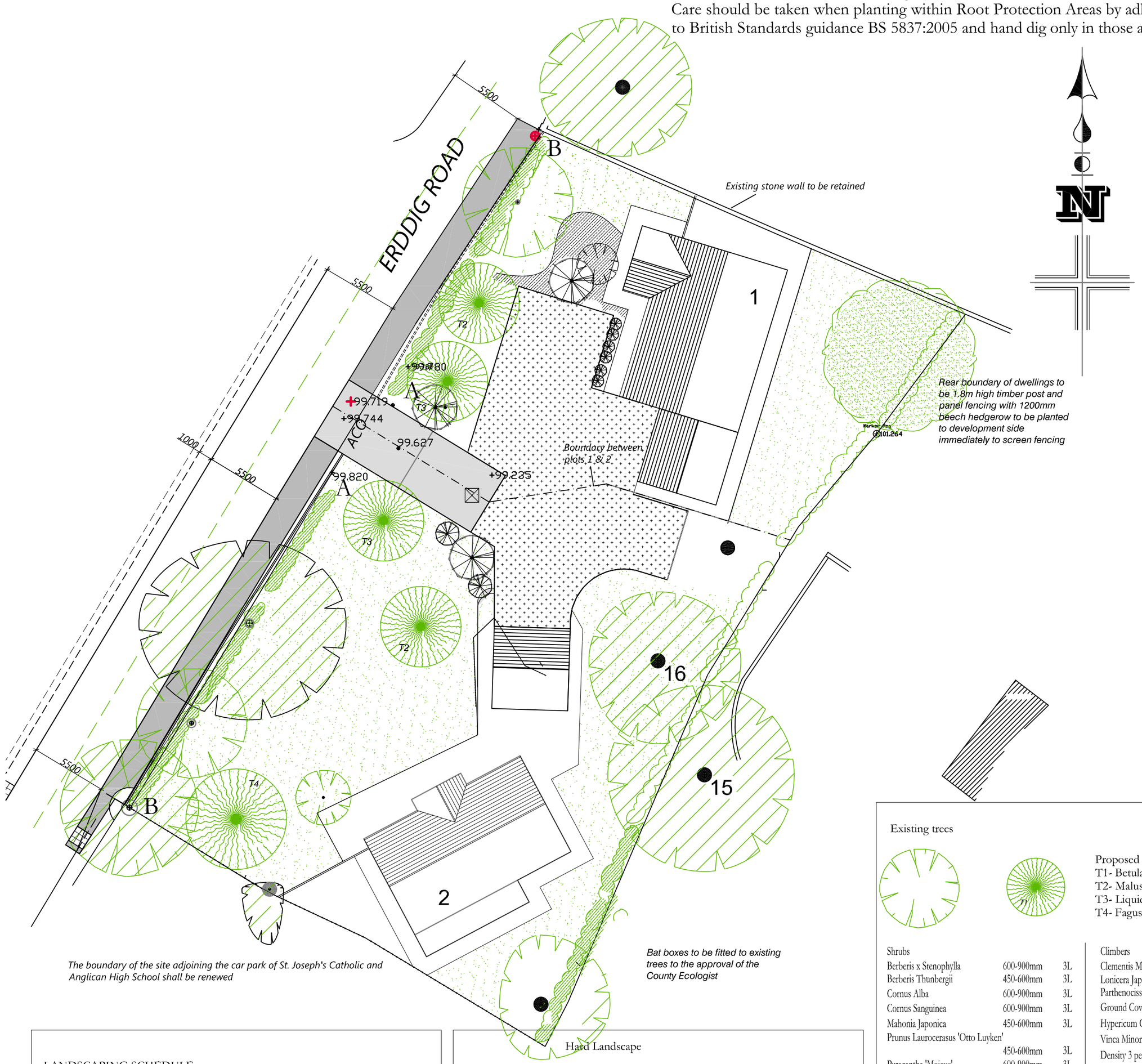
For trees to be removed see drawing 13.5436/8.
Care should be taken when planting within Root Protection Areas by adhering to British Standards guidance BS 5837:2005 and hand dig only in those areas.



