



ISSUE PURPOSE	
●	PRELIMINARY
	COMMENT
	TENDER
	CONSTRUCTION
	INFORMATION

LEGEND	
—	EXISTING GENERALLY SHOWN IN GREY
—	SITE BOUNDARY
—	POTENTIAL FUTURE SURFACE WATER DRAINAGE
—	PROPOSED SURFACE WATER DRAINAGE TO BE CONSTRUCTED AS PART OF SPINE ROAD

- NOTES
- DO NOT SCALE.
 - THE OUTFALLS SHOWN ARE INDICATIVE ONLY.
 - THIS STRATEGY IS BASED ON THE INDICATIVE MASTERPLAN REFERENCE P20181-00-001-GIL-0101-00, TOPOGRAPHIC SURVEY COMPLETED BY IDOM MERE BROOK AND FEATURED ON DRAWINGS MER-00810-002-001 TO 007.
 - SURFACE WATER FROM THE SITE WILL BE DISCHARGED INTO AN EXISTING WATERCOURSE.
 - DRY BASINS ARE USED TO ATTENUATE FLOWS FROM THE SITE, REED BEDS WILL BE PROVIDED AT EACH OUTLET.
 - DRAINAGE CALCULATIONS SUMMARISED BELOW:
 - IT IS ASSUMED THAT 60% OF THE DEVELOPMENT PARCELS ARE HARD/POSITIVELY DRAINED.
 - MULTIPLE PONDS/OUTFALLS ARE USED. DISCHARGE IS RESTRICTED TO THE EQUIVALENT GREENFIELD RUNOFF RATE.
 - GREENFIELD RUNOFF HAS BEEN CALCULATED AT 3.6 l/s/ha.
 - ATTENUATION BASINS ARE SIZED TO ACCOMMODATE 1 IN 100 YEAR STORM EVENTS, PLUS 40% ALLOWANCE FOR CLIMATE CHANGE, DERIVED USING FEH INPUTS.
 - THE BASINS ARE TYPICALLY SHOWN WITH 1 IN 4 SIDE SLOPES. THE EXTENTS OF THE BASINS SHOULD BE CONSIDERED AS INDICATIVE ONLY AND WILL BE DEPENDANT UPON DETAILED DESIGN.

MASTER PLAN UPDATED	22/09/2021	E
	BMS JR MB	
DRAWING AMENDED TO SUIT CLIENT COMMENTS	20/09/2021	D
	SR JR MB	
DRAWING AMENDED TO SUIT CLIENT COMMENTS	17/09/2021	C
	SR JR MB	
UPDATED TO NEW MASTERPLAN AND DRAINAGE STRATEGY REVISED.	02-07-2021	B
	JB JR JR	
DRAINAGE STRATEGY UPDATED TO REFLECT PLANNING LAYOUT REFERENCE: MASTERPLAN 6 REV B MAY 2017	07-06-2017	A
	RH KN KN	
FIRST ISSUE	13-02-2017	-
	RH PRD KN	
Issue Details		Dwn Chd App'd

Client

DEVONSHIRE PROPERTIES

Project

MASTIN MOOR

Dwg Title

PROPOSED
SURFACE WATER DRAINAGE STRATEGY
PHASE 1 & 2

Job No.	Dwg No.	Revision
19412	200-002	E
Scale	Date	Frame Dimensions mm
1:1000	FEB 2017	(A1) 791 x 544
Drawn	Checked	Approved
RH	PRD	KN

London
Kent
Manchester
Stirling

IDOM

Cromford Mills, Mill Lane, Matlock, Derbyshire DE4 3RG
t: +44(0)1773 503 988 e: info.derbyshire@idom.com