6 Viburnum Eve Price (O,3/side)
5 Pyracantha rogersiana (W, North@1M c/s)
20 Vinca Elegantissima (M, North)
16 Lonicera Maigreen (M, South)
12 Hypericum Hidcote (end,North)
12 Mahonia Aqolio (end,South)

5 Rosmarinus officionalis (E)
15 Hebe rackaiensis
4 Spiraea Firelight (O)

12 Lonicera Maigreen
3 Rosemarinus officionalis (E)
12 Senecio greyii

3 Hydrangea Black Stem Zambia (I)
6 Bergenia cordifolia (E,I)
9 Lavandula Hidcote (M)

2 Jasminium officionale (cl)
6 Sarcococca confusa (E, 3/gp)

5 Rosemarinus officionalis (E)
15 Hebe rackaiensis
5 Berberis thun Arelo Nana (I)

7 Lavandula Hidcote (E)
7 Potentilla Elizabeth (I)
7 Ceonothus Repens
3 Choisya Sundance (O)

15 Prunus Otto Luyken (opt I) with
18 Vinca Elegantissima (M)
16 Hypericum Hidcote
12 Mahonia Aqolio

16 Lonicera Baggesons Gold (H)
1 Hydrangea Annabelle (O)
16 Buxus sempervirens (M)
4 Anemone Wild Swan (E)
9 Potentilla Elizabeth
18 Ceonothus repens
15 Choisya ternata (M)

6 Sarcococca confusa (E) (3/gp)
24 Euonymus Emerald & Gold (M)
12 Bergenia cordifolia (E)
2 Pyracantha rogersiana (cl)
6 Skimmia japonica (O,3/gp)

12 Hypericum Hidcote (I)
9 Mahonia Apolo (M)
3 Viburnum Eve Price (O)
7 Cornus alba Sibirica
3 Skimmia japonica
3 Lonicera Winter Beauty (O,end)

12 Choisya ternata
12 Vinca Elegantissima (M)
12 Ceonothus Repens
12 Berberis thun Atro Nana
15 Pyracantha rogersiana (W@1M c/s)
30 Hebe rackaiensis (m)
8 Potentilla Elizabeth (F,I)
9 Rosemarinus officionalis (F,M)
3 Cisyus Silver Pink (E,I)

9 Cornus Midwinter Fire (I)
24 Prunus Otto Luyken (I)
24 Hedera Glacier (M)

EXISTING ROADSIDE HEDGE
VALUABLE SCREEN, RETAIN AND PROTECT.
CLEAN OUT AND RE-INSTATE IN ACCORDANCE WITH ARBORICULTURAL RECOMMENDATIONS
REPLANT GAPS, @ 5/lin.M IN FIRST YEAR TO FACILITATE EARLY ESTABLISHMENT.
120 Corylus avallana (3/station)
50 Crataegus monogyna
25 Acer campestre
25 Cornus sanguinea
15 Ilex aquifolium (3/gp.O)
25 Ligustrum vulgare
AREA BETWEEN EXISTING AND NEW HEDGES PLANTED WITH SCREEN WHIPS @ 1m CENTERS
30 Crataegus monogyna
90 Corylus avallana (3/station)
15 Prunus spinosa
10 Acer campestre
10 Ligustrum vulgare
10 Ilex aquifolium

Native Hedge
25 Acer campestre
25 Crataegus monogyna
10 Corylus avallana
10 Ligustrum vulgare
6 Ilex aquifolium (O,3/gp)
Maintained @ 1.2M max. ht.
45 Hedera helix (M, 3/lin.M)

New Native Hedge outside railings
10 Acer campestre
25 Crataegus monogyna
25 Corylus avallana
25 Cornus sanguineum
10 Ligustrum vulgare
6 Ilex aquifolium (O,3/gp)

GAPS BENEATH EXISTING POPLAR PLANTED WITH SHADE TOLERANT NATIVE SHRUBS
30 Corylus avallana (3/station)
10 Ligustrum vulgare
10 Prunus spinosa

