



Material Legend:

- Existing Concrete surface retained
- Existing Vegetation retained and protected to Arborists specifications
- Proposed Woodland planting, refer to specification detail
- Proposed Hedgerow, refer to specification detail
- Proposed tree planting
- 2.5m radius clearance to services

Boundary treatments

Legend:

- Boundary 1 - 2m high fence erected along road boundary
- Boundary 2 - 2m high Tongue and Groove Timber fence
- Boundary 3 - Existing hedgerows to be retained and protected, refer to arboricultural report.
- Boundary 4 - Low Concrete wall with corrugated Metal sheet
- Boundary 1 - Existing boundaries to be retained

Site Excavation works required

- Existing Concrete surface to be removed where soft landscape is denoted on Landscape Masterplan.
- The Area shall be excavated by 1m depth and all hardcore and subsoil to be removed.
- cultivate an additional 300mm depth to break up and loosen soil.
- Install 200mm layer of washed Drainage stone
- Install 400mm of subsoil do not compact subsoil layer.
- Install 500mm of screened top soil.
- Finish Soil level shall be 100mm above finish surface level to allow for settlement in soil.
- Install 100mm of fine Grade Mulch to be installed on top of planted areas.

Tree Planting Specification

Tree planting throughout the scheme has been selected to blend the development in rural environs and create focal points within the development. All trees shall be planted between the months of Nov and March. The trees shall be purchased from a reputable nursery as rootball specimens and final order to be agreed by Landscape Architect. The trees shall be planted on delivery. If this is not possible due to weather conditions (wet or frosty), the plants must be heated in. All Trees positioned in hard landscaped areas shall be planted using the Strata cell specification with Root barrier please refer to specification sheets.

Maintenance Watering is essential during the first 2 growing seasons regardless of the weather conditions - 1000L/Tree/ Month.

Selected Semi-Mature Trees

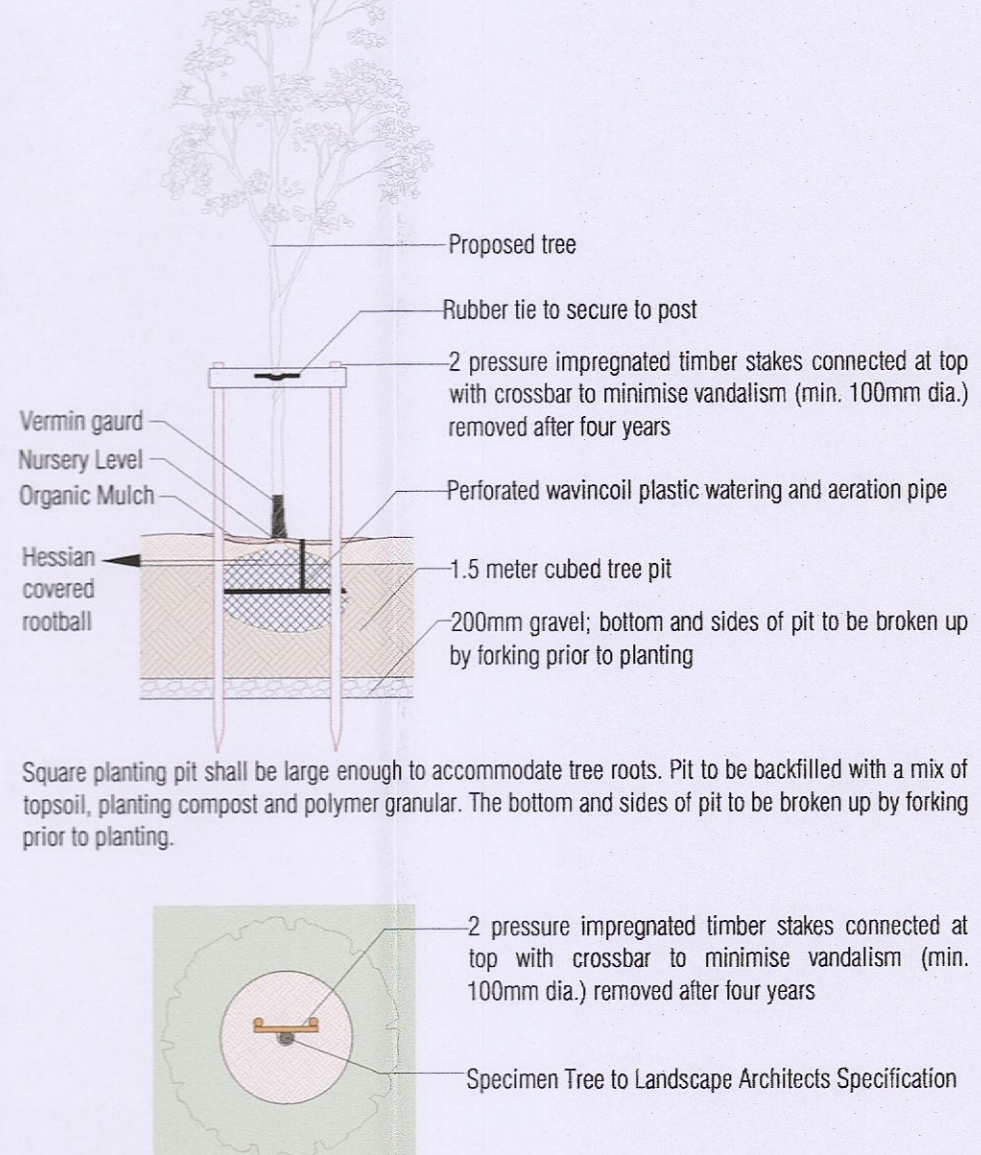
Specimen varieties	specification	Size	Rootball size	Height	Quantity
Pinus avium Plenar	Clearstem	20-25m+	600mm	6.0m+	1
Pinus sylvestris	Clearstem	20-25cm	600mm	6.0m+	5
Carpinus betulus	Clearstem	20-25cm	600mm	6.0m+	3
Fagus sylvatica	Feathered	20-25cm	600mm	6.0m+	3
Ilex aquifolium	Feathered	2m	600mm	2.0m+	3

