

FROM

Jonathan Burke

DATE

26<sup>th</sup> October 2021

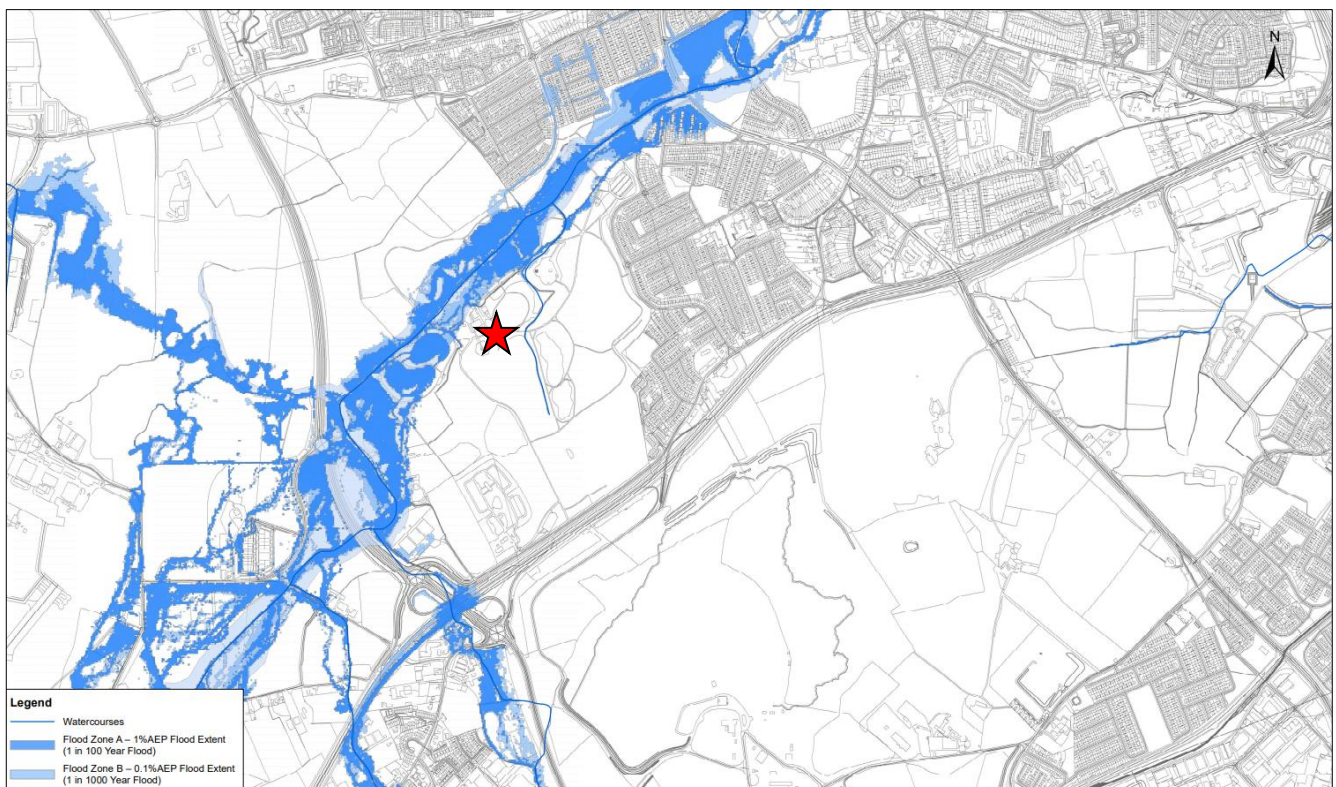
PROJECT NO. REF

P3001814

SUBJECT

**Initial Flood Risk Assessment Summary - Corkagh Regional Park**

The proposed development is a less vulnerable development i.e. land and buildings used for commercial, non-residential, amenity open space, outdoor sports and recreation as per 'The Planning System and Flood Risk Management - Guidelines for Planning Authorities (Nov 09)'. The development is not located within 'Flood Zones A & B' as per the Flood Zone Mapping (Figure 1) for SFRA for SDCC Strategic Flood Risk Assessment (SFRA) for the SDCC County Development Plan 2022-2028.



**Figure 1 - Extract of Flood Zone Mapping (Sheet 9 of 26) from SDCC Strategic Flood Risk Assessment (SFRA)**

As the site is considered a less vulnerable development and outside of 'Flood Zone A' a Justification test is not required for the proposed development in accordance with The Planning System and Flood Risk Management Guidelines for Planning Authorities.

