



InSewer Surveys
for CCTV, Sewer Location
and Repair

Manhole Data Sheets

MANHOLE DETAIL CARD

SURVEY DATE 10/07/2012 MH No. IC1

LOCATION 12 Provost Road
Camden

CITY/TOWN London COUNTY

COVER LEVEL m POST CODE NW3 4ST

INVERT LEVEL m

COVER			CHAMBER		
SHAPE		CONDITION	MATERIAL		CONDITION
Size 470X630			Size 470X630		
Circular		Good x	Pre-cast Conc.	Good	X
D.Triangular		Worn	Brickwork	X	Fair
Square		Rocking	Insitu-Conc.		Poor
Rectangular	x	Broken	Bolted Segs.		V. Poor
Other		Other	Other		Details
Surface		Foul x			

Ladders	Good		Worn		Missing		Not Fitted	x
Step Irons	Good		Worn		Missing		Not Fitted	x

PIPES

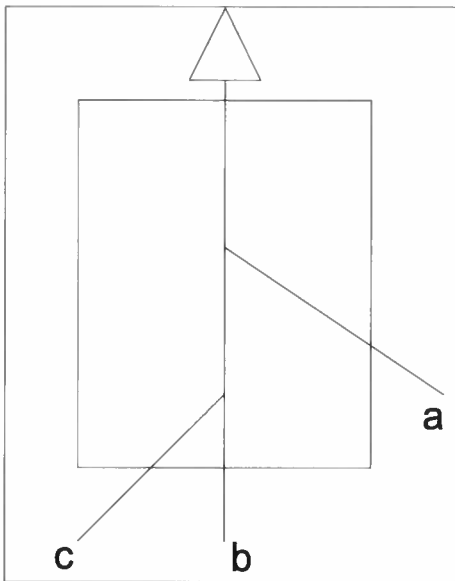
INCOMING PIPES

Pipe	Shape	Diameter	Size mm	Material	Back drop	Size mm	Depth m
A	c	100		Vc			0.34
B	c	100		Vc			0.40
C	c	100		Vc			0.34
D							
E							
F							
G							
H							
I							
J							

OUTGOING PIPES

X	c	100		Ci			0.42
Y							
Z							

MANHOLE SKETCH



MANHOLE DETAIL CARD

SURVEY DATE 10/07/2012 MH No. IC2

LOCATION 12 Provost Road
Camden

CITY/TOWN London COUNTY

COVER LEVEL m POST CODE NW3 4ST

INVERT LEVEL m

COVER			CHAMBER		
SHAPE		CONDITION	MATERIAL		CONDITION
Size 470X630			Size 470X630		
Circular		Good x	Pre-cast Conc.	Good	x
D.Triangular		Worn	Brickwork	x	Fair
Square		Rocking	Insitu-Conc.		Poor
Rectangular	x	Broken	Bolted Segs.		V. Poor
Other		Other	Other		Details
Surface		Foul x			

Ladders	Good		Worn		Missing		Not Fitted	x
Step Irons	Good		Worn		Missing		Not Fitted	x

PIPES

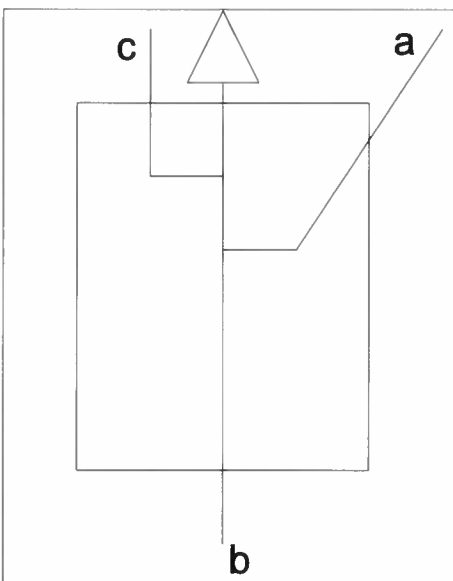
INCOMING PIPES

Pipe	Shape	Diameter	Size mm	Material	Back drop	Size mm	Depth m
A	c	100		Vc			0.63
B	c	100		Ci			0.77
C	c	100		Vc			0.70
D							
E							
F							
G							
H							
I							
J							

