



# Alexander Stadium Redevelopment

---

Updated flood mitigation measures in Perry Park  
March 2021



# Updated flood mitigation measures in Perry Park

Users of Perry Park will be aware that flooding occurs from time to time, which is due to water overflowing from Perry Brook.

The original flood mitigation proposed in Perry Park as part of the Alexander Stadium Redevelopment, included:

- raising the bank of Perry Brook;
- raising an existing bund in Perry Park; and
- installing new drainage infrastructure in Perry Park and underneath Church Road.

However, this mitigation would have resulted in some disruption to Perry Park and Church Road. Details of the original mitigation measures are contained in the 'Hydraulic Modelling Report', within the application 'for approval of details reserved by condition', submitted to Birmingham City Council in May 2020 (application reference number: 2020/03454/PA). This type of application is used when conditions applied to a planning permission require additional information to be approved by Birmingham City Council.

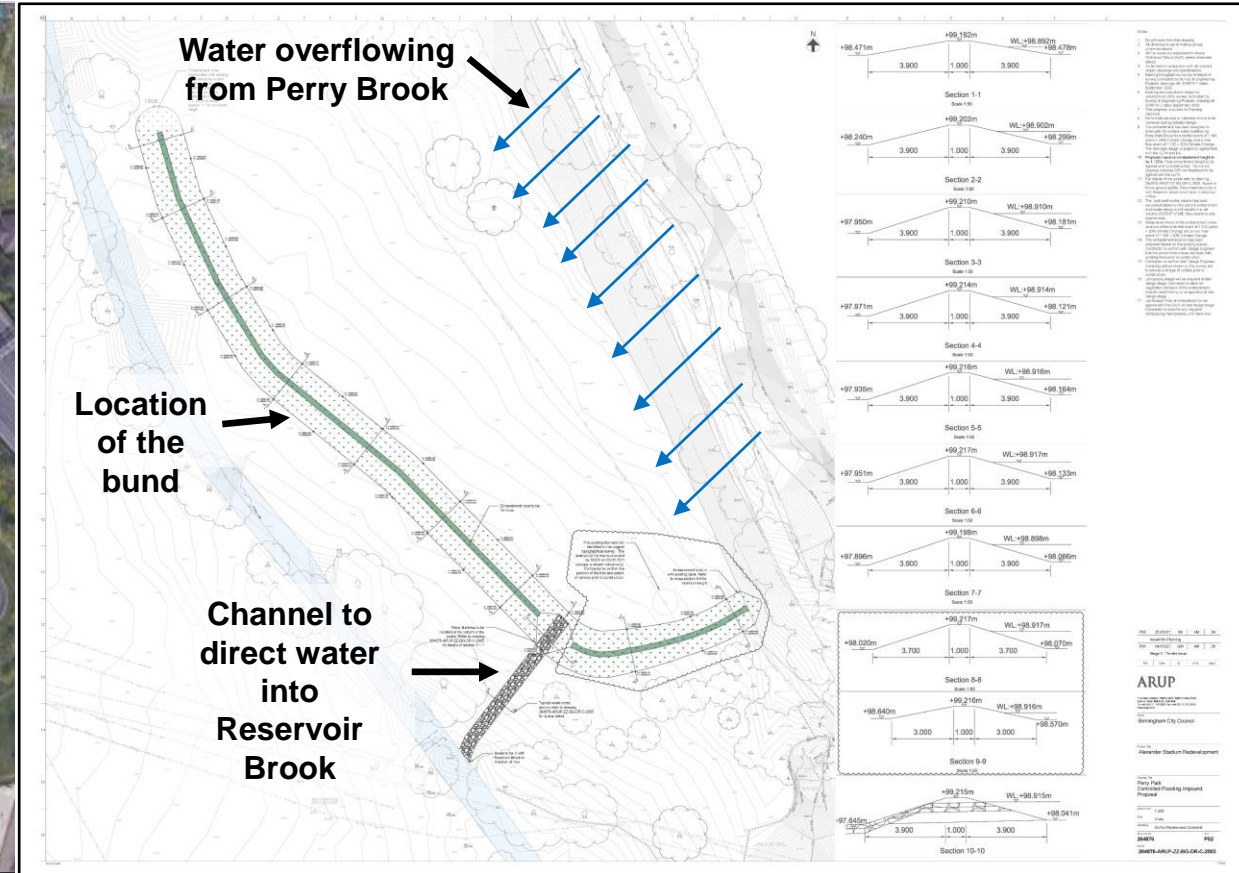
Since Birmingham City Council approved the original flood mitigation in November 2020, further work has been undertaken and a new, more sustainable solution has been developed. This involves the creation of a new 'surface water attenuation bund' (*a mound made of earth used to control flooding*) in Perry Park.

