

Viewforth Trial Holes

Trial Hole 1:

The first trial hole was dug 2.64m downhill from the end of the existing disabled bays. The hole was dug 600mm in from the kerb for an approximate length of 2m with a width of 600mm. The ground was made up of the initial 70mm slab with 50mm sand and a layer of 150mm hardcore. At 470mm down purple warning tape was found and at 530mm two street lighting ducts were uncovered. These ducts were 990mm in from the front face of the kerb. The rest of the trial hole was dug down to approximately 600mm until at 2.25m from the kerb line a brick structure was found roughly 340mm down from ground level. This could be linked to the old brewery building that was there prior to the school being built. Further trial holes were dug to determine this.



Figure 1: Depth to Street Lighting Duct



Figure 2: Distance from kerb to duct



Figure 3: Top of brick structure



Figure 4: Front of brick structure

Trial Hole 2:

Trial hole 2 was dug 35.5m downhill from trial hole 1. The hole was dug 900mm in from the front of the kerb line. The ground conditions were initially the same as trial hole 1. At a depth of 200mm concrete was discovered. This slab of concrete was roughly 330mm thick. Using old photos, it appears this concrete may have been from the surround of an old drainage channel across the entrance to brewery that was there before the school was built. The rest of the trial hole was dug out to a depth of approximately 600mm. No services were found in this trial hole.



Figure 5: Depth of old concrete



Figure 6: Depth at end of trial hole 2

Trial Hole 3:

Trial hole 3 was dug as a result of the findings of trial hole 2. This hole was dug 18.4m downhill from trial hole 2. The hole was dug approximately 500mm in from the front of the kerb line. The ground conditions were similar to trial hole 1. The CAT scan detected live cables and at 450mm down three rigid ducts or pipes were found. There was no warning tape before the ducts were discovered. These are at a similar location to where the “not in use” power lines are located on the PU drawings. What appears to be an old brick duct channel was also found at approximately 500mm down, this was located between the kerb and rigid ducts.



Figure 7: Rigid ducts/ pipes



Figure 8: Three ducts and old brick channel

Trial Hole 4:

The final trial hole was dug to confirm where the brick structure in trial hole 1 finished. It was dug 9.8m down from trial hole 1. This location was picked as it is just past where the old brewery building would have finished. It was 600mmx 600mm and it was dug down to a depth of 600mm. Nothing was found in this trial hole, which seems to suggest that the brick structure in trial hole 1 was linked to the old brewery building.

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Figure 9: Trial hole 4