

Schedule

Trees

Number	Species	Height	Girth	Specification
3	Acer campestre	200-250cm	6-8cm	B :2x :Light Standard :Clear Stem 150-175 :3 brks
2	Crataegus laevigata	200-250cm	6-8cm	B :2x :Light Standard :Clear Stem 150-175 :3 brks
3	Fagus sylvatica	200-250cm	6-8cm	B :2x :Light Standard :Clear Stem 150-175 :3 brks
3	Prunus spinosa	200-250cm	6-8cm	B :2x :Light Standard :Clear Stem 150-175 :3 brks
3	Quercus palustris	200-250cm	6-8cm	B :2x :Light Standard :Clear Stem 150-175 :3 brks
Total :14				

Native Hedge Mix

Number	Species	Specification	Density	Percentage Contribution
159	Acer campestre	1+1 :BR	0.25Ctr Double Staggered at 0.3m offset	20%
397	Crataegus monogyna	1+1 :BR	0.25Ctr Double Staggered at 0.3m offset	50%
80	Ilex aquifolium	C	0.25Ctr Double Staggered at 0.3m offset	10%
40	Ligustrum vulgare	1+1 :BR	0.25Ctr Double Staggered at 0.3m offset	5%
40	Rosa canina	1+1 :BR	0.25Ctr Double Staggered at 0.3m offset	5%
40	Sorbus aucuparia	1+1 :BR	0.25Ctr Double Staggered at 0.3m offset	5%
40	Viburnum opulus	1+1 :BR	0.25Ctr Double Staggered at 0.3m offset	5%
Total :796				

Scrub Mix

Number	Species	Specification	Density	Percentage Contribution
23	Clematis vitalba	Caned: Several Shoots: 2 brks: C	0.4/m ²	10%
18	Crataegus monogyna	1+1: Transplant - seed raised: B	0.4/m ²	8%
18	Hedera helix	Several Shoots: 3 brks: C	0.4/m ²	8%
27	Ligustrum vulgare	Branched: 3 brks: C	0.4/m ²	12%
18	Malus sylvestris	1+2: Transplant - seed raised: C	0.4/m ²	8%
41	Rosa canina	Branched: 3 brks: C	0.4/m ²	18%
26	Rubus fruticosus	Branched: 3 brks: C	0.4/m ²	11%
27	Salix fragilis	Cutting: Branched: 3 brks: C	0.4/m ²	12%
30	Urtica dioica	Seed to be collected from CWS refer to LEMP	0.4/m ²	13%
Total :228				

NOTES:

- Do not scale from drawing

Key

- Red Line Boundary
- Existing Vegetation to be retained
- Existing Vegetation to be removed
- Proposed Scrub Planting
- Proposed Trees
- Proposed Hedgerow
- Power Line 12m Easement Area

10.10.23	for planning	IDG	BP	BP
12.09.23	for planning	IDG	BP	BP
Date	Description	Drawn	Check	Approv

Client

St Nicholas WwTW

PROJECT:

St Nicholas WwTW

Site Client



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TITLE:

Landscape General Arrangement Plan

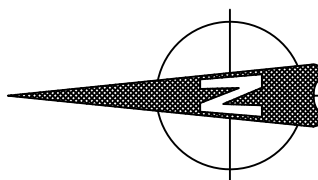
Designed	IDG	Signed	Date	12.09.23
Drawn	IDG	Signed	Date	12.09.23
Checked	BP	Signed	Date	12.09.23
Approved	BP	Signed	Date	12.09.23
Scale:	1:250	Datum:		
Original Size:	A1	Grid:		
Suitability Code		Project Number	10048098	

Suitability Description:

For Planning

Drawing Number:
B10181-0AG964-ZZ-ZZ-DR-CA-D10239

Revision:
P03



Specification Notes

Clearance

- All site clearance works should be undertaken in accordance with the Ecological report for the site and its recommendations
- Site clearance works should be carried out outside of the hibernation period (early November to late February)

Ground Preparation

- All grass and other herbaceous vegetation shall be cut to a height of between 50 mm and 75mm and the arisings, litter and building debris and stone over 75mm in diameter likely to adversely effect planting and seeding operations is to be removed and disposed of off Site
- All areas to receive planting should be sprayed off with non-selective herbicide at least 3 weeks prior to planting taking place
- Ground to receive planting / seeding should be graded with all stones larger than 50mm removed.

Topsoil

- Topsoil for general shrub planted areas
Standard: To BS 3882
Classification: Multi purpose topsoil with a pH between 7.5-8.6
Source: Naturally occurring from site, manufactured topsoil will not be accepted
Submit: Declaration of analysis in accordance with BS 3882, Annex E.
Depth: 300mm graded at edges of planting plots to tie in with adjacent areas with a smooth transition

Tree Works

- All tree works should be carried out in accordance with the Phase II Arboricultural Impact Assessment report and the recommendations within
- All works to and surrounding existing trees to be carried out in accordance with BS 5837:2012
- Trees to be removed should be agreed on site with local authority tree officer and clearly marked prior to works commencing
- Trees to be removed with ivy cover should be assessed by a licensed bat ecologist with the use of climbing equipment to further investigate ivy cover.
- Spreading of chipping's only to be carried out in agreement with Ecological consultant

Tree Planting

- All species to be as per the schedule provided
- All trees to be planted within planting season (generally early October to mid March)
- All trees to be rootballed and planted at same level as in nursery
- Tree pits to be min 200mm larger that the rootball and back filled with as dug material mixed with compost mixture.
- For standard trees secure with double softwood stakes:
 - 75mm Half round cross member attached to each stake with 1 no. galvanised coach bolt and washers, with hessian tree tie
 - 75mm Stake notched to take cross member
 - 75mm depth coarse bark mulch

Planting

- All planting works to be carried out in accordance with BS 4043, BS 4428 and BS 5837
- All planting works to be carried out within planting season (generally early October to mid March)
- All plants provided are to be as per the schedule provided. If any of the listed species are unavailable suitable alternatives should be proposed and agreed prior to ordering
- All plants are to be transported in wrapped crates. Welsh Water / Contract Agent should be given minimum 5 days notice prior to delivery of plants to site
- All planting is to be maintained including watering prior to practical completion
- All labels, canes and ties shall be removed following planting
- All waste materials arising from planting, including containers, wrappings, paddings fastenings and bags shall be collected immediately by the Contractor and removed off Site prior to completion
- Bare root plants: to be notch planted with 1 nr mycorrhizal tablet
- Hedgerows to be planted in accordance with BS 3936
- Hedgerows to be planted in double staggered rows, 30cm offset, 0.25m centres
- Species to be planted in groups of 3, 5 or 7

Watering

- Supply a minimum of 4.5 litres of water per whip immediately following planting

Tubes, Guards & Ties

- Biodegradable spiral guards with supporting stake, to be used on all plants where appropriate