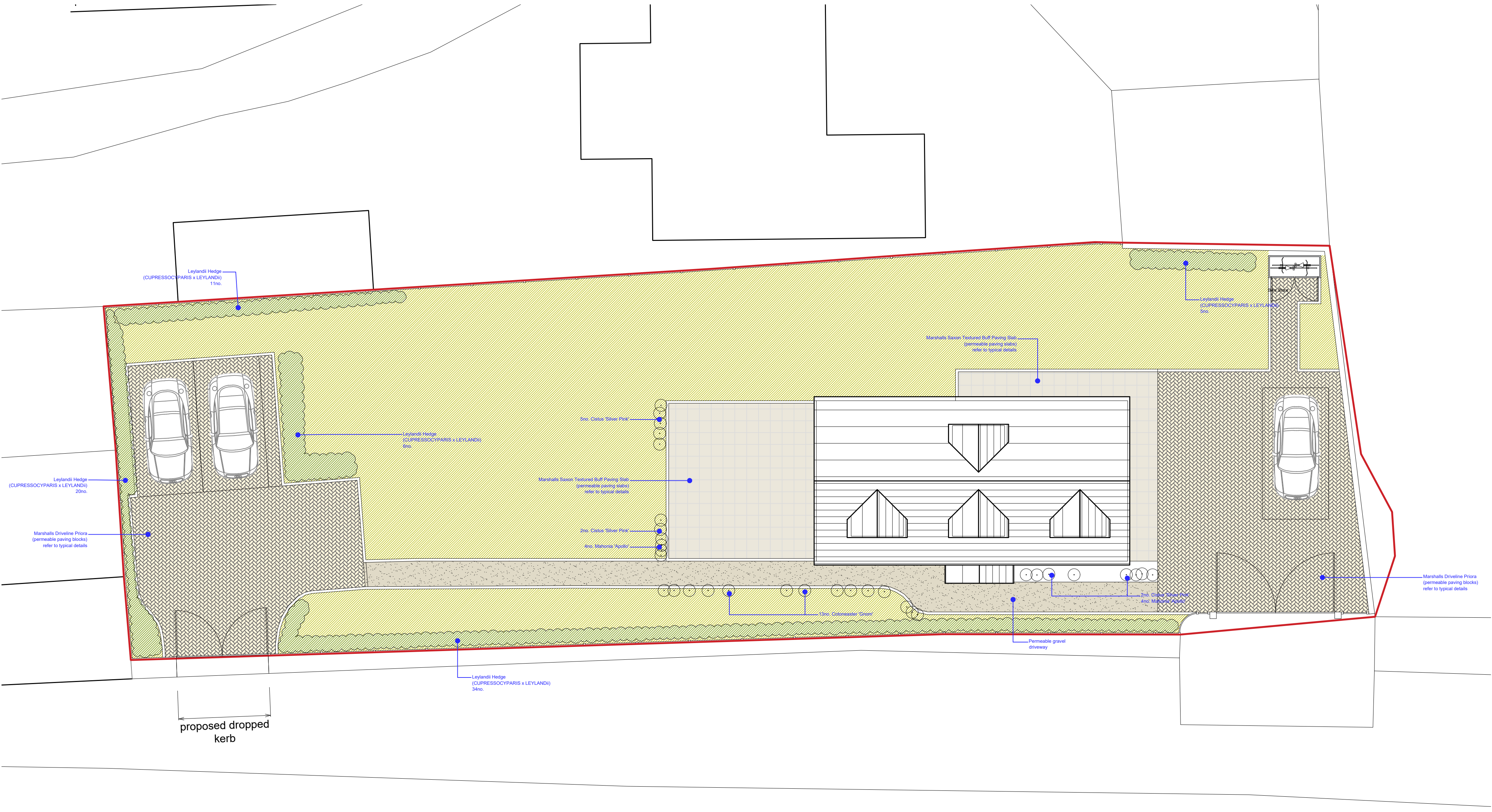
