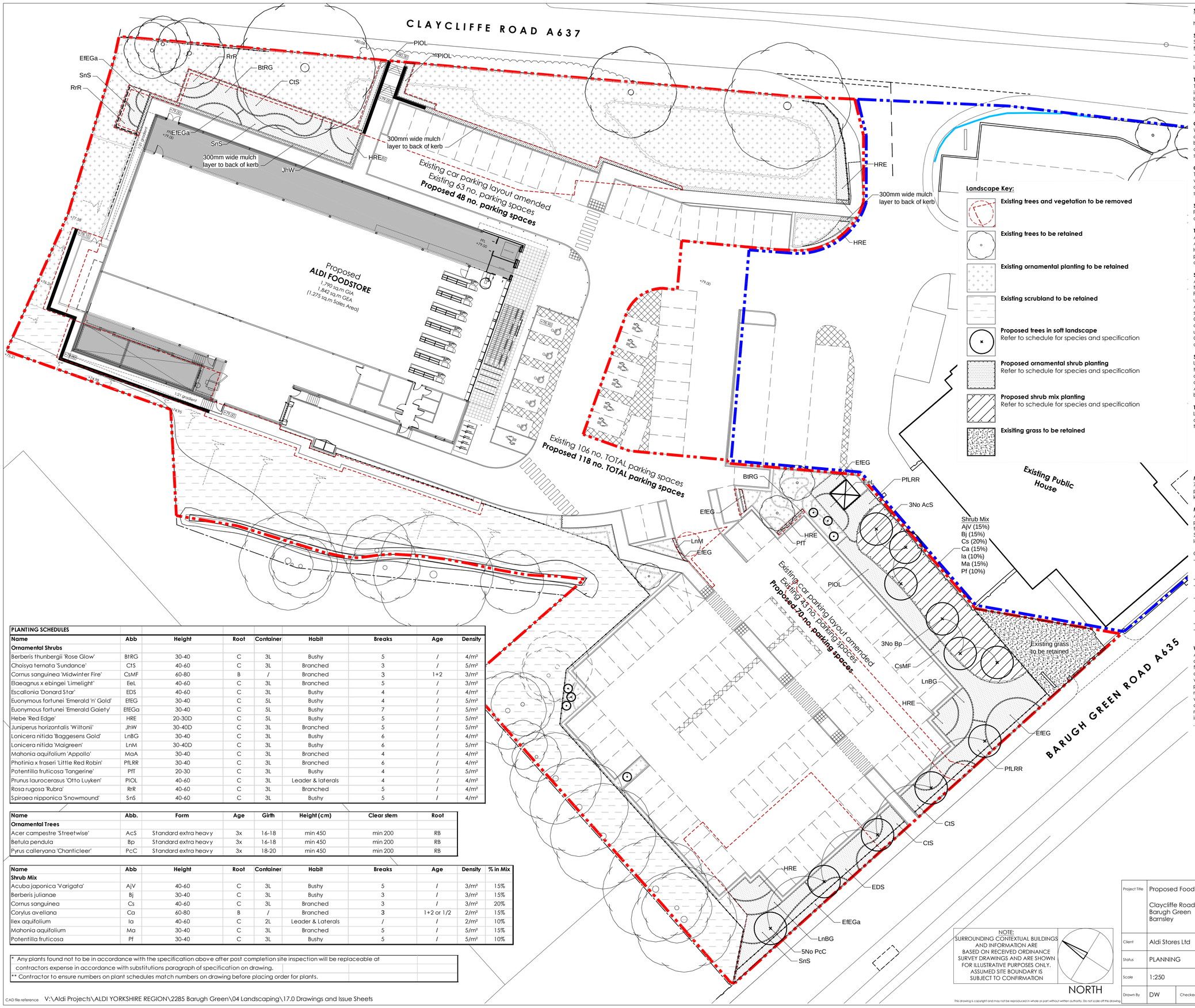

Landscape Key:

- Existing trees and vegetation to be removed
- Existing trees to be retained
- Existing ornamental planting to be retained
- Existing scrubland to be retained
- **Proposed trees in soft landscape** Refer to schedule for species and specification
- **Proposed ornamental shrub planting** Refer to schedule for species and specification
- **Proposed shrub mix planting** Refer to schedule for species and specification
- **Exisiting grass to be retained**

SOFT 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 : 2015. 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. 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 secured in place with underground guying system in accordance with tree planting detail.

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 peat free compost.
All shrubs to be equally spaced throughout the planting areas to the specified density in a staggered arrangement unless otherwise noted in the planting schedule.
Contractor to ensure numbers on schedule match those shown on drawing before placing any orders for plants. Any discrepancies to be brought to the attention of the Landscape Architect upon discovery.
Contractor to check on site dimensions of all landscape areas to ensure specified quantities will achieve the specified densities for each species.

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 final possible planting periods prior to practical 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 favourable.