15 Cornus Midwinter Fire
9 Cornus Sibirica
9 Corylus Avellana (I)
30 Symphoricarpos hancock (M)

PROPERTY BOUNDARY
115 Fagus sylvatica
4 Viburnum Eve Price (O)

NATIVE HEDGE INSIDE SWALE
100 Corylus avallana
100 Crataegus monogyna
50 Cornus sanguineum
50 Prunus Spinosa
25 Acer campestre
25 Ligustrum vulgare
25 Ilex aquifolium (O,5/GP)

16 Potentilla Elizabeth (under Bd)
9 Euonymus E&G (path M)
9 Prunus Otto Luyken

36 Escallonia Red Hedger (H)

POS Water associated screen shrubs
15 Salix Cinerea (3/gp)
15 Cornus Winter Fire
15 Cornus Sibirica

3 Spiraea Firelight
15 Hebe Red Edge
5 Rosemarinus officionalis (E)

16 Hypericum Hidcote
12 Prunus Otto Luyken

7 Lavandula Hidcote (M)
7 Vinca Elegantissima (I)
1 Pyracantha rogorsiana (cl)

1 Lonicera Winter Beauty
3 Hydrangea Black Stem Zambia (I)
12 Bergenia cordifolia (M)

Attenuation pond / Swale
Water associated screen shrubs
45 Cornus Midwinter Fire
45 Corylus avallana
15 Salix cinerea
15 Crataegus monogyna

5 Euonymus E-& G (M)
5 Mahonia Apollo (I)
1 Lonicera Winter Beauty

3 Elaeagnus Gilt Edge (O
15 Crataegus monogyna
15 Corylus avallana
15 Acer campestre

Native Screen Shrubs on boundary
10 Corylus avallana
10 Prunus spinosa
10 Cornus sanguinea

4 Ceonothus Repens
4 Potentilla Elizabeth (E)
7 Euonymus gaiety (M)

5 Rosemarinus officionalis (E)
3 Cistus Silver Pink
3 Spiraea Firelight

2 Choisya ternata
2 Pittosporum garnetii (*) in
8 Bergenia Cordifolia (E,4/side)

3 Lonicera periclymerum (cl)
Dense scrub above foul sewer outlet for ecology connectivity.
Planted @ 1M c/s.
Coppice every other year.
10 Rubus fruticosa
10 Buddleia Black Knight
10 Cornus sanguinea
3 Viburnum Eve Price (O,3/grd)
15 Prunus Otto Luyken

21 Escallonia Red Hedger (S)
9 Potentilla Elizabeth (front)
25 Hebe rackaiensis/
10 Rosemarinus officionalis (E, 5/side)
1 Philadelphus Aurieum (O)
Native Hedge
25 Crataegus monogyna
15 Corylus avallana
15 Ligustrum vulgare

EXISTING TPO TREES - OAK
RETAIN AND PROTECT RPA.
STREAM CLEARED OF DEBRIS AND BLOCKAGES AS ECOLOGY RECOMMENDATIONS

EXISTING TREES AND HEDGEBANK (OFF SITE)
RETAINED AND PROTECTED TO UPDATED ARB. ASSESSMENT RECOMMENDATIONS

Existing bay and bamboo retained (OFF SITE)

TPO1
TPO2
T9
G12
G5
T8
G10
G11
T2
G4
T7
G9
T3
G8
T4
T5
T6

170500N
170475N
170450N
170425N

315450E
315475E
315500E
315525E

Existing Beech hedge (new - OFF SITE)
Existing Leylandii hedge (new - OFF SITE)
Existing ditch lined w/ sycamore coppice
Existing Leylandii hedge (new - OFF SITE)

LAP 100 Sqm
LEAP 400 Sqm
POS
ATTENUATION POND - Shelved floor with toe section seasonally wet to maximise ecology value
Proposed Swale
Existing Open Ditch To Be Retained

