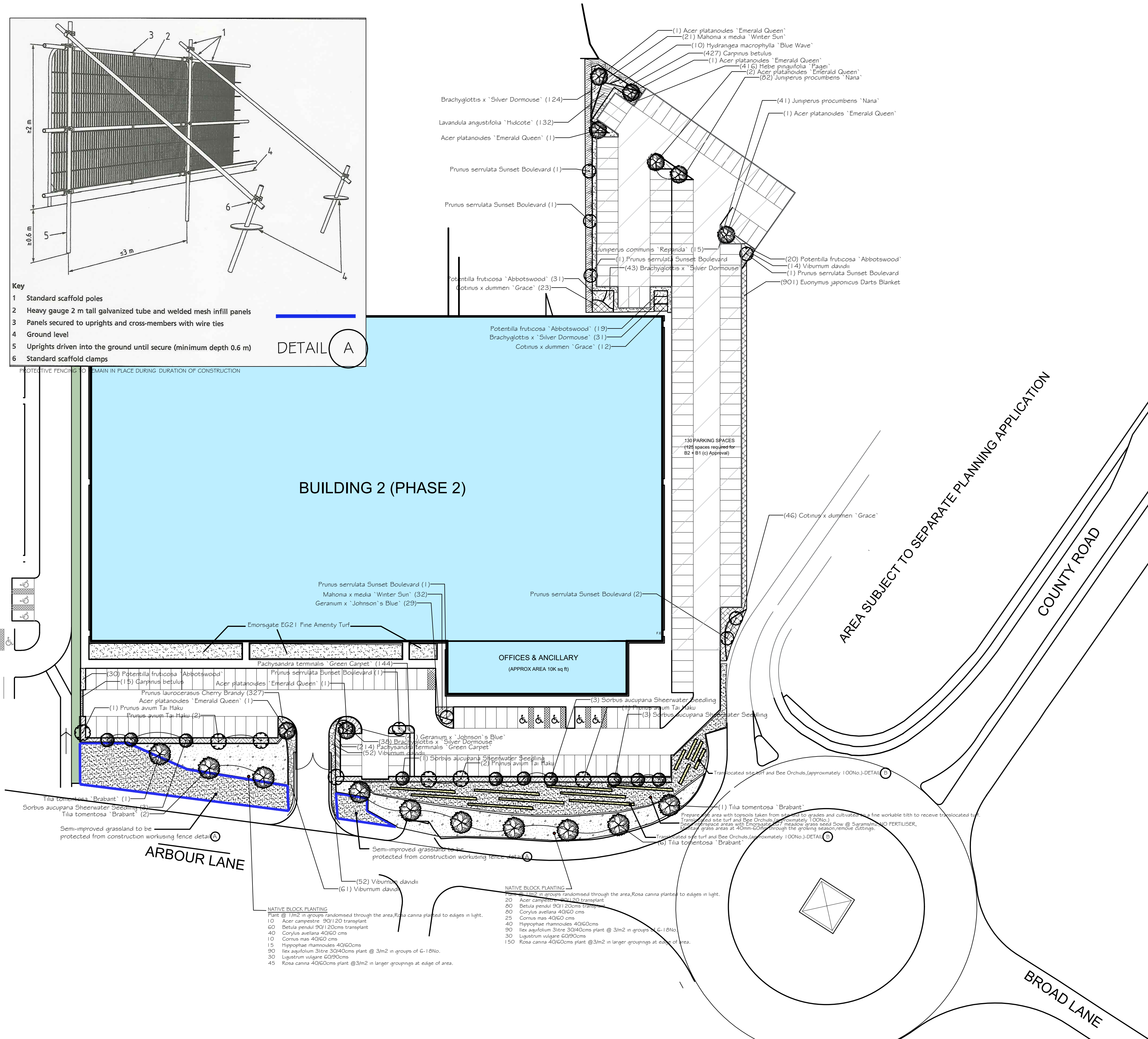


PLANT SCHEDULE					
TREES	BOTANICAL NAME	ROOT	GIRTH	SIZE	
8	Acer platanoides 'Emerald Queen'	Rootballed	16-18cms		
7	Prunus avium Tai Haku	open ground/root wrapped	8-10cms		
8	Prunus serrulata Sunset Boulevard	open ground/root wrapped	8-10cms		
10	Sorbus aucupana Sheerwater Seedling	Rootballed	14-16cms girth		
10	Tilia tomentosa 'Brabant'	Rootballed	16-18cms		
SHRUB AREAS	BOTANICAL NAME	CONT	SIZE	DENSITY	SPACING
236	Brachyglottis x 'Silver Dormouse'	3L	40-60cm	4/m2	400mm
442	Carpinus betulus	open grown	100-125cms	hedge double row @6/m	500mm
81	Cotinus x dummen 'Grace'	3L	40-60cm	3/m2	650mm
901	Euonymus japonicus Darts Blanket	2L	10-15	8/m2	350mm
70	Geranium x 'Johnson's Blue'	2L	10-15	8/m2	450mm
416	Hebe pinguifolia 'Pagei'	2L	10-15	5/m2	450mm
10	Hydrangea macrophylla 'Blue Wave'	5L	40-60cm	3/m2	700mm