LANDSCAPING SCHEDULE

Soft Landscpae

All plant stock to be to BS3936 1965 Part 1
All landscape work to comply with BS4428 1989

Proposed beech hedgerow comprising to points A-B, 6 plants per metre, alternate planting in 2 rows- staggered at 450mm centers against timber picket fence at back of new footpath. Provide spiral rabbit guard protection to feathered whips

Grassed area

Shrubs- mix to be as specified below

Retained existing trees with Tree Protection Zones in accordance with Arboricultural report. Numbering corresponds with report prepared by Tree Solutions

Hard Landscape

To areas shown on plan, a No-Dig Construction philosophy shall be applied to protect the tree roots and the surrounding soil being damaged in accordance with APN12 and BS 5837:2005
This can be achieved by using perforated CORErootprotector or similar in depths of 100mm to pathways.
The cells shall be filled with granular materials, creating a three dimensional erosion barrier and structural bridge, confining free draining sub- base materials, stabilising the ground and enhancing drainage.

100-150mm of a certified MOT type crushed limestone or equivalent material to be compacted using the right weight of compactor, 50mm binder course with 25mm surface course tarmacadam footpath

Gravel

Existing trees

Proposed trees:
T1- Betula pendula 'Dalecarlica'
T2- Malus floribunda
T3- Liquidambar styraciflua 'Worplesdon'
T4- Fagus sylvatica 'Purpurea'

Shrubs		
Berberis x Stenophylla	600-900mm	3L
Berberis Thunbergii	450-600mm	3L
Cornus Alba	600-900mm	3L
Cornus Sanguinea	600-900mm	3L
Mahonia Japonica	450-600mm	3L
Prunus Laurocerasus 'Otto Luyken'	450-600mm	3L
Pyracantha 'Mojave'	600-900mm	3L
Rosa Camina	450-600mm	3L
Rosa Rugosa 'Max Graf'	450-600mm	3L
Cytisus Praecox	450-600mm	3L

Climbers		
Clementis Montana - Rubens		
Lonicera Japonica 'Halliana'		
Parthenocissus Tricuspidata Veitchii		
Ground Cover		
Hypericum Calycinum	150-200mm	2L
Vinca Minor	200-300mm	2L

Density 3 per square metre, unless otherwise stated
Hedgerow : where applicable
600-900mm high -6 plants per metre, alternate planting in 2 rows

Crataegus Monogyna	25%
Prunus spinosa	25%

Remaining 50% of hedgerow to be made up of wild privet (Ligustrum vulgare), holly (Ilex aquifolium) , field maple (Acer campestre) and hazel (Corylus avellana))

Include some native tree and shrub planting within the areas of planting proposed for the new properties. Species which are fairly small and less intrusive can include silver birch Betula pendula, cherry Prunus avium, dogwood Cornus sp and whitebeam Sorbus sp. Other non native species but which are important for wildlife can also be included. Berry and flower producing shrubs such as Californian lilac Ceanothus sp, Firethorn Pyracantha s., Oregon grape Mahonia sp, creeping cotoneaster Cotoneaster frigidis, berberis Berberis sp and Bodnant viburnum Viburnum bodnantense.
Plant some discrete nectar producing areas/hardy borders using native species such as common heather Calluna vulgaris, bell heather Erica cinerea and bilberry Vaccinium myrtillus. These species would not be found in this area so some peat free ericaceous compost would be required to increase the soil acidity. These areas can be located in a sunny location within the front or rear garden.
Include some climbing plants such as honeysuckle or clematis (various varieties are available) within the garden planting.

GENERAL

THESE NOTES APPLY TO ALL PLANTING SHOWN ON THIS DRAWING.

PLANT MATERIAL
All Plants shall conform to relevant British Standards: BS 3936 and 5326.
All plants shall be true to form, type & size. They shall be healthy, vigorous, pest and weed free.
No substitutes in size or species shall be made without the written consent of the landscape architect.

TOPSOIL & SUBSOIL
Where requested a comprehensive analysis of a representative sample of topsoil is to be made and the results made available prior to it's use on site.
Laying general areas
Grass areas - 150mm depth top soil and 300mm ground broken further
Shrubs areas - 50mm mulch over 450mm depth top soil and 300mm ground broken further.
Tree areas - 75mm mulch over 750mm depth top soil and 300mm ground broken further
Subsoil formation levels shall be achieved under the main contract. The subsoil shall be ripped prior to spreading the topsoil layer.

Soiling Works - Subsoil and Topsoil spreading.
After settlement, finished topsoil levels should be 80mm below top of kerb to accommodate bark mulch. Topspoil in grass areas should be spread so as to be 20mm below any adjacent paved areas or kerbs after settlement to allow for turf.
Generally finished soil levels shall be graded out to smooth running levels between all edges and fixed points. Subsoil formation shall be free draining and free from standing water/ waterlogging, prior to spreading topsoil to stated depths.
All debris shall be cleared prior to spreading soils .
Spreading to be carried out in suitable weather, ie not when the ground is waterlogged or frozen or during heavy rain.
Machines with a ground pressure of 0.26kg/ cm shall not be used and any ground consolidated by machine tracks shall be forked over to relieve compaction.