An initial assessment indicates that the development is not at risk from residual flooding or overland flow paths from the Tidal and Ground Water due to the sites distance from these sources and topography.

The Camac Fluvial Flood Extents Map (Figure 2) from the Eastern CFRAMS Flood Study indicates Fluvial flooding to the north and west corner of the site. It is noted that there is a Wetland / River Floodplain is located in this area of the site.

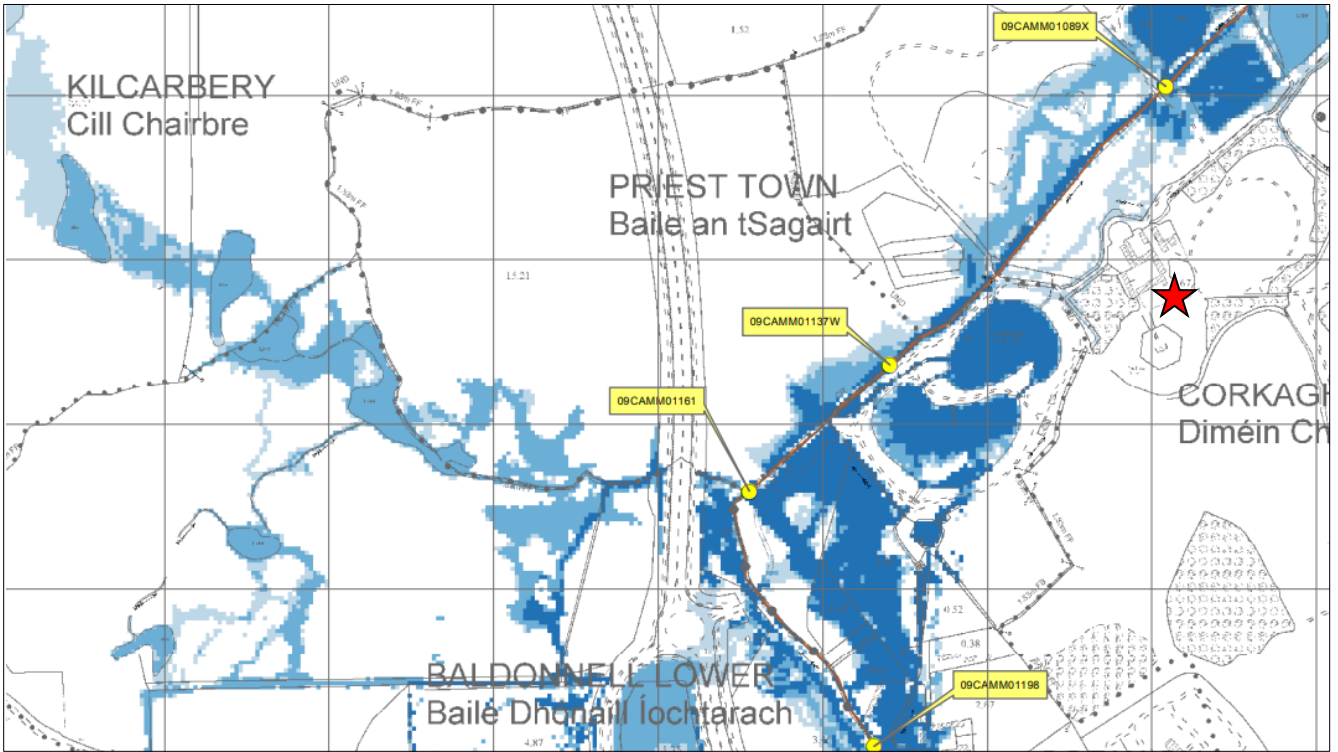


Figure 2 - Extract of Eastern CFRAM Flood Mapping (E09CAM\_EXFCD\_F1\_12) from floodinfo.ie

