



The Quay, Burnham on Crouch, Essex, CM0 8AT, England.

E-mail: [Petticrows@petticrows.com](mailto:Petticrows@petticrows.com)

Website: [www.petticrows.com](http://www.petticrows.com)

Telephone: +44 1621 782115

Fax: + 44 1621 785389

Ref: Planning application FUL/MAL/09/00493

After consultation with the Environment agency Flood Risk Engineer, Mr. Sean Mullins Kelvedon 01473 706370 case CCE2009/41200, the following Flood Risk assessment has been created.

### **FLOOD RISK ASSESMENT**

For

Storage area adjacent to Petticrows boatyard.

- Location: The building is situated close to the River Crouch in a high flood risk area, less than 100metres from the sea wall.
- Use: For storage only.
- Construction: The building is created from 4 watertight shipping containers in each corner; the in filled area between the containers is constructed of timber framework with full cladding. The roof is corrugated plastic type material. There is no specific areas of concern regarding the ingress of flood water.
- Access: There are 3 method of access.  
A roller shutter to the western end  
A door into the main workshop on the northern side  
A door exiting the building on the western side
- Evacuation: In the unlikely of there being personnel in the building at time of flooding. Exit would be possible by any of the 3 above methods of access. The exit leading into the workshop is adjacent to steps leading to the second storey of the main workshop building.
- Debris: Because of the nature of construction of the building most of the items stored are within the corner containers and are therefore unable to escape in the event of flooding. Storage in the central open area is limited to vehicles only so do not pose a debris hazard.
- Floor: The floor area is 160 square metres; the floor level is the same as the main building and minimally higher than the external ground.
- Drainage: In the event of flooding drainage would be through the main roller door.
- Flood proofing: There is no specific flood proofing built into to structure.

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**From:** "Tim Tavinor" <tim@petticrows.com>  
**To:** <petticrows@petticrows.com>  
**Sent:** 11 September 2009 12:20  
**Subject:** building pics



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**From:** "Tim Tavinor" <tim@petticrows.com>  
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