urban area of Spalding are regularly maintained and provide a good standard of drainage to the locality.

4.11 Owing to the many inherent vagaries involved, there is no definitive standard for the design of land drainage systems but the empirically derived criterion employed by the industry over many years has proven to work well. However, a 3.33% storm event, modelled by the Internal Drainage Board using Micro Drainage software, indicates the peak water level of Cemetery Drain in the Sherwood Drive locality, to be 2.80m ODN and under such conditions, given the general 3.00m ODN topographical elevation, the freeboard to the locality would clearly be marginal.



Cemetery Drain – Sherwood Drive

Highway Drainage System

4.12 Although Pinchbeck Road near the site is elevated above its surrounds, the raised kerbing, in conjunction with the surface-water gully system, is understood to adequately perform. Accordingly, with particular focus on the eastern side of the road, there is no associated surface water problem although it is to be expected that heavy storms could cause some overspill at the dropped-kerb entrances of the adjoining properties.