

- KEY:**
- Site Boundary
 - Existing Trees
 - Existing Shrubs
 - Proposed Trees
 - Proposed Hedge
 - Proposed Shrubs
 - Gravel/Seating area
 - Wildflower
 - EL1- Flowering Lawn Mixture
 - Proposed Root Barrier

PLANTING NOTES
All plants to be supplied in accordance with the HTA National Plant Specification and from a HTA certified nursery. All plants and trees to be planted in accordance with BS3936 and BS8545. Delivery and handling of all plant material to be in accordance with BS428/JCL/CPSE Code of Practice for 'Handling and Establishing Landscape Plants Parts 1, 11 and 111 and BS8545'.
Planting Pit and Trench Preparation
Tree pits in soft landscape to be excavated to 1m x 1m x 1m depth prior to topsoiling and all shrub planting areas excavated to 450mm depth. All proposed hedge planting trenches to be excavated to 600mm depth. Unless otherwise specified, all tree pits in hard landscape to be 2m x 2m x 1m, backfilled with compacted Urban Tree Soil. The preparation of planting pits, beds or trenches shall comply with the appropriate British Standards, namely BS4043, BS4428, BS5837 and BS8545. Excavation of planting pits, beds or trenches shall not take place when the ground is frozen or waterlogged such that damage may occur to the structure of the soil. All excavated areas to be backfilled with either site won topsoil or imported topsoil to be BS8862-General purpose grade. All topsoiled areas to be clear of rocks and rubble larger than 50mm diameter and any other debris that may interfere with the establishment of plants. The Contractor shall break up and cultivate at the base of the trenches or planting pits. The sides of the trenches or planting pits shall be loosened with a fork or other similar implement. All stones and the like over 75mm in any dimension, deleterious matter, weeds and weed roots brought to the surface by any cultivation or excavation shall be removed off site. The Contractor shall remove off site the excavated subsoil material when preparing planting pits. The imported topsoil should make up any deficiencies caused by the removal of the subsoil material. Trenches and pits shall have the topsoil and any subsoil material thoroughly broken up and mixed prior to backfilling. All trees shall be supplied root balled, unless otherwise stated. Root balled trees shall be well grown, healthy and with a compact, contained rootball. They shall be nursery grown and have been regularly watered. Prior to planting, all plant material shall be stored and sorted at in accordance with best practice.

Planting
All plants shall be planted in a random fashion avoiding formal regimented lines at densities indicated in the schedule, unless otherwise specified. Unless otherwise specified, all hedgerows shall be planted in a double staggered rows and hedgerow mixes shall be planted in groups of 7, 9 & 13s at densities indicated on the schedule. Ornamental shrub planting mixes shall be planted in groups of 5, 7 & 11s and native shrub planting mixes shall be planted in groups of 9, 13 & 15s. The selection, procurement, handling, storage and planting operations of all proposed trees shall be in accordance with BS8545:2014 - Trees - from nursery to independence in the landscape, recommendations.
Planting and associated operations shall comply with BS4043, BS4428, BS5837 and BS8545. Unless otherwise stated planting shall be carried out during the period of 1 Nov to 31 March when the ground is not frozen or waterlogged. If planting is required outside this period agreement shall be sought and all bare root plants shall be substituted with container grown stock.
Watering
All plants shall be watered in to field capacity immediately after planting and mulched with 50mm depth of medium grade crushed mulch. The Contractor shall water the trees, shrubs and hedges once planted so that the entire tree pit or planted area is moistened to field capacity, i.e. the amount of water retained by previously saturated soil once full drainage has ceased'. Watering to field capacity shall continue frequently and on a regular basis as considered necessary by the landscape contractor and as necessary to ensure the successful establishment and continued thriving of all planting. Additional watering shall be undertaken when during summer months and/or periods of drought. Post planting management and maintenance specifically for new tree planting shall include ongoing irrigation and formative pruning as outlined in BS8545. The period over which regular irrigation required for transplanted trees is likely to be at least two full growing seasons to ensure successful establishment. As the root system develops the frequency of irrigation can be reduced.
Staking
All trees within soft landscape areas to be double staked with cross bar and tied, using 1.5m long, 75mm diameter rounded tree stakes 75mm brace, rubber tie and spacer block. Stakes not to extend more than 650mm above ground level. All trees within hardstanding/highways visibility plays to be clear stem to 1.5m high unless otherwise specified. Trees with handstanding / specific pits to be underground guyed unless otherwise specified.