TREE PLANTING
Trees shall be planted into prepared pits located as shown on the drawing - 900 x 900 x 750mm deep or larger to accommodate roots as required.
Break up base to a further depth of 150mm and ensure sides are not glazed. Backfill with a mix of 70 % topsoil and 30% compost . (eg a Tree & Shrub planting product, well rotted farm yard manure or other composted green waste).
Staking: Trees to be double staked with 2nr 1.8m long stakes, treated and driven into the ground to leave 600mm above GL. Fix with 2 nr rubber ties and spacers at 600mm above GL. Trees 12-14cm girth or below to be fixed as above but with 1nr stake.
Ensure trees are planted at their original ground level and water thoroughly to ground capacity after planting. All tree planting to be kept weed free during the maintenance and defects liability period.

SHRUB & HERBACEOUS PLANTING
Shrubs to be planted into prepared pits depth of 450mm located as shown on the drawing and to be backfilled with topsoil mixed with an approved slow release fertiliser such as Enmag general purpose to the manufacturers recommended rates.Break up base to a further depth of 150mm to aid drainage
Pits to be 75mm wider than the root spread and backfill gently, firming in around the roots.
Ensure shrubs are planted at their original ground level and water thoroughly to ground capacity after planting. All shrub areas to be covered with a minimum 50mm well composted bark mulch and to be kept weed free during the maintenance and defects liability period.

Grass Areas
Ground Preparation Subgrade crossripped min.300mm deep at 300mm/cs. Remove stones and debris exceeding 50mm diameter.Cultivate existing topsoil. Additional top soil to be supplied and spread to make up level and to create even falls. Top soil to be cultivated to form a fine tilth prior to the laying of turf.

Turf
Recommendations for Turf for General Purposes'Supply and lay Rolawn Medallion turf or similar approved. Turf should be laid in autumn or early winter when the weather is open.Turf should not be laid in very hot, waterlogged, frosted, cold or drying wind conditions.If summer turfing has to take place the turfs should be saturated on delivery and kept lightly watered during the day until temperatures fall. In the winter turf should be
unrolled and laid out to prevent yellowing if it cannot be laid immediately. Turf to be supplied in rolls, not dried out or yellowed. Turf will be laid on the day of delivery. Turf rolls are to be undamaged without holes or torn or ripped edges. Turf grown on any nylon matting will not be accepted.Turf will be weed free and of a uniform size and thickness. Turf must be laid from suitably sized running boards. Walking over or standing on the turfs will not be allowed until fully established.

Seeded Grass
Fertiliser - Before final cultivation and three to five days before seeding/turfing. British Seed Houses pre seeding granular fertiliser mix no 2: N/P/K - 10/15/10% or similar approved. Coverage: Spread evenly at 70 g/m². After grading and fertilizing.
Seed bed: Reduce to fine, firm tilth with good crumb structure. - Depth: 25 mm. Rake to a true, even surface, friable and lightly firmed but not over compacted. Extend cultivation into any existing adjacent grassed areas sufficient to ensure full marrying in of levels.

MAINTENANCE
All planted areas shall be maintained in a clean and tidy condition with all litter and debris being removed at least once per month.

They shall also be maintained in a weed free state throughout the growing season by chemical or manual means
Maintenance items shall include: Weeding, pruning (as required), firming in after frost/human damage/high winds etc, control of pests and diseases, adjusting/ repairing tree ties as required and litter and debris removal.
All plants must also recieve adequate watering to ensure their health and survival.
A 70mm depth of well composted bark mulch is to be applied to all planted areas prior to handover.

TREE PLANTING MAINTENANCE
Annual maintenance to include 2nr visits to check ties and stakes and adjust where required

© COPYRIGHT. DO NOT SCALE. CHECK DIMENSIONS ON SITE. REPORT ANY ERRORS OR OMISSIONS TO ARCHITECT.

Parry Davies Architects
Chartered Architects.
Studio 55:20, North Wales Business Park, Abergele LL22 8LJ
Tel: 01745 585517 E-mail: PDPArchitects@aol.com

PROJECT TITLE: Land to rear of Sontley Road/ Erddig Road, Wrexham
DRAWG. TITLE: Landscaping Plan
DATE: August 2015
SCALE: 1:200 @A2
DRAWN: KEG
CHK:
DRAWG. NOS.: 13.5436/13
REV: A