

Base of Tree to be Kept Weed Free During Maintenance Period to

inorganic clean stone tapered to 25mm within 20cm of stem.

Mulched circle to be 1.2m radius. Where this is not practicable, circle

No container/root-balled tree shall be supplied and planted until it has

Imported GreenBlue Urban ArborSoil Hydro (ARBORSOILHYDROA) or similar approved

Imported GreenBlue Urban ArborSoil Hydro (ARBORSOILSUBA) or similar approved

Mulch circles around trees shall be maintained for at least 3 years post-planting.

Areas around proposed trees to be securely fenced prior to commencement of construction operations on site to avoid compaction /

Non-biodegradable & biodegradable root-ball wrappings to be removed. Where root-ball collapse is a concern, Wrapping to be cut &

Rain garden drainage proposals at bottom of pit (perforated pipe etc.) subject to change as a consequence of SAB application process

peeled back to one-third root-ball height. Peeled wrapping to be removed and not folded back into the root-ball.

been found to be compliant with BS 8545:2014, Table 1, P.21

Arborsoil Hydro to fill the extent of the landscape bed

Backfilling to reinstate the pre-existing soil profile

TOPSOIL:

SUBSOIL:

contamination of soils.

SAllow for Establishment. Tree pit to be mulched with 50-75mm of

to be extended in whatever direction is available to maximise its

Topsoil 300mm

Subsoil 600mm

Geotextile membrane

SASLCB Arborguy strapped anchor

system c/w ground anchors

GreenBlue Urban RRCIVIC1A

100mm grit sand

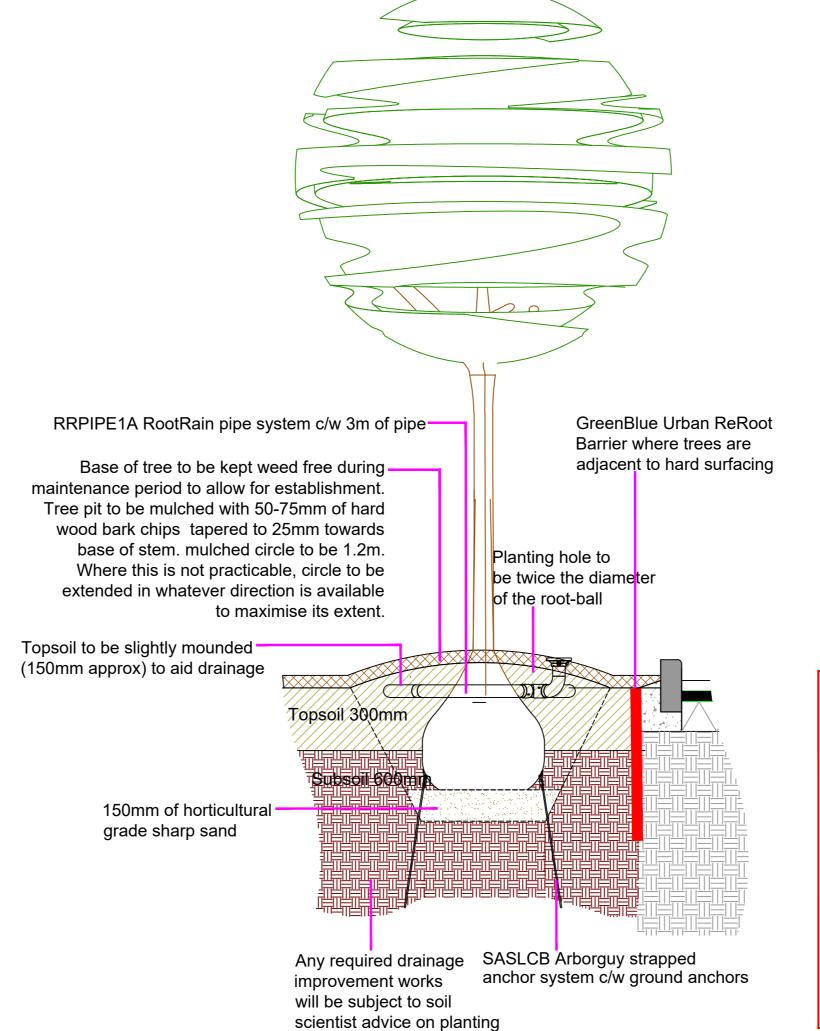
filter medium

RootRain Civic single inlet

additional drainage details