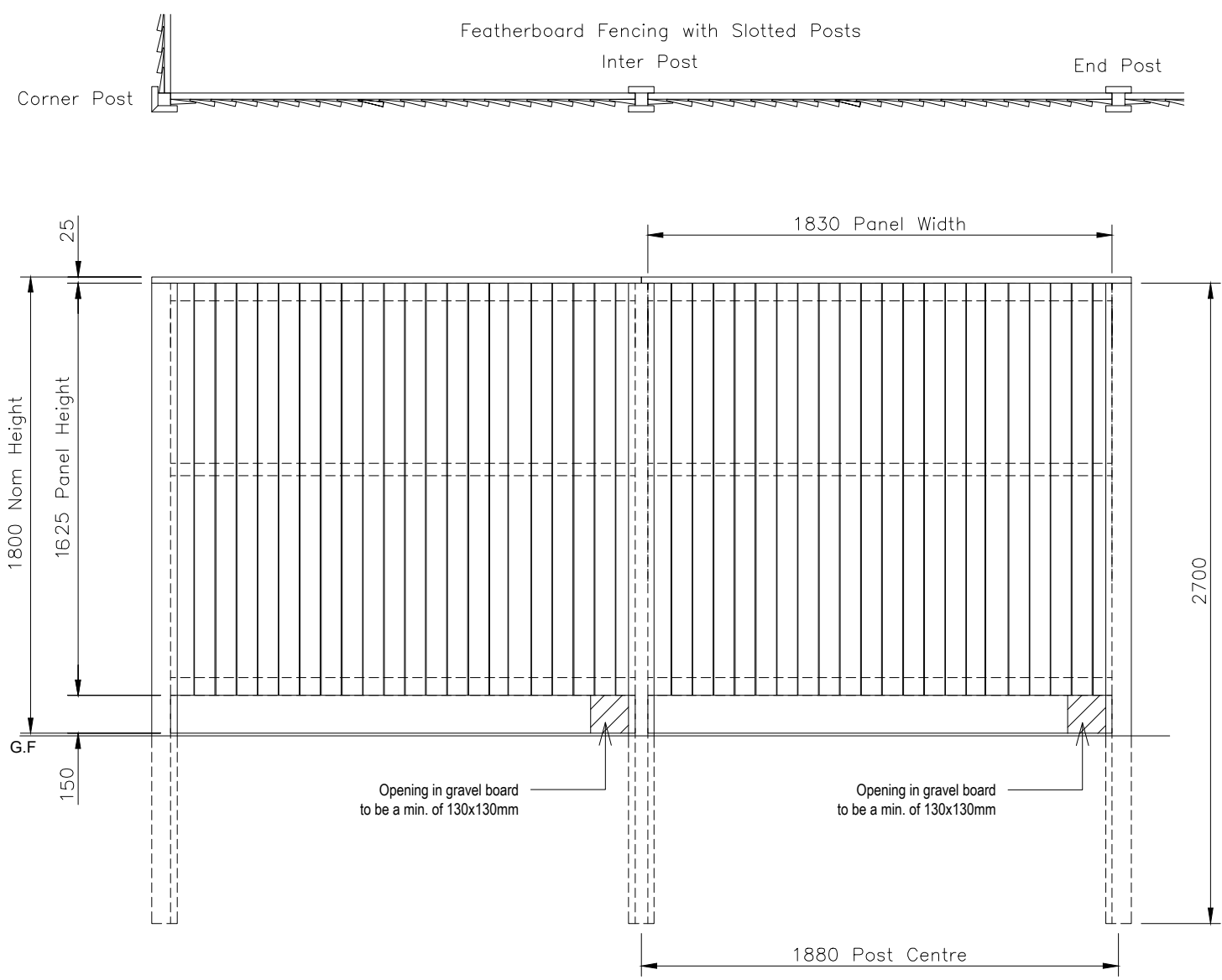




