

Flood Management & Drainage Consultation - LEAD LOCAL FLOOD AUTHORITY – Statutory Consultee

Consultation on Application Number: 2016/93243

Address: Thirstin Mills, Thirstin Road, Honley, Holmfirth, HD9 6JG

Proposal: Erection of 17 dwellings (within a Conservation Area)

DC Officer: Farzana Tabasum

Drainage Officer: Paul Farndale

Comments:-

Further to my comments of 30th June 2017 and the submission of revised culvert design, site layout and flood plan.

House Drainage

Given the previous nature of the site, on this occasion, and without prejudice to future applications, it has been decided with the LPA to grant a 'free discharge' from the buildings, roads and associated hardstanding to the culverted watercourse. A general drainage layout condition will be required. It is not envisaged that there will be any issues with the finalised design.

Flood Routing

In addition to the submitted JNP flood routing drawing, this has been updated, Flood Plan with Trash Screen Blockage 10991-01C, Bland & Swift Addendum to FRA 11th September 2017.

In order to prevent liability to future householders that will be difficult for them to manage if anything goes wrong. A **management company** is advised to spread the risk, and include clearing of trash screens as other aspects of watercourse maintenance and renewal as and when it is required. For this purpose we suggest a section **106 undertaking incorporating appropriate maintenance and management plans.**

Watercourse Comment

Due to the upsizing of the watercourse with a known deliberate restriction downstream, special thought will need to go into the design of the manhole where the diameter reduces to minimise loss of energy flow. This and the upstream trash screen design can be submitted to discharge to sole drainage condition.

Suggested Condition

DR01 Drainage Details

Development shall not commence until a scheme detailing finalised foul, surface water and land drainage (including private drainage layout, trash screen design, interface between diverted watercourse and existing infrastructure) has been submitted to and approved in writing by the Local Planning Authority. The detailed design shall be in accordance with Site Layout 16/D15/03 Rev F, Flood Plan with Trash Screen Blockage 10991-01C and Bland and Swift addendum to FRA dated 11/09/2017. None of the dwellings shall be occupied until such approved drainage scheme has been provided on the site to serve the development or each agreed phasing of the development to which the dwellings relate and thereafter retained throughout the lifetime of the development.

DR02 Watercourse Management

Development shall not commence until a maintenance and management plan for the on- site ordinary watercourse and its ancillary structures, such as access chambers and trash screens, has been submitted to and approved by the LPA. The plan should be retained and executed thereafter.

Signed: Paul Farndale

Date: 20th September 2017