

Mill Races & Canals Considerations



Leonardo Hotel Considerations



Lough Atalia Considerations



Mill Races & Canals

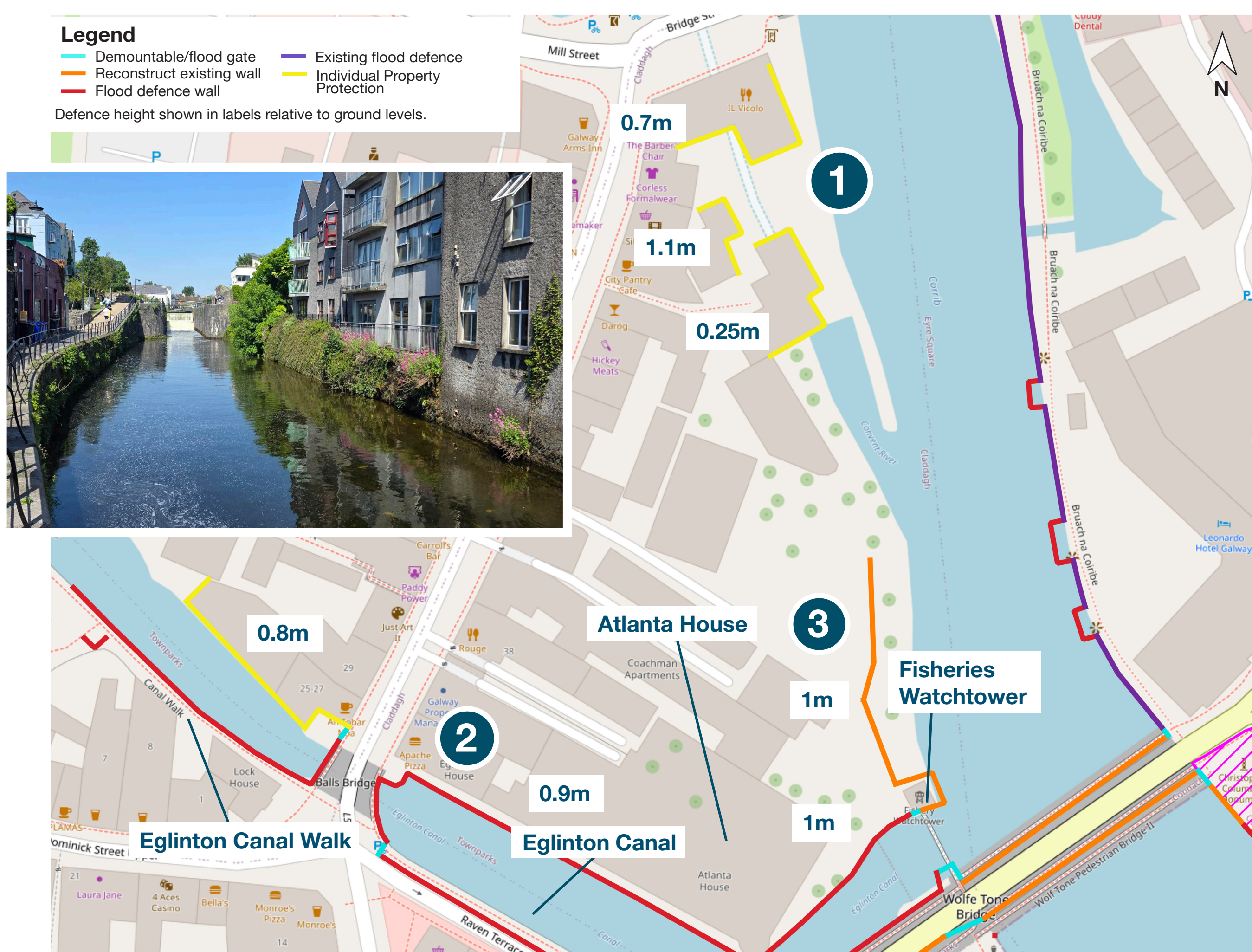
This is an area of historical importance bordered by the River Corrib, Eglinton Canal and a number of mill races. The area is primarily at risk of tidal flooding. Defences will provide protection to the residential and commercial buildings.

Option 1: Defences at Eglinton Canal and River Corrib

This option proposes flood defence walls and individual property protection along the Eglinton Canal, including around Atlanta House and opposite the Eglinton Canal Walk. The existing wall at the southern end of the Mill Races will be rebuilt to protect the residences behind and the Fisheries Watchtower. Along the River Corrib, individual property protection is proposed for three buildings south of Bridge Street to seal entrances and windows. Defences along the Eglinton Canal are detailed further on Poster 11.

