



Science Area Landscaping: HV Repairs

Weekly Newsletter 9

Meet the team



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The Week Ahead 30th Aug – 9th Sep

Summary

Since our last correspondence, we have carried out several investigations regarding the void at Le Gros Clarke Place (LGCP) entrance and have managed to make some headway with progress. A combination of CCTV and Ground Radar Penetration (GPR) have been used to try and determine why the void has been created and how we repair it.

Firstly, The GPR managed to ascertain the extent of the anomaly in areas that the CCTV could not reach and the CCTV has determined why the void has been created. At a depth of approximately 3 – 4 metres the camera was able to record a wooden structure that looked as though it had been constructed as protection work for the sewage pipe during historical works (speculative). This structure was never removed and was subsequently backfilled leaving a void. We believe since the area had been backfilled, surface water has been slowly eroding the upper levels of sand and subbase via a broken duct from a telecoms chamber and with the void created by the structure, this has been slowly flowing downwards into that void/area.

Caveats:

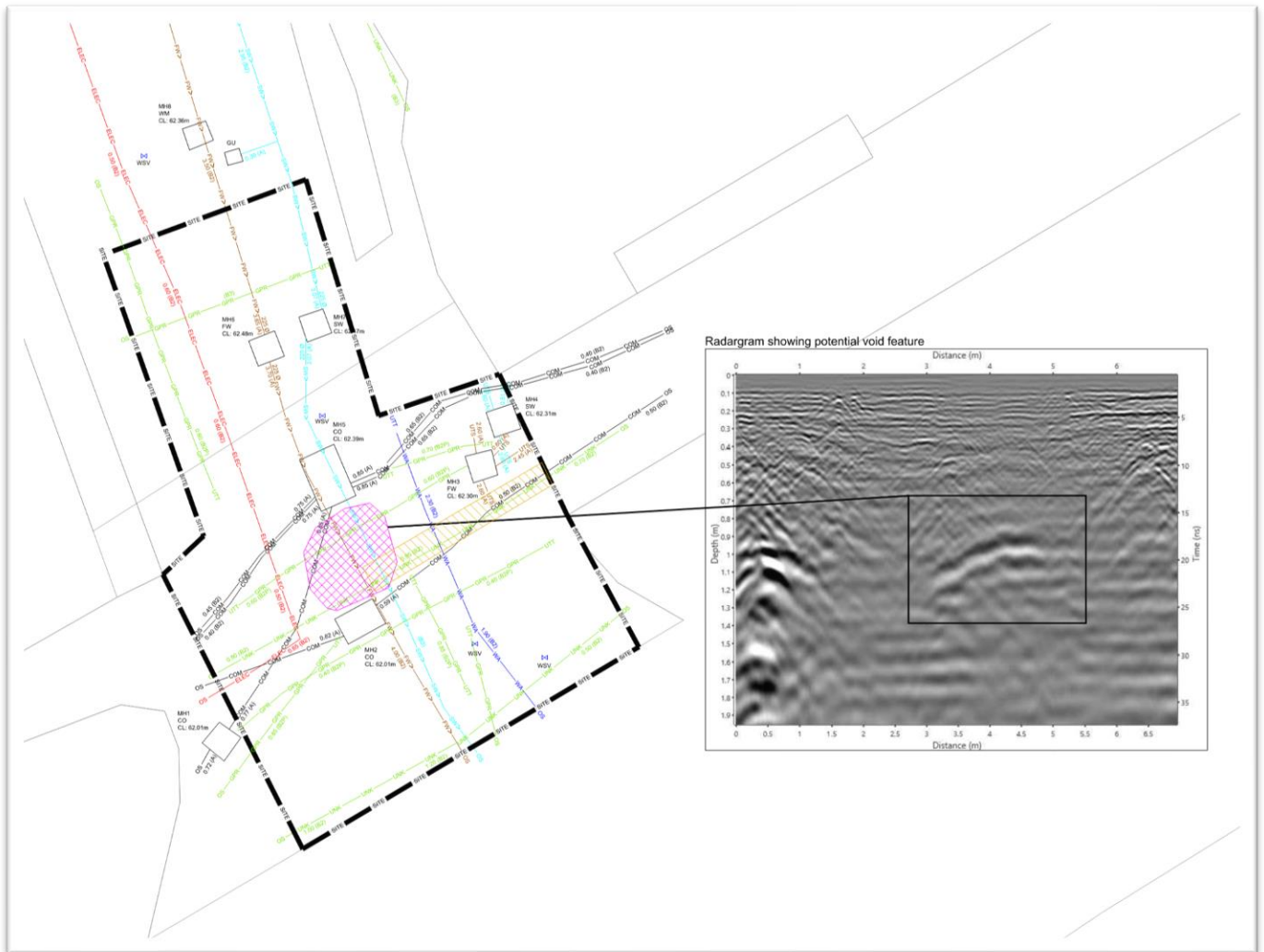
Unfortunately, due to the GPR only being able to detect at a maximum depth of 2 metres and the CCTV only being able to physically go where it can be directed from ground level, we cannot conclude that the void does not extend further and therefore need to continue with investigatory work over the coming week. However, we have put together a methodology of work which we have shared with OUES and barring any further discoveries we plan to have the entrance open around the first week of October. I am aware that the closure is extremely frustrating for the surrounding buildings and for those that rely on it for supplies and parking, so I would like to emphasise that this is strictly a provisional timescale provided and based on estimated lead-in times for Temporary Works Designs, mobilisation and availability of equipment, and labour resource – all of which we cannot procure fully until we know the full extent of the void.

