



- permeable paving 153.21m2
- permeable resin gravel 266.05
- non permeable tarmac 1491.97m2
- green roof 91.75m2
- rain garden 37.5m2
- planting bed 80.84m2
- grass 801.15m2
- pollen rich ground cover 431.42m2

site area 5527.73m2

Introduction
This calculator should be used in conjunction with London Plan Guidance 'Urban Greening Factor', 2021.

The Urban Greening Factor (UGF) is a tool that evaluates and quantifies the urban greening proposed in new developments. The UGF works by assigning a factor score to each surface cover type proposed in a planning application. Scores range from 1 for semi natural vegetation, through to 0 for impermeable sealed surfaces.

- Instructions**
- Cells highlighted in green should be completed by the applicant;
 - Green cover should be categorised in accordance with Appendix 1 of the UGF guidance;
 - The notes column should be used to record any assumptions (e.g. how expected tree canopy has been calculated) and to set out which features (e.g. the type of semi-natural habitat) have been included in the appropriate row;
 - The calculation table should be copied to UGF drawing to be submitted for planning;
 - The UGF should always be calculated on the total site area, equivalent to the red line boundary;
 - Adjacent areas of land under the ownership or management of the applicant but not subject to the planning application must not be included; and
 - Retained surface cover types should be included in the calculation.

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	0	
Wetland or open water (semi-natural; not chlorinated) maintained or established on site.	1	0	0	
Intensive green roof or vegetation over structure. Substrate minimum settled depth of 150mm.	0.8	0	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	0	0	
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	0	
Flower-rich perennial planting.	0.7	431.42	301.994	
Rain gardens and other vegetated sustainable drainage elements.	0.7	37.5	26.25	
Hedges (line of mature shrubs one or two shrubs wide).	0.6	80.84	48.504	
Standard trees planted in pits with soil volumes less than two thirds of the projected canopy area of the mature tree.	0.6	32.88	19.716	
Green wall – modular system or climbers rooted in soil.	0.6		0	
Groundcover planting.	0.5		0	
Amenity grassland (species-poor, regularly mown lawn).	0.4	601.15	320.46	
Extensive green roof of sedum mat or other lightweight systems that do not meet GRO Code 2014.	0.3	91.75	27.525	
Water features (chlorinated) or unplanted detention basins.	0.2		0	
Permeable paving.	0.1	419.86	41.986	
Sealed surfaces (e.g. concrete, asphalt, waterproofing, stone).	0	1491.97	0	
Total contribution			786.435	
Total site area (m²)			5527.73	
Urban Greening Factor			6.142270878	

Notes:

do not scale:
detailed drawings and larger scale drawings take precedence. Figured dimensions only are to be taken from this drawing.

dimensions:
All building and site dimensions, levels and sewer invert levels at connection points are to be checked and verified on site by the contractor before the commencement of works. All dimensions are to be checked prior to the placement of orders for materials or the fabrication of work and any discrepancy, omission or error is to be reported to the Architect immediately for verification.

specification:
The Contractor is to comply with current Building Legislation, British Standard Specifications, Building Regulations etc. whether or not specifically stated on this drawing. This drawing must be checked against and read in conjunction with any structural or other relevant specialist and design documentation provided.

revisions:

client:

H Schneck

project:

Salamander Quay
Harefield
Uxbridge
UB9 6NZ

description:

Proposed Site Plan
External zoning
Urban greening



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date: Jul'26
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