

GENERAL NOTES:
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Proposed Green Infrastructure Plan - 1:500

GREEN INFRASTRUCTURE KEY

- 8No. TREES RETAINED / 399 LINEAR METERS RETAINED HEDGEROWS
TOTAL SURFACE AREA = 1,494 m² (961m² RETAINED HEDGEROWS)
- 8No. TREES / HEDGEROW GROUPS REMOVED
TOTAL SURFACE AREA REMOVED = 320.6 m²
- 15No. PROPOSED TREES IN SOFT LANDSCAPE
- 5No. PROPOSED TREES IN BIO-RETENTION TREE PITS
- GRASS LAWN
TOTAL SURFACE AREA = 675m²
- PROPOSED WILDFLOWER /RETAINED GRASSLAND (TO NORTH)
TO BE UNMOWN, TOTAL SURFACE AREA = 518 m²
- PROPOSED ORNAMENTAL SHRUB PLANTING
TOTAL SURFACE AREA = 167 m²
- PROPOSED EVERGREEN PRIVACY HEDGE PLANTING - TO G.F UNITS
TOTAL AREA = 144m²
- PROPOSED MIXED-NATIVE HEDGE PLANTING
TOTAL AREA = 117m² , (130 LINEAR METERS)
- PROPOSED CLIMBER PLANTING
(33 LINEAR METERS)

Proposed Green Infrastructure Table

User input indicated by Orange fields		User Input	
		Zoning lookup	Minimum GI Score
		Res	0.5
1. Enter Development Site Area m ² HERE			
Surface Type (see tab for detailed descriptions)	Factor	Proposed Surface Area m ²	Factor Values
1. Short Lawn	0.5	271	202.5
2. Tall Lawn (w/rd, not mown)	0.5	153	229
Permeable Paving	0.5	0	0
Vegetation			
4a. Vegetation-Shrub below 3m	0.6	31,05	36.42
4b. Vegetation-Shrub / Hedgerow above 3m	0.5	111	206
4c. Vegetation-Pollinator friendly perennial planting	0.5	111	56.5
4d. Vegetation-Preserved hedgerow	1.2	373	1141.2
Trees			
5a. New trees	0.6	30	36
5b. Preserved trees	1.2	253	691.8
7. 500mm perforation (rain garden, bioswale) green roof	0.6	20	12
8a. Green Roofs - Intensive green roof (substrate is 200-200mm in depth)	0.7	0	0
8b. Green Roofs - Extensive green roof (substrate is 80-200mm in depth)	0.6	0	0
10. Green wall	0.4	0	0
11. Retained Open Water	2	0	0
12. New Open water	1.5	0	0
Total Equivalent Surface Area of Greening Factors		3,387.05	
Green Factor Numerator		2603.22	
Minimum Required GI score	Final GI score	Result	
0.5	0.46	Fail	

Reg. Ref. SD22A/0096
ADDITIONAL INFORMATION

Rev	Initial	Date	Revision Description

DCWNEY		29 Merrion Square, D08WV64 +353 (0)1 253 0220 info@dwy.ie	
CLIENT	LORAT TRADING LTD.	SCALE @ A1	1:250
PROJECT	PROPOSED DEVELOPMENT AT MAIN STREET, RATHCOOLE, CO DUBLIN	SCALE @ A4	A1
DWG. TITLE	PROPOSED GREEN INFRASTRUCTURE PLAN	DRAWN BY	JMC
		CHECKED BY	JMC
		DATE	02/2023
		REVISION	/
		JOB NO.	436-003
		DRAWG NO.	436-003-A1-617