



Not to be scaled for site setting out or construction purposes. All dimensions to be checked on site. Discrepancies, ambiguities and / or omissions between this drawing and information given elsewhere must be reported immediately to head office for clarification before proceeding.

Legend

- Site Boundary
- Surface Cover Type
 - Semi-natural vegetation (e.g. trees, woodland, species-rich grassland) maintained or established on site
 - 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
 - Extensive green roof with substrate of minimum settled depth of 80mm (or 60mm beneath vegetation blanket) – meets the requirements of GRO Code 2014
 - Flower-rich perennial planting
 - Hedges (line of mature shrubs one or two shrubs wide)
 - Standard trees planted in pits with soil volumes less than two thirds of the projected canopy area of the mature tree
 - Groundcover planting
 - Permeable paving
 - Sealed surfaces (e.g. concrete, asphalt, waterproofing, stone)

Total site area (m ²) (include all land within the red line boundary)			6150	
Urban Greening Factor Calculator				
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	259	259	Buffer planting including bushy shrubs, scrub planting.
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.	0.6	2805.425	2244.34	Existing trees on site as calculated in the Tree Canopy Assessment (canopy of trees after tree removals and necessary pruning: 2079.3 m ²) + 37 no proposed trees, each with an assumed average 5-meter diameter canopy in mature size (= 37 x 2.5 ² x 3.14 = 728.125 m 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	806.5	564.55	Bauder Biosolar roof, refer to the Architect's documentation for details.
Flower-rich perennial planting.	0.7	942	659.4	
Rain gardens and other vegetated sustainable drainage elements.	0.7	0	0	
Hedges (line of mature shrubs one or two shrubs wide).	0.6	109	65.4	Existing and proposed hedges.
Standard trees planted in pits with soil volumes less than two thirds of the projected canopy area of the mature tree.	0.6	120.105	72.063	15 no proposed and 2 no existing trees in smaller pits, each with an assumed average 3-meter diameter canopy in mature size (17 x 1.5 ² x 3.14 = 120.105 m ²)
Green wall –modular system or climbers rooted in soil.	0.6	0	0	
Groundcover planting.	0.5	1187	593.5	
Amenity grassland (species-poor, regularly mown lawn).	0.4	169	67.6	
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	334.7	33.47	
Sealed surfaces (e.g. concrete, asphalt, waterproofing, stone).	0	3101.3	0	
Total contribution			4559.323	
Urban Greening Factor				0.741353333