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LAYER SURVEYS LTD
SEE THE COMPLETE PICTURE

Layer Surveys Ltd Manhole Survey Card

Card No	06	Map No	
Catchment		MH No	1703
Location	PENNINGTON ST		
Town	MANCHESTER		

★			★		★			
P.U	Status		Syphon	C	Function	MH	MH Type	17.01.25	Date of Survey

COVER DETAILS

X Square ☐ Rectangle ☐ Triangle ☐ Dbl Triangle ☐ Circular ☐ Oval ☐ Other ☐ Multiple ☐ Hinged ☐ Lockable

Cover Level ____ m H / M / L Cover Duty ★ H Initials S.H

PIPE DETAILS

Incoming Pipes (Clockwise from pipe X)

Pipe	Depth from Invert (m)	Upstream / Downstream MH Ref	Shape	Size (mm) Height		Width	Pipe Mat	Lining Mat	Back Drop Dia (mm)	Back Drop Depth (m)
A	1.25	A	C	300	X		VC			
B					X					
C					X					
D					X					
E					X					
F					X					

Outgoing Pipes

X	1.26	1702	C	300	X		VC			
Y					X					

Cover Opening at narrowest	455.00 mm	Chamber Dimension	620 mm	Evidence of Surcharge	
Shaft at narrowest	450.00 mm	Shaft Depth (from CL)	370 mm	OX / H2S / METH Toxic atmosphere	

MANHOLE CONSTRUCTION DETAILS

☐ Pre Cast Concrete ☐ In Situ Concrete X Brick ☐ GRP ☐ Arch ☐ Corbel ☐ Taper ☐ Side Entry

☐ Reducing Slab ☐ Segments ☐ No. of Landings 1 No. of Step Irons ☐ No. of Ladders

1 No. of Regulating Brick Courses

CONDITION INFORMATION (specific in remark)

	Cover	Shaft	Irons / Ladders	Chamber	Benching	Channel
OK	X	X	X	X	X	X
Needs attention						
Urgent attention						

Depth of Flow ____ mm Depth of Silt ____ mm Height of Surcharge from CL ____ mm

REMARKS

★ *See Overleaf for Key*

LOCATION SKETCH

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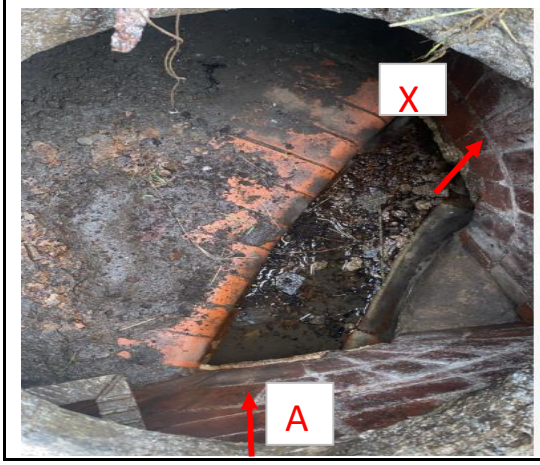
PLAN OF MANHOLE



STATUS	PU : Public	PR : Private	WC : Culverted Watercourse	} Applies to main outlet
	24 : Section 24	HD : Highway Drain		
FUNCTION	F : Foul	C : Combined	S : Surface Water	} Applies to main outlet
MANHOLE TYPE	IF : Infall	MH : Manhole	CP : Catchpit	CSO :Consented Sewer Overflow
	LH : Lamphole	RE : Rodding Eye	SO : Storm Overflow	DS :Dual system Manhole
	GU : Gully	OF : Outfall	SA : Soakaway	PS :Pumping Station
COVER DUTY	L : Light Duty	M : Medium Duty	H : Heavy Duty	
SHAPE	C : Circular	E : Egg	R : Rectangular	
	S : Square	T : Trapezoidal	A : Arched	
	B : Barrel	H : Horseshoe (Inverted U)	U : U-shaped with flat top	
	X : Other (state in words)			
PIPE (OR LINING) MATERIAL	AK : Alkathene	AC : Asbestos Cement	BR : Brick	
	CI : Cast Iron	SI : Spun (Grey) Iron	CO : Concrete	
	CSB : Concrete Segments (Bolted)	CSU : Concrete Segments (Unbolted)	CC : Concrete Box Culvert	
	DI : Ductile Iron	GRC : Glass Reinforced Concrete	GRP : Glass Reinforced Plastic	
	PSC : Plastic/Steel Composite	PVC : Polyvinyl Chloride	PE : Polyethylene	
	RPM : Reinforced Plastic Matrix	ST : Steel	VC : Vitrified Clay	
	PP : Polypropylene	PF : Pitch Fibre	MAC : Masonry, Coursed	
	MAR : Masonry, Randon Courses	XXX : Other (State in remarks)		
LINING	BL : Bitumen	RL : Resin	IS : Insituform	
	CL : Cement	PI : Plastic		