

Figure 5 High Level rider sewer – concept

The Flying Monk SPS and rising main has been appraised and considered able to accommodate the additional predicted flows from the development in terms of M & E arrangements. The development will, however, result in a reduction of our emergency storage capacity to below acceptable levels and further storage will be required (160 litres per property and an allowance for the school)

We are considering storage in the form of an online, oversized sewer in the football ground located near the pumping station.

This will require the following requirements as a minimum;

- Construction of ~ 80m of 675mm dia sewer at an average depth of ~ 2.1m (1.2m cover depth).
- Construction of 2 nos of 1500mm dia manholes at an average depth of ~2.5m.
- Construction of ~2 m of 225mm dia overflow sewer at an average depth of ~2.65m.
- Disconnecting and capping the existing sewer of 150mm dia.
- Breaking/Tie in to the existing wet well of Flying Monk PS.
- Reinstatement of the football ground.

Figure 6 below shows the concept sketch of a possible high level storage option*.

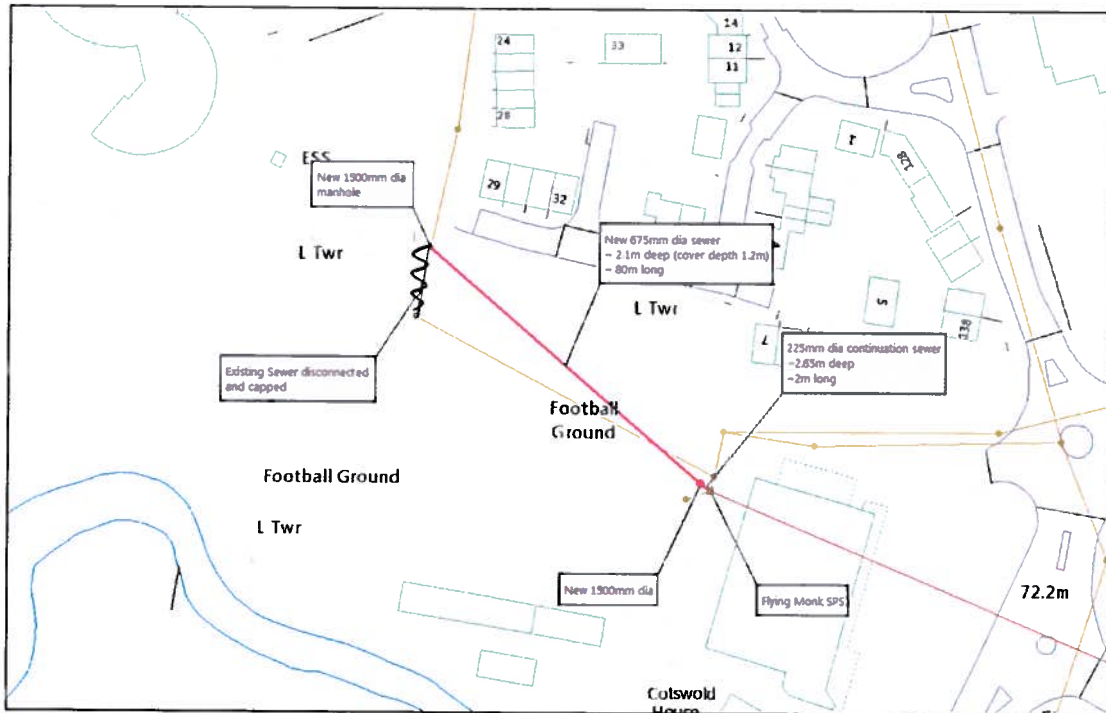


Figure 6- Concept sketch for the storage option

Estimated capital cost for the storage option is £138,000 - £170,000.(relevant surveys / third party issues yet to be determined and see * below)

*- The option mentioned above should be strictly treated as a high level concept at this stage.

The cost and design of the rider sewer and SPS storage will need to be developed and designed. The cost can be considered within requisition arrangements. Please contact me with any queries and discussion on how to progress.

Yours sincerely,

Gillian Sanders
 Planning Liaison
 Wessex Water