

1. Plant handling at the nursery, and during transit up to delivery, shall be in accordance with 'Plant Handling', the booklet published by the Committee for Plant Supply and Establishment (CPSE). The contractor shall comply with clauses 3 & 4 of the above booklet (obtained from the Horticulture Trades Association, 19 High Street, Theale, Reading, Berks RG7 5H) which refers to the receipt, unloading and temporary storage of plants.
2. Plants shall be first class examples of their species or variety, free from all pests and diseases, with good fibrous root systems and materially undamaged (refer to relevant sections of BS3936 Parts 1-4 'Specification of Nursery Stock'). Contractors to try and source plants from a nursery which uses Peat Free Compost.

4. Tree Planting: A peat free compost and slow release tree fertiliser should be incorporated into the back fill material for all trees.

- 10-12cm girth - Trees to be planted in pits 800 x 800 x 600mm deep and base broken out to facilitate drainage.
- 14-16cm girth - Trees to be planted in pits 1000 x 1000 x 750mm deep and base broken out to facilitate drainage.

- All beds should be free draining and free from builders rubble and large stones. There should be min 450mm of good quality top soil to all the shrubs beds (which is expected to be supplied by the house builder).
- Areas to be treated with a non-residual based herbicide prior to planting and cultivated to a depth of 150mm.
- A slow release fertiliser mixed with a peat free compost should be incorporate into the back fill material when planting the shrubs to give them the best possible chance of establishment.
- For hedges dig a trench the full length of the hedge 500mm wide x 400mm deep and break up the base to facilitate drainage.

- The internal surface of the bed should be free from weeds, stones or rubble and the surface of the soil cultivated to level out any clumps, mounds or depressions.
- When planted all shrub beds are to be mulched with 50mm depth of small grade bark mulch.
- The beds should be maintained weed free and the beds topped up annually with bark mulch as required.

- Areas should be cleared, grading and then a 150mm based on 3 tables and large stones.
- There should be min 150mm of good quality top soil to all the areas to be turfed.
- Areas to be cultivated to a depth of 150mm and finished to a fine tilth with smooth even contours and gradients.
- Prior to seeding the areas should be sprayed with a non-residual based herbicide.
- Ensure that the grass is maintained to 25-50mm and once established mown min 12 times a year in the growing season.

- establishment until the roots have established. Increased site visits will be required in periods of drought when there has been no or limited rainfall in a two period. In this case water all of the shrubs beds and grass until the ground is fully saturated to avoid the plants dying.
- For the trees in the first year of establishment and in subsequent years if there is a drought.
 - Water with the following volumes once every 2-4 weeks regardless of rainfall:
 - 10-12cm trees - 150 litres minimum per month.

Bar should be maintained weed free by regularly hand weeding the beds. Do not use weed killer as a regular means of reducing weeds. Maintaining the bark mulch will also help to naturally reduce weed growth and will maintain moisture in the soil reducing the need for regular watering. Top up in year two and subsequent years for the duration of the show arena as required.

Planting Schedule						
Trees						
Abb	Species	Specification	Height	Girth	Total	
A	<i>Acacia campestre</i>	2x Selected Standard Clear Stem min. 200 x 4 brks .RB	300-350cm	10-12cm	3	
B	<i>Amelanchier lamarkii</i>	2x Selected Standard Clear Stem 175-200 x 5 brks .RB	250-300cm	10-12cm	2	
A	<i>Acacia atkinsii</i> 'Emerald Queen'	2x Selected Standard 4 brks .RB Clear Stem min. 200cm	300-350cm	10-12cm	2	
L	<i>Leucadendron</i>	2x Selected Standard Clear Stem min. 200 x 4 brks .RB	300-350cm	10-12cm	5	
C	<i>Carpinus betulus</i> 'Frans Fontaine'	2x Selected Standard Clear Stem min. 200 x 4 brks .RB	300-350cm	10-12cm	2	
C	<i>Crategea monogyna</i>	2x Selected Standard Clear Stem 175-200 x 4 brks .RB	300-350cm	10-12cm	2	
C	<i>Prunus avium</i>	2x Selected Standard Clear Stem min. 200 x 4 brks .RB	300-350cm	10-12cm	2	
S	<i>Salix alba</i>	2x Selected Standard Clear Stem 175-200 x 4 brks .RB	300-350cm	10-12cm	2	
T	<i>Tilia cordata</i> 'Greenspire'	2x Selected Standard Clear Stem 175-200 x 4 brks .RB	300-350cm	10-12cm	5	
P	<i>Philadelphus</i> 'Chanticleer'	3x Extra Heavy Standard Clear Stem 150-175 x 5 brks .RB	400-450cm	14-16cm	7	
P	<i>Prunus avium</i>	2x Selected Standard Clear Stem 175-200 x 4 brks .RB	300-350cm	10-12cm	2	
P	<i>Platanus x hispanica</i>	3x Extra Heavy Standard Clear Stem 175-200 x 5 brks .RB	400-450cm	14-16cm	1	

