Landscape Masterplan

BP4L_CAR_AWP_DR_94_BW_LL_00001 Rev A scale 1:1000@A1 dec 2008

Barnsley Partnership For Learning

CARLTON ALC

LEGEND

- Existing tree planting to be retained. All trees to be protected to BS 5837:2005
- Existing structure planting to be retained. All trees to be protected to BS 5837:2005
- Proposed individual tree planting
- Proposed structure planting
- Proposed shrub planting
- Proposed hedge planting
- Proposed amenity grass areas
- Proposed wildflower areas
- Proposed sports pitch areas
- Proposed pedestrian tarmac areas
- Proposed vehicular tarmac areas
- Proposed car park bay surfacing (porous system)
- Proposed porous tarmac to hard games courts
- Proposed red tarmac areas
- Proposed embankments/earth features
- Proposed feature paving. Large and small unit pavers to be detailed on hard landscape drawings.
- Proposed bound gravel areas with small unit paver edge.
- Proposed rolled gravel areas with timber edge.
- Proposed pedestrian crossing
- Proposed ground graphics/edgings
- Trim trail/Orienteering stations
- Proposed covered cycle storage
- Proposed formal/informal seating
- Potential location for tensile structure
- Proposed 2.4m high weldmesh fence with matching vehicular and pedestrian gates.
- Proposed 1.0m high pedestrian guardrail.
- Proposed 1.2m high post and wire fence.
- 3m high tarmac games area fence with matching vehicular and pedestrian gates.
- Existing boundary treatments to be retained and repaired where necessary.
- 164.810 Indicative proposed levels.

Notes

1. Highways works as per approved planning drawing
2. Bridleway works as per approved planning drawing
3. Main vehicular access
4. North pedesrian access
5. Bus drop-off area
6. South pedestrian access
7. Parent drop-off area (5 no. spaces)
8. Upper car park (44no. spaces inc. disabled
9. Disabled spaces (5no. spaces)
10. Main entrance plaza
11. Main access bridge
12. Library garden
13. Secondary bridge for fire exit
14. Exhibition space
15. Pedestrian access to sports facilities
16. Performance area/amphitheatre with tensile structure
17. Location for potential tensile structure
18. Outdoor gym
19. Secondary performance area/amphitheatre
20. Outdoor classrooms
21. Relocated stones from end of existing Cronkhill lane
22. Nature Walk along Cronkhill Lane. Existing hedges retained, hard surfacing reduced to a 3m strip with wildflowers verges on either side
23. Links through Cronkhill Lane nature walk to sports facilities via areas where Japanese Knotweed is to be removed
24. External dining area
25. Maths yard
26. Hard play area with ground graphics marking games and courts
27. Sloped and stepped earth features
28. East Vista. Avenue of trees leading views from external dining to sculpture and habitat area to the east
29. Aboretum
30. Kitchen garden with raised planters and fruiting bushes
31. Orchard
32. Native woodland planting as screening
33. Hard games courts (3no. basketball, 5no. tennis, 1no. 5-a-side)
34. Grass viewing terrace. Earth sculpture forming a series of steps.
35. Synthetic turf pitch
36. Long/triple jump. Area for high jump
37. Soft play area
38. Lower carpark (83no. spaces)
39. Energy centre - flue to meet Environmental Health discharge requirements
40. Service yard containing bin store, sprinkler tank and minibus parking space
41. Covered outdoor classroom
42. Technology/Construction yard
43. Music themed outdoor classroom
44. Science terrace
45. Covered cycle store (160no. spaces)
46. Middle carpark (28no. spaces incl. 4no. disabled)
47. Science themed outdoor classroom
48. Lower entrance plaza
49. Trim trail/Orienteering stations
50. Javelin
51. Large football (91x50m)
52. Reedbeds
53. Habitat area incl. bog gardens/woodland planting and wildflower meadow
54. Shot put/discus circles
55. Rounders
56. Athletics track - 400m, 8 lanes
57. Training grids
58. Large rugby pitch (95x50m)
59. Cricket pitch
60. Gate to access the river - opportunity to use as a learning resource
61. Earth mounding with informal track for use during sports training and cross country.

Site Furniture type and location to be agreed with the school.		
Benches	Chantry Standard by Broxap , and/or WMB48 by Wybone	20 No.
Litter Bins	Derby Slimline by Broxap , and/or MV/40 by Wybone	18 No.
Picnic tables	Triangula Timber Table by Schoolscapes	10 No.
Bollards	Broxap BX14 650182-RT	15 No.