15	Juniperus communis 'Repanda'	3L	40-60cm	4/m2	450mm
123	Juniperus procumbens 'Nana'	3L	10-15	5/m2	500mm
132	Lavandula angustifolia 'Hidcote'	3L	10-15	5/m2	450mm
53	Mahonia x media 'Winter Sun'	3L	40-60cm		550mm
358	Pachysandra terminalis 'Green Carpet'	2L	10-15	8/m2	250mm
100	Potentilla fruticosa 'Abbotswood'	2L	10-15	4/m2	450mm
699	Prunus laurocerasus Cherry Brandy	3L	20-30		450mm
127	Viburnum davidii	3L	20-30	4/m2	650mm

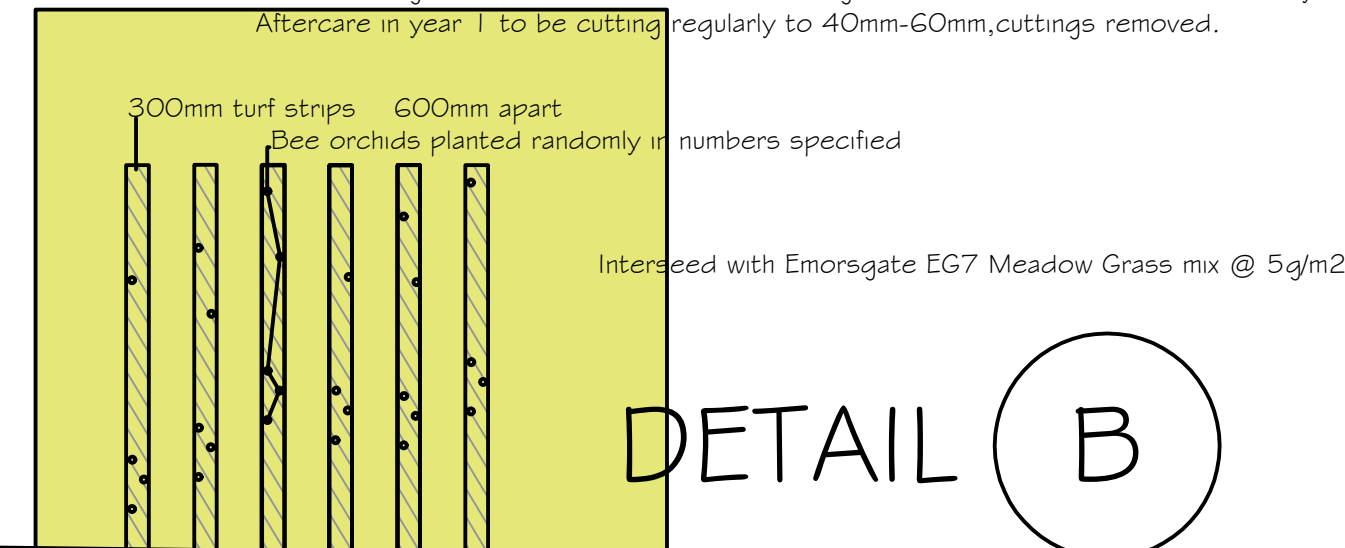
NATIVE PLANTING BLOCK					
30	Acer campestre	90/120cms	open ground	1/m2	110mm
140	Betula pendula	"	"	"	"
120	Corylus avellana	"	"	"	"
35	Cornus mas	40/60cms	"	"	"
180	Ilex aquifolium	3litre 30/40cms	pg	3/m2 in groups of 5-15No.	
55	Hippophae rhamnoides	60/90cms	og	1/m2	
60	Ligustrum vulgare	60/90cms	og	1/m2	
195	Rosa canina	30/40	og	3/m2 Plant at edges of space in groups of 18-36	