Ce	Carpinus betulus	I+2: Feathered: B	100-125cm	4/m	281	
Native Shrub Mix						
Abb	Species	Specification	Pot	Height	Mix %	Total
CSHF	<i>Cornus sanguinea</i> 'Midwinter Fire'	+1: -Branch: 3 bris: -BR		60-80cm	10%	13
C	<i>Corylus avellana</i>	+2: -Branch: 3 bris: -BR		60-80cm	20%	26
Cmo	<i>Crataegus monogyna</i>	+1: -Transplant: BR		60-80cm	30%	38
IL	<i>Ilex aquifolium</i>	Leader with laterals	5-7.5L	60-80cm	10%	13
HALSY	<i>Malus sylvestris</i>	+1: -Transplant: BR		60-80cm	10%	13
P	<i>Prunus padus</i>	+1: -Transplant: BR		60-80cm	10%	13
R can	<i>Rosa canina</i>	+1: -Branch: 3 bris: -BR		60-80cm	10%	13

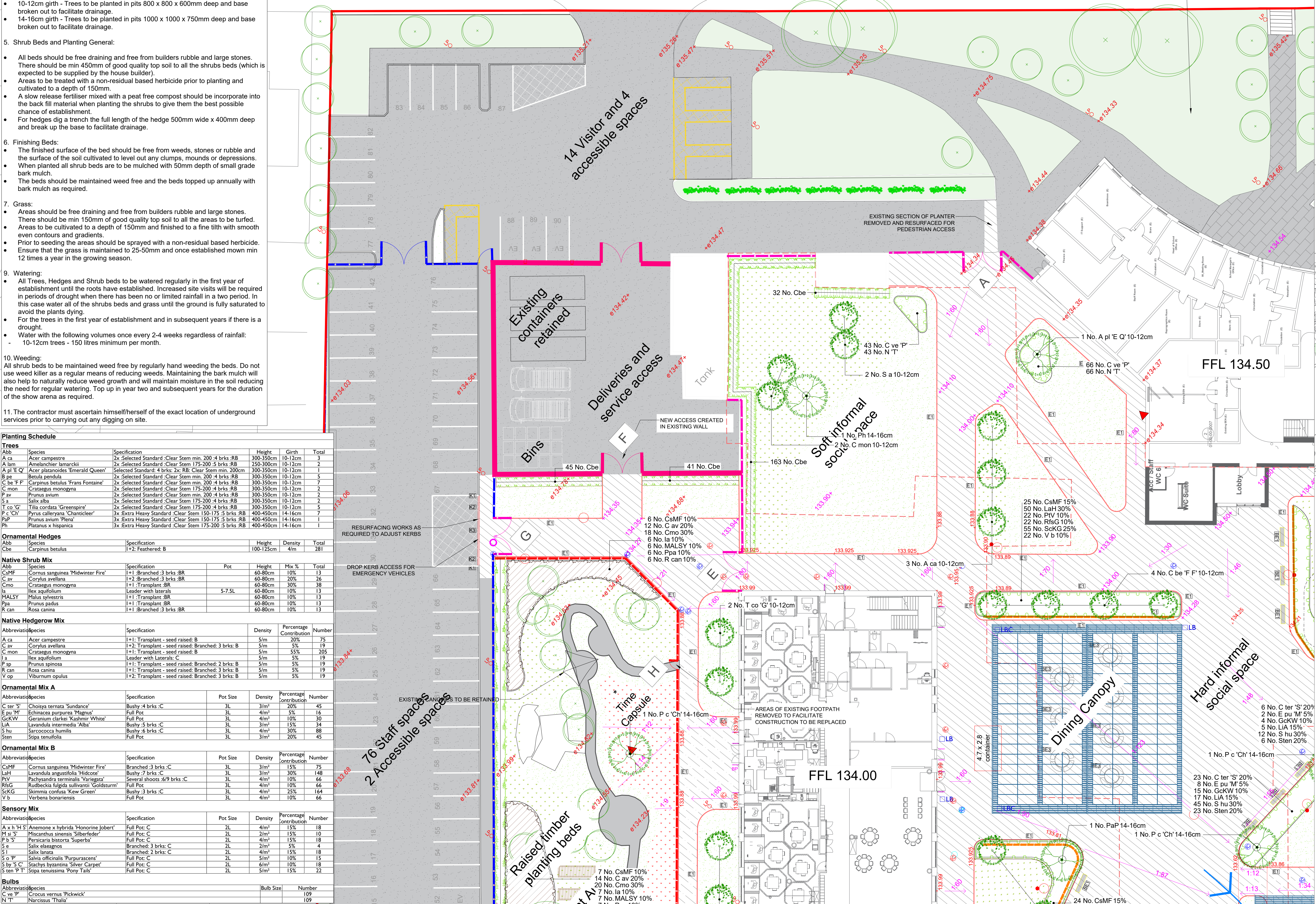
Cat	Species	Transplant	seed raised	B	5/m	Contribution	1992
A	<i>Acer campestre</i>				5/m	20%	75
C	<i>Corulus avellana</i>				5/m	5%	19
C	<i>mon</i>				5/m	55%	205
C	<i>mon</i>				5/m	55%	205
I	<i>Ilex aquifolium</i>				5/m	5%	19
P	<i>Prunus spinosa</i>				5/m	5%	19
R	<i>Rosa canina</i>				5/m	5%	19
V	<i>Viburnum opulus</i>				5/m	5%	19

