

Urban Greening Factor Calculator - Option 1				
Surface Cover Type	Factor	Area (m ²)	Contribution	Notes
Semi-natural vegetation (e.g. trees, woodland, species-rich grassland) maintained or established on site.	1	550	550	GF- Wildflower Seed Mix 34m ² Existing Vegetation 23.1m ² Native Shrub Planting 439m ²
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	254	203.2	01 - 254m ²
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	701.8	561.44	GF - 82No. Small X 4.9m ² = 401.8m ² GF- 15No. Medium X 20m ² =300m ²
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	537.5	376.25	05 - 537.5m ²
Flower-rich perennial planting.	0.7	915	640.5	GF - 915m ²
Rain gardens and other vegetated sustainable drainage elements.	0.7	0	0	
Hedges (line of mature shrubs one or two shrubs wide).	0.6	90	54	GF - 90m ²
Standard trees planted in pits with soil volumes less than two thirds of the projected canopy area of the mature tree.	0.6	127.4	76.44	GF - 16No. Small X 4.9m ² = 78.4m ² 01- 10No. Small X 20m ² =49m ²
Green wall –modular system or climbers rooted in soil.	0.6	1800.0	1080	GF - Green screen 1.2m x 169m = 268.2m ² Climbers 1.8m x 474m = 853.2m ² - 3.6m x 56m = 201.6m ² - 4m x 102m = 408m ² 01 - Green screen 1.2m x 55m = 66m ²
Groundcover planting.	0.5	0	0	
Amenity grassland (species-poor, regularly mown lawn).	0.4	479	191.6	GF - 479m ²
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	1826	182.6	GF- 1590m ² 01 - 123m ² 05 - 113m ²
Sealed surfaces (e.g. concrete, asphalt, waterproofing, stone).	0		0	
Total contribution			3916.03	
Total site area (m²)			9780.0	
Urban Greening Factor			0.40	