LANDSCAPE SPECIFICATION

NOTE: All soft landscape works to be carried out in accordance with BS4428:1989.

SUBSOIL
Subsoil should be broken up to relieve compaction and aid drainage prior to topsoiling to the following depths:
- For light and non cohesive subsoils: 300mm
- For stiff clay and cohesive subsoils: 450mm
Immediately before spreading topsoil, remove stones larger than 50mm.

TOPSOIL
To be supplied and spread by the main contractor to the approval of the Landscape contractor, in accordance with BS 3882 :2007. To be a natural sandy loam, of medium texture, with a pH between 5.5 and 7.8, not more than slightly stony and free of pernicious weeds. Subsoil to be well broken up prior to top-soiling to relieve compaction. Topsoil depths should be:
Areas for Ornamental Shrub Planting: minimum 450mm

CULTIVATION
Weeds to be prevented from seeding or becoming established by applying a suitable herbicide and allowing the correct time to elapse, as directed by the manufacturer. Compacted soil to be broken up to a depth of 100mm, with any stones, grass tufts or rubbish larger than 50mm in any direction to be removed, leaving a regular and even surface. Suitable slow release fertiliser to be supplied and spread @ 50g/m2 to all planted areas.

CLIMATIC CONDITIONS
Topsoiling should be carried out in the driest conditions possible i cultivation to be carried out when the soil is moist, friable and not waterlogged or frozen. Topsoil should not be handled during or after heavy rainfall or when it is wetter than the plastic limit as defined by BS 3882. Planting should not take place in waterlogged conditions or when the ground is frozen.

SOIL AMELIORANT
Peat free compost to be spread over ornamental shrub beds @ minimum 50mm depth prior to cultivation.

TREES
All trees within shrub beds to be planted in separate pits in accordance with tree planting details.
Tree pit to be 1000mm depth including minimum 150mm thick drainage layer of well washed gravel with a geotextile layer separating growing medium from drainage layer. Pit bottom to be broken up to minimum depth of 250mm and sides to be scarified.
Trees to be backfilled with topsoil : tree planting compost 1:6 by volume. All plant material to comply with BS 3936 Part 1 :1992, be obtained from a nursery certified by the HTA and transported to site in accordance with the HTA Plant Handling Guide: 1996. All trees to be planted to the original root collar and the following methods should be implemented to secure them: Trees in soft - double staked using 75mm dia. pressure treated timber stakes and cross bar, secured with tree tie and spacer at a height not exceeding 1/3 of the tree height. Trees in hard - Platypus underground guying system or equal approved.

SHRUB PLANTING
All shrubs to be positioned as shown on the drawing and to the density and specification listed in the plant schedule. Planting holes to be 150mm wider than the root spread, have the base ground thoroughly broken up before planting and backfilled with compost.

MIXES: To be arranged in groups of 3,5&7 with no two groups of the same species touching.

SUBSTITUTIONS
Upon submission of evidence that certain materials, including plant materials, are not available at the time of the landscape contract, the Landscape Contractor may be permitted to substitute other materials and plants in exceptional circumstances during the contract with an agreed adjustment of prices. All substitutions shall be of nearest equivalent species and variety to the original specified but shall be subject to approval by the Landscape Architect before any change is made.

MULCH
75mm depth of 8-35mm ornamental bark mulch to be supplied and spread to all planting areas. Finished mulch level to be installed and maintained at 25mm below any adjacent kerbs or paving surfaces.

MAINTENANCE
All planting areas to be maintained to a high standard for 12 months after practical completion, to ensure the landscape scheme is successful, and discourage decline of the area. The site is to be visited at minimum once per month. Any defects or plant losses occuring in the first 12 months to be replaced at the contractors expense. All planting beds to be re-firmed and kept weed free through hand weeding and application of approved herbicide where appropriate. The specified thickness of mulch is to be maintained. The condition of all trees is to be regularly checked, with ties and stakes adjusted or replaced as necessary. Shrubs to be pruned at appropriate times of year to promote healthy growth and desirable ornamental features. All arisings to be removed. Watering should take place as necessary to ensure establishment and continued success of all planting.

Landscape Key

- **Existing trees for retention** — To be retained and protected in accordance with BS 5837:2012. Retention of any trees in conflict with development proposals to be subject to review by arboricultural consultant and a detailed method statement
- **Existing trees for removal**
- **Proposed trees in soft landscape** — Refer to schedule for species and specification
- **Proposed columnar trees in soft landscape** — Refer to schedule for species and specification
- **Proposed native feathered trees in soft landscape** — Refer to schedule for species and specification
- **Proposed specimen shrubs** — Refer to schedule for species and specification
- **Proposed ornamental shrub planting** — Refer to schedule for species and specification
- **Proposed Wildflower Meadow Planting** — To be British Seed Houses WFG2 Flowering Meadow mix to be sown at 5g/m2
- **Proposed native buffer mix planting** — Refer to schedule for species and specification
- **ReRoot linear pavement protection** by Greenleaf or similar approved. Installed in accordance with manufacturers specification.

