

Baseline tree assessment

There are 57 tree records on the outline site. There are 15 medium size trees in moderate condition. 42 are small tree size in moderate condition.

The tree helper calculates the baseline coverage as

Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small		0.0000	42	0.1710		0.0000
Medium		0.0000	15	0.2443		0.0000
Large		0.0000		0.0000		0.0000
Very large		0.0000		0.0000		0.0000
Total	0	0.0000	57	0.4153	0	0.0000

The extract below shows the tree loss required

Tree No.	latin name	Life Stage	Diameter (mm)	Category	Recommendations
T1	Prunus avium (Wild Cherry)	SM	200	C2	Remove for development
T2	Acer pseudoplatanus (Sycamore)	EM	300	B2	Remove for development
T3	Platanus X hispanica (London Plane)	EM	300	B2	Remove for development
T8	Salix caprea (Goat Willow)	Y	100	C2	Remove for development
G5	Betula pendula (Silver Birch)	M	150	B2	Remove for development
T38	Acer pseudoplatanus (Sycamore)	M	300	B2	Remove for development
T43	Platanus X hispanica (London Plane)	M	450	B2	Remove for development
T44	Platanus X hispanica (London Plane)	M	450	B2	Remove for development
T45	Platanus X hispanica (London Plane)	M	450	B2	Remove for development
T46	Platanus X hispanica (London Plane)	M	450	B2	Remove for development

A total of 4no medium trees and 6no. small size in moderate condition. The tree helper calculates the loss as 0.896. Therefore 0.3257 are retained and can be enhanced from moderate to good condition

Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small		0.0000	6	0.0244		0.0000
Medium		0.0000	4	0.0651		0.0000
Large		0.0000		0.0000		0.0000
Very large		0.0000		0.0000		0.0000
Total	0	0.0000	10	0.0896	0	0.0000

The proposal is as follows

REF	LSCP DESCRIPTION	BNG DESCRIPTION	HECTARE / NO.
1	TREES		6 No.
2	WILDFLOWER	NEUTRAL GRASSLAND	0.0565
3	AMENITY GRASSLANDS	MODIFIED GRASSLAND	0
4	NATIVE HEDGEROWS	NATIVE HEDGEROWS	0
5	SHRUB BEDS	URBAN INTRODUCED SHRUBS	0.0119
6	URBAN SEALED SURFACES	URBAN SEALED SURFACES	0.2016
		TOTAL HA:	0.27

Based on this layout the metric results are

On-site baseline	Habitat units	3.86		
	Hedgerow units	0.00		
	Watercourse units	0.00		
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	3.82		
	Hedgerow units	0.54		
	Watercourse units	0.00		
On-site net change (units & percentage)	Habitat units	-0.04		
	Hedgerow units	0.54		
	Watercourse units	0.00		
Off-site baseline	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
Off-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
Off-site net change (units & percentage)	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-0.04		
	Hedgerow units	0.54		
	Watercourse units	0.00		
Spatial risk multiplier (SRM) deductions	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
FINAL RESULTS				
Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-0.04		
	Hedgerow units	0.54		
	Watercourse units	0.00		
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-1.15%		
	Hedgerow units	N/A		
	Watercourse units	0.00%		
Trading rules satisfied?	No - Check Trading Summaries ▲			
Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	3.86	4.25	0.43

The use of 15 proposed trees provides a 0.32 Unit deficit. A total of 30 trees leaves a unit deficit of 0.13. A total of 41 trees are needed on site to get to 10% and satisfy trading rules.

The extent to which 41 additional trees can be planted in the outline scheme requires consideration and the applicant may require off site biodiversity units to satisfy the mandatory 10% requirement.