

Key, Scale: 1:500@A1

Area of Soil Volume.
provision based on min root depth of 0.6m.
Root zone area and volume requirements
calculation based on GreenBlue Urban Tree
species Soil volume guide and RHS mature
canopy size information

Proposed line of root barrier to min 600mm
depth. ReRoot600 (or similar) installed to back
of kerbs and walling.

Approximate mature spread of canopy.

AC	Acer campestre Canopy spread: 8m Target Soil Volume: 21m³ Target area: 35m²
ACS	Acer campestre 'Streetwise' Canopy spread: 3m Target Soil Volume: 4.5m³ Target area: 7.5m²
AG	Alnus glutinosa Canopy spread: 8m Target Soil Volume: 17m³ Target area: 28m²
APCS	Acer platanoides 'Crimson King' Canopy spread: 12m Target Soil Volume: 21m³ Target area: 35m²
AL	Amenlancher 'Aramaki' Canopy spread: 5m Target Soil Volume: 10m³ Target area: 17m²
BUJ	Betula utilis 'Jacquandii' Canopy spread: 8m Target Soil Volume: 14m³ Target area: 23m²
BPF	Betula pendula 'Fastigiata' Canopy spread: 3m Target Soil Volume: 4.5m³ Target area: 7.5m²
CM	Crataegus monogyna Canopy spread: 6m Target Soil Volume: 8m³ Target area: 13m²
GB	Ginkgo biloba Canopy spread: 8m Target Soil Volume: 14m³ Target area: 23m²
IA	Ilex aquifolium Canopy spread: 5m Target Soil Volume: 16m³ Target area: 26m²
PS	Pinus Sylvestris Canopy spread: 8m Target Soil Volume: 14m³ Target area: 23m²
PLH	Platanus x hispanica Canopy spread: 10m Target Soil Volume: 21m³ Target area: 35m²
QR	Quercus robur Canopy spread: 14m Target Soil Volume: 35m³ Target area: 58m²
SSC	Salix x sepulcralis 'Chrysocoma' Canopy spread: 12m Target Soil Volume: 25m³ Target area: 42m²
SA	Sorbus aucuparia Canopy spread: 7m Target Soil Volume: 17m³ Target area: 28m²
SAF	Sorbus aucuparia 'Fastigiata' Canopy spread: 4m Target Soil Volume: 8m³ Target area: 13m²
UNH	Ulmus 'New Horizon' Canopy spread: 10m Target Soil Volume: 25m³ Target area: 42m²



Proposed Tree Planting plan at 25years mature canopy, Scale: 1:500@A1

TREE SCHEDULE

NOTE: TREE SPREADs (DIA) TAKEN FROM GREENBLUE URBAN 'Soil Volume Guide' - and ROYAL HORTICULTURAL SOCIETY WEBSITE
NOTE: SOIL VOLUME CALCULATED USING GREENBLUE URBAN 'Soil Volume Guide' - <https://greenblue.com/gb/resource-centre/tree-species-soil-volume-guide/>

TREES

QTY	CODE	PLANT NAME	STOCK	FORM	GIRTH/HEIGHT
3No.	AC	Acer campestre	RB	STD	16-18cm
10No.	ACS	Acer campestre 'Streetwise'	RB	STD	14-16cm
3No.	APCS	Acer platanoides 'Crimson King'	B	STD	14-16cm
10No.	AG	Alnus glutinosa	RB	STD	14-16cm
15No.	BPF	Betula pendula 'Fastigiata'	RB	STD	12-14cm
9No.	PS	Pinus sylvestris	RB	CON	8-10cm
3No.	AG	Quercus robur	RB	STD	14-16cm
3No.	SSC	Salix x sepulcralis 'Chrysocoma'	B	FTH	14-16cm
6No.	SA	Sorbus aucuparia	RB	STD	14-16cm
4No.	UNH	Ulmus 'New Horizon'	B	STD	10-12cm
2No.	SAF	Sorbus aucuparia 'Fastigiata'	RB	STD	12-14cm

NOTES AND ABBREVIATIONS:

B = Bare root (bagged).
C = Container (or pot) grown, followed by size of the container (or pot).
FORM = Shape of tree as supplied by the nursery.
Fth = Feather.
QTY = Quantity
RB = Rootballed (balled and wrapped).
Std = (clear stem) Standard.
STOCK = Root condition/protection method eg Bare root.



Typical Tree Planting Detail, Scale: 1:20@A1



NOTES

- Do not scale for construction purposes
- All dimensions are in meters unless stated otherwise
- This drawing is to be read in conjunction with all relevant drawings and documents associated with this project.
- All surveyed information including levels and layout is provided by others
- All existing and proposed dimensions, levels and locations to be checked and verified by the main contractor on site prior to the commencement of the works and any anomalies reported to the engineer.

PL03	17/01/24	Discharge condition	GB	VM	GB
PL02	23/12/22	Update to officer comments	GB	JH	GB
PL01	29/11/22	For Planning	GB	JH	GB
Rev	Date	Description	DRA	CHK	APP

Project
Milltown Glossop

Client
Watsons Construction

Drawing Title
Proposed Tree planting Strategy

Status	Date	Scale
For planning	29/11/22	As Shown @ A1

Drawn	Designed	Checked	Approved
GB	GB	VM	GB

DWG No.	Revision
1828-002-ENZ-XX-00-DR-L-45-102	PL03

enzygo
environmental consultants

BRISTOL 01454 269 237
www.enzygo.com
MANCHESTER 0161 413 6444
SHEFFIELD 0114 321 5151
hello@enzygo.com