



Cliffside

Hilford

Greenlea

S11 - ATTENUATION BASIN
TOP OF BASIN LEVEL GENERALLY 52.640
MAX DESIGNED WATER LEVEL IN DESIGNED STORM EVENT 52.142
HIGHLIGHTED LENGTH OF TOP OF BASIN TO BE REDUCED TO 52.500
TO ENCOURAGE ANY FLOODING AT THE LOCATION SHOWN

- EXCEEDANCE ROUTE FOR RETURN PERIODS ABOVE 100 YEARS + 50% CLIMATE CHANGE. SURFACE WATER TO FIRST FLOOD AT HIGHLIGHTED LOCATION THEN EXCEED TO THE NORTH AND TOWARDS THE EXISTING WATERCOURSE

STORM PERIODS ABOVE 100 YEARS + 50% CLIMATE CHANGE SURFACE WATER WILL FIRST FLOOD AT HYDROBRAKE MANHOLE. MANHOLE TO BE FITTED WITH GRATED LID. EXCEEDANCE WILL FLOW EAST DOWN BANK TOWARDS ADJACENT WATERCOURSE

STORM PERIODS ABOVE 100 YEARS + 50% CLIMATE CHANGE SURFACE WATER WILL FIRST FLOOD AT HYDROBRAKE MANHOLE. MANHOLE TO BE FITTED WITH GRATED LID. EXCEEDANCE WILL FLOW NORTH FOLLOWING FOOTPATH BEFORE FLOWING DOWN BANK TOWARDS ADJACENT WATERCOURSE

S104 - INFILTRATION BASIN
TOP OF BASIN LEVEL GENERALLY 51.700
MAX DESIGNED WATER LEVEL IN DESIGNED STORM EVENT 51.444
HIGHLIGHTED LENGTH OF TOP OF BASIN TO BE REDUCED TO 51.600
TO ENCOURAGE ANY FLOODING AT THE LOCATION SHOWN

– EXCEEDANCE ROUTE FOR RETURN PERIODS ABOVE 100 YEARS + 50% CLIMATE CHANGE
SURFACE WATER TO FIRST FLOOD AT THE LOW POINT OF THE BASIN AND TOWARDS
THE ADJACENT FIELDS TO THE EAST

NO FLOODING OCCURS UPTO AND INCLUDING THE SIMULATIONS FOR THE 100YR + 50%CC + 10% UC + 30% PERMEABLE AREA STORM EVENTS

Key:



GENERAL NOTES

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.

ALL RELEVANT DIMENSIONS TO BE OBTAINED/CHECKED AGAINST ARCHITECT'S DRAWINGS AND BY SITE MEASUREMENT PRIOR TO THE COMMENCEMENT OF WORKS OR ORDERING OF MATERIALS. DISCREPANCIES BETWEEN THE DRAWINGS AND SITE CONDITIONS TO BE NOTIFIED TO THE ENGINEER.

DO NOT SCALE FROM THIS DRAWING.

R09	03/07/2020	UPDATED FOLLOWING COMMENTS RECEIVED REGARDING EXCEEDANCE	R02	R03	R05
R08	14/05/2020	UPDATED EXCEEDANCE ROUTES AND NOTES	R02	R03	R05
R07	14/04/2020	UPDATED EXCEEDANCE ROUTES	R02	R03	R05
R06	15/11/2019	UPDATED TO SUIT REVISED SITE LEVELS	R02	R03	R05
R05	25/10/2019	AMENDED DRAINAGE	R02	R03	R05
R04	23/04/2018	AMENDED SDO	R02	R03	R05
R03	13/03/2018	REMOVED WETLAND AND AMENDED OUTFALL	R02	R03	R05
R02	26/01/2018	AMENDED LAYOUT AND DRAINAGE	R02	R03	R05
R01	23/06/2017	PLANNING ISSUE	R02	R03	R05
REV	_DATE_	_DESCRIPTION_	REV	CHW	APP

FOR TECHNICAL APPROVAL

CLIENT: GLEESON HOMES

ARCHITECT: DESIGN BY POD

PROJECT:

TITLE: FLOOD EXCEEDANCE ROUTES

STATUS:	PROJECT No.	ORIGINATOR	PHASE	LEVEL	TYPE	ROLE	DRAWING No.	REV.
S2	23127 - GAD - 00 - 00 - DR - C - 1005							P09
SCALE @ A0: 1:500		DESIGNED: RB	DRAWN: RB		CHECKED: RG	APPROVED: MG		DATE: MAY 2023

GADSDEN CONSULTING
info@gadsdens.co.uk 01229 813333 www.gadsdens.co.uk