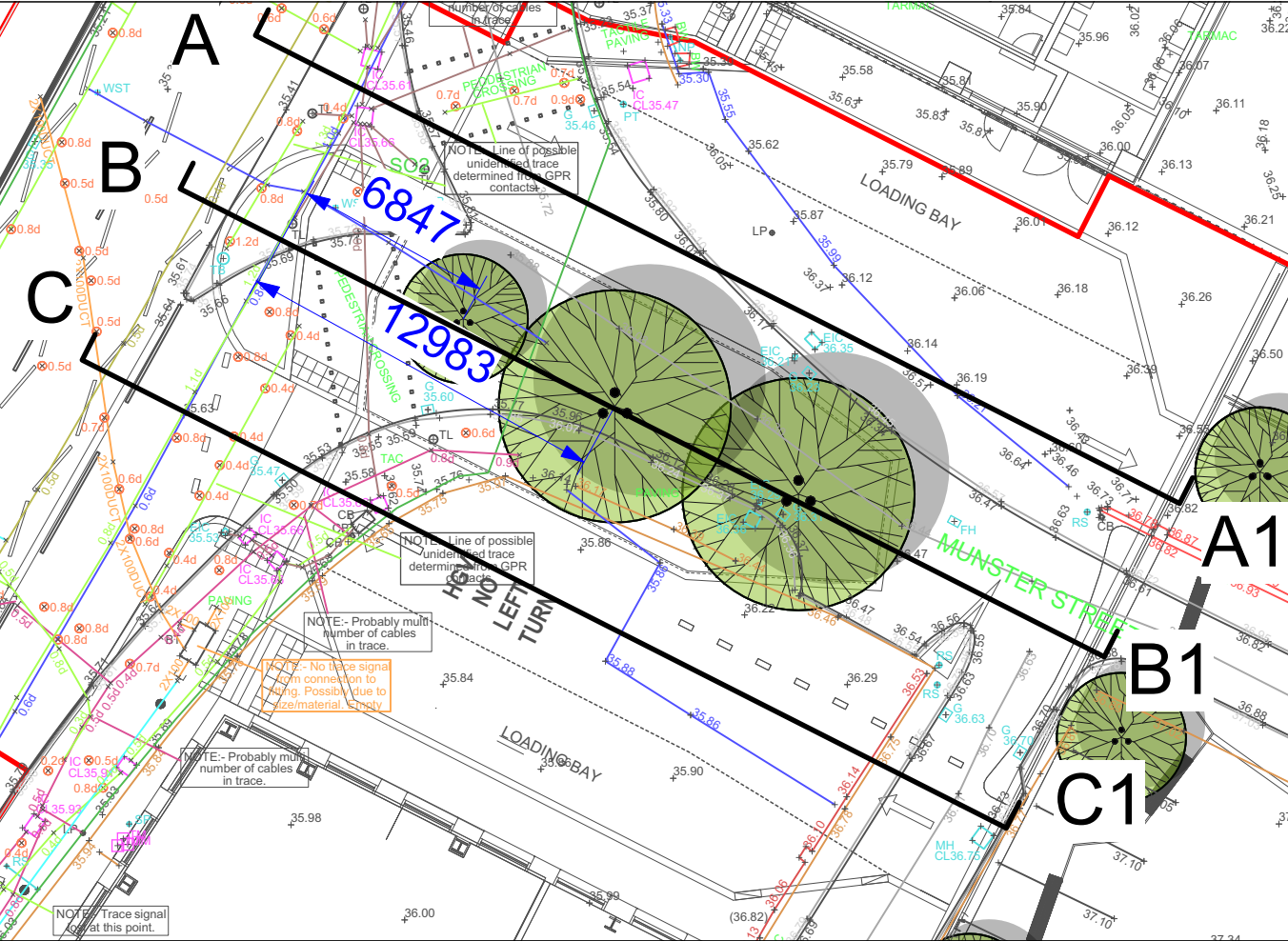




United Utilities: Standard conditions for works adjacent to pipelines, July 2015.

According to page 16 all *Pinus sylvestris* trees must be 10 metres away from pipelines. *Betula utilis* var. *jacquemontii* multi-stem is acceptable at 6.9 meters away.

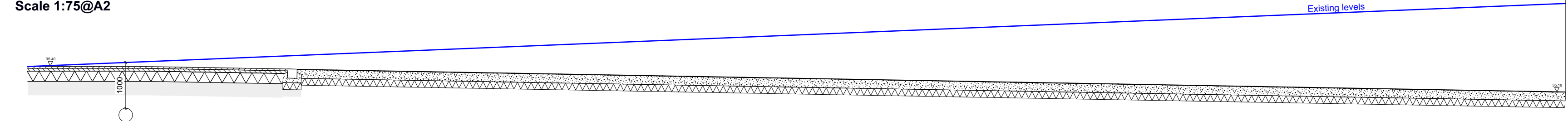
Note:
Re-root 2000 linear root barrier
To line vertical sides of planter to protect adjacent utilities pipes/ducts. Located to perimeter of tree planting area.
Depth 2000mm
Supplier: Green blue Urban or other equal and approved

High strength root barrier for deeper applications. Rigid enough to hold its form when placed into a trench. It will not be dragged downward during backfilling.

