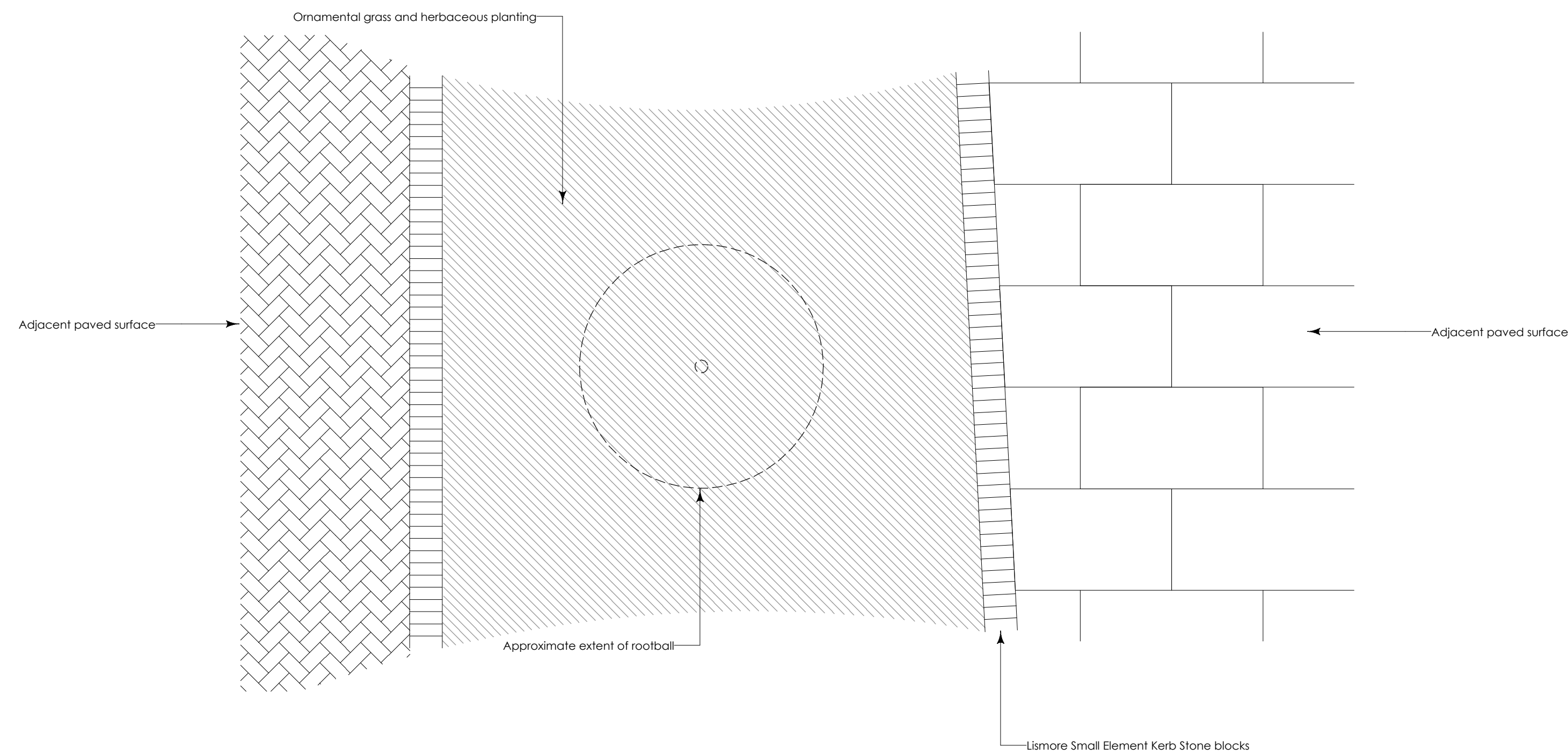


**Typical section through soft landscaped tree pit within area of hard landscape**  
 (Soft landscaped pits within hard landscaped areas  
 DHO Vicar's Road entrance)  
 1:20 @ A1



**Typical plan of soft landscaped tree pit within area of hard landscape**  
 (Soft landscaped pits within hard landscaped areas  
 DHO Vicar's Road entrance)  
 1:20 @ A1



**NOTES**

- All levels in metres above Ordnance Datum (mAOD) unless otherwise shown.
- All dimensions are in millimetres unless otherwise shown.
- For confirmation of sub-base construction, drainage connections and engineering details refer to Engineers specification.

