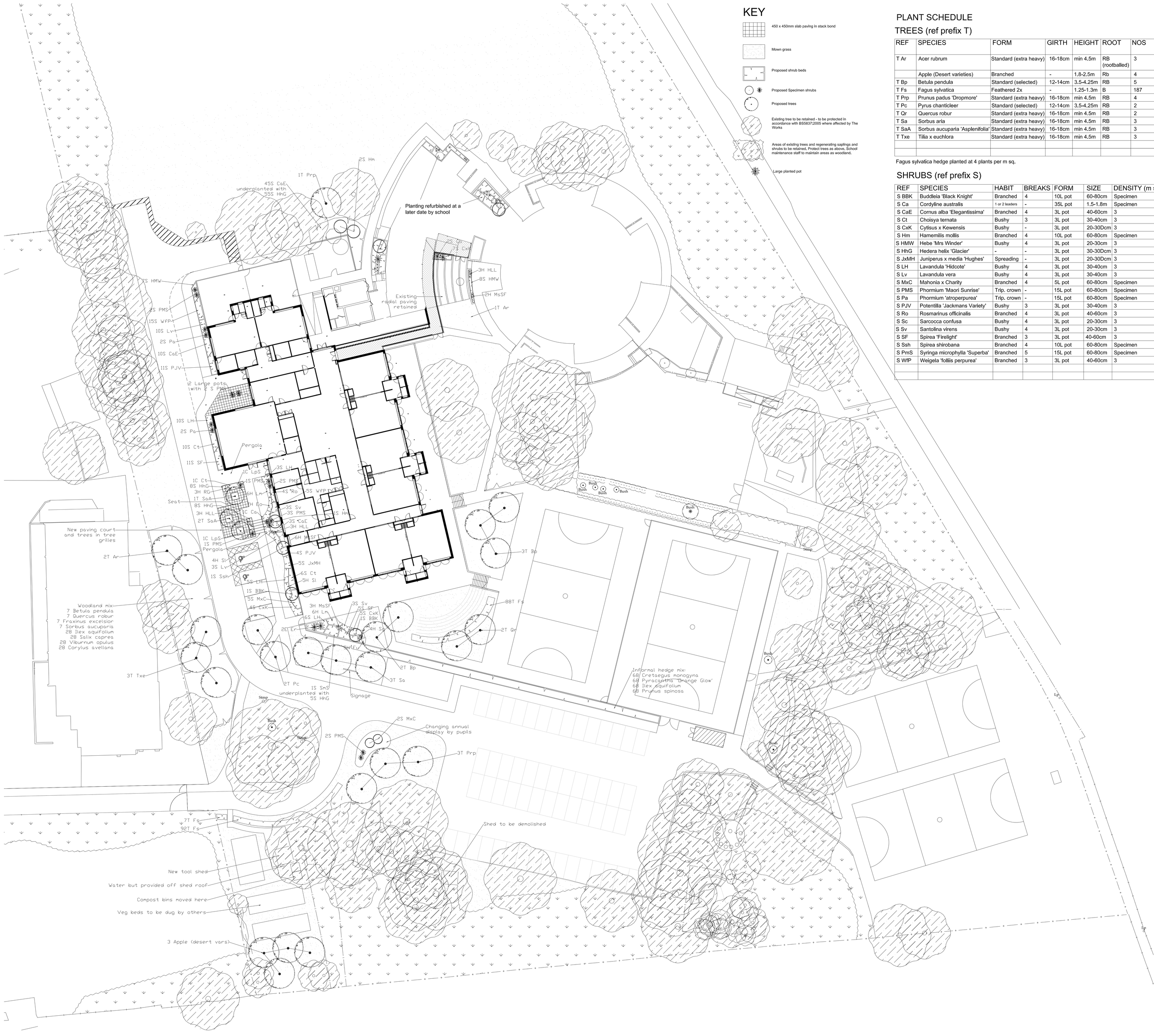
1:250



KEY

- 450 x 450mm slab paving in stack bond
- Mown grass
- Proposed shrub beds
- Proposed Specimen shrubs
- Proposed trees
- Existing tree to be retained - to be protected in accordance with BS5837:2005 where affected by The Works
- Areas of existing trees and regenerating saplings and shrubs to be retained. Protect trees as above, School maintenance staff to maintain areas as woodland.
- Large planted pot

