



**PLANTING SPECIFICATION**

**EXISTING TREES AND SHRUBS**  
Where existing trees & shrubs are to be retained they should be subject to a full arboricultural inspection for safety.  
Any surgery required shall be in accordance with BS 3998 (1989) Recommendations for Tree Work, shall comply with any existing TPO requirements and shall receive the prior approval of the Landscape Architect.  
Avoid damage to branches, trunks and roots of trees. All existing trees & bushes to be retained are subject to BS 3998 (1989) Recommendations for Tree Work. All plants to be supplied in accordance with the plant schedule. Any plant material planted outside the recognized planting season (Nov-Feb) to be containerized stock and supplied at the sites specified.

**TREE STAKES, TIES & GUARDS**  
Trees planted within grassed areas to be provided with appropriate conical aluminium guards. Stakes to be pressure impregnated softwood, round, pointed, straight, free of projections and coated at one end. Maximum length and thickness to be determined as follows:  
Tree Type No. stakes No. ties  
Ex / Hy / St 2 1

**TURFED AREAS**  
No storage of materials, disposal of rubbish, site fire, spillage of oil and chemicals, ground compaction, excavation or changes in level shall be carried out within existing tree hedge areas.

**PLANTING**  
All plants and planting to comply with the requirements of all current relevant British Standard specifications including BS 3090: Part 1 (1992), Part 2 (1992) and Part 3 (1984) and BS 5236 (1976) where applicable, BS 4228 (1993) and the BS 1111 Nursery Trade Tender Document (9th Edition 1988). All plants to be supplied in accordance with the plant schedule. Any plant material planted outside the recognized planting season (Nov-Feb) to be containerized stock and supplied at the sites specified.

**TREE PLANTING**  
A suitable method of foundation allowing for existing ground conditions to be provided to accommodate the proposed tree planting. All trees are to be planted as shown including a minimum of 1 metre from buildings and 3 metres from drainage and services. Where necessary, root barriers to be installed (subject to Council or similar approval), as recommended by structural engineer. Allow for the use of container grown stock during the period 1 April to 31 October, and field grown stock from 1 November to 31 March.

**TOPSOIL REQUIREMENTS**  
The contractor shall maintain fencing until all site works are completed. The contractor will then remove the fencing and rehabilitate the ground. The fencing will remain the property of the contractor.  
Within the area so fenced, the existing ground level shall be neither raised nor lowered, all excavations shall be carried out by hand.  
The Local Planning Authority shall be advised in writing when the pre-planting has been completed so that it can be checked on site before development commences, and shall thereafter be maintained during the period of construction.

**MAINTENANCE**  
Regular visits (minimum 18 No.) required during the defects liability period to maintain all planted areas to a weed and filter free condition using a combination of chemical spray and hand weeding to be agreed with the Landscape Architect. Maintenance to include weeding, pruning, pest and disease control and re-planting as required. Grass areas to be mowed at 2 week intervals during the growing season.  
Structure planting areas shall be maintained as non competitive weed free environment by regular applications of a glyphosate based herbicide. Persistent weeds and unwanted scrub shall be spot treated as necessary with an alternative herbicide to be agreed with the Landscape Architect.  
Weeding shall be carried out as necessary to maintain healthy growth or as required by the Landscape Architect.  
NB: Final visit to be immediately prior to handing over and to include a fertilizer treatment of Ernag (8:20:10) at 100g/m<sup>2</sup> and 20mm depth bark mulch top up to all planted areas.

**BOUNDARY MIX PLANTING: FEATHERED TREES AND WHIPS**  
Niche planting will not be permitted. All feathered trees and whips will be planted in prepared pits 100mm diameter x 800mm deep for feathered trees and 300mm diameter x 300mm deep for whips.  
Each plant shall be placed upright in the centre of the pit with the roots spread evenly outwards and amended with a 50/50 mix of peat and compost. The soil to be topped to the level of the surrounding ground. All plants shall be secured with a 10mm diameter x 1.5m long Larch or Chestnut stake, round, smooth and pointed with 75mm diameter at the top and not less than 10mm at the butt end, driven at least 500mm into the ground. Trees will be secured to the stake using a single 'Tee' Tie or similar approved security method at a point 50mm from the top of the stake to ensure no rubbing or excessive movement.  
The plant shall be well firmed, with the soil level 10mm above nursery level to allow for settlement. Clear any surplus soil and after setting apply a minimum 75mm deep x 300mm diameter collar of 50/50 grade coarse bark mulch. All tree species to be fitted with proprietary red/guard.

