




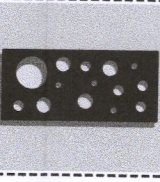
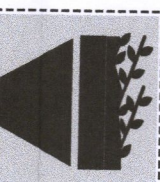
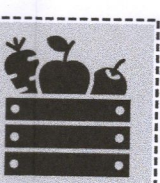


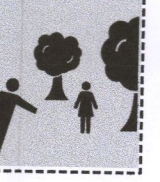



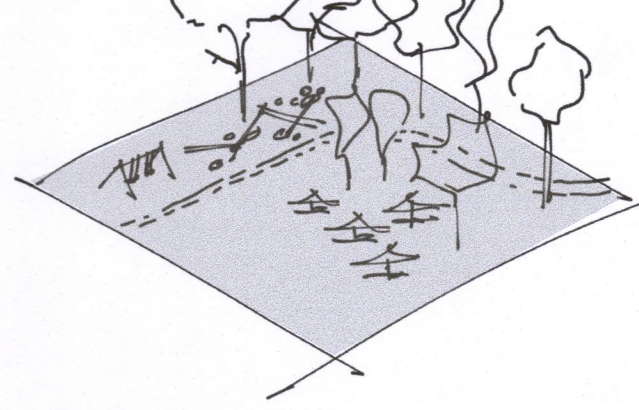
**SOUTH DUBLIN COUNTY DEVELOPMENT PLAN INTERVENTIONS:**

'In cases where a developer faces particular difficulties in meeting the required minimum score due to site specific constraints, the Council will engage with an applicant to help determine an alternative GI solution for the subject site. A developer may be permitted to provide alternative site-specific GI interventions or other contributions to make up for a shortcoming'

Some of the interventions that SDCC proposes to implement in order to enhance the GI of the Proposed Development are:

-  The use of natural features such as woodlands, hedgerows, trees, water courses, ponds and grasslands.
-  The incorporation of nature-based solutions such as SuDS schemes, permeable paving, green and blue roofs, green walls, swales, tree pits, raingardens
-  The provision of new native tree and plant species as well as pollinator friendly species, consistent with National Pollinator Plan
-  Where possible no net loss of existing trees
-  Provision of bird boxes, bat boxes and other wildlife interventions
-  Provision of bee bricks
-  Retention of heritage features such as walls that have habitat value
-  Provision of orchards for residents to grow fruits and vegetables
-  Use of locally sourced natural materials
-  Hedgerow / trees and grassland management plans
-  Provision of environmentally sensitive recreation and connectivity between GI areas