Drainage pipes within rain gardens to be protected by a geotextile wrap

to be confirmed by project engineer.



NOTES: No container/root-balled tree shall be supplied and planted until it has been found to be compliant with BS 8545:2014, Table 1, P.21 TOPSOIL: 300mm imported topsoil. Approved for use by a suitably qualified soil scientist in receipt of the landscape proposals drawing

SUBSOIL:

Mulch circles around trees shall be maintained for at least 3 years post-planting.

600mm imported subsoil. Approved for use by a suitably qualified soil scientist in receipt of the landscape proposals drawing Backfilling to reinstate the pre-existing soil profile Areas around proposed trees to be securely fenced prior to commencement of construction operations on site to avoid compaction /

Non-biodegradable & biodegradable root-ball wrappings to be removed. Where root-ball collapse is a concern, Wrapping to be cut & peeled back to one-third root-ball height. Peeled wrapping to be removed and not folded back into the root-ball.

## SOFT LANDSCAPE KEY

EXISTING TREES TO BE RETAINED



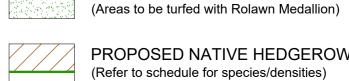
PROPOSED STREET TREE PLANTING (Refer to schedule for species)



PROPOSED NATIVE TREE PLANTING (Refer to schedule for species)



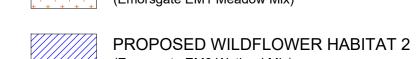
(Refer to schedule for species/densities) PROPOSED GRASS TURF



PROPOSED NATIVE HEDGEROW PLANTING



PROPOSED ORNAMENTAL HEDGEROW PLANTING (Refer to schedule for species/densities)



(Emorsgate EM1 Meadow Mix)

PROPOSED WILDFLOWER HABITAT 1



(Emorsgate EM8 Wetland Mix) EXISTING LANDSCAPE WITHIN EASEMENT RETAINED



PROPOSED NATIVE UNDERSTOREY
(Refer to plant schedule for species / densities)

