FLOOD RISK ASSESSMENT

ERECTION OF EMERGENCY ESCAPE AT

F BALL & CO.LTD, CHURNETSIDE BUSINESS PARK, STATION ROAD, CHEDDLETON, LEEK, ST13 7RS

Flood Level

The site is within Flood Zone 3 as indicated on the map below.



Proposal

The application is to form an external emergency escape on the existing silo tower that is present on the southern end of the site. The emergency escape will consist of stairs, platforms and ladders that will provide an escape route from the top of the building to ground level.

The site levels on the site will remain unaltered and the ground area covered by the stairs and raised platform is 7m^2. The site area that is covered on the ground will be done so by via a raised platform that would sit on stanchions which along with the style of stairs will allow water to pass through the structure easily. These will not form a solid structure, so no flood flow would be impeded or result in a loss of floodplain storage. In addition, the extension will be secured to the building and therefore will not be washed away in the event that the site became flooded.

Conclusion

The use of the site will remain unaltered and nor will the way in which it would function in relation to flood water compared to before the extension takes place. The site will not be impeded by the structures placed upon it and nor will the site enclosure create any adverse issues.