### AMENITY


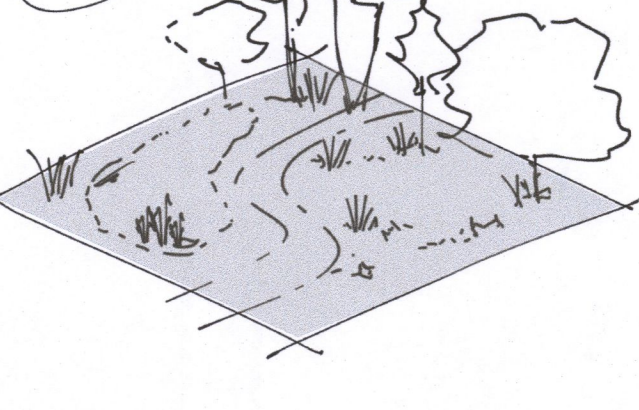



### COMMUNITY OPEN SPACES

LANDSCAPES FOR RECREATION & SOCIAL LIFE

NATURAL PLAY AREAS  
KICK-ABOUT AREAS  
PIC-NIC  
PLAZAS  
PASSIVE RECREATION  
URBAN GARDENS  
ORCHARD  
OUTDOO GYM

### BIODIVERSITY


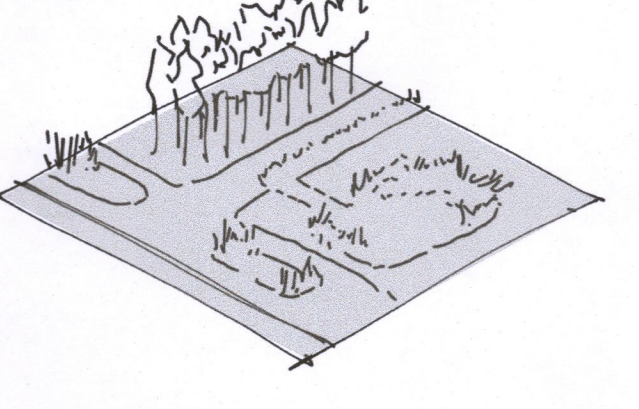



### ECOLOGICAL LANDSCAPE

ENVIRONMENTAL BENEFITS

NATURE PARKS  
MIZAWAKI FOREST  
POLLINATOR FRIENDLY GARDENS  
ECOLOGICAL CORRIDOR  
BIRD BOXES

### QUALITY


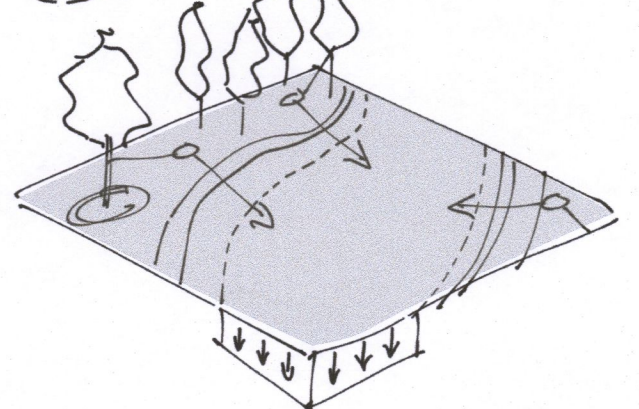



### BLUE + GREEN INFRASTRUCTURES

LANDSCAPES THAT MANAGE STORMWATER

GREEN ROOFS  
RAINGARDENS  
BIOSWALES + INFILTRATION  
MEDIANS  
WATER STORAGE  
SUDDS TREE PITS

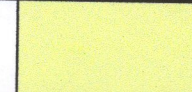
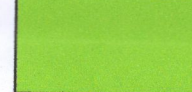




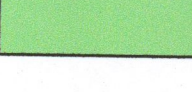
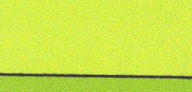



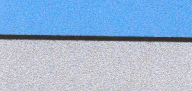
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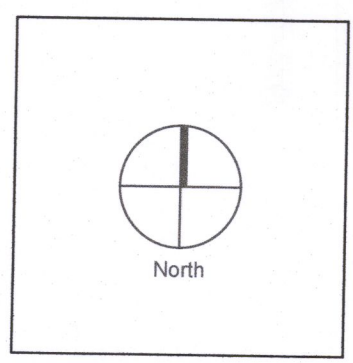
### PERMEABILITY

FLOW & STORAGE

ATTENUATION TANKS  
RETENTION BASINS  
FLOW CONTROLS & SUBCATCHMENTS

Development Site Area (m2)		11944.93		
Surface Type	Legend	Factor	Proposed Surface Area (m2)	Factor Values
1. Short Lawn		0.3	6412.18	1923.654
2. Tall Lawn (wild, not mown)		0.5	444.68	222.34
Permeable Paving		0.3	601.62	180.486
Vegetation				
4a. Vegetation-Shrub below 3m		0.4	1911.93	764.772
4b. Vegetation-Shrub / Hedgerow above 3m		0.5	2652.87	1326.435
4c. Vegetation-Pollinator friendly perennial planting		0.5	3585.84	1792.92
4d. Vegetation-Preserved hedgerow		1.2	402.13	482.556
Trees				
5a. New trees		0.6	612.5	367.5
5b. Preserved trees		1.2	0	0
7. SuDS intervention (rain garden, bioswale)		0.6	1288.62	773.172
Green Roof				
9a. Green Roofs - Intensive green roof (substrate is 200-1200mm in depth)		0.7	0	0
9b. 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	375.36	563.04
<b>Total Equivalent Surface Area of Greening Factors</b>			<b>18287.73</b>	
<b>Green Factor Numerator</b>				<b>8396.875</b>
<b>Minimum required GI Score</b>		<b>0.7</b>	<b>Final GI Score</b>	
			<b>0.7</b>	

Rev.	Date	Note
00	0000-00-00	00



General Notes

**Doyle & O'Troithigh**  
Landscape Architecture

Project Name	Residential Development, Stone Hill Road, Rathcoole	Drawing Name	Green Score Factor RU
Status	Planning	Drawing No	LPR-02-PP
Project No	18-008	Revision No	00
Scale	NTS	Drawn By	J.A.
Date	05/04/2023	Checked By	D.O.T.

Doyle Doyle  
Director  
+353 (0)87 267 4196  
info@doyle-doyle.com

O'Troithigh  
Director  
+353 (0)87 300 3499  
info@doyle-o'troithigh.com

Office Address  
Pembroke House  
28-29 Upper Pembroke St  
Dublin 4

Contact  
mail@doyle-o'troithigh.com  
+353 (0)1 608 7782