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NOTES

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	1,355	1355	existing retained tree canopy area, broadleaf woodland area, and new species rich/meadow seeding
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	672	537.6	56 proposed trees at forecast canopy area of 12m².
Extensive green roof with substrate of minimum settled depth of 80mm (or 60mm beneath vegetation blanket) – Flower-rich perennial planting.	0.7		0	
	0.7	221.5	155.05	50% flower rich / 50% groundcover
Rain gardens and other vegetated sustainable drainage elements.	0.7	53.7	37.59	
Hedges (line of mature shrubs one or two shrubs wide).	0.6	180.5	108.3	
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		0	
Groundcover planting.	0.5	221.5	110.75	50% flower rich / 50% groundcover
Amenity grassland (species-poor, regularly mown lawn).	0.4	2,675	1070	
Extensive green roof of sedum mat or other lightweight systems that do not meet GRO Code 2014.	0.3		0	
Water features (chlorinated) or unplanted detention basins.	0.2		0	
Permeable paving.	0.1	225.5	22.55	
Sealed surfaces (e.g. concrete, asphalt, waterproofing, stone).	0	2954	0	
Total contribution			3396.84	
Total site area (m²)				8927
Urban Greening Factor				0.38051305

- LEGEND**
- Native hedge planting - 180.5 m2
 - Flower-rich planting and groundcover planting -443 m2
 - Amenity grass - 2675 m2
 - Semi-natural vegetation-1355 m2
 - Proposed standard trees - 56 nr
 - Existing trees/vegetation to be retained
 - Permeable paving - 225.5 m2
 - Sealed surface - 2954 m2
 - Rain garden - 53.7m2

REVISION | P07 DATE | 29.09.26 BY | GS CHECKED | KP

Entrance block paving corrected to sealed surface and area recalculated.

CLIENT Bowmer + Kirkland

PROJECT **Gomersal St Mary's Primary School**

TITLE General Arrangement Green Infrastructure Plan

DWG No. SRP1134-ONE-ZZ-XX-D-L-0008 REV P07

STATUS PRELIMINARY

SCALE 1:500 @ A2 DATE 06.11.25 DRN BY GS