OUTGOING PIPES

X	c	100		Vc			0.81
Y							
Z							

MANHOLE SKETCH



MANHOLE DETAIL CARD

SURVEY DATE 10/07/2012 MH No. IC3

LOCATION 12 Provost Road
Camden

CITY/TOWN London COUNTY

COVER LEVEL m POST CODE NW3 4ST

INVERT LEVEL m

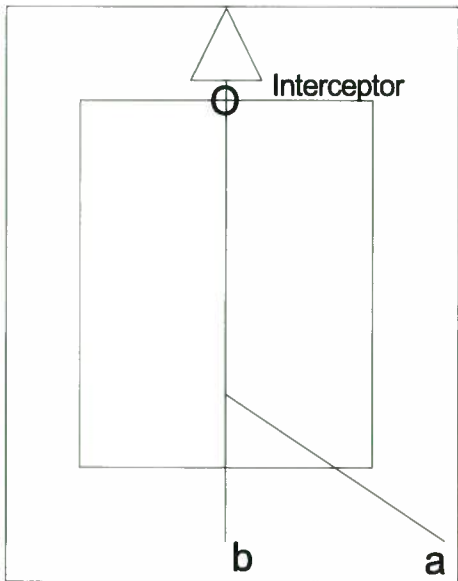
COVER				CHAMBER			
SHAPE		CONDITION		MATERIAL		CONDITION	
Size 500X800				Size 525X825			
Circular		Good	x	Pre-cast Conc.		Good	X
D.Triangular		Worn		Brickwork	X	Fair	
Square		Rocking		Insitu-Conc.		Poor	
Rectangular	x	Broken		Bolted Segs.		V. Poor	
Other		Other		Other		Details	
Surface		Foul	x				

Ladders	Good		Worn		Missing		Not Fitted	
Step Irons	Good		Worn	x	Missing	x	Not Fitted	

PIPES MANHOLE SKETCH

INCOMING PIPES							
Pipe	Shape	Diameter	Size mm	Material	Back drop	Size mm	Depth m
A	c	100		Vc			2.40
B	c	150		Ci			2.53
C							
D							
E							
F							
G							
H							
I							
J							