Root Barriers
Root barriers (ReRoot 1000 or equivalent) to be included adjacent to buildings and services where necessary. Landscape contractor shall check all planting operations comply with appropriate standards and that in the absence of detailed surveys, any necessary underground investigations are undertaken to ensure there are no conflicts with existing or proposed utilities, services or foundations.
PROTECTION OF EXISTING VEGETATION TO BE RETAINED
Existing trees to be retained shall be protected in accordance with BS837, from commencement to completion of all works on site.

Number	Species	Specification	Quantity	Density	
Planting Schedule					
Trees					
6	No. Acer platanoides 'Princeton Gold'	Advanced Nursery Stock RB	16-18cm	Counted	
3	No. Betula pendula	Advanced Nursery Stock RB	16-18cm	Counted	
4	No. Carpinus betulus 'Frans Fontaine'	Advanced Nursery Stock RB	16-18cm	Counted	
4	No. Prunus serrula	Advanced Nursery Stock BR	16-18cm	Counted	
Shrubs					
Number	Species	Height	Pot Size	Specification	Density
44	No. Ceanothus 'Blue Mound'	60-80cm	5L	Bushy :5 brks	5/m ²
78	No. Cornus alba	60-80cm	5L	Branched :3 brks	5/m ²
25	No. Elaeagnus pungens 'Maculata'	60-80cm	5L	Bushy :5 brks	5/m ²
13	No. Escallonia 'Apple Blossom'	60-80cm	5L	Bushy :5/6 brks	1/m ²
71	No. Hebe 'Red Edge'	30-40cm	3L	Bushy :5/6 brks	5/m ²
215	No. Pachysandra terminalis	30-40cm	3L	Bushy :5/6 brks	5/m ²
60	No. Skimmia japonica 'Rubella'	40-60cm	5L	Bushy :5 brks	5/m ²
477	No. Spiraea japonica 'Fire Light'	30-40cm	3L	Bushy :5/6 brks	5/m ²
58	No. Viburnum opulus	30-40cm	3L	Bushy :5/7 brks	5/m ²
Ornamental Shrub Mix 1					
Number	Species	Specification	Quantity	Density	
39	No. Berberis frikartii 'Amstelveen'	Bushy :3/5 brks	5/m ²		
58	No. Ceanothus thyrsiflorus repens	Bushy :3/5 brks	5/m ²		
58	No. Genista lydia	Bushy :3/5 brks	5/m ²		
39	No. Hebe albicans	Bushy :3/5 brks	5/m ²		
58	No. Lonicera pileata	Bushy :3/5 brks	5/m ²		
58	No. Potentilla fruticosa 'Elizabeth'	Bushy :3/5 brks	5/m ²		
39	No. Skimmia confusa 'Kew Green'	Bushy :3/5 brks	5/m ²		
39	No. Spiraea japonica 'Goldflame'	Bushy :3/5 brks	5/m ²		
Total :388 No.					
Ornamental Shrub Mix 2					
Number	Species	Specification	Quantity	Density	
64	No. Ceanothus 'Blue Mound'	Bushy :3/5 brks	5/m ²		
95	No. Choisya ternata	Bushy :3/5 brks	5/m ²		
95	No. Escallonia 'Apple Blossom'	Bushy :3/5 brks	5/m ²		
64	No. Photinia fraseri 'Red Robin'	Bushy :3/5 brks	5/m ²		
95	No. Prunus laurocerasus 'Otto Luyken'	Bushy :3/5 brks	5/m ²		
64	No. Pyracantha coccinea 'Red Cushion'	Bushy :3/5 brks	5/m ²		
64	No. Viburnum davidii	Bushy :3/5 brks	5/m ²		
95	No. Cornus sanguinea 'Midwinter Fire'	Leader With Laterals :2/3 brks	5/m ²		
Total :636 No.					
Ground Cover Shrub Mix 1					
Number	Species	Specification	Quantity	Density	
72	No. Ceanothus 'Autumnal Blue'		4/m ²		
96	No. Prunus cistena 'Crimson Dwarf'		4/m ²		
72	No. Cornus alba 'Sibirica'	BR	4/m ²		
48	No. Cornus sanguinea	BR	4/m ²		
48	No. Ligustrum vulgare	BR	4/m ²		
72	No. Eucorymus fortunei 'Coloratus'	BR	4/m ²		
72	No. Pachysandra terminalis	BR	4/m ²		
Total :480 No.					
Ground Cover Shrub Mix 2					
Number	Species	Specification	Quantity	Density	
91	No. Lonicera nitida 'May Green'	Bushy :3 brks	4/m ²		
114	No. Potentilla fruticosa 'Elizabeth'	Bushy :3 brks	4/m ²		
114	No. Hebe rakaiensis	Bushy :5 brks	4/m ²		
68	No. Hypericum moserianum	Bushy :5 brks	4/m ²		
68	No. Hedera helix	Several Shoots :2 brks	4/m ²		
Total :455 No.					
MEDIUM GRASS MIX					
Number	Species	Specification	Quantity	Density	
94	No. Lavandula angustifolia 'Hidcote'	Bushy :3 brks	5/m ²		
71	No. Carex comans 'Bronze'	Full Pot	5/m ²		
71	No. Sedum 'Autumn Joy'	Full Pot	5/m ²		
Total :236 No.					
BOX HEDGE					
Number	Species	Specification	Quantity	Density	
700	No. Buxus sempervirens 'Suffruticosa'	Bushy :4 brks BR	6/m		
Total :700 No.					
WILD FLOWER MIXTURES (Emorsgate)					
EL1- Flowering Lawn Mixture	kg/ha	g/m ²			
	40	4			

