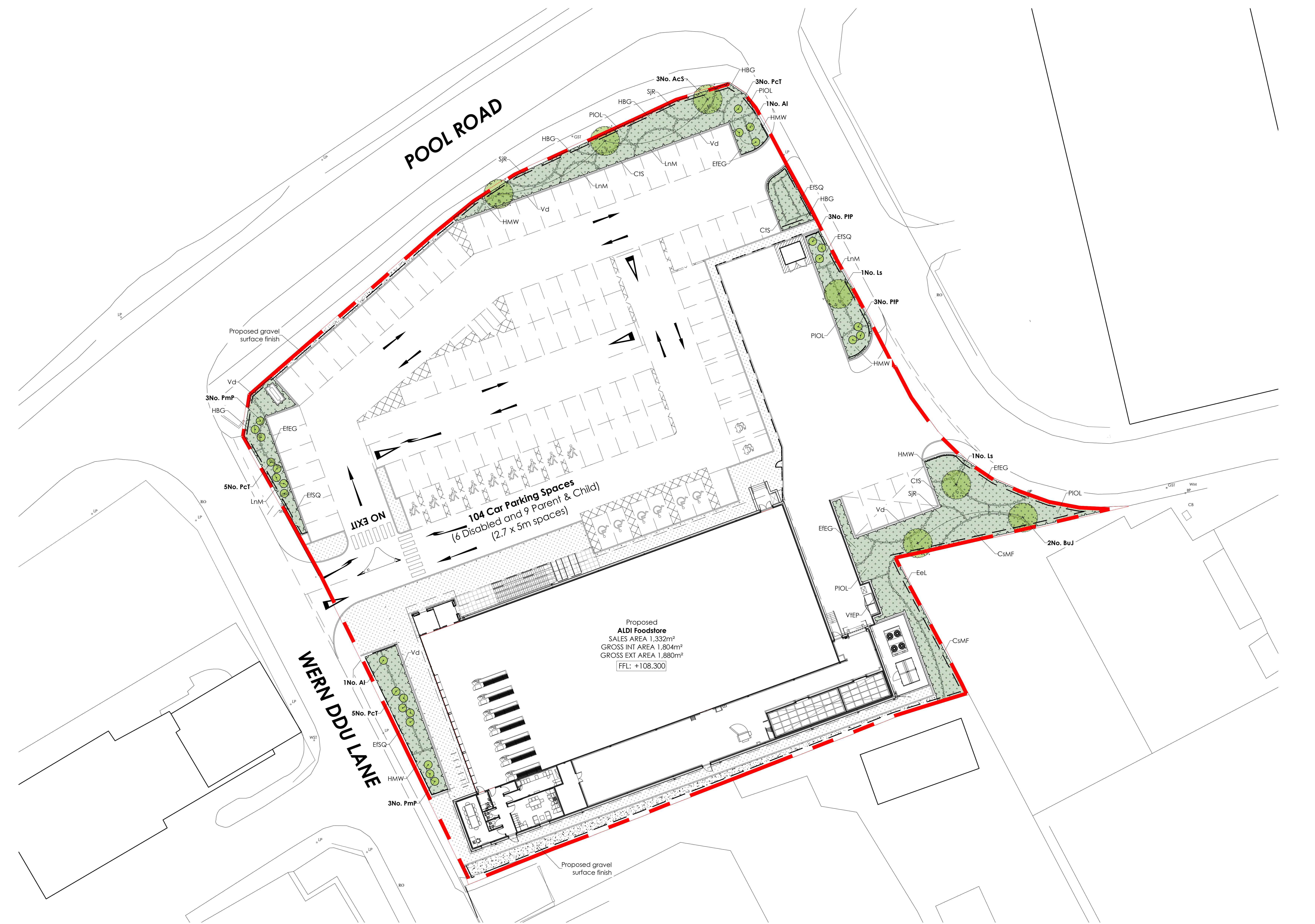
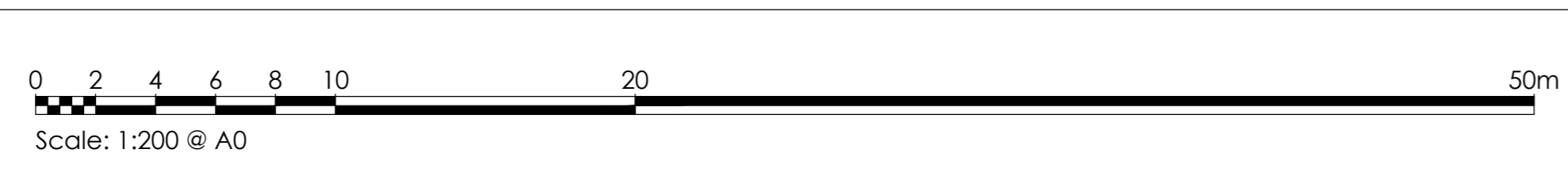


NOTE: SURROUNDING CONTEXTUAL BUILDINGS AND INFORMATION ARE BASED ON RECEIVED ORDINANCE SURVEY DRAWINGS AND ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. ASSUMED SITE BOUNDARY IS SUBJECT TO CONFIRMATION.