OUTGOING PIPES							
X	c	150		Vc			2.56
Y							
Z							



InSewer Surveys
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Site Photos



IC01.JPG



IC02.JPG



IC03.JPG



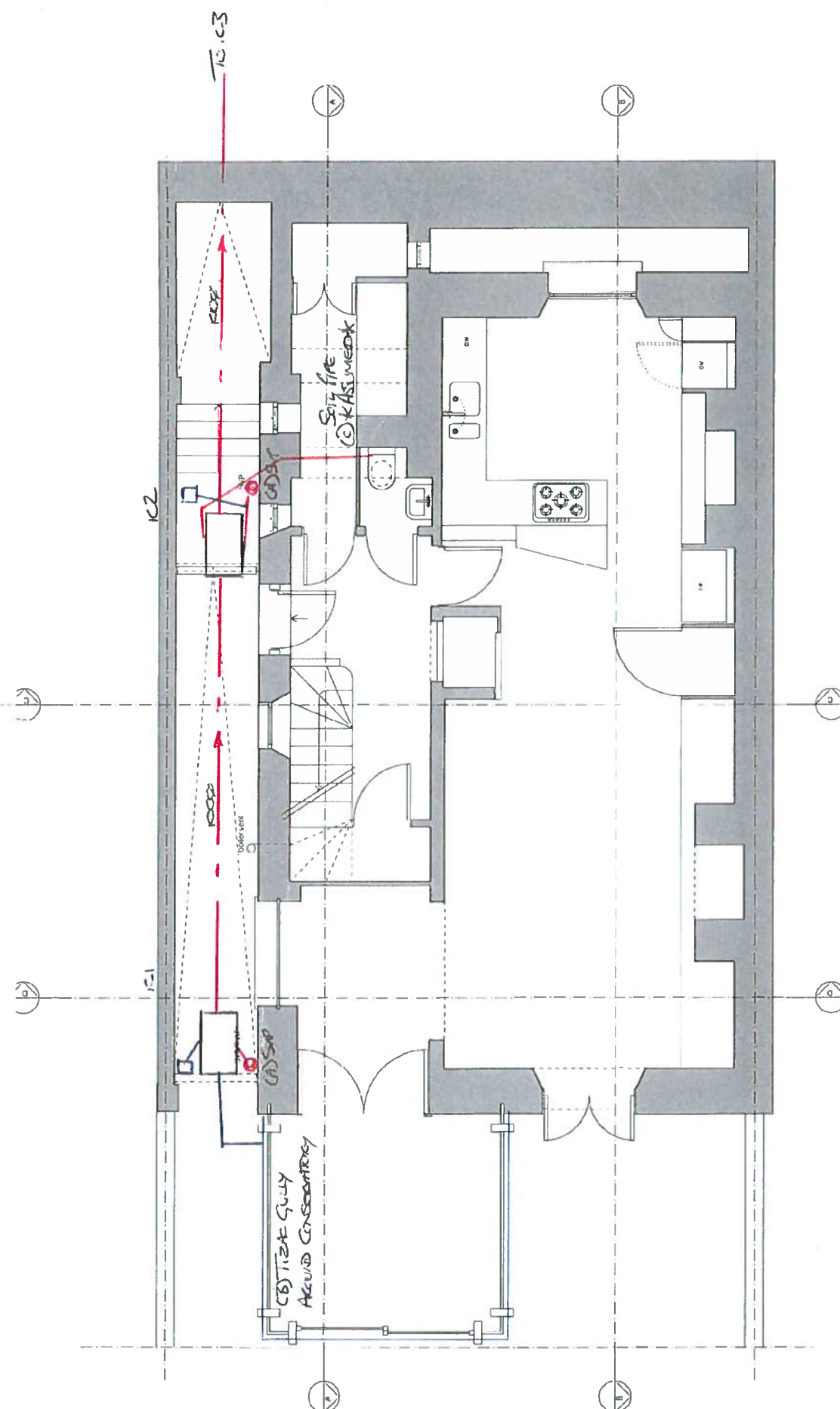
rear overview.JPG



side overview.JPG



front overview.JPG



12 PROVOST ROAD

Existing Lower Ground Floor

PMA 161 EX00 /

NW3 4ST

TC PM

Mar 2012

