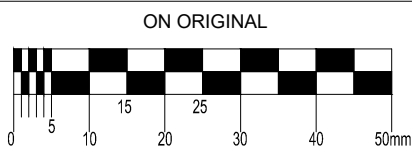


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NOTES:

LEGEND

- ROOFS - HARDSTANDING (DRAINING TO GULLIES)
- ROOFS - GREEN
- ROOFS - TERRACES (DRAINING TO GULLIES)
- PODIUM - HARDSTANDING (DRAINING TO SUDs FEATURES)
- PODIUM - GREEN AREAS (PLANTING & LAWNS)
- ROADS & FOOTPATHS DRAINING TO GULLIES
- PROPOSED BIORETENTION AREAS AND RAIN GARDENS
- CATCHMENT DRAINING TO ATTENUATION TANK 1
- CATCHMENT DRAINING TO ATTENUATION TANK 2

P03	09-12-20	PLANNING	BS	NJF
P02	06-11-20	PLANNING	BS	NJF
P01	27-03-20	PRE-PLANNING	BS	NJF
rev	date	description	by	chkd.

client approval	A - Approved B - Approved with comments C - Do not use
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suitability	issue purpose
S2 - INFORMATION	PLANNING



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project ref. RESIDENTIAL DEVELOPMENT AT GLENAMUCK ROAD

drawing title

SUDS STRATEGY

client

AXIS CONSTRUCTION

designed by	author	scale	sheet size
PCC	BS	1:500	A1
drawing no.	revision		
	170063-3105		P03

ROOF AREAS					
DESCRIPTION	Block A	Block B	Block C	Block D	Total
GREEN ROOF AREA (m²)	2147	244	483	837	3711
HARDSTANDING ROOF AREA (m²)	450	646	81	86	1263
TOTAL AREA (m²)	2597	890	564	923	4974
% OVERALL GREEN ROOF AREA	83%	27%	86%	91%	75%

CATCHMENT CHARACTERISTICS			
DESCRIPTION	CATCHMENT DRAINING TO ATTENUATION TANK 1 (AREA = m²)	CATCHMENT DRAINING TO ATTENUATION TANK 2 (AREA = m²)	REDUCTION FACTOR
ROOFS - HARDSTANDING (DRAINING TO GULLIES)	455.000	808.000	5%
ROOFS - GREEN	1336.000	2375.000	5%
PODIUM - HARDSTANDING (DRAINING TO SUDs FEATURES)	2086.000	3708.800	20%
ROADS AND FOOTPATHS - DRAINING TO GULLIES	607.000	1079.700	5%
GREEN AREAS (PLANTING & LAWNS) / SOFT LANDSCAPING	1305.000	2100.000	95%