

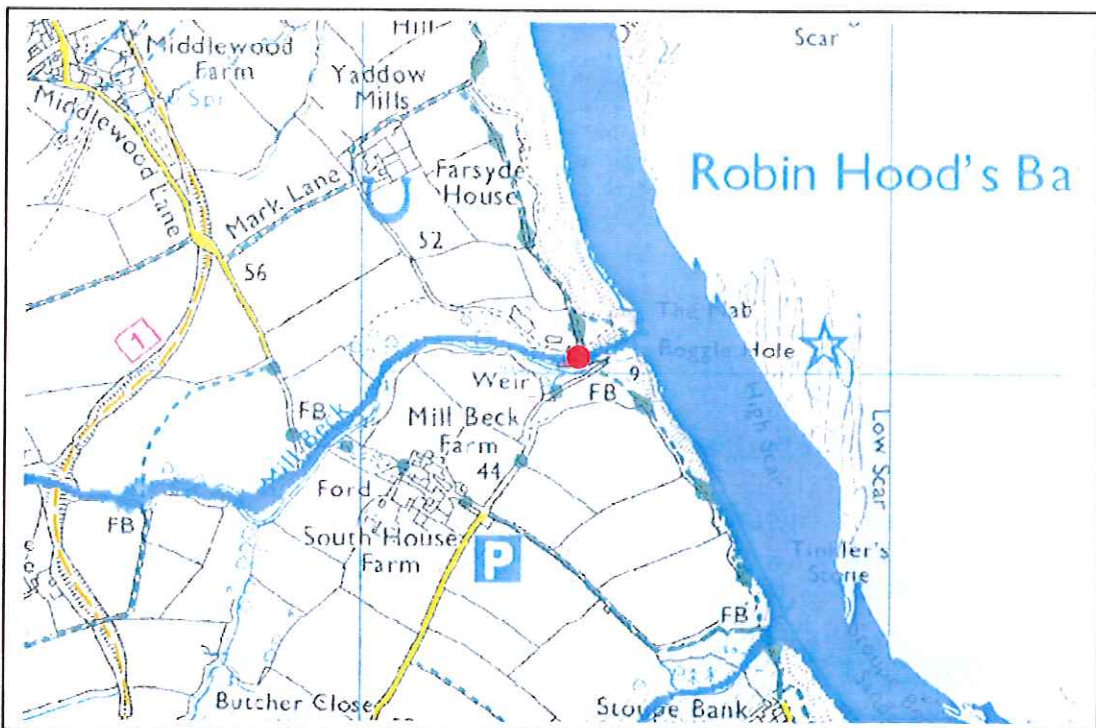
**YHA Boggle Hole
Coastal Erosion Works
Flood Risk Statement**

22 JAN 2015

Introduction

The area covered by this proposed development includes the access slipway to YHA Boggle Hole, a section of the public footpath that forms the Cleveland Way and the Water Treatment Plant housing for the hostel.

The Environment Agency Flood Zone mapping shows the site to be located within Flood Zone 3 with a high probability of flooding. This Flood Zone is defined in PPS25 as land assessed as having a 1 in 100-year (1%) annual probability of river flooding or a 1 in 200 year (0.5%) annual probability of flooding from the sea.



Flood Mitigation Measures

The proposals are defined as a minor development under FRSA England (national) version 3.1 of the Environment Agency guidance as 'Alterations: development that does not increase the size of buildings e.g. alterations to external appearance' therefore we have been advised by the EA that a full sequential test and FRA are not required.

However the potential for increasing the flood risk through this development has been mitigated by undertaking the following:

- Fencing is designed so as not to impede the flow of water in a flood situation
- Any excess spoil created by the development will be removed from site
- All ground levels are to be retained at the current heights

Conclusion

The proposed development is designed to be resistant to the impact of flooding will not increase flood risk elsewhere. The development proposals therefore comply with the guidance set out in PPS25 and its companion practice guide.

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