



TN1 and TN2 Mixed scrub species composition. Total area is 0.22ha.
Mixed scrub planted along the south-eastern boundary of the Proposed Development site will be planted within a 5m x 5m grid. The whips will be spaced 1 - 2 m apart from each stem.

Common name	Scientific name	Size	%	No.
Common hawthorn	<i>Crataegus monogyna</i>	600mm-900mm	30	60
Crab apple	<i>Malus sylvestri</i>	600mm-900mm	5	10
Dog rose	<i>Rosa canina</i>	600mm-900mm	20	40
Field rose	<i>Rosa arvensis</i>	600mm-900mm	10	20
Grey willow	<i>Salix cinerea</i>	2000mm-2500mm	5	10
Guelder rose	<i>Viburnum opulus</i>	2000mm-2500mm	10	20
Alder	<i>Alnus glutinosa</i>	2000mm-2500mm	10	20
Blackthorn	<i>Prunus spinosa</i>	600mm-900mm	10	20
Total			100%	200

TN 3, 17, 16 Other neutral grassland.
Seeding with Emorsgate EM4: Meadow mixture for clay soils sowing rate 4g/m²

TN3	Area is 4800m ² = 7200g seed required
TN17	Area is 1500m ² = 2250g seed required
TN16	Area is 1200m ² = 1800g seed required

TN 4 Modified grassland
Seeding with Emorsgate EG22: Strong lawn meadow mix. Sowing rate 25g/m²

Area is 5100m² = 127500g seed required

TN16 orchard trees (M25 rootstock). The trees will be planted 7m apart in grid formation. The tree types may be changed, subject to stock availability at the time of ordering.

Common name	Size	%	Number
Crab apple	175-200cm	12.5	3
Taunton cross	175-200cm	12.5	3
Hunts Duke of Gloucestershire	175-200cm	12.5	3
Severn bank	175-200cm	12.5	3
Underleaf	175-200cm	12.5	3
Wheeler's russet	175-200cm	12.5	3
Plymouth's cross	175-200cm	12.5	3
Neild's drooper	175-200cm	12.5	4
Total:		100%	25

TN11 Urban trees. Excavations for tree pits will be at least twice the diameter of the root spread and 1.5 times the depth of the roots of the stock to be planted. Once backfilled, each specimen will be fitted with a 600mm biodegradable tree shelter and supported with a 75mm thick softwood pressure impregnated stake. Bark mulch will be spread to a uniform depth of 100mm over a 0.5m radius around each specimen. Trees will be planted with a 2500mm minimum spacing between stems.

Common name	Scientific name	Size	No.
Alder	<i>Alnus glutinosa</i>	600-900mm	1
Crack willow	<i>Salix fragilis</i>	2000-2500mm	1
English oak	<i>Quercus robur</i>	2000-2500mm	2
Total			4

TN15 and TN18: Species poor hedgerow with trees enhancement. Gaps along the hedgerow will be infilled with the below specimens.

Common name	Scientific name	Size	Number
Crab apple	<i>Malus sylvestris</i>	60-80cm	18
Cherry	<i>Prunus avium</i>	60-80cm	23
Goat willow	<i>Salix caprea</i>	60-80cm	16
English oak	<i>Quercus robur</i>	60-80cm	16
Total:			73

TN16 Orchard planting. 0.12ha of orchard planting is proposed. The trees will be planted 7m apart.

Common name	Scientific name	Size	%	Number
Crab apple	<i>Malus sylvestris</i>	175-200cm	100	25

- Offsite habitats
- Onsite habitats
- Footpath
- Ditch enhancement
- Line of trees
- Bird box
- Bat box
- Fencing
- Existing hedgerow enhancement
- Species rich hedgerow with trees created
- Ditch creation
- Orchard planting creation
- Reedbed creation
- Enhanced scrub
- Enhanced reedbed
- Mixed scrub creation
- Infrastructure/sterile land
- Existing grassland to be maintained
- Woodland/Rhine management
- Other neutral grassland creation

**Bristol's Water Recycling Centre
Proposed Extension
Landscape General Arrangements
Plan [A3]**

Grid Reference: ST533791	Date: 16/04/2024
Drawing Number D14162/ENV/420/REV A	Scale 1:2,500

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