




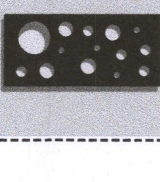
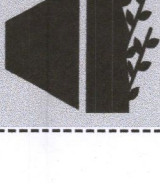
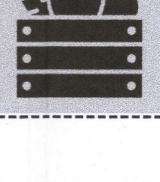
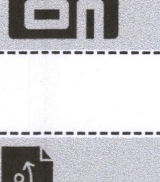
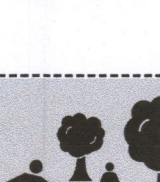
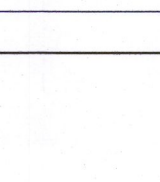


Development Site Area (m2)		14310.4		
Surface Type	Legend	Factor	Proposed Surface Area (m2)	Factor Values
1. Short Lawn		0.3	5407.76	1622.33
2. Tall Lawn (wild, not mown)		0.5	0	0
Permeable Paving		0.3	2531.26	759.38
Vegetation				
4a. Vegetation-Shrub below 3m		0.4	686.75	274.70
4b. Vegetation-Shrub / Hedgerow above 3m		0.5	0	0
4c. Vegetation-Pollinator friendly perennial planting		0.5	1192.97	596.49
4d. Vegetation-Preserved hedgerow		1.2	512.40	614.88
Trees				
5a. New trees		0.6	200.0	120.0
5b. Preserved trees		1.2	0	0
7. SuDS intervention (rain garden, bioswale)		0.6	30.64	18.38
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	0	0
Total Equivalent Surface Area of Greening Factors			10561.78	
Green Factor Numerator				4006.16
Minimum required GI Score		0.5	Final GI Score 0.28	

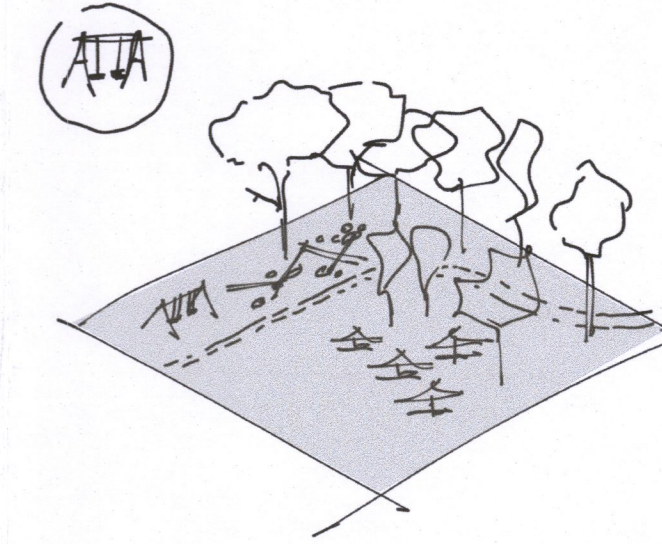
SOUTH DUBLIN COUNTY DEVELOPMENT PLAN INTERVENTIONS:

