

Arun District Council
Development Control
1, Arun Civic Centre Maltravers Road
Littlehampton
West Sussex
BN17 5LF

Our ref: HA/2021/123006/01-L01
Your ref: AB/14/21/HH
Date: 24 March 2021

Dear Sir/Madam

REINSTATEMENT OF TIMBER JETTY USING EXISTING 3 PILES

RIVERSIDE HOUSE 2 FITZALAN ROAD ARUNDEL BN18 9JS

Thank you for consulting the Environment Agency on the above application.

Environment Agency Position

We have reviewed the application and require further information before we are able to set out our position.

Our concerns are as follows:

- The proposed design has the potential to affect future maintenance/access to the flood defence in this location due to the narrowed path. How is it proposed to mitigate this risk?
- The steps and new timber structure could collect debris at high tides/flows, increasing the load on the structure. Has this been considered in the structural calculations? Please provide evidence.
- Vertical supports are tied to the existing gabions to support the deck, and there also seems to be a timber support strut tied to the gabion wall. The gabions wouldn't have been designed for additional loading. What damage would be done to the gabions if this structure failed? Has this been considered as part of the structural design? Please provide evidence.
- Would the low landing stage and steps to the landing stage, be fully submerged at high water becoming a hidden underwater obstacle?
- With regards to the structural stability of the replacement pile, is this a key structural element in the design and can it be driven to a sufficient depth to provide the loading requirements, considering the known soft ground conditions in the area? Please provide evidence.

In addition to planning permission, the proposed work will require a Flood Risk Activity Permit (FRAP) under the Environmental Permitting Regulations, and possibly a Marine Management Organisation (MMO) licence. With the level of information provided at this Environment Agency
Guildbourne House Chatsworth Road, Worthing, West Sussex, BN11 1LD.



stage we are not satisfied that a FRAP will be forthcoming.

Yours faithfully

Mrs Sophie Brown
Sustainable Places Planning Advisor



cc J J R DESIGNS ARCHITECTURAL SERVICES LTD