

peak water level of the functional floodplain. Furthermore, the natural ground contour would direct flow to the lower "fen" lands to the south of the higher east-west ridge upon which the communities of Weston, Moulton and Holbeach, and others eastward, are founded. Given the condition of these embankments, their distance from the site and the local topography, further consideration of these potential fluvial flooding sources is not warranted.

Land Drainage Infrastructure

IDB System

- 4.08 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.



Turnpike Drain West

- 4.09 Internal Drainage Board data indicates the normal maximum water level in Turnpike Drain West, to be 1.70m ODN approx. thereby conferring a freeboard in the order of 1.40m to the lower area of the proposed development site. This freeboard, to be viewed as a "safety margin", would be reduced in the event of extreme flows, or poor watercourse condition, causing the water level to exceed the empirically derived normal maximum, but in any event, the clearance is some 0.50m greater than the 0.90m margin usually adopted below controlling low lands in local fenland drainage design. On the pragmatic