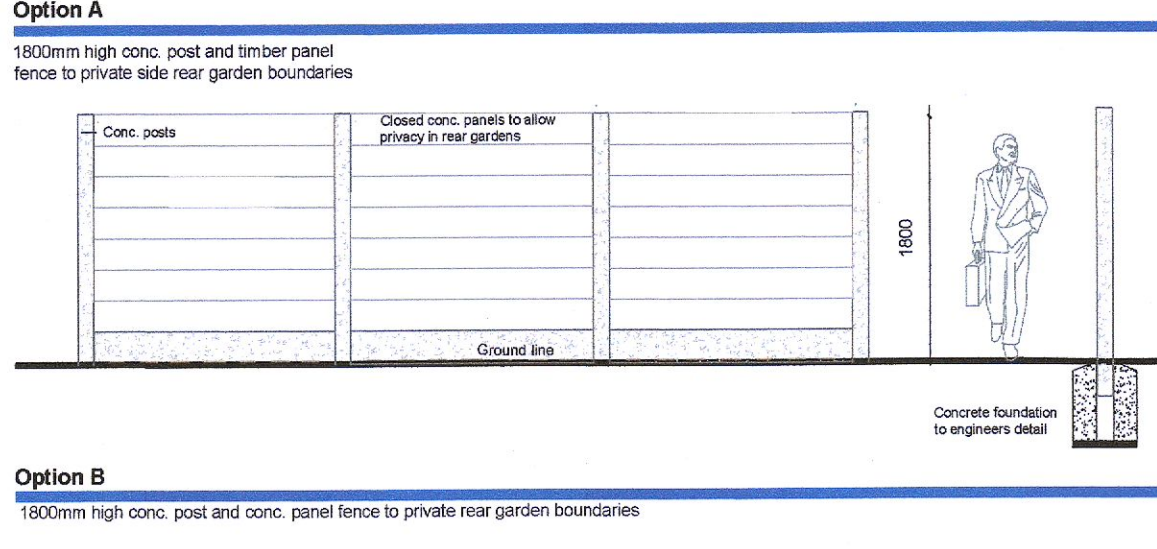
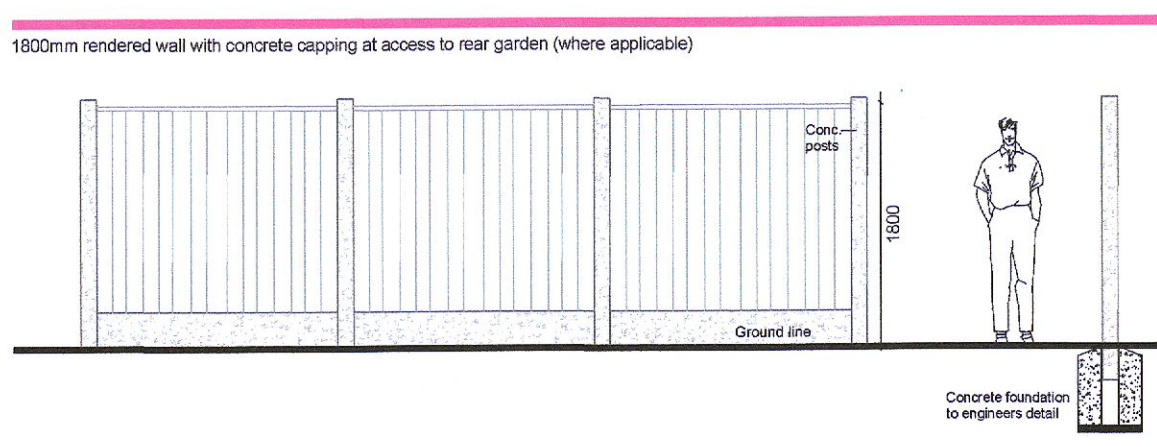
