



Unknown blockage or defects likely within downstream system from NBA36 to outfall at pond as water is backing up. Jetting & re-CCTV required as minimum. Risk item added to cost estimate for any further defects found. Further survey to be undertaken by Asset and provided for detailed design.

Notes:

1. Do not scale from drawing.
2. All dimensions in meters unless stated otherwise.
3. To be read in conjunction with the Remediation Schedule.
4. This drawing depicts the Preferred Option.
5. A drawing for the Reserve Option has not been produced but details can be found in the Remediation Schedule.
6. All drainage assets within scheme extents to be subject to a FADDS post-construction survey to HD43/04, SD15/03, IAN147/12 & ADMM v7 as outlined in EMAD Appendix 90/1.
7. Comms ducts to be installed at locations across the Ardley Roundabout circulatory to future proof the location for a potential capacity scheme involving traffic signals. Exact locations to be agreed with the appropriate HE Asset Manager at detailed design.

Key:

PIPE - CARRIER (From HADDMS Survey)	
PIPE - CARRIER (From original as-builts)	
PIPE - FILTER (From HADDMS Survey)	
PIPE - FILTER (From original as-builts)	
TANKER JET & RE-SURVEY DRAINAGE SYSTEM	
PIPE - NO WORKS REQUIRED	
PIPE - ROOT CUTTING	
PIPE - RE-LINING	
PIPE - EXCAVATE & REPLACE	
PIPE - PATCH REPAIR	
PIPE - LATERAL CUTTING	
GULLY - NO WORKS REQUIRED	
GULLY - DEEP CLEAN REQUIRED	
GULLY - WORKS REQUIRED	
CATCHPIT or MANHOLE (From original as-builts)	
CATCHPIT - NO WORKS REQUIRED	
CATCHPIT - DEEP CLEAN REQUIRED	
CATCHPIT - REPAIR REQUIRED (SEE ANNOTATION)	
MANHOLE - NO WORKS REQUIRED	
MANHOLE - REPAIR REQUIRED (SEE ANNOTATION)	
OUTLET - NO WORKS REQUIRED	
OUTLET - REPAIR REQUIRED (SEE ANNOTATION)	
INLET - NO WORKS REQUIRED	
INLET - WORKS REQUIRED (SEE ANNOTATION)	
OUTFALL - NO WORKS REQUIRED	
OUTFALL - WORKS REQUIRED (SEE ANNOTATION)	
RODDING EYE (From HADDMS Survey)	
RODDING EYE (From original as-builts)	
GHOST NODE	
PHANTOM NODE	
CONNECTOR NODE	
CONTINUOUS ITEM ANNOTATION:	
	PIPE TYPE (C-CARRIER, F-FILTER)
	DIAMETER (mm)
	MATERIAL
	PIPE LENGTH (m)
C300-C0-100.00	
FOOTWAY SURFACING IMPEDES WATER FLOW FROM EARTHWORKS INTO FILTER DRAIN	
RENEW NARROW FILTER DRAIN (NFD) IN ACCORDANCE WITH HCD F SERIES	

P1	LHJ	AP	AP	June 18	For VM
Rev	By	Chk	App	Date	Description

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PRELIMINARY

Project
A43 Ardley Roundabout Drainage

Drawing
Value Management Preferred Option

Project Ref
569242

Drawn	: LHJ	Date:	April 2018
Designed	: LHJ	Date:	April 2018
Checked	: AP	Date:	June 2018
Approved	: AP	Date:	June 2018
Drawing Scale:	1:500	Sheet Size	A1

DO NOT SCALE FROM DRAWING				Revision			
Drawing No.	PIN	Originator	Volume	Location	Type	Role	Number
569242	- HE	- HDG	- A43	ARDLEY	- DE	- C	- 503