LANDSCAPE PLAN  
1:100



1.8m Featherboard Fencing

SCALE: 1:50@A1



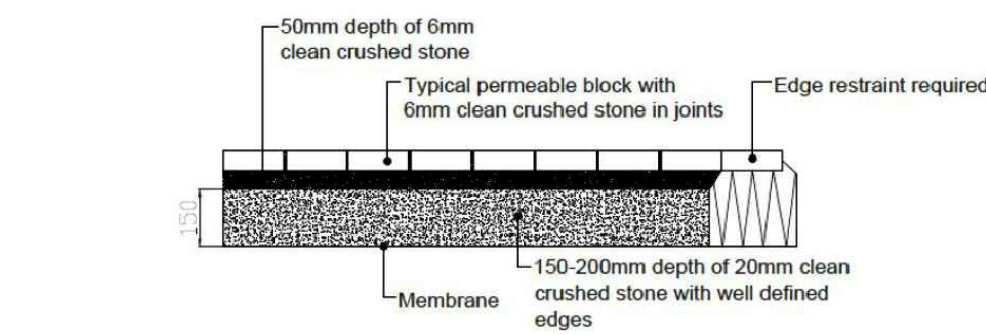
Typical Fence View



Typical hole on the gravel board (base of fence)

TYPICAL FEATHERBOARD FENCING

SCALE: 1:50@A1



\*This cross section is for domestic vehicles only, for heavier loading category please contact Marshalls Technical advisory service  
7  
D02  
Typical section through a driveway constructed in accordance with Marshalls Register Installation Procedures  
Scale 1:20

TYPICAL DETAIL - PERMEABLE PAVING

SCALE: 1:20@A1

notes

At any time, within the rpa's of the trees, no dig construction should take place to avoid damage to the roots. If not possible, further advice from an arboricultural consultant should be considered before proceeding with the works.

Use permeable paving / tarmac to avoid damage to the trees and lower impact on watersurface drainage requirements.

The soil levels to remain the same where possible, the upper layer of topsoil contains the majority of a tree's roots and if this is disturbed by a reduction in ground level, serious damage can be caused. If such soil is to be disturbed within the RPA's, it will be done only with hand tools and the supervising Arborist will be informed if roots are exposed.

External Works

All impermeable hardstanding to be laid with sufficient crossfall to drain into adjacent areas of soft landscaping or surface water gravity drainage.

- Crossfalls to vehicular carriageways to be 1:40 generally falling to soft
- Crossfalls to pedestrian access to be 1:50 generally falling away from structures.

Ground levels adjacent to structures should be at least 150mm below the DPC, and laid to fall away unless a channel or other suitable means of collection and disposal is provided.

Proposed hardstanding build-ups assume a CBR value of 2.5%. Where lower CBR values or localised soft-spots are encountered it will be necessary to undertake formation improvement by removal of soft material, proof rolling, and rolling in capping layer material.

Sub-bases should be mechanically consolidated in layers not exceeding 225mm

Where paving slabs are laid abutting drainage channels and gully grates, etc., the upper surface of the paving slab should be set approximately 5mm above the grating.

| NHBC 10.2 Table 3 - Minimum subgrade thicknesses for vehicular surfaces |                                    |                            |
|-------------------------------------------------------------------------|------------------------------------|----------------------------|
| subgrade CBR                                                            | Minimum thickness of sub-base (mm) |                            |
|                                                                         | without geotextile underneath      | with geotextile underneath |
| < 2%                                                                    | n/a                                | 300                        |
| 2-3%                                                                    | 325                                | 225                        |
| 3-5%                                                                    | 250                                | 150                        |
| 5-7%                                                                    | 150                                | n/a                        |
| 7-20%                                                                   | 100                                | n/a                        |

general landscape notes

**soils for general landscape area**

- All subsoil prior to receiving topsoil shall be free of compaction and shall be free draining.
- Make sure that the sub-soil is not over compacted after completion of the build.
- If this the case the problem should be alleviated with the use of a deep plough or subsoiler, this action should go down to a minimum depth of 800mm to allow drainage.
- All topsoil shall meet as min BS 3882 (2007) multi purpose grade.
- Existing topsoil cultivated in accordance with BS 3882 (2007)
- Grass areas: 150mm soil min, topsoil depths.
- top soil graded to fall.
- No cultivation during wet or water logged conditions.
- Shrub and hedgerow areas: 400mm min, topsoil depth
- Standard tree pits: 900mm x 900mm x 900mm deep, cut square, backfilled with 400mm
- Topsoil, over 500mm well cultivated subsoil, with well broken base to pit.