PLANT SCHEDULE

TREES (ref prefix T)

REF	SPECIES	FORM	GIRTH	HEIGHT	ROOT	NOS
T Ar	Acer rubrum	Standard (extra heavy)	16-18cm	min 4.5m	RB (rootballed)	3
	Apple (Desert varieties)	Branched	-	1,8-2.5m	Rb	4
T Bp	Betula pendula	Standard (selected)	12-14cm	3,5-4,25m	RB	5
T Fs	Fagus sylvatica	Feathered 2x	-	1,25-1.3m	B	187
T Prp	Prunus padus 'Dropmore'	Standard (extra heavy)	16-18cm	min 4.5m	RB	4
T Pc	Pyrus chanticleer	Standard (selected)	12-14cm	3,5-4,25m	RB	2
T Qr	Quercus robur	Standard (extra heavy)	16-18cm	min 4.5m	RB	2
T Sa	Sorbus aria	Standard (extra heavy)	16-18cm	min 4.5m	RB	3
T SaA	Sorbus aucuparia 'Asplenifolia'	Standard (extra heavy)	16-18cm	min 4.5m	RB	3
T Txe	Tilia x euchlora	Standard (extra heavy)	16-18cm	min 4.5m	RB	3

Fagus sylvatica hedge planted at 4 plants per m sq.

SHRUBS (ref prefix S)

REF	SPECIES	HABIT	BREAKS	FORM	SIZE	DENSITY (m sq)	NOS
S BBK	Buddleia 'Black Knight'	Branched	4	10L pot	60-80cm	Specimen	2
S Ca	Cordyline australis	1 or 2 leaders	-	35L pot	1.5-1.8m	Specimen	2
S CaE	Cornus alba 'Elegantissima'	Branched	4	3L pot	40-60cm	3	58
S Ct	Choisya ternata	Bushy	3	3L pot	30-40cm	3	16
S CxK	Cytisus x Kewensis	Bushy	-	3L pot	20-30Dcm	3	16
S Hm	Hamemilis mollis	Branched	4	10L pot	60-80cm	Specimen	3
S HMW	Hebe 'Mrs Winder'	Bushy	4	3L pot	20-30cm	3	15
S HhG	Hedera helix 'Glacier'	-	-	3L pot	30-30Dcm	3	76
S JxMH	Juniperus x media 'Hughes'	Spreading	-	3L pot	20-30Dcm	3	5
S LH	Lavandula 'Hidcote'	Bushy	4	3L pot	30-40cm	3	24
S Lv	Lavandula vera	Bushy	4	3L pot	30-40cm	3	13
S MxC	Mahonia x Charity	Branched	4	5L pot	60-80cm	Specimen	7
S PMS	Phormium 'Maori Sunrise'	Trlp. crown	-	15L pot	60-80cm	Specimen	13
S Pa	Phormium 'atropurpurea'	Trlp. crown	-	15L pot	60-80cm	Specimen	4
S PJV	Potentilla 'Jackmans Variety'	Bushy	3	3L pot	30-40cm	3	15
S Ro	Rosmarinus officinalis	Branched	4	3L pot	40-60cm	3	4
S Sc	Sarcocca confusa	Bushy	4	3L pot	20-30cm	3	7
S Sv	Santolina virens	Bushy	4	3L pot	20-30cm	3	6
S SF	Spirea 'Firelight'	Branched	3	3L pot	40-60cm	3	16
S Ssh	Spirea shirobana	Branched	4	10L pot	60-80cm	Specimen	1
S PmS	Syringa microphylla 'Superba'	Branched	5	15L pot	60-80cm	Specimen	1
S WfP	Weigela 'folliis perpurea'	Branched	3	3L pot	40-60cm	3	20

