

**Consultation Response from KC,
Lead Local Flood Authority**

2021/91871 Land adj, High Street and Challenge Way, Hanging Heaton, Batley

Erection of residential development (55 dwellings) including access and associated infrastructure

**Date Responded:
26/08/2021**

**Responding Officer:
Martin Stephenson**

**Responding Ref:
2**

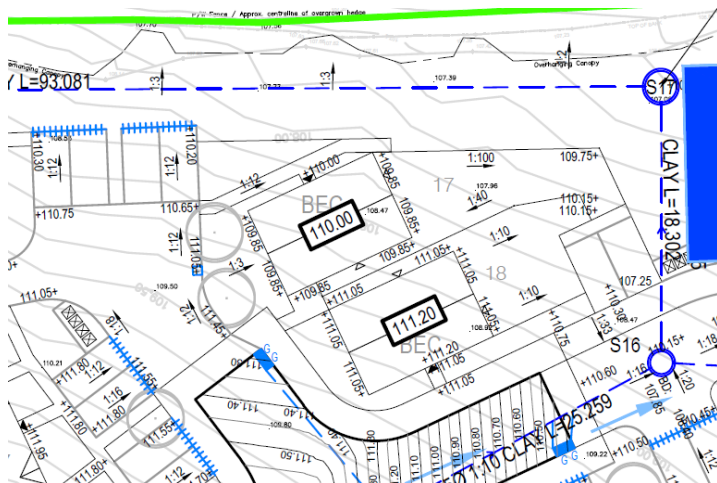
The following documents relating to drainage were submitted by the developer to the LPA on 11/08/2021 and these have been reviewed by the LLFA:

- E&P Drawing 45467/008 Rev A (Flood Routing Layout)
- Hydro International Drawing SHE-0082-3500-1500-3500 (Hydro-Brake Optimum – GA Details)
- Hydro International Drawing SHE-0082-3500-1500-3500 (Hydro-Brake Optimum – Technical Specification)
- Micro Drainage calculations outputs (9 sheets)

Drainage Comments:

Flood Routing Layout

The flood routing is generally acceptable; however it is noted that one property with an FFL of 110.00 (see excerpt from the drawing below) appears to be located in a dip in the proposed GLs with a 1:3 slope to the west and a 1:40 slope to the east both sloping towards the property. This could result in surface water pooling around the building which would be unacceptable. The developer is requested to re-visit the proposed FFL/GLs in the vicinity of this property to ensure surface water freely drains away from the building and that a **revised plan is submitted** showing that the risk has been mitigated as far as practicable.



Hydro-Brake GA and Specification

These appear to be in order, therefore the LLFA has no adverse comments.

MD Calculations

It is noted that a small amount of flooding is predicted for the 15 minute/1 in 100 year rainfall event (+CC), however this appears to be contained within the site adjacent to MH S9 on the access road as indicated of the Flood Routing Layout, therefore the LLFA has no adverse comments.