Easement
Easement

3 Corylus avallana (O) in
9 Lonicera Maigreen

16 Prunus otto Luyken (lip)
24 Lonicera Maigreen (M)
16 Hypericum Hidcote (I)
3 Aucuba japonica (O)

3Euonymus Emerald & Gold
1 Pyracantha rogorsiana (cl))
3 Sarcococca confusa (front)

1 Viburnum juddii (O) in
6 Ceonothus Repens
8 Potentilla Elizabeth
3 Choisya Sundance

3 Choisya ternata
5 Rosemarinus officionalis

9 Ceanothus Repens
8 Potentilla Elizabeth
5 Choisya ternata

5 Potentilla Elizabeth
3 Choisya Sundance

24 Euonymus E & G (M)
2 Hydrangea Annabelle (O)
10 Fuchsia Versicolor (S/side)
6 Sarcococca confusa (E,3/side)

3 Choisya Sundance (O)
2 Pyracantha rogorsiana (cl)
6 Skimmia japonica (3/gp.E)
10 Hydrangea Black Stem Zambia (S/side)
24 Bergenia cordifolia (M)

Embankment on South boundary planted with native whips;
5 Acer campestre
20 Corylus avallana
20 Crataegus monogyna
20 Prunus spinosa
5 Ilex aquifolium
5 Cornus sangunea
5 Salix cinerea

6 Box balls (3/side0
12 Bergenia cordifolia (6/side)
36 Lavandula Hidcote (H,3/lin.M)
24 Prunus Otto Luyken

2 Hebe angustifolia (1/side)
6 Rosemarinus officionalis (3/side)

6 Choisya ternata (3/side)
2 Pittosporum garnetii (1side,E) in
6 Lavandula Hidcote (3/side)

9 Escallonia Red Hedger (H)

1 Viburnum juddii (O)
3 Ceonothus repens
10 Rosemarinus officionalis (E, 5/side)
9 Box balls
20 Buxus sempervirens (M)
6 Potentilla Elizabeth
1 Laurus nobilis (O)

24 Symphoricarpos hancock (M)
15 Elaeagnus ebbingei (I)

2 Pyracantha rogorsiana (cl) in
4 Euonymus E & G (U)
2 Box balls (E) in
10 Bergenia cordifolia (5/side)
7 Osmanthus burkwoodii (H)
3 Choisya Sundance (O)
24 Lavandula Hidcote (M)
30 Hebe Red edge (I)
5 Berberis thun Atro Nana (o, end)

3 Cistus Silver Pink
6 Rosemarinus officionalis (E, 3/side))
3 Sarcococca confusa
2 Pyracantha rogorsiana in
4 Euonymus E & G (U)

2 Lonicera periclymenum (cl)

15 Ceonothus Repens
1 Viburnum juddii in
4 Choisya ternata
5 Ceonothus Repens

5 Berberis thun Atro Nana (O)
2 Pyracantha rogorsiana (cl
10 Rosemarinus officionalis (E)
30 Hebe rackaiensis
7 Ceonothus repens (Side)

15 Elaeagnus ebbingei (I)
13 Symphoricarpos hancock (M@500mm c/s)
3 Elaeagnus Gilt Edge (O)

EXISTING TREES AND HEDGE ON SHORTLANDS WOOD BOUNDARY (OFF SITE) RETAINED AND PROTECTED TREE WORKS FOR SAFETY IN ACCORDANCE WITH UPDATED ARBORICULTURAL METHOD STATEMENT REF. TREESCENE

5 Escallonia Red Hedger
3 Euonymus E & G (M)

Replacement Native Hedge insidepost and rail fence on Shortlands Wood boundary
12 Acer campestre
50 Crataegus monogyna
50 Corylus avallana
50 Cornus sanguineum
25 Ligustrum vulgare
12 Ilex aquifolium (O, 3/g, equally spaced)
25 Prunus spinosa
12 Sambucus nigra
5 Lonicera periclymenum (cl, equally spaced)
Maintained @ 1.2M max. ht.