**SAFETY PRECAUTIONS**  
The landscape sub-contractor is to take all safety precautions to prevent any injury to any persons. The landscape sub-contractor shall comply with the requirements of the Health & Safety at Work Act 1974 and current Construction, Design and Management Regulations.  
All subject to Local Authority approval.

**PLANTING SCHEDULE:**

**Tree Planting**

Qty	Species	Plan Ref	Form	Age	Girth(cm)	Height(cm)	Clear Stem(cm)	Root	Container	Breaks
3	Acer campestre	Ac camp	Standard (Heavy)	16-18cm	400-450cm	min 200cm		C	100L	5
6	Acer platanoides 'Crimson Sentry'	Ac piCS	Standard (Extra heavy)	18-20cm	450-500cm	min 200cm		C	100L	5+
2	Ailanthus cordata	Ailn cor	Standard (Extra heavy)	18-18cm	400-450cm	min 200cm		C	75L	5
21	Betula jacquemontii	Bet jac	Standard (Semi-mature)	18-20cm	min 450cm	min 200cm		C	100L	5
10	Pyrus calleryana 'Chanticleer'	Pyr Cha	Standard (Extra heavy)	18-18cm	min 450cm	min 200cm		RB	NA	5
10	Quercus robur	Que rob	Standard (Extra heavy)	18-20cm	min 450cm	min 200cm		C	100L	5
4	Ulmus Lobel	Ulm Lob	Standard (Extra heavy)	3x	18-20cm	450-625cm	min 200cm	RB	NA	5

**Climbing Plants (as groundcover beneath Cornus shrub planting in selected location):**

Qty	Species	Plan Ref	Height(cm)	Root	Container	Habit	Breaks
174	Hedera colchica 'Dentata Variegata'	Hed DV	60-80cm	C	3L	Several shoots	5

**Ornamental Shrub Planting**

Qty	Species	Plan Ref	Height(cm)	Root	Container	Habit	Breaks	Density/m <sup>2</sup>
170	Aucuba japonica	Auc J	30-40cm	C	3L	Bushy	3	3.00
171	Aucuba japonica 'Rozannie'	Auc JR	30-40cm	C	3L	Bushy	3	4.00
651	Bupleurum fruticosum	Bup fru	30-40cm	C	2L	Bushy	3	4.00
406	Choisya ternata	Chols tern	20-30cm	C	2L	Bushy	7	4.00
6	Cordylone australis	Cord au	80-100	C	15L	Triple crown	Specimen	
27	Cordylone australis 'Atropurpurea'	Cord aa	80-100cm	C	15L	Triple crown	Specimen	
406	Cornus alba 'Sibirica Variegata'	Com asV	40-60cm	C	3L	Branched	4	3.00
125	Cornus stolonifera 'Flaviramea'	Com stF	60-80cm	C	3L	Branched	4	3.00
410	Elaeagnus ebbingei	El ebb	60-80cm	C	5-7.5L	Branched	4	3.00
1182	Escallonia 'Apple Blossom'	Esc AB	40-60cm	C	3L	Bushy	4	4.00
445	Escallonia 'Red Dream'	Esc DR	20-30cm	C	2L	Bushy	3/4	6.00
597	Griselinia littoralis **	Gris lit	60-80cm	C	10-12L	Bushy	7	4.00
248	Hebe rakaiensis	Heb rak	30-40cm	C	5-7.5L	Bushy	7	4.00
96	Lonicera nitida 'Baggessen's Gold'	Lon BG	40-60cm	C	5-7.5L	Bushy	5	4.00
178	Mahonia aquifolium	Mah aq	30-40	C	3L	Branched	4	4.00