**general planting**

- All plant materials, landscape materials and operations are to be carried out in accordance with best horticultural practice and in accordance with appropriate british standards & codes of practice.
- All planting material shall comply with the National Plant Spec. & BS 3936 (1992) nursery stock
- All soft landscape works & planting shall comply with BS 4428 (1989) 'Landscape Operations', BS 8545 (2015) 'Trees from nursery to independence in the landscape', and the CPSE Code for handling and establishing plants.
- Provide root barriers & compression board etc where required to protect walls, buildings or other structures from existing or proposed planting measures.
- Hedgerows to be planted in staggered rows.
- Incorporate 100mm of well rotted mushroom compost into tree, hedge & shrub beds prior to planting.
- Finish all planting areas with mulch of 50mm proprietary amenity bark mulch.
- All advanced nursery stock trees are to be double staked.
- All proposed shrub & hedge planted areas, and 1m base of trees in grass areas, are to be kept entirely clear of grass and weeds for the first 3 years from planting.
- The contractor is to confirm the location of all services prior to undertaking landscape works and provide protection to services in accordance with british standards, root barrier (such as greenleaf to be incorporated where trees are less than specified distance away from services, the root barrier depth is to extend to a minimum of 300mm below adjacent services.

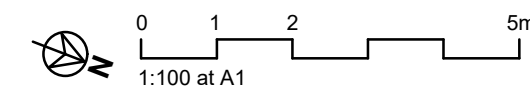
schedule (plants)

| Shrubs & Groundcovers                        | No. | Height (mm) | Spacing               | Pit / Girth | Root | Spec |
|----------------------------------------------|-----|-------------|-----------------------|-------------|------|------|
| Cotoneaster 'Groni'                          | 13  | 40-60       | 400cc                 | 3L          |      |      |
| Mahonia 'Apollis'                            | 8   | 30-40       | 4m <sup>2</sup> 400cc | 3L          |      |      |
| Cistus 'Silver Pink'                         | 9   | 30-40       | 4m <sup>2</sup>       | 3L          |      |      |
| Trees                                        |     |             |                       |             |      |      |
| Hedging                                      |     |             |                       |             |      |      |
| CUPRESSOCYPARIS x LEYLANDI<br>Leylandi Hedge | 76  | 1.2-1.5     | 2-2.5m                | 5L          |      |      |

Status

PLANNING

1. Scale for planning purposes only. Do not scale of this drawing for construction.
2. All ATRIO ARCHITECTURE LTD drawings to be read in conjunction with written specification and all other consultant drawings.
3. All dimensions to be checked on site
4. Any errors or omissions to be reported to ATRIO ARCHITECTURE immediately, prior to work being carried out.
5. This information is copyright protected.



Key

- grass area
- permeable paving (concrete patio slabs)
- permeable gravel driveway
- permeable block concrete paving
- hedging
- shrubs

| No. | Revisions | Date |
|-----|-----------|------|
|-----|-----------|------|



Windsor House  
Henley-on-Thames  
Oxfordshire

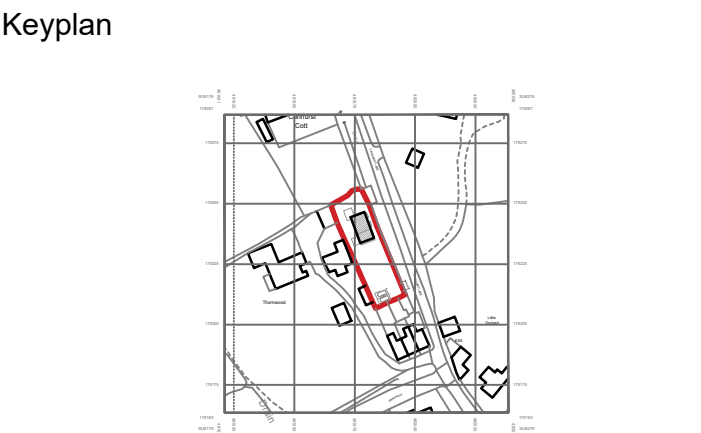
t: 07715317658  
e: info@atrioarch.co.uk  
w: www.atrioarch.co.uk

company no. 16082571

Copyright

This drawing is the property of ATRIO ARCHITECTURE LTD. No disclosure or copy of it may be made without the written permission of ATRIO ARCHITECTURE LTD.

Project **Bowsey Cottage  
Canhurst Lane  
Knowl Hill  
RG10 9XT**



Title

LANDSCAPE PLAN &  
BOUNDARY DETAILS

|       |              |              |       |
|-------|--------------|--------------|-------|
| Job   | Drawing No.  |              | Rev.  |
| 00423 | A-201        |              | -     |
| Drawn | Scales at A1 | Scales at A3 | Date  |
| -     | 1:100        | 1:200        | 01/26 |