B	21/12/2015	Existing trees details amended to suite arb layout	JM	CJ
A	17/11/2015	Landscape proposals updated to suit architects latest layout	BS	AM
REV	DATE	NOTE	DRAWN	CHECKED
REVISIONS				

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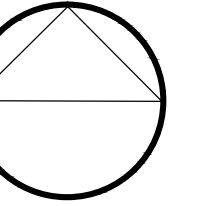
TITLE
Longford Park, Banbury
Employment Area, Planting Plan

CLIENT
Taylor Wimpey, Bovis Homes,
Barratt Homes.

SCALE	DATE	DRAWN	CHKD
1:250 @A1	NOV 2015	BS	AM
DRAWING NUMBER	REVISION		
5205/ASP.EA.PP.1.0	B		

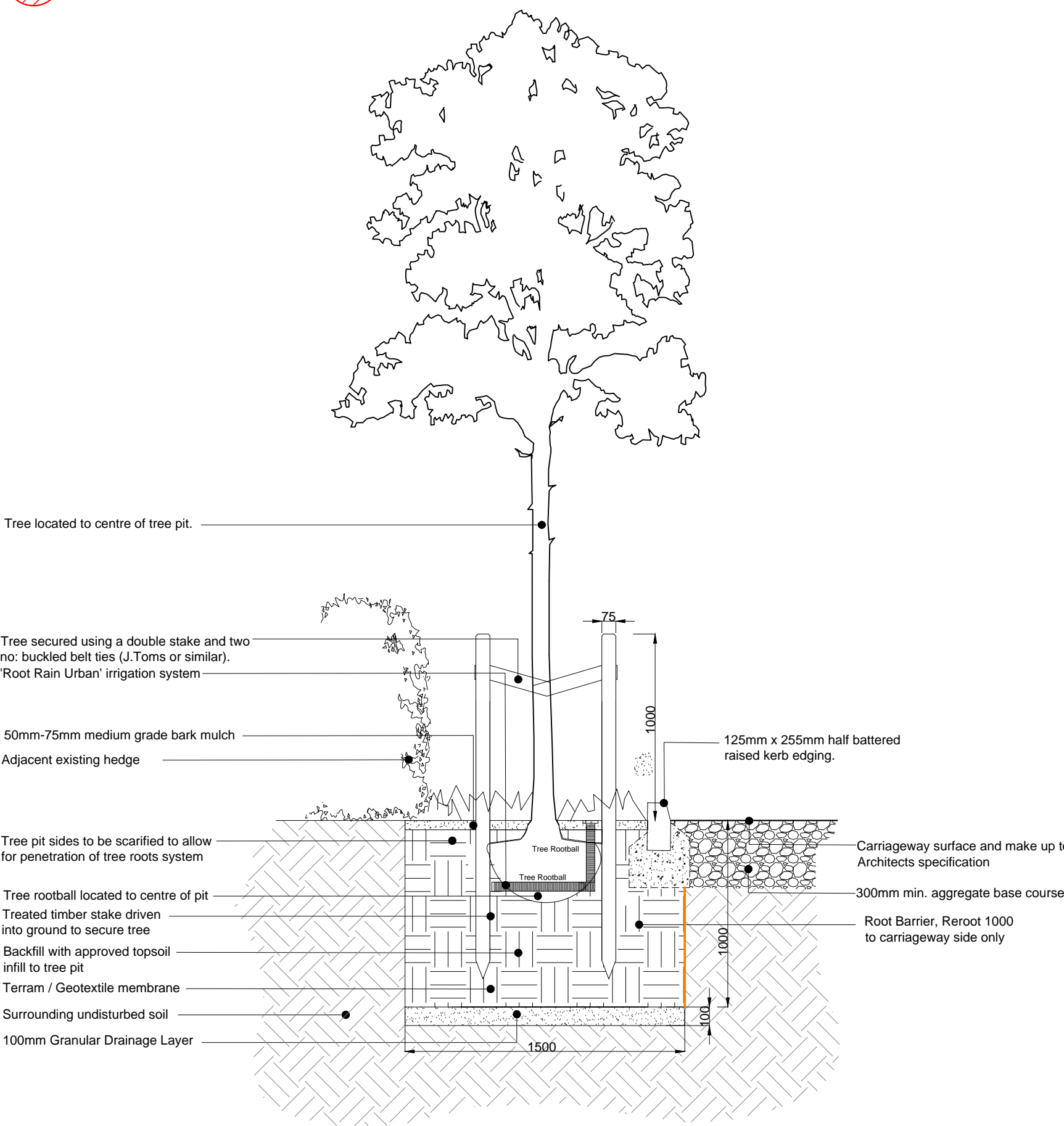
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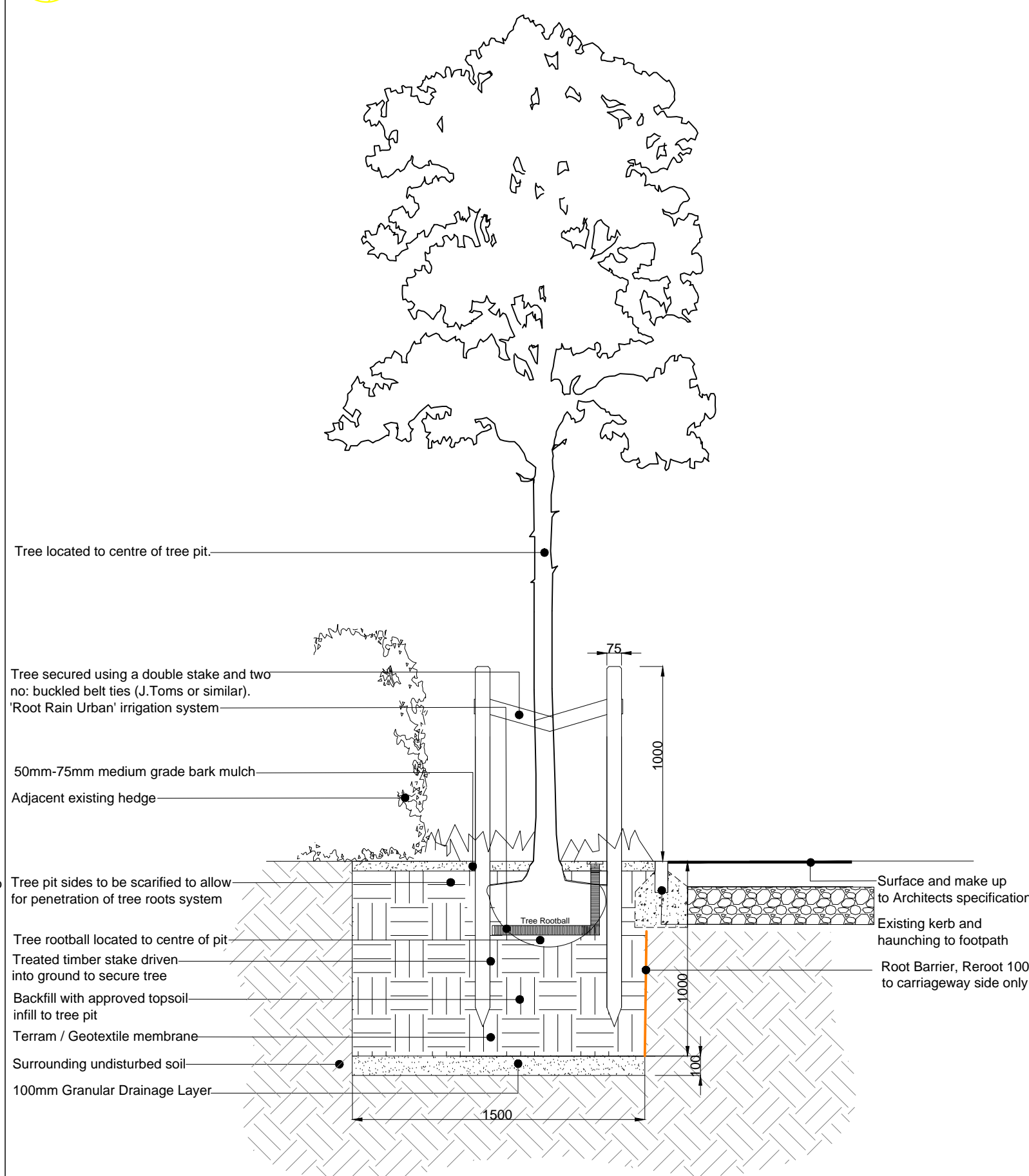
Root Barrier:
 Trees within or adjacent to hard surfaces, built form and where underground services are located will require root barriers to be installed. Reroot 1000 or similar should be used where necessary within 3m of proposed tree stem.