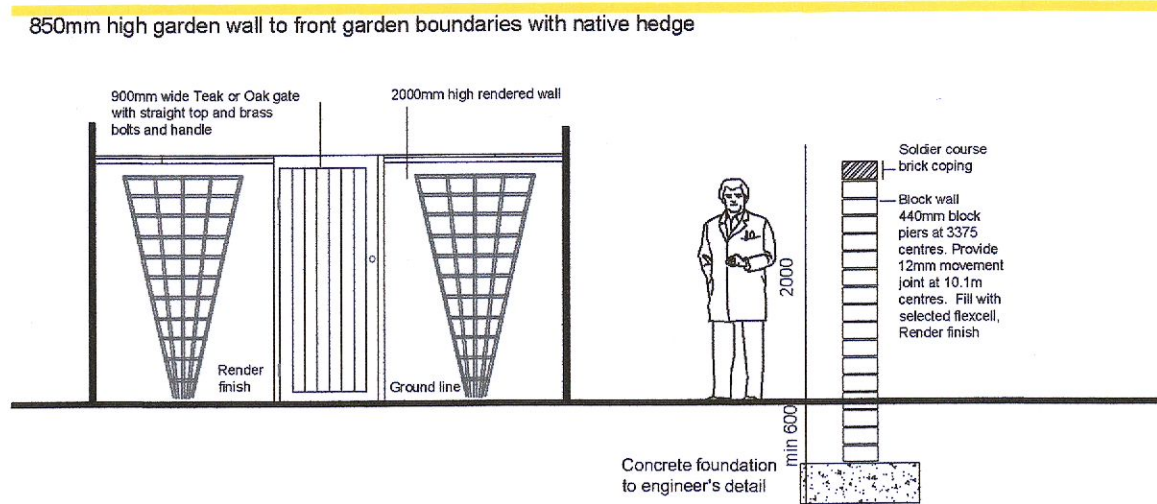
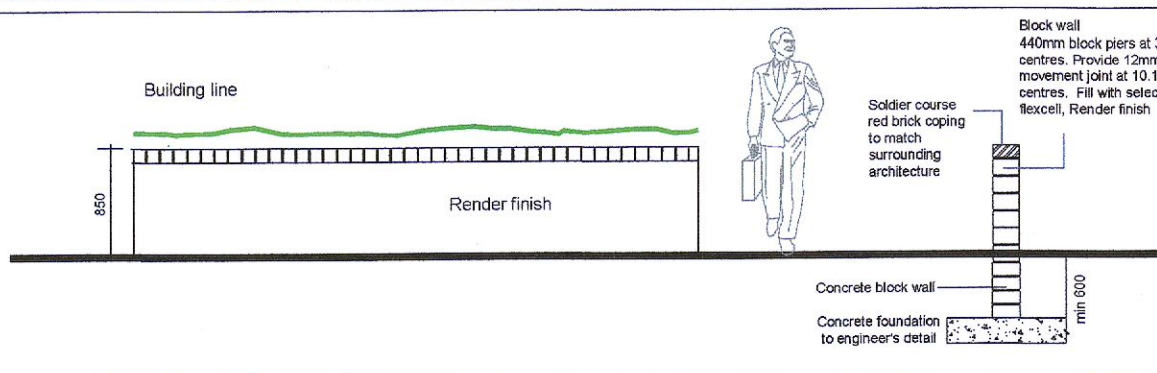