All products to be similar or approved.
Galvanised and polyester powder coated to an -

NOTE
All doorways to have level access.
Manholes in paving to have recessed co.

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TYPICAL PLANTING PALETTE

Individual large trees to entrance plazas and key areas
Heavy Standards - Girth to be 16-18cm

- *Acer platanoides spp*
- *Alnus cordata*
- *Betula pendula spp*
- *Carpinus betulus cloniosis*
- *Fagus sylvatica*
- *Quercus robur*
- *Tilia platyphyllos*
- *Sorbus aucuparia spp*
- *Sorbus intermedia spp*

Individual trees to carparks and other areas
8-10cm girth - Light Standards

- *Acer spp*
- *Betula spp*
- *Prunus spp*
- *Sorbus spp*
- *Tilia spp*

Woodland/Structure Planting

- *Acer pseudoplatanus*
- *Alnus cordata*
- *Fraxinus excelsior*
- *Prunus avium*
- *Quercus robur*
- *Salix caprapaea*
- *Sorbus intermedia*
- *Tilia cordata*

Woodland Edge Planting

- *Acer campestre*
- *Cornus alba*
- *Coryzus avellana*
- *Crataegus monogyna*
- *Ilex aquifolium*
- *Rosa canina*
- *Rosa rugosa*
- *Salix spp*
- *Viburnum opulus*

Structure and woodland edge planting to be established at 1.5m² size, generally to be 60-90cm high and bare root.

Native Hedge Planting

- *Acer campestre*
- *Cornus alba*
- *Coryzus avellana*
- *Crataegus monogyna*
- *Ilex aquifolium*
- *Rosa canina*
- *Rosa rugosa*
- *Salix spp*
- *Viburnum opulus*

Formal Hedge Planting

- *Fagus sylvatica*
- *Carpinus betulus*

All hedge planting to be planted in double staggered rows 300mm apart and at 300mm centres

Shrubs
For courtyards, entrances and educational value
Typically 30-40cm high in 3L Containers

- *Berberis spp*
- *Buddleia spp*
- *Choisya spp*
- *Cornus spp*
- *Corylus spp*
- *Cotoneaster spp*
- *Cystus spp*
- *Escallonia spp*
- *Hebe spp*
- *Hedera spp*
- *Hydrangea spp*
- *Pinus spp*
- *Pyracata spp*
- *Rotia spp*
- *Lavatgula spp*
- *Lonicera spp*
- *Phormium spp*
- *Prunus laurocerasus*
- *Ulex latifolisimum*
- *Hyptelis lupulus*
- *Sperticum junceum*
- *Phormium tenax*
- *Salix ss*
- *Ribes sp*
- *Hippophae rhamnoides*
- *Camelia sp*
- *Elaeagnus x ebbingei*
- *Malva Moschata*
- *Amelanchier sp*
- *Allium sp*
- *Mentha officinalis*
- *Glisto blobs*
- *Aloe vera*
- *Cornus sp*
- *Bamboo (various)*
- *Rhus verticillus*
- *Vitis sp*
- *Camellia sp*
- *Rheum sp*
- *Hamamelis virginiana*
- *Symphytum officinale*

Climbers
20-30cm - 3L Containers - Planted at 6 per m²

- *Clematis spp*
- *Hydrangea spp*
- *Hedera spp*
- *Parthenocissus spp*

Bulb Planting
Planted for seasonal variety at 30 per m²

- *Narcissus, crocus spp*

Emergent Planting
Appropriate species for bog gardens and ponds will be used and sited where these features are developed for either attenuation or as a learning resource.

Grass, Wildflower Seed Mixes

- British Seed Houses Amenity Mix A24 Wear and Tear at recommended rate of 35 gms/m² or similar approved.
- Wildflower Seed
- British Seed Houses WFG9 wetland areas. British Seed Houses WFG15 (Countryside) all to be sown at 5gms/m²

Herbaceous and Ornamental Grasses
Typically 30-40cm in 3L containers

- *Bergenia spp*
- *Carex spp*
- *Euphorbia spp*
- *Festuca spp*
- *Geranium spp*
- *Rhuta spp*
- *Phylostachys spp*
- *Sasa spp*
- *Stipa spp*