

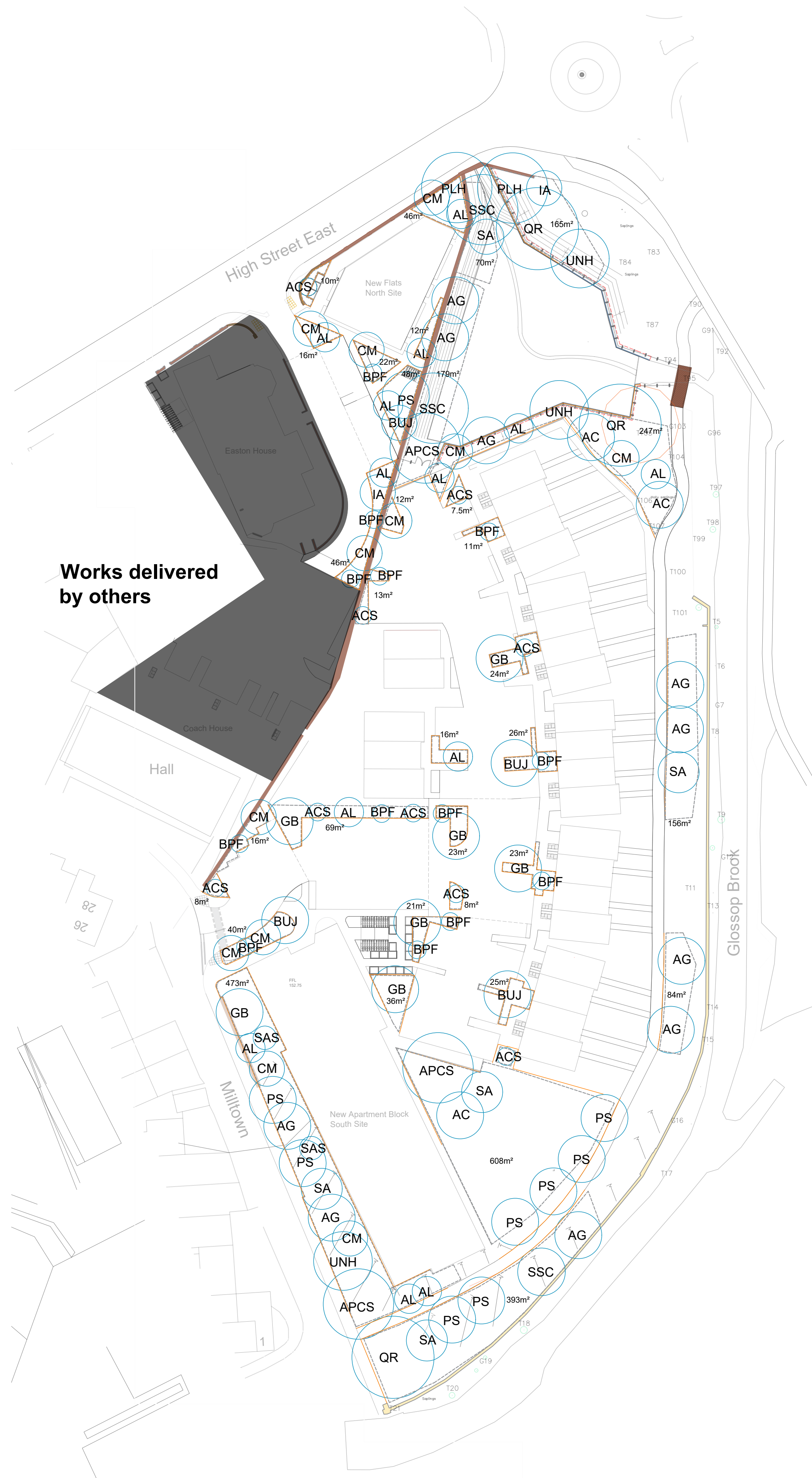
Key, Scale: 1:500@A1

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	<i>Acer campestre</i> Canopy spread: 3m Target Soil Volume: 21m ³ Target area: 35m ²
ACS	<i>Acer campestre</i> 'Steechase' Canopy spread: 3m Target Soil Volume: 4.5m ³ Target area: 7.5m ²
AG	<i>Alnus glutinosa</i> Canopy spread: 8m Target Soil Volume: 17m ³ Target area: 28m ²
APCS	<i>Acer platanoides</i> 'Crimson King' Canopy spread: 12m Target Soil Volume: 21m ³ Target area: 35m ²
AL	<i>Amelanchier lamarcki</i> Canopy spread: 8m Target Soil Volume: 10m ³ Target area: 17m ²
BUJ	<i>Betula utilis</i> 'Jacquandii' Canopy spread: 8m Target Soil Volume: 14m ³ Target area: 23m ²
BPF	<i>Betula pendula</i> 'Fastigiata' Canopy spread: 3m Target Soil Volume: 4.5m ³ Target area: 7.5m ²
CM	<i>Crataegus monogyna</i> Canopy spread: 8m Target Soil Volume: 8m ³ Target area: 13m ²
GB	<i>Gingko biloba</i> Canopy spread: 8m Target Soil Volume: 14m ³ Target area: 23m ²
IA	<i>Ilex aquifolium</i> Canopy spread: 6m Target Soil Volume: 16m ³ Target area: 26m ²
PS	<i>Pinus sylvestris</i> Canopy spread: 8m Target Soil Volume: 14m ³ Target area: 23m ²
PLH	<i>Platanus x hispanica</i> Canopy spread: 10m Target Soil Volume: 21m ³ Target area: 35m ²
QR	<i>Quercus robur</i> Canopy spread: 14m Target Soil Volume: 35m ³ Target area: 58m ²
SSC	<i>Salix x repens</i> 'Chrysoomex' Canopy spread: 8m Target Soil Volume: 25m ³ Target area: 42m ²
SA	<i>Sorbus aucuparia</i> Canopy spread: 7m Target Soil Volume: 17m ³ Target area: 28m ²
SAS	<i>Sorbus aucuparia</i> 'Steechase' Canopy spread: 4m Target Soil Volume: 8m ³ Target area: 13m ²
UNH	<i>Ulmus 'New Horizon'</i> Canopy spread: 10m Target Soil Volume: 25m ³ Target area: 42m ²