PLANTING SCHEDULE

Name	Abb	Height	Root	Container	Habit	Breaks	Age	Density
Ornamental Shrubs								
Aucuba japonica	Aj	30-40	C	3L	Bushy	3	/	3/m²
Berberis julianea	Bj	30-40	C	3L	Bushy	3	/	4/m²
Berberis thunbergii 'Rose Glow'	BtRG	30-40	C	3L	Branched	4	/	4/m²
Ceanothus thyrsiflorus 'Repens'	CtR	30-40D	C	3L	Bushy	5	/	5/m²
Choisya ternata 'Sundance'	CtS	40-60	C	3L	Branched	3	/	5/m²
Cornus sanguinea	Cs	60-80	B	/	Branched	3	1+2	3/m²
Cotoneaster x.suecucus 'Coral Beauty'	CCB	40-60D	C	3L	Bushy	4	/	5/m²
Euonymous fortunei 'Emerald Gaiety'	EfEGa	30-40	C	3L	Bushy	7	/	5/m²
Euonymous fortunei 'Emerald 'n' Gold'	EfEG	30-40	C	3L	Bushy	7	/	5/m²
Lonicera nitida 'Baggesens Gold'	LnBG	30-40	C	3L	Bushy	6	/	4/m²
Lonicera nitida 'Lemon Beauty'	LnLB	30-40	C	3L	Bushy	6	/	4/m²
Lonicera nitida 'Maigreen'	LnM	30-40D	C	3L	Bushy	6	/	5/m²
Mahonia aquifolium 'Appollo'	MaA	30-40	C	3L	Branched	4	/	4/m²
Photinia x.fraseri 'Little Red Robin'	PlLRR	30-40	C	3L	Branched	6	/	4/m²
Prunus laurocerasus 'Otto Luyken'	PlOL	40-60	C	3L	Leader & laterals	4	/	4/m²
Viburnum x.davidii	Vd	40-60	C	3L	Branched	3	/	5/m²

Name	Abb.	Height	Root	Container	Habit	Breaks	Age	Density
Specimen Shrubs								
Amelanchier lamarckii	Al	150-175	B	/	Feather	3	/	Item
Photinia x.fraseri 'Red Robin'	PlRR	60-80	C	10-12L	Branched	8	/	Item

Name	Abb.	Form	Age	Girth	Height (cm)	Clear stem	Root	Breaks
EHS Trees								
Betula pendula	Bp	Standard extra heavy	3x	14-16	425-600	175-200	RB	5
Pyrus calleryana 'Chanticleer'	PcC	Standard extra heavy	3x	18-20	min 450	min 200	RB	/
Sorbus aucuparia	Sa	Standard extra heavy	3x	16-18	min 450	min 200	RB	/

Name	Abb	Age/Condition	Height	Root	Container	Habit	Breaks	Density	% in Mix
Native Buffer Mix									
Acer campestre	Ac	1+1 or 1/1	80-100	B	/	/	/	1/m²	15
Corylus avellana	Cav	1+2 or 1/2	60-80	B	/	Branched	3	1/m²	20
Crataegus monogyna	Cm	1+1 or 1/1	60-80	B	/	Transplant - seed raised	/	1/m²	25
Ilex aquifolium	Ia	/	40-60	C	2L	Leader & Laterals	/	1/m²	20
Rosa canina	Rc	1+1 or 1/1	60-80	B	/	Branched	3	1/m²	10
Salix caprea	Sc	0/1	60-80	B	/	Branched	2	1/m²	10

* Any plants found not to be in accordance with the specification above after post completion site inspection will be replaceable at contractors expense in accordance with substitutions paragraph of specification on drawing.
* Contractor to ensure numbers on plant schedules match numbers on drawing before placing order for plants.

29/10/14	F	Pedestrian path amended to co-ordinate with site plan.	
29/10/14	E	Landscaping updated in accordance with Architects latest site plan, Kerbline & parking bay realignments	
04/09/14	D	Landscaping updated in accordance with Architects latest site plan, No. of trees increased at front of site & native planting bolstered on embankment as planners comments	DW DW
20/08/14	C	Landscaping updated in accordance with Architects latest site plan to show extended site area	DW DW
13/05/14	B	Landscaping updated in accordance with Architects latest site plan	DW DW
25/04/14	A	Tree retention and removal updated in accordance with Architects latest site plan	DW DW
Revisions		Description	Drawn Check

Project Title	Proposed Foodstore Development High Street Royston
Client	Aldi Stores Ltd
Status	FOR PLANNING
Scale	1:200
Drawing Size	A0
Drawn By	DW
Checked By	DW
Date	03/14

Drawing Title: Landscape Plan
Job-Dwg No: V1124 L01 Rev F

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