Key Features

- 1 0.25 – 1.1m individual property protection for three buildings
- 2 0.8 – 0.9m flood defence wall along the Eglinton Canal
- 3 1m reconstructed existing wall



Leonardo Hotel

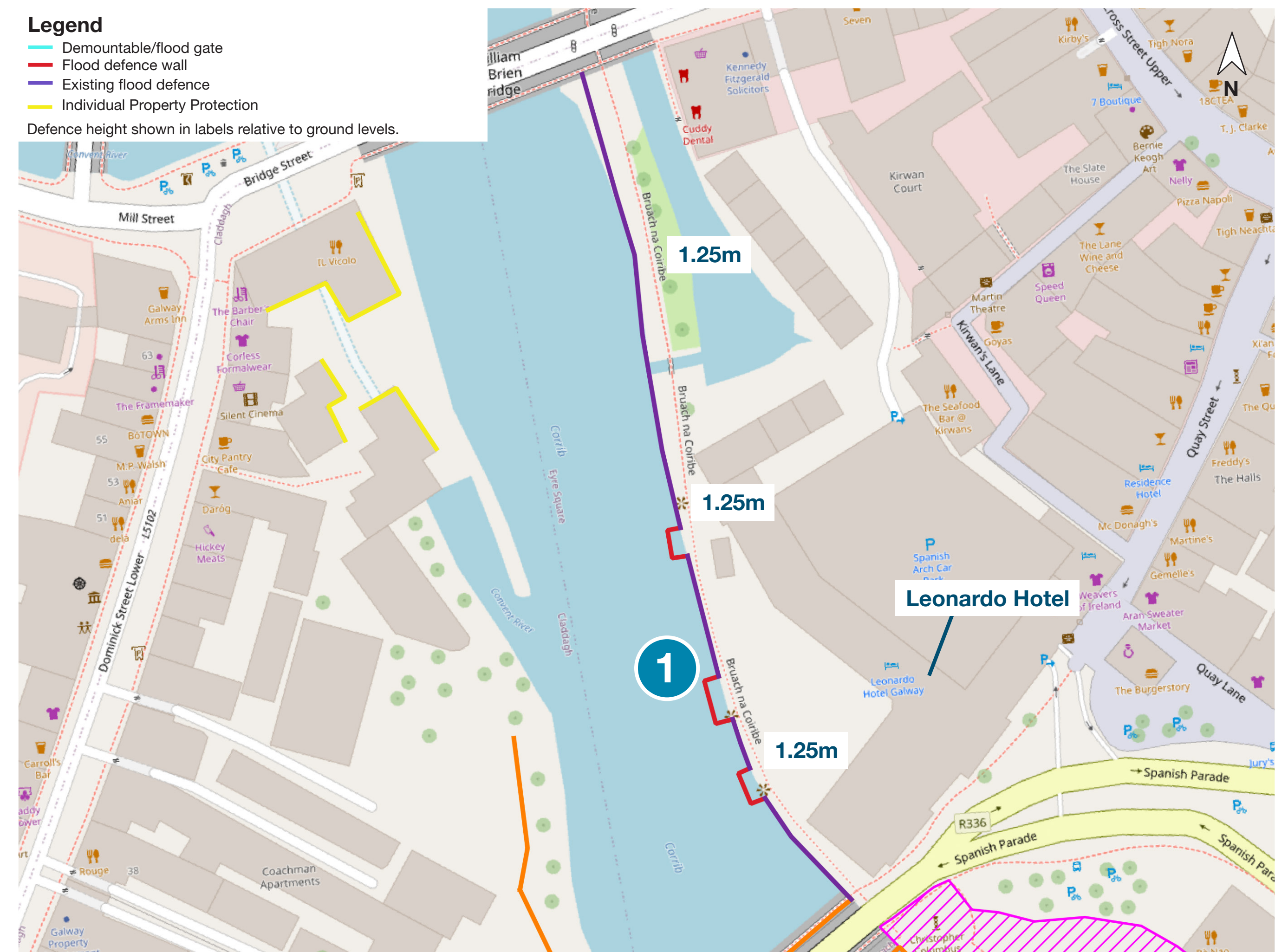
Leonardo Hotel is the riverwalk area along the River Corrib in front of the Leonardo Hotel. Defences are proposed to prevent water from entering from the three viewing boxes along the river and entering the Fishmarket area. The Leonardo Hotel is not at risk.

Option 1: Defence at Viewing Boxes

This option proposes replacing the existing permeable fencing at the three viewing boxes along the River Corrib with 1.25m flood defence wall panels. The height of the existing wall is sufficient to achieve the standard of protection of the scheme. Materials used for this intervention will be confirmed during the emerging preferred options stage.

Key Features

- 1 1.25m flood defence wall at three existing viewing boxes



Lough Atalia

Lough Atalia is a large protected estuarine lagoon. The area is primarily at risk from tidal flooding. Flood defences will protect the residential and commercial buildings to the north east of the lagoon which are at risk.

Option 1: Embankment

This option proposes a 1.0 – 1.35m flood embankment along the northern edge of Lough Atalia. The flood embankment ties into existing ground levels along Lough Atalia Road and Dublin Road. Existing footpaths to be retained within park. Other properties surrounding the lagoon are not at risk; thus, no other defences are proposed.

Key Features

- 1 1.0 - 1.4m flood embankment