**Ornamental Shrub Planting (cont...)**

Qty	Species	Plan Ref	Height(cm)	Root	Container	Habit	Breaks	Density/m <sup>2</sup>
137	Olearia haastii	Olear ha	40-60cm	C	5-7.5L	Bushy	2	4.00
148	Osmanthus heterophyllus 'Goshiki'	Osm Gos	20-30cm	C	2L	Bushy	4	5.00
7	Phormium tenax 'Purpureum'	Phor Pur	80-80cm	C	15L	Triple crown	Specimen	
11	Phormium tenax 'Sunderow'	Phor Sund	80-80cm	C	10-12L	Triple crown	Specimen	
368	Prunus laurocerasus 'Otto Luyken'	Prun OL	40-60cm	C	5-7.5L	Bushy	5	3.00
139	Pyraea 'Orange Glow'	Pyra OG	40-60	C	3L	Leader and laterals	4	3.00
639	Salix elaeagnos	Sal ela	40-60cm	C	2L	Branched	3	2.00
536	Skimmia japonica 'Rubella'	Skim Rub	40-60cm	C	5-7.5L	Bushy	4	4.00
322	Viburnum tinus 'Eve Price'	Vib t EP	40-60cm	C	5L	Bushy	5	3.00
16	Yucca filamentosa	Yuc fil	60-80	C	15L	Single leader	5	Specimen

**Boundary Mix Planting (based upon 2 plants per m<sup>2</sup>)**

Qty	Species	Plan Ref	Form	Age	Height(cm)	Root	Container	Breaks	% Mix
599	Corylus avellana	Cory av	1+1 or 1/1	60-80cm	B	2/3	20.00		
1048	Crateagus monogyna	Crat mon	1+1 or 1/1	60-80cm	B	1-2	35.00		
146	Ilex aquifolium	Ilex aq	80-100cm	C	10-12L		5.00		
599	Prunus spinosa	Prun spin	1+1 or 1/1	60-80cm	B	2	20.00		
299	Quercus robur	Que rob	Feathered	2x	175-200cm	RB	5	10.00	
304	Rosa canina	Ros can	1+1 or 1/1	60-80cm	B	3/4	10.00		

**Wildflower Management:**

**Do not use fertilizer.**  
Control weeds before sowing. Annual weeds may be hoed, buried or killed with a contact herbicide. Perennial weeds should be eradicated by a translocated glyphosate-based herbicide.  
Sow mixtures either from early March to early May, or from early August to mid September, cultivate the ground to provide a fine, weed free seed bed, firm if necessary. Sow evenly at 4gms / m<sup>2</sup>, thoroughly mix one part seed with four parts dry sand to easily distribute.  
Rake seed in lightly with spring-tined rake and firm soil by treading or, preferably, rolling. Water with a fine spray and keep well watered and free from unwanted plants.  
Cut the sward every six-eight weeks during the first year after sowing and remove the cuttings, in the following years cut in early spring before growth starts and in October once wild flowers have been shed - remove all cuttings.

**PROPOSED WILDFLOWER / GRASS SEED MIX PLANTING AREA (approx 948m<sup>2</sup>)**

Supplier: Nickerson (or similar approved)  
Product Ref: AWF 4 (Clay soils) / AWF 8 (Sandy Soils) 50:50  
Mix: 50% Grass / 20% Wildflowers  
Rate: 4g/m<sup>2</sup> = 3.792g / 3.792kg  
Contact: Mr A Mason (01832) 272864 / 07885 137847

**Client:** ASDA  
Project: New ASDA Store Marsh Lane, Hayle  
Title: Detailed Soft Landscape Proposals (Sheet 2 of 2)

Status: Planning  
Drawn: OMB  
Checked: [Signature]  
Date: 17.09.2010  
Scale: 1:200@A0

Job No: AAR4807  
Dwg No: LS:02  
Rev: [Signature]

**Landscape Key:**

- Existing trees to be removed (subject to LPA approval)
- Existing trees to be retained
- Proposed tree planting
- Proposed specimen shrub planting
- Proposed ornamental shrub planting
- Proposed shrub hedge planting
- Proposed woodland type boundary mix planting
- Proposed wildflower / grass seed mix planting
- Proposed wildflower / grass seed mix planting
- Proposed 450mm high timber trip rail to be erected where indicated

**RPS Planning & Development**  
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**ASDA**  
Sustainable Living  
Project: New ASDA Store Marsh Lane, Hayle  
Title: Detailed Soft Landscape Proposals (Sheet 2 of 2)

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