

**Tree**  
Refer to landscape plan & schedule for species and specification  
All plant material to comply with BS 3936-1:1992 Nursery stock specification & BS 4043:1989 for transplanting root balled trees.

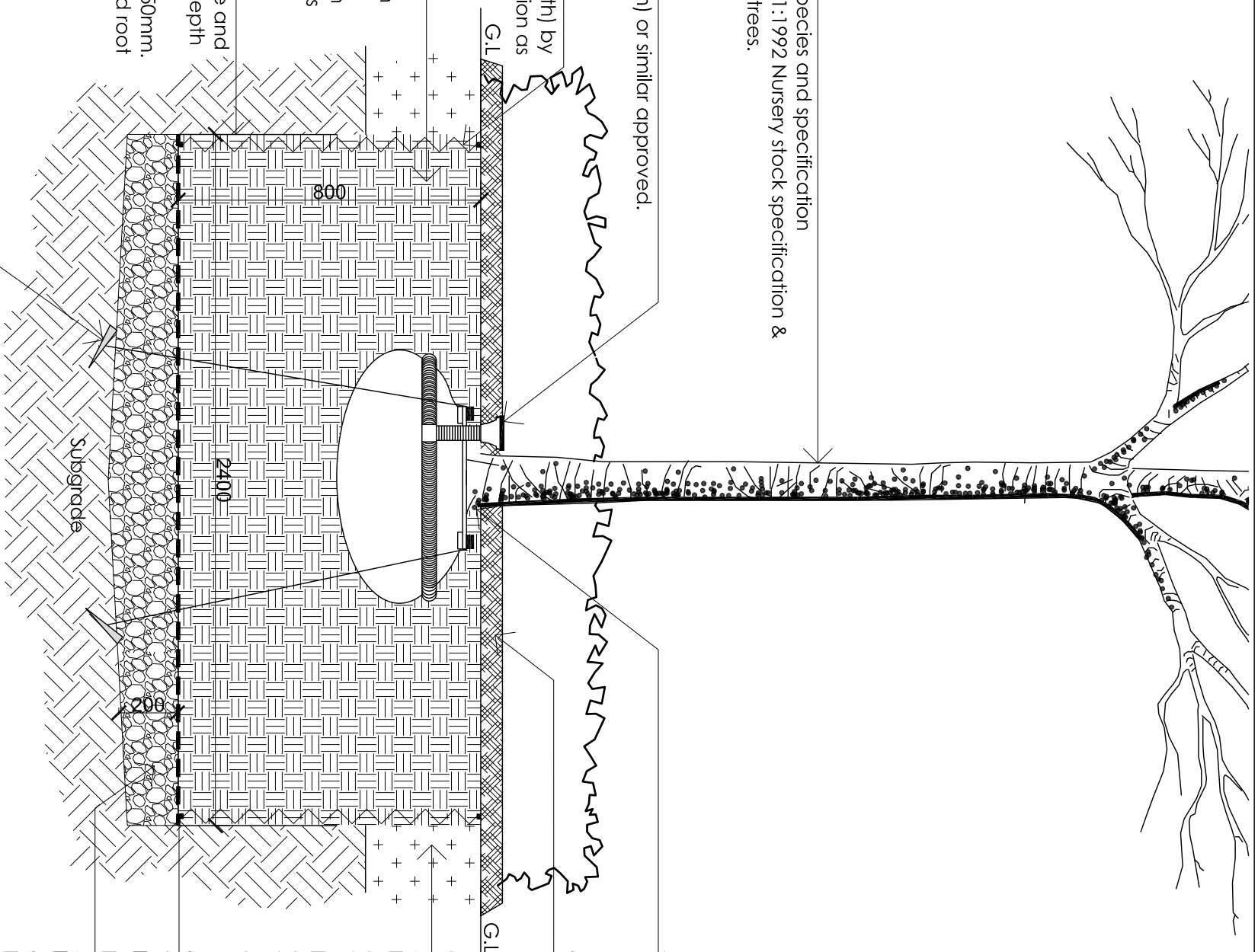
**Tree pit irrigation/aeration pipe**  
Product: Mona Relief Grande (5m x 60mm) or similar approved.  
Supplier: Green Tech or similar approved

**Ribbed Root barrier**  
Product: GT Rootbarrier 325 (650mm depth) by Green Tech or similar approved. Installation as per manufacturers instructions.

**Backfill material**  
Imported topsoil to BS 3882 :2007 multi purpose grade specification as defined in table 1 of the British Standard.  
Firm backfilling material around rootball in 200mm layers, ensuring that all air pockets are eliminated.

**Tree Pit**  
Sloping Ground - Maintain horizontal base and vertical sides with no less than minimum depth throughout.  
Pit bottom - Break up to a min depth of 250mm.  
Pit sides - Scarify to facilitate drainage and root penetration.

**Tree anchoring system**  
Product: Plati-Mat Rootball Fixing System by Platipus or similar approved. Supplier: Green Tech or similar approved.  
3No. ground anchors, galv. wire, 3 No. Platimats and ratchet tensioner.  
Installation as per manufacturers instructions. Ensure no damage is caused to the rootball when tightening the guys.



**Maintain original soil level**

**75mm depth of 8-35mm ornamental bark mulch**

**Topsoil**  
Shrub planting areas are to receive imported topsoil to BS 3882 :2007 multi purpose grade specification as defined in table 1 of the British Standard.  
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.  
Topsoil depths should be:  
ornamental planting beds min depth: 450mm

**Geotextile membrane**  
to be laid on top of gravel drainage layer.  
Product: Terram 1000 or similar approved

**Drainage Layer**  
200mm depth of 20-40mm dia. clean washed gravel to base of tree pit. Wrap drainage layer with Terram 1000 geotextile prior to backfilling.  
**Note:** Percolation tests to be carried out on site prior to planting to confirm sufficient drainage layer requirement.  
Engineer to confirm drainage requirement accordingly.

D02  
01

SECTION OF TREE PLANTING IN SOFT LANDSCAPING WITH UNDERGROUND GUYING

Project Title	South Shields Interchange		
Client	Muse Developments / Nexus / STC		
Status	FOR PLANNING		
Scale	1:20	Drawing Size	A3
Drawn By	JA	Checked By	AS
		Date	07/15

Revisions	Description	Drawn/Checked
	Tree Pit Detail - Soft	

Job-Drawg No  
**V125699B D02**

**vector**  
design concepts

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