

Project Data Sheet

PROJECT

**Flood Risk Assessment  
Staines**

CLIENT

**Libero Architects**

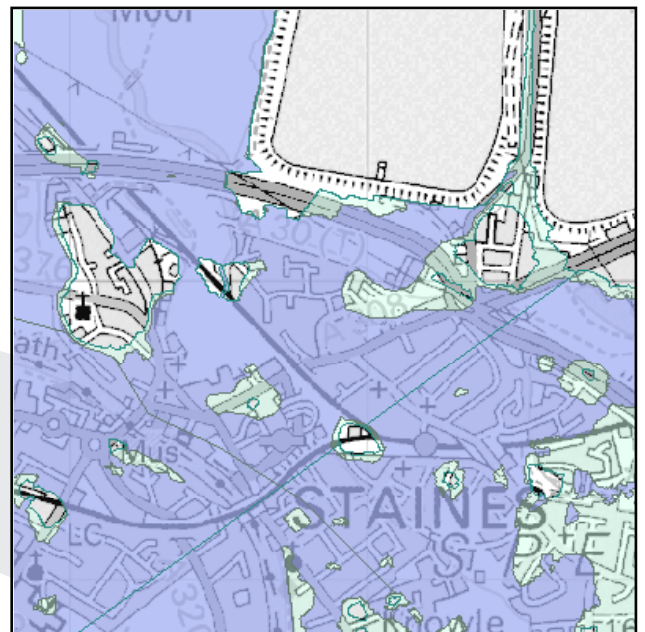


**Richard Allitt Associates were commissioned to undertake a Flood Risk Assessment for a development site in Staines. The site was a brownfield site occupied by a group of derelict houses and the proposals were to construct a block of flats.**

The site was located on the boundary of Zones 2 and 3 which meant that there was a risk of tidal flooding from 1 in 100 year events. The area is particularly complex because of the number of different potential flood mechanisms. There are numerous flood relief channels and a number of large pumping stations.

The existing houses on the site are elevated above the road level and it was found that by using the same finished floor levels there was no loss of flood plain storage and the finished floor levels were above the predicted flood level.

- Sewerage
- Rivers
- Coastal
- SUDS
- Land Drainage
- Hydraulic Modelling
- Flood Risk Assessments
- Drainage Area Planning
- Asset Management
- Flood Alleviation
- Flooding Investigations
- Feasibility Study
- Drainage Design
- Environmental Aspects
- Inundation Modelling
- Surface Water Management



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