Mansfield Rd & HV Works:

Planning for HV works along Mansfield Rd to Pharmacology are still ongoing with start dates TBC. We have received preliminary Traffic management plans which I would like to discuss with the immediate and respective building managers before I share with the wider community and will subsequently be determined by the outcomes and findings of the current issues we are facing at LGCP, but we will of course keep you updated. Natural History Museum trench scar across vehicle entrance to be made good and completed.

Landscaping Works

White lining and signage have been completed at both entrances and Sherrington Rd with an additional review of signage and white lining taking place last week and awaiting further detail. Outstanding items are Drainage at the bottom of Sherrington Steps and making good to concrete surface and FH service covers at Sherrington Rd west.



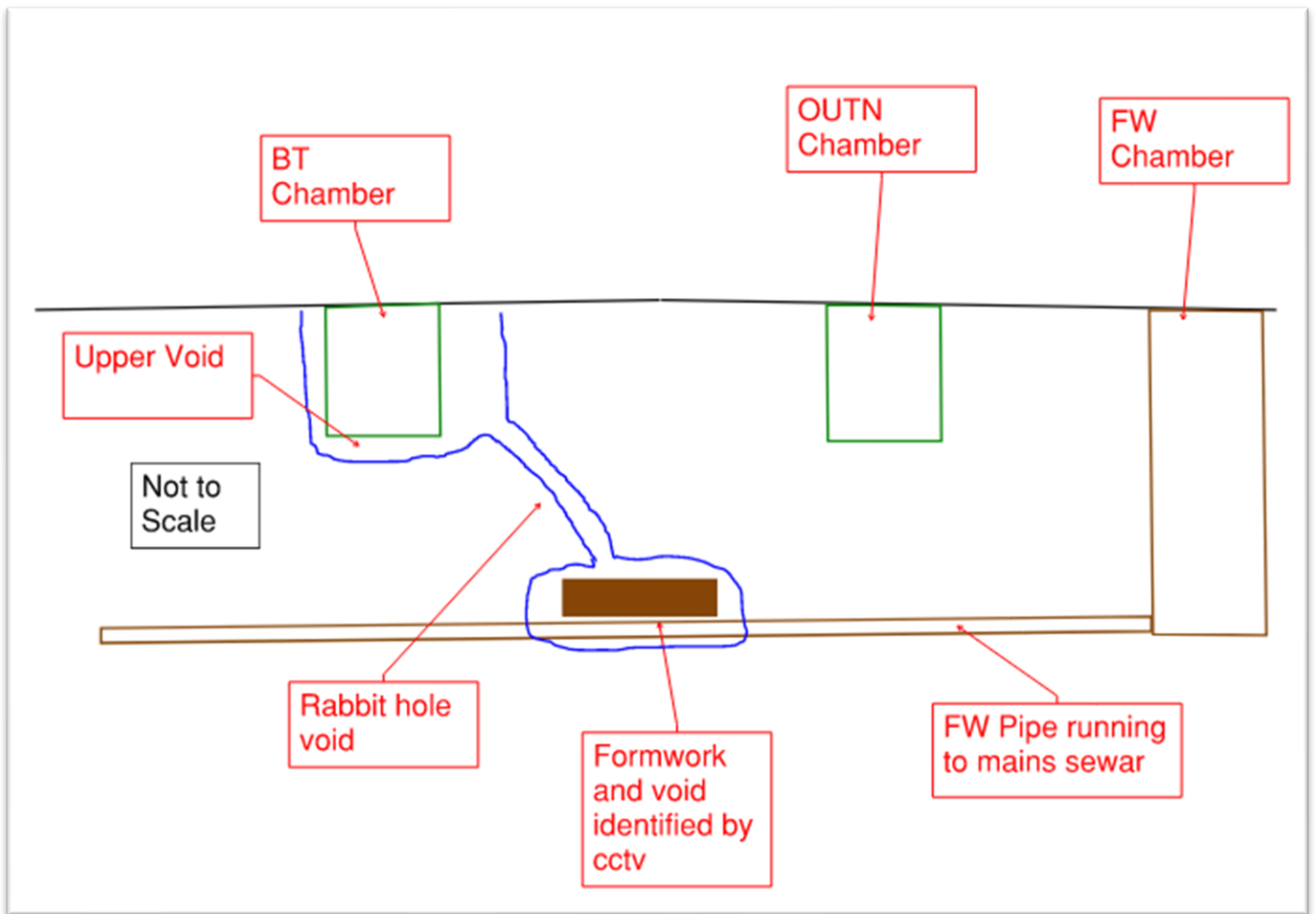
- Ground Penetration Radar (GPR) showing anomaly (hatched magenta) at Le Gros Clarke Place entrance.