Tree Pit Adjacent Road Carriage



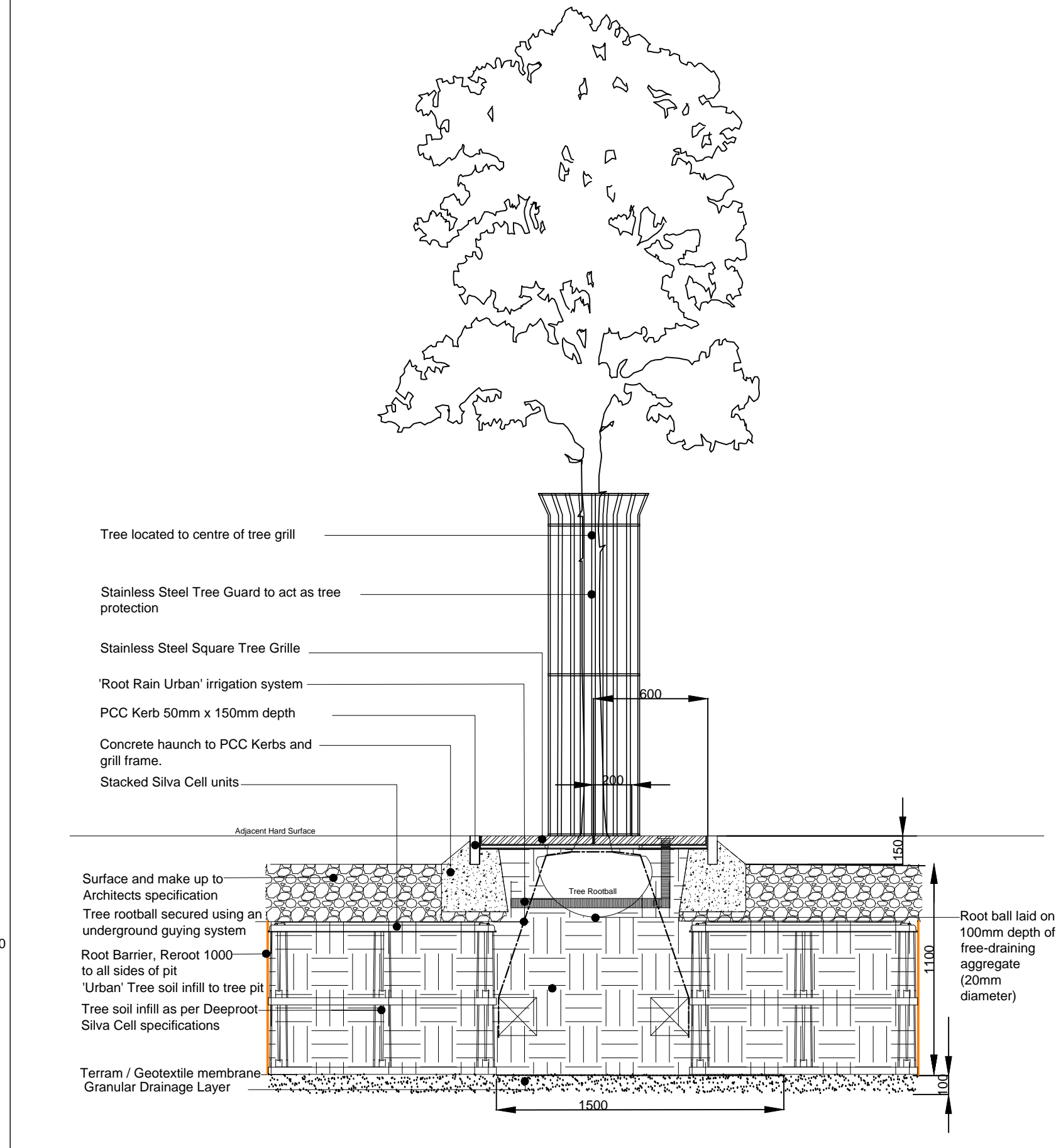
Tree Pit Detail 1
 Elevation View
 Scale 1:25 @ A1

