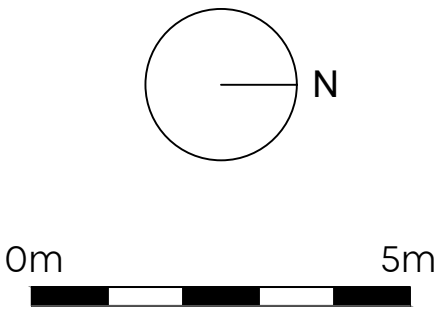


Urban Greening Factor Calculator				
Surface Cover Type	Factor	Area (m²)	Contribution	Notes
Semi-natural vegetation (e.g. trees, woodland, species-rich grassland) maintained or established on site.	1		0	
Wetland or open water (semi-natural; not chlorinated) maintained or established on site.	1		0	
Intensive green roof or vegetation over structure. Substrate minimum settled depth of 150mm.	0.8		0	
Standard trees planted in connected tree pits with a minimum soil volume equivalent to at least two thirds of the projected canopy area of the mature tree.	0.8	617	493.6	
Extensive green roof with substrate of minimum settled depth of 80mm (or 60mm beneath vegetation blanket) – meets the requirements of GRO Code 2014.	0.7		0	
Flower-rich perennial planting.	0.7	325.3	227.71	
Rain gardens and other vegetated sustainable drainage elements.	0.7		0	
Hedges (line of mature shrubs one or two shrubs wide).	0.6	68	40.8	
Standard trees planted in pits with soil volumes less than two thirds of the projected canopy area of the mature tree.	0.6		0	
Green wall –modular system or climbers rooted in soil.	0.6	143.6	86.16	
Groundcover planting.	0.5	86.8	43.4	
Amenity grassland (species-poor, regularly mown lawn).	0.4	38	15.2	
Extensive green roof of sedum mat or other lightweight systems that do not meet GRO Code 2014.	0.3	9.32	2.796	
Water features (chlorinated) or unplanted detention basins.	0.2	2.5	0.5	
Permeable paving.	0.1	467.9	46.79	
Sealed surfaces (e.g. concrete, asphalt, waterproofing, stone).	0	518	0	
Total contribution			956.956	
Total site area (m²)				1631
Urban Greening Factor				0.586729614

- Site Boundary - 961m²
- Amenity Grassland - 38.24m²
- Flower Rich Perennial Planting - 325.3m²
- Proposed Hedgerow 68m (Linear)
- Ground Cover Planting 86.8m²
- Water Features - 2.5m²
- Trees - 617m²
(Projected Canopy within Site Boundary)
- Green Wall (climbers) - 143.6²
- Extensive green roof (sedum mat) - 9.32m²
- Permeable paving 467.9m²
- Sealed Surfaces - 518m²

B	Layout Update/Planting update	30.09.22
A	Final Issue - Northern Green Wall Omitted	27.04.22
Rev	Comment	Date



LAIRD BAILEY

LANDSCAPE ARCHITECTS

LAIRD BAILEY LANDSCAPE ARCHITECTS

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Cotswolds - Somerset - South Wales

Client:

Re-Creo

Project Title:

Netherhall Gardens

Drawing Title:

Urban Greening Factor

Date: 26 April 2022

Drawing Number: LB295_D03

Scale: 1:100 at A1

Drawn By: AL

Checked by: DB

Revision: B