Methodology and Guidance Notes:

The tree pit should have a diameter at least 100mm greater than that of the root system, with the depth not exceeding the rootball. Any glazed or smeared sides caused by digging shall be scarified with the use of a fork. The tree will be positioned in the centre of the planting pit at the correct depth, taking into account the root flare and finished level. Prior to backfilling the hessian twine/wire cage supporting the rootball shall be loosened or removed. Backfilling shall be carried out in layers of 150mm, ensuring the tree is held upright. At each stage the fill will be carefully firmed in to eliminate air pockets under and around the root system. The final layer of backfill will not be consolidated, but should be of a sufficient depth to allow for settlement and mulching. Formative pruning should be carried out if required, removing dead, damaged, crossing or diseased branches. Refer to Tree planting specification for tree anchoring system. All trees planting operation will be carried in accordance with BS8545:2014 Trees: from nursery to independence in the landscape - Recommendations.

Detail 1: Standard Rootball Tree Planting Specification

Not to Scale



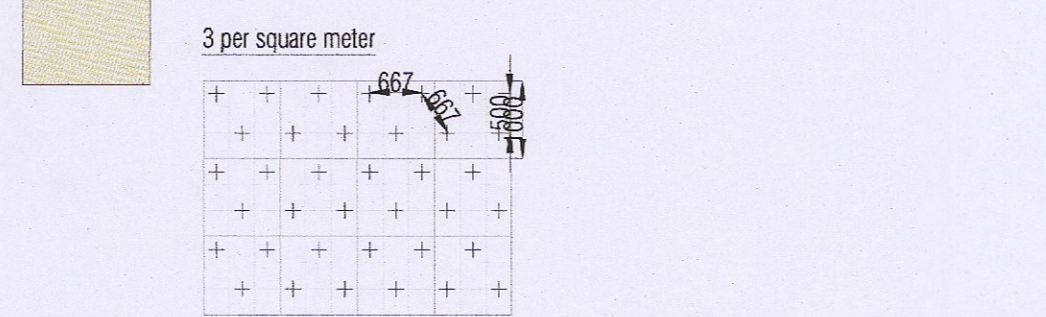
Specimen Tree to Landscape Architects Specification

Woodland Planting Mix

Indigenous planting shall be positioned as a backdrop to the open space of the development. Species will include hazel, whitethorn, field rose and wild apple. This will provide flowering species and berries to provide year round interest and improve ecological value of the site. The planting will provide a valuable food source and habitat for birds and invertebrates. Species to be planted in random groups to create a 'natural' effect. Planting shall be carried out first winter post construction. The planting shall be spaced at three plant / meter square. This will require coppicing suitable vegetation on a five year rotation. The plants shall be planted as whip materials. All plants shall be protected from vermin at planting with rabbit guards that shall be removed after a five year period. Quantities: The number of plants required is 930 (310 Som) shall be quantified post construction