Legend

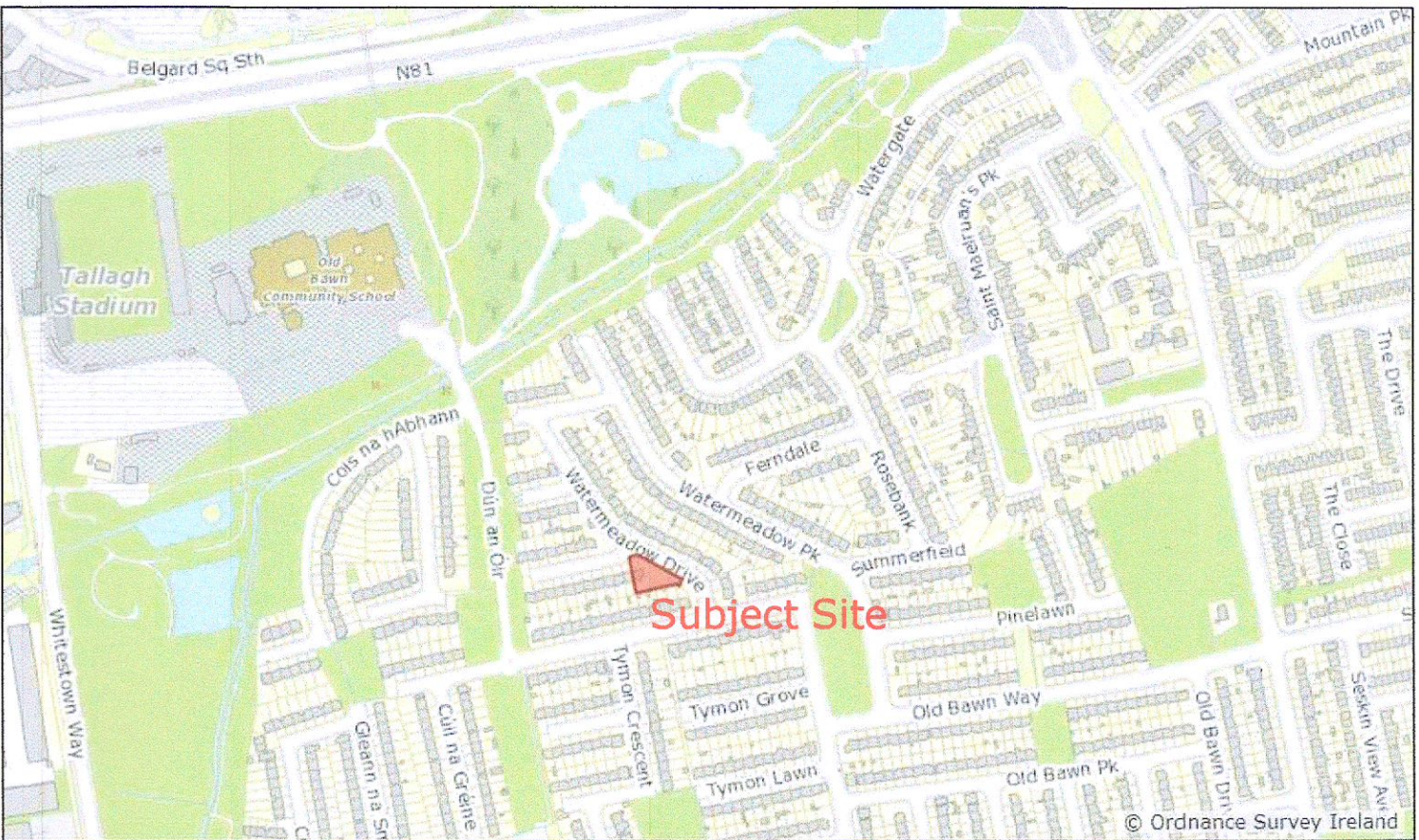


NOTES:
 • FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
 • THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
 • DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
 • NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED

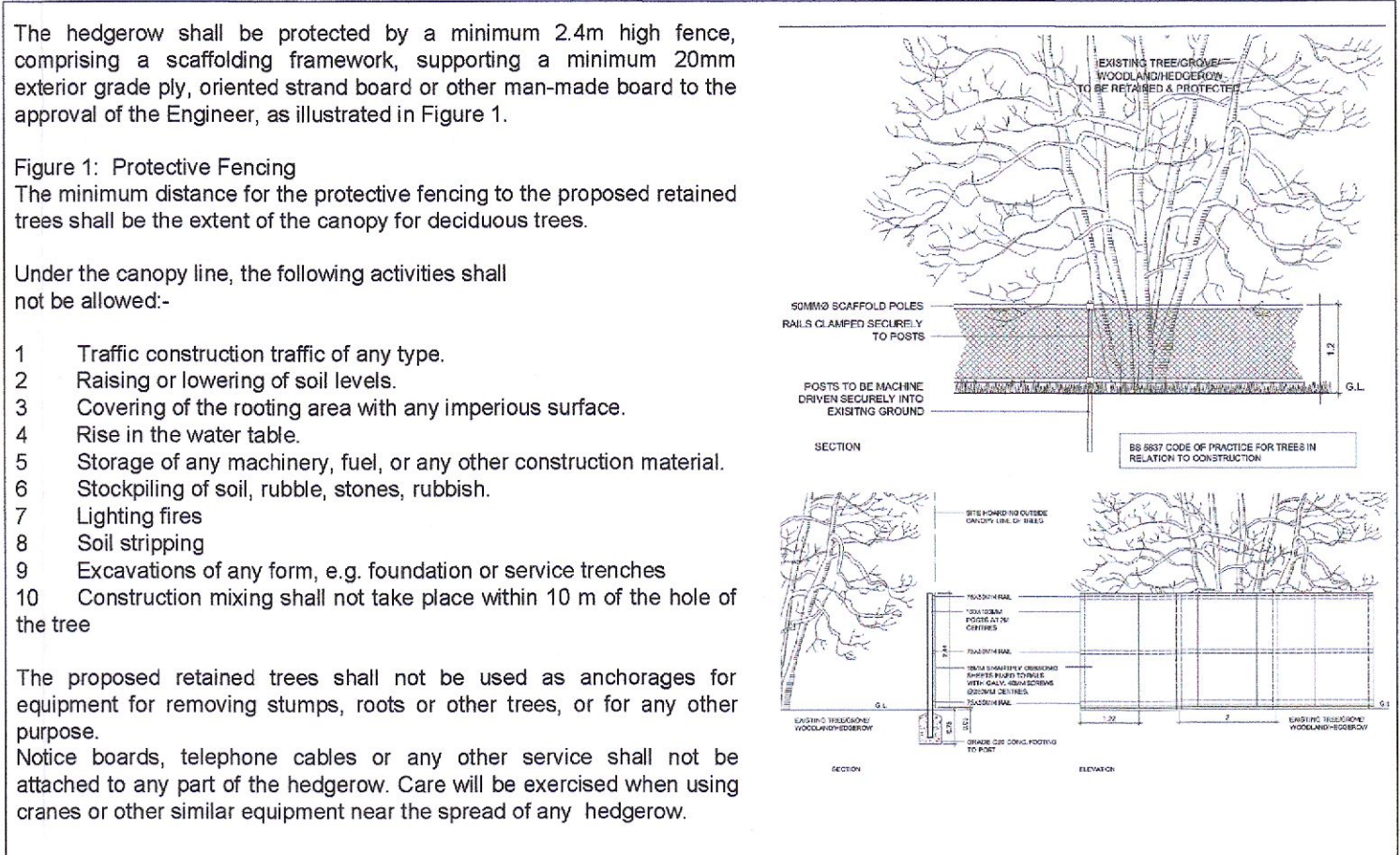
Boundary Treatment Details



Context Plan



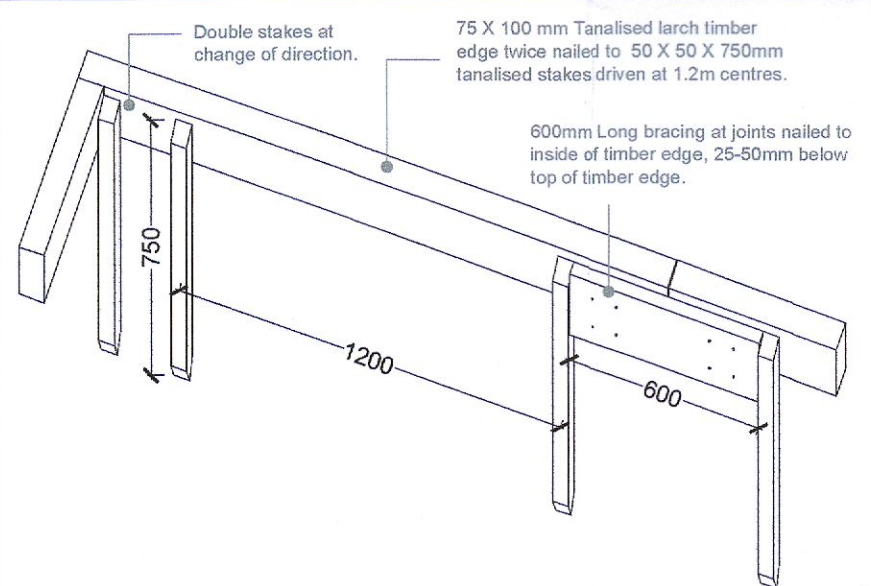
Tree Protection Details



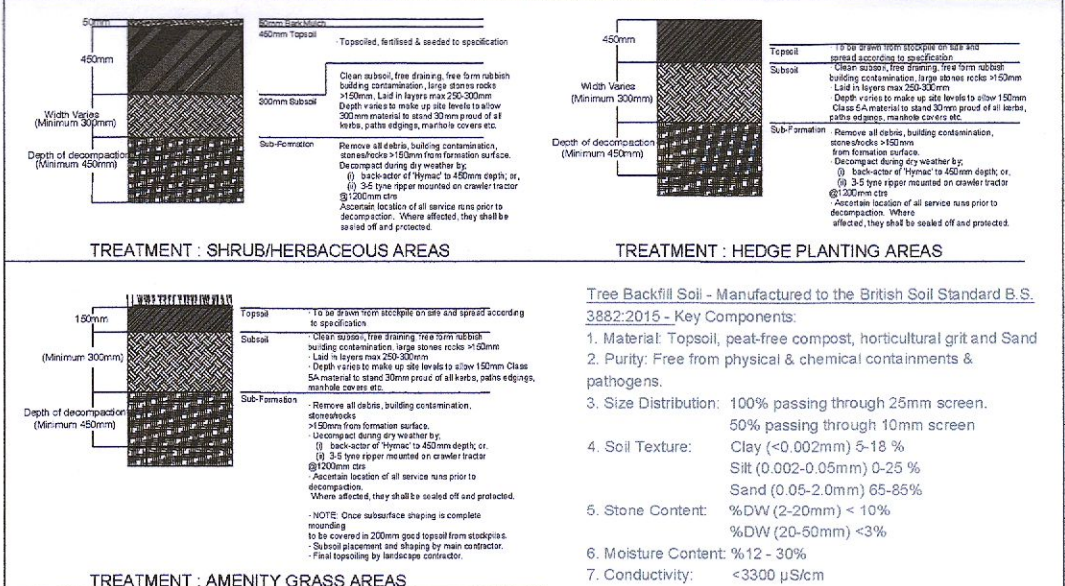
Trees & Construction Notes

All excavations around existing mature trees shall be done in root friendly methods that will cause little damage to tree roots.
 All works shall be carried out in accordance with:
 BS: 5837 Trees in relation to design, demolition and construction
 BS 3998:2010 Tree work Recommendations.
 BS 8545:2014 Trees: from nursery to independence in the landscape
 Any divergence from the required BS standards must be agreed with the Parks and Landscape Services in writing.
 Roots, whilst exposed shall be immediately wrapped or covered to prevent desiccation and to protect them from rapid temperature changes. Any wrapping should be removed prior to backfilling, which should take place as soon as possible.