The 1-metre high bund will temporarily capture and store excess surface water within the Park in periods of very heavy rainfall. The water will then be drained, at a controlled rate, via a channel into Reservoir Brook. This will reduce flooding downstream near Church Road. The proposed design and location of the bund and channel is presented on the following slides. The location of the bund and channel avoids existing trees in the area, and therefore no trees will be lost as a result of the proposals.

A new application 'for approval of details reserved by condition' will be submitted to Birmingham City Council at the beginning of April 2021 to seek agreement of the updated flood mitigation proposals. As an application 'for approval of details reserved by condition', it will not be published on Birmingham City Council's Planning Online website. But should you have any questions or comments on the updated flood mitigation proposals, please do not hesitate to contact Jade Tilley, Stakeholder and Public Liaison Manager for the Alexander Stadium Redevelopment at [Jade.Tilley@arup.com](mailto:Jade.Tilley@arup.com).

If approval is granted, the bund will be constructed in spring / early summer 2021. It is intended that materials from the Alexander Stadium Redevelopment construction works will be reused (where possible) to create the bund. The bund will be seeded, and over time will develop into a grassy mound which will blend into the surrounding parkland.

# Location and design of the surface water attenuation bund

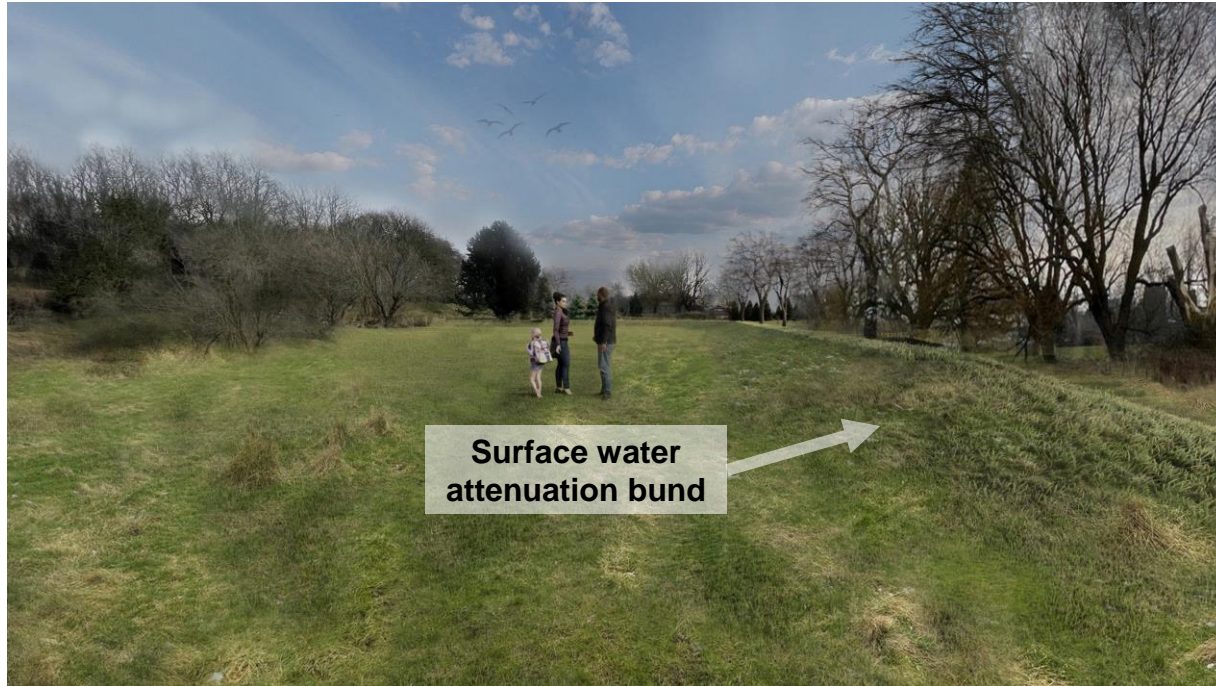


*Sketch showing the proposed location of the surface water attenuation bund within Perry Park (in green). This is for illustrative purposes only. Image courtesy of Google, 2021.*

*Drawing showing the proposed location of the surface water attenuation bund, and channel to direct water into Reservoir Brook.*



# Visualisation of the surface water attenuation bund



*A visualisation showing the proposed surface water attenuation bund (shown on the right hand side) within Perry Park.*



*A visualisation showing the proposed channel to direct water into Reservoir Brook.*