Coombe Cottage, Church Road, Mannings Heath, RH13 6JE

Hard and Soft Landscaping Scheme

REF: RH136JE Hard & Soft Landscaping 04

Retained / Removed Trees

Ref.	Species	Diam. at 1.5m height (m)	Spread (m)	Retain / Remove
T1	*Taxus baccata* (Yew)	0.86	8.0	Retain
T2	*Fraxinus excelsior* (Ash)	0.20	4.0	Retain (Off Site)
T3	*Acer pseudoplatanus* (Acer) (3 stem)	0.95/stem	5	Remove
T4	*Cypress*	0.40	7	Retain
T5	*Cypress*	0.30	5	Retain
T6	*Fagus sylvatica* (Common beech)	0.20	5	Retain
T7	*Fagus sylvatica* (Common beech)	0.20	5	Retain
T8	*Fagus sylvatica* (Common beech)	0.20	5	Retain
T9	*Fraxinus excelsior* (Ash)	0.40	9	Retain
T10	*Fraxinus excelsior* (Ash)	0.28	10	Retain
T11	*Fraxinus excelsior* (Ash)	0.20	9	Retain
T12	*Fraxinus excelsior* (Ash)	0.55	18	Retain
T13	*Conifer*	0.35	4.0	Retain (Off Site)

Replacement Planting

Ref.	Species	Height (m)	Pot Size (l)
+T1	Magnolia Grandiflora Full Standard	3m	35
+T2	Acer Platanoides Princeton Gold Maple	3m	Rootball

Existing Retained Trees

Trees to be removed

Replacement Planting

Existing Beech, Portuguese Laurel and Holly mix hedging to be retained

Existing Concrete Hardstanding

P1 - Porcelain Paving with falls away from building

P2 - Granite Setts bedded in mortar at threhold to prevent gravel spread

P3 / P4 / P5 - Permeable Block Pavers

P6 - Pea Shingle Gravel

Garden Fence 1.8 metre high; FSC rated treated close boarded timber fence

77.99 Existing Levels

- Small trees with stems less than 75mm diameter at 1.5m height are not shown
- All planting to conform to BS 8545:2014 Trees from nursery to independence in the landscape – Code of practice
- All construction within RPA of existing trees to be No-dig for root protection.
- Close boarded fences to rear garden to include gaps in the gravel boards for species such as hedgehogs to pass through.
- Tree Planting Specification (BS 8545 compliant). Planting Pits: Excavate 1.2m × 1.2m × 0.6m deep (min.), square-sided, breaking through compaction. Loosen base 300mm extra.
- Preparation: Fork sides 150mm; remove roots/stones >25mm. Backfill imported loamy topsoil (BS 3882) + 25% peat-free compost + rootgrow mycorrhizae (15g/m^3). No building rubble.
- Planting & Establishment: Plant to nursery soil mark; firm gently; water to field capacity. Stake single-bamboo + rubber tie (not tree girth). Mulch 75mm bark to drip-line (no stem contact). Water weekly Year 1; form saucer; inspect/formative prune Year 1-2.
- The eastern boundary's mature hedging and trees form a natural secure barrier any security fencing erected near retained vegetation during the construction phase will be kept to a mini-mum and positioned to ensure vegetation is protected during the construction phase.

P3

Permeable brick pavers above Geocell or equivilant to protect RPA

Construction Detail (top to bottom)

1. Permeable brick pavers
2. 50mm sharp sand bedding course.
2. Terram Geocell (150-200mm depth) or equivalent cellular confinement system filled with 10mm gravel.
3. Geotextile separator (150gsm non-woven).
4. Existing gound level

Precautions to ensure viability of off-site retained trees T13 and T2

• Hand-Breaking & Upward Lifting: The 150mm concrete slab will be broken using hand-held tools only. Slabs must be lifted vertically upward and outward by hand, or via a machine arm stationed outside the Root Protection Area (RPA). Dragging or scooping buckets across the ground is prohibited.

• Zero Soil Disturbance: Apart from the requirement for the new power cable, removal will stop strictly at the underside of the 150mm concrete, leaving the sand sub-base and underlying soil completely undisturbed.

• Immediate Protection: Exposed ground will be covered immediately with a non-woven geotextile membrane before installing the cellular confinement system.

P4

Permeable brick pavers above Geocell or equivilant to protect RPA

Construction Detail (top to bottom)

1. Permeable brick pavers
2. 50mm sharp sand bedding course.
2. Terram Geocell (150-200mm depth) or equivalent cellular confinement system filled with 10mm gravel.
3. Geotextile separator (150gsm non-woven).
4. Existing gound level

Precautions: Hand-remove turf/vegetation (max 50mm depth); no topsoil stripping or excavation. No heavy machinery in RPA. No compaction of soil below geotextile.
Note - Ground level at P4 intersection with RPA of T1 Yew is 0.41m lower.

P5

Permeable brick pavers

Construction Detail (top to bottom)

1. Permeable brick pavers
2. 50mm open-graded bedding aggregate
3. 250-350mm permeable sub-base
4. Geotextile membrane
5. Compacted sub-grade

P6

Gravel above Geocell or equivalent to protect RPA

Construction Detail (top to bottom)

1. 10-20mm angular gravel
2. Terram Geocell (150-200mm depth) or equivalent cellular confinement system filled with 10mm gravel.
3. Geotextile separator (150gsm non-woven).
4. Existing ground level

Precautions: Hand-remove turf/vegetation (max 50mm depth); no topsoil stripping or excavation. No heavy machinery in RPA. No compaction of soil below geotextile.

P7

Paving slabs above Geocell or equivalent to protect RPA (Bin Stores)

Construction Detail (top to bottom)

1. Paving slabs
2. 50mm sharp sand bedding course.
3. Terram Geocell (150-200mm depth) or equivalent cellular confinement system filled with 10mm gravel.
4. Geotextile separator (150gsm non-woven).
5. Existing gound level

Precautions: Hand-remove turf/vegetation (max 50mm depth); no topsoil stripping or excavation. No heavy machinery in RPA. No compaction of soil below geotextile.

