

Contractor	Academy Geomatics Ltd.
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Date of Survey	01-Jan-20	Surveyed by	MS	QA Check	MA	Job No.	2915	Survey Index	Sheet No.	006
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Location	Road Name Rear of Albion Terrace	Place Name Hartlepool
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Drain Unit	Drainage Area Hartlepool	Co-ordinates (6 figures)	Easting 452894	Northing 533525
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Year Laid	Status HD	Function C	Node Type MH
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COVER	Shape C	Hinged N	Lockable N	Duty H	dia/length (mm)	width
					570 x	

SHAFT	Step Irons/Ladders S	Depth (mm) 730	Construction B	Red Slab/ Taper	length (mm)	width
					600 x	600

CHAMBER	Construction B	No. Landings	length (mm)	width
			1670 x	800

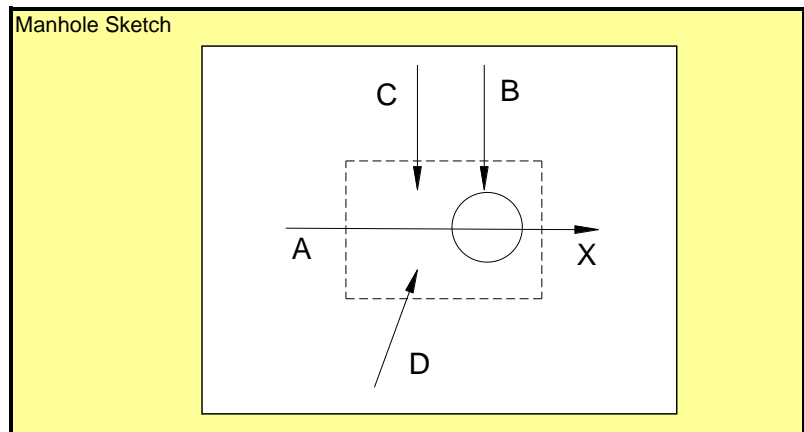
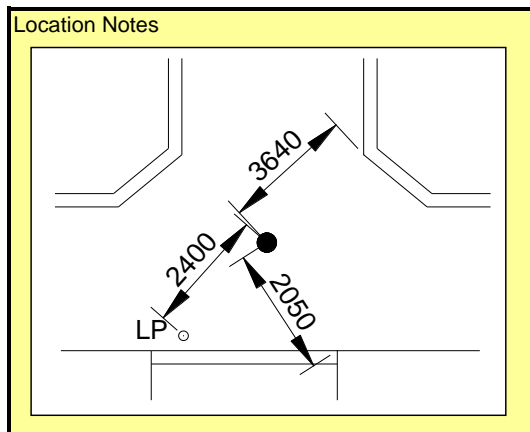
Depth Flow (mm)	Depth Silt (mm)	Height Surchg (mm)	Chamber floor depth from cover (mm)	Cover Level (m AOD)
30	10	590	1930	9.20

Incoming	upstream MH Ref.	Pipe shape	width/dia (mm)	height/dia (mm)	Backdrop dia	Pipe mat.	Lin. Mat.	Depth from cover (m)	Invert Level (mAOD)	O/C
A		C	x	225		VC		2.25	6.95	9
B		C	x	225		VC		2.09	7.11	12
C		C	x	150		VC		1.94	7.26	12
D		C	x	150		VC		1.78	7.42	7
E			x							
F			x							

Outgoing	downstream MH Ref.	Pipe shape	width/dia	height/dia	Backdrop dia	Pipe mat.	Lin. Mat.	Depth from cover (m)	Invert Level (mAOD)	O/C
X	NZ52339507	C	x	225		VC		2.29	6.91	3
Y			x							
Z			x							

Condition (Y if attention req)	Cover	Irons/Ladders	Shaft	Chamber	Benching	Other
	N	N	N	N	N	

Remarks	



Manhole Survey Form Notes

Additional Notes or Sketches

Layout



Location



Abbreviations Key

Status		Node Type		Shaft/Chamber		Pipe Material	
PU	Public	MH	Manhole	Construction		AC	Asbestos Cement
PR	Private	J	Junction (Saddle)	B	Brick	AK	Alkathene
HD	Highway Drain	LH	Lamphole	P	Precast Units	BL	Bitumen (Lining)
WC	Watercourse	HB	Hatchbox	G	Glass Reinforced Plastic	BR	Brick
A	Abandoned	RE	Rodding Eye	I	In-Situ	CC	Concrete Box Culvert
TC	To Be Constructed	OF	Outfall	S	Segmental	CI	Cast Iron
104	Section 104	CSO	Combined Storm Overflow	L	Plastic (Other)	CL	Cement Mortar (Lining)
102	Section 102	SPS	Pumping Station	R	Rendered	CO	Concrete
DM	Disposal Main	STW	Treatment Works	U	Unspecified	CSB	Concrete Segments Bolted
OV	Overflow Pipe	OI	Oil Interceptor	Pipe Shape		CSU	Concrete Segments Unbolted
EO	Emergency Overflow	IN	Inlet	A	Arch	DI	Ductile Iron
Function		XXX	Undefined Structure	B	Barrel	EP	Epoxy
		F	Foul	CE	Capped End	FC	Fibre Cement
		S	Surface	BP	Balancing Pond	FRP	Fibre Reinforced Plastics
		C	Combined	TE	Termination Node	GI	Grey Cast Iron
		T	Transition	AV	Air Valve	GRC	Glass Reinforced Concrete
		O	Overflow	ZZZ	Unknown End	GRP	Glass Reinforced Plastic
		U	Unspecified	CN	Continuation Node	MAC	Masonry, Coursed
Cover Shape		ATC	Attribute Change	R	Rectangular	MAR	Masonry, Random
		HC	Flow Control	S	Square	PE	Polyethylene
		BT	Balancing Tank	T	Trapezoidal	PF	Pitch Fibre
		TC	Treatment Chamber	U	U-Shaped with Flat Top	PP	Polypropylene
		ST	Storage Tank	Z	Other	PS	Polyester
		FC	Flushing Chamber	Manhole Lining Material		PSC	Plastic/Steel Composite
		BS	Blind Shaft	FIBRE	Fibre Glass	PVC	Polyvinyl Chloride
Duty		AO	Access Only	CEMENT	Cementitious	RC	Reinforced Concrete
		CP	Catch Pit	POLY	Polyethylene	RPM	Reinforced Plastic Matrix
		GI	Grease Interceptor	Pipe Type		SI	Spun Iron
		Steps/Ladders		S	Rising Main	SPC	Sprayed Concrete
		S	steps	GRV	Gravity Main	ST	Steel
		L	ladder	LAT	Lateral	U	Unspecified
		RedSlab/Taper		SYP	Syphon	VC	Vitrified Clay
R	Reduced Slab	VAC	Vacuum	X	Unidentified Material		
T	Taper			XI	Unidentified Type of Iron/Steel		
				XP	Unidentified type of Plastics		
				Z	Other		

- All yellow fields to be completed.
- It is essential that the upstream and downstream manhole reference is filled in along with the O/C. The O/C value is the direction of the pipe in relation to North (ie North = 12, East = 3, etc...)