'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

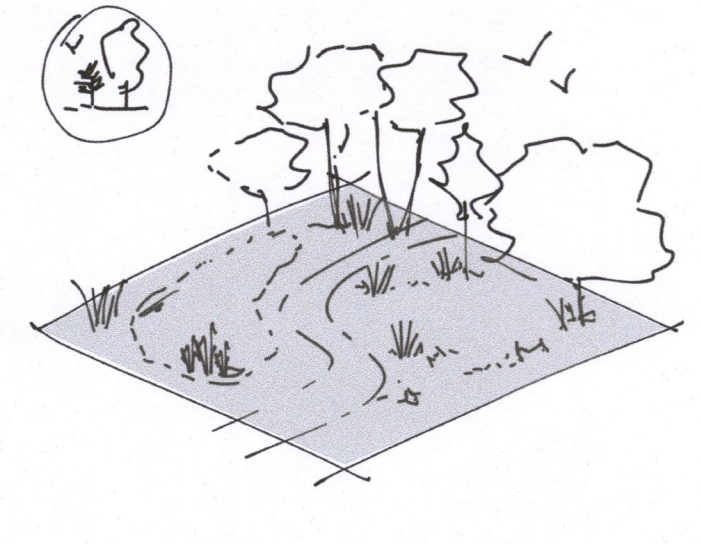


COMMUNITY OPEN SPACES

LANDSCAPES FOR RECREATION & SOCIAL LIFE

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

BIODIVERSITY

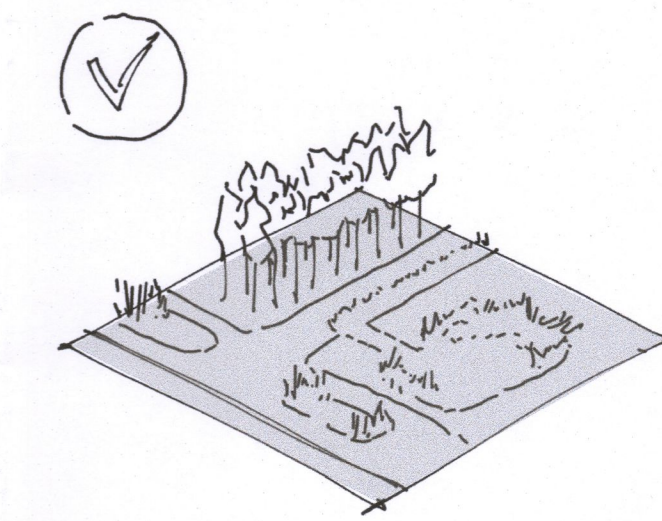


ECOLOGICAL LANDSCAPE

ENVIRONMENTAL BENEFITS

NATURE PARKS
MIXAWAKI FOREST
POLLINATOR FRIENDLY GARDENS
ECOLOGICAL CORRIDOR
BIRD BOXES

QUALITY

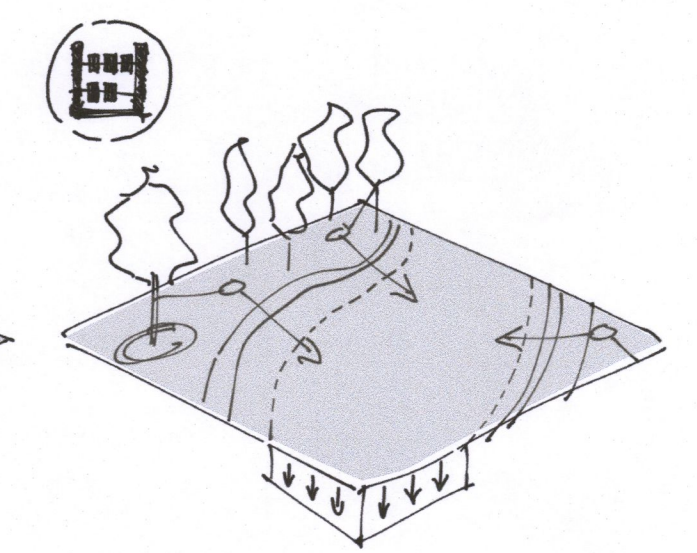


BLUE + GREEN INFRASTRUCTURES

LANDSCAPES THAT MANAGE STORMWATER

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

QUANTITY

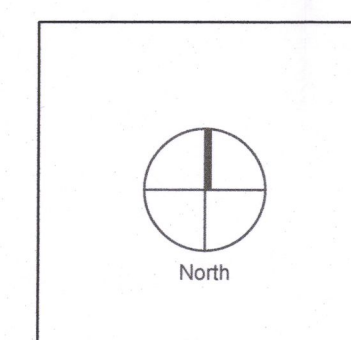


PERMEABILITY

FLOW & STORAGE

ATTENUATION TANKS
RETENTION BASINS
FLOW CONTROLS & SUBCATCHMENTS

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 RES

Status: Planning	Drawing No: LPR-01-PP
Project No: 18-008	Revision No: 00
Scale: NTS	Drawn By: J.A.
Date: 05/04/2023	Checked By: D'OT

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