Progress Photo's

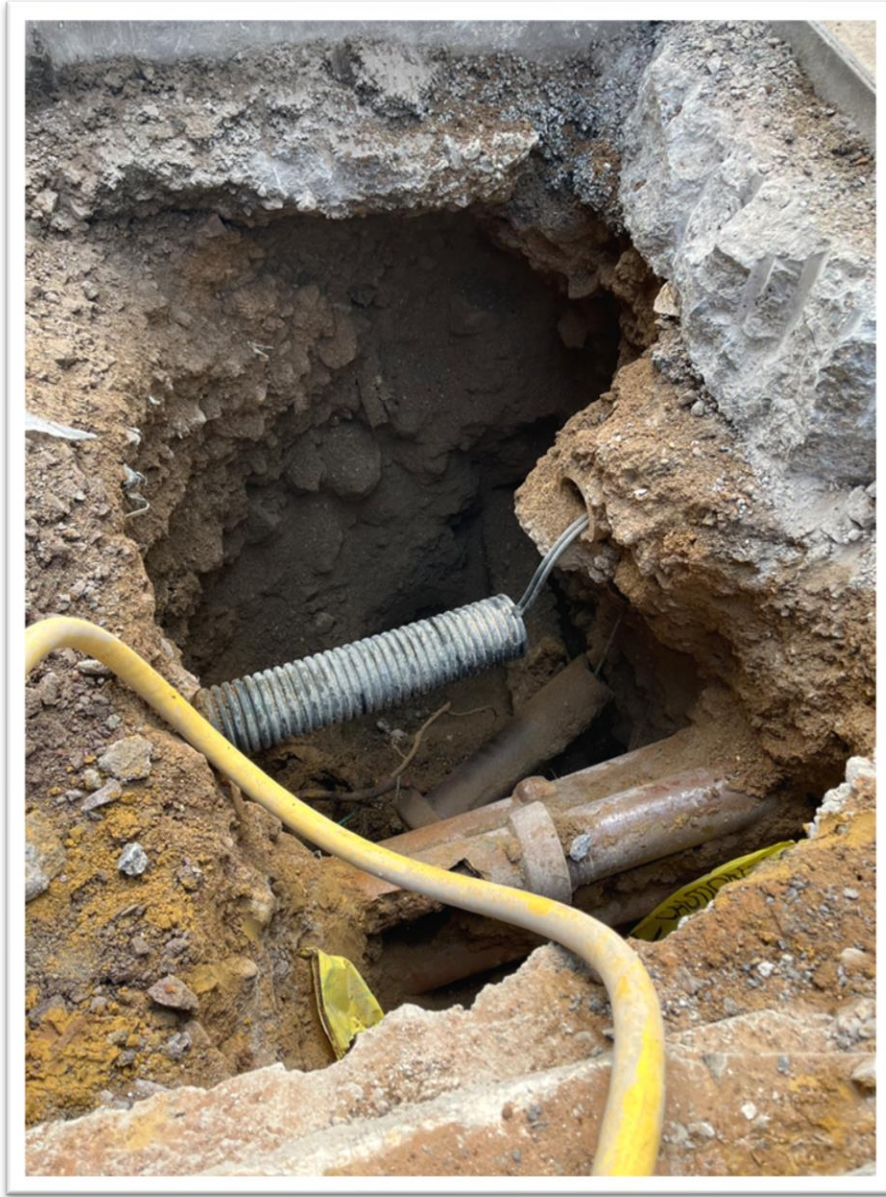


- Snapshot of CCTV footage of timber structure identified at approx. 3-4 metre depth

Progress Photo's



- Speculative mark-up of what we believe has created the void beneath LGCP.



- Upper void at LGCP entrance.