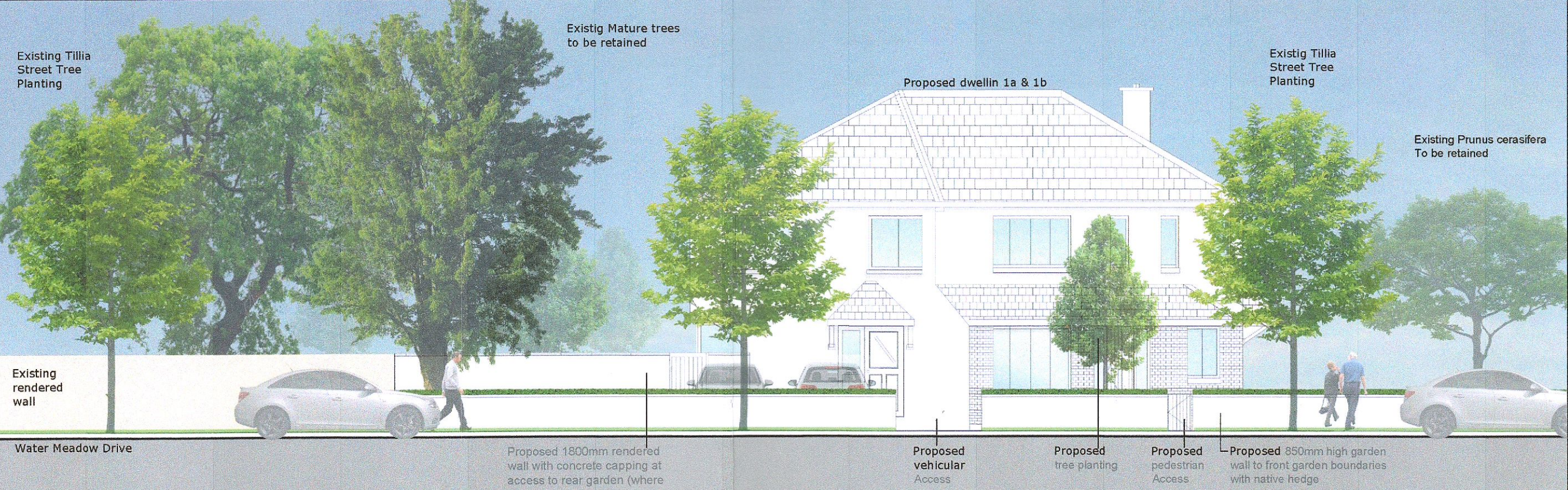
Timber Edge Detail



Topsoil/Subsoil Details



Section/Elevation/Perspective A-A scale 1-100 @A1



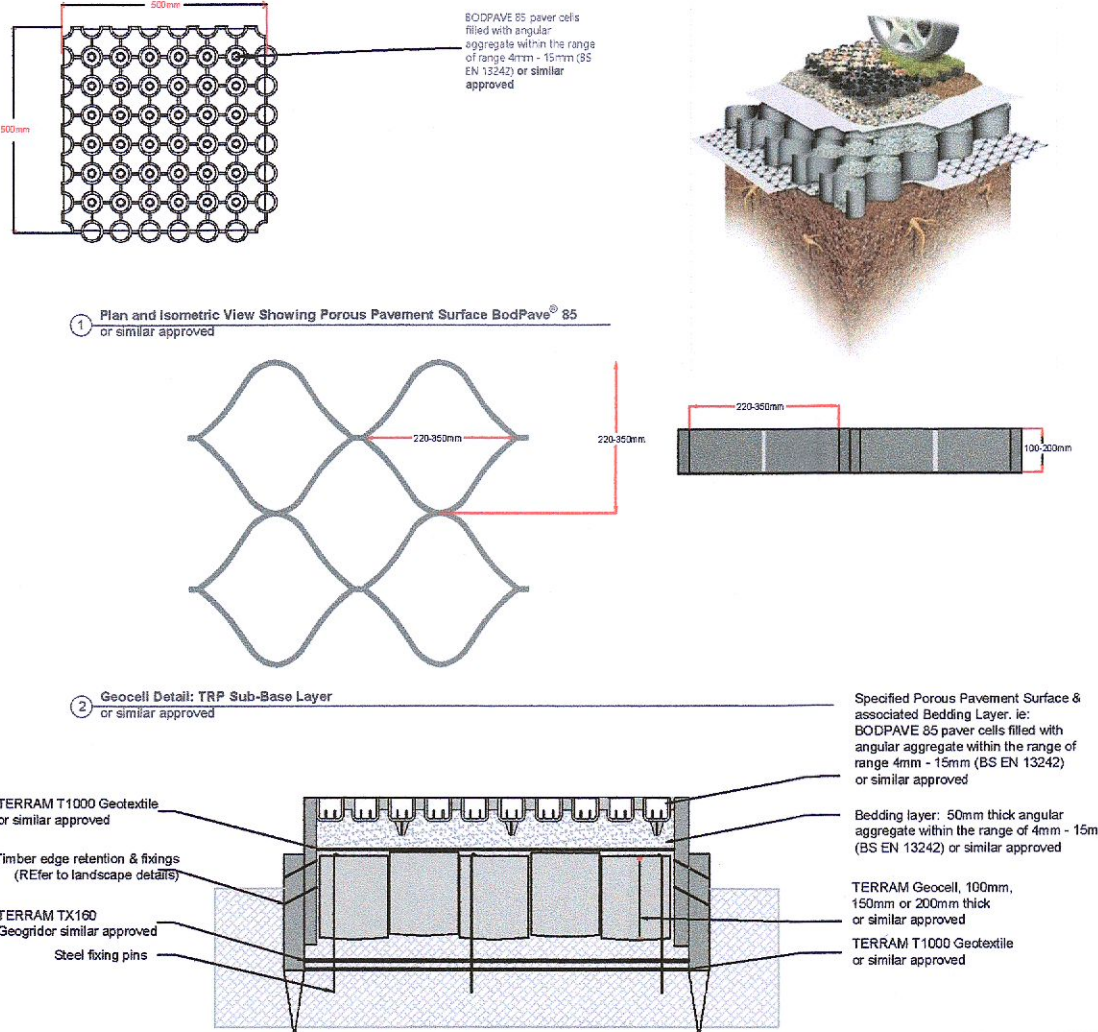
Planting Schedule 1A

Planting Area 17 sqm	Tree Planting 1 No. Amelanchier lamarckii, RB, CS, 14-16cm girth
Specimen Shrubs	3 No. Hydrangea paniculata limelight 10L
Herbaceous/Shrubs	5 No. Agapanthus africanus 'big Blue' 5L 5 No. Agapanthus africanus Albus 5L 10 No. Brunnera macrophylla jack frost 2L 5 No. Digitalis purpurea alba 2L 5 No. Dyogetaria filix-mas 2L 3 No. Erigeron karvinskianus 2L 15 No. Erigeron karvinskianus 5L 3 No. Francoa sonchifolia pink giant 2L 5 No. Geranium Rozanne 2L 10 No. Geum botanica 2L 5 No. Libertia formosa 5L 5 No. Persicaria darjeling red 2L 10 No. Verbena bonariensis lolipop 2L 10 No. Vinca minor gertrude jekyll 2L
Bulbs	100 No. Allium purple sensation 100 No. Narcissus cheirifolius yellow 100 No. Tulip white triumphator
Planting to be planted in groups of 1.3 & 5's with no patterns. All planting to be overseen by the project landscape architect.	
