

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

Amelanchier lamarkii
Canopy spread: 5m
Target Soil Volume: 10m³
Target area: 17m²
- BUJ

Betula utilis 'Jaquemontii'
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: 5m
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: 8m
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

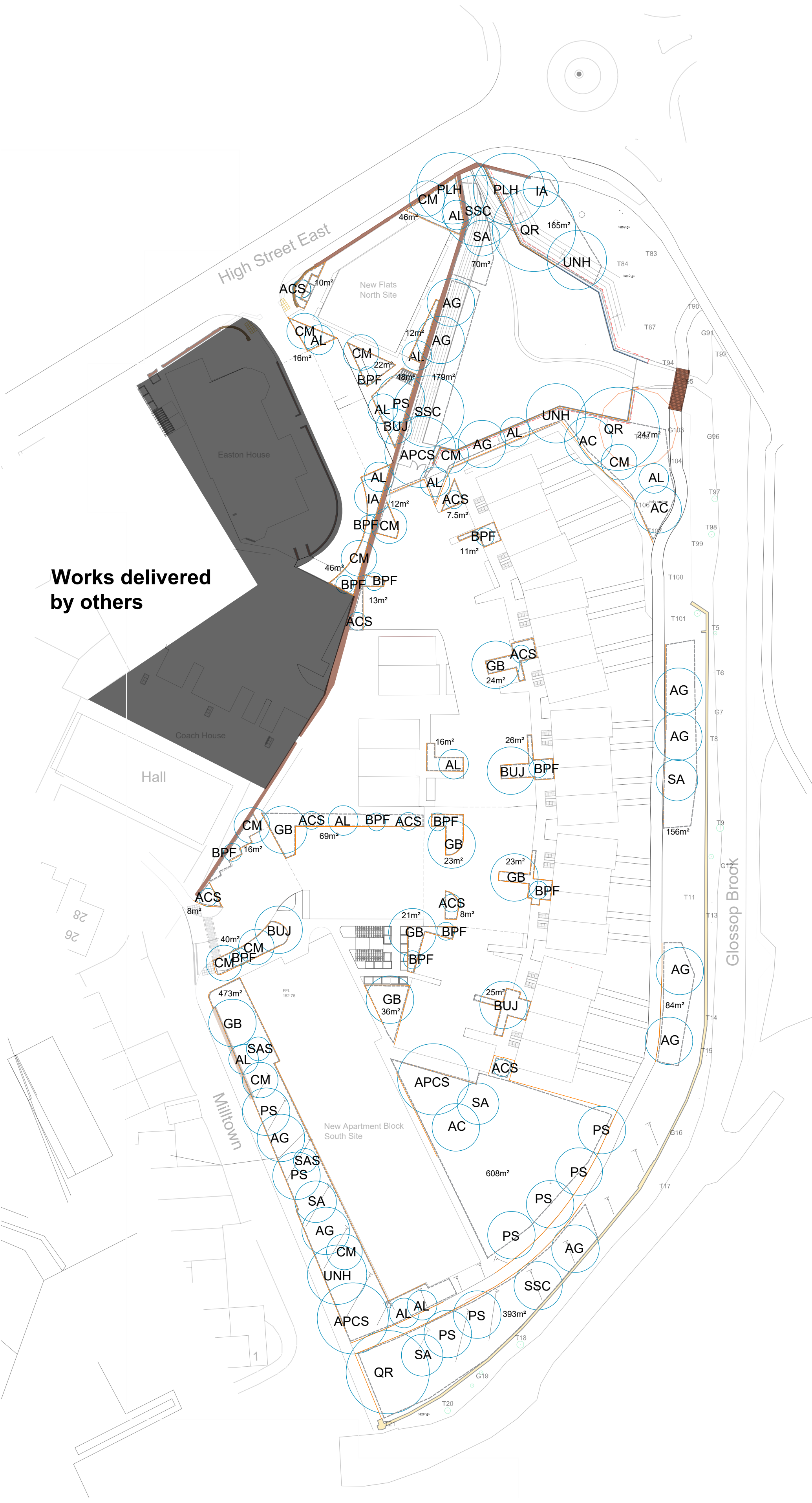
Quercus robur
Canopy spread: 14m
Target Soil Volume: 35m³
Target area: 58m²
- SSC

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
- SAS

Sorbus aucuparia 'Streetwise'
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/>

QTY	UNIT	CODE	PLANT NAME	STOCK	FORM	GIRTH/HEIGHT
Trees						
9	No.	AC	Acer campestre	RB	STD	16-18cm
3	No.	ACS	Acer campestre 'Streetwise'	RB	STD	14-16cm
3	No.	APCS	Acer platanoides 'Crimson King'	B	STD	14-16cm
11	No.	AG	Alnus glutinosa	RB	STD	14-16cm
12	No.	AL	Amelanchier lamarkii 'Robin Hill'	RB	STD	14-16cm
13	No.	BUJ	Betula utilis 'Jaquemontii'	RB	STD	10-12cm
4	No.	BPF	Betula pendula 'Fastigiata'	RB	STD	12-14cm
12	No.	CM	Crataegus monogyna	B	STD	8-10cm
7	No.	GB	Ginkgo biloba	RB	EHS	14-16cm
2	No.	IA	Ilex aquifolium	C 45L	FTH	150-180cm
9	No.	PS	Pinus sylvestris	RB	CON	8-10cm
2	No.	PLH	Platanus x hispanica	RB	STD	14-16cm
3	No.	QR	Quercus robur	RB	STD	12-14cm
3	No.	SSC	Salix x sepulcralis 'Chrysocoma'	RB	STD	14-16cm
2	No.	SAS	Sorbus aucuparia 'Streetwise'	B	STD	10-12cm
5	No.	SAS	Sorbus aucuparia	RB	STD	14-16cm
3	No.	UNH	Ulmus 'New Horizon'	B	STD	10-12cm

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.



Tree Pit Type A - EHS trees
(Spec Ref. Q31.various clauses)

EHS Tree (rootballed) planted with rootflare
25-50mm above adjacent ground level.
2 nr. timber stakes dia 75mm driven at least
300mm into base of pit positioned outside
rootball.

Tree secured with 2 nr. biodegradable natural
fibre ties.

Mulch layer 50mm depth domed to centre of
pit.

Irrigation/aeration system perforated plastic
pipe with T piece and riser to extend 50mm
above top of mulch layer, loop to be set at
base of rootball.

Backfill to be topsoil to depth of 300mm laid
on subsoil 300mm depth lightly compacted to
maintain aerated soil structure.

Vertical root barrier (Re root 600 or similar)
where required to protect edges and services
Drainage layer 200mm depth.

Base of pit to be domed to centre and base
broken up to depth of 200mm.

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



- NOTES
- This drawing is for general presentation 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.

PL06/15/04/24	Updated title sheet	LW	GB	GB
PL05/18/03/24	Updated layout	GB	VM	GB
PL04/23/01/24	Updated tree list	GB	VM	GB
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 Ltd

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
MAN.1828.002.ENZ.XX.XX.DR.L.45.104	PL06