Pre-Planning

1500 A3

1250 A3

Not for construction

Paul McAneary Architects Ltd

11 Fleet Street

London WC2E 7BA

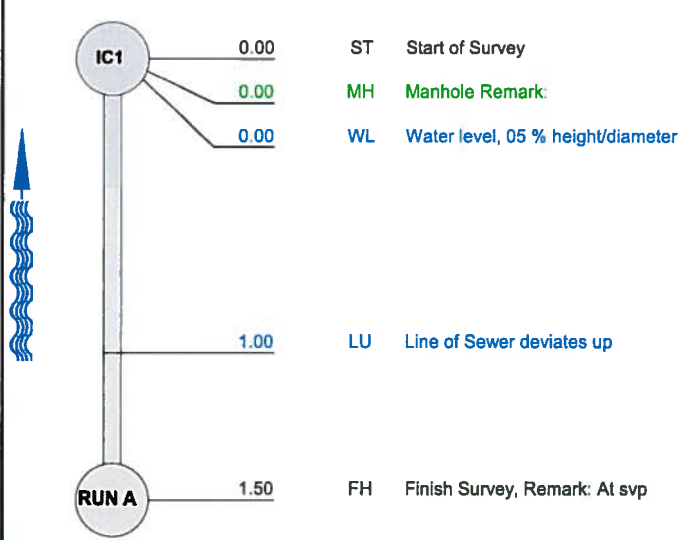
T +44 20 72 400 808

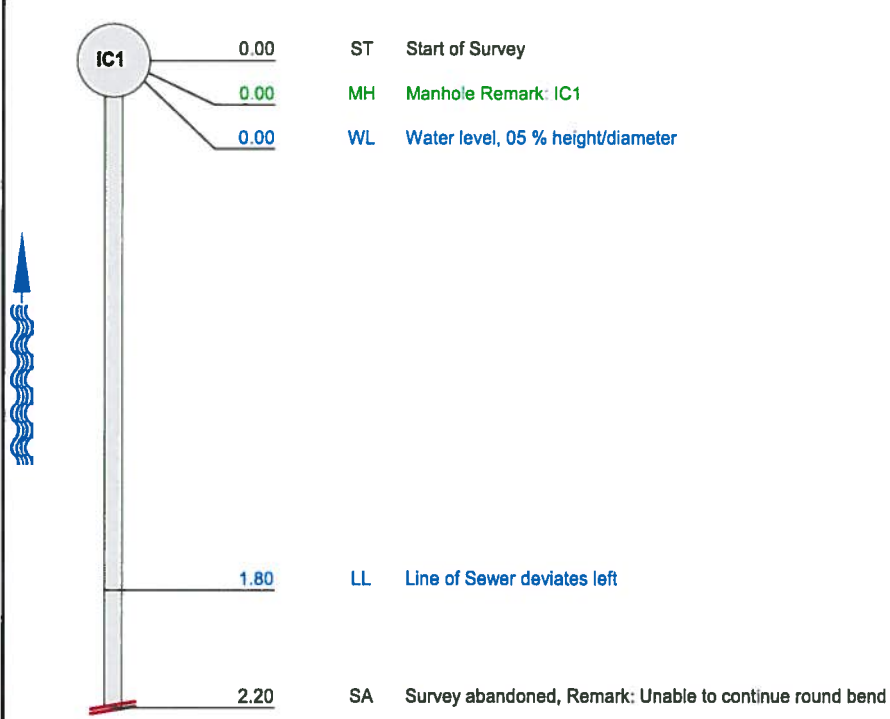
www.paulmcaneary.com

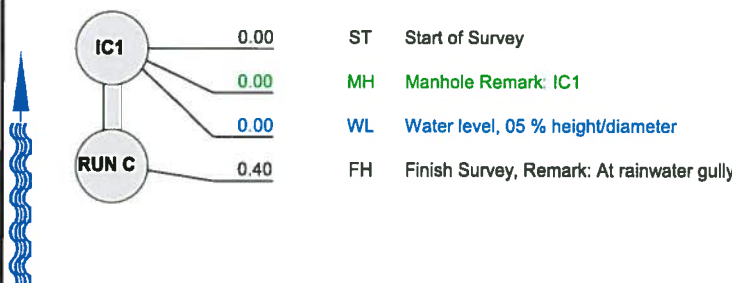


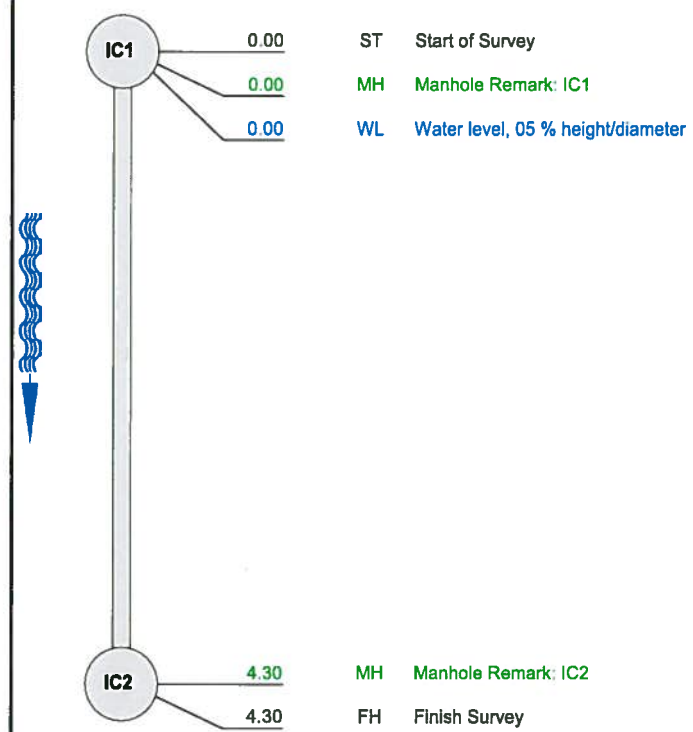
InSewer Surveys
for CCTV, Sewer Location
and Repair