Planting Area Existing Property	Tree Planting 1 No. Amelanchier lamarckii, RB, CS, 14-16cm girth

Planting Schedule 1B

Planting Area 100 sqm	Tree Planting 4 No. Betula utilis jacquemontii, RB, CS, 14-16cm
Hedge Planting	220 No. Crataegus monogyna BR, 100cm ht.
Specimen Shrubs	1 No. Amelanchier lamarckii, RB, MS, 2.5m ht 7 No. Cornus alba Siberica 2L 10 No. Hydrangea paniculata limelight 10L
Herbaceous/Shrubs	20 No. Agapanthus africanus 'big Blue' 5L 20 No. Agapanthus africanus Albus 5L 15 No. Brunnera macrophylla jack frost 2L 15 No. Digitalis purpurea alba 2L 25 No. Dyogetaria filix-mas 2L 10 No. Euphorbia polychroma 2L 25 No. Erigeron karvinskianus 2L 25 No. Francoa sonchifolia pink giant 2L 30 No. Geranium Rozanne 2L 30 No. Geum botanica 2L 25 No. Libertia formosa 5L 25 No. Persicaria darjeling red 2L 35 No. Verbena bonariensis lolipop 2L 50 No. Vinca minor gertrude jekyll 2L
Bulbs	200 No. Allium purple sensation 200 No. Narcissus cheirifolius yellow 200 No. Tulip white triumphator
Planting to be planted in groups of 1.3 & 5's with no patterns. All planting to be overseen by the project landscape architect.	