MULCH
75mm depth of 8-35mm ornamental bark mulch (peat-free) 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 by the contractor for 12months after practical completion, to ensure the landscape scheme is successful, and discourage decline of the area.
Site to be visited minimum once per month to carry out required maintenance to all soft landscape areas.

Generally, during the first 12months:
- All planting beds to be re-firmed and kept weed free through hand weeding and application of an approved herbicide where appropriate.
- All litter to be picked and removed from landscape areas.
- Mulch to be topped up as required to maintain the specified thickness.
- 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 for each species to promote healthy growth and desirable ornamental features.
- All arisings to be removed from site.
- Any defects or plant losses occurring during the first 12 months defects period to be replaced at the contractors expense.

WATERING:
All soft landscaping to be subject to a watering regime which is absolutely essential to ensure the continued success of the scheme, particularly in the key first 12 month establishment period. The frequency should be as necessary to ensure the continued thriving of all grass / planting. During dry periods minimum weekly visits should be made to site to ensure the soil is not too dry and to water if necessary. The soil should be checked for dryness using either a soil moisture sensor or pushing a spade into the top 300mm of soil and seeing how the soil looks. If it is moist there is no need to water but if it is bone dry then water immediately. Supply should be from potable mains water or an approved alternative. The full depth of topsoil should be wet without loosening or damaging plants. Any compacted soil should be loosened or scooped out to direct water to the rootzone. Trees should be watered via their irrigation pipes, in accordance with the manufacturer's instructions, to ensure the water reaches the rootball of the tree.

PLANTING SCHEDULES

Name	Abb	Height	Root	Container	Habit	Breaks	Age	Density
Ornamental Shrubs								
Berberis thunbergii 'Rose Glow'	BtRG	30-40	C	3L	Bushy	5	/	4/m²
Choisya ternata 'Sundance'	CtS	40-60	C	3L	Branched	3	/	5/m²
Cornus sanguinea 'Midwinter Fire'	CsMF	60-80	B	/	Branched	3	1+2	3/m²
Elaeagnus x ebingei 'Limelight'	EeL	40-60	C	3L	Branched	5	/	3/m²
Escallonia 'Donard Star'	EDS	40-60	C	3L	Bushy	4	/	4/m²
Euonymous fortunei 'Emerald 'n' Gold'	EfEG	30-40	C	5L	Bushy	4	/	5/m²
Euonymous fortunei 'Emerald Gaiety'	EfEGa	30-40	C	5L	Bushy	7	/	5/m²
Hebe 'Red Edge'	HRE	20-30D	C	5L	Bushy	5	/	5/m²
Juniperus horizontalis 'Wiltonii'	JhW	30-40D	C	3L	Branched	5	/	5/m²
Lonicera nitida 'Baggesens Gold'	LnBG	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'	PfLRR	30-40	C	3L	Branched	6	/	4/m²
Potentilla fruticosa 'Tangerine'	PfT	20-30	C	3L	Bushy	4	/	5/m²
Prunus laurocerasus 'Otto Luyken'	PlOL	40-60	C	3L	Leader & laterals	4	/	4/m²
Rosa rugosa 'Rubra'	RrR	40-60	C	3L	Branched	5	/	4/m²
Spiraea nipponica 'Snowmound'	SnS	40-60	C	3L	Bushy	5	/	4/m²

Name	Abb.	Form	Age	Girth	Height (cm)	Clear stem	Root
Ornamental Trees							
Acer campestre 'Streetwise'	AcS	Standard extra heavy	3x	16-18	min 450	min 200	RB
Betula pendula	Bp	Standard extra heavy	3x	16-18	min 450	min 200	RB
Pyrus calleryana 'Chanticleer'	PcC	Standard extra heavy	3x	18-20	min 450	min 200	RB

Name	Abb	Height	Root	Container	Habit	Breaks	Age	Density	% in Mix
Shrub Mix									
Acuba japonica 'Varigata'	AjV	40-60	C	3L	Bushy	5	/	3/m²	15%
Berberis julianae	Bj	30-40	C	3L	Bushy	3	/	3/m²	15%
Cornus sanguinea	Cs	40-60	C	3L	Branched	3	/	3/m²	20%
Corylus avellana	Ca	60-80	B	/	Branched	3	1+2 or 1/2	2/m²	15%
Ilex aquifolium	Ia	40-60	C	2L	Leader & Laterals	/	/	2/m²	10%
Mahonia aquifolium	Ma	30-40	C	3L	Branched	5	/	5/m²	15%
Potentilla fruticosa	Pf	30-40	C	3L	Bushy	5	/	5/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.

Revisions	Description	Drawn	Check
22-02-18 A	Landscaping amended in line with latest site plan.	DW	DW

Project Title	Proposed Foodstore Extension Claycliffe Road Barugh Green Barnsley
Client	Aldi Stores Ltd
Status	PLANNING
Scale	1:250
Drawing Size	A1
Drawn By	DW
Checked By	DW
Date	01/18
Drawing Title	Landscape Plan
Job-Dwg No	V2285 L01
Rev	A

vector design concepts
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