## **PLANT SCHEDULE**

ABBRV	SPECIES		DENSITY	HEIGHT/GIRTH	ROOT COND	POT SIZE	TO
Al	Anemanthele lessoniana		4 sqm	30 - 40 (h)	CON	2-3L	-
Bt	Berberis thunbergii Orange Rocke	t	4 sqm	30 - 40 (h)	CON	2-3L	
CtA	Choisya ternata Apple Blossom		4 sqm	30 - 40 (h)	CON	2-3L	
Ej	Euonymus japonicus 'Green Rocke	et'	4 sqm	40 - 60 (h)	CON	2-3L	
HAG	Hebe 'Autumn Glory'		4 sqm	40 - 60 (h)	CON	2-3L	
LaH	Lavandula angustifolia 'Hidcote'		5 sqm	40 - 60 (h)	CON	2-3L	-
Me	Mahonia eurybracteata 'Soft Cares	ss'	3 sqm	40 - 60 (h)	CON	2-3L	
Ro	Rosmarinus officinalis		3 sqm	30 - 40 (h)	CON	2-3L	-
Sc	Sarcococca hookeriana var. digyn	а	4 sqm	30 - 40 (h)	CON	2-3L	-
Sj	Skimmia japonica 'Rubella'		3 sqm	30 - 40 (h)	CON	2-3L	
NATIV	E TREE PLANTING						
ABBRV	SPECIES	DI	ENSITY	HEIGHT/GIRTH	ROOT COND	POT SIZE	TO
Ac	Acer campestre		AS SHOWN	12 - 14 (g)	ROOTBALLED		-
Ag	Alnus glutinosa	۸۵		12 - 14 (g)	ROOTBALLED		-
Вр	Betula pendula	AS		12 - 14 (g)	ROOTBALLED		
Sau	Sorbus aucuparia			12 - 14 (g)	ROOTBALLED		-
ORNA	MENTAL TREE PLANTII	ΝG					
ABBRV	SPECIES		DENSITY	/ HEIGHT/GIRTH	ROOT COND	POT SIZE	TO
AcS	Acer campestre 'Streetwise'			12 - 14 (g)	ROOTBALLED		
Ls	Liquidambar styra. 'Slender Silhou	ette'	AS SHOWN	300-350(h)	ROOTBALLED		
	Pyrus calleryana 'Chanticleer'			12 - 14 (g)	ROOTBALLED		
	E HEDGEROW PLANTII SPP. & PERCENTAGE IN MIX		ENSITY	HEIGHT/GIRTH	ROOT COND	POT SIZE	тот
	Acer campestre (10%)		I				
	Acei campesire (1070)			40 - 60 (h)	ROOT CELL	-	
AS KEY	Crataegus monogyna (20%)			40 - 60 (h) 40 - 60 (h)	ROOT CELL	-	-
AS KEY	. , ,			. ,		-	-
AS KEY	Crataegus monogyna (20%) Corylus avellana (40%)	5 p	per lin/m	40 - 60 (h) 40 - 60 (h)	ROOT CELL		
AS KEY	Crataegus monogyna (20%) Corylus avellana (40%) Euonymus europeaus (5%)	5 p	per lin/m	40 - 60 (h) 40 - 60 (h) 40 - 60 (h)	ROOT CELL ROOT CELL	- - -	-
AS KEY	Crataegus monogyna (20%) Corylus avellana (40%) Euonymus europeaus (5%) Ilex aquifolium (10%)	5 p	per lin/m	40 - 60 (h) 40 - 60 (h) 40 - 60 (h) 40 - 60 (h)	ROOT CELL ROOT CELL ROOT CELL	-	-
AS KEY	Crataegus monogyna (20%)  Corylus avellana (40%)  Euonymus europeaus (5%)  Ilex aquifolium (10%)  Prunus spinosa (10%)	5 p	per lin/m	40 - 60 (h) 40 - 60 (h) 40 - 60 (h) 40 - 60 (h) 40 - 60 (h)	ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL		- - -
	Crataegus monogyna (20%) Corylus avellana (40%) Euonymus europeaus (5%) Ilex aquifolium (10%) Prunus spinosa (10%) Sambucus nigra (5%)			40 - 60 (h) 40 - 60 (h) 40 - 60 (h) 40 - 60 (h)	ROOT CELL ROOT CELL ROOT CELL	-	-
Hedgerow	Crataegus monogyna (20%) Corylus avellana (40%) Euonymus europeaus (5%) Ilex aquifolium (10%) Prunus spinosa (10%) Sambucus nigra (5%) s to be planted as double staggered rows	1m a	apart)	40 - 60 (h) 40 - 60 (h)	ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL	-	-
