderson Shelter				
Number	Species	Specification	Density	Percentage Contribution
10	Ajuga reptans 'Blueberry Muffin'	C	8/m ²	30%
10	Alchemilla mollis	C	8/m ²	30%
12	Nepeta racemosa 'Walkers Low'	C	8/m ²	40%
Total :32				

Ground Cover - Shade		Specification	Density	Percentage Contribution
Number	Species			
4	<i>Asplenium scolopendrium</i> 'Cristatum'	Full Pot	8/m ²	10%
7	<i>Pachysandra terminalis</i>	C	8/m ²	25%
4	<i>Polystichum setiferum</i> 'Herrenhausen'	Full Pot	8/m ²	10%
9	<i>Tiarella</i> 'Spring Symphony'	C	8/m ²	30%
7	<i>Vinca minor</i> 'Alba'	C	8/m ²	25%
Total	31			

Anderson Shelter Number	Species	Specification	Density	Percentage Contribution
12	<i>Ajuga reptans</i> 'Blueberry Muffin'	C: Plant in swathes towards the front of the bed	10/m ²	10%
12	<i>Alchemilla mollis</i>	C: Plant in swathes towards the front of the bed	10/m ²	10%
2	<i>Betonica officinalis</i> 'Hummelo'	C: Plant in swathes towards the middle and back of the bed	5/m ²	5%
12	<i>Epidemum versicolor</i> 'Sulphureum'	C: Plant in swathes towards the front of the bed	10/m ²	10%
3	<i>Geranium macrorrhizum</i> 'Bevan's Variety'	C: Plant in swathes towards the middle and back of the bed	5/m ²	5%
2	<i>Helicictiscom sempervirens</i>	Full Pot: Plant towards the back of the bed individually or in groups of three	3/m ²	3%
2	<i>Nepeta cataria</i>	C: Plant in swathes towards the middle and back of the bed	5/m ²	5%
2	<i>Nerita racemosa</i> 'Walkers Low'	C: Plant in swathes towards the front of the bed	10/m ²	10%
12	<i>Phlox divaricata</i> 'Clouds of Perfume'	C: Plant in swathes towards the front of the bed	10/m ²	10%
1	<i>Phlox paniculata</i> 'Franz Schubert'	C: Plant towards the back of the bed individually or in groups of three	3/m ²	2%
12	<i>Prunella vulgaris</i>	C: Plant in swathes towards the front of the bed	10/m ²	10%
2	<i>Salvia 'Aurea'</i>	C: Plant towards the back of the bed individually or in groups of three	3/m ²	3%
3	<i>Sanguisorba</i> 'Tanna'	C: Plant in swathes towards the middle and back of the bed	5/m ²	5%
1	<i>Verbena bonariensis</i>	C: Plant towards the back of the bed individually or in groups of three	3/m ²	2%
12	<i>Veronica</i> 'Shirley Blue'	C: Plant in swathes towards the front of the bed	10/m ²	10%

Education Garden - Large Beds			
Number	Species	Specification	Density Percentage Contribution
2	<i>Acet. palmatum</i> 'Beni-Maiako'	C: Plant individually towards the back of the bed	1m ² 1%
7	<i>Geranium macrorrhizum</i> 'Bevan's Varieg'	C: Plant in groups of three to seven throughout the bed	5m ² 5%
2	<i>Mahonia eurybracteata</i> 'Soft Caress'	C: Plant individually or in groups of three towards the back of the bed	2m ² 2%
2	<i>Saxifraga terminalis</i>	C: Plant in swathes throughout the bed	5m ² 25%
2	<i>Polyxandra latifolium</i> 'Herrenhausen'	C: Plant in groups of three to five	4m ² 4%
3	<i>Primula vulgaris</i>	C: Plant in clusters towards the front of the bed	10m ² 5%
3	<i>Pulmonaria</i> 'Bowles Blue'	C: Plant in clusters towards the front of the bed	10m ² 5%
2	<i>Saxifraga hookeriana</i> 'Winter Gem'	C: Plant in groups of three or individually	4m ² 5%
2	<i>Saxifraga hookeriana</i> 'Winter Gem'	C: Plant individually or in groups of three towards the back of the bed	2m ² 2%
2	<i>Tellima grandiflora</i>	C: Plant in swathes towards the front of the bed	10m ² 10%
2	<i>Saxifraga</i> 'Spring Symphony'	C: Plant in swathes towards the front of the bed	10m ² 10%
2	<i>Vincia minor</i> 'Alba'	C: Plant in swathes throughout the bed	5m ² 25%

Front Entrance				
Number	Species	Specification	Density	Percentage Contribution
14	<i>Cornus sericea</i> 'Flaviramea'	C. Plant in groups of three to five towards the middle of the bed	4/m ²	5%
40	<i>Cornus</i> 'Grace'	C. Plant in groups of three to five towards the middle of the bed	4/m ²	15%
14	<i>Fatsia japonica</i>	C. Plant in groups of three towards the back of the bed	4/m ²	5%
26	<i>Hebe pinguifolia</i> 'Pagei'	C. Plant in groups of three to five towards the front of the bed	4/m ²	10%
14	<i>Lonicera fragrantissima</i>	C. Plant in groups of three towards the back of the bed	4/m ²	5%
14	<i>Malonia nites</i> 'Cabaret'	C. Plant in groups of three towards the middle of the bed	4/m ²	5%
49	<i>Pachysandra terminalis</i>	C. Plant in swathes at the front of the bed	5/m ²	15%
49	<i>Pinus mugo</i> 'Mops'	C. Plant in swathes at the front of the bed	4/m ²	5%
26	<i>Skimmia japonica</i> 'White Dwarf'	C. Plant in groups of three towards the middle of the bed	4/m ²	10%
26	<i>Tellima grandiflora</i>	C. Plant in swathes at the front of the bed	4/m ²	10%
14	<i>Viburnum tinus</i>	C. Plant in groups of three towards the back of the bed	4/m ²	5%
23	<i>Vinca minor</i> 'Alba'	C. Plant in swathes at the front of the bed	5/m ²	10%
Total 284				

