



SDS Ltd
DRAINAGE SPECIALIST

Project No.

Survey Date.

Surveyor.

30/03/2025

Jake Boydell

Asset Survey Card

Asset ID: MH1

eg: MH, CP, GY

Status: PU

Asset Type: MH

Function: SW

Cover Level:

Location: Phoenix House L33 7TQ

Town: Liverpool

COVER DETAILS

☒ Square ☐ Rectangle ☐ Triangle ☐ Dbl Triangle ☐ Circular ☐ Other Other

☐ Hinged ☐ Lockable ☐ Grating ☒ H Cover Duty 630 x 630 Size (mm)

PIPE DETAILS

Incoming Pipes

Pipe	Depth from Cover (m)	Upstream / Downstream Ref	Shape	Size (mm) Height Width			Pipe Mat	Lining Mat	Soffit Level (m)	Invert Level (m)
A	0.88		CI	150	x	150	VC			
B	2.94		CI	150	x	150	VC			
C	3.49		CI	700	x	700	CO			
D					x					
E					x					
F					x					

Outgoing Pipes

X	3.57		CI	900	x	900	CO			
Y					x					

MANHOLE CONSTRUCTION DETAILS

Shaft

520 x 550 Size (mm) 1.12 Depth (m) 11 No. of Reg Courses Soffit

Chamber

930 x 1860 Size (mm) Side Entry ☐ OX / H2S / METH ☐ Toxic atmosphere ☐ Evidence of Surge

☐ Pre Cast Concrete ☐ Insitu Concrete ☒ Brick ☐ GRP ☐ Reducing Slab

8 Step Irons ☐ Ladder ☐ No. of Landings 100 Depth of Flow (mm) 20 Depth of Silt (mm)

ADDITIONAL CONSTRUCTION DETAILS

☐ Flap Valve ☐ Orifice ☐ Sluice Gate ☐ Weir ☐ Screens ☐ Penstock ☐ Flume ☐ H/Wall

CONDITION INFORMATION (Specify in Remark)

	Cover	Shaft	Irons/Ladder	Chamber	Benching	Channel
OK	☒	☒	☐	☒	☐	☐
Needs Attention	☐	☐	☒	☐	☒	☒
Urgent Attention	☐	☐	☐	☐	☐	☐

Remark

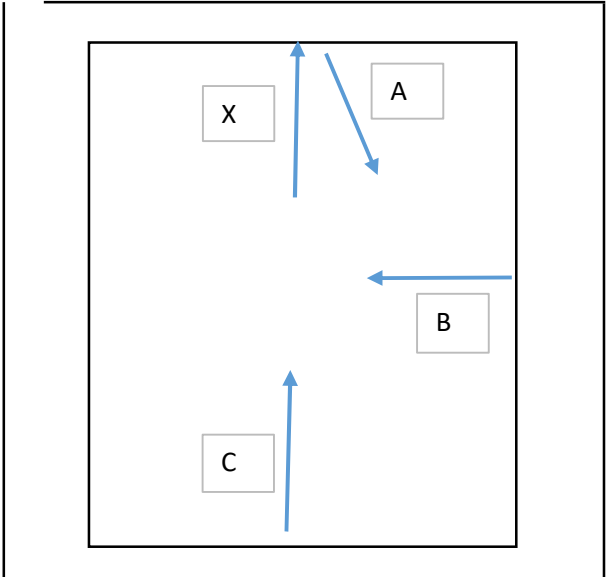
Advise removal of silt / debris from channel

See Overleaf for Key

LOCATION SKETCH



PLAN OF MANHOLE



LOCATION PHOTO



INTERNAL PHOTO



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	
	LH : Lamphole	RE : Rodding Eye	SO : Storm Overflow	
	GU : Gully	OF : Outfall	SA : Soakaway	
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, Random Courses	XXX : Other (State in remarks)		
LINING	BL : Bitumen	RL : Resin	IS : Insituform	
	CL : Cement	PI : Plastic		