C	S	Contribution	
C'er	Choisya ternata 'Sundance'	Bushy 4 brks	3L 3m ³ 20% 45
E'hu	Echinacea purpurea 'Hermes'	Full Pot	3L 5% 46
GCKW	Geranium clarkii 'Kashmir White'	Full Pot	3L 4m ³ 10% 30
LiA	Lavandula intermedia 'Alba'	Bushy 5 brks	3L 3m ³ 15% 34
S'hu	Sarcococca humilis	Bushy 6 brks	3L 4m ³ 30% 88
Sten	Stipa tenuifolia	Full Pot	3L 3m ³ 20% 45

			Contribution		
CaMF	<i>Cornus sanguinea</i> 'Midway Fire'	Branchy 3 brks :C	3L	15%	75
LaH	<i>Lavendula angustifolia</i> 'Hidcote'	Bushy 7 brks :C	3lm ²	30%	148
PtV	<i>Pachysandra terminalis</i> 'Variegata'	Several shoots -6/9 brks :C	3L	4im ³	66
RfG	<i>Rudbeckia fulgida</i> sylvatica 'Goldsturm'	Full Pot	3L	4im ³	66
ScKG	<i>Scimmia confusa</i> 'Kew Green'	Bushy 3 brks :C	3L	4im ³	164
V b	<i>Verbena bonariensis</i>	Full Pot	3L	4im ³	66

A x H S	Common Name	Full Pot:	C:	2L	4m ³	15%	10
M s S	<i>Anemone x hybrida</i> 'Honoring Jobert'	Full Pot:	C:	2L	4m ³	15%	10
P b S	<i>Miscanthus sinensis</i> 'Silberfeder'	Full Pot:	C:	2L	4m ³	15%	10
S e	<i>Persicaria bistorta</i> 'Superba'	Full Pot:	C:	2L	4m ³	15%	18
S e	<i>Salix elaeagnos</i>	Branched: 3 brks:	C:	2L	4m ³	15%	4
S e P	<i>Salix lanata</i>	Branched: 2 brks:	C:	2L	4m ³	15%	18
S o P	<i>Salvia officinalis</i> 'Purpurascens'	Full Pot:	C:	2L	4m ³	10%	15
S b S C	<i>Stachys byzantina</i> 'Silver Carpet'	Full Pot:	C:	2L	6m ³	10%	18
S ten P T	<i>Stipa tenuissima</i> 'Pony Tails'	Full Pot:	C:	2L	5m ³	15%	22

Bulbs		Bulb Size	Number
Abbreviation	Species		
C ve 'P'	Crocus vernus 'Pickwick'		109
N 'T'	Narcissus 'Thalia'		109



SITE

 **EXISTING TREES TO BE RETAINED**
To be protected during the construction works to B55837-2012
Refer to Arboricultural Impact Assessment

 **Q20 AMENITY GRASS SEEDING**
To be sown with Germinal Amenity WFGQ20 Eco Species Rich Lawn[®], or equal approved at a rate of 5g/m² (150mm topsoil required) (Q28B70).