**TREES**

- For tree species refer to drawing HO-439\_DHO\_TP\_002\_003
- To be raised from seed.
- All trees of the same species to be the same age and from the same batch and grower.
- Trees to be well balanced in root and crown and to be good examples of the species.
- Trees to be a matching set, strictly in the direction of the Employer.
- Trees to be selected and approved by the Employer at the Nursery from a group of at least 200% of the required quantity.
- Cost of trees to include for travel expenses for Nursery visits as necessary for the Employer to approve the trees.
- Representative photos of the trees to be provided prior to any nursery visit - evidence to be provided of transplanting in last 4 years.
- Trees to be containerised in air pot system during last winter season before planting.
- Trees to be installed within constructed tree pit so that growing / nursery line is located at the top of the tree pit.

**TREE ANCHORING SYSTEM:**

Each tree to be secured with underground Tree Anchoring System consisting of heavy canvas straps/pays looped around 4no. 'deadmen' (e.g. railway sleeper or pcc kerbs) placed at bottom of pit.

Tree anchoring system to be Platibus Tree Anchoring Deadman System Ref: RFD04M\* as supplied by Platibus Tree Anchoring Systems, Kingfield Business Centre, Philanthropic Road, Redhill, Surrey RH1 4DP. www.platibus-anchors.com or similar as approved by Employer. Tree anchoring system to be used according to suppliers instructions.

**IRRIGATION/AERATION SYSTEM & ROOT BARRIER:**

Irrigation/aeration system to be 100mm pvc perforated pipe laid within growing medium. Aeration pipe connected to surface with vertical pipe of same specification and tee sections as required.

Irrigation system to be 'ReRoot' or similar.

Root Barrier to be 'ReRoot 300' or similar.

Possible Supplier:  
 GreenBlue Urban  
 Haywood Way  
 Hastings  
 East Sussex  
 TN35 4RS  
 www.greenblueurban.com

**TREE SOIL:**

Tree soil growing medium to be Heicom Free Sand (aka 'Amsterdam Tree Soil').  
 Heicom Free Sand is supplied by Heicom, 4 Frog Lane, Lutteridge Lane, Kent TN11 1YT (possible supplier / not nominated). Tel: 01892 522 360 www.heicom.co.uk

Tree pits to be backfilled in layers of maximum 300mm thickness, levelled and compacted with pressure of 200 to 220 psi (220psi absolute maximum). When compacting special attention should be given to the edges of the pit. The compacted tree soil must have a minimum CBR value of 5%. For the tree soil to be correctly installed it must be transported, stored, handled and compacted strictly in accordance with manufacturers instructions:  
 The tree soil must:  
 - Always be protected from rainfall.  
 - Never be exposed to frost.  
 - Never be contaminated with other material, including hardcore.  
 - Never be mixed with soil.  
 - Never be laid over standing water or sodden ground.  
 - Be suitably compacted to avoid future settlement.  
 - Never be overcompacted to ensure proper tree development.

**LISMORE SMALL ELEMENT CONCRETE KERB STONE:**

Lismore 'small element' concrete kerb stone shall conform to BS EN 1344 and be nominal 190x160mm on face and 100mm deep.

**POSSIBLE SUPPLIER:**  
 Hardscape Ltd, Unit 25, Long Manden Industrial Estate, Stratford Upon Avon, CV37 8QR.  
 www.hardscape.co.uk  
 Contact: Dave Lowe  
 Email: d@hardscape.co.uk  
 Tel.: 01789 721012  
 Mobile: 07734103614

<b>Hannah Oakden Landscape Design</b>		
Hannah Oakden BA (Hons) MLA MLI 4 Byelow Cottages, Spithurst Road Barcombe, BN8 5EF T: 07990 576 900 E: info@hannahoakden.co.uk		
Client: Rydon Construction		
Project: Bacton Low Rise		
Title: Typical Details - Tree Pit & Tree Planting Details (Soft landscaped pits within hard landscaped areas DHO Vicar's Road entrance)		
Drawing no. HO-439-200-146	Date: 14/01/2015	
Scale: 1:20 @ A1	Drawn by: HO	Checked by: JH