Specimen varieties	specification	% mix	Size	Qty
Woodland mix (60%)				
<i>Corylus avellana</i> (Hazel)	b/r (1+1)	20%	60-90cm	112
<i>Crataegus monogyna</i> (Whitethorn)	b/r (1+1)	20%	60-90cm	112
<i>Salix</i> spp. (Willow)	b/r (1+1)	15%	60-90cm	84
<i>Euonymus europaeus</i> (Peg Bush)	b/r (1+1)	15%	60-90cm	84
<i>Ilex aquifolium</i> (Holly)	container	20%	2ltr	112
<i>Viburnum opulus</i> (Guelder Rose)	b/r (1+1)	10%	60-90cm	56

Specimen varieties	specification	% mix	Size	Qty
Herb layer planting (40%)				
<i>Hyacinthoides</i> (Bluebells)	container	10%	3ltr	38
<i>Anemone nemorosa</i> (Wood anemone)	container	15%	3ltr	56
<i>Primula vulgaris</i> (Primrose)	container	10%	3ltr	37
<i>Viola riviniana</i> (Dog Violet)	container	10%	3ltr	37
<i>Dryopteris affinis</i> (Male Fern)	container	15%	3ltr	56
<i>Polystichum setiferum</i> (Shield Fern)	container	10%	3ltr	37
<i>Digitalis purpurea</i> (Fox Glove)	container	15%	3ltr	56
<i>Allium ursinum</i> (Ramsoms)	container	15%	3ltr	56