Notes:
All proposed tree locations are subject to co-ordination with drainage layout and subject to modification depending on the location of underground services and utilities. Drainage engineer to co-ordinate services layout in conjunction with the landscape plan to avoid conflict as much as possible. Allowance to be made of tender stage for the possible requirement for root barriers once the drainage layout is confirmed. CA to be informed immediately once this is available.



SOFT LANDSCAPE SPECIFICATION NOTES

NOTE: All soft landscape works to be carried out in accordance with BS4248:1989.

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 topsoiling to relieve compaction. Topsoil depths should be:
Areas for Ornamental Shrub Planting: minimum 400mm

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 detail. 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 against underground girdling system in accordance with tree planting detail. If the trees are planted outside of the planting season then containerised stock to be used in lieu of root balled but the same tree heights are still required - allowance to be made for this at tender stage if required once construction timetable is known and CA informed immediately.

PROPOSED 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 (only if planted in the planting season otherwise containerised stock to be used).
- 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 12 months after practical completion, to ensure the landscape scheme is successful, and discourage decline of the area. Minimum frequency of maintenance visits:
December / January / February & March - 1no. visit each month
April to November - 2no. visits each month.

Generally, during the first 12 months:
- 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 stonings 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.

GENERAL WATERING
All soft landscaping to be subject to a watering regime which is absolutely essential to ensure the continued success of the scheme, particularly during the initial 12 month establishment period. The watering frequency should be necessary to ensure the continued thriving of all grass, hedges, trees and ornamental planting. During dry periods minimum weekly visits should be made to the site to ensure the soil has not dried out and to action watering if necessary. The soil should be checked for dryness using either a soil moisture sensor or by inserting a spade into the ground to a depth of 300mm to observe the appearance of the soil. If the soil is moist there is no need to water but if it is bone dry then watering procedure should be carried out immediately. Water 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 broken up sufficiently to allow water to reach the rootzone.

WATERING TREES
Trees to be watered in accordance with BS 8545:2014 Tree - From Nursery to Independence. Trees should be watered via the installed irrigation / aeration pipes around the base of the trees stem in accordance with the manufacturer's instructions to ensure the water reaches the roots of the tree. Below is a suggested watering regime but this should be used as a guide only and may require modification in times of drought or flood, dependent on the ground conditions at the time, which should be monitored as above:
• March - October: 20 litres to be poured into irrigation pipe two times per week (40 litres in total)

Key:

- Proposed 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 gravel surface finish
To be laid over permeable geotextile membrane

PLANTING SCHEDULES:

Trees	Species	Abb.	Form	Girth	Height (cm)	Clear stem (cm)	Root	Quantity
	Acer campestre 'Streetwise'	AcS	Standard Extra Heavy	18-20	min 450	min 220	RB	3
	Betula utilis 'Jacquemontii'	BuJ	Multi stem (3-5 stems)	/	300-350	/	RB	2
	Liquidambar styraciflua	Ls	Standard Extra Heavy	18-20	min 450	min 220	RB	2

Specimen Shrub Planting:	Name	Abb	Height (cm)	Root	Container	Habit	Breaks	Quantity
	Amelanchier lamarckii (MULTI Stem Specimen)	Al	175-250	RB	/	3 - 5 main stems	2	
	Phoradendron leucocarpum 'Ternax'	Pct	100-150	C	15L	Triple Crown	13	
	Phoradendron leucocarpum 'Purpleum'	PmP	/	C	15L	Triple Crown	4	
	Viburnum x davidii	Vd	/	C	15L	Bushy (min 5 breaks)	6	

Ornamental Shrub Planting:	Name	Abb	Height (cm)	Root	Container	Habit	Breaks	Density
	Cornus stolonifera 'Midwinter Fire'	CsMF	60-80	C	3L	Branched	4	3/m ²
	Chalysa femata 'Sundance'	CIS	30-40	C	3L	Bushy	4	3/m ²
	Elaeagnus ebbingei 'Limeglow'	EeL	40-60	C	3L	Branched	4	3/m ²
	Eucynymus fortunei 'Emerald & Gold'	EFEG	30-40D	C	5L	Bushy	7	5/m ²
	Eucynymus fortunei 'Silver Queen'	ESQ	30-40D	C	5L	Bushy	7	5/m ²
	Hebe 'Blue Gem'	HBG	30-40	C	3L	Bushy	5	5/m ²
	Hebe 'Mrs Winder'	HMW	30-40	C	5L	Bushy	5	4/m ²
	Lonicera nitida 'Magreant'	LMN	30-40	C	3L	Bushy	5	5/m ²
	Prunus laurocerasus 'Oh'o Luyken'	PIOL	30-40	C	3L	Bushy	4	4/m ²
	Skiernia japonica 'Rubella'	SJR	30-40	C	3L	Bushy	5	5/m ²
	Viburnum x davidii	Vd	30-40	C	3L	Bushy	4	5/m ²
	Viburnum tinus 'Eve Price'	VIEP	30-40	C	3L	Bushy	5	5/m ²

Project No:	PROPOSED DEVELOPMENT	Drawing No:	LANDSCAPE PLAN
Client:	ALDI STORES LTD	Revision:	2879/VL L01
Drawn By:	PLANNING	Checked By:	DW
Scale:	1:200	Date:	08/2019

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design concepts

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