

General Notes:

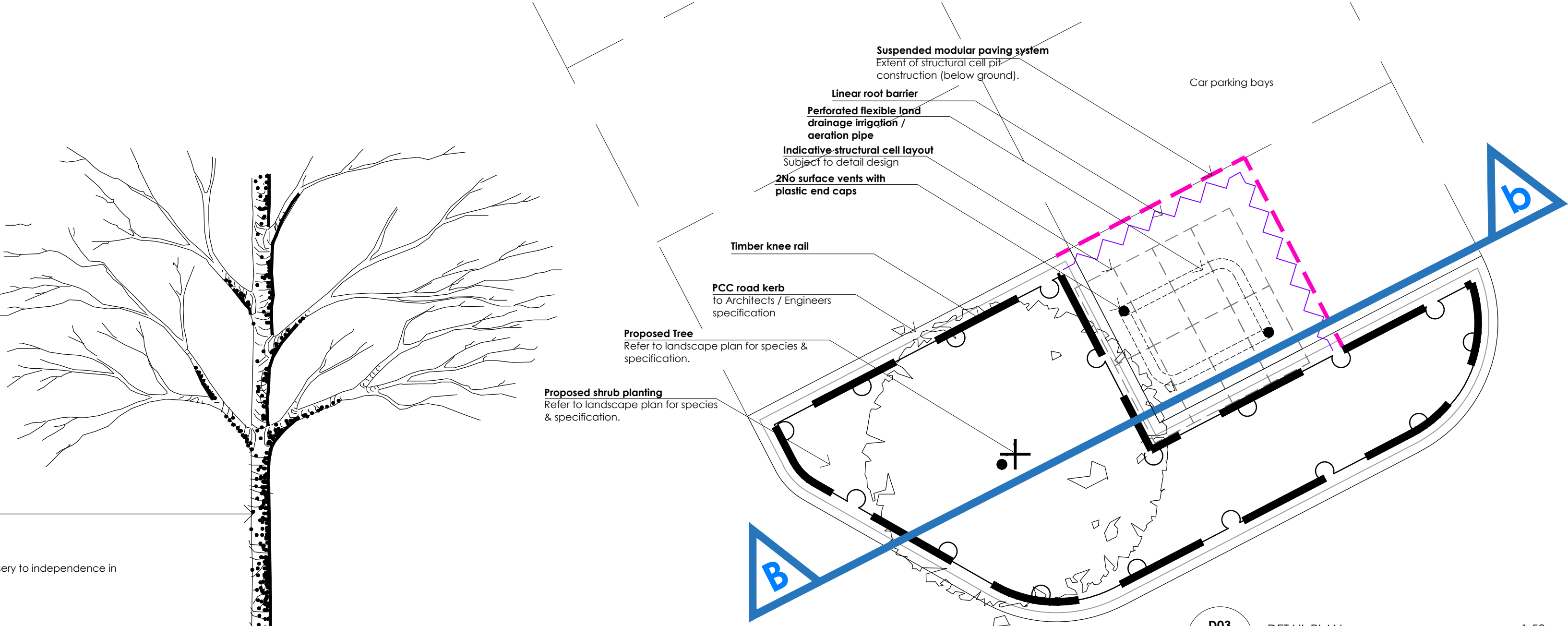
Do not scale from this drawing, always work to noted dimensions. All given dimensions in mm unless otherwise stated.

The contractor is to check all dimensions and levels on site prior to commencing any work.

Any discrepancies should be reported to the CA immediately upon discovery.

The contractor should bring to the attention of the CA the presence of any services not identified on this drawing immediately upon discovery and await further instructions prior to carrying out any further works in the vicinity.

FOR TREE PIT LOCATIONS REFER TO VECTOR DWG REF: V2636_L01 - LANDSCAPE PLAN.



D03
02
DETAIL PLAN
1:50

Tree
Refer to landscape plan & schedule for species and specification
All plant material to comply with:
BS 3934-1:1992 Nursery stock: Specification for trees and shrubs
BS 4043:1989 Recommendations for transplanting root-balled trees.
All tree planting to be carried out in accordance with **BS 8545:2014** Trees: from nursery to independence in the landscape - Recommendations.