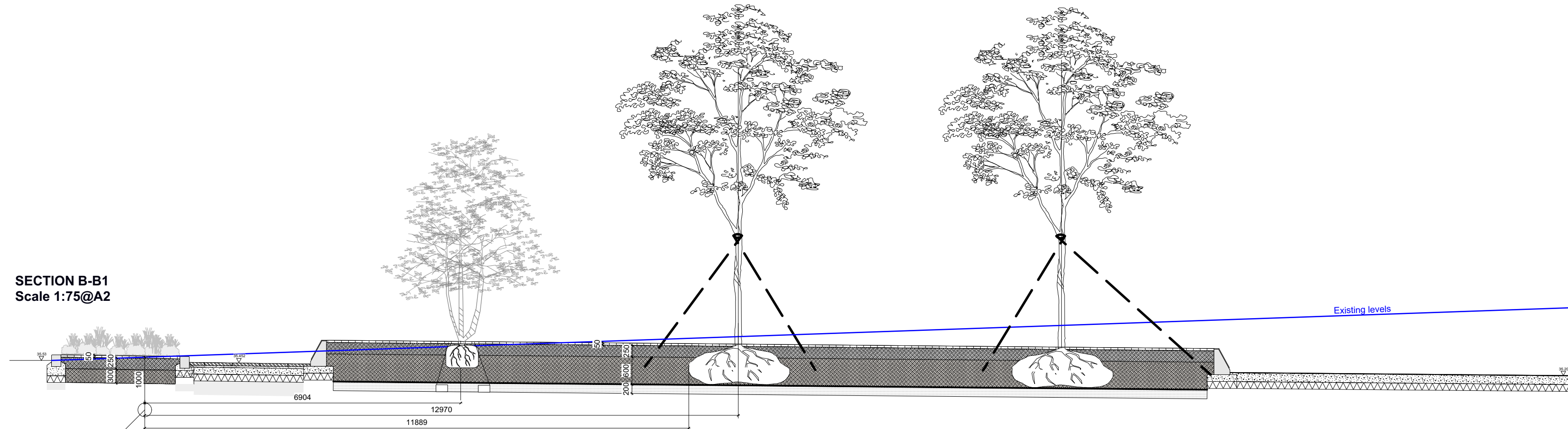
- Puncture resistance and strength. Best root barrier for utility companies requiring root free service corridors. The high puncture resistance allows easier compaction close to the barrier ensuring an excellent product/soil interface.

- 2mm thickness.

SECTION A-A1
Scale 1:75@A2

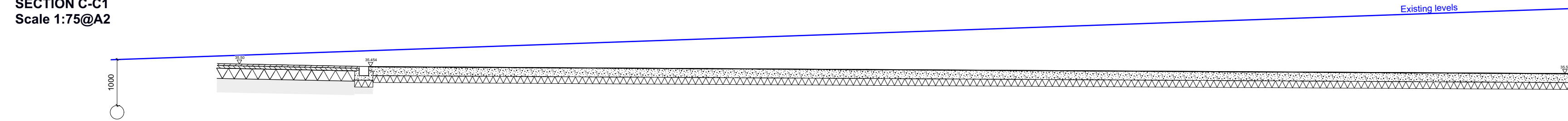


SECTION B-B1
Scale 1:75@A2



Water main pipeline shown
indicatively based on the WDA
survey. Pipe shown 1000mm deep.

SECTION C-C1
Scale 1:75@A2



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- NOTES:
1. Do not scale from this drawing.
 2. Always work to noted dimensions.
 3. All dimensions are in millimetres unless otherwise stated.
 4. All setting out, levels and dimensions to be agreed on site.
 5. The dimensions of all materials must be checked on site before being laid out.
 6. This drawing must be read with the relevant specification clauses and detail drawings.
 7. Order of construction and setting out to be agreed on site.

S4-P02	04-12-20	Stage 4	AT	KR
S3-P01	17-08-20	For information	AT	AT
Revision	Date	Description	Drawn	Apprvd.
Planit I.E. Limited E: info@planit-ie.comW: planit-ie.com MANCHESTER 2 Back Grafton St., Altrincham, WA14 1DY T: 0161 928 9281 LONDON Unit 6 Waterside, 44-48 Wharf Road, London, N1 7UX T: 0207 253 5678 LIVERPOOL Tempest 5.3, 12 Tithebarn Street, Liverpool, L2 2DT T: 0151 363 1230				

Client	MEPC		
Project	Noma, Plot P, Manchester		
Drg Title	Sections through service yard		
Created on	Created by	Approved by	
23.06.20	AT	KR	
Scale	Size	Workstage	
1:75	A2	Stage 4	
Drg No.	Suitability		Revision
NP4-PLA-04-XX-DR-L-3002	S4		P02