

## **1.0 INTRODUCTION**

- 1.1 Application reference 2014/62/93973/W was granted conditional approval on 05/03/2015.
- 1.2 Application reference 2015/70/93451/W relating to conditions 3,4,6 & 7 was deemed withdrawn.
- 1.3 Work on site commenced on 01/01/2016 and was completed for occupation on 30/03/2016.

## **2.0 HISTORICAL BACKGROUND**

- 2.1 Early Ordnance Survey maps for the area show two cisterns on the site adjacent to the original mill building. Maps from the early 20thC confirm that buildings had been constructed in place of or over these tanks.
- 2.2 It is clear from the above research that the cisterns would have been built on undisturbed agricultural land.

## **3.0 OPERATIONS ON SITE**

- 3.1 Prior to demolition an intrusive survey established that the Victorian cisterns remained under the later single storey building and contained clear unpolluted water.
- 3.2 These buildings were taken down and the tanks were exposed. These were found to be brick lined structured supported on a puddled clay lining on virgin ground.
- 3.3 All concrete and masonry arising from the demolition process was crushed and employed to fill the excavation left by the removal of the tanks. This established the building formation without further excavation.
- 3.4 A piled foundation design was developed to avoid further excavation and executed without the creation of material for disposal off site.
- 3.5 The installation of drainage generated some surplus material, which was tested for contamination and disposed of in the normal way.

## **4.0 CONCLUSIONS**

- 4.1 The new building has been built on virgin ground without the need for bulk excavation. A limited amount of material free from contamination has been generated by the construction process. This has been removed from site in accordance with construction good practice.

- 4.2 The external works for the project have been completed resulting in the whole site being sealed and positively drained. This system includes a petrol interceptor, attenuation tanks and discharges into an adopted sewer.