



NOTE

THIS PRINT AND ANY DESIGN THEREON IS THE PROPERTY OF BECKWITH & HANLON CONSULTING ENGINEERS LIMITED AND IS TO BE RETURNED ON REQUEST. IT IS TO BE USED ONLY FOR THE PURPOSE FOR WHICH IT WAS EXPRESSLY LOANED AND IS NOT TO BE COPIED IN ANY MANNER, NOR IS INFORMATION TAKEN THEREFROM TO BE TRANSMITTED OR PASSED TO OTHERS.

DO NOT SCALE OFF THIS DRAWING.

DO NOT TAKE DIGITAL DIMENSIONS OFF THIS DRAWING.

NOTES:

GENERAL

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH:

- BECKWITH AND HANLON DRG. 23-034-200 SERIES DRAWINGS
- CAUSEWAY FLOW MODEL 23-034 Summergrove SW Network 1 April25 PFD & 23-034 Summergrove SW Network 2 March25 PFD.

KEY

FLOOD ROUTE

SITE BOUNDARY

FLOOD VOLUMES

NETWORK 1

MH No.	Storm Duration	1:200 Year Flood m³	1:500 Year Flood m³
S1	30 minute summer	1.6	11.5
S4	15 minute summer	4.3	---
S4	30 minute summer	---	14.9
S5	30 minute summer	---	0.05
S8	15 minute summer	3.5	---
S8	30 minute summer	---	13.4
S13	30 minute summer	---	7.3
S18	30 minute summer	---	0.4
S32	30 minute summer	---	1.3
S33	30 minute summer	---	1.1
S38	240 minute winter	44.8	---
S38	360 minute winter	---	638.8

NETWORK 2

MH No.	Storm Duration	1:200 Year Flood m³	1:500 Year Flood m³
S51	360 minute winter	---	21.2

NOTE

ALL THE ABOVE ALLOWS FOR 50% CLIMATE CHANGE AND 10% URBAN CREEP

P3	PROPOSED SITE PLAN UPDATED TO ACCORD WITH ALPHA DESIGN SITE PLAN RECEIVED 02/08/25. FLOOD ROUTING PLAN AMENDED TO SUIT.	JH	JM	04/08/25
P2	PROPOSED SITE PLAN UPDATED TO ACCORD WITH ALPHA DESIGN SITE PLAN RECEIVED 27/03/25. FLOOD ROUTING PLAN AMENDED TO SUIT.	JH	JM	01/05/25
P1	FIRST ISSUE	JH	JM	17/01/25
REV	AMENDMENT	BY	CKD	DATE

CLIENT

JOHN SWIFT HOMES LTD.

PROJECT

SUMMERGROVE
WHITEHAVEN

DRAWING TITLE

FLOOD ROUTING PLAN

Beckwith & Hanlon
Consulting Engineers Limited
F22 Willow Court, Marquis Court,
Team Valley Trading Estate,
Gateshead, NE11 0RU
tel: 0191 273 7582

SCALE	1:1000	BY	JH	CHECKED	JM	DATE	DEC. '24
-------	--------	----	----	---------	----	------	----------

DRAWING NO.

23-034-239

STATUS	PRELIMINARY	REV	P3
		SIZE	A1