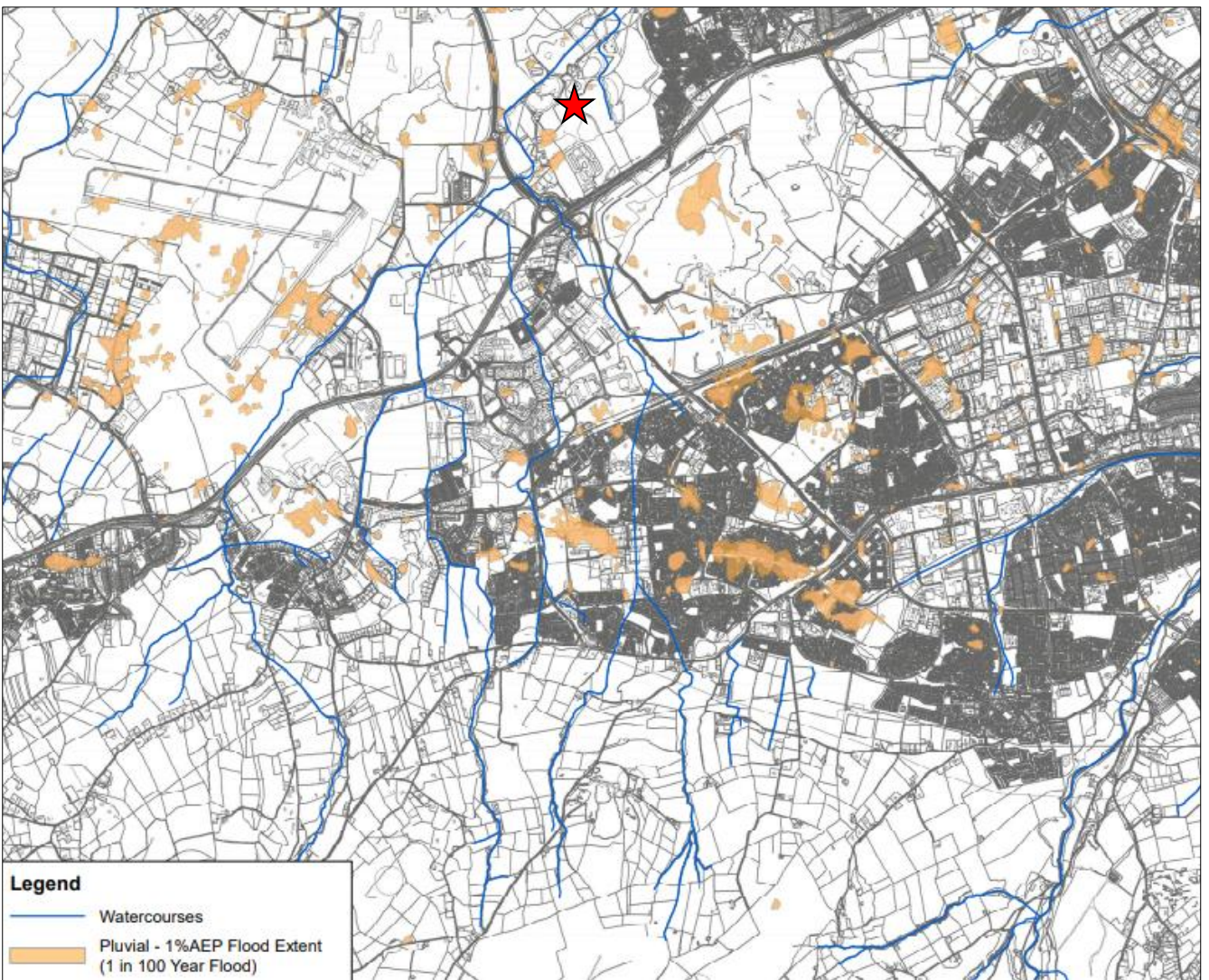


Figure 3 - Extract of Indicative Pluvial Flood Mapping from SDCC Strategic Flood Risk Assessment (SFRA)

As per the extract above (Figure 3), Pluvial flooding is indicated near the site for the 1% AEP Flood event from the Indicative Pluvial Flood Mapping (SDSFRA-ROD-EW-E-SW-AE-DR-ENV-40103) for SFRA for SDCC Strategic Flood Risk Assessment (SFRA) for the SDCC County Development Plan 2022-2028.

Although the development is less vulnerable and appropriate, a site specific assessment flood risk assessment will be provided to consider the residual risk of flooding from the above sources (Fluvial & Pluvial) - the likelihood and impact of flooding, which may occur as a result of failure of infrastructure designed to store or carry water.

Regards

A handwritten signature in black ink, appearing to read 'Jonathan Burke', with a stylized, cursive script.

Jonathan Burke BEng (Hons) MIEI  
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