



FAO :-

Ref :-

Further to us attending the above property on 27th January & Tuesday 4th February 2020, we can confirm our findings below :-

Surface water System

The Surface water system (SWS), at the South end of the site, was found to run from the junction of Lidgett Close and Grosvenor road, MH03, to the West and into MH04 and then flow in a southerly direction down Trafford Drive. See marked up plan attached.

This section was in a good condition, of 225mm diameter pipes and at a depth of 1400mm to the invert of MH03. Chamber inspection report attached along with the drainage report for the incoming and outgoing pipes.

This could present an opportunity to make a further surface water connection into, subject to the relevant approvals being obtained.

The SWS at the North West of the site was found to be located in the front garden of No.53, MH01, and was showing signs of neglect. We jetted the lines coming into MH01 to try and obtain CCTV footage but all lines are surcharged and require a full cleanse from UU. MH01 was also found to have a substantial amount of slit/soil in the bottom but we did manage to find the incoming assets x2 and outgoing asset x 1. These were all 150mm in diameter and between 1850mm & 1900mm deep to invert in MH01.

The SW is flowing into MH01 from a South Easterly direction on Trafford drive, 150mm and then flows out in a South Westerly direction along Trafford drive, 150mm.

This MH01 does have a potential inlet of 150mm at the North Easterly side which could potentially take the SWS from the proposed new site.

See attached plans and reports for full details.

Foul Water System.

The Foul water system runs along the rear of the properties 57-79 on Trafford Drive in a South Easterly direction, a 150mm asset and drops into a buried MH with a backdrop, in the rear of property No 79. We have not been able to unearth this MH in No.79, but the houseowner assures us that it is there but buried under around 600mm of soil. No inspection of this chamber has therefore taken place.

We then cross Grosvenor road and find a MH-C at approx 55m from Grosvenor Road, on Lidgett Close. This manhole is 3700mm deep to invert and has a 150mm line running through it, flowing in a Southerly direction. Chamber Inspection report attached.

We managed to CCTV survey 44m upstream towards the buried manhole in the rear of No79, but could progress no further due to a build up of either concrete or scale of 40%, which the camera would not pass. We managed to get a depth at the blockage of 2800mm, using our Sonde.

43 High Street, Uppermill, Oldham, Greater Manchester. OL3 6HS.

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Company Registration No : 10872764.



Conclusion.

There is a section of pipe un-surveyed between the blockage and the buried manhole in the rear of No79 which we have no access to. This is the section of the asset where the new connection will be made by installing a new Manhole, but we know it is 2800mm deep around 12m away and we have a sight line to the buried manhole so locating the asset in the road should be straightforward as the dig will be a substantial size and depth.

The only way to confirm accurate depths will be to either clear the concrete blockage and survey upstream or unearth the buried manhole in the rear of No79 and survey downstream.

Should you require any further information or clarification then please feel free to contact us.

Many Thanks,

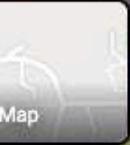


MH01 - Washed down.
Lines found and MH
good to connect into.
MH 1.9m deep

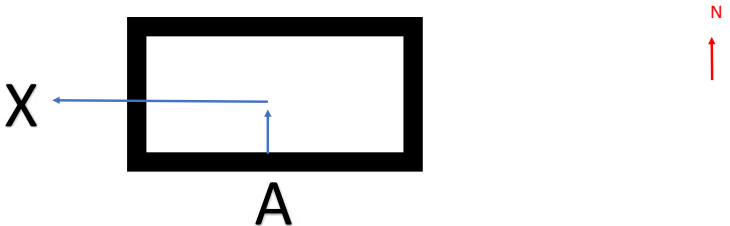
MH02 - Full of water,
blockage downstream
of this. Garden of 38.