No Dig Driveway - Methodology



Installation method for Geocells TRP (or similar approved) for driveways.
 1. Obtain the approval of the Parks department for the method of construction proposed and any imposed limitations on the use of mechanical equipment.
 2. Remove all debris and reduce surface levels to the allowable reduced dig whilst strictly avoiding soil compaction and tree root Build-up directly on the existing surface levels may be necessary.
 3. Ensure that the prepared surface is reasonably even and fill any localised depressions with sharp sand to achieve an even surface profile. Do not roll or consolidate the area.
 4. Install tanalised timber edging boards (Refer to landscape details) to the perimeter of the construction zone as appropriate to the total layer profile thickness. Avoid damage to tree roots when placing/fixing posts and pegs.
 5. Install a layer of TERRAM T1000 geotextile (or similar approved) across the site (as highlighted in the landscape drawings), over lapping adjacent rolls by a minimum of 150mm. Lightly pin the geotextile in place until the overlying layers are installed as required.
 6. A layer of TERRAM TX160 geocell (Or similar approved) must be required depending upon the site soil strength, traffic loading intensity/frequency and any restrictions on build-up depth. Place the geocell layer over the T1000 geotextile layer (Or similar approved) and fix down using steel pins to hold flat. Overlap adjacent rolls by minimum 150mm. Avoid tree root damage and soil compaction.
 7. Open out the TERRAM Geocell layer (Or similar approved) and pin in place using steel fixing pins or similar approved between the edging boards. The pins hold the cells in an open and fully expanded position during the filling process. Pin spacing will vary according to the site conditions, generally 1m - 2m centres on flat surfaces around the perimeter and where panels join. Drive the pins in so that they are just touching the top of the cells but do not compress the fabric and avoid tree root damage. Cut the TERRAM Geocell (Or similar approved) to suit using a sharp knife/scissors or alternatively fold up against the edgings.
 8. Fill the TERRAM Geocell (Or similar approved) with a clean, open graded angular aggregate (5mm - 45mm) working towards the tree from the furthest point away and using the filled TERRAM Geocell (Or similar approved) as a platform. (Single sized, rounded aggregate or DoT Type 1 should not be used). Do not roll the surface, a light vibratory compaction plate may be permitted to settle the stone into the cells; seek advice from the specifier or Arboricultural Officer. Do not contaminate the filled cells with site debris, soil or mud.
 9. Install the permeable surface layer such as TERRAM BODPAVE 85 (Or similar approved) on top of the TERRAM Geocell (Or similar approved) according to the manufacturer's recommendations. The type of bedding layer will depend upon the specification of the porous surface, an additional layer of TERRAM T1000 geotextile (Or similar approved) may be required over the filled Geocell to prevent loss of the bedding layer material into the voids. Please refer to Specification, Design and Installation Guidance for BODPAVE 85 (Or similar approved), or refer to the specific manufacturers' guidance for other surfacing materials.
 10. All No Dig Driveway technology to be installed as per manufacturers details.

Landscape Maintenance/Aftercare

All aftercare to be undertaken by the client or their appointed contractor. The Client shall:
Spring
 - In March/April plants will be checked for survival.
 - Any plants that have died will be replaced using the same methods for planting.
 - Any loose soil around the base of the plants & any plants lifted by frost will be firmed down by foot.
 - Mulching depth will be checked & reinstated to a depth of 75mm if inadequate.
 - Regular watering will occur (refer to irrigation details on 301)
Summer
 - Plants will be inspected and checked for any diseases or problems and rectified as appropriate.
 - The mulch will be checked and reinstated if found to be inadequate.
 - Weeds will be removed by hand if found to be growing in the mulched area.
 - The plants will be formatively pruned where identified as necessary to ensure good long-term form.
 - Regular watering will occur (refer to irrigation details further in the report).
Autumn
 - Plants will be checked to establish whether they have a secure root-hold & can remain upright.
 - Stakes and supports will be removed where plants indicate they can support themselves.
 - Mulching depth will be checked and reinstated if inadequate.
 - Regular watering will cont. If prolonged summer temps extend into the season or if drying winds occur.

Landscape Implementation

All planting will be carried out in the next available planting season following completion of the building (October to March). Container grown plants can be planted outside of this time providing adequate aftercare is provided.
 The landscape proposals will be implemented by the client or their appointed contractor.
 Any tree or shrub forming part of the landscaping that dies, is damaged, diseased or removed within 5 years following completion shall be replaced during the next available planting season (October to March inclusive) with a tree or shrub of the same species and size.
 The following publications have been used in the production of this report:
 - BS545: Trees: From nursery to independence in the landscape - Recommendations (2014)
 - BS 3882: Specification for Top soil (2007)
 - BS 4043: Recommendations for Transplanting root balled trees (1989)
 - BS 4428: Code of practice for General Landscape Operations (1989)
 - BS 7370: Recommendations for Maintenance of Soft Landscapes (Other than amenity turf): Part 4 (1993)
 - BS 3969: Recommendations for turf for general purposes (1998)

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