Tree Pit Adjacent Footway



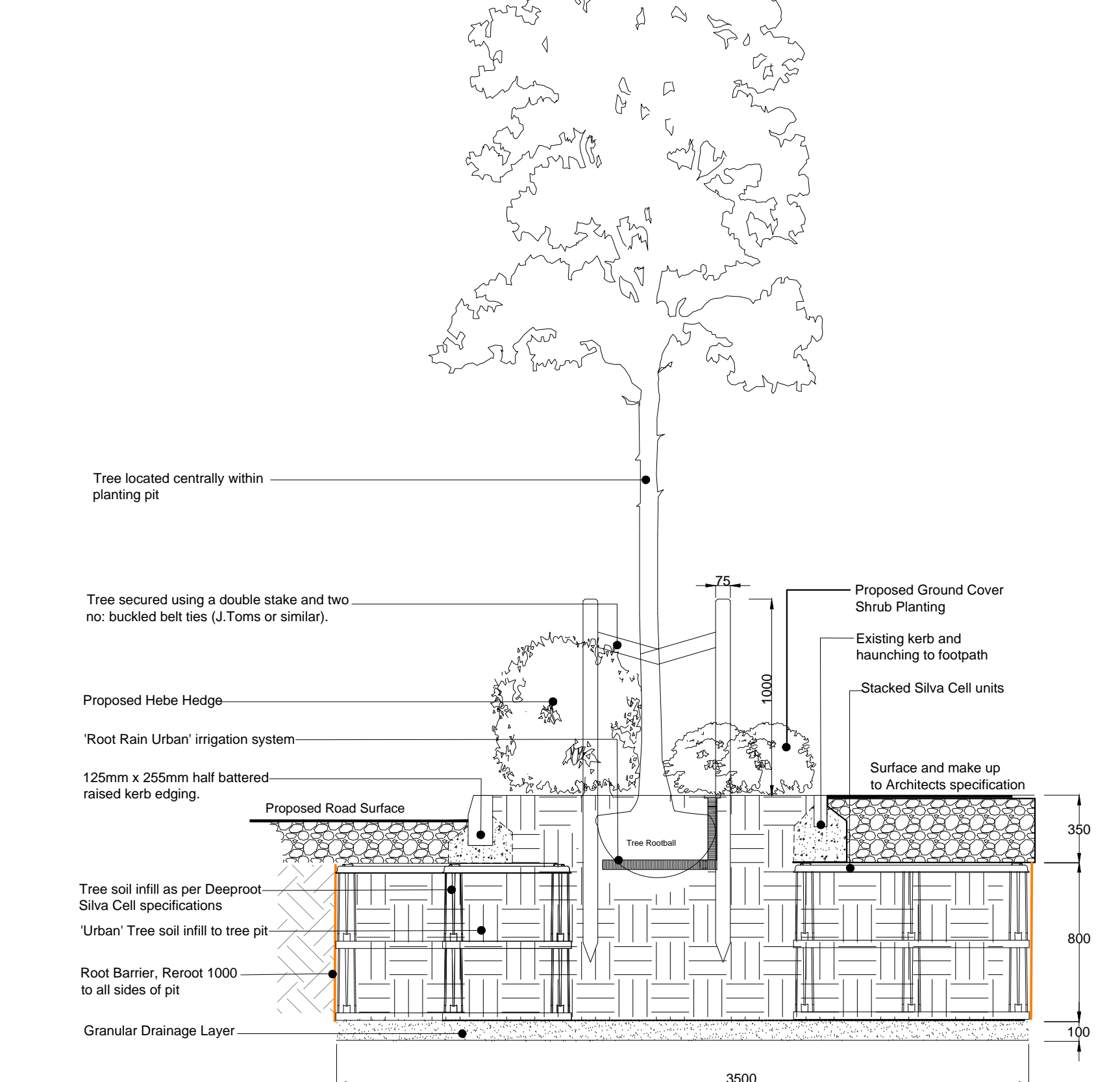
Tree Pit Detail 2
 Elevation View
 Scale 1:25 @ A1