CCTV Survey Report

Colin Toms & Partners		INSEWER SURVEYS LORDSWOOD INDUSTRIAL ESTATE CHATHAM, KENT ME5 8UD Tel: 01634 861 768, Fax: 01634 201 376			
Inspection report					
Date: 10/07/2012	Job N°: TV120715	Weather: Dry	Operator: InSewer TS	section number: 1	PLR: RUN A X
Present:	Vehicle:	Camera:	Preset:	Cleaned: No	Grade:
Road: 12 PROVOST ROAD	Division:	start MH: IC1		end MH: RUN A	
Place: CAMDEN	District:	end MH: RUN A		Total length: 1.5 m	
Location:	Tape No.: 00001	Total length: 1.5 m			
Purpose: Condition & location	Shape/Size: Circular 100	Material: Vitrified clay Pipe length:			
Use: Foul	Lining:	Category:			
Catchment:					
Comment:					
Location details:					
1:25 position code observation					
Depth: 0.34					
					
0.00 ST Start of Survey					
0.00 MH Manhole Remark:					
0.00 WL Water level, 05 % heigh/diameter					
1.00 LU Line of Sewer deviates up					
1.50 FH Finish Survey, Remark: At svp					
Structural Defects		Constructional Features			
Service Defects		Miscellaneous Features			

Colin Toms & Partners		INSEWER SURVEYS LORDSWOOD INDUSTRIAL ESTATE CHATHAM, KENT ME5 8UD Tel: 01634 861 768, Fax: 01634 201 376			
Inspection report					
Date: 10/07/2012	Job N°: TV120715	Weather: Dry	Operator: InSewer TS	section number: 2	PLR: RUN B X
Present:	Vehicle:	Camera:	Preset:	Cleaned: No	Grade:
Road: 12 PROVOST ROAD	Division:	start MH: IC1		end MH: RUN B	
Place: CAMDEN	District:	end MH: RUN B		Total length: 2.3 m	
Location:	Tape No.: 00002	Total length: 2.3 m			
Purpose: Condition & location	Shape/Size: Circular 100	Material: Vitrified clay Pipe length:			
Use: Surface water	Lining:	Category:			
Catchment:					
Comment:					
Location details:					
1:25 position code observation					
Depth: 0.40					
					
0.00 ST Start of Survey					
0.00 MH Manhole Remark: IC1					
0.00 WL Water level, 05 % heigh/diameter					
1.80 LL Line of Sewer deviates left					
2.20 SA Survey abandoned, Remark: Unable to continue round bend					
Structural Defects		Constructional Features			
Service Defects		Miscellaneous Features			

Colin Toms & Partners		INSEWER SURVEYS LORDSWOOD INDUSTRIAL ESTATE CHATHAM, KENT ME5 8UD Tel: 01634 861 768, Fax: 01634 201 376			
Inspection report					
Date: 10/07/2012	Job N°: TV120715	Weather: Dry	Operator: InSewer TS	section number: 3	PLR: RUN C X
Present:	Vehicle:	Camera:	Preset:	Cleaned: No	Grade:
Road: 12 PROVOST ROAD	Division:	start MH: IC1		end MH: RUN C	
Place: CAMDEN	District:	end MH: RUN C		Total length: 0.4 m	
Location:	Tape No.: 00003	Total length: 0.4 m			
Purpose: Condition & location	Shape/Size: Circular 100	Material: Vitrified clay Pipe length:			
Use: Surface water	Lining:	Category:			
Catchment:					
Comment:					
Location details:					
1:25 position code observation					
Depth: 0.34					
					
IC1 0.00 ST Start of Survey					
0.00 MH Manhole Remark: IC1					
0.00 WL Water level, 05 % height/diameter					
0.40 FH Finish Survey, Remark: At rainwater gully					
Structural Defects			Constructional Features		
Service Defects			Miscellaneous Features		

Colin Toms & Partners		INSEWER SURVEYS LORDSWOOD INDUSTRIAL ESTATE CHATHAM, KENT ME5 8UD Tel: 01634 861 768, Fax: 01634 201 376			
Inspection report					
Date: 10/07/2012	Job N°: TV120715	Weather: Dry	Operator: InSewer TS	section number: 4	PLR: IC1 X
Present:	Vehicle:	Camera:	Preset:	Cleaned: No	Grade:
Road: 12 PROVOST ROAD	Division:	start MH: IC1		end MH: IC2	
Place: CAMDEN	District:	end MH: IC2		Total length: 4.3 m	
Location:	Tape No.: 00004	Total length: 4.3 m			
Purpose: Condition & location	Shape/Size: Circular 100	Material: Cast iron Pipe length:			
Use: Surface water	Lining:	Category:			
Catchment:					
Comment:					
Location details:					
1:50 position code observation					
Depth: 0.47					
					