PLANTING NOTES
TREES
Shall be planted into excavated pits 2m by 2m by 1m deep, base of pit broken up to 300mm and backfilled with topsoil from site, lightly consolidated.
Secure trees to 2No. 100mm uprights, driven firm to a height of 800mm set 900mm apart to avoid the rootball.
Fix a crossrail from 75mm by 50mm with exterior screws.
Secure tree to crossrail with a rubber spacer block and rubber strapping screwed to fix.
Cover tree pits with a 75mm bark mulch.
SHRUB AND HEDGE PLANTING
Allow 350mm of soil for planting areas.
Plant hedges in a double staggered row 300mm apart, place spiral rabbit guards on the transplants.
Place a bark mulch 75mm thick on completion.
GENERALLY
Allow for watering newly planted areas.
GRASSLAND SEED
To be Emorsgate EG7 Sandy Meadow mix sown @ 5grams/m2
AMENITY GRASS AREAS
To be Emorsgate EG21 Fine Amenity Turfgrass Mix.
Reduce soil areas, (150mm minimum depth), remove all debris create a fine tilth, grade evenly, apply a pre-seed fertiliser at manufacturers specifications 10days prior to seeding.
Sow mix @ 25grams/m2 in two equal transverse sowings, raked in and rolled on completion.

Allow for plant failures and replacement based on failures during the first year following practical completion.
The site owner will also be responsible for plant failures occurring during the following four year period to the satisfaction of the local authority.

METHODOLOGY
EXISTING SITE BEE ORCHIDS
In various locations in the grassland are approximately 250No. Bee Orchids (see attached photograph) to be relocated. Around 100No. can be translocated with existing turf in this scheme.
PRE-SITE COMMENCEMENTS OPERATION 1
Prior to commencement of the site works the landscape contractor is required to harvest the orchids relocating to protected grass areas existing or prepared specifically prior to main contract works as shown on drawing within the CEZ (Construction Exclusion Zone)
LIFTING METHOD
Around individual Orchids cut vertically down with a sharp spade 200mm and cut four sides 200mm wide aiming to lift a complete turf/bung.
The turf bungs can be moved directly into the areas indicated and prepared by the main contractor being planted back in the same way, firmed and lightly watered.
PRE-SITE COMMENCEMENTS OPERATION 2
Areas of existing grassland are to be lifted by turf cutter and integrated into the new grass areas as rib sod with infill seeding Emorsgate EG7 sown @ 5g/m2.
The Bee Orchids can then be transplanted permanently into the new habitat following translocation of existing grassland.
EXISTING GRASSLAND
Selected parts of the existing grassland shall be lifted by turf cutter and re-laid over the proposed grass area.
Cultivate, clean and grade topsoil ready for turf, DO NOT APPLY A PRE-LAY FERTILISER, lay turf over prescribed areas infill gaps with sandy soils.
Lightly roll the completed area.
SEMI-IMPROVED GRASSLAND
The area identified by the consultant ecologist for preservation fronts Arbour Lane and shall be protected prior to construction with Construct Exclusion Fence illustrated in detail here, and as that used in BS:5837:2012.
Maintain the exclusion fencing throughout construction and the landscape contractor shall carry out maintenance in this area as specified by the ecological consultant.

CONSERVED GRASS-HARVESTING/RE-LAYING
Existing turf to be harvested and re-laid to accommodate the Bee Orchid plugs.
The remaining area is to be seeded with Emorsgate EG7 Meadow Grass mix for Sandy Soil sown @ 5grams/m2.
Aftercare in year 1 to be cutting regularly to 40mm-60mm, cuttings removed.



PLANTING PROPOSALS

Academy Business Park, Lees Road, Knowsley

Proposed Amended Access and Car-Parking

Orbit Developments
Emerson House, Heyes Lane, Alderley Edge, Cheshire

Proposed Layout
Scale 1:500 @ A1
03/04/2018

Drawing : 18-005

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