Maintain original soil level to trees root collar

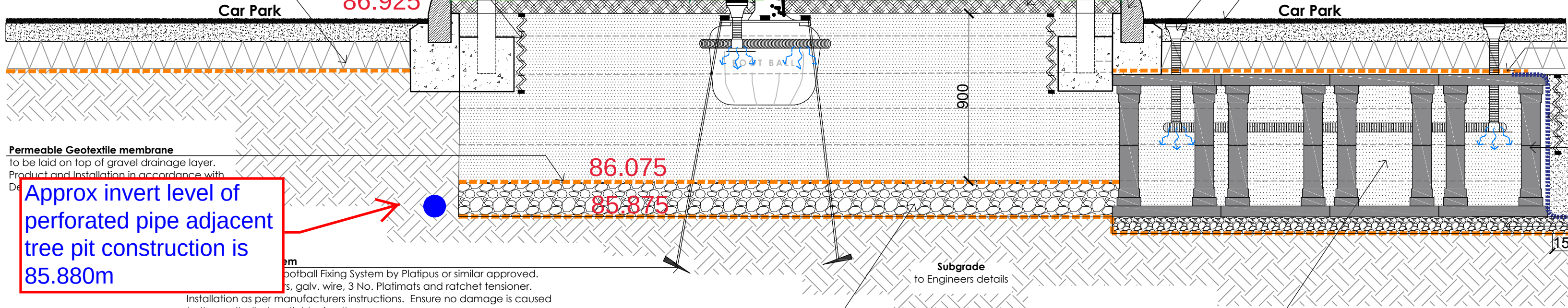
Tree pit irrigation/aeration pipe
Product: GreenBlue Urban Root Rain Urban (5m x 60mm) with metal cap and plastic end cap or similar approved. Installed to manufacturers specification.

Timber knee rail
To Architects/Engineers specification

Root director panels
Ribbed root barrier panels to direct roots downwards into structural cells. Installation in accordance with manufacturers instructions.

Sub base and buildup
To structural engineers details

86.925
87.050



Permeable Geotextile membrane
To be laid on top of gravel drainage layer.
Product and installation in accordance with Deeproot specification.

Approx invert level of perforated pipe adjacent tree pit construction is 85.880m

Installation as per manufacturers instructions. Ensure no damage is caused to the rootball when tightening the guys.

Note:
If underground anchors cannot be installed alternative D-Man cells or Deadman anchor by Platipus to be installed within base of tree pit in accordance with manufacturers specification.

Drainage Layer
200mm min depth of clean 20-40mm dia. washed gravel to base of tree pit. Wrap drainage layer with approved geotextile prior to backfilling. Connect to storm drain for positive drainage if required (to engineers details)

75mm depth ornamental bark mulch
to soft landscape areas in accordance with landscape plan & specification

PCC Kerb
To Architects/Engineers specification
Foundation, bedding and haunching to Engineers specification

Perforated flexible land drainage irrigation / aeration pipe
each connected to a surface vent with plastic end cap (see inset plan for layout)

Tarmacadam car park surface
Sub base, build-up and surface specification to Engineers details.

Permeable Geotextile membrane
Product and Installation in accordance with Deeproot installation specification.

Consolidated aggregate backfill
In accordance with Deeproot / Engineer's specification

Geogrid
Overlap 300mm minimum at top of Cells. 150mm minimum below backfill at base

Modular suspended pavement system
Silva cell 2 modular system by DeepRoot installed as per manufacturers specification. Indicative layout shown subject to approval by structural Engineer & Deeproot.

Target soil volume 17 - 20m³ per tree
Base Layer
100mm aggregate sub base, compacted to 95% or by 3 passes with plate compactor in accordance with Deeproot / Engineers specification.

Backfill Material (Growing Medium)
Trees pit to be backfilled to full dimensions with approved quality sandy-loam topsoil to meet BS 3882:2015 & Deeproot soil backfill specification. Installed in 200mm max. lifts in accordance with DeepRoot specification. Lightly firm around rootball, ensuring that all air pockets are eliminated.
NOTE:
Contractor to provide declaration of analysis including information detailing each of the relevant parameters given in table 1 of the BS prior to importation of material to site. Sample to be submitted for approval prior to importation of topsoil onto site.

D03
01
SECTION B-b - TYPICAL SECTION THROUGH TREE PLANTING WITHIN CAR PARK INCORPORATING STRUCTURAL ROOT CELLS
1:20

15/07/19	B	Aeration pipe locations to structural cells amended at tree officers request.	DW	DW
10/07/19	A	Aeration pipes added to structural cells at tree officers request.	DW	DW
Revisions	Description	Drawn	Check	

Project Title	PROPOSED DEVELOPMENT				Drawing Title	TREE PIT DETAIL - CAR PARK TREES [SECTION B-b]			
	Gresford Road Llay				Job-Dwg No	V2636 D03		Rev	B
Client	ALDI STORES LTD.								
Status	PLANNING								
Scale	1:20		Drawing Size		A2				
Drawn By	DW	Checked By	DW	Date	06/19				
					LANDSCAPE DESIGNERS				
					4 ST JOHNS NORTH, WAKEFIELD, WF1 3QA. TEL 01924 332056 web:www.vectordc.com				