



PROPOSED FOUL PUMP STATION
RUNOFF TO BE COLLECTED BY FOUL
WATER SYSTEM

KEY	
	COMMERCIAL CATCHMENT (0.91ha) RUNOFF COEFFICIENT 1.0 (100%)
	HIGHWAY CATCHMENT (3.1ha) RUNOFF COEFFICIENT 1.0 (100%)
	PRIVATE DRIVE CATCHMENT (1.2ha) RUNOFF COEFFICIENT 1.0 (100%)
	LANDSCAPE CATCHMENT (4.6ha) RUNOFF COEFFICIENT 0.47 (47%)
	ATTENUATION BASIN CATCHMENT (0.81ha) RUNOFF COEFFICIENT 1.0 (100%)
	ROOF CATCHMENT (1.7ha) RUNOFF COEFFICIENT 1.0 (100%)
	SITE BOUNDARY
	1% AEP FLOOD EXTENT
	0.1% AEP FLOOD EXTENT

- NOTES**
- DO NOT SCALE FROM THIS DRAWING WORK FROM FIGURED DIMENSIONS ONLY.
 - ALL MEASUREMENTS SHOWN IN METERS UNLESS NOTED OTHERWISE.
 - TOTAL POSITIVELY DRAINED CATCHMENT - 12.32ha
 - 1 IN 100 YR ALLOWABLE DISCHARGE RATE 4 l/s/ha @ 12.32ha = 49.3 l/s.
 - LANDSCAPE RUNOFF COEFFICIENT BASED ON SPR INFORMATION FOR THE SITE.
 - WEIGHTED RUNOFF COEFFICIENT FOR THE SITE - 0.80 (80%).
 - ATTENUATION BASIN SIZES SUBJECT TO DETAILED DESIGN

NOT FOR CONSTRUCTION

P02	SUB-CATCHMENTS ADDED	MM	MM	JM	17/12/20	
REV	DESCRIPTION	DE	DR	CH	DATE	
DESIGNED BY	MM	DRAWN BY	MM	CHECKED BY	JM	
SCALE @ A1 SIZE	1:1000	DATE	04/12/2020			
PROJECT TITLE	GRASMERE GARDENS, CHESTFIELD, KENT					
DRAWING TITLE	CATCHMENT PLAN					
CLIENT	KITEWOOD ESTATES LTD					
 CANNON CONSULTING ENGINEERS Highways, Transport & Infrastructure Planning						
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DRAWING NUMBER	S102-PL-DR-206				REV.	P02

L15102 Grasmere Gardens, Chestfield, Kent3 PLANS/DRAWINGS/CURRENT DRGS/S102-PL-DR-206 SITE CATCHMENTS