 **Q20 MEADOW GRASS SEEDING**
To be sown with Germinal Amenity WFG15 Countryside School and College[®] Mix, or equal approved at a rate of 5g/m² 150mm topsoil required (Q28B70).

 **Q20 SPORTS TURF SEEDING**
To be sown with Germinal Amenity A30 Rapid Sports Renovator[®] Mix, or equal approved at a rate of 35g/m². Topsoil and subsoil requirements to STRI Fluff specification.

 **Q21 EXTRA HEAVY STANDARD TREE PLANTING**
Ornamental trees planted as Extra Heavy Standard, 14-16cm girth, 425-600cm high, clear stem 175-200mm, root-balled, 3x transplanted, 4-5 barked. Supplied with single short stake and irrigation. 400mm topsoil on top of 500mm subsoil (Q28B70).

 **Q21 STANDARD TREE PLANTING**
Ornamental and Native trees to be planted as Selected Standards, 10-12cm girth, 300-350cm high, clear stem 175-200mm, root-balled, 2x transplanted, 4 barked. Supplied with single short stake and irrigation system. 400mm topsoil on top of 500mm subsoil.

 **Q21 NATIVE HEDGE PLANTING**
Native and shrub mix to include *Acer campestre*, *Corylus avellana*, *Lex aquifolium*, *Prunus spinosa*, *Rosa canina*, *Viburnum opulus*. Planted at 60-80cm, bare root, 1+1; Transplant - seed raised, brached. Planted with biodegradable spiral guards and bamboo canes in a double staggered row, at a density of 60lin/m. 400mm topsoil depth required (Q28B70). 75mm medium grade bark mulch.

 **Q21 NATIVE SHRUB MIX**
Native shrub mix to include planted at 60-80cm, bare root, 1+1; Transplant - seed raised; brached. Planted with biodegradable spiral guards and bamboo canes in a double staggered row, at a 1.0m centres. 400mm topsoil depth required (Q28B70). 75mm medium grade bark mulch.

 **Q21 ORNAMENTAL HEDGE PLANTING**
Single species ornamental evergreen hedge planted at 100-120cm, bare root, 1+1; Transplant - seed raised, brached. Planted with biodegradable spiral guards and bamboo canes in a double staggered row, at a density of 50lin/m. 400mm topsoil depth required (Q28B70). 75mm medium grade bark mulch.

 **Q21 ORNAMENTAL PLANTING**
Mix of nectar-producing shrubs and perennial species suitable for attracting invertebrates and ornamental grasses, 2-3, and associated at a density of 5m². Beds to be finished with 75mm depth medium grade bark mulch. 400mm topsoil depth required (Q28B70).

 **Q21 BULB PLANTING**
Drifts of Spring-flowering bulbs planted at a rate of 15-20cm² eg. *Narciss*, *Galanthus*, *Crocus* sp.



Client
Morgan Sindall

Project
Newhouse Academy, Rochdale

Description

PLANTING PLAN 1 of 4

Status Drawn
Construction AH

Scale Drawing number
1:200 @ A1 SRP1019-DEP-ZZ-00-DR-L-0201

Job number (Internal)	Date	Revision
4847	24.05.22	G03

Copyright DEP Landscape Architecture Ltd

All levels and dimensions to be checked on site by contractor prior to commencement; Any variations to be reported to the client. This drawing is to be read in conjunction with all others relating to the project and all information derived accordingly; any anomalies to be reported to the client. Do not scale from this drawing. Use figured dimensions only. Work shown on this drawings to be carried out in accordance with current British Standards and Codes of Practice.

© Copyright to DEP Landscape Architecture Limited. The information shown on this drawing shall not be reproduced or copied in any form without prior written consent from DEP Landscape Architecture Limited.