
















Key:

-  Existing trees
-  Existing parkland grassland
-  Post & wire fence
-  Proposed estate railing
-  Existing bitmac surfaced access driveway and car park
-  Existing light green lines defining parking spaces to be overlaid with grey, small aggregate resin bonded gravel
-  Public Footpath - Great Longstone - FP3
-  Proposed native species tree and shrub planting
- See schedule for species, specifications and quantities.
-  Proposed native woodland understory planting
- See schedule for species, specifications and quantities.
-  Proposed individual trees
- See schedule for species, specifications and quantities.
Existing bitmac surface and sub base to be removed from identified car parking spaces to create soft area to plant new trees and to establish an area of wildflower grass (EM1).
-  Proposed remodelled landform
-  Proposed wildflower grassland
- Landform slopes facing car park area to be seeded with Emorsgate EM1 'Basic General Purpose Meadow Mixture'
-  Proposed parkland grassland
- Landform slopes facing wider parkland to be seeded with Emorsgate Mix EG26 'Standard Old Fashioned Grazing Mixture'
-  Proposed pedestrian access
- Section of existing Public Footpath - Great Longstone FP3 linking the car park area with the entrance to the formal garden area and café at Thornbridge Hall to be upgraded with new surfacing. Surface to comprise 3m wide hoggin surface footpath (as recommended by the Sensory Trust) set between timber boards using a no dig construction to ensure existing root protection area of adjacent trees remain undisturbed. The footpath will have an average gradient of 1 in 12 and a crossfall of 1 in 100 for drainage. Given that 1 in 20 is the maximum gradient permitted under DDA/Sensory Trust guidance, two level resting platforms will be located alongside the pathway. The provision of disabled parking close to the café negates the need for people with disabilities to use this section of footpath, however the resting platforms proposed make the footpath as compliant as possible.
-  Proposed Matlock kissing gates to route of Public Footpath Great Longstone FP3
- Steel, painted black. Gate height: 1.1m, overall width: 2.3m, enclosure depth: 1.25m. Compliant with BS 5709:2018

Planting Schedules:

Individual Tree Planting

| SPECIES | SIZE/ SPEC | Quantity |
|-----------------------|----------------|----------|
| Quercus petraea - Qp | EHS 18-20cm RB | 2 |
| Quercus robur - Qr | EHS 18-20cm RB | 4 |
| Pinus sylvestris - Ps | EHS 18-20cm RB | 3 |
| Sorbus aucuparia - Sa | EHS 18-20cm RB | 1 |

Individual Tree Planting
- Extra heavy standard rootballed 18-20cm trees to be pit planted and secured with a proprietary underground guying system. Area around tree to be seeded with wildflower mix.

Native Species Tree & Shrub Planting (NM1 & NM2)

| SPECIES | SIZE/ SPEC | NM1 | NM2 |
|--------------------------|------------------------|--|--|
| | | Area 913 m ² 1no plants/sq m | Area 495 m ² 1no plants/sq m |
| Betula pendula - 10% | 60 - 90cm br transp | 82 | 45 |
| | 10 - 12cm selected std | 9 | 5 |
| Betula pubescens - 10% | 60 - 90cm br transp | 82 | 45 |
| | 10 - 12cm selected std | 9 | 5 |
| Corylus avellana - 10% | 60 - 90cm br transp | 92 | 50 |
| Crataegus monogyna - 20% | 60 - 90cm br transp | 183 | 99 |
| Ilex aquifolium - 5% | 3 litre container | 46 | 25 |
| | 60 - 90cm br transp | 46 | 25 |
| Malus sylvestris - 5% | 60 - 90cm br transp | 61 | 34 |
| | 10 - 12cm selected std | 7 | 4 |
| Prunus padus - 7.5% | 60 - 90cm br transp | 45 | 25 |
| | 10 - 12cm selected std | 7 | 4 |
| Prunus spinosa - 5% | 60 - 90cm br transp | 62 | 34 |
| | 10 - 12cm selected std | 7 | 4 |
| Quercus petraea - 10% | 60 - 90cm br transp | 82 | 45 |
| | 10 - 12cm selected std | 9 | 5 |
| Quercus robur - 10% | 60 - 90cm br transp | 82 | 45 |
| | 10 - 12cm selected std | 9 | 5 |

Native Tree & Shrub Planting
- Native tree and shrub whip plants to be protected from rabbits using appropriate proprietary flexible rabbit guards. Areas of new planting to be kept free of weeds during establishment using secured mulch matting. Bare root plants to be notch planted to depth of root collar in accordance with BS4428. Container grown plants to be planted to depth of original root collar in accordance with BS4428. All plants planted into mulch mats to be planted with appropriate long release fertiliser pellets (e.g. Osmocote Tel: 01282 873333), applied in accordance with the manufacturer's recommendations and directions.

Tree Stakes for Selected Standard Trees
- Stakes to be 65mm diameter tanalised softwood and pointed at one end. Top of stake to be 600mm above ground level and fixed to tree with 1 No suitable rubber tie and spacer. Stake to be firm in ground, position stake at time of planting.

Native Woodland Understorey Planting (NWU)

| SPECIES | SIZE/ SPEC | NWU Area 656 m ² 1no plants/sq m |
|--------------------------|---------------------|--|
| Corylus avellana - 25% | 60 - 90cm br transp | 164 |
| Crataegus monogyna - 25% | 60 - 90cm br transp | 164 |
| Ilex aquifolium - 25% | 3 litre container | 164 |
| Taxus baccata - 25% | 3 litre container | 164 |