NOTES

To be read in conjunction with Drawings 000-XX-XX-DR-L-001 and 000-RYD-XX-XX-DR-L-101 to L-106.

PLANTING STRATEGY:

The soft landscape design aims to create an attractive setting for both the Education Garden and Front Entrance Courtyard, with a mixture of trees and specimen shrubs being planted to provide structure together with evergreen, ground cover planting that will provide a low maintenance backdrop to the spaces. Plants have been selected to provide wildlife value, **using native species and plants for pollinators where possible to diversify and improve the ecological value of the site.**

The Education Garden

A range of plant species have been specified across the Anderson Shelter to create a 'cottage garden' effect, with variety in heights, textures and flowering seasons to ensure that the space remains interesting over a long period of time. To enhance the visitor experience, the theme of Dig for Victory has been incorporated into the design; the entrance to the shelter will be framed by fruit trees, (that have been specified to grow on dwarf rootstock) and beds in front of the shelter will be planted up with vegetables by members of the community.

Additional provision for community planting has been made with the creation of raised planting beds, which incorporate seating and beds set at a variety of levels to ensure they are fully accessible. Three disease resistant pear trees have been specified as espalier specimens to be planted along the back of this bed to soften views of the wall and continue the theme of edible gardens and home produce.

Planting beds adjacent to the building have been designed to provide an evergreen backdrop to the space, with specimen shrubs set within swaths of shade loving plants that provide year round interest.

The Front Entrance Courtyard

This space has been designed to create an attractive courtyard setting to the front of the museum, which provides a welcome break from the surrounding urban environment, encouraging people to enter and enjoy. The generous depth of planting softens views of the streetscene beyond, creating a peaceful pocket of calm. A variety of seating opportunities have been located adjacent to the proposed planting, enjoying both sunny aspects and shady spots created by the canopies of both new and existing trees.

The planting within the beds has been proposed to create swathes of year round interest in the form of ground cover and low planting, punctuated by specimen shrubs that have attractive foliage, flowers and autumn colour.

In front of the cafe three large terracotta pots, containing scented, evergreen specimen shrubs have been specified to provide an element of privacy and definition to the cafe space. The strategic positioning of the pots eliminates the need for additional street furniture in the form of bollards or rails

ARBORICULTURAL WORKS:

Arboricultural works as necessary are proposed to ensure the existing tree stocks safety and longevity. and Selective thinning and replanting of existing trees along the northern boundary will also be undertaken as part of the tree works to improve screening of the site.

AUDIT TRAIL OF PLANT STOCK - PLANT PASSPORTS - IMPORT RESTRICTIONS:

All plants to carry plant passports following DEFRA guidelines to ensure traceability (adopted across Europe 2019). Plant passports for all the stock used for the scheme must be submitted to the Local Planning Authority on completion of the planting (Local Planning Authority to confirm details of required). At time of tendering, supply and installation of scheme ensure the proposals follow the current Government restrictions. These restrictions are in place to prevent the spread of pests, fungal and bacterial diseases such as Oak Processionary Moth and Bacterial Spot and

GENERAL
All works to be in accordance with relevant British Standards and the Landscape Consultant's planting plans / specifications.

SETTING OUT / SITE PREPARATION

All dimensions and levels should be checked and adjusted on site. The Contractor is responsible for care around all services. Do not scale from this drawing.

Imported topsoil to BS:3882, medium loam, pH 5.7-7.5, not more than slightly stoney, to be imported and provided at a minimum depth of 450mm for all planted areas.

Planting to be set out in swathes, to densities and position in bed as specified in the plant schedule.

TIMES OF YEAR FOR PLANTING / PHASING OF WORK:

- Deciduous trees and shrubs: Late October to late March.
- Conifers and evergreens: September/ October or April/ May.
- Herbaceous plants September/ October or March/ April.
- Container grown plants: At any time if ground and weather conditions are favourable.
- Amenity Grass Seeding: March - September

WATERING

All newly planted material to be thoroughly saturated before and after planting and well watered in the first twelve months, during any prolonged period (5+ days) of dry weather. Topsoil to comply with BS 3882:2015.

DEFECTS LIABILITY PERIOD:

Any proposed trees or shrubs which die, become diseased, damaged or are removed within 2 years of planting shall be removed and replaced with trees and shrubs of a similar and species or as agreed with the Local Planning Authority. Replacements to be made in November in year of loss.

ONGOING MAINTENANCE

Continue to maintain for five years from completion by hand weeding and spot treatment of weed killer to any weed in planting area until plant canopies close. Replace failures for five years.

DETAILED AREA FRONT ENTRANCE COURTYARD (1:100)

TYPICAL DETAIL - TREE PLANTING (1:20)

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