Hedgerow:	Crataegus monogyna (20%) Corylus avellana (40%) Euonymus europeaus (5%) Ilex aquifolium (10%) Prunus spinosa (10%) Sambucus nigra (5%) s to be planted as double staggered rows MENTAL HEDGEROW F	1m a	apart)	40 - 60 (h) 40 - 60 (h)	ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL		-
Hedgerows ORNA ABBRV	Crataegus monogyna (20%)  Corylus avellana (40%)  Euonymus europeaus (5%)  Ilex aquifolium (10%)  Prunus spinosa (10%)  Sambucus nigra (5%)  s to be planted as double staggered rows  MENTAL HEDGEROW F  SPECIES	1m a	apart) NTING	40 - 60 (h) 40 - 60 (h) HEIGHT/GIRTH	ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL	- - - - POT SIZE	
Hedgerow ORNA ABBRV Ic	Crataegus monogyna (20%) Corylus avellana (40%) Euonymus europeaus (5%) Ilex aquifolium (10%) Prunus spinosa (10%) Sambucus nigra (5%) s to be planted as double staggered rows MENTAL HEDGEROW F SPECIES Ilex crenata	1m a	npart) NTING DENSITY 5 Lin/m	40 - 60 (h) 40 - 60 (h)	ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL		-
Hedgerow: ORNA ABBRV Ic NATIV	Crataegus monogyna (20%) Corylus avellana (40%) Euonymus europeaus (5%) Ilex aquifolium (10%) Prunus spinosa (10%) Sambucus nigra (5%) s to be planted as double staggered rows MENTAL HEDGEROW F SPECIES Ilex crenata E UNDERSTOREY PLAI	1m a	npart) NTING DENSITY 5 Lin/m	40 - 60 (h) 40 - 60 (h) HEIGHT/GIRTH	ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL CON	POT SIZE 2-3L	TO
Hedgerow: ORNA ABBRV Ic NATIV	Crataegus monogyna (20%) Corylus avellana (40%) Euonymus europeaus (5%) Ilex aquifolium (10%) Prunus spinosa (10%) Sambucus nigra (5%) s to be planted as double staggered rows MENTAL HEDGEROW F SPECIES Ilex crenata	1m a	npart) NTING DENSITY 5 Lin/m	40 - 60 (h) 40 - 60 (h) HEIGHT/GIRTH	ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL	POT SIZE 2-3L	TO
Hedgerow: ORNA ABBRV Ic NATIV	Crataegus monogyna (20%) Corylus avellana (40%) Euonymus europeaus (5%) Ilex aquifolium (10%) Prunus spinosa (10%) Sambucus nigra (5%) s to be planted as double staggered rows MENTAL HEDGEROW F SPECIES Ilex crenata E UNDERSTOREY PLAI	1m a	npart) NTING DENSITY 5 Lin/m	40 - 60 (h) 40 - 60 (h) HEIGHT/GIRTH 30 - 40 (h)	ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL CON	POT SIZE 2-3L	TO
Hedgerow: ORNA ABBRV Ic NATIV	Crataegus monogyna (20%)  Corylus avellana (40%)  Euonymus europeaus (5%)  Ilex aquifolium (10%)  Prunus spinosa (10%)  Sambucus nigra (5%)  s to be planted as double staggered rows  MENTAL HEDGEROW F  SPECIES  Ilex crenata  E UNDERSTOREY PLAI	1m a	npart) NTING DENSITY 5 Lin/m	40 - 60 (h)  HEIGHT/GIRTH 30 - 40 (h)	ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT COND CON	POT SIZE 2-3L	TO
Hedgerow: ORNA ABBRV Ic NATIV	Crataegus monogyna (20%)  Corylus avellana (40%)  Euonymus europeaus (5%)  Ilex aquifolium (10%)  Prunus spinosa (10%)  Sambucus nigra (5%)  s to be planted as double staggered rows  MENTAL HEDGEROW F  SPECIES  Ilex crenata  E UNDERSTOREY PLAI  SPP. & PERCENTAGE IN MIX  Acer campestre (15%)	1m a	npart) NTING DENSITY 5 Lin/m	40 - 60 (h)  HEIGHT/GIRTH 30 - 40 (h)  HEIGHT/GIRTH 40 - 60 (h)	ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT COND CON ROOT COND BR	POT SIZE 2-3L	TO
