

- Legend
- SITE BOUNDARY
 - 3m EASEMENT
 - SURFACE WATER DRAIN
 - FOUL WATER DRAIN
 - SURFACE WATER HEADWALL
 - SURFACE WATER FLOW CONTROL
 - FOUL RISING MAIN
 - SURFACE WATER LATERAL
 - FOUL WATER LATERAL

- NOTES
- DO NOT SCALE THIS DRAWING.
 - ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
 - THIS DRAWING IS BASED ON THE ARCHITECTS SITE LAYOUT AND TOPOGRAPHICAL SURVEY.
 - THE LOCATION OF ALL PROPOSED MANHOLES AND DRAINAGE NETWORKS ARE SHOWN FOR INDICATIVE PURPOSES ONLY AND MAY BE SUBJECT TO CHANGE.
 - THE SURFACE WATER STRATEGY CAN BE SUMMARISED AS FOLLOWS:
 - SURFACE WATER TO BE CONVEYED VIA A GRAVITY PIPED SYSTEM INCLUDING AN ATTENUATION BASIN AND FLOW CONTROL.
 - A FLOW CONTROL DEVICE WILL BE PROVIDED PRIOR TO DISCHARGE INTO THE EXISTING WATERCOURSE AND WILL RESTRICT THE FLOWRATE TO 30%.
 - THE MODEL DEMONSTRATES THAT THE ATTENUATION PROVIDED BY THE BASIN AND PIPE NETWORK WILL BE SUFFICIENT TO MANAGE RUNOFF GENERATED BY A 1 IN 100 YEARS + 40% (FOR CLIMATE CHANGE) STORM EVENT.
 - CONCRETE SURROUND TO BE PROVIDED TO PIPES WHERE MINIMUM COVER IS NOT REACHED.
 - LATERAL MANHOLES ARE TO BE PROVIDED BY THE DEVELOPER.

SUBJECT TO APPROVAL

WASHOUT AND PUMP STATION ADDED:	SNC	JR	MB	01-02-2023	T02
FOUL NETWORK DIAMETERS AMENDED:	SNC	JR	MB	10-02-2023	T01
EASEMENT SIDES AMENDED:	SNC	JR	MB	09-02-2023	T0
MANHOLE S43 UPDATED:	SNC	JR	MB	09-02-2023	T0
TENDER ISSUE: DRAINAGE LEVELS UPDATED:	SNC	JR	MB	10-01-2023	P7
LATERALS UPDATED:	SNC	JR	MB	09-01-2023	P6
RISING MAIN ROUTE UPDATED:	SNC	JR	MB	29-12-2022	P5
COVER LEVELS UPDATED:	SNC	JR	MB	07-12-2022	P4
AMENDED TO REVISED LANDSCAPE PLAN:	SNC	JR	MB	26-10-2022	P3
UPDATED TO REVISED PHASE 1 LAYOUT:	SNC	JR	MB	16-09-2022	P2
LATERAL MANHOLES REINSTATED:	SNC	JR	MB	13-09-2022	P1
SURFACE WATER LATERAL CONNECTION POINTS TABLE ADDED:	SNC	JR	MB	09-09-2022	P0
RISING MAIN ADDED:	SNC	JR	MB	09-09-2022	P0
FIRST ISSUE:	SNC	JR	MB	09-09-2022	P0
Issue Details:	Drawn	Checked	Approved		

DEVONSHIRE PROPERTIES

MASTIN MOOR

PHASE 1 ENABLING WORKS DRAINAGE

Drawn	Checked	Approved	MB
Scale	1:500	Date	SEPTEMBER 2022
Issue No.	22188-IML-PH1-XX-DR-D-0501	Revision	T02

ISSUE PURPOSE	Location	Start	End	City/County	Manchaster	Strling
PRELIMINARY						
COMMENT						
CONSTRUCTION						
INFORMATION						



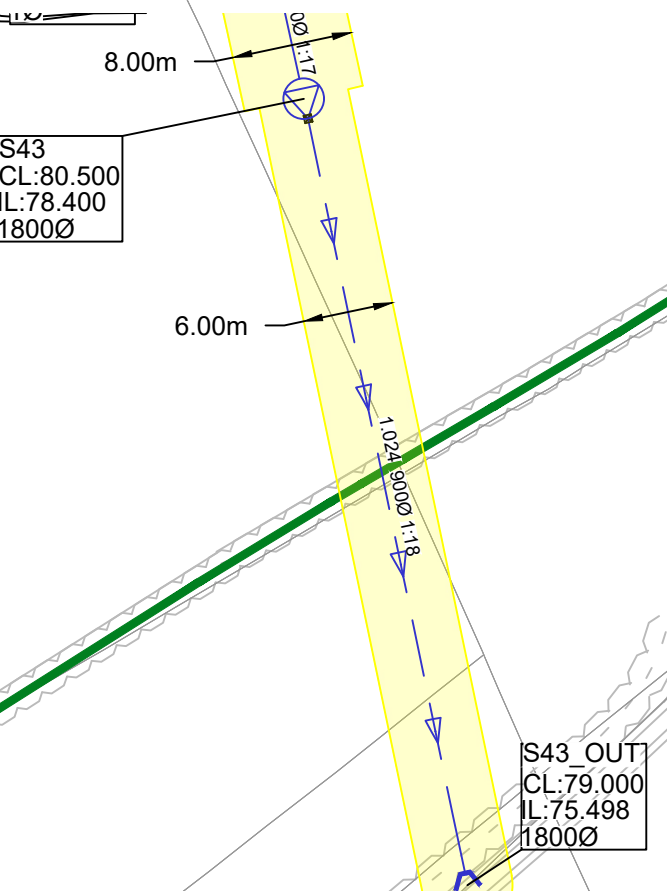
PHASE 1 CONNECTED IMPERMEABLE AREA ALLOWANCE	
MH REFERENCE	IMPERMEABLE AREA
S10a	0.187ha
S13	0.07ha
S16	0.135ha
S19	0.31ha
S20	0.07ha
S22	0.055ha
S24	0.22ha
S29	0.375ha
S33	0.075ha
S40	1.90ha

BASIN NOT OFFERED FOR ADOPTION

ATTENUATION BASIN
BASE IL 78.9 mAO
TWL 80.439 mAO
LOWEST BANK TOP LEVEL 80.800 mAO
REQUIRED VOLUME 4.265 m³
FREEBOARD: 361 mm

FLOW CONTROL
MAX FLOW 37.2 l/s
HYDRO-BRANE REF: CTL-SHE-0233-3000-1300-3000
DESIGN FLOW 30 l/s
DESIGN HEAD 1.3 m

INSET SHOWS OUTFALL INTO EXISTING WATERCOURSE



SCALE 1:500 (A0)

0 10 20 30 40 50m