IC1 0.00 ST Start of Survey					
0.00 MH Manhole Remark: IC1					
0.00 WL Water level, 05 % height/diameter					
4.30 MH Manhole Remark: IC2					
4.30 FH Finish Survey					
Depth: 0.77					
Structural Defects			Constructional Features		
Service Defects			Miscellaneous Features		

Colin Toms & Partners		INSEWER SURVEYS LORDSWOOD INDUSTRIAL ESTATE CHATHAM, KENT ME5 8UD Tel: 01634 861 768, Fax: 01634 201 376			
Inspection report					
Date: 10/07/2012	Job N°: TV120715	Weather: Dry	Operator: InSewer TS	section number: 5	PLR: IC2 X
Present:	Vehicle:	Camera:	Preset:	Cleaned: No	Grade:
Road: 12 PROVOST ROAD	Division:	start MH: IC2		end MH: IC3	
Place: CAMDEN	District:	Total length: 5.2 m			
Location:	Tape No.: 00005				
Purpose: Condition & location	Shape/Size: Circular 100	Material: Cast iron Pipe length:			
Use: Surface water	Lining:	Category:			
Catchment:					
Comment:					
Location details:					
1:50	position	code	observation		
Depth: 0.81					
IC2	0.00	ST	Start of Survey		
	0.00	MH	Manhole Remark: IC2		
	0.00	WL	Water level, 05 % height/diameter		
	1.20	S1	EM Encrustation medium, from 04 to 08 o'clock, 10% cross-sectional area loss, Start		
	2.90	F1	EM Encrustation medium, from 04 to 08 o'clock, 10% cross-sectional area loss, Finish		
	5.00	DC	Dimension of sewer changes, new dimension dia 150 mm		
IC3	5.20	MH	Manhole Remark: IC3		
	5.20	FH	Finish Survey		
Depth: 2.53					
Structural Defects			Constructional Features		
Service Defects			Miscellaneous Features		

Colin Toms & Partners		INSEWER SURVEYS LORDSWOOD INDUSTRIAL ESTATE CHATHAM, KENT ME5 8UD Tel: 01634 861 768, Fax: 01634 201 376			
Inspection photos					
Place: CAMDEN	Road: 12 PROVOST ROAD	Date: 10/07/2012	section number: 5	PLR: IC2 X	
					

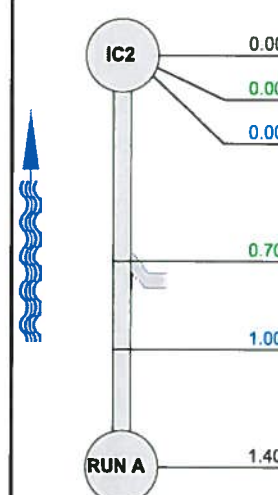
Inspection report

Date: 10/07/2012	Job N°: TV120715	Weather: Dry	Operator: InSewer TS	section number: 6	PLR: RUN A X
Present:	Vehicle:	Camera:	Preset:	Cleaned: No	Grade:

Road: 12 PROVOST ROAD	Division:	start MH: IC2
Place: CAMDEN	District:	end MH: RUN A
Location:	Tape No.: 00006	Total length: 1.4 m

Purpose: Condition & location	Shape/Size: Circular 100
Use: Combined	Material: Vitrified clay Pipe length:
Catchment:	Lining:
	Category:

Comment:
Location details:

1:25	position	code	observation
Depth: 0.63			
	0.00	ST	Start of Survey
	0.00	MH	Manhole Remark: IC2
	0.00	WL	Water level, 05 % height/diameter
	0.70	JN	Junction at 10 o'clock, dia 100 mm
	1.00	LU	Line of Sewer deviates up
	1.40	FH	Finish Survey, Remark: At soil pipe

