



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	740.84	740.84	
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	280	224	
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	758.86	607.088	80m2 per tree R 5.05m
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	327.45	229.215	
Rain gardens and other vegetated sustainable drainage elements.	0.7	60.12	42.084	
Hedges (line of mature shrubs one or two shrubs wide).	0.6	552.97	331.782	
Standard trees planted in pits with soil volumes less than two thirds of the projected canopy area of the mature tree.	0.6	0	0	50m2 per tree R = 4m
Green wall –modular system or climbers rooted in soil.	0.6	75.5	45.3	
Groundcover planting.	0.5	0	0	
Amenity grassland (species-poor, regularly mown lawn).	0.4	0	0	
Extensive green roof of sedum mat or other lightweight systems that do not meet GRO Code 2014.	0.3	0	0	
Water features (chlorinated) or unplanted detention basins.	0.2	0	0	
Permeable paving.	0.1	231.45	23.145	
Sealed surfaces (e.g. concrete, asphalt, waterproofing, stone).	0	0	0	
<b>Total contribution</b>			<b>2243.454</b>	
<b>Total site area (m²)</b>				<b>7476.977</b>
<b>Urban Greening Factor</b>				<b>0.300048</b>

KEY

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- 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.
- Flower-rich perennial planting.
- Rain gardens and other vegetated sustainable drainage elements.
- Hedges (line of mature shrubs one or two shrubs wide).
- Permeable paving.
- Green wall –modular system or climbers rooted in soil.



**GENERAL NOTES:**  
 This drawing is to be read in conjunction with all other relevant disciplines drawings, schedules, specifications and supporting information. Any discrepancies are to be reported to Indigo Landscape Architects Limited and resolution sought prior to proceeding. This drawing is subject to copyright.

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project  
**PI LONDON UXBRIDGE**

client  
**WHITBREAD GROUP PLC**

drawing title  
**URBAN GREENING FACTOR CALCULATIONS**

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