MH04 - Lifted
& Surveyed

MH03 - Surveys completed in both
directions proving connectivity



Google

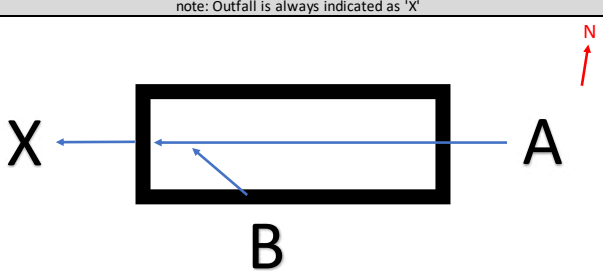
Contractor	FTDS Ltd	Sketch (Indicating chamber & track locations, incoming & outgoing pipes, station names). Please note: Outfall is always indicated as 'X'																																
Contractors Inspector	Leon Schofield																																	
Date	04.02.2020																																	
Location	Trafford Drive.																																	
Asset Reference	MH03																																	
Asset location	JCT of Grosvenor Rd & Lidgett Close																																	
Asset Type (manhole, catchpit, bailing pit, other)	Manhole																																	
Inspection Completed	<input checked="" type="checkbox"/> YES																																	
Wet Beds, signs of flooding	<input type="checkbox"/> NO	Chamber Construction - Brick, Concrete, GRP, Other (Please State)	Brick																															
Cover Obstructed	<input type="checkbox"/> NO	Cover Material - GRP, Metal, Concrete, Other (Please State)	Metal																															
Correct Asset Plate	<input type="checkbox"/> N/A	If cover is metal, is it within 250mm of current rail ?	N/A																															
Gas Monitor Triggered	<input type="checkbox"/> NO	Cover type - Solid, Grille, Mesh, Other (Please State)	Solid																															
Step Irons, Access ladder	<input checked="" type="checkbox"/> YES	Please list any defects below																																
Chamber Cleaning Required	<input type="checkbox"/> NO																																	
Covers Require Replacing	<input type="checkbox"/> NO																																	
Top Ring Damaged	<input type="checkbox"/> NO																																	
Chamber Surcharged	<input type="checkbox"/> NO																																	
Internal chamber Size	mm	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Pipe Ref(From sketch)</th> <th>Invert Level</th> <th>Pipe Diameter</th> <th>Material</th> <th>Shape</th> </tr> </thead> <tbody> <tr> <td>A</td> <td style="text-align: center;">1400</td> <td style="text-align: center;">225</td> <td style="text-align: center;">VC</td> <td style="text-align: center;">Circular</td> </tr> <tr> <td>B</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>C</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>D</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>X</td> <td style="text-align: center;">1450</td> <td style="text-align: center;">225</td> <td style="text-align: center;">VC</td> <td style="text-align: center;">Circular</td> </tr> </tbody> </table>			Pipe Ref(From sketch)	Invert Level	Pipe Diameter	Material	Shape	A	1400	225	VC	Circular	B					C					D					X	1450	225	VC	Circular
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X	1450	225	VC	Circular																														
Length	600																																	
Width	600																																	
Depth (Top of cover to invert)	1450																																	
Level of Water	50																																	
Level Of Silt	0																																	

Photograph 1



Photograph 2



Contractor	FTDS Ltd	Sketch (Indicating chamber & track locations, incoming & outgoing pipes, station names). Please note: Outfall is always indicated as 'X' 
Contractors Inspector	Leon Schofield	
Date	04.02.2020	
Location	Trafford Drive.	
Asset Reference	MH01	
Asset location	Front garden of No.53.	
Asset Type (manhole, catchpit, bailing pit, other)	Manhole	
Inspection Completed	<input checked="" type="checkbox"/> YES	

Wet Beds, signs of flooding	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Chamber Construction - Brick, Concrete, GRP, Other (Please State)	<input type="checkbox"/> Brick
Cover Obstructed	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Cover Material - GRP, Metal, Concrete, Other (Please State)	<input type="checkbox"/> Metal
Correct Asset Plate	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	If Cover is metal, is it within 250mm of current rail ?	<input checked="" type="checkbox"/> N/A
Gas Monitor Triggered	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cover type - Solid, Grille, Mesh, Other (Please State)	<input type="checkbox"/> Solid
Step Irons, Access ladder	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Please list any defects below	
Chamber Cleaning Required	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Manhole had to be dug up to gain access to chamber due to lid rusting onto frame.	
Covers Require Replacing	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Top Ring Damaged	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Chamber Surcharged	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		

Internal chamber Size	mm
Length	600
Width	600
Depth (Top of cover to invert)	1900
Level of Water	300
Level Of Silt	300

Pipe Ref (From sketch)	Invert Level	Pipe Diameter	Material	Shape
A	1850	150mm	VC	Circular
B	1860	150mm	VC	Circular
C				
D				
X	1900	150	VC	Circular