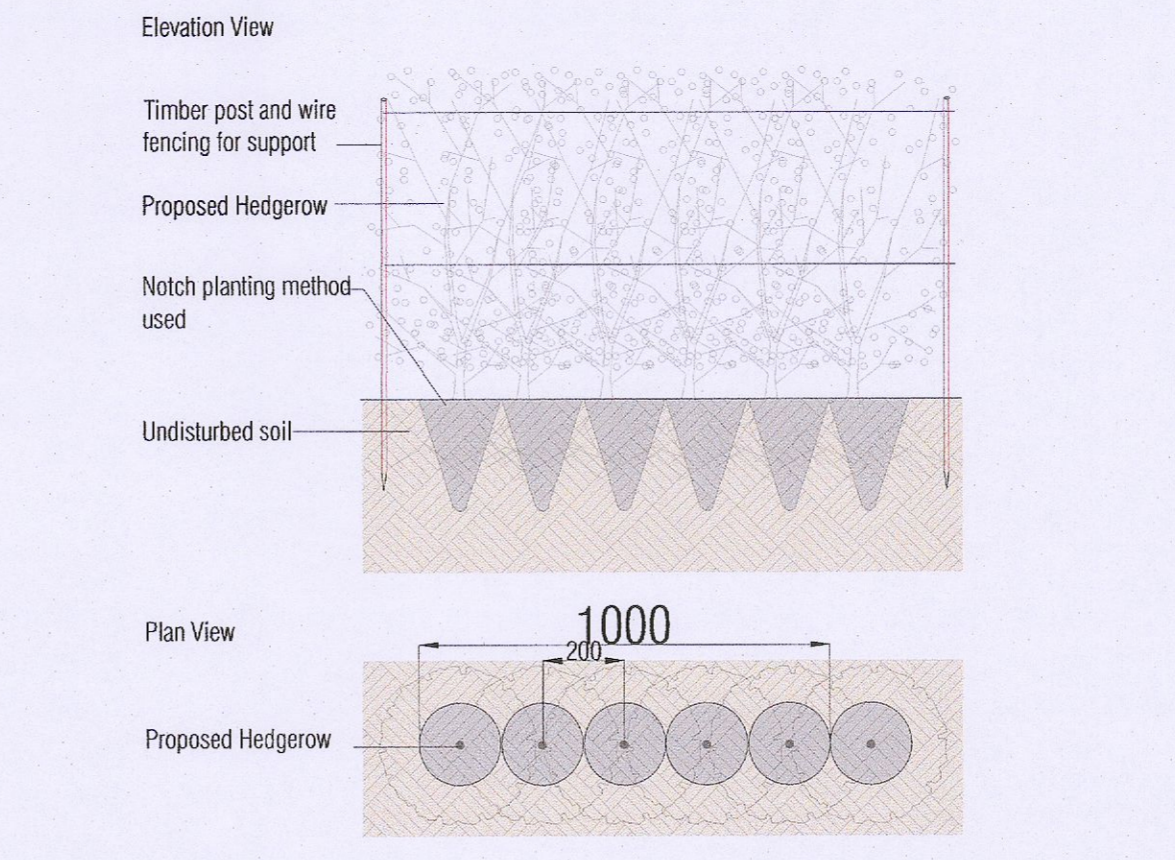


Mixed native hedge Public Realm

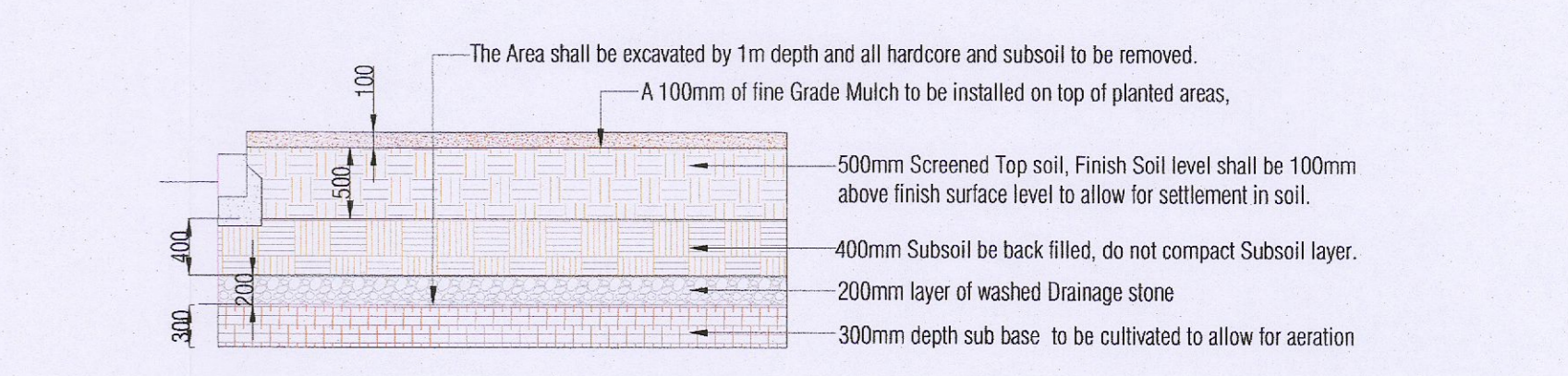
Mixed indigenous hedgerow b/r 5 plants/linm

Mixed native hedge Public Realm
The hedgerow shall be planted with 5 plants per linear meter along a post and wire fence for support. All plants shall be planted between the months of Nov and March. Plants shall be purchased from a reputable nursery as per specifications and planted upon delivery. If this is not possible due to weather conditions (wet or frosty), the plants must be heated in. Maintenance - The Hedgerow shall be maintained at 1.5m height.
Quantities - 350 no of plants required (70 linear meters)

Plants required	Specification	% mix	Size	Qty
<i>Crataegus monogyna</i> (Whitethorn)	b/r 1+2	60%	150-175cm	210
<i>Acer campestre</i> (Field Maple)	b/r 2+2	20%	175-200cm	70
<i>Corylus avellana</i> (Hazel)	b/r 1+1	10%	90-120cm	35
<i>Prunus spinosa</i> (Blackthorn)	b/r 1+1	5%	90-120cm	18
<i>Ilex aquifolium</i> (Holly)	r/b	5%	80-100cm	18



Site Excavation Section detail



Landscape Notes:

All Landscape Works shall be undertaken by ALCI approved Landscape Contractor and in accordance with Landscape specifications. Topsoil to BS 3882:1994, general grade, free from sharp edged stone. Backfilling Materials: A previously prepared thorough mixture of -70% by volume topsoil excavated for the pit and the additional topsoil as required. -25% by volume approved well-rotted organic material. -5% by volume coarse grained washed river sand. -600g/cu m bonemeal of medium fine texture, containing not so less than 20% soluble potash and 3-5% nitrogen.

Maintenance

Initial Landscape operations will be undertaken by ALCI member. All operations will be carried out to a standard specification. The contractor will be responsible for plant establishment for 18 months of establishment maintenance. Any trees and shrubs dying, damaged or removed shall be replaced in the following planting season with plant of similar size and species.