



**LANDSCAPE SPECIFICATION**

**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 - 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.

**TIMES OF YEAR FOR PLANTING**  
 Landscape works to be carried out during the first possible planting periods following completion of the building and associated engineering works / car park areas in accordance with the following:  
 Native and ornamental trees: During dormant winter period - Late October to late March  
 Bare root native transplants: During dormant winter period - Late October to April  
 Container grown ornamental and specimen shrubs: At any time if ground and weather conditions are favorable.

**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 occurring 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.

Name	Abb.	Height	Root	Container	Habit	Breaks	Density
<b>Plants</b>							
Calluna vulgaris 'Karl Foerster'	CaKF	/	C	3-4L	V	/	5/m2
Carex oshimensis 'Evergold'	CoE	/	C	2L	V	/	6/m2
Ceanothus thyrsiflorus 'Ridgeway'	CoR	30-40D	C	3L	Bushy	5	5/m2
Chamaecyparis 'Sundance'	ChS	40-60	C	3L	Branched	3	4/m2
Eleagnus ebbingtonii 'Limelight'	EnL	40-60	C	3L	Branched	3	3/m2
Eucalyptus 'Donard Star'	EDS	40-60	C	3L	Bushy	4	4/m2
Eucalyptus 'Emerald W Gold'	EWG	30-40	C	3L	Bushy	7	5/m2
Fatsia japonica	FJ	30-40	C	3L	Leader	/	3/m2
Hebe 'Red Glacier'	HGD	60-80	C	3L	Sex Shoots	3	6/m2
Hebe 'Red Purpur'	HPP	/	C	3-4L	S or V	/	5/m2
Lavandula angustifolia 'Yellow'	LaH	30-40	C	3L	Branched	3	5/m2
Lonicera nitida 'Baggesens Gulf'	LoBG	30-40	C	3L	Bushy	3	4/m2
Lonicera nitida 'Maggreen'	LoM	30-40D	C	3L	Bushy	6	5/m2
Mahonia aquilifolium 'Apollo'	MaA	30-40	C	3L	Branched	4	4/m2
Phlox 'Firebird'	PhB	/	C	5L	7 Leaves	/	3/m2
Phlox 'Yellow Wave'	PhW	/	C	5L	7 Leaves	/	3/m2
Prunella 'Lance' Little Red Robin'	PRR	30-40	C	3L	Bushy	4	3/m2
Prunus laurocerasus 'Obs Luyken'	PLCL	40-60	C	3L	Leader & laterals	4	4/m2
Skimmia japonica 'Rubella'	SR	30-40	C	3L	Bushy	3	5/m2
Stipa serotima	St	/	C	3L	V	/	6/m2
Viburnum 'davidi'	Vd	40-60	C	3L	Branched	3	5/m2
<b>Trees</b>							
Betula pendula	Bp	Standard extra heavy	3x	16-18	min 450	min 200	RB / / Item
Liquidambar styraciflua	Ls	Standard extra heavy	3x	16-18	min 450	min 200	RB / / Item
Pinus sylvestris	Ps	Leader / Laterals	5x	/	250-300	/	RB / / Item
Quercus ilex	Qi	Standard extra heavy	3x	16-18	min 450	min 200	RB / / Item
Quercus robur 'Fastidiosa Koster'	QRK	Standard extra heavy	3x	16-18	min 450	min 200	RB / / Item
Sorbus aucuparia	Sa	Standard extra heavy	3x	14-16	425-600	175-200	RB / 5 Item
Thuja plicata	Tp	Large feathered	5x	3L	400-450	min 200	RB / / Item
Tilia cordata 'Ranchu'	TiR	Standard extra heavy	3x	18-20	min 450	min 200	RB / / Item
<b>Specimen Shrubs</b>							
Rosa aquatilis	Ra	60-80	C	10-12L	Leader & laterals	/	Item
Camellia sasanqua 'Pumila'	CaSP	40-60	C	10-12L	Bushy	/	Item
Pinus mugo	Pm	40-60	C	10-12L	Bushy	/	Item
Stipa gigantea	Sg	100-125	C	15L	Bushy	/	Item
<b>Native Planting Mix</b>							
Corylus avellana	Coa	60-80	B	1+2 or 1/2	Branched	3	35 1/m2
Prunus spinosa	Ps	80-100	B	1+2 or 1/2	Branched	3	15 1/m2
Salix caprea	Sc	80-100	B	0/1	Branched	2	15 1/m2
Symphoricarpos alba	SaB	40-60	B	0/1	Branched	2	20 1/m2
Viburnum opulus	Vo	40-60	B	1+1 or 1/1	Branched	2	15 1/m2

- Key:**
- Existing trees to be retained and protected during construction (Refer to JCA Tree Consultants Arboricultural Survey and Tree Protection Plan)
  - Existing vegetation to be retained
  - Proposed trees in soft landscape (soft pit detail - Refer to Vector detail V0338 D02). Refer to schedule for species and specification.
  - Proposed trees to car park (structural cell pit detail - Refer to Vector detail V0338 D01). Refer to schedule for species and specification.
  - ReRoot linear pavement protection by Greenleaf or similar approved. Installed in accordance with manufacturers specification.
  - Proposed native whip planting mix - Each transplant to be fitted with Tubex shrub shelter (600x130-100mm) by green-tech or similar approved. - Each transplant to be fitted with 500x500mm biodegradable mulch mat - gt ecomat by Green-tech or similar approved.

- Proposed feathered trees as screening
- Proposed specimen shrubs
- Proposed ornamental shrub planting
- Proposed FalcoRing circular tree protector by Falco or equal approved
- Proposed rocks re-claimed from site during ground works To be repositioned within planting to appear as naturally occurring features (setting out amongst planting to be agreed on site).

**Proposed Development  
 Bradford Road  
 Guiseley**

Client: Aldi Stores Limited  
 Date: 09/06/15  
 Job/Dwg: 0338SDAR-V100A-Site Plan  
 Not to scale@A3

THE HARRIS PARTNERSHIP  
 ARCHITECTS

2 St Johns North,  
 Wakefield, WF1 3QA  
 T: 01924 291 800  
 F: 01924 290 072



[www.harrispartnership.com](http://www.harrispartnership.com)