



- KEY**
- Existing Storm Sewer
 - Existing Combined Sewer
 - Existing Combined Sewer to be abandoned
 - Proposed Foul Sewer
 - Proposed Storm Drain
 - Proposed Combined Sewer Diversion
 - Permeable Paving Construction (Tanked)
 - Rain Garden
 - Water Butt

TOTAL CATCHMENT
Total Impermeable Area = 0.156ha
Proposed Peak Discharge Rates
1 in 1yr = 5.0 l/s (-11.7 l/s)
1 in 2yr = 5.3 l/s (-21.8 l/s)
1 in 30yr = 6.5 l/s (34.5 l/s)
1 in 100yr = 6.8 l/s (-45.7 l/s)

Catchment C1 (see enclosed callout)
Total Impermeable Area = 0.040ha
Proposed Discharge Rates
1 in 1yr = 1.2 l/s
1 in 2yr = 0.8 l/s
1 in 30yr = 1.4 l/s
1 in 100yr = 1.5 l/s

Catchment C2 (see enclosed callout)
Total Impermeable Area = 0.040ha
Proposed Discharge Rates
1 in 1yr = 1.2 l/s
1 in 2yr = 0.8 l/s
1 in 30yr = 1.4 l/s
1 in 100yr = 1.5 l/s

Catchment C3 (see enclosed callout)
Total Impermeable Area = 0.040ha
Proposed Discharge Rates
1 in 1yr = 1.2 l/s
1 in 2yr = 0.8 l/s
1 in 30yr = 1.4 l/s
1 in 100yr = 1.5 l/s

Catchment C4 (see enclosed callout)
Total Impermeable Area = 0.040ha
Proposed Discharge Rates
1 in 1yr = 1.2 l/s
1 in 2yr = 0.8 l/s
1 in 30yr = 1.4 l/s
1 in 100yr = 1.5 l/s

Catchment C5 (see enclosed callout)
Total Impermeable Area = 0.040ha
Proposed Discharge Rates
1 in 1yr = 1.2 l/s
1 in 2yr = 0.8 l/s
1 in 30yr = 1.4 l/s
1 in 100yr = 1.5 l/s

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rev	date	description	by
C	02.02.23	Updated to suit revised Site Layout.	MCC
D	06.06.23	Updated to suit revised Site Layout. Plots 28-29 handed.	MCC
E	15.10.23	PPS is amended.	MCC

Status:
TENDER

Drawn:	MCC	Client:	Tai Tarian
Checked:	MCC	Project:	Heol Crwys, Cwmavon
Date:	March 2022	Title:	Drainage Strategy Plan
Scale:	1:250 (A0)	Ref:	2575-500
		Rev:	E