Structural Defects	Constructional Features
Service Defects	Miscellaneous Features

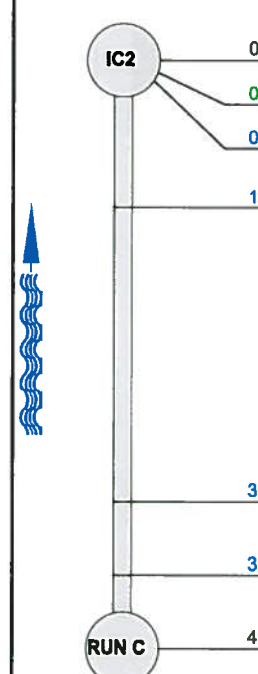
Inspection report

Date: 10/07/2012	Job N°: TV120715	Weather: Dry	Operator: InSewer TS	section number: 7	PLR: RUN C X
Present:	Vehicle:	Camera:	Preset:	Cleaned: No	Grade:

Road: 12 PROVOST ROAD	Division:	start MH: IC2
Place: CAMDEN	District:	end MH: RUN C
Location:	Tape No.: 00007	Total length: 4 m

Purpose: Condition & location	Shape/Size: Circular 100
Use: Foul	Material: Vitrified clay Pipe length:
Catchment:	Lining:
	Category:

Comment:
Location details:

1:50	position	code	observation
Depth: 0.70			
	0.00	ST	Start of Survey
	0.00	MH	Manhole Remark: IC2
	0.00	WL	Water level, 05 % height/diameter
	1.00	LR	Line of Sewer deviates right
	3.00	LR	Line of Sewer deviates right
	3.50	LU	Line of Sewer deviates up
	4.00	FH	Finish Survey, Remark: At soil pipe

Structural Defects	Constructional Features
Service Defects	Miscellaneous Features

Colin Toms & Partners		INSEWER SURVEYS LORDSWOOD INDUSTRIAL ESTATE CHATHAM, KENT ME5 8UD Tel: 01634 861 768, Fax: 01634 201 376			
Inspection report					
Date: 10/07/2012	Job N°: TV120715	Weather: Dry	Operator: InSewer TS	section number: 9	PLR: IC3 X
Present:	Vehicle:	Camera:	Preset:	Cleaned: No	Grade:
Road: 12 PROVOST ROAD	Division:	start MH: IC3		end MH: RUN X	
Place: CAMDEN	District:	Total length: 8.2 m			
Location:	Tape No.: 00009				
Purpose: Use: Catchment:	Condition & location Combined	Shape/Size: Material: Lining: Category:	Circular 150 Vitrified clay Pipe length:		
Comment:					
Location details:					
1:75 position code observation					
Depth: 2.56					
Structural Defects					
Service Defects					
Constructional Features					
Miscellaneous Features					

Colin Toms & Partners		INSEWER SURVEYS LORDSWOOD INDUSTRIAL ESTATE CHATHAM, KENT ME5 8UD Tel: 01634 861 768, Fax: 01634 201 376			
Inspection photos					
Place: CAMDEN	Road: 12 PROVOST ROAD	Date: 10/07/2012	section number: 9	PLR: IC3 X	
Photo 3, Tape No.: 00009, 00:00:32 1.8m, Joint displaced. Medium					
Photo 4, Tape No.: 00009, 00:00:58 3.2m, Fine Roots at joint					
Photo 5, Tape No.: 00009, 00:01:49 7.1m, Circumferential Crack at joint, from 07 to 05 o'clock					
Photo 6, Tape No.: 00009, 00:02:08 7.4m, Circumferential Fracture at joint, from 10 to 04 o'clock					

Our Services

- *CCTV Surveys*
- *Sewer Location*
- *Topographical Surveys*
- *Tanker Jetting*
- *High Pressure Jetting*
- *Cesspool Emptying*
- *Interceptors*
- *Root & Scale Cutting*
- *Pipe Lining*
- *Trenchless Technology*
- *Minor Civils & Groundworks*
- *Drain Repairs*

InSewer Surveys

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Web: *www.insewer.co.uk*

Address: *16a Lordswood Industrial Estate, Revenge Road
Chatham, Kent ME5 8UD*



*Sewer Inspection,
Cleaning and Repair*