

Angel Muzas

From: Mark Jones
Sent: 15 July 2021 11:12
To: Angel Muzas
Cc: Muthahar Khan
Subject: RE: Final issue survey files -Herbert Street, Manchester

Angel

The chamber is relatively new and concrete, certainly not old enough to be associated with a culvert. If the GRP could not pick up the culvert entering or leaving the manhole there is no evidence to say it is associated with the culvert. When I spoke to the UU engineer on site he mentioned something about a pump, I wondered if it related to the site being a former public baths. We looked down the chamber there was no evidence of a watercourse flowing beneath the chamber.

Mentioning that it could be a culvert chamber without the evidence is not helpful it is just speculation.

At 0.5m depth the linear feature is unlikely to be a culvert as the foundations for the existing building former public baths would have encountered the culvert. The sewers crossing the road downstream would have encountered the culvert. The former housing that occupied the southern end of the site would have encountered the culvert. The new building across Elisabeth Street would have encountered the culvert during construction.

We lifted the lids on the sewer to the other side of the building it is shown as a combined sewer on the UU plans.

The watercourse/sewer in Herbert Street is about 4.5m deep.

The limits on GPR means nothing will be clear at depth.

Regards

Mark

From: Angel Muzas
Sent: 15 July 2021 10:02
To: Mark Jones
Cc: ; Hamza ;;; Muthahar Khan
Subject: Fw: Final issue survey files -Herbert Street, Manchester

Hi All,

We received the data from the GPR survey that was carried out on Monday, please find attached the results.

According to the conversation with them, **they are unable to do any more GPR to the South West, the area where we were expecting the culvert to be found, they said that is due to the condition of the ground.** In this area, there is some trace that could be part of the culverted that matches with the register of UU, the one that I refer to is the purple line D0.5 GPR line (survey linear feature), but this feature is located at 0.5meters from the surface only.

In addition to that area, they extended their survey.

They think that there is a possible Culvert to the north, please see the pdf attached with the location and one of the images that is related to it. In any case, they think the possible culvert is 3m plus deep so they would be unlikely to get any results. For them, the only way forward would be to clear that manhole of bikes and rubble and ensure that the pipe is clear also so that we can introduce a CCTV camera and trace it that way.

Mark,

I would like to know if you have in your register that manhole that they are referring to and your recommended steps ahead due to the survey results

Looking forward to hearing from you.

Kind regards,

Angel Muzas

Architect

STUDIO TASHKEEL ARCHITECTURE

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CORONA VIRUS UPDATE:

Please note, due to the Coronavirus situation, Studio Tashkeel are operating from our homes. Until further notice, we would not be in a position to answer our landline number above, however you will still be available to reach us on our mobile contact number.

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From: Worcester - Laser Surveys **Sent:** 14 July 2021 15:06
To: Angel Muzas <a.muzas@studiotashkeel.com>
Subject: Final issue survey files -Herbert Street, Manchester

Dear Angel,

I am pleased to attach our final survey files for the above site.

Kind regards
Ashley

Ashley Rhodes | Underground Services Surveyor |Laser Surveys
Open Space, Upper Interfields, Malvern, WR14 1UT.

t. 01886 833173 | e. worcester@lasersurveys.com | w. lasersurveys.com

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