8 Mahonia Apollo
5 Cornus Midwinter Fire
1 Viburnum Eve Price (O)

Gated Access

SHORTLANDS WOOD

Rev.F. Amendments to Site Layout. Landscape updated to co-ordinate. Drawing cross referenced with dwg No.994/PA/03, Dormouse Mitigation. 8-10-17
Rev E. Minor amendments to Site Layout and planting (unit 39). 25/9/17
Rev D. Revised Site Layout, planting and maintenance program updated in accordance with ecology recommendations. 18/9/17
Rev C. Minor amendments to Site Layout, plot 27 garage relocated outside RPA, bin collection point added. Planting updated. 19-5-17
Rev.B House shade layers omitted. Minor amendments to Site Layout. Planting updated. 5-5-17
Rev.A Tree protection omitted - refer to arboricultural report ref. Treescene. Minor amendments to Site Layout. Planting updated. 30-4-17

All setting out dimensions to be site confirmed prior to works commencing and any discrepancies confirmed to architect. This drawing is to be read in conjunction with all other architectural and structural engineers drawings.

PROPOSED RESIDENTIAL DEVELOPMENT
LAND OFF CARDIFF ROAD, DINAS POWYS for
EDENSTONE LTD

TREE CONSTRAINTS AND LANDSCAPE PROPOSALS
PLANNING SHEET 1 OF 2 1:200 (A0)

M D LANDSCAPE ARCHITECTS
3 HANOVER TERRACE, BATH BA1 6LJ
E-MAIL mdd@mdd-land.co.uk

Date:	Drawn:	Checked:	Drawing No.
3/3/17	MDD		994/PA/01F

LANDSCAPING LEGEND

- EXISTING TREES TO BE RETAINED AND PROTECTED — Refer to updated Tree Report for details ref. Treescene. Protected Area maintained as long grass for wildlife refuge during construction
- EXISTING TREE TO BE REMOVED — Refer to Evolve Tree Consultancy Report for details.
- EXISTING TREE ROOT PROTECTION AREA — Refer to Evolve Tree Consultancy Report for details
- TPO TREE. Refer to Vale of Glamorgan TPO No.5, 2014 for Land at Cross Common Road Dinas Powys
- PROPOSED TREE \ SPECIMEN SHRUB
- SHRUB BED / IMPACT PLANT
- PROPOSED HEDGE
- NATIVE SCREEN WHIPS
- ORNAMENTAL CLIMBER
- TURF - FRONT GARDENS, CLOSE MOWN
- REAR GARDEN - ROTOVATE AND LEVEL
- COMMUNAL AREAS WILDFLOWER GRASS SEED Ref. Emorsgate EL1 Flowering Lawn mix.
- COMMUNAL AREAS WILDFLOWER GRASS SEED Ref. Emorsgate EP1 Pond edge Mix
- GRAVEL. Golden knapped flint

NOTES
Refer to Architects/Engineers drawing for details of levels, buildings, hard surfaces, retaining structures, visibility splay, services and fences.
Building foundations with regard to trees to be in accordance with the NHBC Guidelines Chapter 4.2.
Refer to Arboriculturalist Tree Survey Report, Impact Assessment and Protection Plan (Treescene, J. Wilkes May 17) for details of existing trees to be retained, removed and protection measures.
All tree surgery carried out in accordance with BS3998:2010 Tree Works.
Refer to Ecologist Survey and Recommendations for details of mitigation measures required prior, during and after completion of construction works, bird and bat box type and location and aftercare management of on site vegetation. Ref. Celtic Ecology.
Drawing to be read in conjunction with 994/PA/03 Dormouse Mitigation Plan.

0m 5m 10m 20m

Plowing Field

10.4m

The Beeches

River Cadoxton River

Shortlands