Photograph 1



Photograph 2



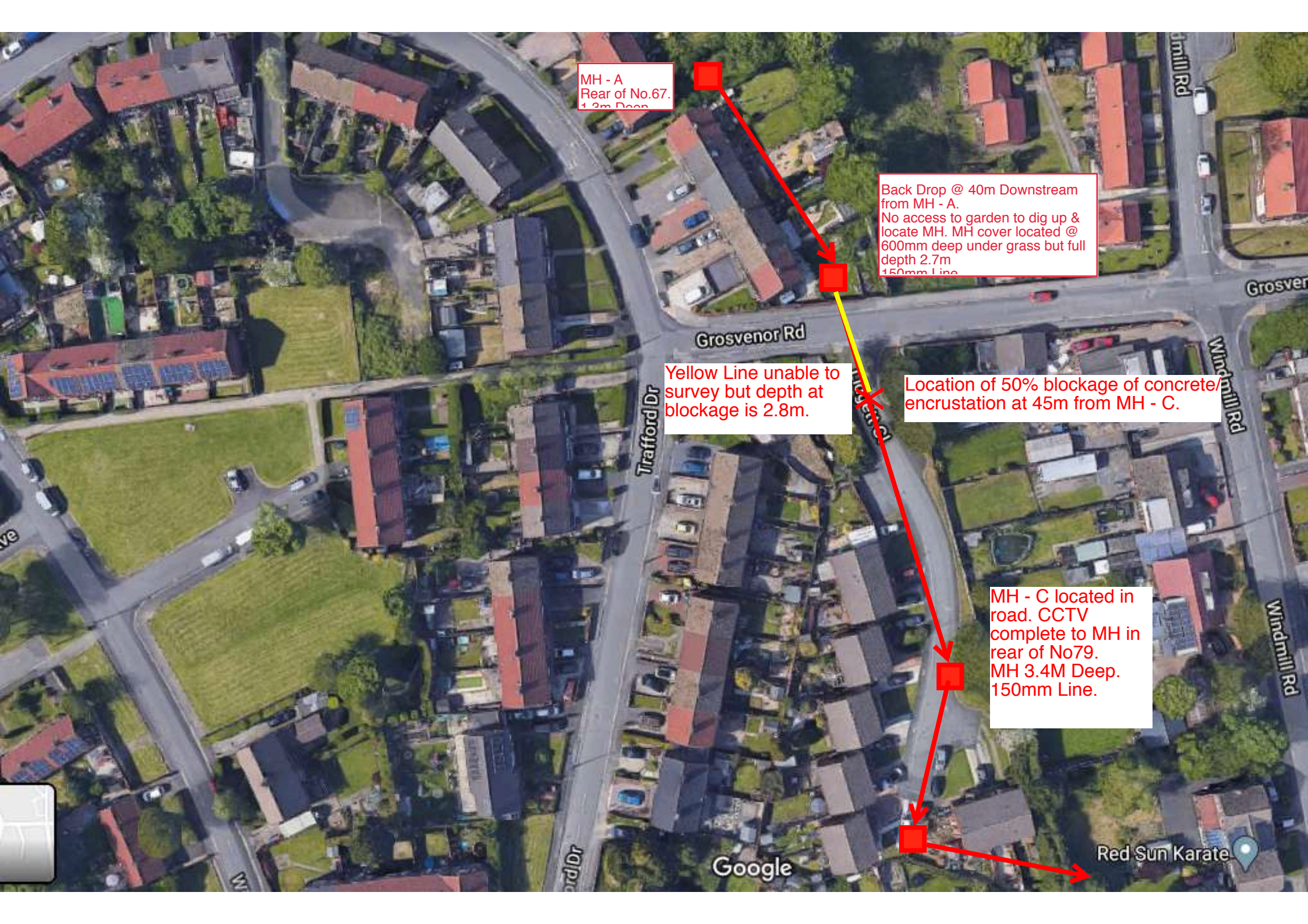
MH - A
Rear of No.67.
1.2m Deep

Back Drop @ 40m Downstream
from MH - A.
No access to garden to dig up &
locate MH. MH cover located @
600mm deep under grass but full
depth 2.7m
150mm Line

Yellow Line unable to
survey but depth at
blockage is 2.8m.

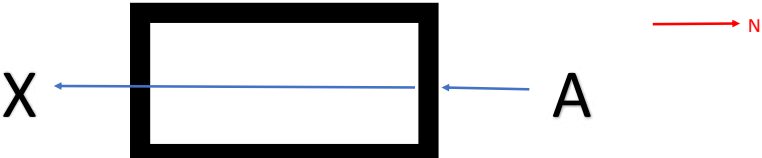
Location of 50% blockage of concrete/
encrustation at 45m from MH - C.

MH - C located in
road. CCTV
complete to MH in
rear of No79.
MH 3.4M Deep.
150mm Line.



Google

Red Sun Karate

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Correct Asset Plate	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	If Cover is metal, is it within 250mm of current rail ?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																														
Gas Monitor Triggered	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cover type - Solid, Grille, Mesh, Other (Please State)	<input type="checkbox"/> Solid																														
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Photograph 2