HERBACEOUS (ref prefix H)

REF	SPECIES	FORM	DENSITY	NOS
H Er	Echinops ritro	1L pot	5	2
H Eo	Eryngium olivarianum	2L pot	5	7
H Fu	Filipendula ulmarium	2L pot	5	5
H HLL	Hemerocallis 'Luxury Lace'	2L pot	5	9
H Lm	Leucanthemum maximum	2L pot	5	12
H MsSF	Miscanthus sinensis 'Silber Feder'	2L pot	5	11
H Rg	Rudbeckia 'goldstrum'	2L pot	5	3
H Sg	Solidago goldenmosa	2L pot	5	4
H Sl	Stachys lanata	2L pot	5	9

CLIMBERS (prefix C)

REF	SPECIES	FORM	HEIGHT	HABIT	NOS
C Ca	Clematis armandii	2L pot	60-80cm	Sev. shoots	1
C Ct	Clematis tangutica	2L pot	60-80cm	Sev. shoots	1
C Lp	Lonicera peri. serotina	2L pot	60-80cm	Sev. shoots	2

INFORMAL HEDGE MIX

SPECIES	FORM	X TRANS.	HEIGHT	ROOT	NOS
Cretaegus monogyna	Transplant	1+1	40-60cm	B	68
Pyracantha 'Orange Glow'	3L pot		40-60cm	C	68
Ilex aquifolium	3L pot		20-30cm	C	68
Prunus splnosa	Transplant	1+1	40-60cm	B	68

Hedge planted at 3 plants per m sq.

WOODLAND MIX MIX

SPECIES	FORM	X TRANS.	HEIGHT	ROOT	NOS
Betula pendula	Feathered	2x	125-150cm	B	68
Quercus robur	Feathered	2x	125-150cm	B	68
Fraxinus excelsior	Feathered	2x	125-150cm	B	68
Sorbus aucuparia	Feathered	2x	125-150cm	B	68
Ilex aquifolium	3L pot	-	40-60cm	C	68
Salix caprea	Transplant	1+1	40-60cm	B	68
Viburnum opulus	Transplant	1+1	40-60cm	B	68
Corylus avellana	Transplant	1+1	40-60cm	B	68

Planted in random species mix at 1.5m centres

OUTLINE SOFT SPECIFICATION

THESE NOTES APPLY TO ALL PLANTING SHOWN ON THIS DRAWING.

PLANT MATERIAL
All Plants shall conform to relevant British Standards: BS 3936 and 5326.
All plants shall be true to form, type & size. They shall be healthy, vigorous, pest and weed free.
No substitutes in size or species shall be made without the written consent of the landscape architect.

TOPSOIL & SUBSOIL
Where suitable topsoil can be recovered from site stockpiles subject to the approval of the CA. Imported topsoils to be to BS 3882:2007, if requested a comprehensive analysis of a representative sample of imported topsoil is to be made and the results made available prior to it's use on site.
Depths: Planting beds 400mm; Grass areas 150mm; tree pits as specified. Subsoil formation levels shall be achieved under the main contract. The subsoil shall be ripped prior to spreading the topsoil layer.

Soiling Works - Subsoil and Topsoil spreading.
Finished levels on soil surfaces adjacent to pavings/ hardstandings shall be +30mm above top of kerb level. Generally finished soil levels shall be graded out to smooth running levels between all edges and fixed points. Subsoil formation shall be free draining and free from standing water/ waterlogging, prior to spreading topsoil to stated depths.
All debris shall be cleared prior to spreading soils . Spreading to be carried out in suitable weather, ie not when the ground is waterlogged or frozen or during heavy rain. Machines with a ground pressure of 0.26kg/ cm shall not be used and any ground consolidated by machine tracks shall be forked over to relieve compaction.
Landscape architect to agree any final levels, adjustments and grades as required.