Hedgerow: ORNA ABBRV Ic NATIV	Crataegus monogyna (20%)  Corylus avellana (40%)  Euonymus europeaus (5%)  Ilex aquifolium (10%)  Prunus spinosa (10%)  Sambucus nigra (5%)  s to be planted as double staggered rows  MENTAL HEDGEROW F  SPECIES  Ilex crenata  E UNDERSTOREY PLAI  SPP. & PERCENTAGE IN MIX  Acer campestre (15%)  Cornus sanguinea (5%)	1m a	npart) NTING DENSITY 5 Lin/m	40 - 60 (h)  HEIGHT/GIRTH 30 - 40 (h)  HEIGHT/GIRTH 40 - 60 (h) 40 - 60 (h)	ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT COND CON  ROOT COND BR BR	POT SIZE 2-3L POT SIZE -	TO
Hedgerows ORNA ABBRV Ic NATIV ABBRV	Crataegus monogyna (20%)  Corylus avellana (40%)  Euonymus europeaus (5%)  Ilex aquifolium (10%)  Prunus spinosa (10%)  Sambucus nigra (5%)  s to be planted as double staggered rows  MENTAL HEDGEROW F  SPECIES  Ilex crenata  E UNDERSTOREY PLAI  SPP. & PERCENTAGE IN MIX  Acer campestre (15%)  Cornus sanguinea (5%)  Crataegus monogyna (30%)	1m a	apart) NTING DENSITY 5 Lin/m ING ENSITY	40 - 60 (h)  40 - 60 (h)  HEIGHT/GIRTH 40 - 60 (h) 40 - 60 (h) 40 - 60 (h) 40 - 60 (h)	ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT COND CON  ROOT COND BR BR BR BR	POT SIZE 2-3L	TO
Hedgerows ORNA ABBRV Ic NATIV ABBRV	Crataegus monogyna (20%)  Corylus avellana (40%)  Euonymus europeaus (5%)  Ilex aquifolium (10%)  Prunus spinosa (10%)  Sambucus nigra (5%)  s to be planted as double staggered rows  MENTAL HEDGEROW F  SPECIES  Ilex crenata  E UNDERSTOREY PLAI  SPP. & PERCENTAGE IN MIX  Acer campestre (15%)  Cornus sanguinea (5%)  Crataegus monogyna (30%)  Corylus avellana (30%)	1m a	apart) NTING DENSITY 5 Lin/m ING ENSITY	40 - 60 (h)  HEIGHT/GIRTH 40 - 60 (h) 40 - 60 (h) 40 - 60 (h)	ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT CELL ROOT COND CON  ROOT COND BR BR BR BR	POT SIZE 2-3L	TO1

## RAIN GARDEN PLANTING

- Calamagrostis brachytricha (30-40 Con 2-3L density as shown)
- Carex pseudocyperus (30-40 Con 2-3L density as shown)
- Deschampsia cespitosa (30-40 Con 2-3L density as shown)
- Dryopteris affinis (30-40 Con 2-3L density as shown)
- Helleborus foetidus (30-40 Con 2-3L density as shown)
- Cornus sericea Flaviramea (30-40 Con 2-3L density as shown) Leucothoe Scarletta 'Zeblid' (30-40 Con 2-3L - density as shown)
- Asplenium scolopendrium (30-40 Con 2-3L density as shown)
- Ajuga reptans Atropurpurea (30-40 Con 2-3L density as shown)
- Geranium Rozanne Gerwat (30-40 Con 2-3L density as shown)
- Skimmia japonica 'Fragrans' (male) (30-40 Con 2-3L density as shown)
- Hydrangea arborescens Annabelle (30-40 Con 2-3L density as shown)

Rain gardens adjacent to proposed and existing trees to be lined with GreenBlue Urban Root Barriers





NEWYDD HOUSING ASSOCIATION

OCT 2024

LAND OFF HIRWAUN ROAD

DETAILED SOFT LANDSCAPE PROPOSALS