

Appendix E

Cupernham Infant and Junior School Strategic Drainage Strategy and Flood Risk

General

The proposal is to redevelop the existing Cupernham Infant and Junior school located in Bransley Close, Woodley Lane, Romsey, Hampshire, SO51 7JT.

The development will consist of an extension to the east side of the existing junior school and three number small extensions to the existing infant school. There will be two extensions to the front of the junior school and one located to the bottom right-hand corner. These extensions will be built on areas which are currently both soft landscaping and hard paved.

Along with the proposed extensions there will be new hard standing areas which are predominately located to the rear of the Infant school adjacent to the existing hard landscaped area.

Due to the size of the proposed development the existing car park will be increased in size to accommodate the rise in vehicles using the Infant and Junior schools.

Foul Water:

The existing foul water from the infant school and junior school currently discharges via a private drainage network into the adoptable foul water sewer located in Bransley Close.

Under the proposals for the scheme the proposed foul water connections from the school extensions will connect in to the existing private foul drainage network prior to connecting to the adopted foul sewer located in Bransley Close.

The condition and suitability of the existing foul water drainage network and any repairs required will be confirmed by CCTV survey prior to the connection being made.

Surface Water:

The existing surface water from both the infant school and junior school currently discharges by two methods. The roof areas from both of the schools drains to the public surface water sewer located in Bransley Close, while the hard standing areas currently discharge in to the ground via soakaways.

At present infiltration rates for discharging to ground are not available but due to the fact that existing soakaways are located on site and no issues with regard to them working effectively have been raised, it is proposed to discharge the increase in impermeable area to ground via soakaways. The existing soakaways will be tested to assess their capacity to discharge the increase in impermeable area. If it is found that they do not have enough capacity, then new soakaways will be constructed on site to deal with the increase.

The condition and suitability of any existing surface water pipe work that may be connected to and any repairs required will be confirmed by CCTV survey prior to the connection being made.

Flood Risk:

Environment Agency maps indicate that the site is located in Flood Zone 1, where the lowest annual probability of flooding occurs, that being less than 1 in 1000 for any given year.

The proposed development area of the site is less than 1Ha and therefore a Flood Risk Assessment is not required.