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

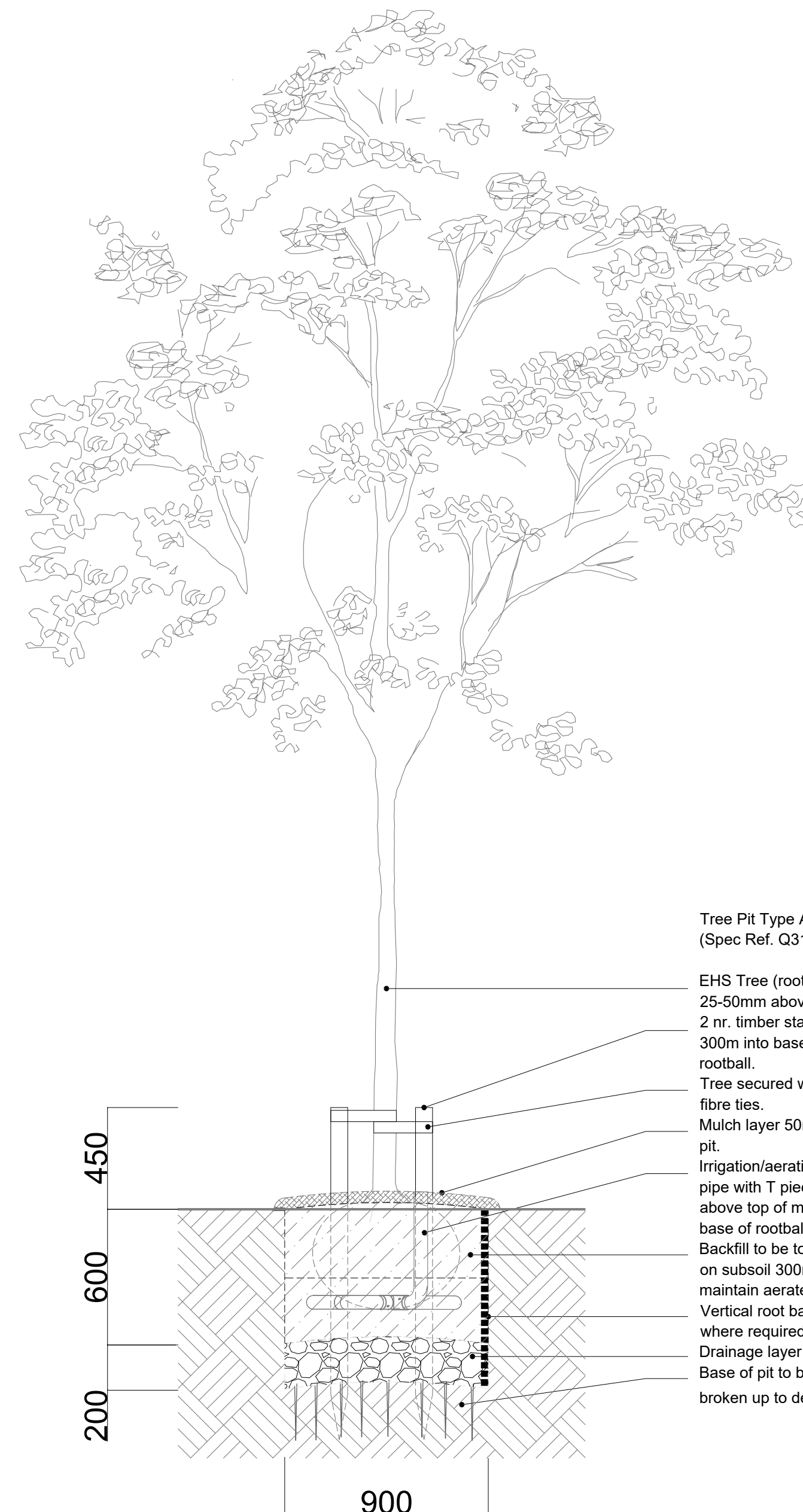
TREE SCHEDULE

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 lamarckii "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.



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.

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	DRB	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.L45.104			PL05