Hard Landscape Tree Pit



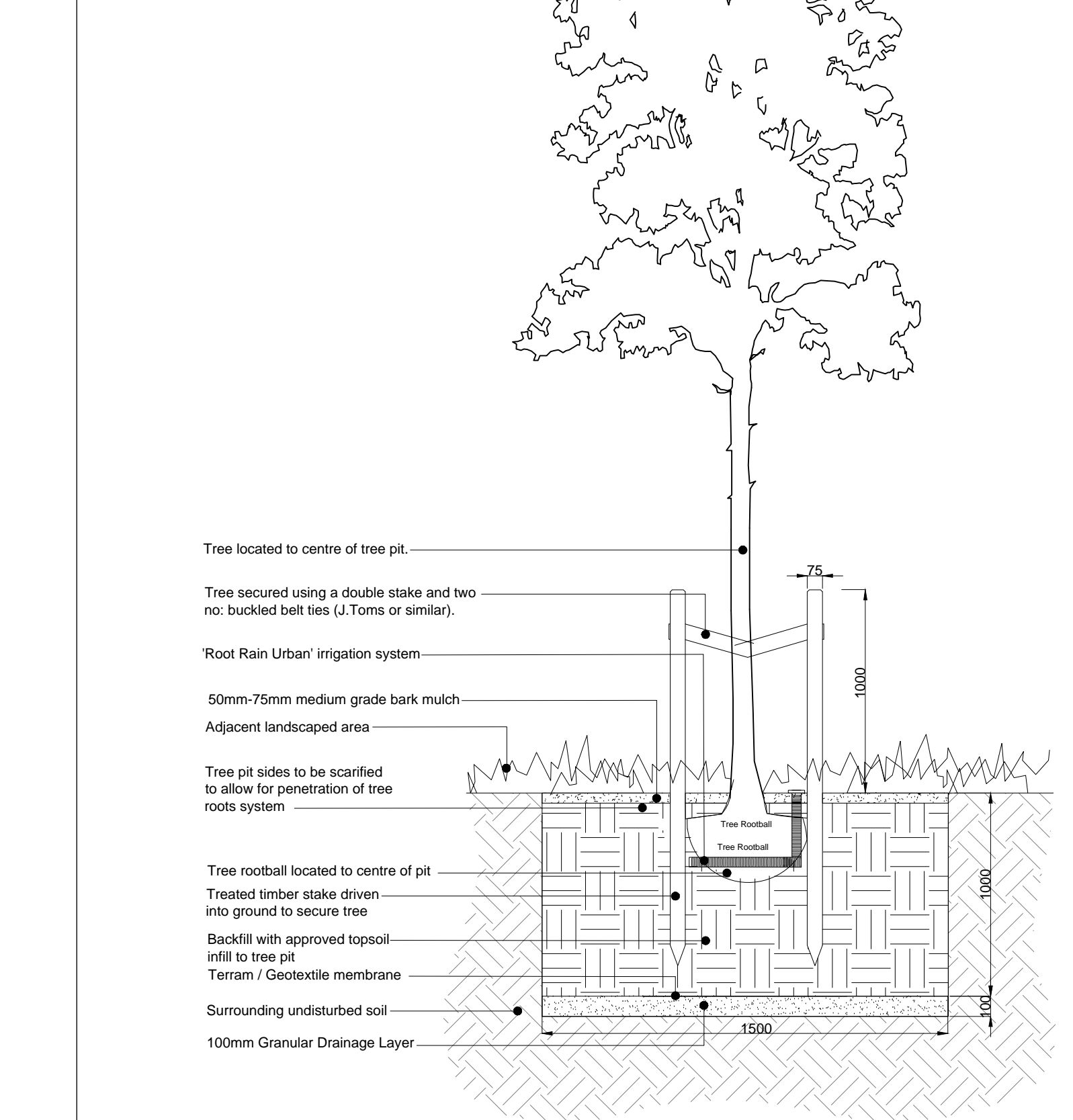
Tree Pit Detail 3
 Elevation View
 Scale 1:25 @ A1

Tree Pit Adjacent to Road Carriage and footway



Tree Pit Detail 4
 Elevation View
 Scale 1:25 @ A1

Tree Pit Within Soft Landscape Area



Tree Pit Detail 5
 Elevation View
 Scale 1:25 @ A1

REV	DATE	NOTE	BS	AM	Drawn	Chk'd
B	17/11/2015	Updated to current revision	JM	CJ		
A	17/11/2015	landscape proposals updated to suit architects latest layout	BS	AM		

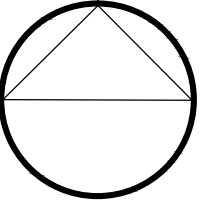
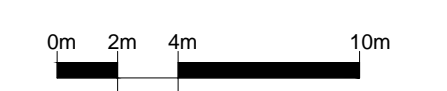
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





TITLE
Longford Park, Banbury Employment Area, Tree Pit Details

CLIENT
Barratt Homes, Bovis & Taylor Wimpey Homes

SCALE	DATE	DRAWN
Refer to drawing	NOV 2015	BS
DRAWING NUMBER	REVISION	
5205/ASP.EA.TPD. 2.1	B	

NOTES:
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-  Tree Pit Adjacent Road Carriage
-  Tree Pit Adjacent Footway
-  Hard Landscape Tree Pit
-  Tree Pit Adjacent to Road Carriage and footway
-  Tree Pit Within Soft Landscape Area
-  Proposed Root Barrier (Reroot 1000 or similar)
Indicative locations shown, subject to detailed services drawings being finalised.

Root Barrier:
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B	17/11/2015	updated to current revision	JM	CJ
A	17/11/2015	landscape proposals updated to suit architects latest layout	BS	AM
REV	DATE	NOTE	Drawn	Chk'd
REVISIONS				



TITLE
**Longford Park, Banbury
 Employment Area, Tree Pit Detail Plan**

CLIENT
Barratt Homes, Bovis & Taylor Wimpey Homes

SCALE	DATE	DRAWN
1:250 @A1	NOV 2015	BS
DRAWING NUMBER	REVISION	
5205/ASP.EA.TPD. 2.2	B	