TREE PLANTING
Trees shall be planted into prepared pits located as shown on the drawing - 900 x 900 x 750mm deep or larger to accommodate roots as required.
Break up base to a further depth of 150mm and ensure sides are not glazed. Backfill with a mix of 70% topsoil and 30% compost . (eg a Tree & Shrub planting product, well rotted farm yard manure or other composted green waste).
Staking: Trees above 12-14cm girth to be double staked with 2nr 1.8m long stakes, untreated and driven into the ground to leave 600mm above GL. Fix with 2 nr rubber ties and spacers at 600mm above GL. Trees 12-14cm girth or below to be fixed as above but with 1nr stake.
Ensure trees are planted at their original ground level and water thoroughly to ground capacity after planting. All trees planted into new/ existing grass to have a 1m diameter clear area around the trunk covered with 50mm bark mulch.
All tree planting to be kept weed free during the maintenance and defects liability period.

SHRUB PLANTING
Shrubs to be planted into prepared pits located as shown on the drawing and to be backfilled with topsoil mixed with an approved slow release fertiliser such as Enmag general purpose to the manufacturers recommended rates.
Pits to be 75mm wider than the root spread and backfill gently, firming in around the roots.
Ensure shrubs are planted at their original ground level and water thoroughly to ground capacity after planting. All shrub areas to be covered with a minimum 50mm well composted bark mulch and to be kept weed free during the maintenance and defects liability period.

MAINTENANCE
The Contractor shall supply the landscape architect with a maintenance programme for approval prior to completion.

Existing retained grass should be cut on a fortnightly cycle throughout the growing season, surplus clippings to be removed from site. Allow for trimming all edges.

All planted areas shall be maintained in a clean and tidy condition with all litter and debris being removed at least once per month. They shall also be maintained in a weed free state throughout the growing season by chemical or manual means (note: the Contractor must confirm the absence of ornamental herbaceous plants before using herbicides on planting beds).
Maintenance items shall include: Weeding, pruning (as required), firming in after frost/human damage/high winds etc, control of pests and diseases, adjusting/ repairing tree ties as required and litter and debris removal.
All plants must also recieve adequate watering to ensure their health and survival.
A 50mm depth of well composted bark mulch is to be applied to all planted areas prior to handover.
Maintenance period: 12 months following Practical Completion.

TREE PLANTING MAINTENANCE
Annual maintenance to include 6nr visits to check ties and stakes and adjust where required

AMENITY GRASS
Sow seed onto 150mm depth of topsoil (imported or recovered from site storage heaps if suitable) to running levels and cultivated to a fine tilth. At least 10 days prior to seeding add pre seeding fertiliser (6:9:6), spread at a rate of 70g/ sq m. and rake in.
Seed mix to be BSH A22 low maintenance mix or similar approved, rate of spread to suppliers recommendations.
Fist Cut of Newly Seeded Areas:
Timing: When grass reaches 50-75mm height & is reasonably dry.
Remove debris, litter, earth clods and stones and cut to approximately 35mm high using a gang or cylinder mower.
Thereafter cut once per month for the remainder of the growing season to a height of 30-40mm.

Rev	Details	Date	Drawn
B	Planting reduced, changes at veg garden	28.07.09	JB
A	Changes as architects base 09.07.09	10.07.09	JB

environmental associates
environmental impact assessment | ecology | landscape | arboriculture | environmental planning

Client:	Synergy Architects
Project:	Richmond Primary School Hinckley
Title:	PLANTING PLAN
Drawing No:	EA / 5177 / R1 / 001
Scale:	1:250 @ A0
Date:	08.07.09
Revision:	B

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