

**LANDSCAPE and ARBORICULTURAL METHOD
STATEMENT**

**New dwelling Scout Dike Reservoir
planning ref 2014/0454**

21/11/2016

Arboriculture and Site Preparation Statement

This report to be read in conjunction with RH/Sd/14/15, the ecological report submitted with the planning application and the Mitigation report at appendix 3

1 Proposed Tree Planting

- 1.1 New hedge planting to the north and west boundary as shown on drg rh/sd/14/17
- 1.2 New planting to be 60% hawthorne, 20% holly 10% beech and then a mixture of dog rose and hazel all bare root except the holly which will be in 2 litre pots
- 1.3 Plant in staggered double row 400mm apart min 5 plants/lin m all 1+1 transplants 40 to 60cm high
- 1.4 Planting trench 600mm wide x 450mm deep line with proprietary planting compost 1 part compost to 3 parts soil
- 1.5 Keep weed free for 4 years and lightly prune at 3 and 5 years to encourage dense growth

2 Landscape details

- 2.1 vehicular entrance – the first 8m minimum is existing concrete and this will remain see drg rh/sd/14/19
- 2.2 the remainder of the vehicular access including the vehicular turning head will be set to wildflower meadow mix 80-20 ratio. This will be sown onto hexpath grid system as appendix 4.
- 2.3 The clearing in front of the building as shown on drg rh/sd/14/17 will be set to wildflower mix 70-30.

2.4 Preparation for wildflower sowing

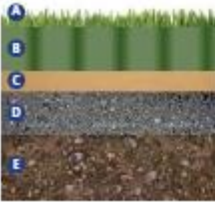
- 2.5 The existing soil to be tested for acidity and nutrient value, meadow mix wild flower grows best in poor quality soil. If the existing soil is nutrient rich as appears by the proliferation of nettle and bramble then 250mm top soil to be removed, the ground then treated with a nettle and bramble killer all to be done in winter. The ground can be left during the building operation phase and subsequent nettle and bramble killer applied if re growth is noticed. Upon completion of building operations the hexpath can be laid and poor quality soil imported as required for wild flower meadow mix .Sowing to be done ideally in Autumn but also acceptable in spring This specification was provided by Bright Seeds, Manor Farm, Burcombe Lane Burcombe, Wiltshire tel 01722 744494. A member of the grow wild campaign uk
- 2.6 Post and wire fence set to the southern boundary as appendix 5 as a requirement of BMBC land sale
- 2.7 Agricultural field gate set at entrance 8m minimum back from the site boundary as shown on drg rh/sd/14/19 and illustrated at appendix 6. Gate to be approx. 1400mm high

HEXAPATH GRASS

SPECIFICATION SHEET

- Product code - C530
- Material - 100% recycled Polypropylene
- Recyclable - Yes
- Segment size - 52.0 x 48.0cm
- Colour - green (clear, brown & black available to order)
- Segment depth - 4.5cm
- Segments per square metre - 4
- Cell size - 4.8cm (nom) Hexagonal
- Wall thickness - 2.6mm
- Cells per square metre - 432
- Weight per segment - 1.5kg
- Load Bearing - 270 T/M²
- Maximum incline - 11°
- UV stabilized - Yes
- Shipping details - 45 sq metres per pallet



Laying guidelines for car parking with light to medium vehicle access – for soil infill and grass seeding

- 1 Excavate or clear the site (E) in preparation for the laying procedure as detailed below
- 2 A 'Do1 type 1' Sub-Base thickness of 150-225mm (D) with an adequate drainage system may be used. For the purpose of these installation notes we have assumed a CBR strength of the sub-grade soil of 2-4. If the strength of the ground is deemed to be lower than this, then the sub-base will need to be increased accordingly. The sub-base should be compacted.
- 3 Bedding layer 75-100mm (C) thick of consolidated 60-40 or 70-30 root zone. The bedding layer should be compacted.
- 4 Hexapath paver (B) filled with 60-40 or 70-30 root zone to within 5-7mm of the surface. Fill the Hexapath to the top level, do not overfill the paver cells. The root zone should be sand/loam soil mix, structurally sound, lump free and free draining. This should be a normal proprietary blend of 60-40 or 70-30 ratio.
- 5 It is recommended when laying Hexapath on a slope that the long edge of the segment (52cm long) is laid horizontally across the slope leaving the short edge (48cm long) to lay down the slope. The maximum recommended gradient for vehicular use is 11° (approx. 1 in 5).
- 6 Seed with Hexapath Start Up Grass Seed Mix or similar (A). There are a number of suppliers of specialist seed mixes who should be able to help you here, a general low maintenance landscape grass seed which will give quick establishment through the growing season and is reasonably drought resistant is a requirement when using this type of grass paver. Grass seed specification is available on request.
- 7 The seeded area can be driven on immediately but it is strongly recommended to keep the area traffic free, vehicular and pedestrian, to allow root establishment. Guidelines from the seed supplier should be followed closely. Watering is essential during the early days/weeks of establishment.
- 8 In exceptionally hot weather plastic pavers will absorb the heat and will make life difficult for any growing media contained within it, watering is therefore recommended in such conditions.
- 9 Where vehicular traffic is to use the paved area it is recommended that the entry point is kerbed to prevent impact damage to the Hexapath edges. This can be achieved by using edging/kerb stones or a proprietary landscape edging product such as Rainbow Rise-I-Edge which is a light, durable yet flexible and strong aluminium edging product suitable for all types of landscape edging work. Further information available at www.rise-edge.com
- 10 Edging would also be necessary around the perimeter of the installation to prevent lateral movements. Provision of approximately 20-40mm between the Hexapath and the edging should be made to allow for movement from expansion.
- 11 Areas to be used for a horse paddock must be covered with a 75-100mm layer of equestrian type material such as mulch/fine sand/hh redded rubber etc.

For more information contact Rainbow Professional Limited.
The above notes are intended as a guide only and professional advice should be obtained before work is commenced. Rainbow Professional Limited accepts no responsibility for any damage or loss as a result of using the information in these guidelines. We will be happy to engage in any discussion regarding the site in question.

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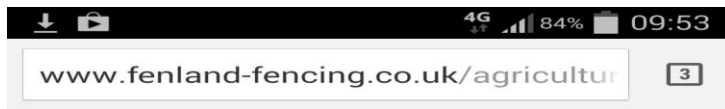
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Appendix 4



Appendix 5



Appendix 6